

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072920\
 Data File : BF121116.D
 Acq On : 29 Jul 2020 22:33
 Operator : JU/CG
 Sample : L3436-20MSD 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20MSD

Quant Time: Jul 30 00:58:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	181935	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	676990	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	323807	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	550058	20.00	ng	0.00
76) Chrysene-d12	13.97	240	459949	20.00	ng	0.00
86) Perylene-d12	15.43	264	389552	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	149767	13.50	ng	0.00
7) Phenol-d6	6.44	99	182616	12.74	ng	0.00
23) Nitrobenzene-d5	7.36	82	104551	8.94	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	41062	11.59	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	217780	10.04	ng	0.00
79) Terphenyl-d14	12.91	244	194924	9.21	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.49	88	24240	4.746	ng	97
3) Pyridine	3.26	79	46089	3.392	ng	99
4) n-Nitrosodimethylamine	3.16	42	28093	4.835	ng	# 93
6) Aniline	6.46	93	74550	3.984	ng	# 86
8) 2-Chlorophenol	6.59	128	62492	5.111	ng	98
9) Benzaldehyde	6.35	77	44874	3.648	ng	98
10) Phenol	6.46	94	82156	5.210	ng	98
11) bis(2-Chloroethyl)ether	6.53	93	61109	5.056	ng	97
12) 1,3-Dichlorobenzene	6.75	146	67247	5.073	ng	98
13) 1,4-Dichlorobenzene	6.82	146	68693	5.211	ng	99
14) 1,2-Dichlorobenzene	6.97	146	65364	5.241	ng	99
15) Benzyl Alcohol	6.95	79	46333	4.570	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.08	45	82515	4.737	ng	95
17) 2-Methylphenol	7.07	107	50406	4.652	ng	98
18) Hexachloroethane	7.32	117	10509	2.203	ng	93
19) n-Nitroso-di-n-propylamine	7.21	70	43383	5.322	ng	97
20) 3+4-Methylphenols	7.22	107	66369	4.815	ng	# 72
22) Acetophenone	7.21	105	91621	6.030	ng	# 91
24) Nitrobenzene	7.39	77	61659	4.890	ng	98
25) Isophorone	7.62	82	114457	4.902	ng	95
26) 2-Nitrophenol	7.70	139	18291	3.054	ng	92
27) 2,4-Dimethylphenol	7.75	122	53719	5.525	ng	94
28) bis(2-Chloroethoxy)methane	7.83	93	73000	5.122	ng	99
29) 2,4-Dichlorophenol	7.96	162	49248	4.956	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	55510	5.035	ng	98
31) Naphthalene	8.11	128	228121	6.569	ng	99
33) 4-Chloroaniline	8.16	127	61395	3.963	ng	99
34) Hexachlorobutadiene	8.23	225	33139	5.099	ng	96
35) Caprolactam	8.49	113	14642	4.595	ng	# 83
36) 4-Chloro-3-methylphenol	8.65	107	50686	4.974	ng	99
37) 2-Methylnaphthalene	8.80	142	142543	6.322	ng	98
38) 1-Methylnaphthalene	8.90	142	133048	6.230	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	54354	5.761	ng	97
43) 2,4,6-Trichlorophenol	9.08	196	32719	4.926	ng	96

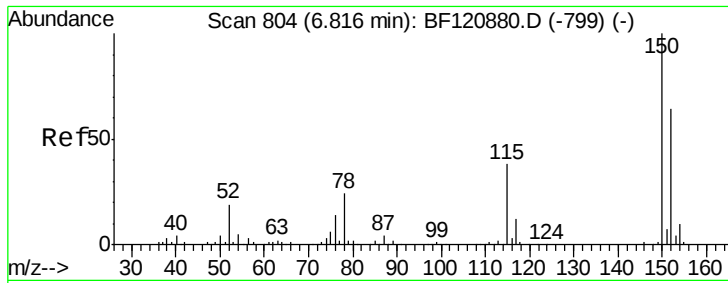
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072920\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.13	196	33951	4.506	nq	96
46) 1,1'-Biphenyl	9.26	154	148604	6.016	nq	99
47) 2-Chloronaphthalene	9.29	162	106452	5.286	nq	97
48) 2-Nitroaniline	9.39	65	32765	5.384	nq	99
49) Acenaphthylene	9.70	152	229306	7.330	nq	98
50) Dimethylphthalate	9.56	163	165385	7.080	nq	99
51) 2,6-Dinitrotoluene	9.62	165	18710	3.728	nq	91
52) Acenaphthene	9.87	154	131799	6.626	nq	99
53) 3-Nitroaniline	9.79	138	31483	5.002	nq	89
55) Dibenzofuran	10.05	168	171698	5.969	nq	97
56) 4-Nitrophenol	9.97	139	31155	6.516	nq	93
57) 2,4-Dinitrotoluene	10.03	165	20464	3.105	nq	87
58) Fluorene	10.39	166	163840	7.637	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	23929	4.171	nq	# 93
60) Diethylphthalate	10.26	149	119517	5.058	nq	99
61) 4-Chlorophenyl-phenylether	10.38	204	56503	4.938	nq	99
62) 4-Nitroaniline	10.40	138	33254	5.423	nq	95
63) Azobenzene	10.54	77	102375	4.551	nq	98
65) 4,6-Dinitro-2-methylphenol	10.17	198	1315	4.223	nq	79
66) n-Nitrosodiphenylamine	10.50	169	101322	5.855	nq	98
67) 4-Bromophenyl-phenylether	10.87	248	32195	5.250	nq	95
68) Hexachlorobenzene	10.94	284	34077	5.137	nq	# 88
69) Atrazine	11.03	200	25323	5.909	nq	98
70) Pentachlorophenol	11.14	266	22906	6.027	nq	99
71) Phenanthrene	11.35	178	535059	18.914	nq	99
72) Anthracene	11.40	178	292224	10.287	nq	99
73) Carbazole	11.56	167	169004	5.995	nq	100
74) Di-n-butylphthalate	11.89	149	183415	5.638	nq	97
75) Fluoranthene	12.54	202	811457	25.878	nq	99
77) Benzidine	12.66	184	44103	3.647	nq	98
78) Pyrene	12.77	202	833807	25.641	nq	99
80) Butylbenzylphthalate	13.39	149	71224	4.913	nq	94
81) Benzo(a)anthracene	13.96	228	456188	16.379	nq	96
82) 3,3'-Dichlorobenzidine	13.92	252	50779	4.832	nq	99
83) Chrysene	14.00	228	444179	15.175	nq	98
84) Bis(2-ethylhexyl)phthalate	13.94	149	105186	5.884	nq	99
85) Di-n-octyl phthalate	14.56	149	168767	4.745	nq	# 93
87) Indeno(1,2,3-cd)pyrene	16.86	276	211318	7.800	nq	98
88) Benzo(b)fluoranthene	15.00	252	395308	16.788	nq	97
89) Benzo(k)fluoranthene	15.00	252	395308	18.408	nq	98
90) Benzo(a)pyrene	15.36	252	309737	14.417	nq	98
91) Dibenzo(a,h)anthracene	16.87	278	114361	5.168	nq	# 93
92) Benzo(g,h,i)perylene	17.29	276	188609	8.644	nq	99

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

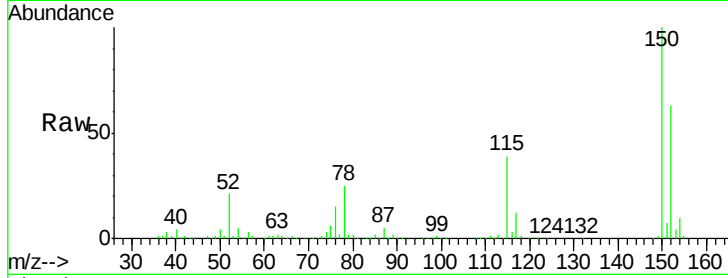


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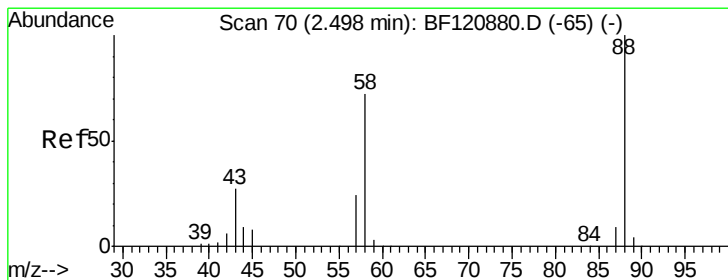
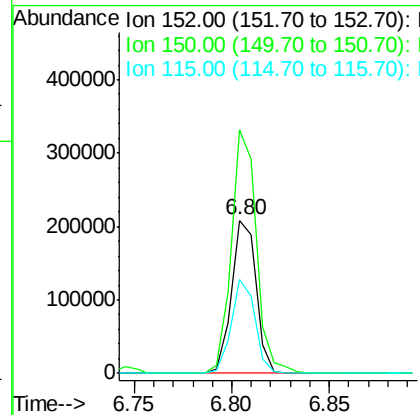
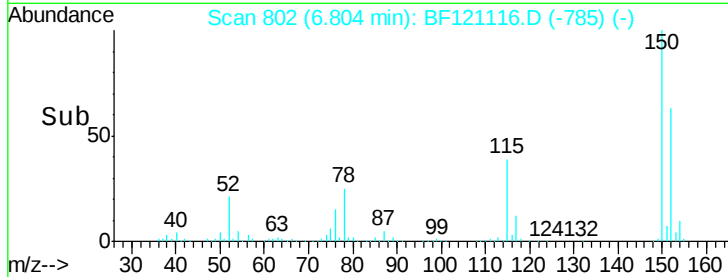
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF121116.D
Acq: 29 Jul 2020 22:33

Instrument :
BNA_F
ClientSampleId :
20MSD

Tot Ion:152 Resp: 181935
Ion Ratio Lower Upper
152 100
150 159.0 125.6 188.4
115 61.5 46.2 69.2



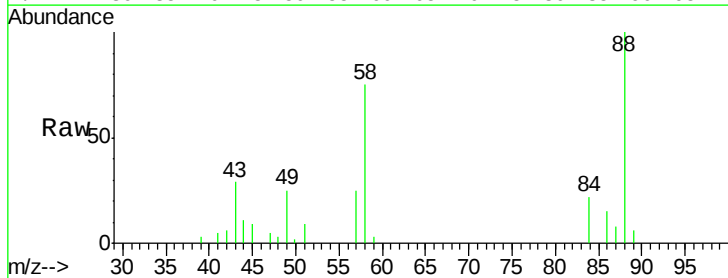
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



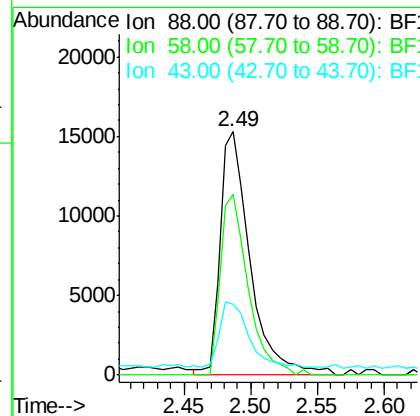
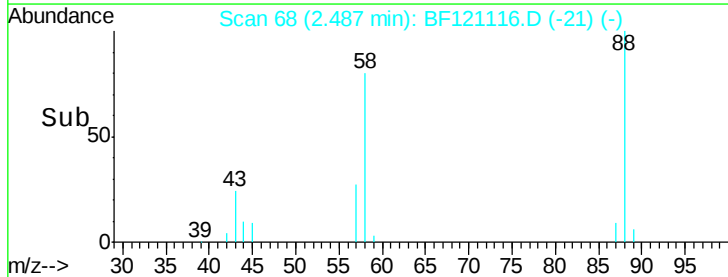
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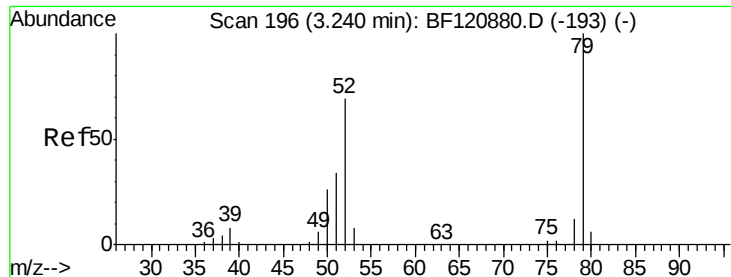
1,4-Dioxane
Concen: 4.746 ng
RT: 2.49 min Scan# 68
Delta R.T. -0.02 min
Lab File: BF121116.D
Acq: 29 Jul 2020 22:33

Tgt Ion: 88 Resp: 24240
Ion Ratio Lower Upper
88 100
58 68.9 58.2 87.4
43 26.7 21.3 31.9



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: 3.392 ng

RT: 3.26 min Scan# 200

Delta R.T. 0.01 min

Lab File: BF121116.D

Acq: 29 Jul 2020 22:33

Instrument :

BNA_F

ClientSampleId :

20MSD

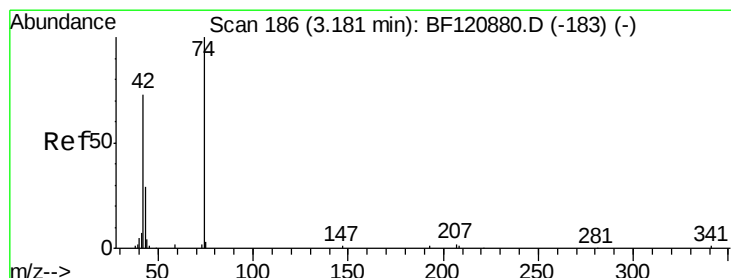
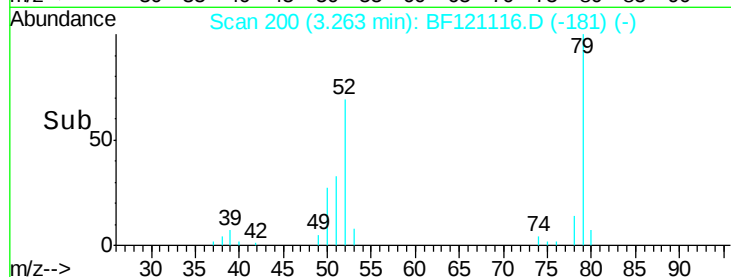
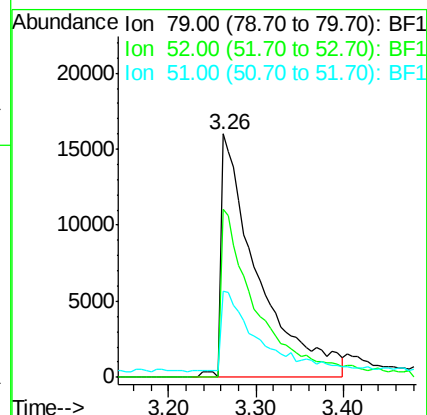
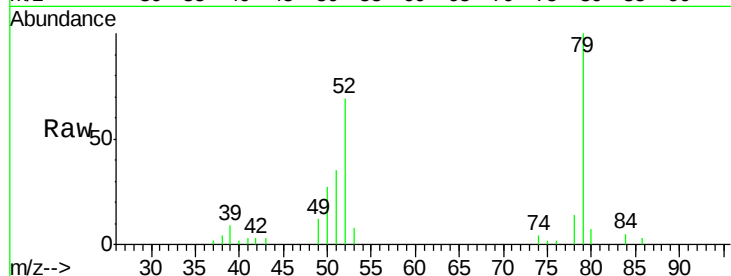
Tot Ion: 79 Resp: 46089

Ion Ratio Lower Upper

79 100

52 68.8 54.9 82.3

51 35.5 27.4 41.0



#4

n-Nitrosodimethylamine

Concen: 4.835 ng

RT: 3.16 min Scan# 183

Delta R.T. -0.04 min

Lab File: BF121116.D

Acq: 29 Jul 2020 22:33

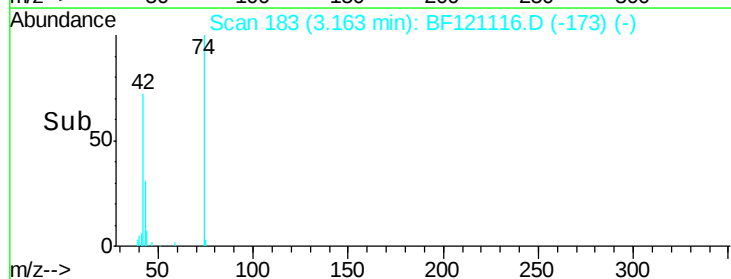
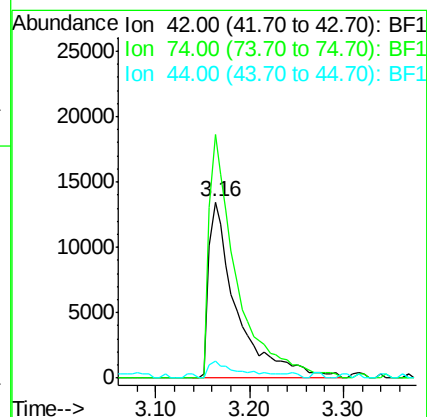
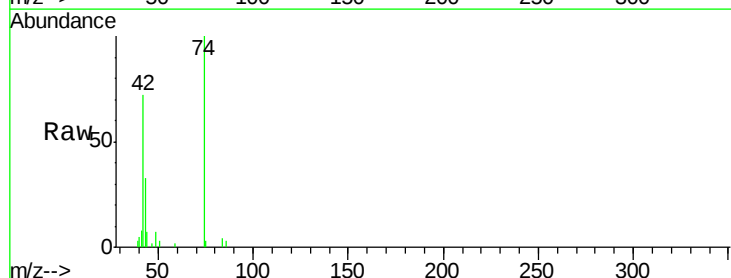
Tgt Ion: 42 Resp: 28093

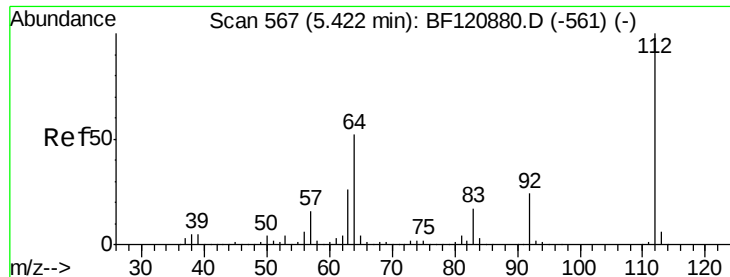
Ion Ratio Lower Upper

42 100

74 138.1 117.3 175.9

44 9.9 5.9 8.9#





#5

2-Fluorophenol

Concen: 13.495 ng

RT: 5.42 min Scan# 566

Delta R.T. -0.00 min

Lab File: BF121116.D

Acq: 29 Jul 2020 22:33

Instrument :

BNA_F

ClientSampleId :

20MSD

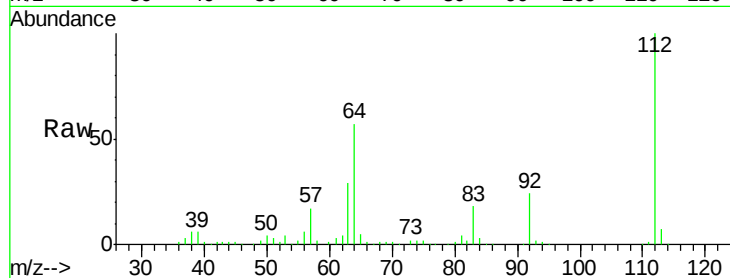
Tot Ion: 112 Resp: 149767

Ion Ratio Lower Upper

112 100

64 56.8 43.9 65.9

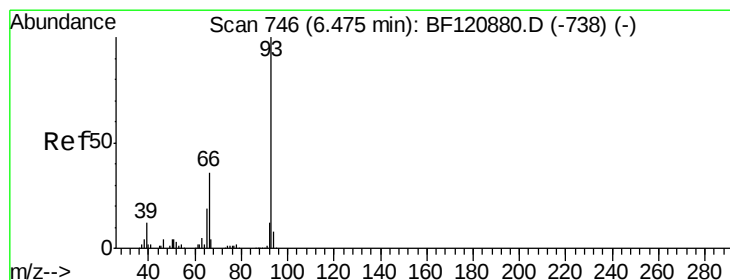
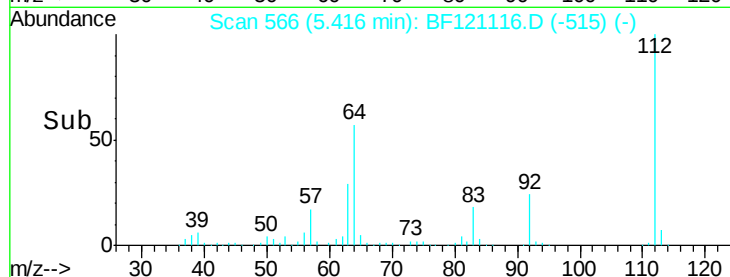
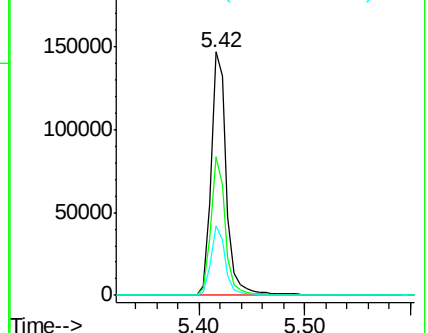
63 28.6 22.7 34.1



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: 3.984 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF121116.D

Acq: 29 Jul 2020 22:33

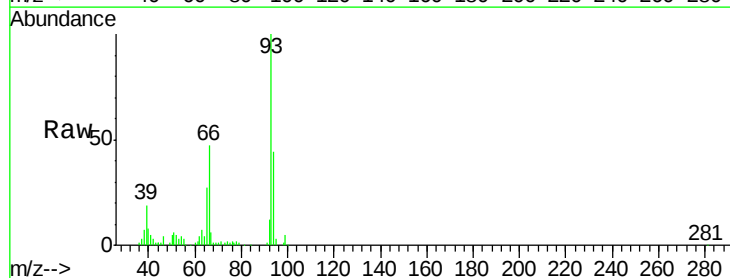
Tgt Ion: 93 Resp: 74550

Ion Ratio Lower Upper

93 100

66 46.5 31.0 46.4#

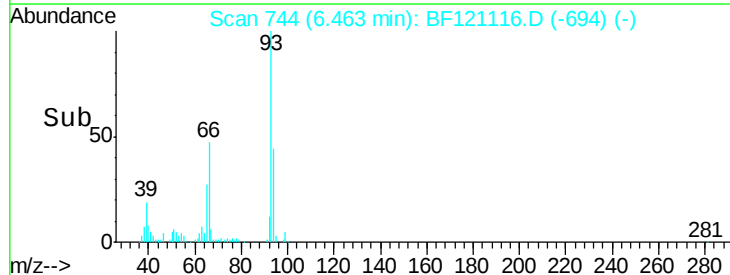
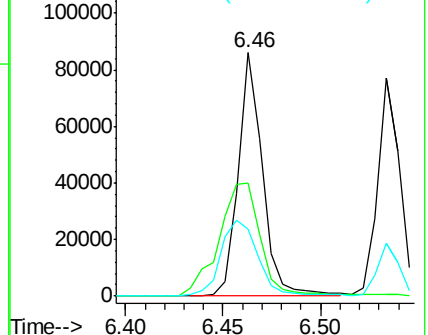
65 27.3 16.2 24.4#

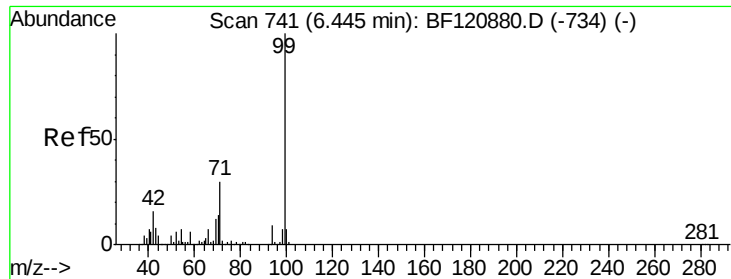


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 12.739 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF121116.D

Acq: 29 Jul 2020 22:33

Instrument :

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ClientSampleId :

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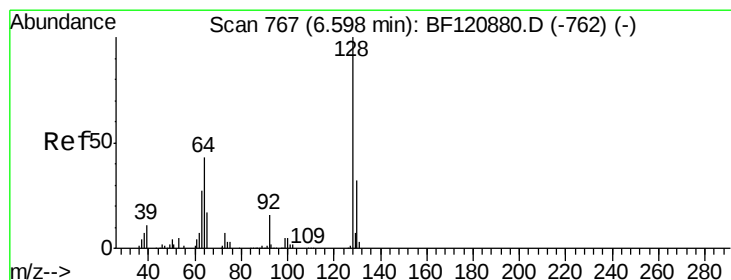
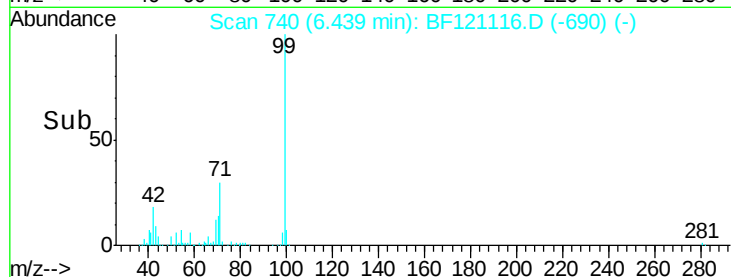
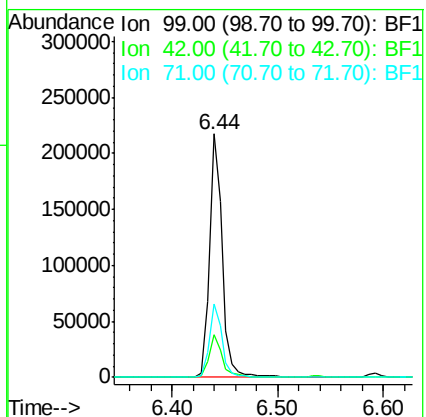
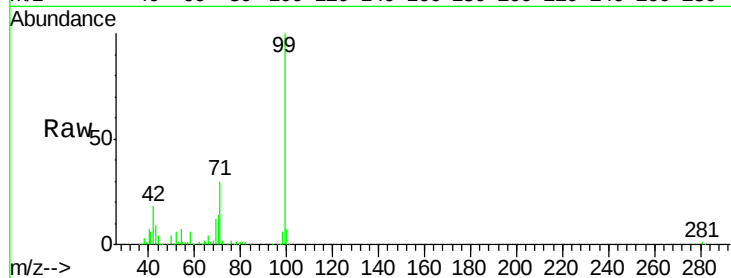
Tot Ion: 99 Resp: 182616

Ion Ratio Lower Upper

99 100

42 17.7 13.5 20.3

71 30.1 25.0 37.4



#8

2-Chlorophenol

Concen: 5.111 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF121116.D

Acq: 29 Jul 2020 22:33

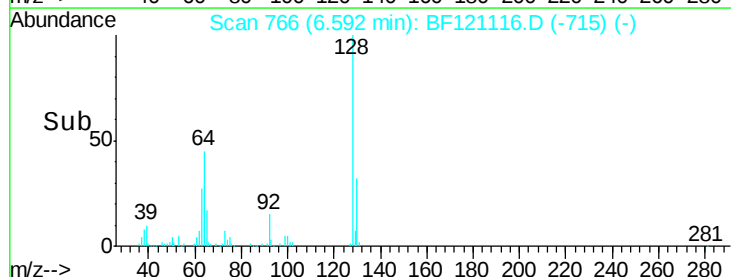
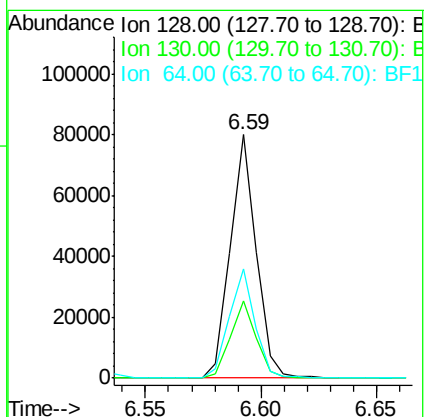
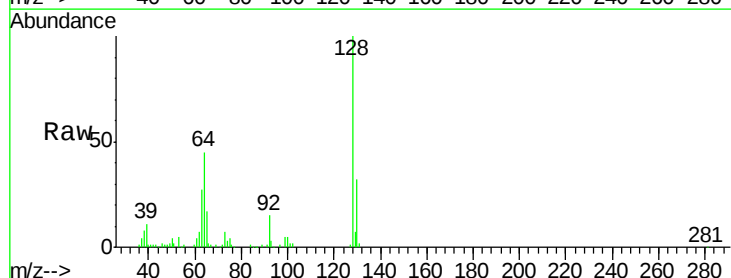
Tgt Ion: 128 Resp: 62492

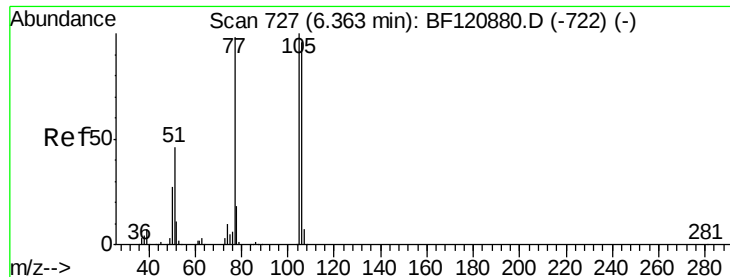
Ion Ratio Lower Upper

128 100

130 31.8 12.7 52.7

64 45.0 23.8 63.8





#9

Benzaldehyde

Concen: 3.648 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF121116.D

Acq: 29 Jul 2020 22:33

Instrument :

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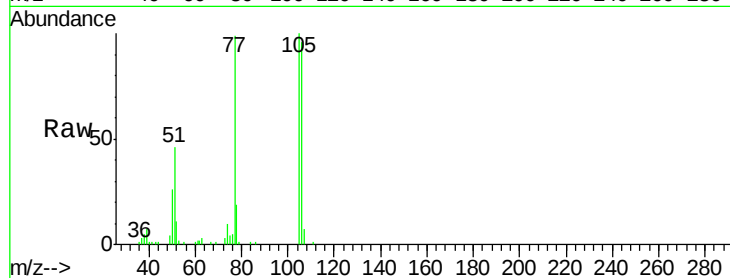
Tot Ion: 77 Resp: 44874

Ion Ratio Lower Upper

77 100

105 100.7 82.4 122.4

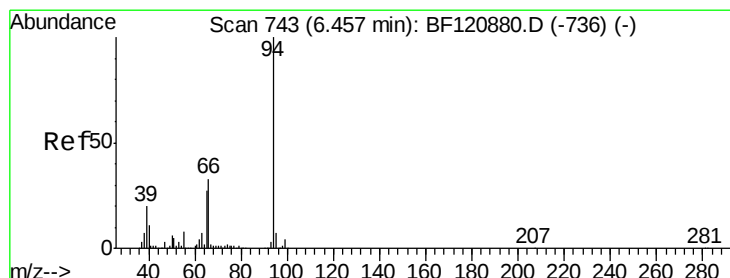
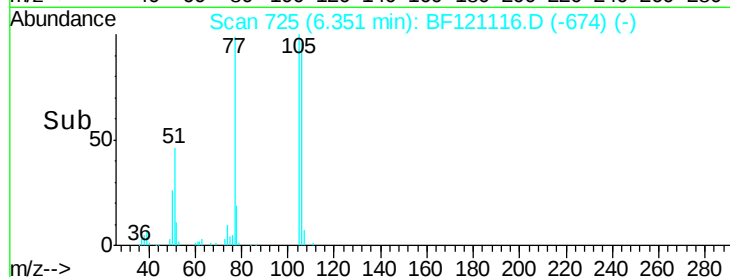
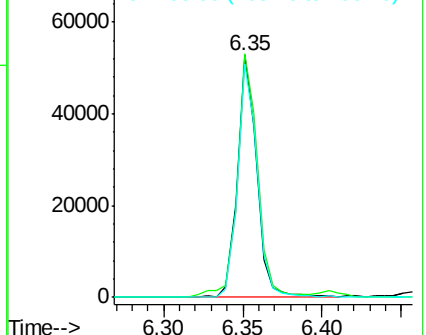
106 96.6 78.9 118.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 5.210 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF121116.D

Acq: 29 Jul 2020 22:33

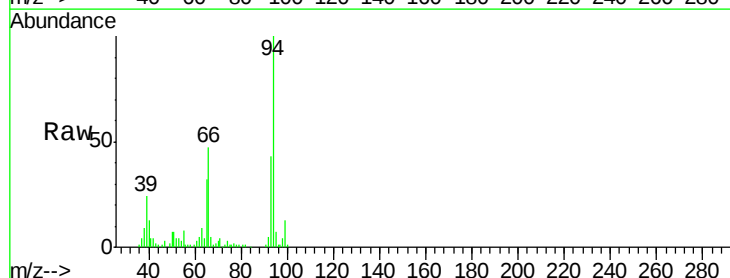
Tgt Ion: 94 Resp: 82156

Ion Ratio Lower Upper

94 100

65 31.8 12.6 52.6

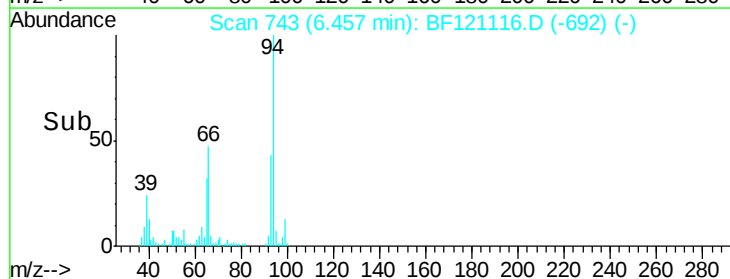
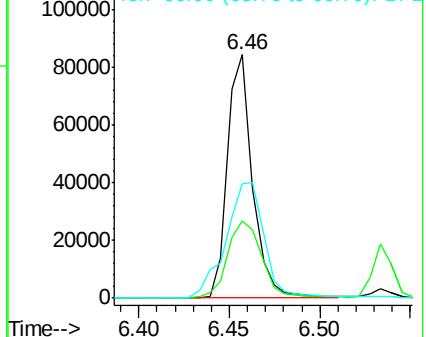
66 46.9 25.6 65.6

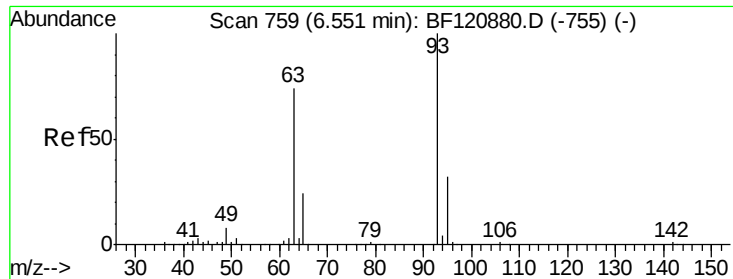


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 5.056 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF121116.D

Acq: 29 Jul 2020 22:33

Instrument :

BNA_F

ClientSampled :

20MSD

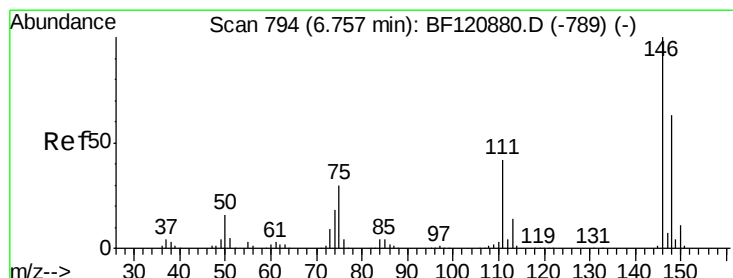
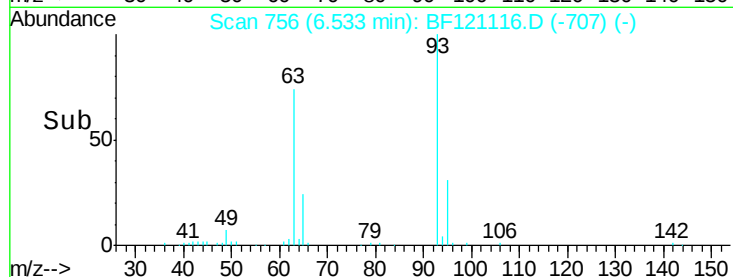
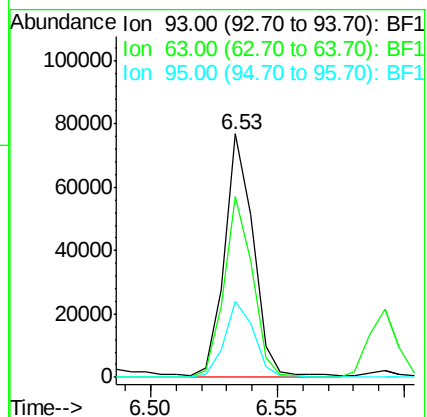
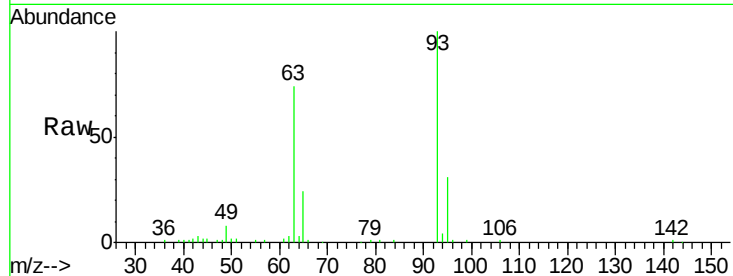
Tot Ion: 93 Resp: 61109

Ion Ratio Lower Upper

93 100

63 74.3 51.9 91.9

95 31.4 13.2 53.2



#12

1,3-Dichlorobenzene

Concen: 5.073 ng

RT: 6.75 min Scan# 792

Delta R.T. -0.00 min

Lab File: BF121116.D

Acq: 29 Jul 2020 22:33

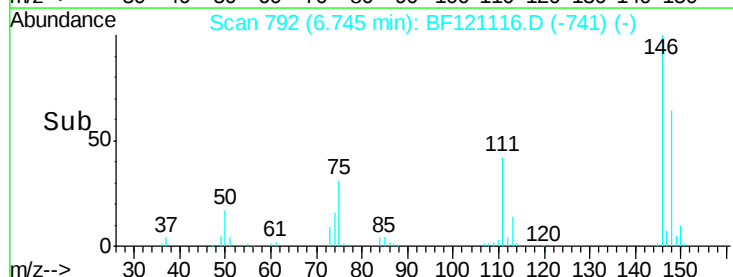
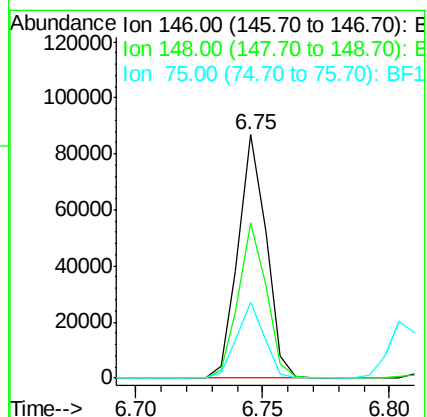
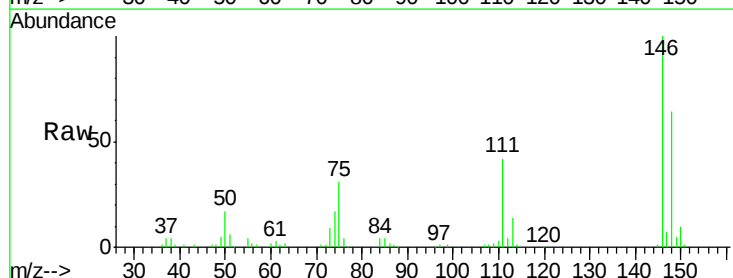
Tgt Ion: 146 Resp: 67247

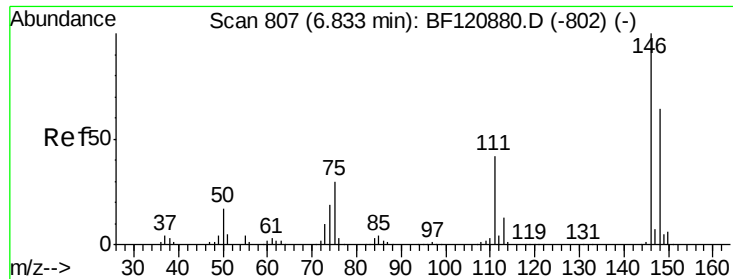
Ion Ratio Lower Upper

146 100

148 63.8 51.7 77.5

75 31.4 23.8 35.6

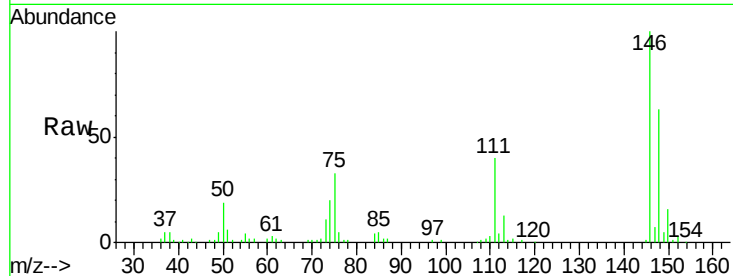




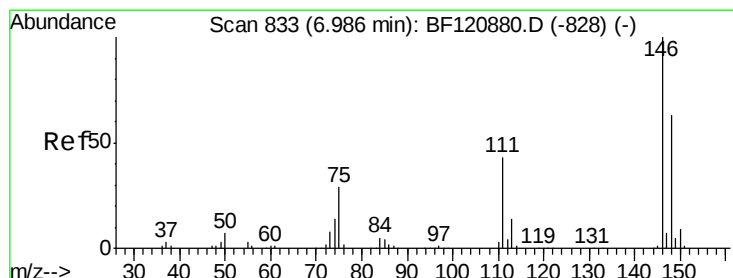
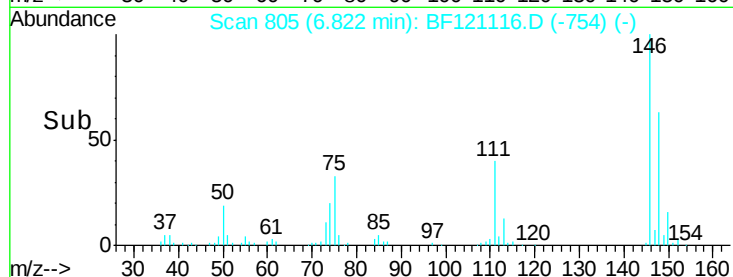
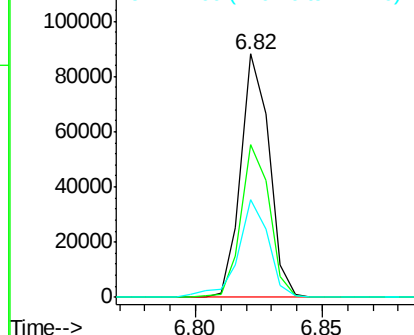
#13
 1,4-Dichlorobenzene
 Concen: 5.211 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF121116.D
 Acq: 29 Jul 2020 22:33

Instrument :
 BNA_F
 ClientSampleId :
 20MSD

Tot Ion:146 Resp: 68693
 Ion Ratio Lower Upper
 146 100
 148 62.9 50.5 75.7
 111 40.2 32.8 49.2

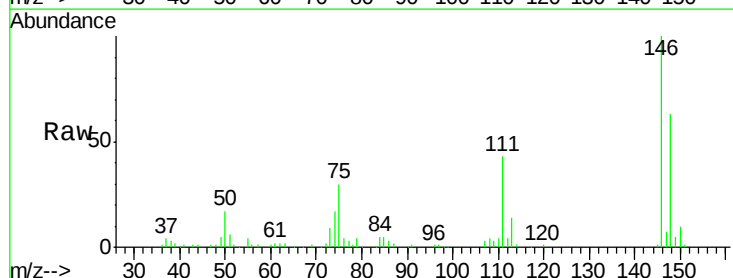


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

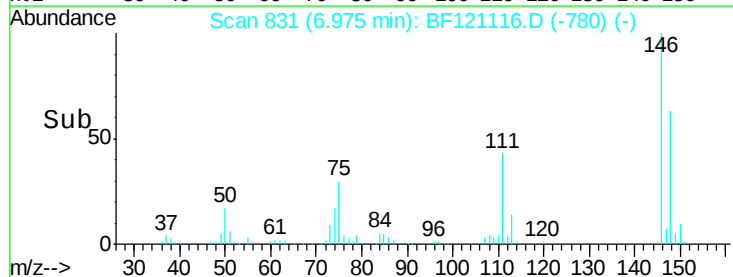
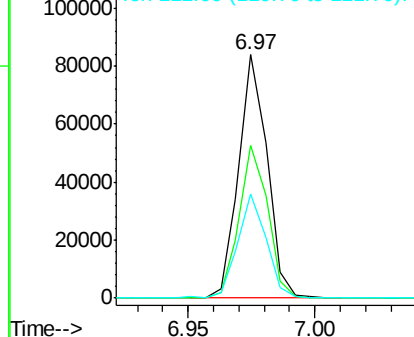


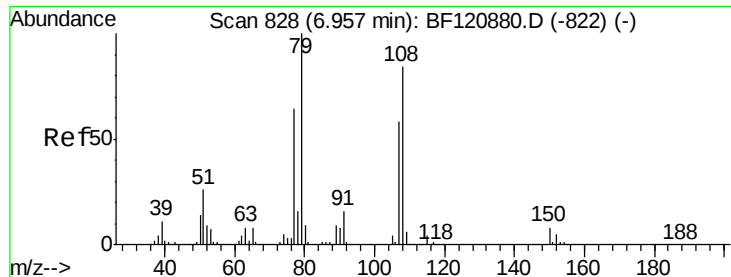
#14
 1,2-Dichlorobenzene
 Concen: 5.241 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.00 min
 Lab File: BF121116.D
 Acq: 29 Jul 2020 22:33

Tgt Ion:146 Resp: 65364
 Ion Ratio Lower Upper
 146 100
 148 63.0 50.8 76.2
 111 42.6 35.4 53.0



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





#15

Benzyl Alcohol

Concen: 4.570 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.01 min

Lab File: BF121116.D

Acq: 29 Jul 2020 22:33

Instrument :

BNA_F

ClientSampleId :

20MSD

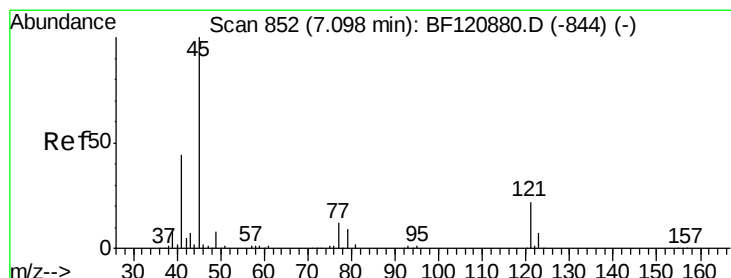
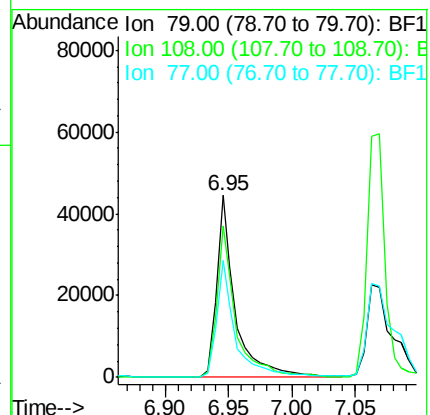
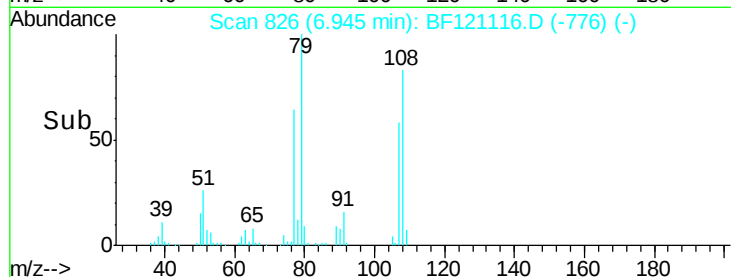
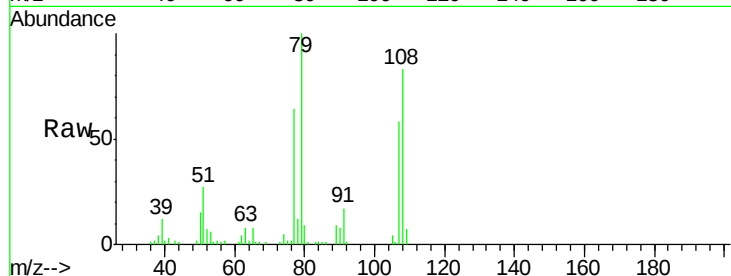
Tot Ion: 79 Resp: 46333

Ion Ratio Lower Upper

79 100

108 82.9 68.6 103.0

77 64.0 51.4 77.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 4.737 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF121116.D

Acq: 29 Jul 2020 22:33

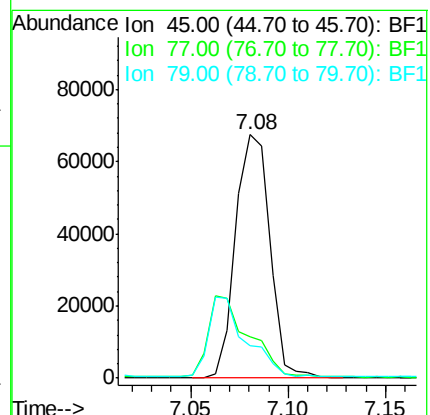
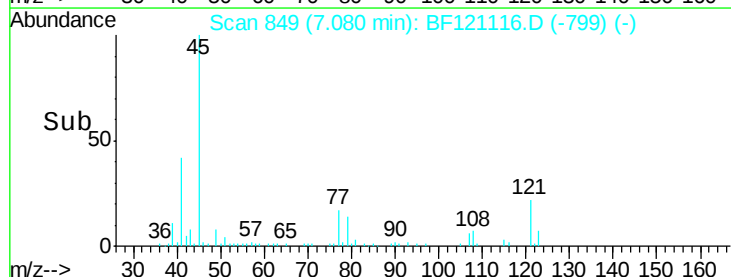
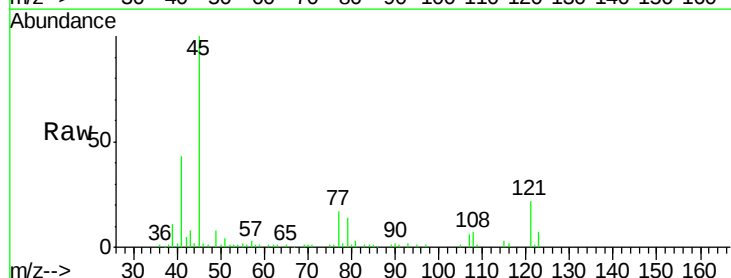
Tgt Ion: 45 Resp: 82515

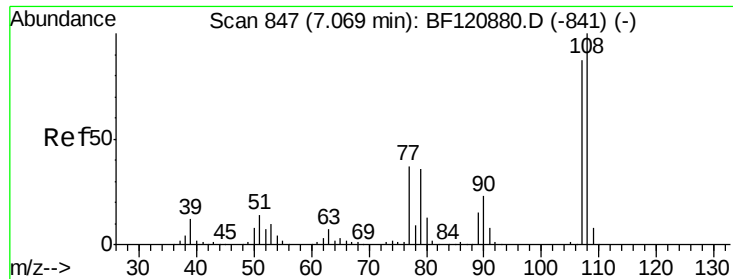
Ion Ratio Lower Upper

45 100

77 17.0 0.0 34.7

79 13.6 0.0 32.0

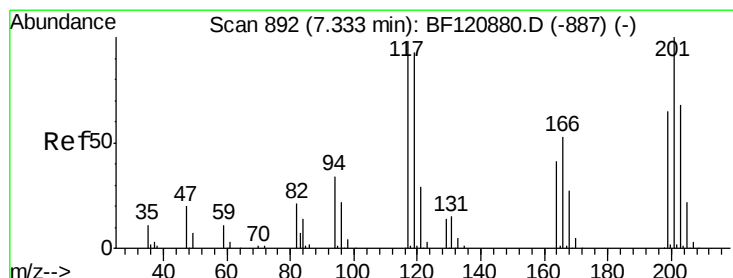
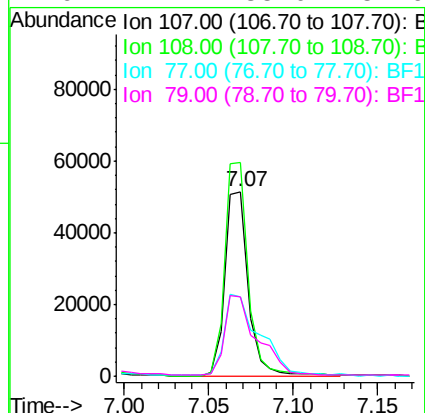
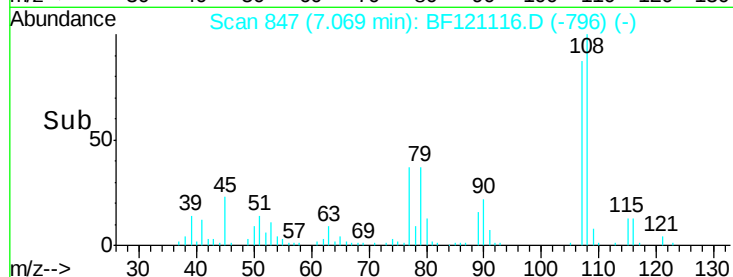
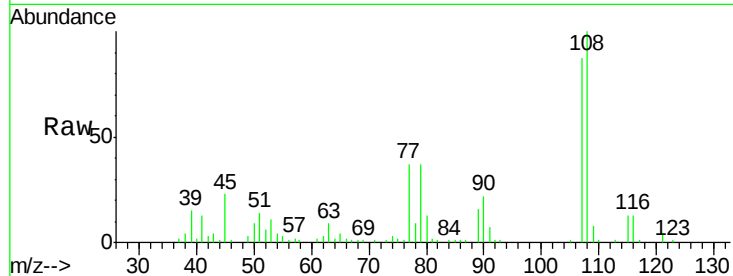




#17
2-Methylphenol
Concen: 4.652 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.00 min
Lab File: BF121116.D
Acq: 29 Jul 2020 22:33

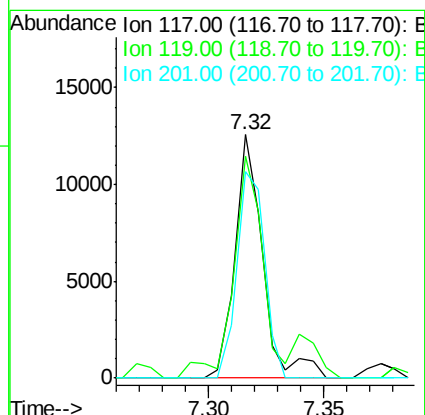
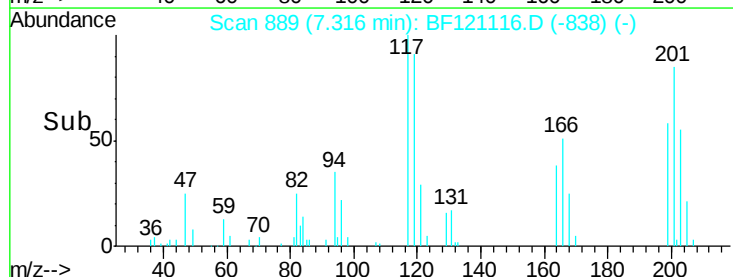
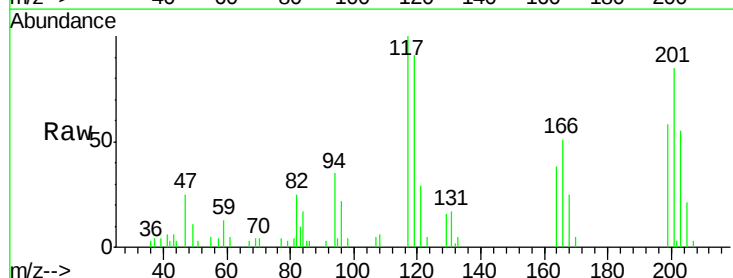
Instrument :
BNA_F
ClientSampleId :
20MSD

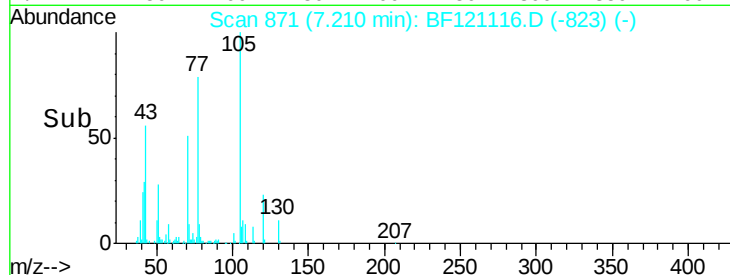
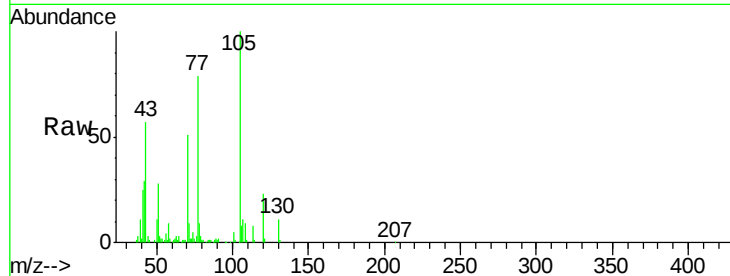
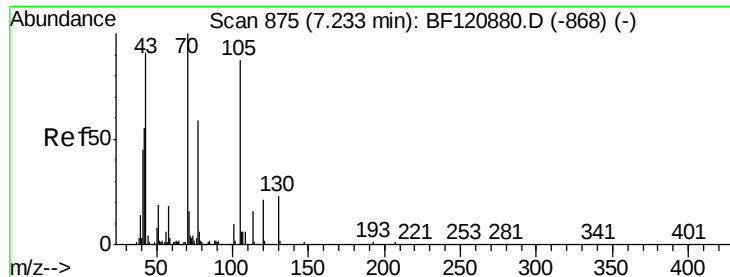
Tot Ion:107 Resp: 50406
Ion Ratio Lower Upper
107 100
108 115.6 91.2 136.8
77 43.1 36.5 54.7
79 42.7 35.0 52.6



#18
Hexachloroethane
Concen: 2.203 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.00 min
Lab File: BF121116.D
Acq: 29 Jul 2020 22:33

Tgt Ion:117 Resp: 10509
Ion Ratio Lower Upper
117 100
119 90.9 76.6 114.8
201 85.0 75.0 112.4

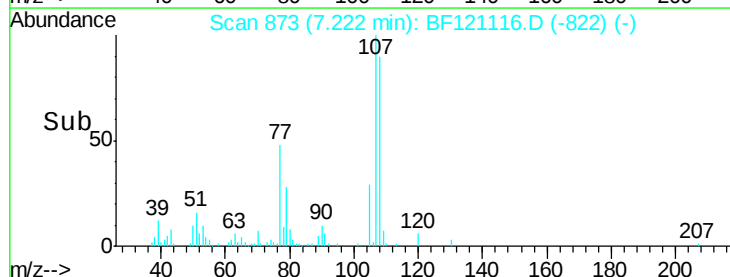
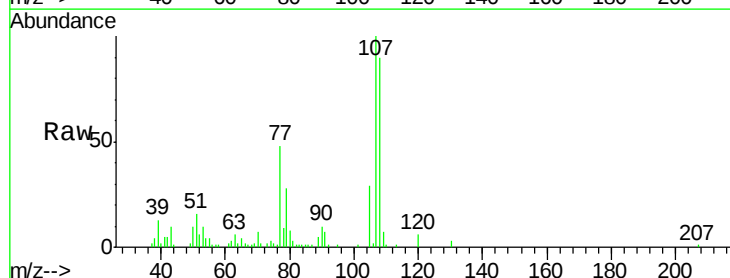
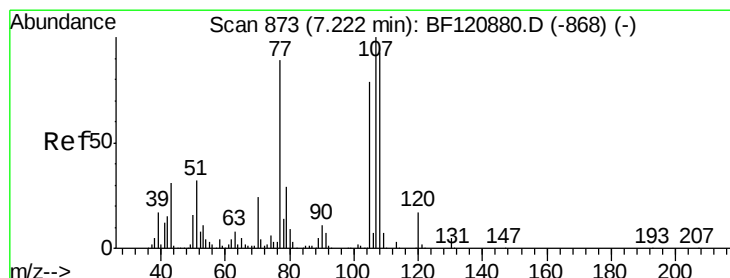
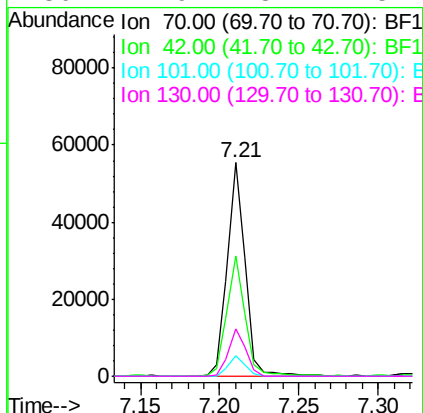




#19
n-Nitroso-di-n-propylamine
Concen: 5.322 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.02 min
Lab File: BF121116.D
Acq: 29 Jul 2020 22:33

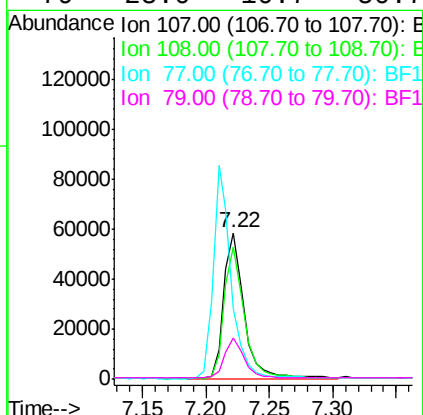
Instrument :
BNA_F
ClientSampleId :
20MSD

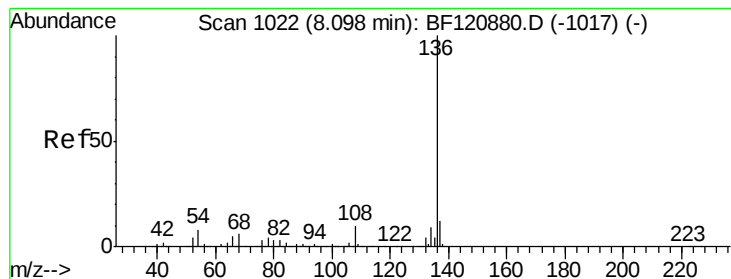
Tot Ion:	70	Resp:	43383
Ion	Ratio	Lower	Upper
70	100		
42	56.6	43.3	64.9
101	9.9	8.4	12.6
130	21.9	18.7	28.1



#20
3+4-Methylphenols
Concen: 4.815 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF121116.D
Acq: 29 Jul 2020 22:33

Tgt Ion:	107	Resp:	66369
Ion	Ratio	Lower	Upper
107	100		
108	89.9	73.7	113.7
77	48.1	84.9	124.9#
79	28.0	10.7	50.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. 0.01 min

Lab File: BF121116.D

Acq: 29 Jul 2020 22:33

Instrument :

BNA_F

ClientSampleId :

20MSD

Tot Ion:136 Resp: 676990

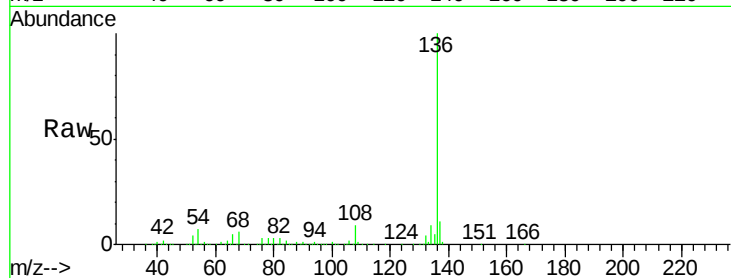
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 6.7 6.1 9.1

68 5.6 5.0 7.6

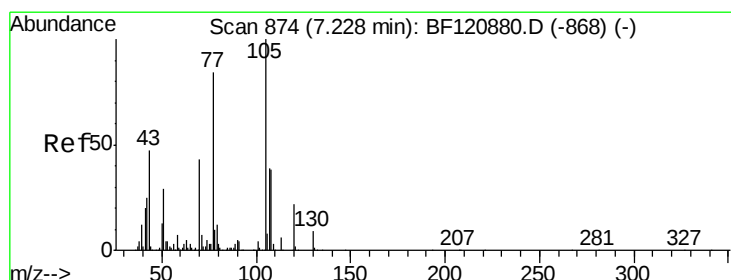
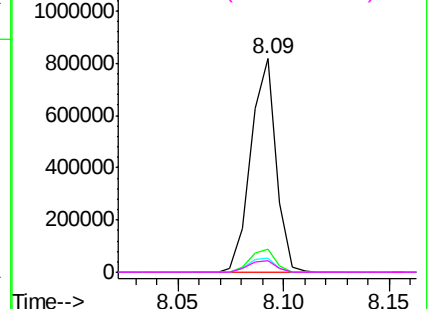
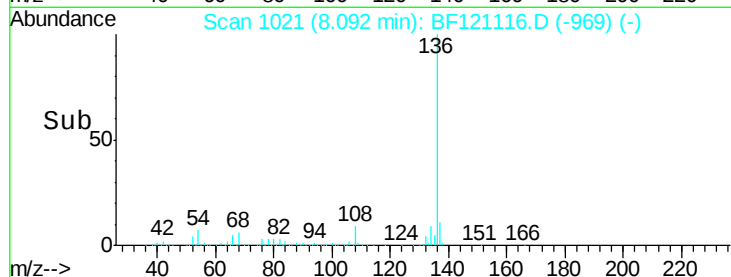


Abundance Ion 136.00 (135.70 to 136.70): E

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: 6.030 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF121116.D

Acq: 29 Jul 2020 22:33

Tgt Ion:105 Resp: 91621

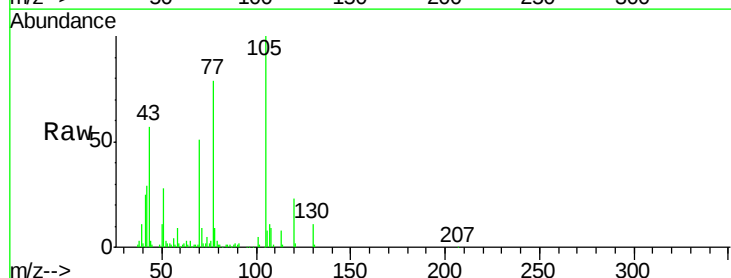
Ion Ratio Lower Upper

105 100

71 9.3 3.8 5.8#

51 27.8 28.0 42.0#

120 22.9 17.8 26.6

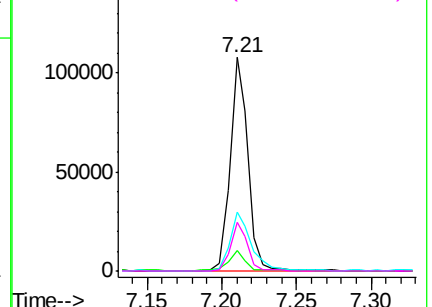
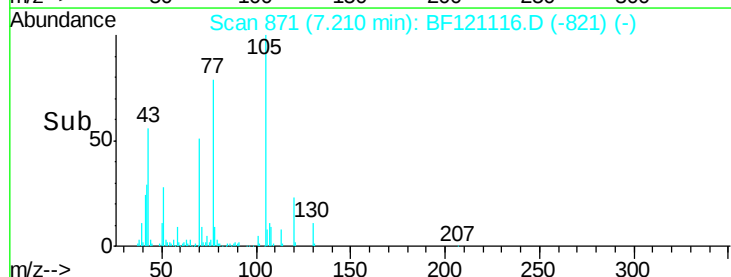


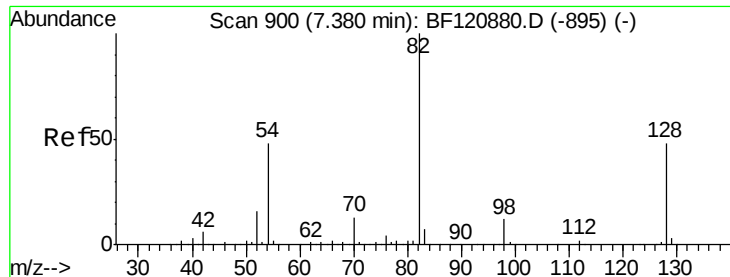
Abundance Ion 105.00 (104.70 to 105.70): E

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

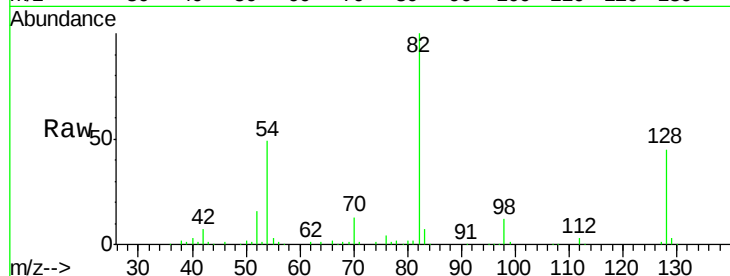




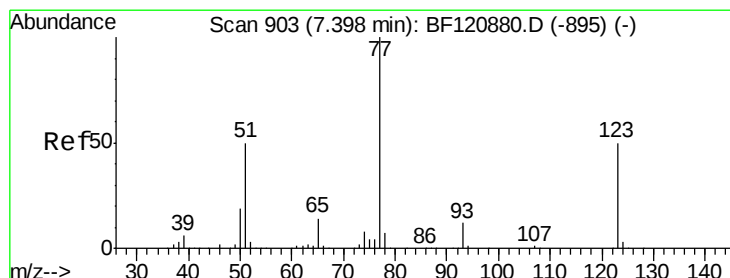
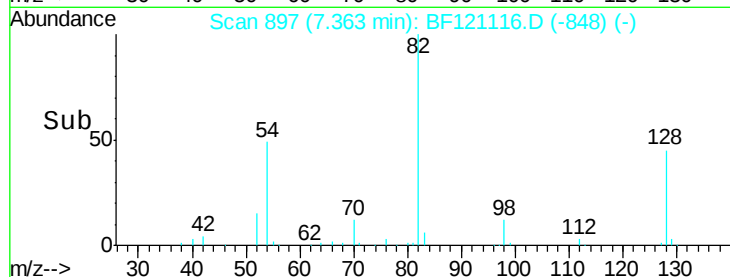
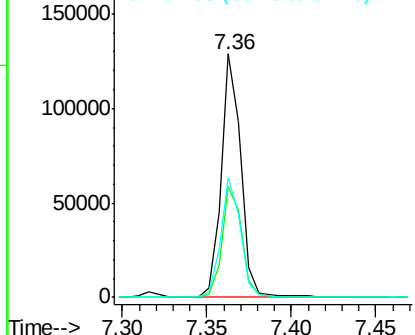
#23
 Nitrobenzene-d5
 Concen: 8.936 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF121116.D
 Acq: 29 Jul 2020 22:33

Instrument :
 BNA_F
 ClientSampleId :
 20MSD

Tot Ion: 82 Resp: 104551
 Ion Ratio Lower Upper
 82 100
 128 45.3 39.2 58.8
 54 49.1 37.8 56.8

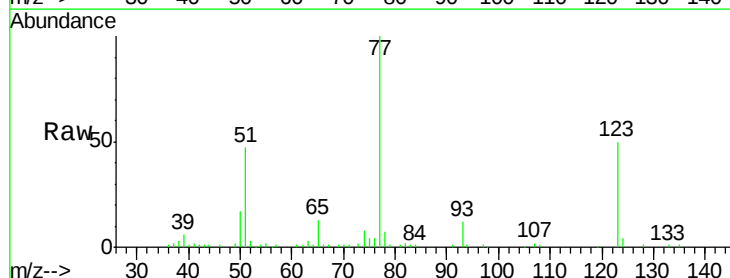


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

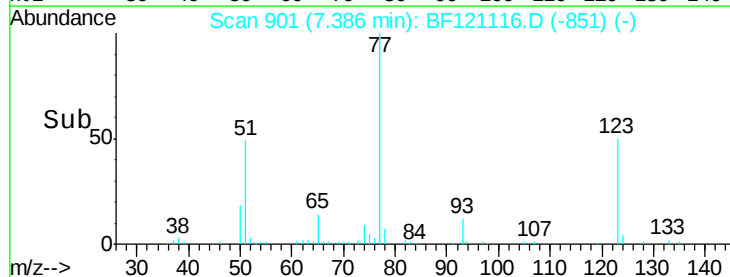
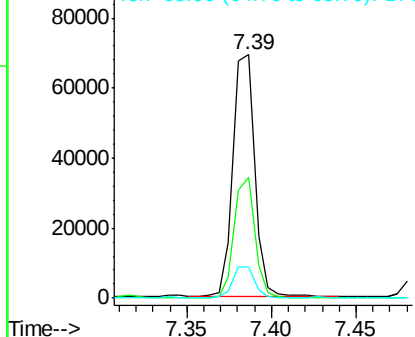


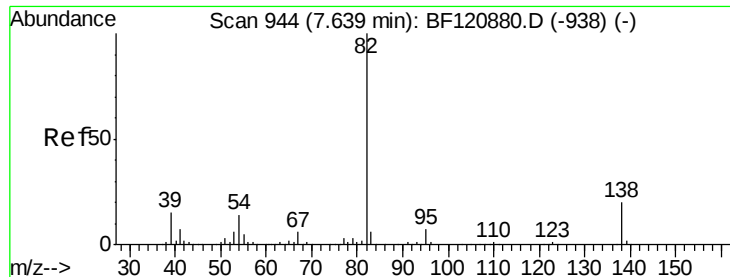
#24
 Nitrobenzene
 Concen: 4.890 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: BF121116.D
 Acq: 29 Jul 2020 22:33

Tgt Ion: 77 Resp: 61659
 Ion Ratio Lower Upper
 77 100
 123 49.6 41.0 61.6
 65 12.6 10.3 15.5



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: 4.902 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF121116.D

Acq: 29 Jul 2020 22:33

Instrument :

BNA_F

ClientSampleId :

20MSD

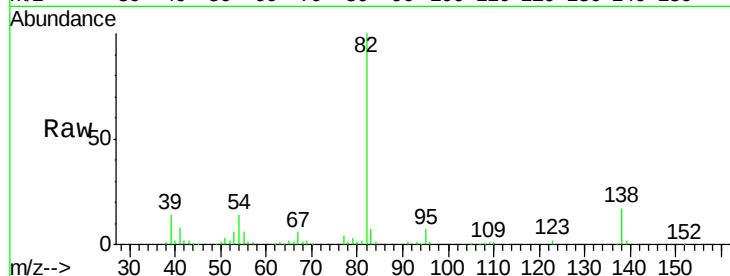
Tot Ion: 82 Resp: 114457

Ion Ratio Lower Upper

82 100

95 6.6 5.5 8.3

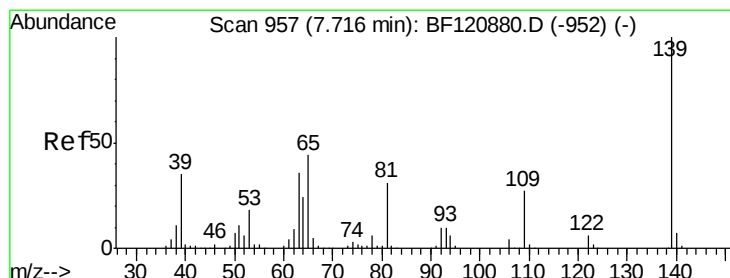
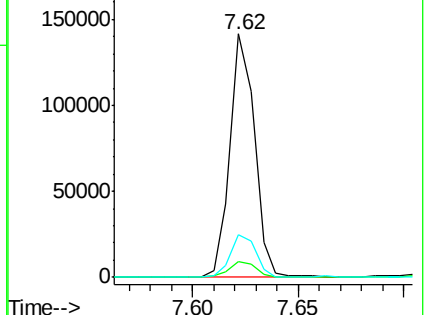
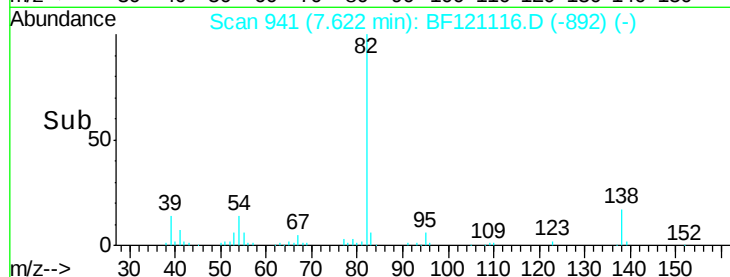
138 17.3 16.2 24.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 3.054 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF121116.D

Acq: 29 Jul 2020 22:33

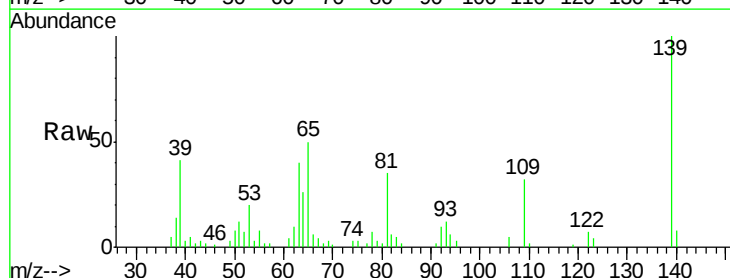
Tgt Ion: 139 Resp: 18291

Ion Ratio Lower Upper

139 100

109 31.7 21.7 32.5

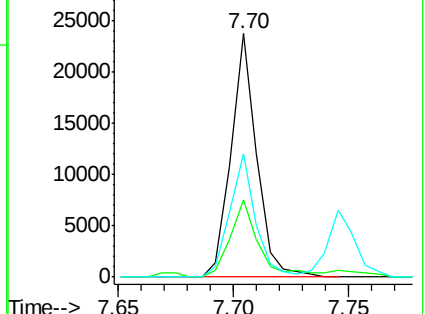
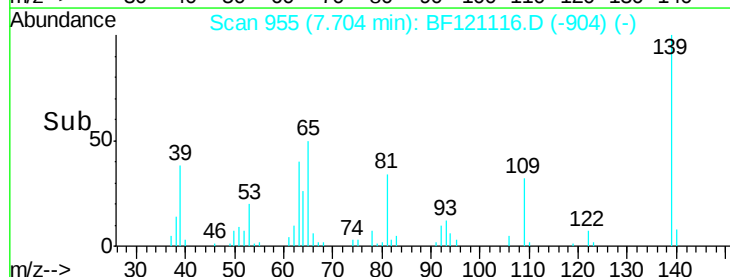
65 50.4 36.3 54.5

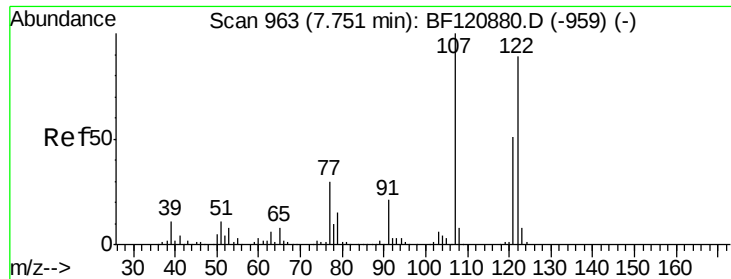


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 5.525 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.00 min

Lab File: BF121116.D

Acq: 29 Jul 2020 22:33

Instrument :

BNA_F

ClientSampleId :

20MSD

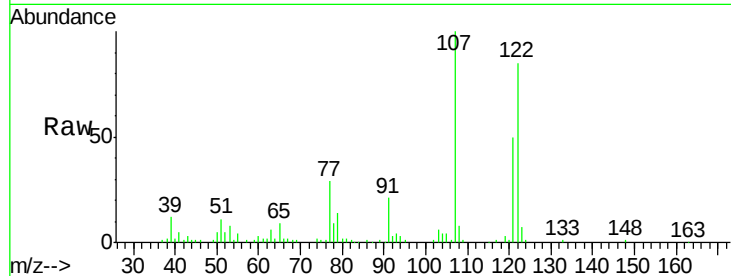
Tot Ion:122 Resp: 53719

Ion Ratio Lower Upper

122 100

107 117.1 87.1 130.7

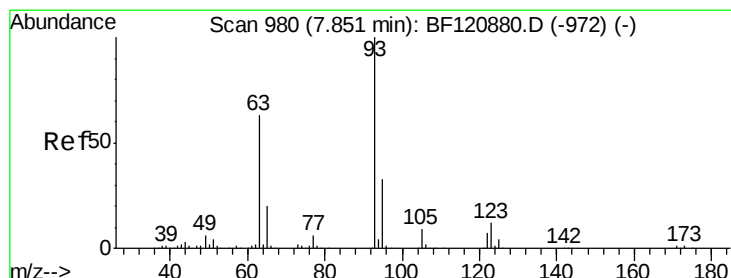
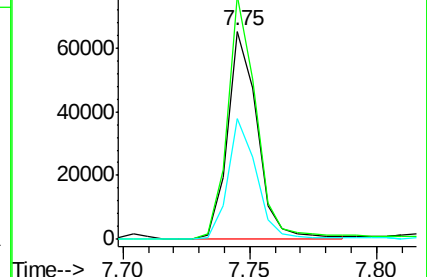
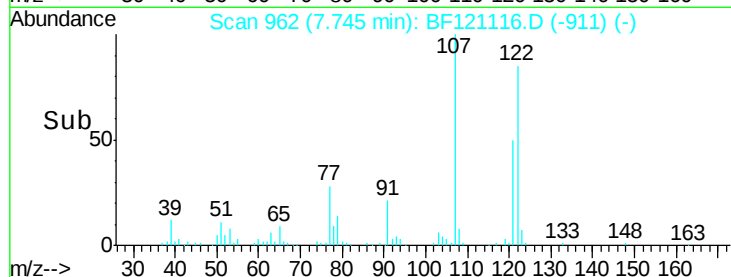
121 58.2 45.5 68.3



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: 5.122 ng

RT: 7.83 min Scan# 977

Delta R.T. -0.01 min

Lab File: BF121116.D

Acq: 29 Jul 2020 22:33

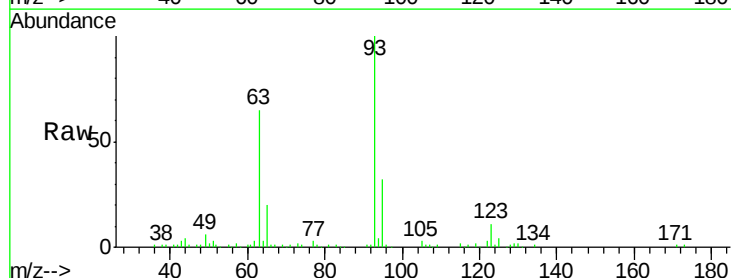
Tgt Ion: 93 Resp: 73000

Ion Ratio Lower Upper

93 100

95 32.3 26.2 39.4

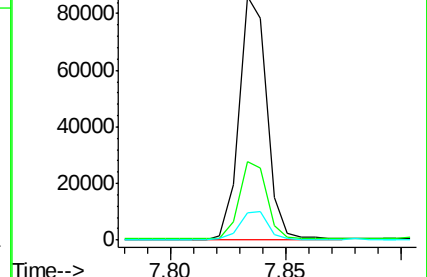
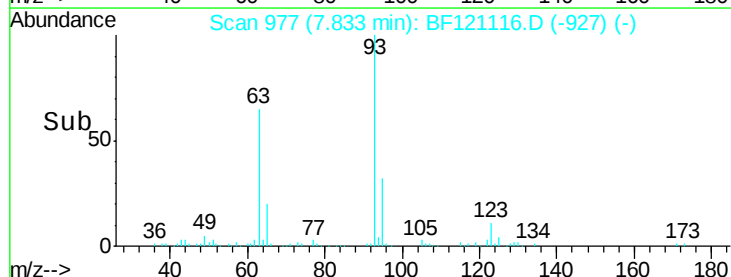
123 11.3 9.5 14.3

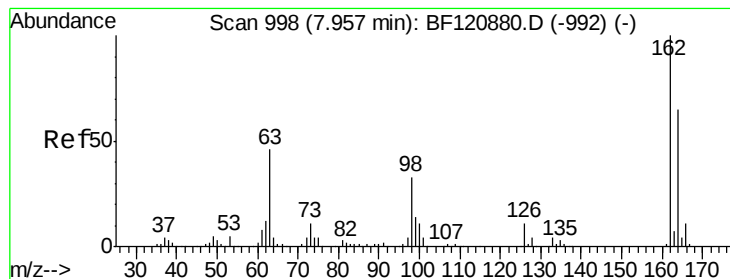


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 4.956 ng

RT: 7.96 min Scan# 998

Delta R.T. 0.01 min

Lab File: BF121116.D

Acq: 29 Jul 2020 22:33

Instrument :

BNA_F

ClientSampleId :

20MSD

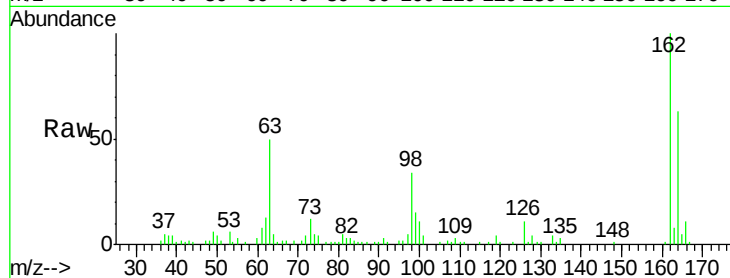
Tot Ion:162 Resp: 49248

Ion Ratio Lower Upper

162 100

164 63.4 44.7 84.7

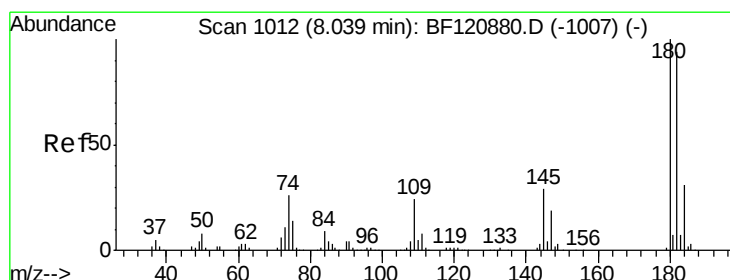
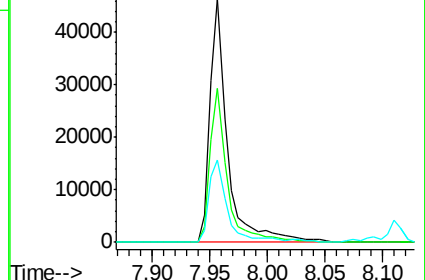
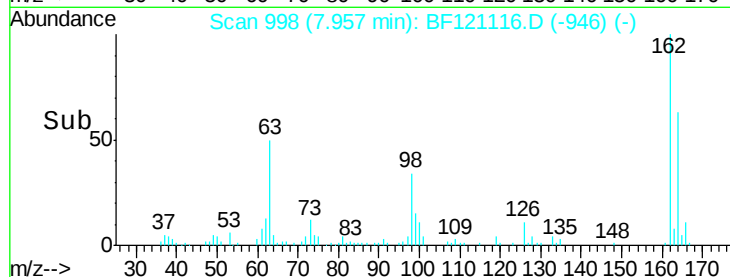
98 34.1 14.2 54.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 5.035 ng

RT: 8.03 min Scan# 1011

Delta R.T. 0.01 min

Lab File: BF121116.D

Acq: 29 Jul 2020 22:33

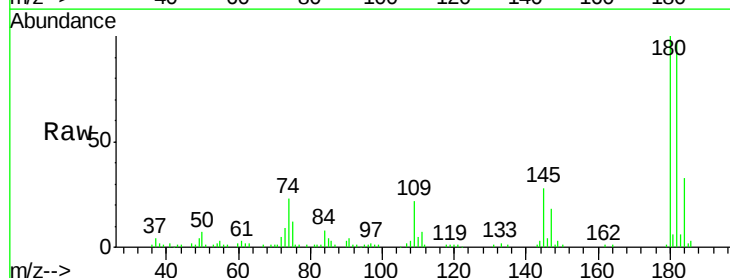
Tgt Ion:180 Resp: 55510

Ion Ratio Lower Upper

180 100

182 96.9 76.4 114.6

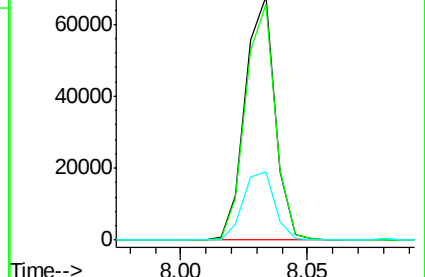
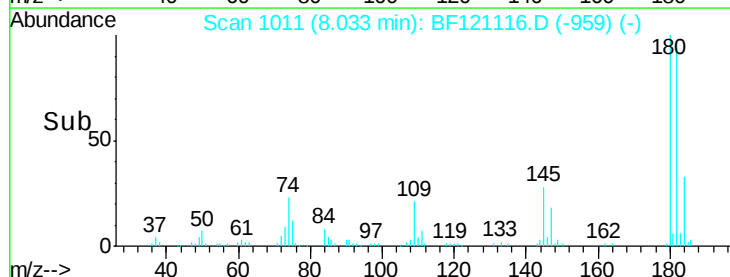
145 28.0 24.2 36.4

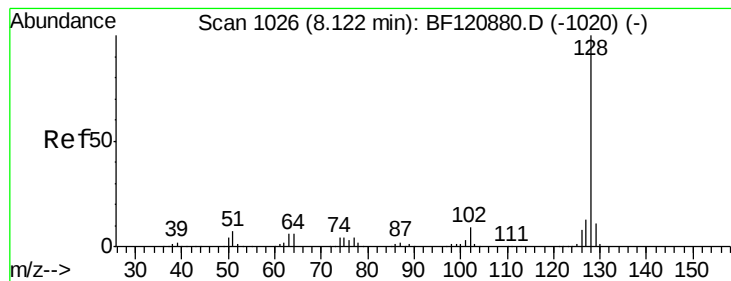


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 6.569 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BF121116.D

Acq: 29 Jul 2020 22:33

Instrument :

BNA_F

ClientSampleId :

20MSD

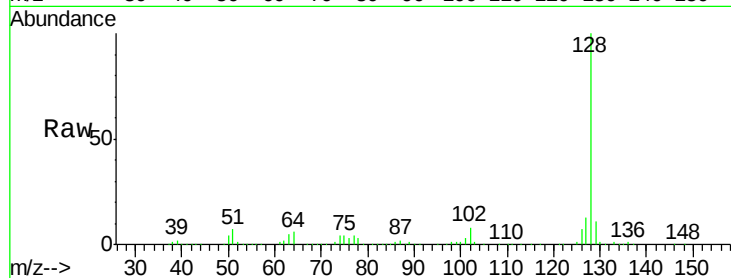
Tot Ion:128 Resp: 228121

Ion Ratio Lower Upper

128 100

129 11.1 9.3 13.9

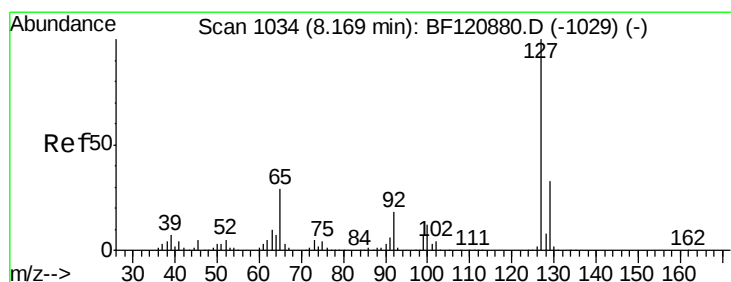
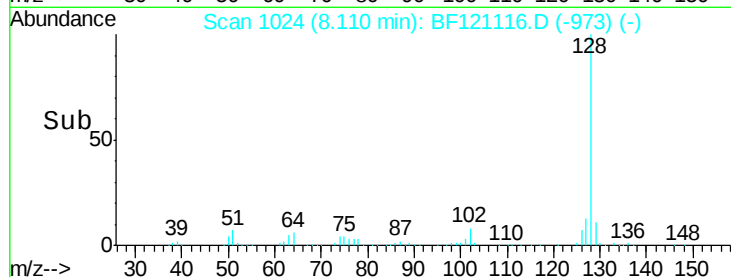
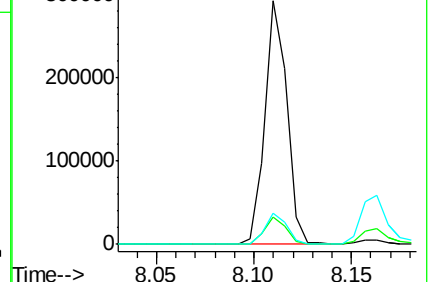
127 12.9 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#33

4-Chloroaniline

Concen: 3.963 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF121116.D

Acq: 29 Jul 2020 22:33

Tgt Ion:127 Resp: 61395

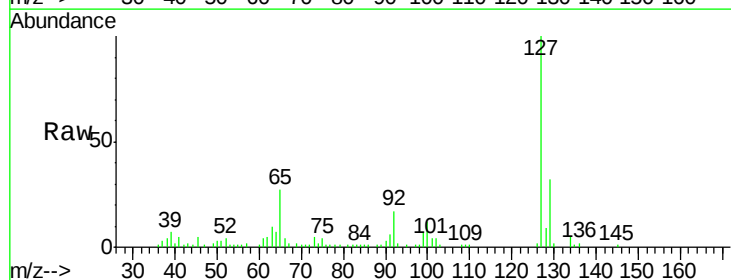
Ion Ratio Lower Upper

127 100

129 32.4 26.2 39.2

65 26.9 21.4 32.0

92 16.6 13.8 20.8

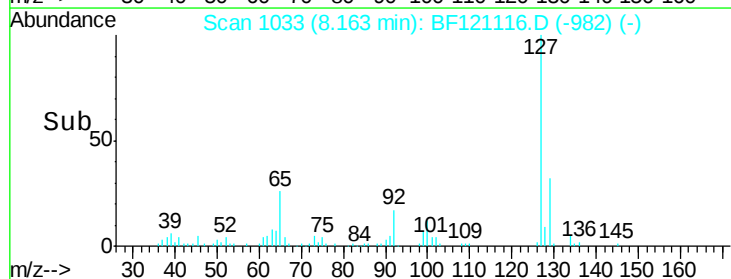
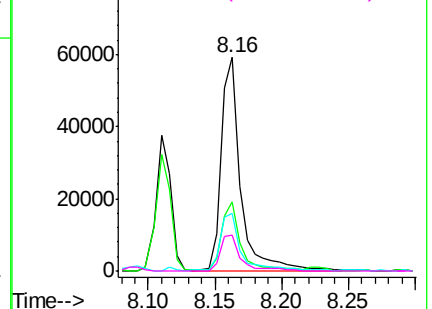


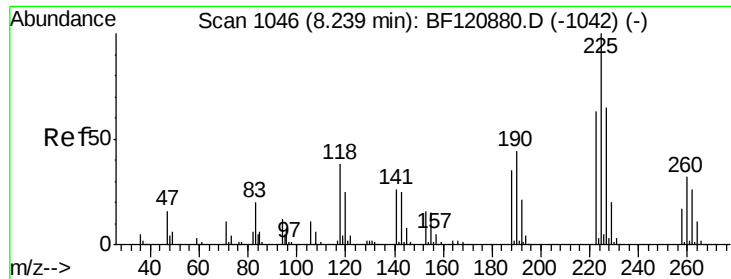
Abundance Ion 127.00 (126.70 to 127.70): E

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

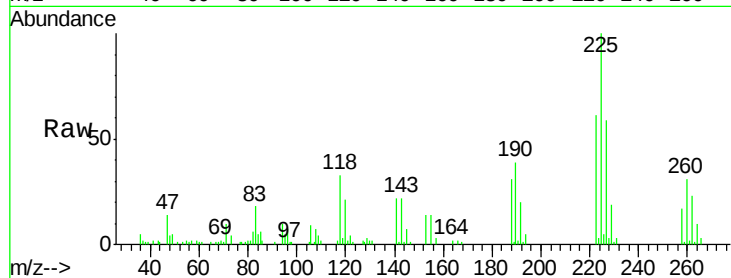




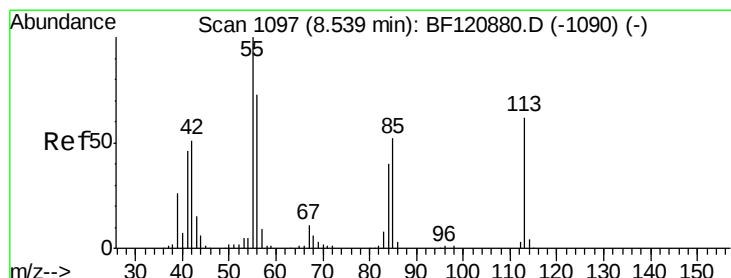
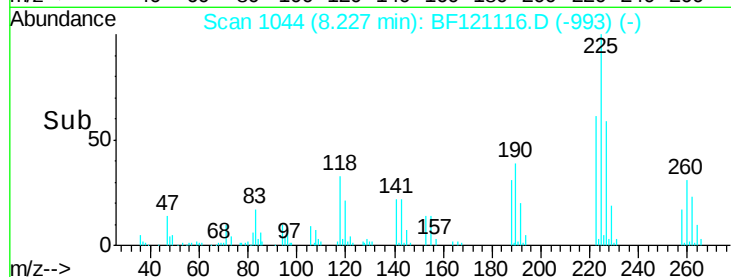
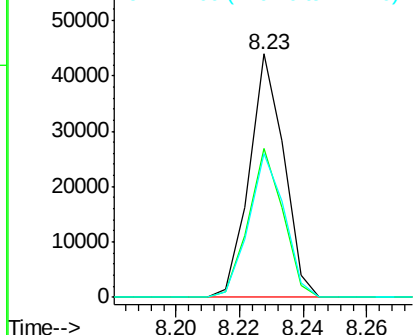
#34
Hexachlorobutadiene
Concen: 5.099 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF121116.D
Acq: 29 Jul 2020 22:33

Instrument :
BNA_F
ClientSampleId :
20MSD

Tot Ion:225 Resp: 33139
Ion Ratio Lower Upper
225 100
223 61.2 49.7 74.5
227 59.1 51.4 77.0

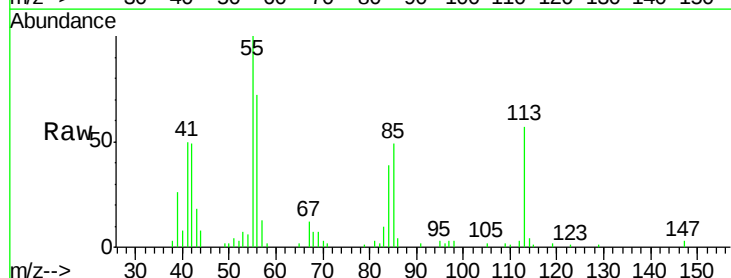


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

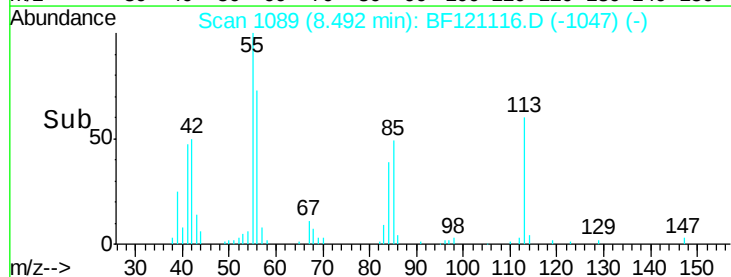
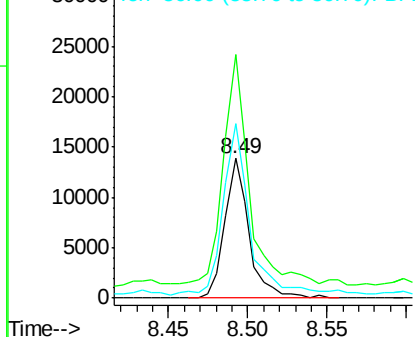


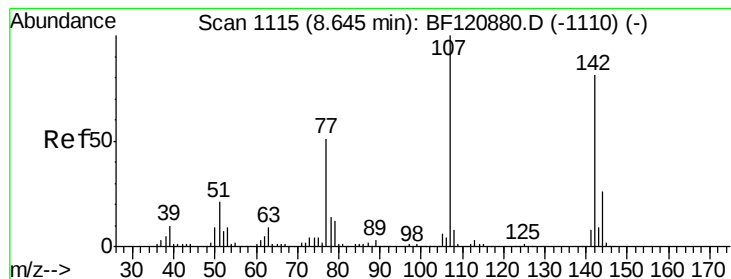
#35
Caprolactam
Concen: 4.595 ng
RT: 8.49 min Scan# 1089
Delta R.T. -0.05 min
Lab File: BF121116.D
Acq: 29 Jul 2020 22:33

Tgt Ion:113 Resp: 14642
Ion Ratio Lower Upper
113 100
55 174.6 131.0 171.0#
56 125.3 90.4 130.4



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: 4.974 ng

RT: 8.65 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BF121116.D

Acq: 29 Jul 2020 22:33

Instrument :

BNA_F

ClientSampleId :

20MSD

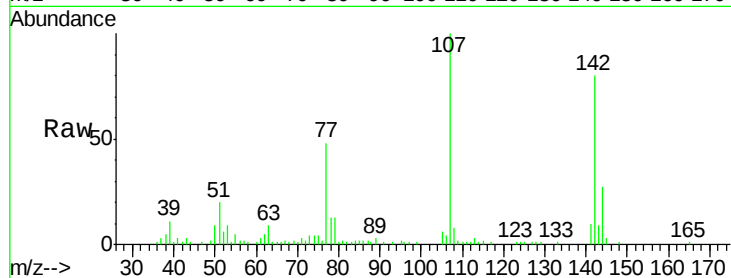
Tot Ion:107 Resp: 50686

Ion Ratio Lower Upper

107 100

144 26.5 20.9 31.3

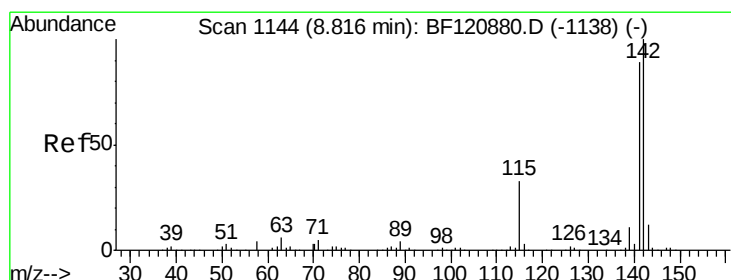
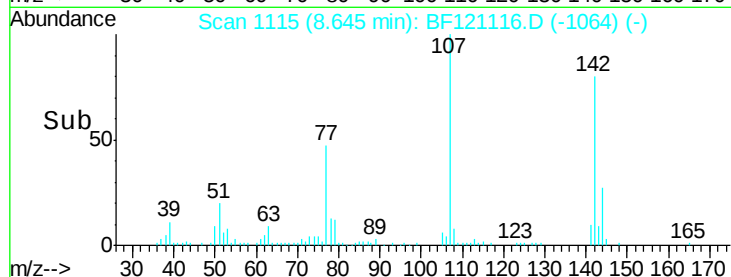
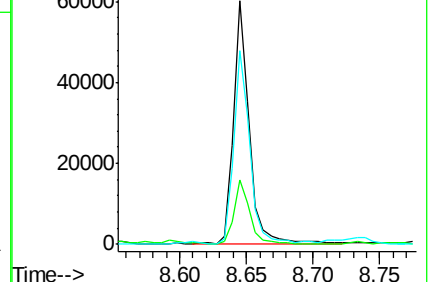
142 79.7 64.5 96.7



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: 6.322 ng

RT: 8.80 min Scan# 1142

Delta R.T. 0.01 min

Lab File: BF121116.D

Acq: 29 Jul 2020 22:33

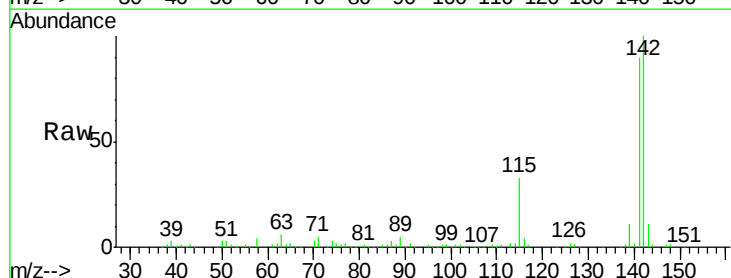
Tgt Ion:142 Resp: 142543

Ion Ratio Lower Upper

142 100

141 89.9 70.6 105.8

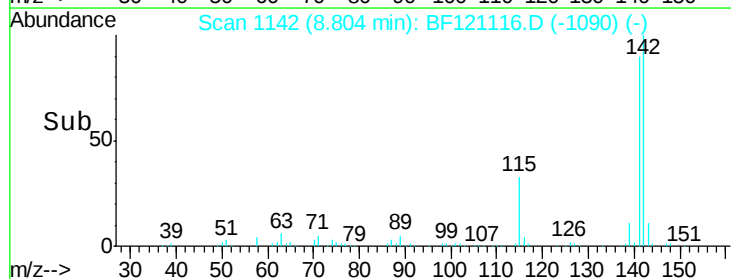
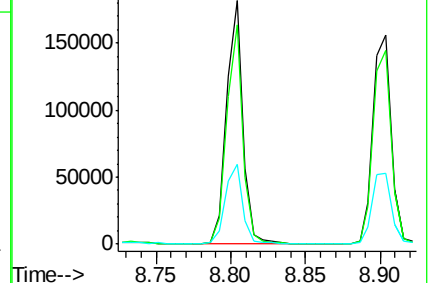
115 32.5 27.1 40.7

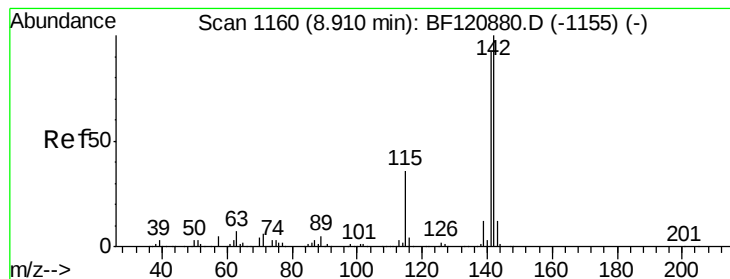


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

1-Methylnaphthalene

Concen: 6.230 ng

RT: 8.90 min Scan# 1159

Delta R.T. 0.01 min

Lab File: BF121116.D

Acq: 29 Jul 2020 22:33

Instrument :

BNA_F

ClientSampleId :

20MSD

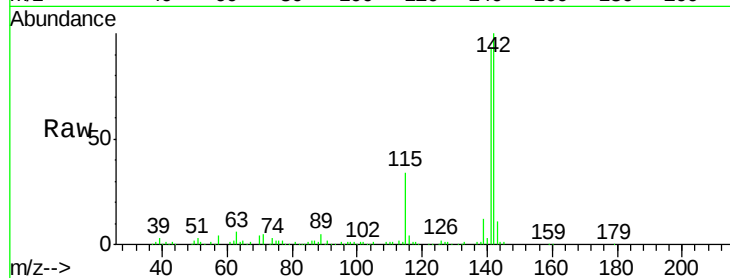
Tot Ion:142 Resp: 133048

Ion Ratio Lower Upper

142 100

141 92.6 73.0 109.6

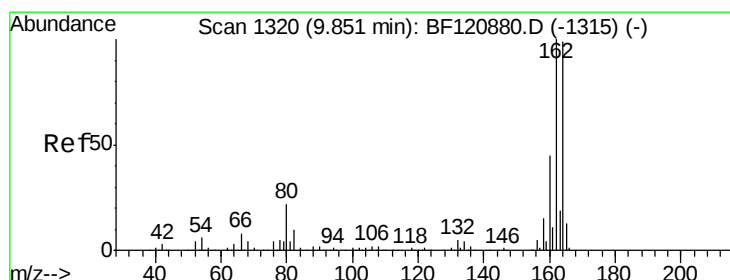
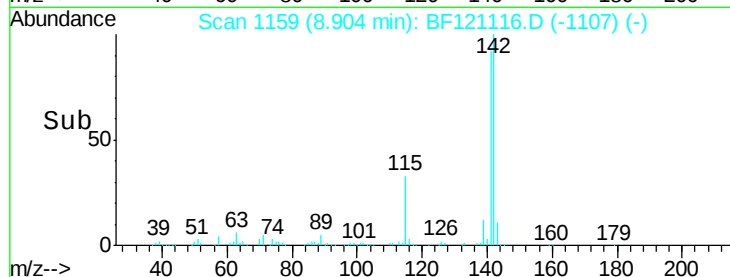
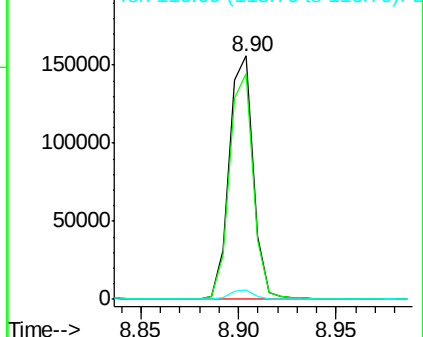
116 3.6 3.0 4.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.01 min

Lab File: BF121116.D

Acq: 29 Jul 2020 22:33

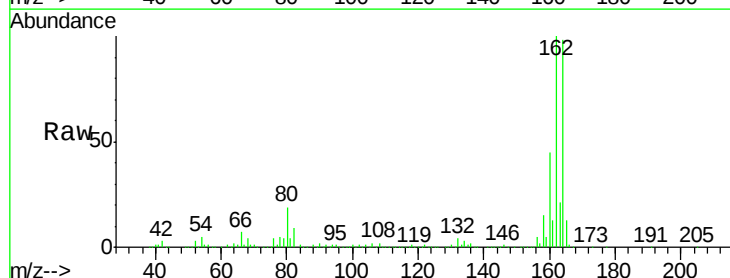
Tgt Ion:164 Resp: 323807

Ion Ratio Lower Upper

164 100

162 102.6 82.2 123.2

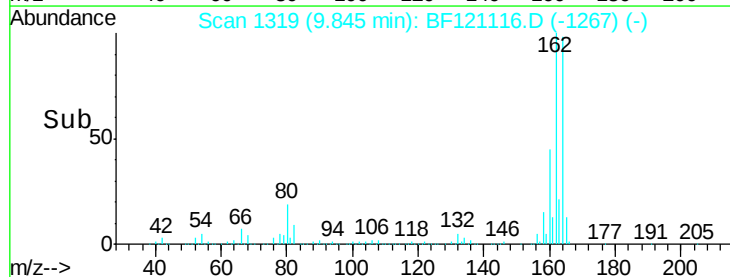
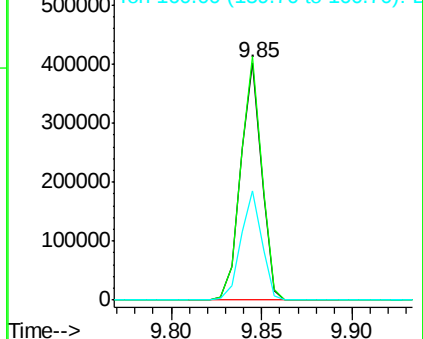
160 45.8 37.2 55.8

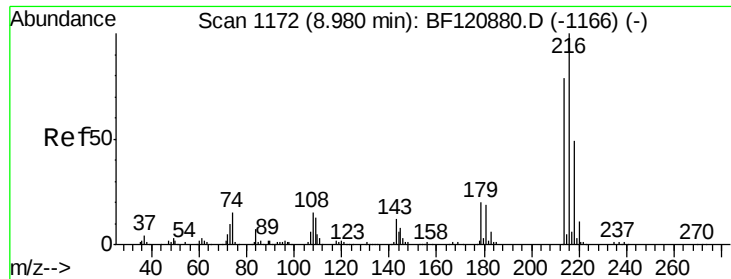


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

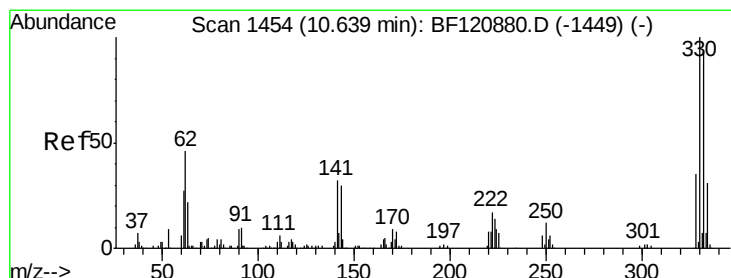
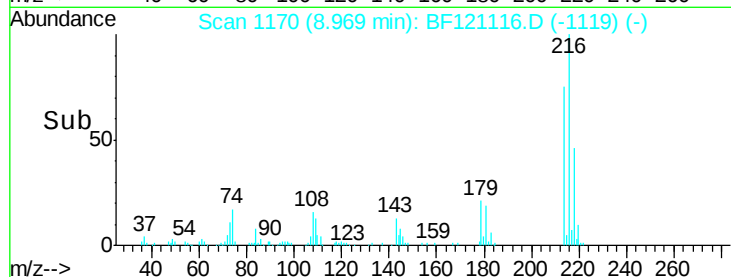
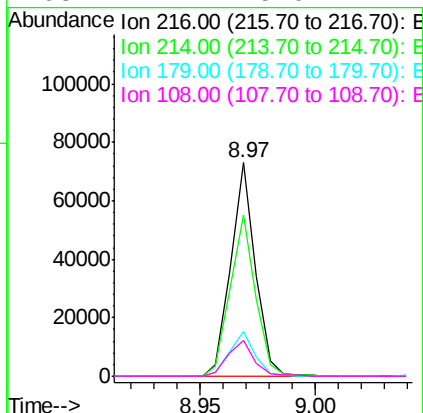
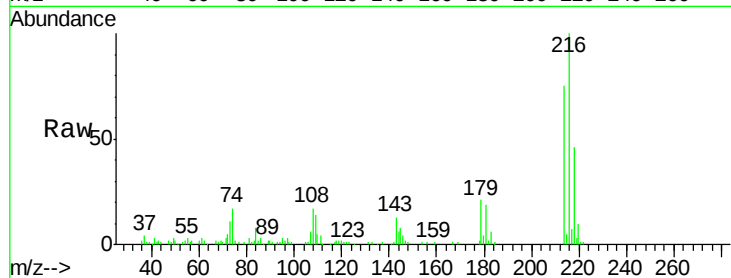




#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 5.761 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF121116.D
 Acq: 29 Jul 2020 22:33

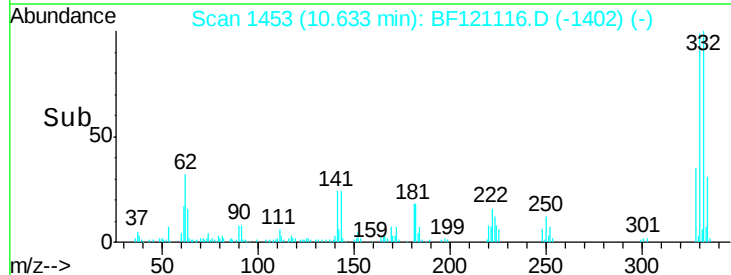
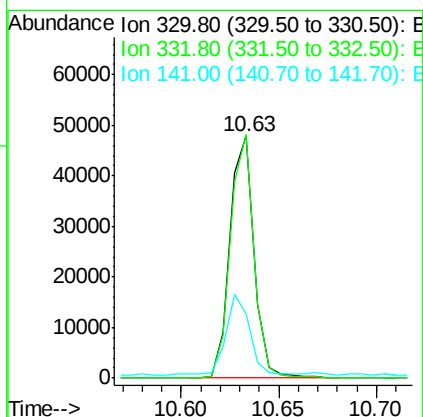
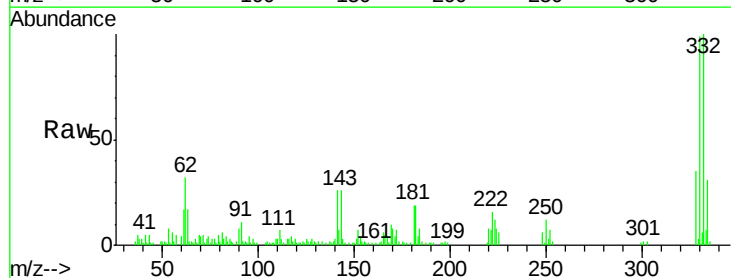
Instrument :
 BNA_F
 ClientSampleId :
 20MSD

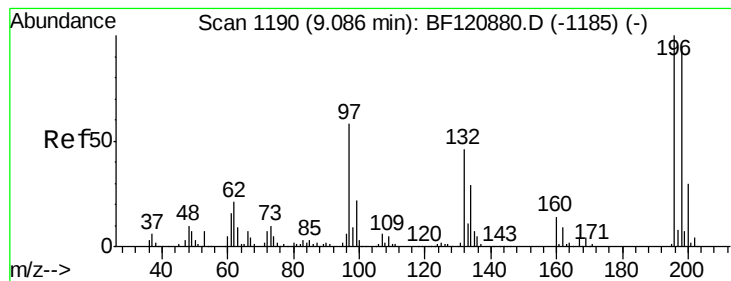
Tot Ion:216	Resp:	54354
Ion	Ratio	Lower Upper
216	100	
214	77.5	63.9 95.9
179	21.5	16.6 24.8
108	17.7	15.0 22.4



#42
 2,4,6-Tribromophenol
 Concen: 11.585 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.00 min
 Lab File: BF121116.D
 Acq: 29 Jul 2020 22:33

Tgt Ion:330	Resp:	41062
Ion	Ratio	Lower Upper
330	100	
332	98.2	76.1 114.1
141	32.9	24.1 36.1





#43

2,4,6-Trichlorophenol

Concen: 4.926 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.00 min

Lab File: BF121116.D

Acq: 29 Jul 2020 22:33

Instrument :

BNA_F

ClientSampleId :

20MSD

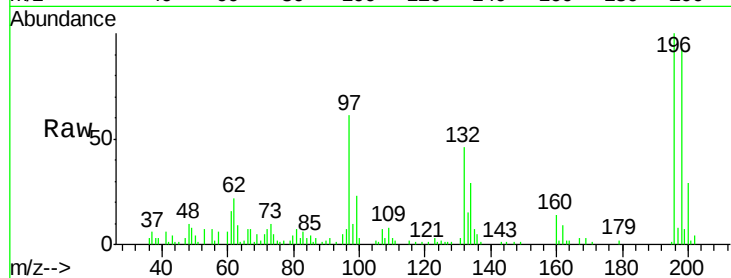
Tot Ion:196 Resp: 32719

Ion Ratio Lower Upper

196 100

198 92.5 77.5 116.3

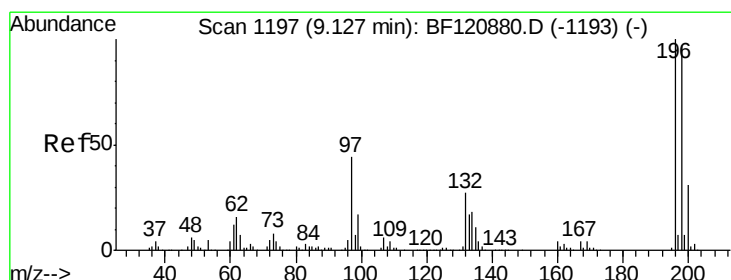
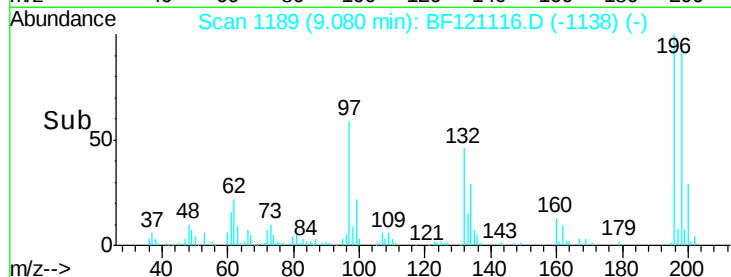
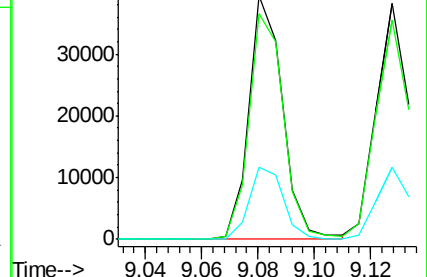
200 29.5 24.6 37.0



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 4.506 ng

RT: 9.13 min Scan# 1197

Delta R.T. 0.01 min

Lab File: BF121116.D

Acq: 29 Jul 2020 22:33

Tgt Ion:196 Resp: 33951

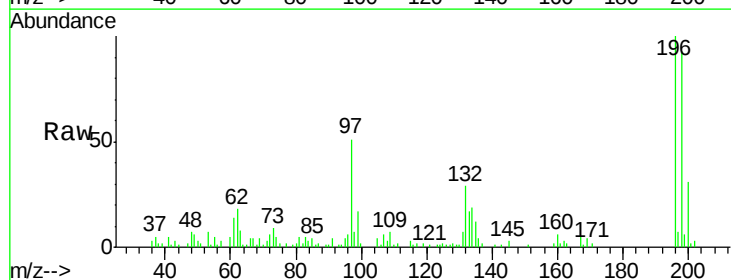
Ion Ratio Lower Upper

196 100

198 92.9 76.2 114.4

97 50.9 37.3 55.9

132 28.7 22.0 33.0

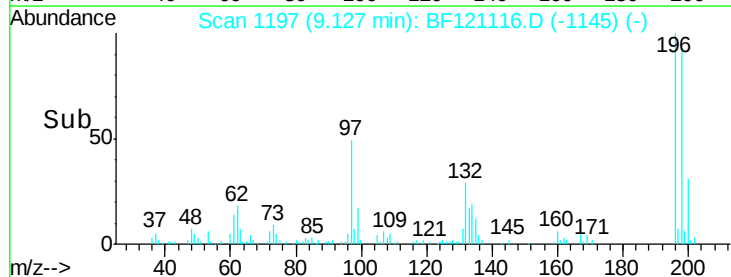
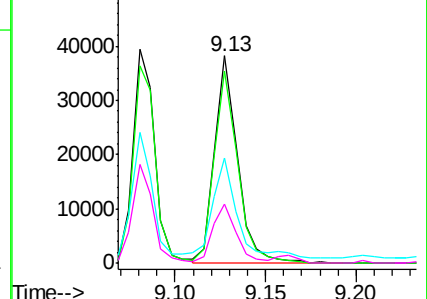


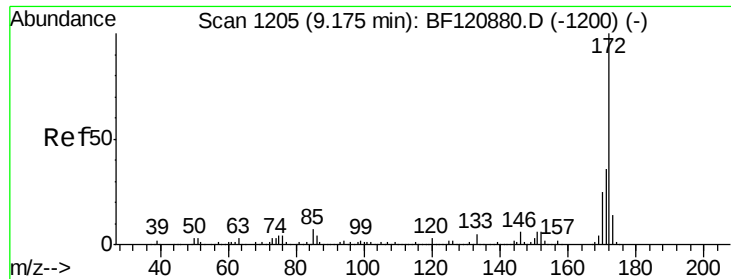
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

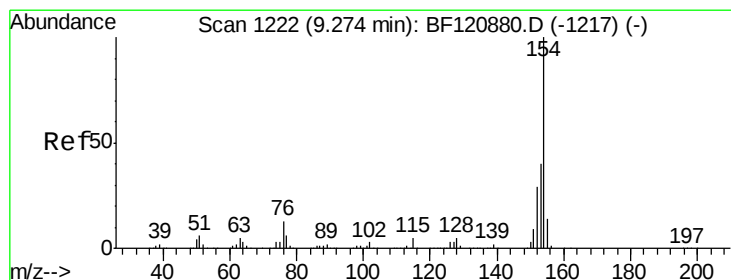
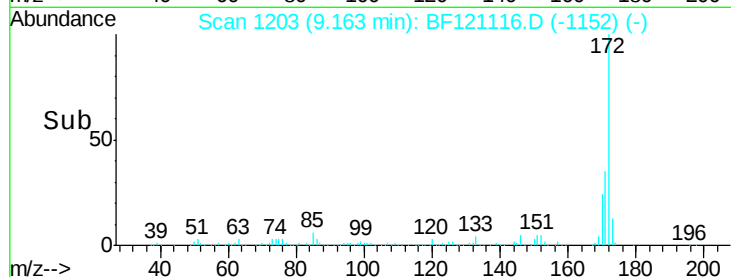
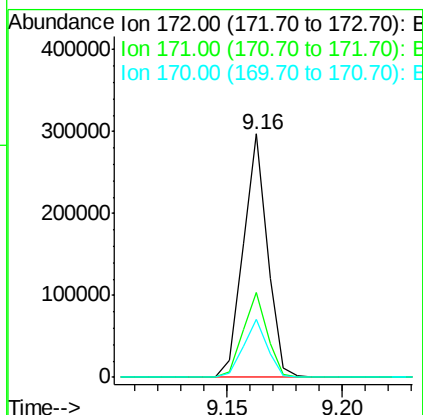
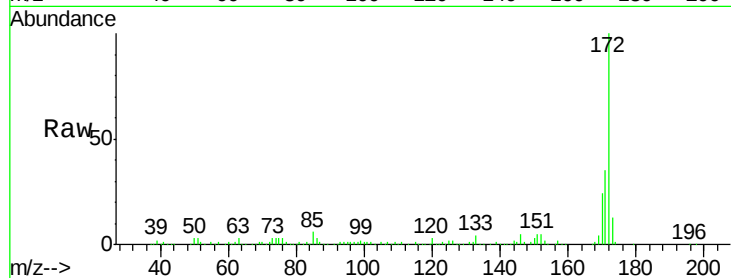




#45
 2-Fluorobiphenyl
 Concen: 10.042 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BF121116.D
 Acq: 29 Jul 2020 22:33

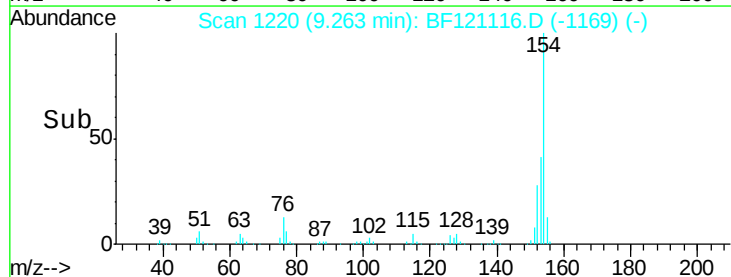
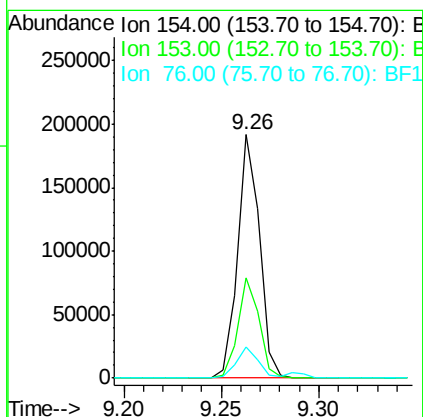
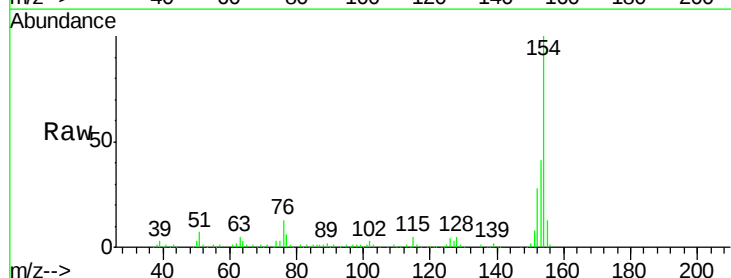
Instrument :
 BNA_F
 ClientSampleId :
 20MSD

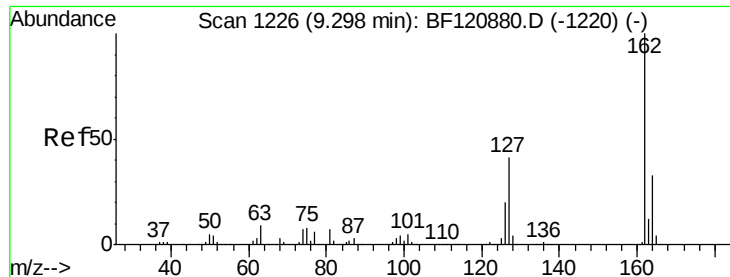
Tot Ion:172 Resp: 217780
 Ion Ratio Lower Upper
 172 100
 171 34.9 29.0 43.4
 170 23.7 19.6 29.4



#46
 1,1'-Biphenyl
 Concen: 6.016 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.00 min
 Lab File: BF121116.D
 Acq: 29 Jul 2020 22:33

Tgt Ion:154 Resp: 148604
 Ion Ratio Lower Upper
 154 100
 153 41.0 20.6 60.6
 76 12.9 0.0 33.4

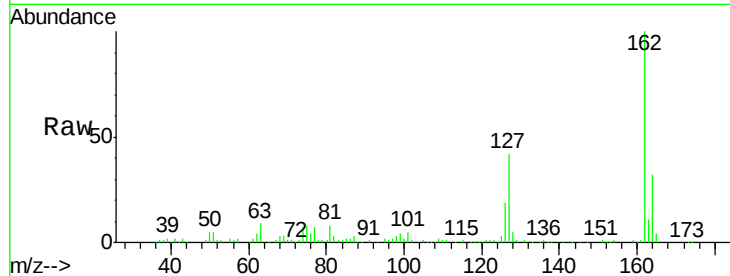




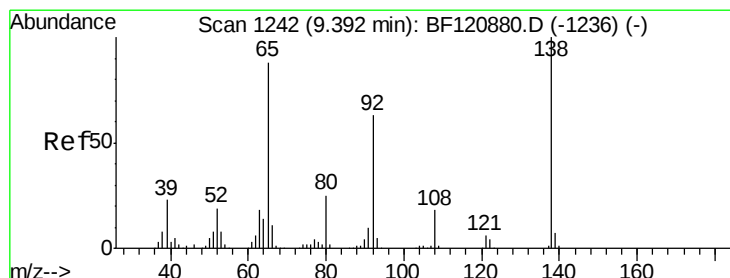
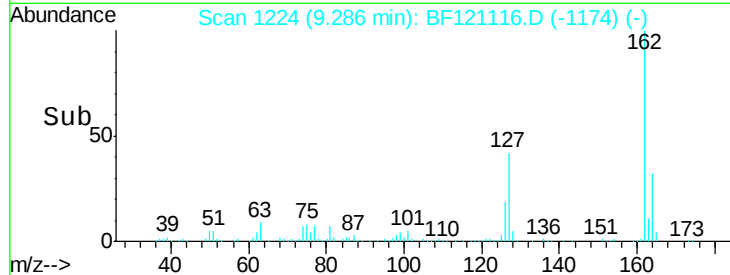
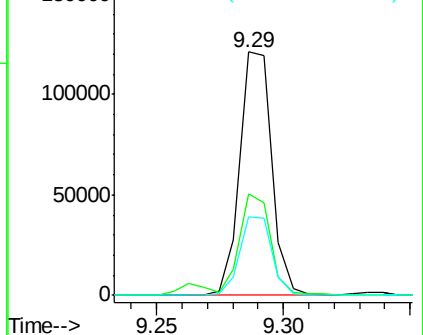
#47
2-Chloronaphthalene
Concen: 5.286 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF121116.D
Acq: 29 Jul 2020 22:33

Instrument :
BNA_F
ClientSampleId :
20MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.6	31.1	46.7
164	32.2	26.6	40.0

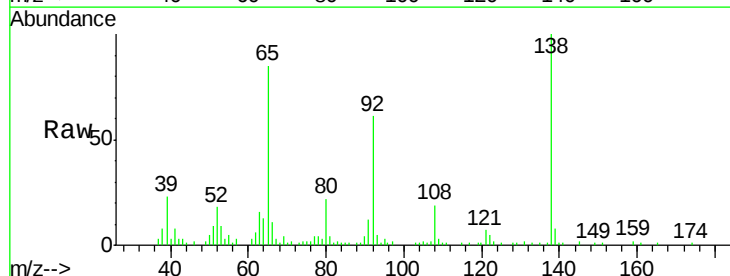


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

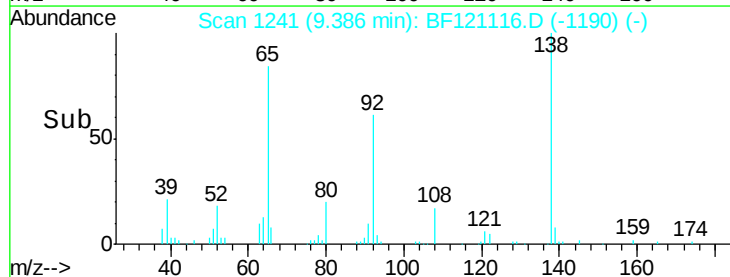
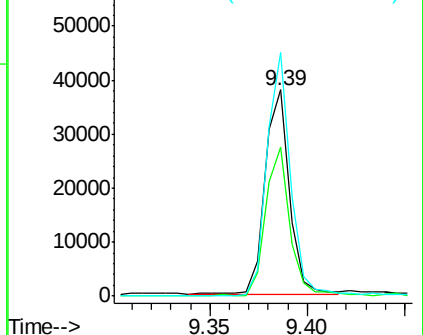


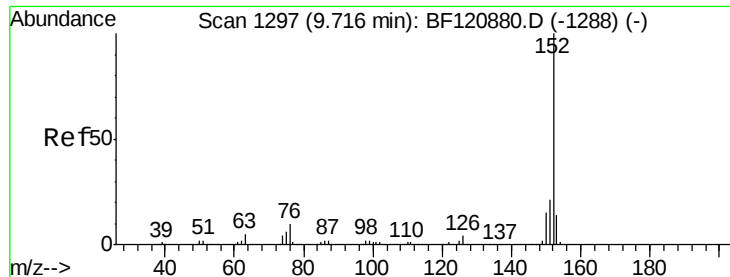
#48
2-Nitroaniline
Concen: 5.384 ng
RT: 9.39 min Scan# 1241
Delta R.T. -0.00 min
Lab File: BF121116.D
Acq: 29 Jul 2020 22:33

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.5	58.0	87.0
138	118.2	93.3	139.9



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: 7.330 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.00 min

Lab File: BF121116.D

Acq: 29 Jul 2020 22:33

Instrument :

BNA_F

ClientSampleId :

20MSD

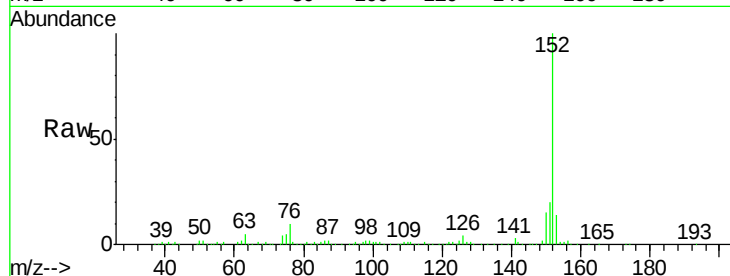
Tot Ion:152 Resp: 229306

Ion Ratio Lower Upper

152 100

151 19.7 16.6 25.0

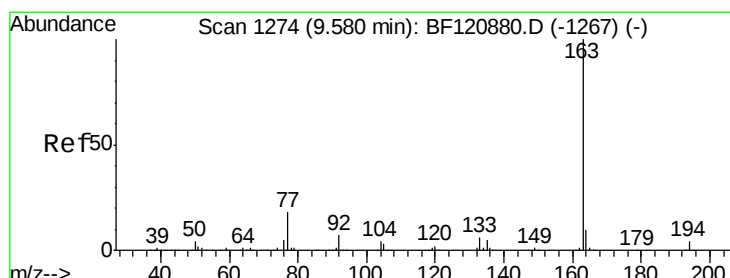
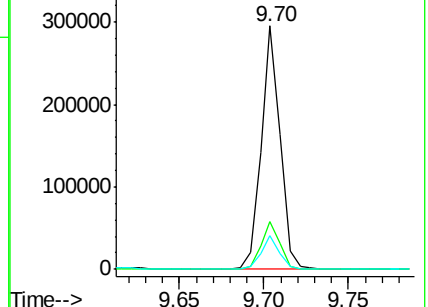
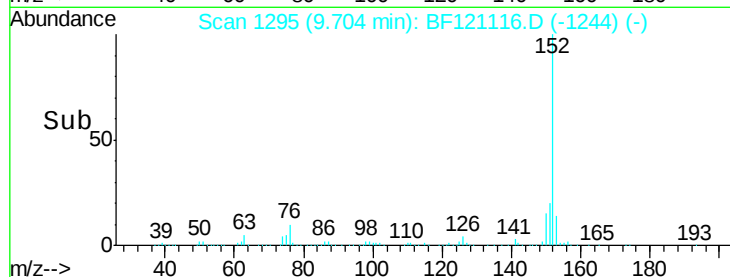
153 13.6 11.0 16.4



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: 7.080 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BF121116.D

Acq: 29 Jul 2020 22:33

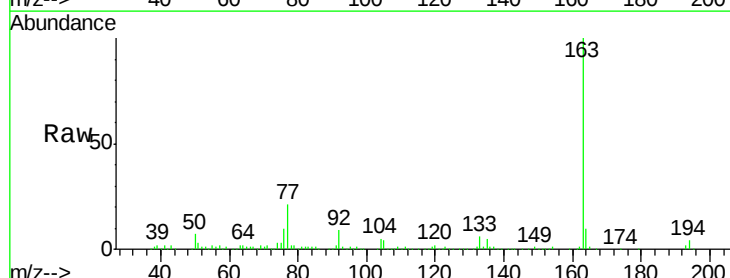
Tgt Ion:163 Resp: 165385

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

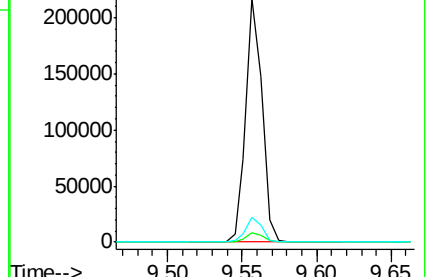
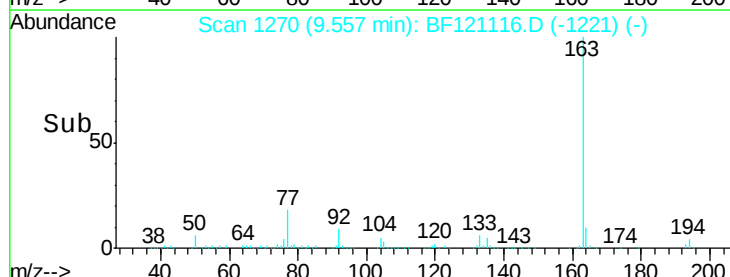
164 10.0 8.4 12.6

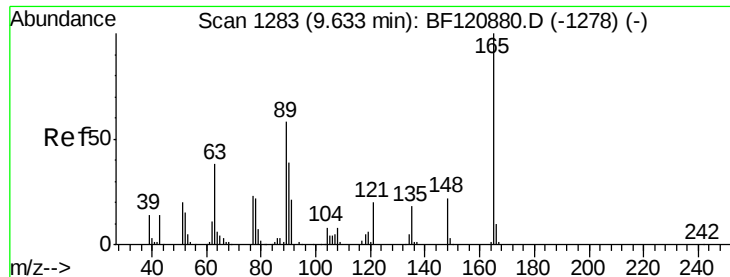


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 3.728 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF121116.D

Acq: 29 Jul 2020 22:33

Instrument :

BNA_F

ClientSampleId :

20MSD

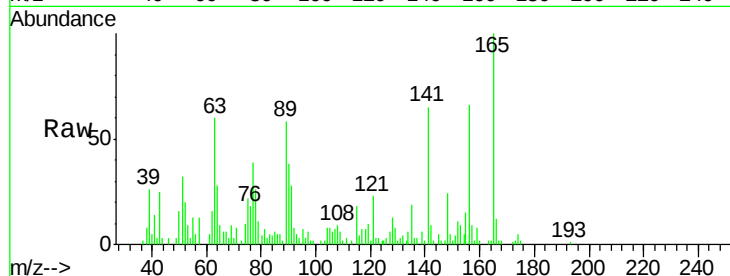
Tot Ion:165 Resp: 18710

Ion Ratio Lower Upper

165 100

63 59.8 41.1 61.7

89 58.5 43.5 65.3

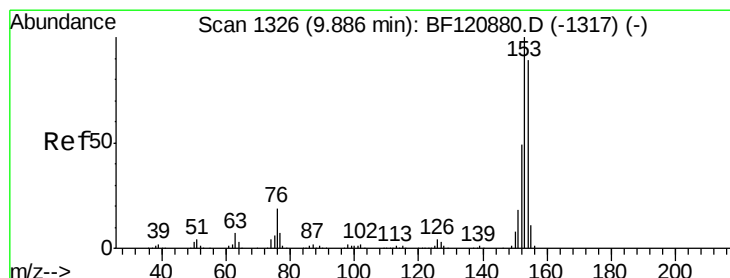
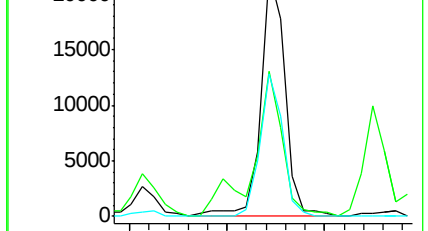
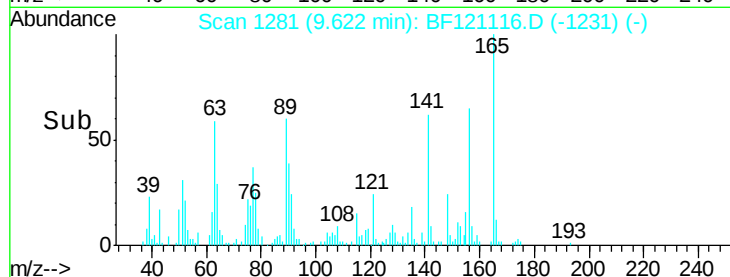


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Time-->



#52

Acenaphthene

Concen: 6.626 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.00 min

Lab File: BF121116.D

Acq: 29 Jul 2020 22:33

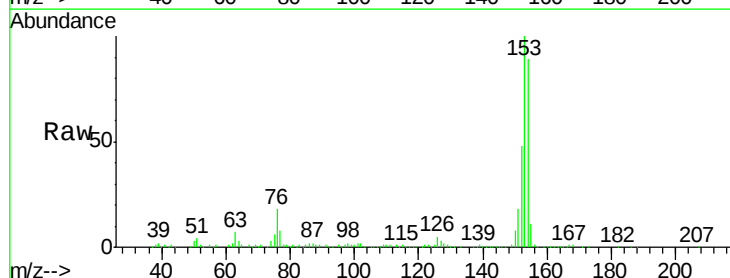
Tgt Ion:154 Resp: 131799

Ion Ratio Lower Upper

154 100

153 112.7 89.6 134.4

152 54.3 43.8 65.6

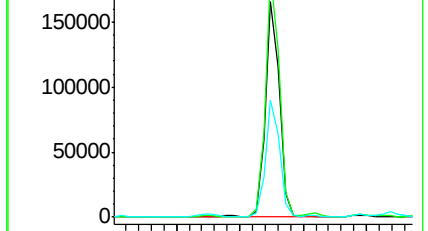
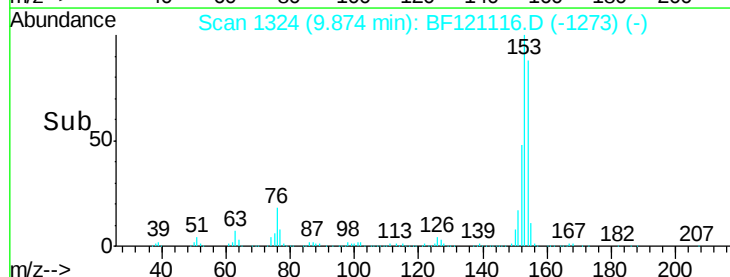


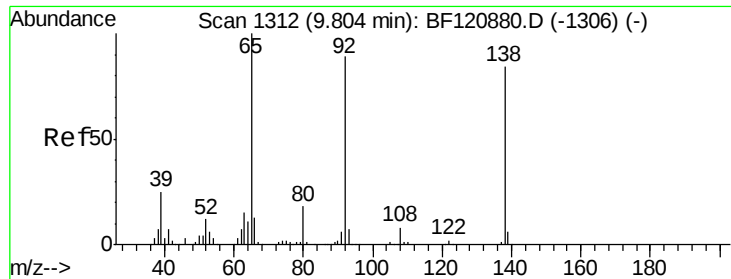
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time-->

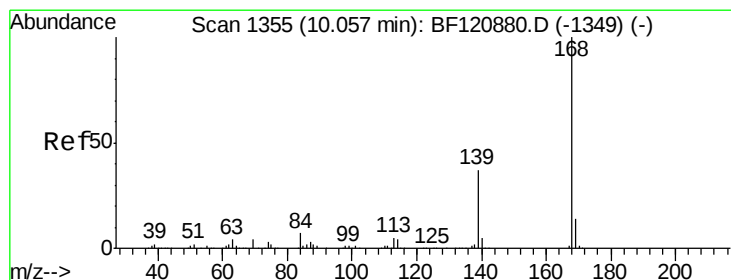
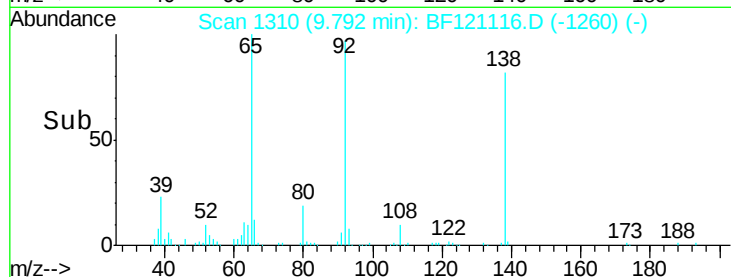
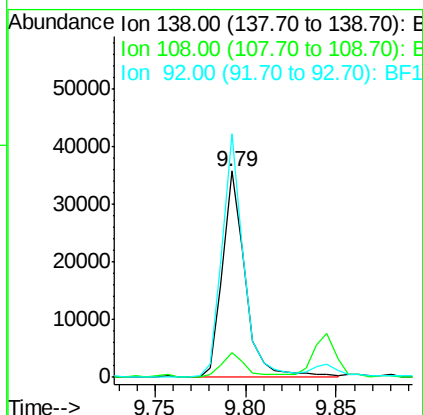
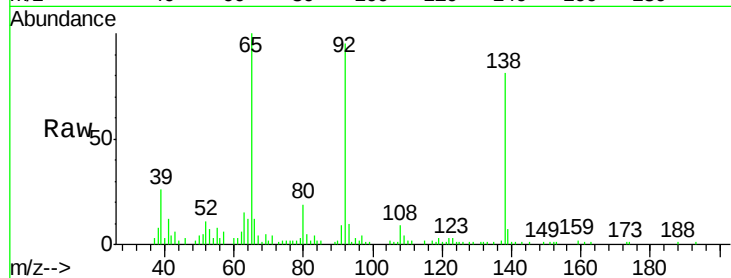




#53
3-Nitroaniline
Concen: 5.002 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF121116.D
Acq: 29 Jul 2020 22:33

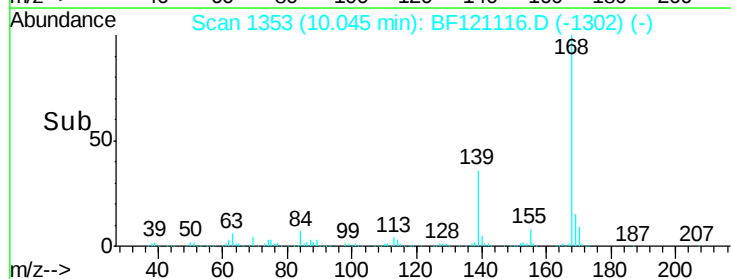
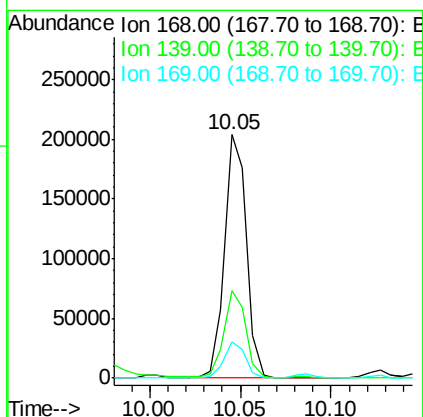
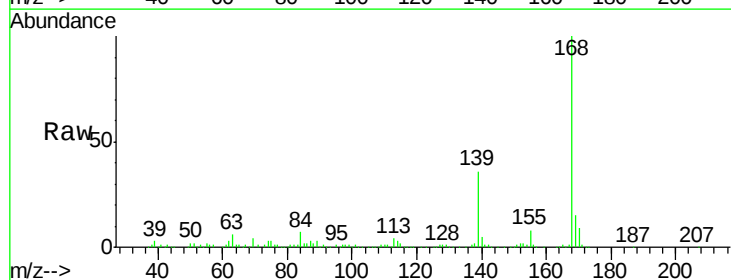
Instrument :
BNA_F
ClientSampled :
20MSD

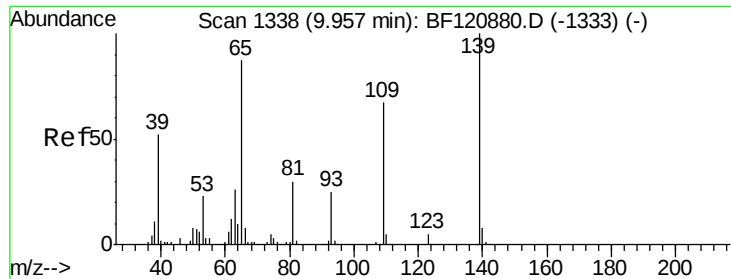
Tot Ion:138 Resp: 31483
Ion Ratio Lower Upper
138 100
108 11.7 7.8 11.8
92 118.0 85.0 127.4



#55
Dibenzofuran
Concen: 5.969 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BF121116.D
Acq: 29 Jul 2020 22:33

Tgt Ion:168 Resp: 171698
Ion Ratio Lower Upper
168 100
139 35.8 30.1 45.1
169 15.0 11.3 16.9

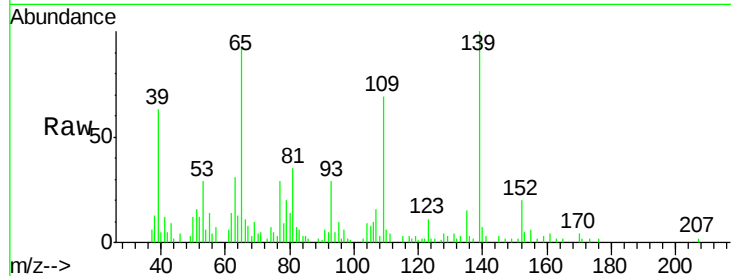




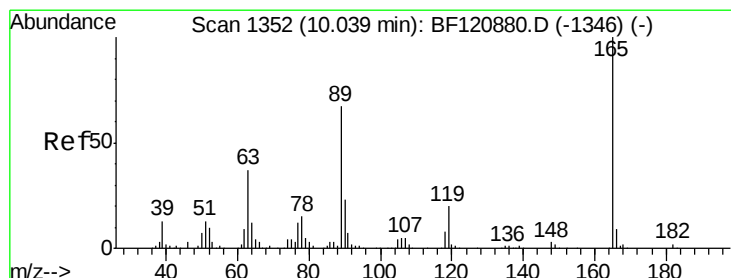
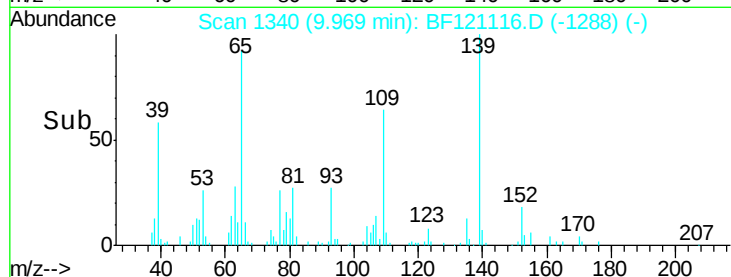
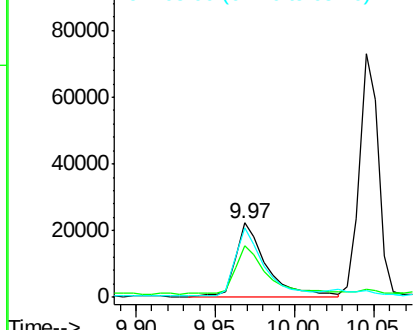
#56
4-Nitrophenol
Concen: 6.516 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF121116.D
Acq: 29 Jul 2020 22:33

Instrument :
BNA_F
ClientSampleId :
20MSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	69.0	44.8	84.8
65	93.1	65.6	105.6



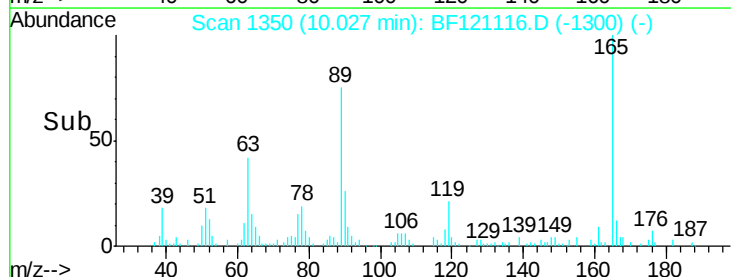
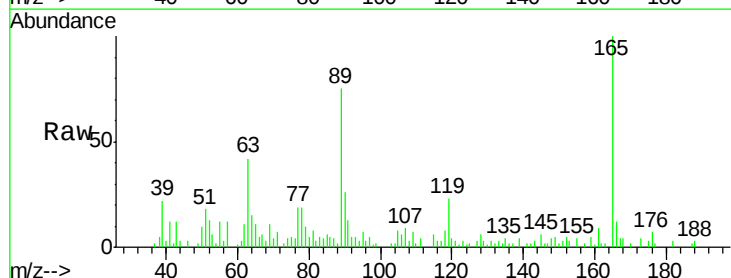
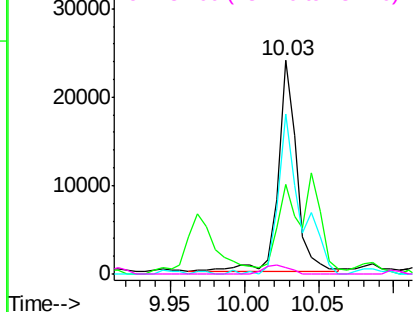
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

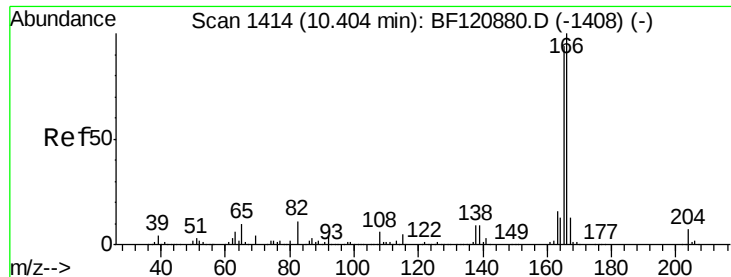


#57
2,4-Dinitrotoluene
Concen: 3.105 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BF121116.D
Acq: 29 Jul 2020 22:33

Tgt Ion	Ratio	Lower	Upper
165	100		
63	42.3	29.8	44.8
89	75.0	50.3	75.5
182	3.0	2.1	3.1

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

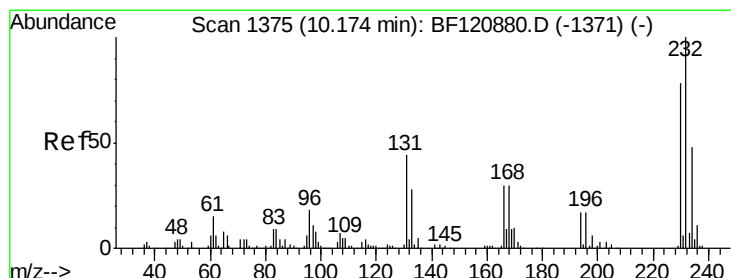
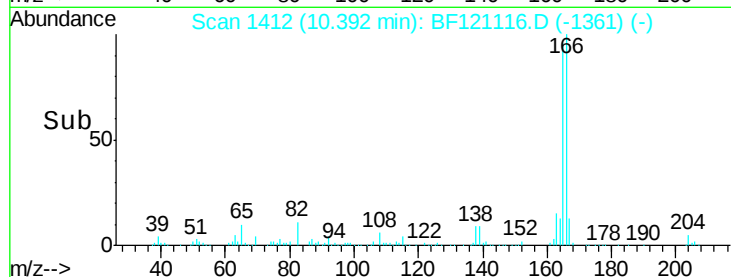
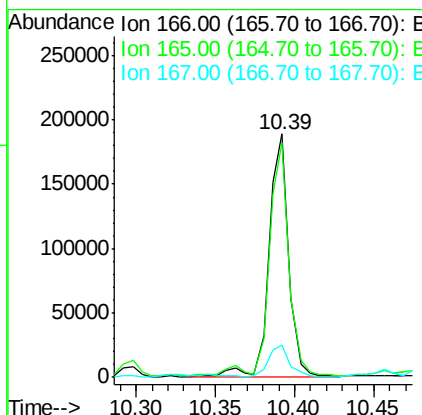
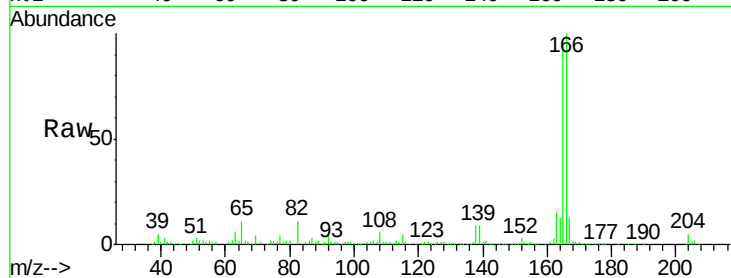




#58
 Fluorene
 Concen: 7.637 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.00 min
 Lab File: BF121116.D
 Acq: 29 Jul 2020 22:33

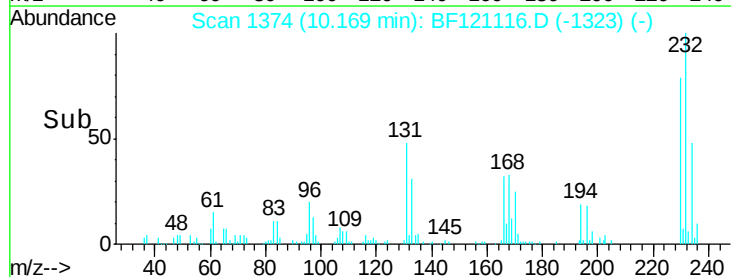
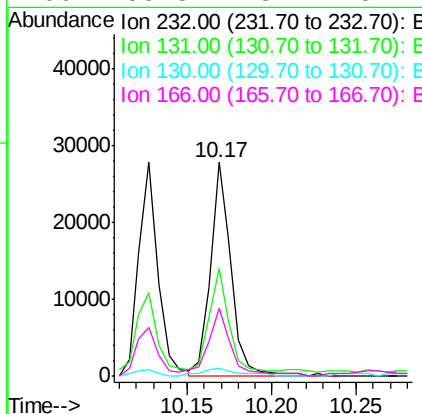
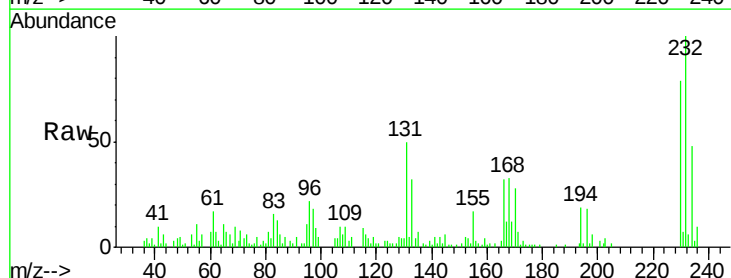
Instrument :
 BNA_F
 ClientSampleId :
 20MSD

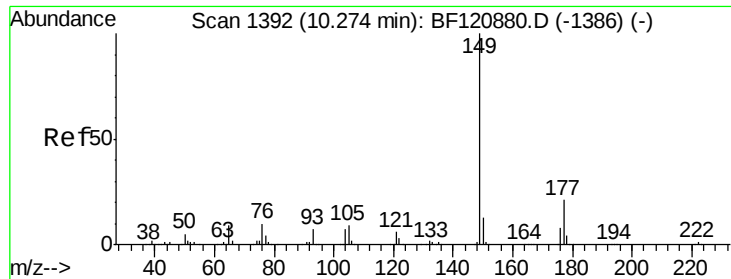
Tot Ion	Ratio	Lower	Upper
166	100		
165	96.4	76.4	114.6
167	13.1	10.7	16.1



#59
 2,3,4,6-Tetrachlorophenol
 Concen: 4.171 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. -0.00 min
 Lab File: BF121116.D
 Acq: 29 Jul 2020 22:33

Tgt Ion	Ratio	Lower	Upper
232	100		
131	44.8	34.2	51.2
130	6.8	1.7	2.5#
166	35.8	23.1	34.7#

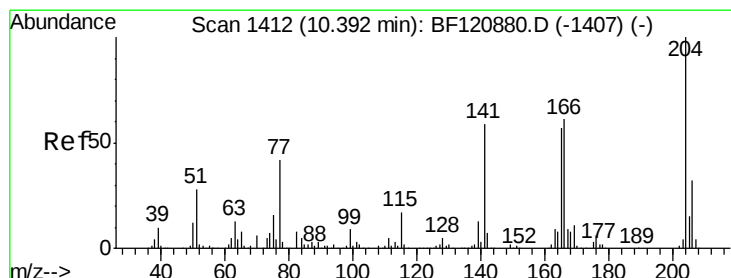
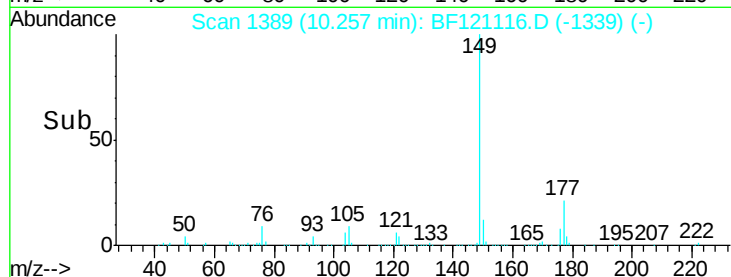
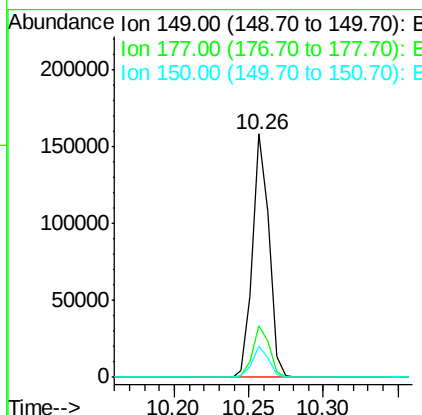
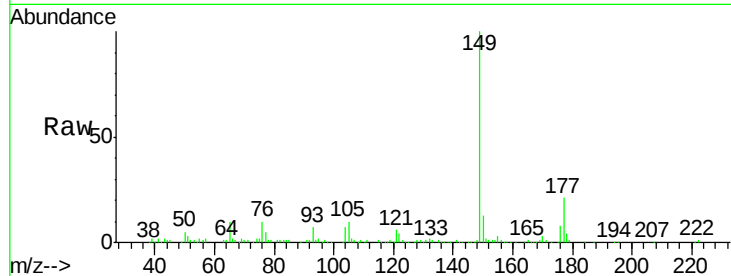




#60
Diethylphthalate
Concen: 5.058 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BF121116.D
Acq: 29 Jul 2020 22:33

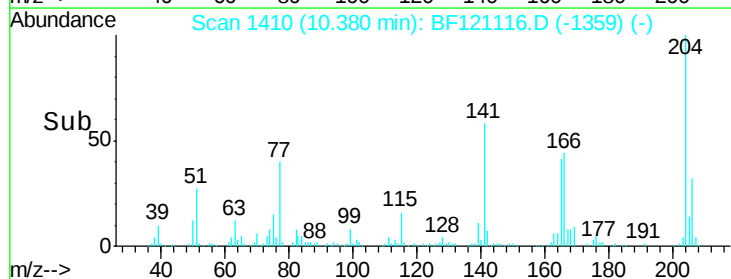
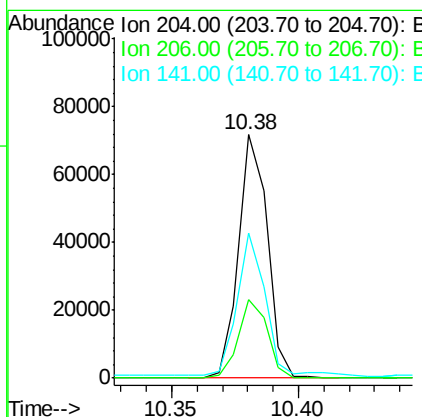
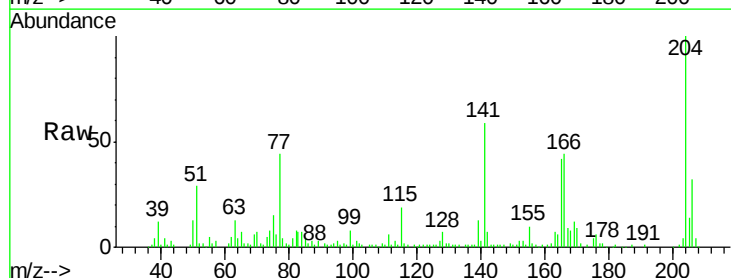
Instrument :
BNA_F
ClientSampleId :
20MSD

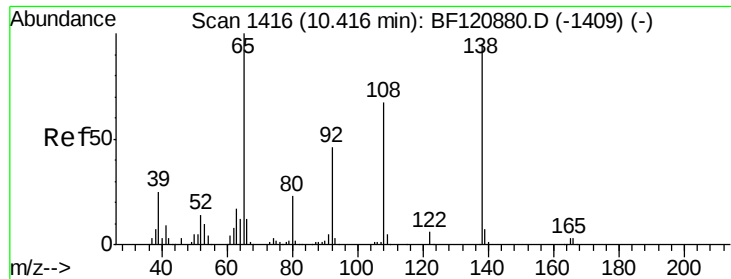
Tot Ion:149 Resp: 119517
Ion Ratio Lower Upper
149 100
177 21.3 17.6 26.4
150 12.5 10.2 15.4



#61
4-Chlorophenyl-phenylether
Concen: 4.938 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.00 min
Lab File: BF121116.D
Acq: 29 Jul 2020 22:33

Tgt Ion:204 Resp: 56503
Ion Ratio Lower Upper
204 100
206 32.1 26.0 39.0
141 59.5 46.9 70.3

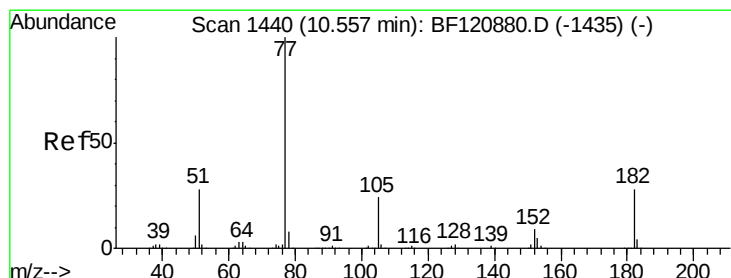
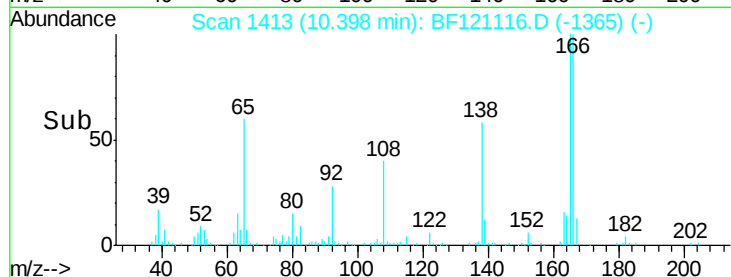
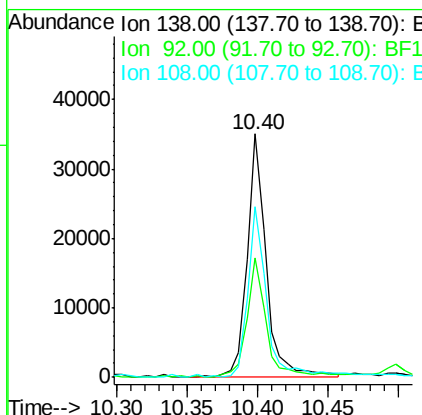
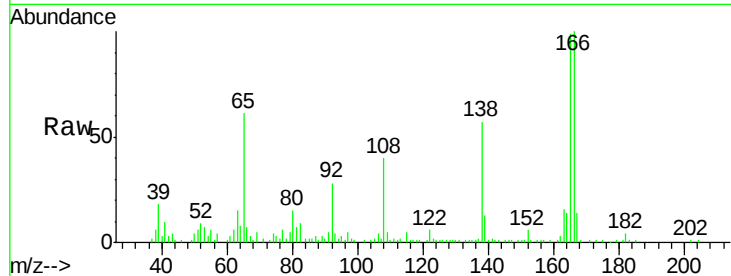




#62
4-Nitroaniline
Concen: 5.423 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.02 min
Lab File: BF121116.D
Acq: 29 Jul 2020 22:33

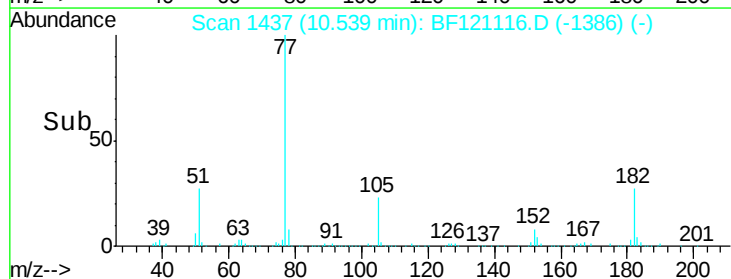
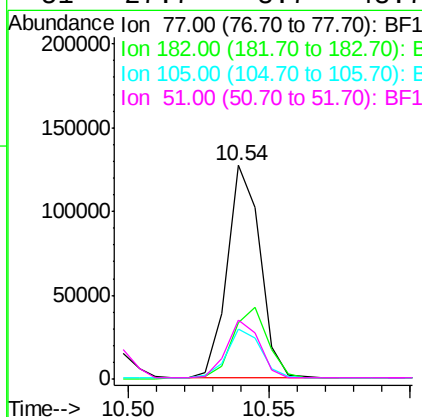
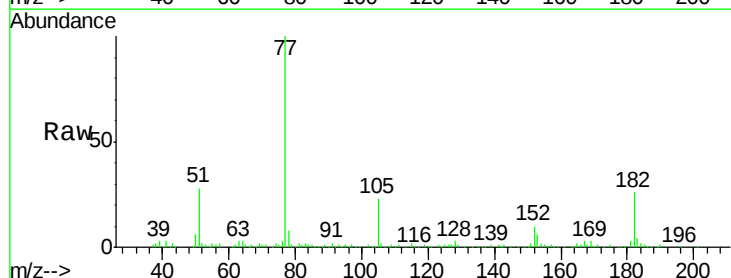
Instrument :
BNA_F
ClientSampled :
20MSD

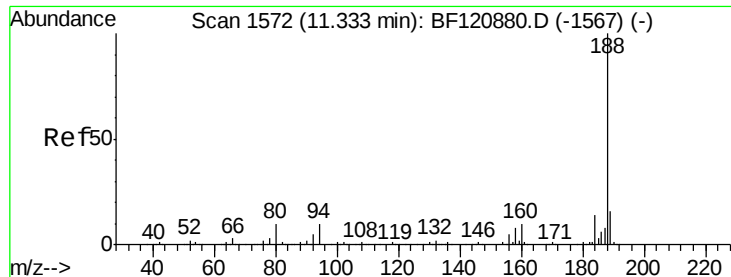
Tot Ion:138 Resp: 33254
Ion Ratio Lower Upper
138 100
92 48.9 25.2 65.2
108 70.2 46.7 86.7



#63
Azobenzene
Concen: 4.551 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BF121116.D
Acq: 29 Jul 2020 22:33

Tgt Ion: 77 Resp: 102375
Ion Ratio Lower Upper
77 100
182 26.3 4.5 44.5
105 23.3 3.4 43.4
51 27.7 8.7 48.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1571

Delta R.T. 0.01 min

Lab File: BF121116.D

Acq: 29 Jul 2020 22:33

Instrument :

BNA_F

ClientSampleId :

20MSD

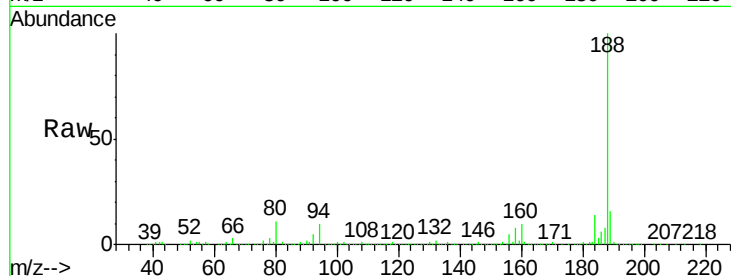
Tot Ion:188 Resp: 550058

Ion Ratio Lower Upper

188 100

94 9.9 8.0 12.0

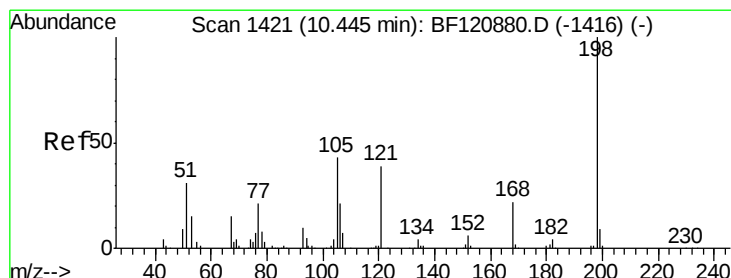
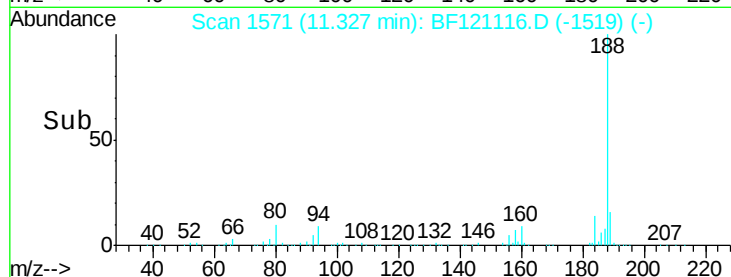
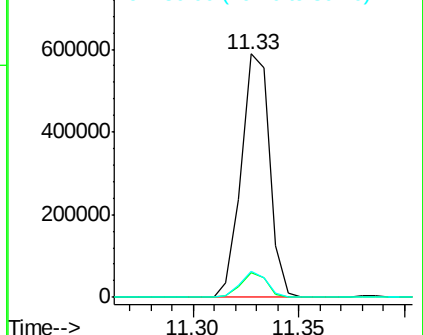
80 10.6 8.3 12.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#65

4,6-Dinitro-2-methylphenol

Concen: 4.223 ng

RT: 10.17 min Scan# 1374

Delta R.T. -0.27 min

Lab File: BF121116.D

Acq: 29 Jul 2020 22:33

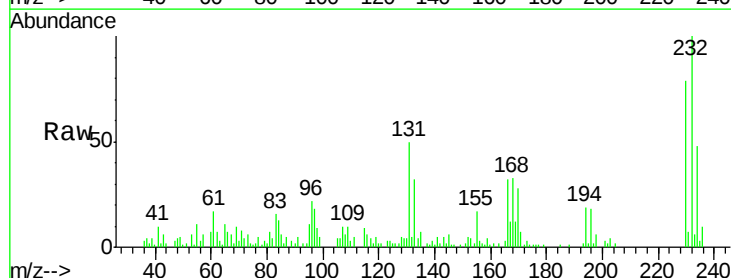
Tgt Ion:198 Resp: 1315

Ion Ratio Lower Upper

198 100

51 35.3 23.4 63.4

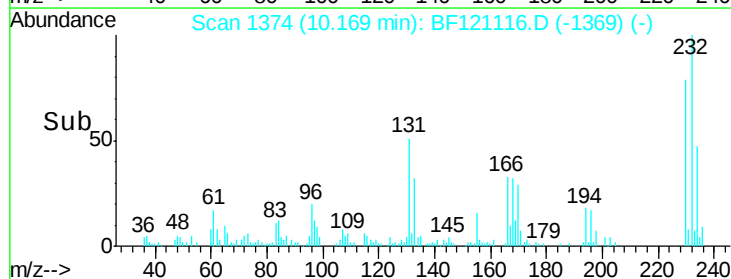
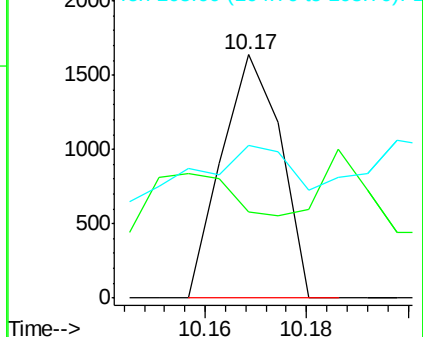
105 62.7 23.7 63.7

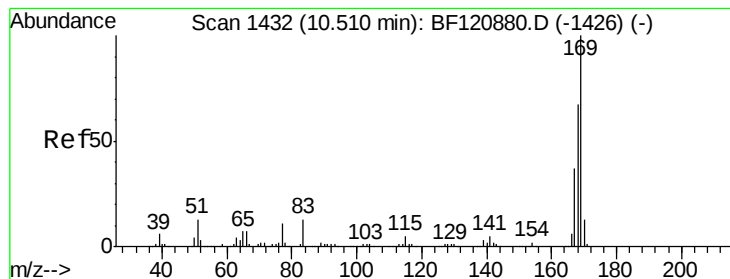


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#66

n-Nitrosodiphenylamine

Concen: 5.855 ng

RT: 10.50 min Scan# 1430

Delta R.T. -0.01 min

Lab File: BF121116.D

Acq: 29 Jul 2020 22:33

Instrument :

BNA_F

ClientSampleId :

20MSD

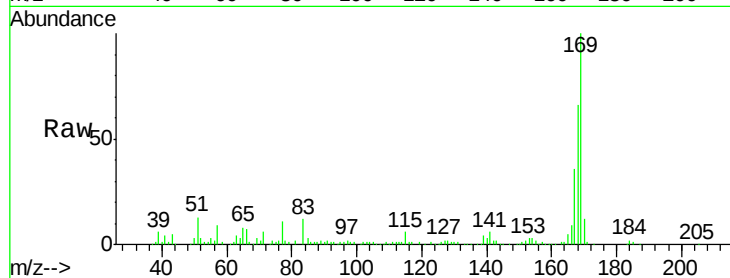
Tot Ion:169 Resp: 101322

Ion Ratio Lower Upper

169 100

168 66.3 53.7 80.5

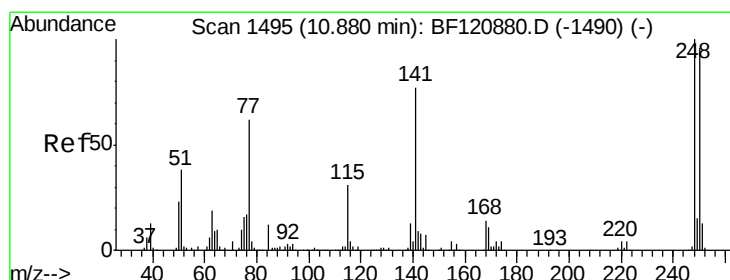
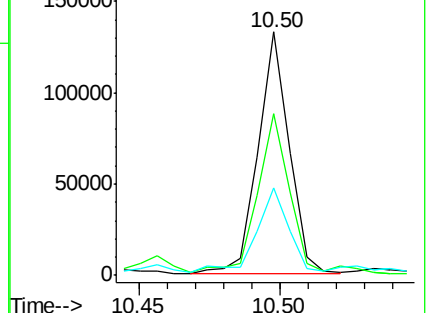
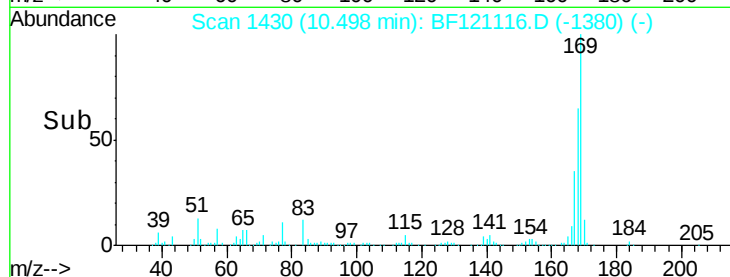
167 35.9 30.0 45.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#67

4-Bromophenyl-phenylether

Concen: 5.250 ng

RT: 10.87 min Scan# 1494

Delta R.T. 0.01 min

Lab File: BF121116.D

Acq: 29 Jul 2020 22:33

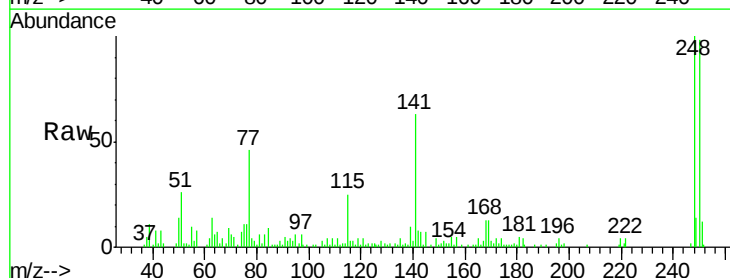
Tgt Ion:248 Resp: 32195

Ion Ratio Lower Upper

248 100

250 97.6 77.0 115.6

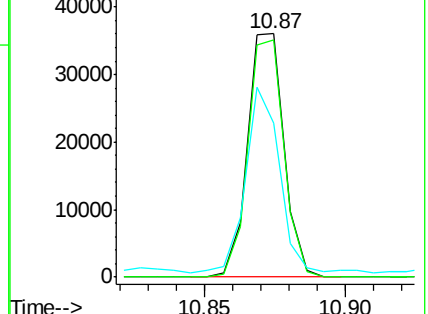
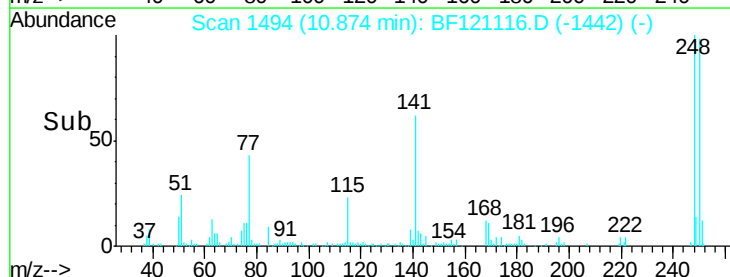
141 63.3 56.6 85.0

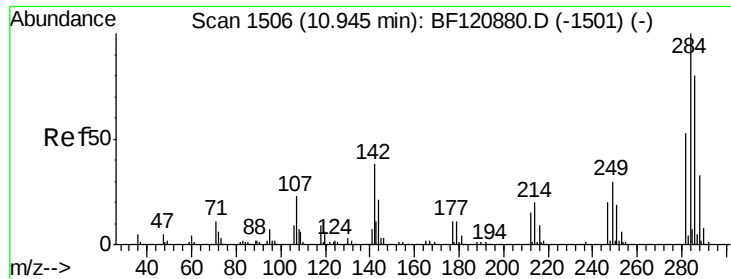


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#68

Hexachlorobenzene

Concen: 5.137 ng

RT: 10.94 min Scan# 1505

Delta R.T. -0.00 min

Lab File: BF121116.D

Acq: 29 Jul 2020 22:33

Instrument :

BNA_F

ClientSampled :

20MSD

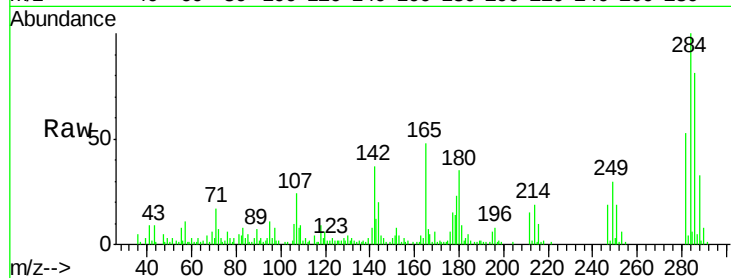
Tot Ion:284 Resp: 34077

Ion Ratio Lower Upper

284 100

142 36.8 21.1 31.7#

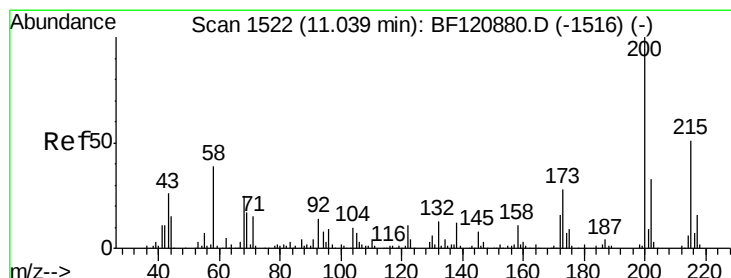
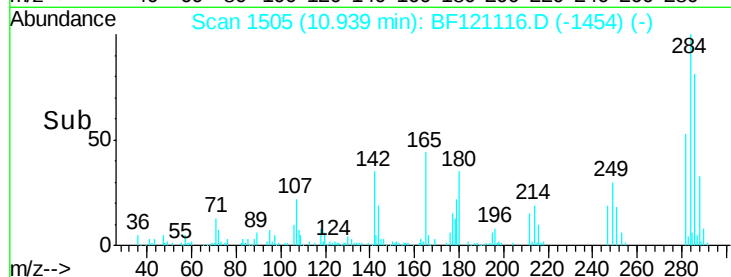
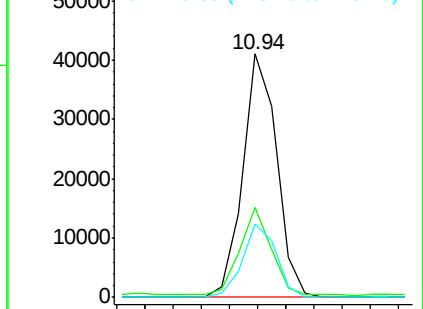
249 30.2 22.5 33.7



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#69

Atrazine

Concen: 5.909 ng

RT: 11.03 min Scan# 1520

Delta R.T. -0.00 min

Lab File: BF121116.D

Acq: 29 Jul 2020 22:33

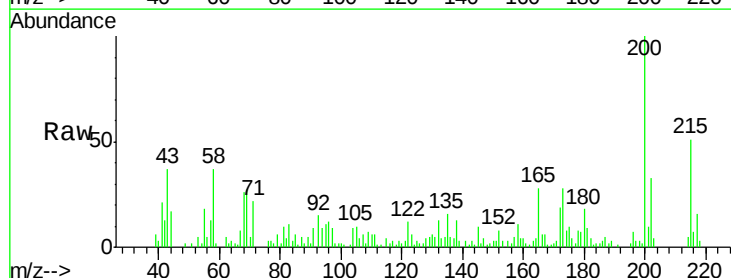
Tgt Ion:200 Resp: 25323

Ion Ratio Lower Upper

200 100

173 28.1 7.6 47.6

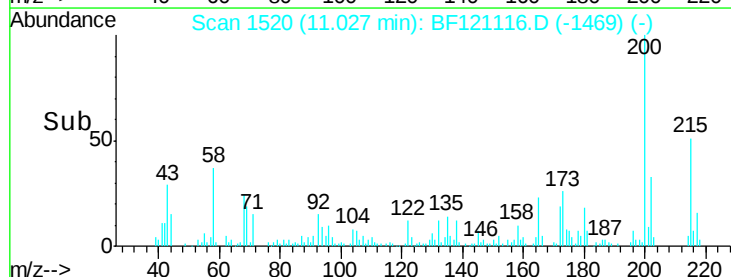
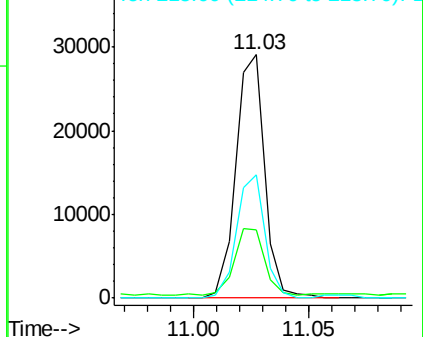
215 50.7 28.8 68.8

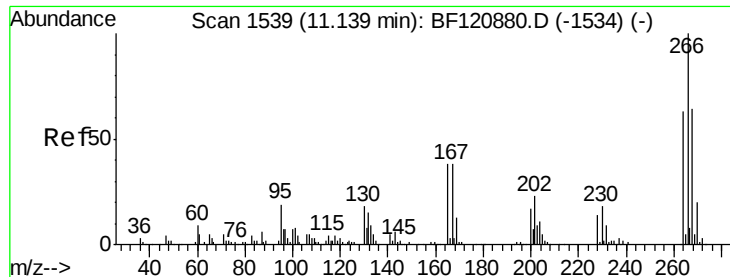


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#70

Pentachlorophenol

Concen: 6.027 ng

RT: 11.14 min Scan# 1539

Delta R.T. 0.01 min

Lab File: BF121116.D

Acq: 29 Jul 2020 22:33

Instrument :

BNA_F

ClientSampleId :

20MSD

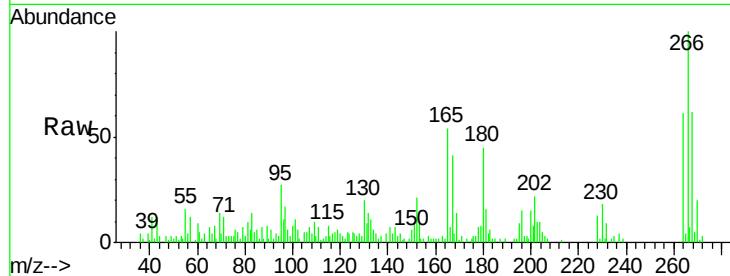
Tot Ion:266 Resp: 22906

Ion Ratio Lower Upper

266 100

268 61.9 49.7 74.5

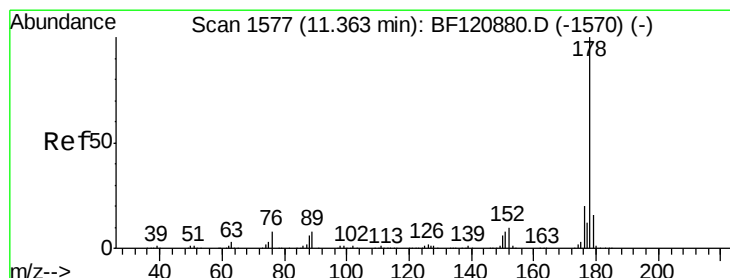
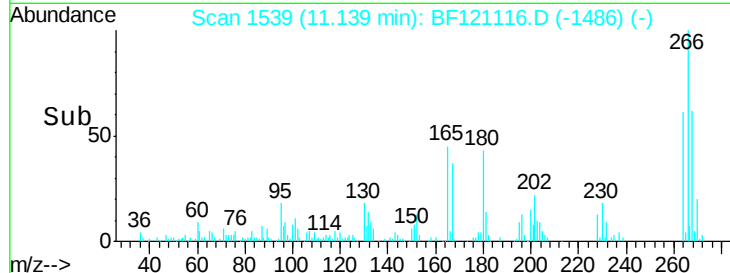
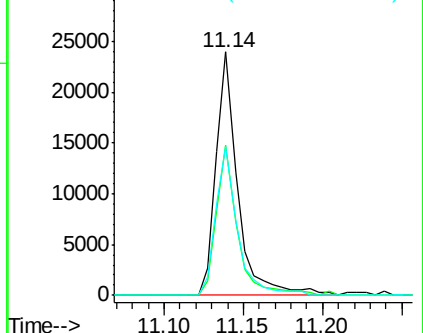
264 61.1 50.4 75.6



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#71

Phenanthrene

Concen: 18.914 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.00 min

Lab File: BF121116.D

Acq: 29 Jul 2020 22:33

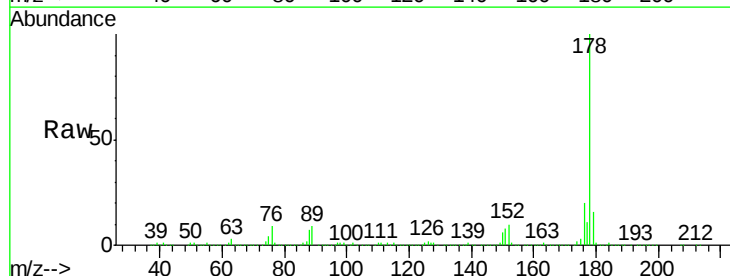
Tgt Ion:178 Resp: 535059

Ion Ratio Lower Upper

178 100

176 19.6 16.2 24.2

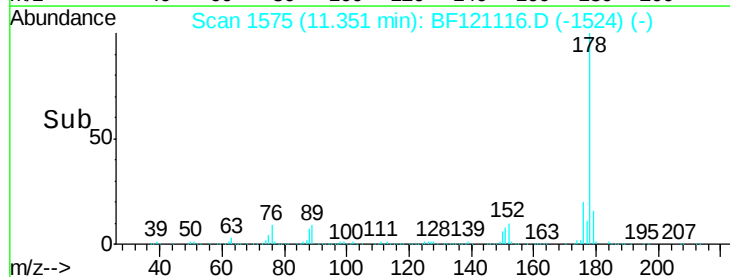
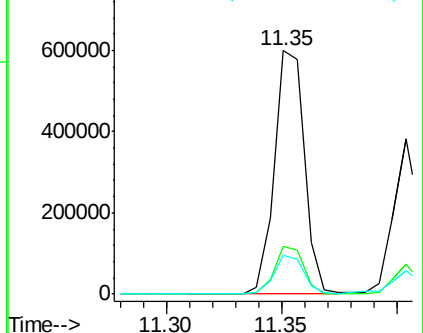
179 15.9 12.6 19.0

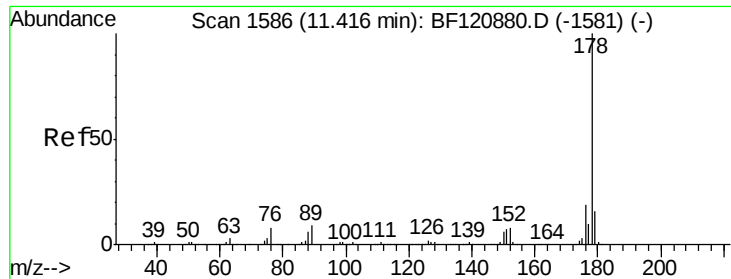


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 10.287 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.00 min

Lab File: BF121116.D

Acq: 29 Jul 2020 22:33

Instrument :

BNA_F

ClientSampleId :

20MSD

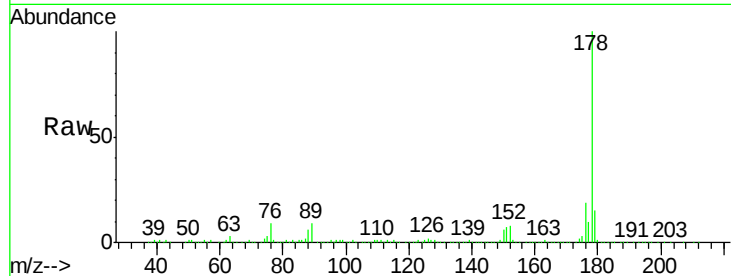
Tot Ion:178 Resp: 292224

Ion Ratio Lower Upper

178 100

176 19.0 15.8 23.8

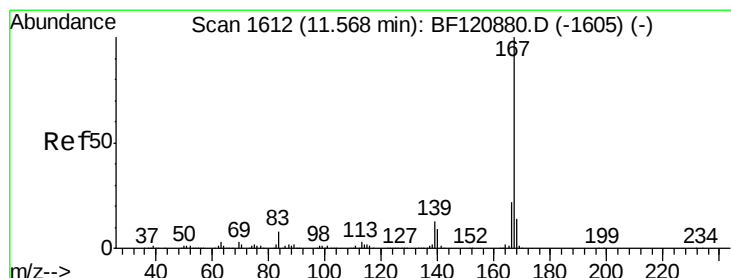
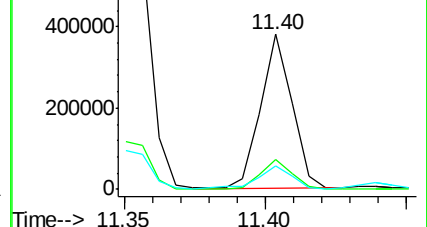
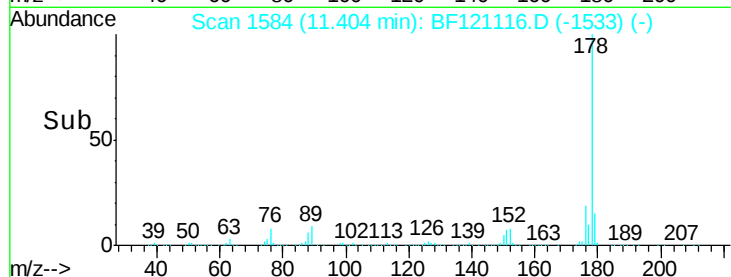
179 15.5 12.6 19.0



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: 5.995 ng

RT: 11.56 min Scan# 1610

Delta R.T. -0.00 min

Lab File: BF121116.D

Acq: 29 Jul 2020 22:33

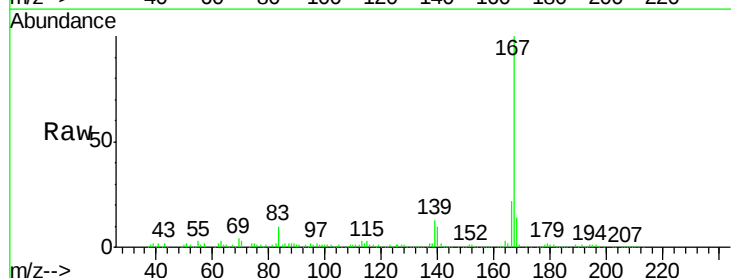
Tgt Ion:167 Resp: 169004

Ion Ratio Lower Upper

167 100

166 21.7 17.5 26.3

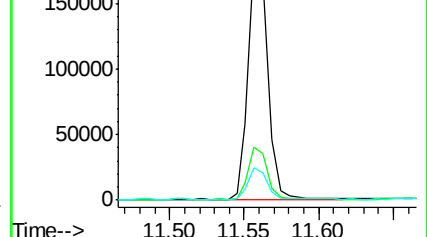
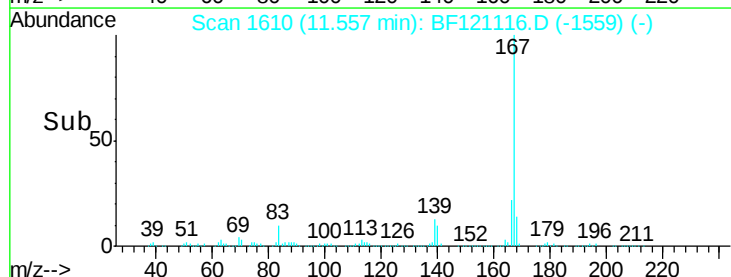
139 13.1 10.5 15.7

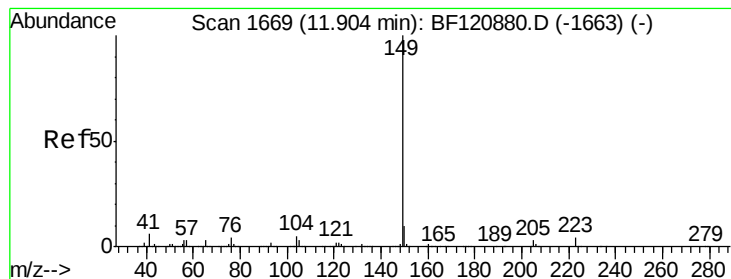


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 5.638 ng

RT: 11.89 min Scan# 1667

Delta R.T. 0.01 min

Lab File: BF121116.D

Acq: 29 Jul 2020 22:33

Instrument :

BNA_F

ClientSampleId :

20MSD

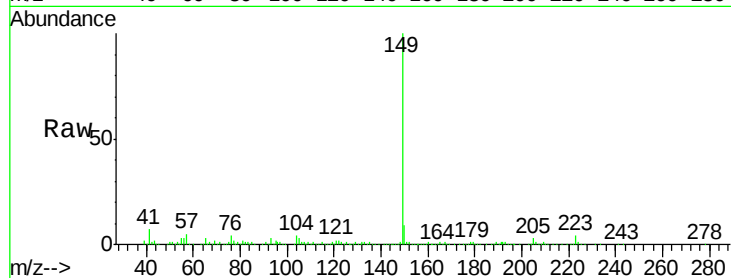
Tot Ion:149 Resp: 183415

Ion Ratio Lower Upper

149 100

150 8.6 7.8 11.8

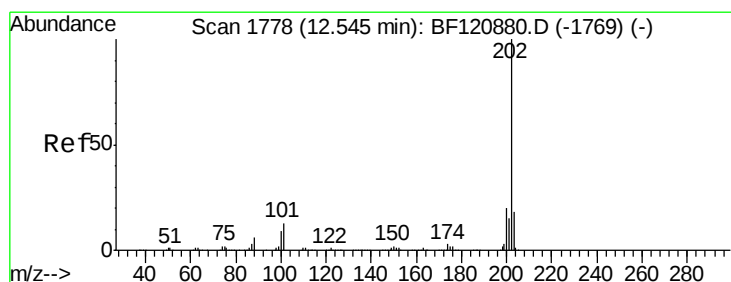
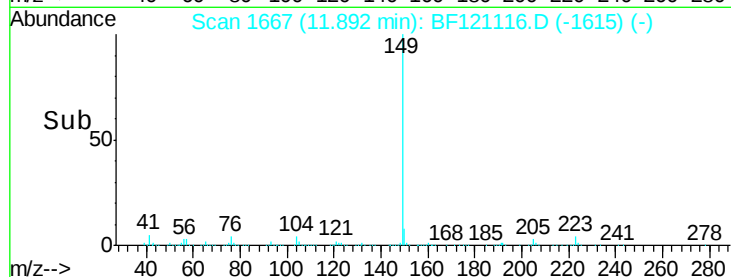
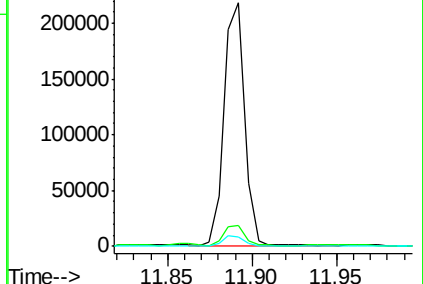
104 4.1 3.9 5.9



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: 25.878 ng

RT: 12.54 min Scan# 1778

Delta R.T. 0.01 min

Lab File: BF121116.D

Acq: 29 Jul 2020 22:33

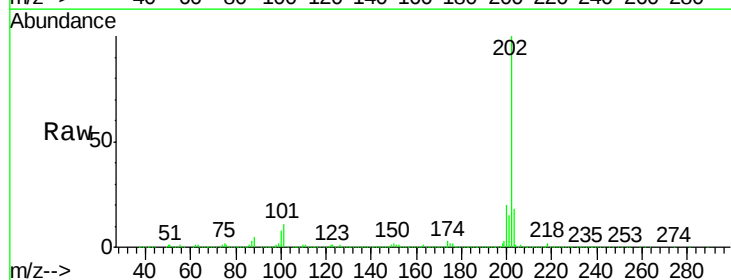
Tgt Ion:202 Resp: 811457

Ion Ratio Lower Upper

202 100

101 11.1 0.0 30.5

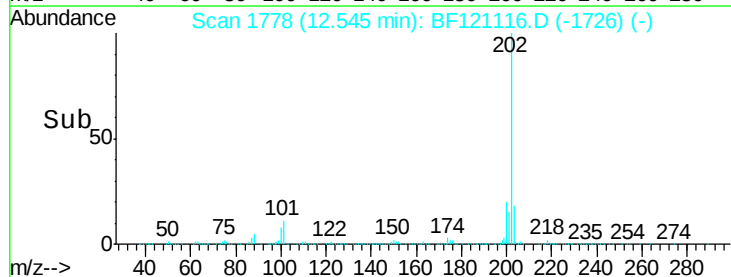
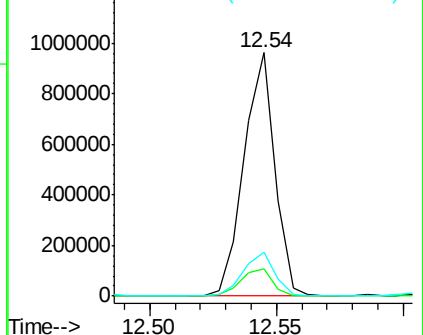
203 17.9 0.0 37.7

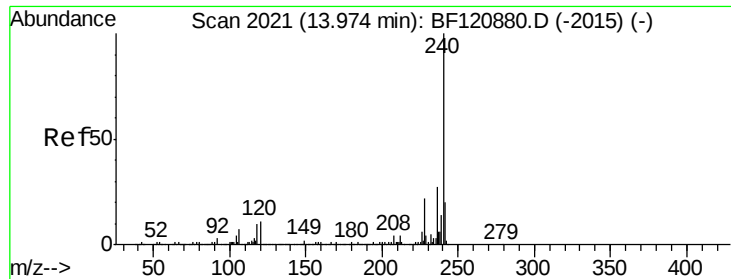


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

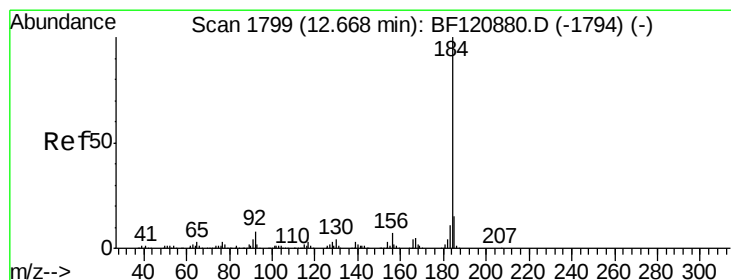
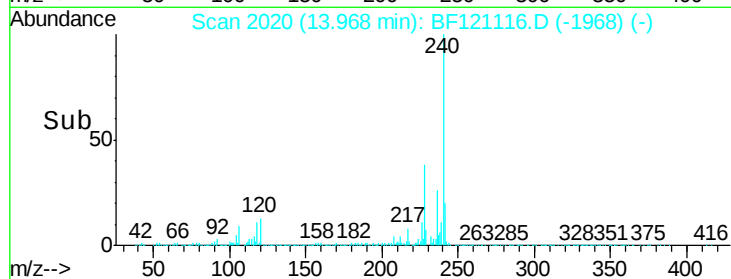
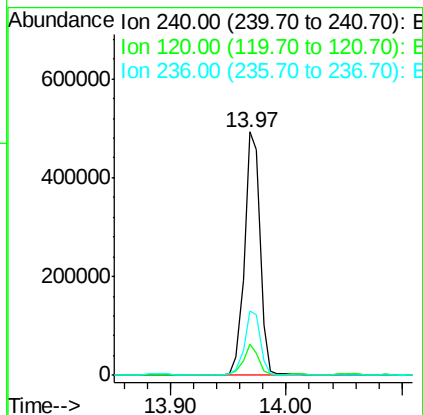
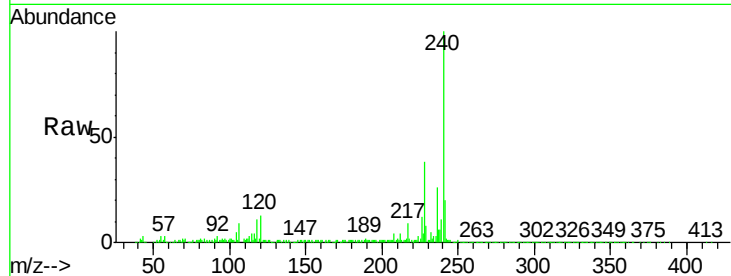




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. 0.01 min
 Lab File: BF121116.D
 Acq: 29 Jul 2020 22:33

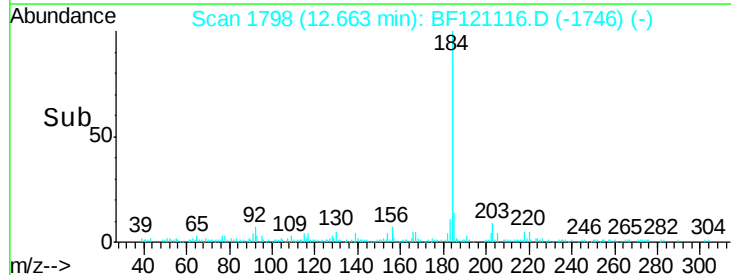
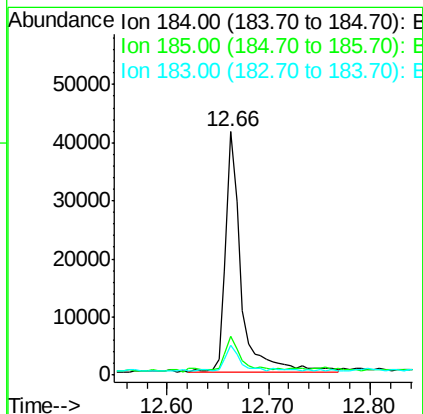
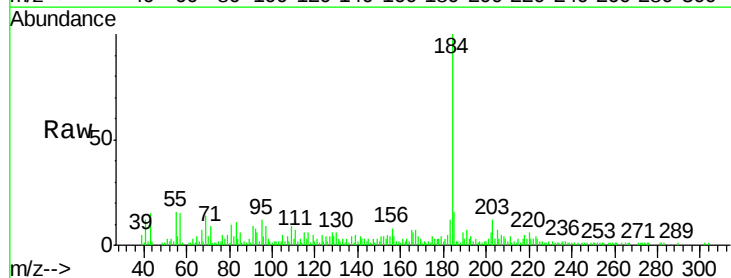
Instrument :
 BNA_F
 ClientSampleId :
 20MSD

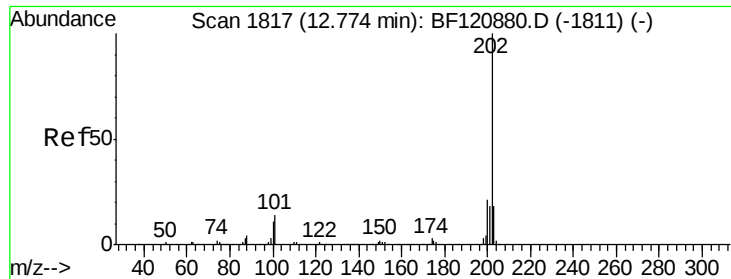
Tot Ion	Ratio	Lower	Upper
240	100		
120	12.9	9.3	13.9
236	26.3	21.1	31.7



#77
 Benzidine
 Concen: 3.647 ng
 RT: 12.66 min Scan# 1798
 Delta R.T. 0.01 min
 Lab File: BF121116.D
 Acq: 29 Jul 2020 22:33

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.7	12.1	18.1
183	12.0	9.0	13.4

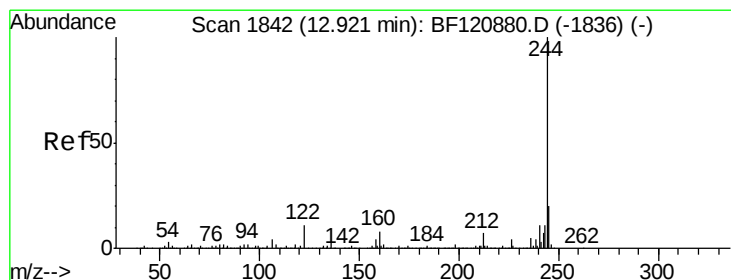
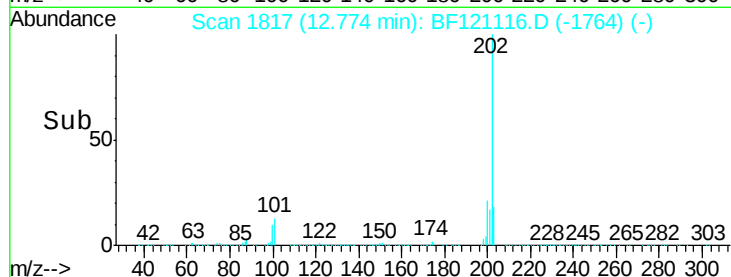
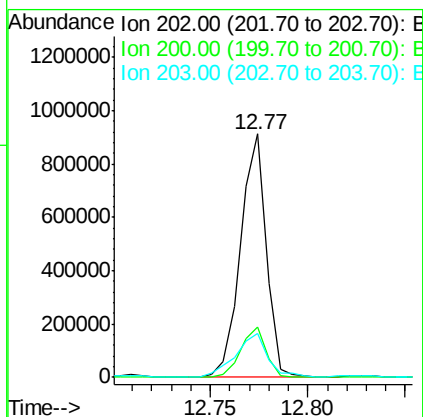
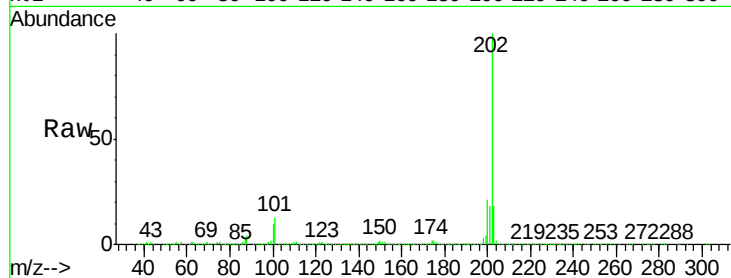




#78
Pvrene
Concen: 25.641 ng
RT: 12.77 min Scan# 1817
Delta R.T. 0.01 min
Lab File: BF121116.D
Acq: 29 Jul 2020 22:33

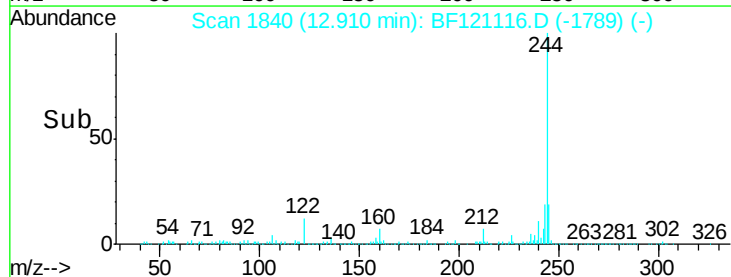
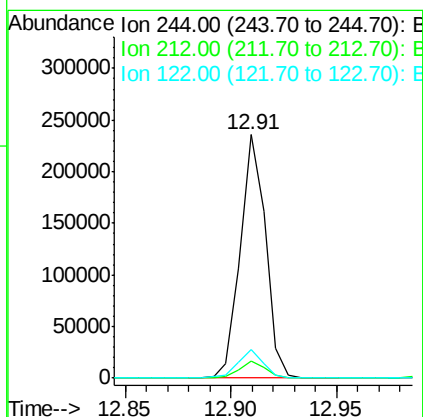
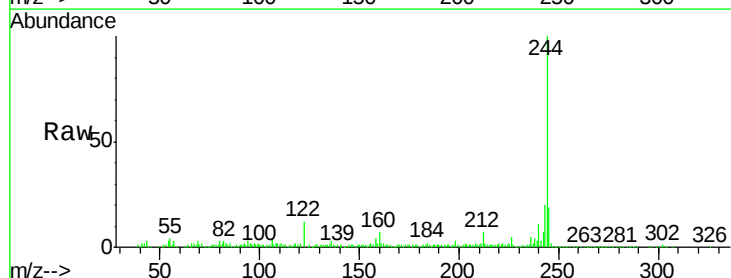
Instrument :
BNA_F
ClientSampleId :
20MSD

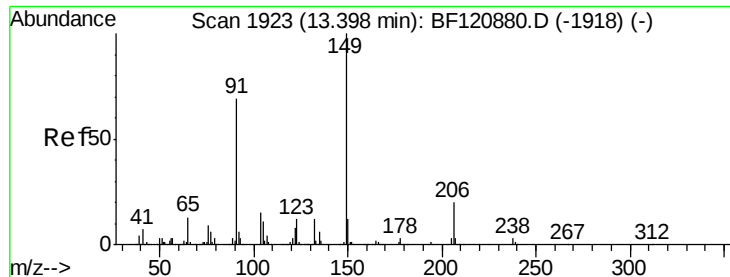
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.0	25.6
203	17.8	14.6	21.8



#79
Terphenyl-d14
Concen: 9.212 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.00 min
Lab File: BF121116.D
Acq: 29 Jul 2020 22:33

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	11.8	8.3	12.5

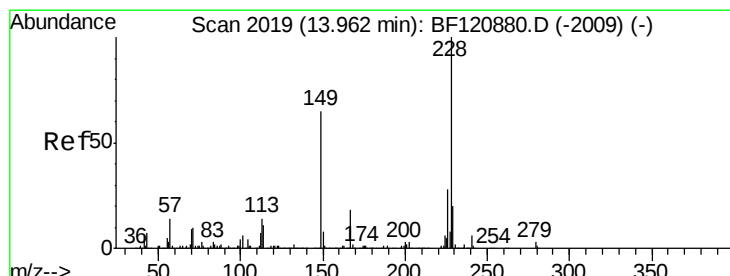
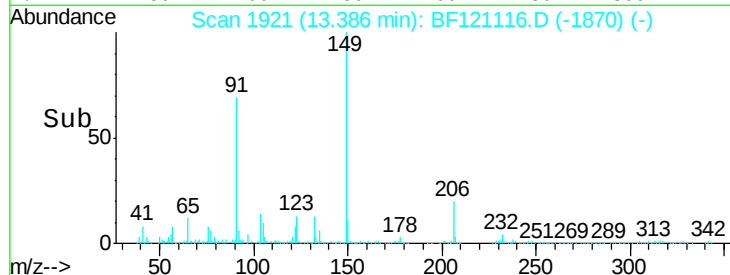
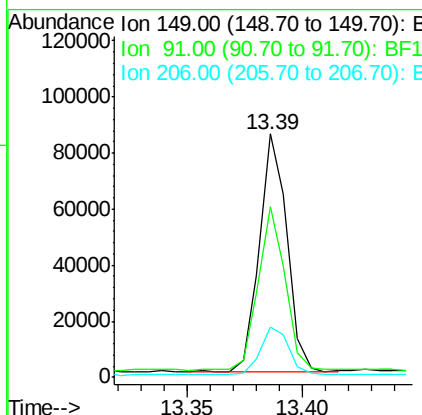
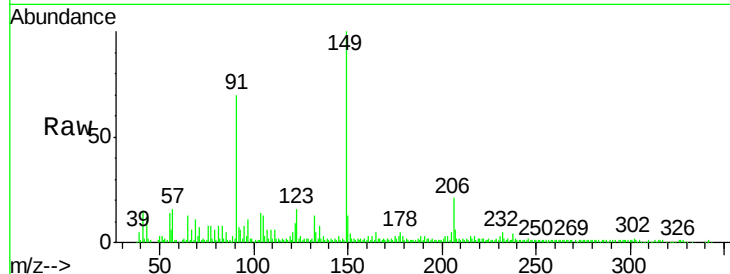




#80
 Butylbenzylphthalate
 Concen: 4.913 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. -0.00 min
 Lab File: BF121116.D
 Acq: 29 Jul 2020 22:33

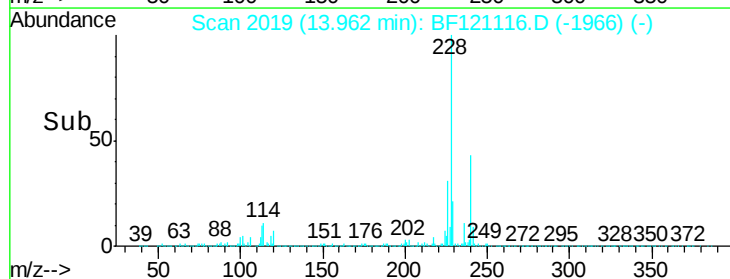
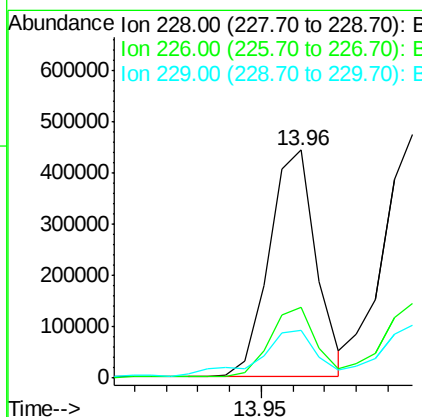
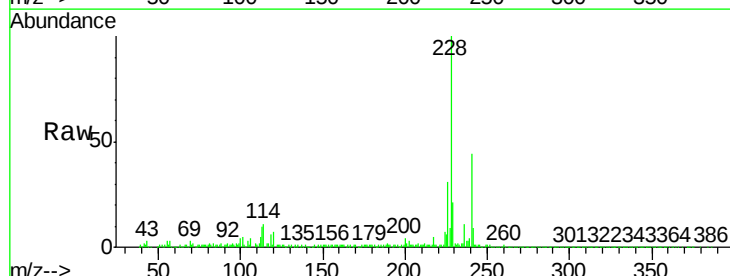
Instrument :
 BNA_F
 ClientSampleId :
 20MSD

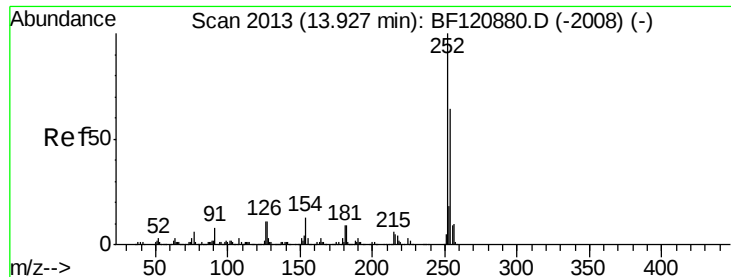
Tot Ion:149	Resp:	71224
Ion	Ratio	Lower Upper
149	100	
91	70.2	51.4 77.0
206	20.9	17.9 26.9



#81
 Benzo(a)anthracene
 Concen: 16.379 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.01 min
 Lab File: BF121116.D
 Acq: 29 Jul 2020 22:33

Tgt Ion:228	Resp:	456188
Ion	Ratio	Lower Upper
228	100	
226	31.2	22.6 34.0
229	21.2	16.1 24.1





#82

3,3'-Dichlorobenzidine

Concen: 4.832 ng

RT: 13.92 min Scan# 2012

Delta R.T. 0.01 min

Lab File: BF121116.D

Acq: 29 Jul 2020 22:33

Instrument :

BNA_F

ClientSampleId :

20MSD

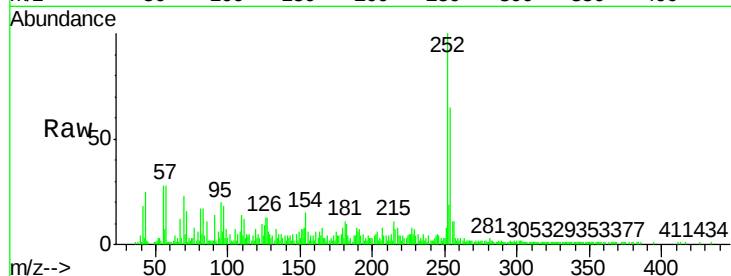
Tot Ion:252 Resp: 50779

Ion Ratio Lower Upper

252 100

254 64.8 51.3 76.9

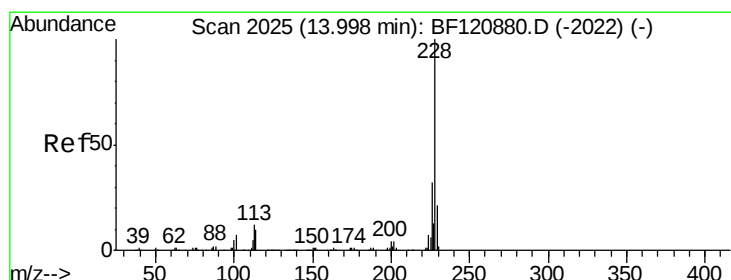
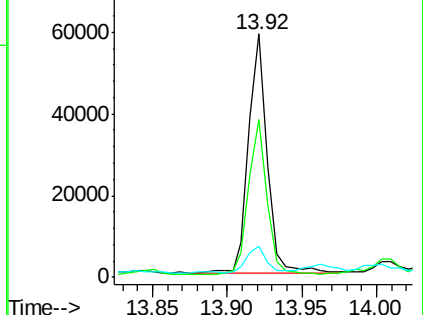
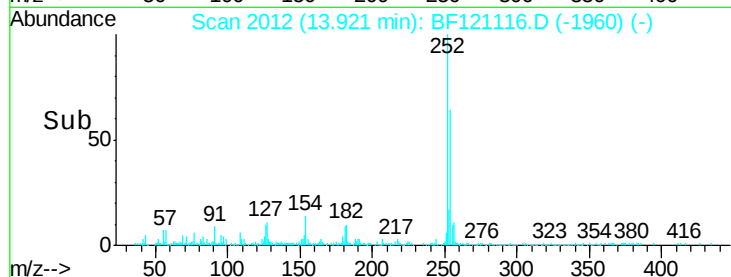
126 12.7 9.2 13.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83

Chrysene

Concen: 15.175 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.01 min

Lab File: BF121116.D

Acq: 29 Jul 2020 22:33

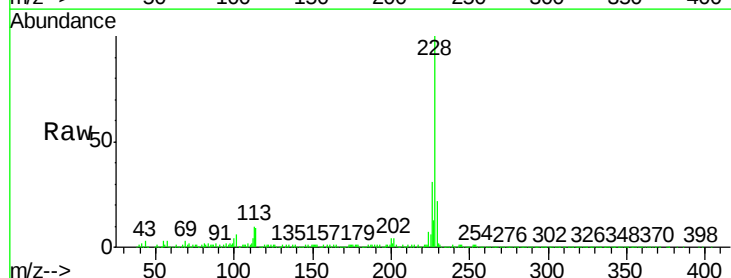
Tgt Ion:228 Resp: 444179

Ion Ratio Lower Upper

228 100

226 30.6 25.4 38.0

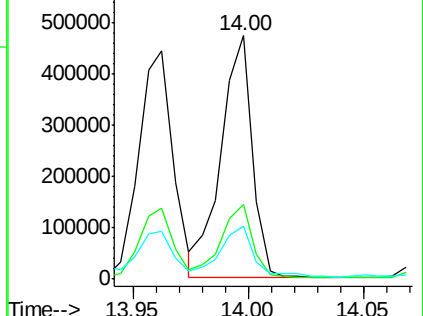
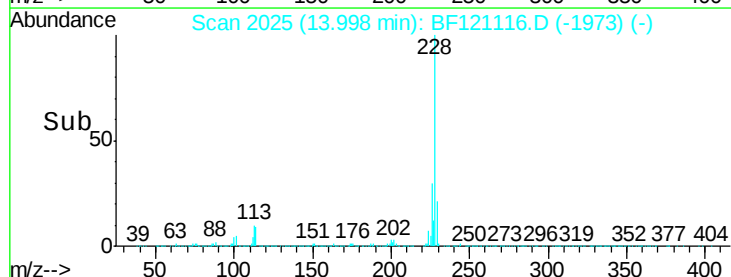
229 21.6 16.2 24.4

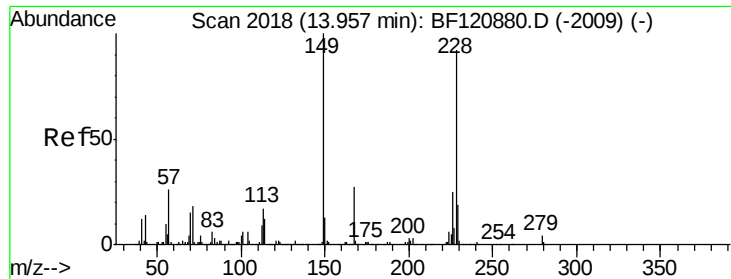


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 5.884 ng

RT: 13.94 min Scan# 2016

Delta R.T. 0.01 min

Lab File: BF121116.D

Acq: 29 Jul 2020 22:33

Instrument :

BNA_F

ClientSampleId :

20MSD

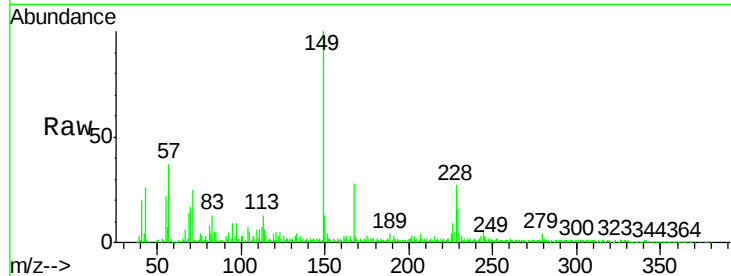
Tot Ion:149 Resp: 105186

Ion Ratio Lower Upper

149 100

167 27.8 21.8 32.6

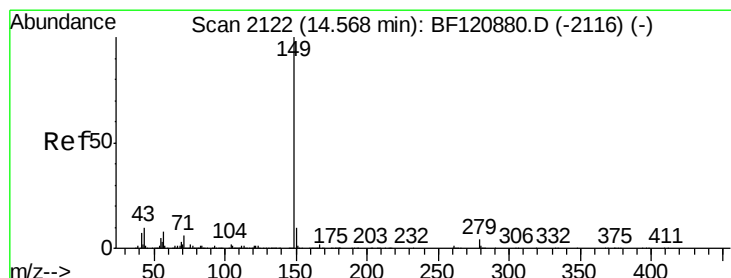
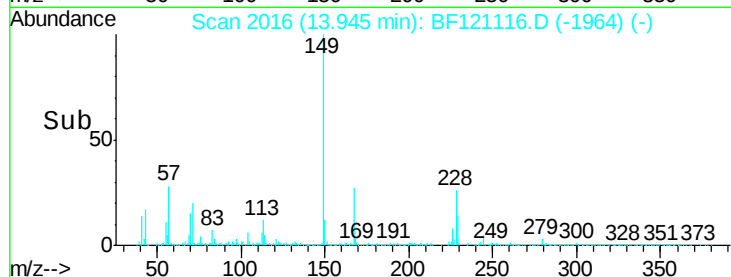
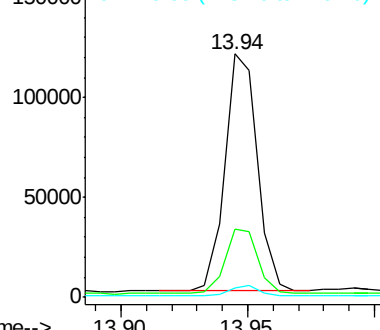
279 3.6 2.9 4.3



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: 4.745 ng

RT: 14.56 min Scan# 2120

Delta R.T. 0.01 min

Lab File: BF121116.D

Acq: 29 Jul 2020 22:33

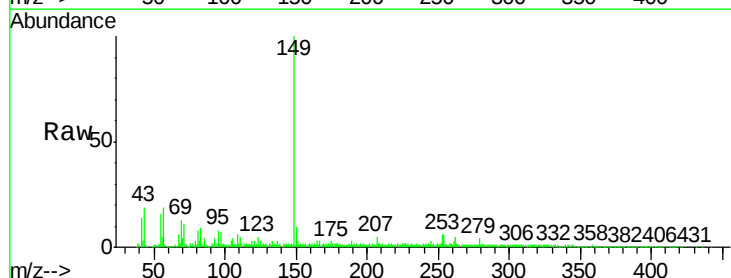
Tgt Ion:149 Resp: 168767

Ion Ratio Lower Upper

149 100

167 2.7 1.3 1.9#

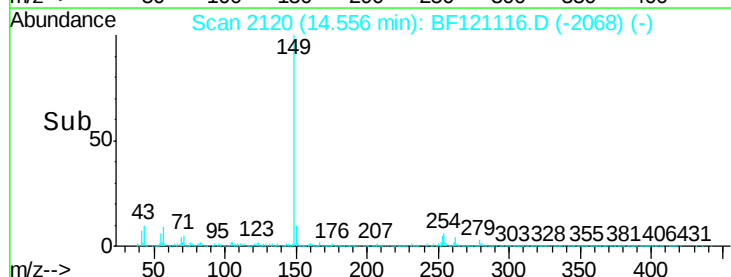
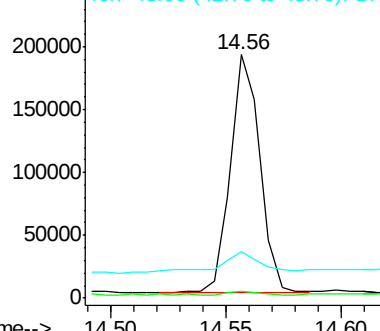
43 12.4 7.5 11.3#

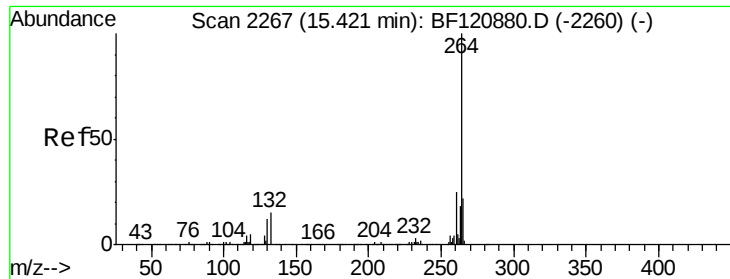


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

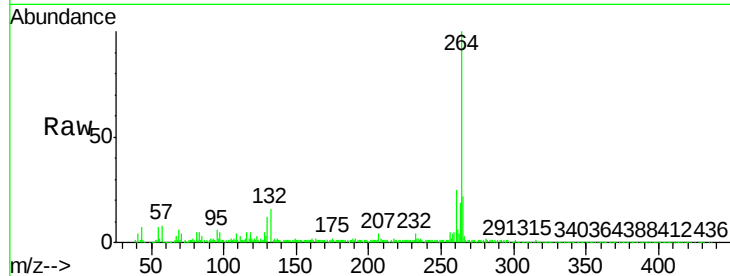




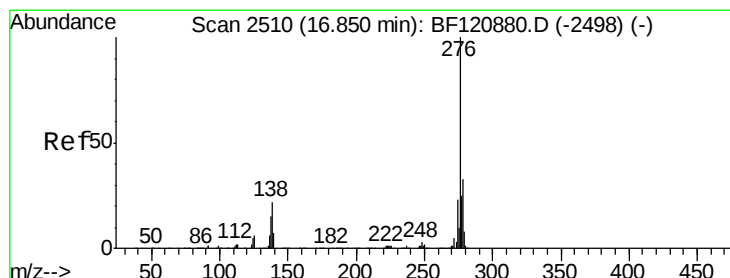
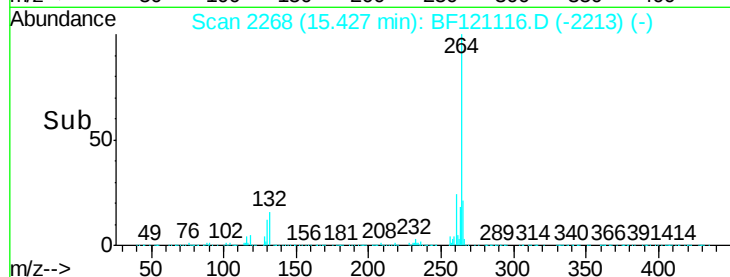
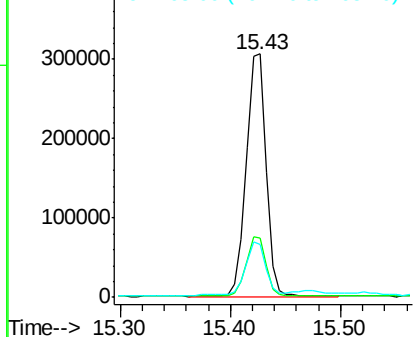
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.02 min
Lab File: BF121116.D
Acq: 29 Jul 2020 22:33

Instrument :
BNA_F
ClientSampleId :
20MSD

Tot Ion:264 Resp: 389552
Ion Ratio Lower Upper
264 100
260 24.6 19.9 29.9
265 21.8 17.8 26.8

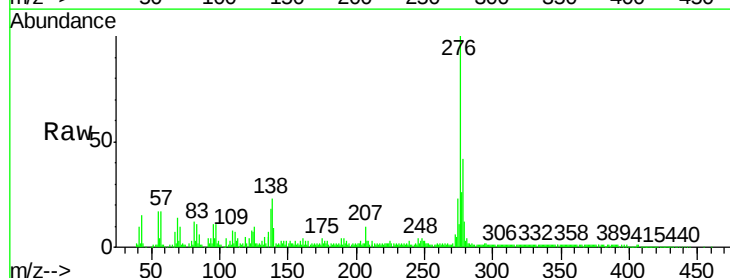


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

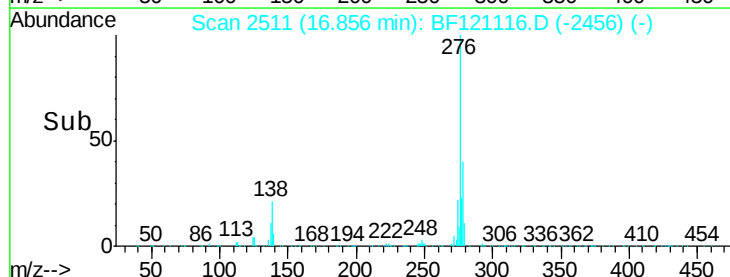
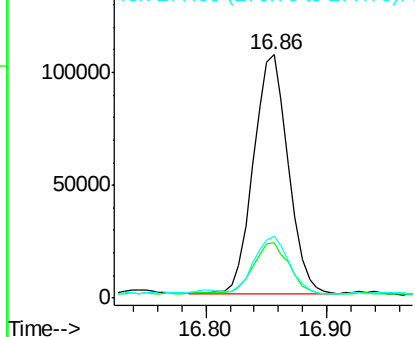


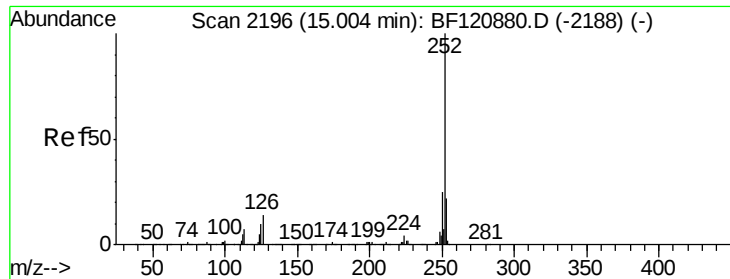
#87
Indeno(1,2,3-cd)pyrene
Concen: 7.800 ng
RT: 16.86 min Scan# 2511
Delta R.T. 0.02 min
Lab File: BF121116.D
Acq: 29 Jul 2020 22:33

Tgt Ion:276 Resp: 211318
Ion Ratio Lower Upper
276 100
138 22.7 19.3 28.9
277 24.5 20.1 30.1



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

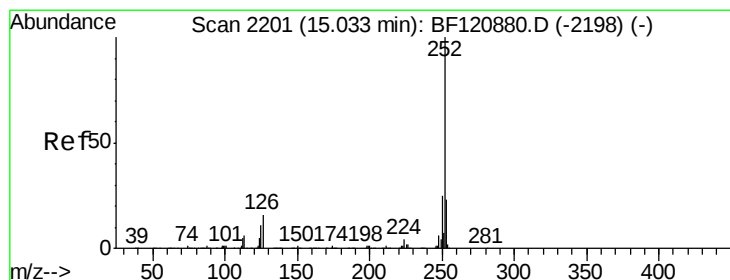
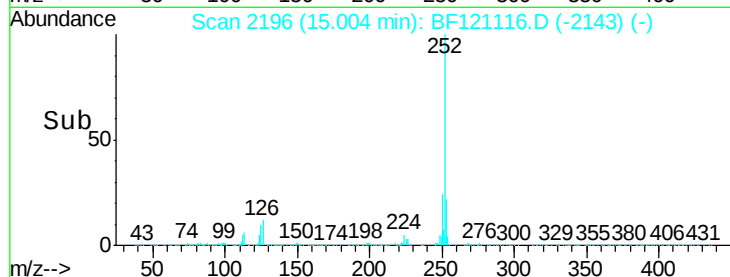
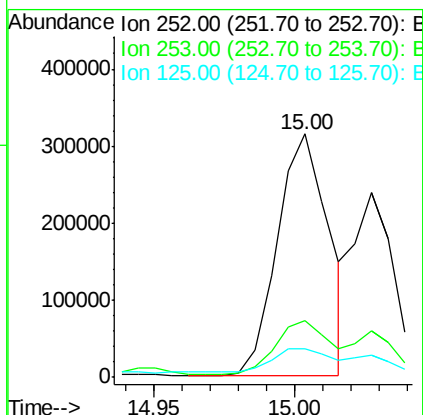
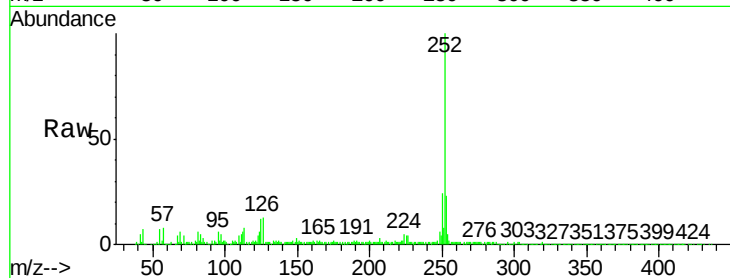




#88
Benzo(b)fluoranthene
Concen: 16.788 ng
RT: 15.00 min Scan# 2196
Delta R.T. 0.01 min
Lab File: BF121116.D
Acq: 29 Jul 2020 22:33

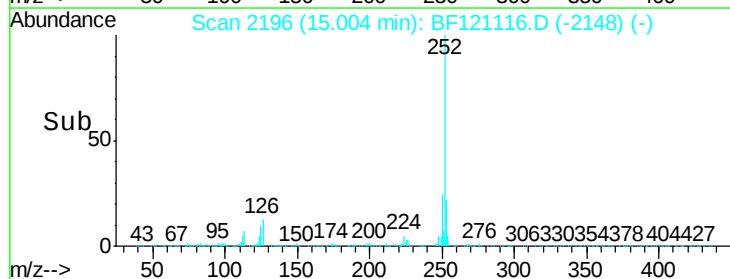
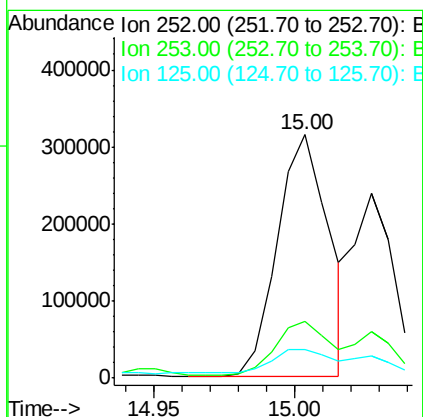
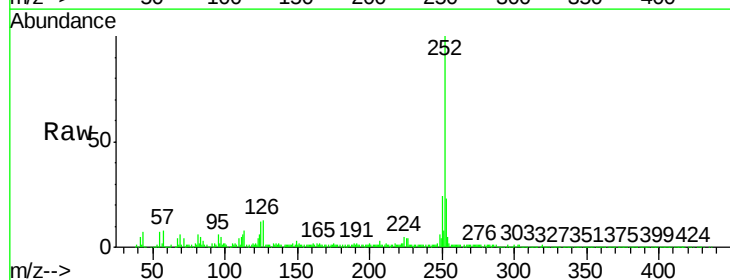
Instrument :
BNA_F
ClientSampleId :
20MSD

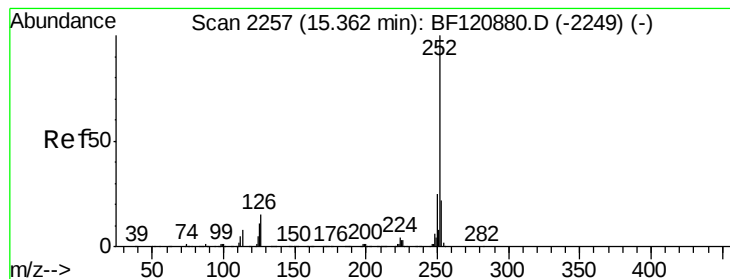
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.9	26.9
125	12.0	8.1	12.1



#89
Benzo(k)fluoranthene
Concen: 18.408 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.02 min
Lab File: BF121116.D
Acq: 29 Jul 2020 22:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.1	27.1
125	12.0	8.0	12.0

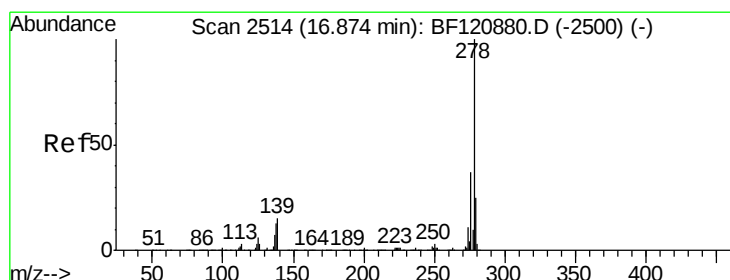
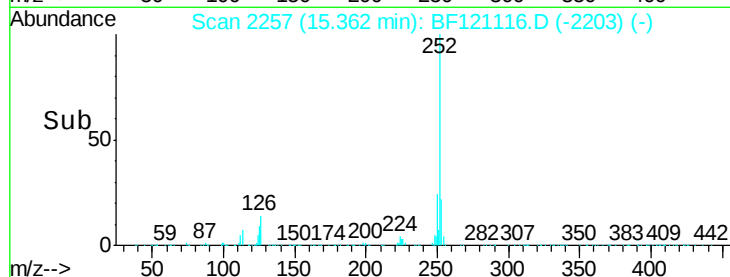
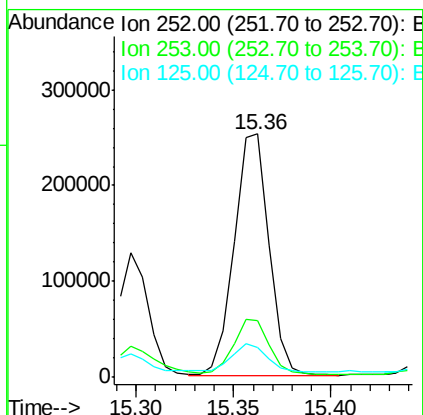
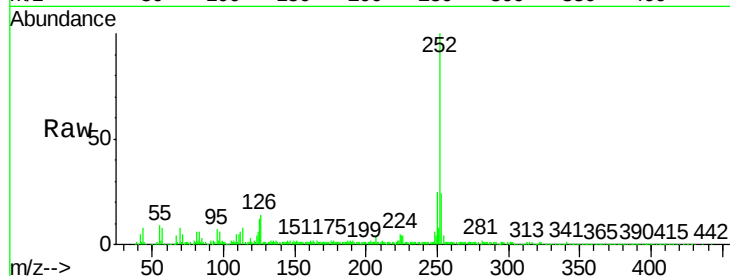




#90
Benzo(a)pyrene
Concen: 14.417 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.02 min
Lab File: BF121116.D
Acq: 29 Jul 2020 22:33

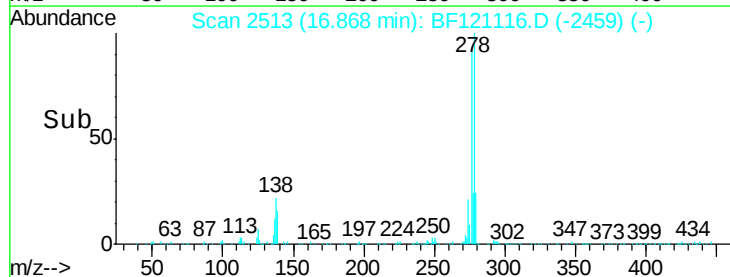
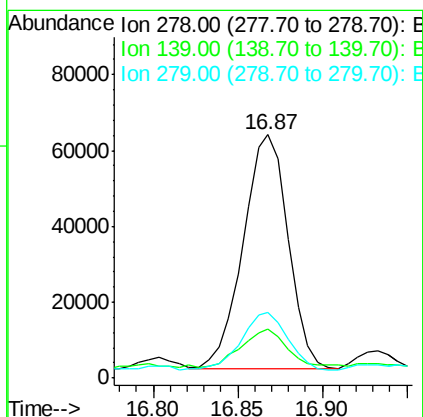
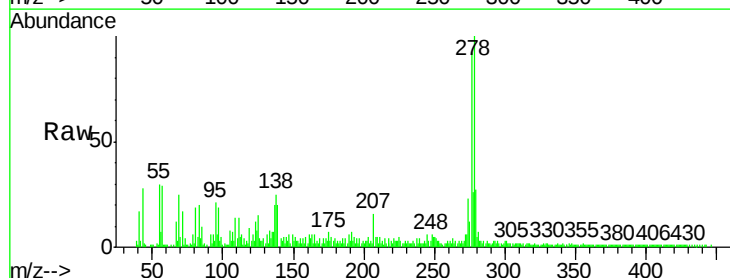
Instrument :
BNA_F
ClientSampleId :
20MSD

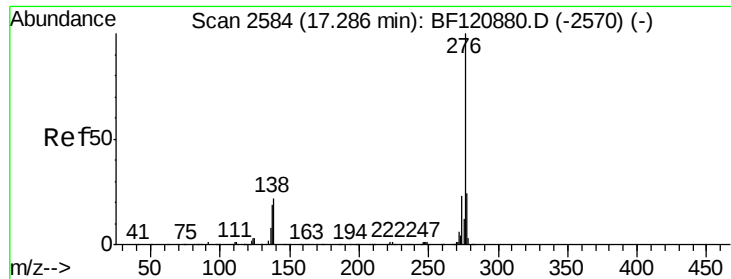
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.0	27.0
125	12.2	9.5	14.3



#91
Dibenzo(a,h)anthracene
Concen: 5.168 ng
RT: 16.87 min Scan# 2513
Delta R.T. 0.02 min
Lab File: BF121116.D
Acq: 29 Jul 2020 22:33

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.4	12.6	18.8#
279	26.8	19.5	29.3

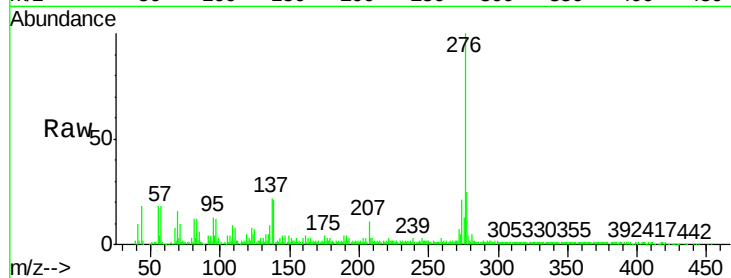




#92
 Benzo(a,h,i)perylene
 Concen: 8.644 ng
 RT: 17.29 min Scan# 2584
 Delta R.T. 0.02 min
 Lab File: BF121116.D
 Acq: 29 Jul 2020 22:33

Instrument :
 BNA_F
 ClientSampleId :
 20MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.4	29.0
138	21.3	17.2	25.8



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

