

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF052920\
 Data File : BF120442.D
 Acq On : 29 May 2020 16:39
 Operator : MA/SJ
 Sample : PB129143BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB129143BS

Quant Time: May 29 17:10:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 12:39:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	274605	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1039536	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	506580	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	823330	20.00	ng	0.00
76) Chrysene-d12	14.00	240	501914	20.00	ng	0.00
86) Perylene-d12	15.44	264	556675	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	1794053	124.51	ng	0.02
7) Phenol-d6	6.47	99	2264621	127.51	ng	0.00
23) Nitrobenzene-d5	7.40	82	1450236	91.26	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	577435	123.02	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2608189	87.36	ng	0.00
79) Terphenyl-d14	12.95	244	2218988	98.38	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.68	88	290637	40.718	ng	100
3) Pyridine	3.43	79	692345	35.023	ng	96
4) n-Nitrosodimethylamine	3.38	42	365588	43.700	ng	99
6) Aniline	6.50	93	790122	31.906	ng	99
8) 2-Chlorophenol	6.62	128	770170	47.402	ng	97
9) Benzaldehyde	6.39	77	434633	40.153	ng	98
10) Phenol	6.49	94	871999	44.897	ng	95
11) bis(2-Chloroethyl)ether	6.57	93	725656	44.711	ng	97
12) 1,3-Dichlorobenzene	6.78	146	782536	43.840	ng	99
13) 1,4-Dichlorobenzene	6.86	146	794948	44.637	ng	98
14) 1,2-Dichlorobenzene	7.01	146	727498	44.226	ng	97
15) Benzyl Alcohol	6.98	79	616391	46.040	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1102764	43.100	ng	100
17) 2-Methylphenol	7.09	107	608007	41.849	ng	98
18) Hexachloroethane	7.35	117	283847	43.541	ng	99
19) n-Nitroso-di-n-propylamine	7.26	70	493744	43.734	ng	98
20) 3+4-Methylphenols	7.25	107	676112	36.837	ng	94
22) Acetophenone	7.25	105	926156	43.868	ng	# 98
24) Nitrobenzene	7.42	77	745608	43.555	ng	98
25) Isophorone	7.66	82	1389901	43.515	ng	98
26) 2-Nitrophenol	7.74	139	373771	48.426	ng	98
27) 2,4-Dimethylphenol	7.77	122	653094	48.724	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	894323	46.495	ng	99
29) 2,4-Dichlorophenol	7.97	162	613298	45.300	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	690087	45.420	ng	98
31) Naphthalene	8.15	128	2052947	44.967	ng	99
32) Benzoic acid	7.90	122	471969	47.450	ng	97
33) 4-Chloroaniline	8.19	127	391002	19.324	ng	98
34) Hexachlorobutadiene	8.26	225	399617	44.373	ng	99
35) Caprolactam	8.56	113	133358	30.415	ng	97
36) 4-Chloro-3-methylphenol	8.67	107	612459	44.589	ng	99
37) 2-Methylnaphthalene	8.83	142	1380865	45.663	ng	99
38) 1-Methylnaphthalene	8.93	142	1302051	45.616	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	639872	49.255	ng	100

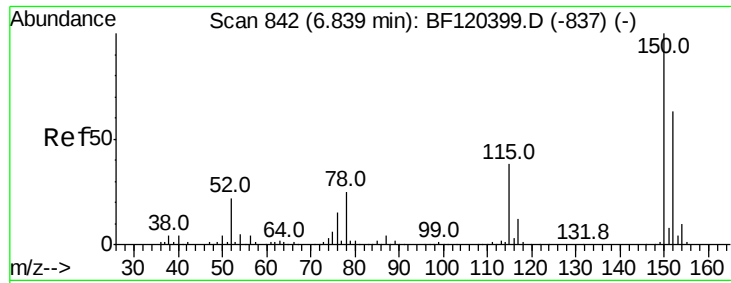
Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF052920\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	470053	64.832	ng	100
43) 2,4,6-Trichlorophenol	9.11	196	454305	48.354	ng	99
44) 2,4,5-Trichlorophenol	9.15	196	467085	43.857	ng	98
46) 1,1'-Biphenyl	9.30	154	1635325	49.141	ng	99
47) 2-Chloronaphthalene	9.32	162	1242924	45.358	ng	97
48) 2-Nitroaniline	9.42	65	371958	44.565	ng	98
49) Acenaphthylene	9.74	152	1952172	46.101	ng	100
50) Dimethylphthalate	9.60	163	1466167	46.295	ng	100
51) 2,6-Dinitrotoluene	9.66	165	319153	45.346	ng #	84
52) Acenaphthene	9.91	154	1212696	45.886	ng	99
53) 3-Nitroaniline	9.82	138	169842	20.550	ng	100
54) 2,4-Dinitrophenol	9.93	184	155569	57.275	ng	94
55) Dibenzofuran	10.09	168	1702688	44.334	ng	97
56) 4-Nitrophenol	9.99	139	545624	86.232	ng	98
57) 2,4-Dinitrotoluene	10.06	165	399497	44.351	ng	94
58) Fluorene	10.43	166	1202345	41.718	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	374543	45.131	ng	99
60) Diethylphthalate	10.30	149	1444762	45.144	ng	100
61) 4-Chlorophenyl-phenylether	10.42	204	627451	40.156	ng	100
62) 4-Nitroaniline	10.44	138	251965	32.293	ng	99
63) Azobenzene	10.58	77	1303199	43.291	ng	99
65) 4,6-Dinitro-2-methylphenol	10.47	198	114972	38.285	ng	87
66) n-Nitrosodiphenylamine	10.54	169	1184441	51.789	ng	99
67) 4-Bromophenyl-phenylether	10.91	248	406019	48.854	ng	98
68) Hexachlorobenzene	10.97	284	433625	48.994	ng #	90
69) Atrazine	11.06	200	326963	50.721	ng	99
70) Pentachlorophenol	11.16	266	481279	88.939	ng	97
71) Phenanthrene	11.39	178	1682254	46.371	ng	100
72) Anthracene	11.44	178	1716581	47.159	ng	100
73) Carbazole	11.59	167	1561957	44.365	ng	99
74) Di-n-butylphthalate	11.92	149	1999829	48.830	ng	99
75) Fluoranthene	12.57	202	1630529	41.770	ng	97
77) Benzidine	12.69	184	1101418	83.519	ng	97
78) Pyrene	12.80	202	1617765	46.347	ng	99
80) Butylbenzylphthalate	13.42	149	718521	49.308	ng	98
81) Benzo(a)anthracene	13.99	228	1268255	47.147	ng	100
82) 3,3'-Dichlorobenzidine	13.95	252	505906	51.803	ng	100
83) Chrysene	14.03	228	1322130	46.882	ng	99
84) Bis(2-ethylhexyl)phthalate	13.98	149	935367	54.682	ng	99
85) Di-n-octyl phthalate	14.59	149	1667503	56.337	ng	99
87) Indeno(1,2,3-cd)pyrene	16.89	276	1418311	46.583	ng	99
88) Benzo(b)fluoranthene	15.03	252	1418752	45.885	ng	99
89) Benzo(k)fluoranthene	15.06	252	1223777	42.397	ng	99
90) Benzo(a)pyrene	15.39	252	1224578	45.279	ng	99
91) Dibenzo(a,h)anthracene	16.91	278	1195489	48.161	ng	99
92) Benzo(g,h,i)perylene	17.33	276	1169386	47.764	ng	98

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

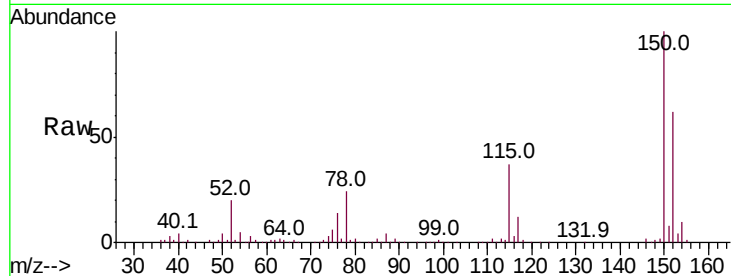


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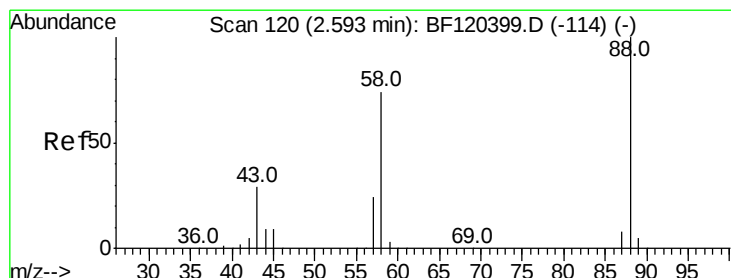
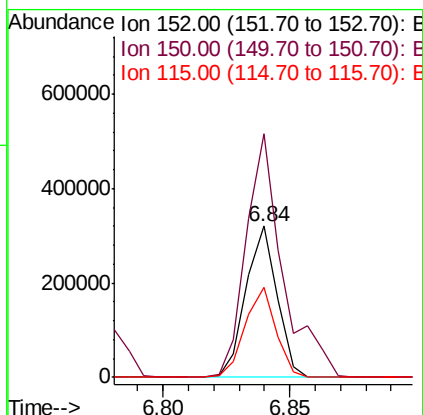
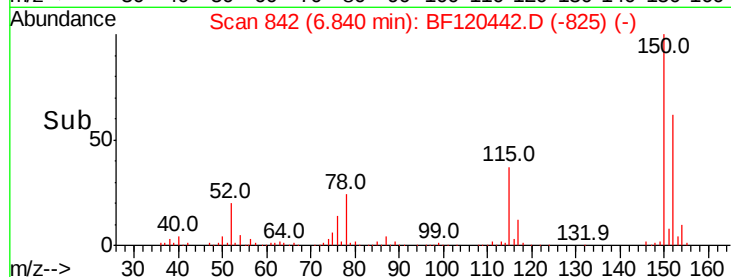
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 842
Delta R.T. 0.00 min
Lab File: BF120442.D
Acq: 29 May 2020 16:39

Instrument :
BNA_F
ClientSampleId :
PB129143BS

Tot Ion:152 Resp: 274605
Ion Ratio Lower Upper
152 100
150 161.0 126.5 189.7
115 59.1 47.6 71.4



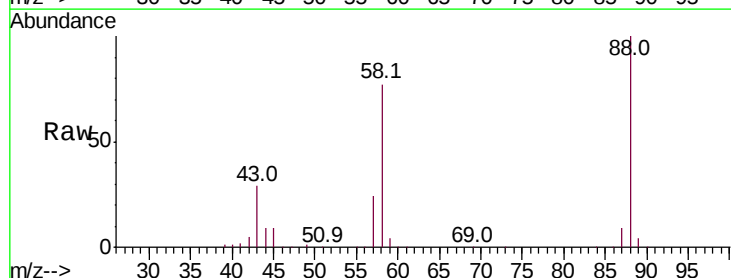
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



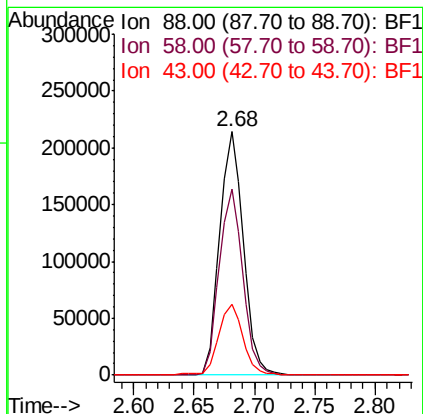
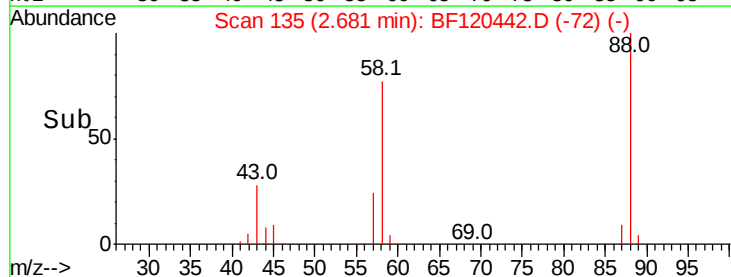
#2

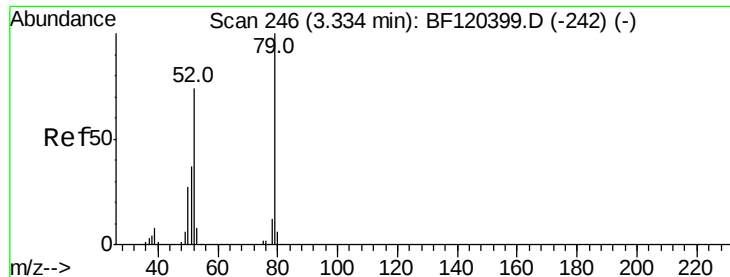
1,4-Dioxane
Concen: 40.718 ng
RT: 2.68 min Scan# 135
Delta R.T. 0.07 min
Lab File: BF120442.D
Acq: 29 May 2020 16:39

Tgt Ion: 88 Resp: 290637
Ion Ratio Lower Upper
88 100
58 75.9 61.0 91.4
43 29.3 23.6 35.4



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: 35.023 ng

RT: 3.43 min Scan# 262

Delta R.T. 0.07 min

Lab File: BF120442.D

Acq: 29 May 2020 16:39

Instrument :

BNA_F

ClientSampleId :

PB129143BS

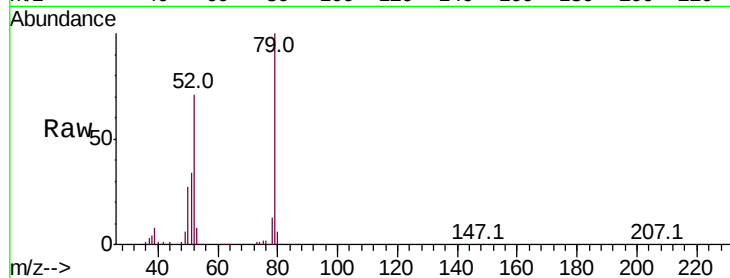
Tot Ion: 79 Resp: 692345

Ion Ratio Lower Upper

79 100

52 70.7 59.2 88.8

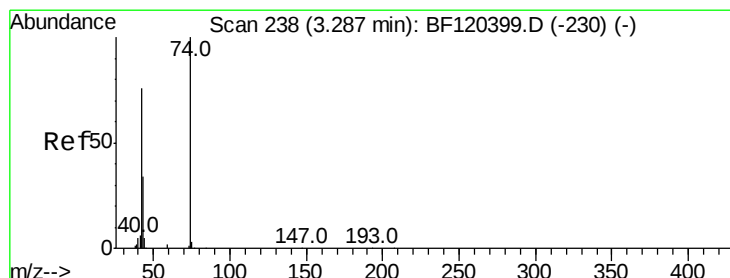
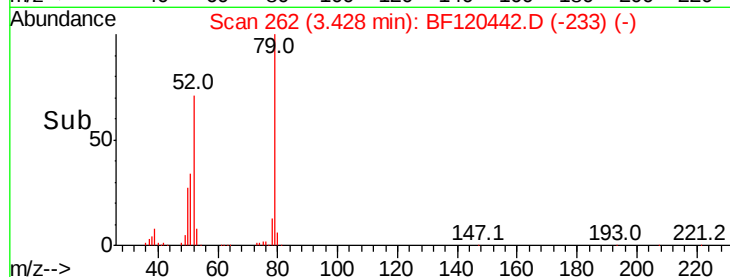
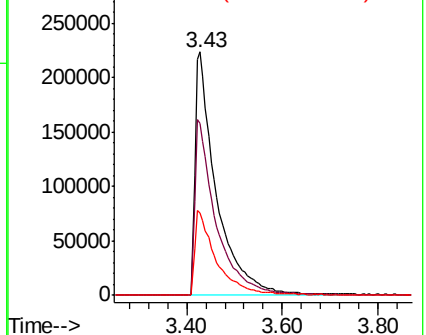
51 34.0 29.4 44.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 43.700 ng

RT: 3.38 min Scan# 253

Delta R.T. 0.06 min

Lab File: BF120442.D

Acq: 29 May 2020 16:39

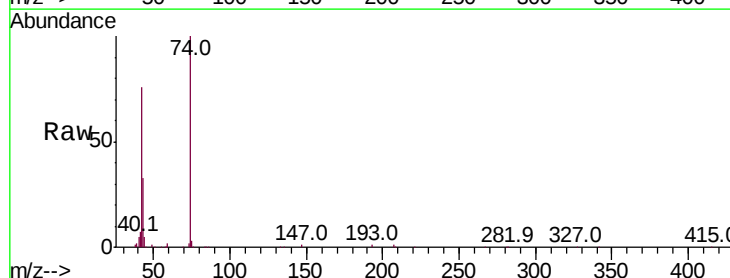
Tgt Ion: 42 Resp: 365588

Ion Ratio Lower Upper

42 100

74 131.6 104.8 157.2

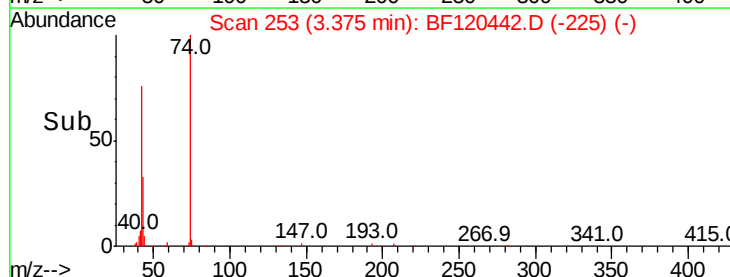
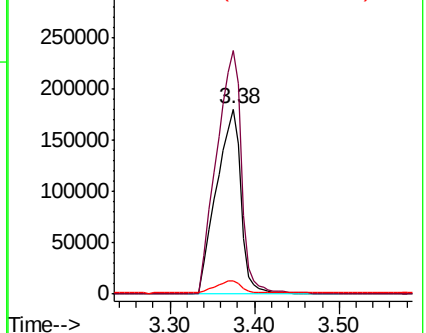
44 7.1 7.0 10.4

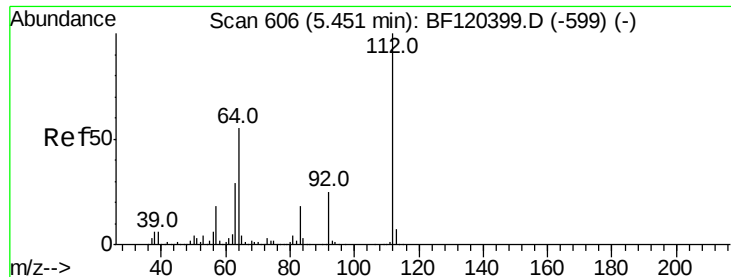


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 124.507 ng

RT: 5.47 min Scan# 609

Delta R.T. 0.02 min

Lab File: BF120442.D

Acq: 29 May 2020 16:39

Instrument :

BNA_F

ClientSampleId :

PB129143BS

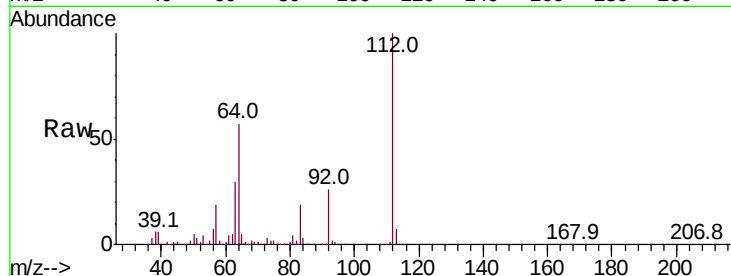
Tot Ion:112 Resp: 1794053

Ion Ratio Lower Upper

112 100

64 57.2 44.3 66.5

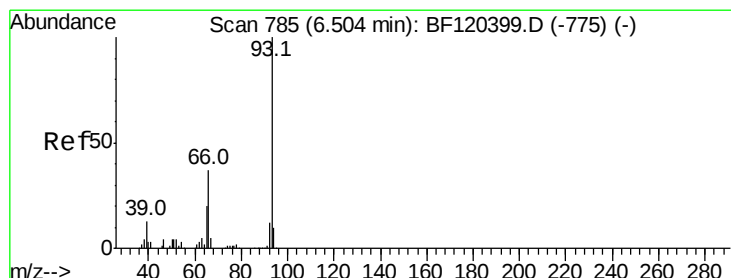
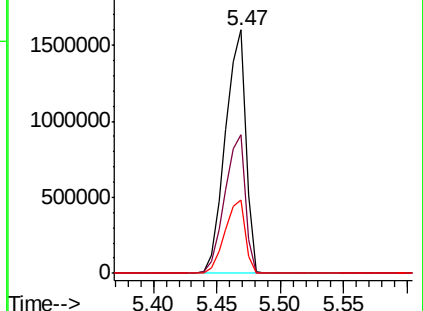
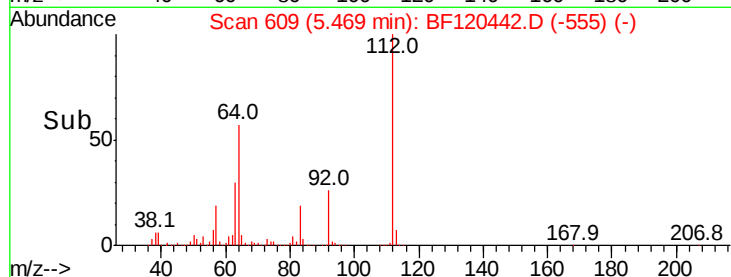
63 30.2 22.9 34.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 31.906 ng

RT: 6.50 min Scan# 785

Delta R.T. 0.00 min

Lab File: BF120442.D

Acq: 29 May 2020 16:39

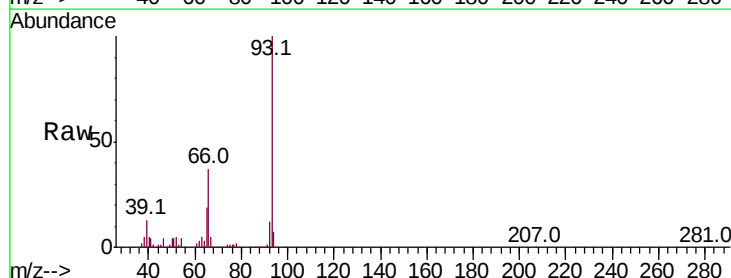
Tgt Ion: 93 Resp: 790122

Ion Ratio Lower Upper

93 100

66 37.5 30.4 45.6

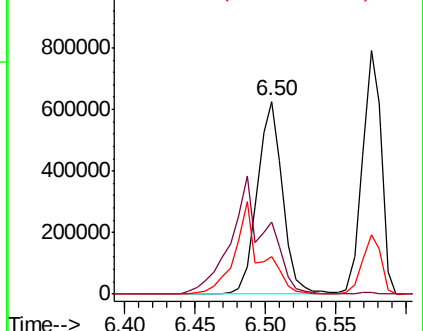
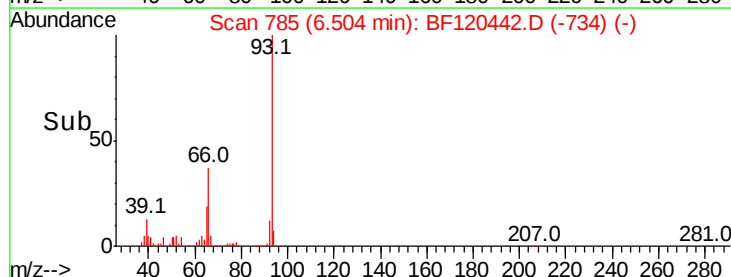
65 19.4 16.3 24.5

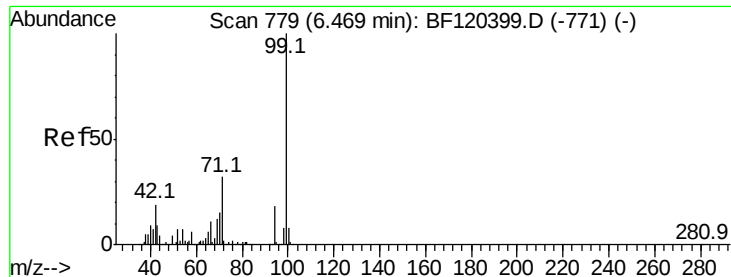


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 127.509 ng

RT: 6.47 min Scan# 780

Delta R.T. 0.01 min

Lab File: BF120442.D

Acq: 29 May 2020 16:39

Instrument :

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PB129143BS

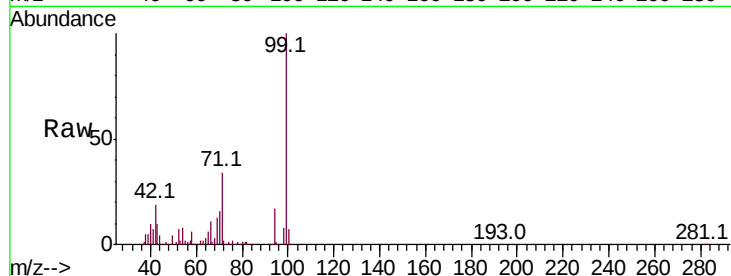
Tot Ion: 99 Resp: 2264621

Ion Ratio Lower Upper

99 100

42 19.5 15.2 22.8

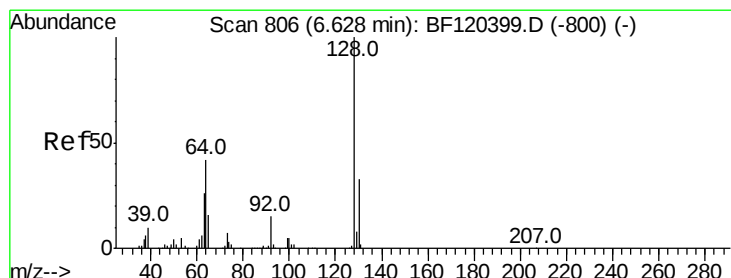
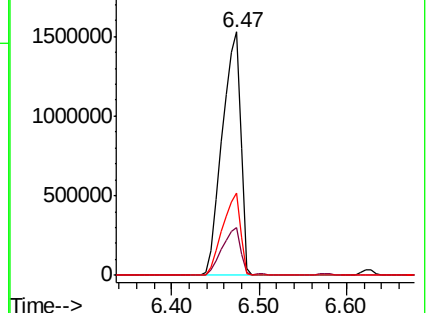
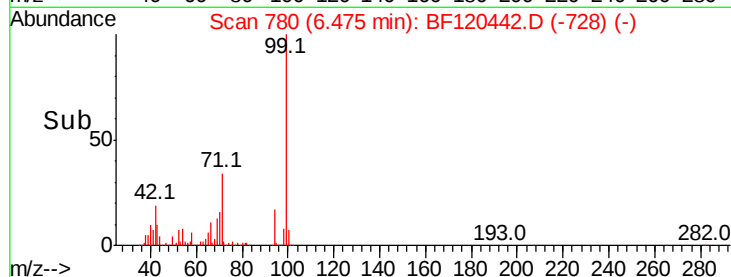
71 33.8 25.6 38.4



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: 47.402 ng

RT: 6.62 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF120442.D

Acq: 29 May 2020 16:39

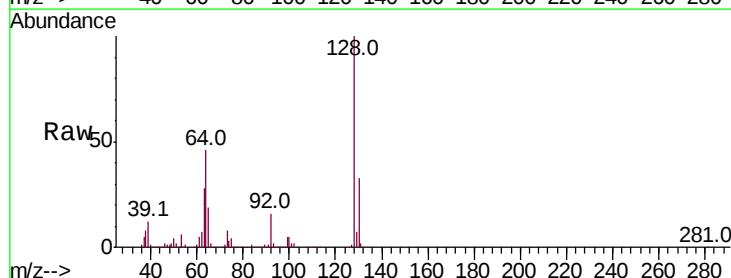
Tgt Ion: 128 Resp: 770170

Ion Ratio Lower Upper

128 100

130 32.9 12.9 52.9

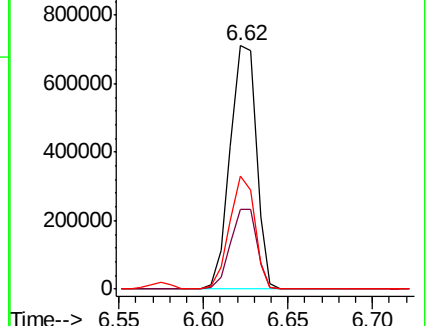
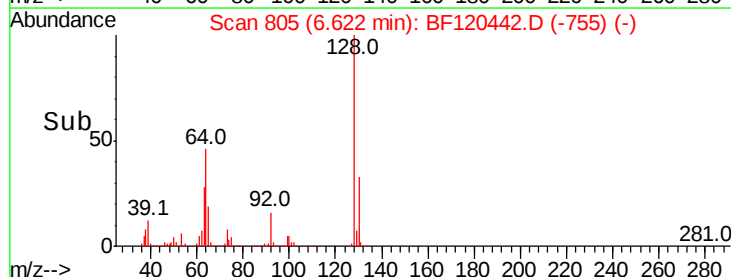
64 46.4 23.2 63.2

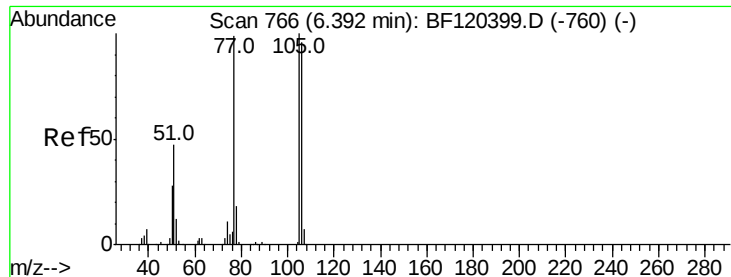


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 40.153 ng

RT: 6.39 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF120442.D

Acq: 29 May 2020 16:39

Instrument :

BNA_F

ClientSampleId :

PB129143BS

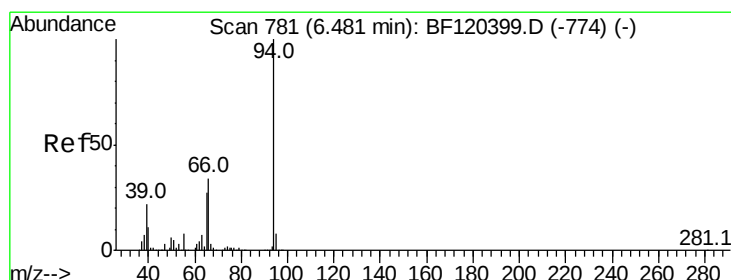
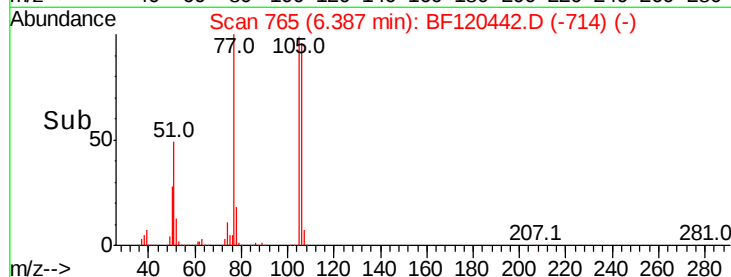
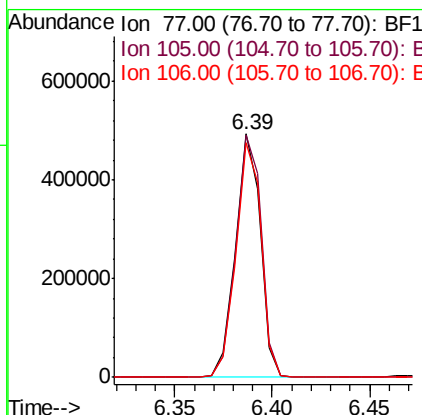
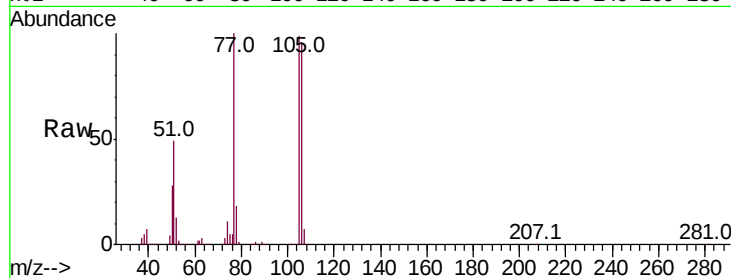
Tot Ion: 77 Resp: 434633

Ion Ratio Lower Upper

77 100

105 99.3 81.5 121.5

106 96.1 77.4 117.4



#10

Phenol

Concen: 44.897 ng

RT: 6.49 min Scan# 782

Delta R.T. 0.01 min

Lab File: BF120442.D

Acq: 29 May 2020 16:39

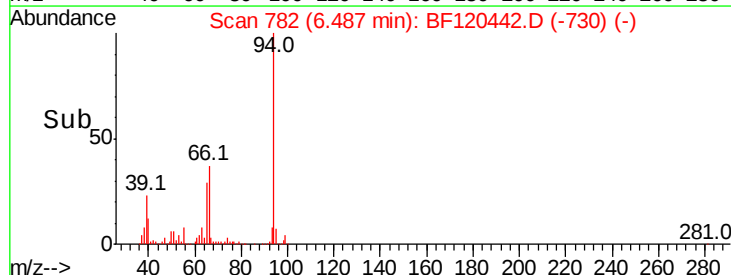
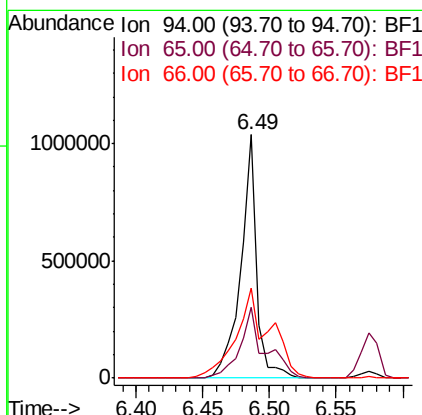
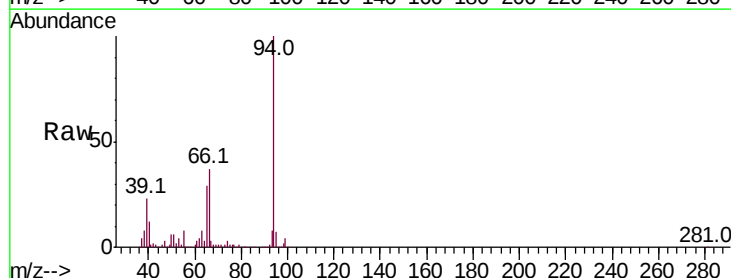
Tgt Ion: 94 Resp: 871999

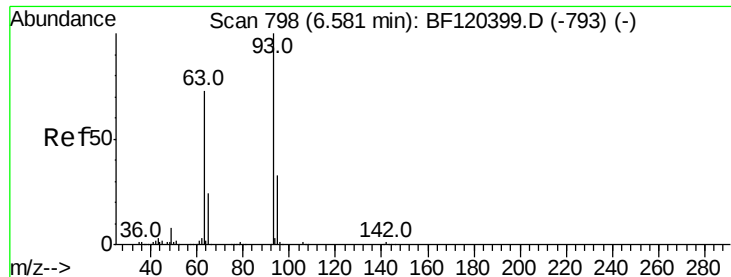
Ion Ratio Lower Upper

94 100

65 29.1 6.8 46.8

66 36.9 13.9 53.9

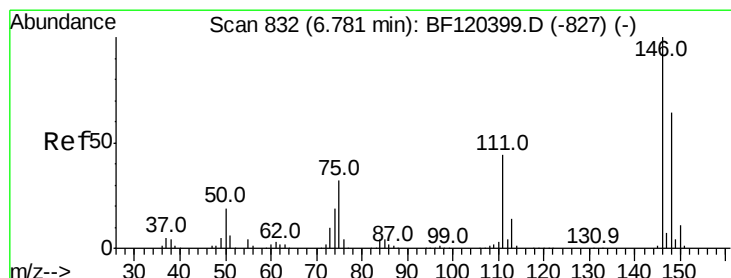
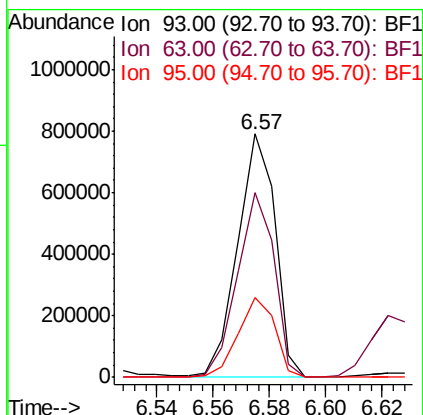
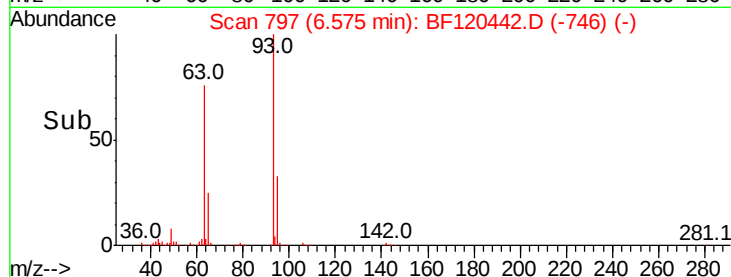
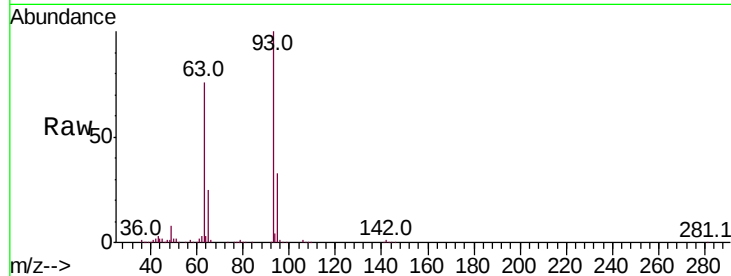




#11
bis(2-Chloroethyl)ether
Concen: 44.711 ng
RT: 6.57 min Scan# 797
Delta R.T. 0.00 min
Lab File: BF120442.D
Acq: 29 May 2020 16:39

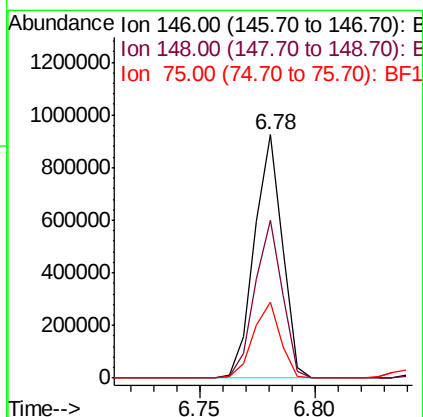
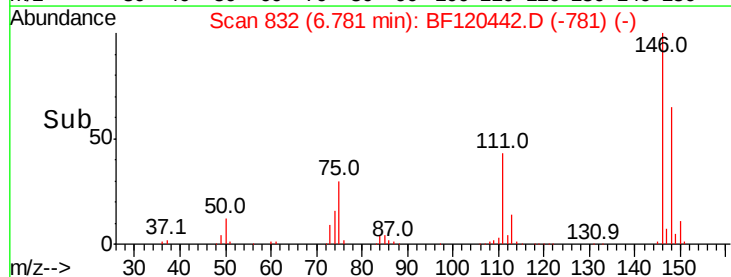
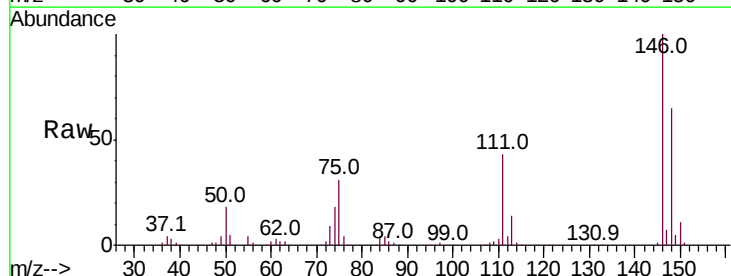
Instrument :
BNA_F
ClientSampleId :
PB129143BS

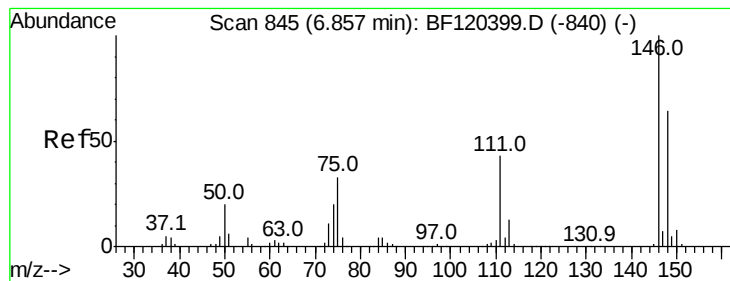
Tot Ion: 93 Resp: 725656
Ion Ratio Lower Upper
93 100
63 75.9 52.8 92.8
95 32.9 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 43.840 ng
RT: 6.78 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF120442.D
Acq: 29 May 2020 16:39

Tgt Ion: 146 Resp: 782536
Ion Ratio Lower Upper
146 100
148 64.6 51.2 76.8
75 31.1 25.9 38.9





#13

1,4-Dichlorobenzene

Concen: 44.637 ng

RT: 6.86 min Scan# 845

Delta R.T. 0.00 min

Lab File: BF120442.D

Acq: 29 May 2020 16:39

Instrument :

BNA_F

ClientSampleId :

PB129143BS

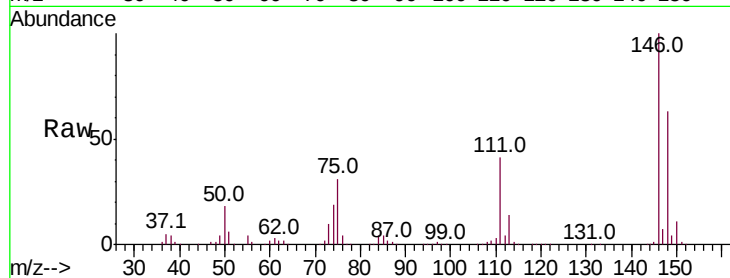
Tot Ion:146 Resp: 794948

Ion Ratio Lower Upper

146 100

148 63.0 51.4 77.0

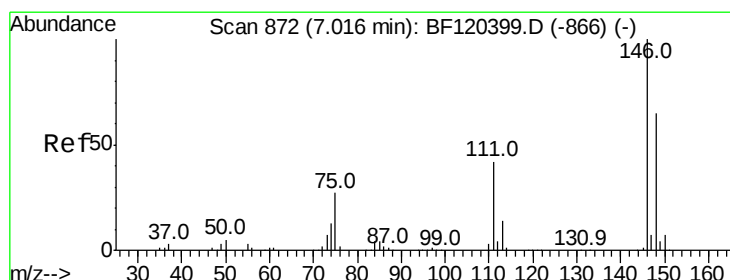
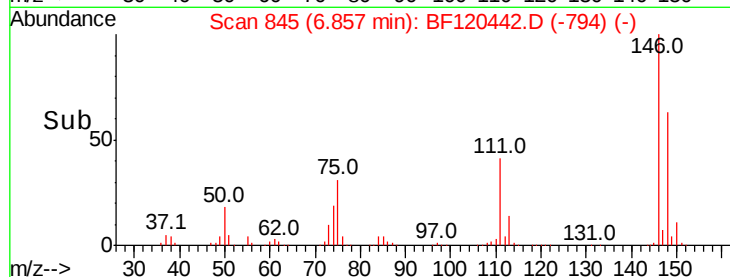
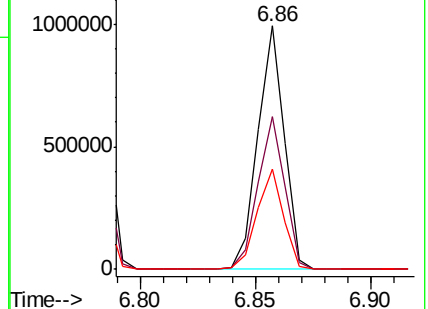
111 41.2 34.2 51.4



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: 44.226 ng

RT: 7.01 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF120442.D

Acq: 29 May 2020 16:39

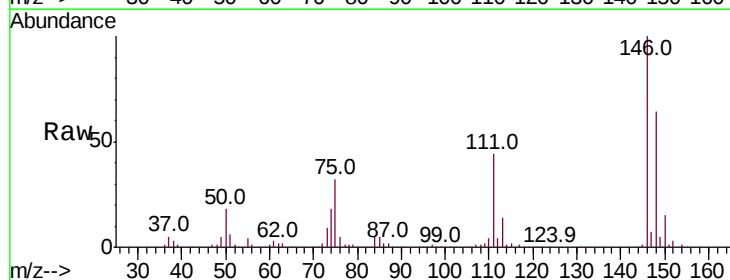
Tgt Ion:146 Resp: 727498

Ion Ratio Lower Upper

146 100

148 63.6 52.3 78.5

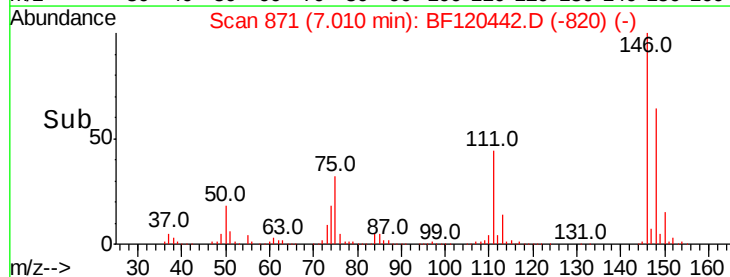
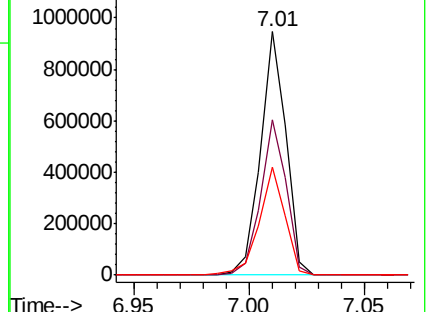
111 44.3 33.9 50.9

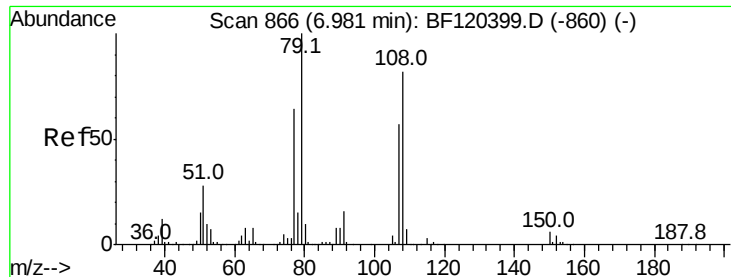


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 46.040 ng

RT: 6.98 min Scan# 866

Delta R.T. 0.00 min

Lab File: BF120442.D

Acq: 29 May 2020 16:39

Instrument :

BNA_F

ClientSampleId :

PB129143BS

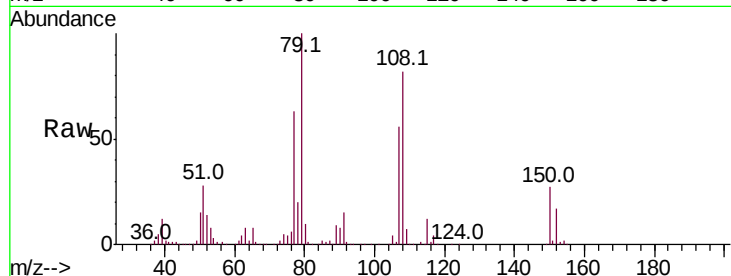
Tot Ion: 79 Resp: 616391

Ion Ratio Lower Upper

79 100

108 81.7 65.8 98.8

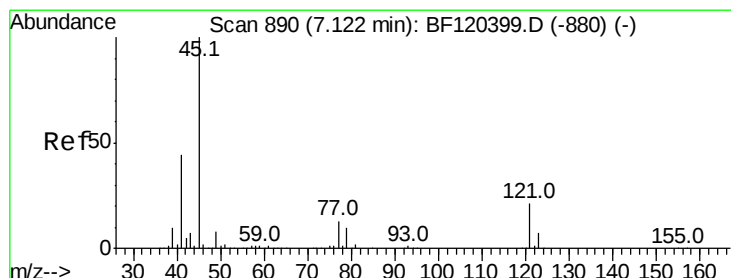
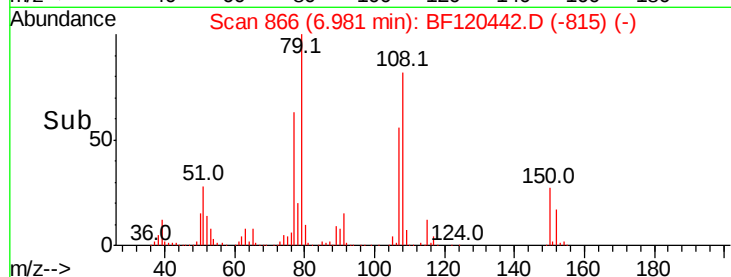
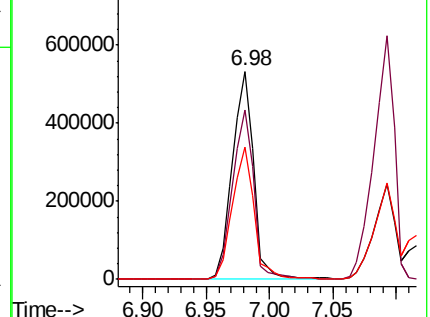
77 63.4 51.5 77.3



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 43.100 ng

RT: 7.12 min Scan# 889

Delta R.T. 0.00 min

Lab File: BF120442.D

Acq: 29 May 2020 16:39

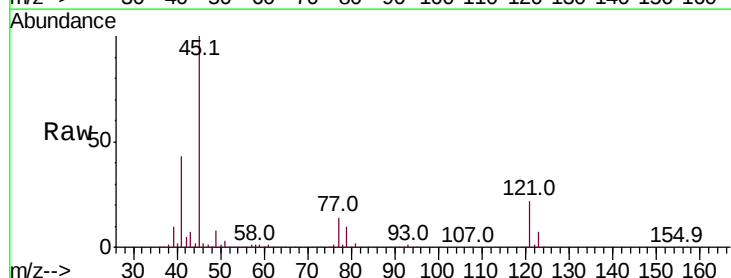
Tgt Ion: 45 Resp: 1102764

Ion Ratio Lower Upper

45 100

77 13.7 0.0 33.5

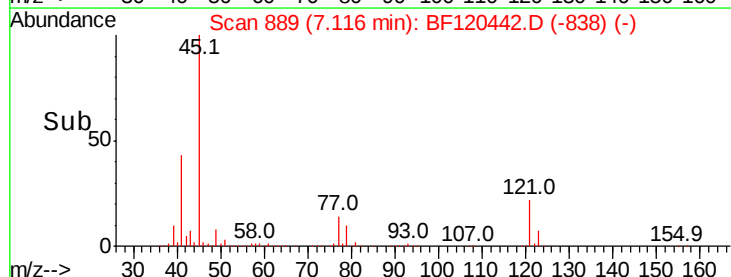
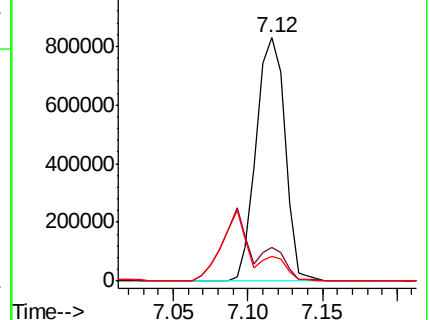
79 10.3 0.0 30.3

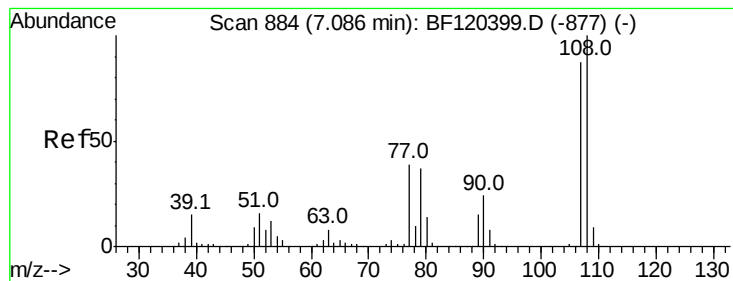


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 41.849 ng

RT: 7.09 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF120442.D

Acq: 29 May 2020 16:39

Instrument :

BNA_F

ClientSampleId :

PB129143BS

Tot Ion:107 Resp: 608007

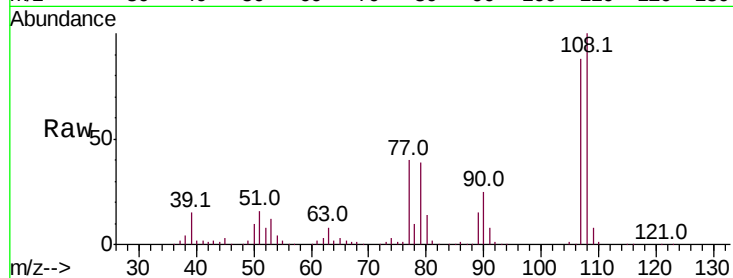
Ion Ratio Lower Upper

107 100

108 113.2 92.3 138.5

77 45.1 35.7 53.5

79 44.2 34.1 51.1

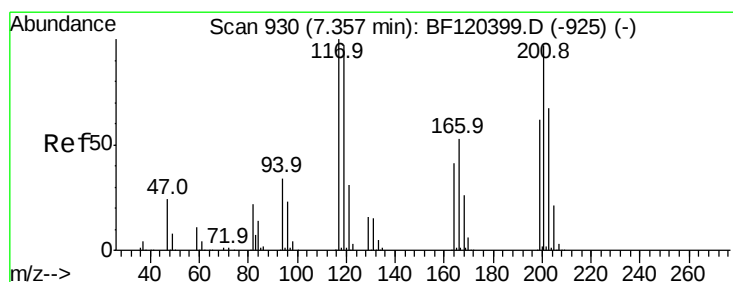
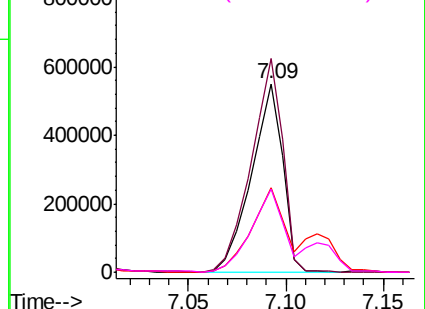
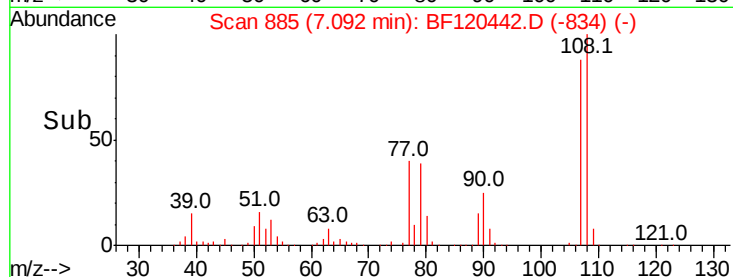


Abundance Ion 107.00 (106.70 to 107.70): E

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



#18

Hexachloroethane

Concen: 43.541 ng

RT: 7.35 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF120442.D

Acq: 29 May 2020 16:39

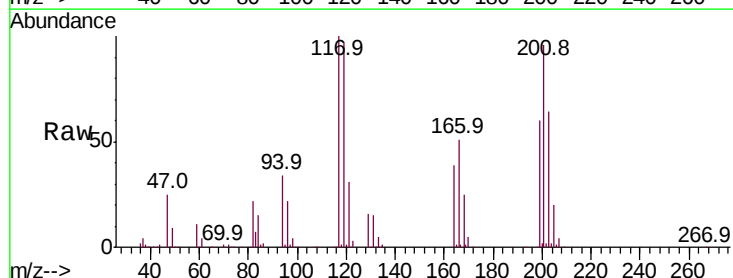
Tgt Ion:117 Resp: 283847

Ion Ratio Lower Upper

117 100

119 97.3 77.4 116.2

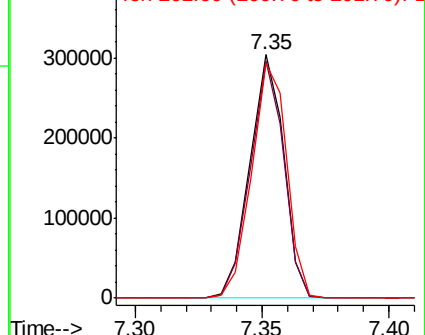
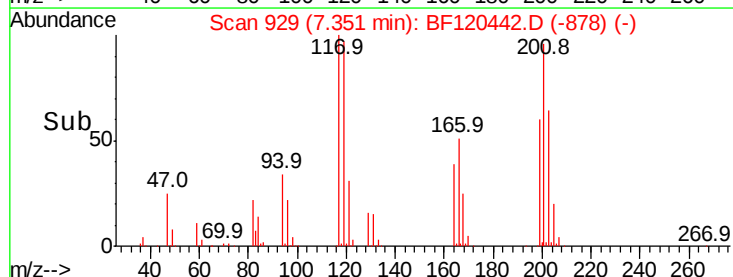
201 96.4 77.7 116.5

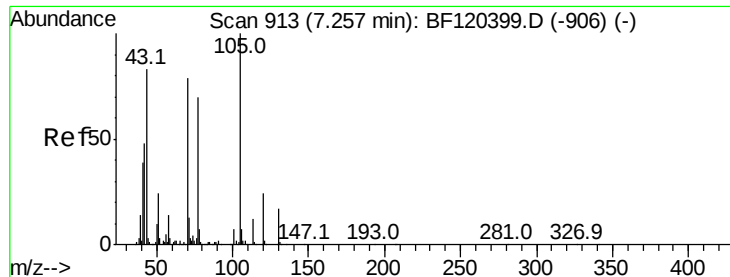


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

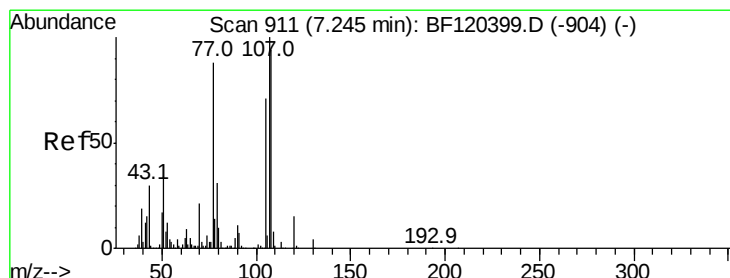
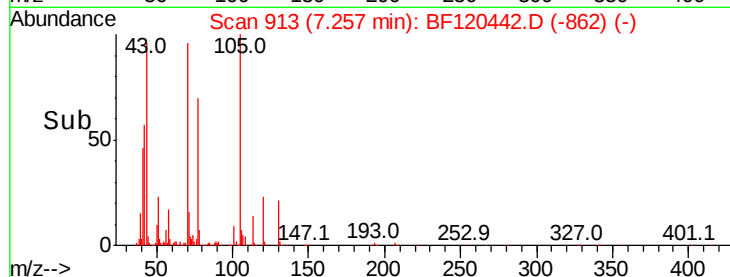
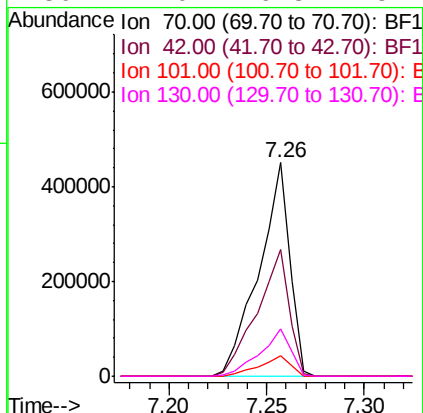
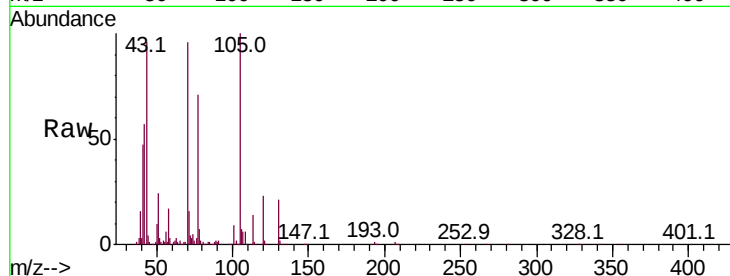




#19
n-Nitroso-di-n-propylamine
Concen: 43.734 ng
RT: 7.26 min Scan# 913
Delta R.T. 0.00 min
Lab File: BF120442.D
Acq: 29 May 2020 16:39

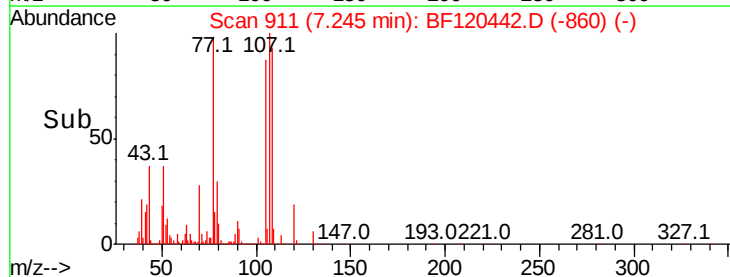
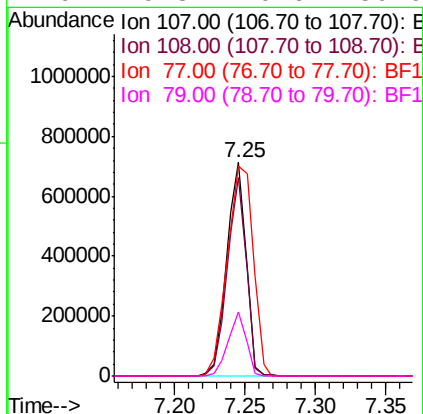
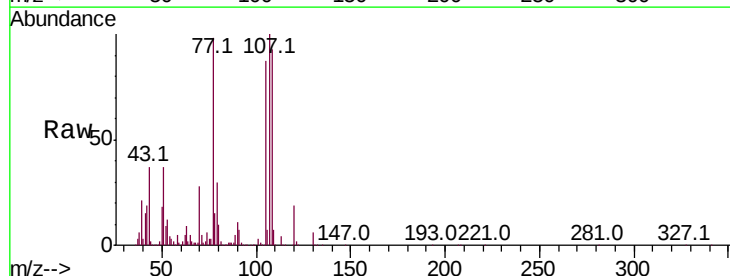
Instrument :
BNA_F
ClientSampleId :
PB129143BS

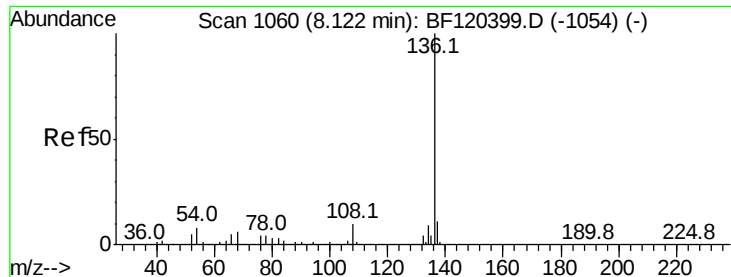
Tot Ion:	70	Resp:	493744
Ion	Ratio	Lower	Upper
70	100		
42	59.1	48.9	73.3
101	9.8	7.4	11.2
130	22.0	16.8	25.2



#20
3+4-Methylphenols
Concen: 36.837 ng
RT: 7.25 min Scan# 911
Delta R.T. 0.00 min
Lab File: BF120442.D
Acq: 29 May 2020 16:39

Tgt Ion:	107	Resp:	676112
Ion	Ratio	Lower	Upper
107	100		
108	92.8	74.4	114.4
77	98.3	67.6	107.6
79	29.8	10.6	50.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BF120442.D

Acq: 29 May 2020 16:39

Instrument :

BNA_F

ClientSampleId :

PB129143BS

Tot Ion:136 Resp: 1039536

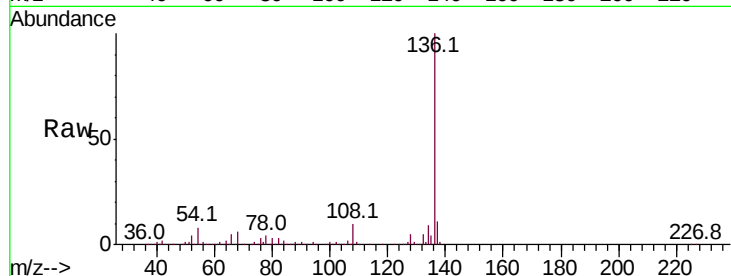
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 7.9 6.7 10.1

68 6.2 5.0 7.4



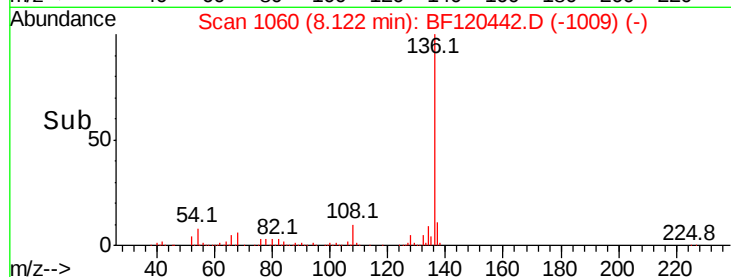
Abundance

Ion 136.00 (135.70 to 136.70): E

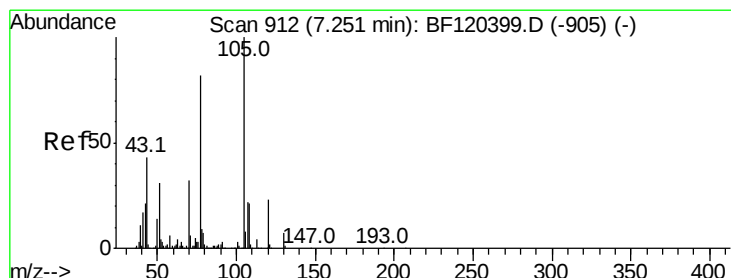
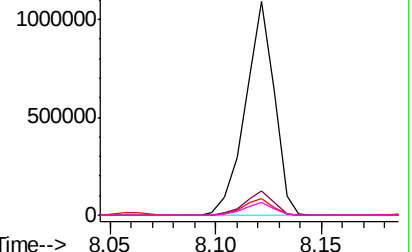
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 43.868 ng

RT: 7.25 min Scan# 912

Delta R.T. 0.00 min

Lab File: BF120442.D

Acq: 29 May 2020 16:39

Tgt Ion:105 Resp: 926156

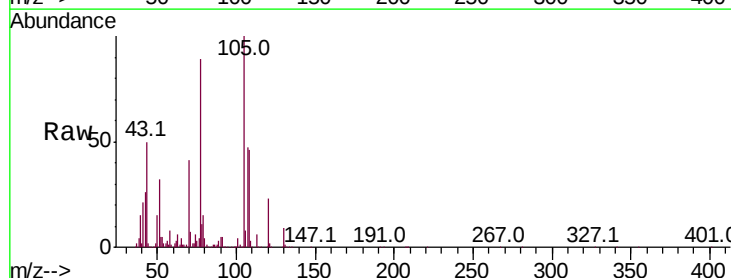
Ion Ratio Lower Upper

105 100

71 6.8 4.4 6.6#

51 32.3 24.5 36.7

120 22.5 18.2 27.2



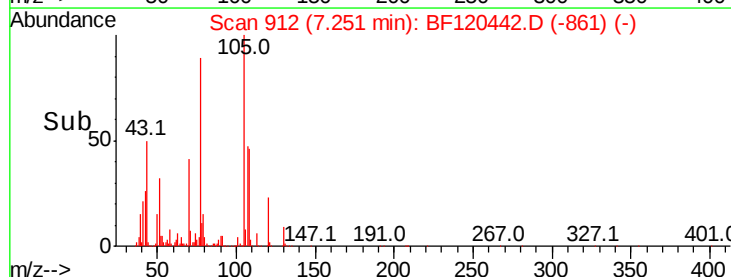
Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

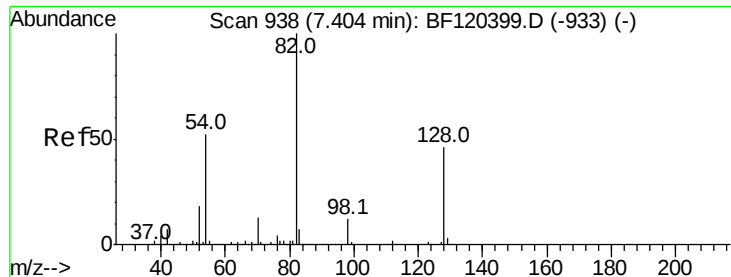
Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->

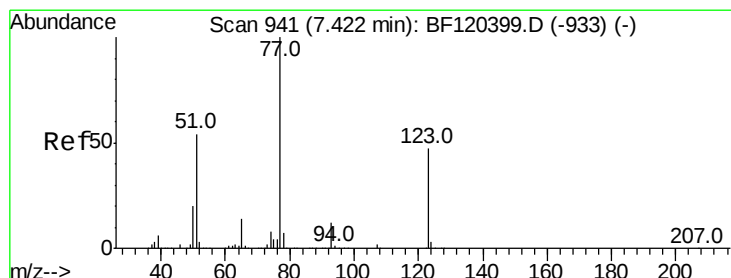
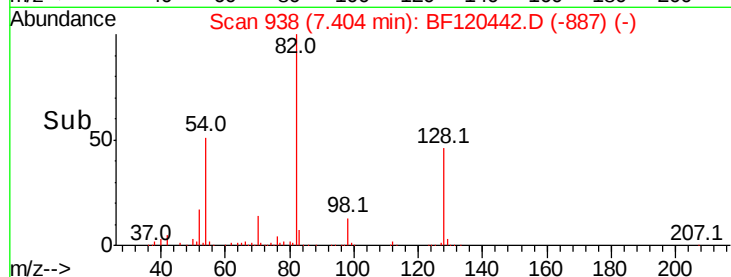
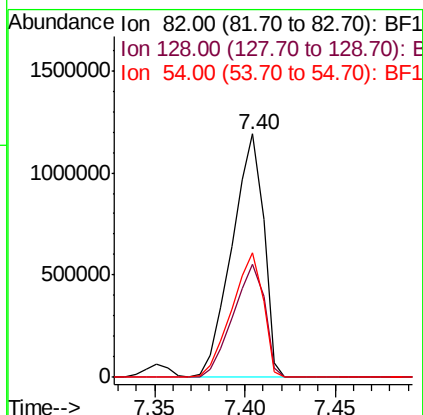
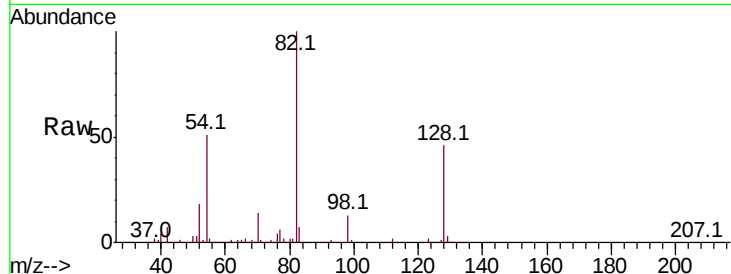




#23
Nitrobenzene-d5
Concen: 91.257 ng
RT: 7.40 min Scan# 938
Delta R.T. 0.00 min
Lab File: BF120442.D
Acq: 29 May 2020 16:39

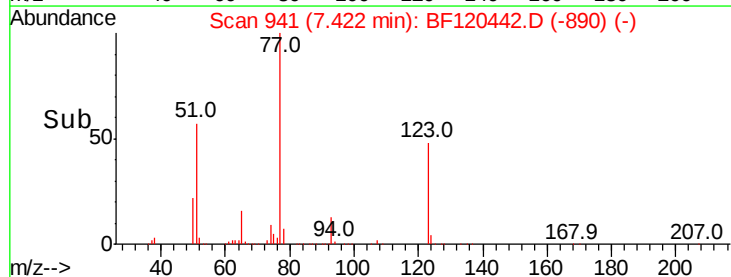
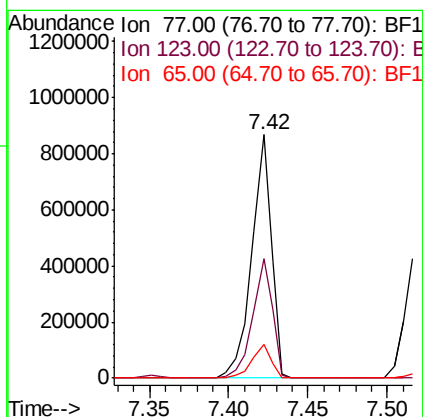
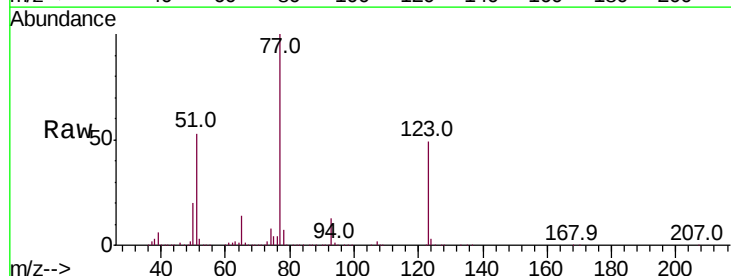
Instrument :
BNA_F
ClientSampleId :
PB129143BS

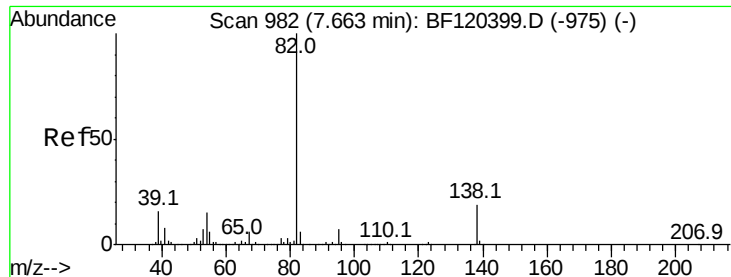
Tot Ion: 82 Resp: 1450236
Ion Ratio Lower Upper
82 100
128 46.2 36.8 55.2
54 51.3 41.6 62.4



#24
Nitrobenzene
Concen: 43.555 ng
RT: 7.42 min Scan# 941
Delta R.T. 0.00 min
Lab File: BF120442.D
Acq: 29 May 2020 16:39

Tgt Ion: 77 Resp: 745608
Ion Ratio Lower Upper
77 100
123 48.9 37.8 56.6
65 13.8 11.3 16.9





#25

Isophorone

Concen: 43.515 ng

RT: 7.66 min Scan# 982

Delta R.T. 0.00 min

Lab File: BF120442.D

Acq: 29 May 2020 16:39

Instrument :

BNA_F

ClientSampleId :

PB129143BS

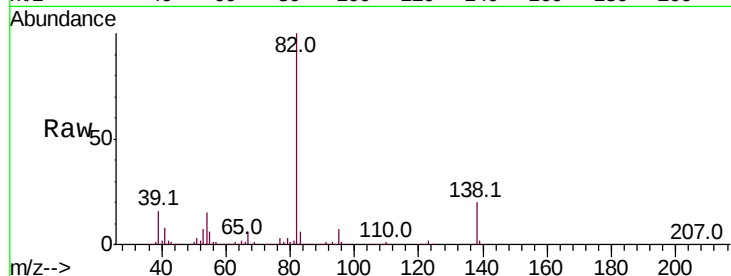
Tot Ion: 82 Resp: 1389901

Ion Ratio Lower Upper

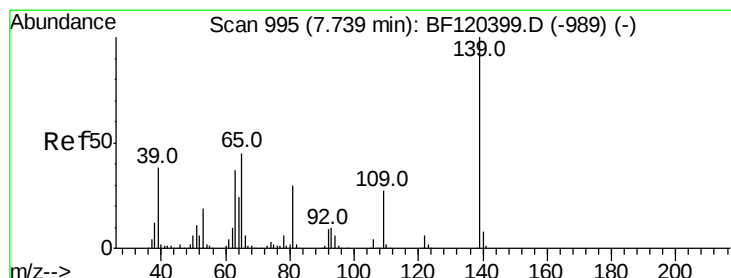
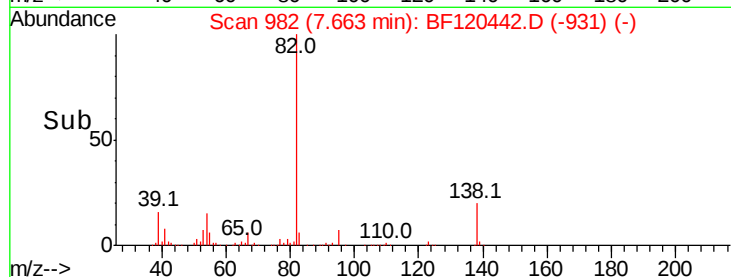
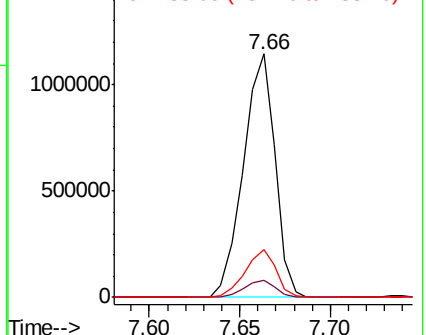
82 100

95 7.2 5.6 8.4

138 19.5 15.0 22.4



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: 48.426 ng

RT: 7.74 min Scan# 995

Delta R.T. 0.00 min

Lab File: BF120442.D

Acq: 29 May 2020 16:39

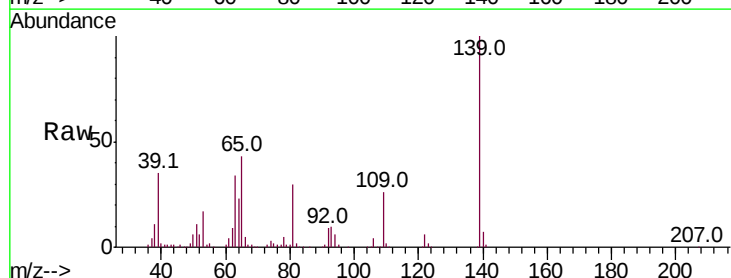
Tgt Ion:139 Resp: 373771

Ion Ratio Lower Upper

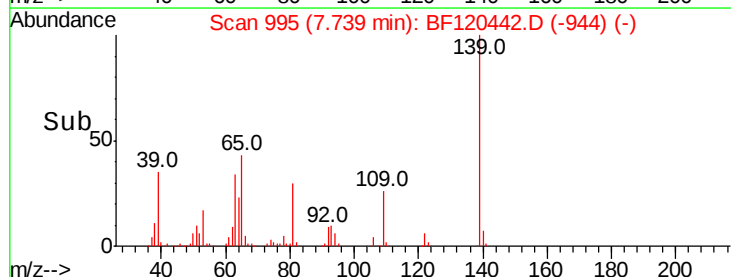
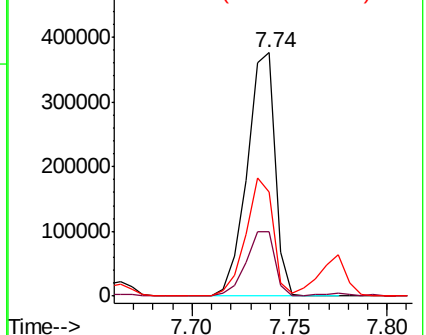
139 100

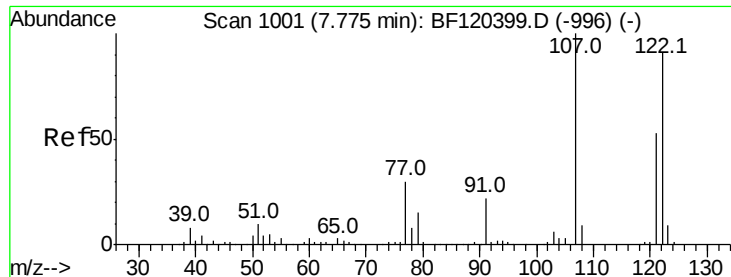
109 26.4 21.2 31.8

65 42.6 35.8 53.6



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

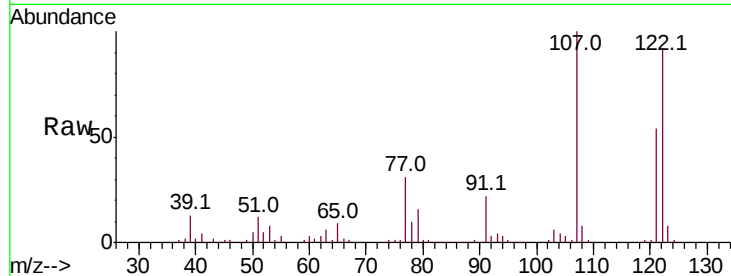




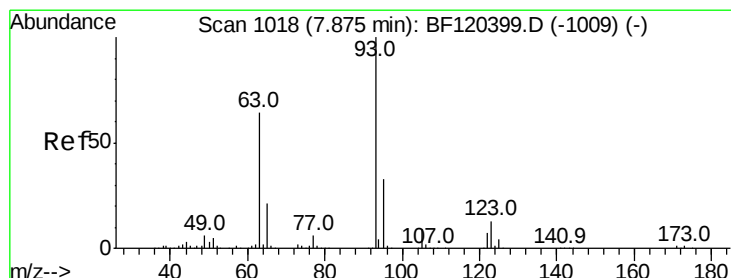
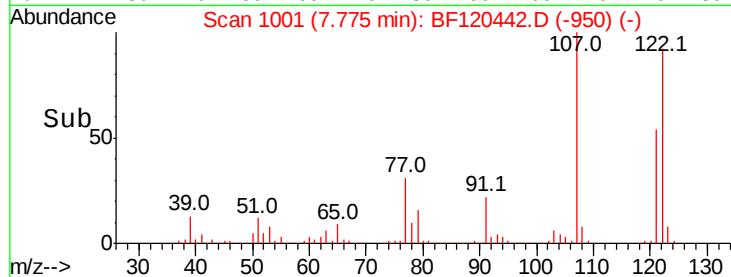
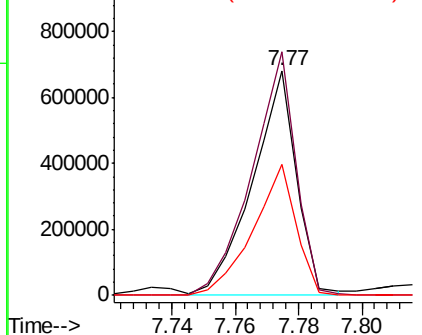
#27
 2,4-Dimethylphenol
 Concen: 48.724 ng
 RT: 7.77 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: BF120442.D
 Acq: 29 May 2020 16:39

Instrument :
 BNA_F
 ClientSampleId :
 PB129143BS

Tot Ion:122 Resp: 653094
 Ion Ratio Lower Upper
 122 100
 107 108.3 87.3 130.9
 121 58.0 46.2 69.2

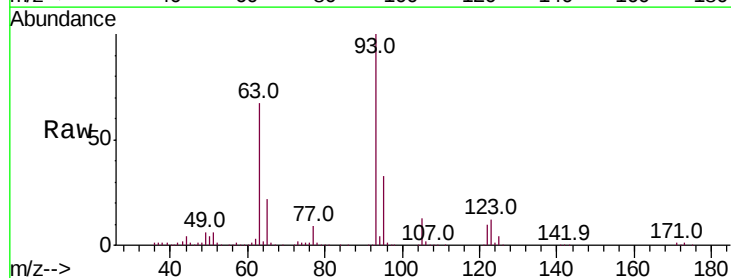


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

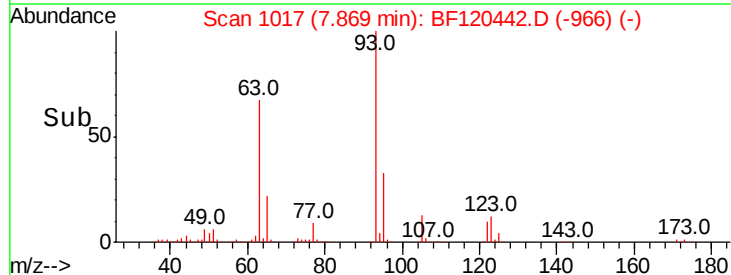
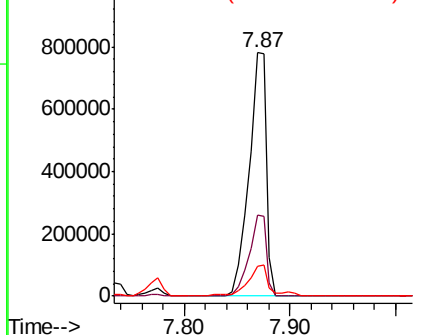


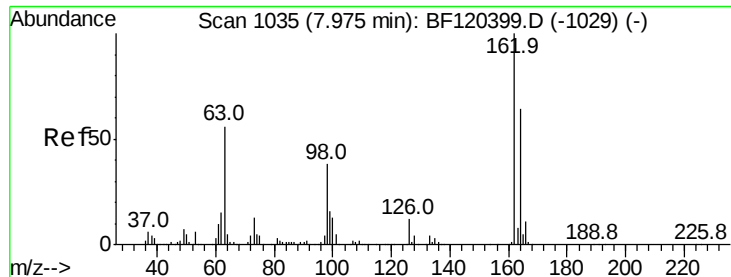
#28
 bis(2-Chloroethoxy)methane
 Concen: 46.495 ng
 RT: 7.87 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: BF120442.D
 Acq: 29 May 2020 16:39

Tgt Ion: 93 Resp: 894323
 Ion Ratio Lower Upper
 93 100
 95 33.4 26.6 39.8
 123 12.3 10.3 15.5



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

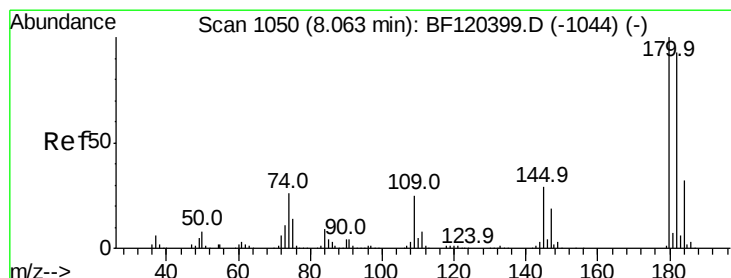
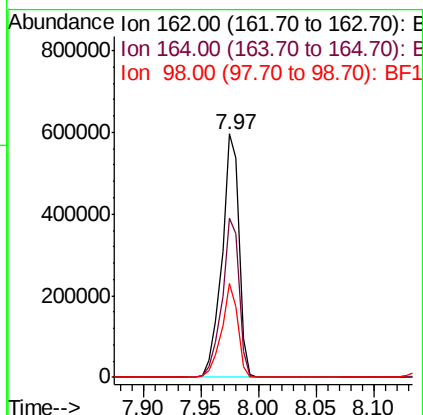
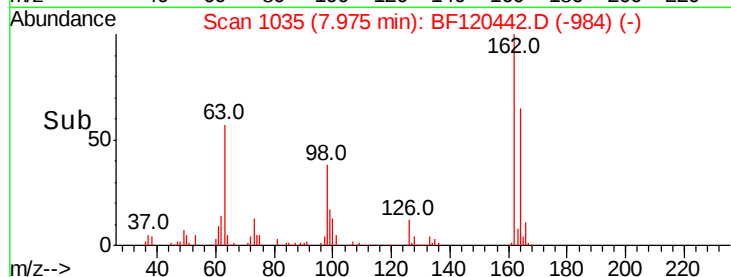
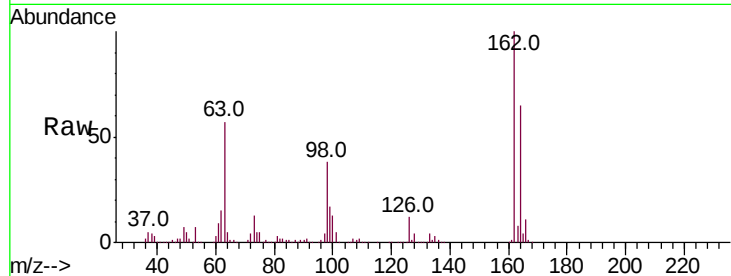




#29
 2,4-Dichlorophenol
 Concen: 45.300 ng
 RT: 7.97 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF120442.D
 Acq: 29 May 2020 16:39

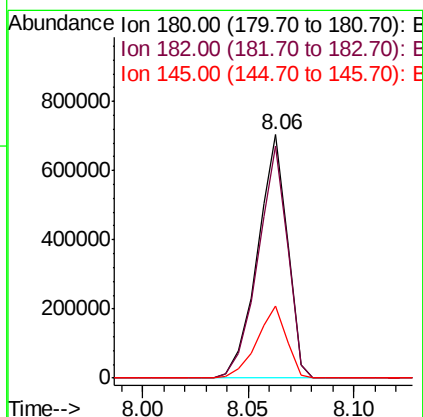
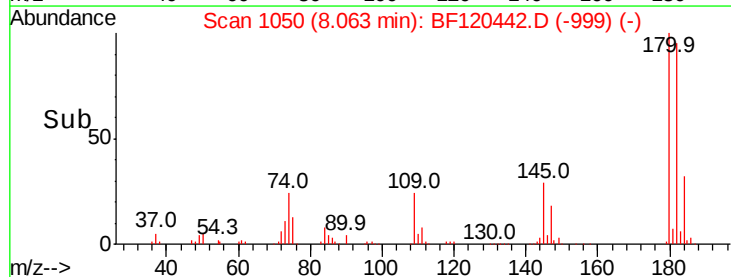
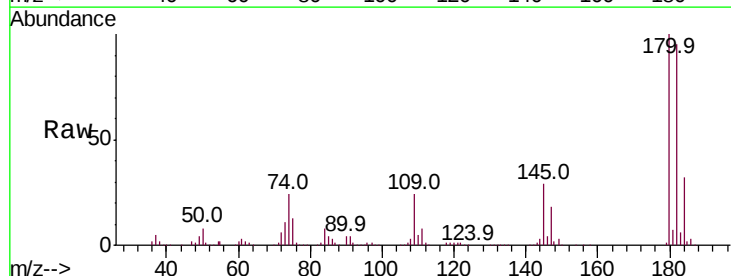
Instrument :
 BNA_F
 ClientSampleId :
 PB129143BS

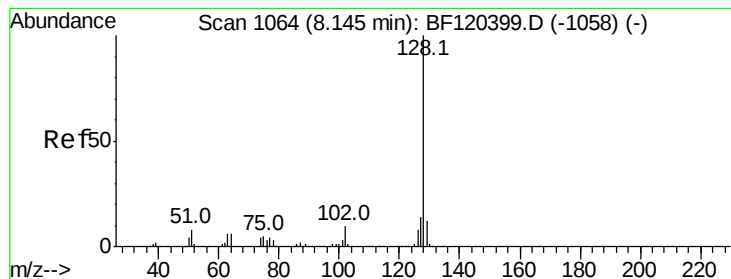
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.1	43.9	83.9
98	38.5	17.8	57.8



#30
 1,2,4-Trichlorobenzene
 Concen: 45.420 ng
 RT: 8.06 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BF120442.D
 Acq: 29 May 2020 16:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	74.6	111.8
145	29.4	23.4	35.2





#31

Naphthalene

Concen: 44.967 ng

RT: 8.15 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BF120442.D

Acq: 29 May 2020 16:39

Instrument :

BNA_F

ClientSampleId :

PB129143BS

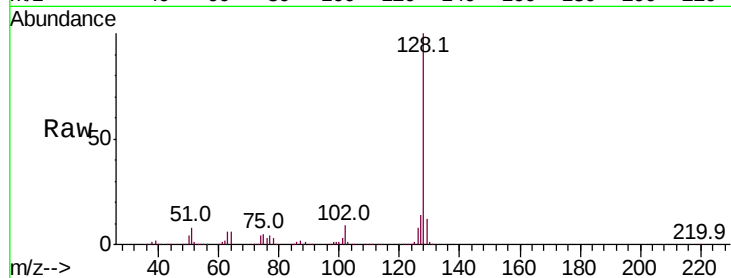
Tot Ion:128 Resp: 2052947

Ion Ratio Lower Upper

128 100

129 11.6 9.7 14.5

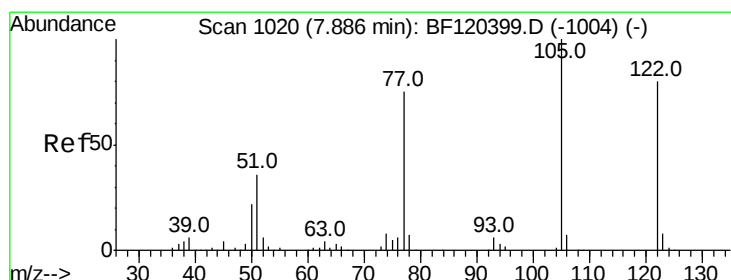
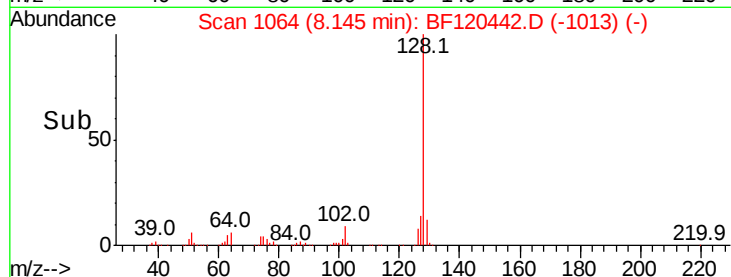
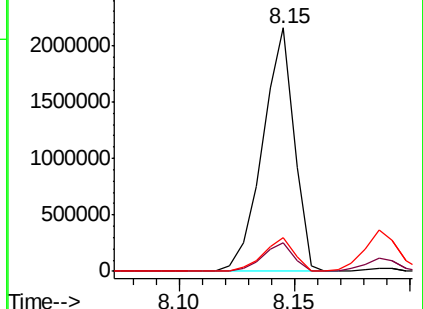
127 13.8 11.0 16.6



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: 47.450 ng

RT: 7.90 min Scan# 1022

Delta R.T. 0.01 min

Lab File: BF120442.D

Acq: 29 May 2020 16:39

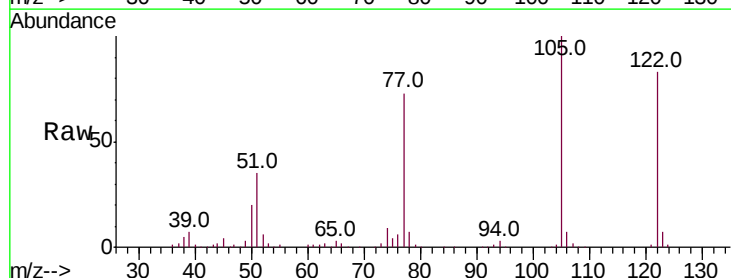
Tgt Ion:122 Resp: 471969

Ion Ratio Lower Upper

122 100

105 119.9 101.1 141.1

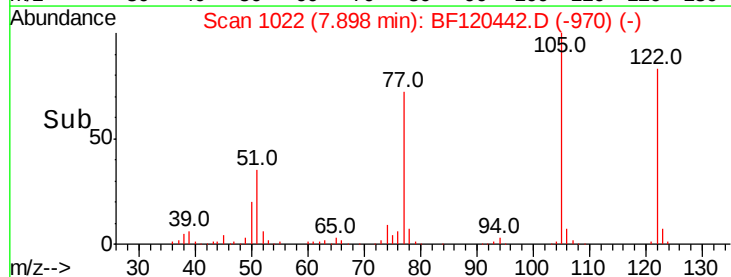
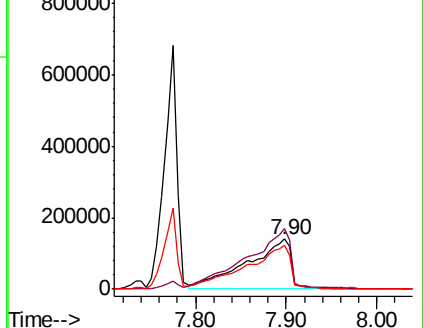
77 87.0 71.9 111.9

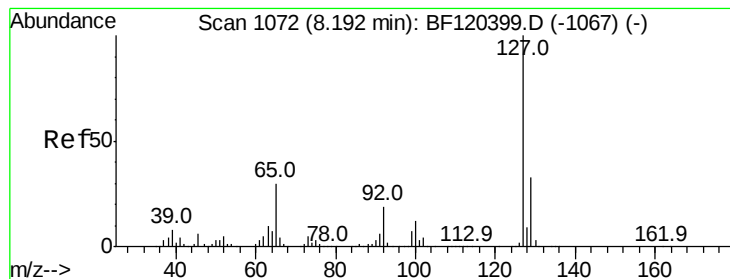


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 19.324 ng

RT: 8.19 min Scan# 1071

Delta R.T. -0.01 min

Lab File: BF120442.D

Acq: 29 May 2020 16:39

Instrument :

BNA_F

ClientSampleId :

PB129143BS

Tot Ion:127 Resp: 391002

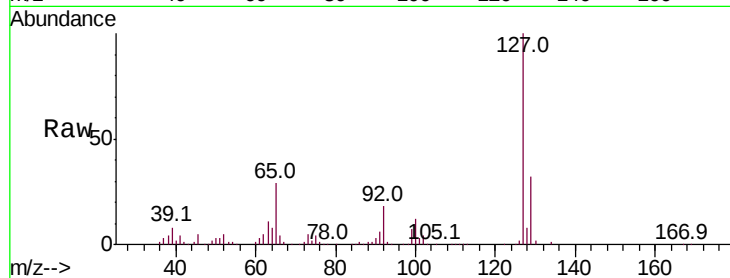
Ion Ratio Lower Upper

127 100

129 32.0 26.8 40.2

65 29.3 23.7 35.5

92 17.9 15.0 22.4

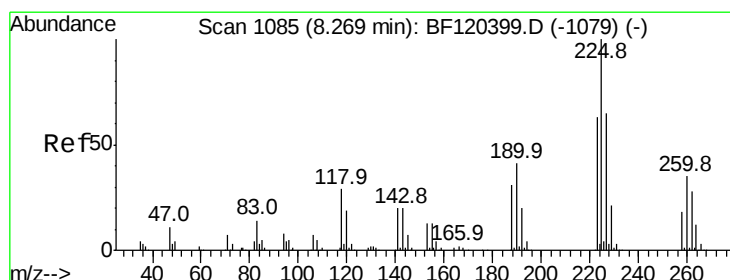
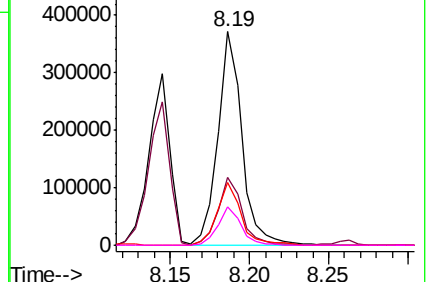
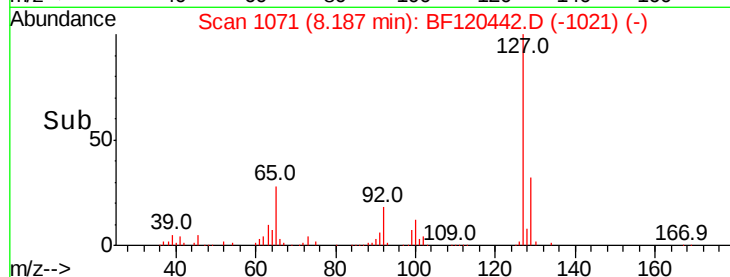


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 44.373 ng

RT: 8.26 min Scan# 1084

Delta R.T. 0.00 min

Lab File: BF120442.D

Acq: 29 May 2020 16:39

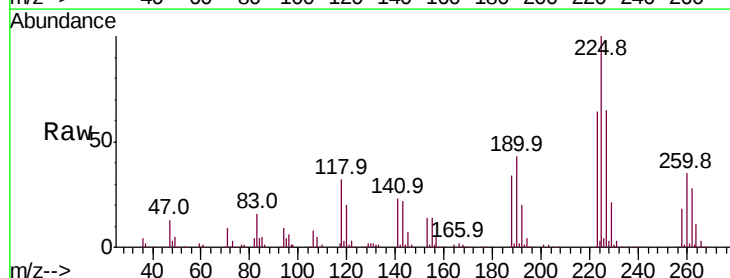
Tgt Ion:225 Resp: 399617

Ion Ratio Lower Upper

225 100

223 64.1 50.2 75.2

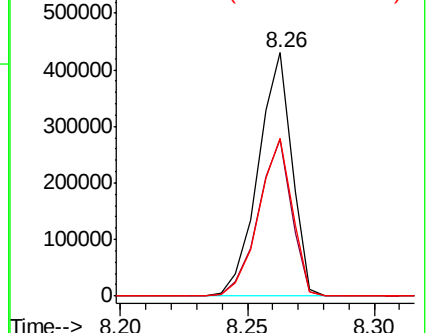
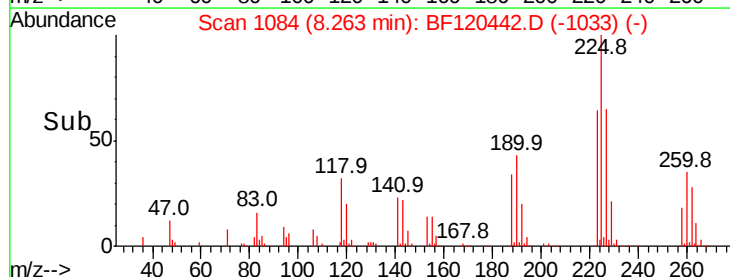
227 65.0 52.1 78.1

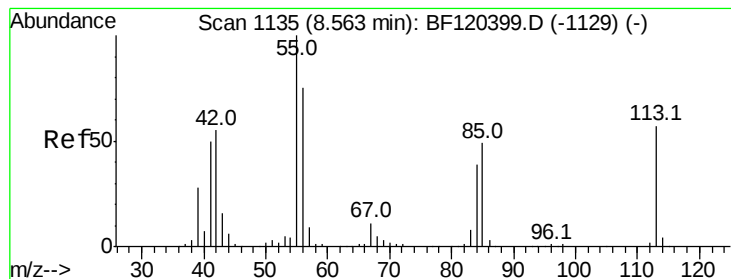


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 30.415 ng

RT: 8.56 min Scan# 1135

Delta R.T. -0.01 min

Lab File: BF120442.D

Acq: 29 May 2020 16:39

Instrument :

BNA_F

ClientSampleId :

PB129143BS

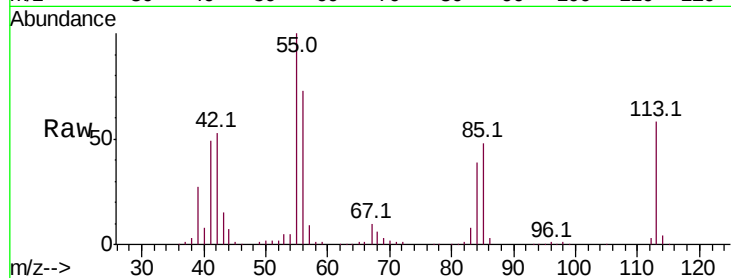
Tot Ion:113 Resp: 133358

Ion Ratio Lower Upper

113 100

55 173.1 154.9 194.9

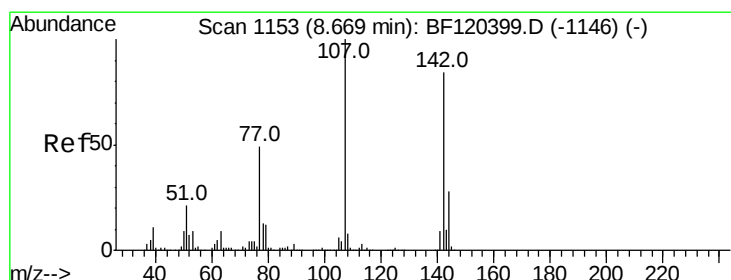
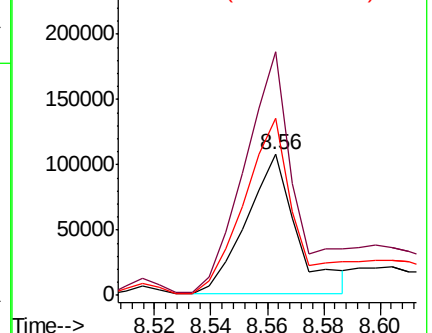
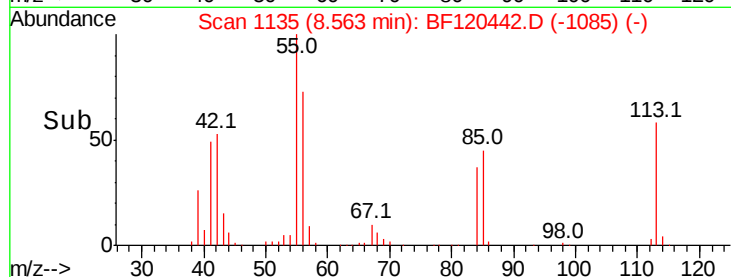
56 125.7 110.9 150.9



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: 44.589 ng

RT: 8.67 min Scan# 1154

Delta R.T. 0.01 min

Lab File: BF120442.D

Acq: 29 May 2020 16:39

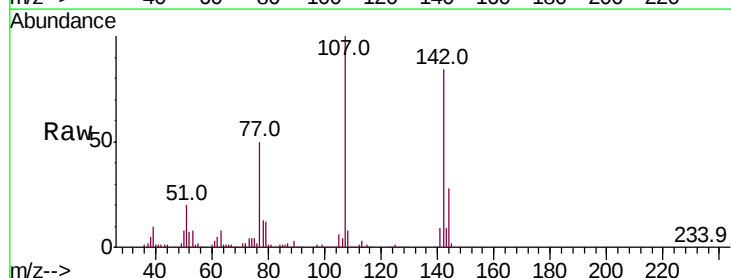
Tgt Ion:107 Resp: 612459

Ion Ratio Lower Upper

107 100

144 27.7 22.0 33.0

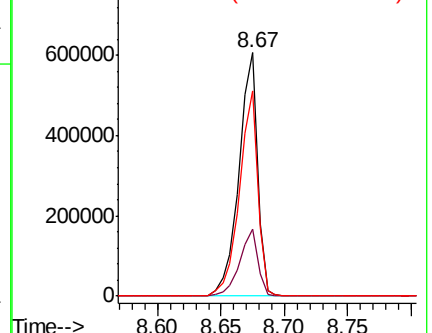
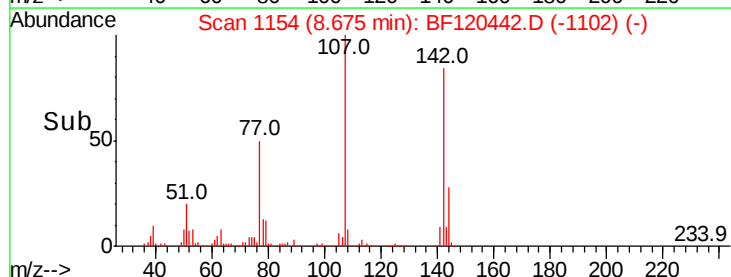
142 84.3 67.0 100.4

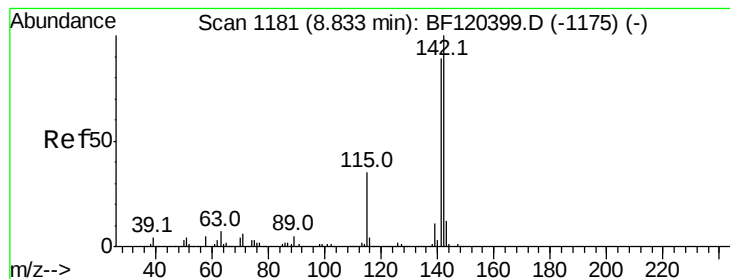


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 45.663 ng

RT: 8.83 min Scan# 1181

Delta R.T. 0.00 min

Lab File: BF120442.D

Acq: 29 May 2020 16:39

Instrument :

BNA_F

ClientSampleId :

PB129143BS

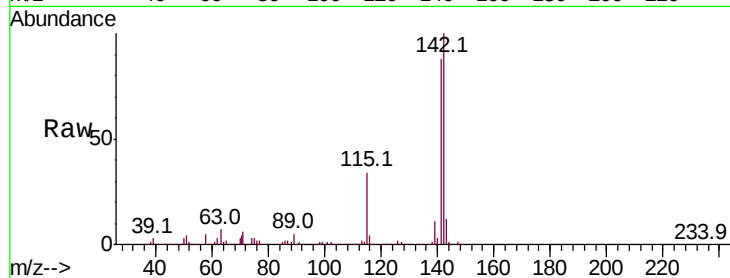
Tot Ion:142 Resp: 1380865

Ion Ratio Lower Upper

142 100

141 87.9 71.4 107.0

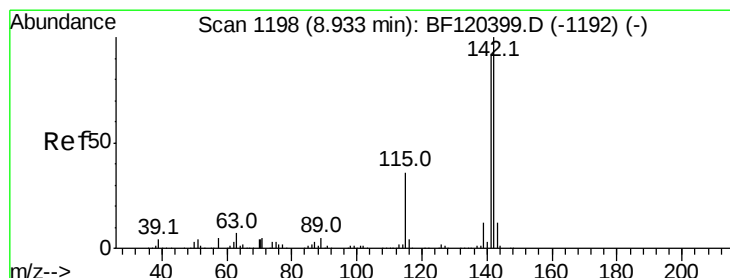
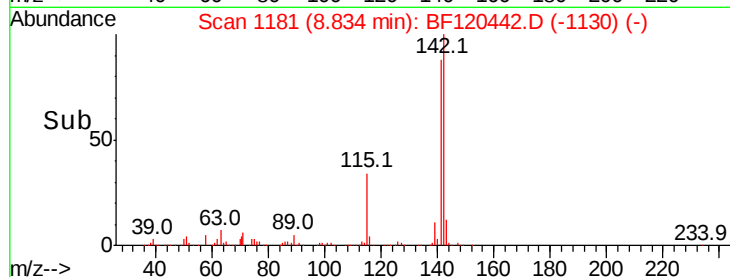
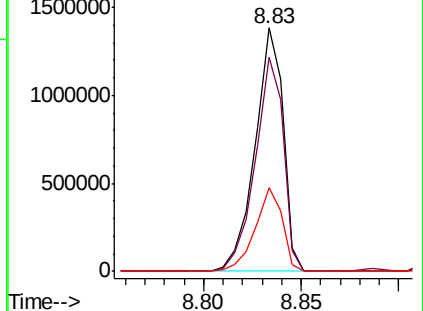
115 34.5 27.8 41.8



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: 45.616 ng

RT: 8.93 min Scan# 1198

Delta R.T. 0.00 min

Lab File: BF120442.D

Acq: 29 May 2020 16:39

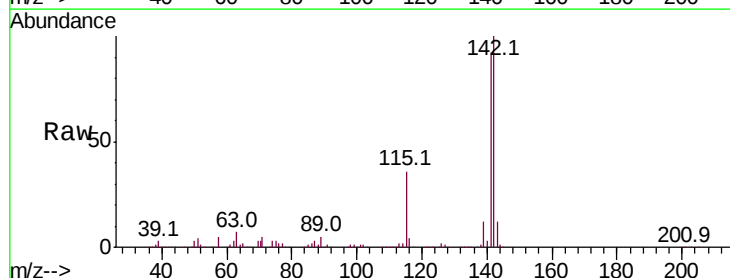
Tgt Ion:142 Resp: 1302051

Ion Ratio Lower Upper

142 100

141 91.8 73.9 110.9

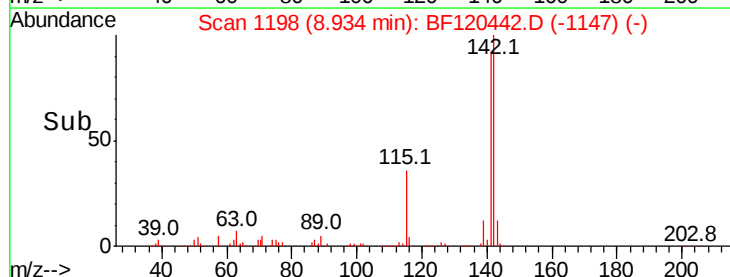
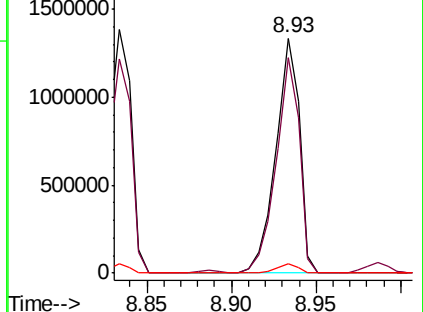
116 3.9 3.1 4.7

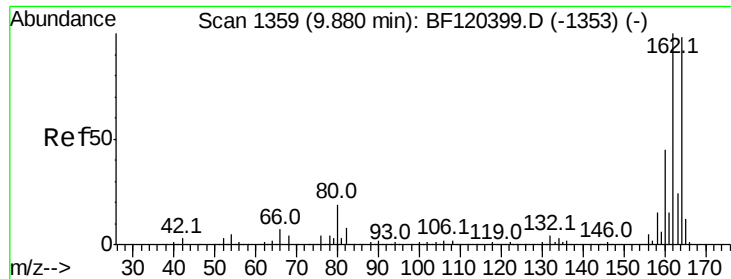


Abundance Ion 142.00 (141.70 to 142.70): E

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# 1358

Delta R.T. 0.00 min

Lab File: BF120442.D

Acq: 29 May 2020 16:39

Instrument :

BNA_F

ClientSampleId :

PB129143BS

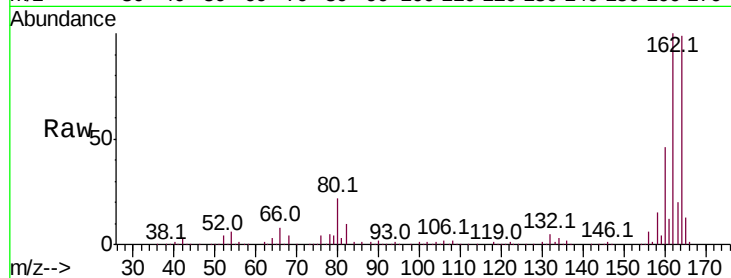
Tot Ion:164 Resp: 506580

Ion Ratio Lower Upper

164 100

162 101.0 81.3 121.9

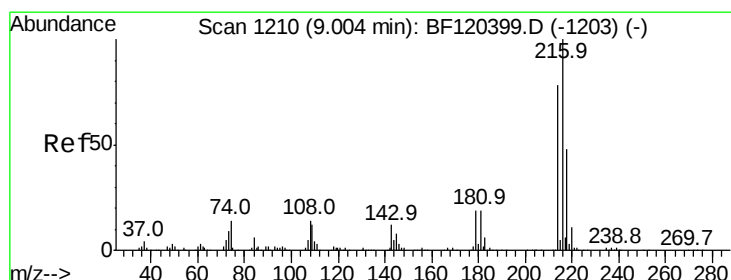
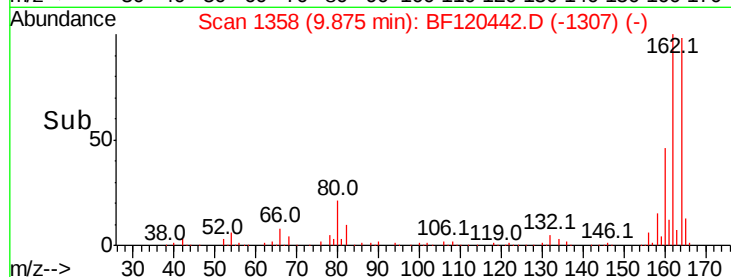
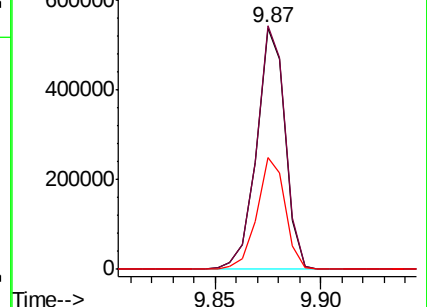
160 46.4 36.9 55.3



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: 49.255 ng

RT: 9.00 min Scan# 1209

Delta R.T. 0.00 min

Lab File: BF120442.D

Acq: 29 May 2020 16:39

Tgt Ion:216 Resp: 639872

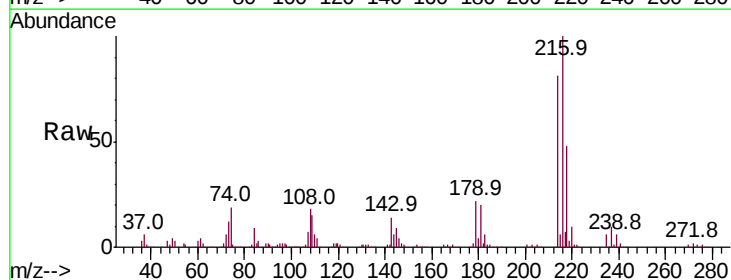
Ion Ratio Lower Upper

216 100

214 79.8 63.6 95.4

179 20.6 16.5 24.7

108 18.7 15.0 22.4

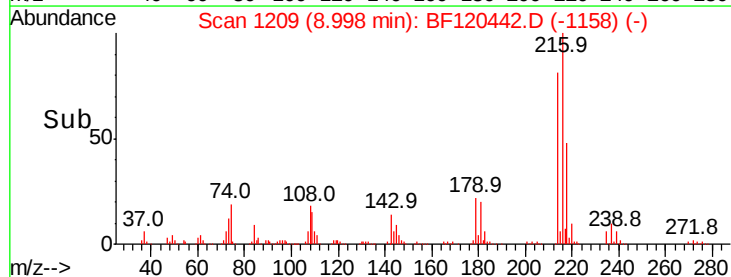
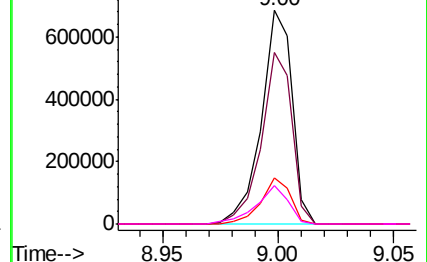


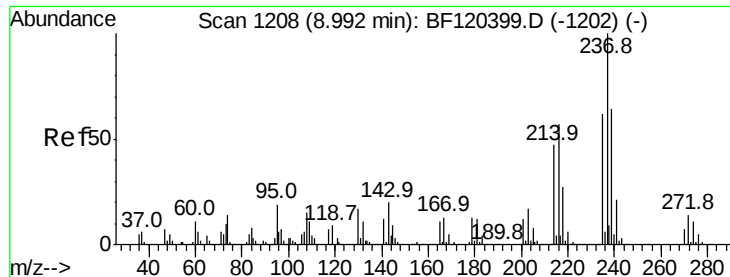
Abundance Ion 216.00 (215.70 to 216.70): E

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: 64.832 ng

RT: 8.99 min Scan# 1207

Delta R.T. 0.00 min

Lab File: BF120442.D

Acq: 29 May 2020 16:39

Instrument :

BNA_F

ClientSampleId :

PB129143BS

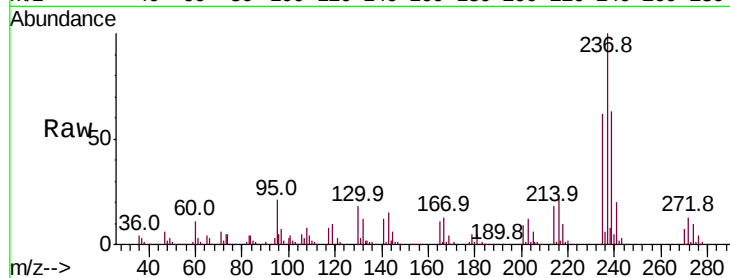
Tot Ion:237 Resp: 470053

Ion Ratio Lower Upper

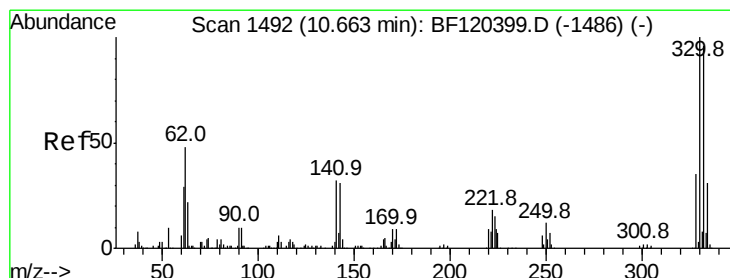
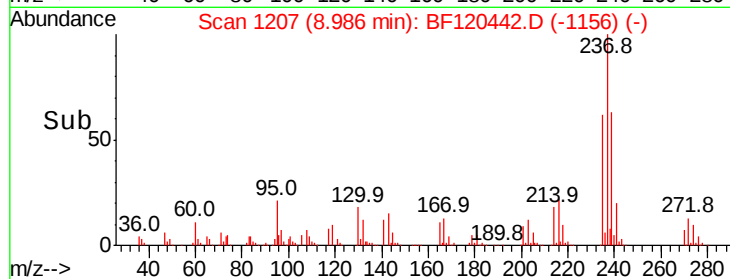
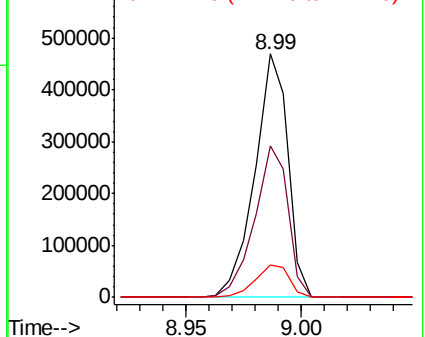
237 100

235 62.4 42.4 82.4

272 13.4 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: 123.024 ng

RT: 10.67 min Scan# 1493

Delta R.T. 0.01 min

Lab File: BF120442.D

Acq: 29 May 2020 16:39

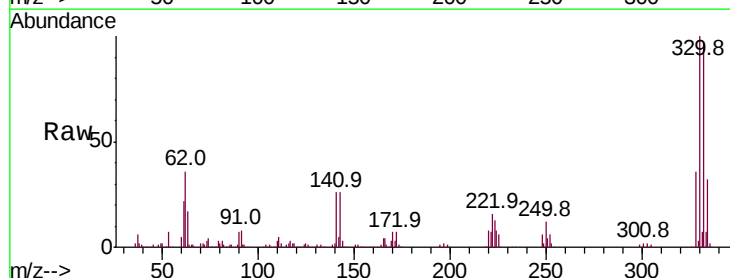
Tgt Ion:330 Resp: 577435

Ion Ratio Lower Upper

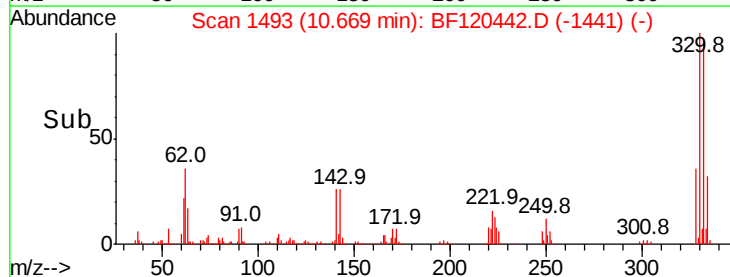
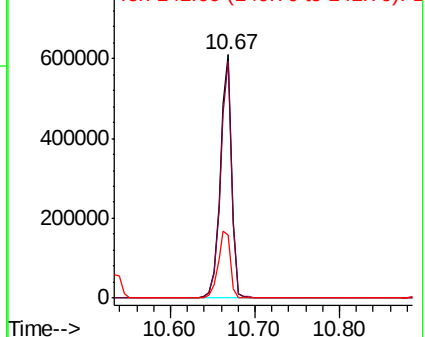
330 100

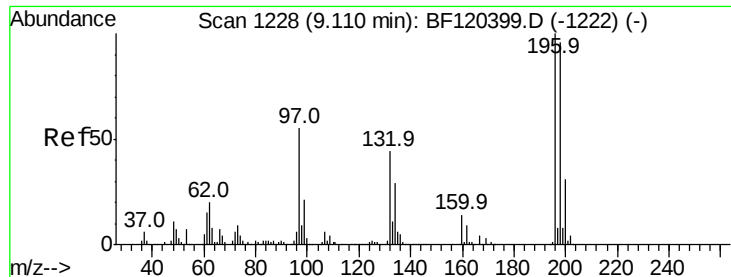
332 96.1 77.0 115.6

141 30.3 25.3 37.9



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

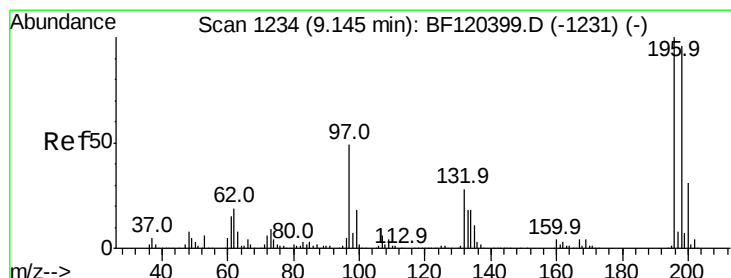
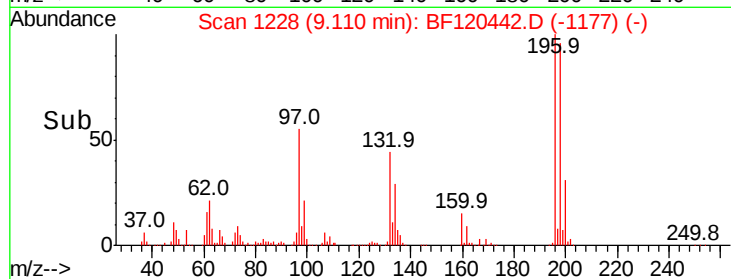
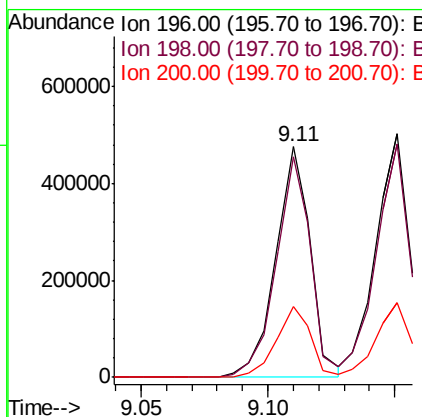
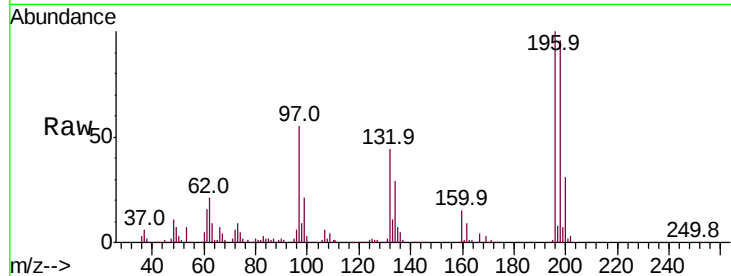




#43
 2,4,6-Trichlorophenol
 Concen: 48.354 ng
 RT: 9.11 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: BF120442.D
 Acq: 29 May 2020 16:39

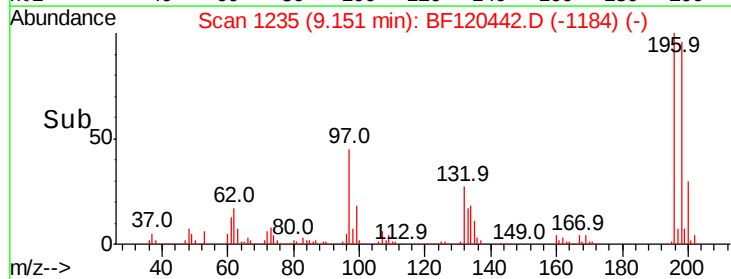
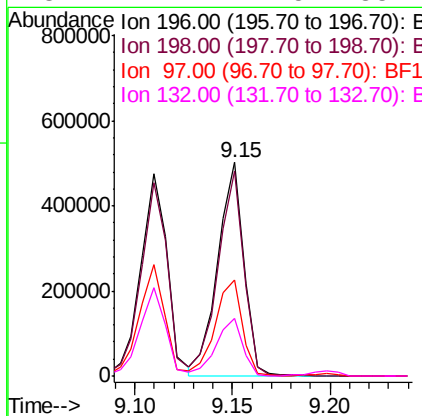
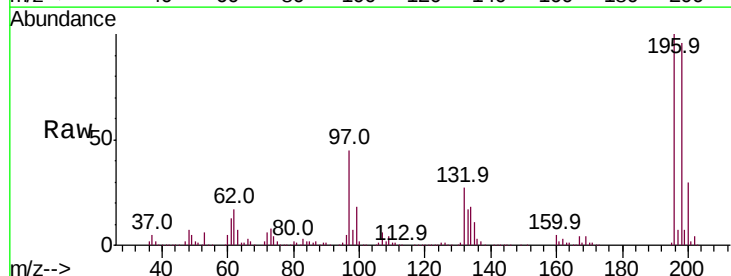
Instrument :
 BNA_F
 ClientSampleId :
 PB129143BS

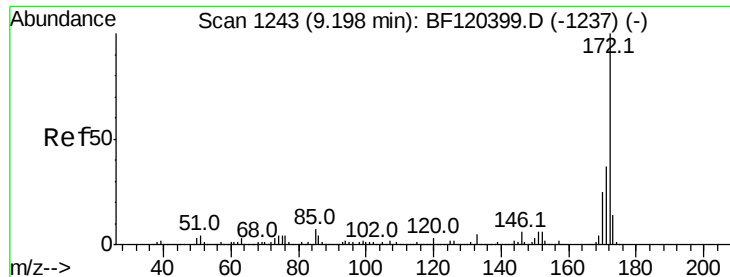
Tot Ion:196	Resp:	454305
Ion Ratio	Lower	Upper
196	100	
198	95.5	77.1 115.7
200	30.7	25.0 37.6



#44
 2,4,5-Trichlorophenol
 Concen: 43.857 ng
 RT: 9.15 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: BF120442.D
 Acq: 29 May 2020 16:39

Tgt Ion:196	Resp:	467085
Ion Ratio	Lower	Upper
196	100	
198	95.8	76.6 115.0
97	44.9	39.5 59.3
132	27.1	22.5 33.7

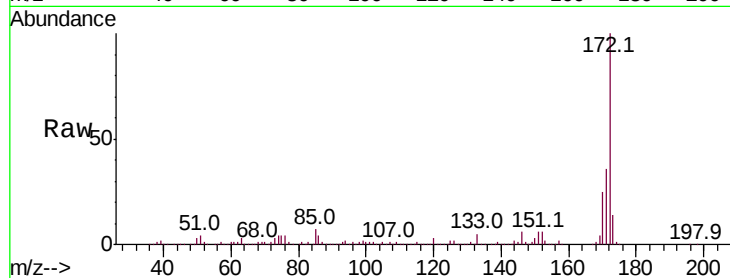




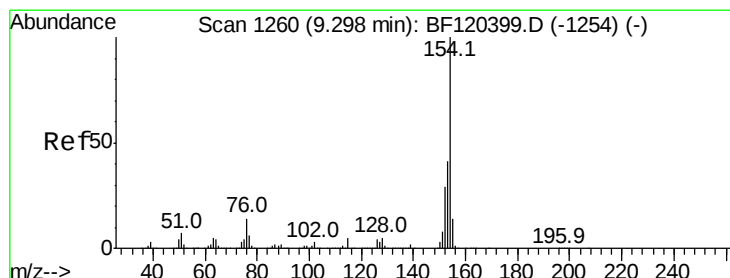
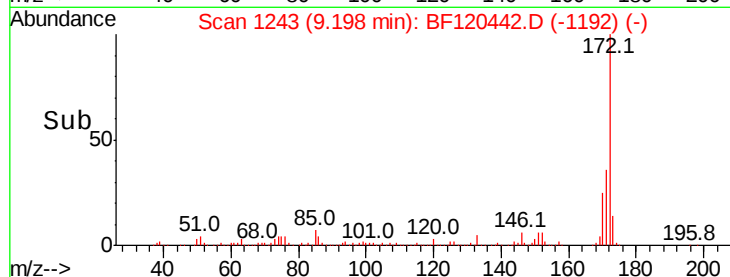
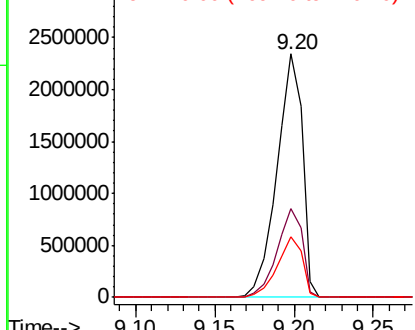
#45
2-Fluorobiphenyl
Concen: 87.356 ng
RT: 9.20 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BF120442.D
Acq: 29 May 2020 16:39

Instrument :
BNA_F
ClientSampleId :
PB129143BS

Tot Ion:172 Resp: 2608189
Ion Ratio Lower Upper
172 100
171 36.5 29.7 44.5
170 24.8 19.9 29.9

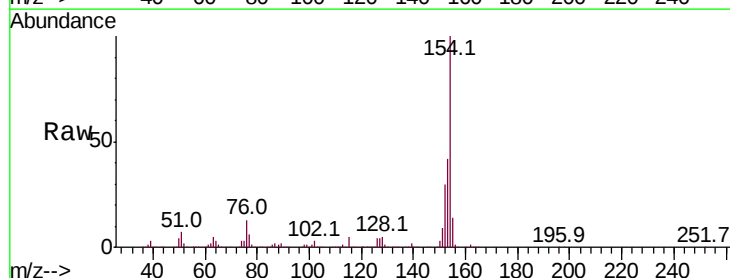


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

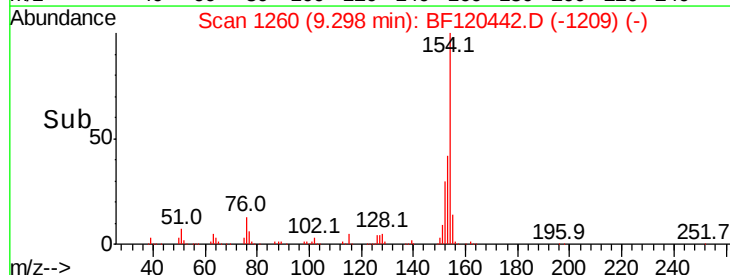
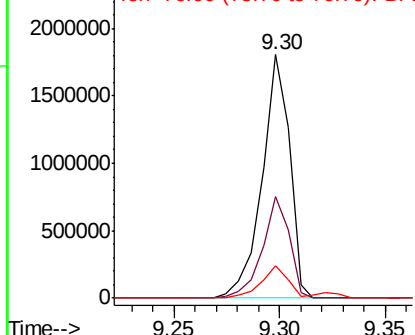


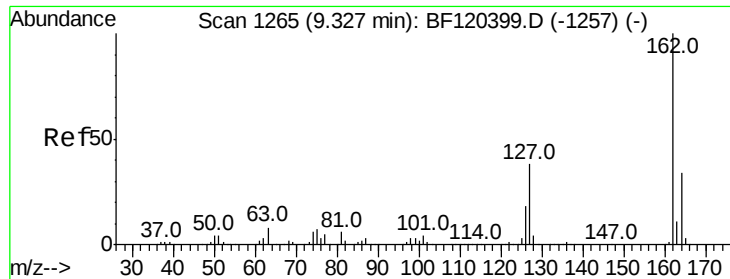
#46
1,1'-Biphenyl
Concen: 49.141 ng
RT: 9.30 min Scan# 1260
Delta R.T. 0.00 min
Lab File: BF120442.D
Acq: 29 May 2020 16:39

Tgt Ion:154 Resp: 1635325
Ion Ratio Lower Upper
154 100
153 41.6 20.9 60.9
76 13.1 0.0 33.7



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

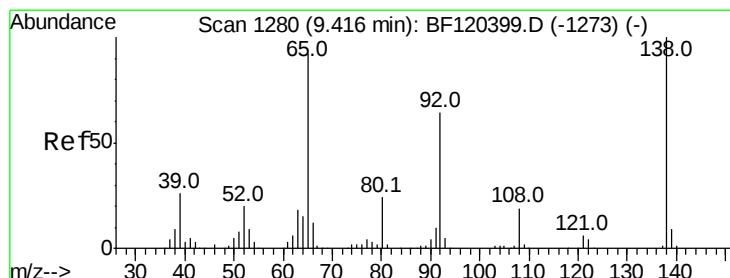
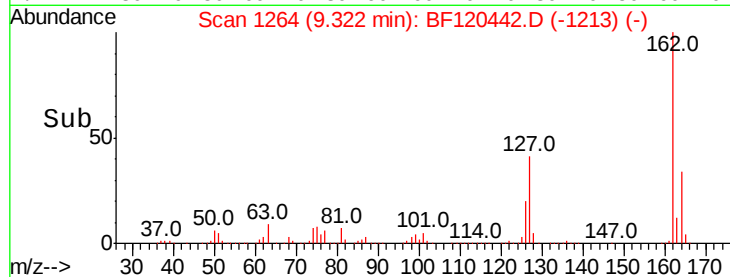
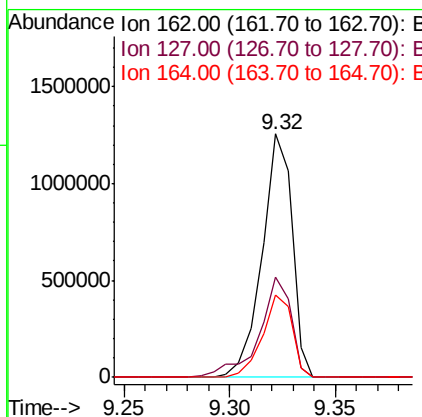
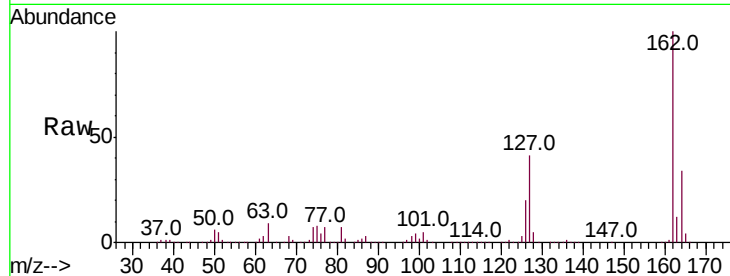




#47
 2-Chloronaphthalene
 Concen: 45.358 ng
 RT: 9.32 min Scan# 1264
 Delta R.T. 0.00 min
 Lab File: BF120442.D
 Acq: 29 May 2020 16:39

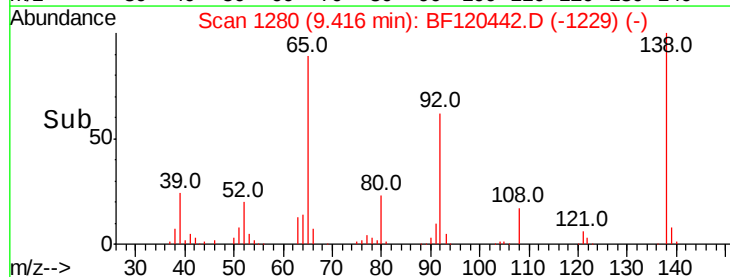
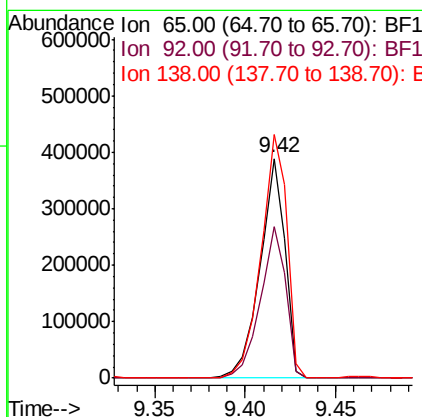
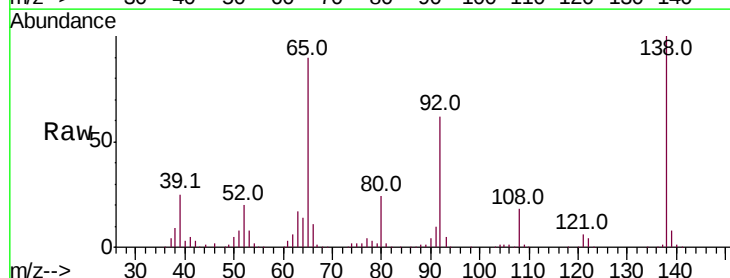
Instrument :
 BNA_F
 ClientSampleId :
 PB129143BS

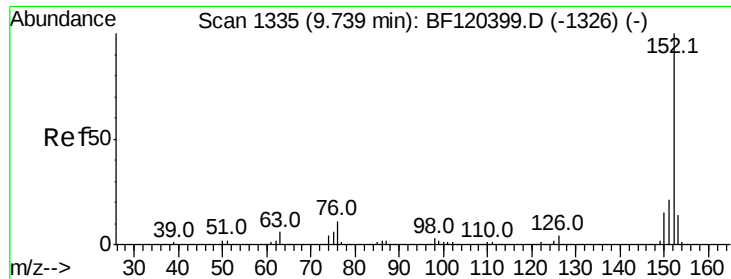
Tot Ion:162 Resp: 1242924
 Ion Ratio Lower Upper
 162 100
 127 41.4 30.6 46.0
 164 34.0 27.1 40.7



#48
 2-Nitroaniline
 Concen: 44.565 ng
 RT: 9.42 min Scan# 1280
 Delta R.T. 0.00 min
 Lab File: BF120442.D
 Acq: 29 May 2020 16:39

Tgt Ion: 65 Resp: 371958
 Ion Ratio Lower Upper
 65 100
 92 69.2 55.7 83.5
 138 111.0 86.9 130.3





#49

Acenaphthylene

Concen: 46.101 ng

RT: 9.74 min Scan# 1335

Delta R.T. 0.00 min

Lab File: BF120442.D

Acq: 29 May 2020 16:39

Instrument :

BNA_F

ClientSampleId :

PB129143BS

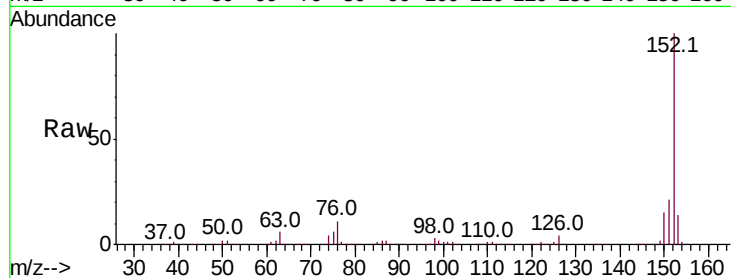
Tot Ion:152 Resp: 1952172

Ion Ratio Lower Upper

152 100

151 21.0 16.8 25.2

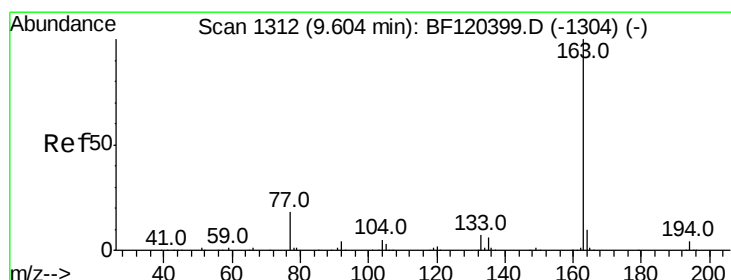
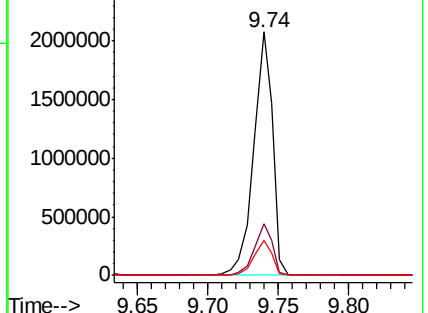
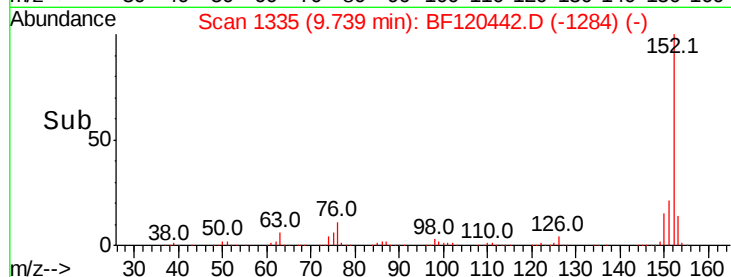
153 14.2 11.2 16.8



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: 46.295 ng

RT: 9.60 min Scan# 1312

Delta R.T. 0.00 min

Lab File: BF120442.D

Acq: 29 May 2020 16:39

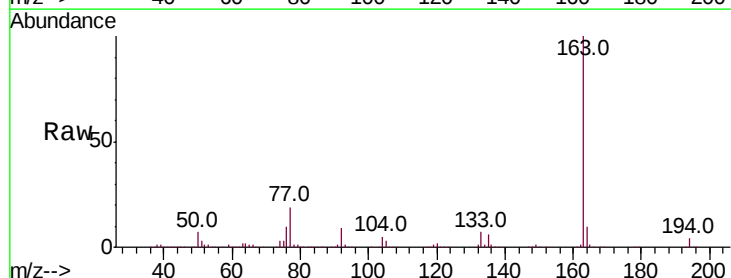
Tgt Ion:163 Resp: 1466167

Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

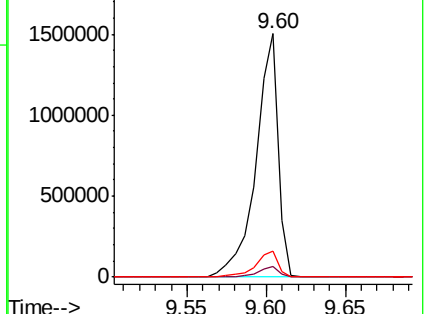
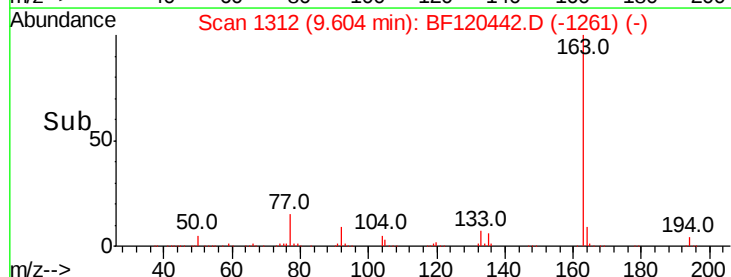
164 10.5 8.3 12.5

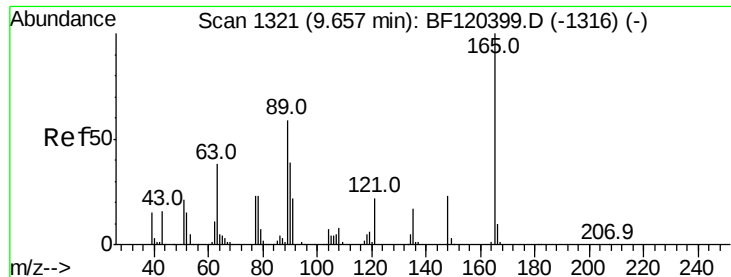


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 45.346 ng

RT: 9.66 min Scan# 1322

Delta R.T. 0.00 min

Lab File: BF120442.D

Acq: 29 May 2020 16:39

Instrument :

BNA_F

ClientSampleId :

PB129143BS

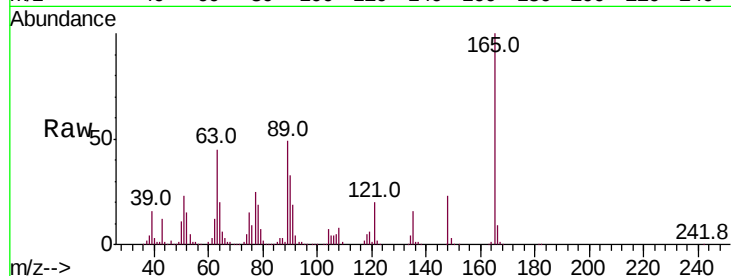
Tot Ion:165 Resp: 319153

Ion Ratio Lower Upper

165 100

63 45.3 46.9 70.3#

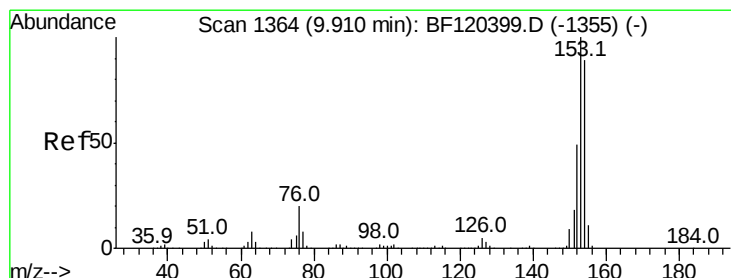
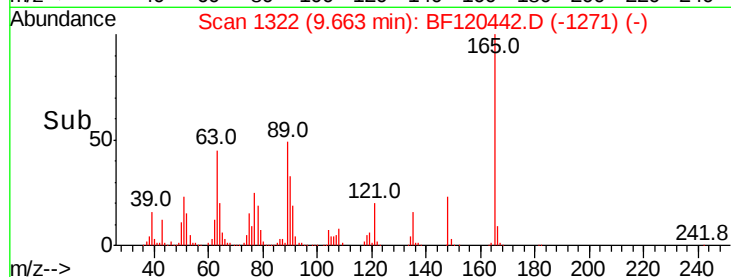
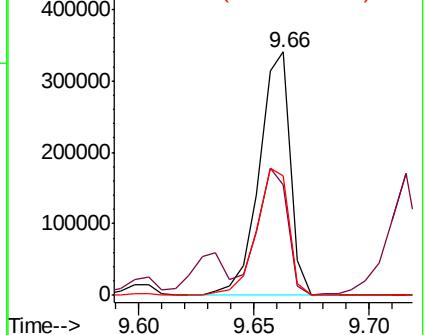
89 49.0 47.5 71.3



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: 45.886 ng

RT: 9.91 min Scan# 1364

Delta R.T. 0.00 min

Lab File: BF120442.D

Acq: 29 May 2020 16:39

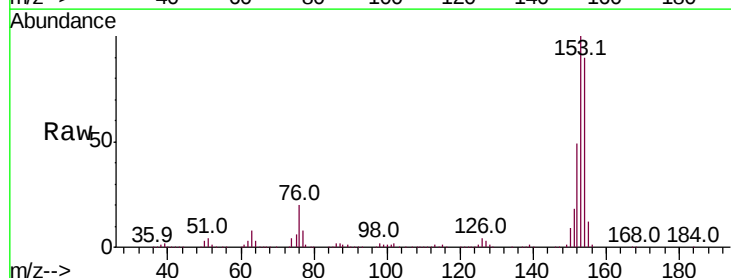
Tgt Ion:154 Resp: 1212696

Ion Ratio Lower Upper

154 100

153 111.0 90.0 135.0

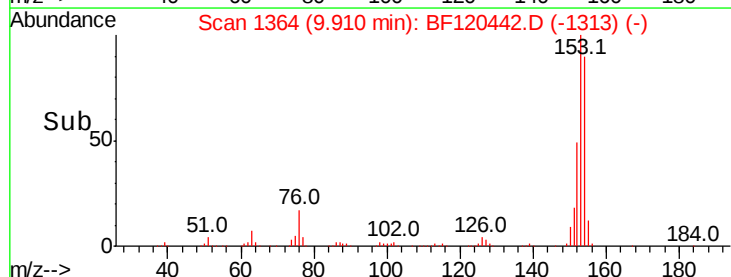
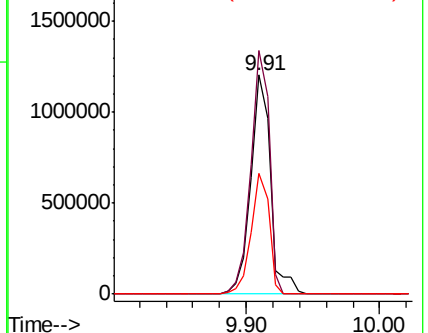
152 54.9 43.9 65.9

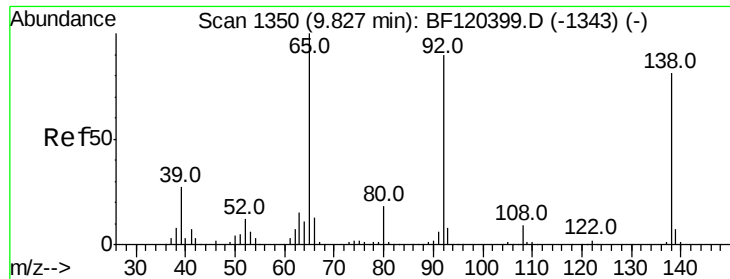


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

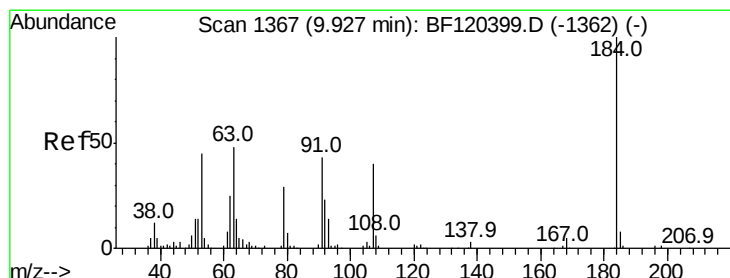
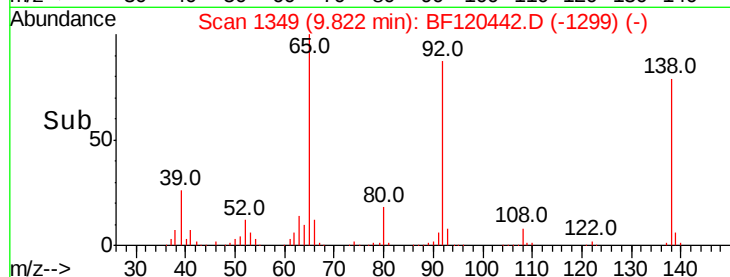
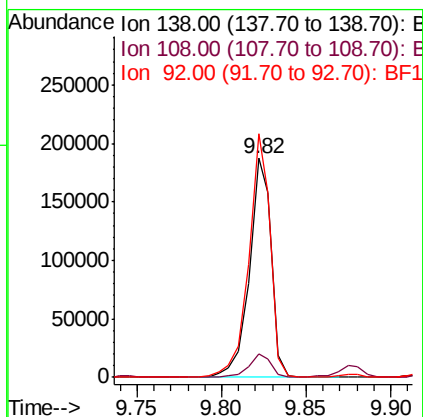
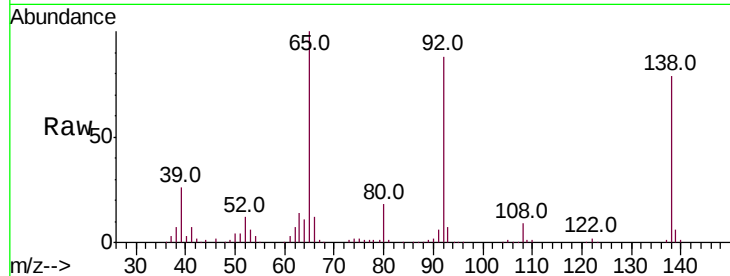




#53
 3-Nitroaniline
 Concen: 20.550 ng
 RT: 9.82 min Scan# 1349
 Delta R.T. -0.01 min
 Lab File: BF120442.D
 Acq: 29 May 2020 16:39

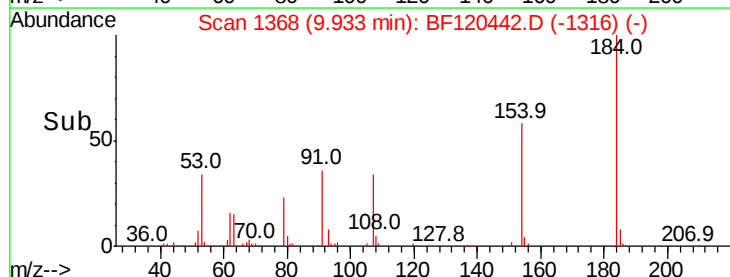
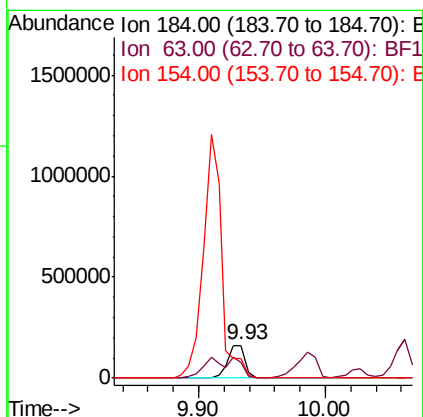
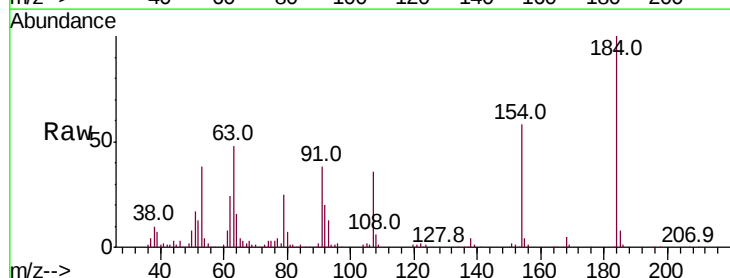
Instrument :
 BNA_F
 ClientSampleId :
 PB129143BS

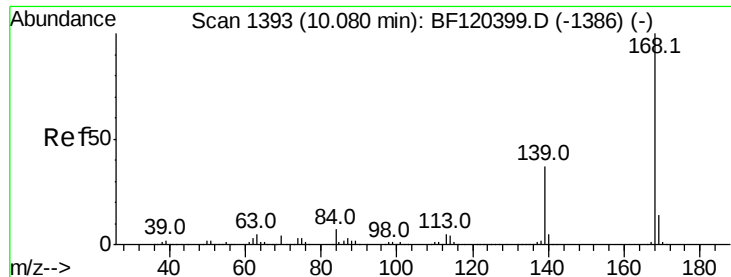
Tot Ion:138 Resp: 169842
 Ion Ratio Lower Upper
 138 100
 108 10.9 8.5 12.7
 92 111.2 89.0 133.4



#54
 2,4-Dinitrophenol
 Concen: 57.275 ng
 RT: 9.93 min Scan# 1368
 Delta R.T. 0.01 min
 Lab File: BF120442.D
 Acq: 29 May 2020 16:39

Tgt Ion:184 Resp: 155569
 Ion Ratio Lower Upper
 184 100
 63 48.4 45.9 68.9
 154 57.8 46.4 69.6

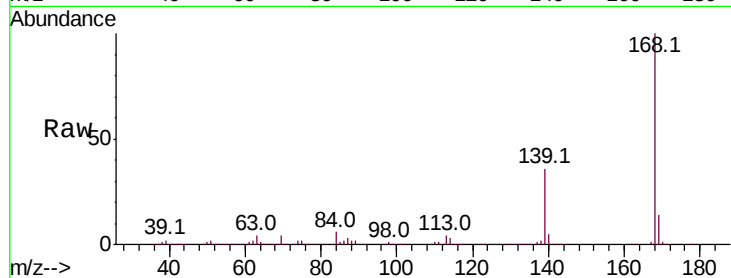




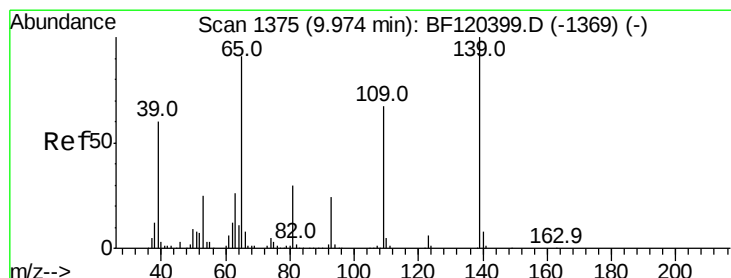
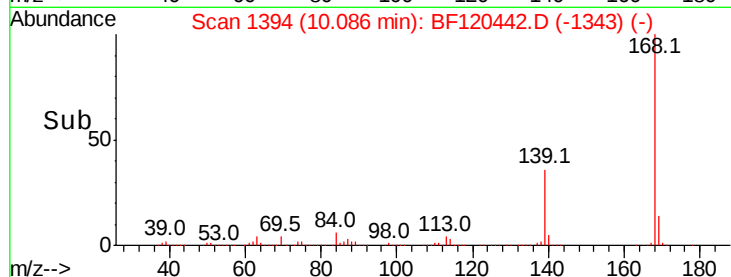
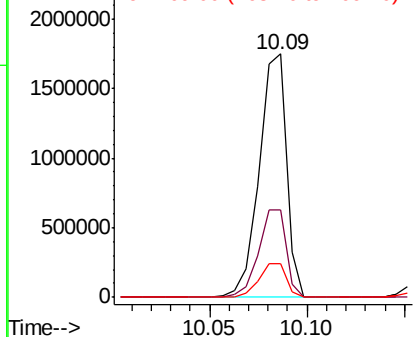
#55
Dibenzofuran
Concen: 44.334 ng
RT: 10.09 min Scan# 1394
Delta R.T. 0.00 min
Lab File: BF120442.D
Acq: 29 May 2020 16:39

Instrument :
BNA_F
ClientSampleId :
PB129143BS

Tot Ion:168 Resp: 1702688
Ion Ratio Lower Upper
168 100
139 35.8 30.0 45.0
169 13.6 11.5 17.3

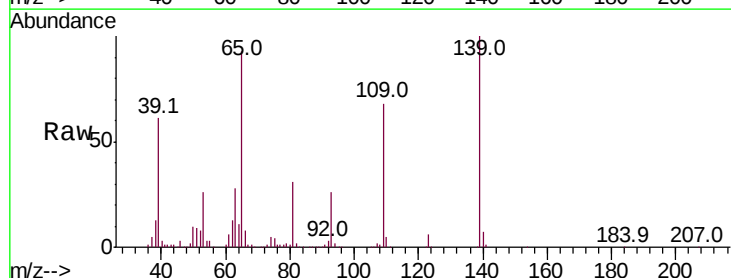


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

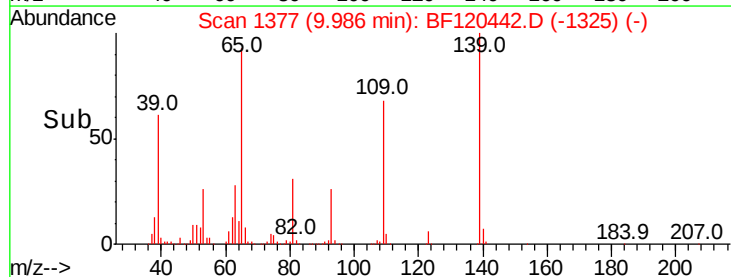
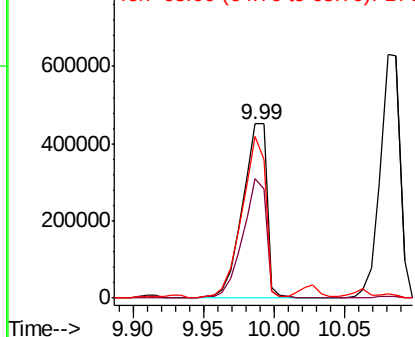


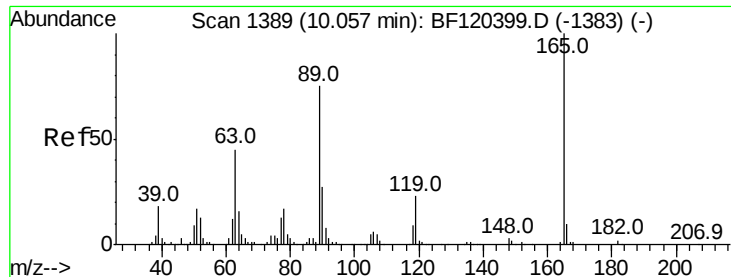
#56
4-Nitrophenol
Concen: 86.232 ng
RT: 9.99 min Scan# 1377
Delta R.T. 0.01 min
Lab File: BF120442.D
Acq: 29 May 2020 16:39

Tgt Ion:139 Resp: 545624
Ion Ratio Lower Upper
139 100
109 68.4 47.3 87.3
65 93.2 71.5 111.5



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

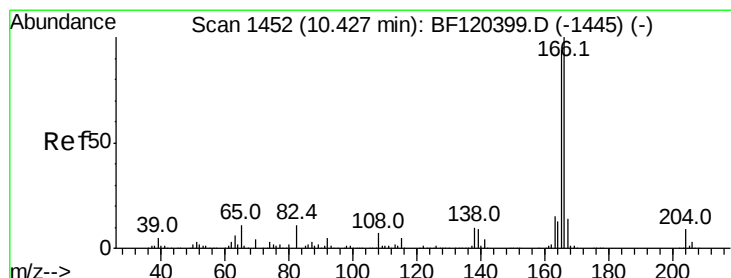
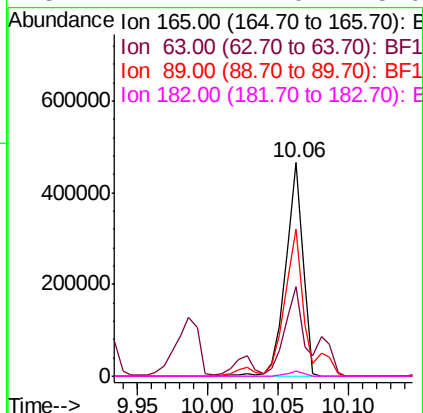
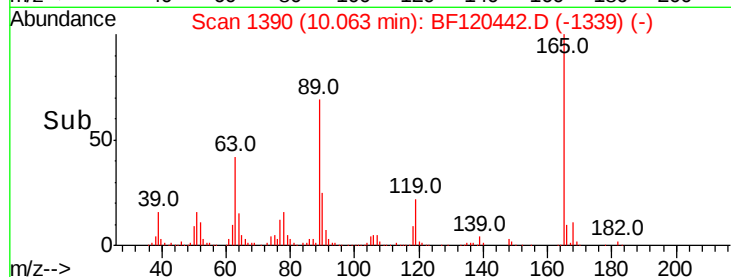
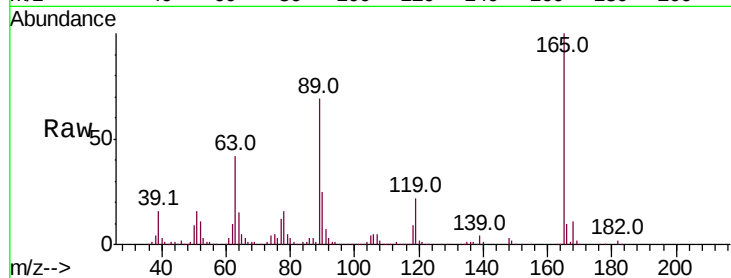




#57
2,4-Dinitrotoluene
Concen: 44.351 ng
RT: 10.06 min Scan# 1390
Delta R.T. 0.00 min
Lab File: BF120442.D
Acq: 29 May 2020 16:39

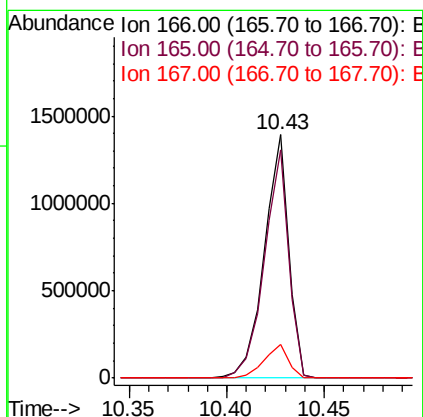
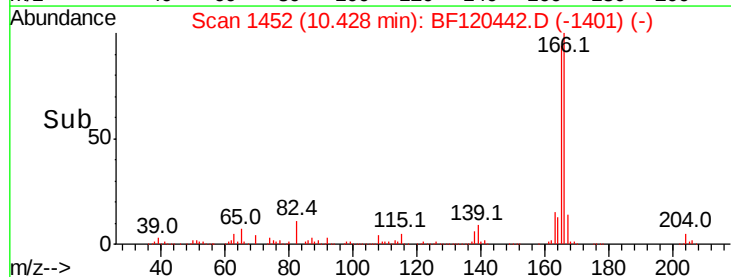
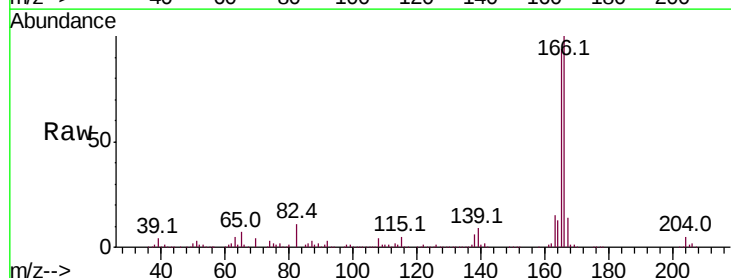
Instrument :
BNA_F
ClientSampleId :
PB129143BS

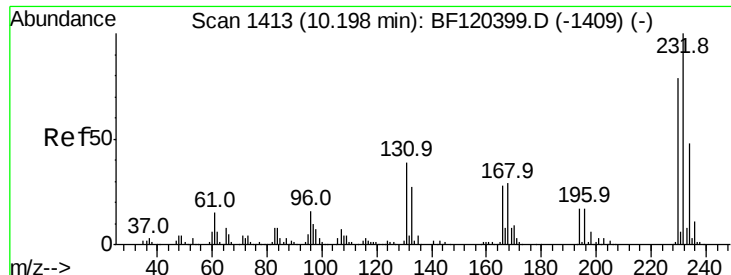
Tot Ion:165 Resp: 399497
Ion Ratio Lower Upper
165 100
63 41.9 35.9 53.9
89 69.2 60.0 90.0
182 2.4 2.0 3.0



#58
Fluorene
Concen: 41.718 ng
RT: 10.43 min Scan# 1452
Delta R.T. 0.00 min
Lab File: BF120442.D
Acq: 29 May 2020 16:39

Tgt Ion:166 Resp: 1202345
Ion Ratio Lower Upper
166 100
165 93.7 75.6 113.4
167 13.8 10.9 16.3

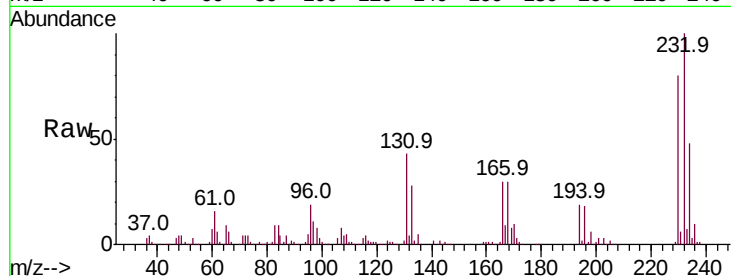




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.131 ng
 RT: 10.20 min Scan# 1413
 Delta R.T. 0.00 min
 Lab File: BF120442.D
 Acq: 29 May 2020 16:39

Instrument :
 BNA_F
 ClientSampleId :
 PB129143BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.6	34.6	51.8
130	2.0	1.7	2.5
166	29.5	23.7	35.5



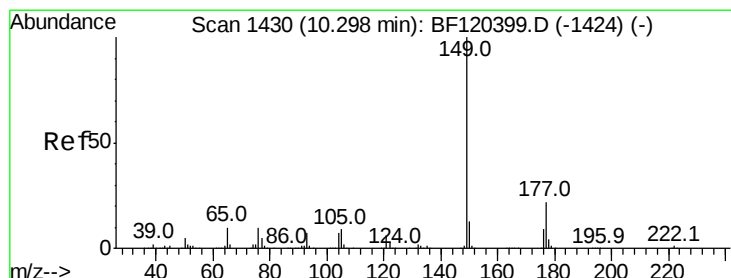
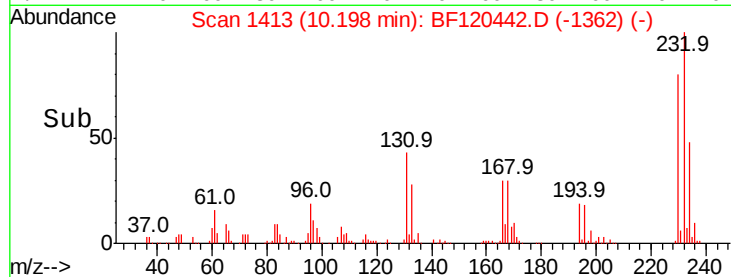
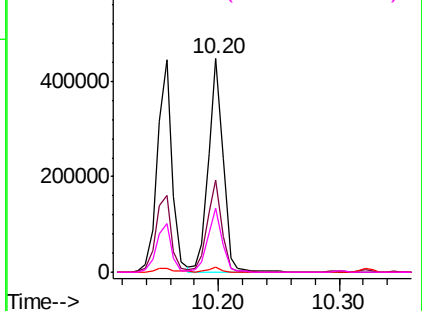
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

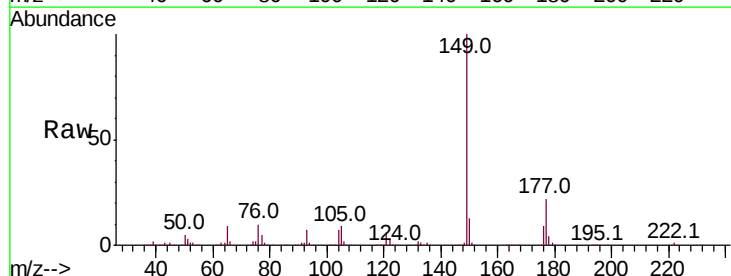
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 45.144 ng
 RT: 10.30 min Scan# 1430
 Delta R.T. 0.00 min
 Lab File: BF120442.D
 Acq: 29 May 2020 16:39

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.4	26.2
150	12.9	10.3	15.5

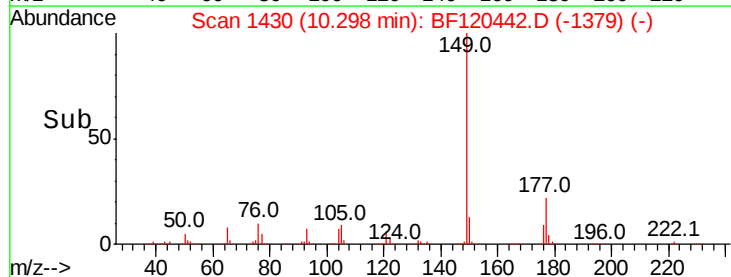
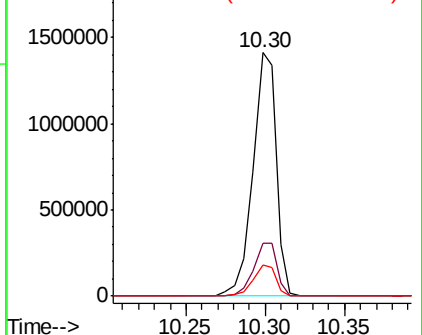


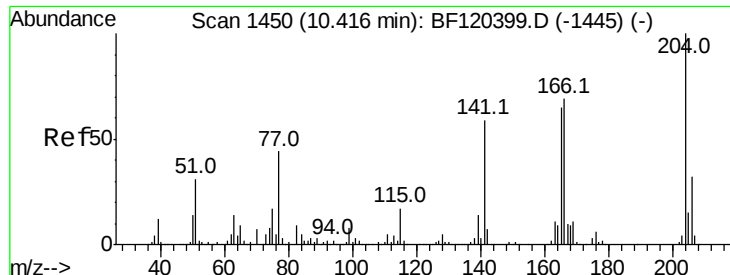
Abundance

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

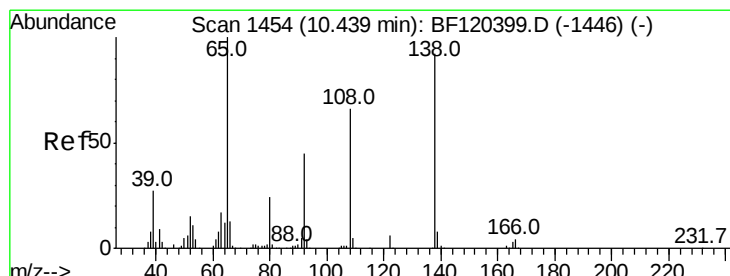
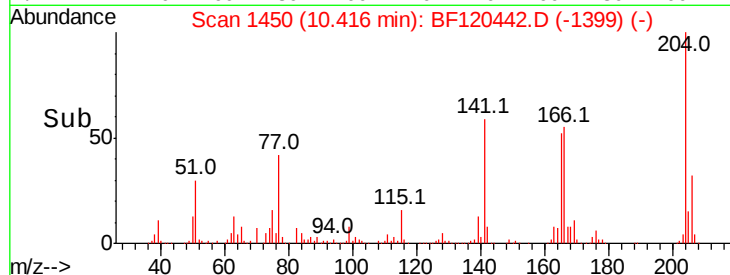
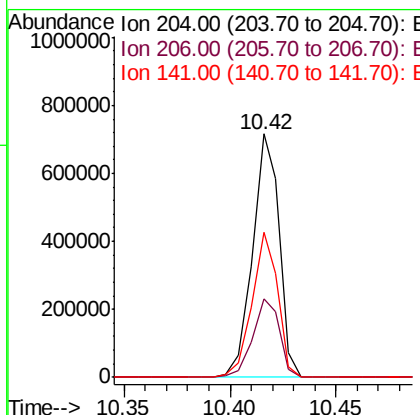
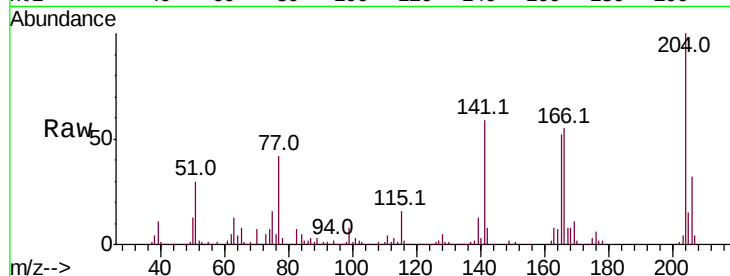




#61
 4-Chlorophenyl-phenylether
 Concen: 40.156 ng
 RT: 10.42 min Scan# 1450
 Delta R.T. 0.00 min
 Lab File: BF120442.D
 Acq: 29 May 2020 16:39

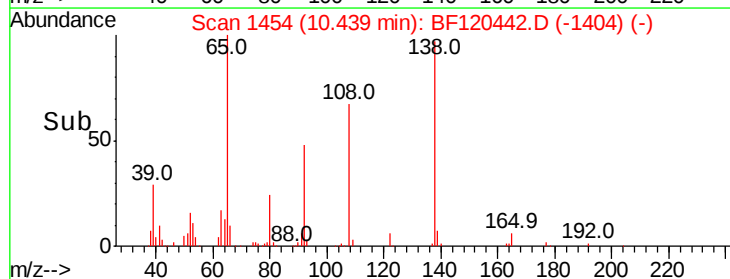
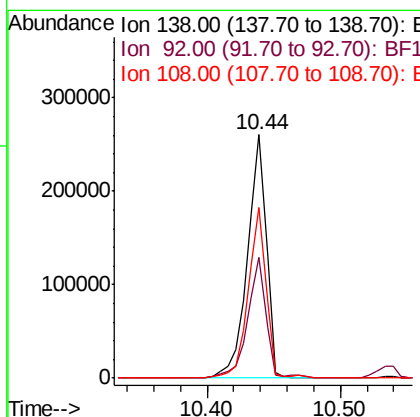
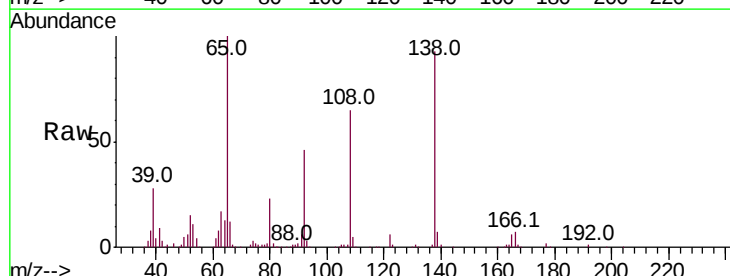
Instrument :
 BNA_F
 ClientSampled :
 PB129143BS

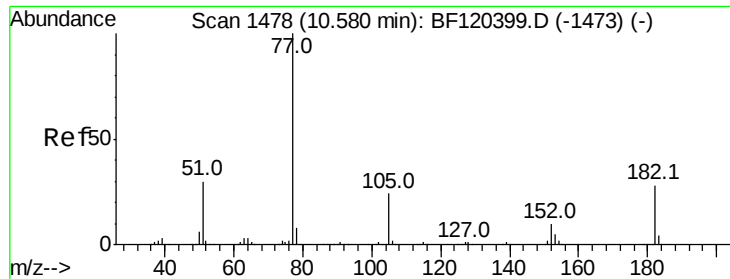
Tot Ion:204 Resp: 627451
 Ion Ratio Lower Upper
 204 100
 206 32.5 25.8 38.8
 141 59.3 47.2 70.8



#62
 4-Nitroaniline
 Concen: 32.293 ng
 RT: 10.44 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF120442.D
 Acq: 29 May 2020 16:39

Tgt Ion:138 Resp: 251965
 Ion Ratio Lower Upper
 138 100
 92 49.4 29.3 69.3
 108 70.1 51.8 91.8





#63

Azobenzene

Concen: 43.291 ng

RT: 10.58 min Scan# 1478

Delta R.T. 0.00 min

Lab File: BF120442.D

Acq: 29 May 2020 16:39

Instrument :

BNA_F

ClientSampleId :

PB129143BS

Tot Ion: 77 Resp: 1303199

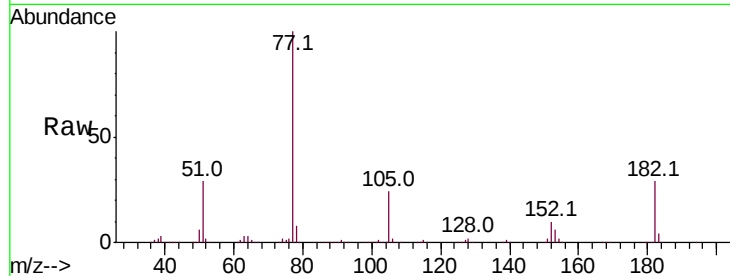
Ion Ratio Lower Upper

77 100

182 29.3 8.1 48.1

105 23.9 3.8 43.8

51 29.3 10.1 50.1

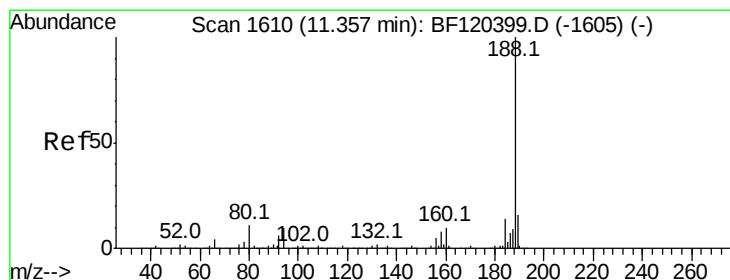
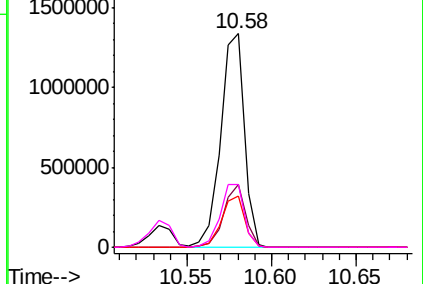
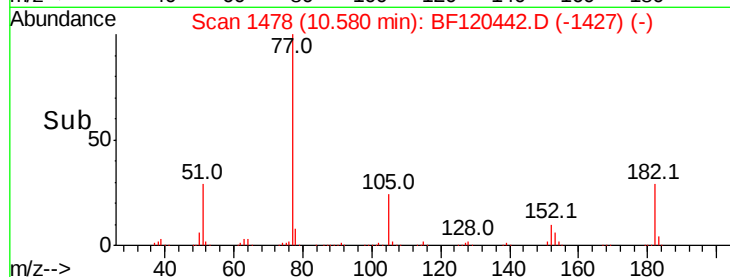


Abundance Ion 77.00 (76.70 to 77.70): BF1

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# 1611

Delta R.T. 0.01 min

Lab File: BF120442.D

Acq: 29 May 2020 16:39

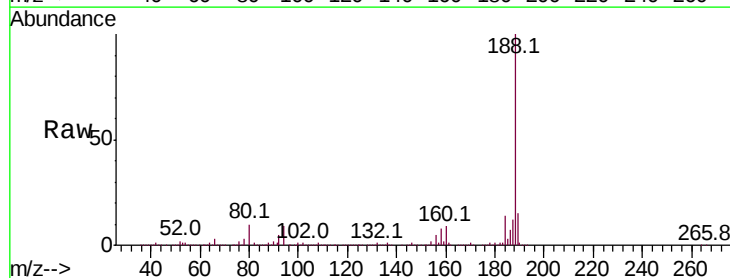
Tgt Ion: 188 Resp: 823330

Ion Ratio Lower Upper

188 100

94 8.6 7.9 11.9

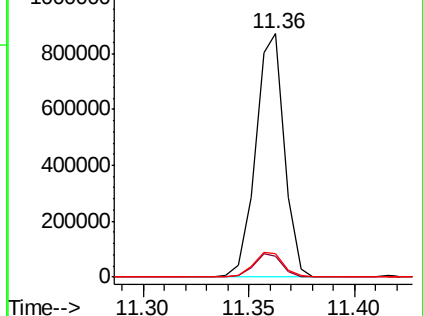
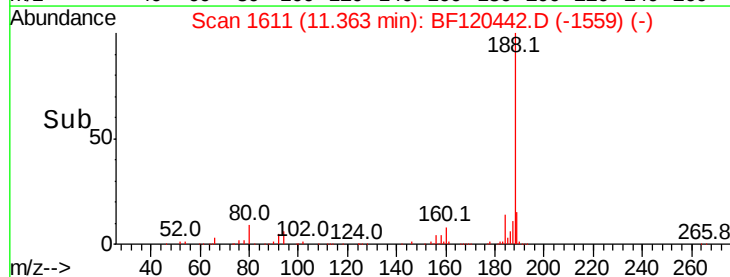
80 9.9 8.6 13.0

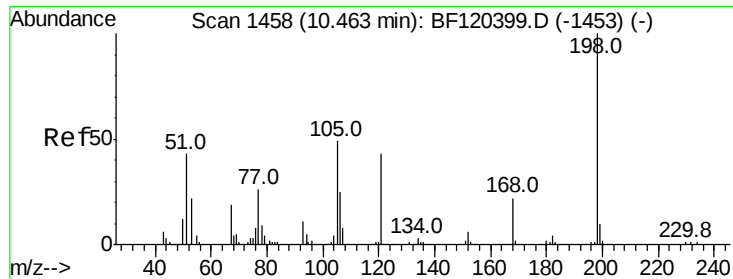


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

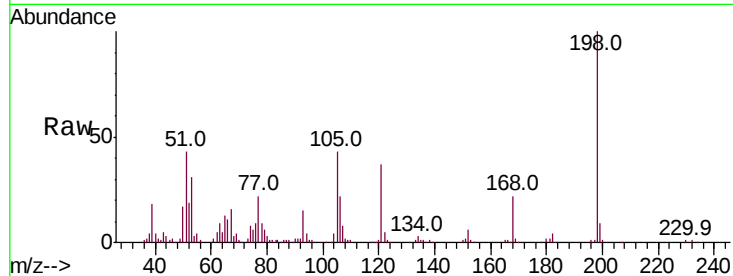




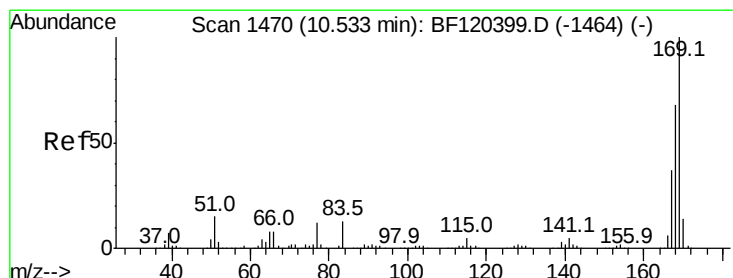
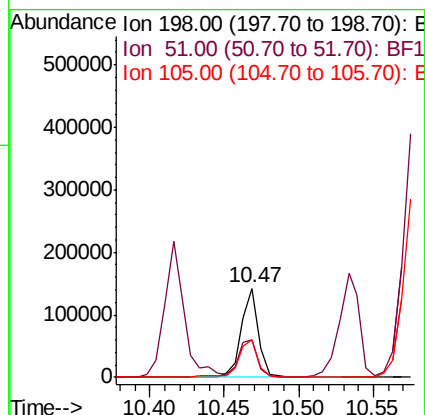
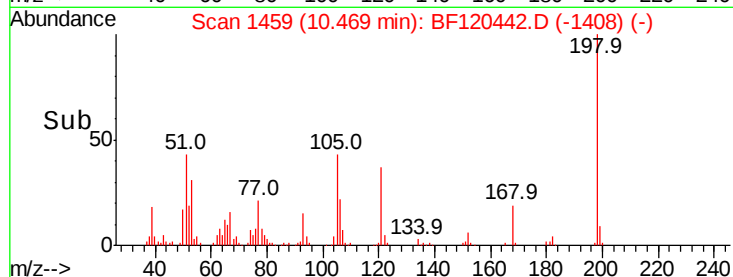
#65
 4,6-Dinitro-2-methylphenol
 Concen: 38.285 ng
 RT: 10.47 min Scan# 1459
 Delta R.T. 0.00 min
 Lab File: BF120442.D
 Acq: 29 May 2020 16:39

Instrument :
 BNA_F
 ClientSampleId :
 PB129143BS

Tot Ion:198 Resp: 114972
 Ion Ratio Lower Upper
 198 100
 51 42.9 34.1 74.1
 105 43.0 30.5 70.5

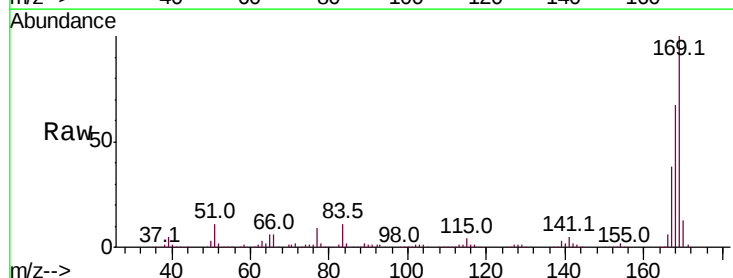


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

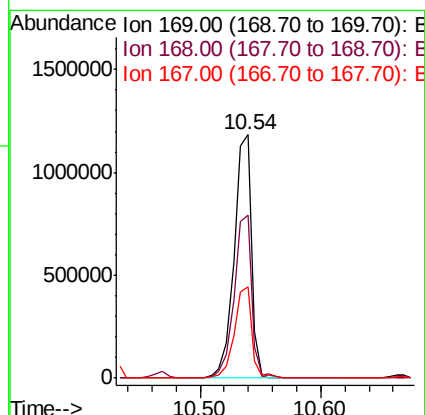
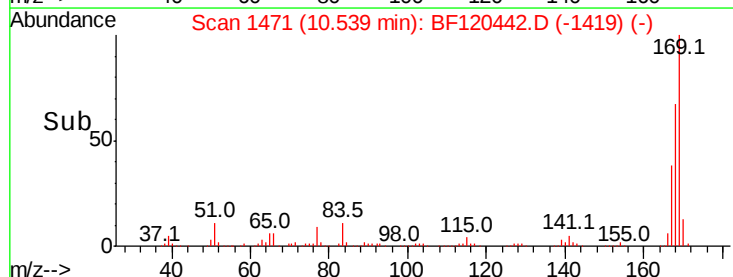


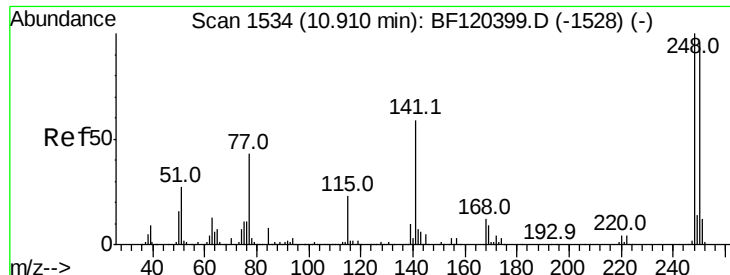
#66
 n-Nitrosodiphenylamine
 Concen: 51.789 ng
 RT: 10.54 min Scan# 1471
 Delta R.T. 0.01 min
 Lab File: BF120442.D
 Acq: 29 May 2020 16:39

Tgt Ion:169 Resp: 1184441
 Ion Ratio Lower Upper
 169 100
 168 67.0 54.2 81.2
 167 37.6 29.8 44.8



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

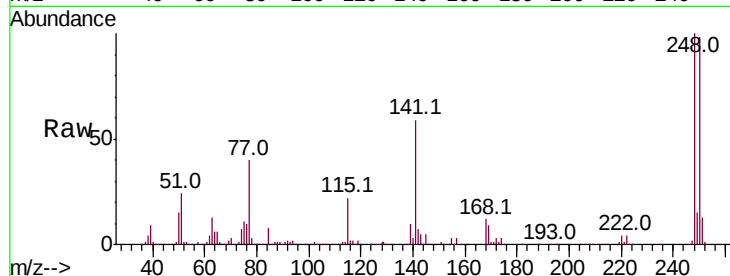




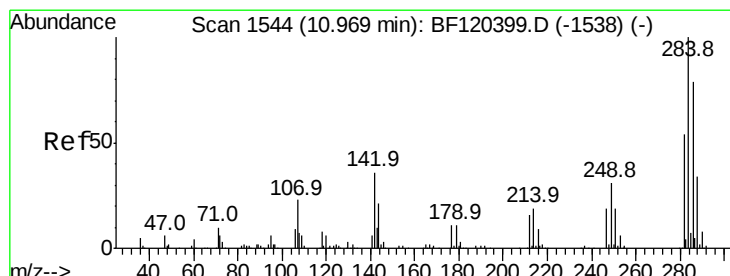
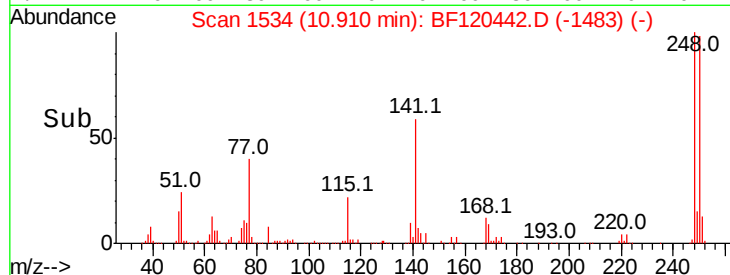
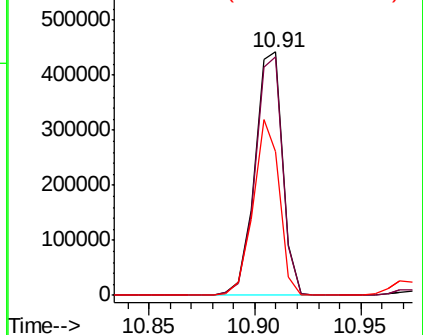
#67
 4-Bromophenyl-phenylether
 Concen: 48.854 ng
 RT: 10.91 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: BF120442.D
 Acq: 29 May 2020 16:39

Instrument :
 BNA_F
 ClientSampleId :
 PB129143BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.0	76.5	114.7
141	59.2	47.2	70.8

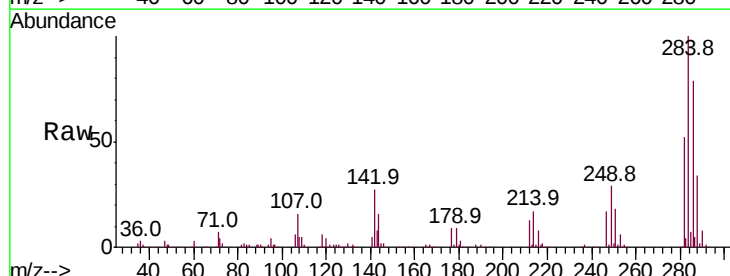


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

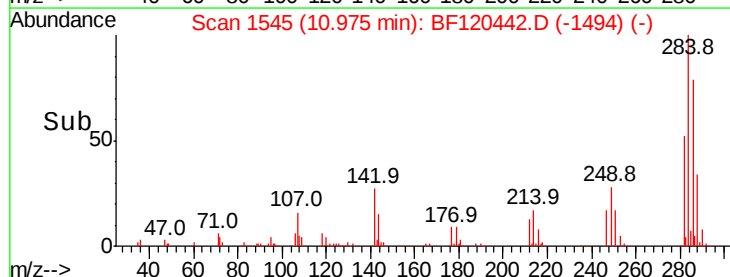
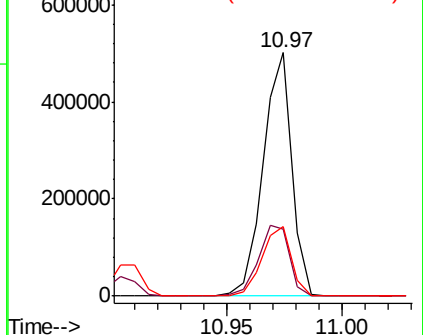


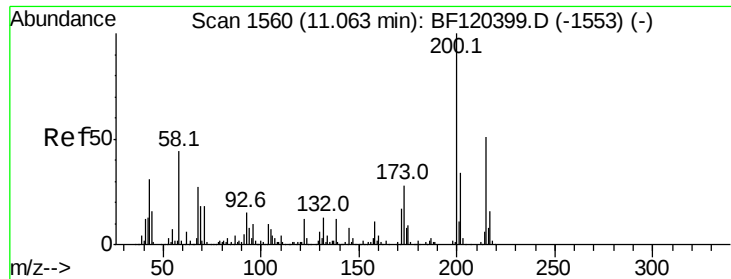
#68
 Hexachlorobenzene
 Concen: 48.994 ng
 RT: 10.97 min Scan# 1545
 Delta R.T. 0.00 min
 Lab File: BF120442.D
 Acq: 29 May 2020 16:39

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.5	28.5	42.7#
249	28.7	25.0	37.6



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

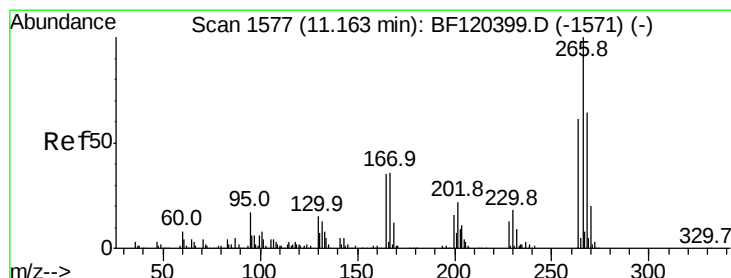
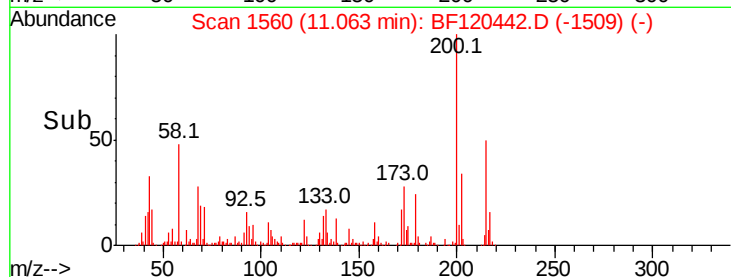
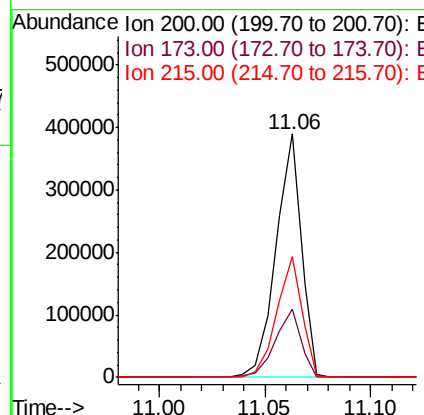
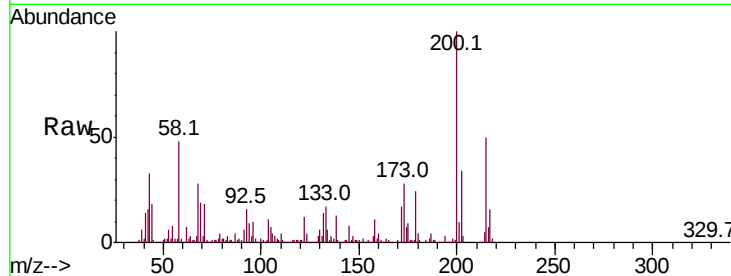




#69
Atrazine
Concen: 50.721 ng
RT: 11.06 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BF120442.D
Acq: 29 May 2020 16:39

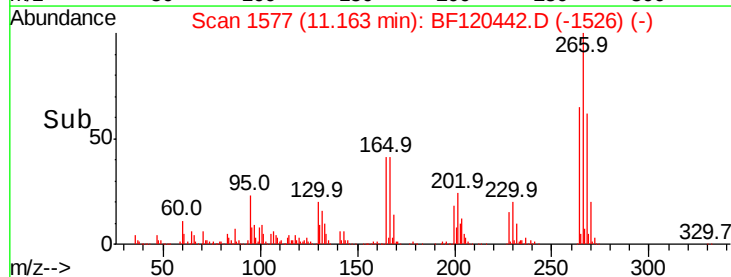
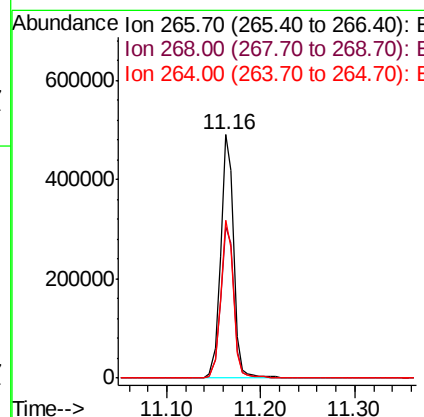
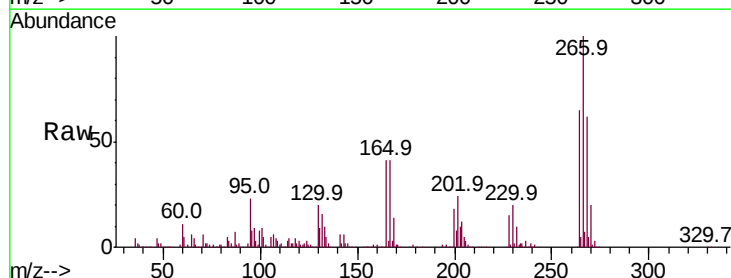
Instrument :
BNA_F
ClientSampleId :
PB129143BS

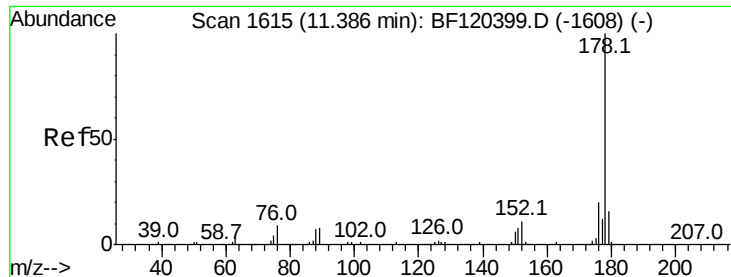
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.9	7.9	47.9
215	49.6	31.2	71.2



#70
Pentachlorophenol
Concen: 88.939 ng
RT: 11.16 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BF120442.D
Acq: 29 May 2020 16:39

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.4	51.5	77.3
264	64.6	49.1	73.7

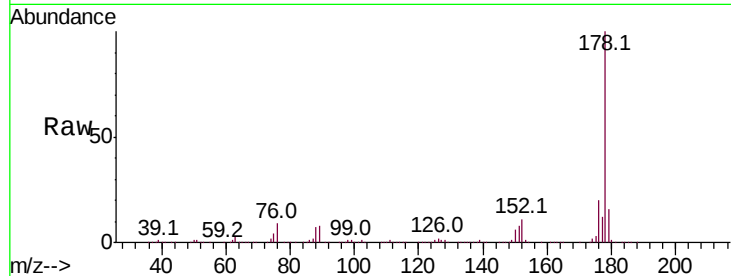




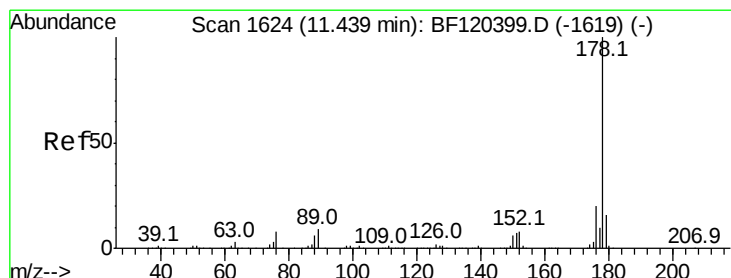
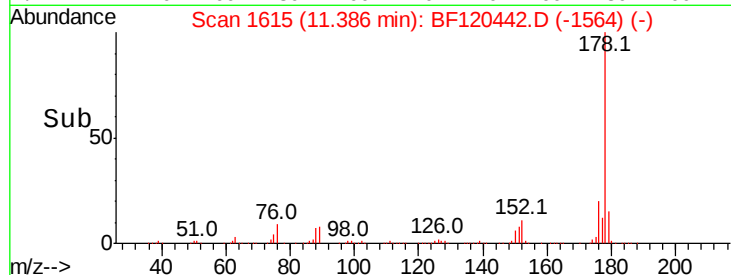
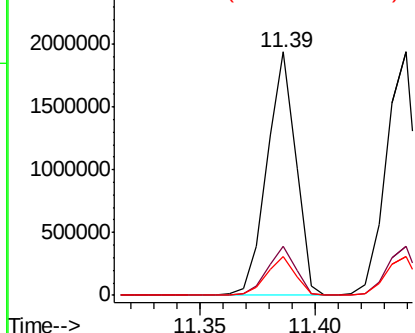
#71
Phenanthrene
Concen: 46.371 ng
RT: 11.39 min Scan# 1615
Delta R.T. 0.00 min
Lab File: BF120442.D
Acq: 29 May 2020 16:39

Instrument :
BNA_F
ClientSampleId :
PB129143BS

Tot Ion:178 Resp: 1682254
Ion Ratio Lower Upper
178 100
176 20.3 16.4 24.6
179 16.2 13.0 19.4

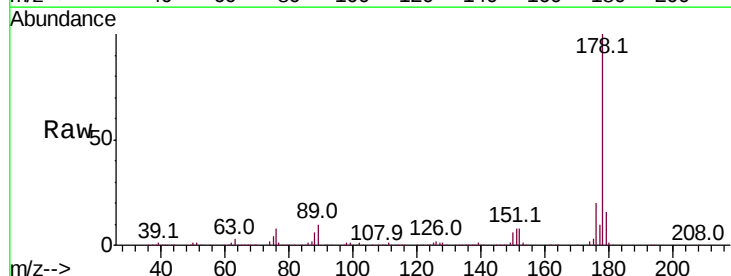


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

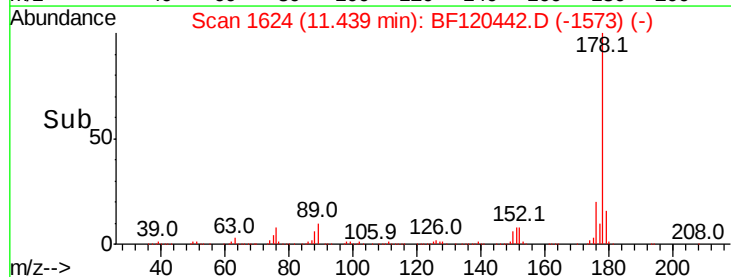
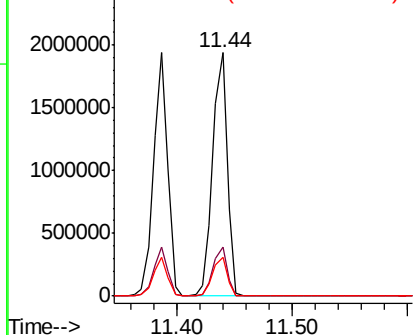


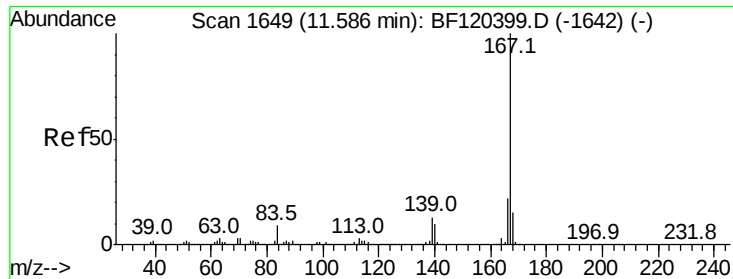
#72
Anthracene
Concen: 47.159 ng
RT: 11.44 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BF120442.D
Acq: 29 May 2020 16:39

Tgt Ion:178 Resp: 1716581
Ion Ratio Lower Upper
178 100
176 19.9 15.8 23.6
179 16.2 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



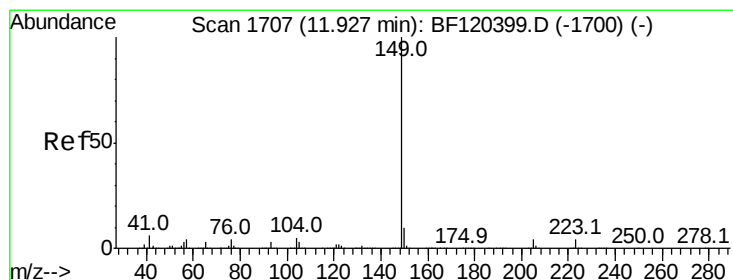
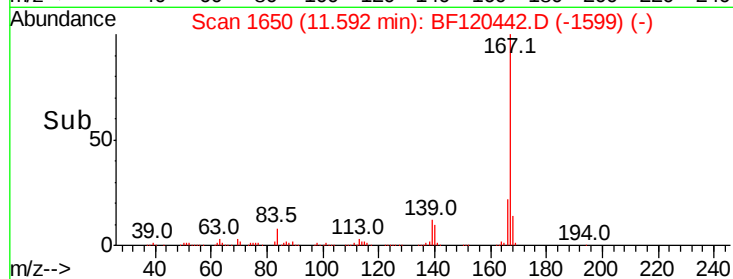
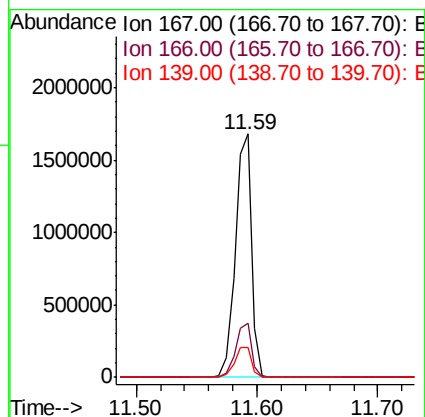
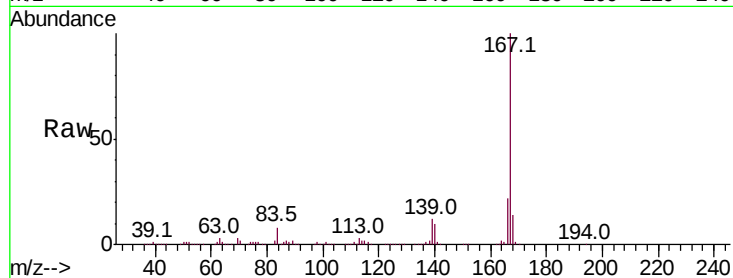


#73
 Carbazole
 Concen: 44.365 ng
 RT: 11.59 min Scan# 1650
 Delta R.T. 0.00 min
 Lab File: BF120442.D
 Acq: 29 May 2020 16:39

Instrument :
 BNA_F
 ClientSampleId :
 PB129143BS

Tot Ion:167 Resp: 1561957

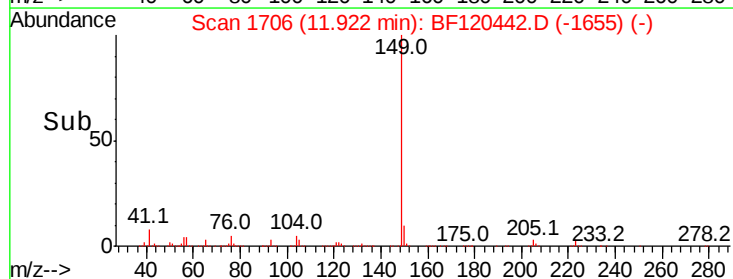
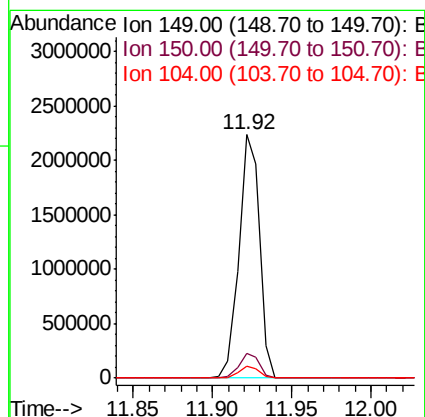
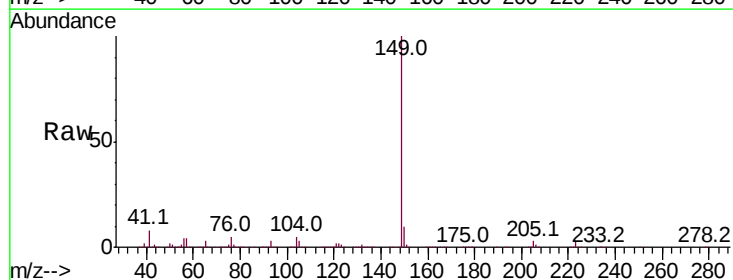
Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.8	26.6
139	12.4	10.4	15.6

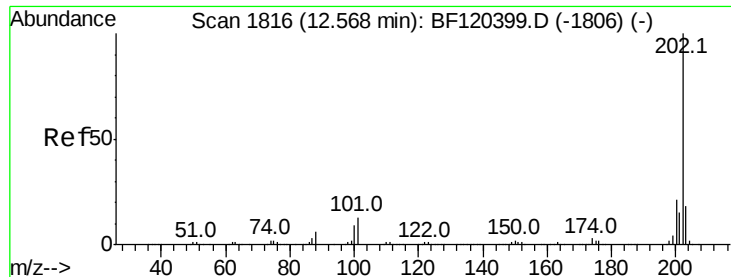


#74
 Di-n-butylphthalate
 Concen: 48.830 ng
 RT: 11.92 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: BF120442.D
 Acq: 29 May 2020 16:39

Tgt Ion:149 Resp: 1999829

Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.7	11.5
104	5.1	3.6	5.4

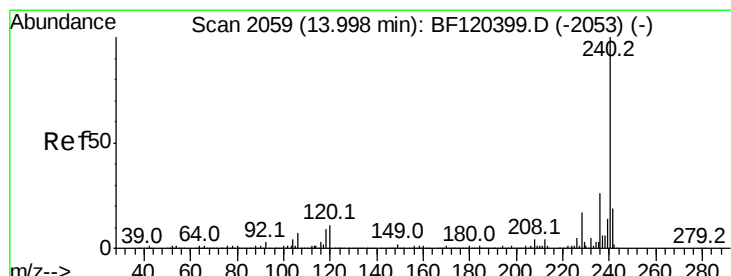
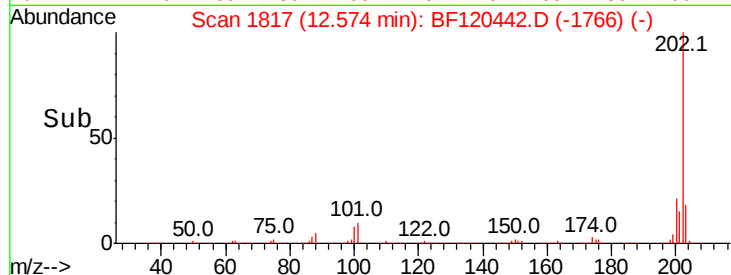
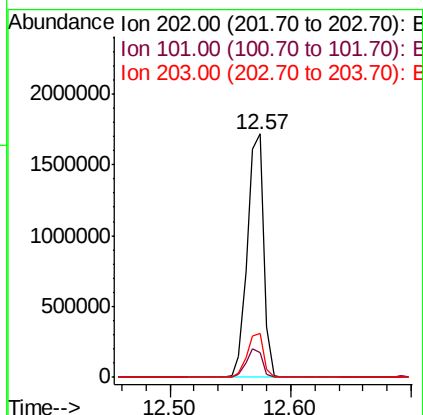
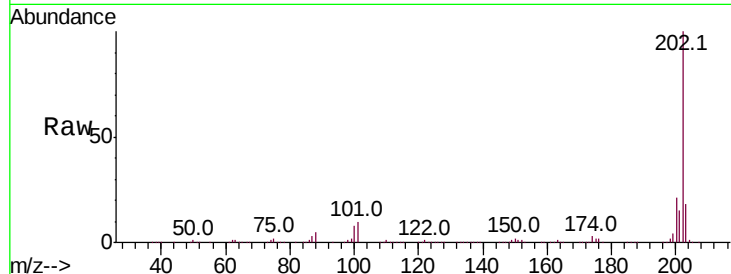




#75
 Fluoranthene
 Concen: 41.770 ng
 RT: 12.57 min Scan# 1817
 Delta R.T. 0.00 min
 Lab File: BF120442.D
 Acq: 29 May 2020 16:39

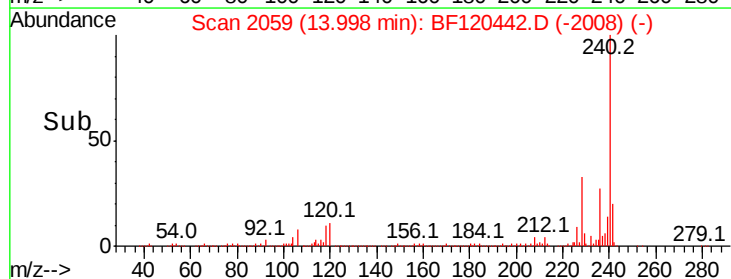
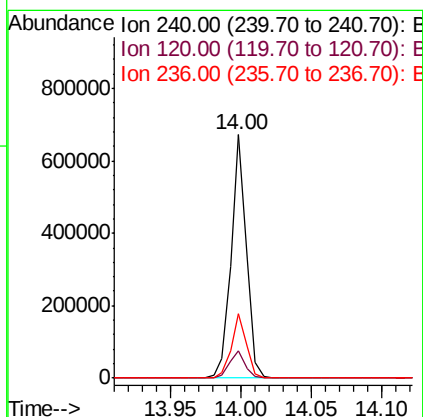
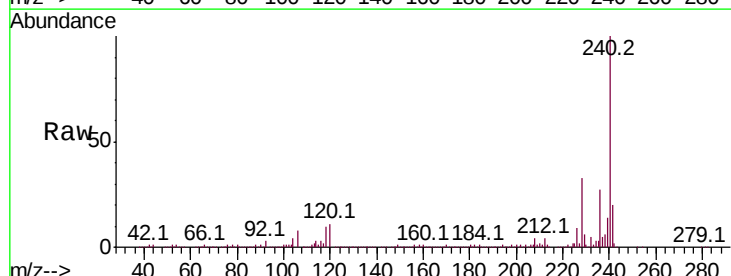
Instrument :
 BNA_F
 ClientSampleId :
 PB129143BS

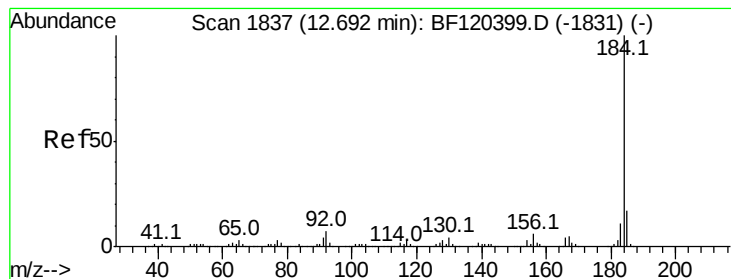
Tot Ion:202 Resp: 1630529
 Ion Ratio Lower Upper
 202 100
 101 10.1 0.0 32.6
 203 18.2 0.0 38.4



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2059
 Delta R.T. 0.00 min
 Lab File: BF120442.D
 Acq: 29 May 2020 16:39

Tgt Ion:240 Resp: 501914
 Ion Ratio Lower Upper
 240 100
 120 11.1 8.8 13.2
 236 26.5 21.0 31.4





#77

Benzidine

Concen: 83.519 ng

RT: 12.69 min Scan# 1837

Delta R.T. 0.00 min

Lab File: BF120442.D

Acq: 29 May 2020 16:39

Instrument :

BNA_F

ClientSampleId :

PB129143BS

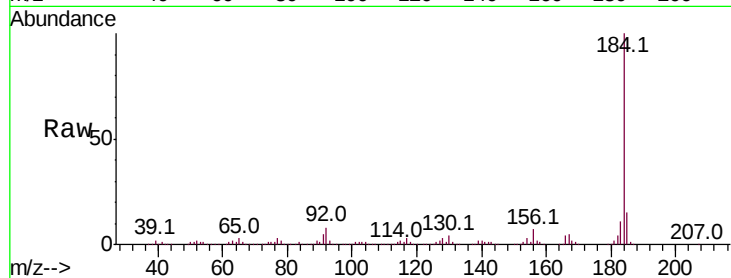
Tot Ion:184 Resp: 1101418

Ion	Ratio	Lower	Upper
184	100		
185	14.8	13.4	20.0
183	11.2	8.6	12.8

184 100

185 14.8 13.4 20.0

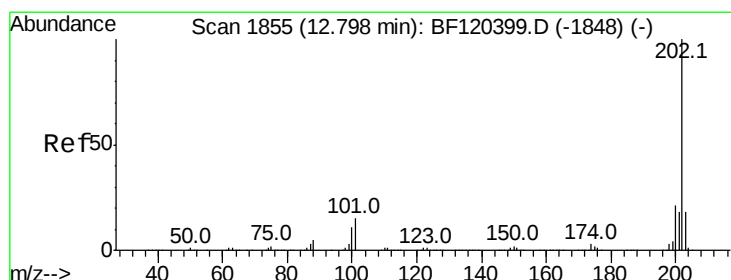
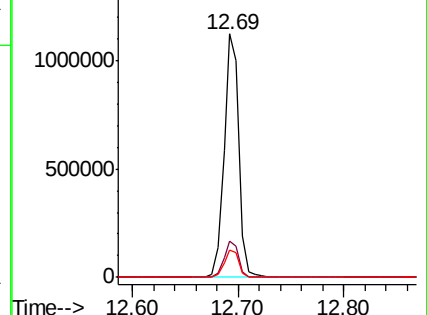
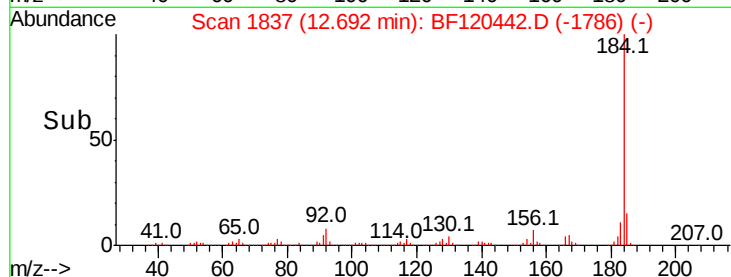
183 11.2 8.6 12.8



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: 46.347 ng

RT: 12.80 min Scan# 1855

Delta R.T. 0.00 min

Lab File: BF120442.D

Acq: 29 May 2020 16:39

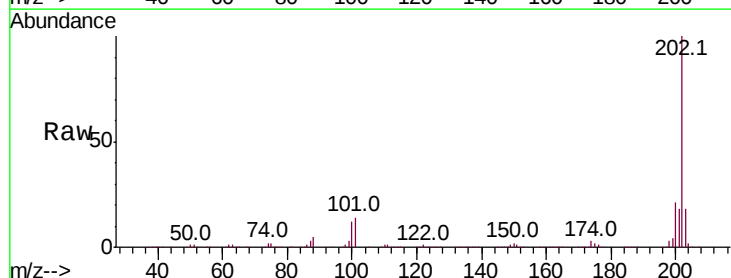
Tgt Ion:202 Resp: 1617765

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.0	25.4
203	18.5	14.7	22.1

202 100

200 20.8 17.0 25.4

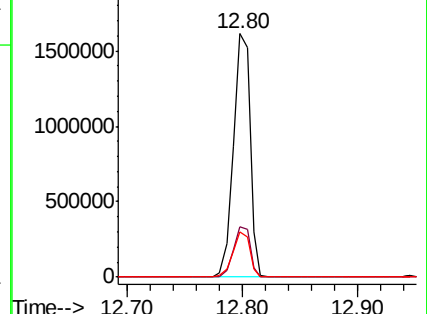
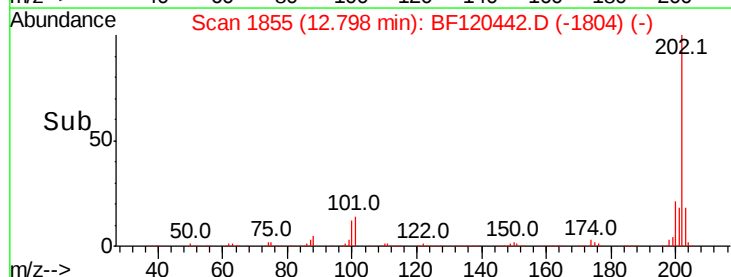
203 18.5 14.7 22.1

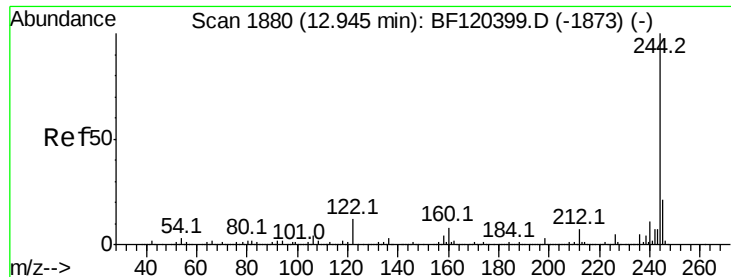


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 98.379 ng

RT: 12.95 min Scan# 1880

Delta R.T. 0.00 min

Lab File: BF120442.D

Acq: 29 May 2020 16:39

Instrument :

BNA_F

ClientSampleId :

PB129143BS

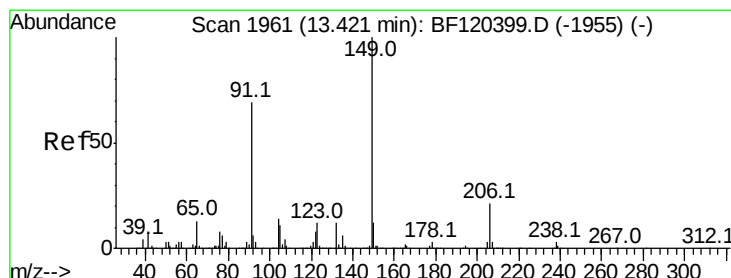
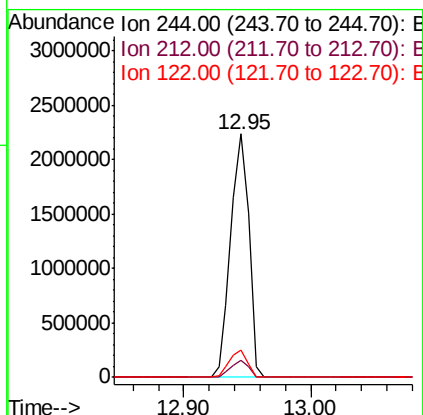
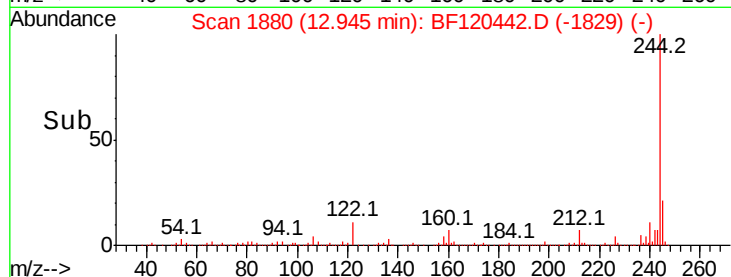
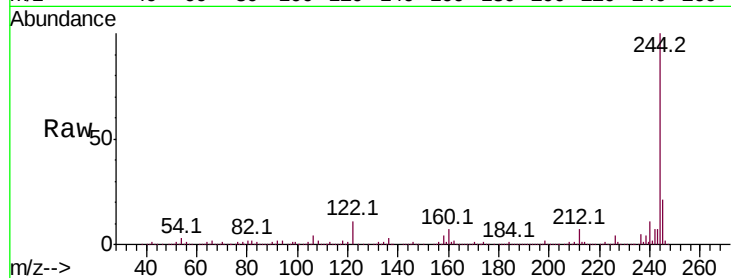
Tot Ion:244 Resp: 2218988

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

122 11.4 9.2 13.8



#80

Butylbenzylphthalate

Concen: 49.308 ng

RT: 13.42 min Scan# 1961

Delta R.T. 0.00 min

Lab File: BF120442.D

Acq: 29 May 2020 16:39

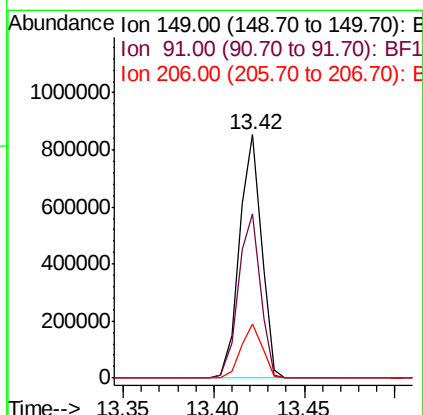
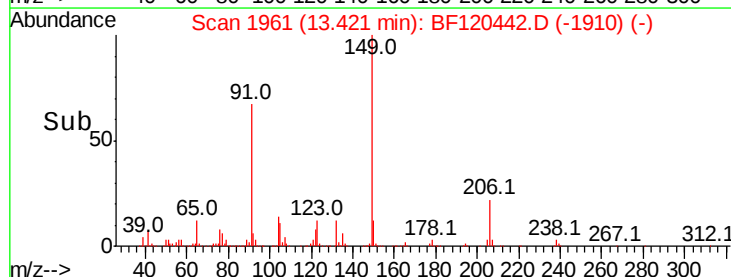
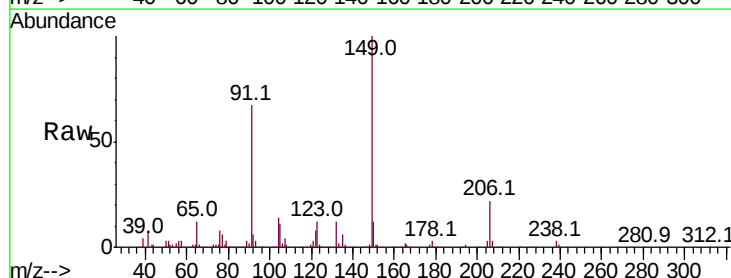
Tgt Ion:149 Resp: 718521

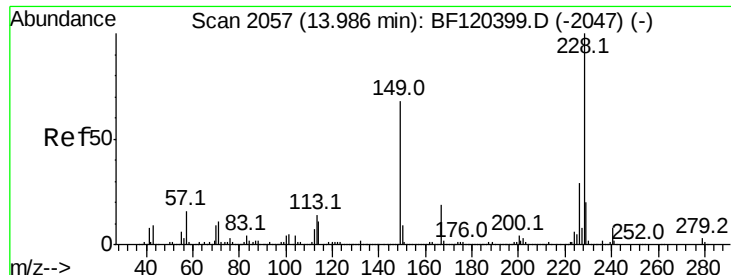
Ion Ratio Lower Upper

149 100

91 67.4 55.0 82.4

206 22.4 17.0 25.4

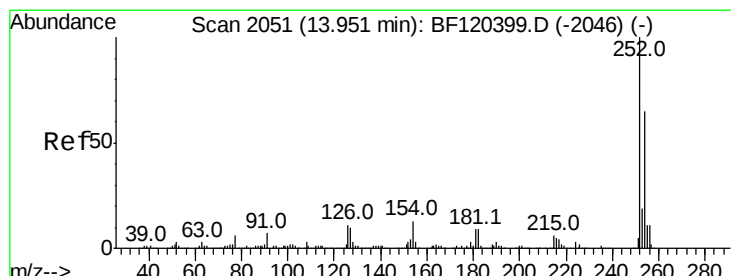
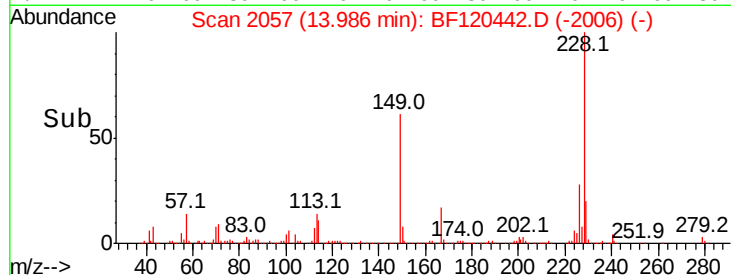
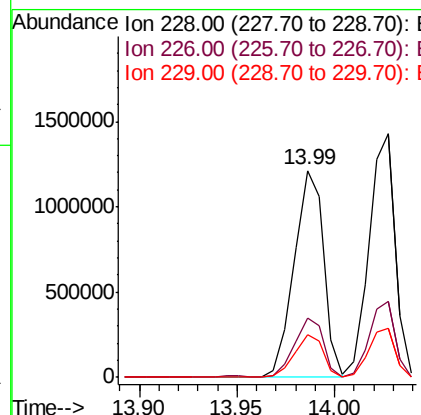
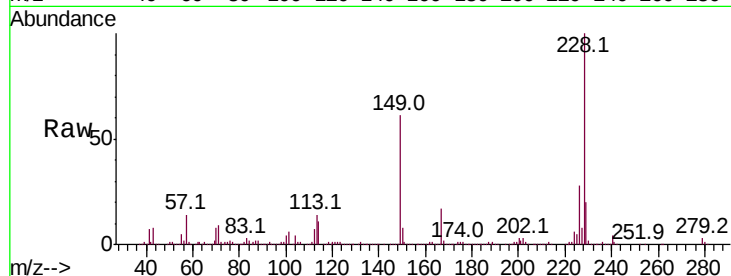




#81
 Benzo(a)anthracene
 Concen: 47.147 ng
 RT: 13.99 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: BF120442.D
 Acq: 29 May 2020 16:39

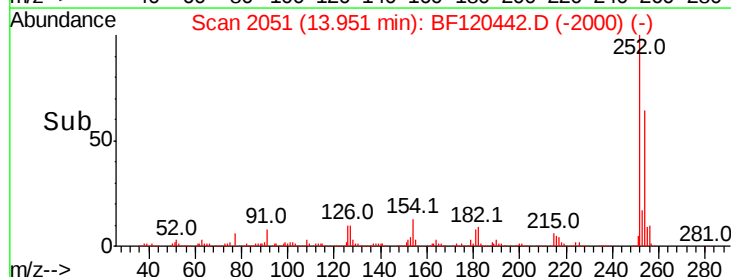
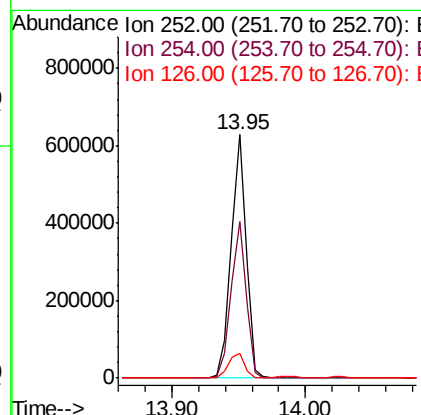
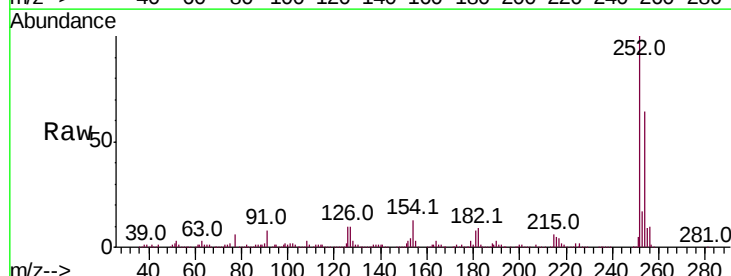
Instrument :
 BNA_F
 ClientSampleId :
 PB129143BS

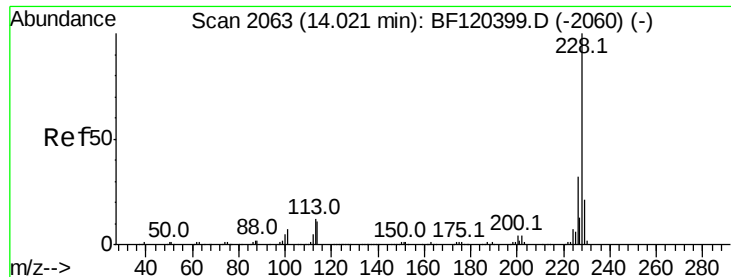
Tot Ion:	228	Resp:	1268255
Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.0	34.4
229	20.4	16.2	24.4



#82
 3,3'-Dichlorobenzidine
 Concen: 51.803 ng
 RT: 13.95 min Scan# 2051
 Delta R.T. 0.00 min
 Lab File: BF120442.D
 Acq: 29 May 2020 16:39

Tgt Ion:	252	Resp:	505906
Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.8	77.6
126	10.3	8.5	12.7





#83

Chrysene

Concen: 46.882 ng

RT: 14.03 min Scan# 2064

Delta R.T. 0.00 min

Lab File: BF120442.D

Acq: 29 May 2020 16:39

Instrument :

BNA_F

ClientSampleId :

PB129143BS

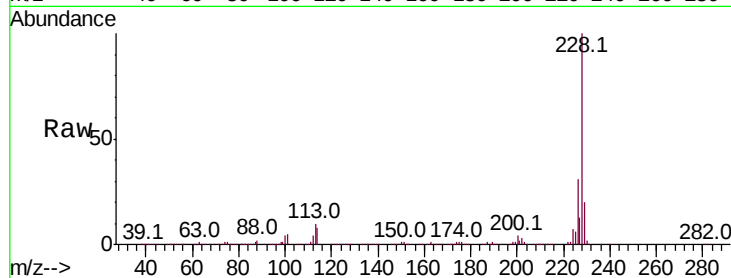
Tot Ion:228 Resp: 1322130

Ion Ratio Lower Upper

228 100

226 31.3 25.6 38.4

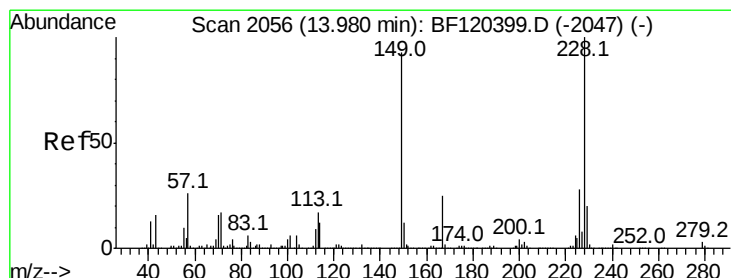
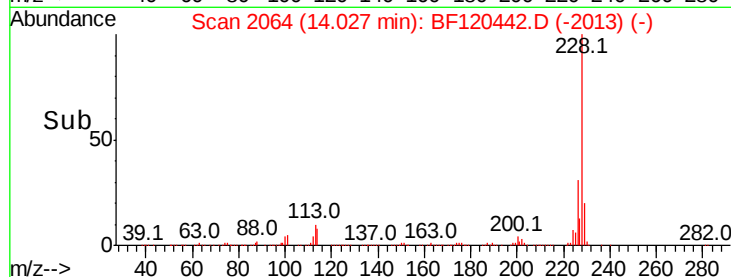
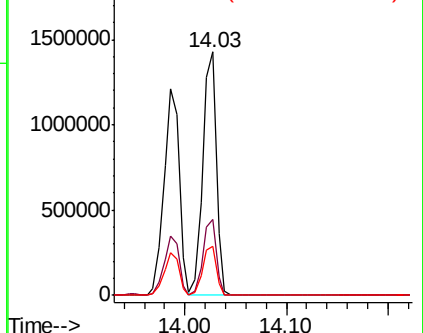
229 20.1 16.6 25.0



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: 54.682 ng

RT: 13.98 min Scan# 2056

Delta R.T. 0.00 min

Lab File: BF120442.D

Acq: 29 May 2020 16:39

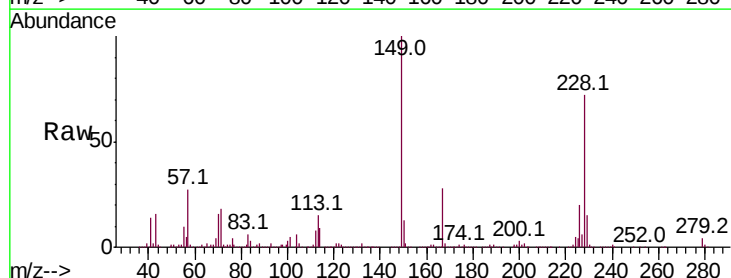
Tgt Ion:149 Resp: 935367

Ion Ratio Lower Upper

149 100

167 27.8 21.7 32.5

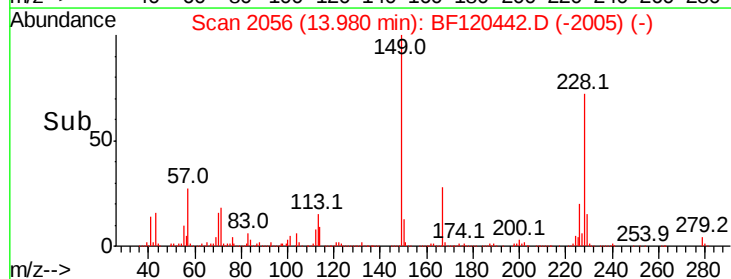
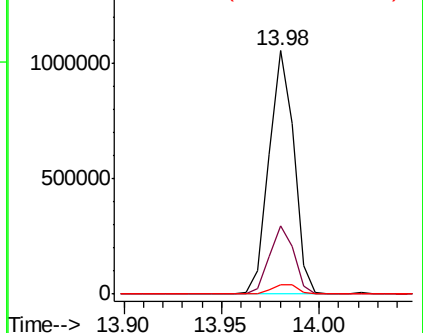
279 3.9 2.9 4.3

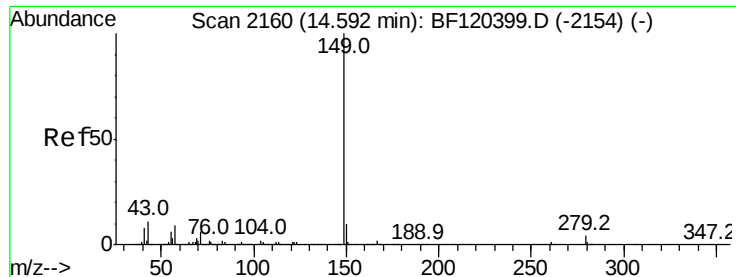


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

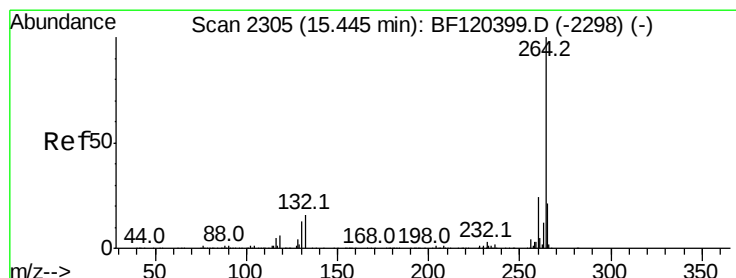
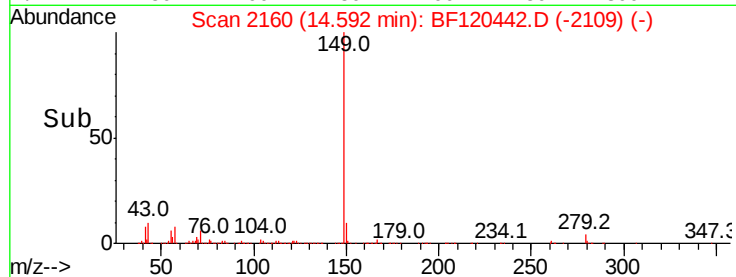
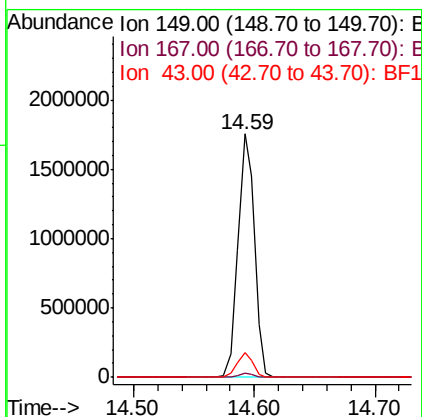
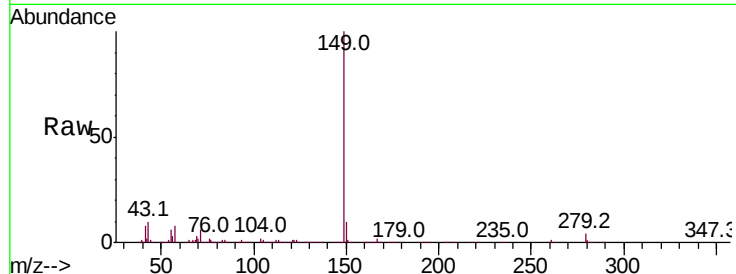




#85
Di-n-octyl phthalate
Concen: 56.337 ng
RT: 14.59 min Scan# 2160
Delta R.T. 0.00 min
Lab File: BF120442.D
Acq: 29 May 2020 16:39

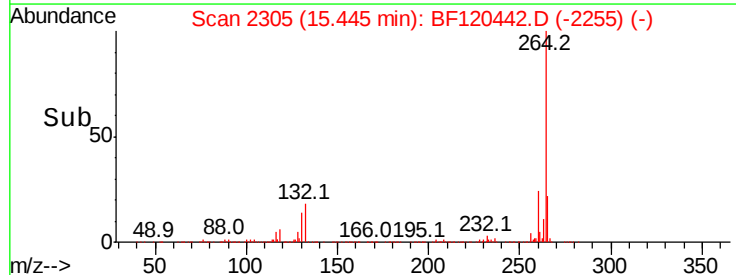
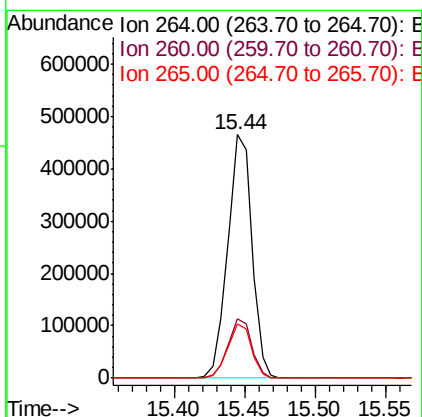
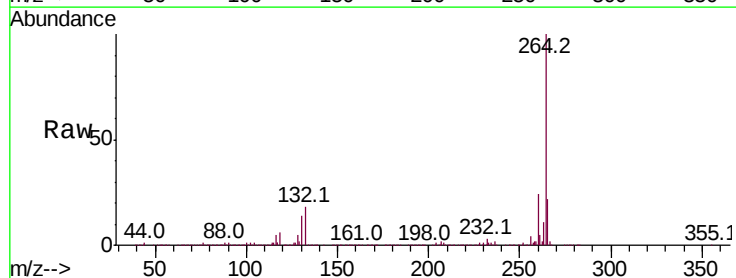
Instrument :
BNA_F
ClientSampleId :
PB129143BS

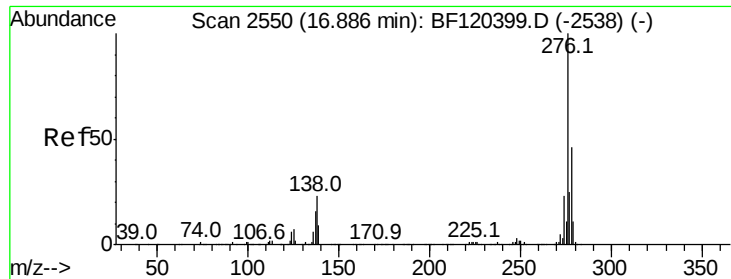
Tot Ion:149 Resp: 1667503
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.8 8.1 12.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2305
Delta R.T. -0.01 min
Lab File: BF120442.D
Acq: 29 May 2020 16:39

Tgt Ion:264 Resp: 556675
Ion Ratio Lower Upper
264 100
260 24.5 19.2 28.8
265 22.2 16.9 25.3

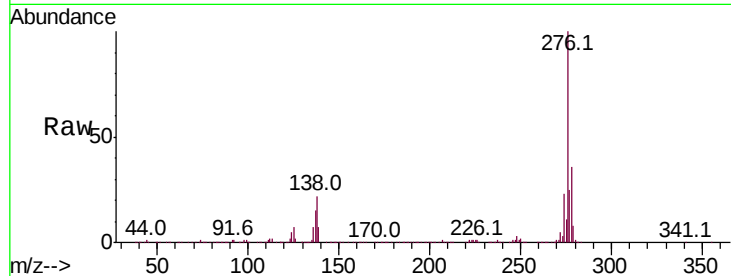




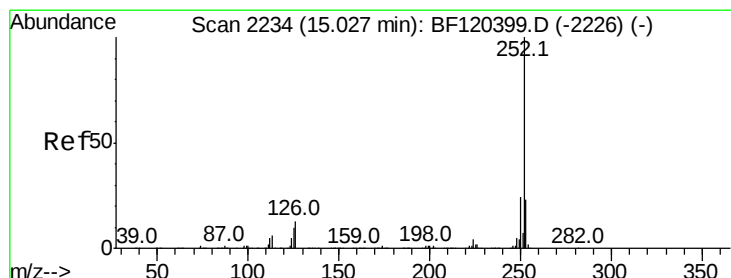
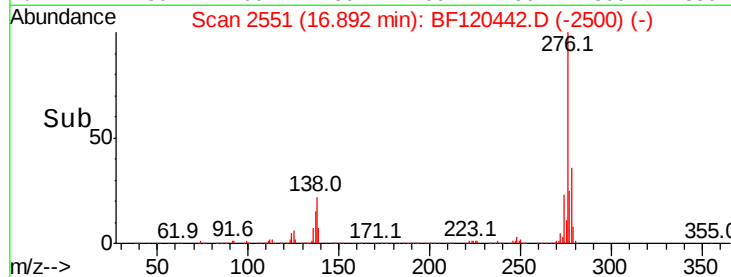
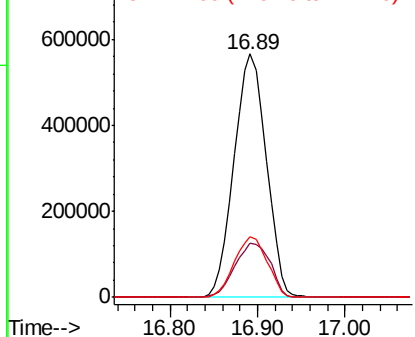
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 46.583 ng
 RT: 16.89 min Scan# 2551
 Delta R.T. 0.00 min
 Lab File: BF120442.D
 Acq: 29 May 2020 16:39

Instrument :
 BNA_F
 ClientSampleId :
 PB129143BS

Tot Ion:276 Resp: 1418311
 Ion Ratio Lower Upper
 276 100
 138 24.4 20.4 30.6
 277 25.5 20.4 30.6

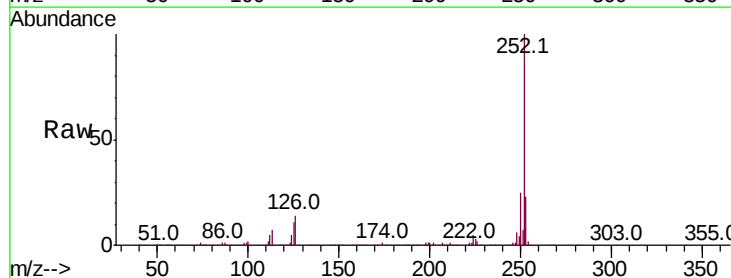


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

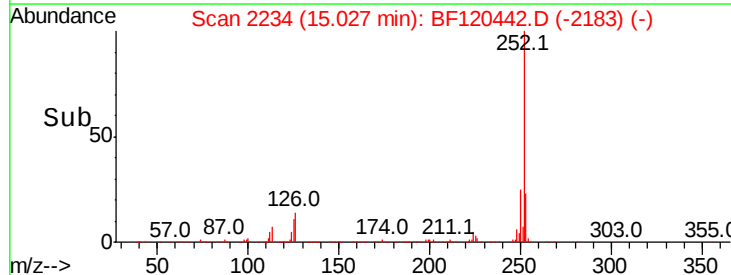
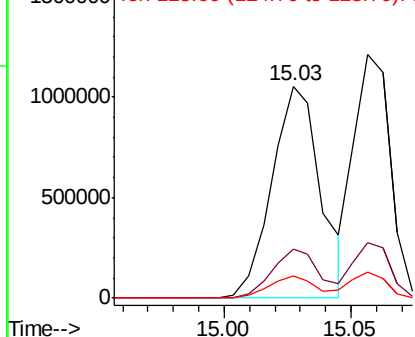


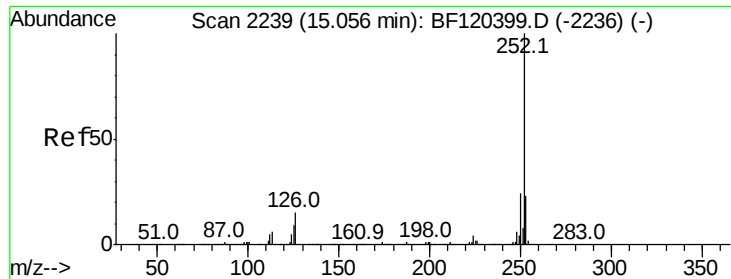
#88
 Benzo(b)fluoranthene
 Concen: 45.885 ng
 RT: 15.03 min Scan# 2234
 Delta R.T. 0.00 min
 Lab File: BF120442.D
 Acq: 29 May 2020 16:39

Tgt Ion:252 Resp: 1418752
 Ion Ratio Lower Upper
 252 100
 253 23.0 18.1 27.1
 125 10.6 7.8 11.8



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

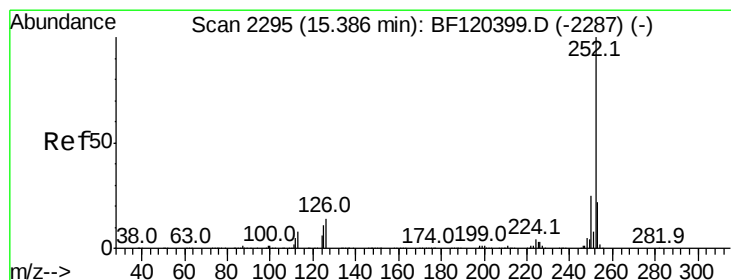
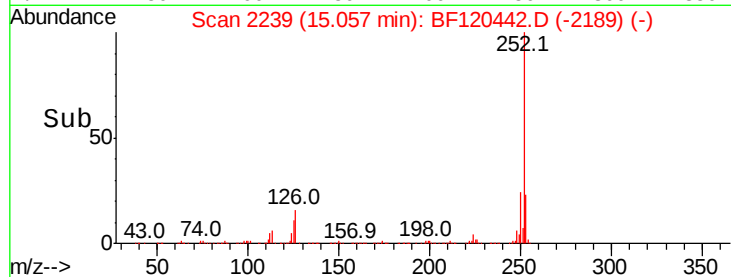
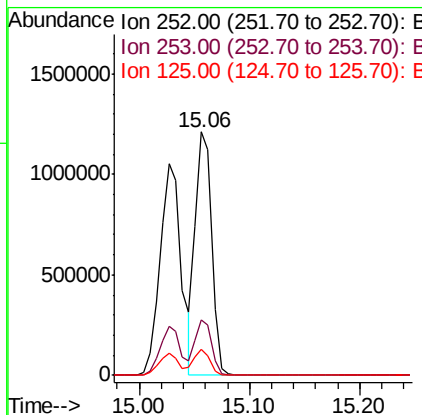
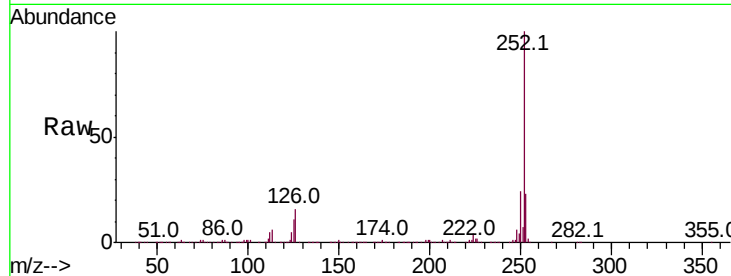




#89
Benzo(k)fluoranthene
Concen: 42.397 ng
RT: 15.06 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BF120442.D
Acq: 29 May 2020 16:39

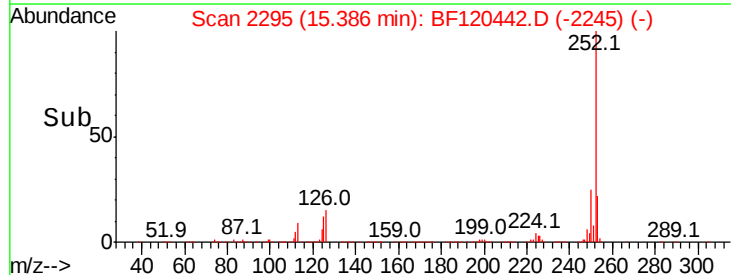
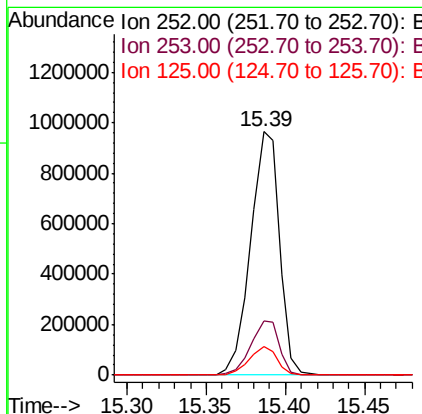
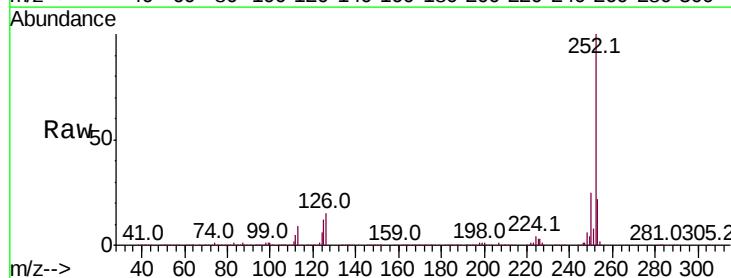
Instrument :
BNA_F
ClientSampleId :
PB129143BS

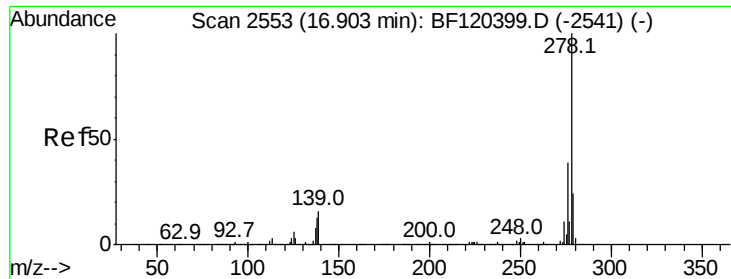
Tot Ion:252 Resp: 1223777
Ion Ratio Lower Upper
252 100
253 22.9 18.5 27.7
125 10.9 8.0 12.0



#90
Benzo(a)pyrene
Concen: 45.279 ng
RT: 15.39 min Scan# 2295
Delta R.T. -0.01 min
Lab File: BF120442.D
Acq: 29 May 2020 16:39

Tgt Ion:252 Resp: 1224578
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 11.6 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 48.161 ng

RT: 16.91 min Scan# 2554

Delta R.T. 0.00 min

Lab File: BF120442.D

Acq: 29 May 2020 16:39

Instrument :

BNA_F

ClientSampleId :

PB129143BS

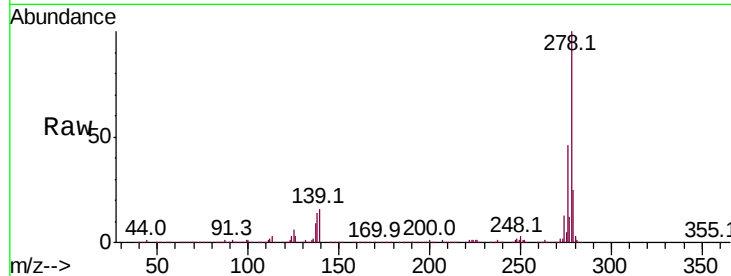
Tot Ion:278 Resp: 1195489

Ion Ratio Lower Upper

278 100

139 15.9 12.8 19.2

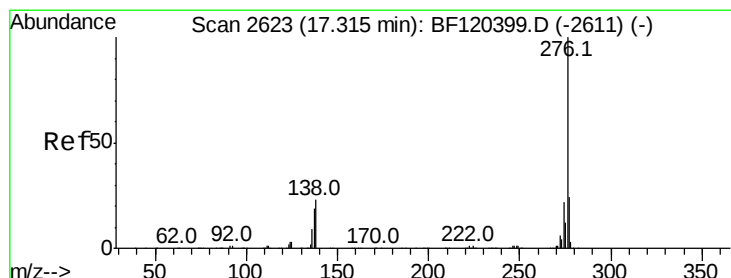
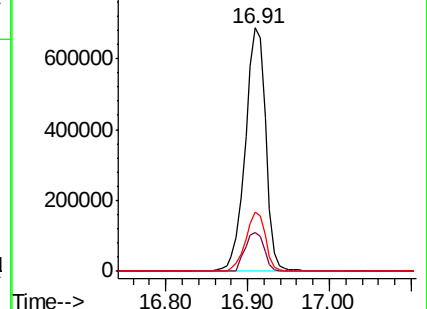
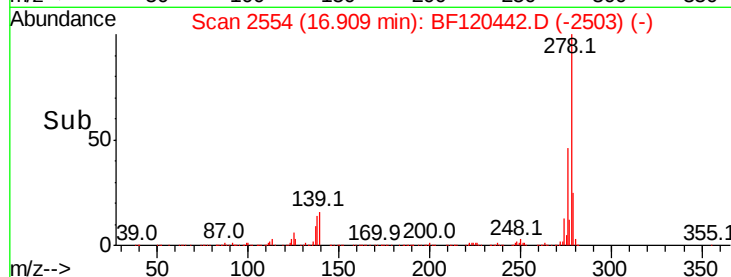
279 24.5 19.0 28.4



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: 47.764 ng

RT: 17.33 min Scan# 2625

Delta R.T. 0.00 min

Lab File: BF120442.D

Acq: 29 May 2020 16:39

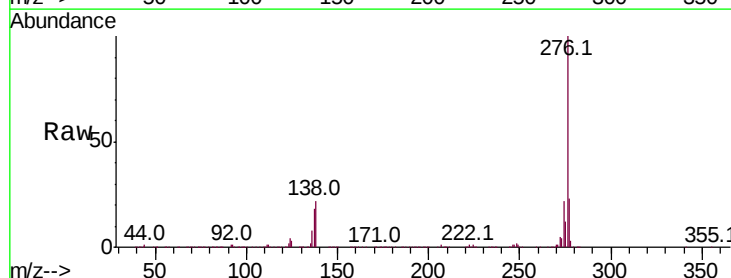
Tgt Ion:276 Resp: 1169386

Ion Ratio Lower Upper

276 100

277 23.0 19.5 29.3

138 21.5 18.1 27.1



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

