

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060420\
 Data File : BF120531.D
 Acq On : 4 Jun 2020 14:03
 Operator : JU/CG
 Sample : PB129254BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB129254BS

Quant Time: Jun 04 14:54:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 03 14:26:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	198807	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	753995	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	390412	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	742425	20.00	ng	0.00
76) Chrysene-d12	14.00	240	563535	20.00	ng	-0.01
86) Perylene-d12	15.45	264	569393	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	1059897	101.60	ng	0.00
7) Phenol-d6	6.47	99	1327270	103.22	ng	0.00
23) Nitrobenzene-d5	7.39	82	857710	74.41	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	405870	112.20	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1636594	71.12	ng	-0.01
79) Terphenyl-d14	12.94	244	1509779	59.62	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	175879	34.035	ng	99
3) Pyridine	3.40	79	458438	32.032	ng	99
4) n-Nitrosodimethylamine	3.35	42	242735	40.078	ng	98
6) Aniline	6.49	93	541724	30.216	ng	100
8) 2-Chlorophenol	6.62	128	455804	38.750	ng	98
9) Benzaldehyde	6.37	77	239789	30.598	ng	99
10) Phenol	6.48	94	536208	38.134	ng	96
11) bis(2-Chloroethyl)ether	6.56	93	425297	36.195	ng	99
12) 1,3-Dichlorobenzene	6.77	146	463401	35.859	ng	98
13) 1,4-Dichlorobenzene	6.85	146	472651	36.659	ng	99
14) 1,2-Dichlorobenzene	7.00	146	434082	36.450	ng	99
15) Benzyl Alcohol	6.97	79	362565	37.406	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	614184	33.156	ng	99
17) 2-Methylphenol	7.09	107	369779	35.155	ng	98
18) Hexachloroethane	7.34	117	174975	37.074	ng	94
19) n-Nitroso-di-n-propylamine	7.25	70	286891	35.100	ng	97
20) 3+4-Methylphenols	7.24	107	416588	31.351	ng	98
22) Acetophenone	7.24	105	558093	36.445	ng	# 97
24) Nitrobenzene	7.41	77	446866	35.989	ng	99
25) Isophorone	7.65	82	835503	36.064	ng	100
26) 2-Nitrophenol	7.73	139	244914	43.748	ng	96
27) 2,4-Dimethylphenol	7.76	122	396591	40.793	ng	99
28) bis(2-Chloroethoxy)methane	7.86	93	529259	37.936	ng	100
29) 2,4-Dichlorophenol	7.97	162	378985	38.594	ng	100
30) 1,2,4-Trichlorobenzene	8.05	180	414923	37.652	ng	99
31) Naphthalene	8.13	128	1167961	35.271	ng	99
32) Benzoic acid	7.89	122	234828	32.549	ng	97
33) 4-Chloroaniline	8.18	127	354432	24.151	ng	98
34) Hexachlorobutadiene	8.25	225	214870	32.895	ng	97
35) Caprolactam	8.56	113	50545	15.894	ng	97
36) 4-Chloro-3-methylphenol	8.67	107	350936	35.225	ng	96
37) 2-Methylnaphthalene	8.83	142	764873	34.872	ng	98
38) 1-Methylnaphthalene	8.93	142	776895	37.525	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	394247	39.378	ng	98

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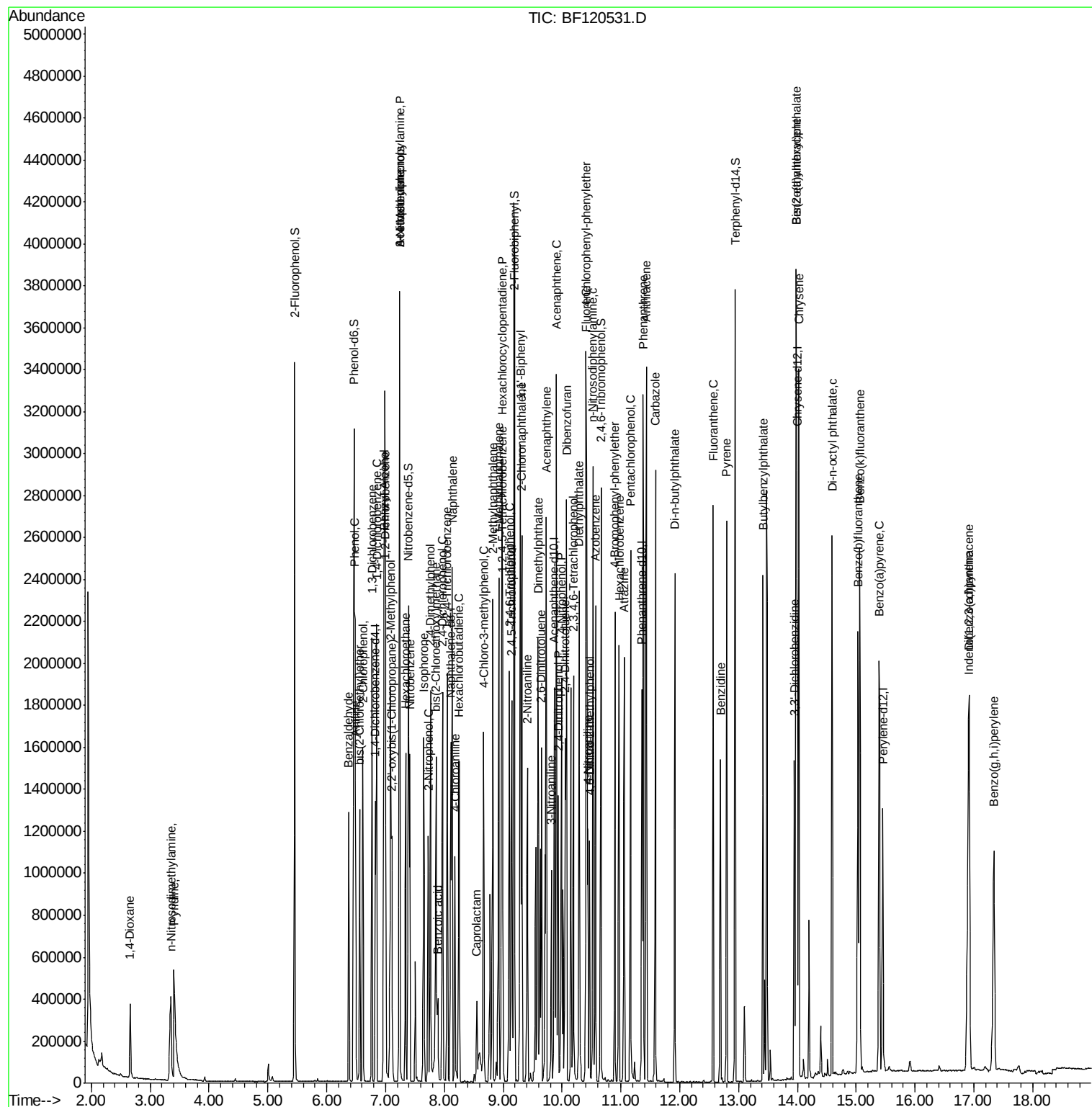
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	493631	88.342	nq	99
43) 2,4,6-Trichlorophenol	9.10	196	287322	39.680	nq	99
44) 2,4,5-Trichlorophenol	9.15	196	301981	36.791	nq	99
46) 1,1'-Biphenyl	9.29	154	1041547	40.611	nq	97
47) 2-Chloronaphthalene	9.32	162	803588	38.051	nq	99
48) 2-Nitroaniline	9.41	65	241828	37.595	nq	96
49) Acenaphthylene	9.73	152	1285016	39.375	nq	99
50) Dimethylphthalate	9.59	163	924624	37.883	nq	99
51) 2,6-Dinitrotoluene	9.65	165	212118	39.106	nq	99
52) Acenaphthene	9.90	154	763757	37.498	nq	99
53) 3-Nitroaniline	9.82	138	165051	25.913	nq	96
54) 2,4-Dinitrophenol	9.93	184	220640	99.006	nq	98
55) Dibenzofuran	10.07	168	1137174	38.420	nq	98
56) 4-Nitrophenol	9.99	139	367369	75.336	nq	98
57) 2,4-Dinitrotoluene	10.06	165	280824	40.453	nq	99
58) Fluorene	10.42	166	847102	38.138	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.19	232	254670	39.817	nq	99
60) Diethylphthalate	10.29	149	916047	37.140	nq	100
61) 4-Chlorophenyl-phenylether	10.41	204	419055	34.799	nq	96
62) 4-Nitroaniline	10.44	138	229053	38.092	nq	99
63) Azobenzene	10.57	77	862027	37.157	nq	97
65) 4,6-Dinitro-2-methylphenol	10.47	198	149914	55.361	nq	94
66) n-Nitrosodiphenylamine	10.53	169	797122	38.652	nq	98
67) 4-Bromophenyl-phenylether	10.90	248	279804	37.336	nq	97
68) Hexachlorobenzene	10.97	284	308528	38.658	nq	96
69) Atrazine	11.06	200	231161	39.767	nq	99
70) Pentachlorophenol	11.16	266	322893	66.172	nq	99
71) Phenanthrene	11.38	178	1273582	38.931	nq	99
72) Anthracene	11.43	178	1313823	40.028	nq	99
73) Carbazole	11.59	167	1206614	38.007	nq	100
74) Di-n-butylphthalate	11.92	149	1218348	32.991	nq	99
75) Fluoranthene	12.57	202	1118513	31.776	nq	99
77) Benzidine	12.69	184	605628	40.902	nq	97
78) Pyrene	12.80	202	1147615	29.283	nq	99
80) Butylbenzylphthalate	13.42	149	565558	34.567	nq	98
81) Benzo(a)anthracene	13.99	228	1176491	38.954	nq	99
82) 3,3'-Dichlorobenzidine	13.95	252	326435	29.771	nq	99
83) Chrysene	14.03	228	1192575	37.664	nq	99
84) Bis(2-ethylhexyl)phthalate	13.97	149	765069	39.835	nq	99
85) Di-n-octyl phthalate	14.59	149	1340552	40.339	nq	99
87) Indeno(1,2,3-cd)pyrene	16.90	276	1114841	35.798	nq	100
88) Benzo(b)fluoranthene	15.03	252	1138365	35.995	nq	99
89) Benzo(k)fluoranthene	15.06	252	1083251	36.690	nq	99
90) Benzo(a)pyrene	15.39	252	1032600	37.328	nq	99
91) Dibenzo(a,h)anthracene	16.92	278	926551	36.493	nq	97
92) Benzo(g,h,i)perylene	17.34	276	910170	36.346	nq	99

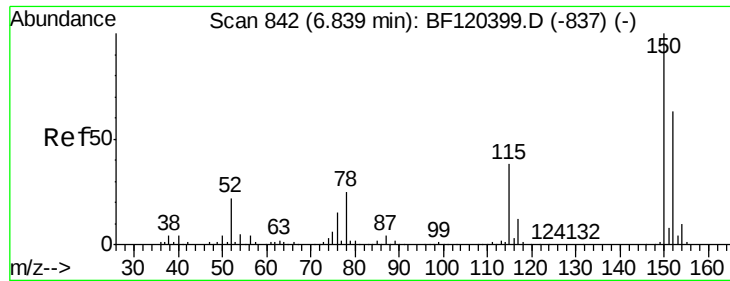
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.83 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF120531.D

Acq: 4 Jun 2020 14:03

Instrument :

BNA_F

ClientSampleId :

PB129254BS

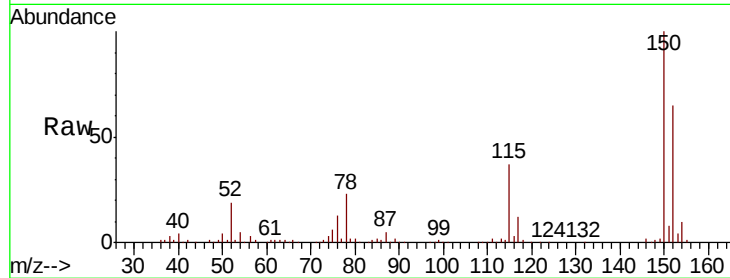
Tot Ion:152 Resp: 198807

Ion Ratio Lower Upper

152 100

150 154.2 127.1 190.7

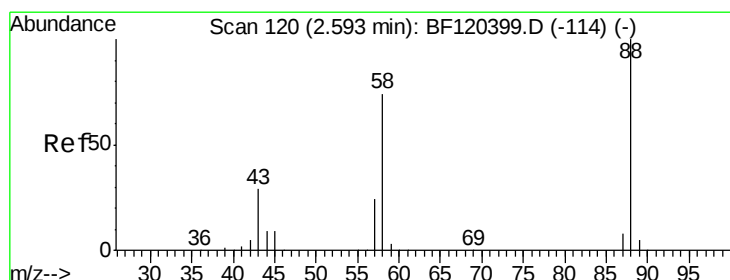
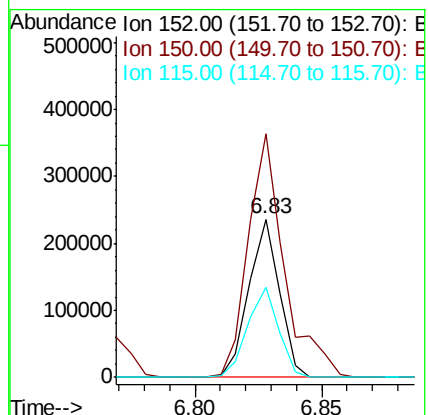
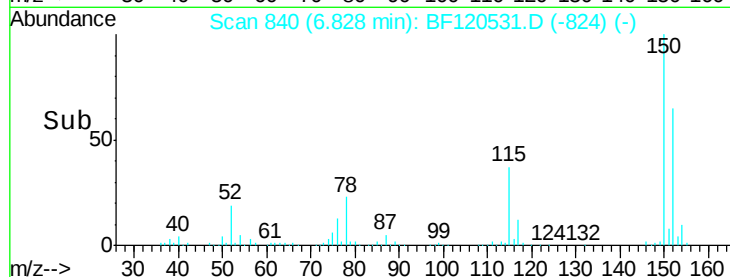
115 56.8 48.7 73.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 34.035 ng

RT: 2.66 min Scan# 131

Delta R.T. 0.08 min

Lab File: BF120531.D

Acq: 4 Jun 2020 14:03

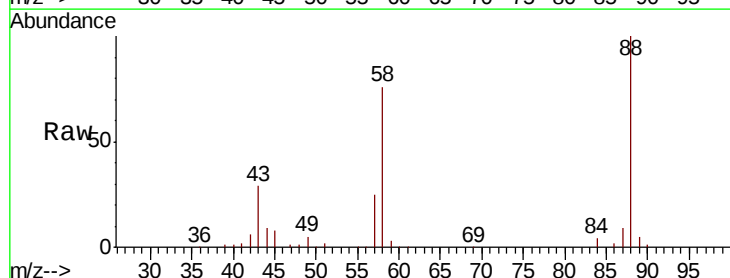
Tgt Ion: 88 Resp: 175879

Ion Ratio Lower Upper

88 100

58 75.2 59.7 89.5

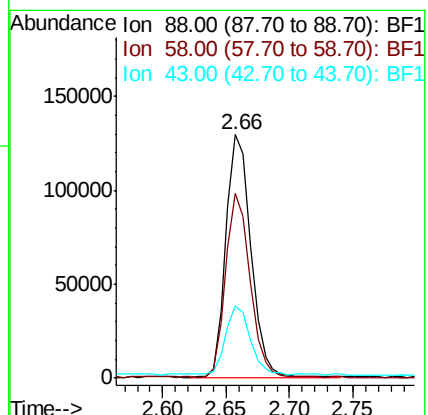
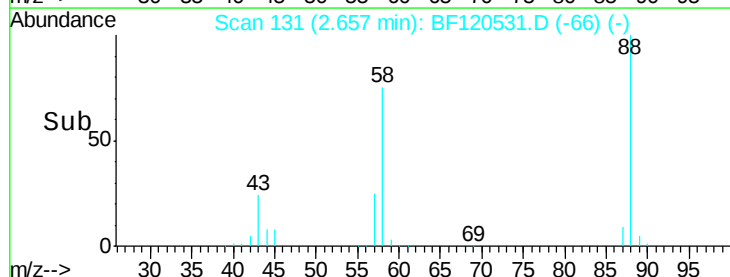
43 27.6 23.0 34.6

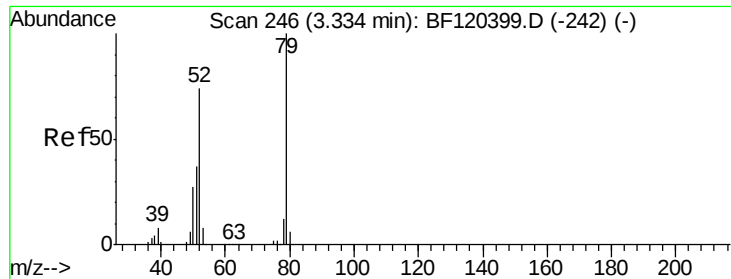


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 32.032 ng

RT: 3.40 min Scan# 258

Delta R.T. 0.08 min

Lab File: BF120531.D

Acq: 4 Jun 2020 14:03

Instrument :

BNA_F

ClientSampleId :

PB129254BS

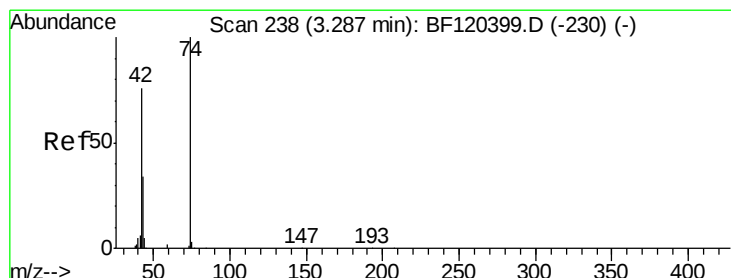
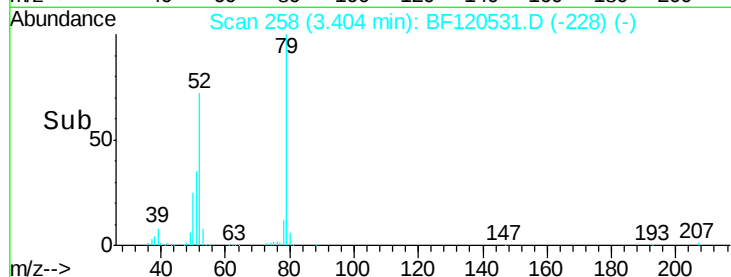
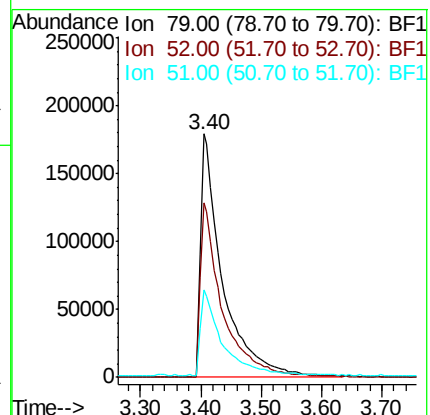
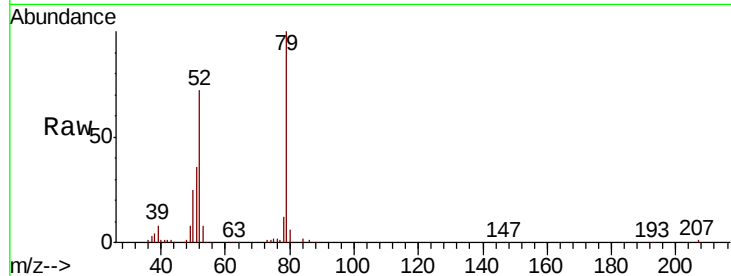
Tot Ion: 79 Resp: 458438

Ion Ratio Lower Upper

79 100

52 71.7 57.4 86.0

51 36.2 27.5 41.3



#4

n-Nitrosodimethylamine

Concen: 40.078 ng

RT: 3.35 min Scan# 249

Delta R.T. 0.06 min

Lab File: BF120531.D

Acq: 4 Jun 2020 14:03

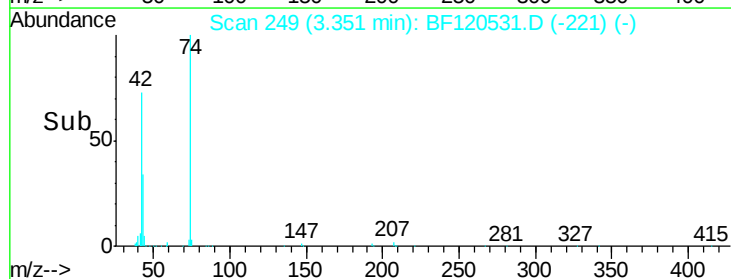
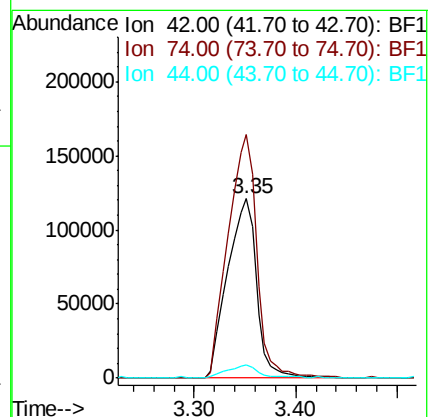
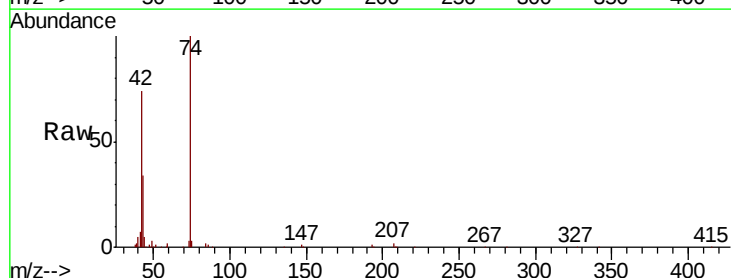
Tgt Ion: 42 Resp: 242735

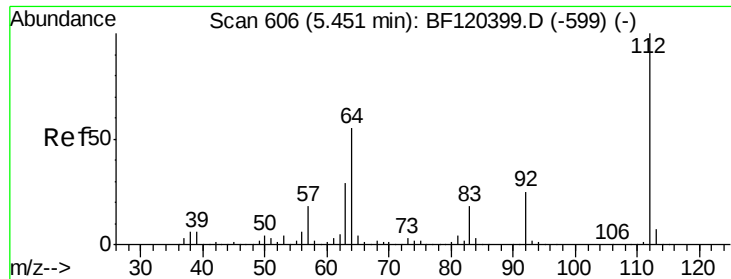
Ion Ratio Lower Upper

42 100

74 135.7 106.3 159.5

44 7.3 5.9 8.9





#5

2-Fluorophenol

Concen: 101.601 ng

RT: 5.46 min Scan# 607

Delta R.T. 0.01 min

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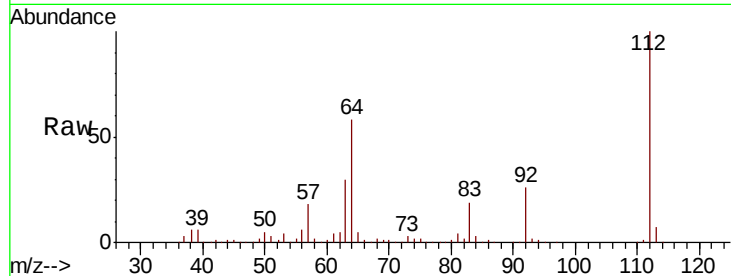
Tot Ion:112 Resp: 1059897

Ion Ratio Lower Upper

112 100

64 57.7 45.8 68.8

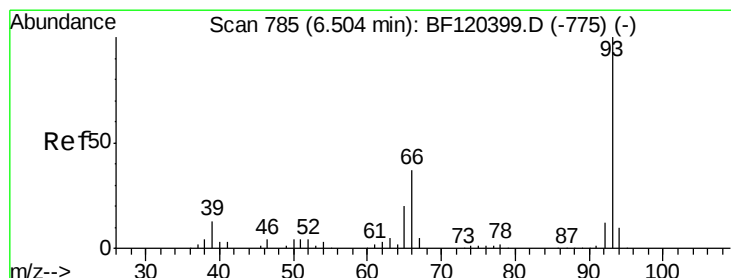
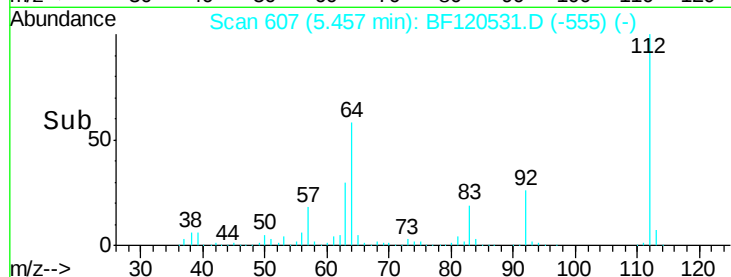
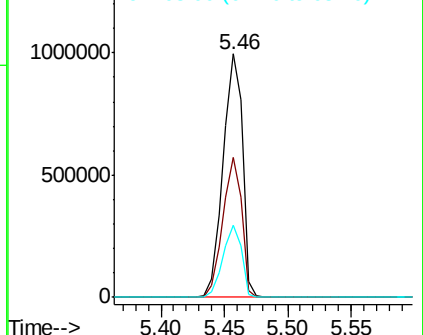
63 29.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 30.216 ng

RT: 6.49 min Scan# 783

Delta R.T. -0.01 min

Lab File: BF120531.D

Acq: 4 Jun 2020 14:03

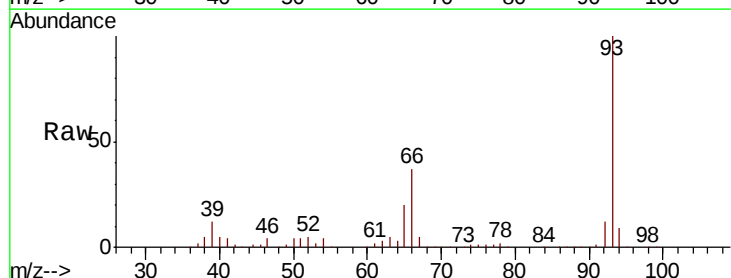
Tgt Ion: 93 Resp: 541724

Ion Ratio Lower Upper

93 100

66 37.4 29.9 44.9

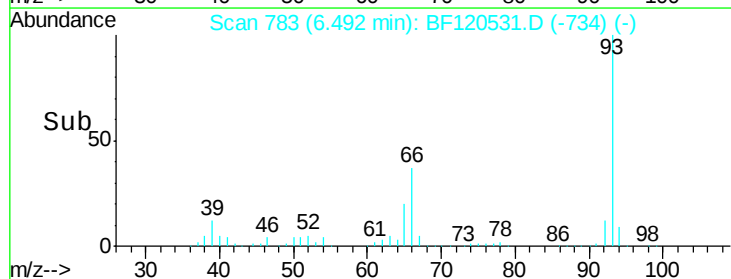
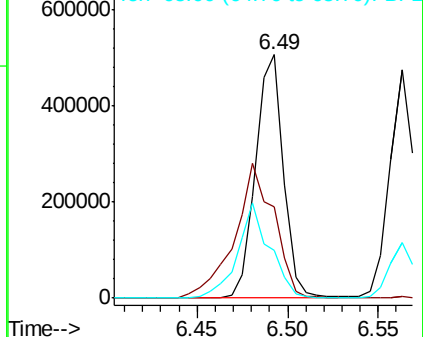
65 19.6 15.5 23.3

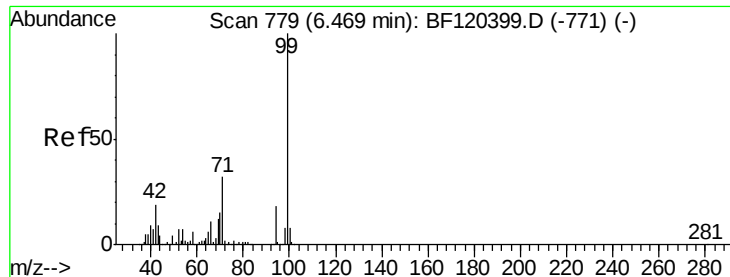


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 103.224 ng

RT: 6.47 min Scan# 779

Delta R.T. -0.01 min

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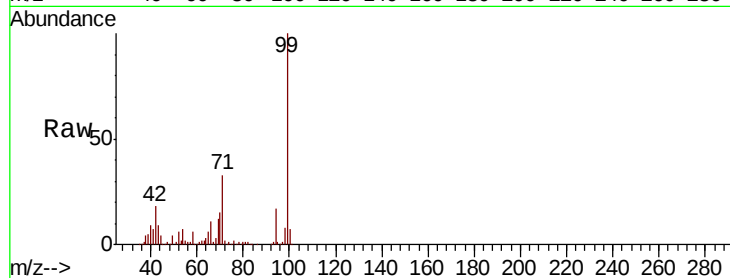
Tot Ion: 99 Resp: 1327270

Ion Ratio Lower Upper

99 100

42 17.8 15.0 22.4

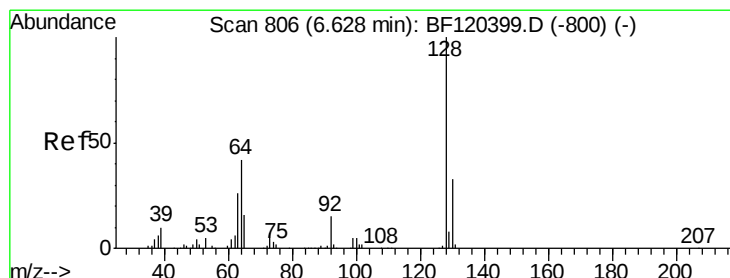
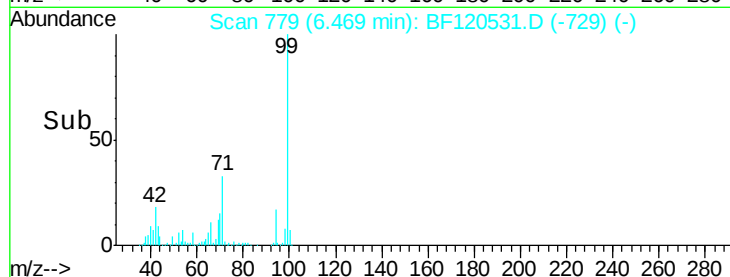
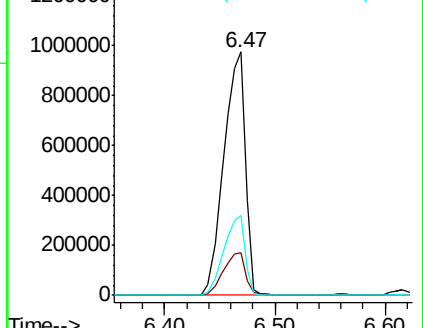
71 32.7 26.3 39.5



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 38.750 ng

RT: 6.62 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF120531.D

Acq: 4 Jun 2020 14:03

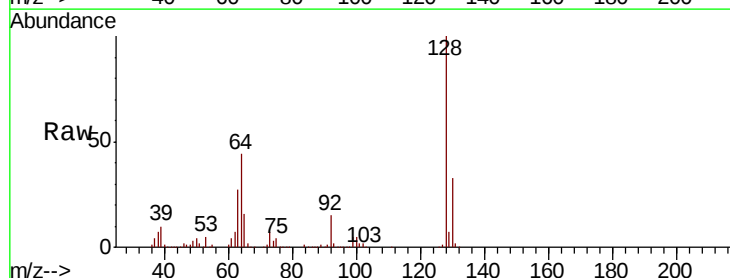
Tgt Ion:128 Resp: 455804

Ion Ratio Lower Upper

128 100

130 33.0 13.4 53.4

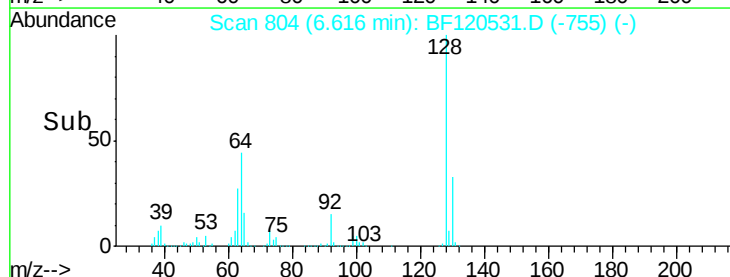
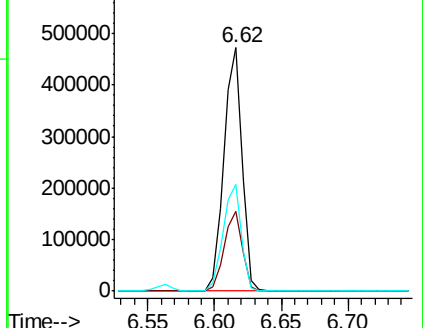
64 44.0 21.5 61.5

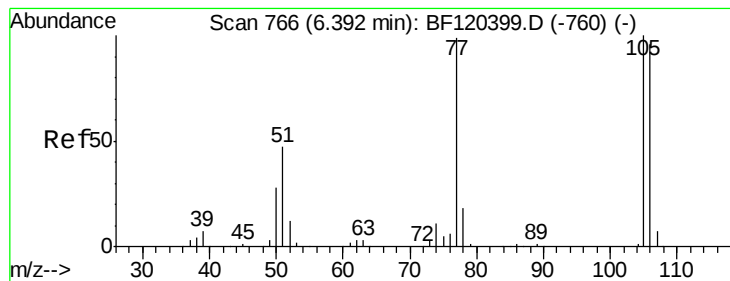


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 30.598 ng

RT: 6.37 min Scan# 763

Delta R.T. -0.01 min

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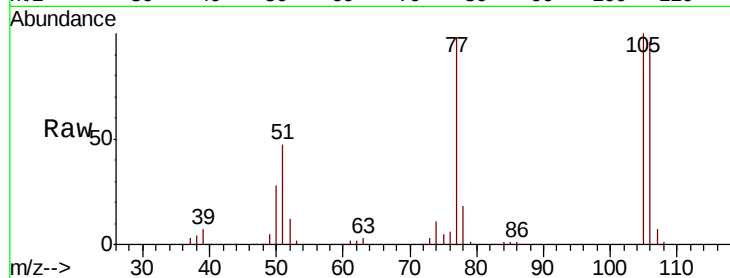
Tot Ion: 77 Resp: 239789

Ion Ratio Lower Upper

77 100

105 102.5 83.2 123.2

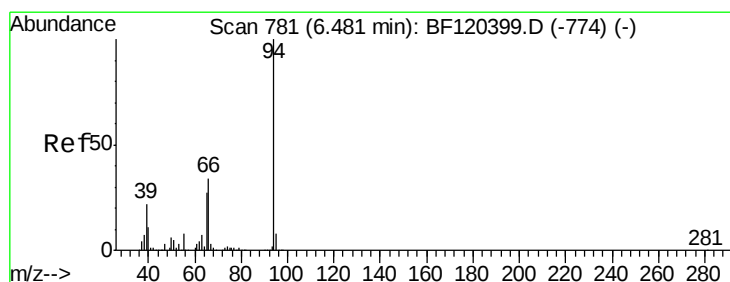
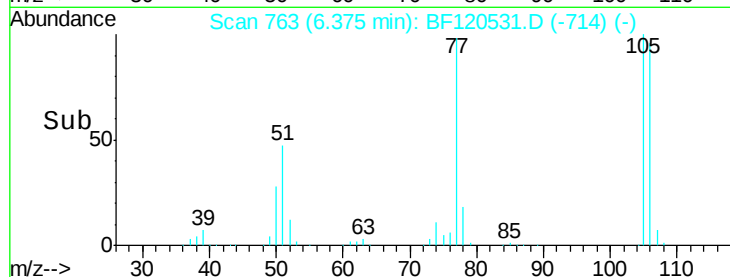
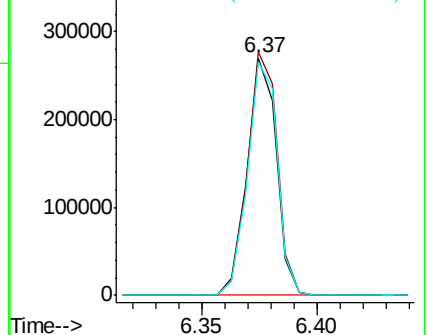
106 98.5 78.9 118.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 38.134 ng

RT: 6.48 min Scan# 781

Delta R.T. -0.01 min

Lab File: BF120531.D

Acq: 4 Jun 2020 14:03

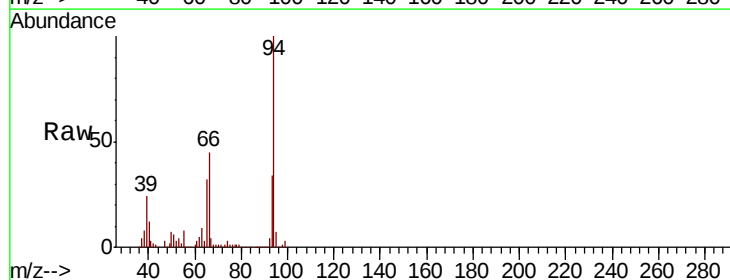
Tgt Ion: 94 Resp: 536208

Ion Ratio Lower Upper

94 100

65 31.5 14.2 54.2

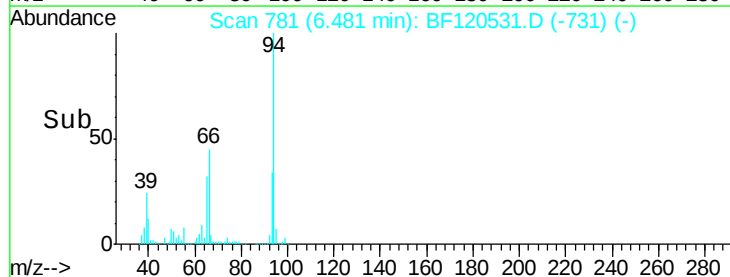
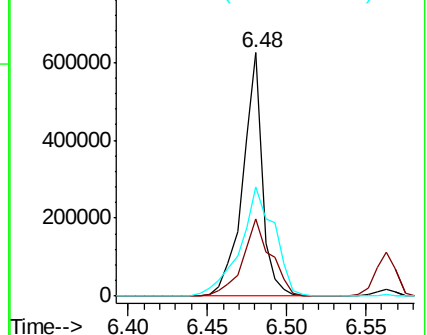
66 44.7 27.5 67.5

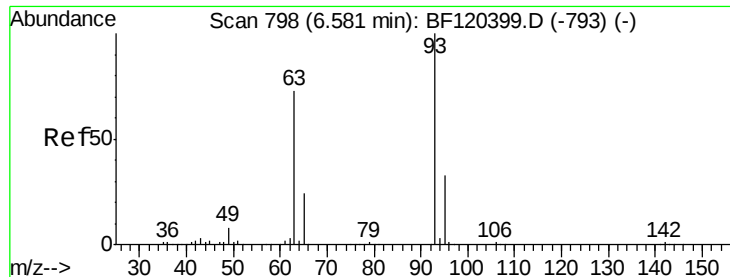


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

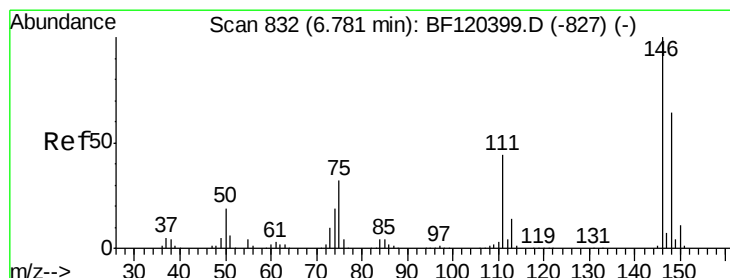
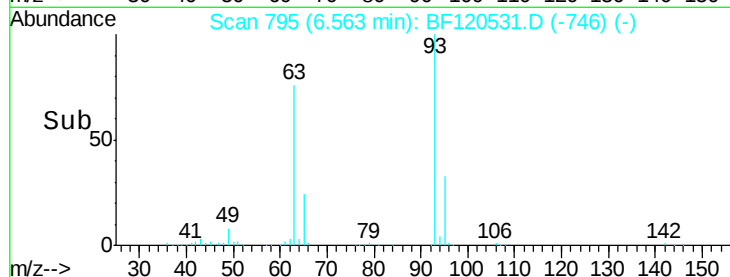
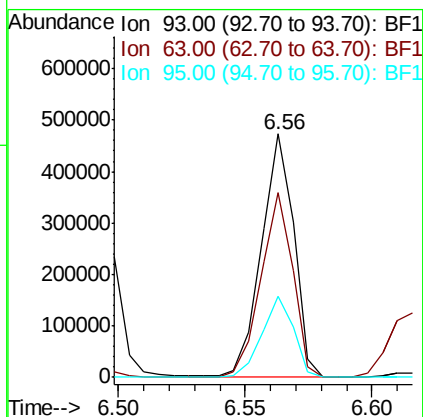
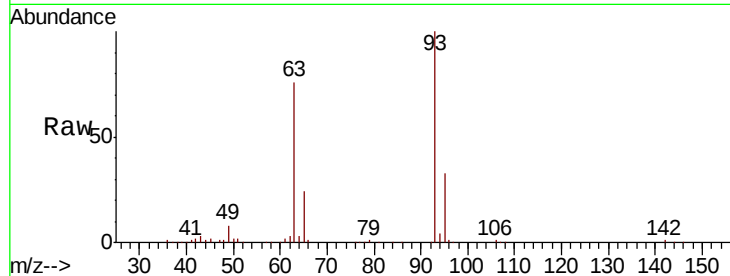




#11
bis(2-Chloroethyl)ether
Concen: 36.195 ng
RT: 6.56 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF120531.D
Acq: 4 Jun 2020 14:03

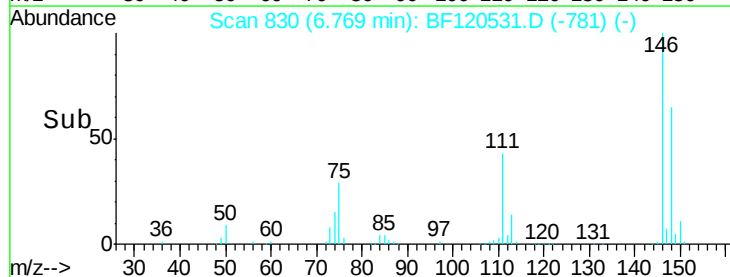
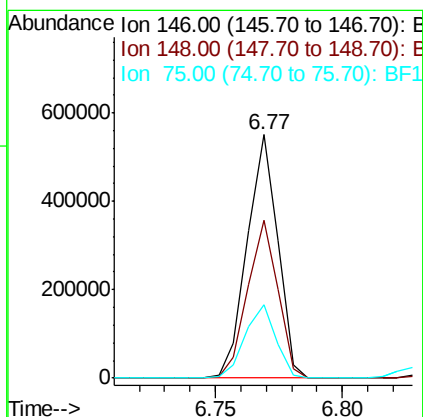
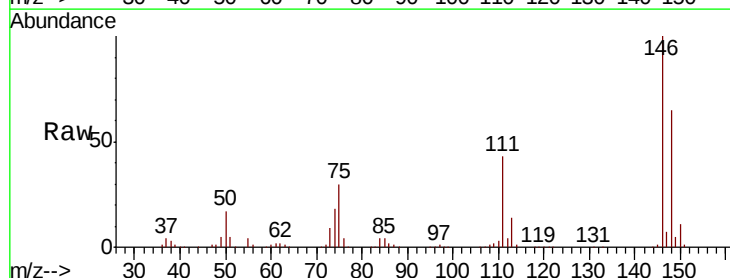
Instrument :
BNA_F
ClientSampleId :
PB129254BS

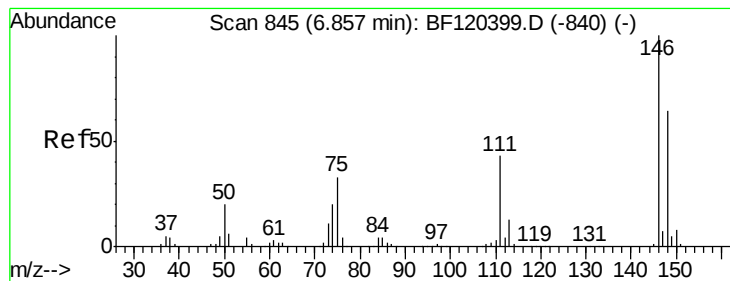
Tot Ion: 93 Resp: 425297
Ion Ratio Lower Upper
93 100
63 75.7 54.8 94.8
95 33.3 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 35.859 ng
RT: 6.77 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF120531.D
Acq: 4 Jun 2020 14:03

Tgt Ion: 146 Resp: 463401
Ion Ratio Lower Upper
146 100
148 64.6 51.9 77.9
75 30.3 22.2 33.2





#13

1,4-Dichlorobenzene

Concen: 36.659 ng

RT: 6.85 min Scan# 843

Delta R.T. -0.01 min

Lab File: BF120531.D

Acq: 4 Jun 2020 14:03

Instrument :

BNA_F

ClientSampleId :

PB129254BS

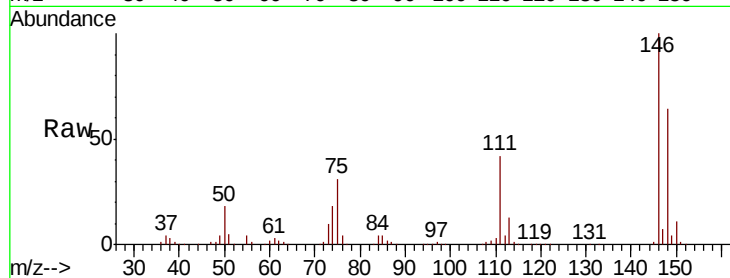
Tot Ion:146 Resp: 472651

Ion Ratio Lower Upper

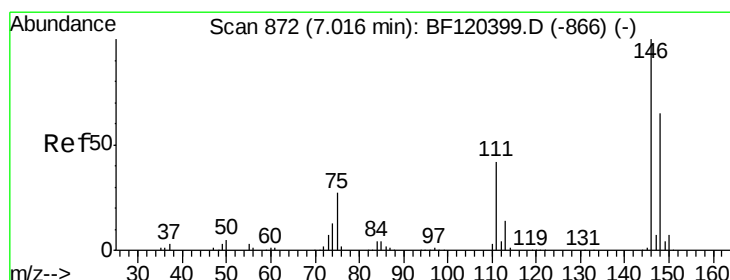
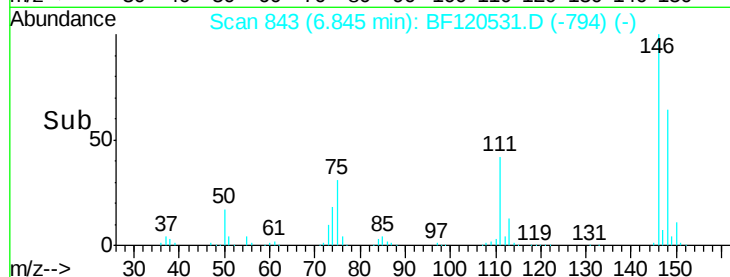
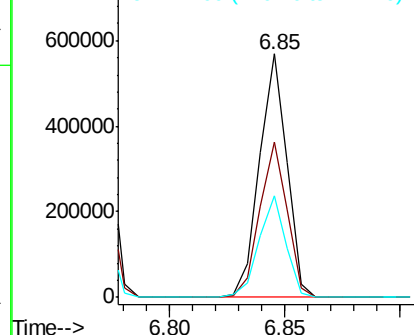
146 100

148 63.7 51.1 76.7

111 41.9 32.2 48.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 36.450 ng

RT: 7.00 min Scan# 869

Delta R.T. -0.01 min

Lab File: BF120531.D

Acq: 4 Jun 2020 14:03

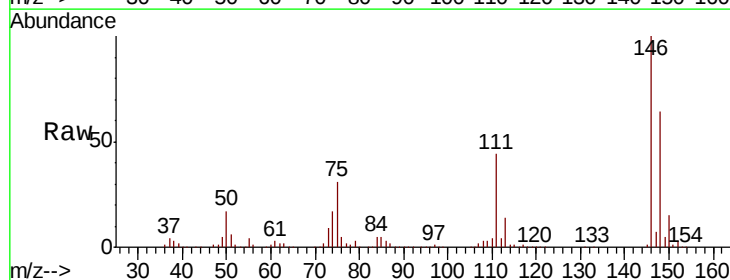
Tgt Ion:146 Resp: 434082

Ion Ratio Lower Upper

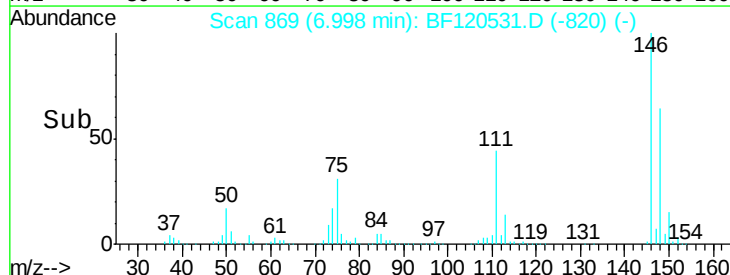
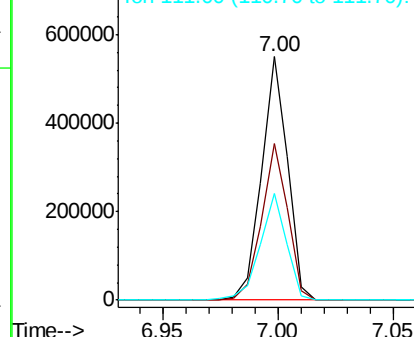
146 100

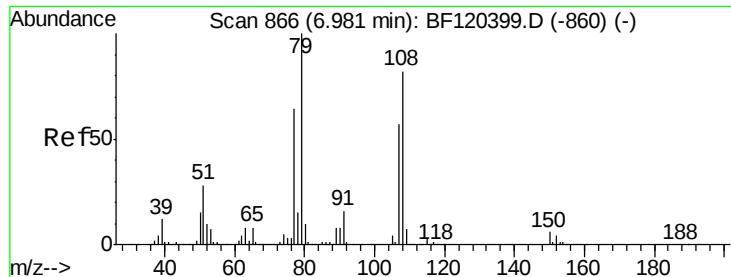
148 64.2 50.4 75.6

111 44.0 34.6 52.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.406 ng

RT: 6.97 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF120531.D

Acq: 4 Jun 2020 14:03

Instrument :

BNA_F

ClientSampleId :

PB129254BS

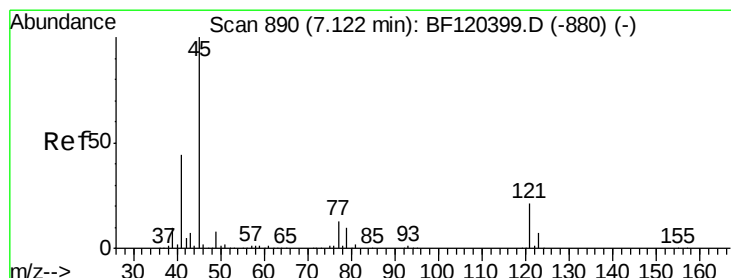
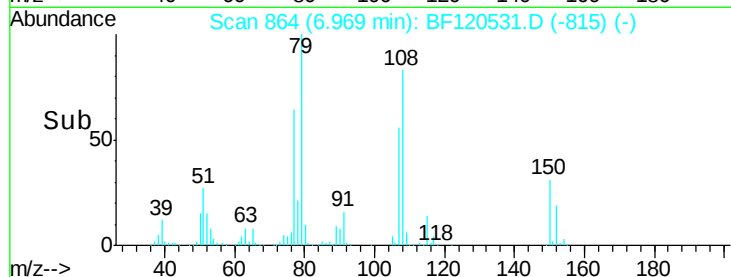
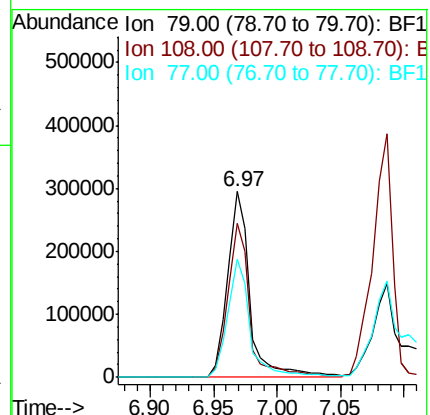
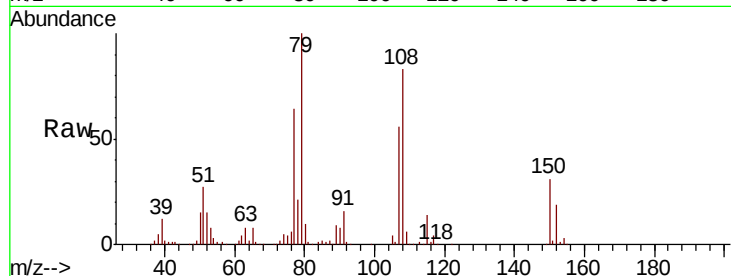
Tot Ion: 79 Resp: 362565

Ion Ratio Lower Upper

79 100

108 83.2 64.6 96.8

77 63.6 50.2 75.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.156 ng

RT: 7.10 min Scan# 887

Delta R.T. -0.01 min

Lab File: BF120531.D

Acq: 4 Jun 2020 14:03

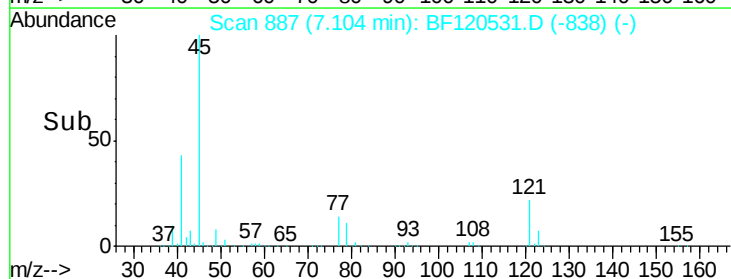
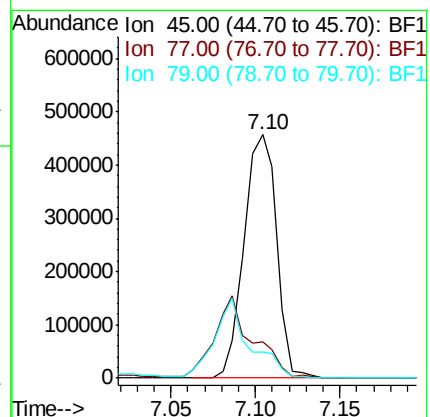
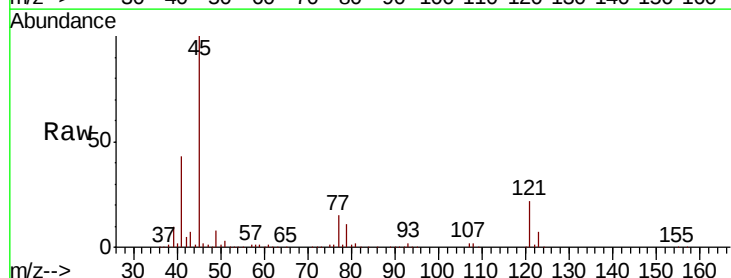
Tgt Ion: 45 Resp: 614184

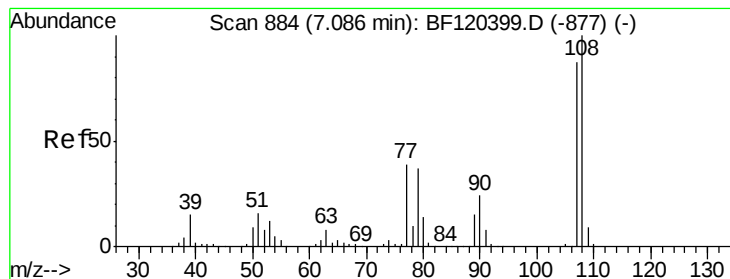
Ion Ratio Lower Upper

45 100

77 14.7 0.0 34.3

79 10.9 0.0 31.4





#17

2-Methylphenol

Concen: 35.155 ng

RT: 7.09 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF120531.D

Acq: 4 Jun 2020 14:03

Instrument :

BNA_F

ClientSampleId :

PB129254BS

Tot Ion:107 Resp: 369779

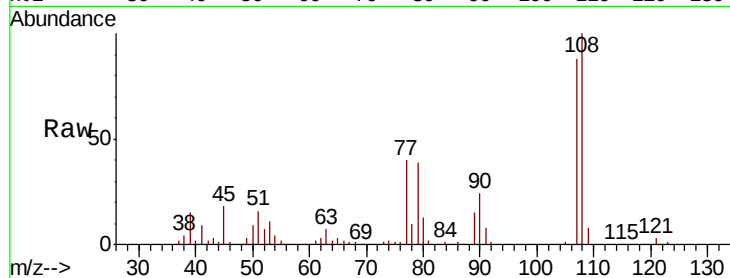
Ion Ratio Lower Upper

107 100

108 114.0 91.9 137.9

77 45.3 38.2 57.2

79 43.9 36.8 55.2

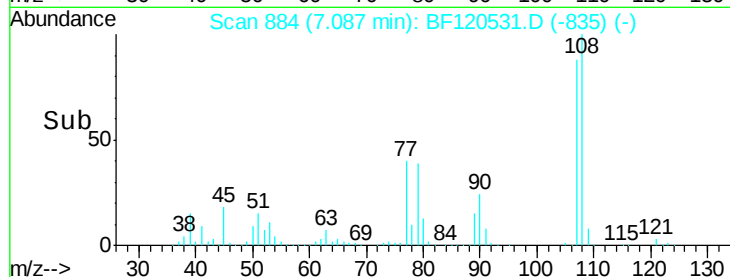


Abundance Ion 107.00 (106.70 to 107.70): E

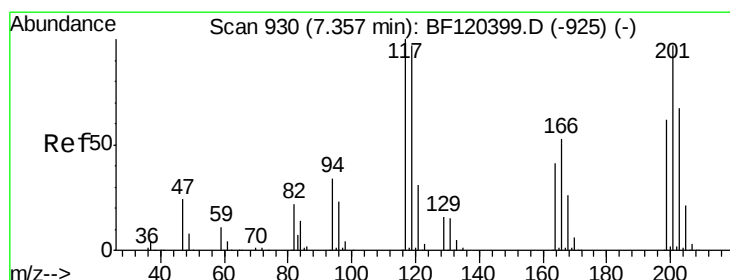
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



Time-->



#18

Hexachloroethane

Concen: 37.074 ng

RT: 7.34 min Scan# 927

Delta R.T. -0.01 min

Lab File: BF120531.D

Acq: 4 Jun 2020 14:03

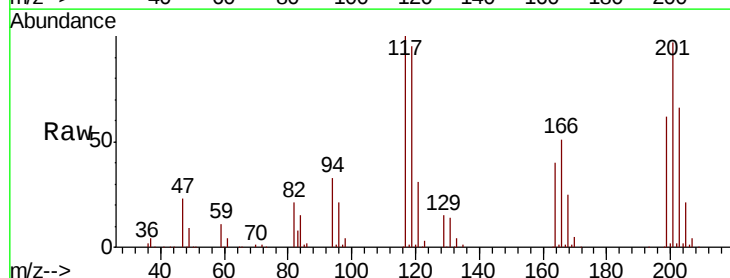
Tgt Ion:117 Resp: 174975

Ion Ratio Lower Upper

117 100

119 95.2 78.0 117.0

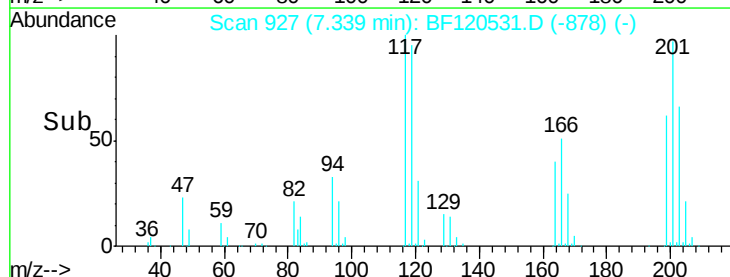
201 97.1 84.8 127.2



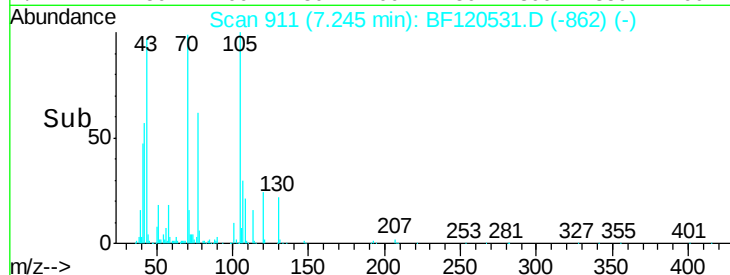
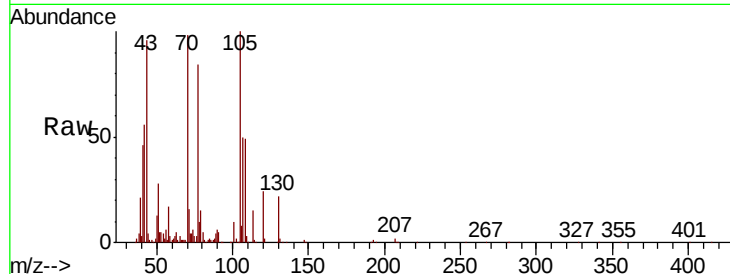
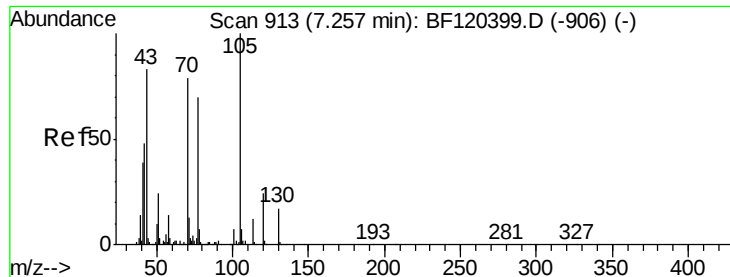
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



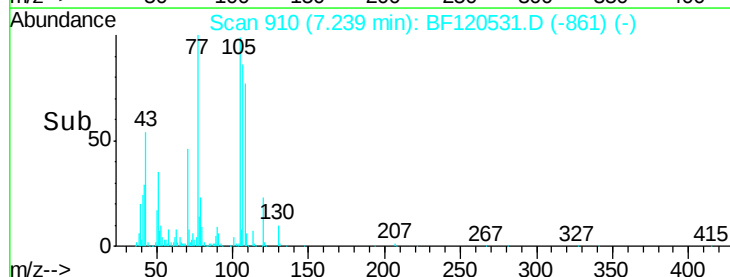
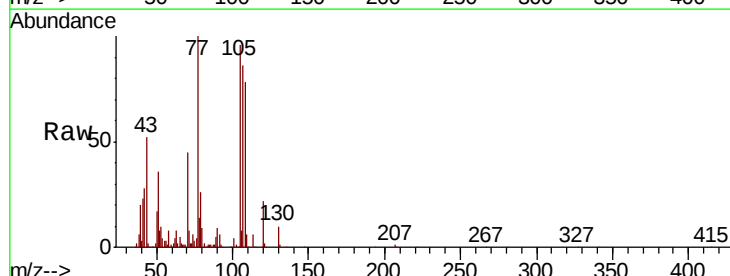
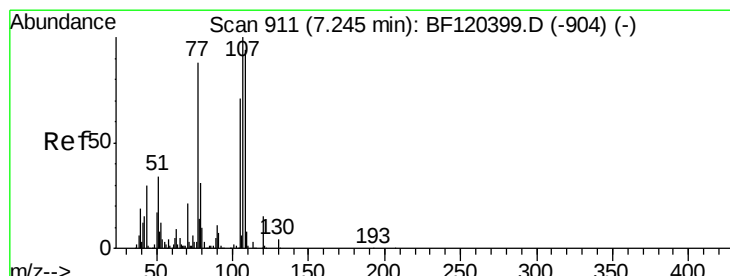
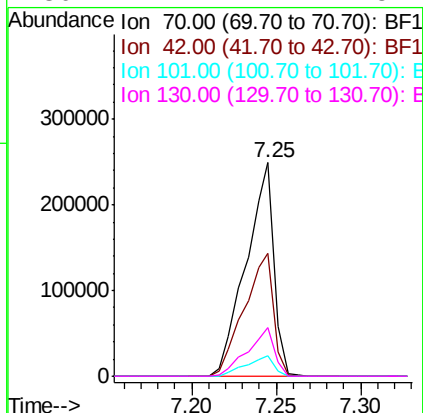
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 35.100 ng
RT: 7.25 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF120531.D
Acq: 4 Jun 2020 14:03

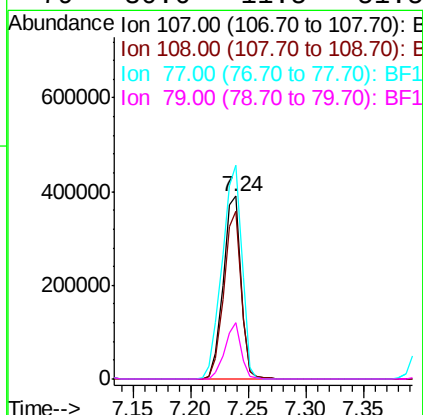
Instrument :
BNA_F
ClientSampleId :
PB129254BS

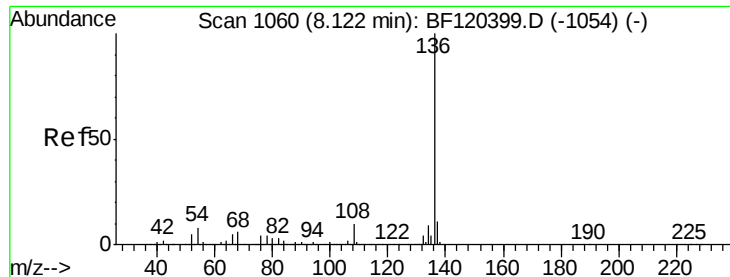
Tot Ion:	70	Resp:	286891
Ion	Ratio	Lower	Upper
70	100		
42	57.5	47.6	71.4
101	9.8	7.4	11.0
130	22.7	17.1	25.7



#20
3+4-Methylphenols
Concen: 31.351 ng
RT: 7.24 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF120531.D
Acq: 4 Jun 2020 14:03

Tgt Ion:	107	Resp:	416588
Ion	Ratio	Lower	Upper
107	100		
108	91.5	74.8	114.8
77	116.7	95.2	135.2
79	30.6	11.5	51.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.11 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BF120531.D

Acq: 4 Jun 2020 14:03

Instrument :

BNA_F

ClientSampleId :

PB129254BS

Tot Ion:136 Resp: 753995

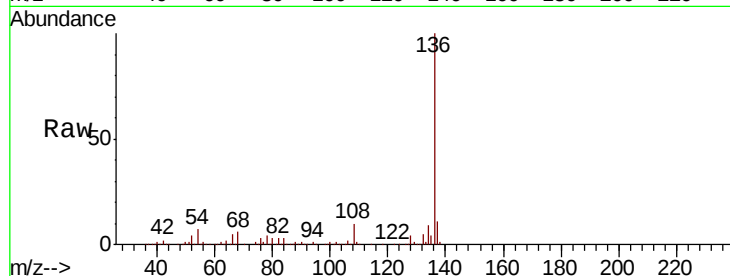
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 7.5 6.0 9.0

68 5.9 4.8 7.2

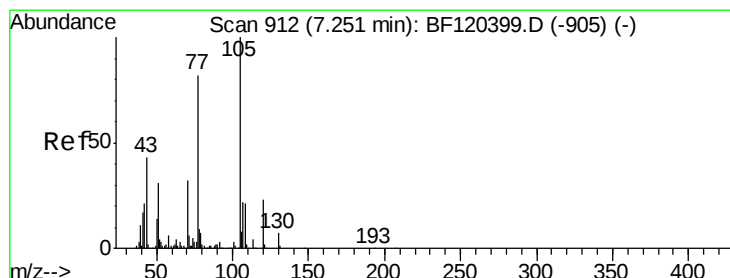
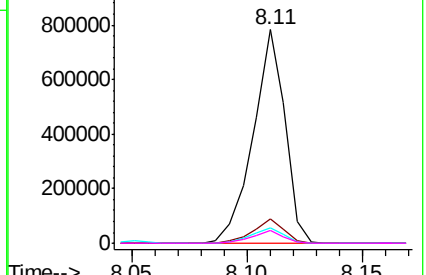
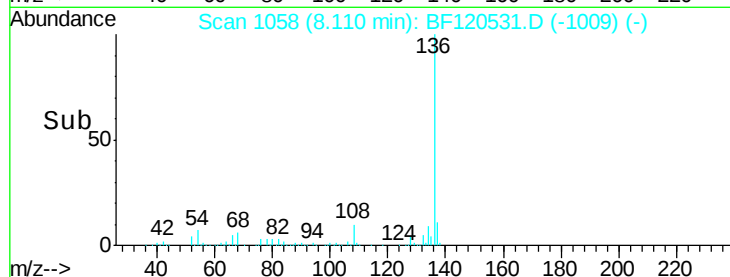


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 36.445 ng

RT: 7.24 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF120531.D

Acq: 4 Jun 2020 14:03

Tgt Ion:105 Resp: 558093

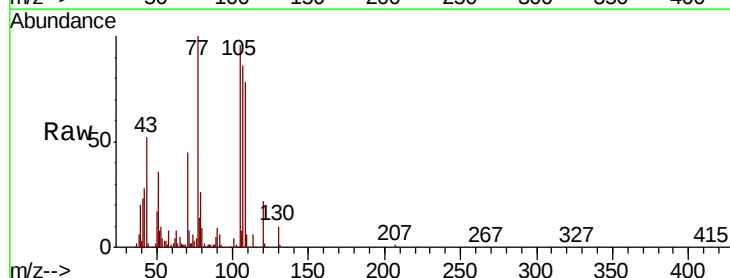
Ion Ratio Lower Upper

105 100

71 7.9 5.3 7.9#

51 37.0 31.4 47.0

120 22.7 17.7 26.5

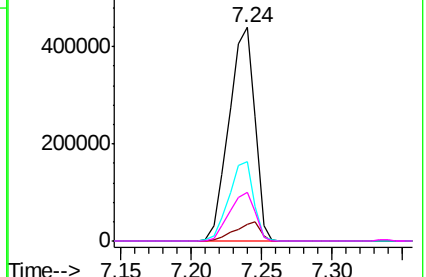
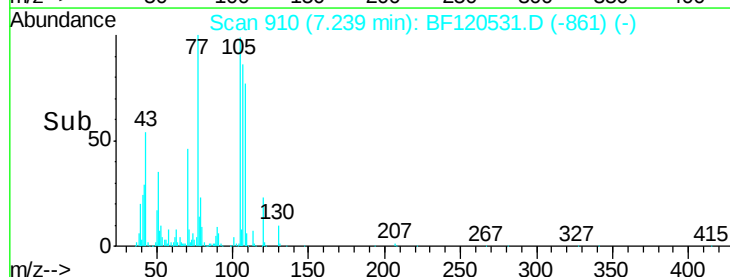


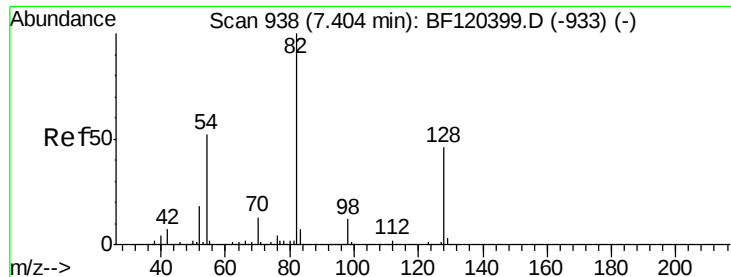
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

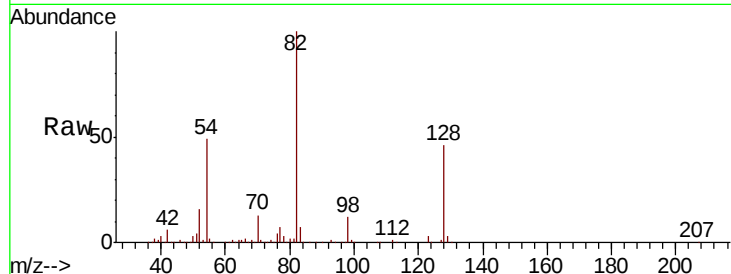




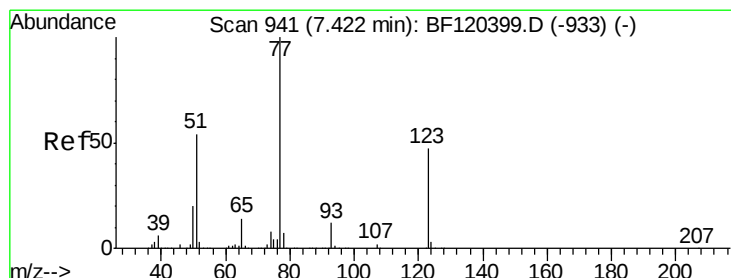
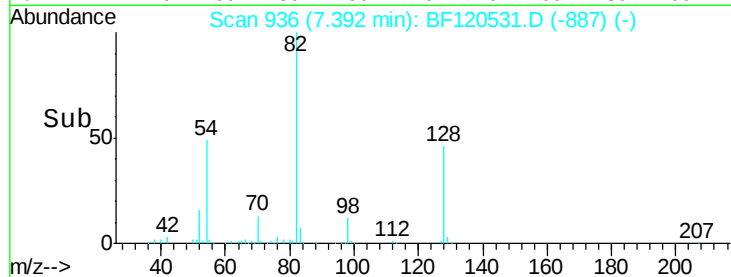
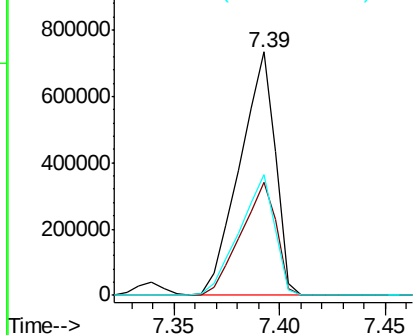
#23
Nitrobenzene-d5
Concen: 74.411 ng
RT: 7.39 min Scan# 936
Delta R.T. -0.01 min
Lab File: BF120531.D
Acq: 4 Jun 2020 14:03

Instrument :
BNA_F
ClientSampleId :
PB129254BS

Tot Ion	82	Resp	857710
Ion Ratio	100	Lower	Upper
128	46.4	37.4	56.0
54	49.5	40.7	61.1

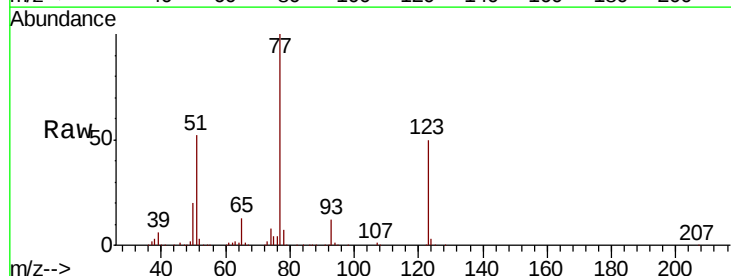


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

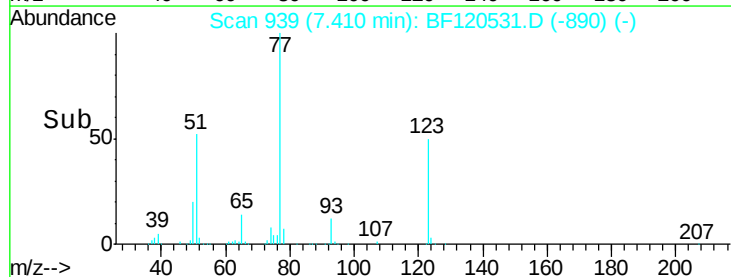
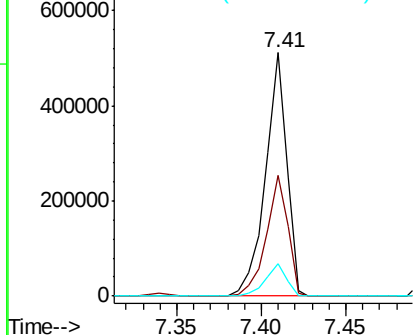


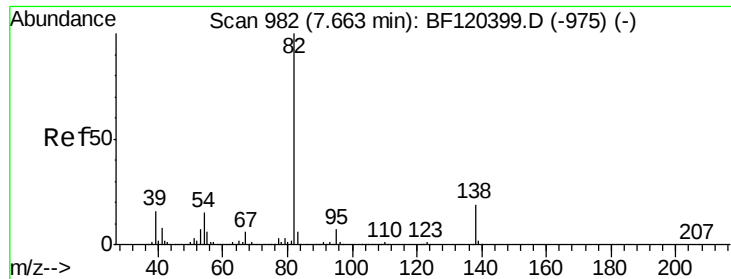
#24
Nitrobenzene
Concen: 35.989 ng
RT: 7.41 min Scan# 939
Delta R.T. -0.01 min
Lab File: BF120531.D
Acq: 4 Jun 2020 14:03

Tgt Ion	77	Resp	446866
Ion Ratio	100	Lower	Upper
123	49.6	39.0	58.6
65	13.4	11.0	16.6



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 36.064 ng

RT: 7.65 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF120531.D

Acq: 4 Jun 2020 14:03

Instrument :

BNA_F

ClientSampleId :

PB129254BS

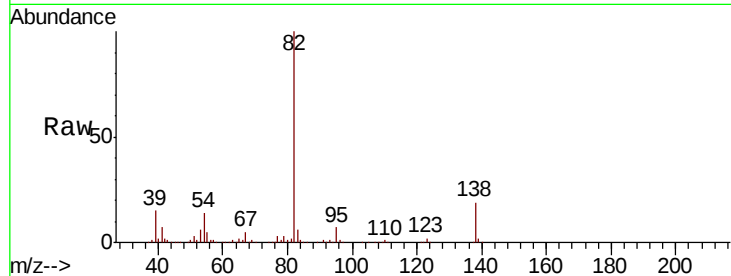
Tot Ion: 82 Resp: 835503

Ion Ratio Lower Upper

82 100

95 7.1 5.5 8.3

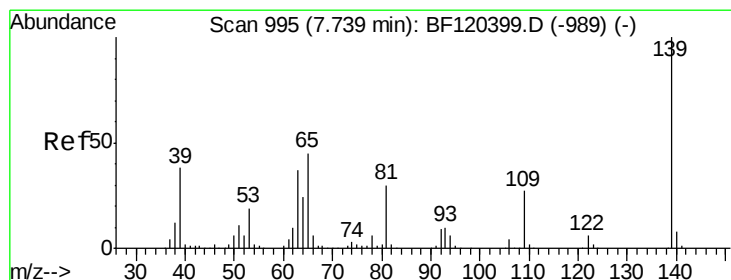
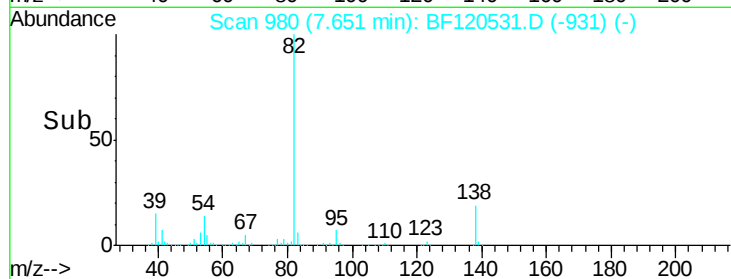
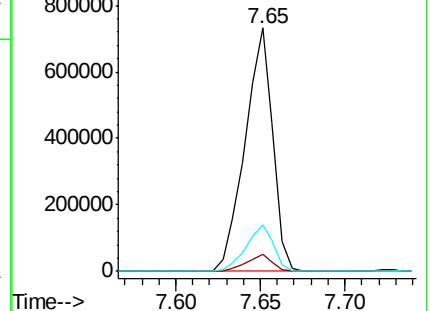
138 19.0 15.0 22.6



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 43.748 ng

RT: 7.73 min Scan# 993

Delta R.T. -0.01 min

Lab File: BF120531.D

Acq: 4 Jun 2020 14:03

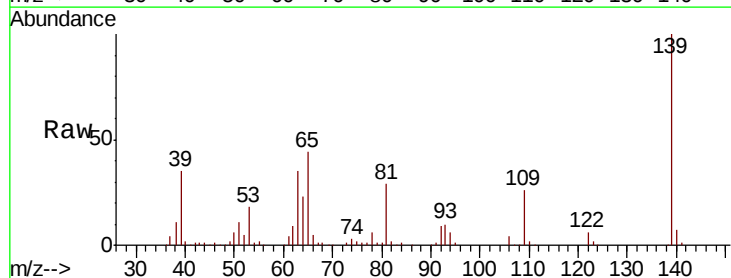
Tgt Ion: 139 Resp: 244914

Ion Ratio Lower Upper

139 100

109 26.1 19.7 29.5

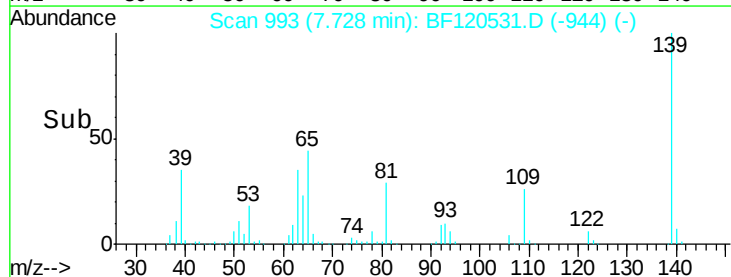
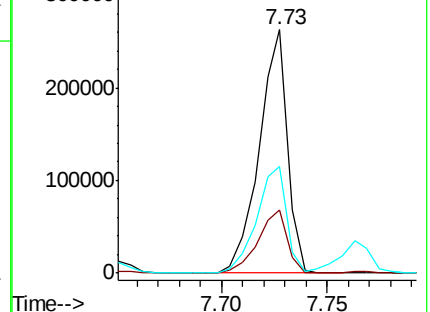
65 43.9 32.8 49.2

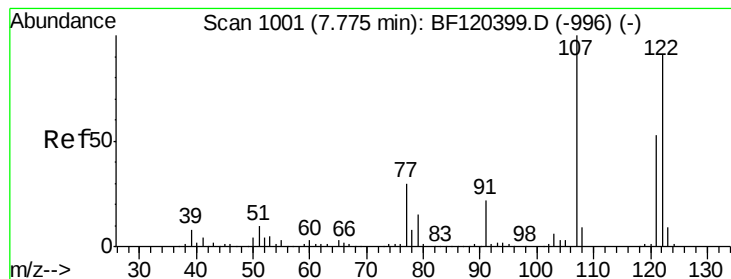


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 40.793 ng

RT: 7.76 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF120531.D

Acq: 4 Jun 2020 14:03

Instrument :

BNA_F

ClientSampleId :

PB129254BS

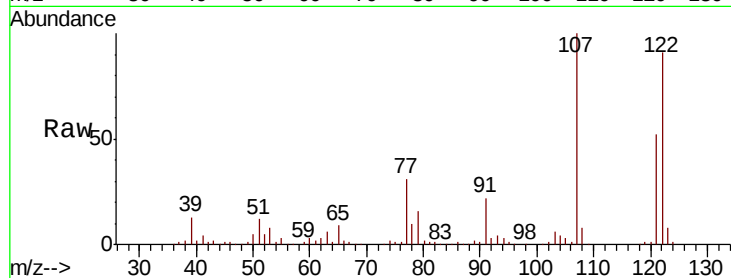
Tot Ion:122 Resp: 396591

Ion Ratio Lower Upper

122 100

107 109.4 88.4 132.6

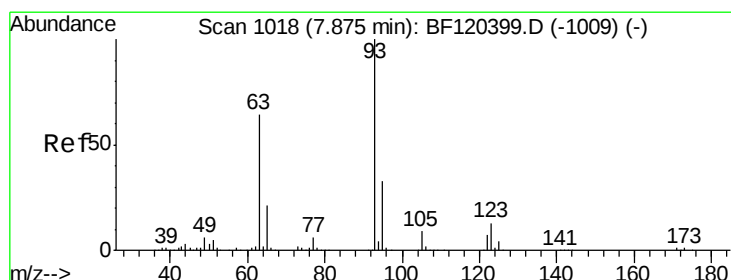
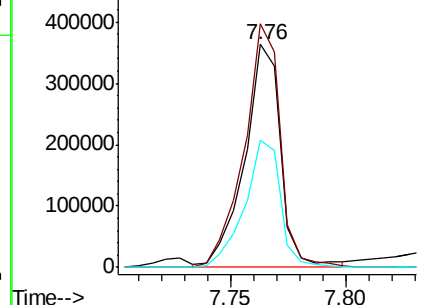
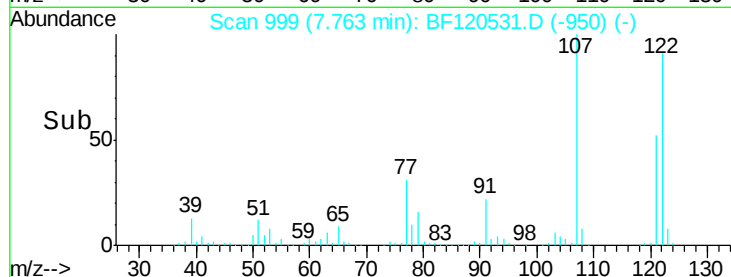
121 57.0 46.1 69.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.936 ng

RT: 7.86 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BF120531.D

Acq: 4 Jun 2020 14:03

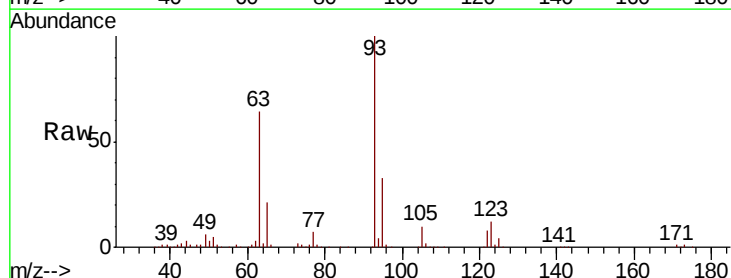
Tgt Ion: 93 Resp: 529259

Ion Ratio Lower Upper

93 100

95 32.8 26.4 39.6

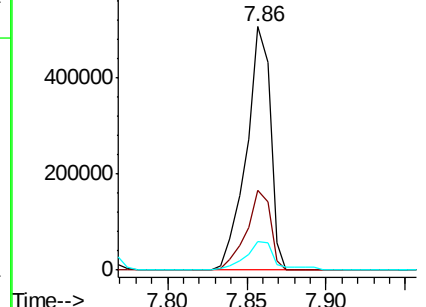
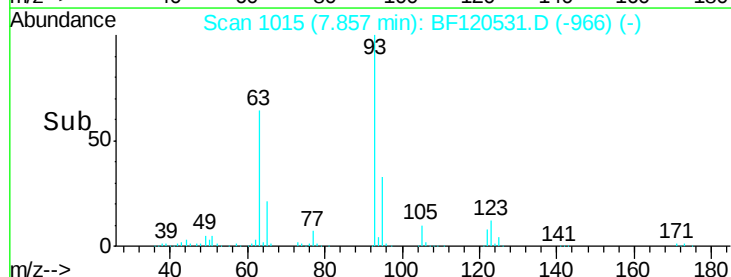
123 11.9 9.6 14.4

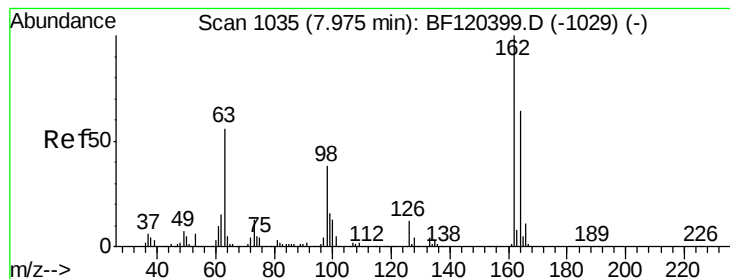


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 38.594 ng

RT: 7.97 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF120531.D

Acq: 4 Jun 2020 14:03

Instrument :

BNA_F

ClientSampleID :

PB129254BS

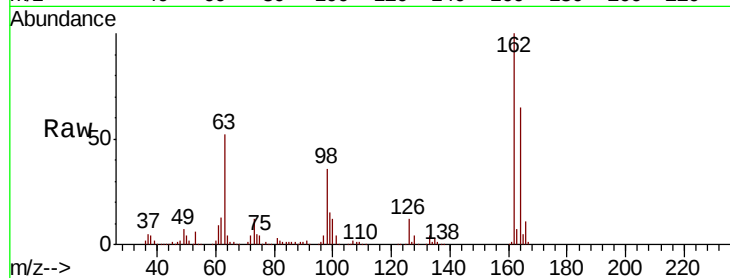
Tot Ion:162 Resp: 378985

Ion Ratio Lower Upper

162 100

164 64.6 44.4 84.4

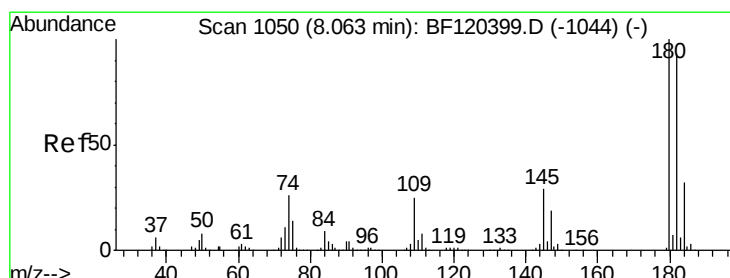
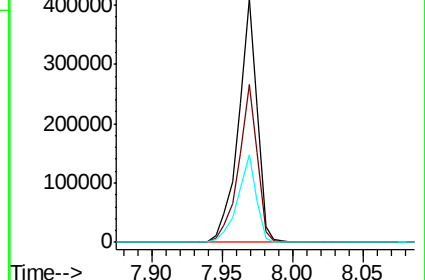
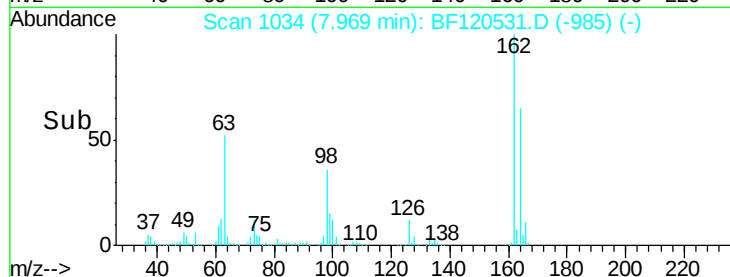
98 36.2 16.5 56.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 37.652 ng

RT: 8.05 min Scan# 1048

Delta R.T. -0.01 min

Lab File: BF120531.D

Acq: 4 Jun 2020 14:03

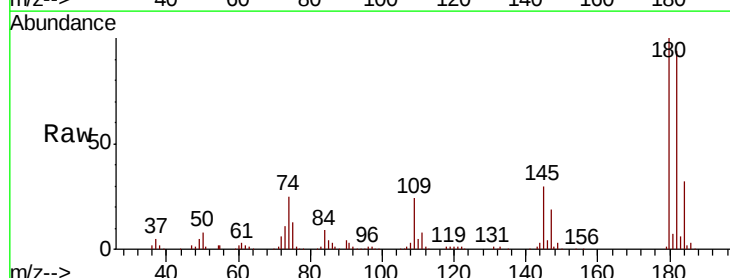
Tgt Ion:180 Resp: 414923

Ion Ratio Lower Upper

180 100

182 93.6 75.7 113.5

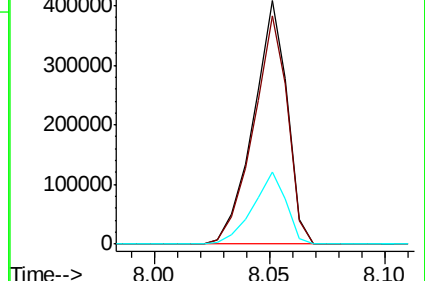
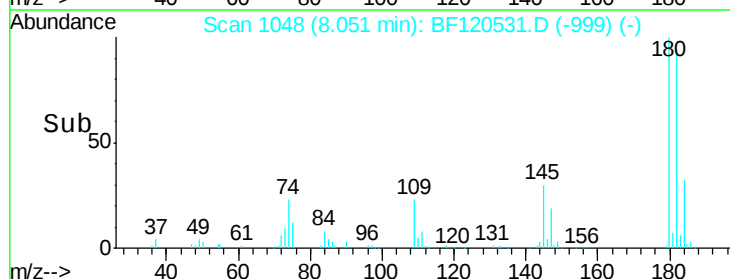
145 29.7 23.5 35.3

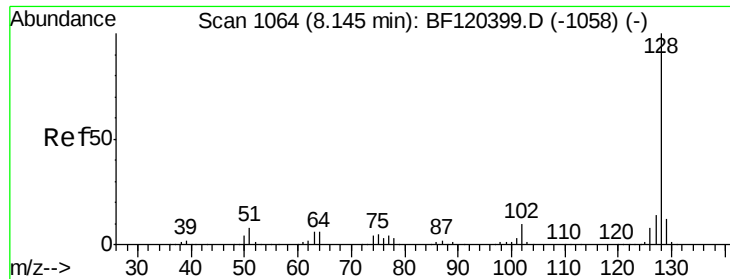


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

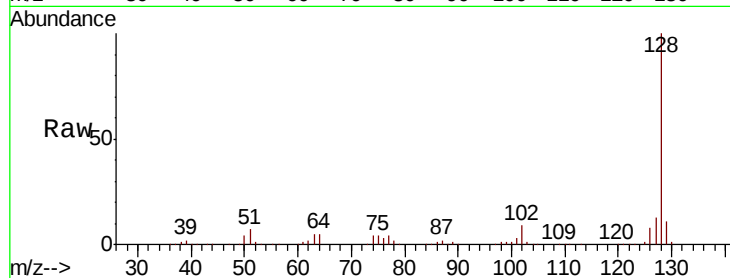




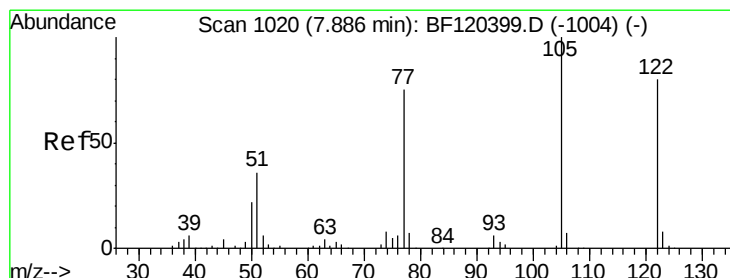
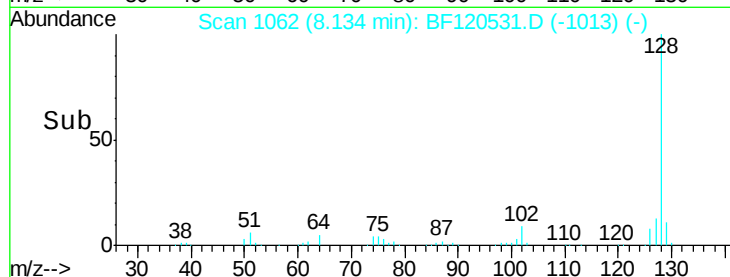
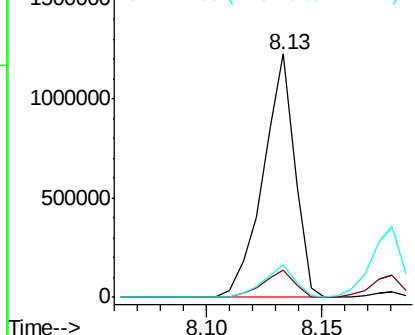
#31
Naphthalene
Concen: 35.271 ng
RT: 8.13 min Scan# 1062
Delta R.T. -0.01 min
Lab File: BF120531.D
Acq: 4 Jun 2020 14:03

Instrument :
BNA_F
ClientSampleId :
PB129254BS

Tot Ion:128 Resp: 1167961
Ion Ratio Lower Upper
128 100
129 11.4 9.2 13.8
127 13.4 11.0 16.6

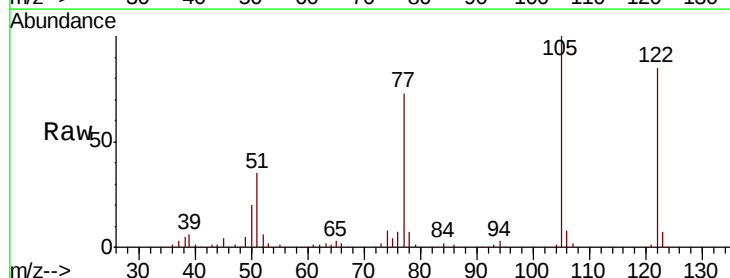


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

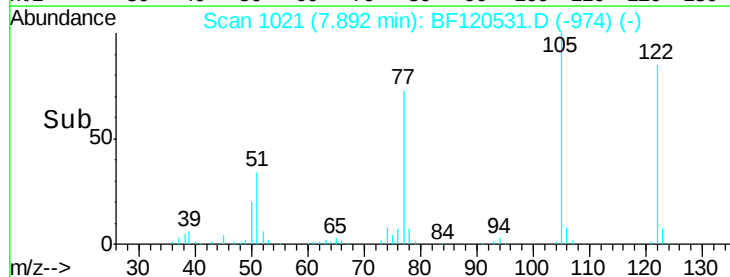
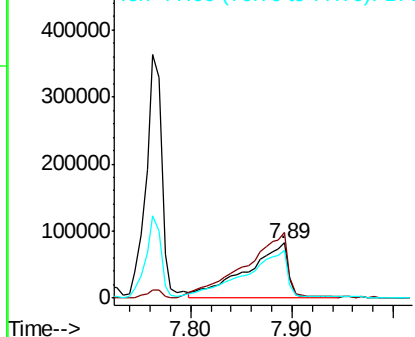


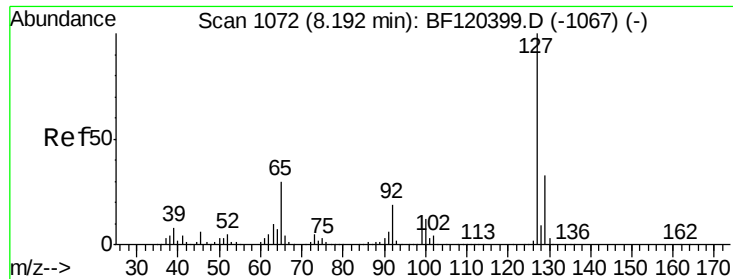
#32
Benzoic acid
Concen: 32.549 ng
RT: 7.89 min Scan# 1021
Delta R.T. -0.02 min
Lab File: BF120531.D
Acq: 4 Jun 2020 14:03

Tgt Ion:122 Resp: 234828
Ion Ratio Lower Upper
122 100
105 117.9 100.7 140.7
77 85.6 68.3 108.3



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

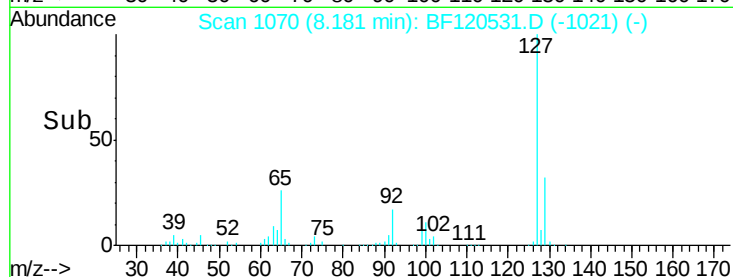
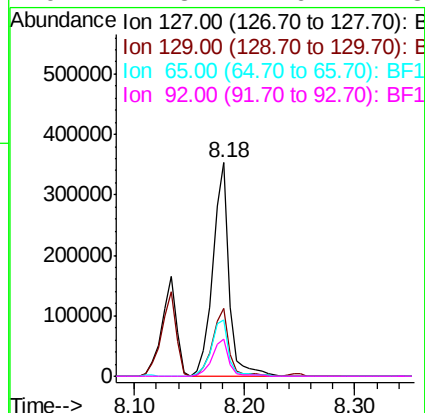
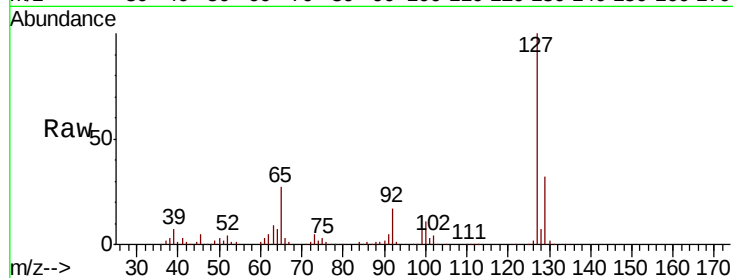




#33
4-Chloroaniline
Concen: 24.151 ng
RT: 8.18 min Scan# 1070
Delta R.T. -0.01 min
Lab File: BF120531.D
Acq: 4 Jun 2020 14:03

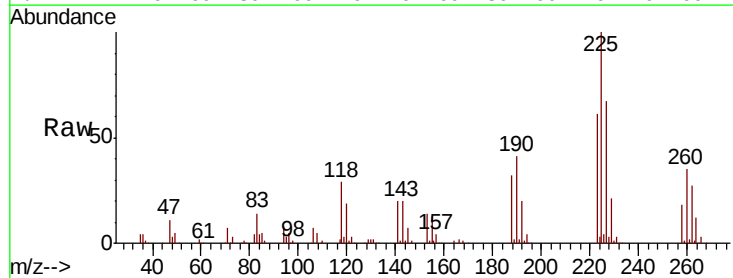
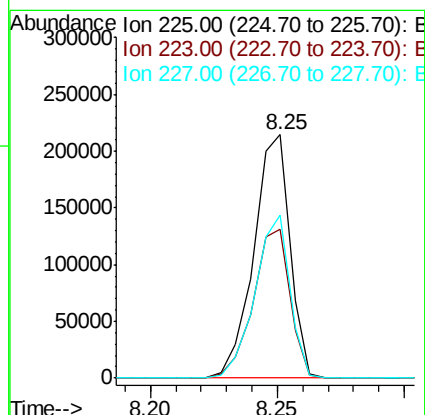
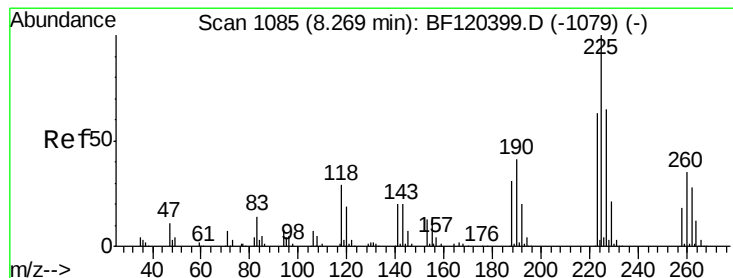
Instrument :
BNA_F
ClientSampleId :
PB129254BS

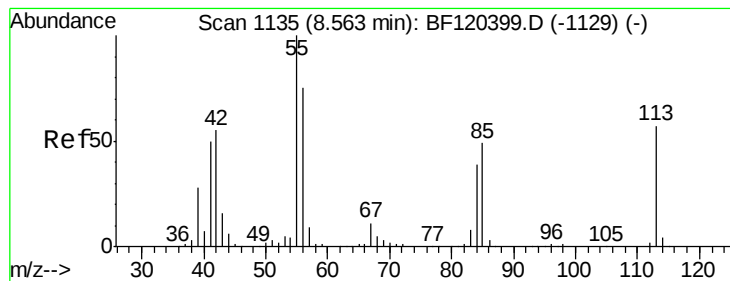
Tot Ion:	127	Resp:	354432
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.8	38.8
65	26.6	22.7	34.1
92	17.3	14.6	21.8



#34
Hexachlorobutadiene
Concen: 32.895 ng
RT: 8.25 min Scan# 1082
Delta R.T. -0.01 min
Lab File: BF120531.D
Acq: 4 Jun 2020 14:03

Tgt Ion:	225	Resp:	214870
Ion	Ratio	Lower	Upper
225	100		
223	61.3	51.5	77.3
227	66.8	51.9	77.9





#35

Caprolactam

Concen: 15.894 ng

RT: 8.56 min Scan# 1134

Delta R.T. -0.02 min

Lab File: BF120531.D

Acq: 4 Jun 2020 14:03

Instrument :

BNA_F

ClientSampleId :

PB129254BS

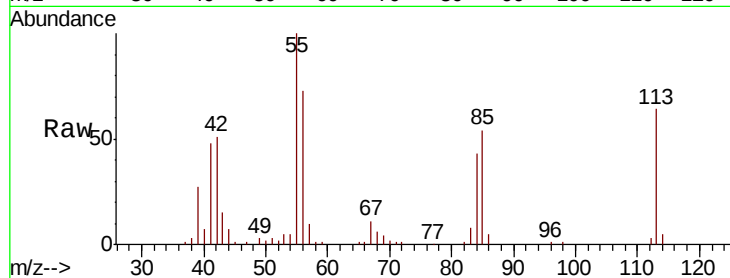
Tot Ion:113 Resp: 50545

Ion Ratio Lower Upper

113 100

55 156.9 132.3 172.3

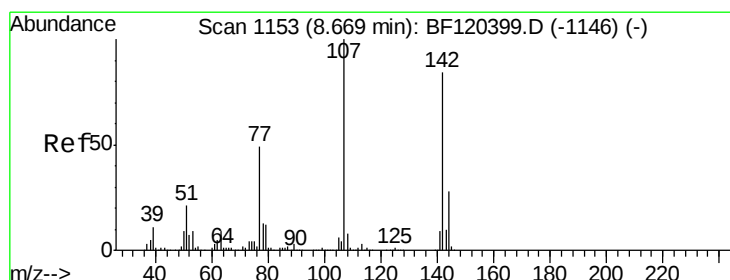
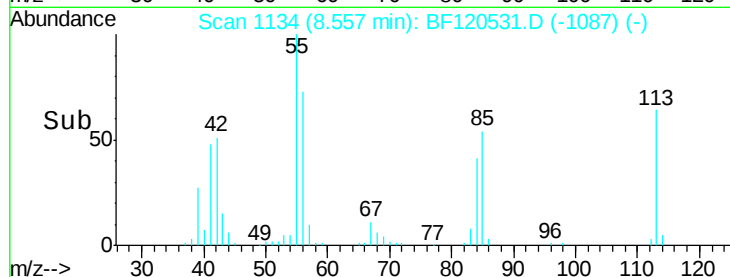
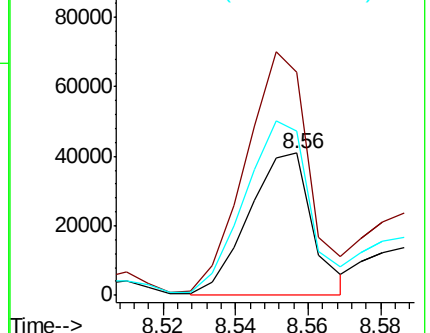
56 115.0 92.2 132.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 35.225 ng

RT: 8.67 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF120531.D

Acq: 4 Jun 2020 14:03

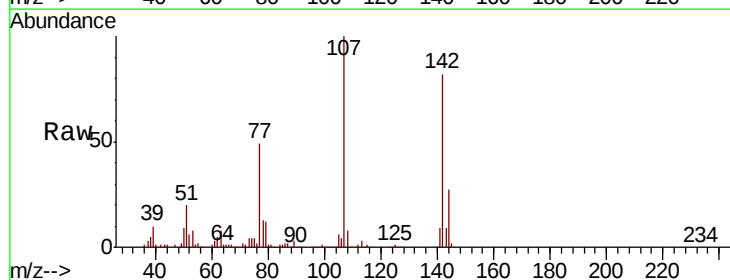
Tgt Ion:107 Resp: 350936

Ion Ratio Lower Upper

107 100

144 27.1 22.5 33.7

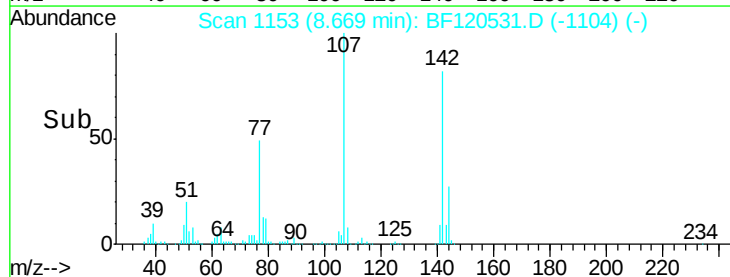
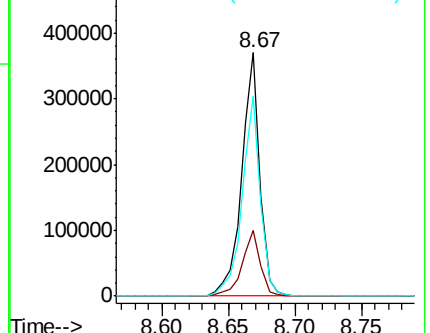
142 82.1 69.2 103.8

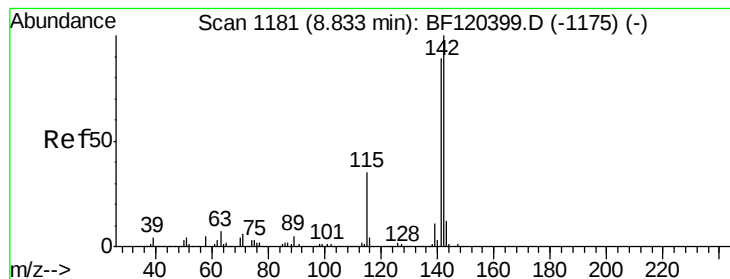


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 34.872 ng

RT: 8.83 min Scan# 1180

Delta R.T. -0.01 min

Lab File: BF120531.D

Acq: 4 Jun 2020 14:03

Instrument :

BNA_F

ClientSampleId :

PB129254BS

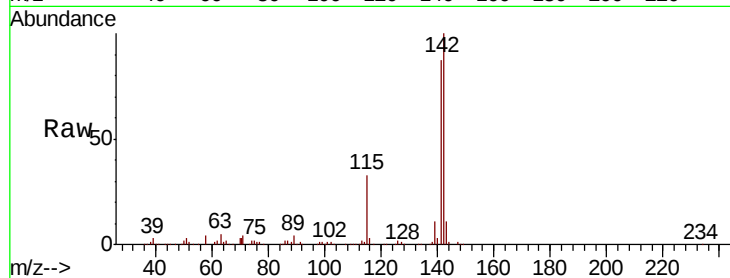
Tot Ion:142 Resp: 764873

Ion Ratio Lower Upper

142 100

141 87.2 70.6 106.0

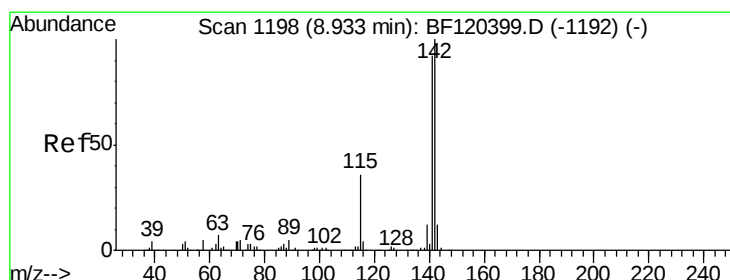
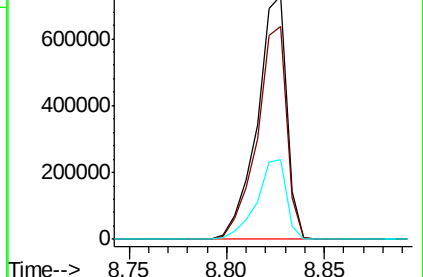
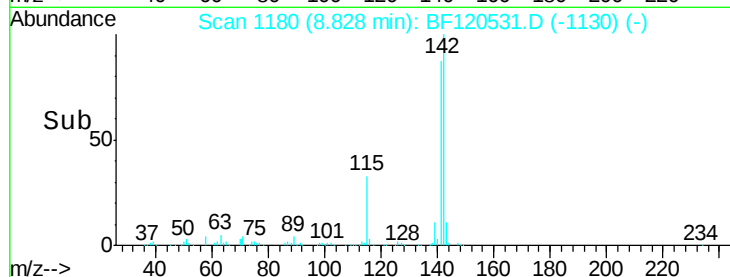
115 32.6 27.5 41.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 37.525 ng

RT: 8.93 min Scan# 1197

Delta R.T. -0.01 min

Lab File: BF120531.D

Acq: 4 Jun 2020 14:03

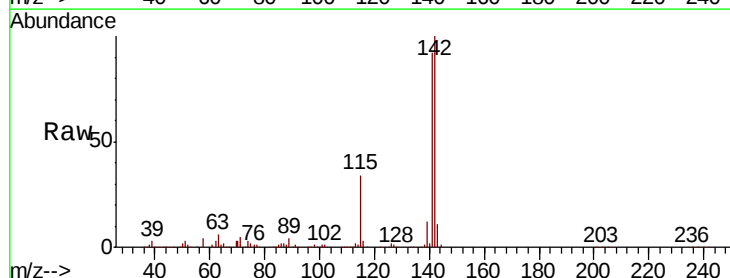
Tgt Ion:142 Resp: 776895

Ion Ratio Lower Upper

142 100

141 92.3 73.5 110.3

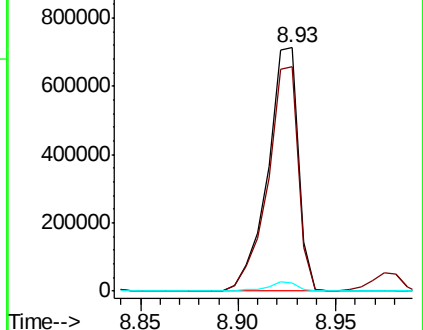
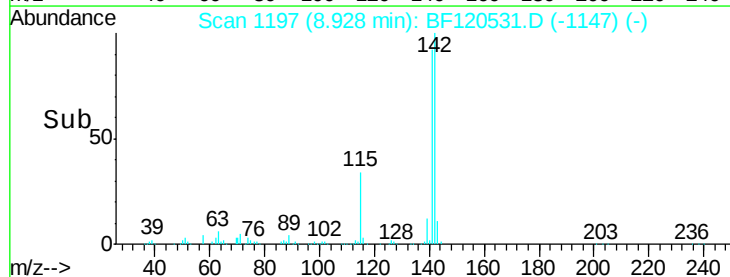
116 3.5 3.0 4.6

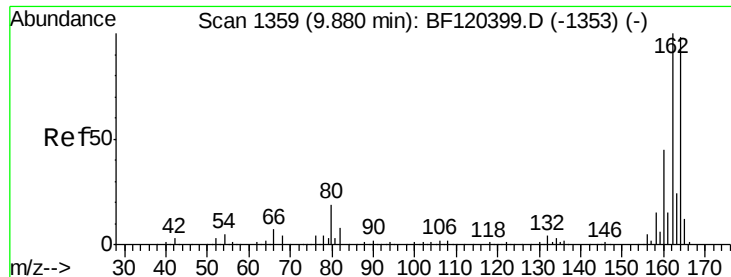


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1357

Delta R.T. -0.01 min

Lab File: BF120531.D

Acq: 4 Jun 2020 14:03

Instrument :

BNA_F

ClientSampleId :

PB129254BS

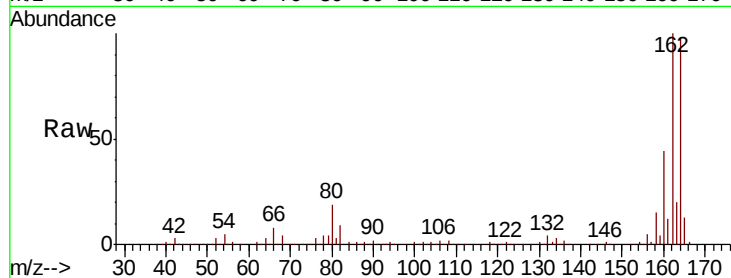
Tot Ion:164 Resp: 390412

Ion Ratio Lower Upper

164 100

162 102.0 81.8 122.6

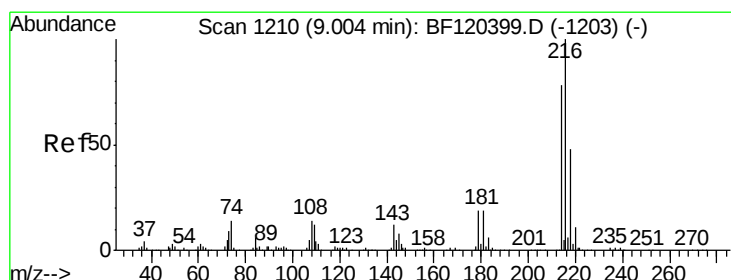
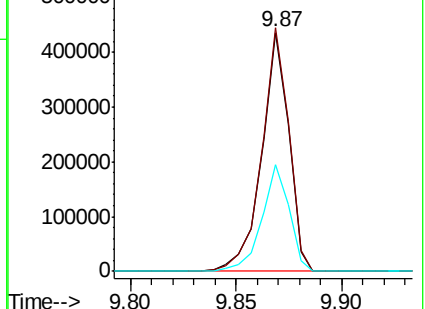
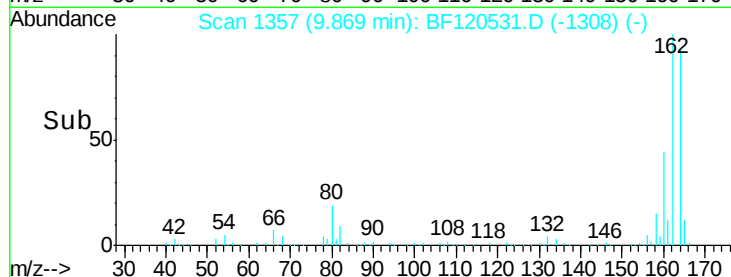
160 44.9 37.3 55.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.378 ng

RT: 8.99 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF120531.D

Acq: 4 Jun 2020 14:03

Tgt Ion:216 Resp: 394247

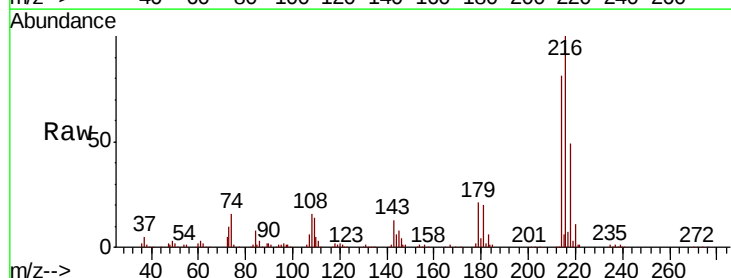
Ion Ratio Lower Upper

216 100

214 80.5 62.6 93.8

179 20.6 16.4 24.6

108 20.2 14.7 22.1

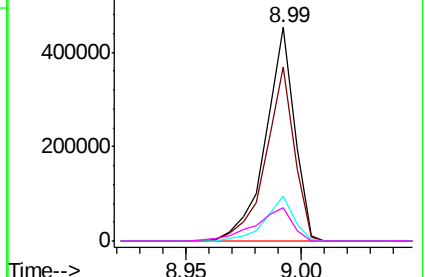
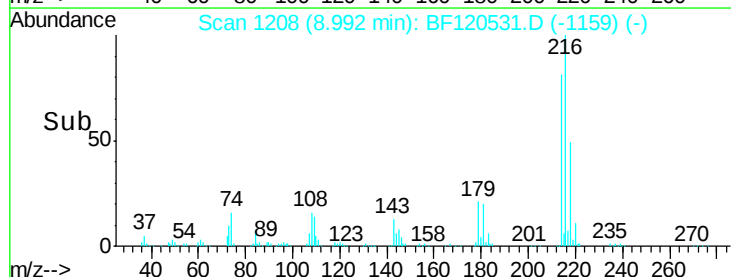


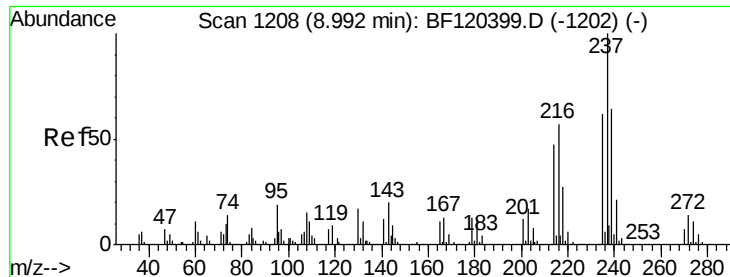
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 88.342 ng

RT: 8.98 min Scan# 1206

Delta R.T. -0.01 min

Lab File: BF120531.D

Acq: 4 Jun 2020 14:03

Instrument :

BNA_F

ClientSampleId :

PB129254BS

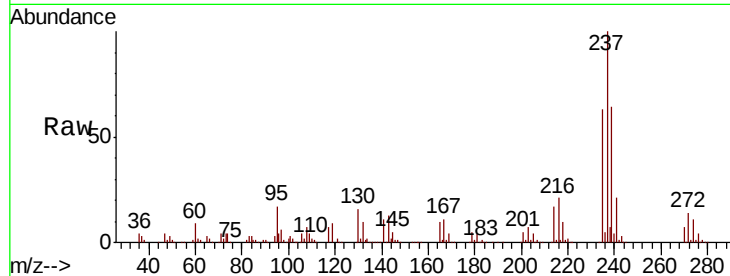
Tot Ion:237 Resp: 493631

Ion Ratio Lower Upper

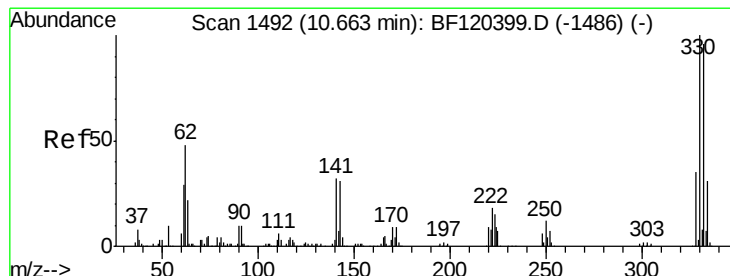
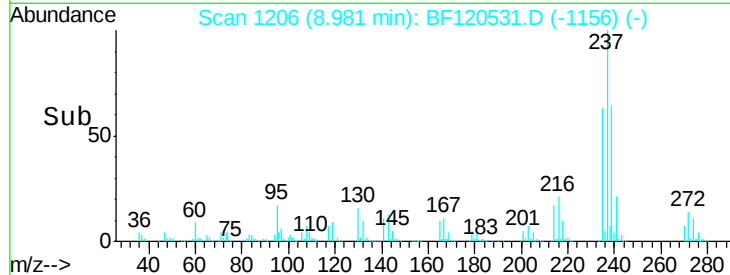
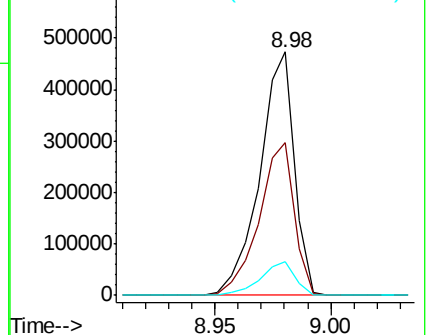
237 100

235 62.9 44.1 84.1

272 14.0 0.0 33.6



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 112.201 ng

RT: 10.66 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BF120531.D

Acq: 4 Jun 2020 14:03

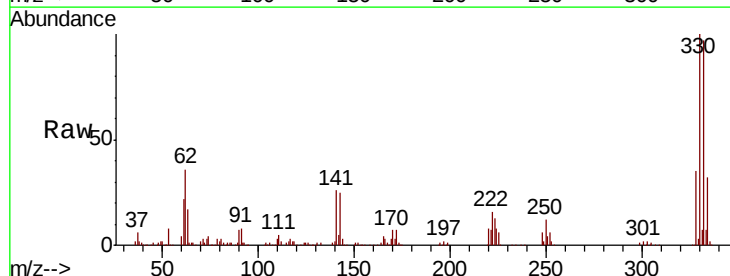
Tgt Ion:330 Resp: 405870

Ion Ratio Lower Upper

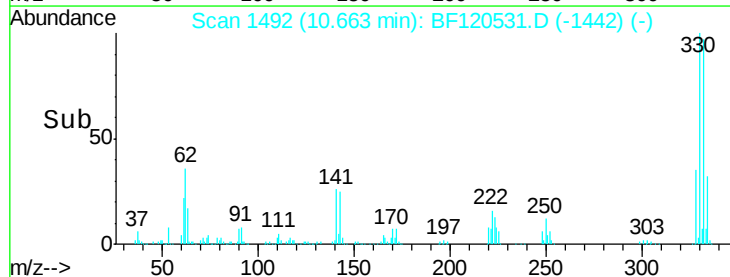
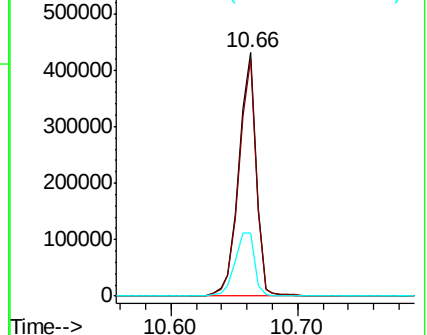
330 100

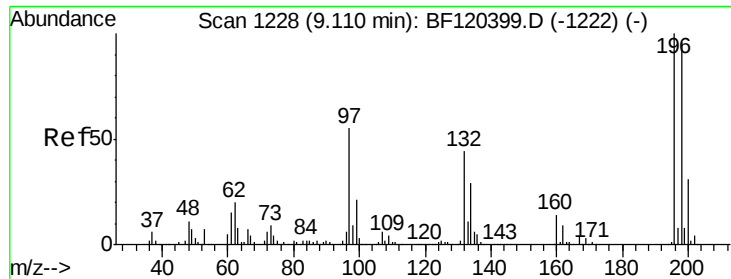
332 96.9 77.4 116.2

141 29.3 23.5 35.3



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

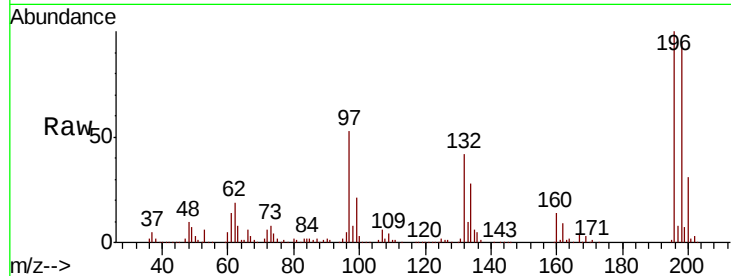




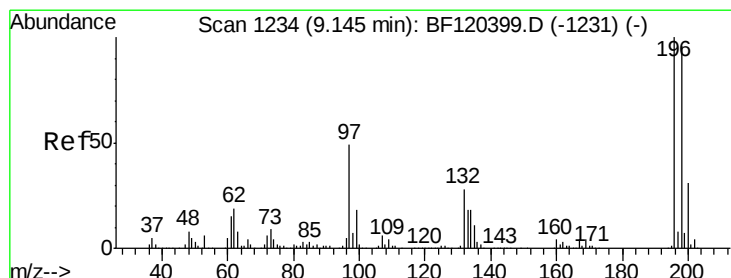
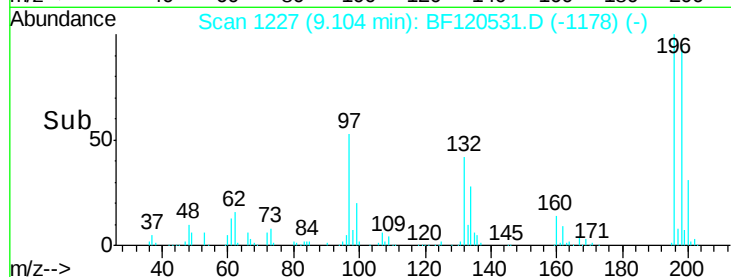
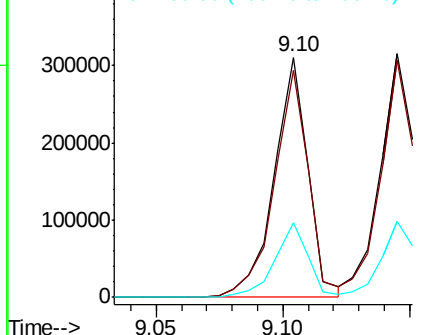
#43
 2,4,6-Trichlorophenol
 Concen: 39.680 ng
 RT: 9.10 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: BF120531.D
 Acq: 4 Jun 2020 14:03

Instrument :
 BNA_F
 ClientSampleId :
 PB129254BS

Tot Ion:196 Resp: 287322
 Ion Ratio Lower Upper
 196 100
 198 94.5 76.6 115.0
 200 31.0 24.9 37.3



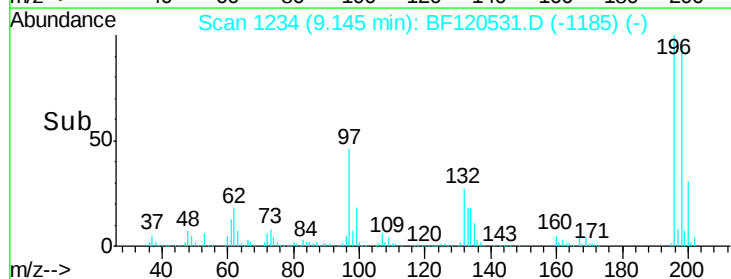
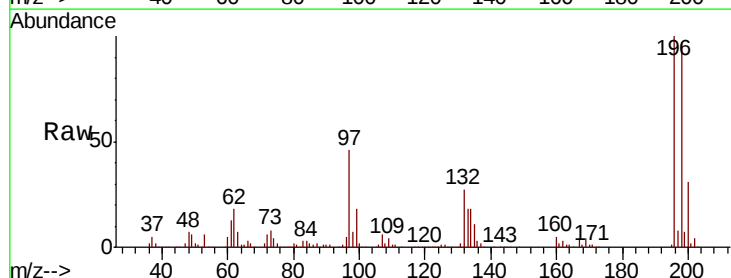
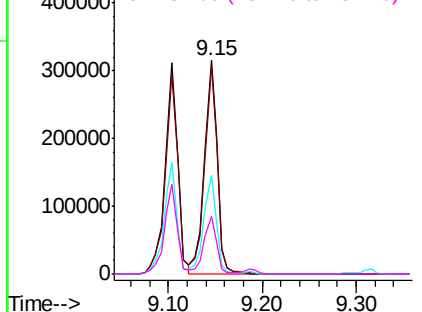
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

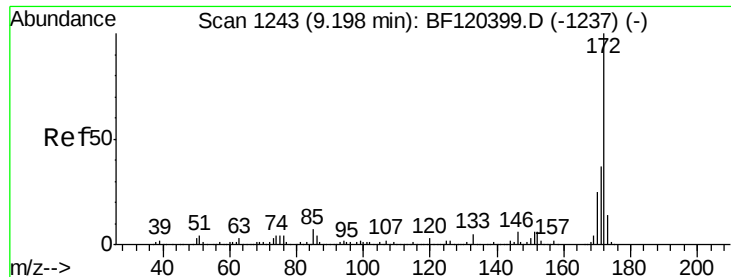


#44
 2,4,5-Trichlorophenol
 Concen: 36.791 ng
 RT: 9.15 min Scan# 1234
 Delta R.T. -0.01 min
 Lab File: BF120531.D
 Acq: 4 Jun 2020 14:03

Tgt Ion:196 Resp: 301981
 Ion Ratio Lower Upper
 196 100
 198 97.2 76.7 115.1
 97 46.4 36.3 54.5
 132 27.0 21.3 31.9

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

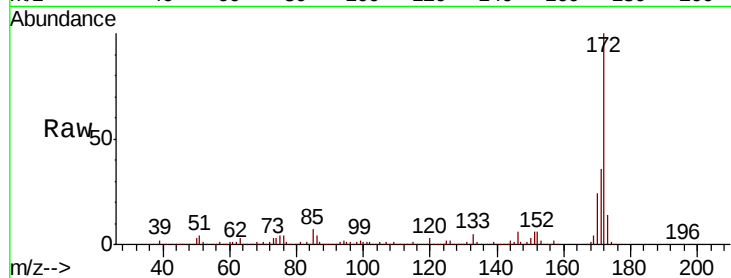




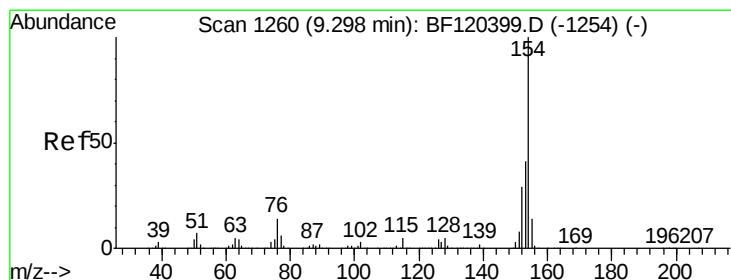
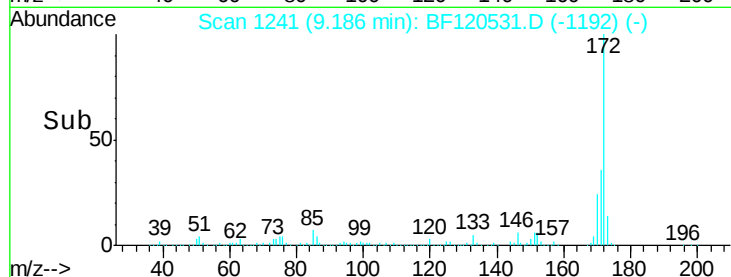
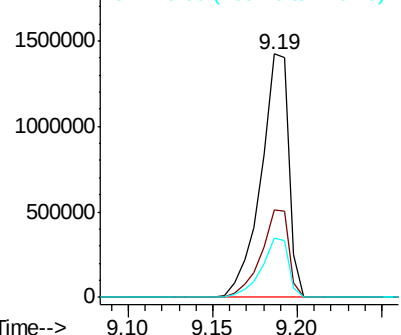
#45
2-Fluorobiphenyl
Concen: 71.125 ng
RT: 9.19 min Scan# 1241
Delta R.T. -0.01 min
Lab File: BF120531.D
Acq: 4 Jun 2020 14:03

Instrument :
BNA_F
ClientSampleId :
PB129254BS

Tot Ion:172 Resp: 1636594
Ion Ratio Lower Upper
172 100
171 36.0 29.2 43.8
170 24.2 20.1 30.1

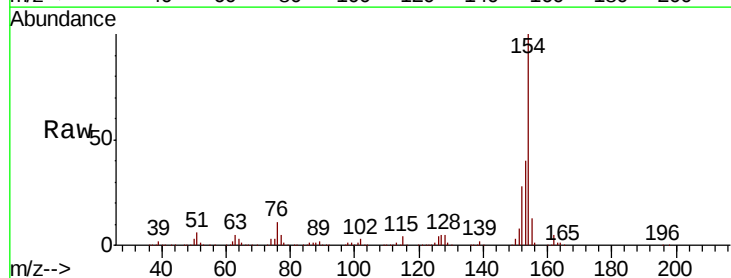


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

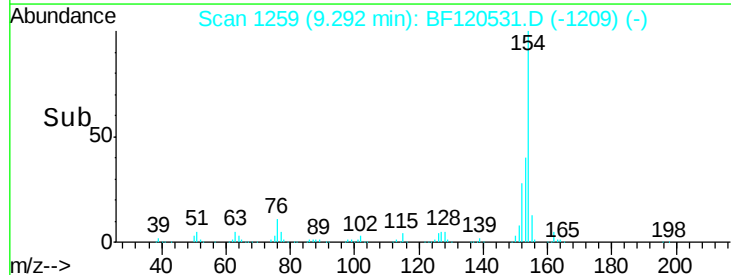
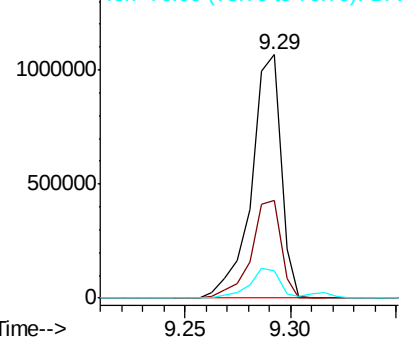


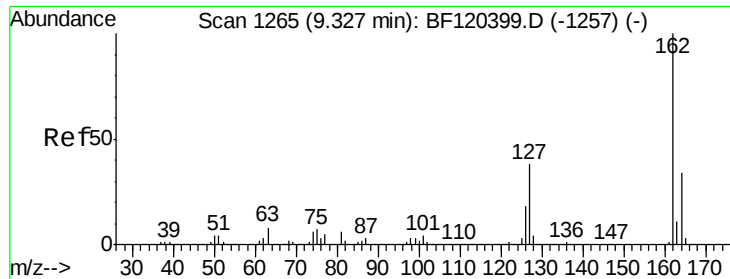
#46
1,1'-Biphenyl
Concen: 40.611 ng
RT: 9.29 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BF120531.D
Acq: 4 Jun 2020 14:03

Tgt Ion:154 Resp: 1041547
Ion Ratio Lower Upper
154 100
153 40.0 21.5 61.5
76 11.2 0.0 33.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

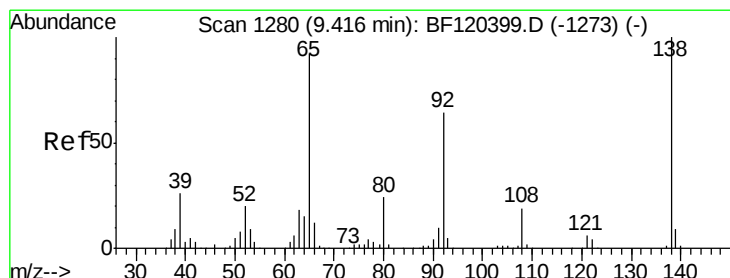
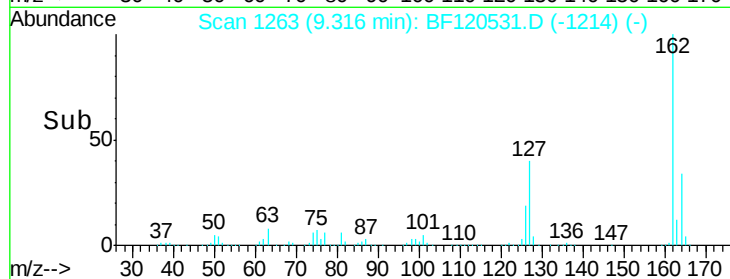
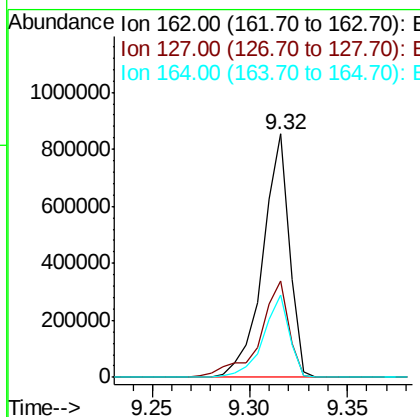
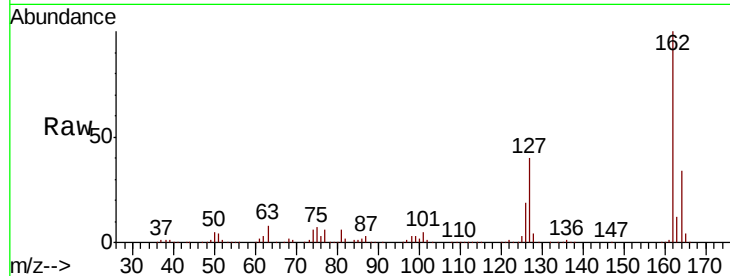




#47
 2-Chloronaphthalene
 Concen: 38.051 ng
 RT: 9.32 min Scan# 1263
 Delta R.T. -0.01 min
 Lab File: BF120531.D
 Acq: 4 Jun 2020 14:03

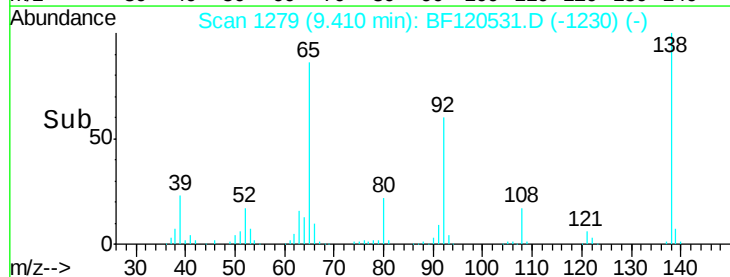
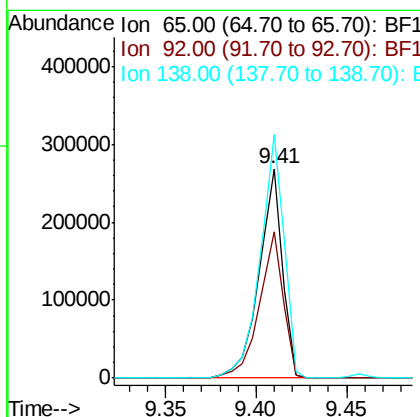
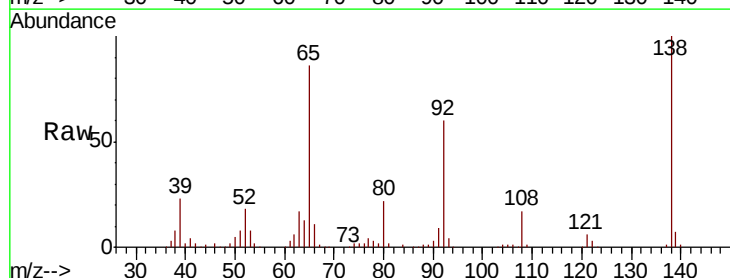
Instrument :
 BNA_F
 ClientSampleId :
 PB129254BS

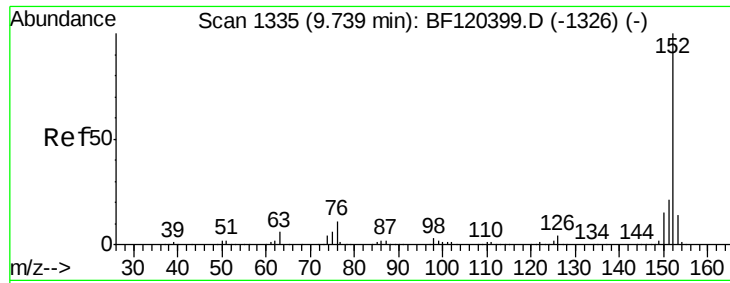
Tot Ion:162 Resp: 803588
 Ion Ratio Lower Upper
 162 100
 127 39.6 31.4 47.2
 164 33.6 27.2 40.8



#48
 2-Nitroaniline
 Concen: 37.595 ng
 RT: 9.41 min Scan# 1279
 Delta R.T. -0.01 min
 Lab File: BF120531.D
 Acq: 4 Jun 2020 14:03

Tgt Ion: 65 Resp: 241828
 Ion Ratio Lower Upper
 65 100
 92 69.8 58.5 87.7
 138 116.3 97.2 145.8





#49

Acenaphthylene

Concen: 39.375 ng

RT: 9.73 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF120531.D

Acq: 4 Jun 2020 14:03

Instrument :

BNA_F

ClientSampleId :

PB129254BS

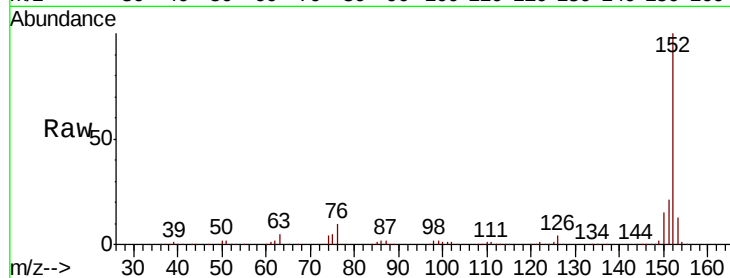
Tot Ion:152 Resp: 1285016

Ion Ratio Lower Upper

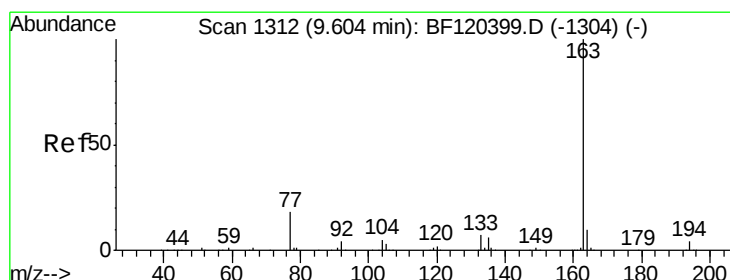
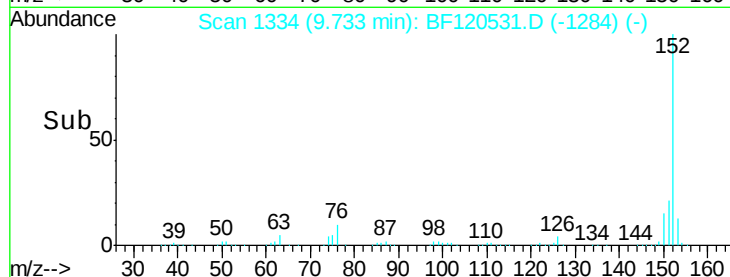
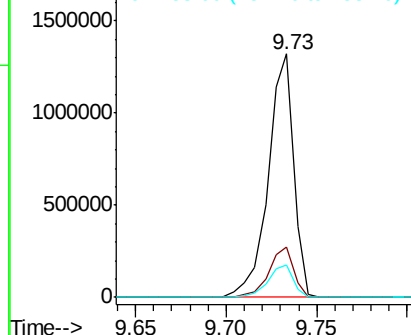
152 100

151 20.6 16.5 24.7

153 13.2 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.883 ng

RT: 9.59 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF120531.D

Acq: 4 Jun 2020 14:03

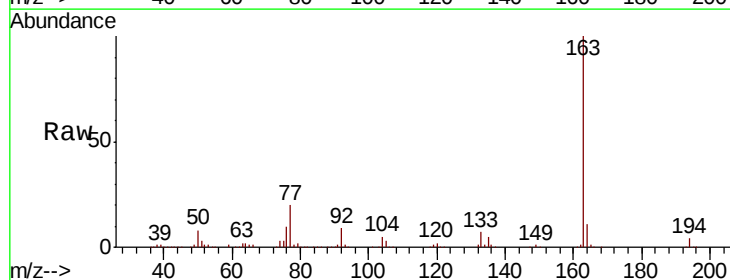
Tgt Ion:163 Resp: 924624

Ion Ratio Lower Upper

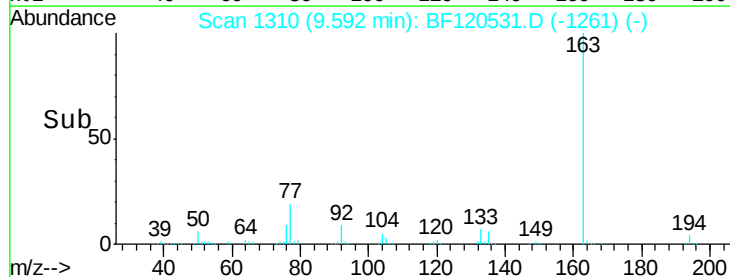
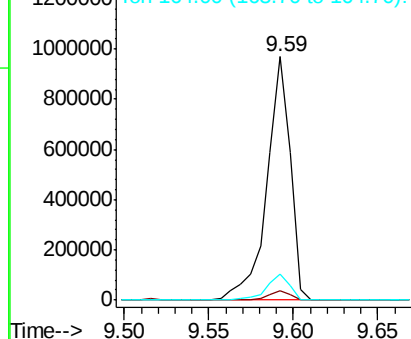
163 100

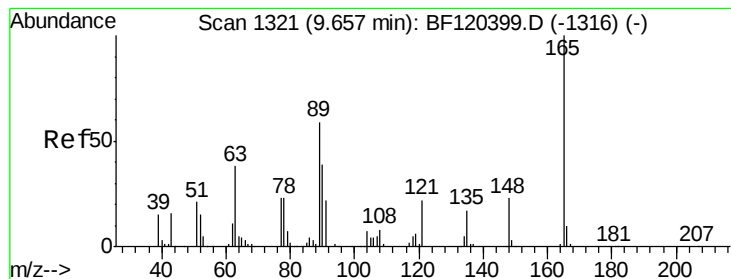
194 3.9 3.1 4.7

164 10.6 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 39.106 ng

RT: 9.65 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF120531.D

Acq: 4 Jun 2020 14:03

Instrument :

BNA_F

ClientSampleId :

PB129254BS

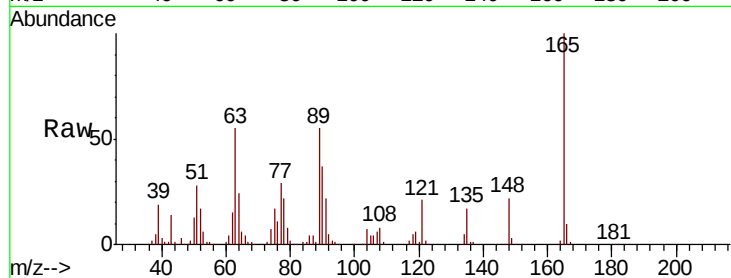
Tot Ion:165 Resp: 212118

Ion Ratio Lower Upper

165 100

63 54.6 43.0 64.6

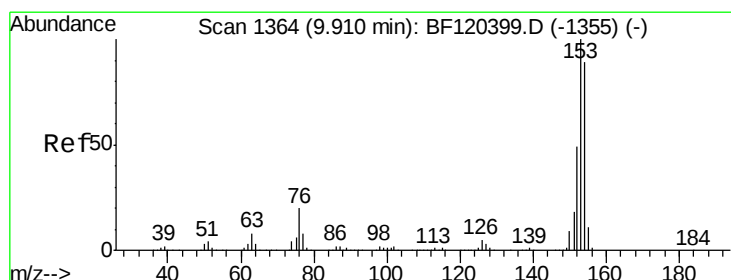
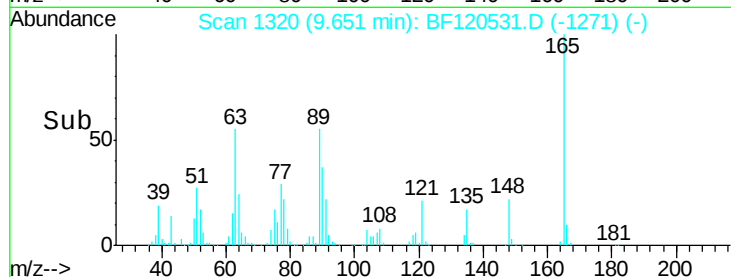
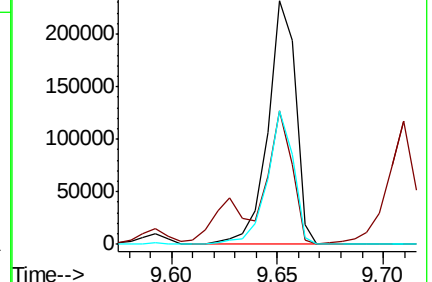
89 55.1 43.8 65.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 37.498 ng

RT: 9.90 min Scan# 1363

Delta R.T. -0.01 min

Lab File: BF120531.D

Acq: 4 Jun 2020 14:03

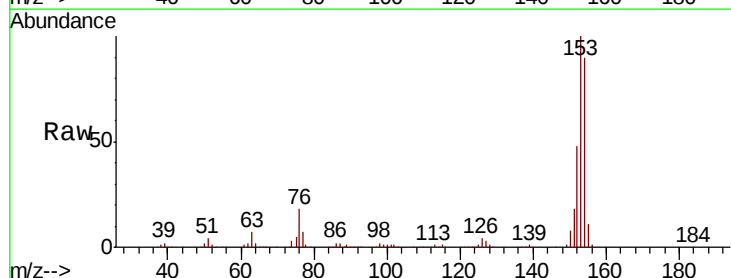
Tgt Ion:154 Resp: 763757

Ion Ratio Lower Upper

154 100

153 111.5 89.8 134.8

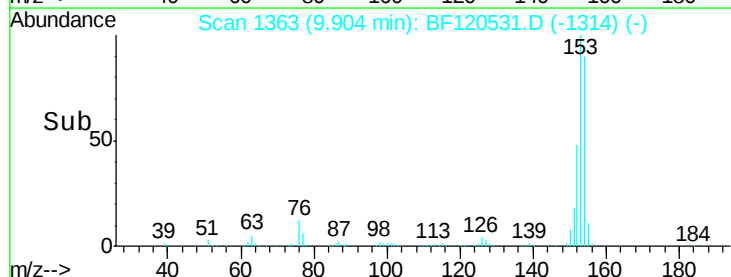
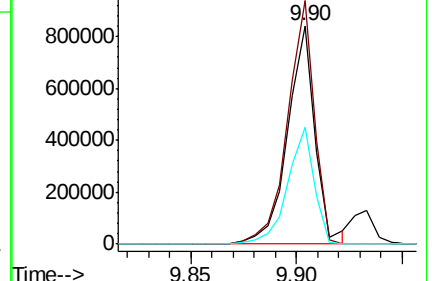
152 53.8 43.8 65.6

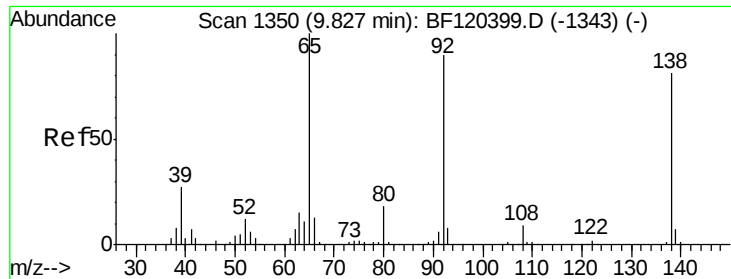


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

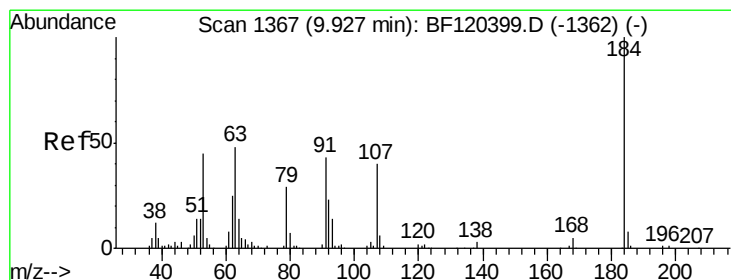
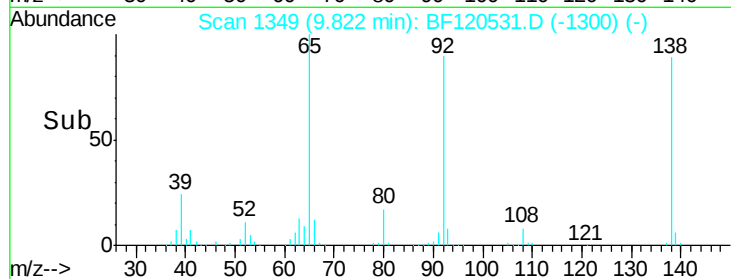
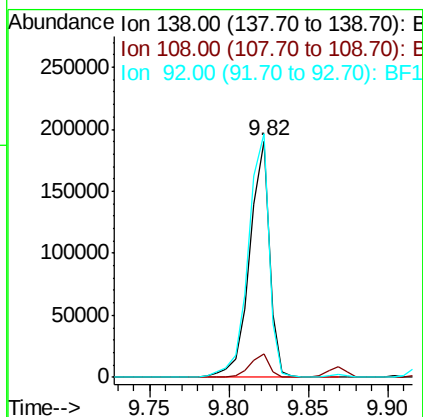
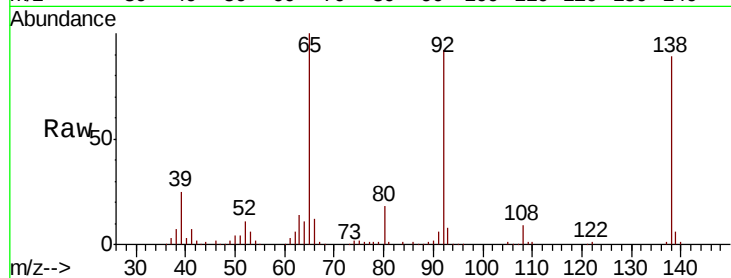




#53
 3-Nitroaniline
 Concen: 25.913 ng
 RT: 9.82 min Scan# 1349
 Delta R.T. -0.01 min
 Lab File: BF120531.D
 Acq: 4 Jun 2020 14:03

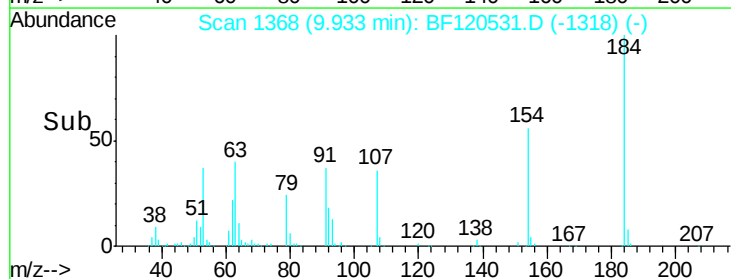
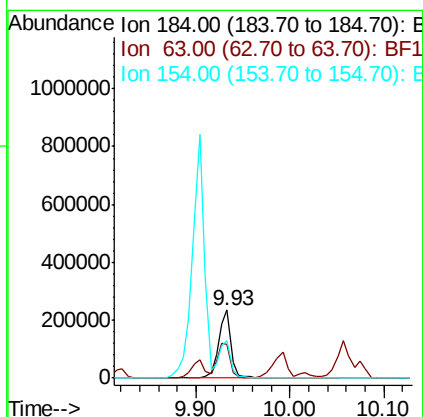
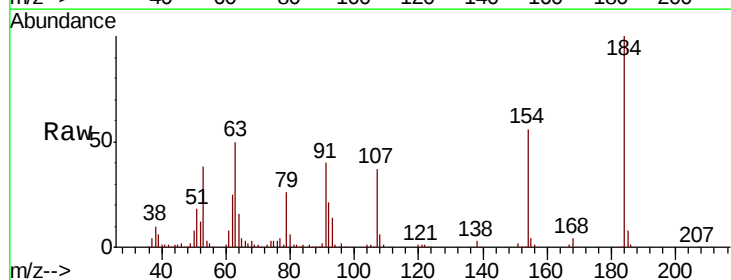
Instrument :
 BNA_F
 ClientSampleId :
 PB129254BS

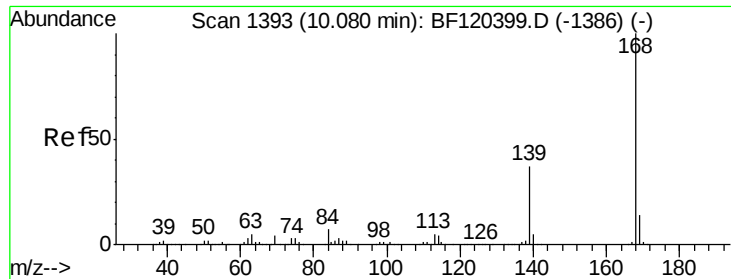
Tot Ion:138 Resp: 165051
 Ion Ratio Lower Upper
 138 100
 108 9.7 7.9 11.9
 92 103.2 86.4 129.6



#54
 2,4-Dinitrophenol
 Concen: 99.006 ng
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: BF120531.D
 Acq: 4 Jun 2020 14:03

Tgt Ion:184 Resp: 220640
 Ion Ratio Lower Upper
 184 100
 63 49.5 42.0 63.0
 154 55.6 44.5 66.7

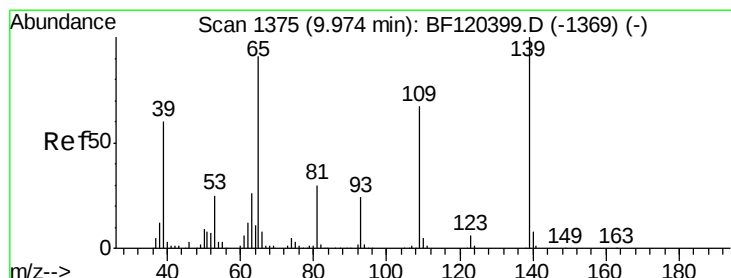
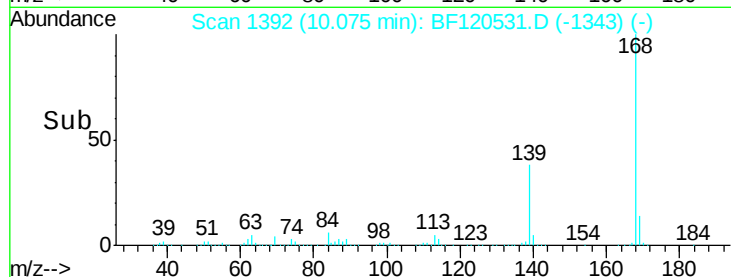
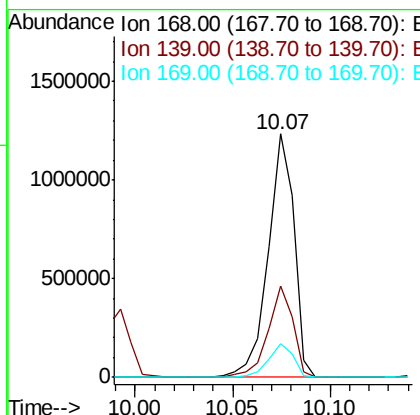
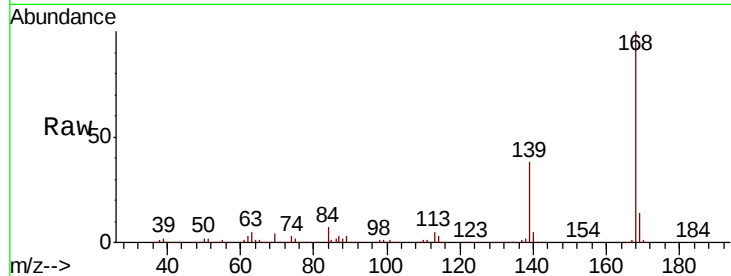




#55
Dibenzofuran
Concen: 38.420 ng
RT: 10.07 min Scan# 1392
Delta R.T. -0.01 min
Lab File: BF120531.D
Acq: 4 Jun 2020 14:03

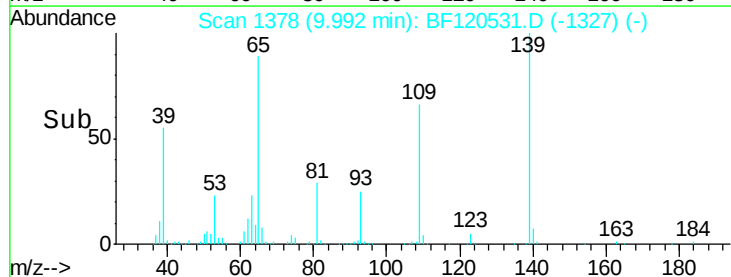
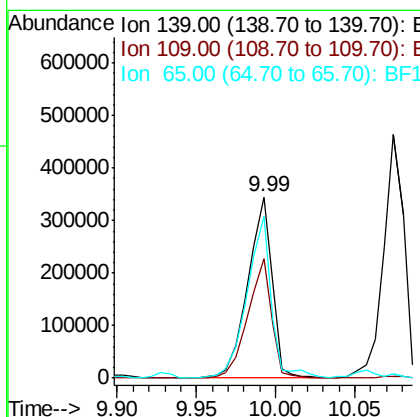
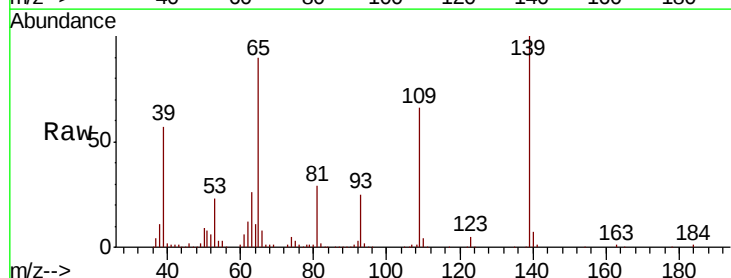
Instrument :
BNA_F
ClientSampleId :
PB129254BS

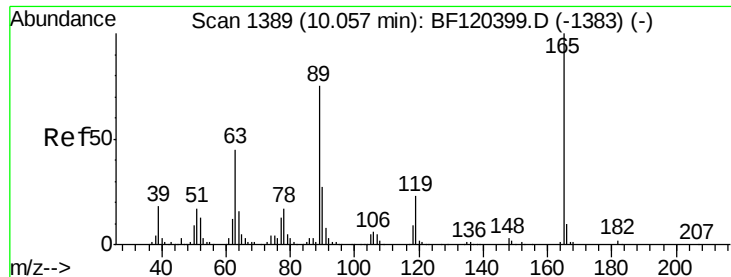
Tot Ion:168 Resp: 1137174
Ion Ratio Lower Upper
168 100
139 37.6 29.0 43.4
169 14.1 11.0 16.4



#56
4-Nitrophenol
Concen: 75.336 ng
RT: 9.99 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BF120531.D
Acq: 4 Jun 2020 14:03

Tgt Ion:139 Resp: 367369
Ion Ratio Lower Upper
139 100
109 66.3 47.8 87.8
65 89.6 72.0 112.0

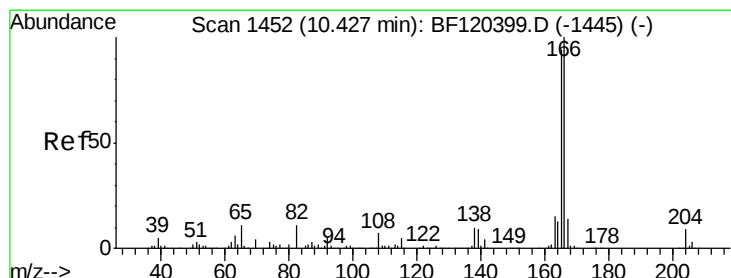
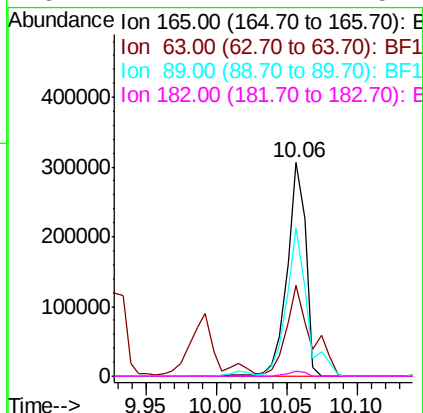
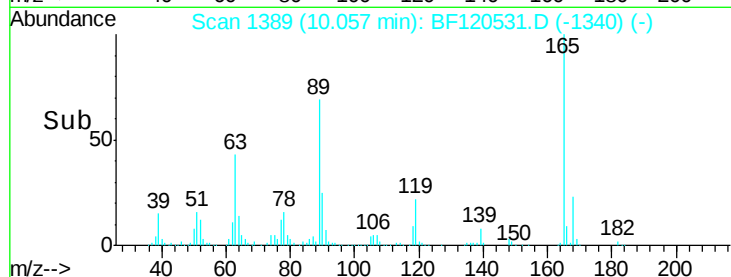
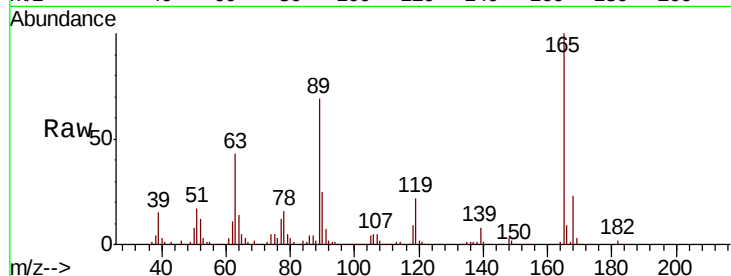




#57
2,4-Dinitrotoluene
Concen: 40.453 ng
RT: 10.06 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BF120531.D
Acq: 4 Jun 2020 14:03

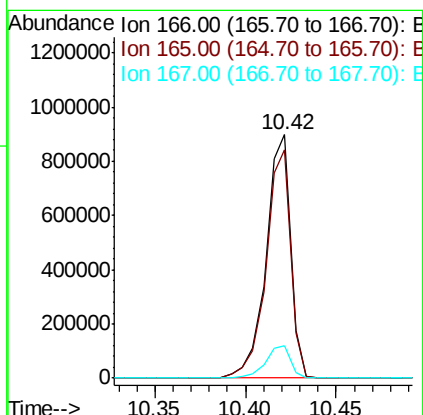
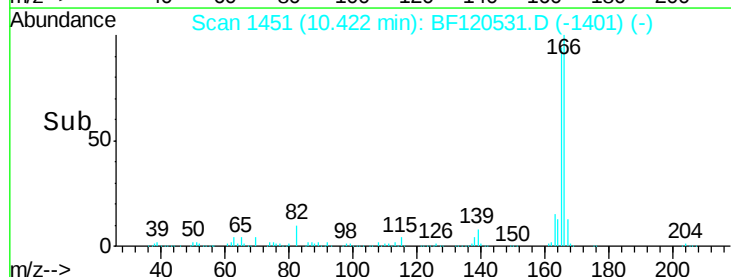
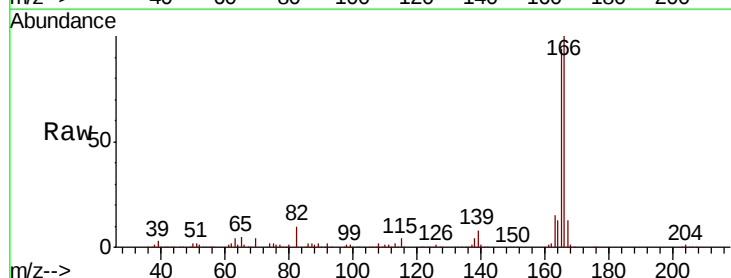
Instrument :
BNA_F
ClientSampleId :
PB129254BS

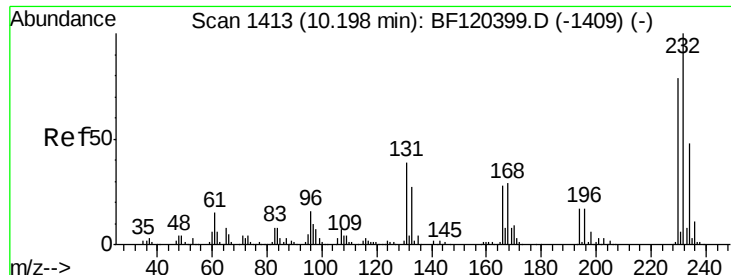
Tot Ion	Ratio	Lower	Upper
165	100		
63	42.8	33.4	50.0
89	69.5	54.7	82.1
182	2.4	2.1	3.1



#58
Fluorene
Concen: 38.138 ng
RT: 10.42 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF120531.D
Acq: 4 Jun 2020 14:03

Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.5	75.8	113.8
167	13.3	11.1	16.7

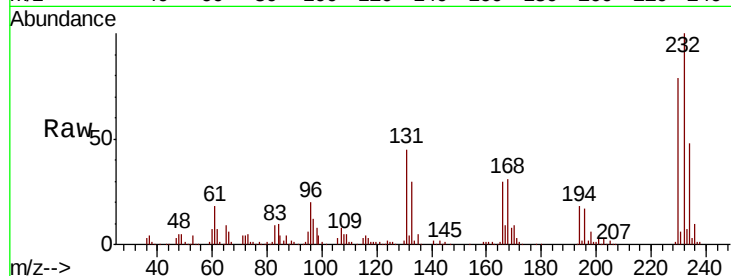




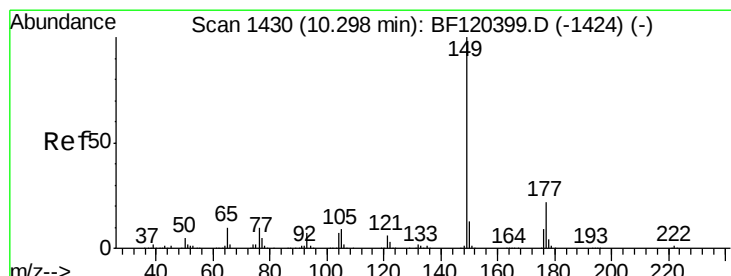
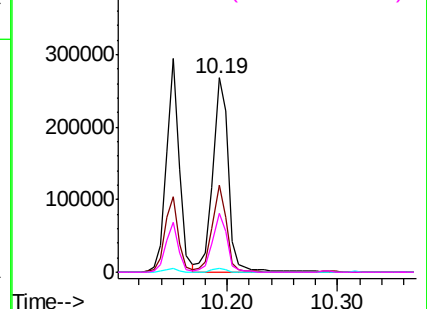
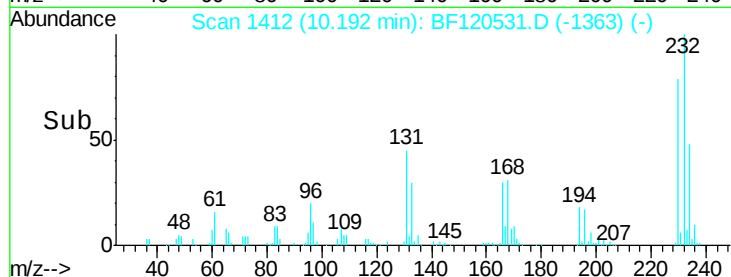
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.817 ng
RT: 10.19 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF120531.D
Acq: 4 Jun 2020 14:03

Instrument :
BNA_F
ClientSampleId :
PB129254BS

Tot Ion:232 Resp: 254670
Ion Ratio Lower Upper
232 100
131 41.2 34.2 51.2
130 2.0 1.7 2.5
166 29.1 23.4 35.0

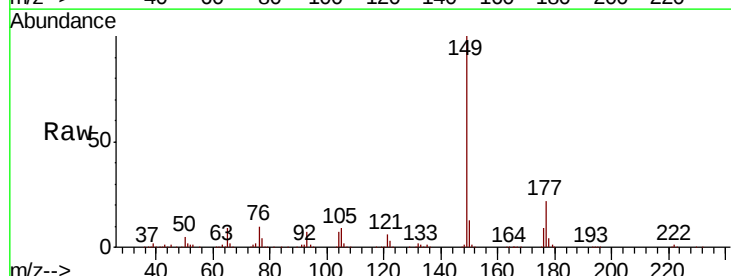


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

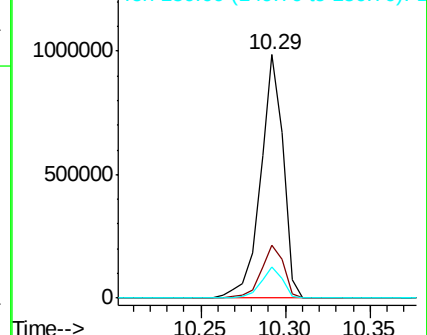
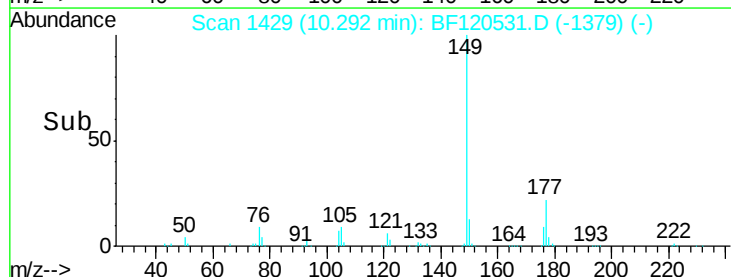


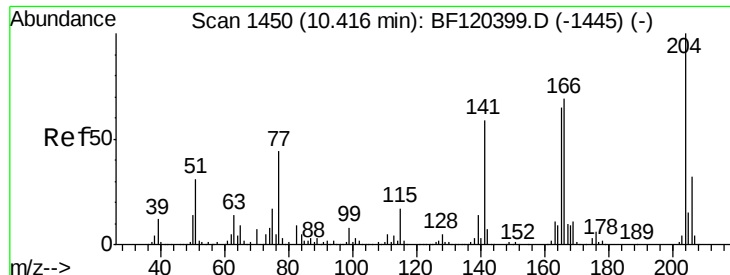
#60
Diethylphthalate
Concen: 37.140 ng
RT: 10.29 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF120531.D
Acq: 4 Jun 2020 14:03

Tgt Ion:149 Resp: 916047
Ion Ratio Lower Upper
149 100
177 21.9 17.7 26.5
150 12.9 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

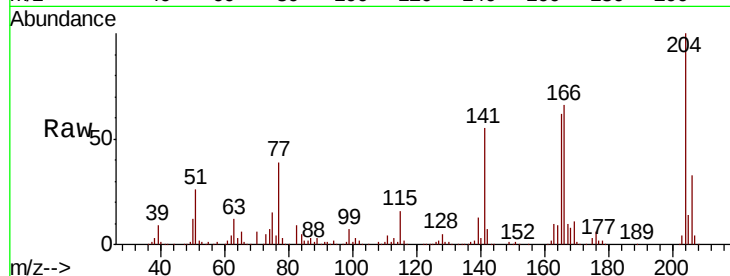




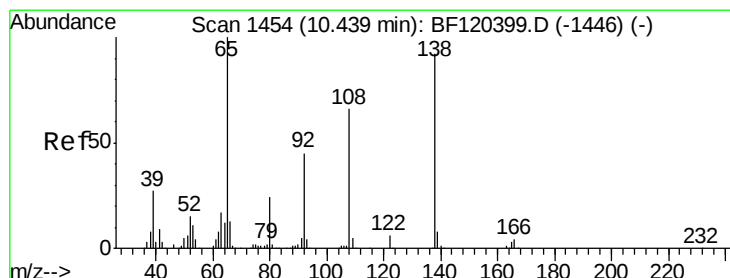
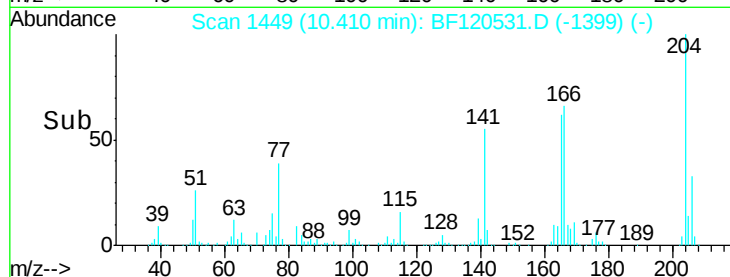
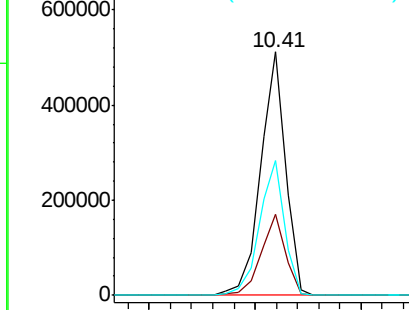
#61
 4-Chlorophenyl-phenylether
 Concen: 34.799 ng
 RT: 10.41 min Scan# 1449
 Delta R.T. -0.01 min
 Lab File: BF120531.D
 Acq: 4 Jun 2020 14:03

Instrument :
 BNA_F
 ClientSampleId :
 PB129254BS

Tot Ion:204 Resp: 419055
 Ion Ratio Lower Upper
 204 100
 206 33.2 26.5 39.7
 141 55.5 48.2 72.2

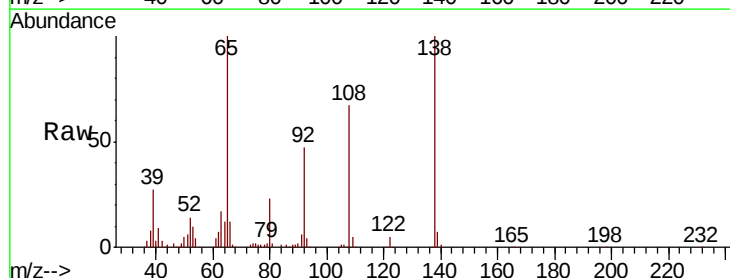


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

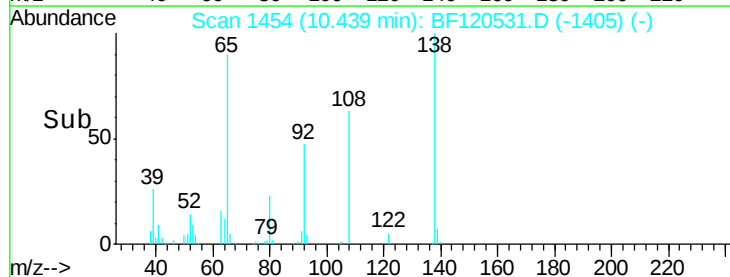
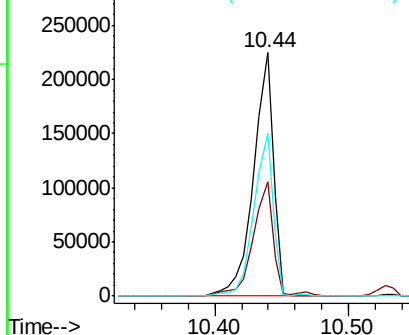


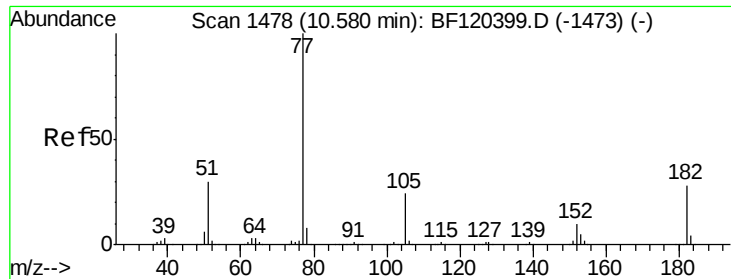
#62
 4-Nitroaniline
 Concen: 38.092 ng
 RT: 10.44 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF120531.D
 Acq: 4 Jun 2020 14:03

Tgt Ion:138 Resp: 229053
 Ion Ratio Lower Upper
 138 100
 92 47.1 26.7 66.7
 108 67.1 46.5 86.5



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 37.157 ng

RT: 10.57 min Scan# 1476

Delta R.T. -0.01 min

Lab File: BF120531.D

Acq: 4 Jun 2020 14:03

Instrument :

BNA_F

ClientSampleId :

PB129254BS

Tot Ion: 77 Resp: 862027

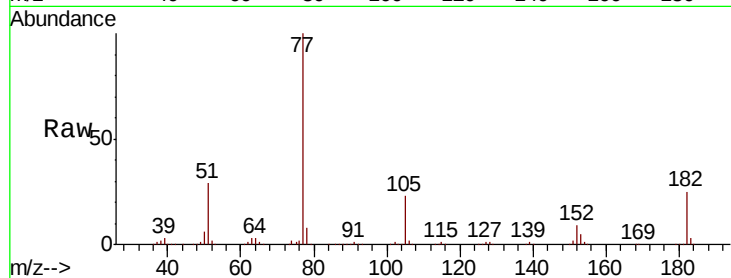
Ion Ratio Lower Upper

77 100

182 25.4 8.6 48.6

105 23.0 3.6 43.6

51 29.4 10.1 50.1

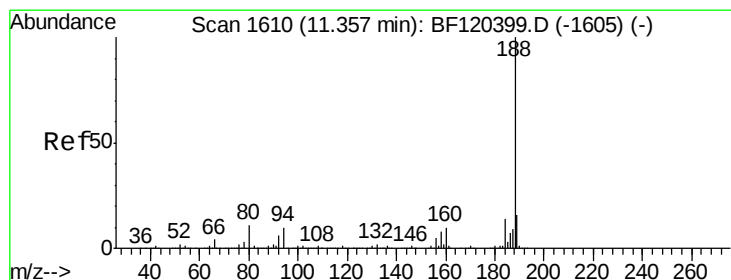
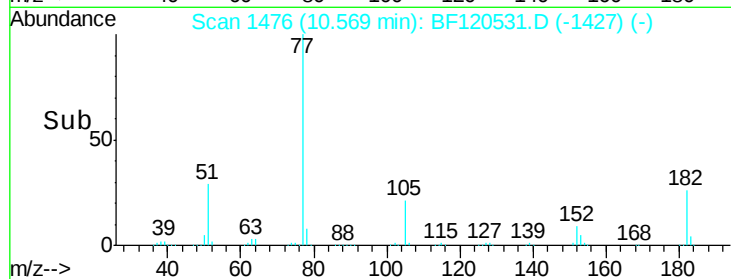
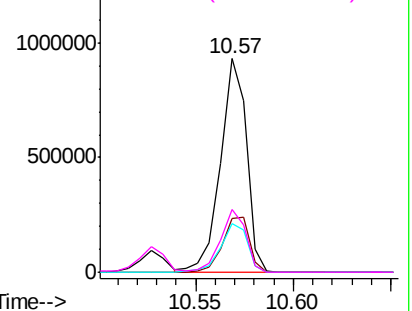


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1610

Delta R.T. -0.01 min

Lab File: BF120531.D

Acq: 4 Jun 2020 14:03

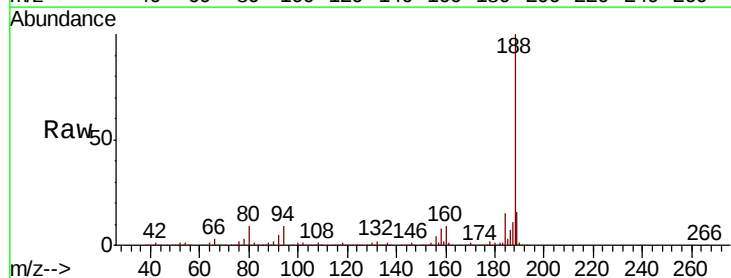
Tgt Ion: 188 Resp: 742425

Ion Ratio Lower Upper

188 100

94 9.0 7.5 11.3

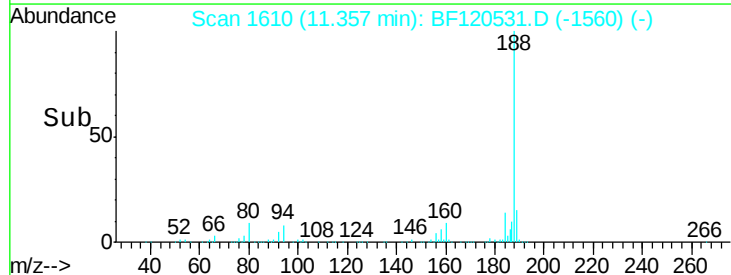
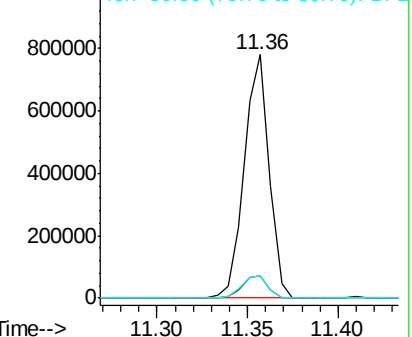
80 9.2 7.9 11.9

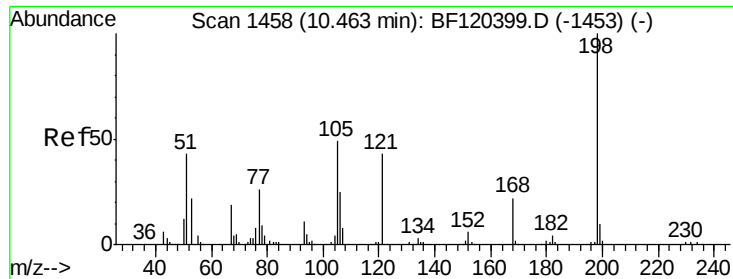


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

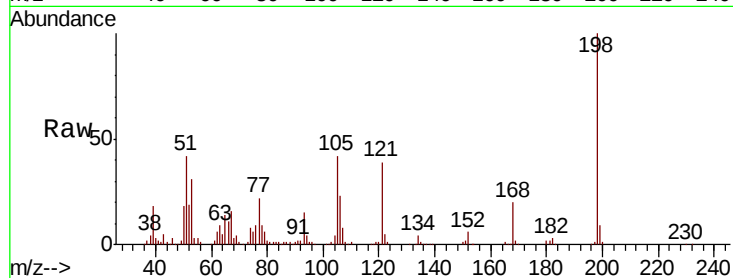




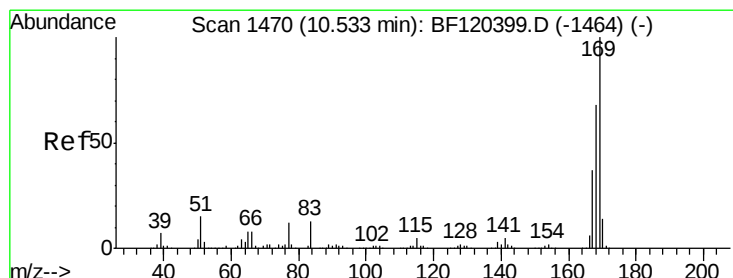
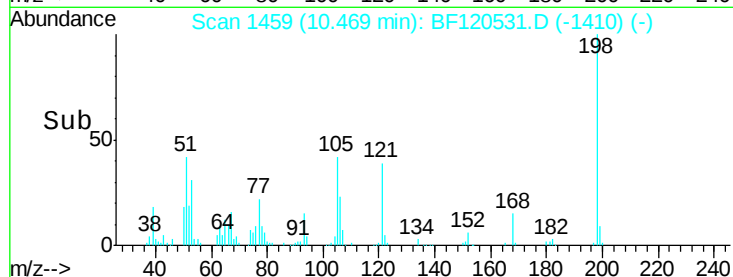
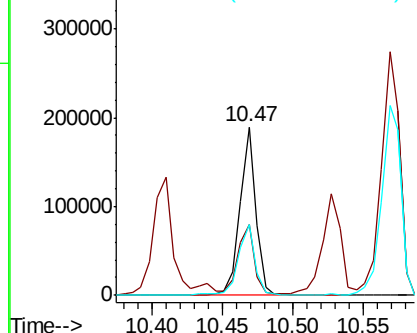
#65
 4,6-Dinitro-2-methylphenol
 Concen: 55.361 ng
 RT: 10.47 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF120531.D
 Acq: 4 Jun 2020 14:03

Instrument :
 BNA_F
 ClientSampleId :
 PB129254BS

Tot Ion:198 Resp: 149914
 Ion Ratio Lower Upper
 198 100
 51 41.7 17.0 57.0
 105 41.9 19.3 59.3

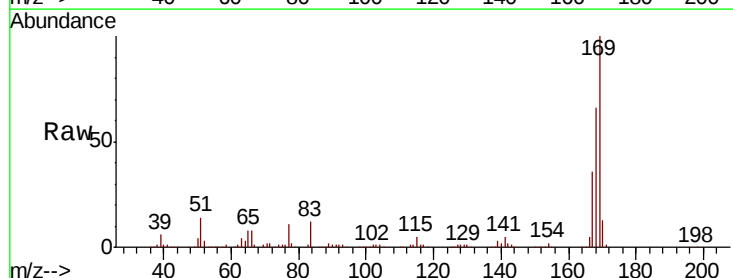


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

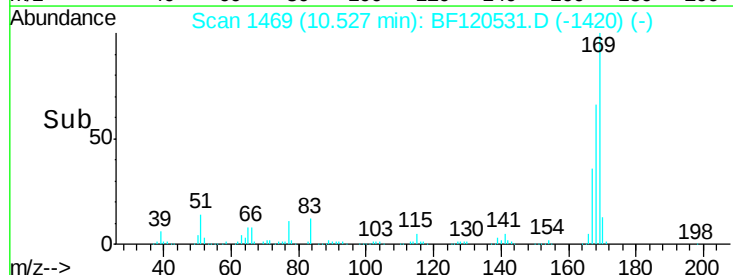
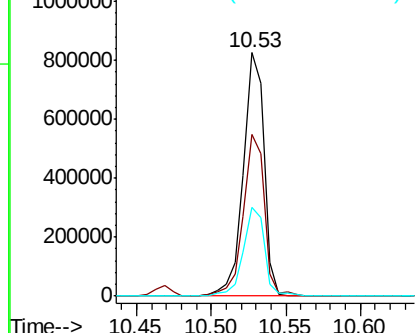


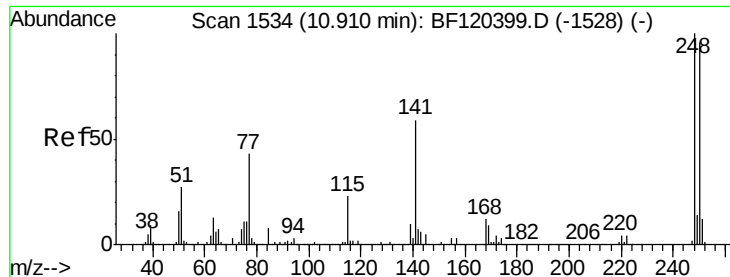
#66
 n-Nitrosodiphenylamine
 Concen: 38.652 ng
 RT: 10.53 min Scan# 1469
 Delta R.T. -0.01 min
 Lab File: BF120531.D
 Acq: 4 Jun 2020 14:03

Tgt Ion:169 Resp: 797122
 Ion Ratio Lower Upper
 169 100
 168 66.4 54.4 81.6
 167 36.4 30.0 45.0



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

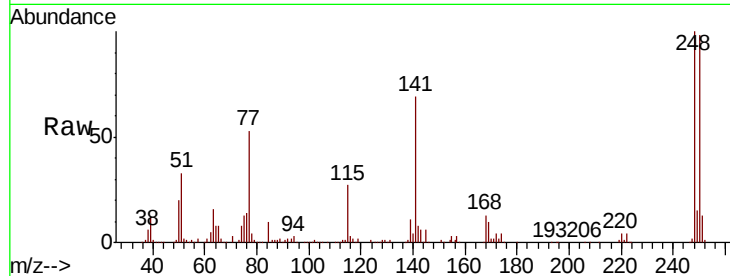




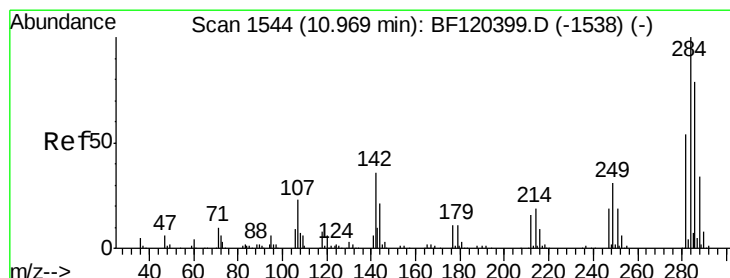
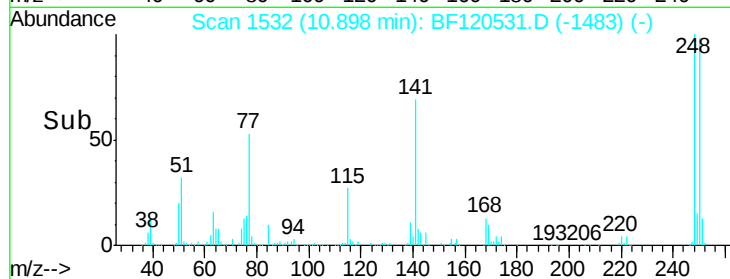
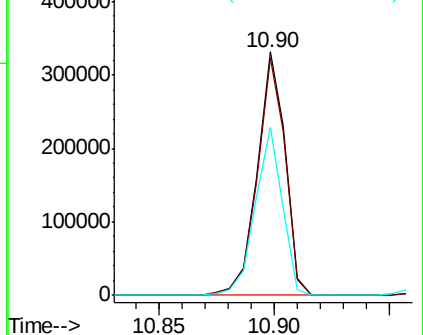
#67
 4-Bromophenyl-phenylether
 Concen: 37.336 ng
 RT: 10.90 min Scan# 1532
 Delta R.T. -0.01 min
 Lab File: BF120531.D
 Acq: 4 Jun 2020 14:03

Instrument :
 BNA_F
 ClientSampleId :
 PB129254BS

Tot Ion:248 Resp: 279804
 Ion Ratio Lower Upper
 248 100
 250 97.5 78.0 117.0
 141 69.1 50.3 75.5

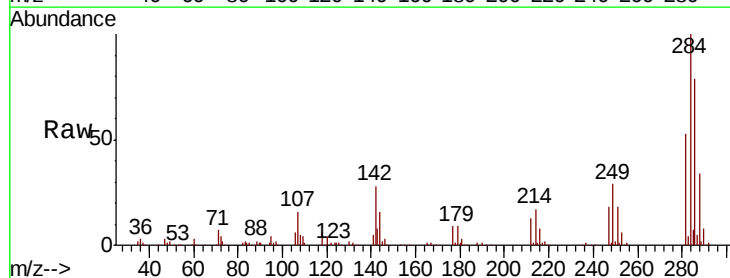


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

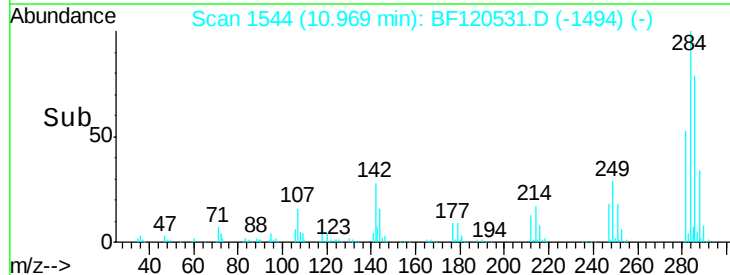
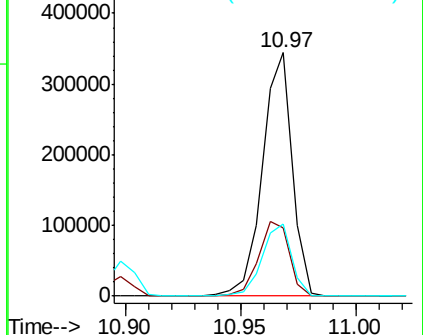


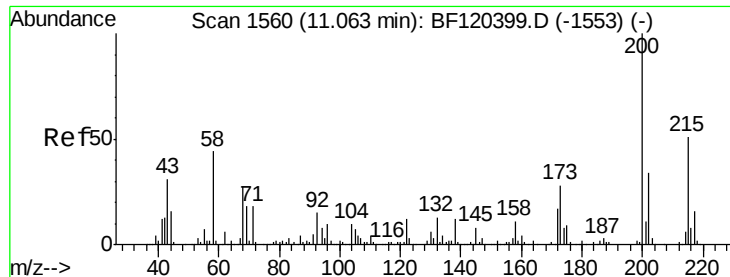
#68
 Hexachlorobenzene
 Concen: 38.658 ng
 RT: 10.97 min Scan# 1544
 Delta R.T. -0.01 min
 Lab File: BF120531.D
 Acq: 4 Jun 2020 14:03

Tgt Ion:284 Resp: 308528
 Ion Ratio Lower Upper
 284 100
 142 28.2 25.7 38.5
 249 29.4 23.5 35.3



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 39.767 ng

RT: 11.06 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BF120531.D

Acq: 4 Jun 2020 14:03

Instrument :

BNA_F

ClientSampleId :

PB129254BS

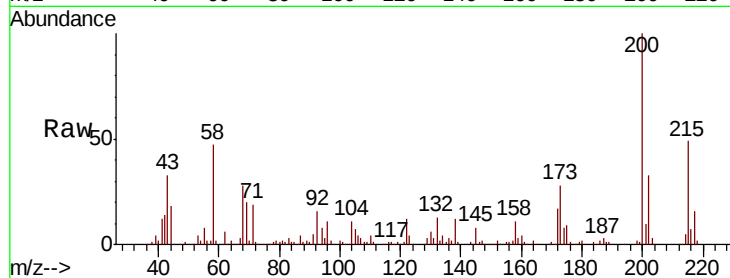
Tot Ion:200 Resp: 231161

Ion Ratio Lower Upper

200 100

173 27.9 8.7 48.7

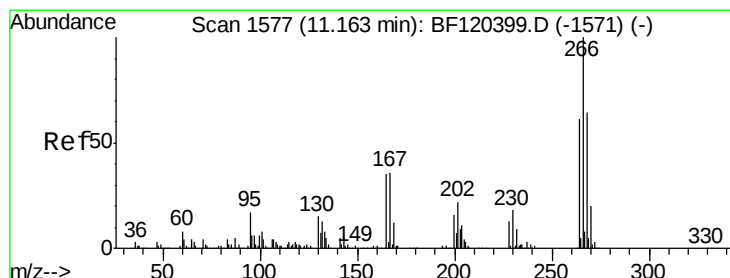
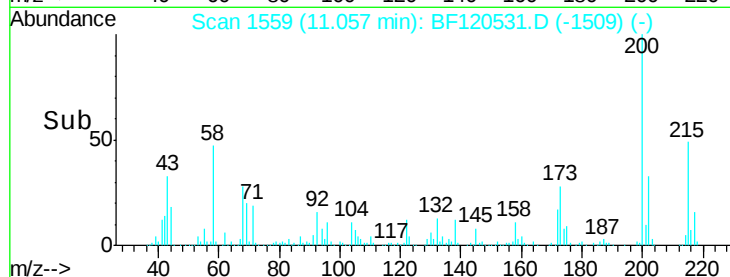
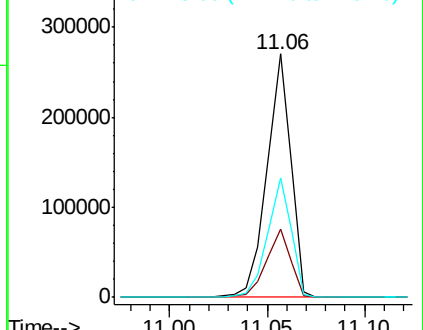
215 48.9 29.0 69.0



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 66.172 ng

RT: 11.16 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF120531.D

Acq: 4 Jun 2020 14:03

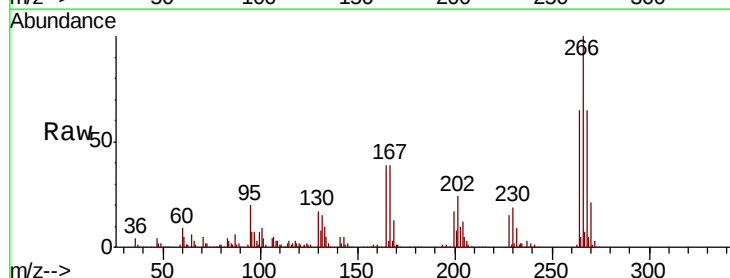
Tgt Ion:266 Resp: 322893

Ion Ratio Lower Upper

266 100

268 64.6 51.8 77.8

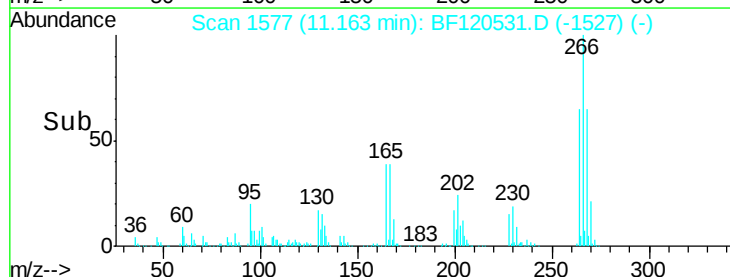
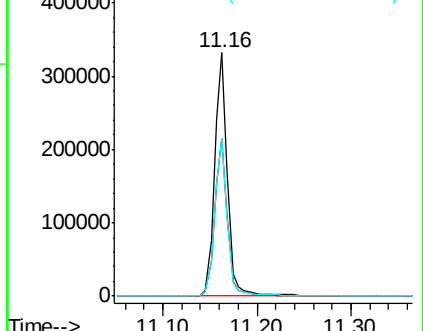
264 64.7 51.0 76.6

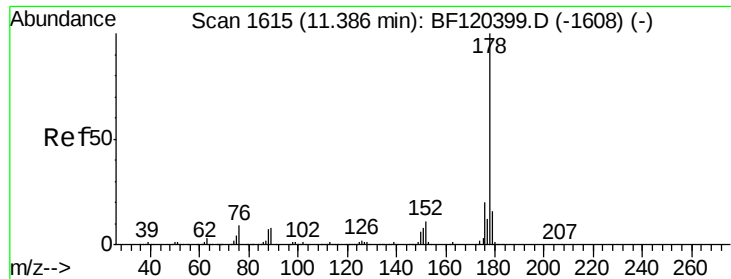


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

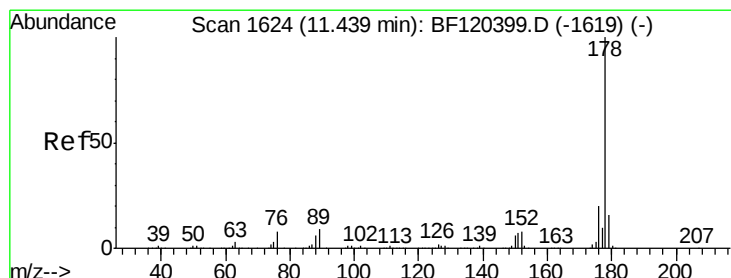
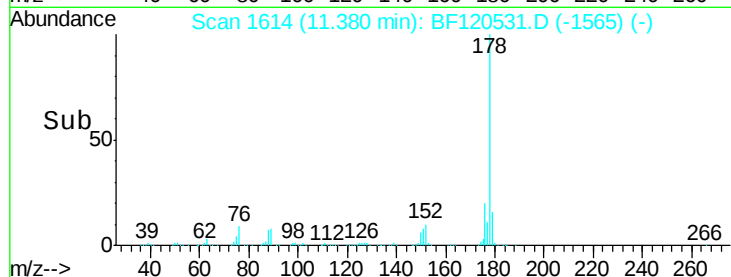
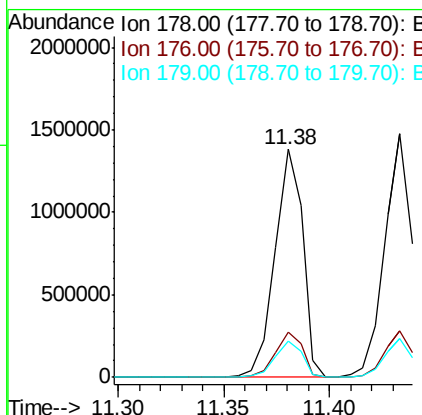
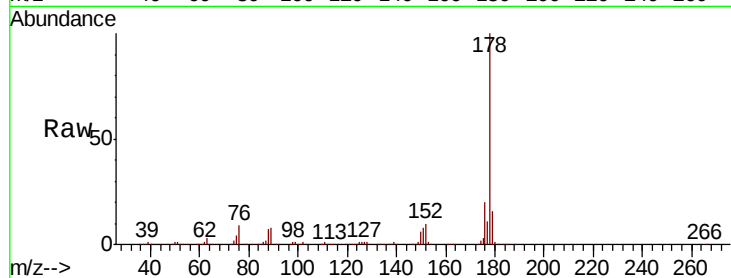




#71
Phenanthrene
Concen: 38.931 ng
RT: 11.38 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BF120531.D
Acq: 4 Jun 2020 14:03

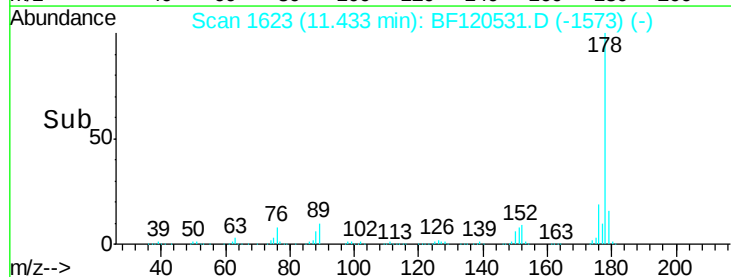
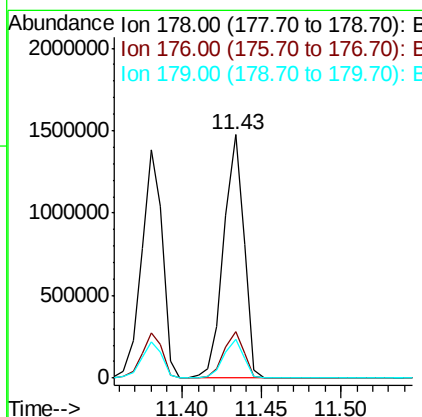
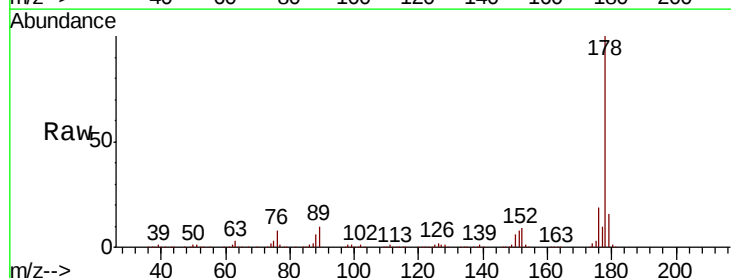
Instrument :
BNA_F
ClientSampleId :
PB129254BS

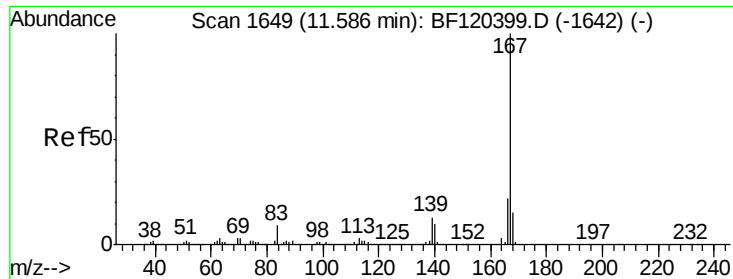
Tot Ion:178 Resp: 1273582
Ion Ratio Lower Upper
178 100
176 19.7 16.6 24.8
179 16.0 13.0 19.4



#72
Anthracene
Concen: 40.028 ng
RT: 11.43 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BF120531.D
Acq: 4 Jun 2020 14:03

Tgt Ion:178 Resp: 1313823
Ion Ratio Lower Upper
178 100
176 19.2 15.7 23.5
179 15.8 13.1 19.7

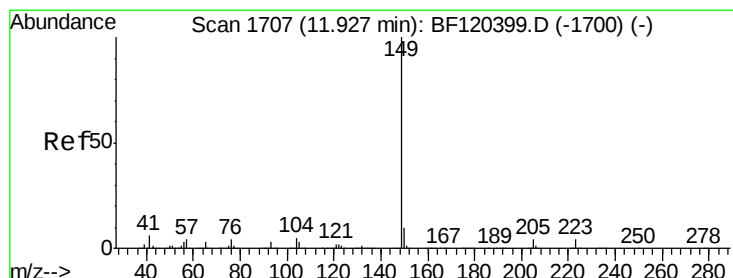
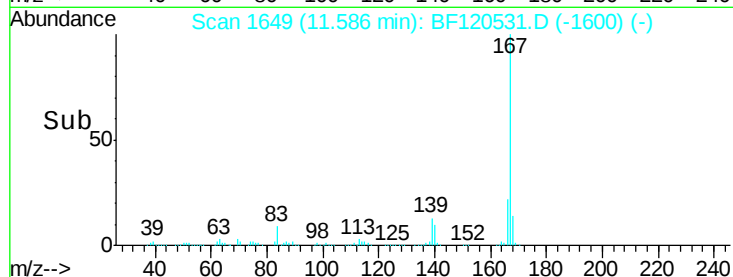
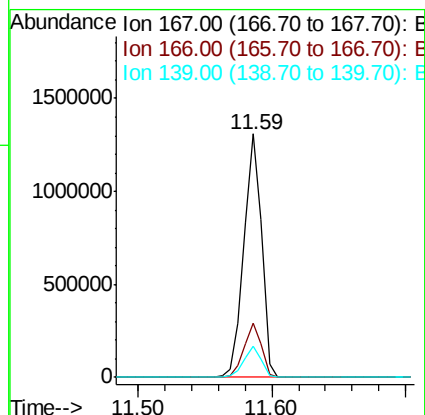
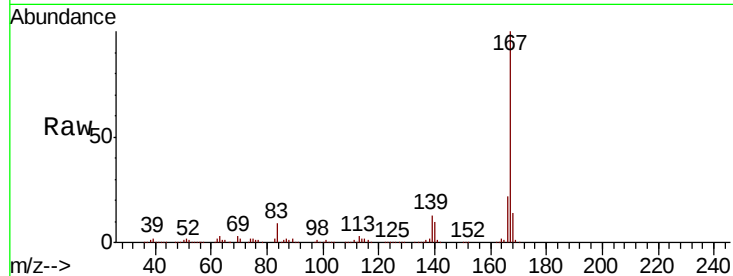




#73
 Carbazole
 Concen: 38.007 ng
 RT: 11.59 min Scan# 1649
 Delta R.T. -0.01 min
 Lab File: BF120531.D
 Acq: 4 Jun 2020 14:03

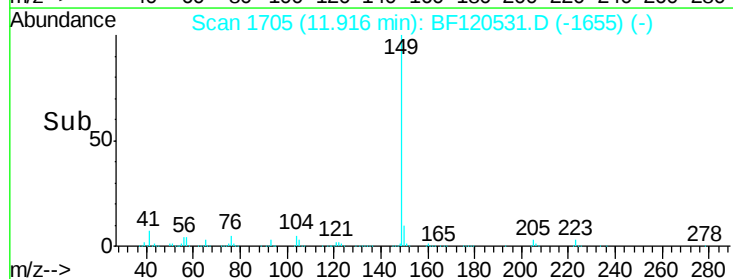
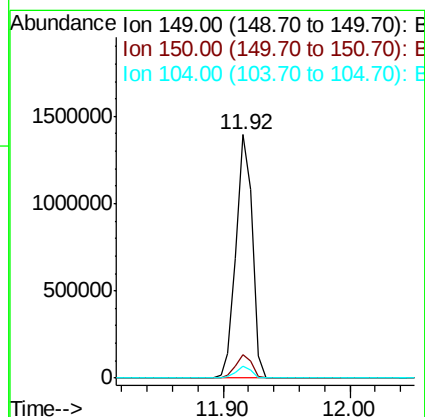
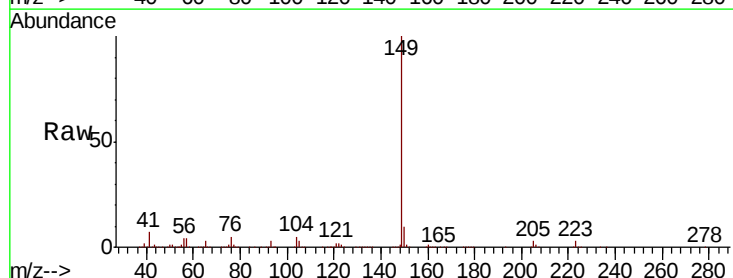
Instrument :
 BNA_F
 ClientSampleId :
 PB129254BS

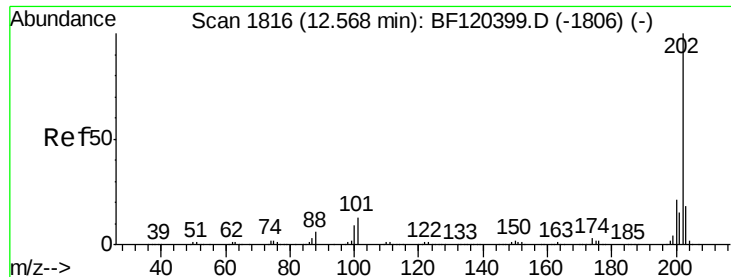
Tot Ion:167 Resp: 1206614
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.8 26.8
 139 12.9 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 32.991 ng
 RT: 11.92 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BF120531.D
 Acq: 4 Jun 2020 14:03

Tgt Ion:149 Resp: 1218348
 Ion Ratio Lower Upper
 149 100
 150 9.7 8.0 12.0
 104 4.9 4.1 6.1





#75

Fluoranthene

Concen: 31.776 ng

RT: 12.57 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF120531.D

Acq: 4 Jun 2020 14:03

Instrument :

BNA_F

ClientSampleId :

PB129254BS

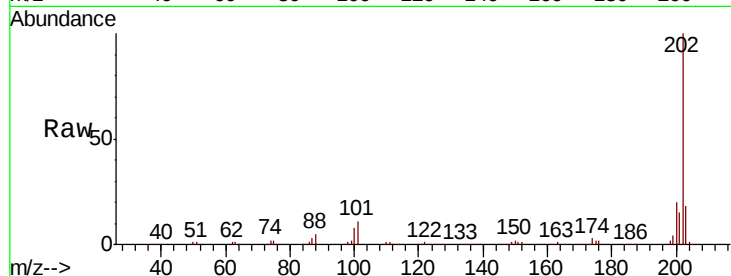
Tot Ion:202 Resp: 1118513

Ion Ratio Lower Upper

202 100

101 10.9 0.0 30.4

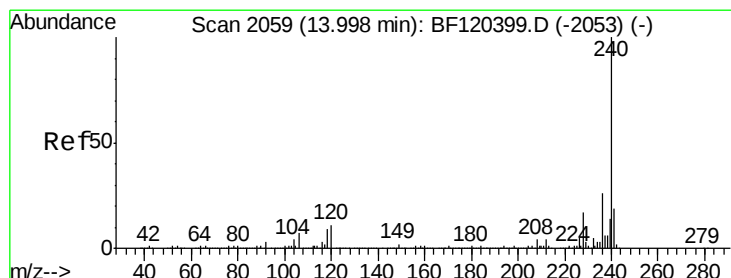
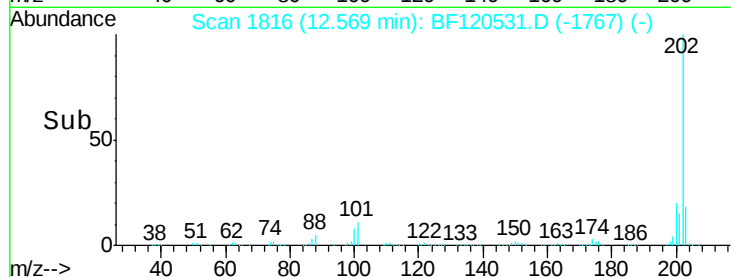
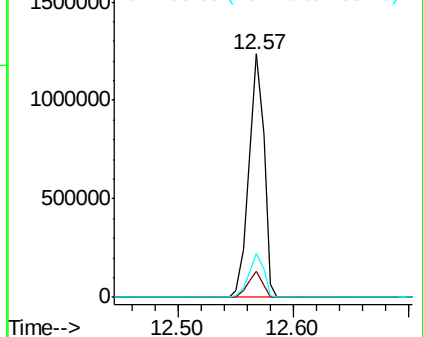
203 18.2 0.0 38.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2059

Delta R.T. -0.01 min

Lab File: BF120531.D

Acq: 4 Jun 2020 14:03

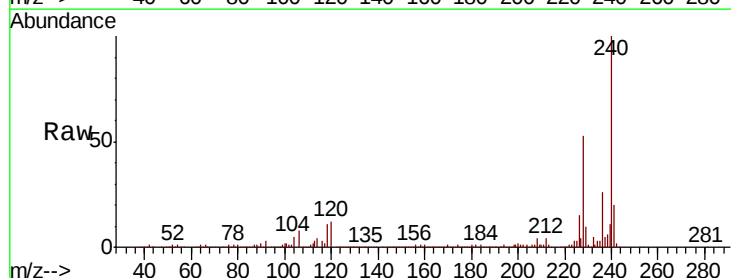
Tgt Ion:240 Resp: 563535

Ion Ratio Lower Upper

240 100

120 12.0 7.9 11.9#

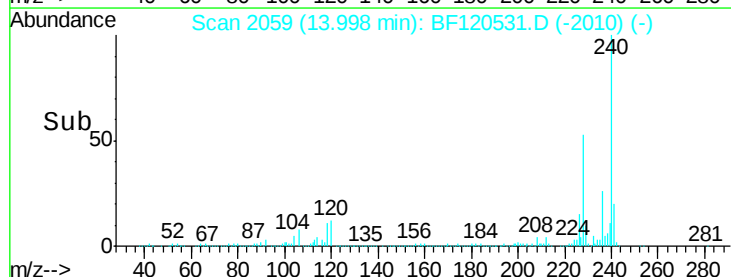
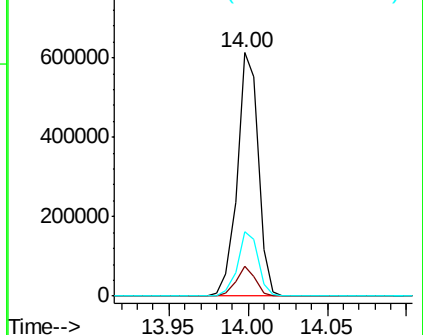
236 26.3 21.1 31.7

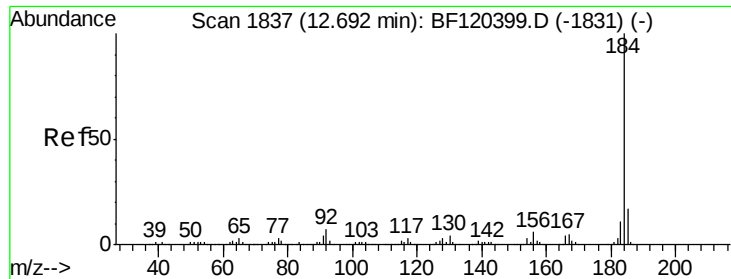


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 40.902 ng

RT: 12.69 min Scan# 1837

Delta R.T. 0.00 min

Lab File: BF120531.D

Acq: 4 Jun 2020 14:03

Instrument :

BNA_F

ClientSampleId :

PB129254BS

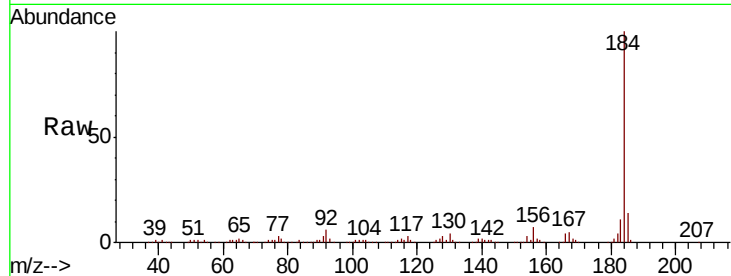
Tot Ion:184 Resp: 605628

Ion Ratio Lower Upper

184 100

185 14.2 13.2 19.8

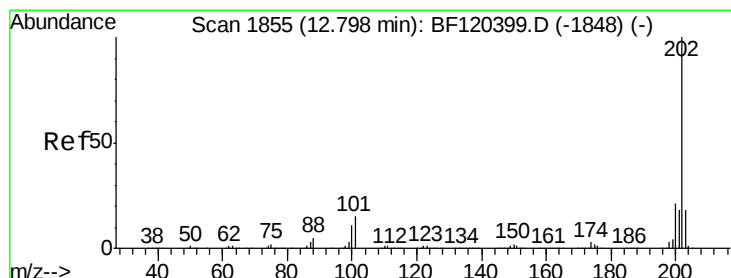
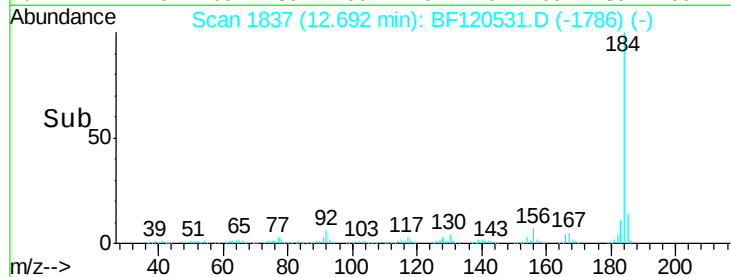
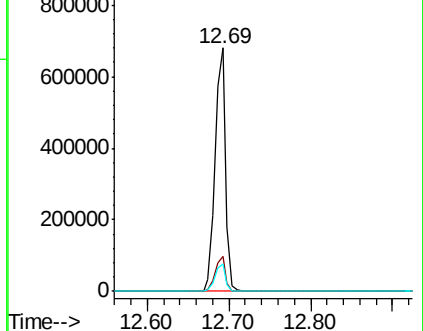
183 11.4 9.1 13.7



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 29.283 ng

RT: 12.80 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BF120531.D

Acq: 4 Jun 2020 14:03

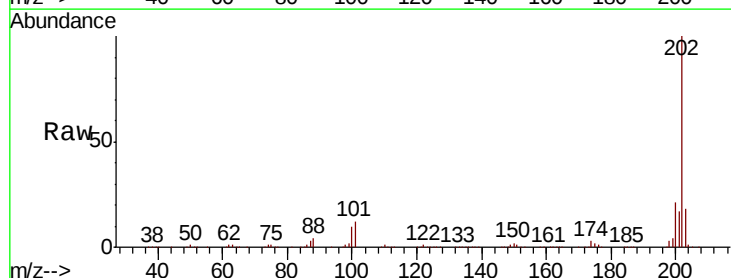
Tgt Ion:202 Resp: 1147615

Ion Ratio Lower Upper

202 100

200 20.7 17.3 25.9

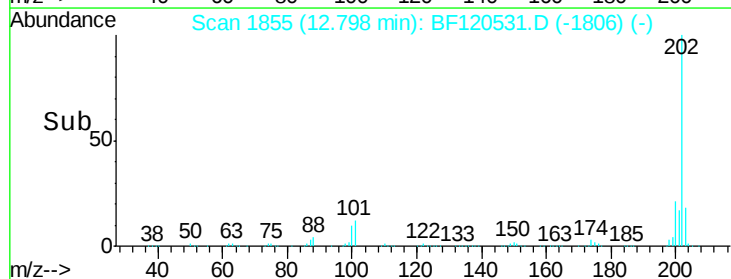
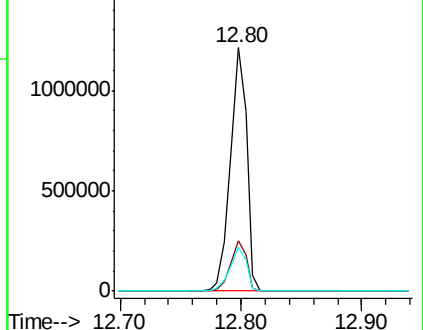
203 18.0 14.5 21.7

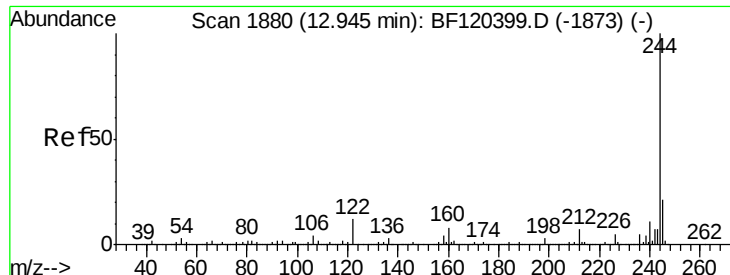


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 59.617 ng

RT: 12.94 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BF120531.D

Acq: 4 Jun 2020 14:03

Instrument :

BNA_F

ClientSampleId :

PB129254BS

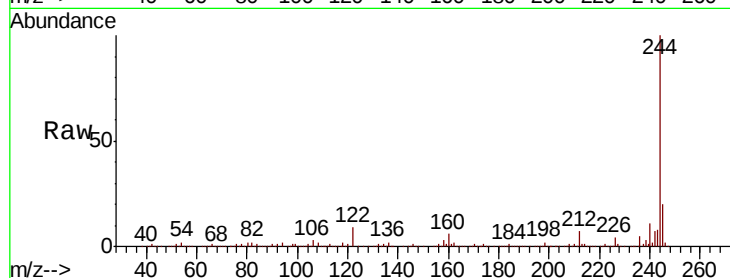
Tot Ion:244 Resp: 1509779

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

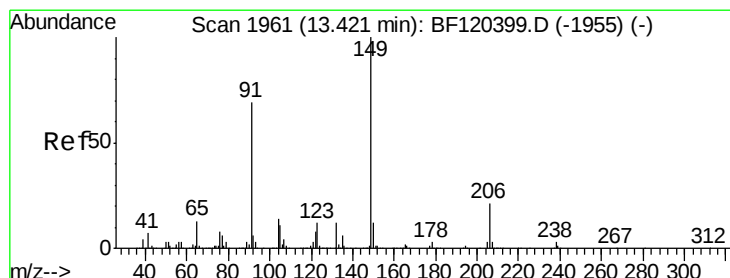
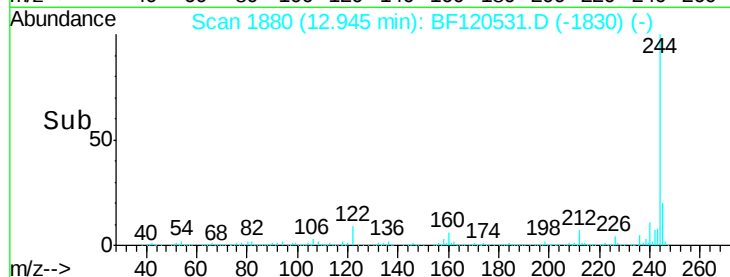
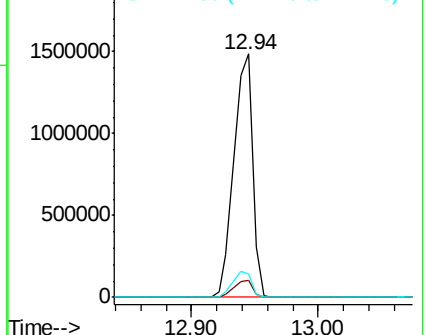
122 9.4 8.2 12.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 34.567 ng

RT: 13.42 min Scan# 1960

Delta R.T. -0.01 min

Lab File: BF120531.D

Acq: 4 Jun 2020 14:03

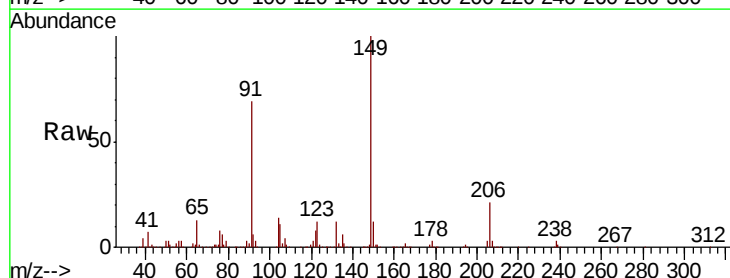
Tgt Ion:149 Resp: 565558

Ion Ratio Lower Upper

149 100

91 68.6 56.2 84.2

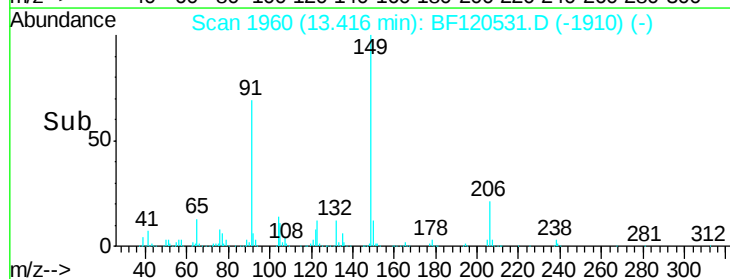
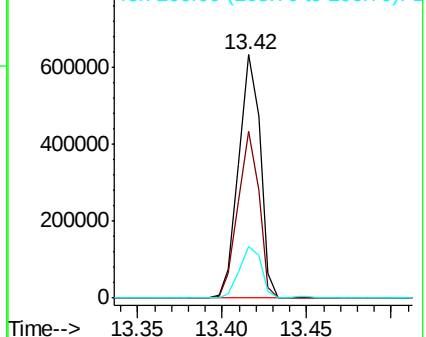
206 21.1 16.8 25.2

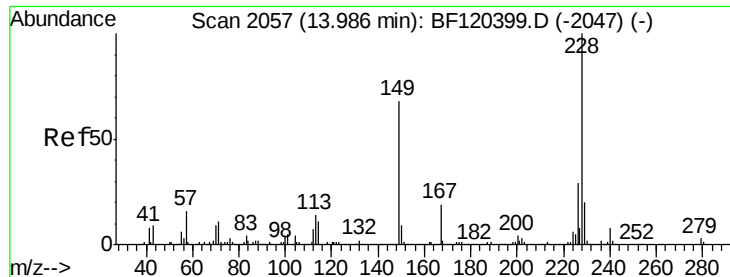


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.954 ng

RT: 13.99 min Scan# 2057

Delta R.T. -0.01 min

Lab File: BF120531.D

Acq: 4 Jun 2020 14:03

Instrument :

BNA_F

ClientSampleId :

PB129254BS

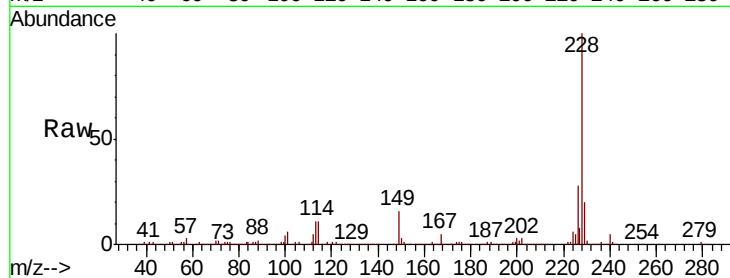
Tot Ion:228 Resp: 1176491

Ion Ratio Lower Upper

228 100

226 27.9 22.7 34.1

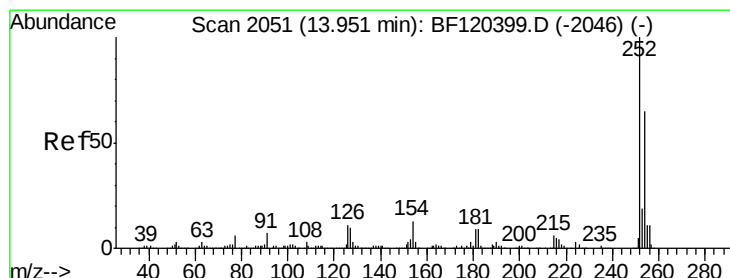
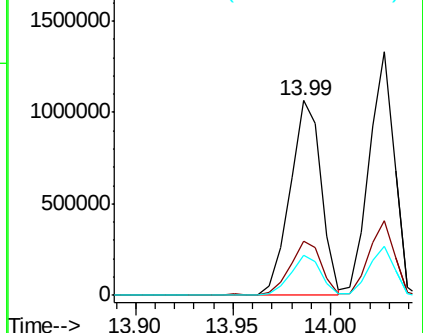
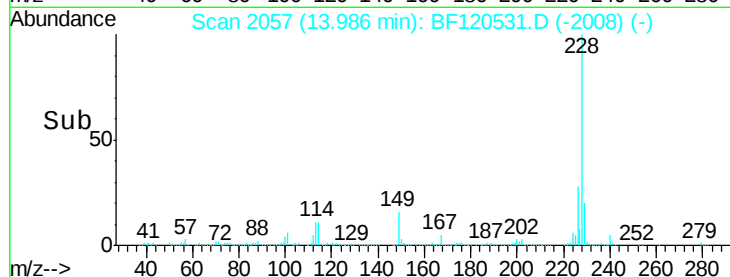
229 20.4 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 29.771 ng

RT: 13.95 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BF120531.D

Acq: 4 Jun 2020 14:03

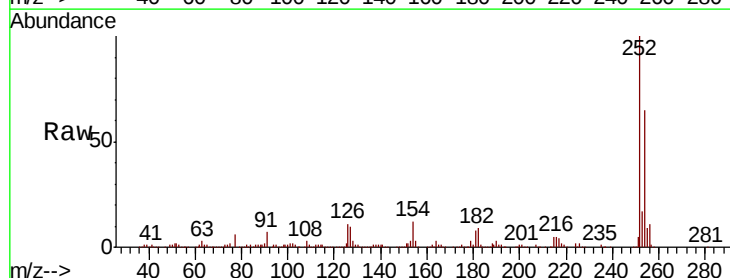
Tgt Ion:252 Resp: 326435

Ion Ratio Lower Upper

252 100

254 65.1 51.4 77.2

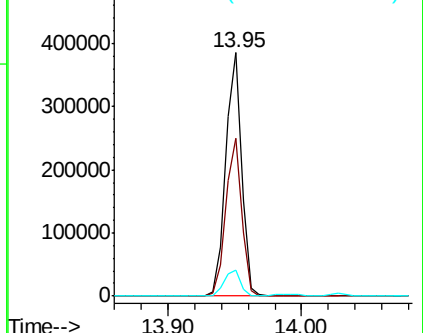
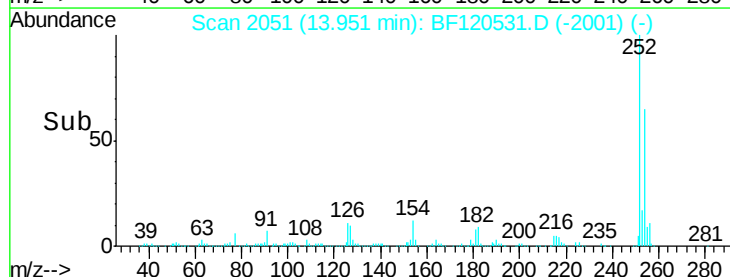
126 10.8 9.6 14.4

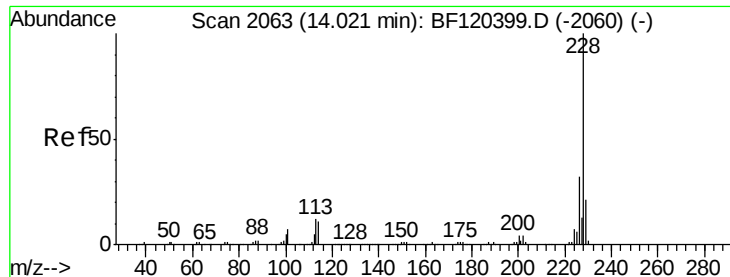


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 37.664 ng

RT: 14.03 min Scan# 2064

Delta R.T. -0.01 min

Lab File: BF120531.D

Acq: 4 Jun 2020 14:03

Instrument :

BNA_F

ClientSampleId :

PB129254BS

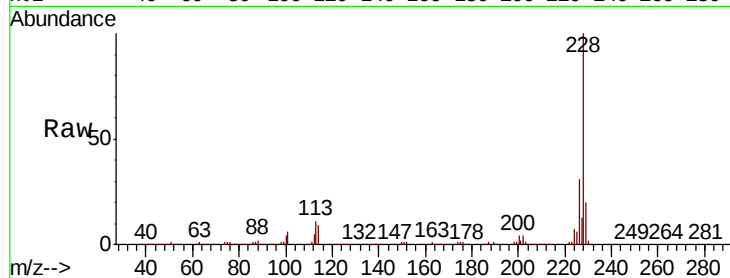
Tot Ion:228 Resp: 1192575

Ion Ratio Lower Upper

228 100

226 30.8 25.2 37.8

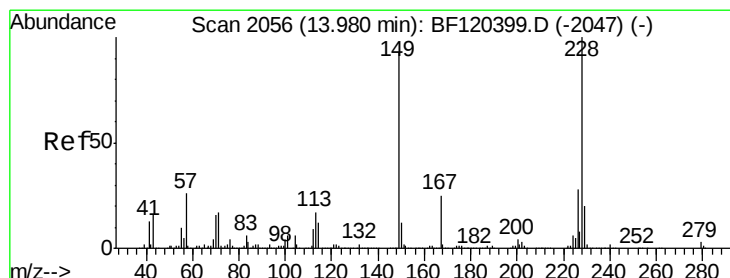
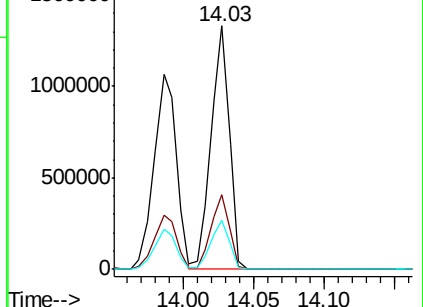
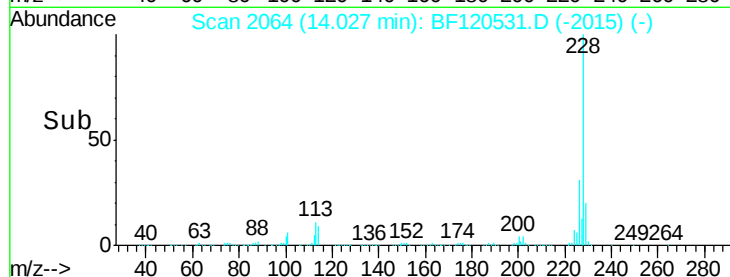
229 20.2 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.835 ng

RT: 13.97 min Scan# 2055

Delta R.T. -0.01 min

Lab File: BF120531.D

Acq: 4 Jun 2020 14:03

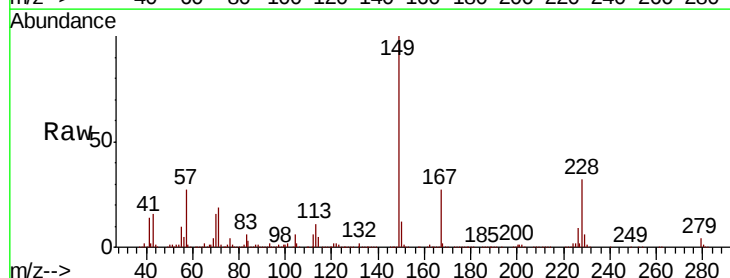
Tgt Ion:149 Resp: 765069

Ion Ratio Lower Upper

149 100

167 27.0 22.0 33.0

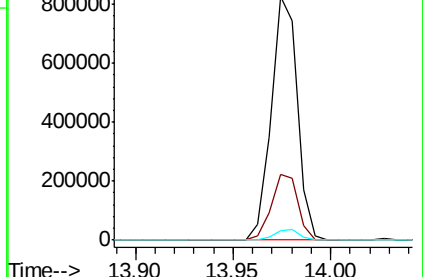
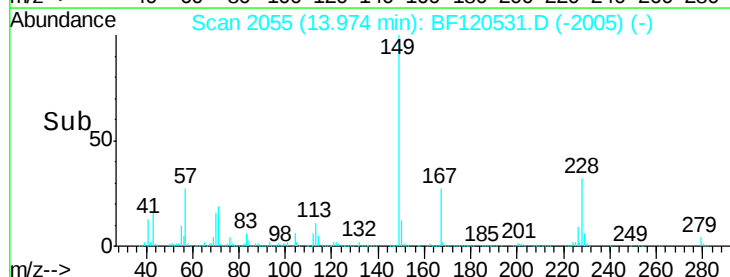
279 3.8 3.2 4.8

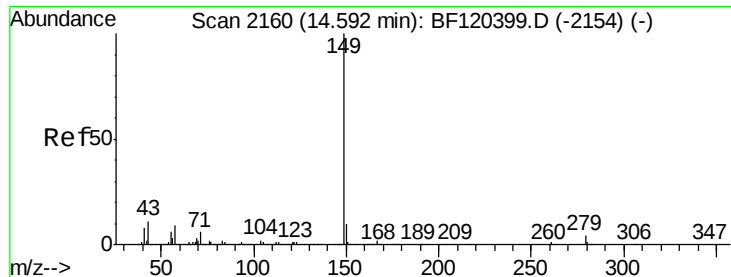


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

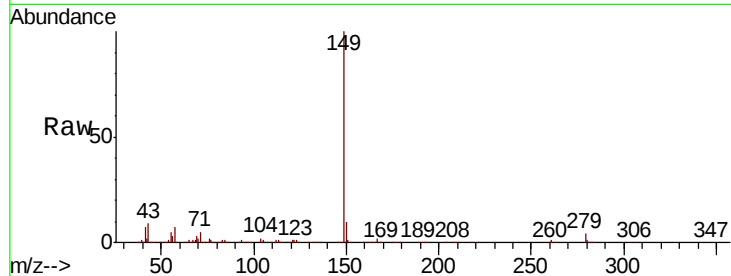




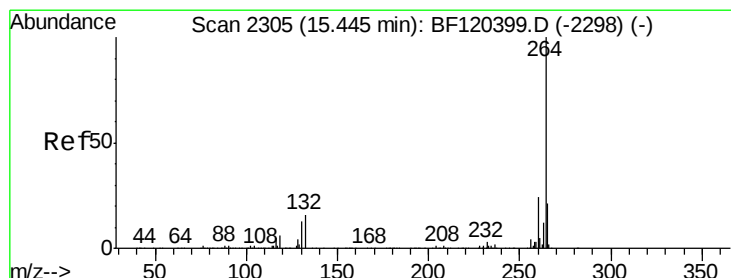
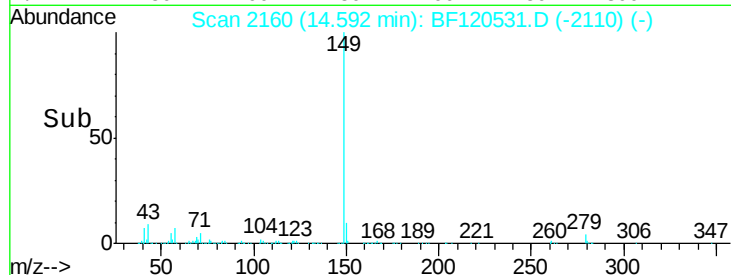
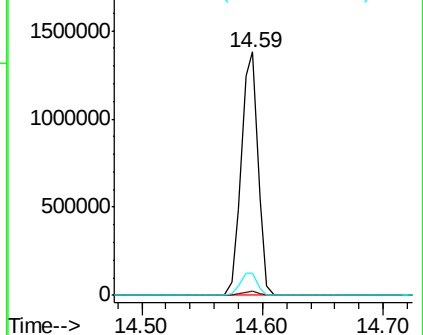
#85
Di-n-octyl phthalate
Concen: 40.339 ng
RT: 14.59 min Scan# 2160
Delta R.T. -0.01 min
Lab File: BF120531.D
Acq: 4 Jun 2020 14:03

Instrument :
BNA_F
ClientSampleId :
PB129254BS

Tot Ion:149 Resp: 1340552
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.3 7.8 11.8

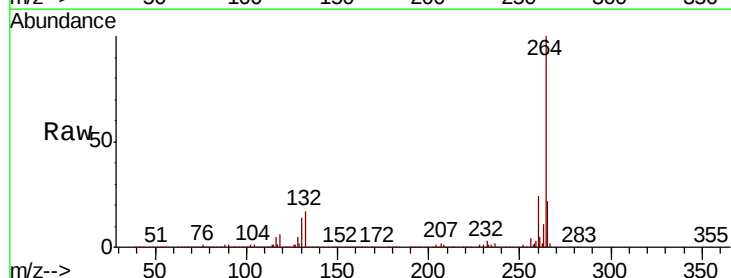


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

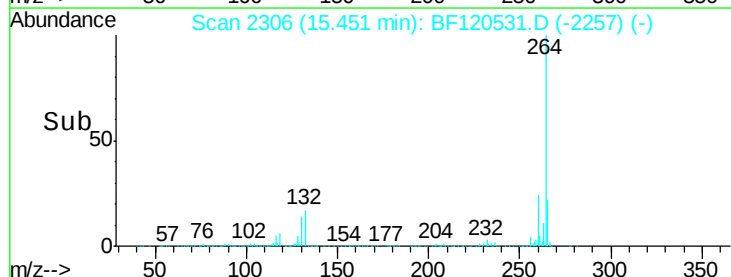
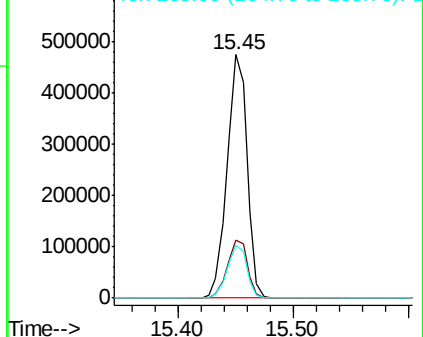


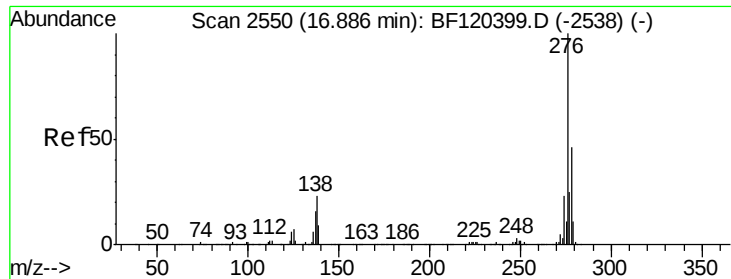
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2306
Delta R.T. -0.01 min
Lab File: BF120531.D
Acq: 4 Jun 2020 14:03

Tgt Ion:264 Resp: 569393
Ion Ratio Lower Upper
264 100
260 23.8 19.8 29.8
265 21.9 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

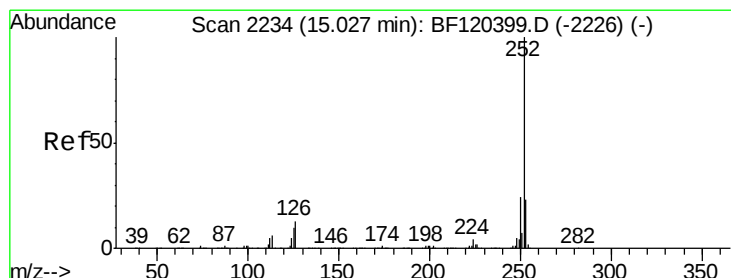
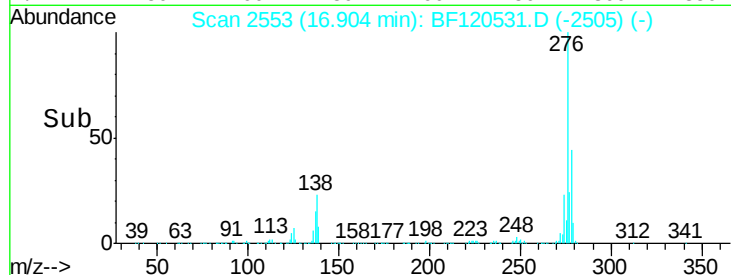
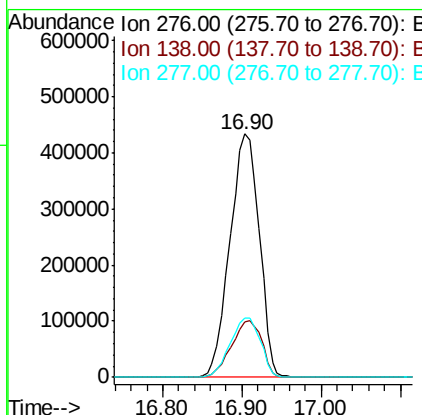
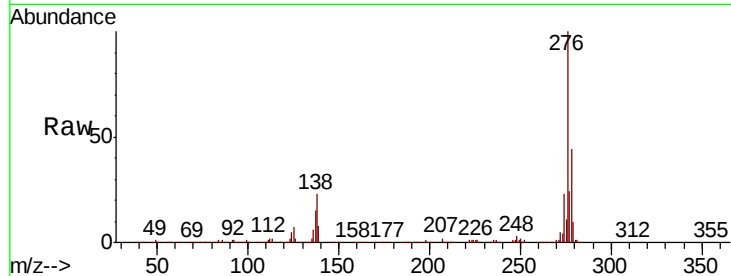




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 35.798 ng
 RT: 16.90 min Scan# 2553
 Delta R.T. -0.02 min
 Lab File: BF120531.D
 Acq: 4 Jun 2020 14:03

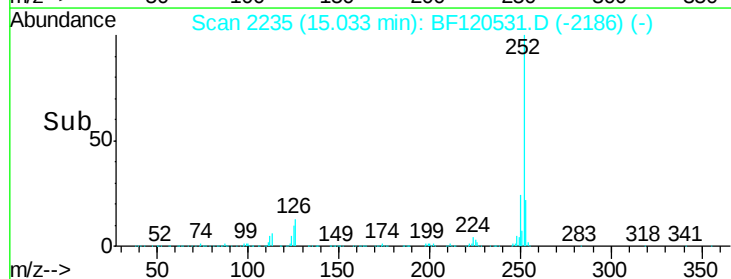
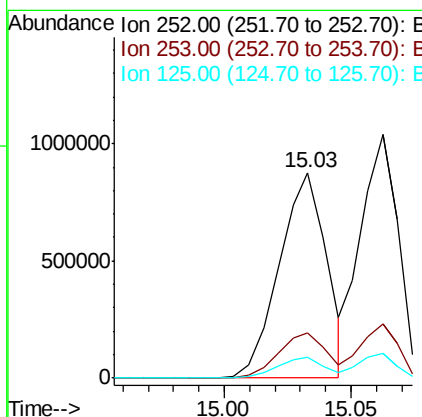
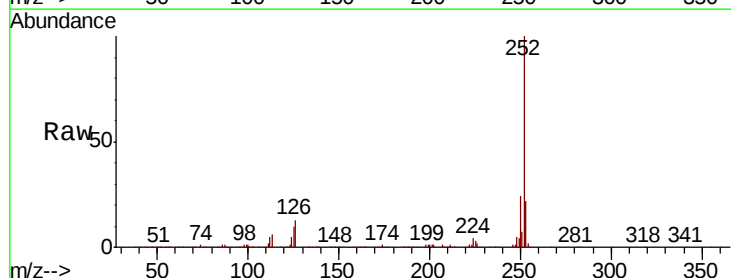
Instrument :
 BNA_F
 ClientSampleId :
 PB129254BS

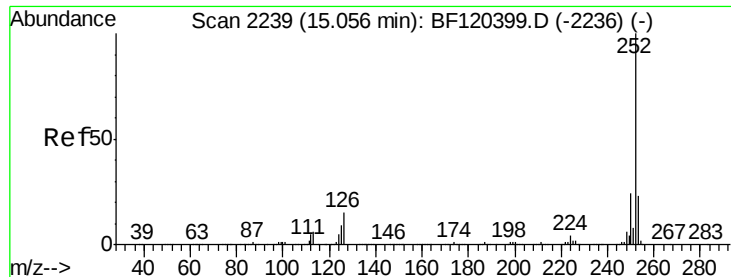
Tot Ion:276 Resp: 1114841
 Ion Ratio Lower Upper
 276 100
 138 24.0 19.2 28.8
 277 25.2 20.4 30.6



#88
 Benzo(b)fluoranthene
 Concen: 35.995 ng
 RT: 15.03 min Scan# 2235
 Delta R.T. -0.01 min
 Lab File: BF120531.D
 Acq: 4 Jun 2020 14:03

Tgt Ion:252 Resp: 1138365
 Ion Ratio Lower Upper
 252 100
 253 22.2 18.2 27.2
 125 9.9 7.6 11.4

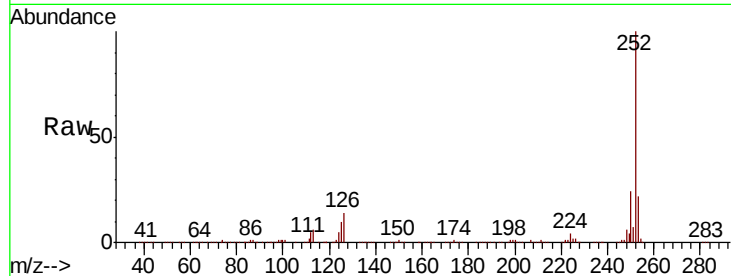




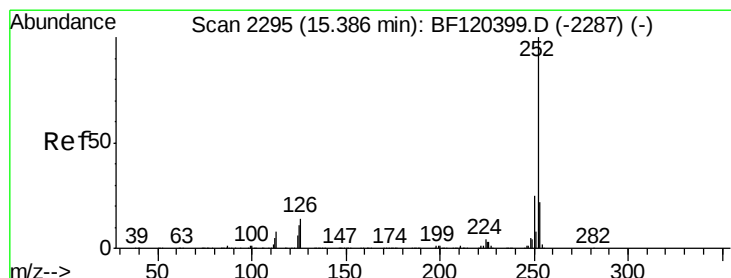
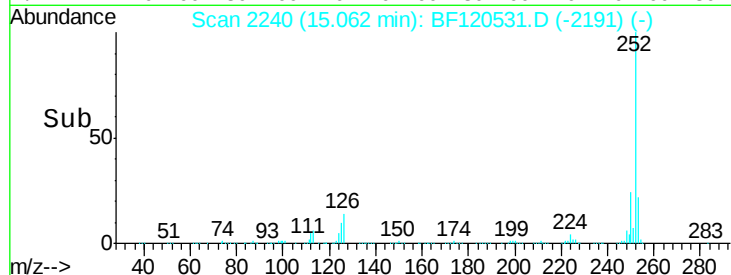
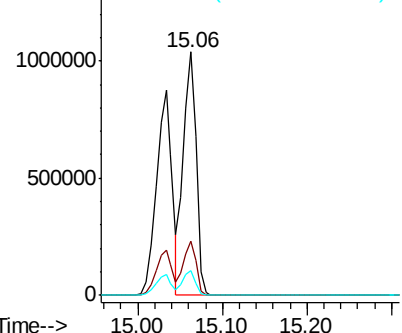
#89
Benzo(k)fluoranthene
Concen: 36.690 ng
RT: 15.06 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BF120531.D
Acq: 4 Jun 2020 14:03

Instrument :
BNA_F
ClientSampleId :
PB129254BS

Tot Ion:252 Resp: 1083251
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 9.9 7.5 11.3

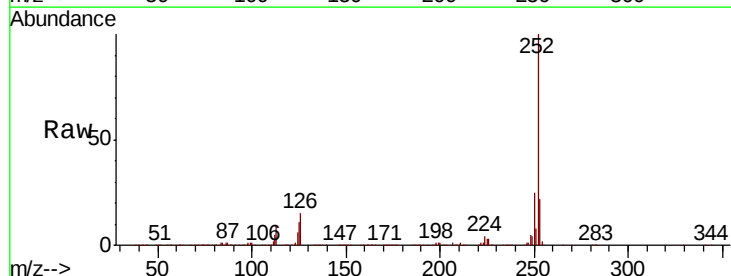


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

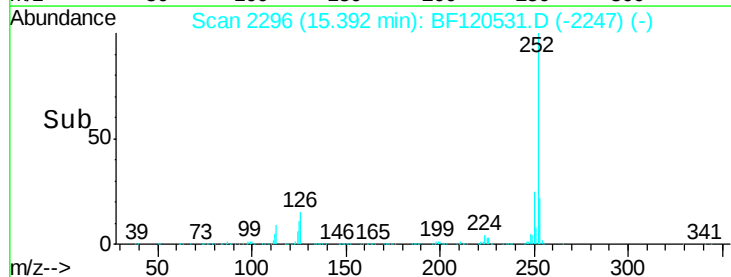
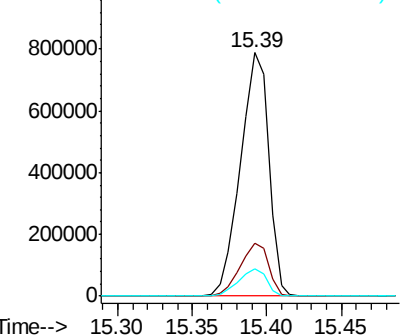


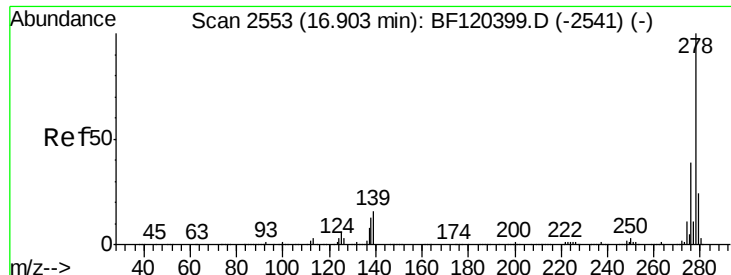
#90
Benzo(a)pyrene
Concen: 37.328 ng
RT: 15.39 min Scan# 2296
Delta R.T. -0.01 min
Lab File: BF120531.D
Acq: 4 Jun 2020 14:03

Tgt Ion:252 Resp: 1032600
Ion Ratio Lower Upper
252 100
253 21.7 18.0 27.0
125 11.4 9.2 13.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 36.493 ng

RT: 16.92 min Scan# 2556

Delta R.T. -0.02 min

Lab File: BF120531.D

Acq: 4 Jun 2020 14:03

Instrument :

BNA_F

ClientSampleId :

PB129254BS

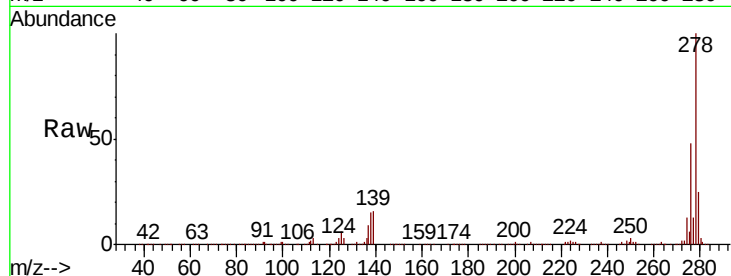
Tot Ion:278 Resp: 926551

Ion Ratio Lower Upper

278 100

139 16.2 11.6 17.4

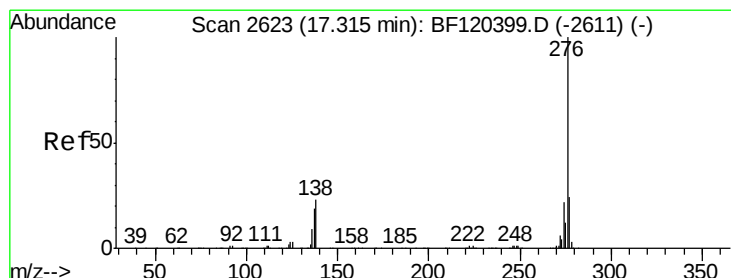
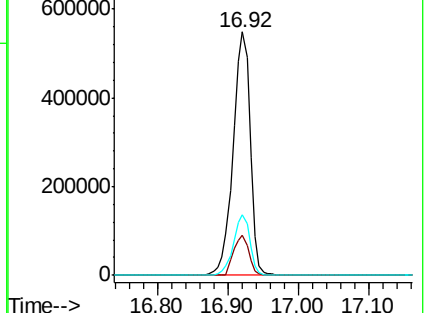
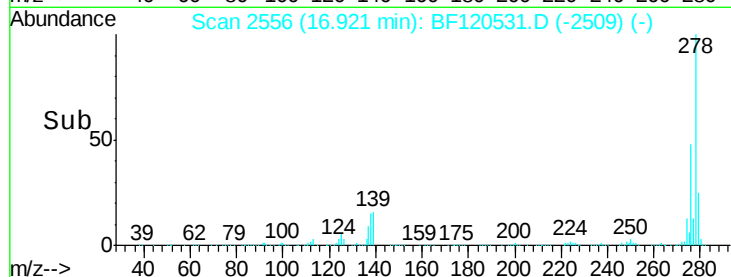
279 24.9 19.2 28.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 36.346 ng

RT: 17.34 min Scan# 2628

Delta R.T. -0.02 min

Lab File: BF120531.D

Acq: 4 Jun 2020 14:03

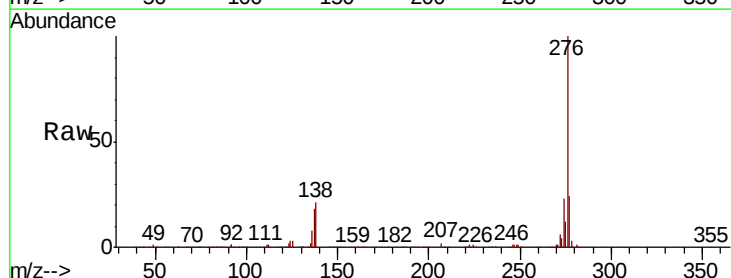
Tgt Ion:276 Resp: 910170

Ion Ratio Lower Upper

276 100

277 23.8 19.4 29.2

138 20.8 16.6 25.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

