

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF052920\
 Data File : BF120443.D
 Acq On : 29 May 2020 17:06
 Operator : MA/SJ
 Sample : PB129165BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB129165BS

Quant Time: May 29 17:38:09 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	276170	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1038564	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	509195	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	838636	20.00	ng	0.00
76) Chrysene-d12	14.00	240	524653	20.00	ng	0.00
86) Perylene-d12	15.44	264	575262	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	1679483	115.89	ng	0.02
7) Phenol-d6	6.47	99	2083186	116.63	ng	0.00
23) Nitrobenzene-d5	7.40	82	1344526	84.68	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	550117	116.60	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2442838	81.40	ng	0.00
79) Terphenyl-d14	12.94	244	2110470	89.51	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.67	88	275297	38.350	ng	98
3) Pyridine	3.42	79	646154	32.501	ng	97
4) n-Nitrosodimethylamine	3.37	42	342134	40.665	ng	98
6) Aniline	6.50	93	674100	27.066	ng	98
8) 2-Chlorophenol	6.62	128	723294	44.265	ng	98
9) Benzaldehyde	6.39	77	409637	37.629	ng	100
10) Phenol	6.49	94	828422	42.412	ng	98
11) bis(2-Chloroethyl)ether	6.57	93	680573	41.696	ng	98
12) 1,3-Dichlorobenzene	6.78	146	734153	40.896	ng	99
13) 1,4-Dichlorobenzene	6.86	146	740925	41.368	ng	99
14) 1,2-Dichlorobenzene	7.01	146	685877	41.460	ng	98
15) Benzyl Alcohol	6.98	79	576343	42.805	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1023993	39.794	ng	99
17) 2-Methylphenol	7.09	107	567814	38.861	ng	98
18) Hexachloroethane	7.35	117	268661	40.978	ng	98
19) n-Nitroso-di-n-propylamine	7.26	70	465982	41.041	ng	96
20) 3+4-Methylphenols	7.25	107	643480	34.860	ng	# 90
22) Acetophenone	7.25	105	866493	41.080	ng	# 99
24) Nitrobenzene	7.42	77	703867	41.155	ng	97
25) Isophorone	7.66	82	1310040	41.053	ng	99
26) 2-Nitrophenol	7.73	139	356858	46.278	ng	95
27) 2,4-Dimethylphenol	7.77	122	613416	45.807	ng	100
28) bis(2-Chloroethoxy)methane	7.87	93	836515	43.530	ng	99
29) 2,4-Dichlorophenol	7.97	162	583605	43.147	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	646730	42.607	ng	98
31) Naphthalene	8.15	128	1927749	42.264	ng	99
32) Benzoic acid	7.90	122	440699	44.347	ng	96
33) 4-Chloroaniline	8.19	127	326691	16.161	ng	98
34) Hexachlorobutadiene	8.26	225	378066	42.020	ng	100
35) Caprolactam	8.56	113	121376	27.708	ng	95
36) 4-Chloro-3-methylphenol	8.67	107	585711	42.681	ng	99
37) 2-Methylnaphthalene	8.83	142	1307058	43.263	ng	99
38) 1-Methylnaphthalene	8.93	142	1231795	43.195	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	612897	46.936	ng	100

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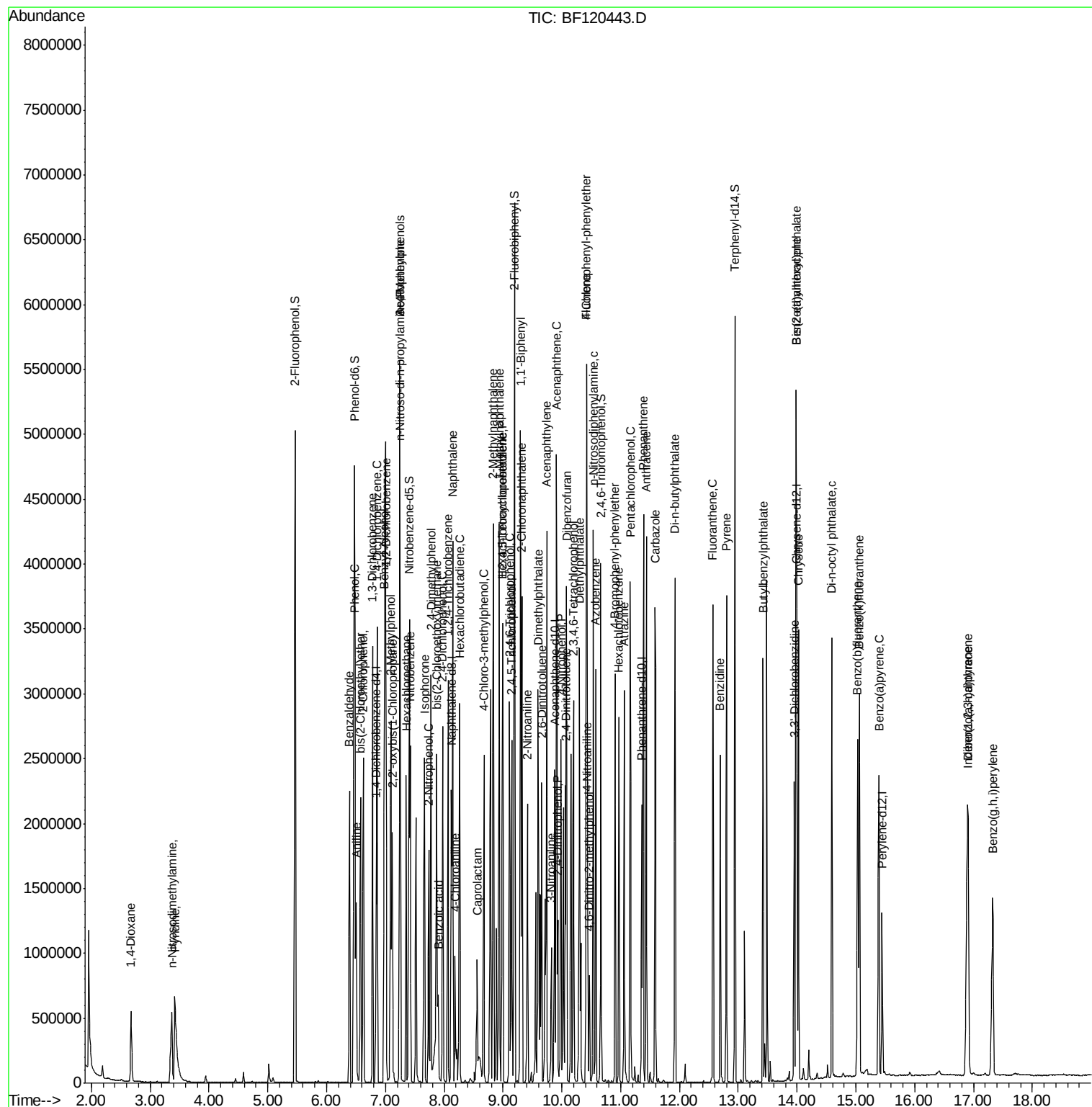
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	480197	65.891	ng	98
43) 2,4,6-Trichlorophenol	9.11	196	432117	45.756	ng	98
44) 2,4,5-Trichlorophenol	9.15	196	440899	41.186	ng	97
46) 1,1'-Biphenyl	9.30	154	1566661	46.836	ng	99
47) 2-Chloronaphthalene	9.32	162	1200706	43.592	ng	97
48) 2-Nitroaniline	9.42	65	353779	42.169	ng	97
49) Acenaphthylene	9.74	152	1862194	43.750	ng	100
50) Dimethylphthalate	9.60	163	1407171	44.204	ng	99
51) 2,6-Dinitrotoluene	9.66	165	304755	43.078	ng	97
52) Acenaphthene	9.91	154	1163537	43.800	ng	100
53) 3-Nitroaniline	9.82	138	148962	17.931	ng	99
54) 2,4-Dinitrophenol	9.93	184	158853	58.063	ng	94
55) Dibenzofuran	10.08	168	1638565	42.445	ng	100
56) 4-Nitrophenol	9.99	139	526024	82.707	ng	99
57) 2,4-Dinitrotoluene	10.06	165	389566	43.026	ng	95
58) Fluorene	10.43	166	1156295	39.914	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.20	232	362010	43.396	ng	98
60) Diethylphthalate	10.30	149	1396739	43.419	ng	100
61) 4-Chlorophenyl-phenylether	10.42	204	600034	38.204	ng	99
62) 4-Nitroaniline	10.44	138	242802	30.959	ng	98
63) Azobenzene	10.57	77	1254204	41.450	ng	97
65) 4,6-Dinitro-2-methylphenol	10.47	198	115402	37.727	ng	79
66) n-Nitrosodiphenylamine	10.53	169	1138697	48.880	ng	99
67) 4-Bromophenyl-phenylether	10.90	248	392641	46.382	ng	# 92
68) Hexachlorobenzene	10.97	284	417482	46.309	ng	# 88
69) Atrazine	11.06	200	317634	48.375	ng	99
70) Pentachlorophenol	11.16	266	460981	83.633	ng	98
71) Phenanthrene	11.39	178	1631825	44.160	ng	99
72) Anthracene	11.44	178	1667202	44.967	ng	100
73) Carbazole	11.59	167	1505656	41.986	ng	100
74) Di-n-butylphthalate	11.92	149	1949358	46.729	ng	99
75) Fluoranthene	12.57	202	1592494	40.051	ng	99
77) Benzidine	12.69	184	971882	70.503	ng	97
78) Pyrene	12.80	202	1568584	42.991	ng	100
80) Butylbenzylphthalate	13.42	149	704174	46.229	ng	99
81) Benzo(a)anthracene	13.99	228	1227911	43.669	ng	99
82) 3,3'-Dichlorobenzidine	13.95	252	473925	46.425	ng	99
83) Chrysene	14.03	228	1263928	42.876	ng	99
84) Bis(2-ethylhexyl)phthalate	13.98	149	910057	50.896	ng	99
85) Di-n-octyl phthalate	14.59	149	1620609	52.380	ng	99
87) Indeno(1,2,3-cd)pyrene	16.89	276	1373232	43.645	ng	99
88) Benzo(b)fluoranthene	15.03	252	1374690	43.024	ng	99
89) Benzo(k)fluoranthene	15.06	252	1165427	39.071	ng	99
90) Benzo(a)pyrene	15.39	252	1184354	42.377	ng	99
91) Dibenzo(a,h)anthracene	16.91	278	1156397	45.081	ng	99
92) Benzo(g,h,i)perylene	17.33	276	1127162	44.552	ng	98

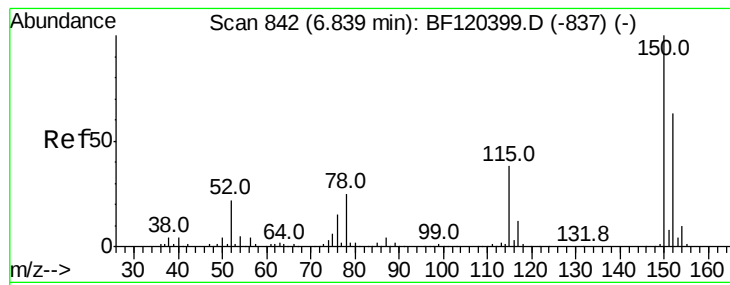
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.84 min Scan# 842

Delta R.T. -0.00 min

Lab File: BF120443.D

Acq: 29 May 2020 17:06

Instrument :

BNA_F

ClientSampleId :

PB129165BS

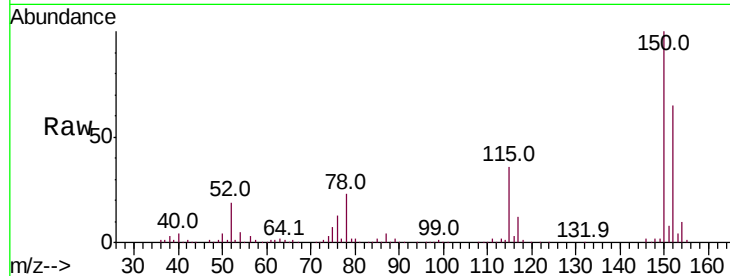
Tot Ion:152 Resp: 276170

Ion Ratio Lower Upper

152 100

150 153.6 126.5 189.7

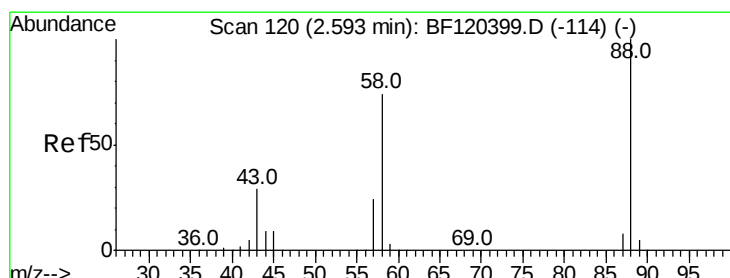
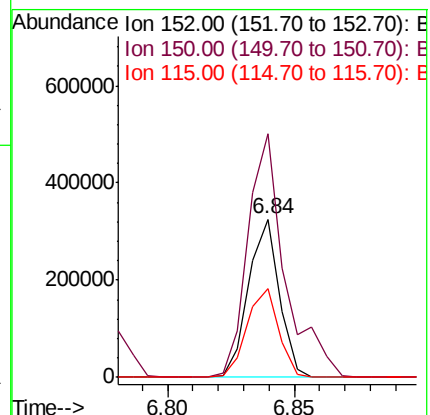
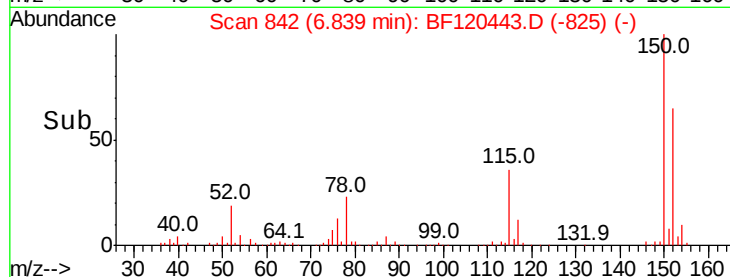
115 55.9 47.6 71.4



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: 38.350 ng

RT: 2.67 min Scan# 134

Delta R.T. 0.06 min

Lab File: BF120443.D

Acq: 29 May 2020 17:06

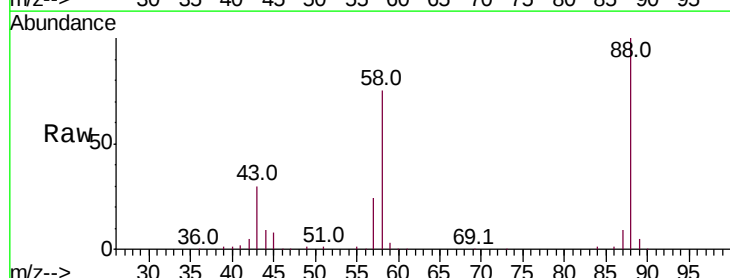
Tgt Ion: 88 Resp: 275297

Ion Ratio Lower Upper

88 100

58 74.5 61.0 91.4

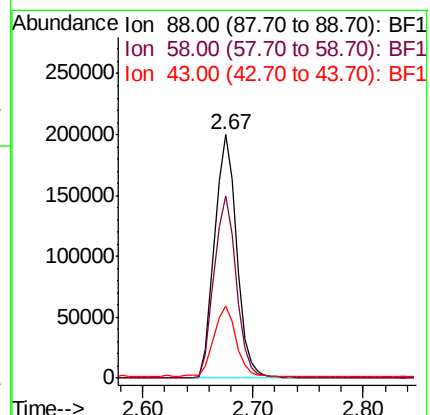
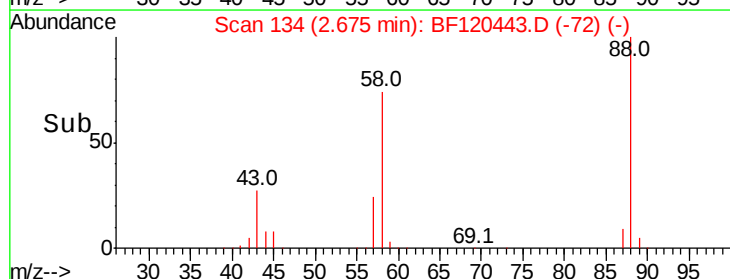
43 29.0 23.6 35.4

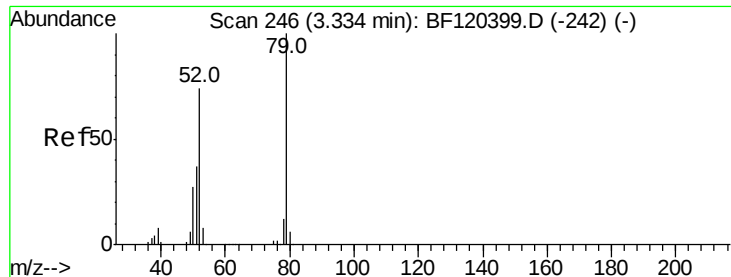


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 32.501 ng

RT: 3.42 min Scan# 261

Delta R.T. 0.06 min

Lab File: BF120443.D

Acq: 29 May 2020 17:06

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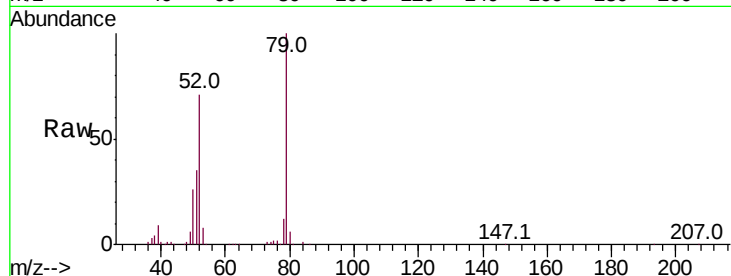
Tot Ion: 79 Resp: 646154

Ion Ratio Lower Upper

79 100

52 70.7 59.2 88.8

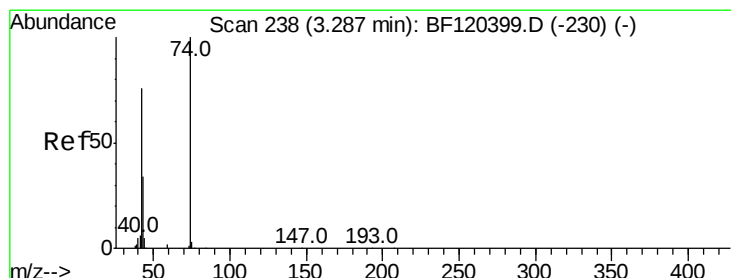
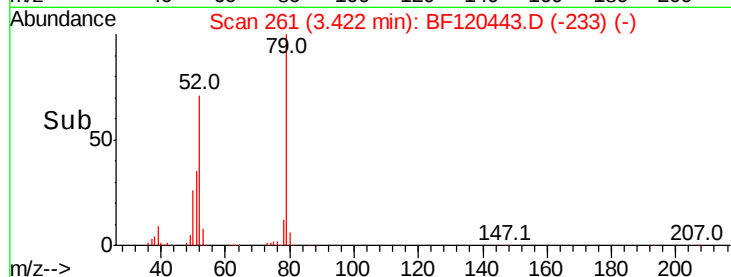
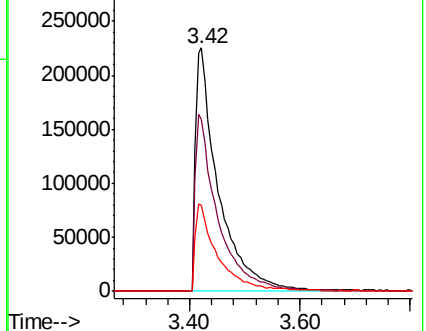
51 35.3 29.4 44.2



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: 40.665 ng

RT: 3.37 min Scan# 252

Delta R.T. 0.06 min

Lab File: BF120443.D

Acq: 29 May 2020 17:06

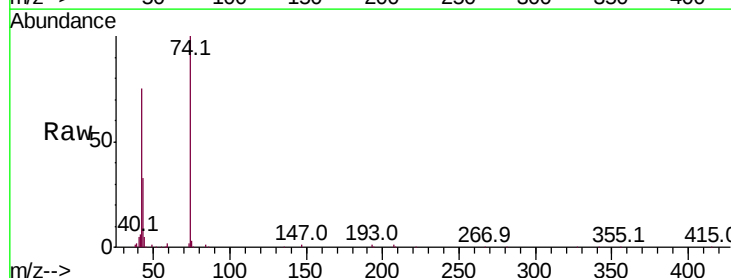
Tgt Ion: 42 Resp: 342134

Ion Ratio Lower Upper

42 100

74 132.7 104.8 157.2

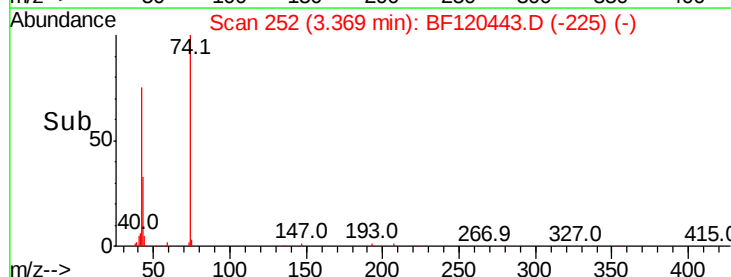
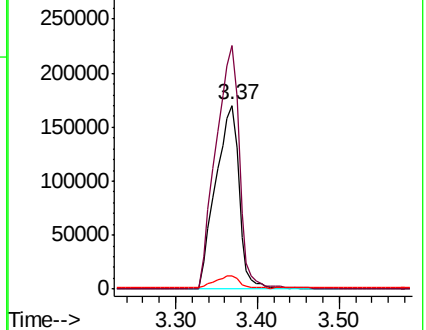
44 7.0 7.0 10.4

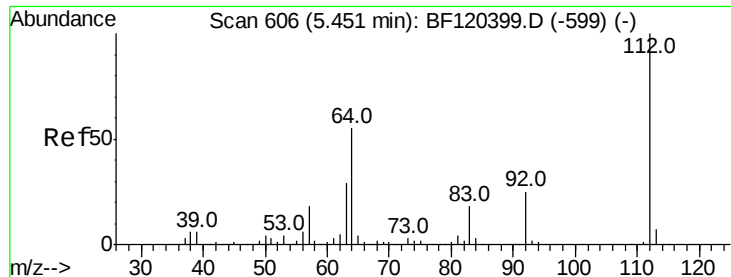


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 115.895 ng

RT: 5.47 min Scan# 609

Delta R.T. 0.02 min

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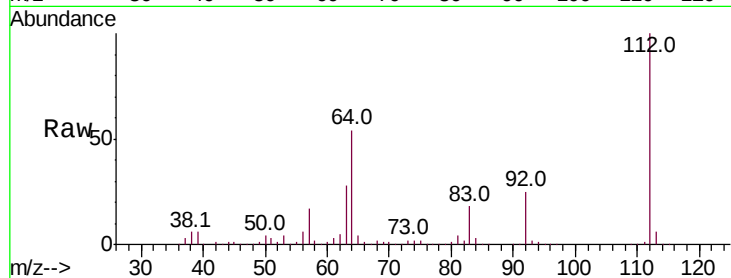
Tot Ion:112 Resp: 1679483

Ion Ratio Lower Upper

112 100

64 53.6 44.3 66.5

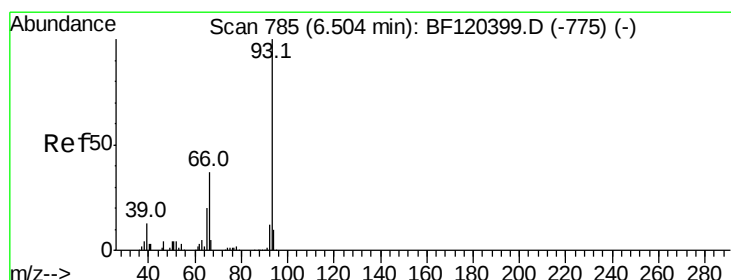
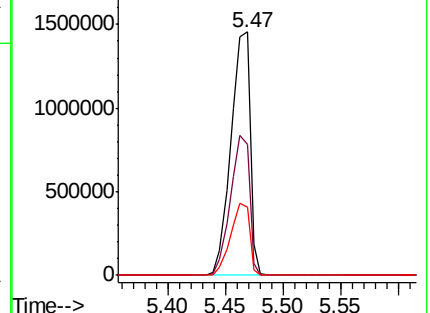
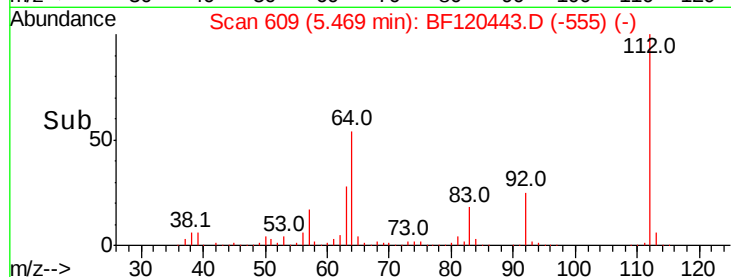
63 28.0 22.9 34.3



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 27.066 ng

RT: 6.50 min Scan# 785

Delta R.T. -0.00 min

Lab File: BF120443.D

Acq: 29 May 2020 17:06

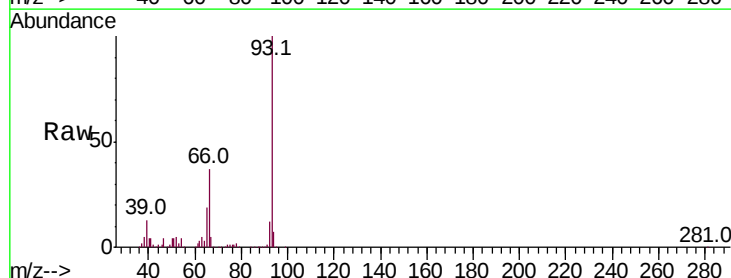
Tgt Ion: 93 Resp: 674100

Ion Ratio Lower Upper

93 100

66 36.8 30.4 45.6

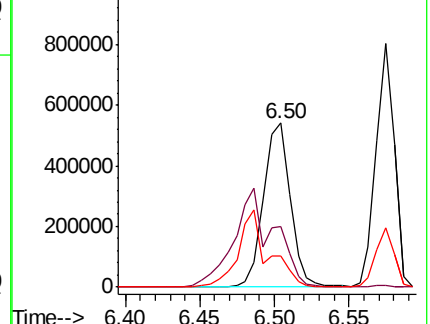
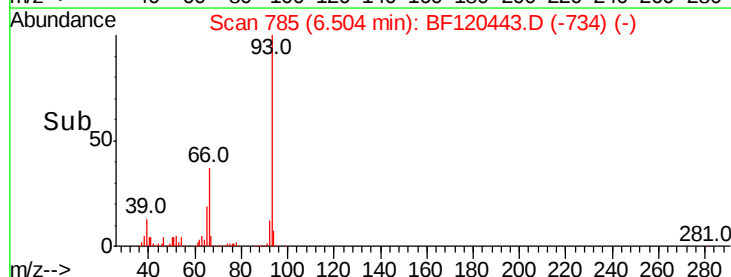
65 19.1 16.3 24.5

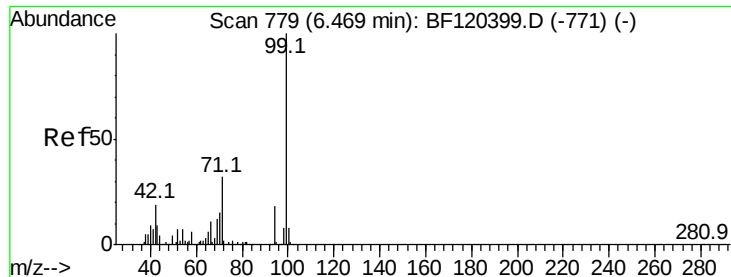


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 116.629 ng

RT: 6.47 min Scan# 780

Delta R.T. 0.01 min

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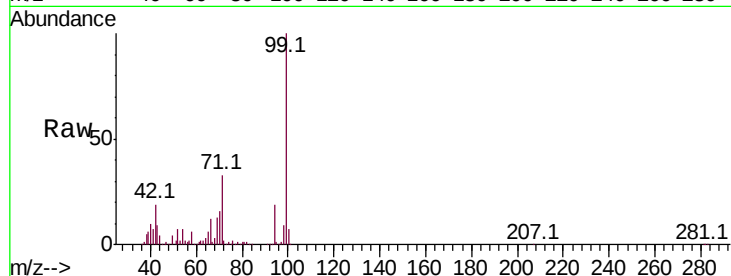
Tot Ion: 99 Resp: 2083186

Ion Ratio Lower Upper

99 100

42 18.8 15.2 22.8

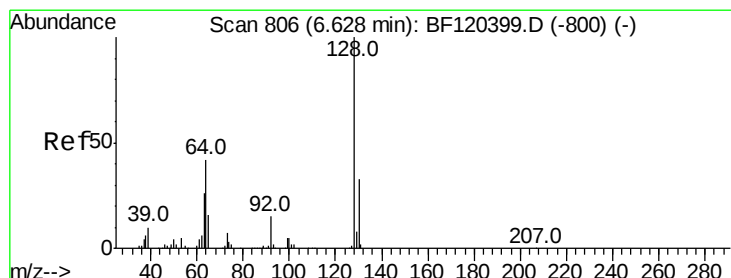
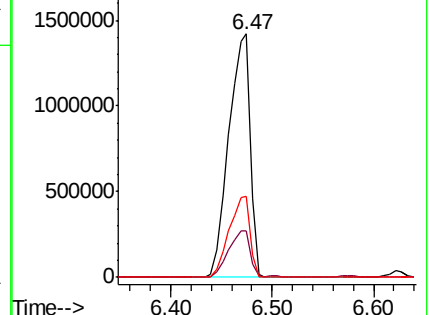
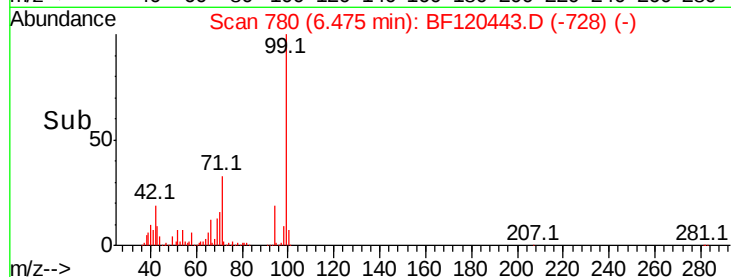
71 33.2 25.6 38.4



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: 44.265 ng

RT: 6.62 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF120443.D

Acq: 29 May 2020 17:06

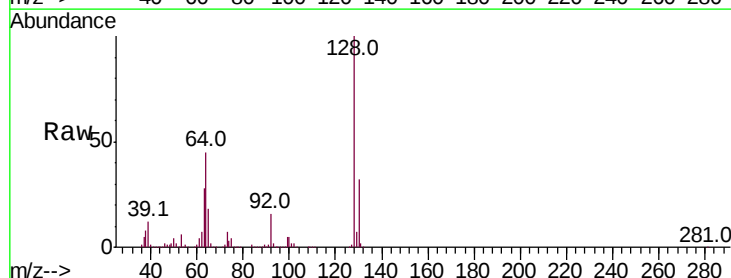
Tgt Ion:128 Resp: 723294

Ion Ratio Lower Upper

128 100

130 32.4 12.9 52.9

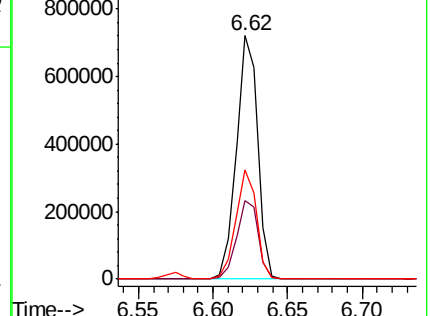
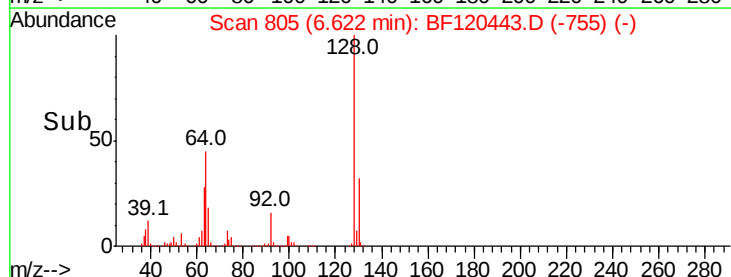
64 45.0 23.2 63.2

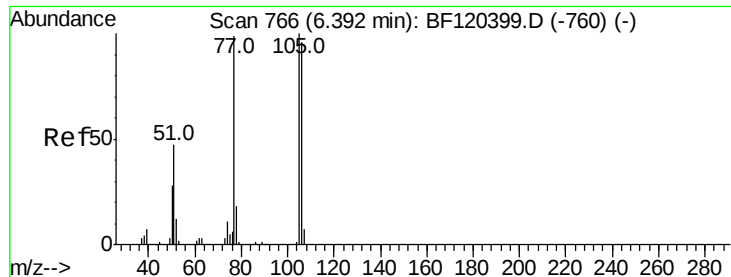


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 37.629 ng

RT: 6.39 min Scan# 765

Delta R.T. -0.00 min

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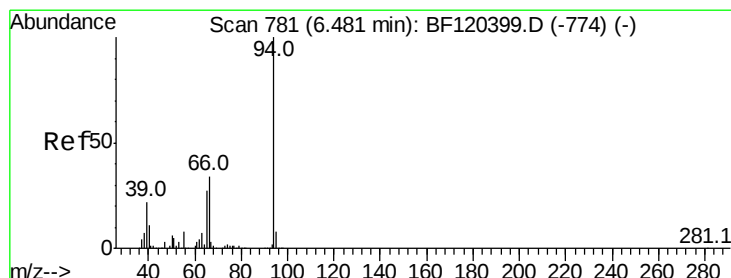
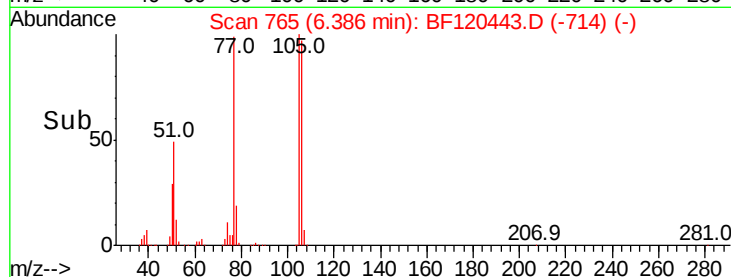
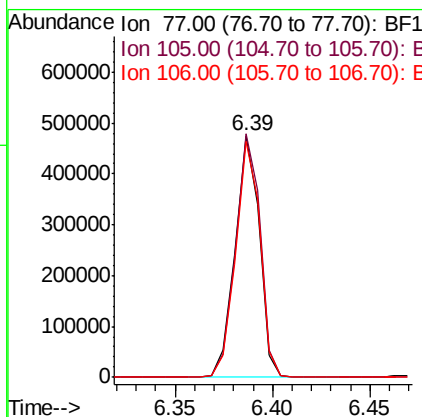
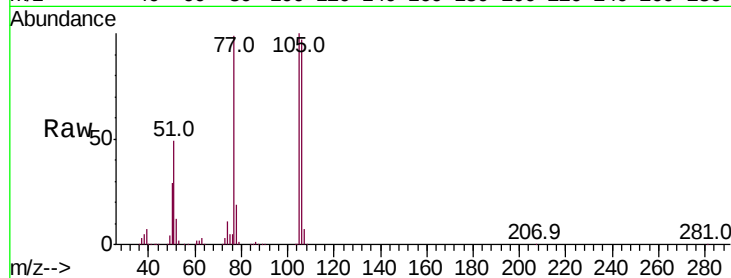
Tot Ion: 77 Resp: 409637

Ion Ratio Lower Upper

77 100

105 101.0 81.5 121.5

106 97.6 77.4 117.4



#10

Phenol

Concen: 42.412 ng

RT: 6.49 min Scan# 782

Delta R.T. 0.01 min

Lab File: BF120443.D

Acq: 29 May 2020 17:06

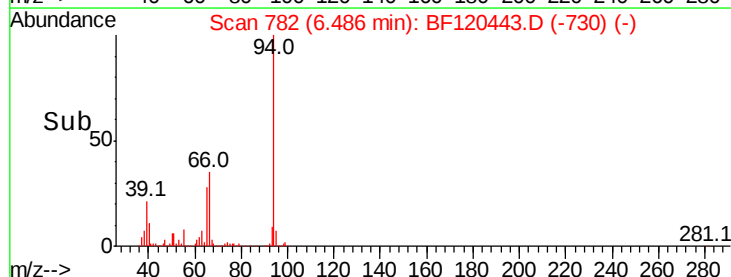
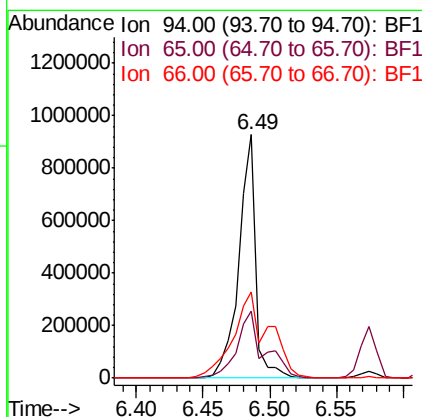
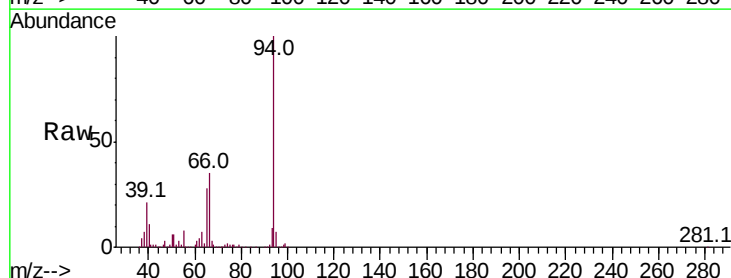
Tgt Ion: 94 Resp: 828422

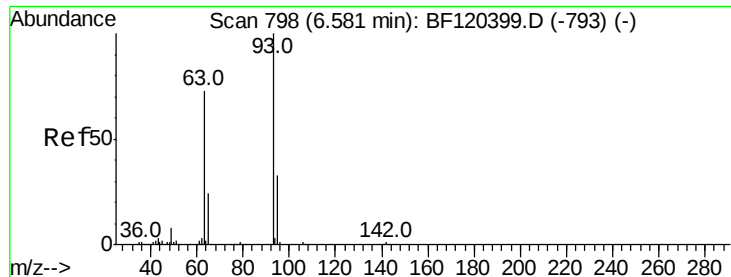
Ion Ratio Lower Upper

94 100

65 27.6 6.8 46.8

66 35.2 13.9 53.9





#11

bis(2-Chloroethyl)ether

Concen: 41.696 ng

RT: 6.57 min Scan# 797

Delta R.T. -0.00 min

Lab File: BF120443.D

Acq: 29 May 2020 17:06

Instrument :

BNA_F

ClientSampleId :

PB129165BS

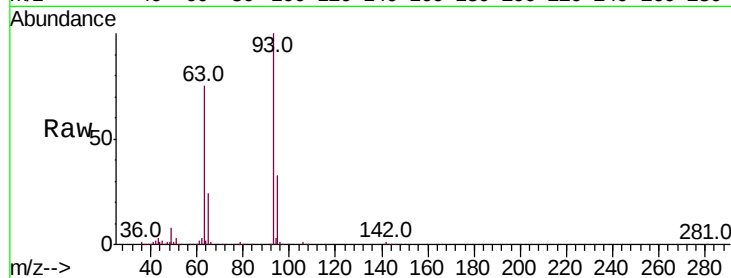
Tot Ion: 93 Resp: 680573

Ion Ratio Lower Upper

93 100

63 74.9 52.8 92.8

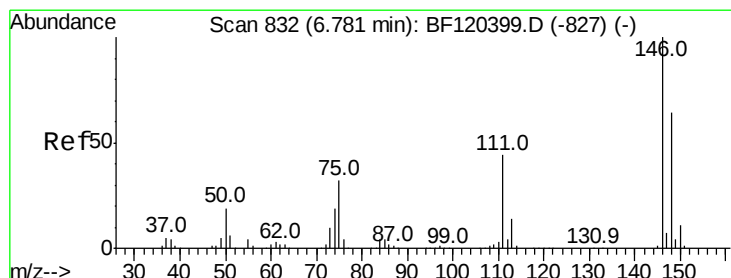
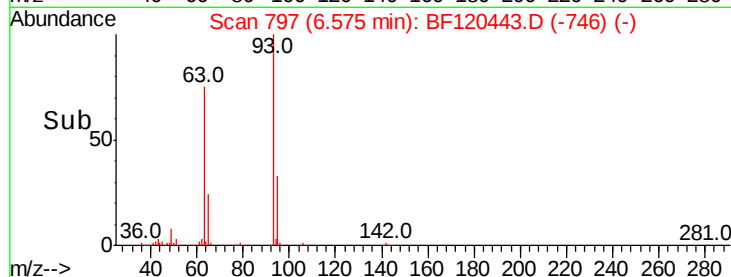
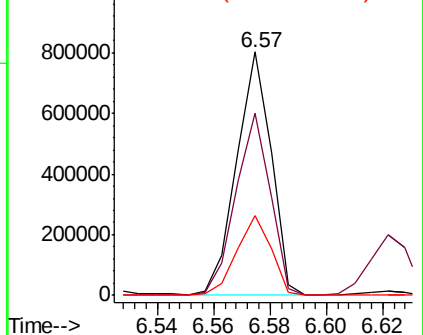
95 32.9 12.6 52.6



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 40.896 ng

RT: 6.78 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF120443.D

Acq: 29 May 2020 17:06

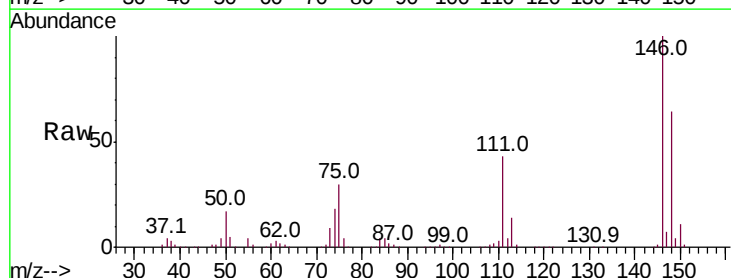
Tgt Ion: 146 Resp: 734153

Ion Ratio Lower Upper

146 100

148 63.9 51.2 76.8

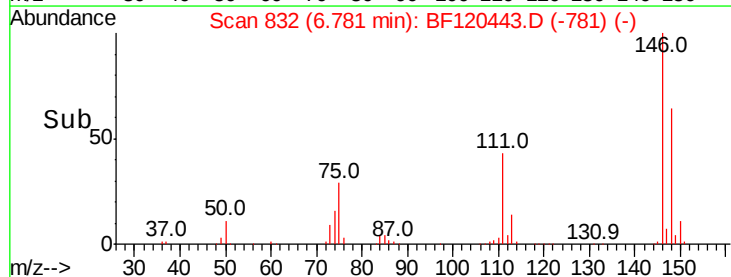
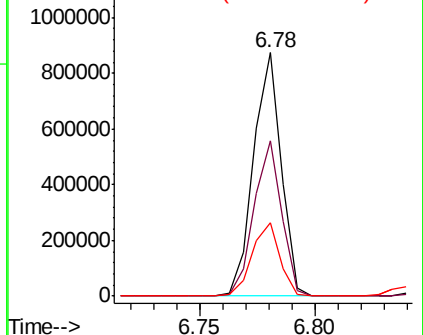
75 30.3 25.9 38.9

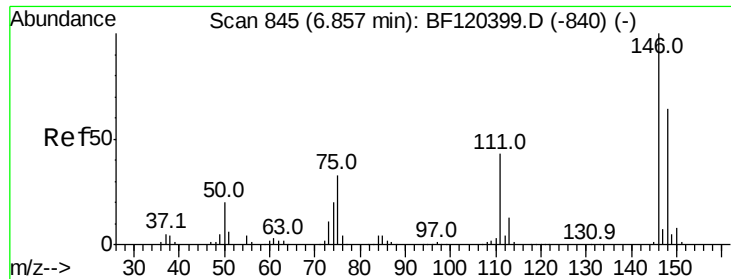


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

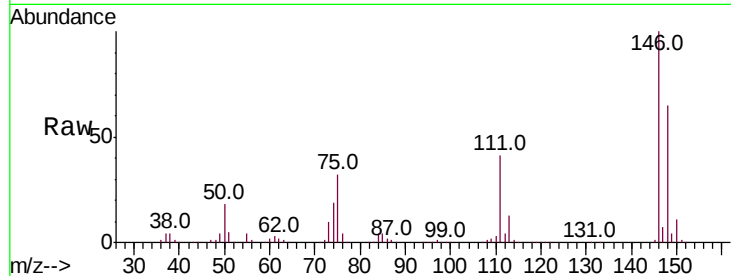




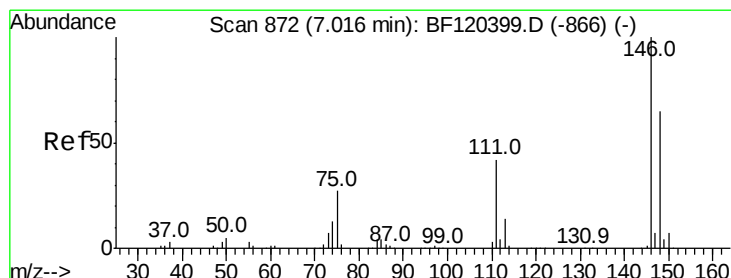
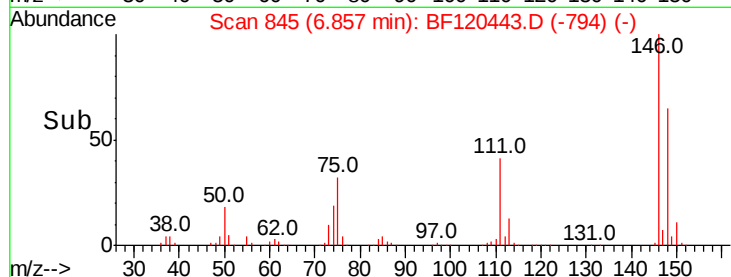
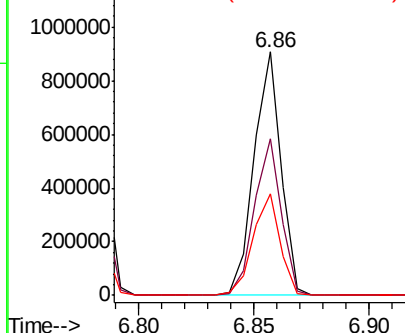
#13
 1,4-Dichlorobenzene
 Concen: 41.368 ng
 RT: 6.86 min Scan# 845
 Delta R.T. -0.00 min
 Lab File: BF120443.D
 Acq: 29 May 2020 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB129165BS

Tot Ion:146 Resp: 740925
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.4 77.0
 111 41.5 34.2 51.4

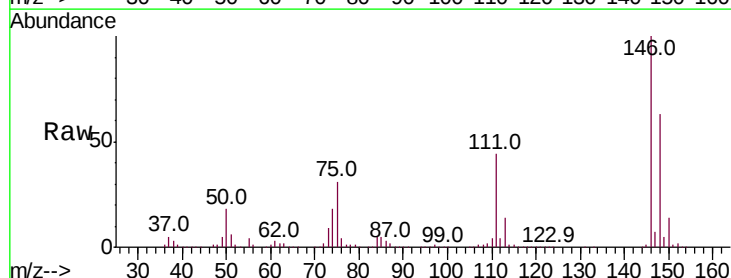


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

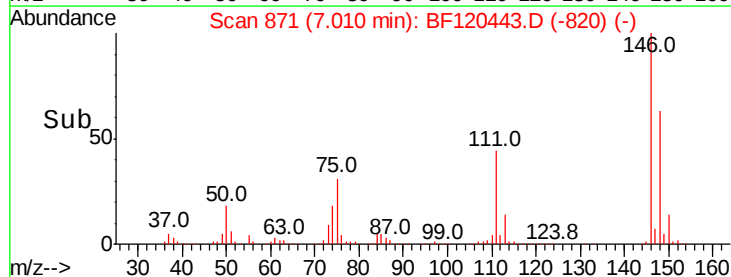
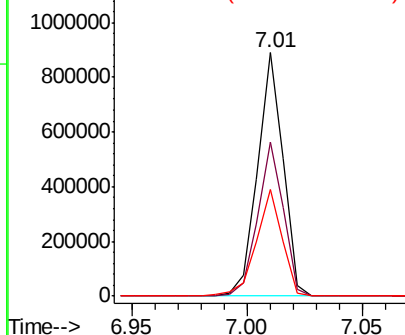


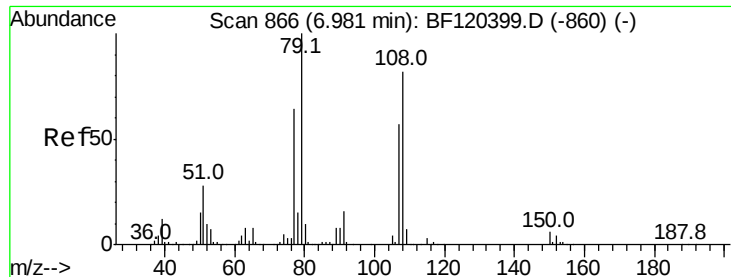
#14
 1,2-Dichlorobenzene
 Concen: 41.460 ng
 RT: 7.01 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: BF120443.D
 Acq: 29 May 2020 17:06

Tgt Ion:146 Resp: 685877
 Ion Ratio Lower Upper
 146 100
 148 63.5 52.3 78.5
 111 44.0 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: 42.805 ng

RT: 6.98 min Scan# 866

Delta R.T. -0.00 min

Lab File: BF120443.D

Acq: 29 May 2020 17:06

Instrument :

BNA_F

ClientSampleId :

PB129165BS

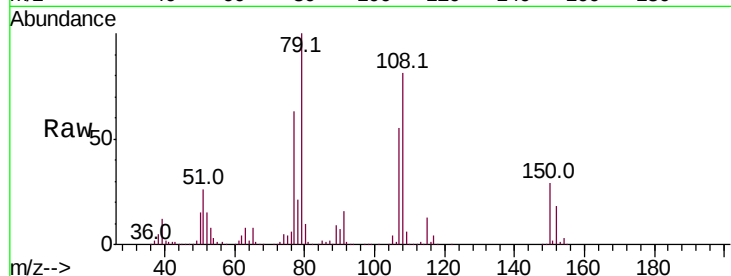
Tot Ion: 79 Resp: 576343

Ion Ratio Lower Upper

79 100

108 81.0 65.8 98.8

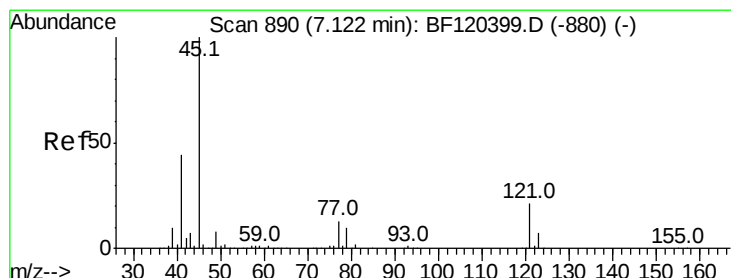
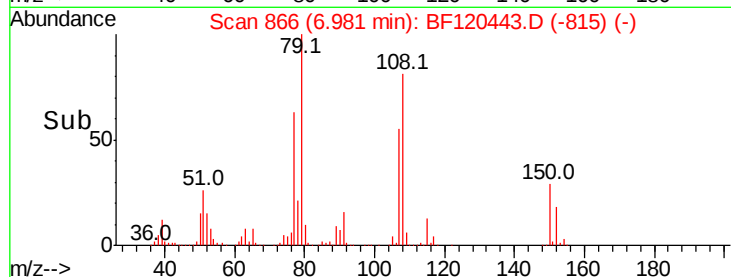
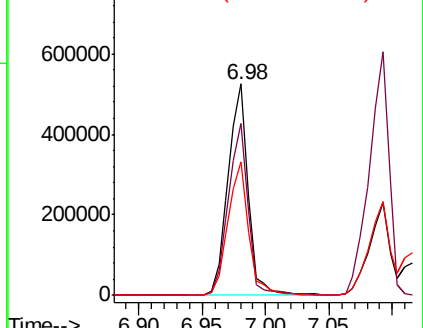
77 62.9 51.5 77.3



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: 39.794 ng

RT: 7.12 min Scan# 889

Delta R.T. -0.00 min

Lab File: BF120443.D

Acq: 29 May 2020 17:06

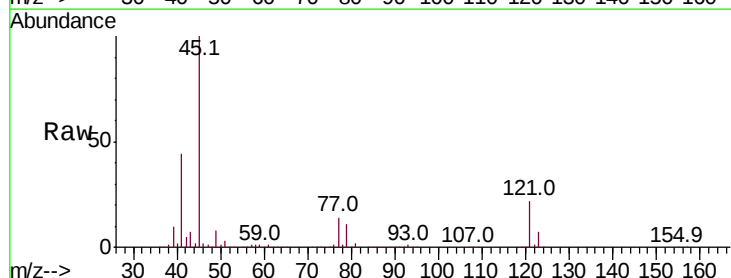
Tgt Ion: 45 Resp: 1023993

Ion Ratio Lower Upper

45 100

77 13.8 0.0 33.5

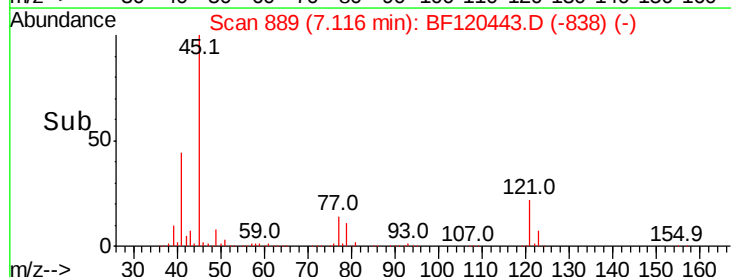
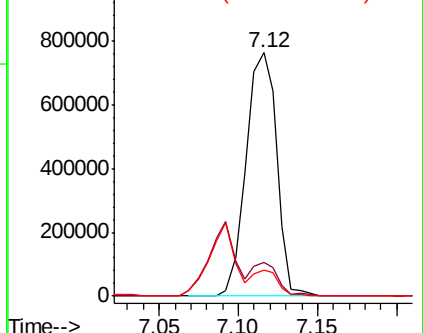
79 10.7 0.0 30.3

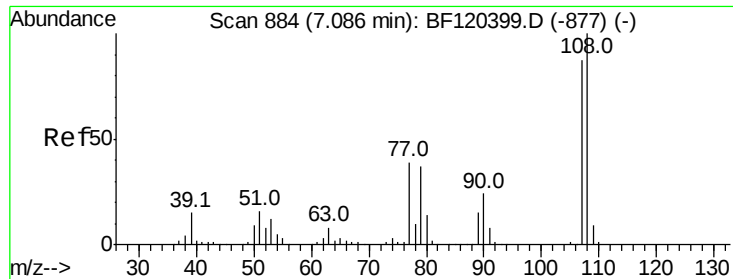


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 38.861 ng

RT: 7.09 min Scan# 885

Delta R.T. -0.00 min

Lab File: BF120443.D

Acq: 29 May 2020 17:06

Instrument :

BNA_F

ClientSampleId :

PB129165BS

Tot Ion:107 Resp: 567814

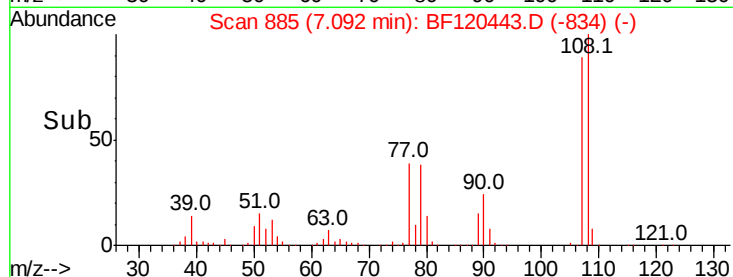
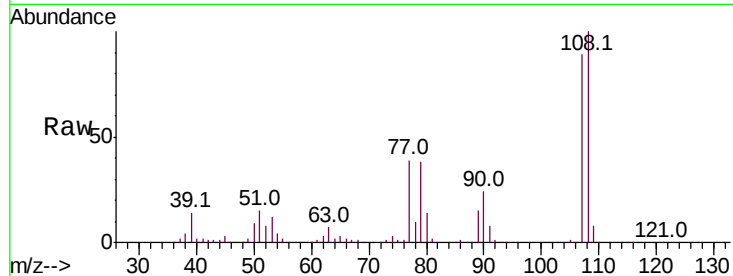
Ion Ratio Lower Upper

107 100

108 112.9 92.3 138.5

77 43.5 35.7 53.5

79 42.6 34.1 51.1

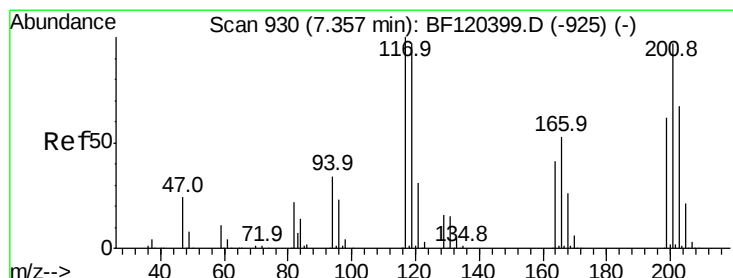
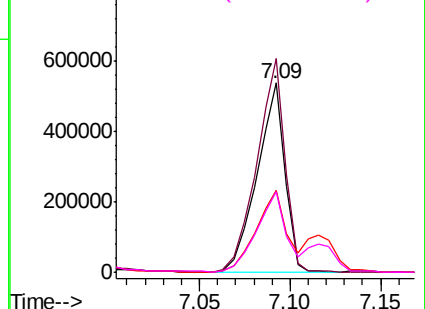


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.978 ng

RT: 7.35 min Scan# 929

Delta R.T. -0.00 min

Lab File: BF120443.D

Acq: 29 May 2020 17:06

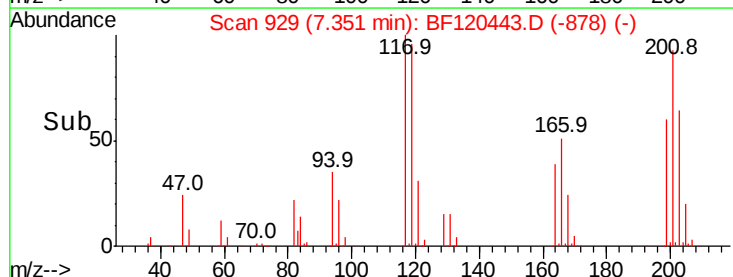
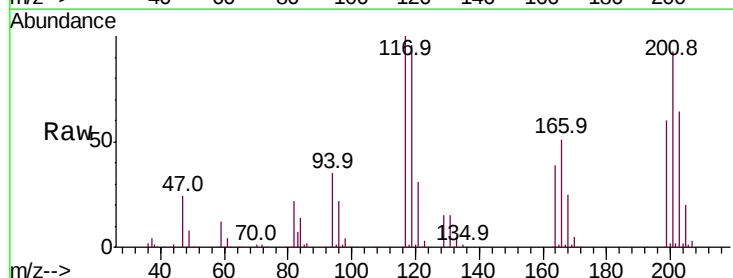
Tgt Ion:117 Resp: 268661

Ion Ratio Lower Upper

117 100

119 96.0 77.4 116.2

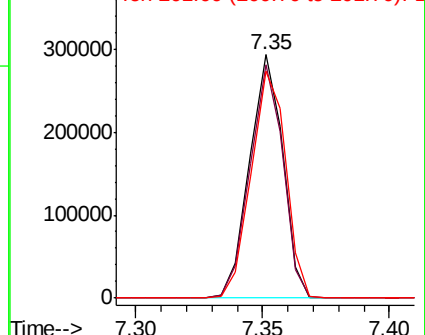
201 93.2 77.7 116.5

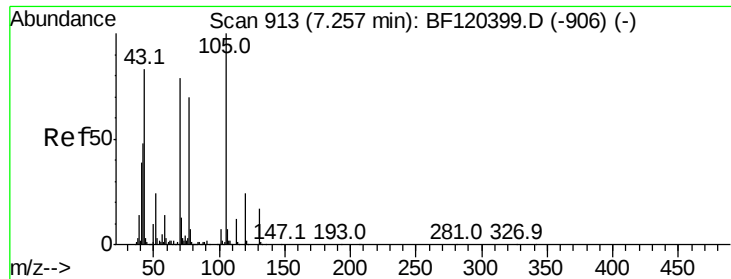


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

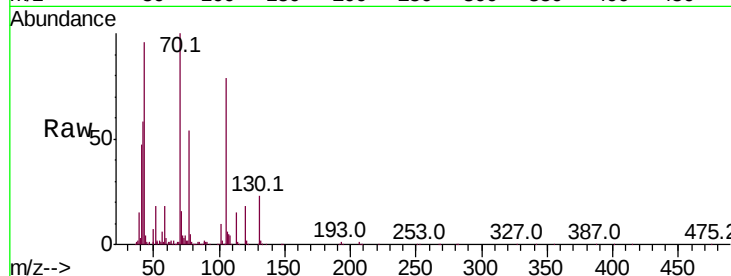




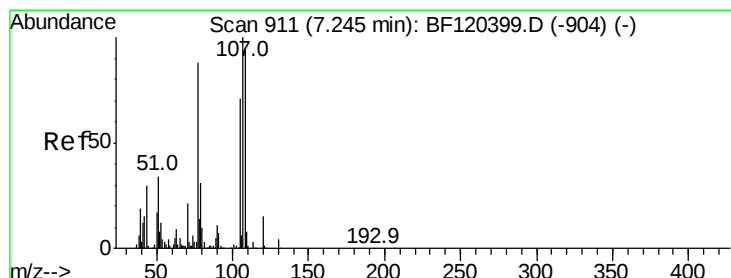
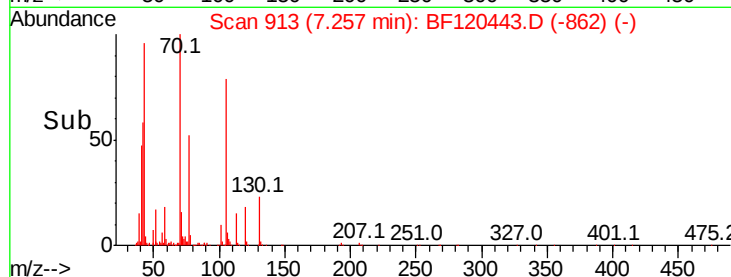
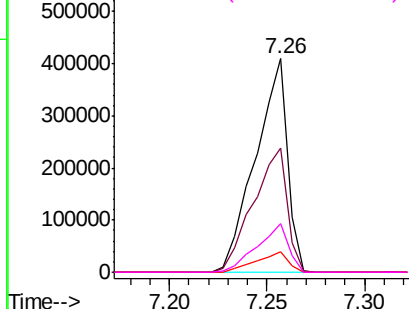
#19
n-Nitroso-di-n-propylamine
Concen: 41.041 ng
RT: 7.26 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF120443.D
Acq: 29 May 2020 17:06

Instrument :
BNA_F
ClientSampleId :
PB129165BS

Tot Ion: 70 Resp: 465982
Ion Ratio Lower Upper
70 100
42 58.1 48.9 73.3
101 9.6 7.4 11.2
130 22.7 16.8 25.2

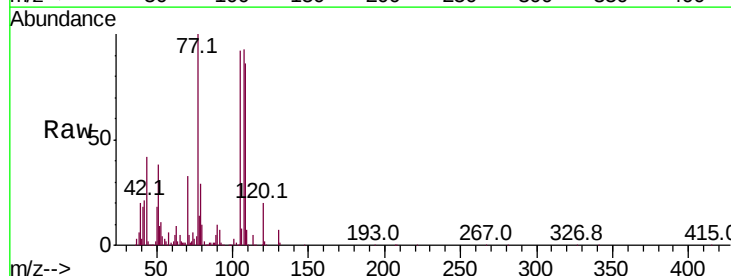


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

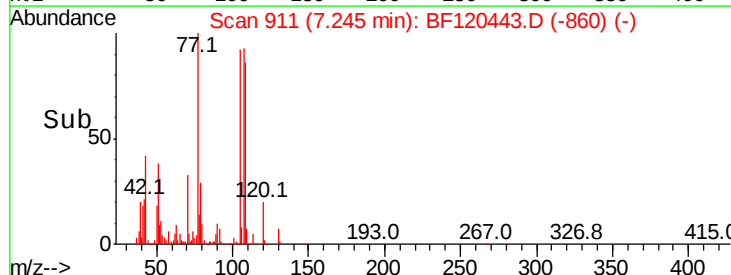
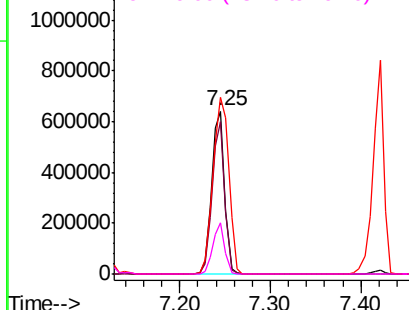


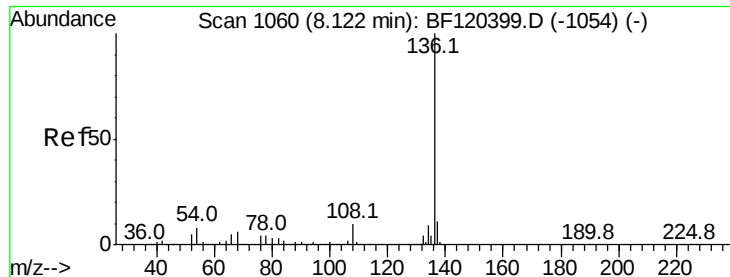
#20
3+4-Methylphenols
Concen: 34.860 ng
RT: 7.25 min Scan# 911
Delta R.T. -0.00 min
Lab File: BF120443.D
Acq: 29 May 2020 17:06

Tgt Ion:107 Resp: 643480
Ion Ratio Lower Upper
107 100
108 93.2 74.4 114.4
77 108.0 67.6 107.6#
79 31.1 10.6 50.6



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

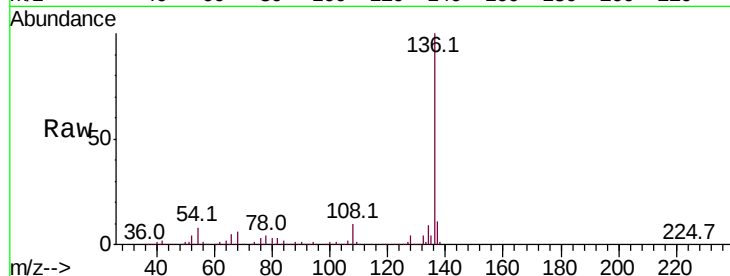




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BF120443.D
Acq: 29 May 2020 17:06

Instrument :
BNA_F
ClientSampleId :
PB129165BS

Tot Ion:136	Resp: 1038564
Ion Ratio	Lower Upper
136 100	
137 11.0	9.1 13.7
54 7.7	6.7 10.1
68 6.0	5.0 7.4



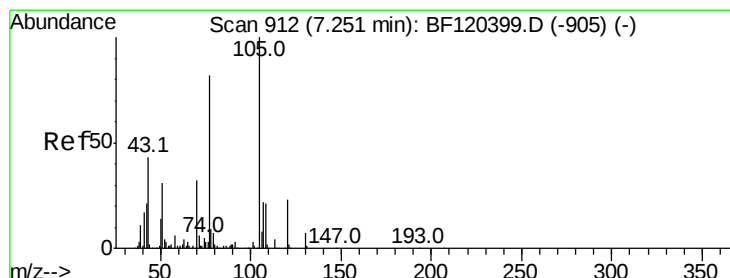
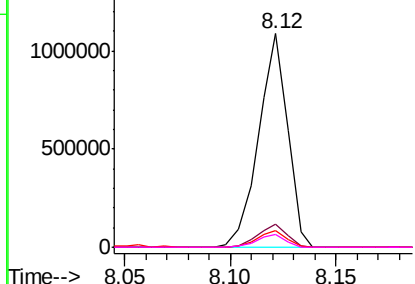
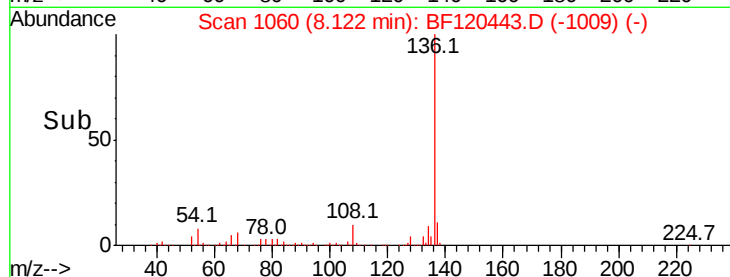
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

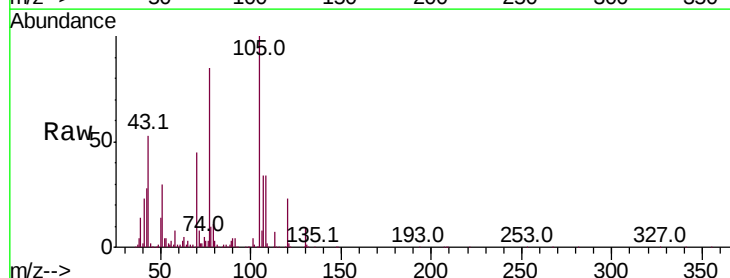
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 41.080 ng
RT: 7.25 min Scan# 912
Delta R.T. -0.00 min
Lab File: BF120443.D
Acq: 29 May 2020 17:06

Tgt	Ion:105	Resp:	866493
Ion	Ratio	Lower	Upper
105	100		
71	7.8	4.4	6.6#
51	30.0	24.5	36.7
120	22.7	18.2	27.2



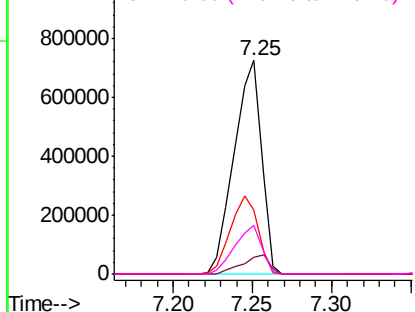
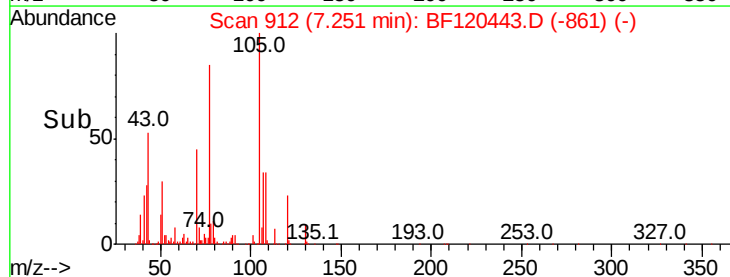
Abundance

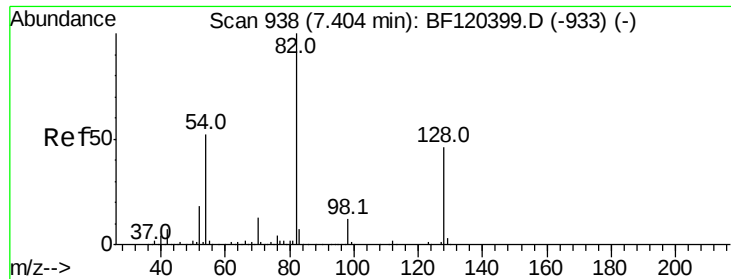
Ion 105.00 (104.70 to 105.70): E

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

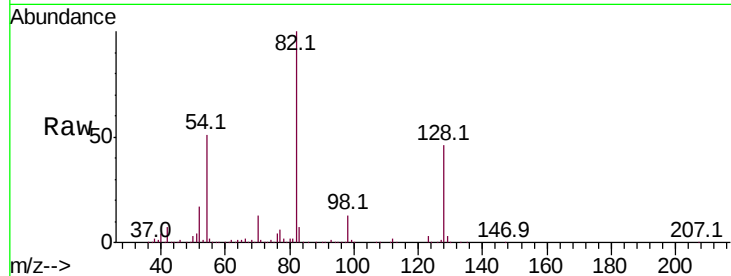




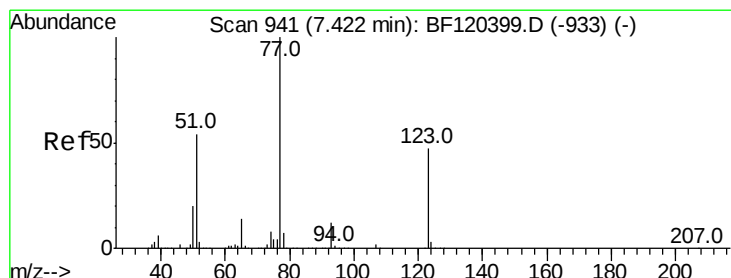
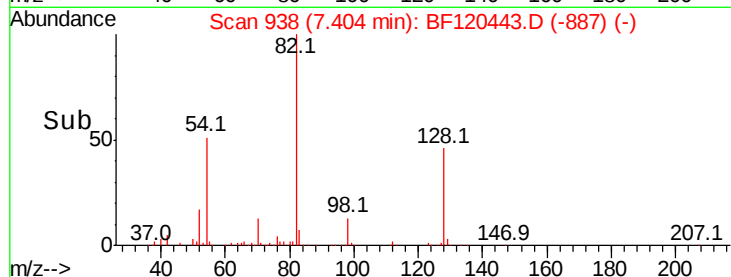
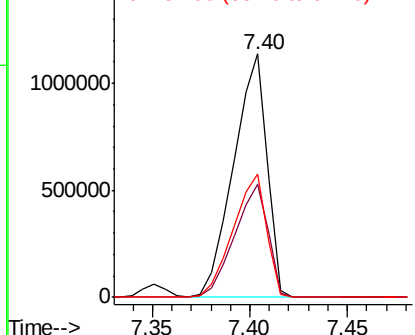
#23
 Nitrobenzene-d5
 Concen: 84.684 ng
 RT: 7.40 min Scan# 938
 Delta R.T. -0.00 min
 Lab File: BF120443.D
 Acq: 29 May 2020 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB129165BS

Tot Ion: 82 Resp: 1344526
 Ion Ratio Lower Upper
 82 100
 128 46.2 36.8 55.2
 54 50.9 41.6 62.4

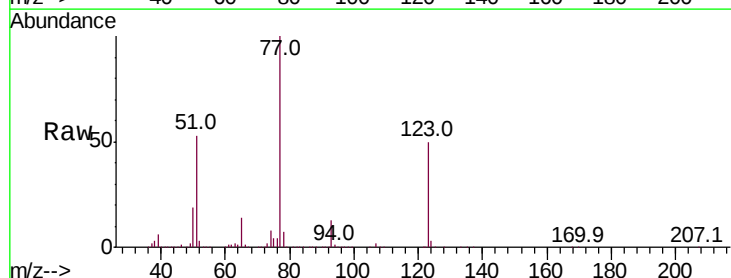


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

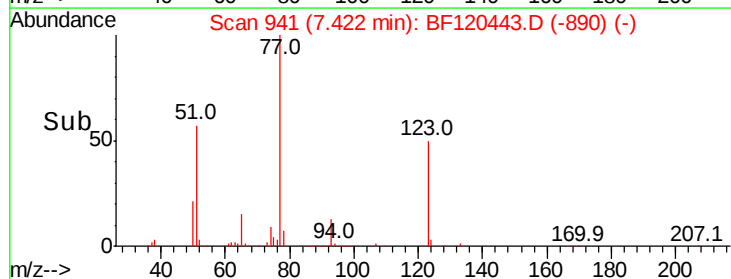
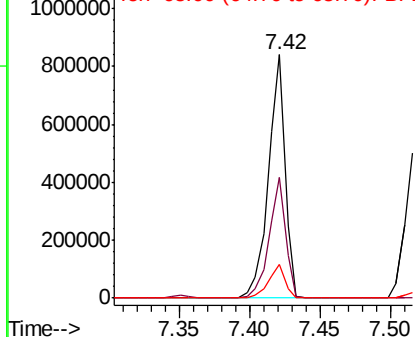


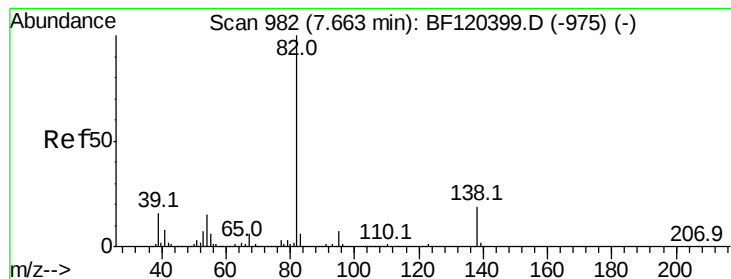
#24
 Nitrobenzene
 Concen: 41.155 ng
 RT: 7.42 min Scan# 941
 Delta R.T. -0.00 min
 Lab File: BF120443.D
 Acq: 29 May 2020 17:06

Tgt Ion: 77 Resp: 703867
 Ion Ratio Lower Upper
 77 100
 123 49.7 37.8 56.6
 65 13.7 11.3 16.9



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





#25

Isophorone

Concen: 41.053 ng

RT: 7.66 min Scan# 982

Delta R.T. -0.00 min

Lab File: BF120443.D

Acq: 29 May 2020 17:06

Instrument :

BNA_F

ClientSampleId :

PB129165BS

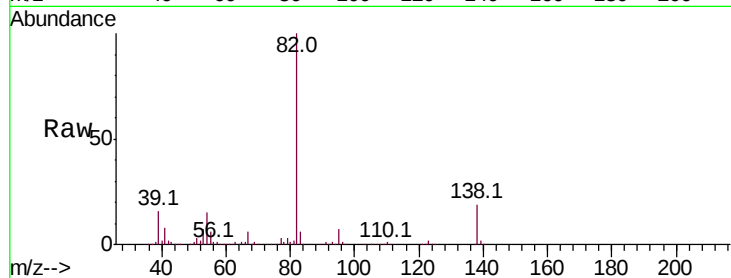
Tot Ion: 82 Resp: 1310040

Ion Ratio Lower Upper

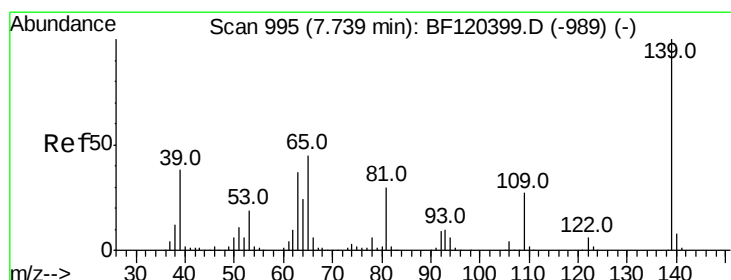
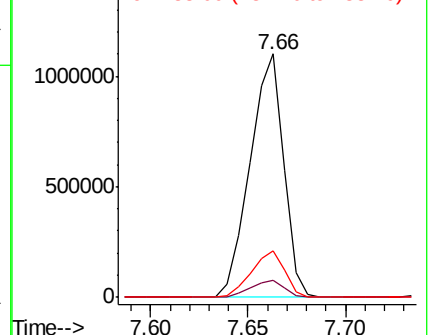
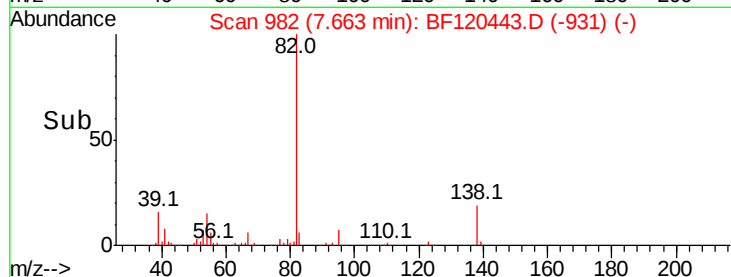
82 100

95 7.1 5.6 8.4

138 19.1 15.0 22.4



Abundance Ion 82.00 (81.70 to 82.70): BF1
1500000
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 46.278 ng

RT: 7.73 min Scan# 994

Delta R.T. -0.01 min

Lab File: BF120443.D

Acq: 29 May 2020 17:06

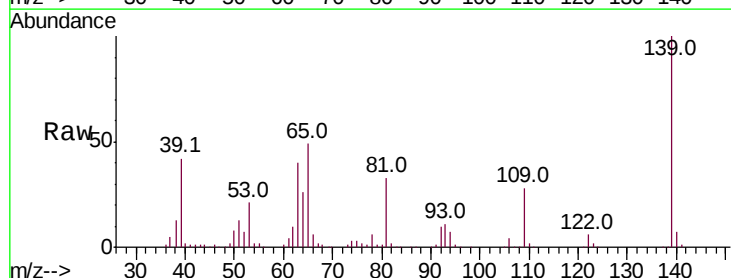
Tgt Ion:139 Resp: 356858

Ion Ratio Lower Upper

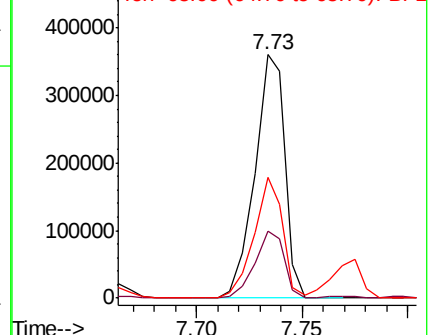
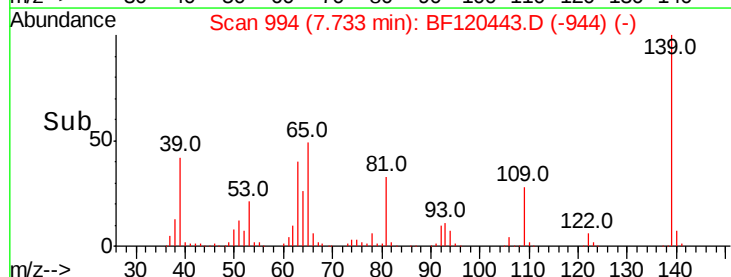
139 100

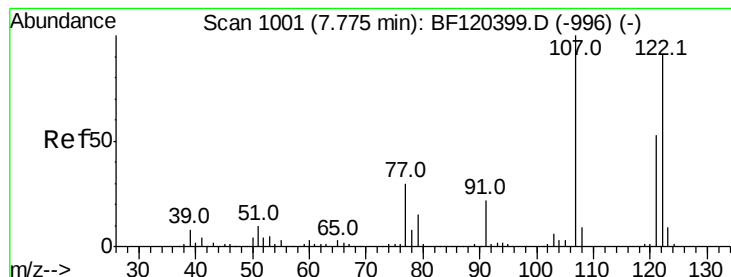
109 27.6 21.2 31.8

65 49.5 35.8 53.6



Abundance Ion 139.00 (138.70 to 139.70): E
500000
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 45.807 ng

RT: 7.77 min Scan# 1001

Delta R.T. -0.00 min

Lab File: BF120443.D

Acq: 29 May 2020 17:06

Instrument :

BNA_F

ClientSampleId :

PB129165BS

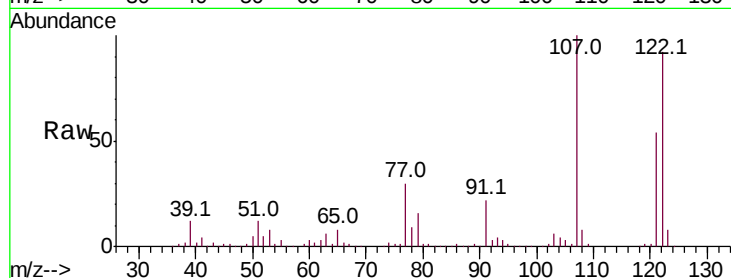
Tot Ion:122 Resp: 613416

Ion Ratio Lower Upper

122 100

107 109.0 87.3 130.9

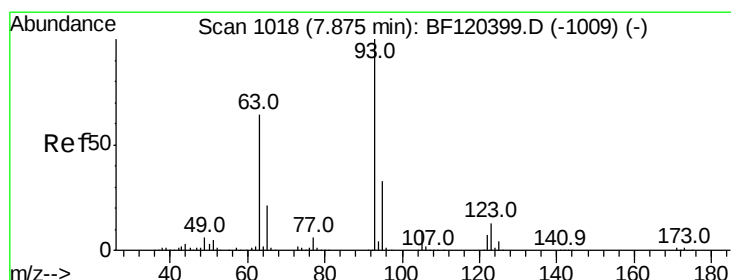
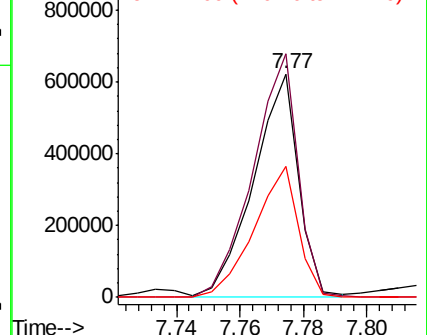
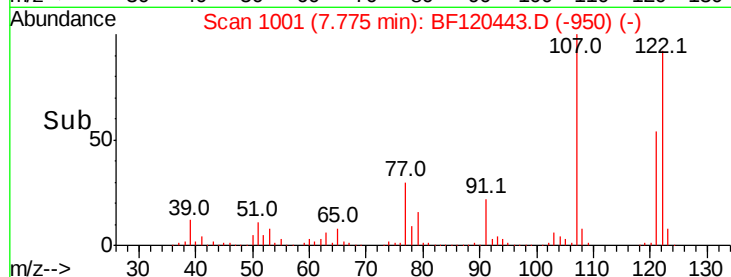
121 58.5 46.2 69.2



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: 43.530 ng

RT: 7.87 min Scan# 1017

Delta R.T. -0.00 min

Lab File: BF120443.D

Acq: 29 May 2020 17:06

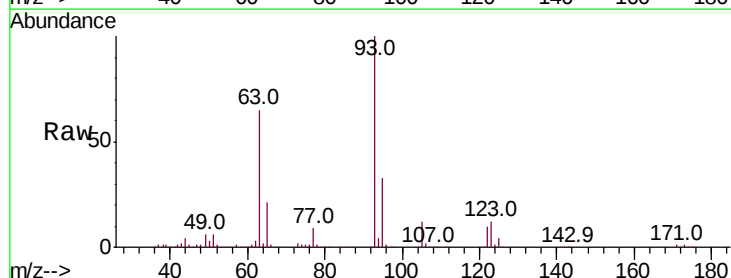
Tgt Ion: 93 Resp: 836515

Ion Ratio Lower Upper

93 100

95 32.9 26.6 39.8

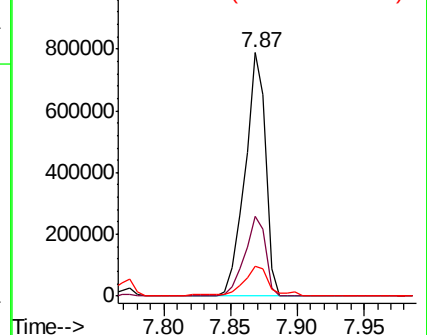
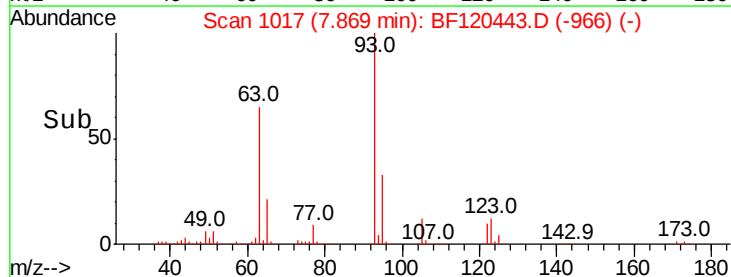
123 12.1 10.3 15.5

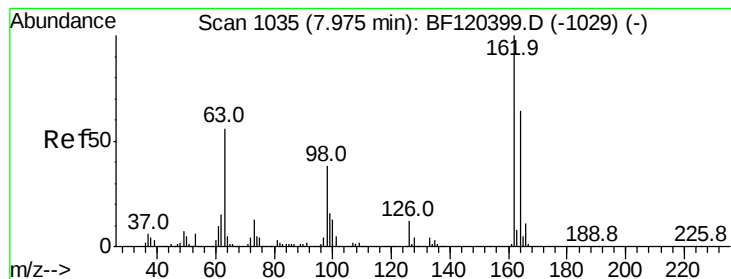


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 43.147 ng

RT: 7.97 min Scan# 1035

Delta R.T. -0.00 min

Lab File: BF120443.D

Acq: 29 May 2020 17:06

Instrument :

BNA_F

ClientSampleId :

PB129165BS

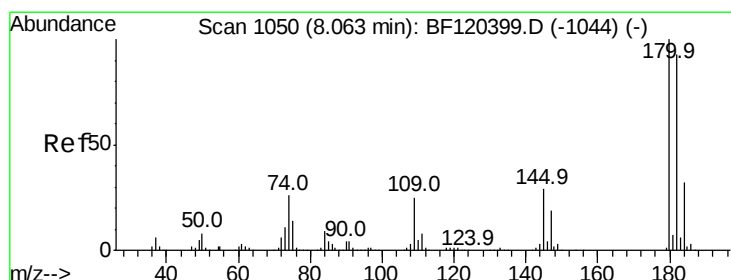
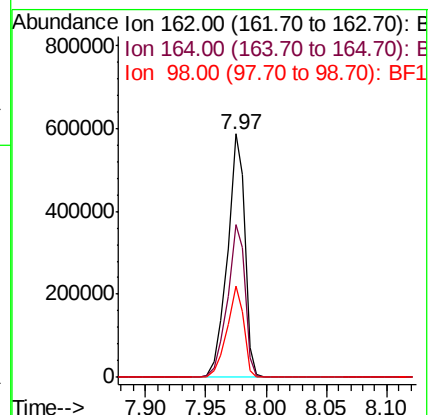
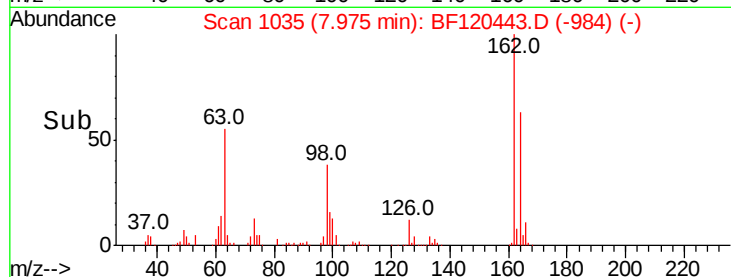
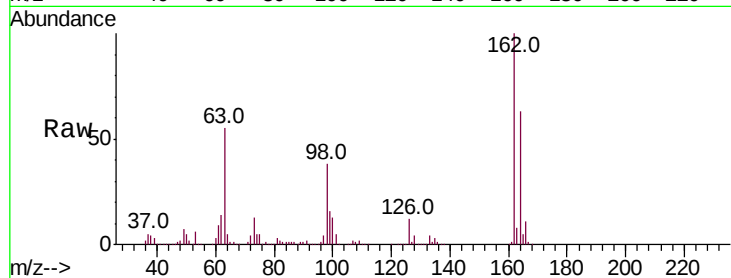
Tot Ion:162 Resp: 583605

Ion Ratio Lower Upper

162 100

164 62.6 43.9 83.9

98 37.5 17.8 57.8



#30

1,2,4-Trichlorobenzene

Concen: 42.607 ng

RT: 8.06 min Scan# 1050

Delta R.T. -0.00 min

Lab File: BF120443.D

Acq: 29 May 2020 17:06

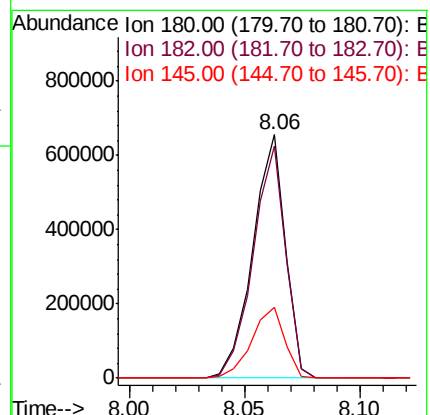
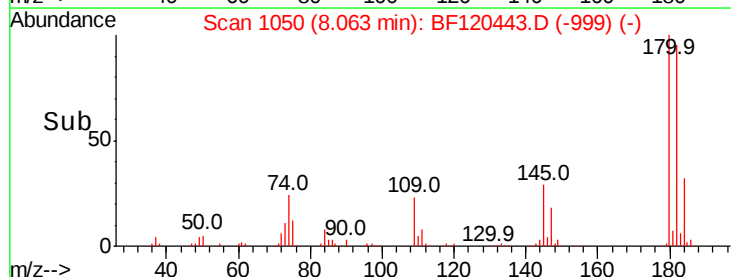
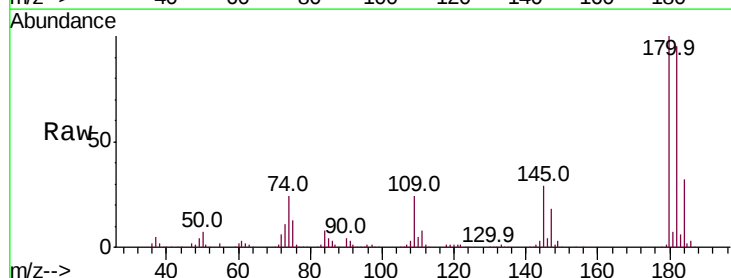
Tgt Ion:180 Resp: 646730

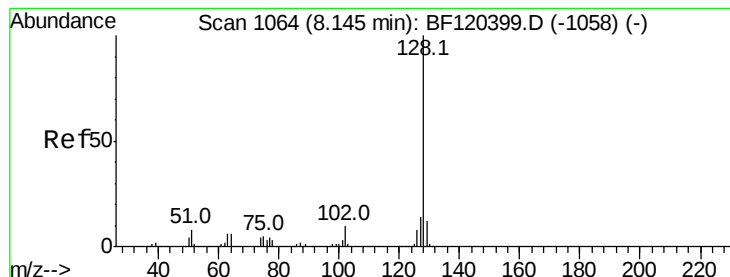
Ion Ratio Lower Upper

180 100

182 95.3 74.6 111.8

145 29.2 23.4 35.2





#31

Naphthalene

Concen: 42.264 ng

RT: 8.15 min Scan# 1064

Delta R.T. -0.00 min

Lab File: BF120443.D

Acq: 29 May 2020 17:06

Instrument :

BNA_F

ClientSampleId :

PB129165BS

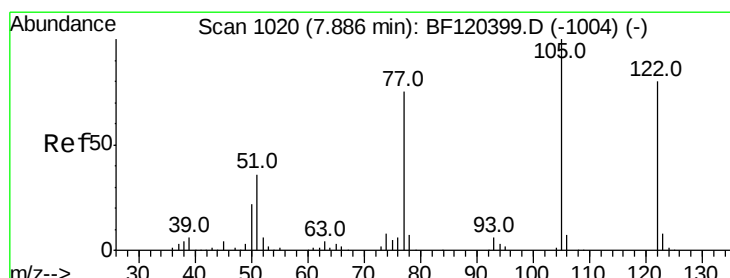
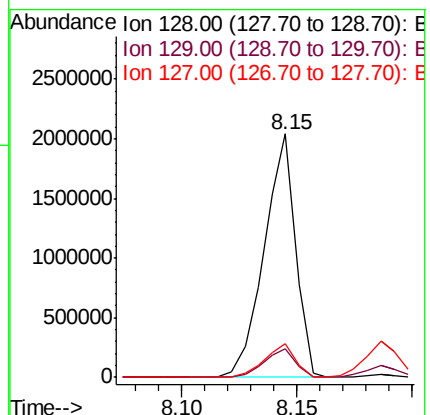
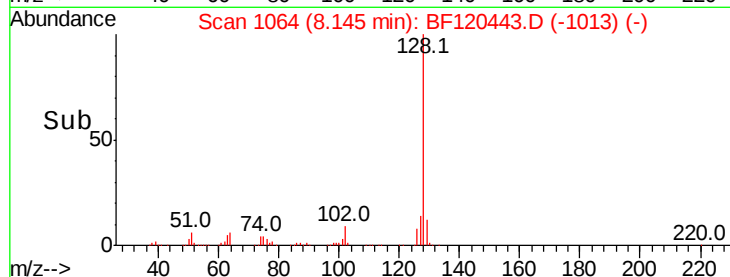
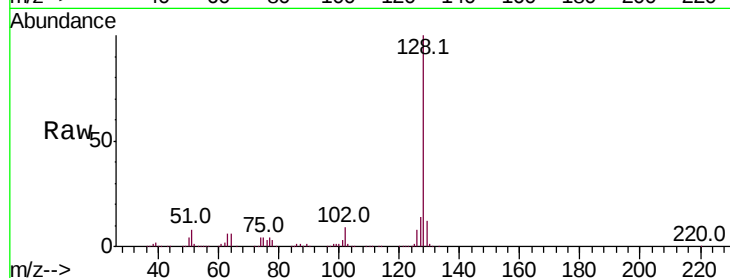
Tot Ion:128 Resp: 1927749

Ion Ratio Lower Upper

128 100

129 11.6 9.7 14.5

127 13.8 11.0 16.6



#32

Benzoic acid

Concen: 44.347 ng

RT: 7.90 min Scan# 1022

Delta R.T. 0.01 min

Lab File: BF120443.D

Acq: 29 May 2020 17:06

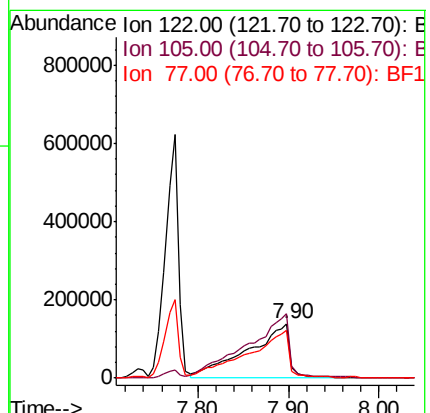
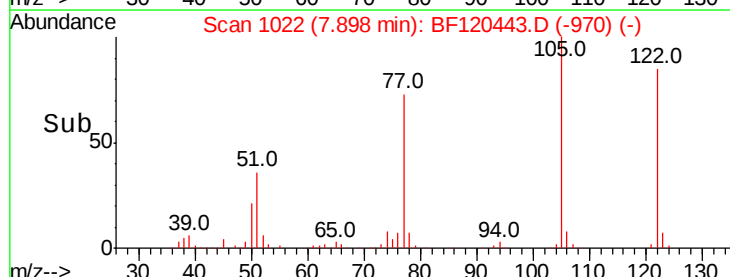
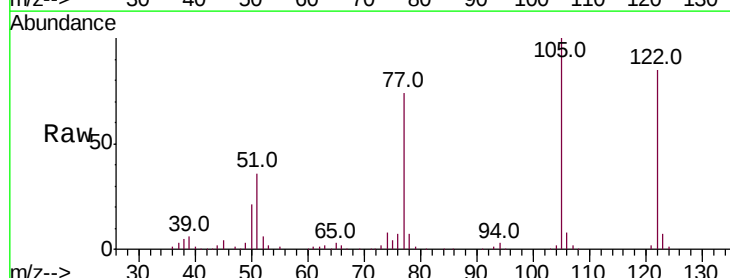
Tgt Ion:122 Resp: 440699

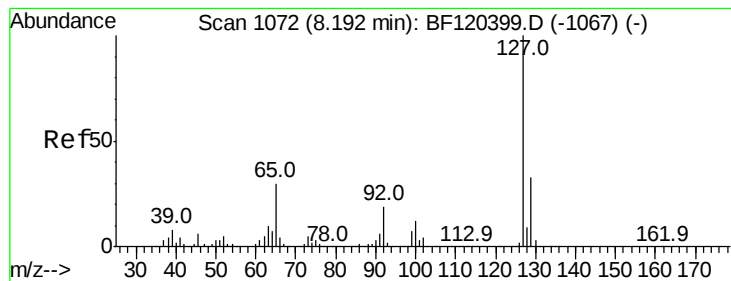
Ion Ratio Lower Upper

122 100

105 118.3 101.1 141.1

77 87.3 71.9 111.9





#33

4-Chloroaniline

Concen: 16.161 ng

RT: 8.19 min Scan# 1071

Delta R.T. -0.01 min

Lab File: BF120443.D

Acq: 29 May 2020 17:06

Instrument :

BNA_F

ClientSampleId :

PB129165BS

Tot Ion:127 Resp: 326691

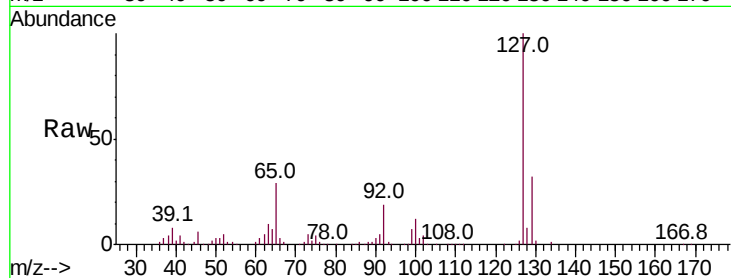
Ion Ratio Lower Upper

127 100

129 32.2 26.8 40.2

65 28.5 23.7 35.5

92 18.9 15.0 22.4

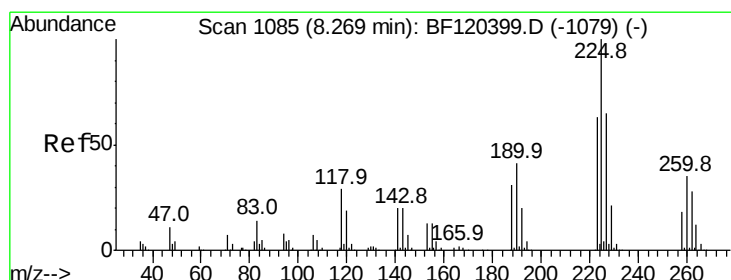
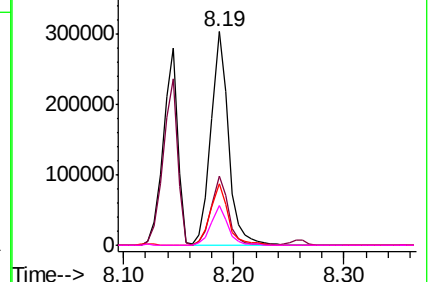
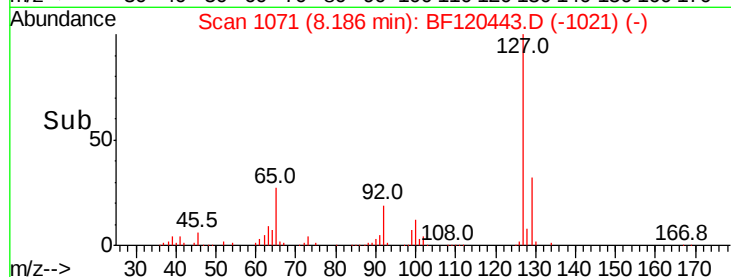


Abundance Ion 127.00 (126.70 to 127.70): E

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: 42.020 ng

RT: 8.26 min Scan# 1084

Delta R.T. -0.00 min

Lab File: BF120443.D

Acq: 29 May 2020 17:06

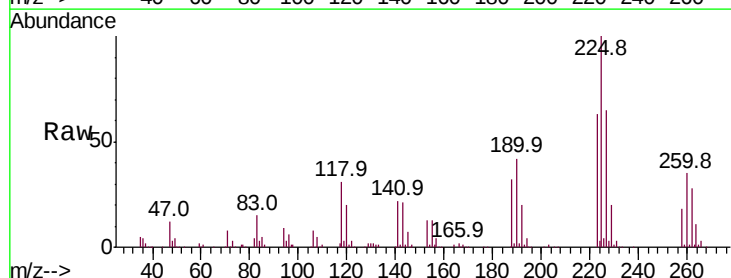
Tgt Ion:225 Resp: 378066

Ion Ratio Lower Upper

225 100

223 63.0 50.2 75.2

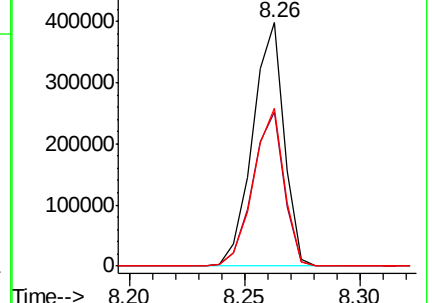
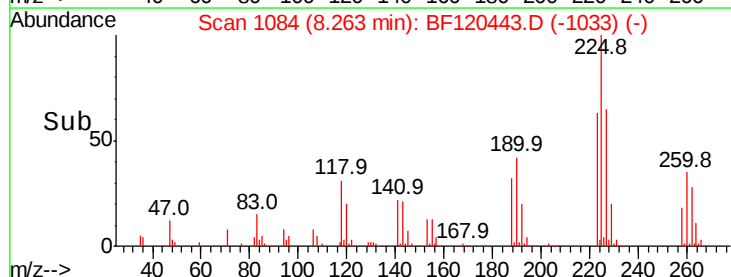
227 65.0 52.1 78.1

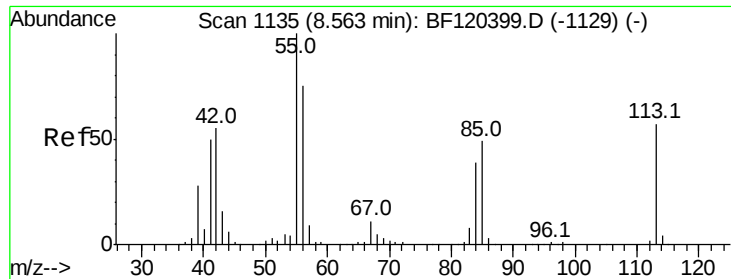


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

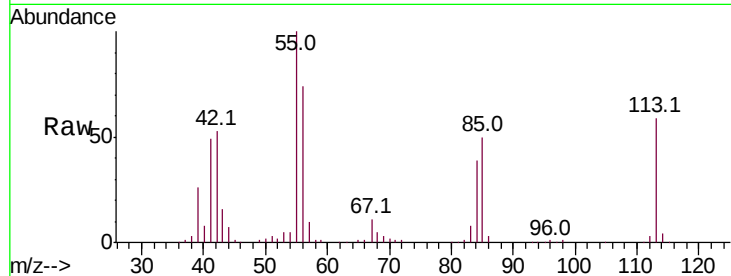




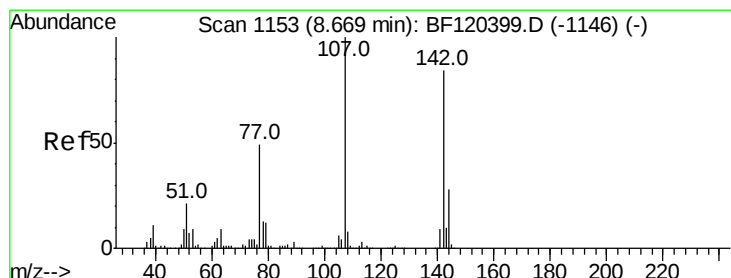
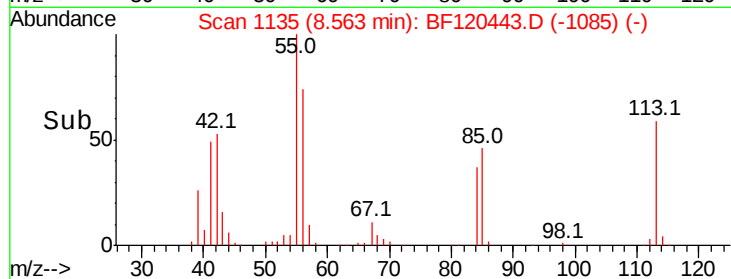
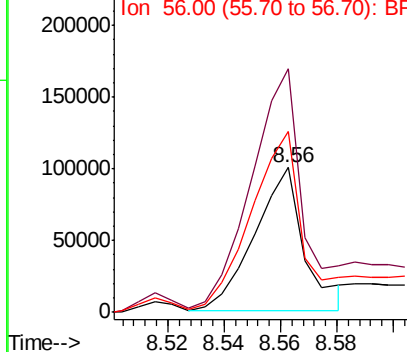
#35
 Caprolactam
 Concen: 27.708 ng
 RT: 8.56 min Scan# 1135
 Delta R.T. -0.01 min
 Lab File: BF120443.D
 Acq: 29 May 2020 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB129165BS

Tot Ion:113 Resp: 121376
 Ion Ratio Lower Upper
 113 100
 55 168.5 154.9 194.9
 56 125.3 110.9 150.9

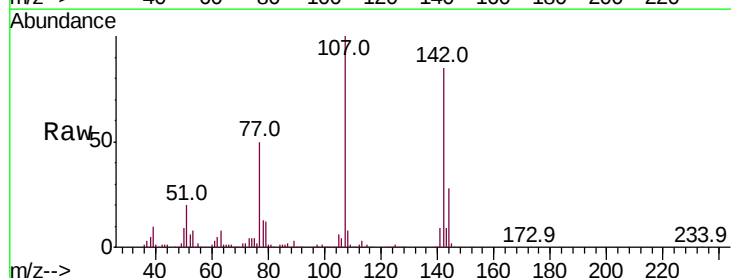


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

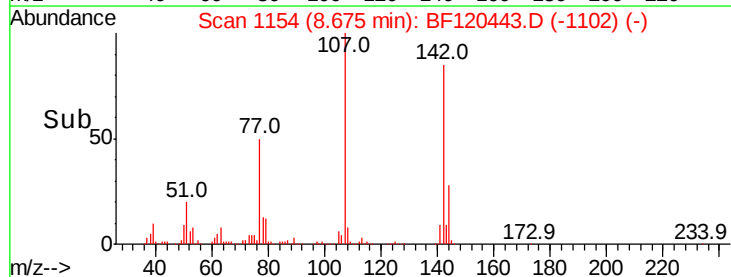
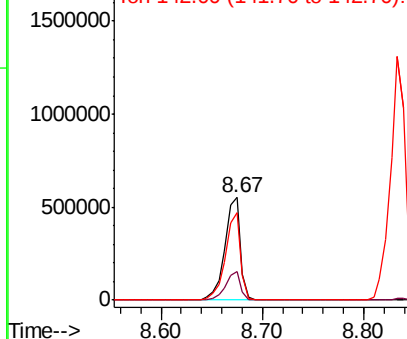


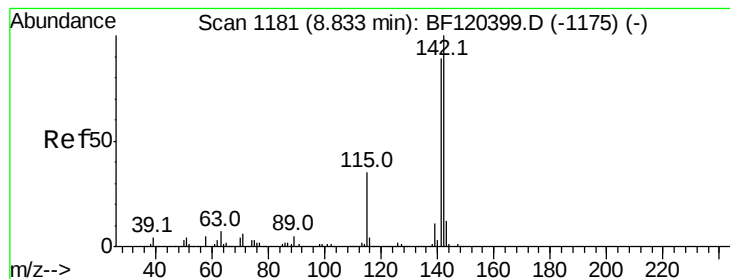
#36
 4-Chloro-3-methylphenol
 Concen: 42.681 ng
 RT: 8.67 min Scan# 1154
 Delta R.T. 0.01 min
 Lab File: BF120443.D
 Acq: 29 May 2020 17:06

Tgt Ion:107 Resp: 585711
 Ion Ratio Lower Upper
 107 100
 144 27.8 22.0 33.0
 142 84.6 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: 43.263 ng

RT: 8.83 min Scan# 1181

Delta R.T. -0.00 min

Lab File: BF120443.D

Acq: 29 May 2020 17:06

Instrument :

BNA_F

ClientSampleId :

PB129165BS

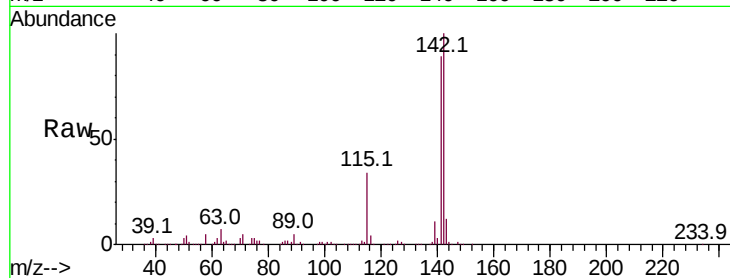
Tot Ion:142 Resp: 1307058

Ion Ratio Lower Upper

142 100

141 88.7 71.4 107.0

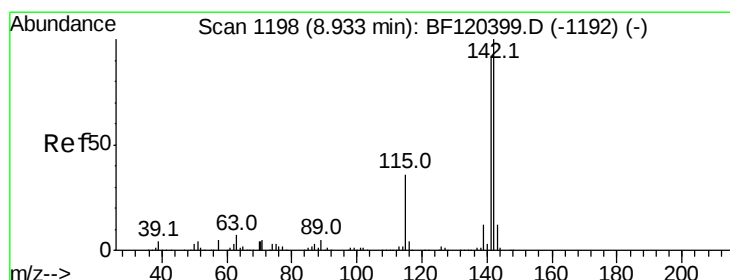
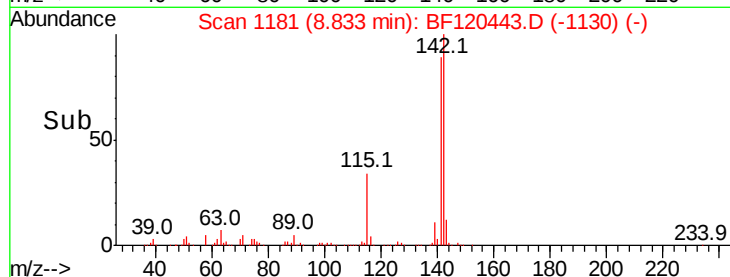
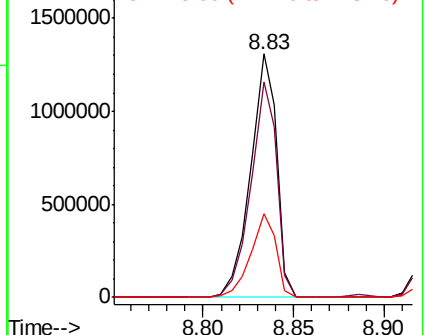
115 34.4 27.8 41.8



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: 43.195 ng

RT: 8.93 min Scan# 1198

Delta R.T. -0.00 min

Lab File: BF120443.D

Acq: 29 May 2020 17:06

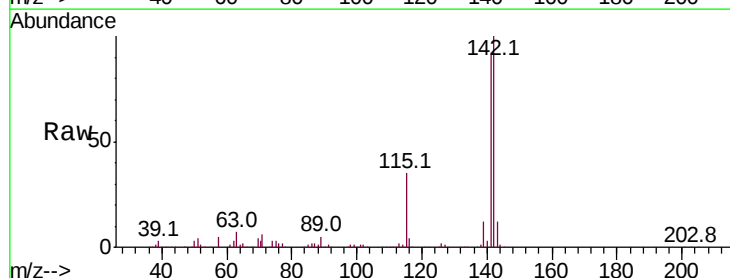
Tgt Ion:142 Resp: 1231795

Ion Ratio Lower Upper

142 100

141 91.6 73.9 110.9

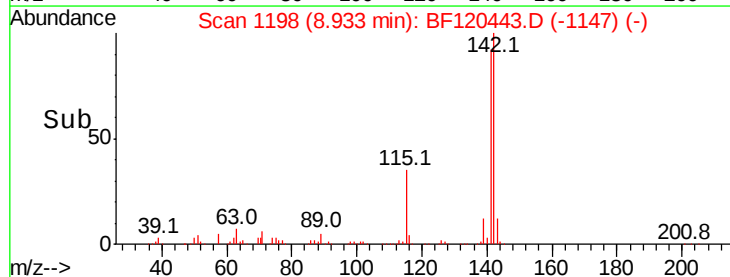
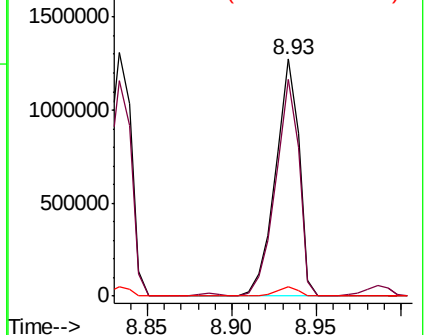
116 3.7 3.1 4.7

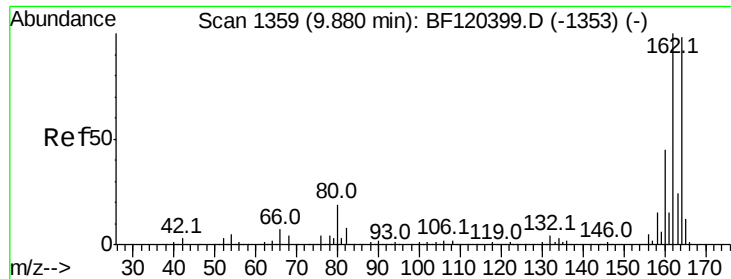


Abundance Ion 142.00 (141.70 to 142.70): E

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: BF120443.D

Acq: 29 May 2020 17:06

Instrument :

BNA_F

ClientSampleId :

PB129165BS

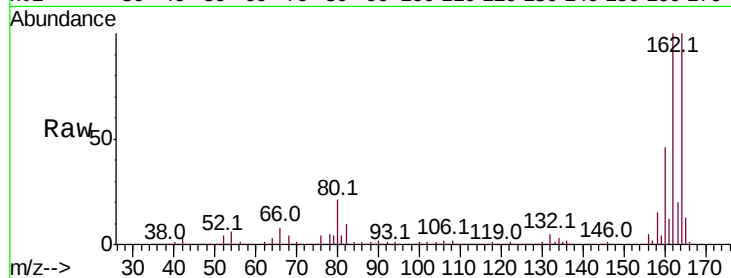
Tot Ion:164 Resp: 509195

Ion Ratio Lower Upper

164 100

162 100.0 81.3 121.9

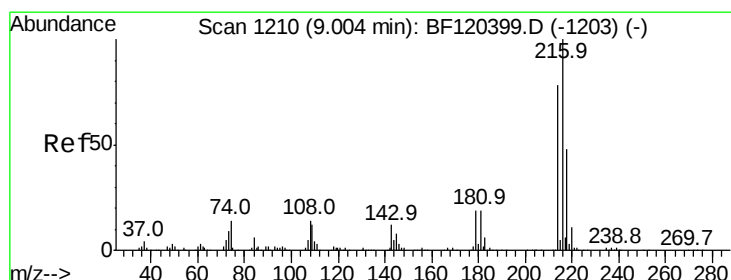
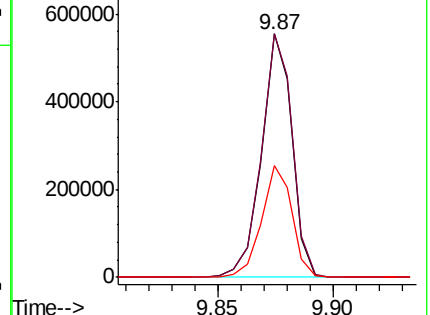
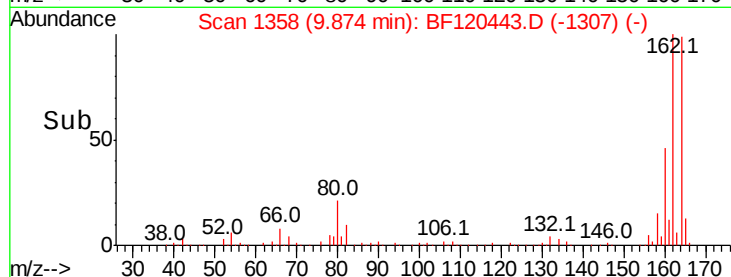
160 46.0 36.9 55.3



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: 46.936 ng

RT: 9.00 min Scan# 1209

Delta R.T. -0.00 min

Lab File: BF120443.D

Acq: 29 May 2020 17:06

Tgt Ion:216 Resp: 612897

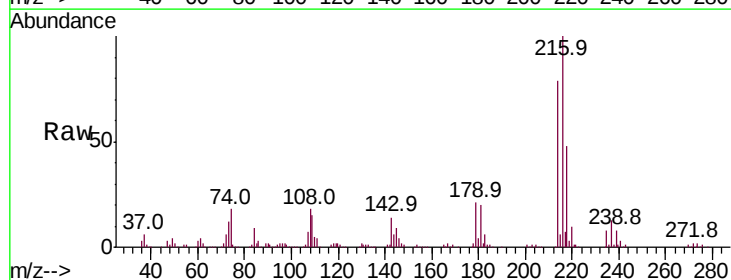
Ion Ratio Lower Upper

216 100

214 79.4 63.6 95.4

179 20.5 16.5 24.7

108 19.0 15.0 22.4

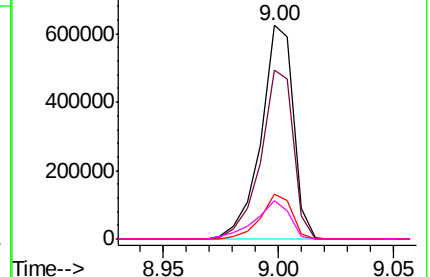
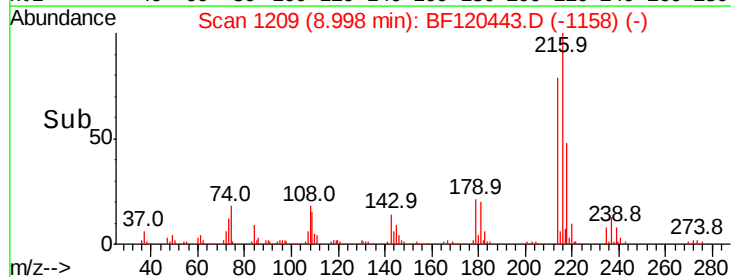


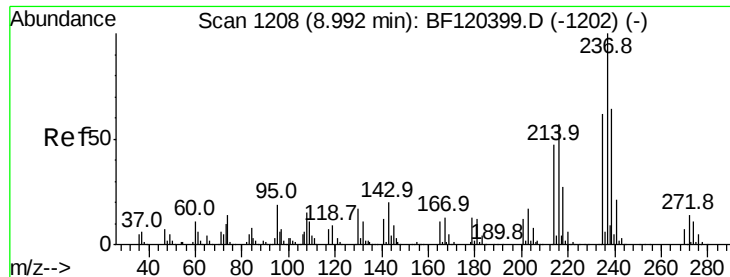
Abundance Ion 216.00 (215.70 to 216.70): E

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

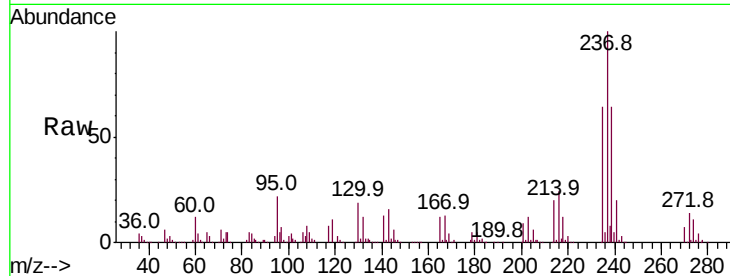




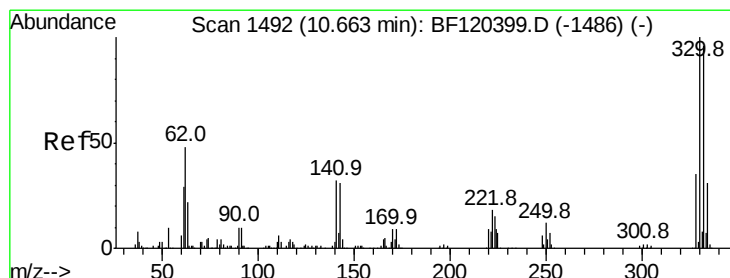
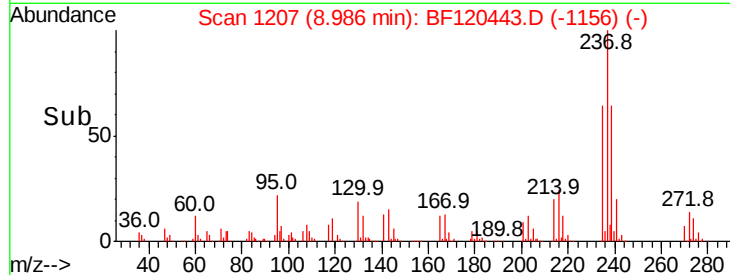
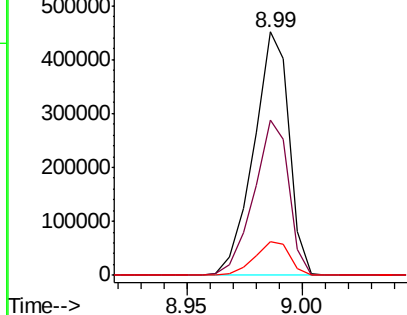
#41
Hexachlorocyclopentadiene
Concen: 65.891 ng
RT: 8.99 min Scan# 1207
Delta R.T. -0.00 min
Lab File: BF120443.D
Acq: 29 May 2020 17:06

Instrument :
BNA_F
ClientSampleId :
PB129165BS

Tot Ion	Ratio	Lower	Upper
237	100		
235	63.9	42.4	82.4
272	13.6	0.0	33.6

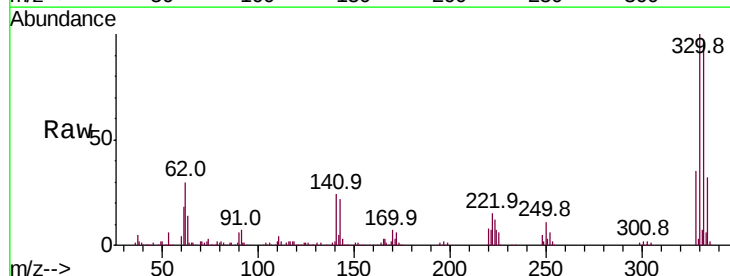


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

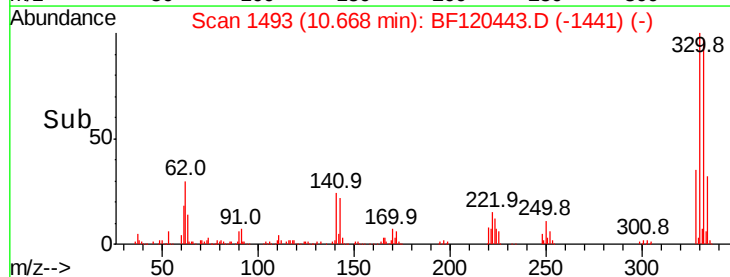
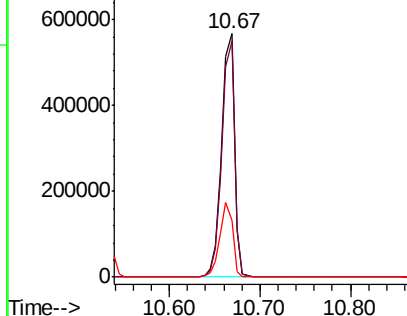


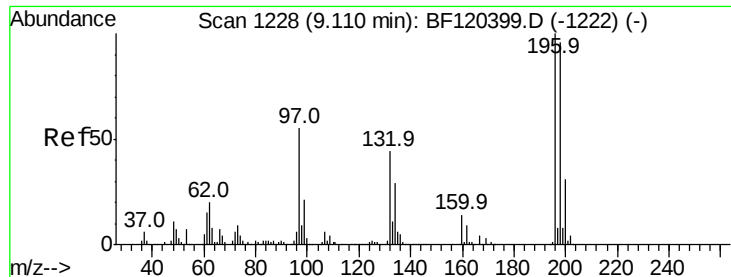
#42
2,4,6-Tribromophenol
Concen: 116.602 ng
RT: 10.67 min Scan# 1493
Delta R.T. 0.01 min
Lab File: BF120443.D
Acq: 29 May 2020 17:06

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	30.5	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

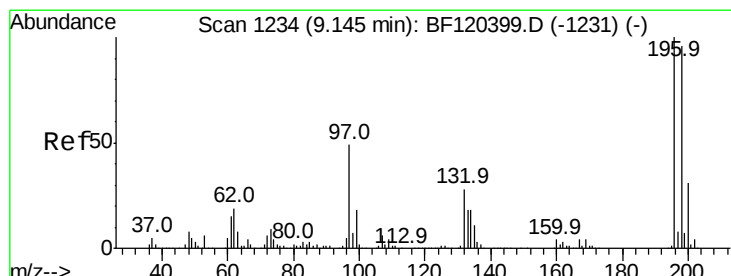
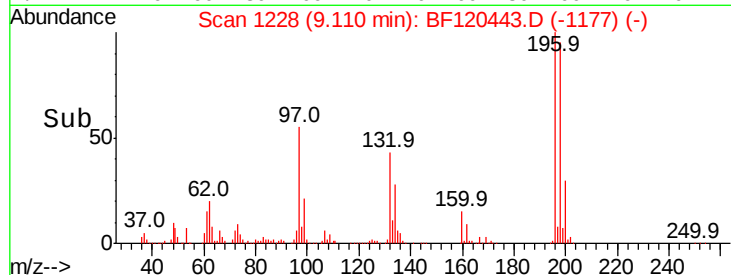
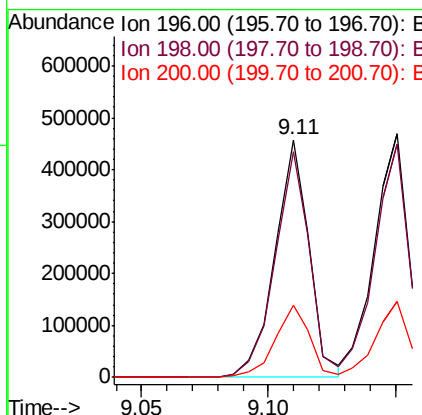
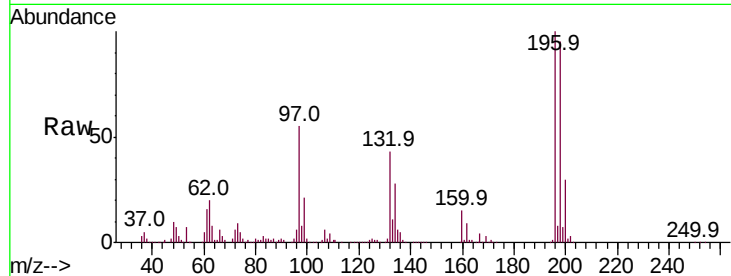




#43
 2,4,6-Trichlorophenol
 Concen: 45.756 ng
 RT: 9.11 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: BF120443.D
 Acq: 29 May 2020 17:06

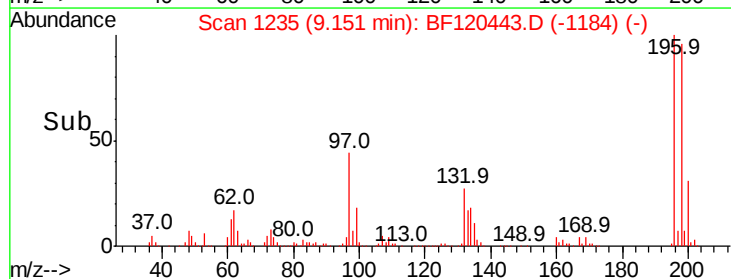
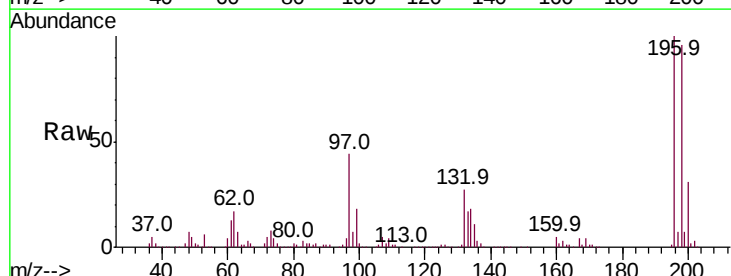
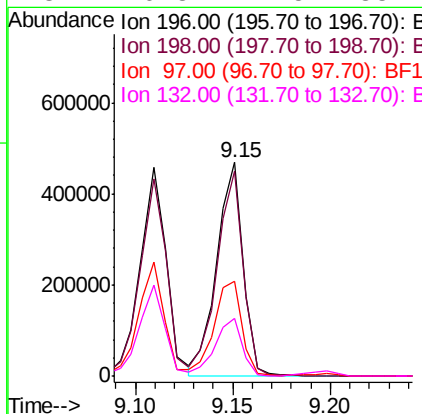
Instrument :
 BNA_F
 ClientSampleId :
 PB129165BS

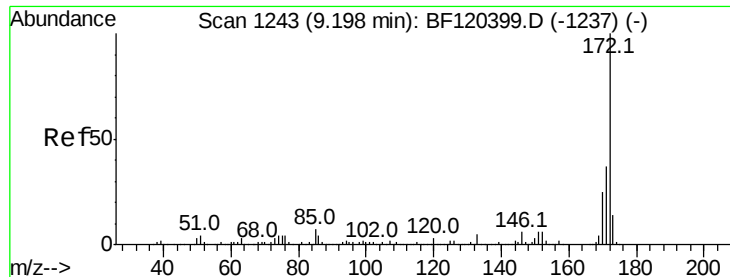
Tot Ion	Ratio	Lower	Upper
196	100		
198	94.7	77.1	115.7
200	30.4	25.0	37.6



#44
 2,4,5-Trichlorophenol
 Concen: 41.186 ng
 RT: 9.15 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: BF120443.D
 Acq: 29 May 2020 17:06

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.1	76.6	115.0
97	44.5	39.5	59.3
132	26.8	22.5	33.7



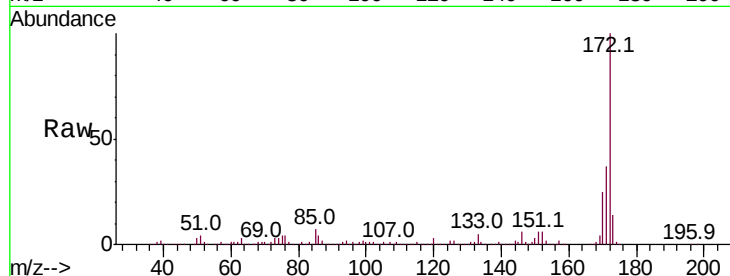


#45
 2-Fluorobiphenyl
 Concen: 81.398 ng
 RT: 9.20 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: BF120443.D
 Acq: 29 May 2020 17:06

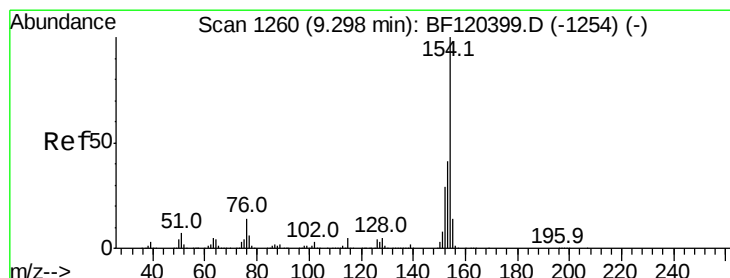
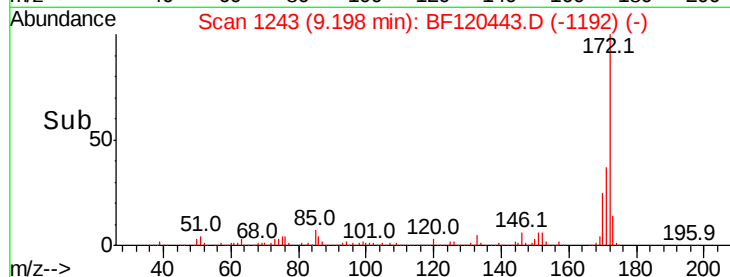
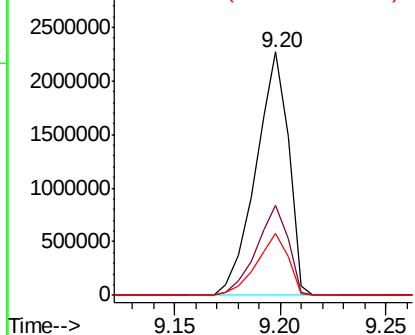
Instrument :
 BNA_F
 ClientSampleId :
 PB129165BS

Tot Ion:172 Resp: 2442838

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	25.2	19.9	29.9



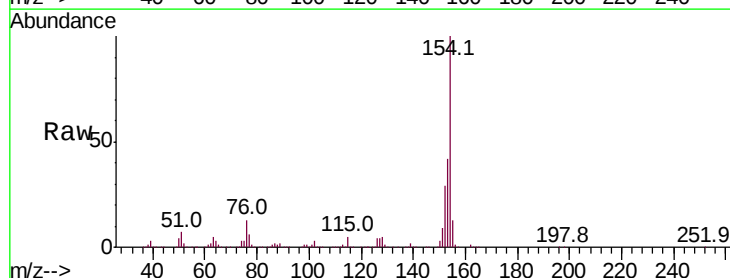
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



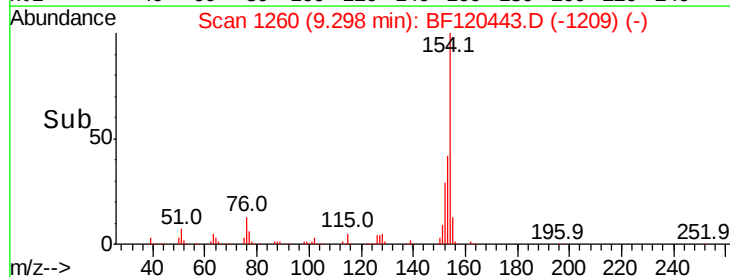
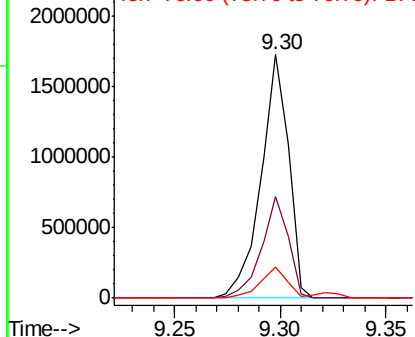
#46
 1,1'-Biphenyl
 Concen: 46.836 ng
 RT: 9.30 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: BF120443.D
 Acq: 29 May 2020 17:06

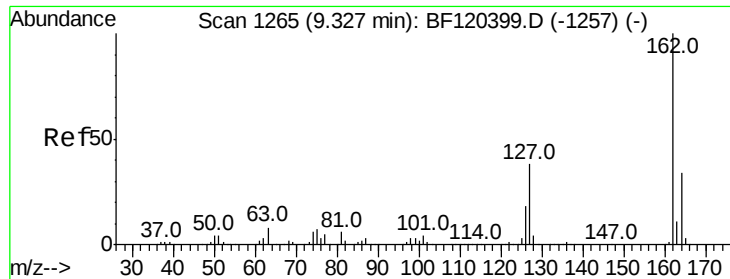
Tgt Ion:154 Resp: 1566661

Ion	Ratio	Lower	Upper
154	100		
153	41.5	20.9	60.9
76	13.0	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

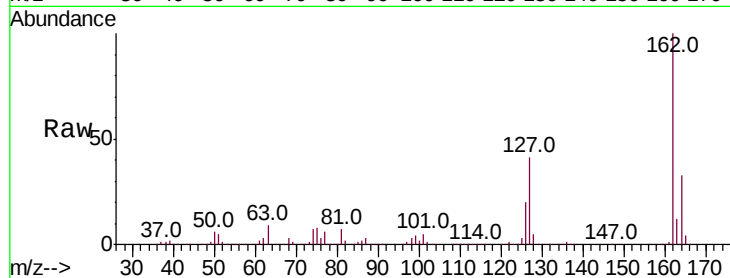




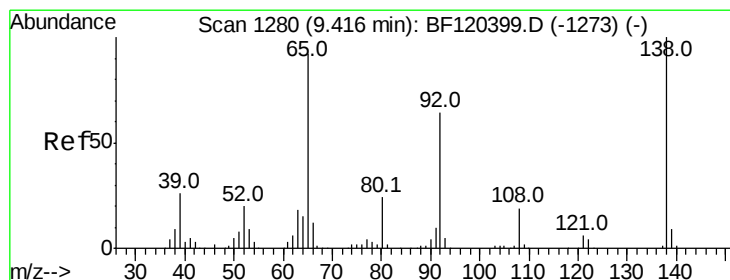
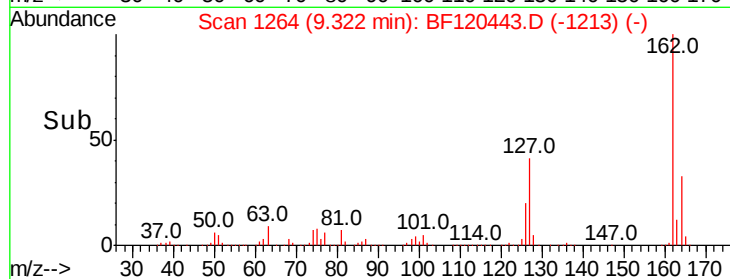
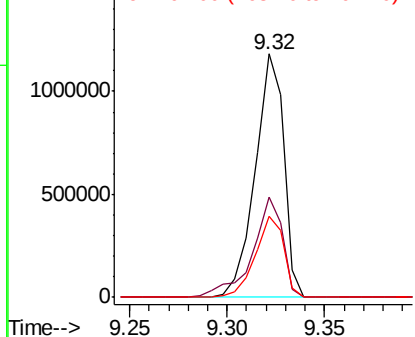
#47
 2-Chloronaphthalene
 Concen: 43.592 ng
 RT: 9.32 min Scan# 1264
 Delta R.T. -0.00 min
 Lab File: BF120443.D
 Acq: 29 May 2020 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB129165BS

Tot Ion:162 Resp: 1200706
 Ion Ratio Lower Upper
 162 100
 127 41.1 30.6 46.0
 164 33.1 27.1 40.7

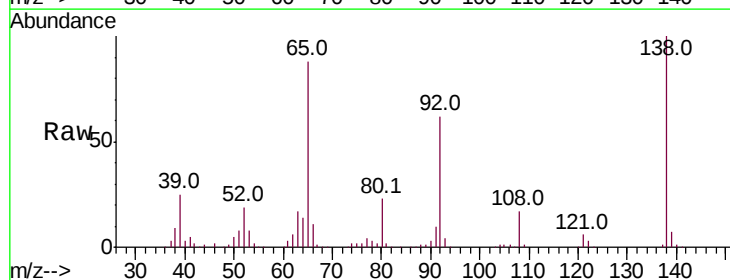


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

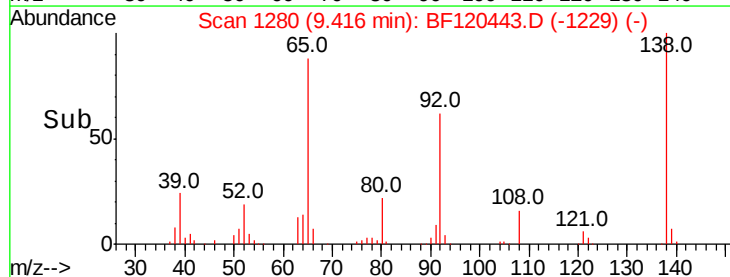
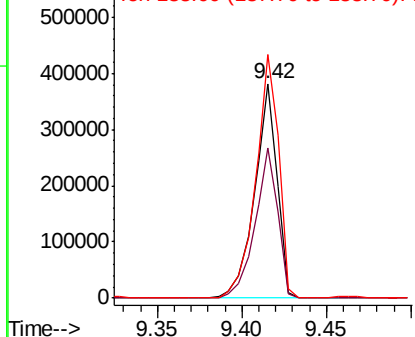


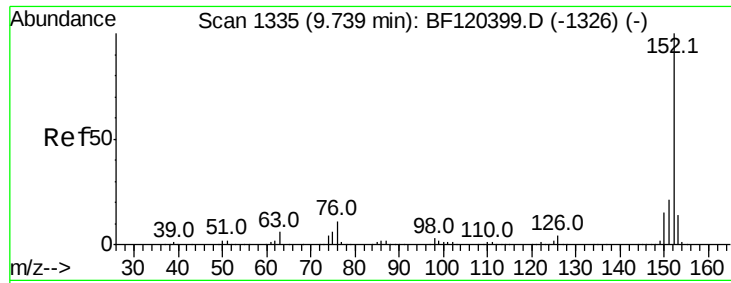
#48
 2-Nitroaniline
 Concen: 42.169 ng
 RT: 9.42 min Scan# 1280
 Delta R.T. -0.00 min
 Lab File: BF120443.D
 Acq: 29 May 2020 17:06

Tgt Ion: 65 Resp: 353779
 Ion Ratio Lower Upper
 65 100
 92 69.9 55.7 83.5
 138 113.5 86.9 130.3



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 43.750 ng

RT: 9.74 min Scan# 1335

Delta R.T. -0.00 min

Lab File: BF120443.D

Acq: 29 May 2020 17:06

Instrument :

BNA_F

ClientSampleId :

PB129165BS

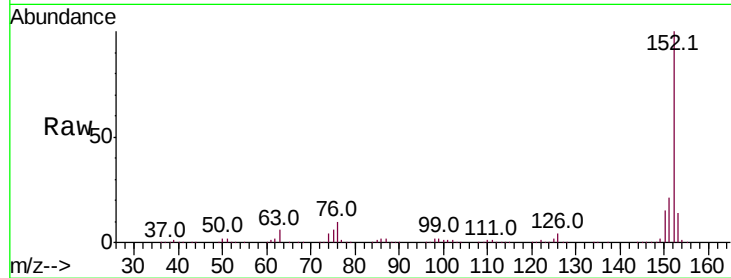
Tot Ion:152 Resp: 1862194

Ion Ratio Lower Upper

152 100

151 21.0 16.8 25.2

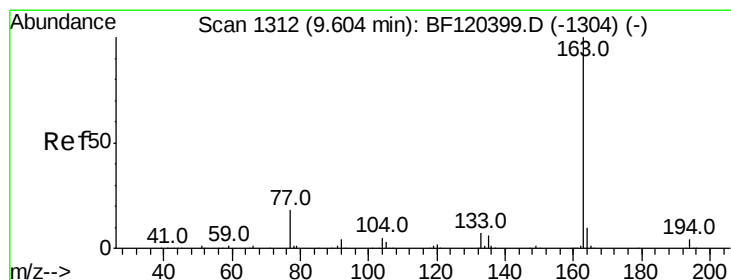
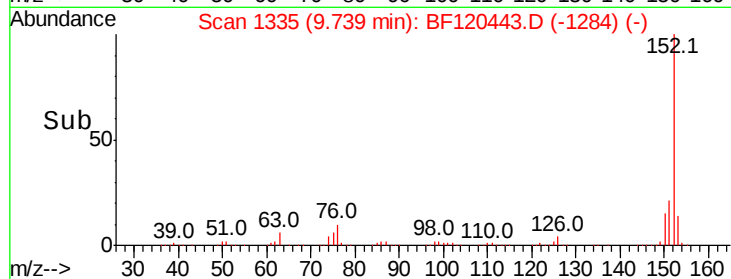
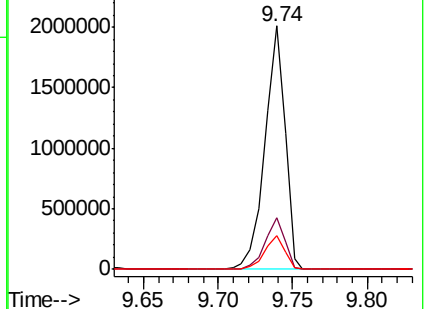
153 14.1 11.2 16.8



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: 44.204 ng

RT: 9.60 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF120443.D

Acq: 29 May 2020 17:06

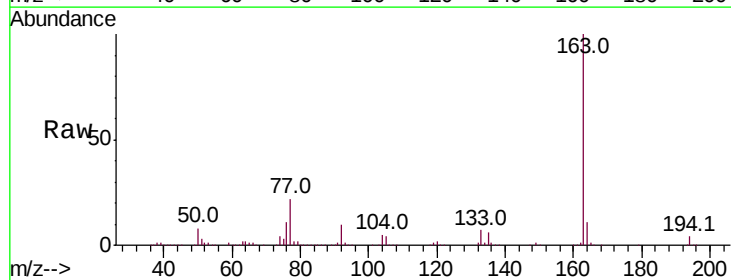
Tgt Ion:163 Resp: 1407171

Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

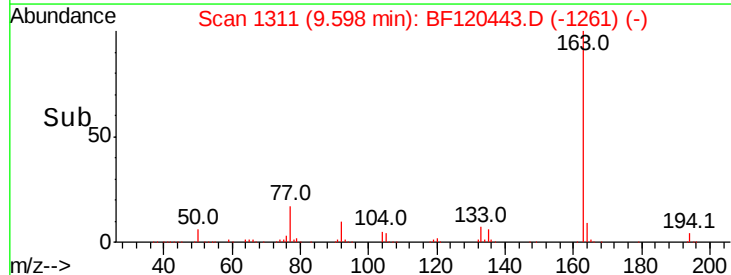
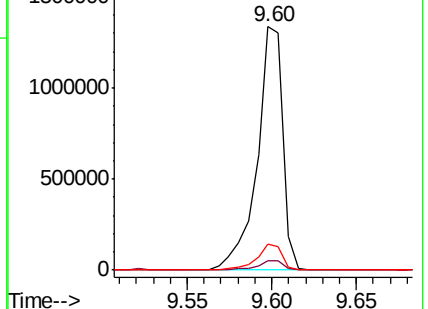
164 10.8 8.3 12.5

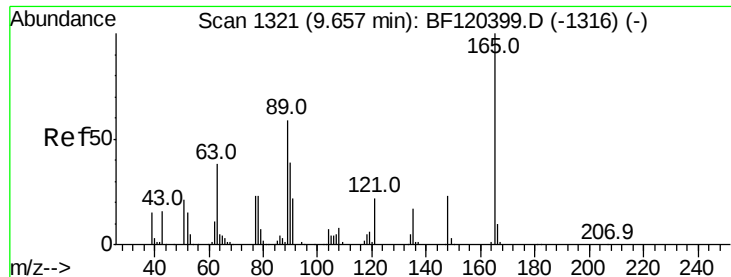


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

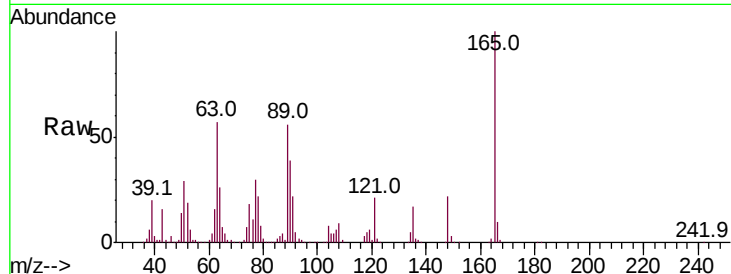




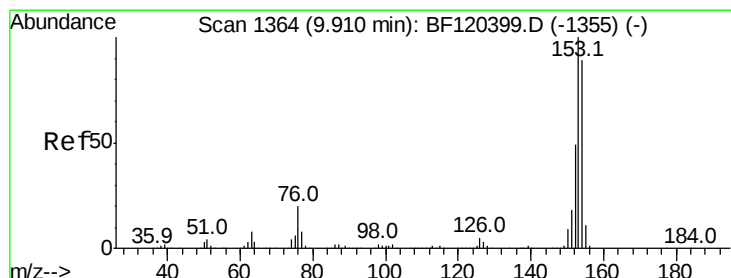
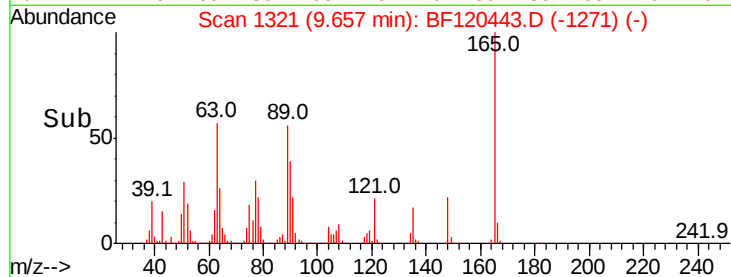
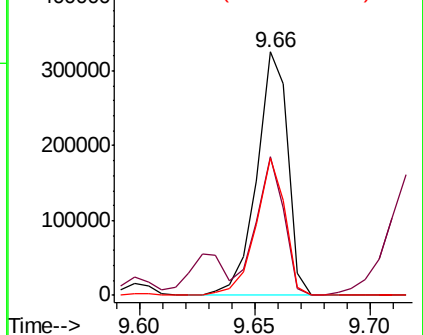
#51
 2,6-Dinitrotoluene
 Concen: 43.078 ng
 RT: 9.66 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: BF120443.D
 Acq: 29 May 2020 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB129165BS

Tot Ion:165 Resp: 304755
 Ion Ratio Lower Upper
 165 100
 63 56.9 46.9 70.3
 89 56.5 47.5 71.3

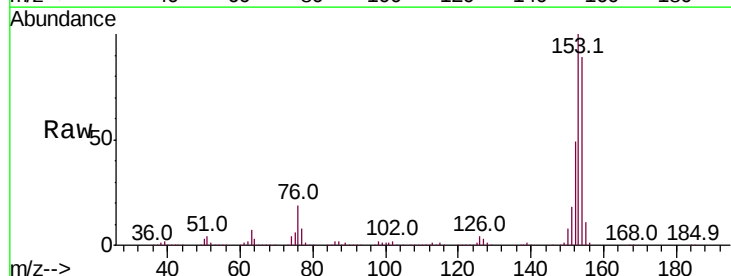


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

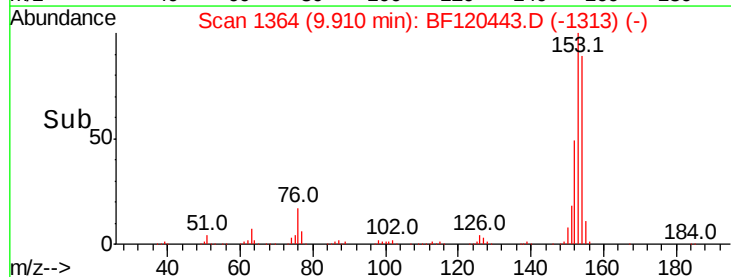
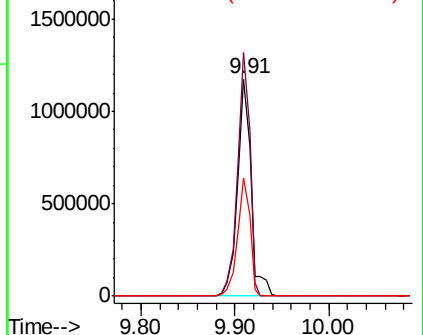


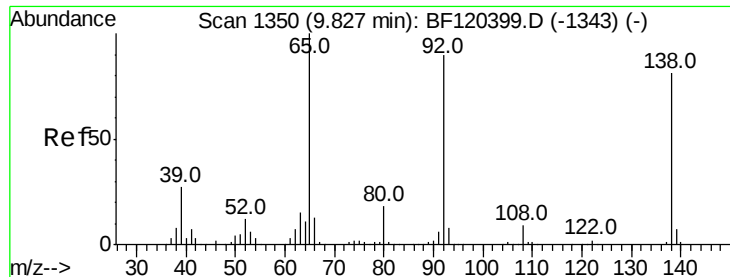
#52
 Acenaphthene
 Concen: 43.800 ng
 RT: 9.91 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: BF120443.D
 Acq: 29 May 2020 17:06

Tgt Ion:154 Resp: 1163537
 Ion Ratio Lower Upper
 154 100
 153 112.2 90.0 135.0
 152 54.6 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

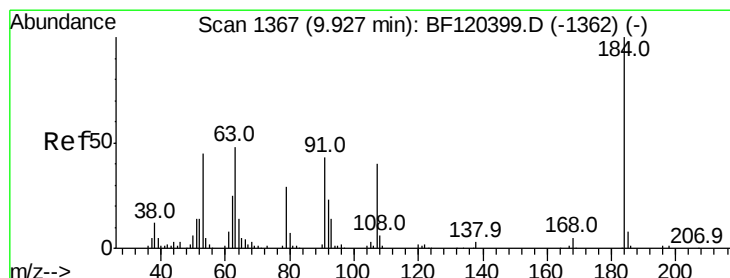
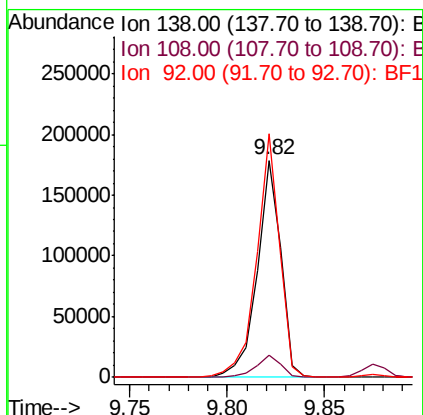
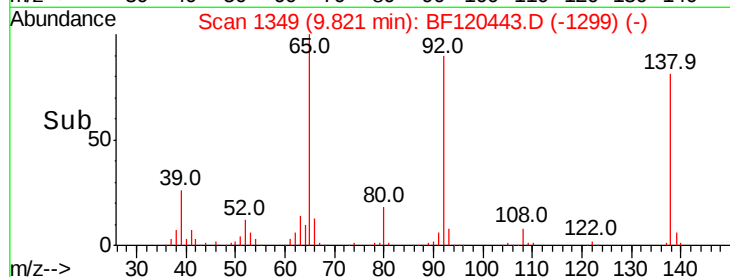
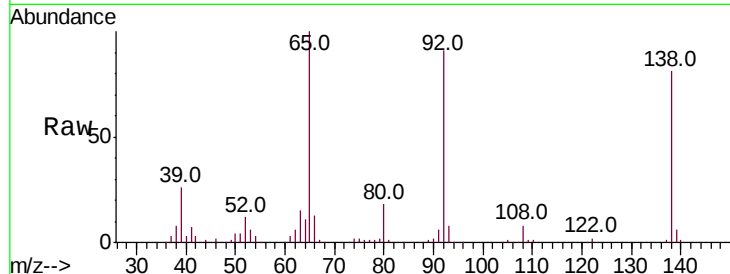




#53
 3-Nitroaniline
 Concen: 17.931 ng
 RT: 9.82 min Scan# 1349
 Delta R.T. -0.01 min
 Lab File: BF120443.D
 Acq: 29 May 2020 17:06

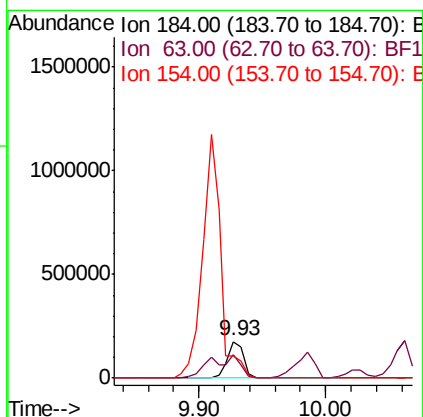
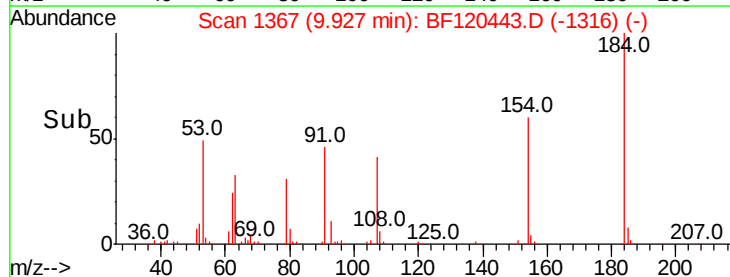
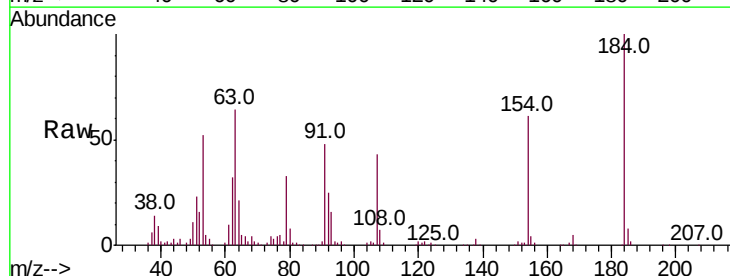
Instrument :
 BNA_F
 ClientSampleId :
 PB129165BS

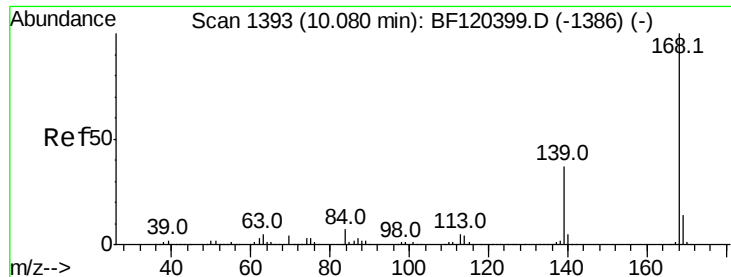
Tot Ion:138 Resp: 148962
 Ion Ratio Lower Upper
 138 100
 108 10.0 8.5 12.7
 92 112.2 89.0 133.4



#54
 2,4-Dinitrophenol
 Concen: 58.063 ng
 RT: 9.93 min Scan# 1367
 Delta R.T. -0.00 min
 Lab File: BF120443.D
 Acq: 29 May 2020 17:06

Tgt Ion:184 Resp: 158853
 Ion Ratio Lower Upper
 184 100
 63 63.9 45.9 68.9
 154 60.7 46.4 69.6





#55

Dibenzofuran

Concen: 42.445 ng

RT: 10.08 min Scan# 1393

Delta R.T. -0.01 min

Lab File: BF120443.D

Acq: 29 May 2020 17:06

Instrument :

BNA_F

ClientSampleId :

PB129165BS

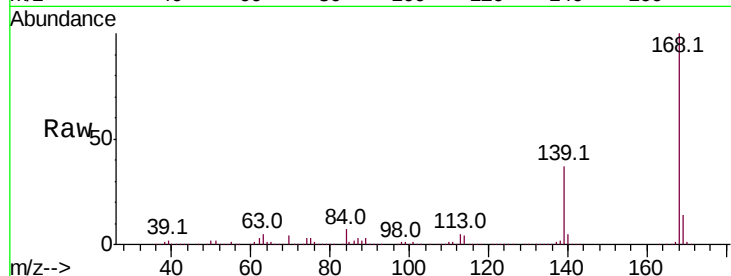
Tot Ion:168 Resp: 1638565

Ion Ratio Lower Upper

168 100

139 37.5 30.0 45.0

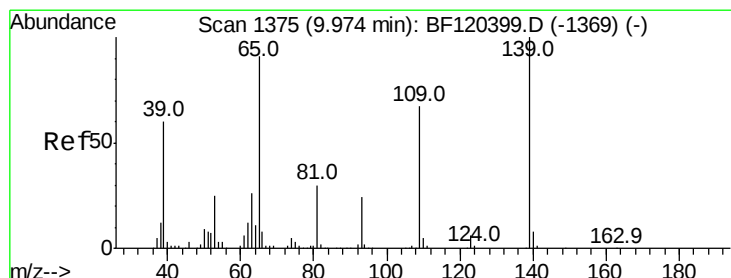
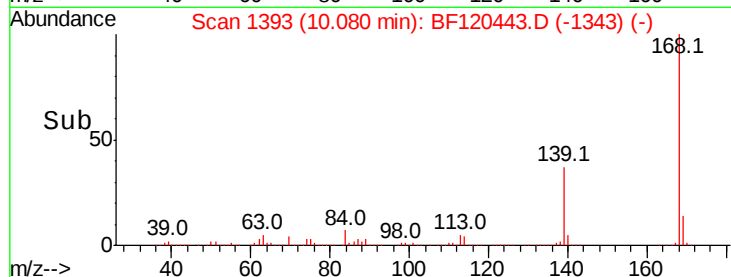
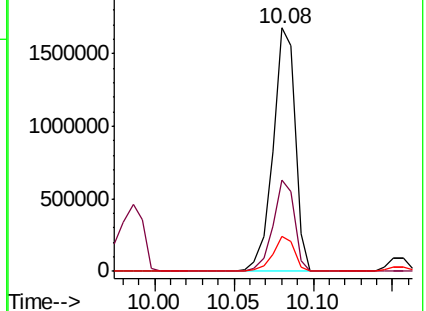
169 14.4 11.5 17.3



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: 82.707 ng

RT: 9.99 min Scan# 1377

Delta R.T. 0.01 min

Lab File: BF120443.D

Acq: 29 May 2020 17:06

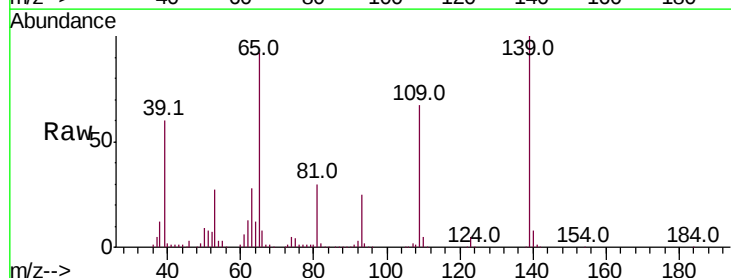
Tgt Ion:139 Resp: 526024

Ion Ratio Lower Upper

139 100

109 66.7 47.3 87.3

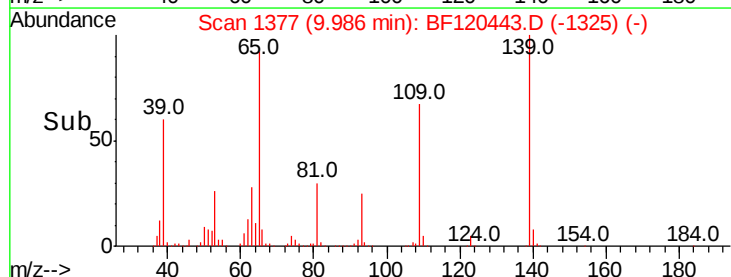
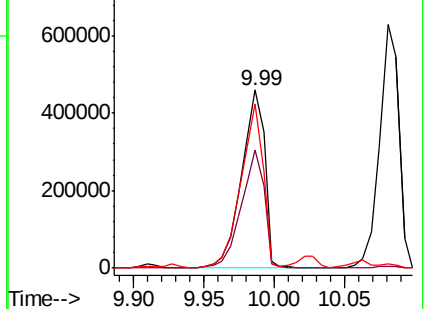
65 92.5 71.5 111.5

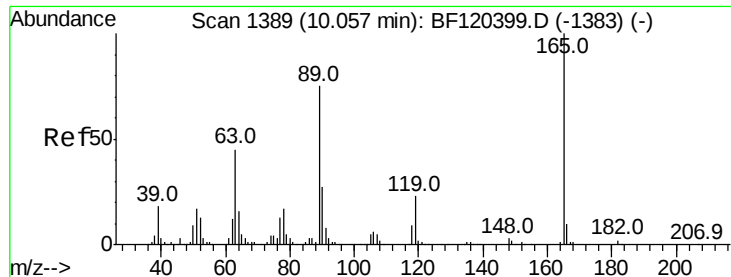


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

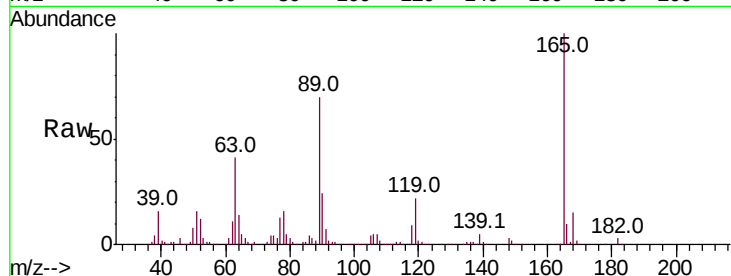




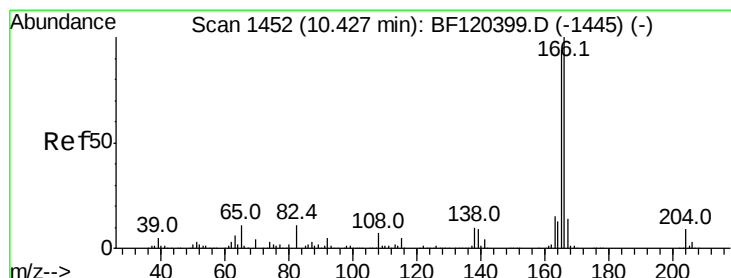
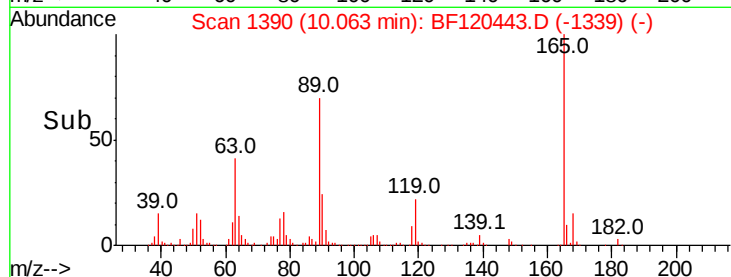
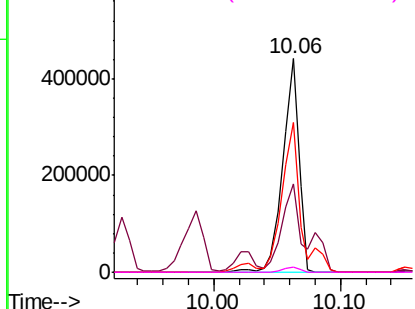
#57
 2,4-Dinitrotoluene
 Concen: 43.026 ng
 RT: 10.06 min Scan# 1390
 Delta R.T. -0.00 min
 Lab File: BF120443.D
 Acq: 29 May 2020 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB129165BS

Tot Ion:	165	Resp:	389566
Ion	Ratio	Lower	Upper
165	100		
63	41.5	35.9	53.9
89	70.3	60.0	90.0
182	2.5	2.0	3.0

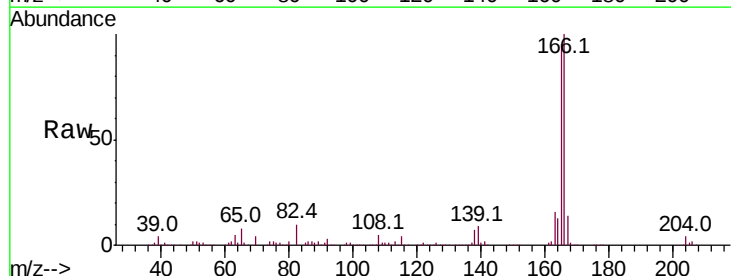


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

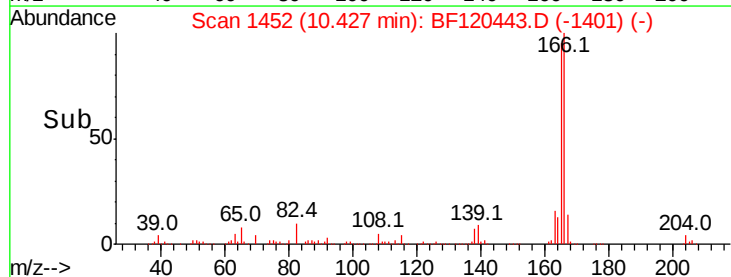
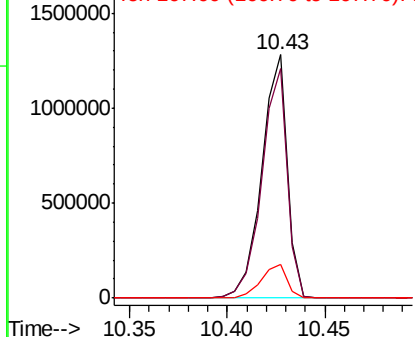


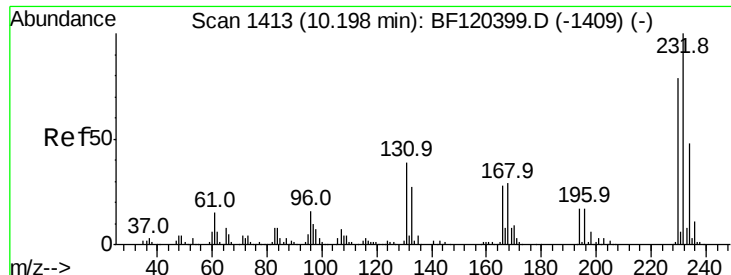
#58
 Fluorene
 Concen: 39.914 ng
 RT: 10.43 min Scan# 1452
 Delta R.T. -0.00 min
 Lab File: BF120443.D
 Acq: 29 May 2020 17:06

Tgt Ion:	166	Resp:	1156295
Ion	Ratio	Lower	Upper
166	100		
165	94.5	75.6	113.4
167	13.7	10.9	16.3



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

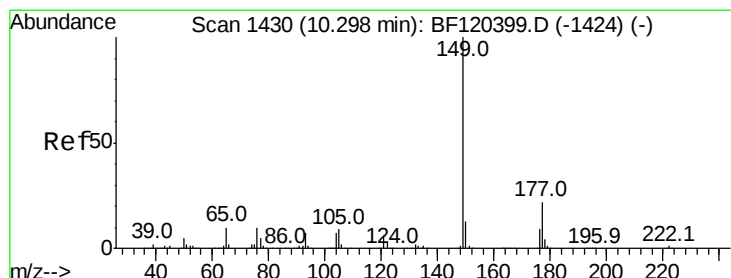
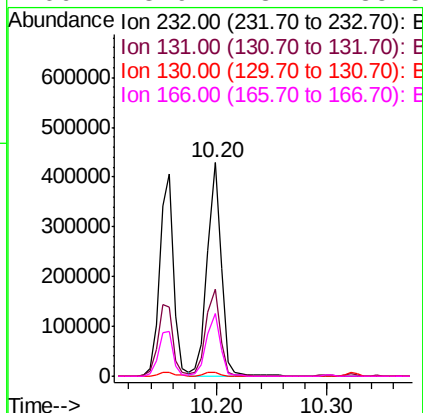
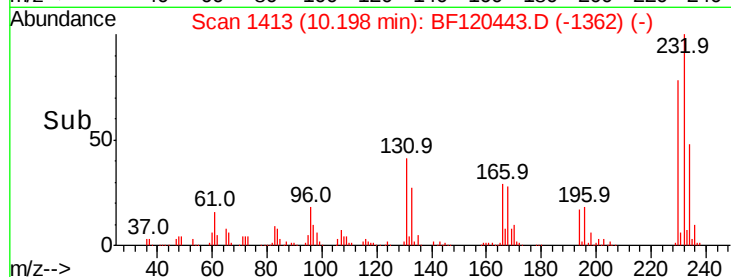
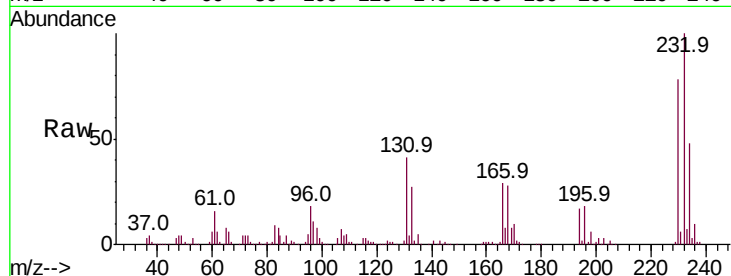




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.396 ng
 RT: 10.20 min Scan# 1413
 Delta R.T. -0.00 min
 Lab File: BF120443.D
 Acq: 29 May 2020 17:06

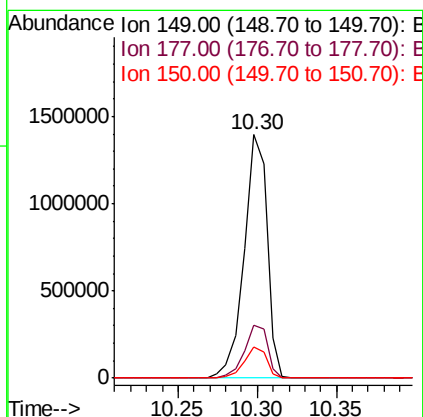
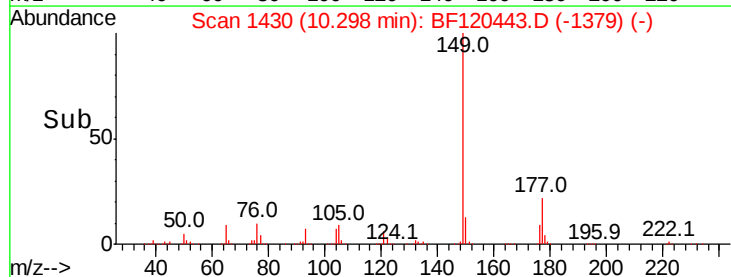
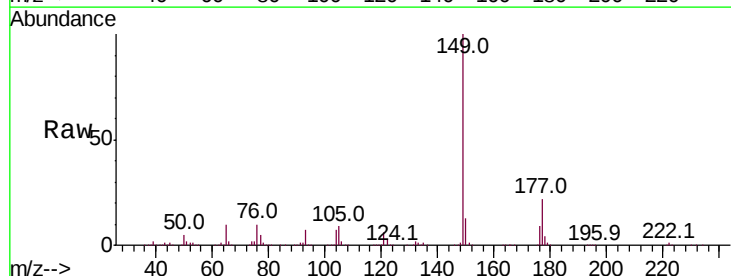
Instrument :
 BNA_F
 ClientSampleId :
 PB129165BS

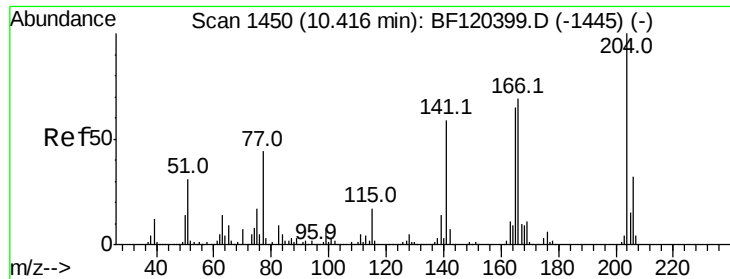
Tot Ion:	232	Resp:	362010
Ion	Ratio	Lower	Upper
232	100		
131	41.9	34.6	51.8
130	2.0	1.7	2.5
166	28.9	23.7	35.5



#60
 Diethylphthalate
 Concen: 43.419 ng
 RT: 10.30 min Scan# 1430
 Delta R.T. -0.00 min
 Lab File: BF120443.D
 Acq: 29 May 2020 17:06

Tgt Ion:	149	Resp:	1396739
Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.4	26.2
150	12.8	10.3	15.5

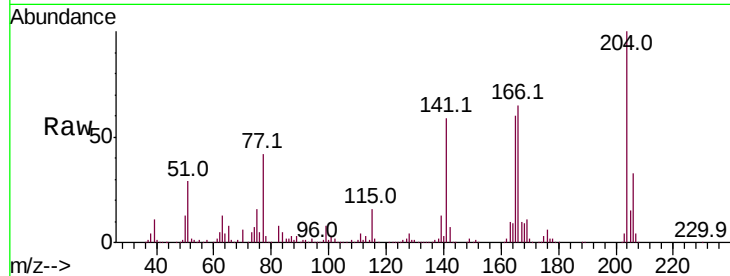




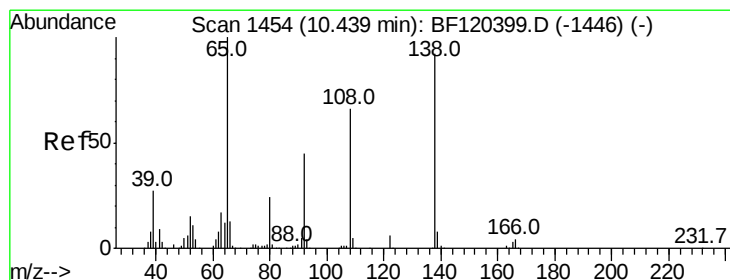
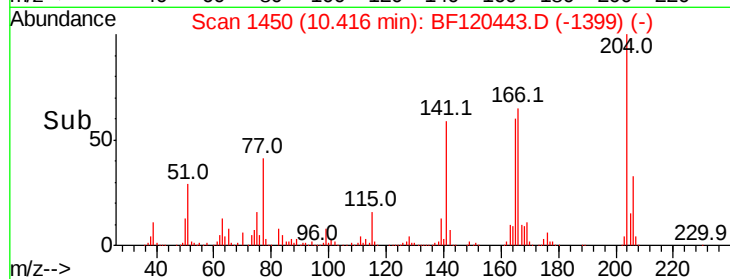
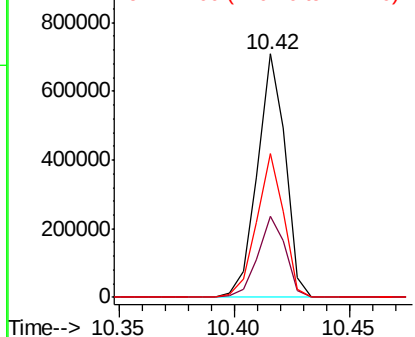
#61
4-Chlorophenyl-phenylether
Concen: 38.204 ng
RT: 10.42 min Scan# 1450
Delta R.T. -0.00 min
Lab File: BF120443.D
Acq: 29 May 2020 17:06

Instrument :
BNA_F
ClientSampleId :
PB129165BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	25.8	38.8
141	59.1	47.2	70.8

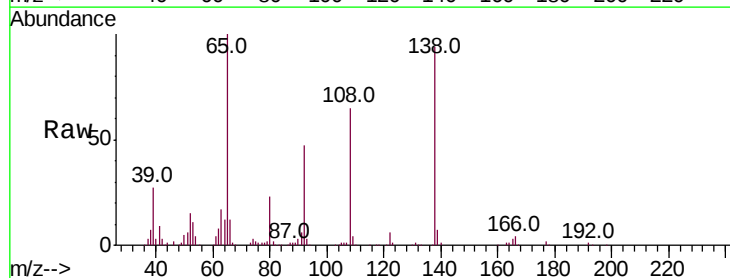


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

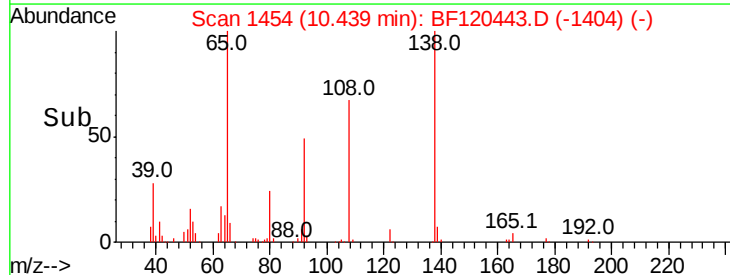
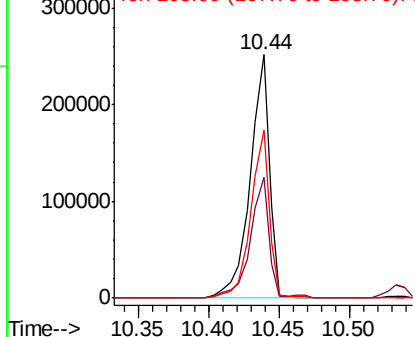


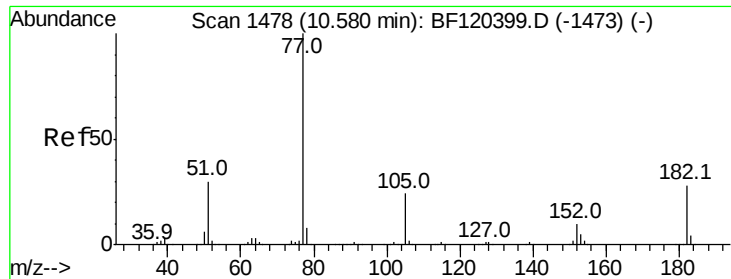
#62
4-Nitroaniline
Concen: 30.959 ng
RT: 10.44 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF120443.D
Acq: 29 May 2020 17:06

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.3	29.3	69.3
108	69.2	51.8	91.8



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

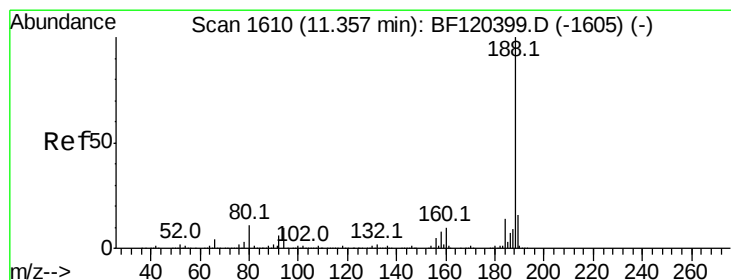
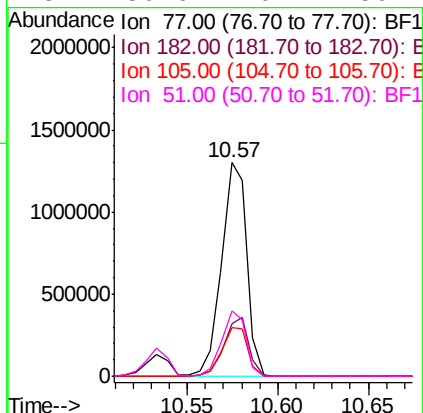
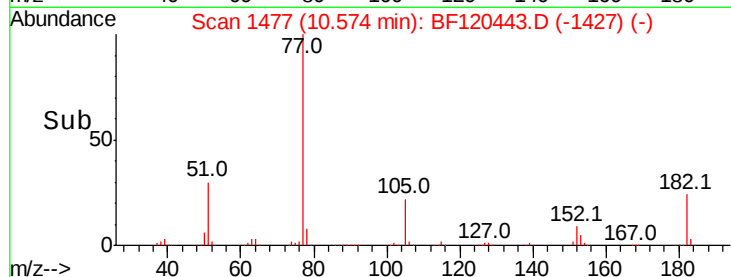
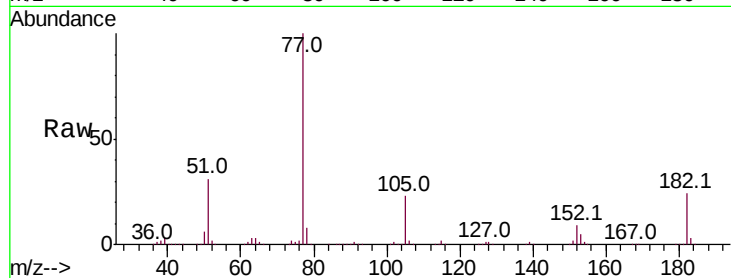




#63
Azobenzene
Concen: 41.450 ng
RT: 10.57 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF120443.D
Acq: 29 May 2020 17:06

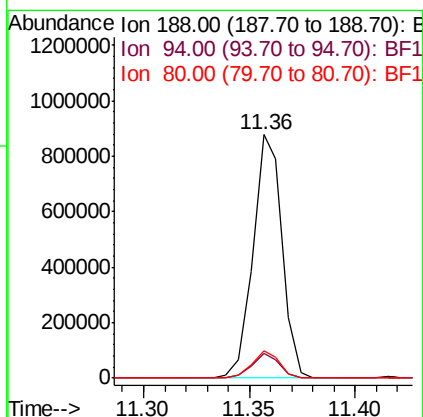
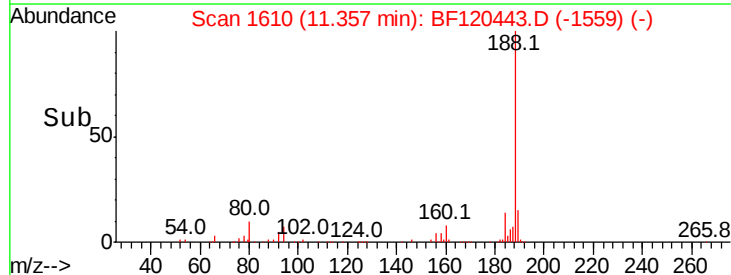
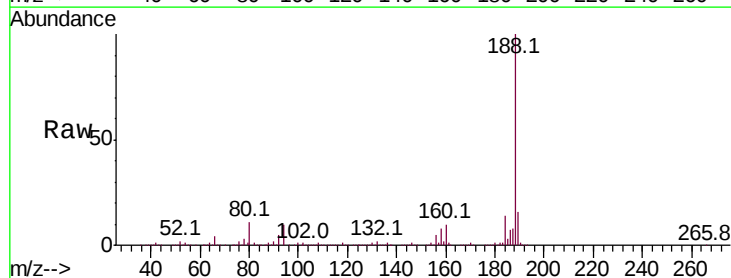
Instrument :
BNA_F
ClientSampleId :
PB129165BS

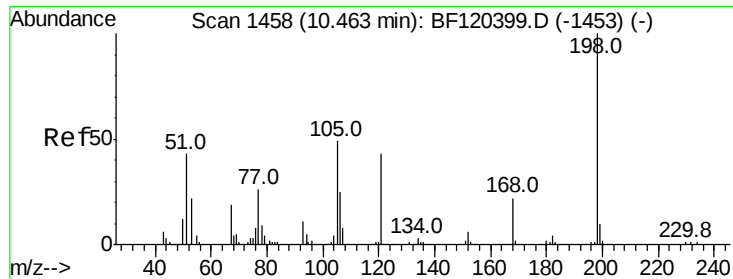
Tot Ion: 77 Resp: 1254204
Ion Ratio Lower Upper
77 100
182 24.4 8.1 48.1
105 23.0 3.8 43.8
51 30.6 10.1 50.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1610
Delta R.T. -0.00 min
Lab File: BF120443.D
Acq: 29 May 2020 17:06

Tgt Ion: 188 Resp: 838636
Ion Ratio Lower Upper
188 100
94 10.2 7.9 11.9
80 11.0 8.6 13.0

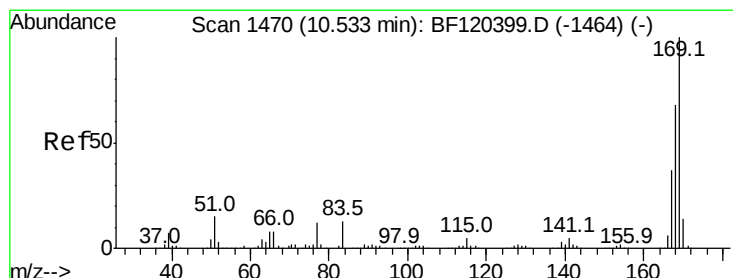
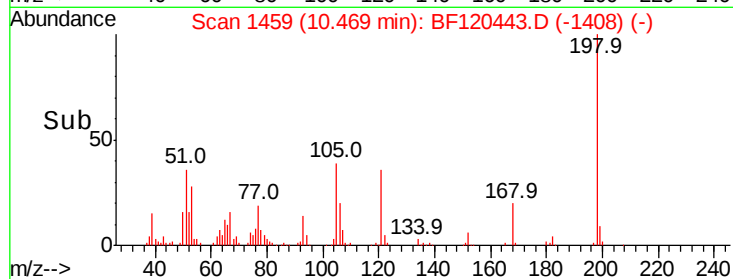
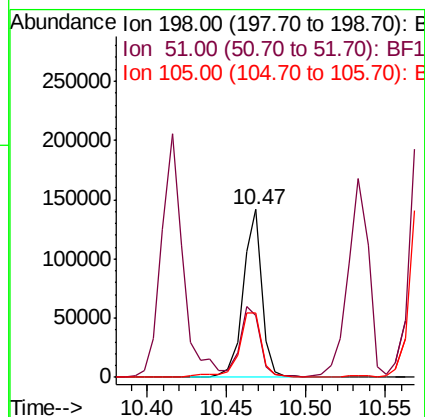
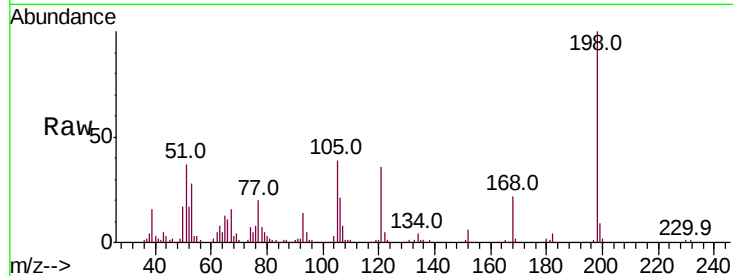




#65
 4,6-Dinitro-2-methylphenol
 Concen: 37.727 ng
 RT: 10.47 min Scan# 1459
 Delta R.T. -0.00 min
 Lab File: BF120443.D
 Acq: 29 May 2020 17:06

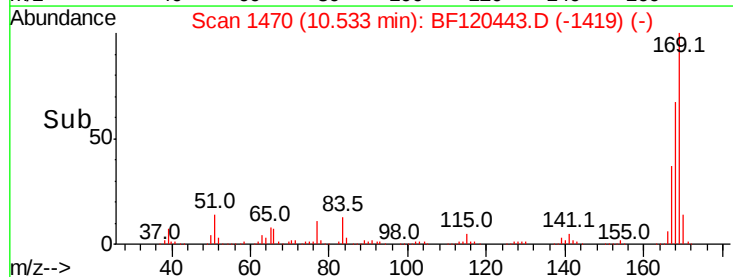
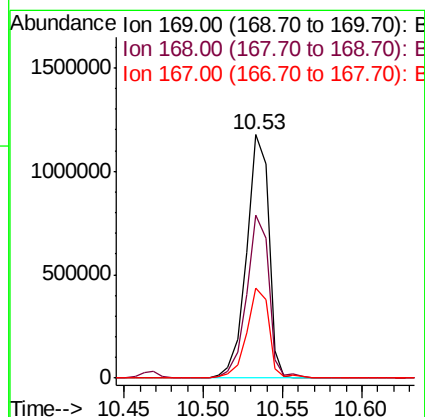
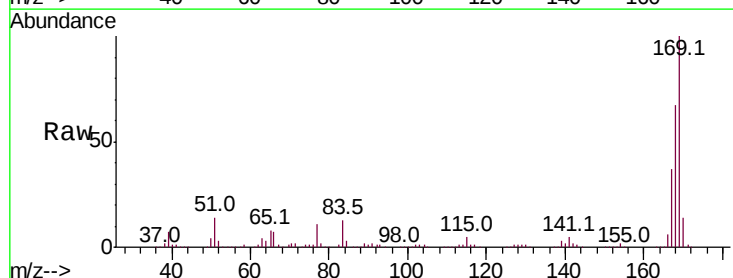
Instrument :
 BNA_F
 ClientSampleId :
 PB129165BS

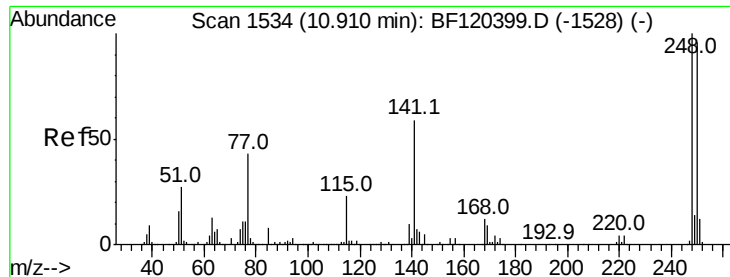
Tot Ion:198 Resp: 115402
 Ion Ratio Lower Upper
 198 100
 51 36.5 34.1 74.1
 105 38.7 30.5 70.5



#66
 n-Nitrosodiphenylamine
 Concen: 48.880 ng
 RT: 10.53 min Scan# 1470
 Delta R.T. -0.00 min
 Lab File: BF120443.D
 Acq: 29 May 2020 17:06

Tgt Ion:169 Resp: 1138697
 Ion Ratio Lower Upper
 169 100
 168 66.7 54.2 81.2
 167 36.9 29.8 44.8

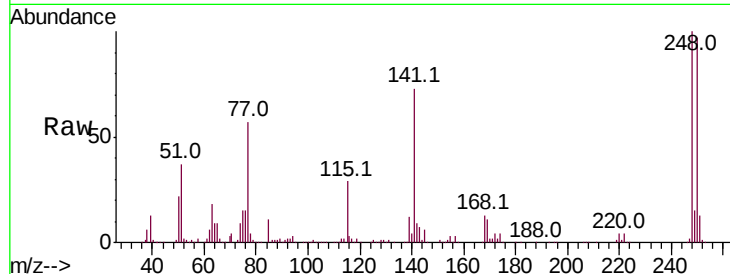




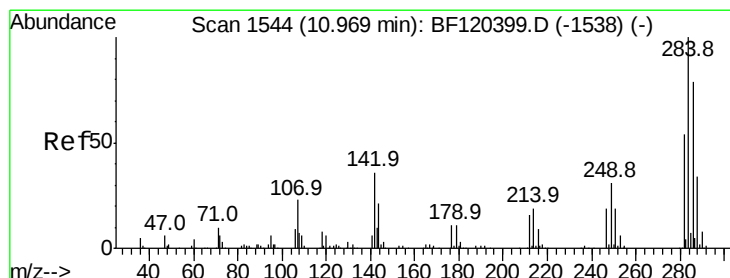
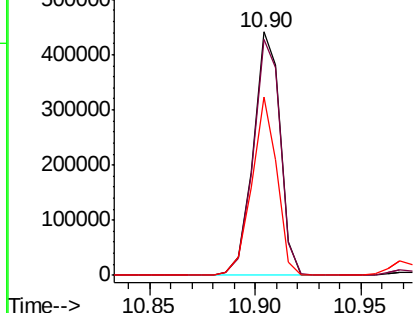
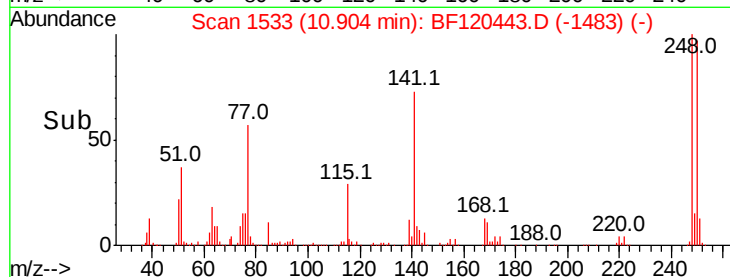
#67
 4-Bromophenyl-phenylether
 Concen: 46.382 ng
 RT: 10.90 min Scan# 1533
 Delta R.T. -0.01 min
 Lab File: BF120443.D
 Acq: 29 May 2020 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB129165BS

Tot Ion:248 Resp: 392641
 Ion Ratio Lower Upper
 248 100
 250 97.0 76.5 114.7
 141 73.2 47.2 70.8#

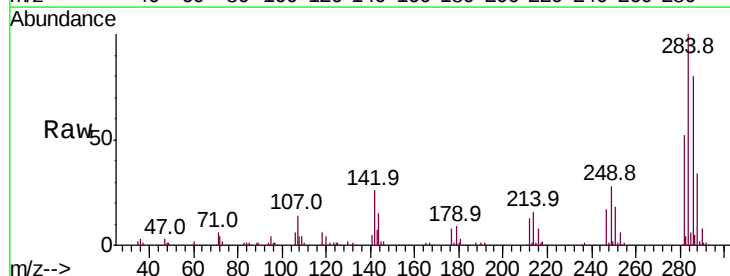


Abundance Ion 248.00 (247.70 to 248.70): E
 600000 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

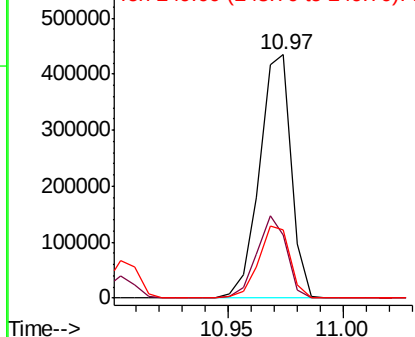
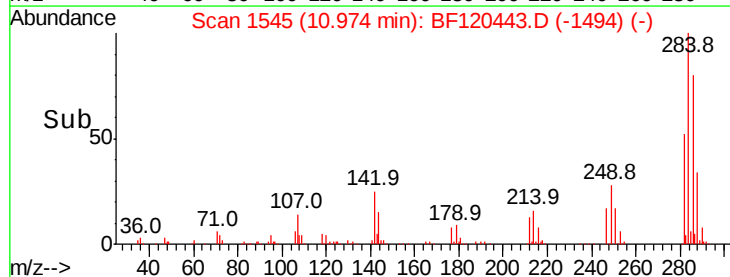


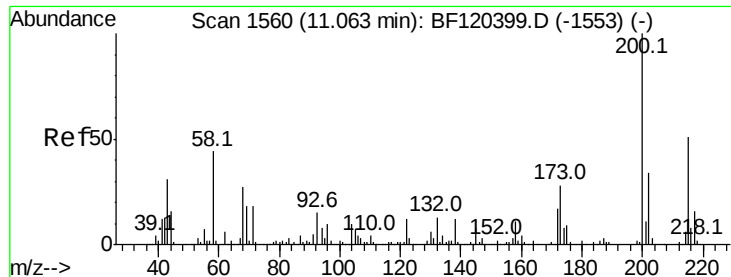
#68
 Hexachlorobenzene
 Concen: 46.309 ng
 RT: 10.97 min Scan# 1545
 Delta R.T. -0.00 min
 Lab File: BF120443.D
 Acq: 29 May 2020 17:06

Tgt Ion:284 Resp: 417482
 Ion Ratio Lower Upper
 284 100
 142 26.0 28.5 42.7#
 249 27.9 25.0 37.6



Abundance Ion 283.80 (283.50 to 284.50): E
 600000 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

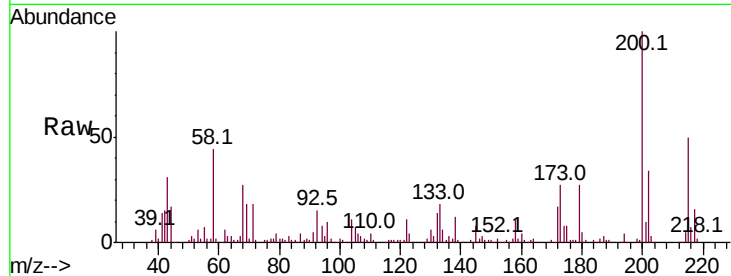




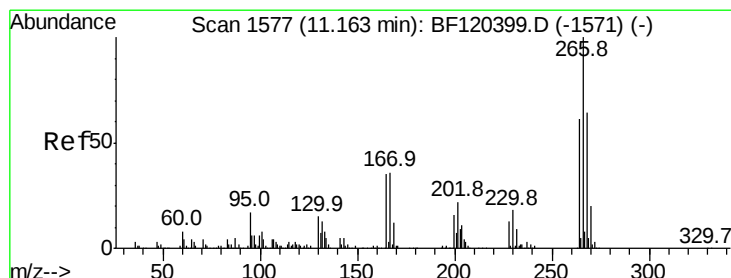
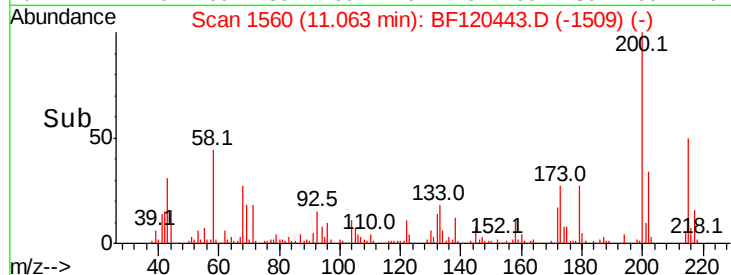
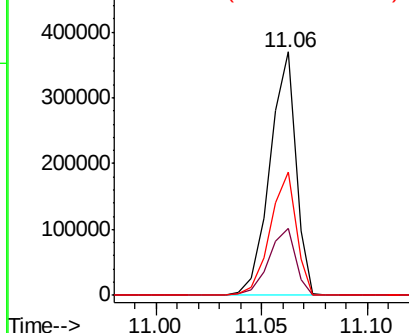
#69
Atrazine
Concen: 48.375 ng
RT: 11.06 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BF120443.D
Acq: 29 May 2020 17:06

Instrument :
BNA_F
ClientSampleId :
PB129165BS

Tot Ion:200 Resp: 317634
Ion Ratio Lower Upper
200 100
173 27.5 7.9 47.9
215 50.5 31.2 71.2

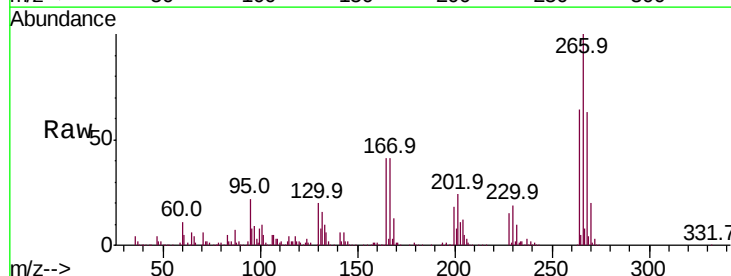


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

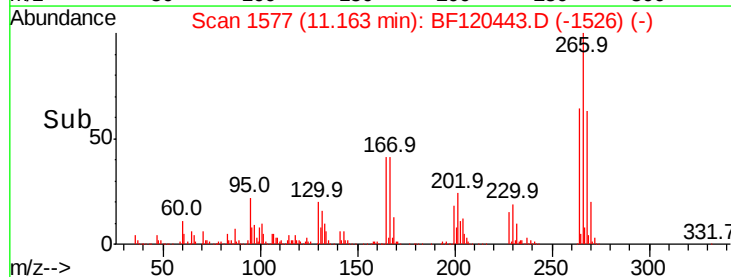
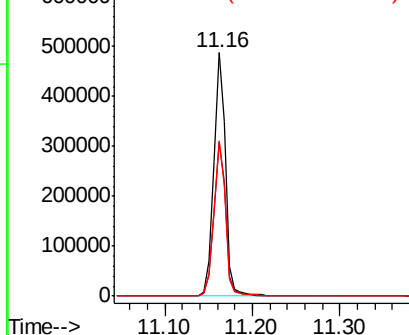


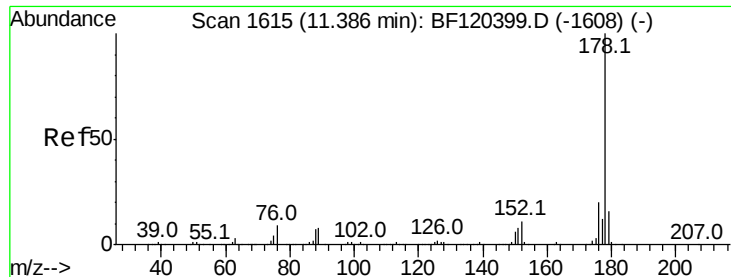
#70
Pentachlorophenol
Concen: 83.633 ng
RT: 11.16 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BF120443.D
Acq: 29 May 2020 17:06

Tgt Ion:266 Resp: 460981
Ion Ratio Lower Upper
266 100
268 63.0 51.5 77.3
264 63.6 49.1 73.7



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

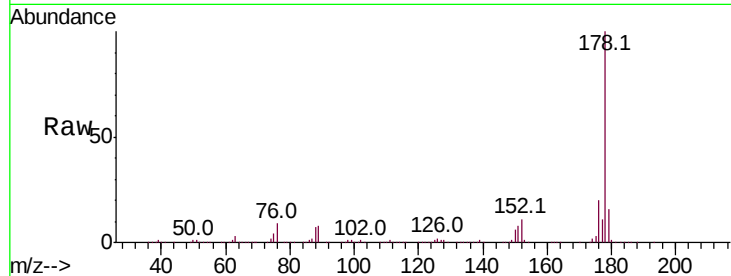




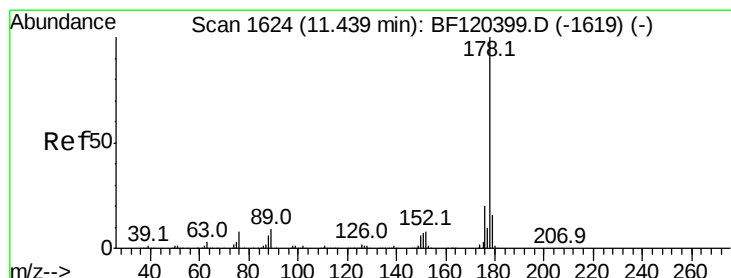
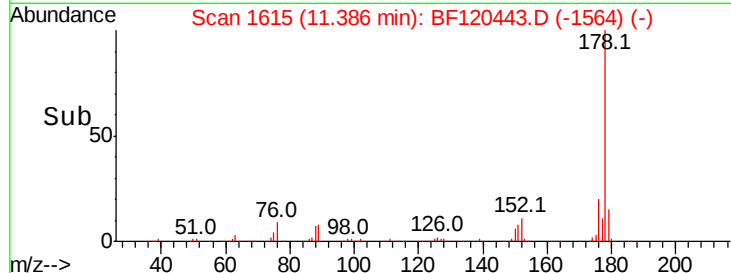
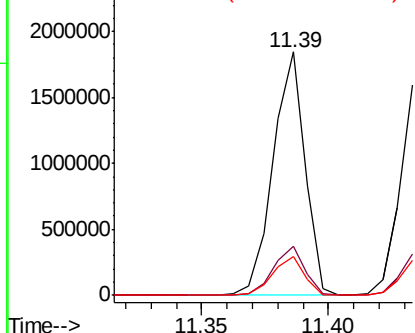
#71
Phenanthrene
Concen: 44.160 ng
RT: 11.39 min Scan# 1615
Delta R.T. -0.00 min
Lab File: BF120443.D
Acq: 29 May 2020 17:06

Instrument :
BNA_F
ClientSampleId :
PB129165BS

Tot Ion:178 Resp: 1631825
Ion Ratio Lower Upper
178 100
176 20.1 16.4 24.6
179 15.8 13.0 19.4

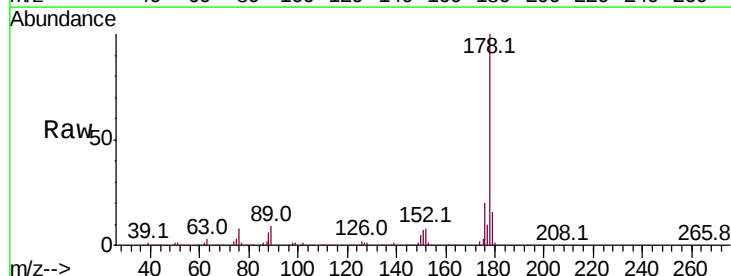


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

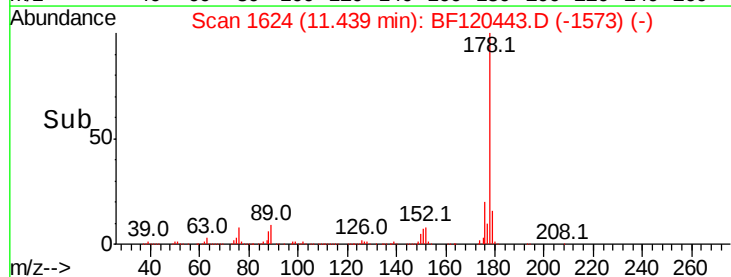
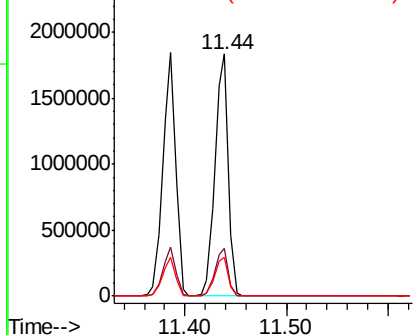


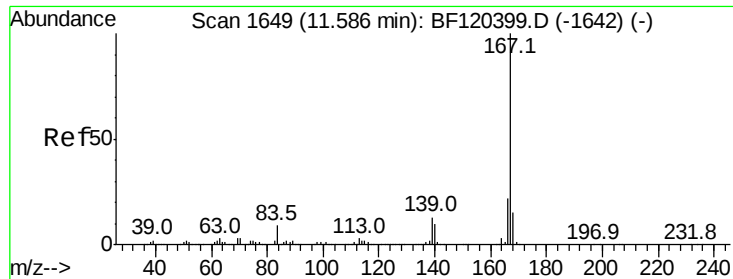
#72
Anthracene
Concen: 44.967 ng
RT: 11.44 min Scan# 1624
Delta R.T. -0.00 min
Lab File: BF120443.D
Acq: 29 May 2020 17:06

Tgt Ion:178 Resp: 1667202
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.6
179 16.0 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: 41.986 ng

RT: 11.59 min Scan# 1649

Delta R.T. -0.01 min

Lab File: BF120443.D

Acq: 29 May 2020 17:06

Instrument :

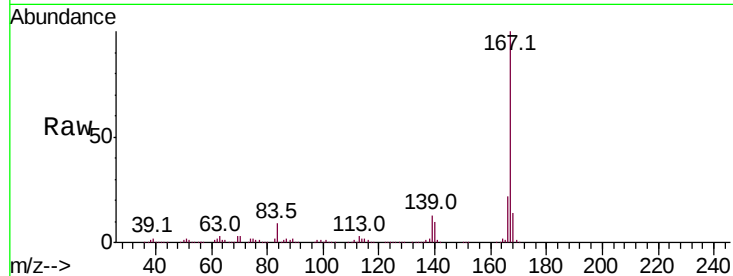
BNA_F

ClientSampleId :

PB129165BS

Tot Ion:167 Resp: 1505656

Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.8	26.6
139	13.0	10.4	15.6

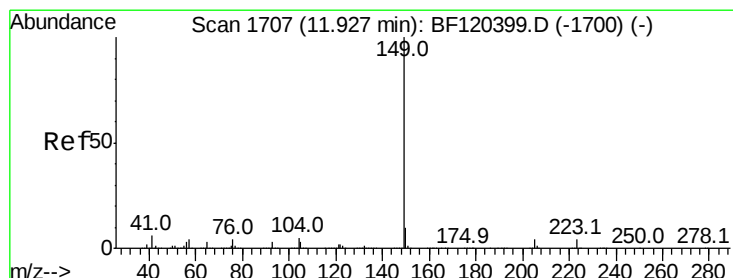
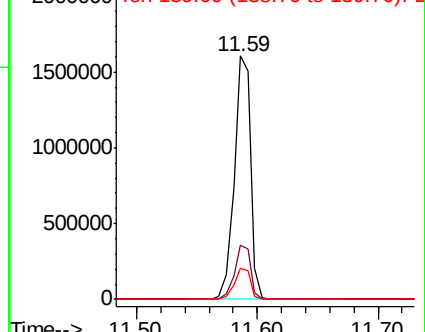
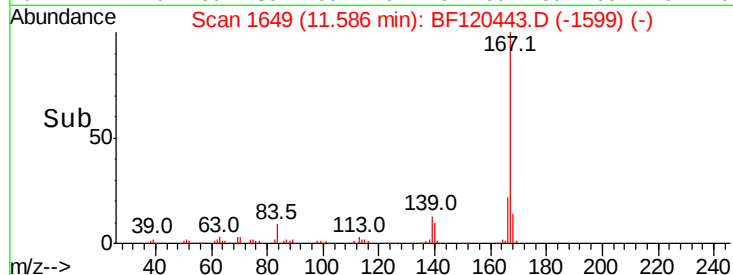


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 46.729 ng

RT: 11.92 min Scan# 1706

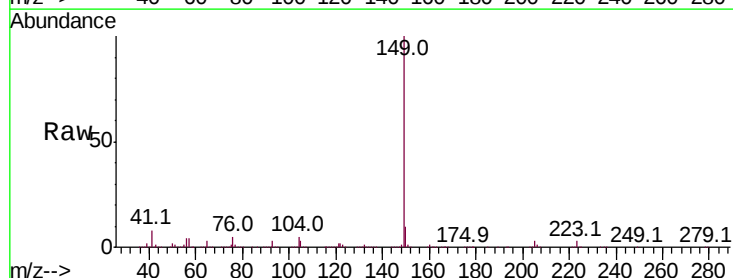
Delta R.T. -0.00 min

Lab File: BF120443.D

Acq: 29 May 2020 17:06

Tgt Ion:149 Resp: 1949358

Ion	Ratio	Lower	Upper
149	100		
150	10.1	7.7	11.5
104	5.0	3.6	5.4

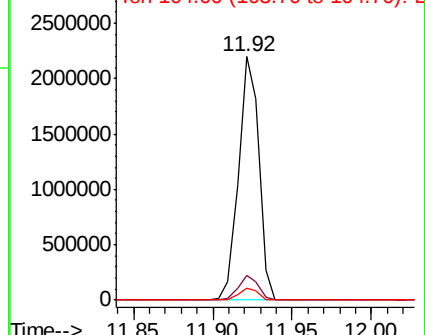
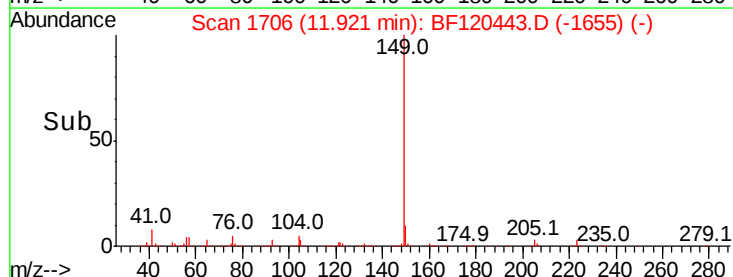


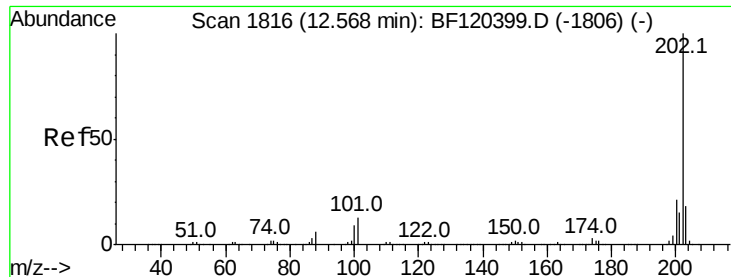
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



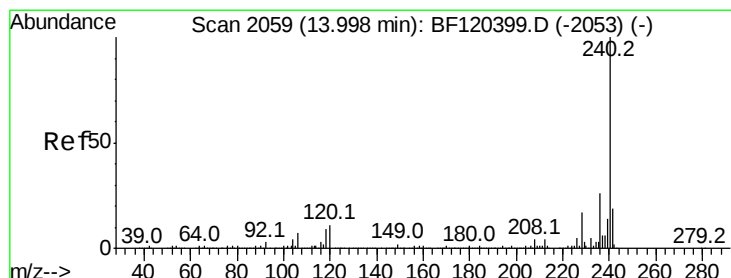
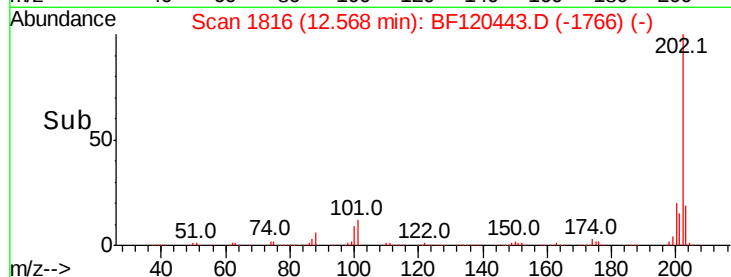
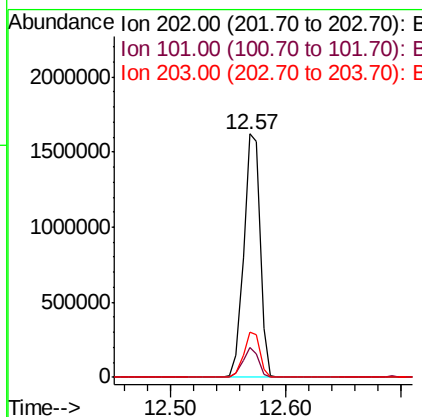
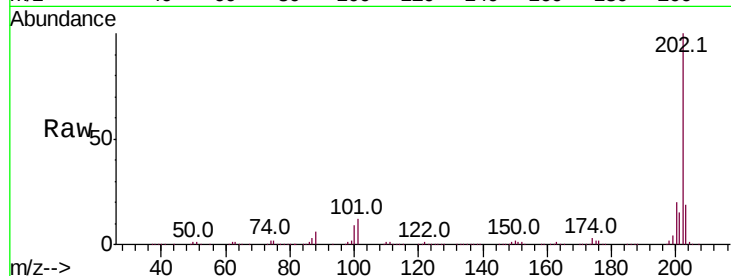


#75
 Fluoranthene
 Concen: 40.051 ng
 RT: 12.57 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: BF120443.D
 Acq: 29 May 2020 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB129165BS

Tot Ion:202 Resp: 1592494

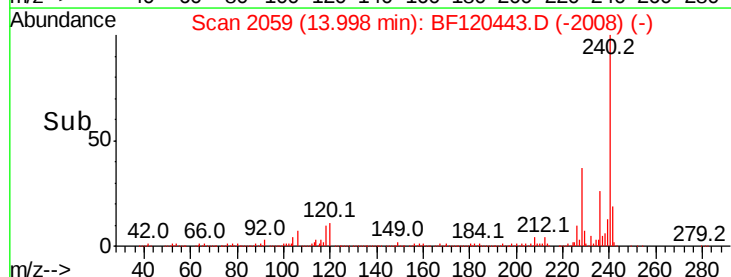
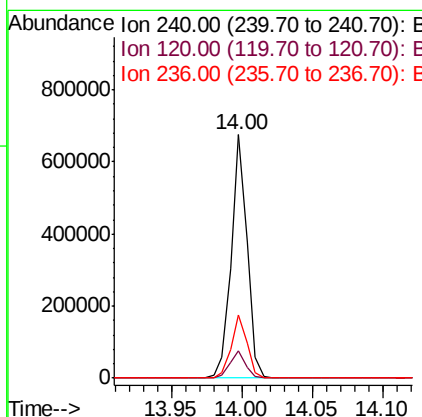
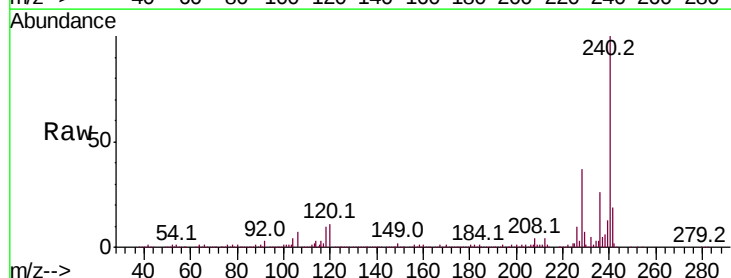
Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	32.6
203	18.5	0.0	38.4

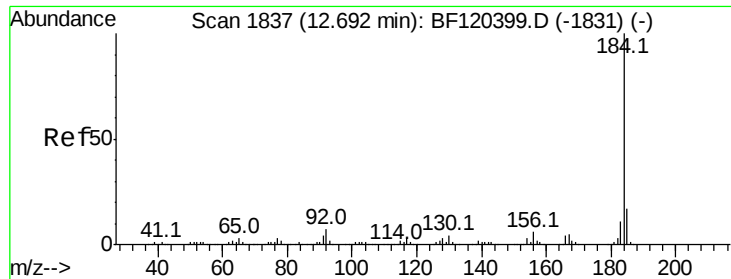


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2059
 Delta R.T. -0.00 min
 Lab File: BF120443.D
 Acq: 29 May 2020 17:06

Tgt Ion:240 Resp: 524653

Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.8	13.2
236	26.2	21.0	31.4





#77

Benzidine

Concen: 70.503 ng

RT: 12.69 min Scan# 1837

Delta R.T. -0.00 min

Lab File: BF120443.D

Acq: 29 May 2020 17:06

Instrument :

BNA_F

ClientSampleId :

PB129165BS

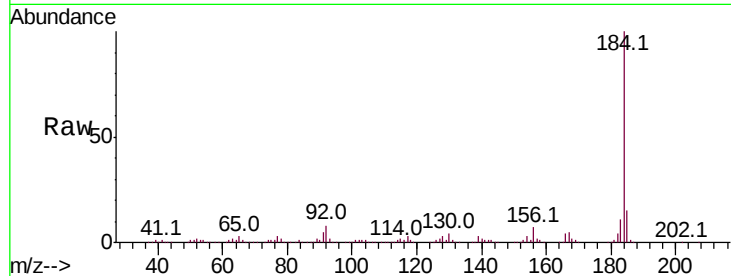
Tot Ion:184 Resp: 971882

Ion Ratio Lower Upper

184 100

185 14.7 13.4 20.0

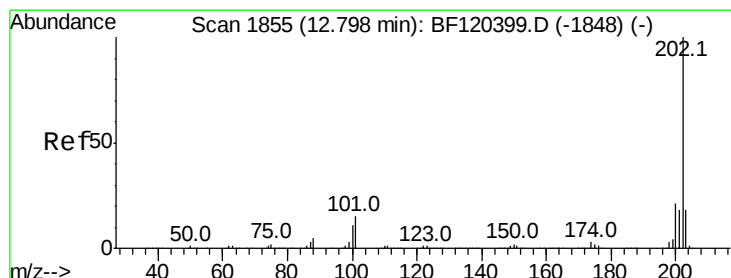
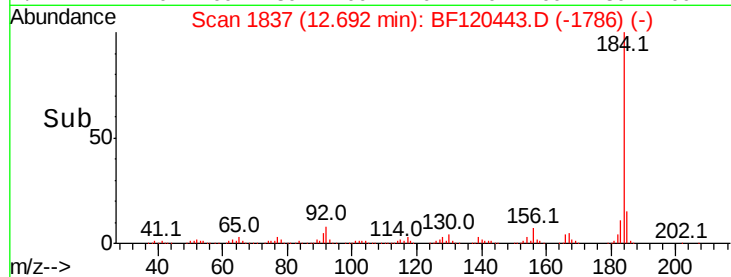
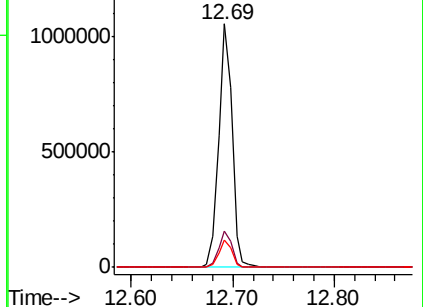
183 11.2 8.6 12.8



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: 42.991 ng

RT: 12.80 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BF120443.D

Acq: 29 May 2020 17:06

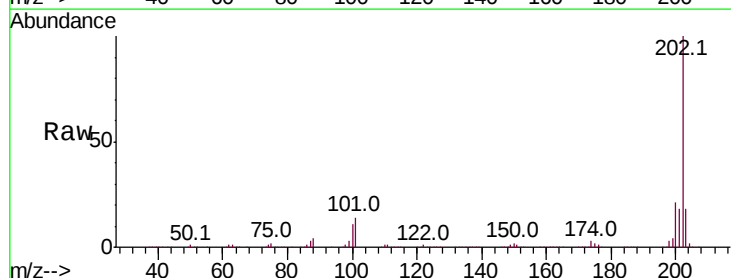
Tgt Ion:202 Resp: 1568584

Ion Ratio Lower Upper

202 100

200 21.0 17.0 25.4

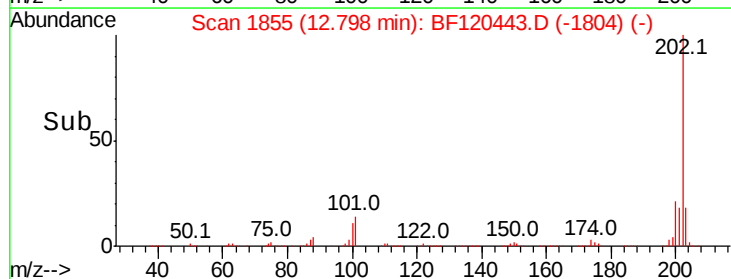
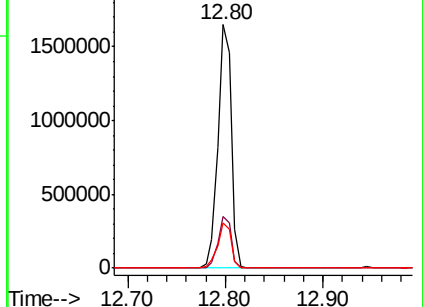
203 18.4 14.7 22.1

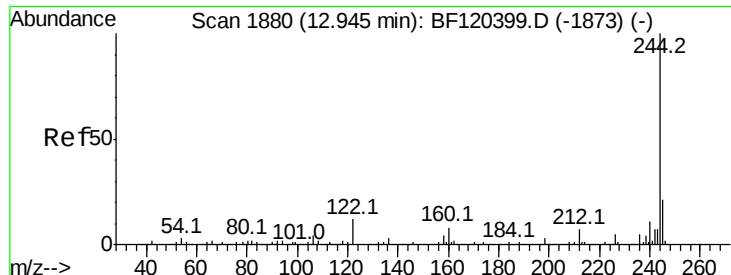


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 89.512 ng

RT: 12.94 min Scan# 1880

Delta R.T. -0.00 min

Lab File: BF120443.D

Acq: 29 May 2020 17:06

Instrument :

BNA_F

ClientSampleId :

PB129165BS

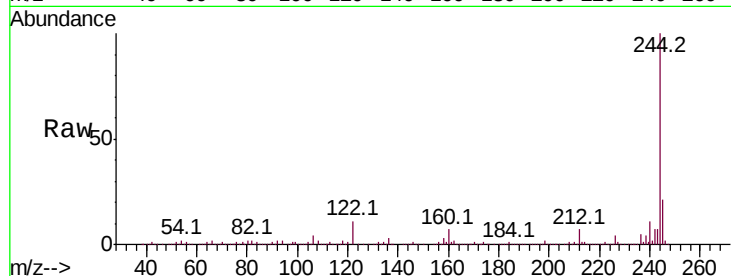
Tot Ion:244 Resp: 2110470

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

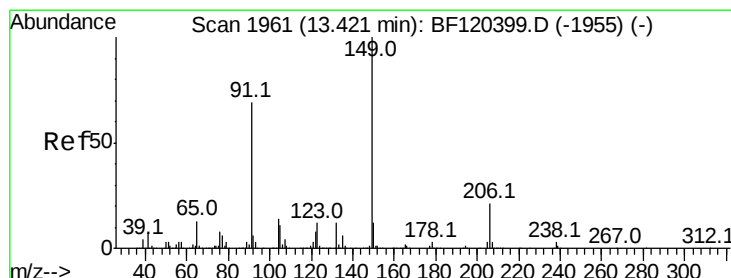
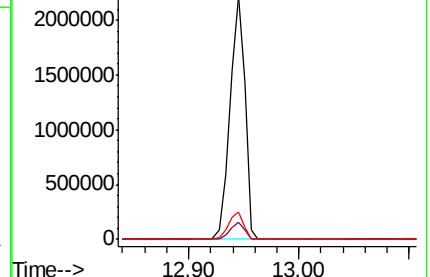
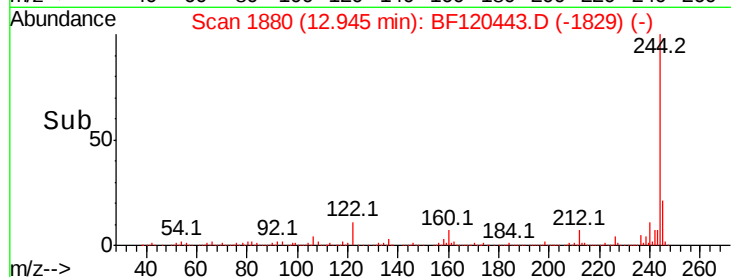
122 11.1 9.2 13.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.229 ng

RT: 13.42 min Scan# 1961

Delta R.T. -0.00 min

Lab File: BF120443.D

Acq: 29 May 2020 17:06

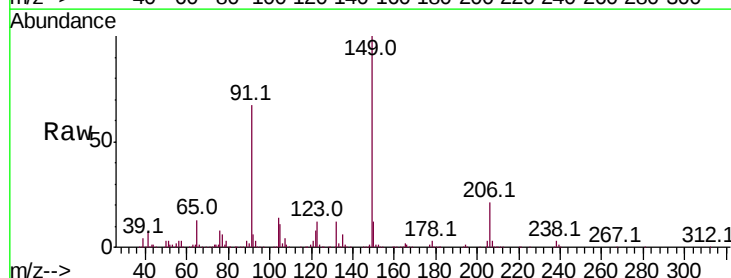
Tgt Ion:149 Resp: 704174

Ion Ratio Lower Upper

149 100

91 67.4 55.0 82.4

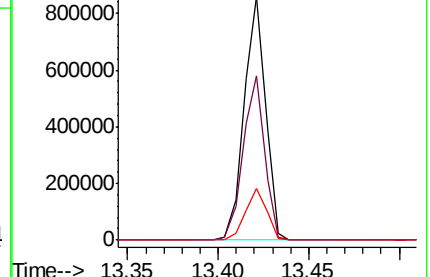
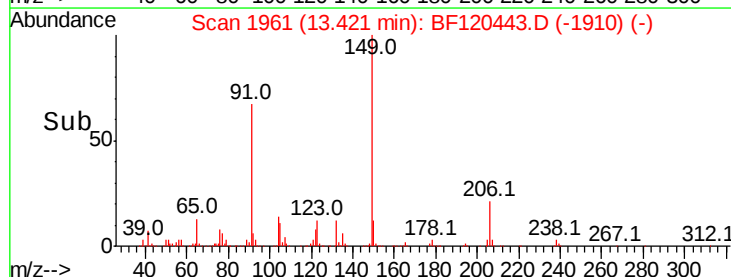
206 21.2 17.0 25.4

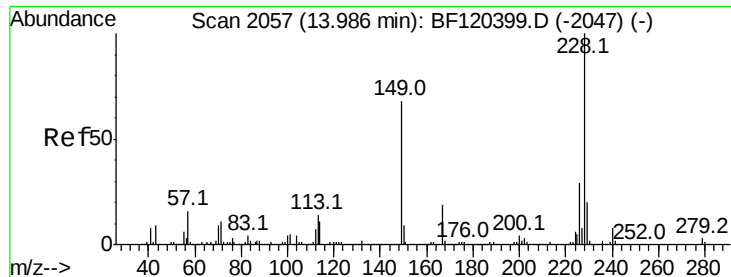


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

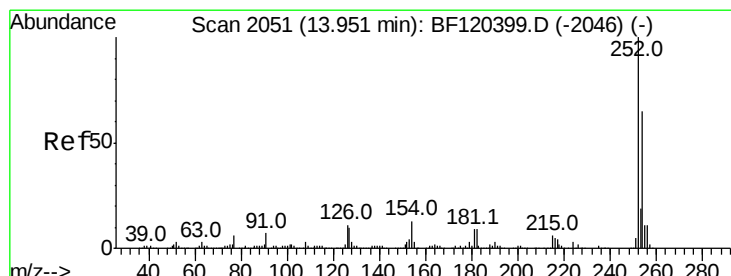
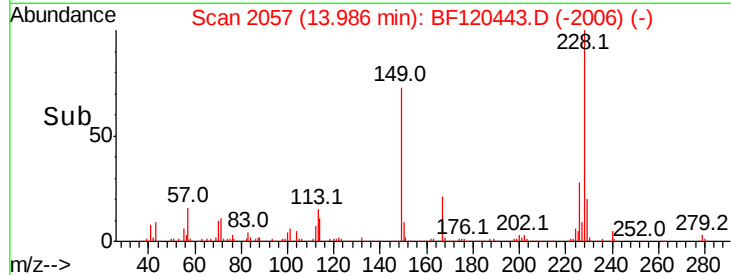
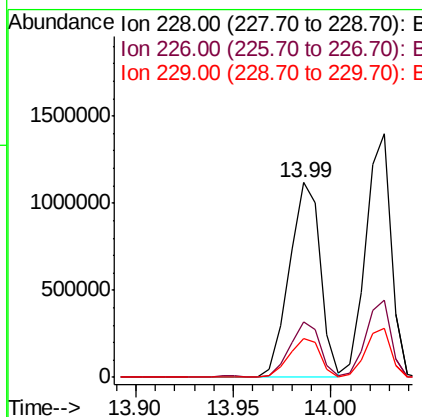
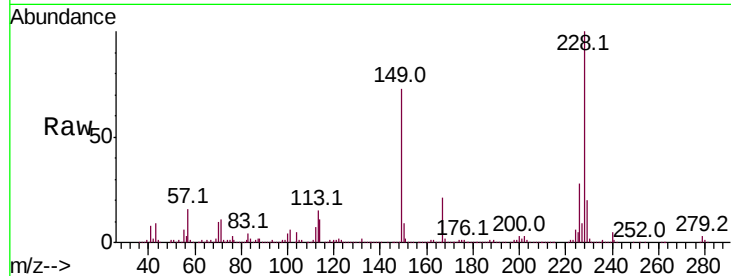




#81
 Benzo(a)anthracene
 Concen: 43.669 ng
 RT: 13.99 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: BF120443.D
 Acq: 29 May 2020 17:06

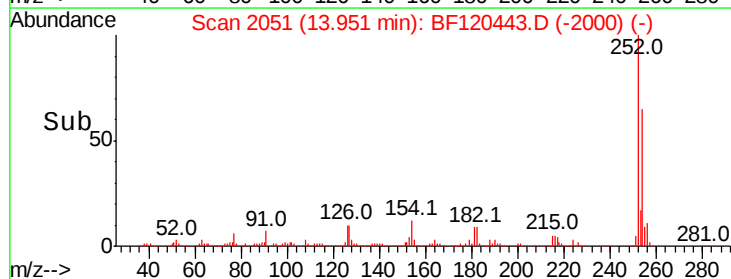
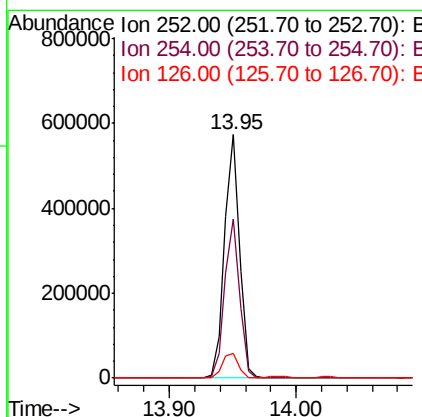
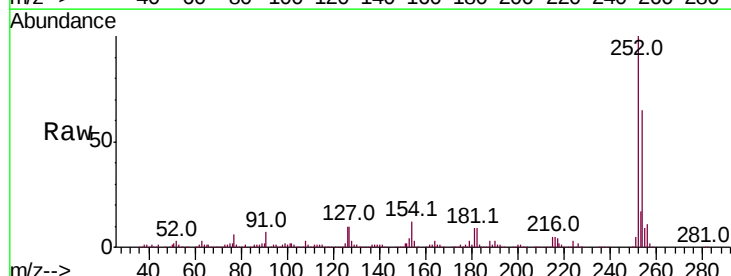
Instrument :
 BNA_F
 ClientSampleId :
 PB129165BS

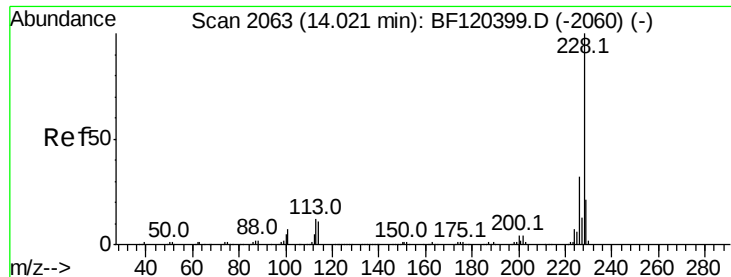
Tot Ion:	228	Resp:	1227911
Ion	Ratio	Lower	Upper
228	100		
226	28.2	23.0	34.4
229	20.1	16.2	24.4



#82
 3,3'-Dichlorobenzidine
 Concen: 46.425 ng
 RT: 13.95 min Scan# 2051
 Delta R.T. -0.00 min
 Lab File: BF120443.D
 Acq: 29 May 2020 17:06

Tgt Ion:	252	Resp:	473925
Ion	Ratio	Lower	Upper
252	100		
254	65.3	51.8	77.6
126	10.3	8.5	12.7





#83

Chrysene

Concen: 42.876 ng

RT: 14.03 min Scan# 2064

Delta R.T. -0.00 min

Lab File: BF120443.D

Acq: 29 May 2020 17:06

Instrument :

BNA_F

ClientSampleId :

PB129165BS

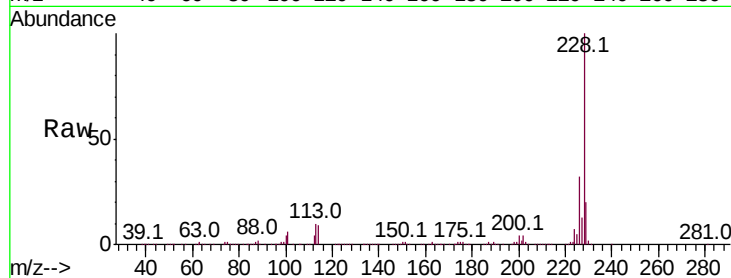
Tot Ion:228 Resp: 1263928

Ion Ratio Lower Upper

228 100

226 31.5 25.6 38.4

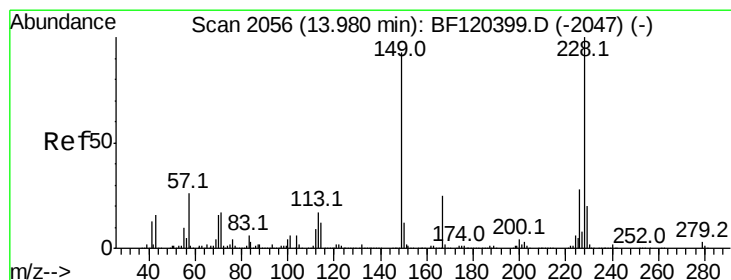
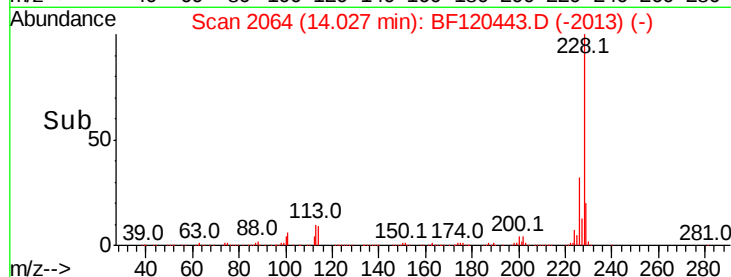
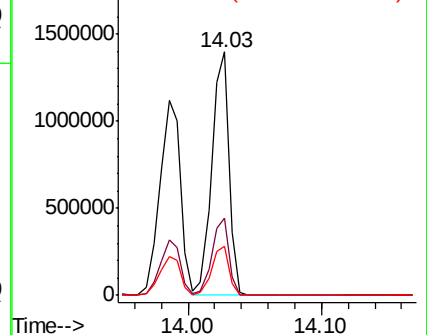
229 20.1 16.6 25.0



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: 50.896 ng

RT: 13.98 min Scan# 2056

Delta R.T. -0.00 min

Lab File: BF120443.D

Acq: 29 May 2020 17:06

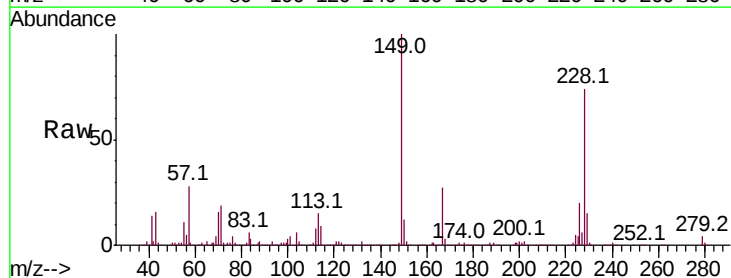
Tgt Ion:149 Resp: 910057

Ion Ratio Lower Upper

149 100

167 27.4 21.7 32.5

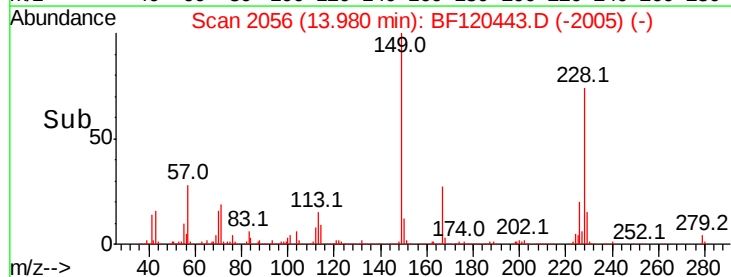
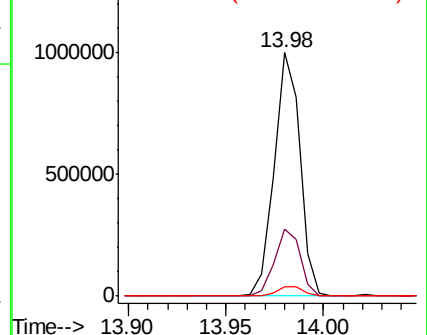
279 3.8 2.9 4.3

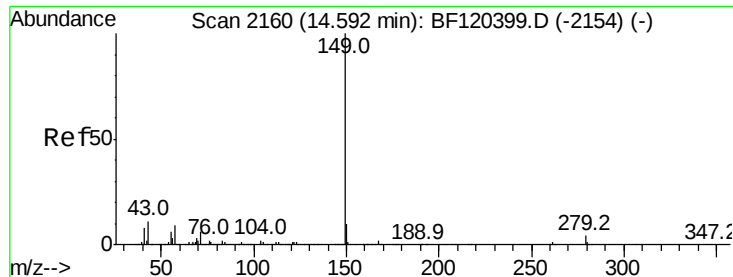


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

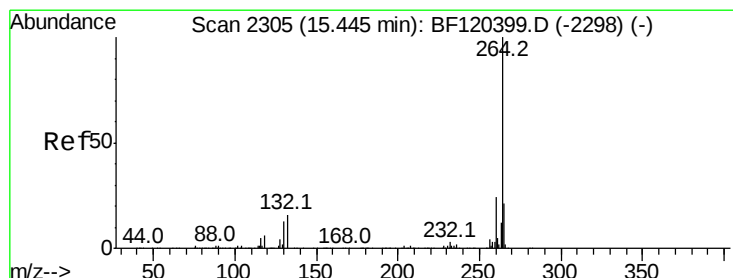
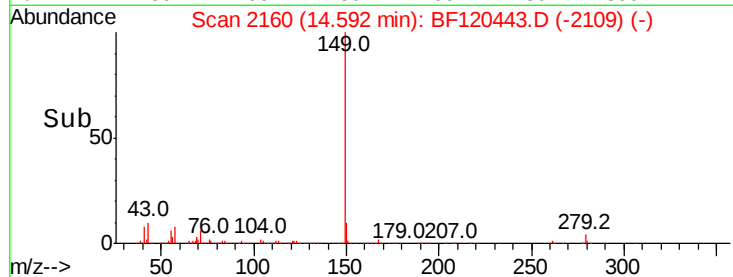
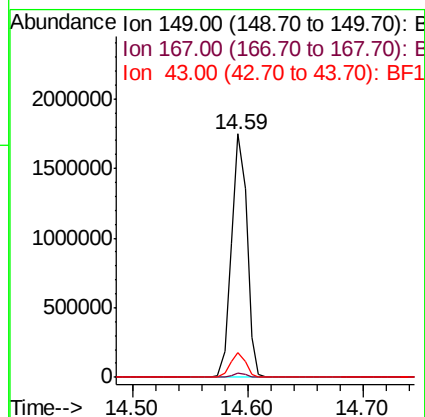
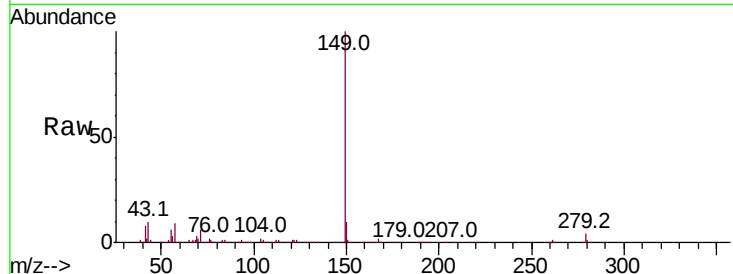




#85
Di-n-octyl phthalate
Concen: 52.380 ng
RT: 14.59 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BF120443.D
Acq: 29 May 2020 17:06

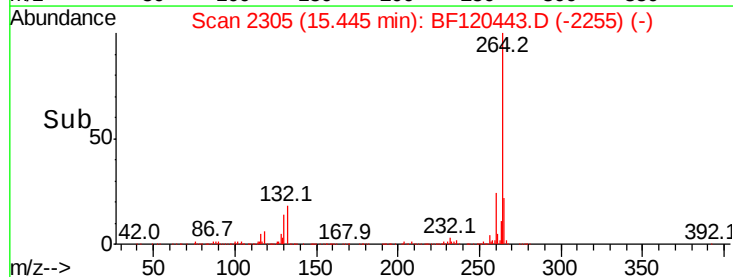
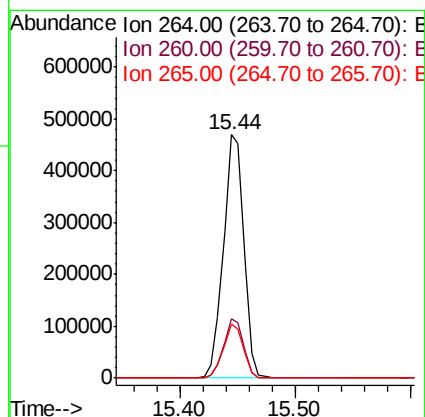
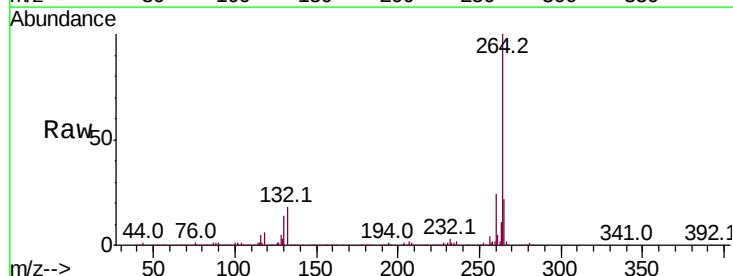
Instrument :
BNA_F
ClientSampleId :
PB129165BS

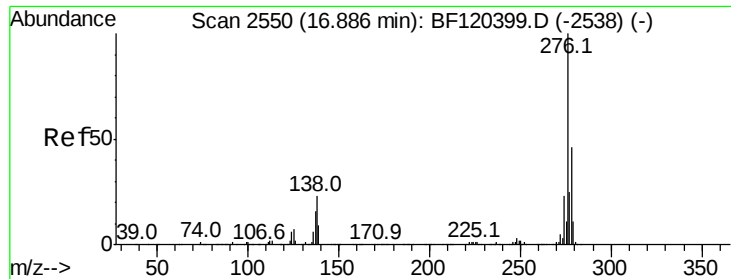
Tot Ion:149 Resp: 1620609
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.7 8.1 12.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2305
Delta R.T. -0.01 min
Lab File: BF120443.D
Acq: 29 May 2020 17:06

Tgt Ion:264 Resp: 575262
Ion Ratio Lower Upper
264 100
260 24.4 19.2 28.8
265 22.3 16.9 25.3

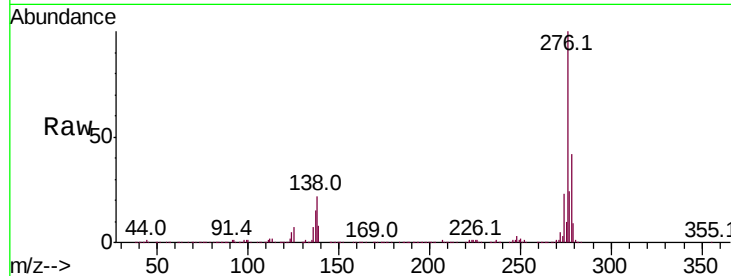




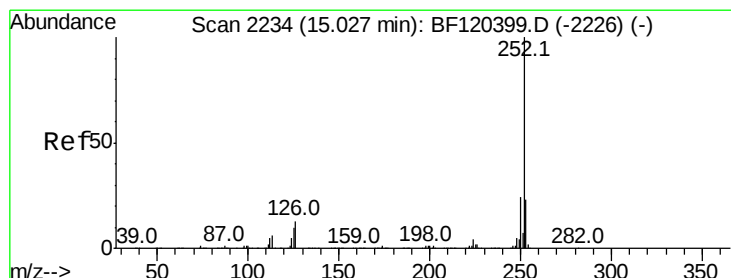
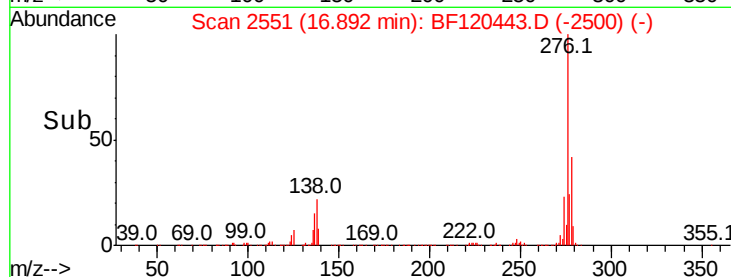
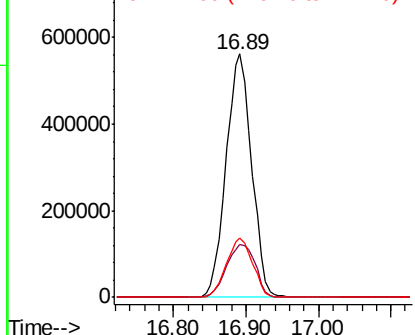
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 43.645 ng
 RT: 16.89 min Scan# 2551
 Delta R.T. -0.00 min
 Lab File: BF120443.D
 Acq: 29 May 2020 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB129165BS

Tot Ion:276 Resp: 1373232
 Ion Ratio Lower Upper
 276 100
 138 24.7 20.4 30.6
 277 25.2 20.4 30.6

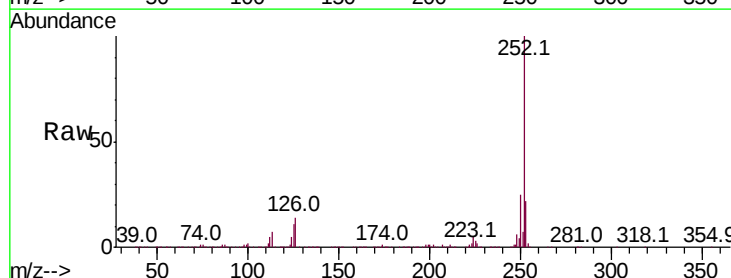


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

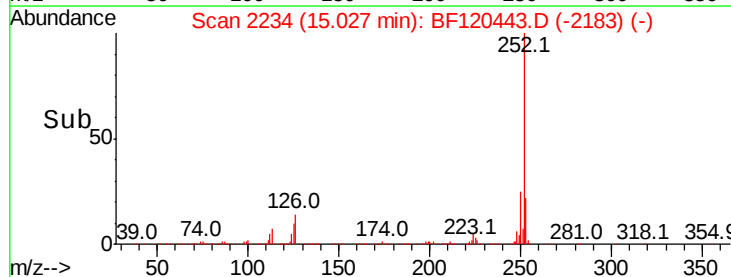
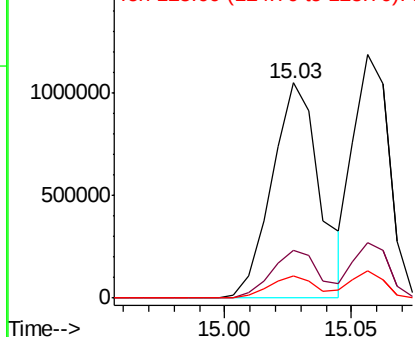


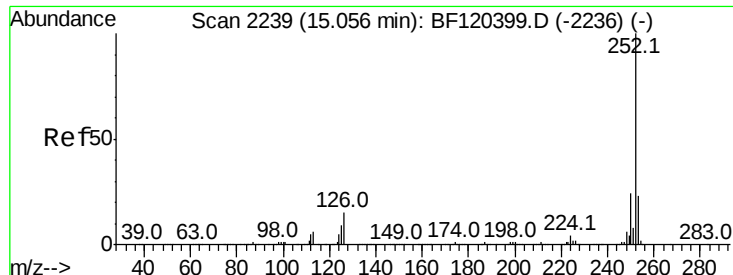
#88
 Benzo(b)fluoranthene
 Concen: 43.024 ng
 RT: 15.03 min Scan# 2234
 Delta R.T. -0.00 min
 Lab File: BF120443.D
 Acq: 29 May 2020 17:06

Tgt Ion:252 Resp: 1374690
 Ion Ratio Lower Upper
 252 100
 253 22.3 18.1 27.1
 125 10.5 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

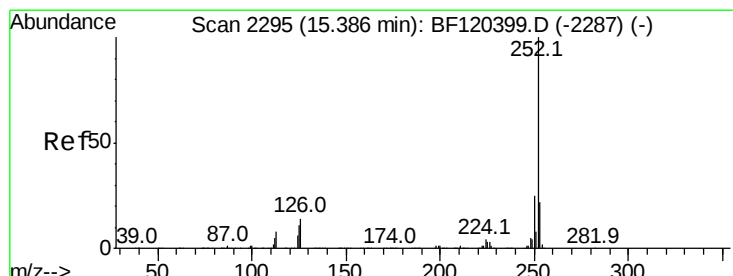
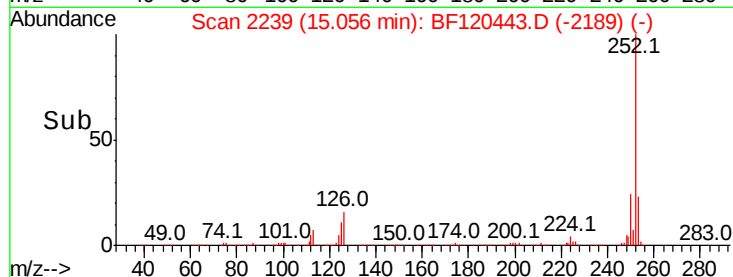
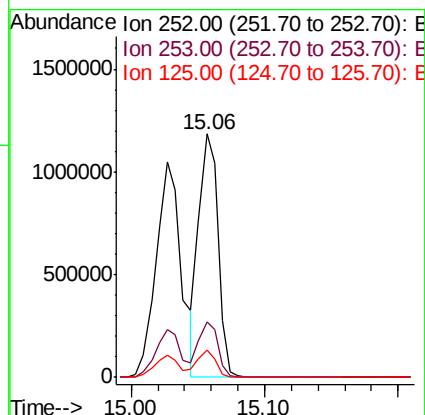
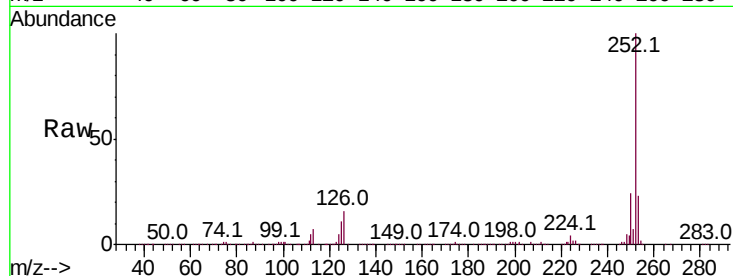




#89
Benzo(k)fluoranthene
Concen: 39.071 ng
RT: 15.06 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BF120443.D
Acq: 29 May 2020 17:06

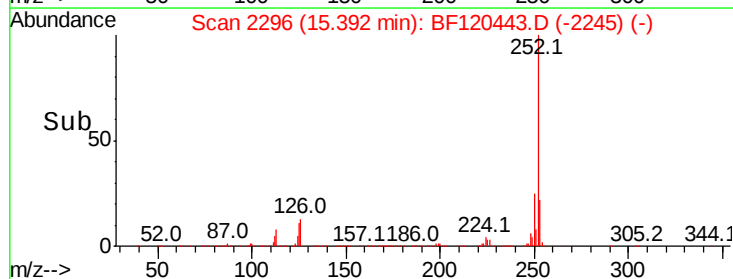
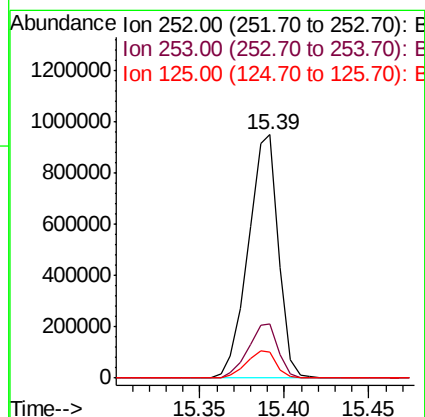
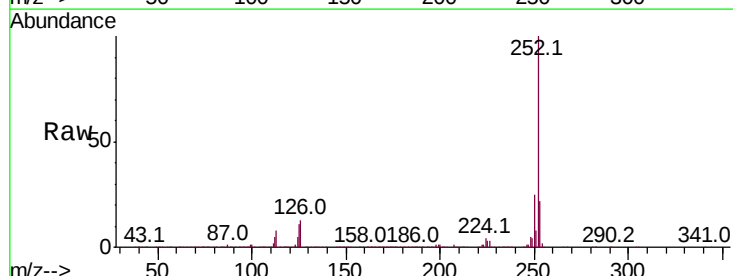
Instrument :
BNA_F
ClientSampleId :
PB129165BS

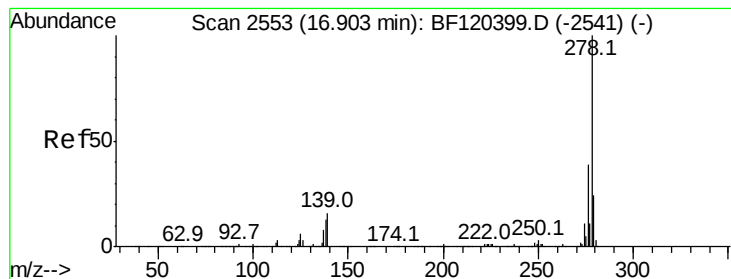
Tot Ion:252 Resp: 1165427
Ion Ratio Lower Upper
252 100
253 22.9 18.5 27.7
125 11.0 8.0 12.0



#90
Benzo(a)pyrene
Concen: 42.377 ng
RT: 15.39 min Scan# 2296
Delta R.T. -0.00 min
Lab File: BF120443.D
Acq: 29 May 2020 17:06

Tgt Ion:252 Resp: 1184354
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 10.6 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 45.081 ng

RT: 16.91 min Scan# 2554

Delta R.T. -0.00 min

Lab File: BF120443.D

Acq: 29 May 2020 17:06

Instrument :

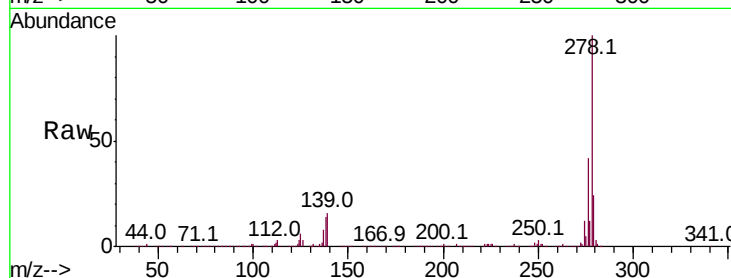
BNA_F

ClientSampleId :

PB129165BS

Tot Ion:278 Resp: 1156397

Ion	Ratio	Lower	Upper
278	100		
139	16.1	12.8	19.2
279	24.2	19.0	28.4

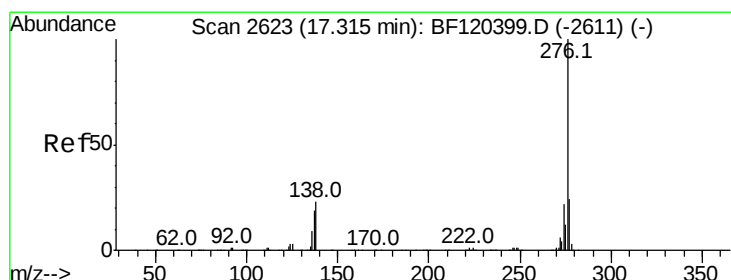
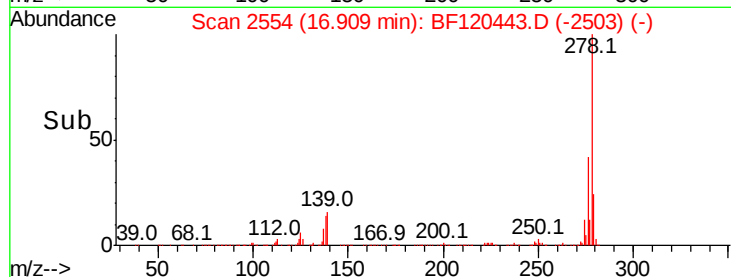
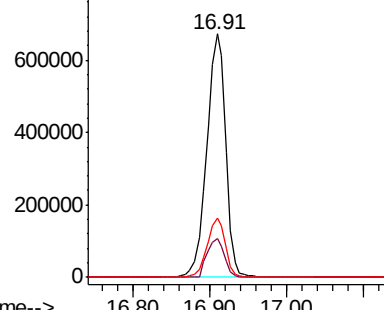


Abundance

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: 44.552 ng

RT: 17.33 min Scan# 2625

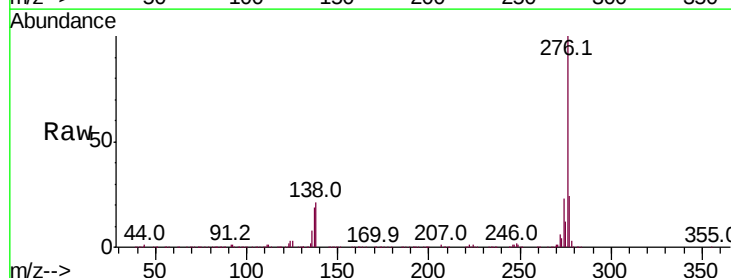
Delta R.T. -0.00 min

Lab File: BF120443.D

Acq: 29 May 2020 17:06

Tgt Ion:276 Resp: 1127162

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.5	29.3
138	21.1	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

