

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071020\
 Data File : BF120840.D
 Acq On : 10 Jul 2020 19:35
 Operator : JU/CG
 Sample : L3257-02MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH1MSD

Quant Time: Jul 11 01:50:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 02 18:51:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	204614	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	766079	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	386359	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	704591	20.00	ng	0.00
76) Chrysene-d12	14.02	240	484352	20.00	ng	0.00
86) Perylene-d12	15.47	264	395148	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	1202497	90.72	ng	0.01
7) Phenol-d6	6.48	99	1561913	92.27	ng	0.00
23) Nitrobenzene-d5	7.42	82	1013163	76.62	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	407422	104.96	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	1768961	69.27	ng	0.00
79) Terphenyl-d14	12.96	244	1889091	76.36	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.68	88	250874	41.433	ng	97
3) Pyridine	3.42	79	691057	41.667	ng	99
4) n-Nitrosodimethylamine	3.38	42	341038	41.104	ng	86
6) Aniline	6.51	93	784515	36.087	ng	97
8) 2-Chlorophenol	6.63	128	650461	46.092	ng	95
9) Benzaldehyde	6.39	77	206604	20.522	ng	99
10) Phenol	6.49	94	788770	45.297	ng	99
11) bis(2-Chloroethyl)ether	6.59	93	609770	43.033	ng	96
12) 1,3-Dichlorobenzene	6.79	146	649225	41.795	ng	98
13) 1,4-Dichlorobenzene	6.86	146	657271	42.246	ng	99
14) 1,2-Dichlorobenzene	7.02	146	612213	41.360	ng	98
15) Benzyl Alcohol	6.99	79	506448	39.820	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	871082	39.412	ng	100
17) 2-Methylphenol	7.10	107	514862	40.782	ng	98
18) Hexachloroethane	7.36	117	249536	42.673	ng	94
19) n-Nitroso-di-n-propylamine	7.27	70	409976	40.225	ng	92
20) 3+4-Methylphenols	7.25	107	571569	36.759	ng	91
22) Acetophenone	7.26	105	770728	40.475	ng	99
24) Nitrobenzene	7.43	77	654948	44.116	ng	92
25) Isophorone	7.67	82	1190206	41.739	ng	98
26) 2-Nitrophenol	7.75	139	314131	50.138	ng	92
27) 2,4-Dimethylphenol	7.79	122	530395	46.595	ng	97
28) bis(2-Chloroethoxy)methane	7.88	93	752304	44.577	ng	99
29) 2,4-Dichlorophenol	7.99	162	507267	44.639	ng	100
30) 1,2,4-Trichlorobenzene	8.07	180	560347	43.902	ng	99
31) Naphthalene	8.16	128	1740423	42.510	ng	100
32) Benzoic acid	7.89	122	213002	28.359	ng	97
33) 4-Chloroaniline	8.20	127	467684	26.920	ng	98
34) Hexachlorobutadiene	8.27	225	316993	41.295	ng	100
35) Caprolactam	8.57	113	100593	30.380	ng	94
36) 4-Chloro-3-methylphenol	8.68	107	525765	44.478	ng	95
37) 2-Methylnaphthalene	8.85	142	1157456	43.490	ng	98
38) 1-Methylnaphthalene	8.95	142	1095846	43.957	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	492661	42.192	ng	99

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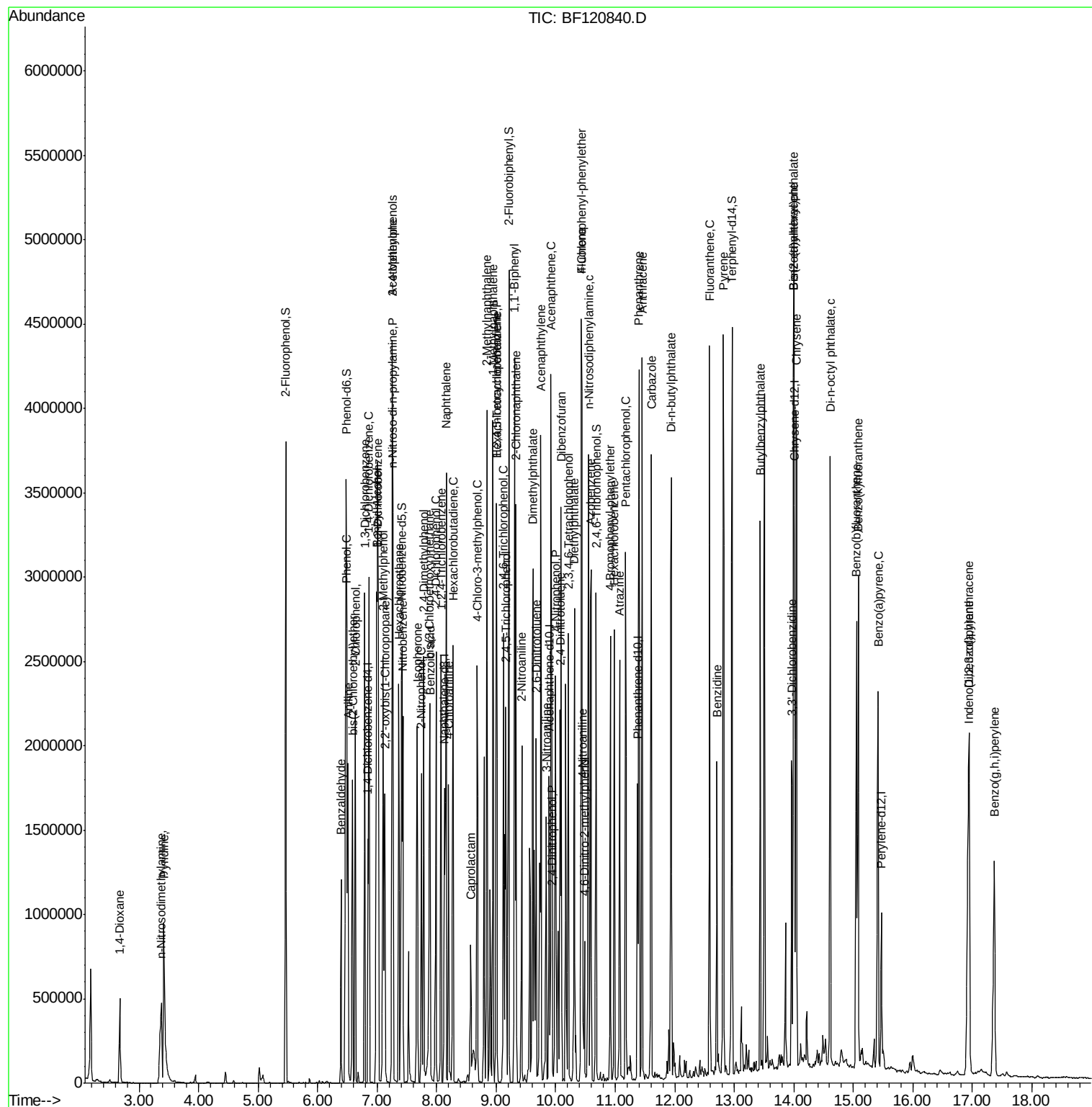
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	436497	63.269	nq	97
43) 2,4,6-Trichlorophenol	9.12	196	363361	45.668	nq	99
44) 2,4,5-Trichlorophenol	9.16	196	370221	41.927	nq	98
46) 1,1'-Biphenyl	9.31	154	1316884	42.255	nq	99
47) 2-Chloronaphthalene	9.33	162	1056499	42.316	nq	99
48) 2-Nitroaniline	9.43	65	341532	45.811	nq	96
49) Acenaphthylene	9.75	152	1658890	42.380	nq	99
50) Dimethylphthalate	9.62	163	1282591	45.508	nq	99
51) 2,6-Dinitrotoluene	9.67	165	273081	48.717	nq #	79
52) Acenaphthene	9.92	154	1029907	42.412	nq	99
53) 3-Nitroaniline	9.84	138	238006	35.246	nq	93
54) 2,4-Dinitrophenol	9.94	184	88365	44.853	nq	95
55) Dibenzofuran	10.09	168	1486799	42.475	nq	98
56) 4-Nitrophenol	10.00	139	430498	83.203	nq	91
57) 2,4-Dinitrotoluene	10.07	165	358096	51.111	nq #	83
58) Fluorene	10.44	166	1036533	39.784	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.21	232	300624	45.750	nq	95
60) Diethylphthalate	10.32	149	1228838	41.855	nq	98
61) 4-Chlorophenyl-phenylether	10.43	204	493992	37.716	nq	99
62) 4-Nitroaniline	10.46	138	284590	47.525	nq	88
63) Azobenzene	10.59	77	1181568	39.342	nq	95
65) 4,6-Dinitro-2-methylphenol	10.48	198	87546	32.241	nq #	76
66) n-Nitrosodiphenylamine	10.55	169	1006547	42.621	nq	98
67) 4-Bromophenyl-phenylether	10.92	248	343805	42.065	nq	97
68) Hexachlorobenzene	10.99	284	382144	44.556	nq #	86
69) Atrazine	11.07	200	281492	46.267	nq	99
70) Pentachlorophenol	11.17	266	366728	75.576	nq	99
71) Phenanthrene	11.40	178	1735035	45.384	nq	99
72) Anthracene	11.45	178	1644889	42.579	nq	99
73) Carbazole	11.60	167	1523982	41.051	nq	99
74) Di-n-butylphthalate	11.94	149	1869108	40.666	nq	99
75) Fluoranthene	12.59	202	2034251	49.950	nq	99
77) Benzidine	12.70	184	660057	48.281	nq	100
78) Pyrene	12.82	202	2022992	52.297	nq	100
80) Butylbenzylphthalate	13.44	149	807725	48.364	nq	93
81) Benzo(a)anthracene	14.00	228	1399646	45.080	nq	99
82) 3,3'-Dichlorobenzidine	13.97	252	387206	36.956	nq	99
83) Chrysene	14.04	228	1505054	47.524	nq	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	895875	40.907	nq #	98
85) Di-n-octyl phthalate	14.61	149	1852800	47.821	nq	97
87) Indeno(1,2,3-cd)pyrene	16.93	276	1322177	52.167	nq	100
88) Benzo(b)fluoranthene	15.05	252	1409208	54.246	nq	99
89) Benzo(k)fluoranthene	15.08	252	1223476	48.401	nq	99
90) Benzo(a)pyrene	15.42	252	1159530	50.036	nq	99
91) Dibenzo(a,h)anthracene	16.94	278	1075352	50.905	nq	100
92) Benzo(g,h,i)perylene	17.37	276	1103839	57.175	nq	99

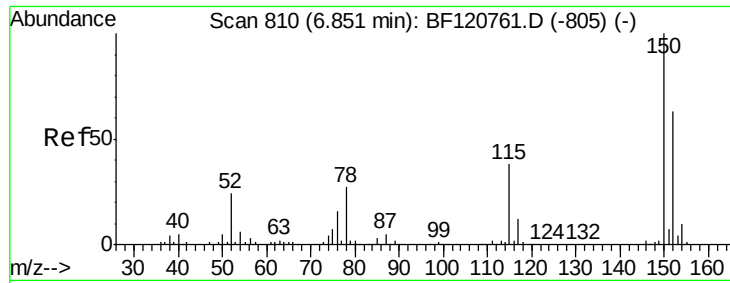
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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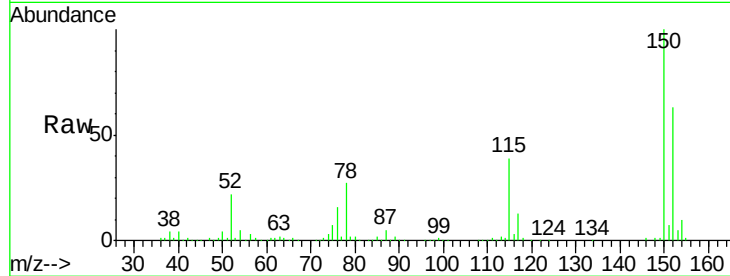


#1

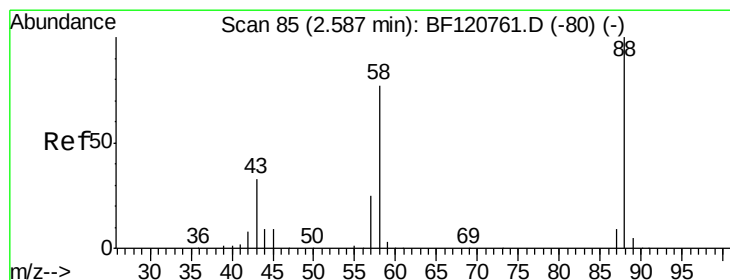
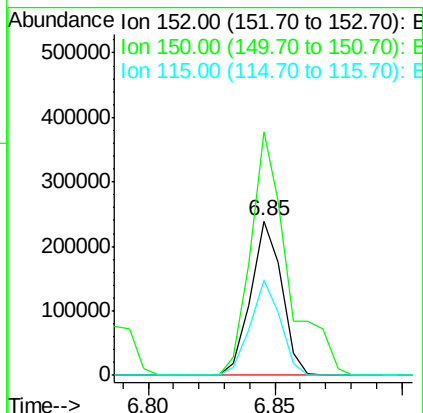
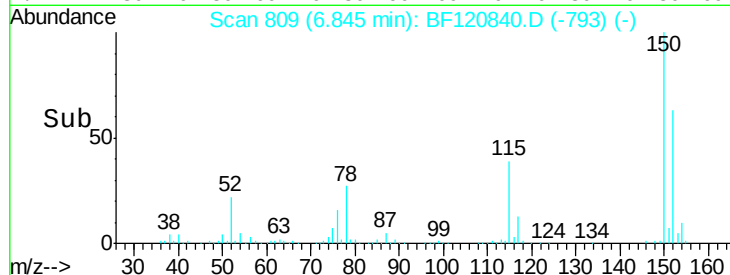
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF120840.D
Acq: 10 Jul 2020 19:35

Instrument :
BNA_F
ClientSampleId :
MH1MSD

Tot Ion:152 Resp: 204614
Ion Ratio Lower Upper
152 100
150 157.7 126.1 189.1
115 61.5 48.5 72.7



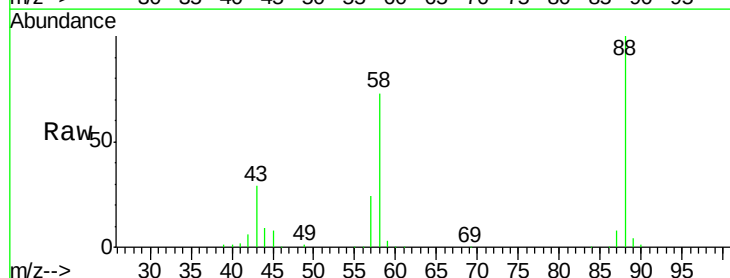
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



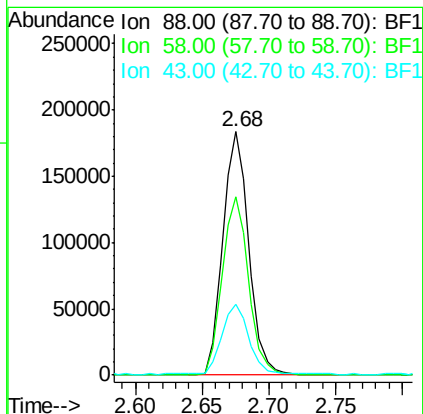
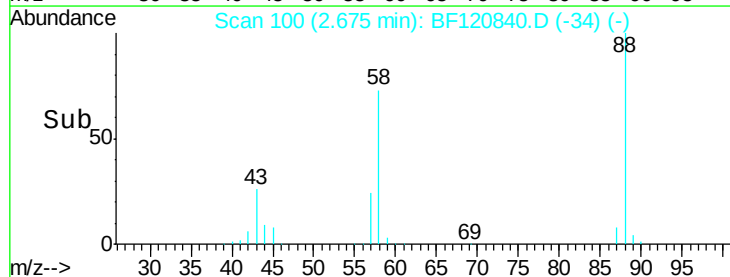
#2

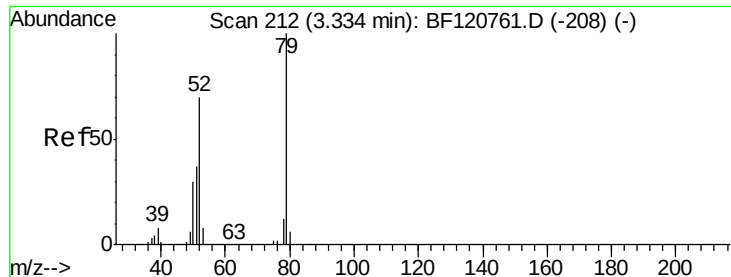
1,4-Dioxane
Concen: 41.433 ng
RT: 2.68 min Scan# 100
Delta R.T. 0.09 min
Lab File: BF120840.D
Acq: 10 Jul 2020 19:35

Tgt Ion: 88 Resp: 250874
Ion Ratio Lower Upper
88 100
58 74.6 60.4 90.6
43 29.6 26.3 39.5



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: 41.667 ng

RT: 3.42 min Scan# 226

Delta R.T. 0.08 min

Lab File: BF120840.D

Acq: 10 Jul 2020 19:35

Instrument :

BNA_F

ClientSampleId :

MH1MSD

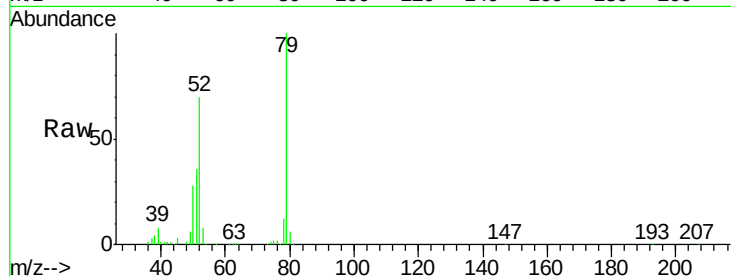
Tot Ion: 79 Resp: 691057

Ion Ratio Lower Upper

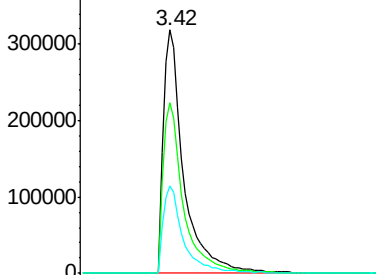
79 100

52 70.2 56.3 84.5

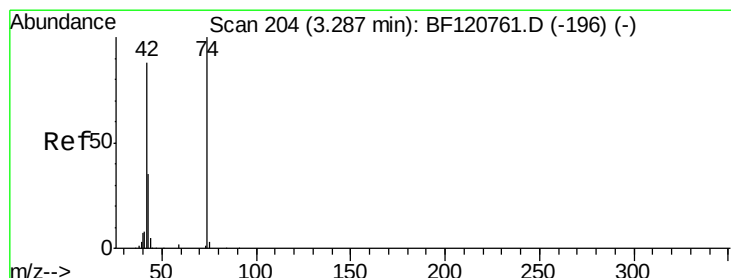
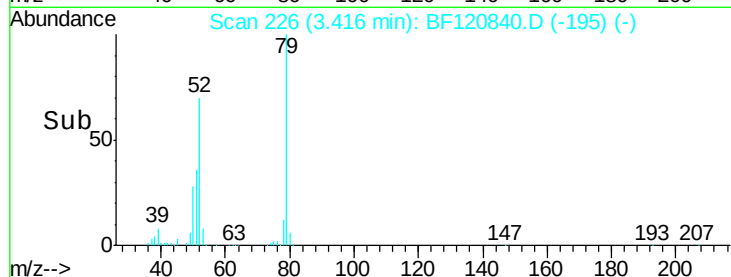
51 36.0 30.1 45.1



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



Time-->



#4

n-Nitrosodimethylamine

Concen: 41.104 ng

RT: 3.38 min Scan# 219

Delta R.T. 0.09 min

Lab File: BF120840.D

Acq: 10 Jul 2020 19:35

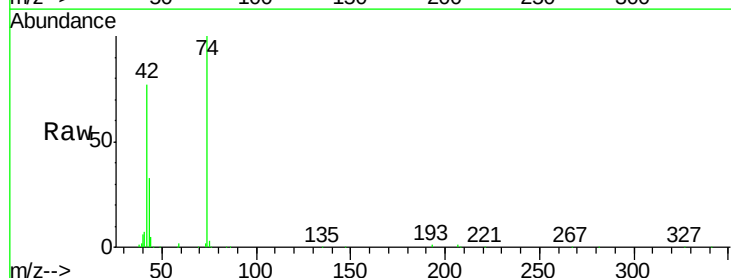
Tgt Ion: 42 Resp: 341038

Ion Ratio Lower Upper

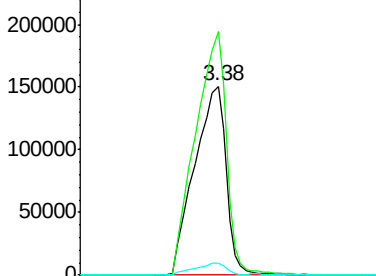
42 100

74 129.1 90.8 136.2

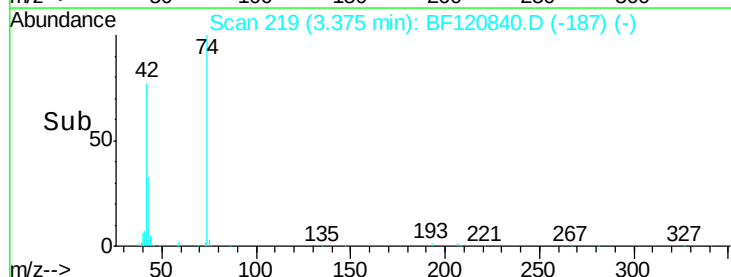
44 6.5 5.8 8.8

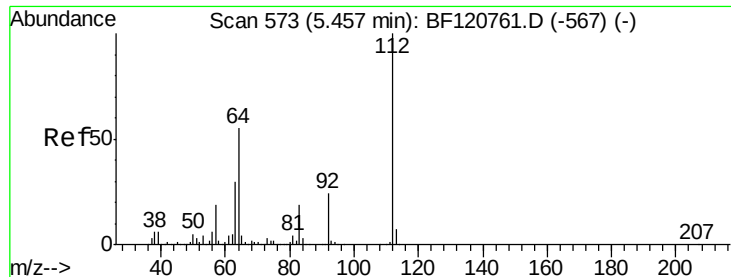


Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1



Time-->





#5

2-Fluorophenol

Concen: 90.719 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.01 min

Lab File: BF120840.D

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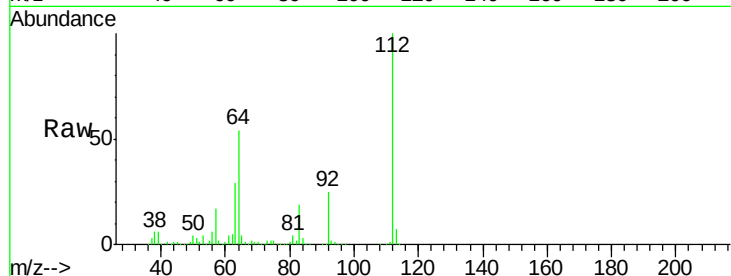
Tot Ion:112 Resp: 1202497

Ion Ratio Lower Upper

112 100

64 54.4 43.8 65.6

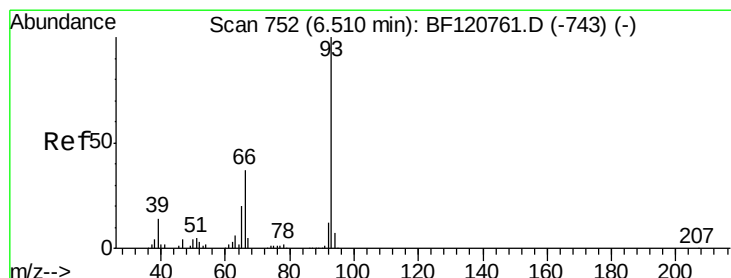
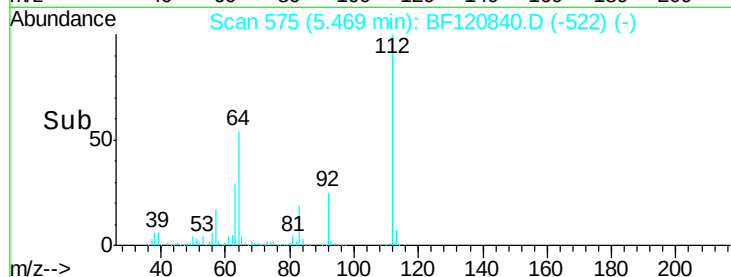
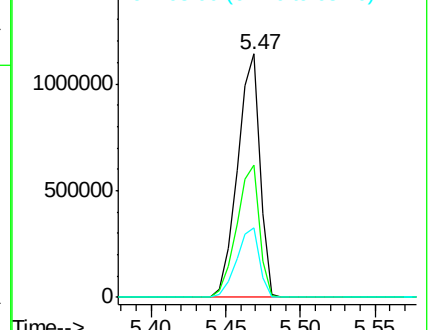
63 28.7 23.6 35.4



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: 36.087 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF120840.D

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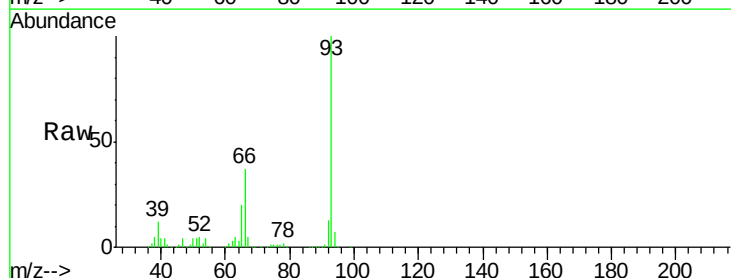
Tgt Ion: 93 Resp: 784515

Ion Ratio Lower Upper

93 100

66 37.4 31.3 46.9

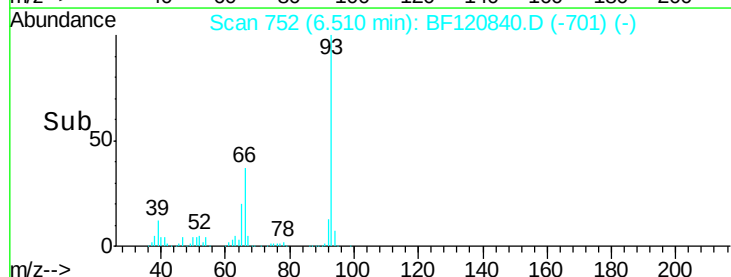
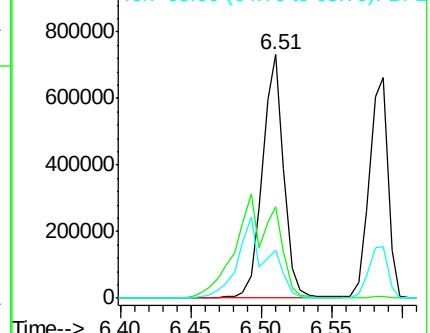
65 19.6 16.5 24.7

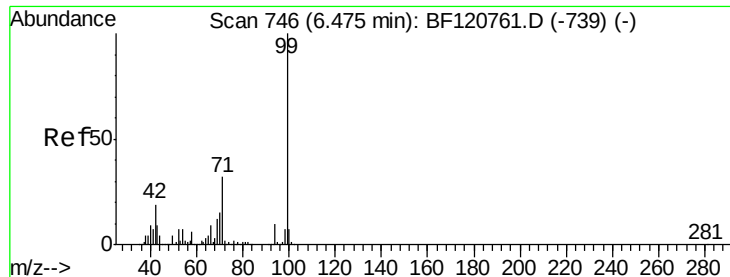


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 92.271 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

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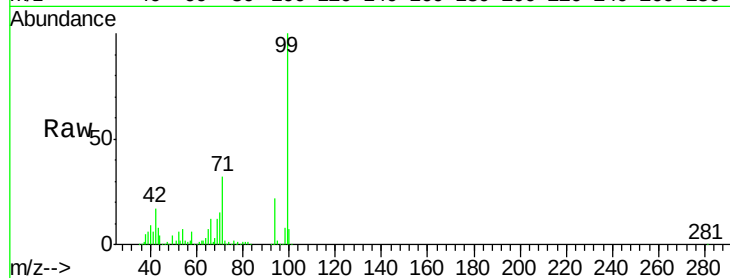
Tot Ion: 99 Resp: 1561913

Ion Ratio Lower Upper

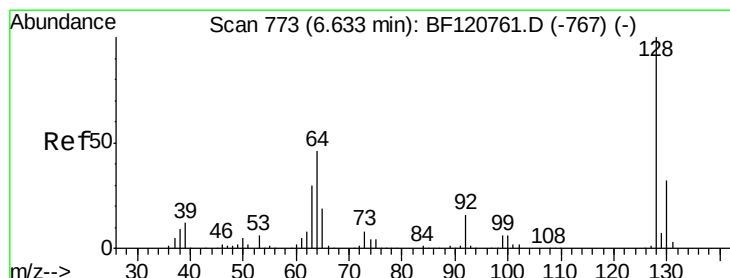
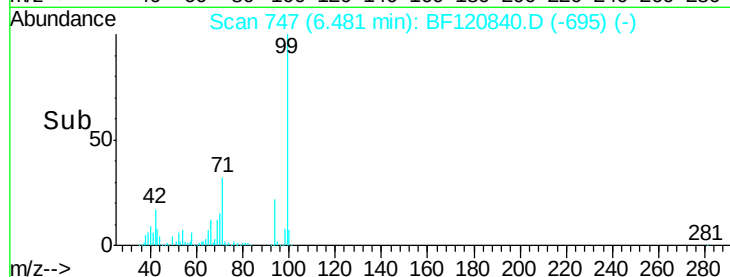
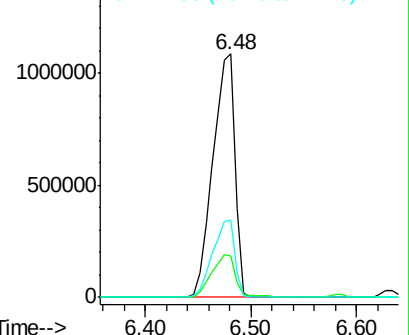
99 100

42 17.1 15.4 23.0

71 31.8 25.9 38.9



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 46.092 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.00 min

Lab File: BF120840.D

Acq: 10 Jul 2020 19:35

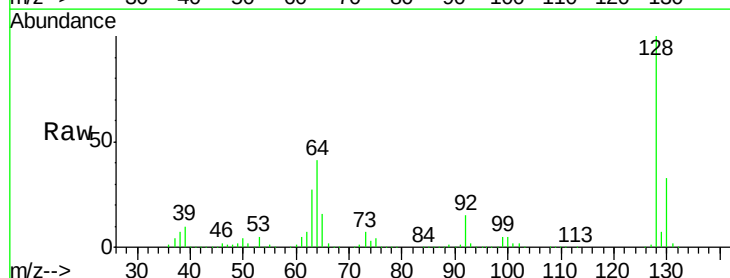
Tgt Ion: 128 Resp: 650461

Ion Ratio Lower Upper

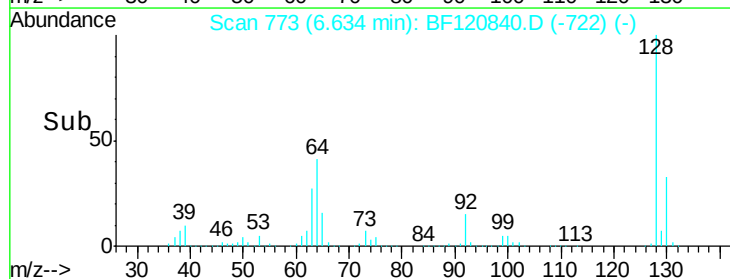
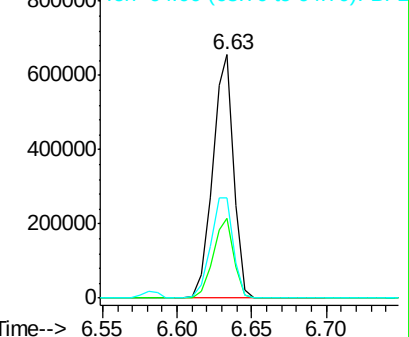
128 100

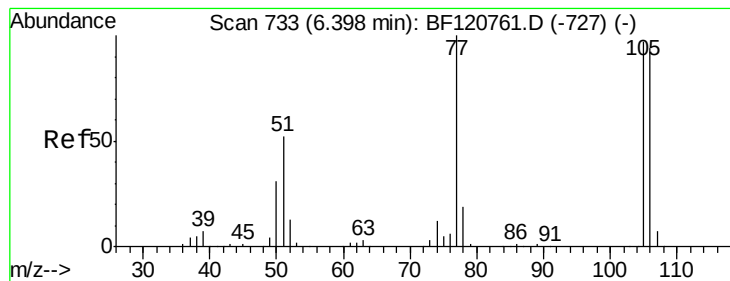
130 33.0 12.1 52.1

64 41.1 26.3 66.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 20.522 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

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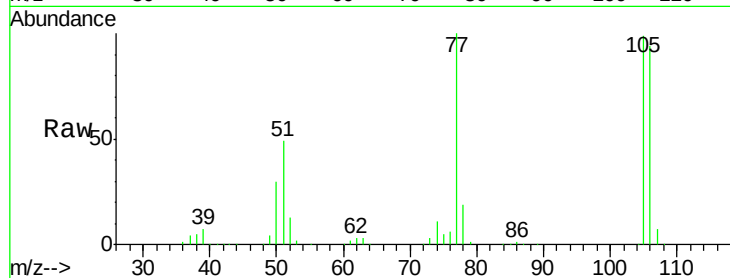
Tot Ion: 77 Resp: 206604

Ion Ratio Lower Upper

77 100

105 98.8 76.8 116.8

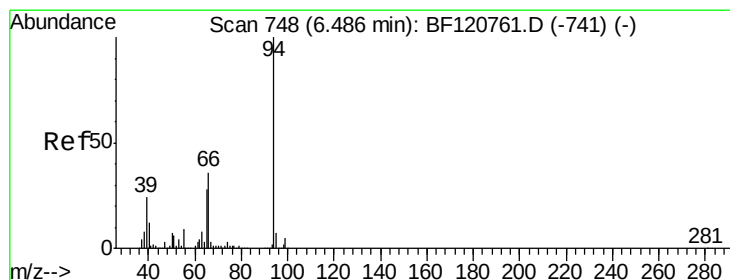
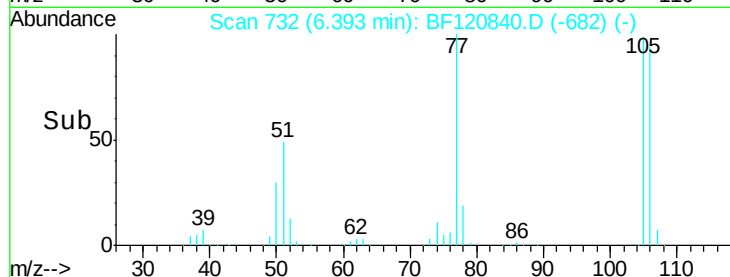
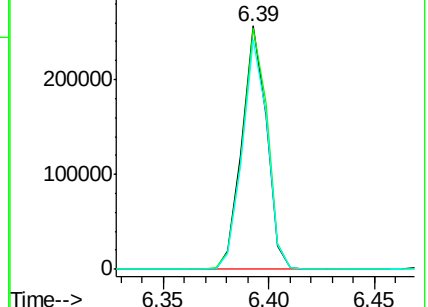
106 94.1 73.8 113.8



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: 45.297 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF120840.D

Acq: 10 Jul 2020 19:35

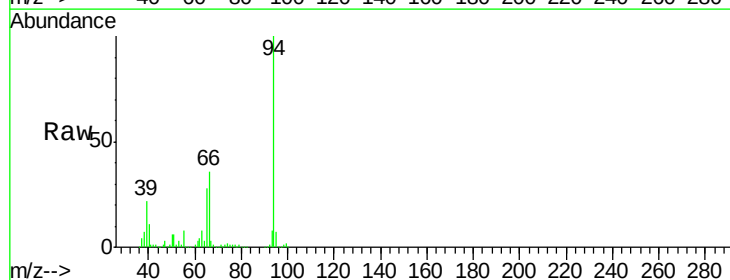
Tgt Ion: 94 Resp: 788770

Ion Ratio Lower Upper

94 100

65 28.0 8.4 48.4

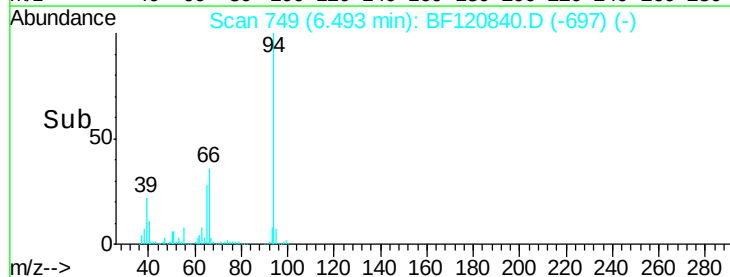
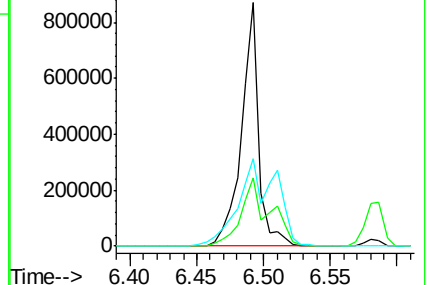
66 36.1 16.5 56.5

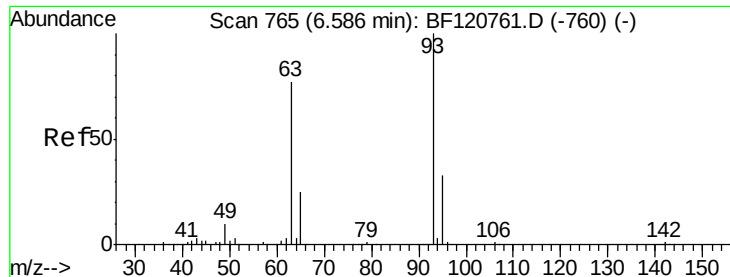


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 43.033 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF120840.D

Acq: 10 Jul 2020 19:35

Instrument :

BNA_F

ClientSampleId :

MH1MSD

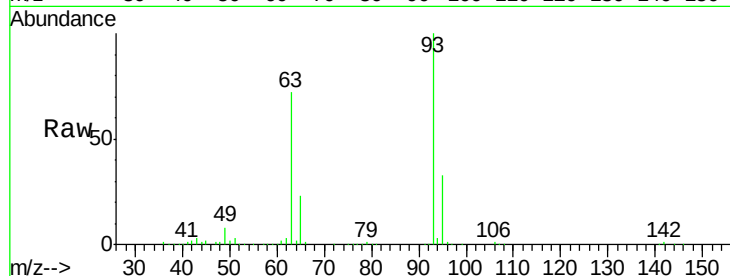
Tot Ion: 93 Resp: 609770

Ion Ratio Lower Upper

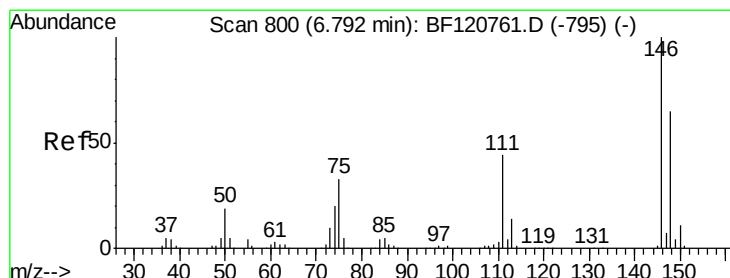
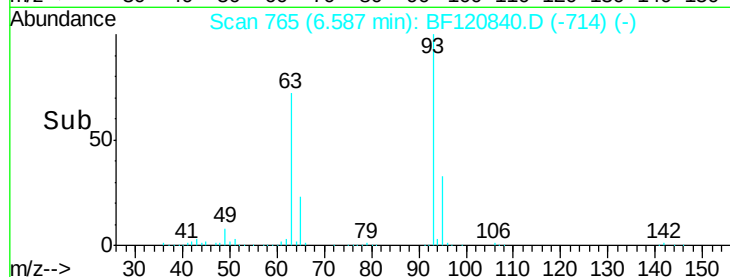
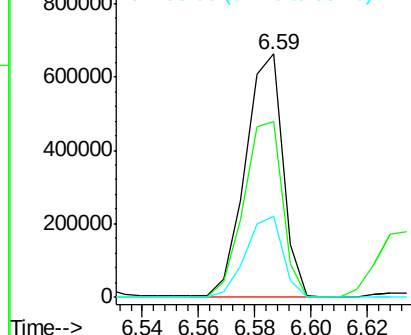
93 100

63 72.3 56.9 96.9

95 33.3 13.3 53.3



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 41.795 ng

RT: 6.79 min Scan# 799

Delta R.T. -0.01 min

Lab File: BF120840.D

Acq: 10 Jul 2020 19:35

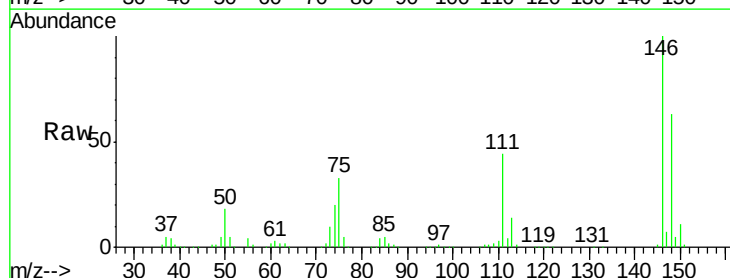
Tgt Ion: 146 Resp: 649225

Ion Ratio Lower Upper

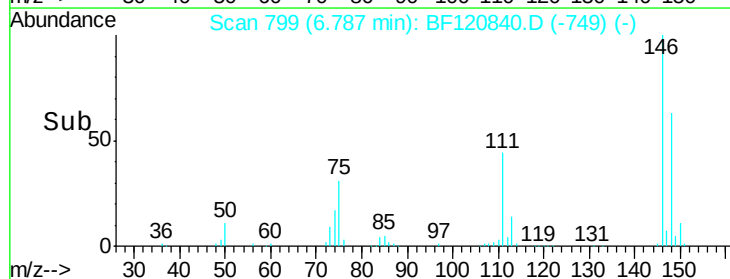
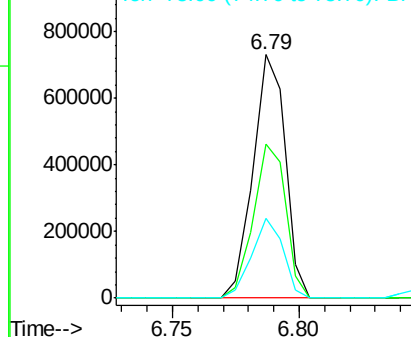
146 100

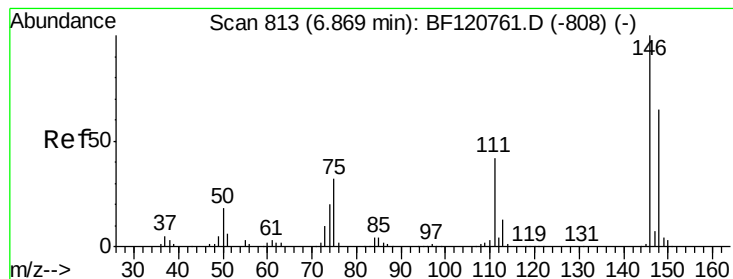
148 63.3 52.1 78.1

75 32.7 26.0 39.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 42.246 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF120840.D

Acq: 10 Jul 2020 19:35

Instrument :

BNA_F

ClientSampleId :

MH1MSD

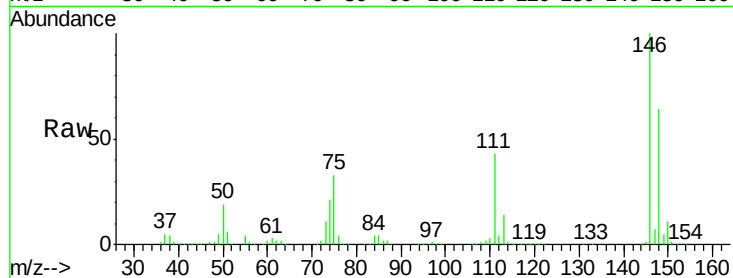
Tot Ion:146 Resp: 657271

Ion Ratio Lower Upper

146 100

148 63.8 51.8 77.6

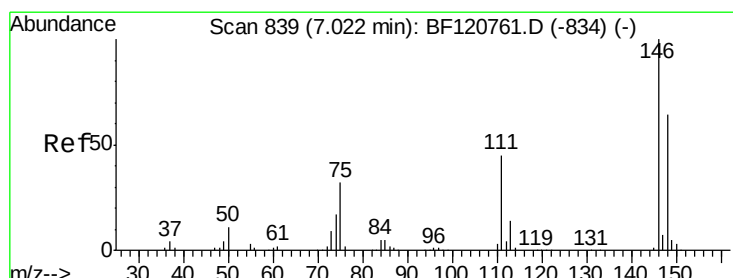
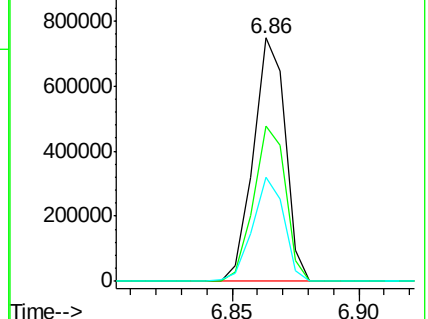
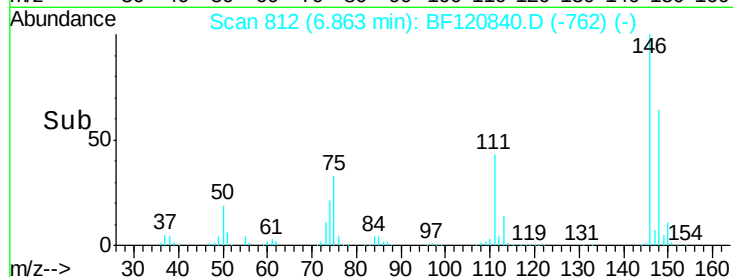
111 42.9 33.7 50.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.360 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF120840.D

Acq: 10 Jul 2020 19:35

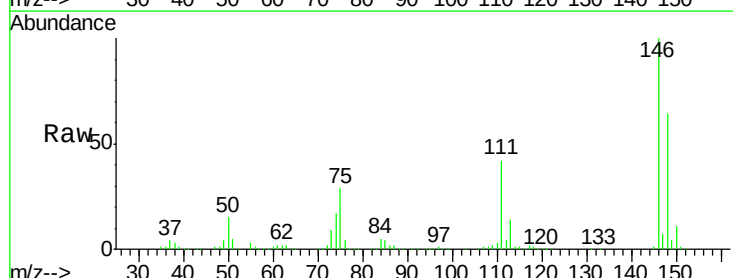
Tgt Ion:146 Resp: 612213

Ion Ratio Lower Upper

146 100

148 64.2 51.0 76.4

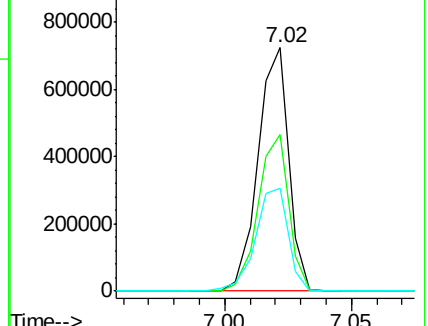
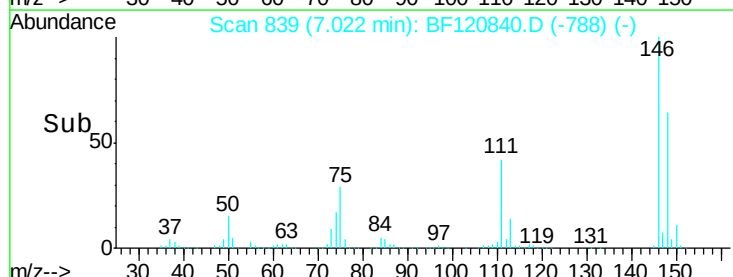
111 42.3 35.7 53.5

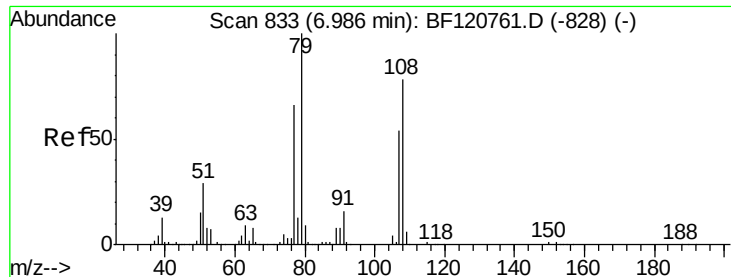


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.820 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF120840.D

Acq: 10 Jul 2020 19:35

Instrument :

BNA_F

ClientSampleId :

MH1MSD

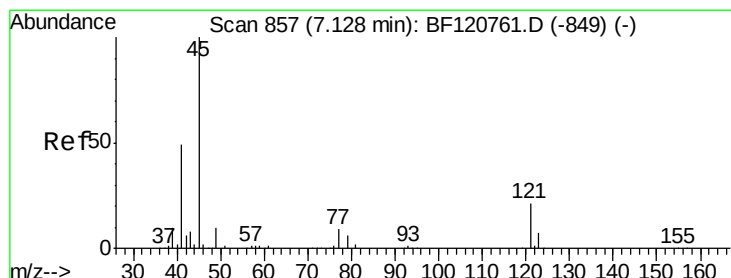
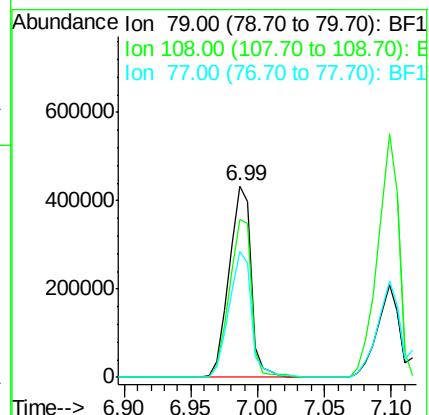
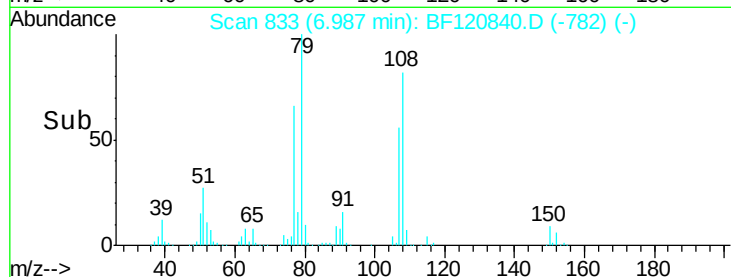
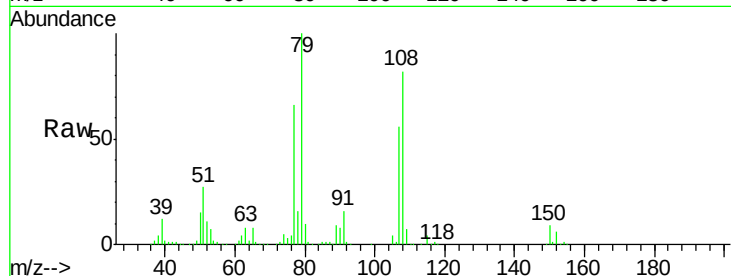
Tot Ion: 79 Resp: 506448

Ion Ratio Lower Upper

79 100

108 82.2 62.4 93.6

77 65.6 52.7 79.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.412 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF120840.D

Acq: 10 Jul 2020 19:35

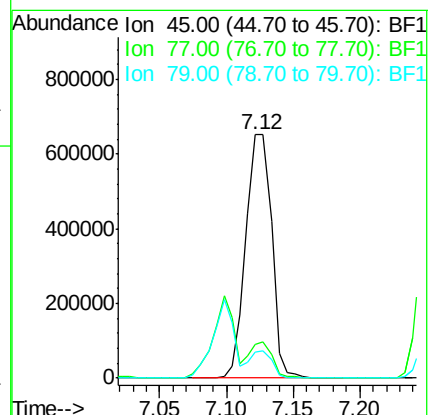
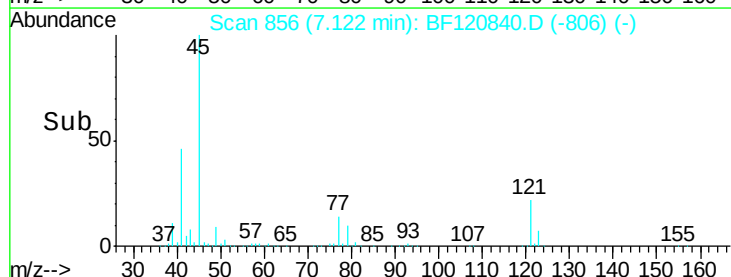
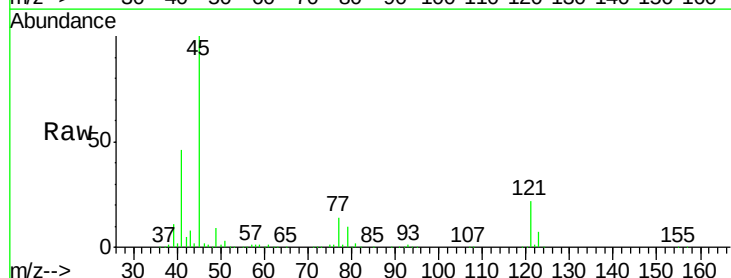
Tgt Ion: 45 Resp: 871082

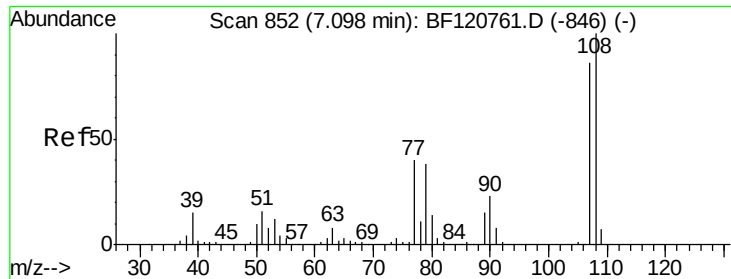
Ion Ratio Lower Upper

45 100

77 14.0 0.0 33.7

79 10.5 0.0 30.5

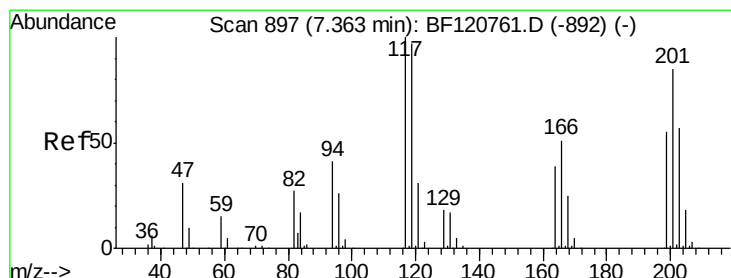
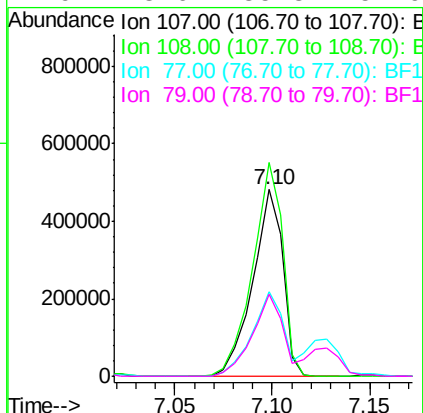
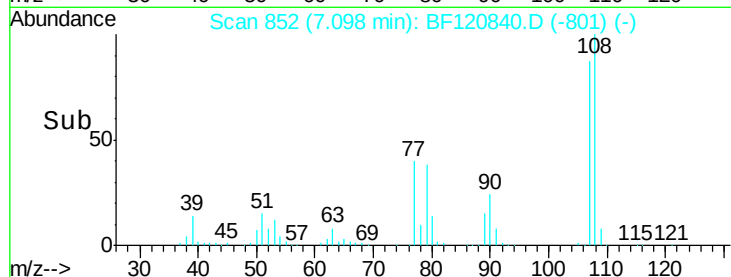
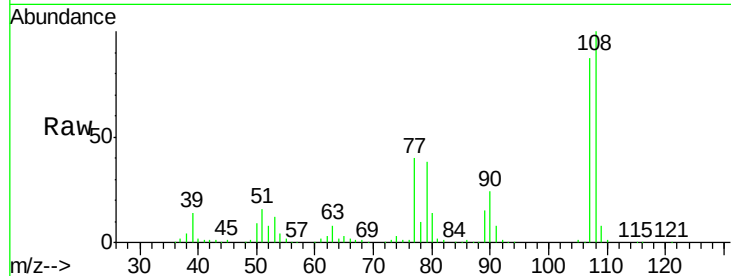




#17
2-Methylphenol
Concen: 40.782 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF120840.D
Acq: 10 Jul 2020 19:35

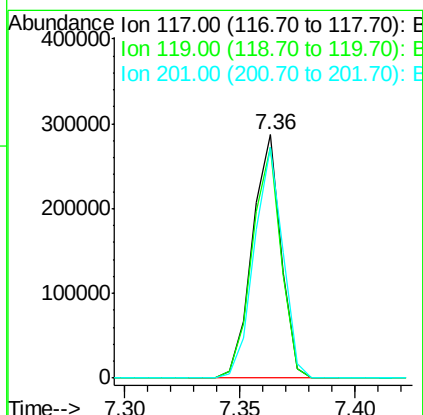
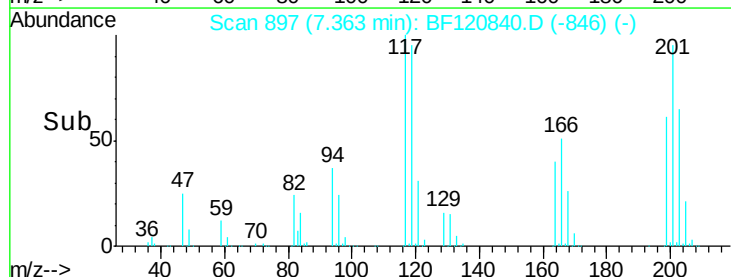
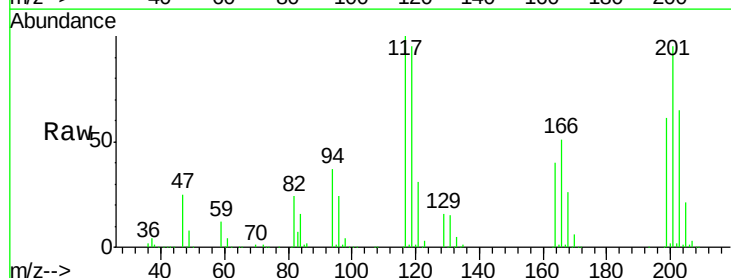
Instrument :
BNA_F
ClientSampleId :
MH1MSD

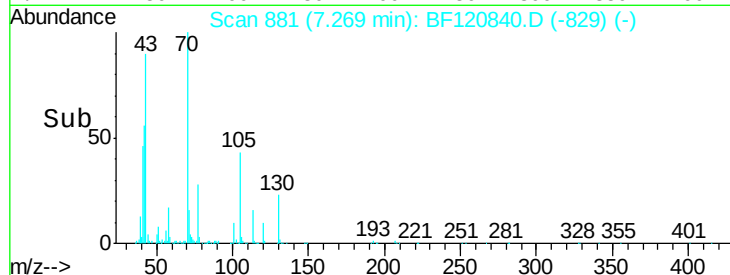
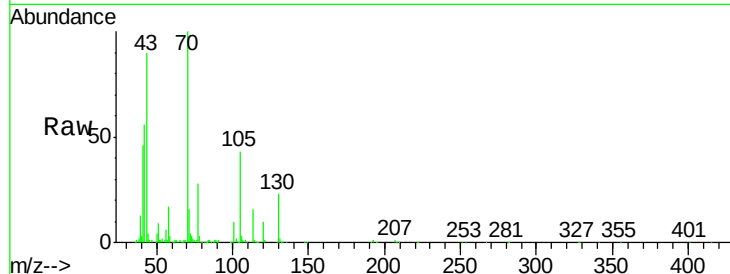
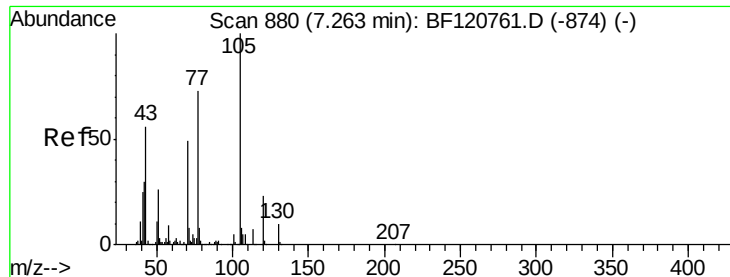
Tot Ion	Ratio	Lower	Upper
107	100		
108	114.5	93.1	139.7
77	45.5	37.3	55.9
79	43.6	35.3	52.9



#18
Hexachloroethane
Concen: 42.673 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF120840.D
Acq: 10 Jul 2020 19:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.9	77.9	116.9
201	95.0	68.3	102.5

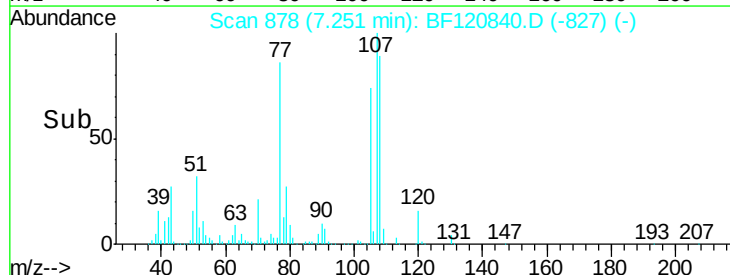
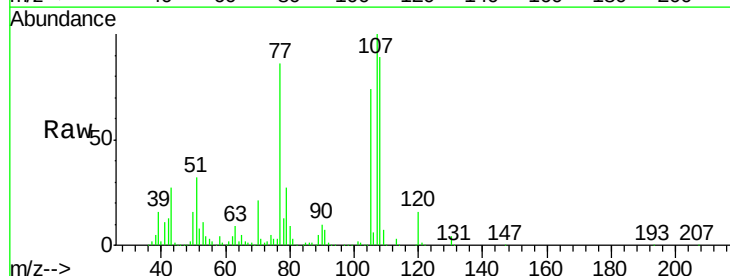
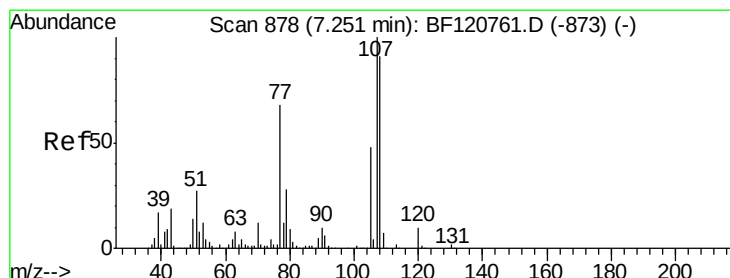
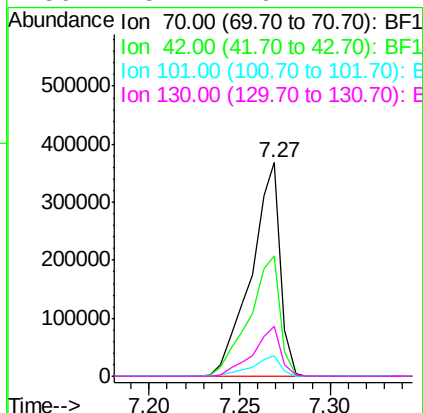




#19
n-Nitroso-di-n-propylamine
Concen: 40.225 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF120840.D
Acq: 10 Jul 2020 19:35

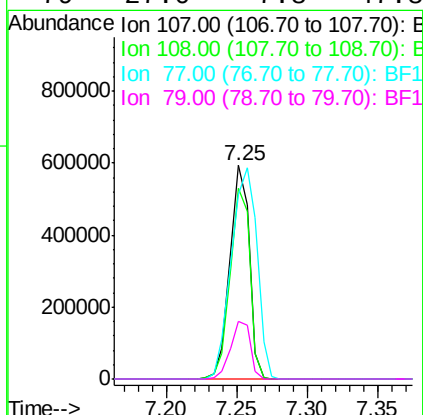
Instrument :
BNA_F
ClientSampleId :
MH1MSD

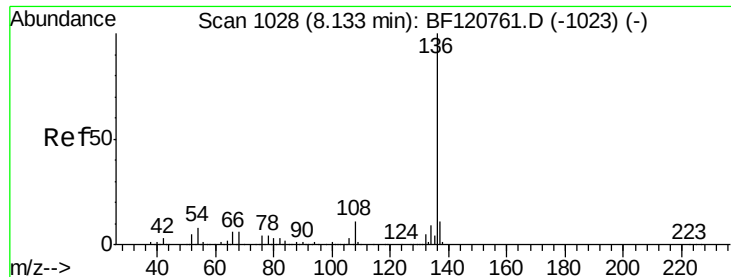
Tot Ion:	70	Resp:	409976
Ion	Ratio	Lower	Upper
70	100		
42	56.1	50.3	75.5
101	9.8	7.5	11.3
130	23.1	16.1	24.1



#20
3+4-Methylphenols
Concen: 36.759 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.00 min
Lab File: BF120840.D
Acq: 10 Jul 2020 19:35

Tgt Ion:	107	Resp:	571569
Ion	Ratio	Lower	Upper
107	100		
108	89.3	70.9	110.9
77	86.2	48.3	88.3
79	27.0	7.8	47.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF120840.D

Acq: 10 Jul 2020 19:35

Instrument :

BNA_F

ClientSampleId :

MH1MSD

Tot Ion:136 Resp: 766079

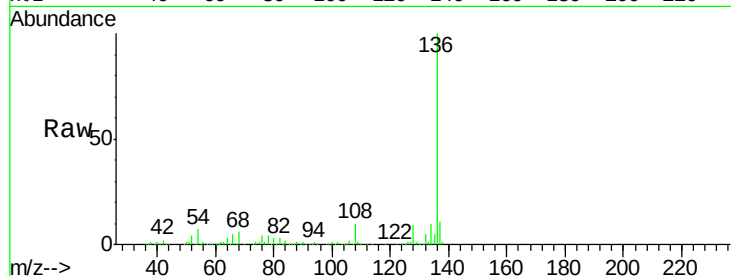
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.6

54 7.2 6.2 9.4

68 5.6 4.7 7.1

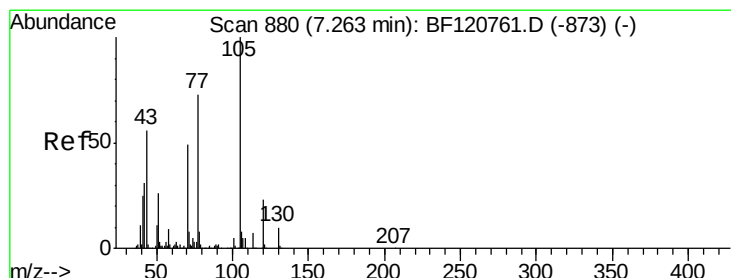
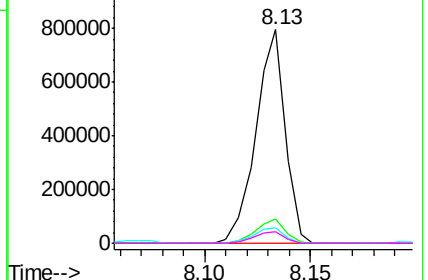
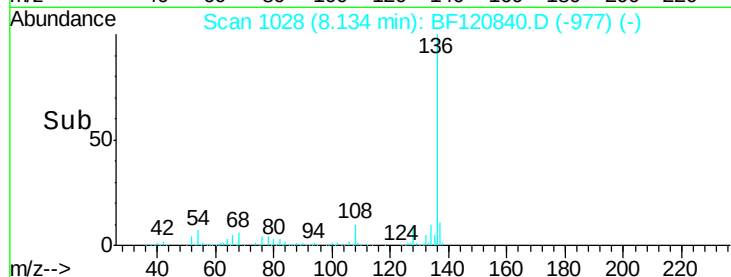


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.475 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF120840.D

Acq: 10 Jul 2020 19:35

Tgt Ion:105 Resp: 770728

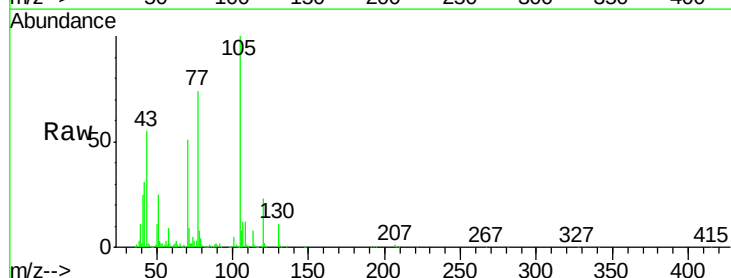
Ion Ratio Lower Upper

105 100

71 8.9 6.5 9.7

51 25.2 21.0 31.4

120 22.9 18.6 28.0

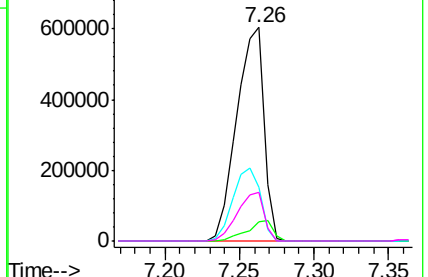
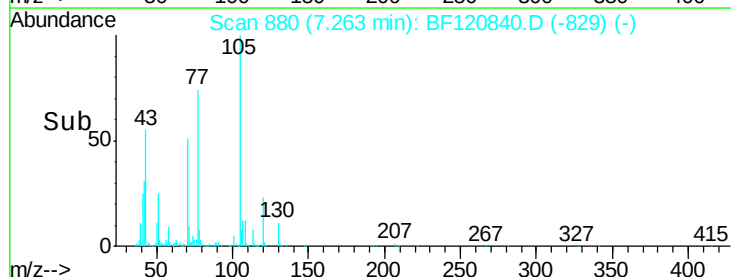


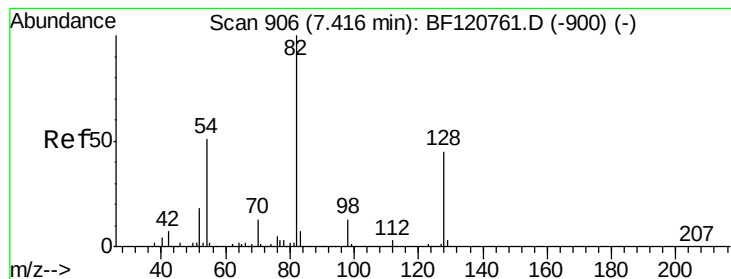
Abundance Ion 105.00 (104.70 to 105.70): E

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: 76.624 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.00 min

Lab File: BF120840.D

Acq: 10 Jul 2020 19:35

Instrument :

BNA_F

ClientSampleId :

MH1MSD

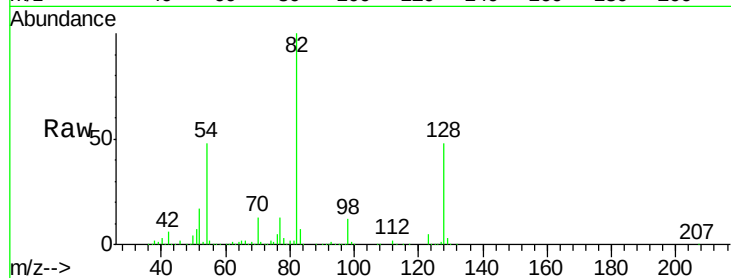
Tot Ion: 82 Resp: 1013163

Ion Ratio Lower Upper

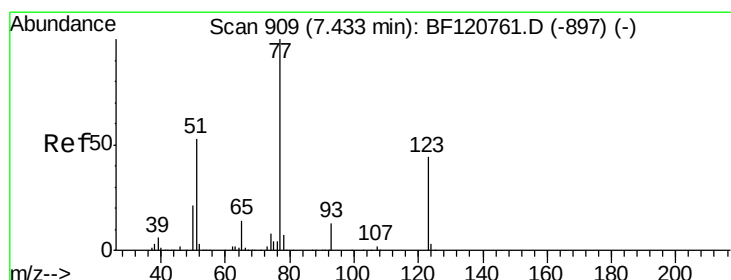
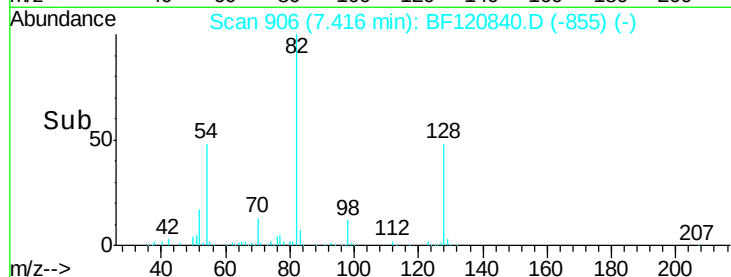
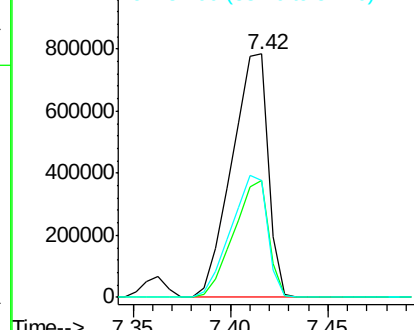
82 100

128 48.2 35.7 53.5

54 47.8 40.9 61.3



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: 44.116 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.00 min

Lab File: BF120840.D

Acq: 10 Jul 2020 19:35

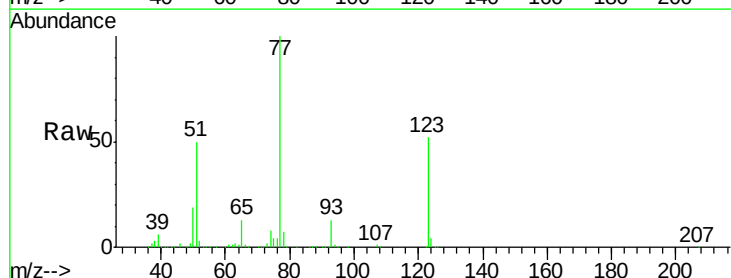
Tgt Ion: 77 Resp: 654948

Ion Ratio Lower Upper

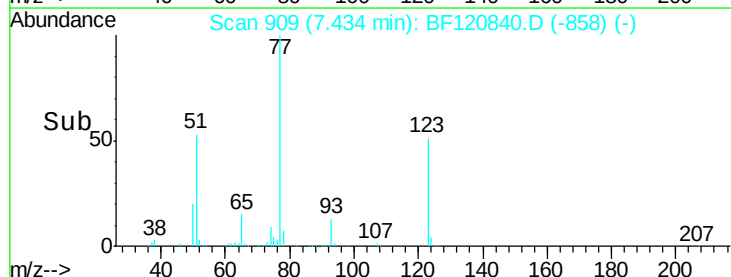
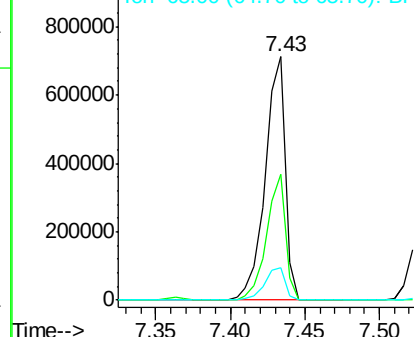
77 100

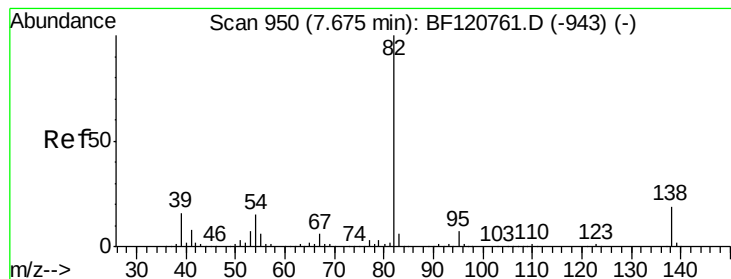
123 51.7 36.1 54.1

65 13.5 11.0 16.4



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





#25

Isophorone

Concen: 41.739 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF120840.D

Acq: 10 Jul 2020 19:35

Instrument :

BNA_F

ClientSampleId :

MH1MSD

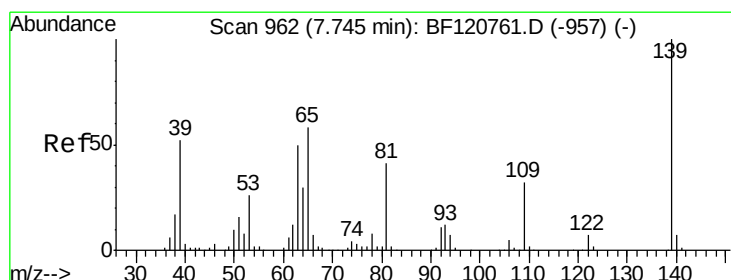
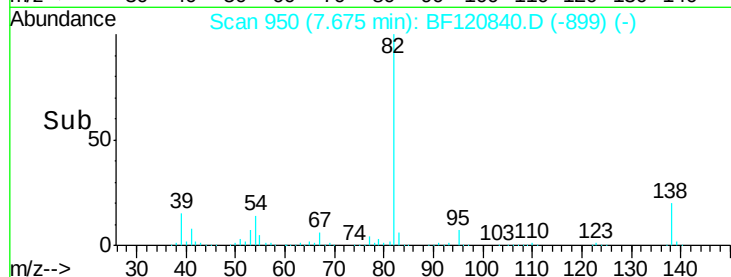
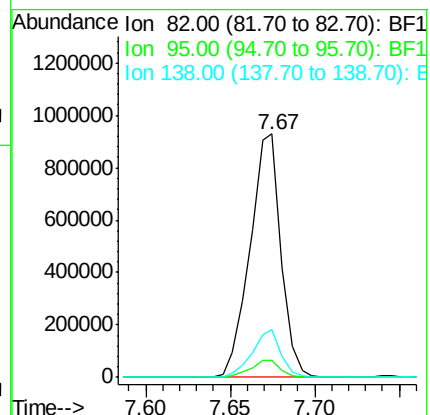
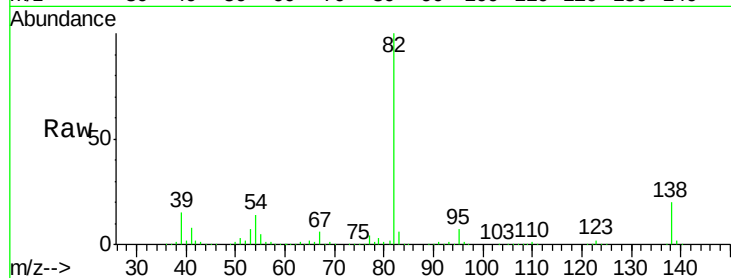
Tot Ion: 82 Resp: 1190206

Ion Ratio Lower Upper

82 100

95 7.1 5.4 8.2

138 19.5 15.0 22.4



#26

2-Nitrophenol

Concen: 50.138 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF120840.D

Acq: 10 Jul 2020 19:35

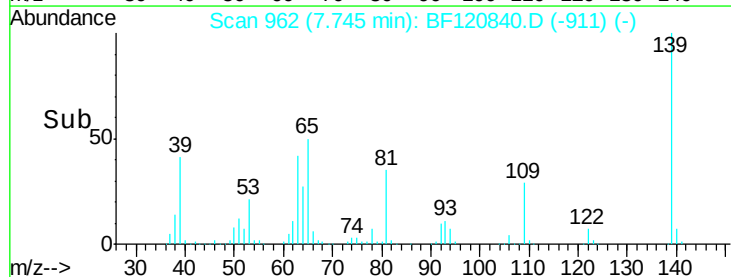
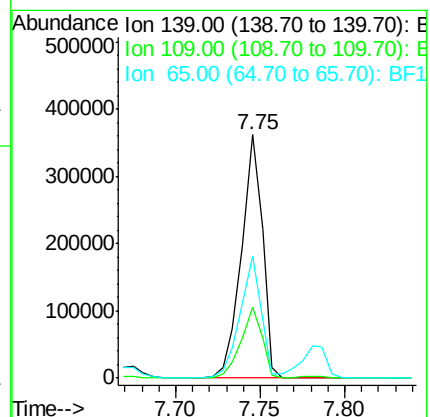
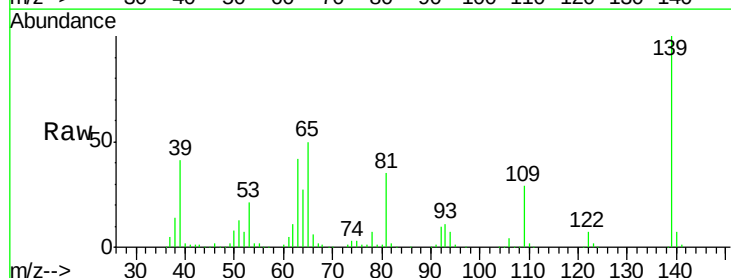
Tgt Ion: 139 Resp: 314131

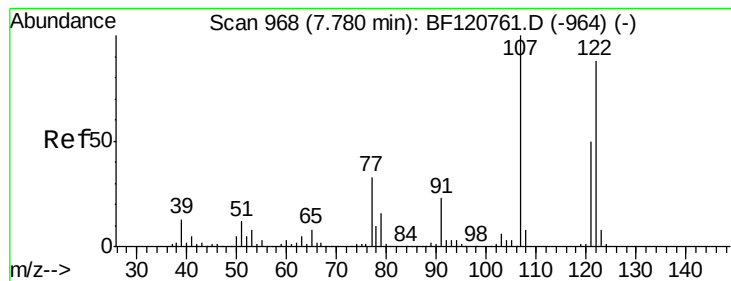
Ion Ratio Lower Upper

139 100

109 29.1 25.3 37.9

65 50.2 46.2 69.2

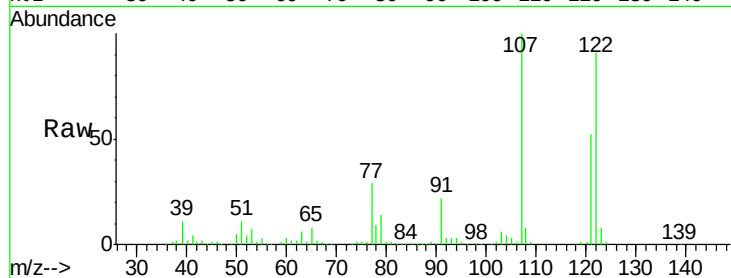




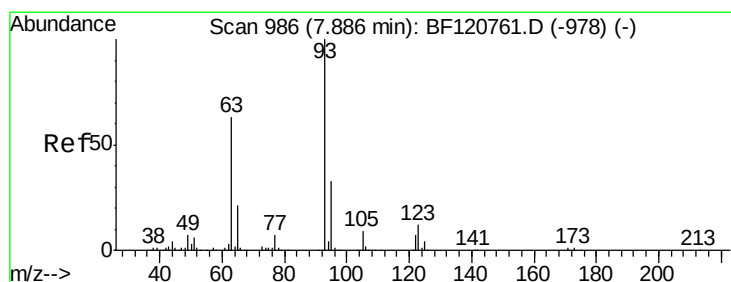
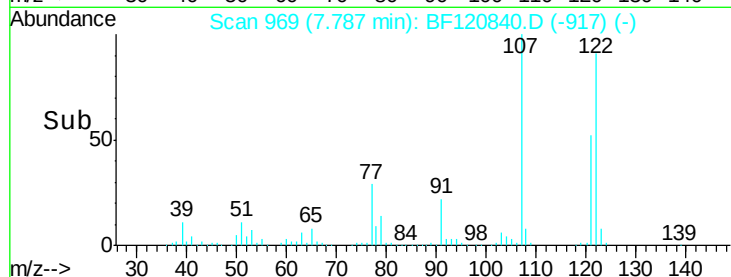
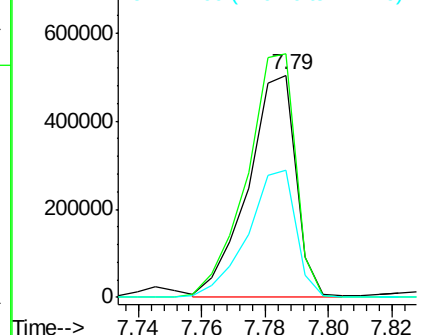
#27
 2,4-Dimethylphenol
 Concen: 46.595 ng
 RT: 7.79 min Scan# 969
 Delta R.T. 0.01 min
 Lab File: BF120840.D
 Acq: 10 Jul 2020 19:35

Instrument :
 BNA_F
 ClientSampleId :
 MH1MSD

Tot Ion:122 Resp: 530395
 Ion Ratio Lower Upper
 122 100
 107 109.7 90.7 136.1
 121 57.2 45.4 68.0

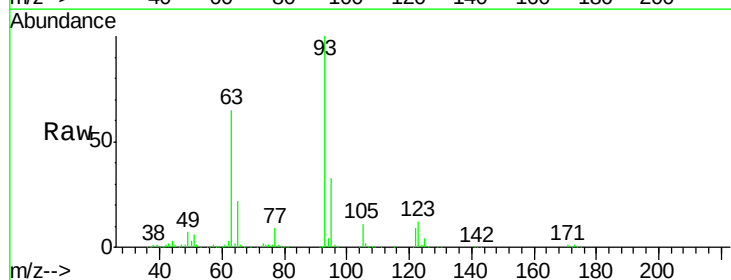


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

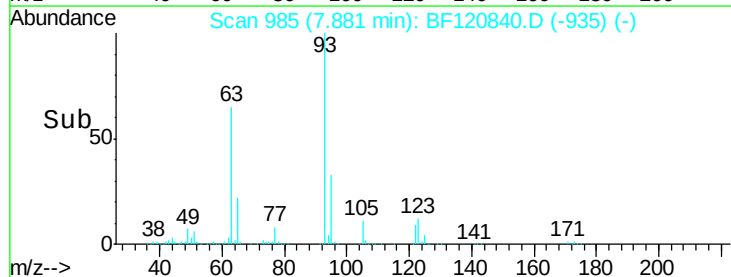
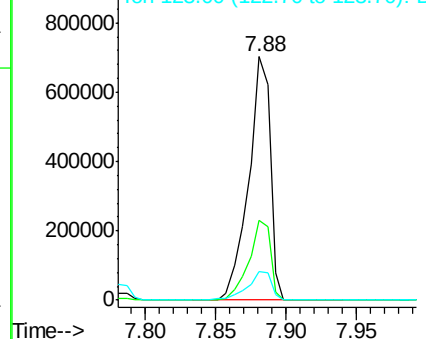


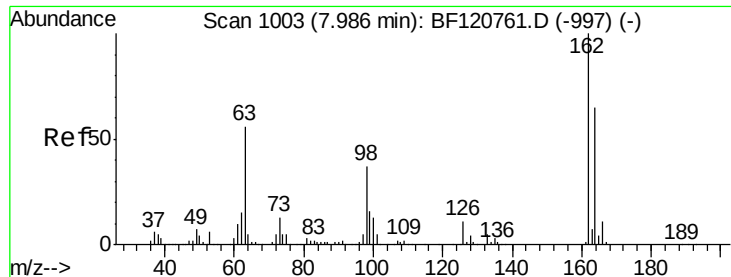
#28
 bis(2-Chloroethoxy)methane
 Concen: 44.577 ng
 RT: 7.88 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: BF120840.D
 Acq: 10 Jul 2020 19:35

Tgt Ion: 93 Resp: 752304
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.4 39.6
 123 12.0 10.2 15.2



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

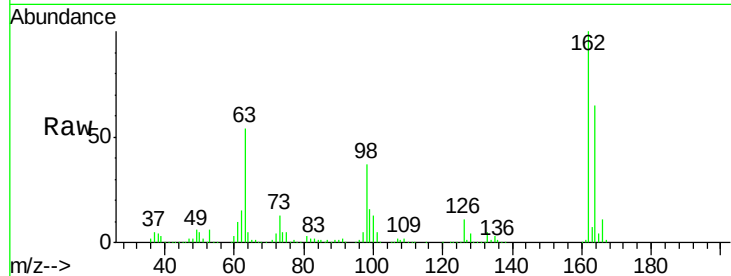




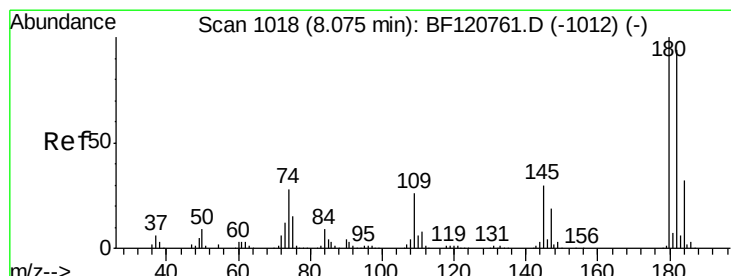
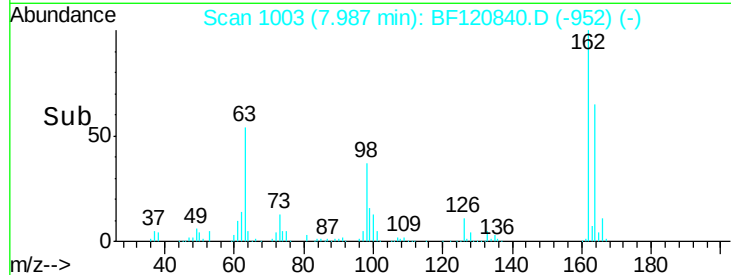
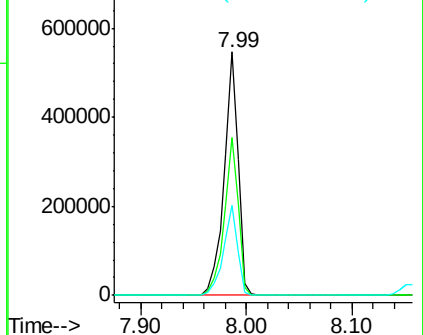
#29
2,4-Dichlorophenol
Concen: 44.639 ng
RT: 7.99 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BF120840.D
Acq: 10 Jul 2020 19:35

Instrument :
BNA_F
ClientSampleId :
MH1MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	45.2	85.2
98	36.8	17.0	57.0

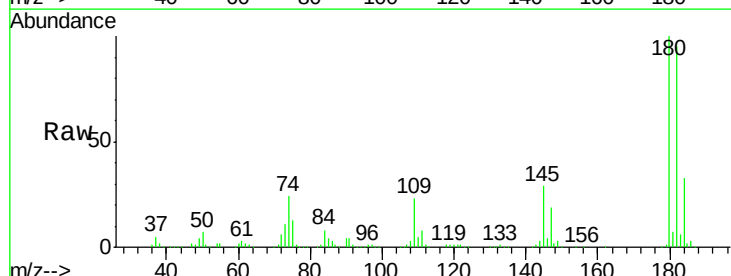


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

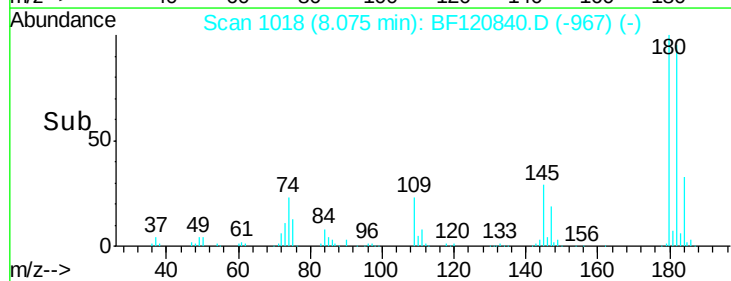
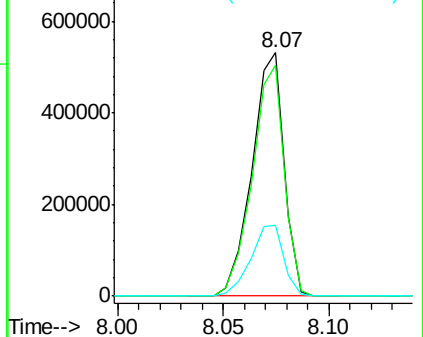


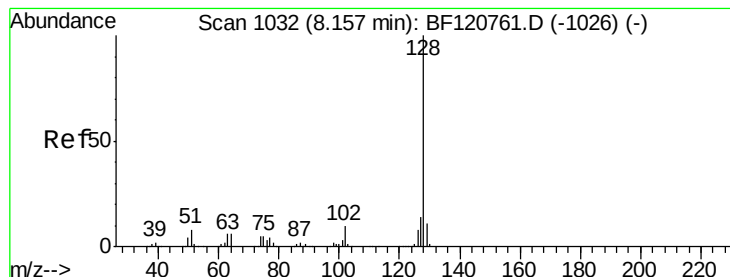
#30
1,2,4-Trichlorobenzene
Concen: 43.902 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF120840.D
Acq: 10 Jul 2020 19:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	75.5	113.3
145	29.0	24.1	36.1



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: 42.510 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF120840.D

Acq: 10 Jul 2020 19:35

Instrument :

BNA_F

ClientSampleId :

MH1MSD

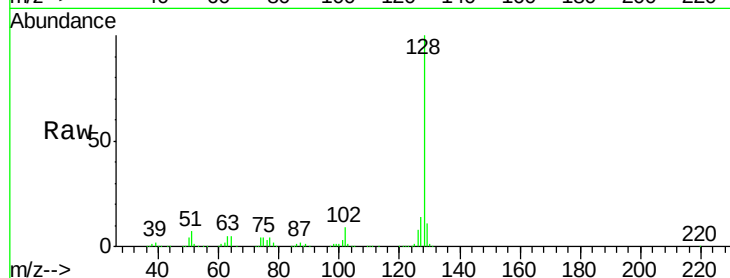
Tot Ion:128 Resp: 1740423

Ion Ratio Lower Upper

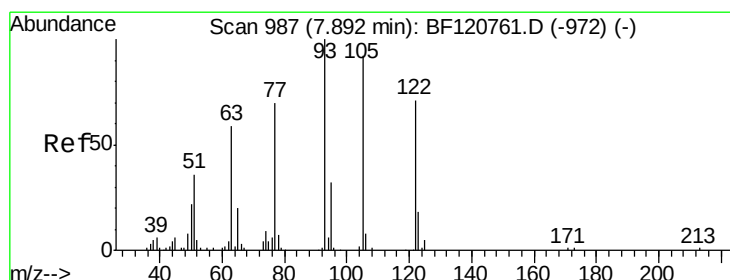
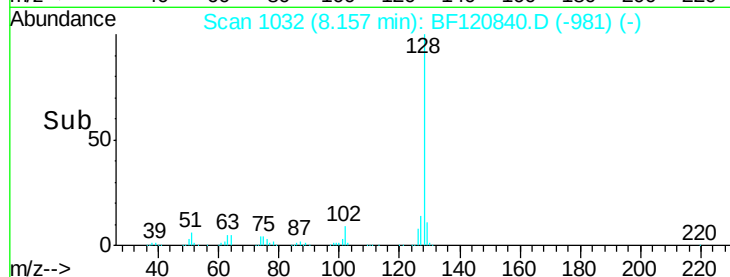
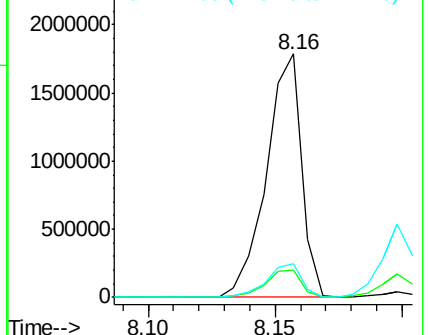
128 100

129 11.4 9.2 13.8

127 13.8 11.1 16.7



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



#32

Benzoic acid

Concen: 28.359 ng

RT: 7.89 min Scan# 987

Delta R.T. 0.00 min

Lab File: BF120840.D

Acq: 10 Jul 2020 19:35

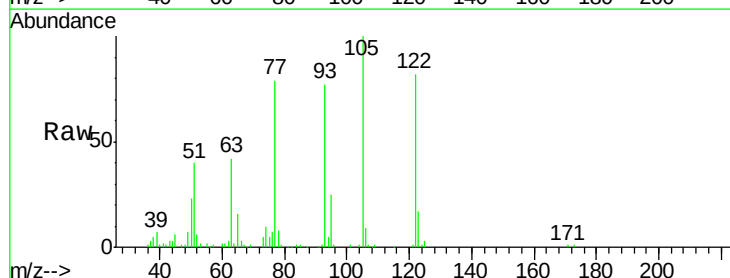
Tgt Ion:122 Resp: 213002

Ion Ratio Lower Upper

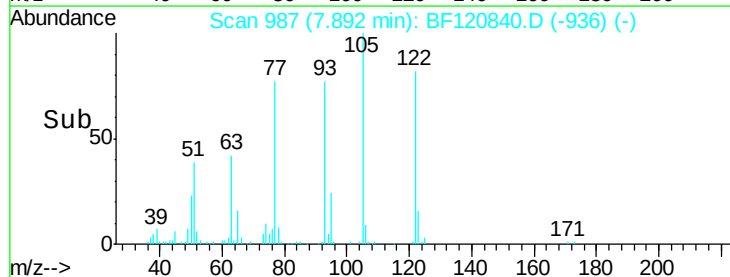
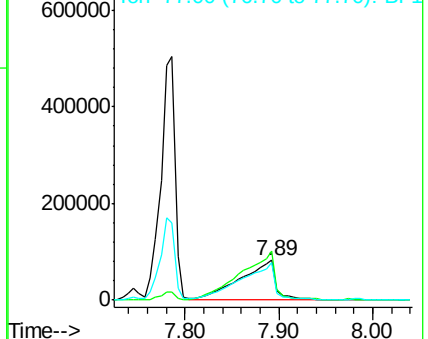
122 100

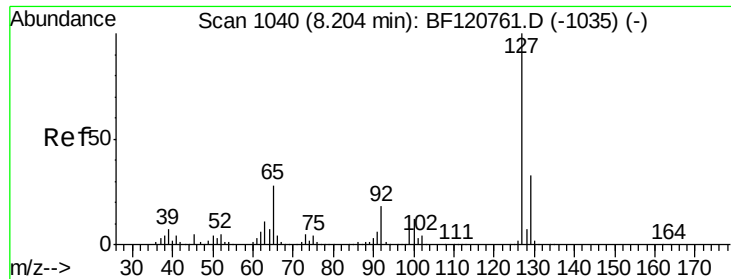
105 121.4 105.8 145.8

77 95.6 77.3 117.3



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

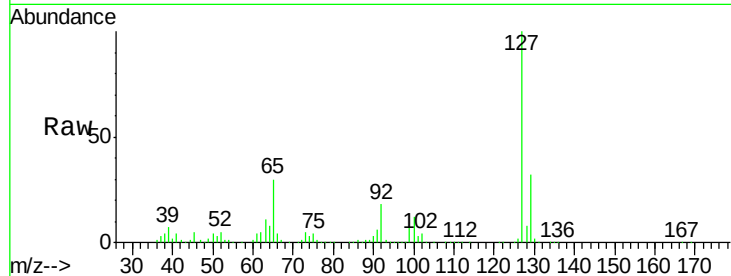




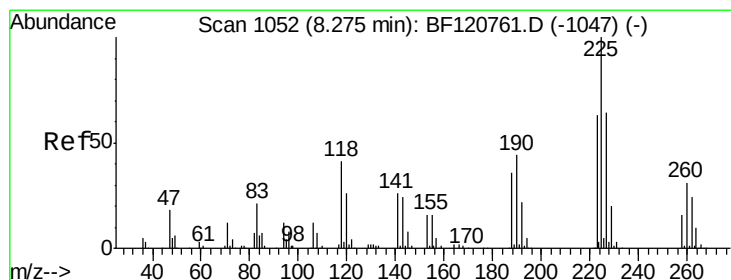
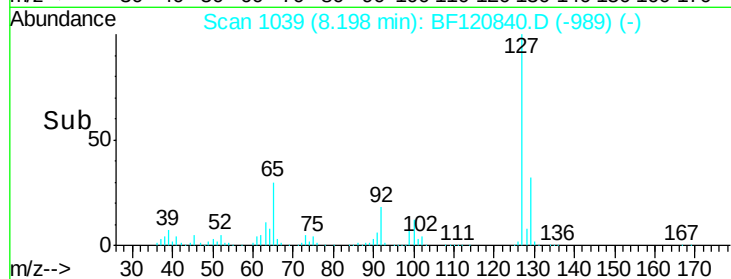
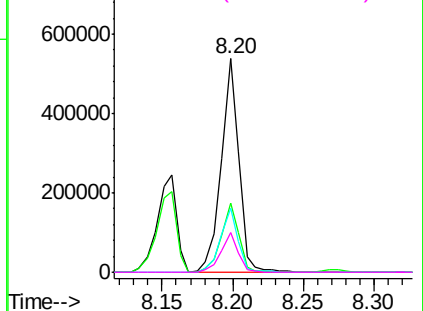
#33
4-Chloroaniline
Concen: 26.920 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF120840.D
Acq: 10 Jul 2020 19:35

Instrument :
BNA_F
ClientSampleId :
MH1MSD

Tot Ion:127	Resp:	467684
Ion Ratio	Lower	Upper
127	100	
129	32.5	26.6 39.8
65	29.7	22.7 34.1
92	18.5	14.3 21.5

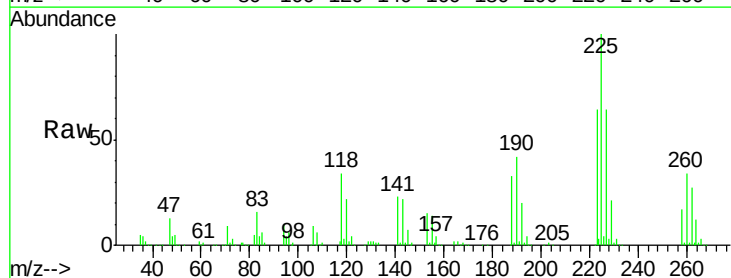


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

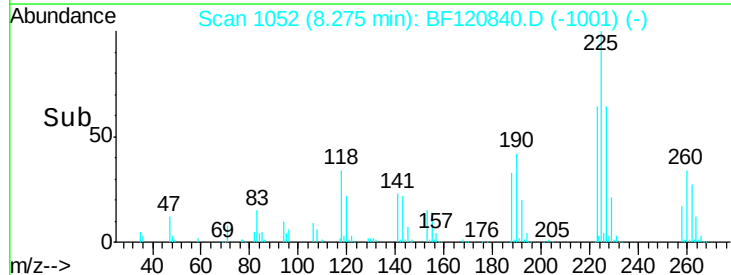
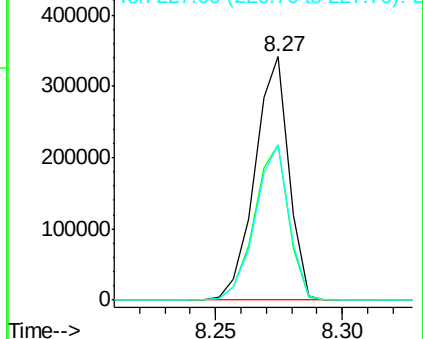


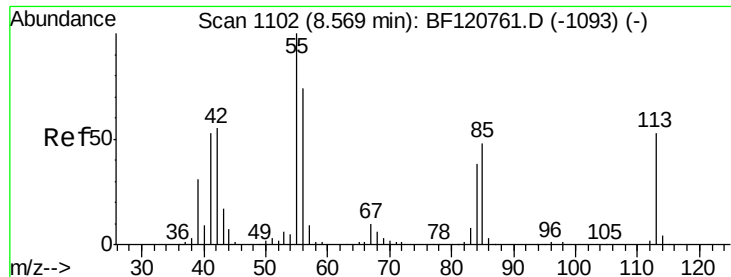
#34
Hexachlorobutadiene
Concen: 41.295 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF120840.D
Acq: 10 Jul 2020 19:35

Tgt Ion:225	Resp:	316993
Ion Ratio	Lower	Upper
225	100	
223	63.5	50.6 76.0
227	64.0	51.4 77.2



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

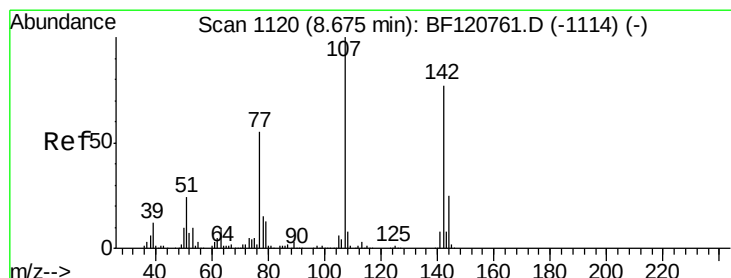
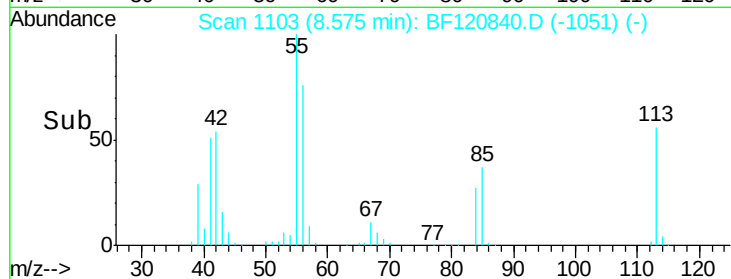
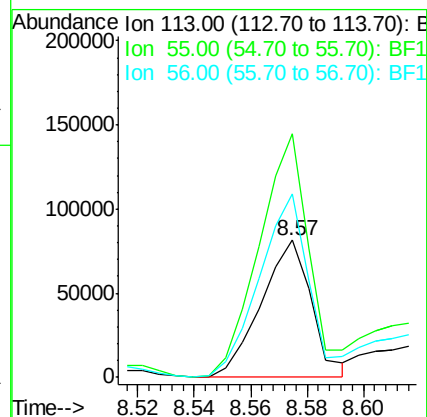
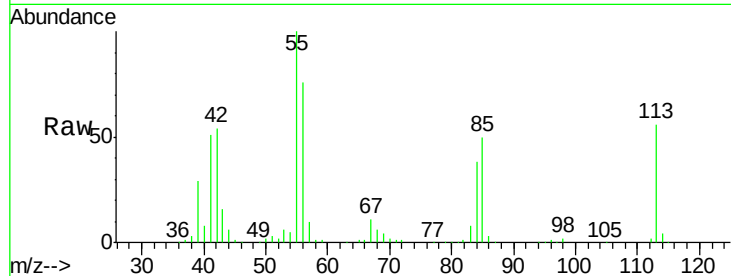




#35
Caprolactam
Concen: 30.380 ng
RT: 8.57 min Scan# 1103
Delta R.T. 0.01 min
Lab File: BF120840.D
Acq: 10 Jul 2020 19:35

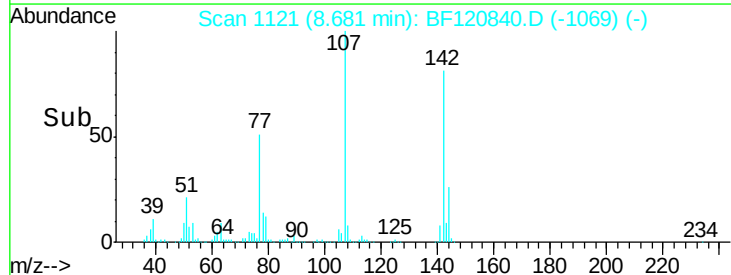
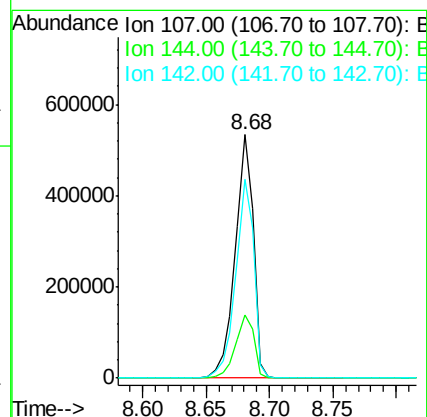
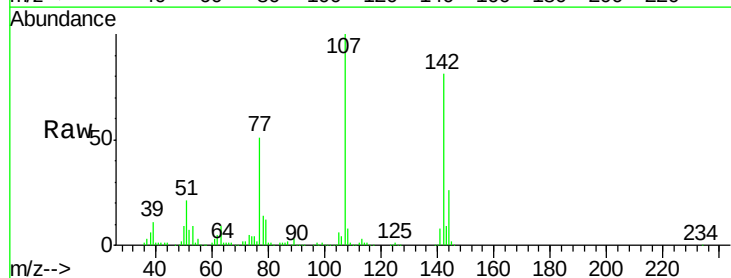
Instrument :
BNA_F
ClientSampleId :
MH1MSD

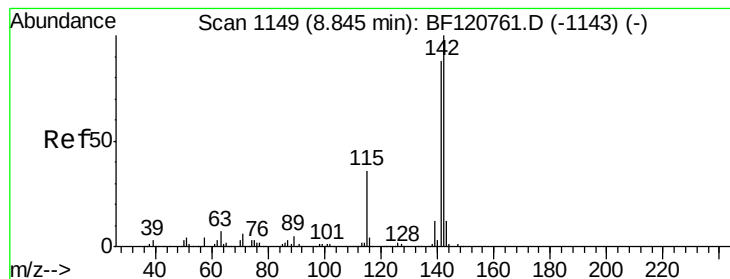
Tot Ion:113 Resp: 100593
Ion Ratio Lower Upper
113 100
55 177.8 168.3 208.3
56 134.3 118.8 158.8



#36
4-Chloro-3-methylphenol
Concen: 44.478 ng
RT: 8.68 min Scan# 1121
Delta R.T. 0.01 min
Lab File: BF120840.D
Acq: 10 Jul 2020 19:35

Tgt Ion:107 Resp: 525765
Ion Ratio Lower Upper
107 100
144 26.0 19.7 29.5
142 81.5 61.2 91.8





#37

2-Methylnaphthalene

Concen: 43.490 ng

RT: 8.85 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BF120840.D

Acq: 10 Jul 2020 19:35

Instrument :

BNA_F

ClientSampleId :

MH1MSD

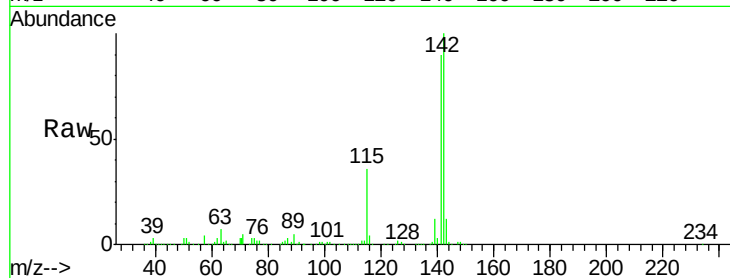
Tot Ion:142 Resp: 1157456

Ion Ratio Lower Upper

142 100

141 89.6 70.2 105.4

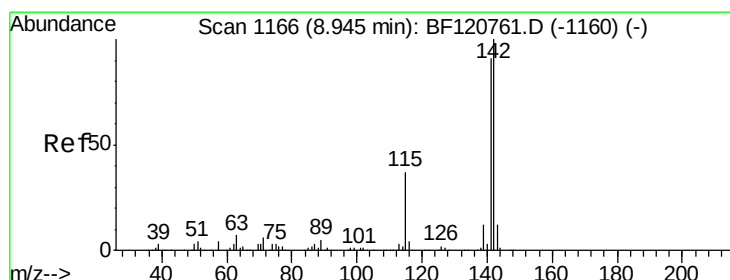
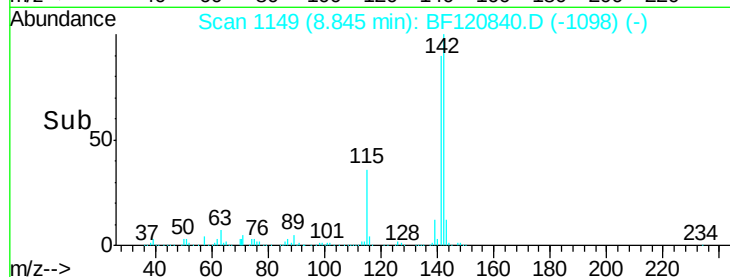
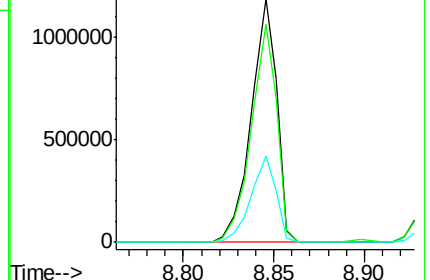
115 35.5 29.0 43.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 43.957 ng

RT: 8.95 min Scan# 1166

Delta R.T. 0.00 min

Lab File: BF120840.D

Acq: 10 Jul 2020 19:35

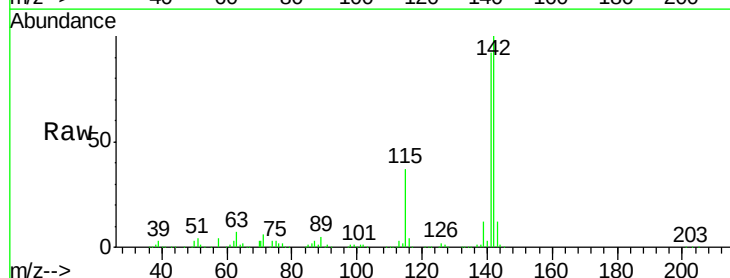
Tgt Ion:142 Resp: 1095846

Ion Ratio Lower Upper

142 100

141 92.3 72.5 108.7

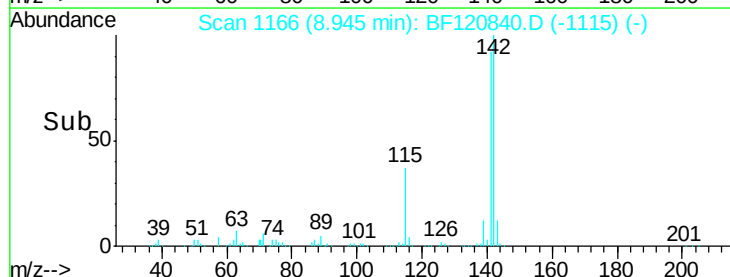
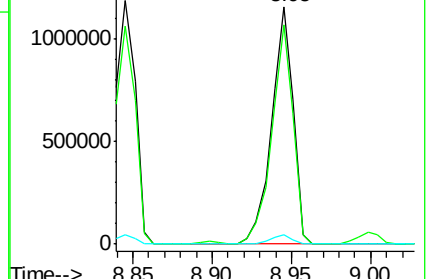
116 3.8 3.1 4.7

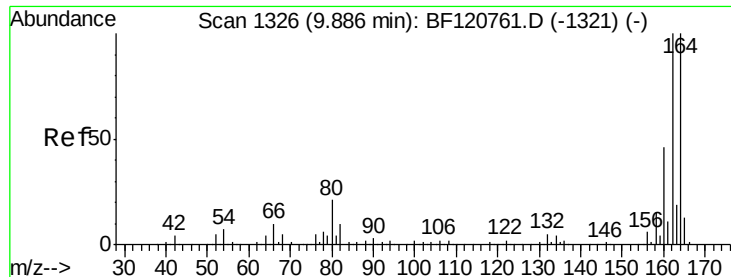


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF120840.D

Acq: 10 Jul 2020 19:35

Instrument :

BNA_F

ClientSampleId :

MH1MSD

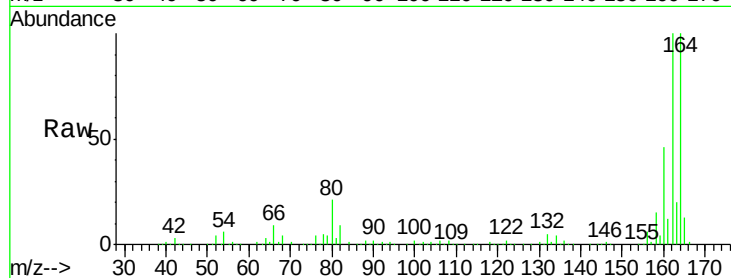
Tot Ion:164 Resp: 386359

Ion Ratio Lower Upper

164 100

162 100.1 80.2 120.2

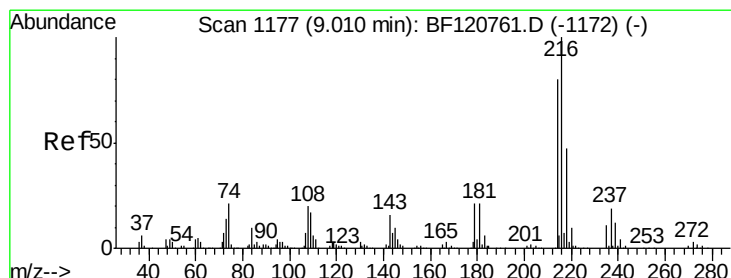
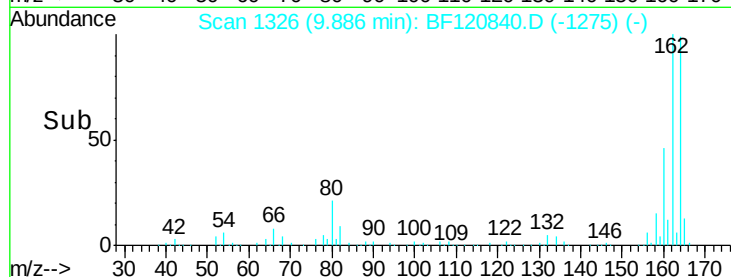
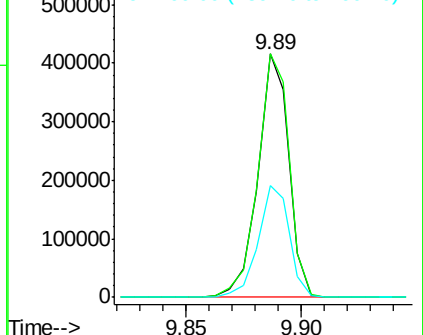
160 46.2 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.192 ng

RT: 9.01 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BF120840.D

Acq: 10 Jul 2020 19:35

Tgt Ion:216 Resp: 492661

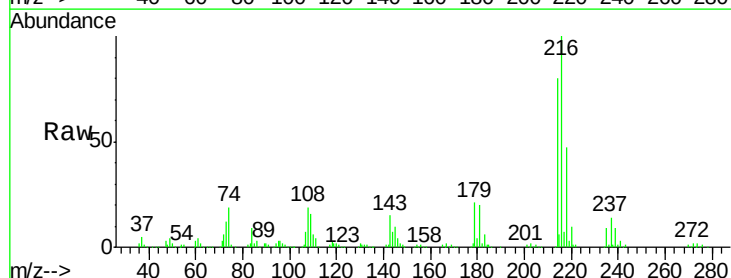
Ion Ratio Lower Upper

216 100

214 79.2 63.7 95.5

179 20.8 16.7 25.1

108 20.6 17.0 25.4

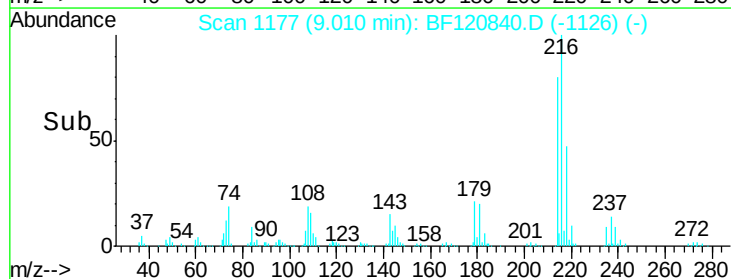
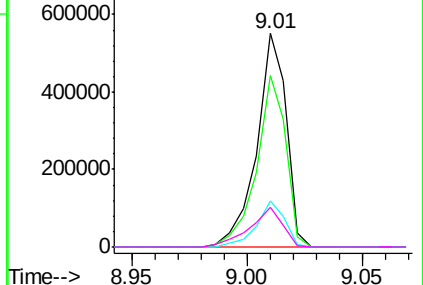


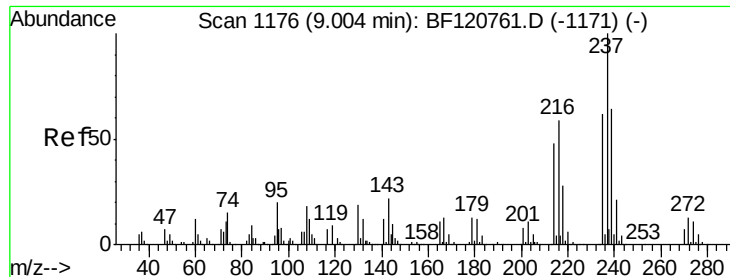
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 63.269 ng

RT: 9.00 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BF120840.D

Acq: 10 Jul 2020 19:35

Instrument :

BNA_F

ClientSampleId :

MH1MSD

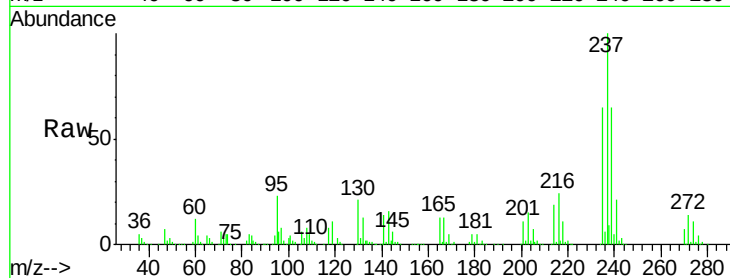
Tot Ion:237 Resp: 436497

Ion Ratio Lower Upper

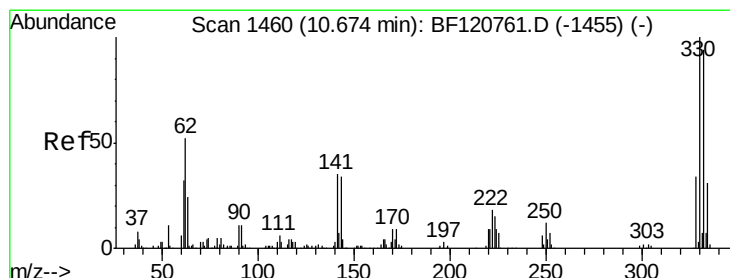
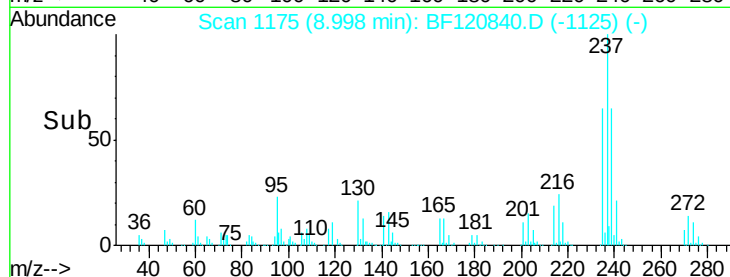
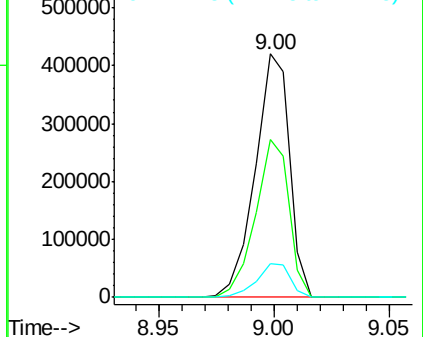
237 100

235 65.0 42.1 82.1

272 13.7 0.0 33.4



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



#42

2,4,6-Tribromophenol

Concen: 104.964 ng

RT: 10.68 min Scan# 1461

Delta R.T. 0.01 min

Lab File: BF120840.D

Acq: 10 Jul 2020 19:35

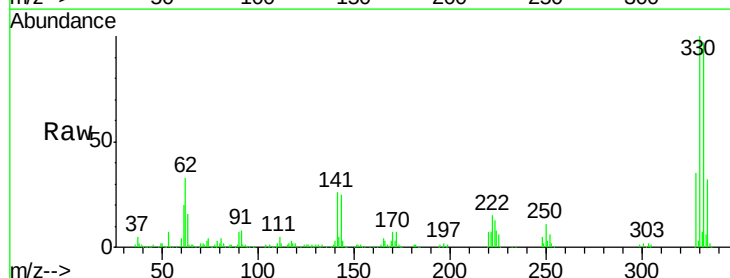
Tgt Ion:330 Resp: 407422

Ion Ratio Lower Upper

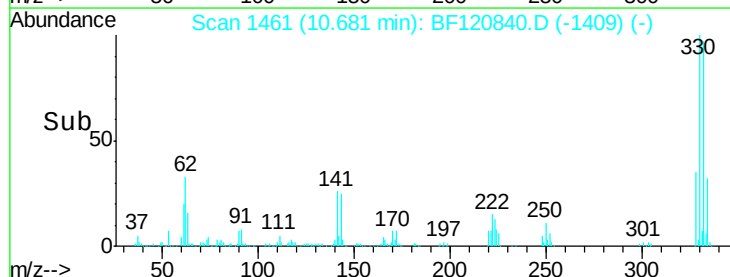
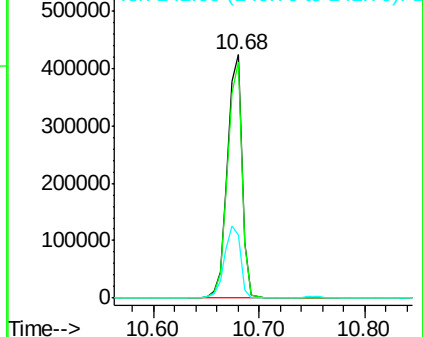
330 100

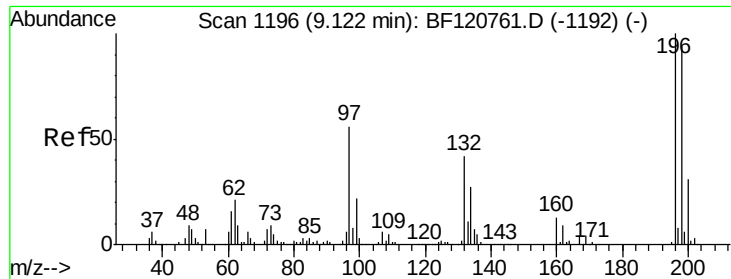
332 95.9 75.8 113.6

141 32.7 29.7 44.5



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

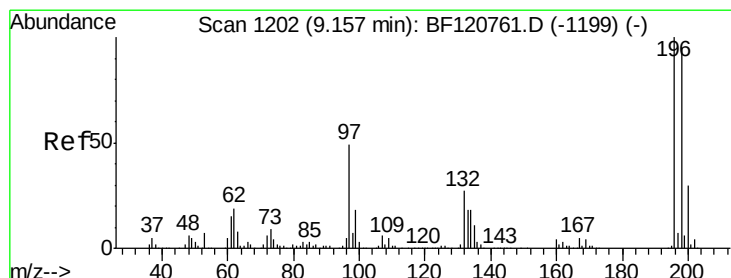
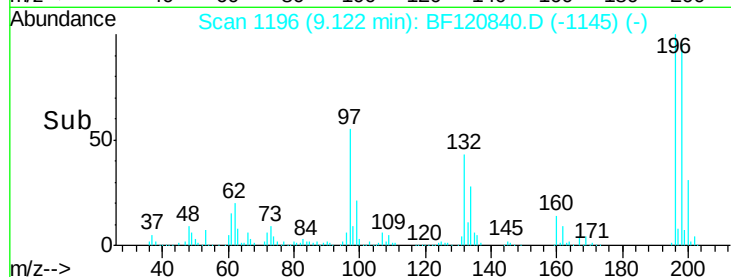
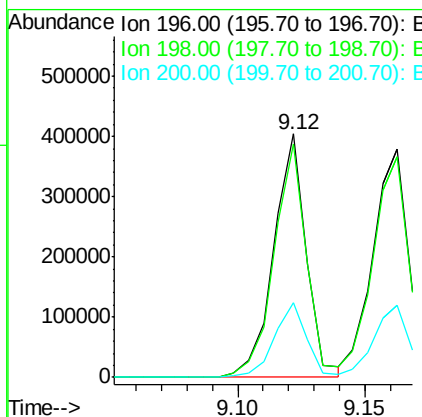
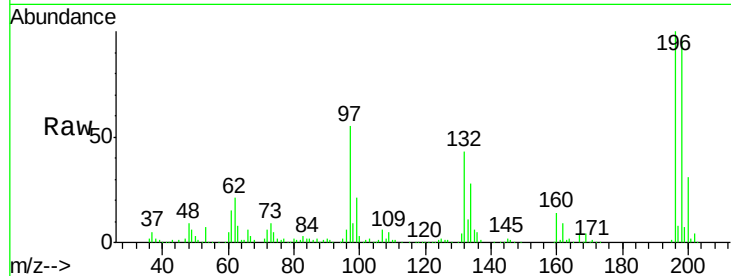




#43
 2,4,6-Trichlorophenol
 Concen: 45.668 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF120840.D
 Acq: 10 Jul 2020 19:35

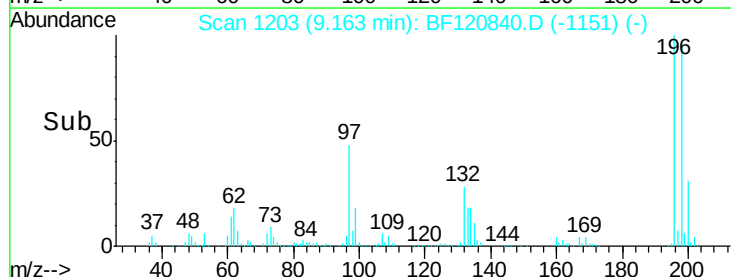
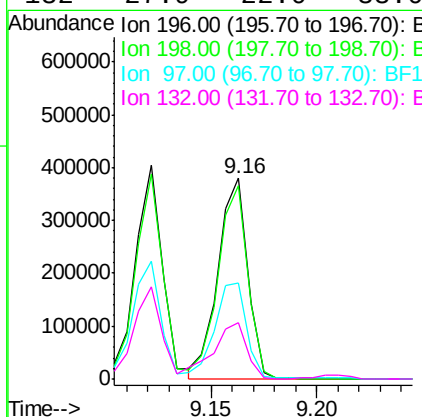
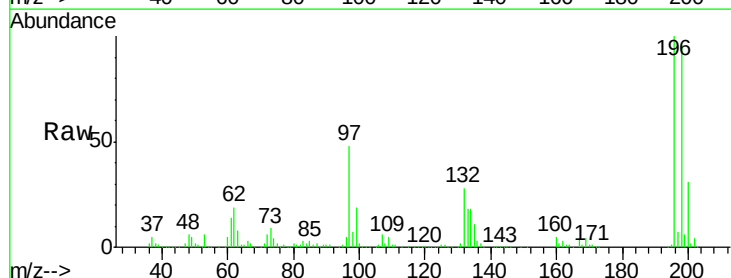
Instrument :
 BNA_F
 ClientSampleId :
 MH1MSD

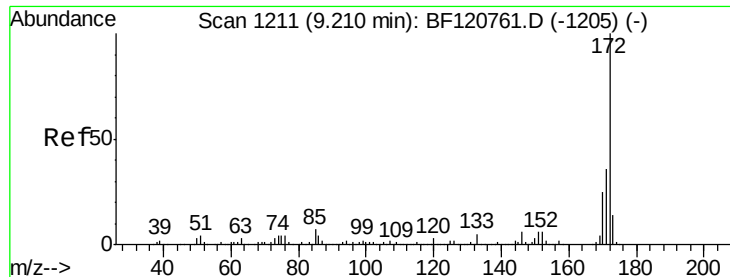
Tot Ion:196 Resp: 363361
 Ion Ratio Lower Upper
 196 100
 198 95.9 75.3 112.9
 200 30.7 24.4 36.6



#44
 2,4,5-Trichlorophenol
 Concen: 41.927 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.01 min
 Lab File: BF120840.D
 Acq: 10 Jul 2020 19:35

Tgt Ion:196 Resp: 370221
 Ion Ratio Lower Upper
 196 100
 198 96.3 76.2 114.2
 97 47.7 39.6 59.4
 132 27.9 22.0 33.0

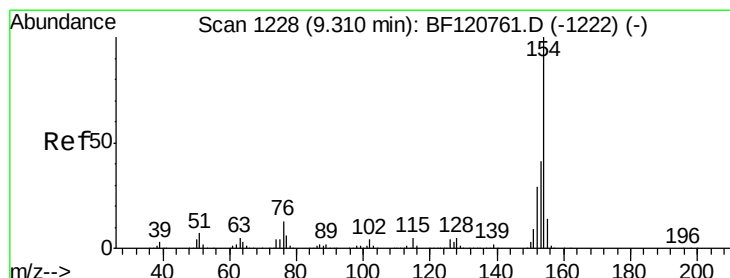
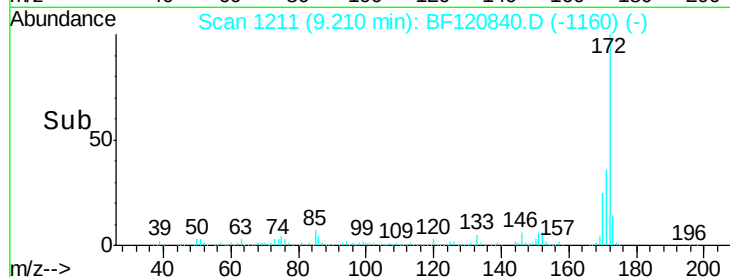
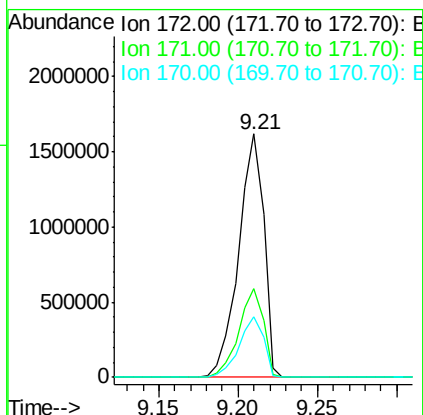
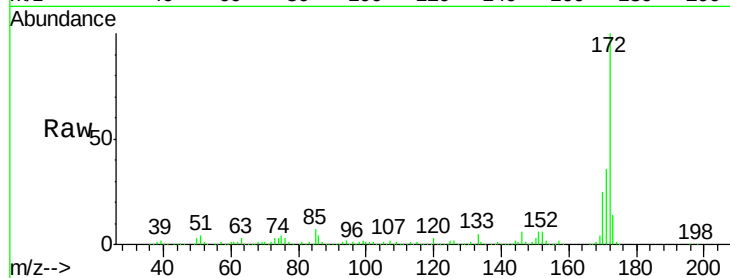




#45
2-Fluorobiphenyl
Concen: 69.271 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF120840.D
Acq: 10 Jul 2020 19:35

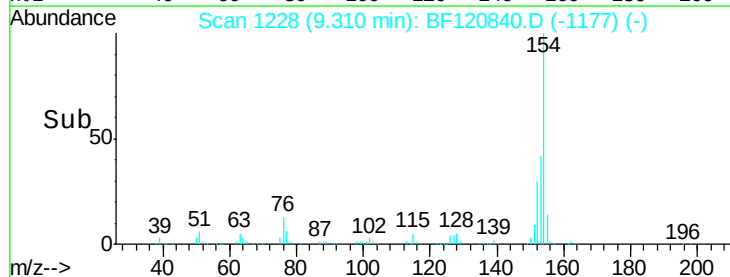
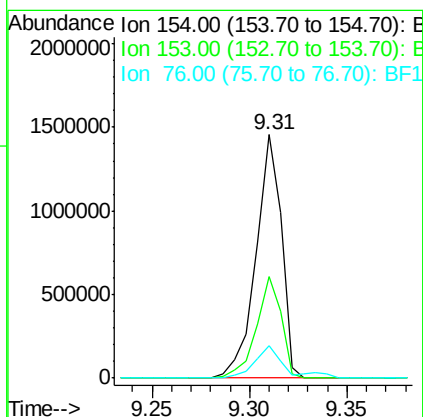
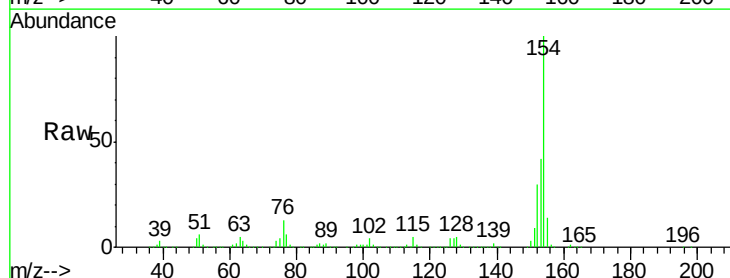
Instrument :
BNA_F
ClientSampleId :
MH1MSD

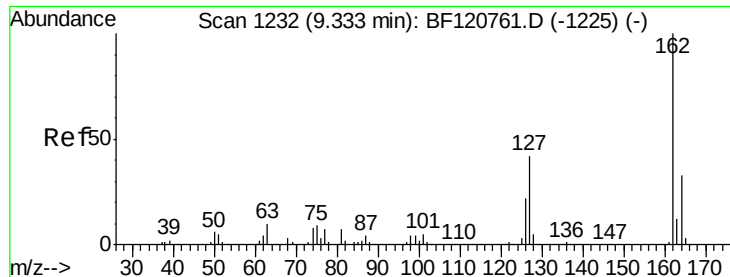
Tot Ion:172 Resp: 1768961
Ion Ratio Lower Upper
172 100
171 36.4 29.1 43.7
170 24.6 19.8 29.6



#46
1,1'-Biphenyl
Concen: 42.255 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BF120840.D
Acq: 10 Jul 2020 19:35

Tgt Ion:154 Resp: 1316884
Ion Ratio Lower Upper
154 100
153 41.5 20.7 60.7
76 13.3 0.0 33.3

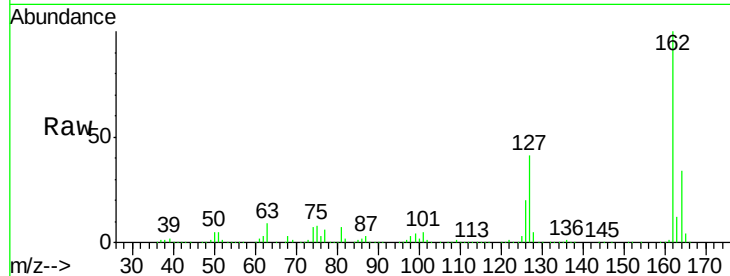




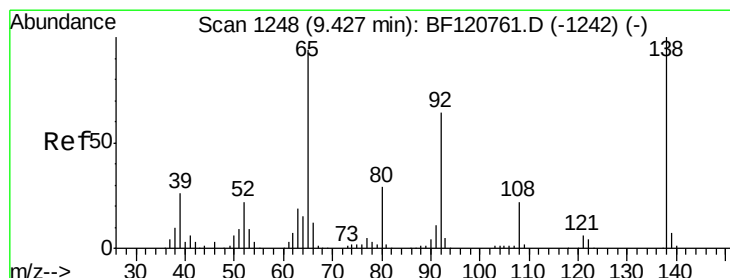
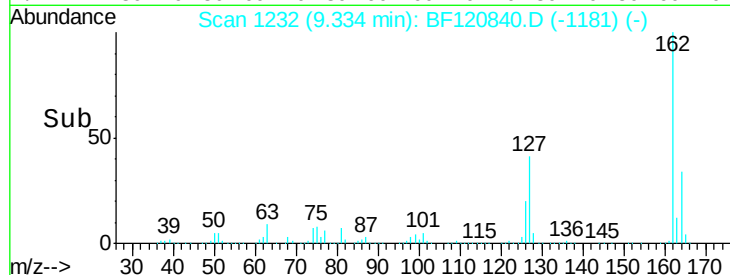
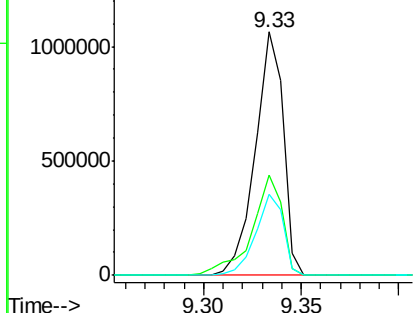
#47
2-Chloronaphthalene
Concen: 42.316 ng
RT: 9.33 min Scan# 1232
Delta R.T. 0.00 min
Lab File: BF120840.D
Acq: 10 Jul 2020 19:35

Instrument :
BNA_F
ClientSampleId :
MH1MSD

Tot Ion:162 Resp: 1056499
Ion Ratio Lower Upper
162 100
127 41.3 33.7 50.5
164 33.5 26.4 39.6

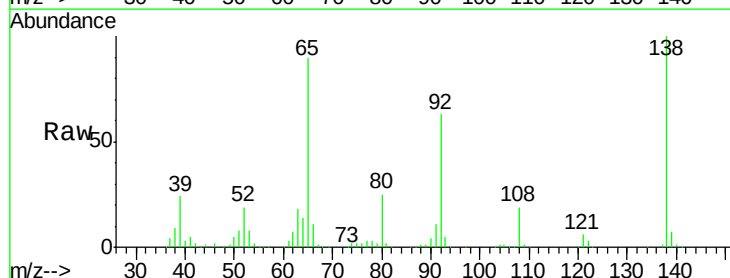


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

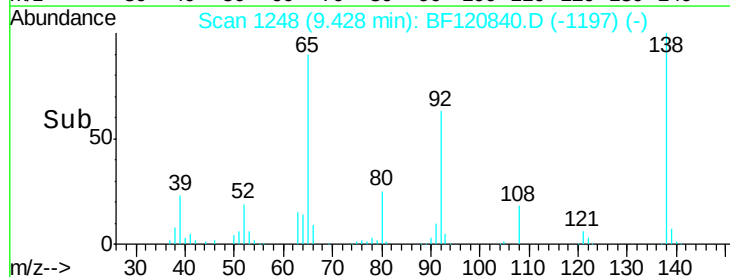
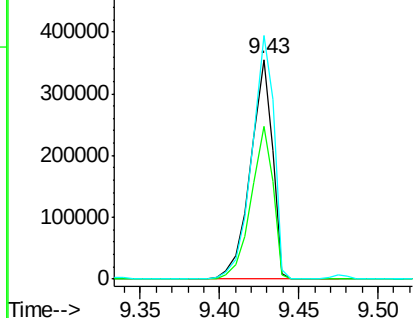


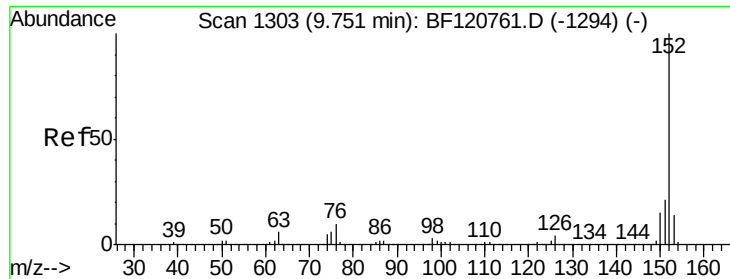
#48
2-Nitroaniline
Concen: 45.811 ng
RT: 9.43 min Scan# 1248
Delta R.T. 0.00 min
Lab File: BF120840.D
Acq: 10 Jul 2020 19:35

Tgt Ion: 65 Resp: 341532
Ion Ratio Lower Upper
65 100
92 69.8 54.4 81.6
138 110.9 84.7 127.1



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: 42.380 ng

RT: 9.75 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BF120840.D

Acq: 10 Jul 2020 19:35

Instrument :

BNA_F

ClientSampleId :

MH1MSD

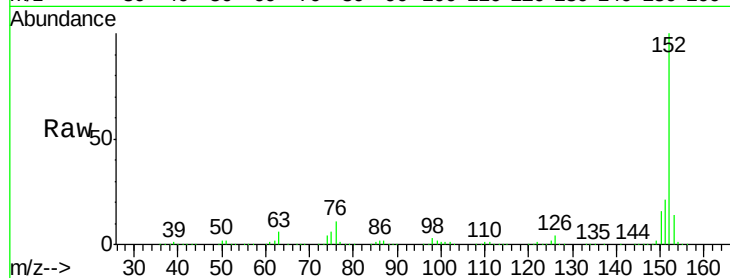
Tot Ion:152 Resp: 1658890

Ion Ratio Lower Upper

152 100

151 21.4 16.9 25.3

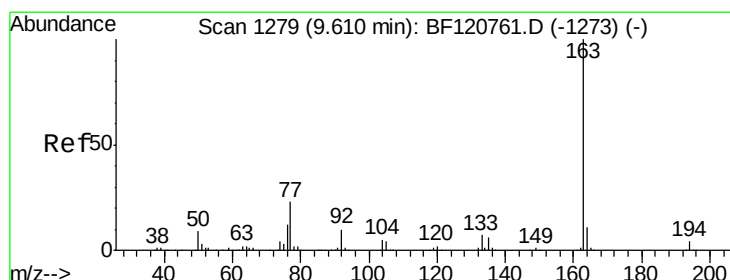
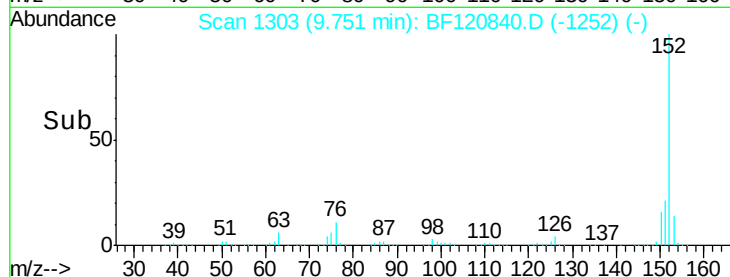
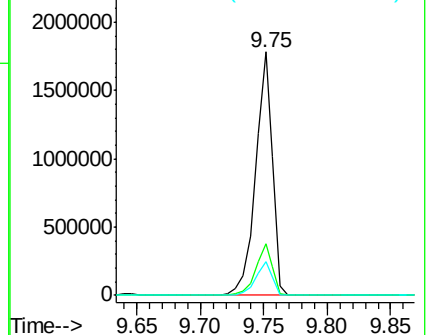
153 14.0 10.8 16.2



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: 45.508 ng

RT: 9.62 min Scan# 1280

Delta R.T. 0.01 min

Lab File: BF120840.D

Acq: 10 Jul 2020 19:35

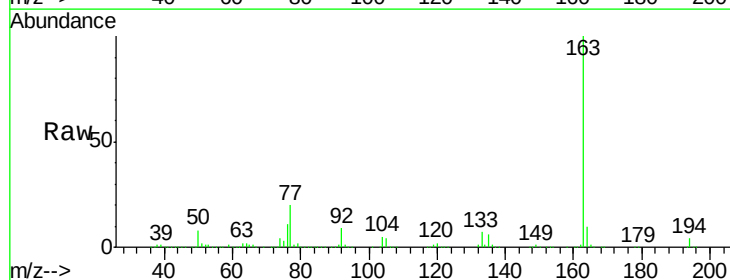
Tgt Ion:163 Resp: 1282591

Ion Ratio Lower Upper

163 100

194 4.0 2.9 4.3

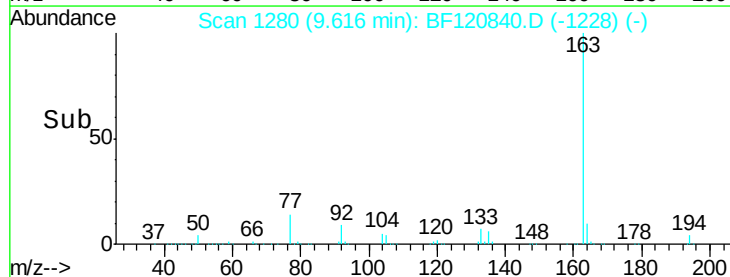
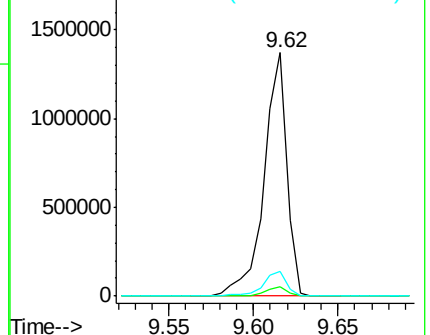
164 10.4 8.5 12.7

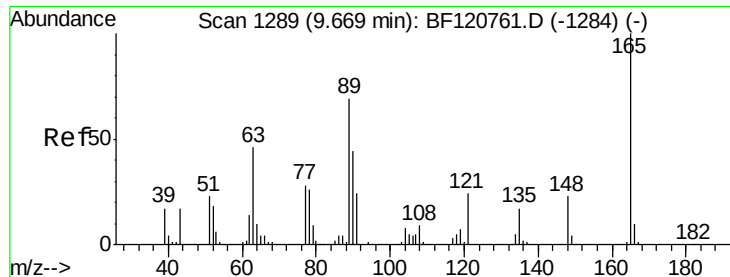


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 48.717 ng

RT: 9.67 min Scan# 1290

Delta R.T. 0.01 min

Lab File: BF120840.D

Acq: 10 Jul 2020 19:35

Instrument :

BNA_F

ClientSampled :

MH1MSD

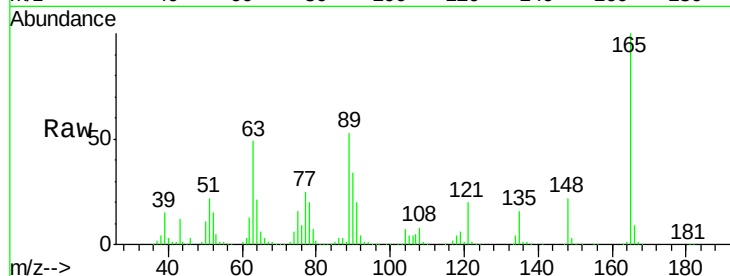
Tot Ion:165 Resp: 273081

Ion Ratio Lower Upper

165 100

63 49.4 54.0 81.0#

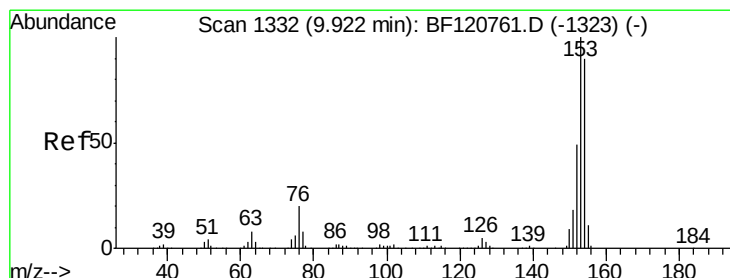
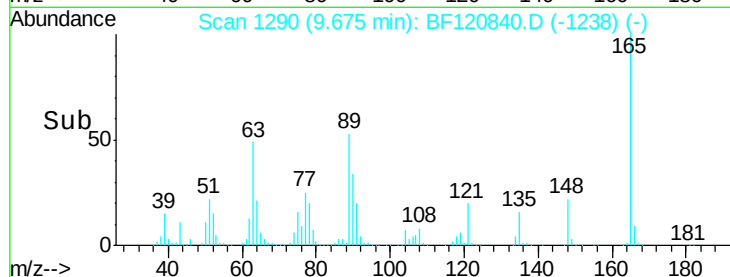
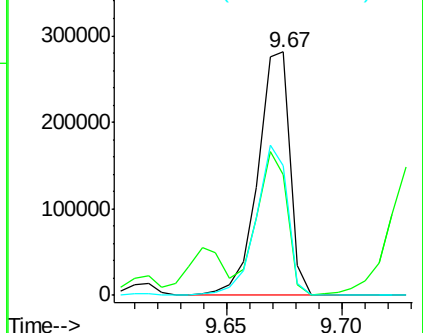
89 53.0 55.4 83.2#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 42.412 ng

RT: 9.92 min Scan# 1332

Delta R.T. 0.00 min

Lab File: BF120840.D

Acq: 10 Jul 2020 19:35

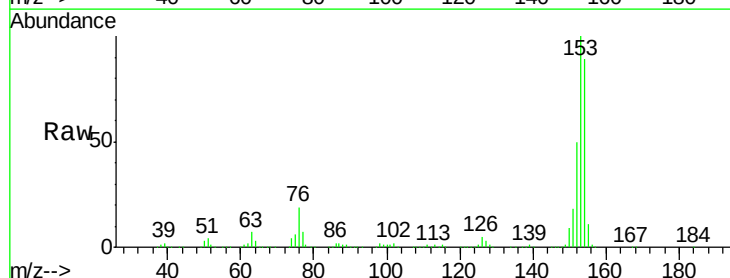
Tgt Ion:154 Resp: 1029907

Ion Ratio Lower Upper

154 100

153 111.8 88.6 132.8

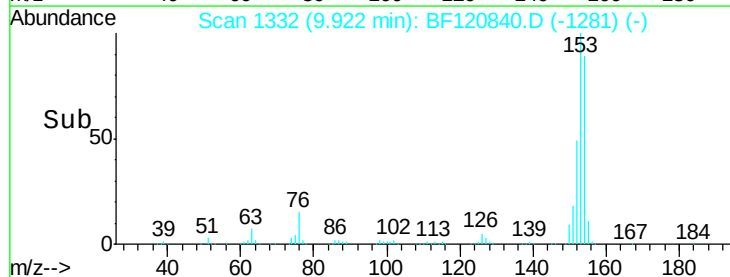
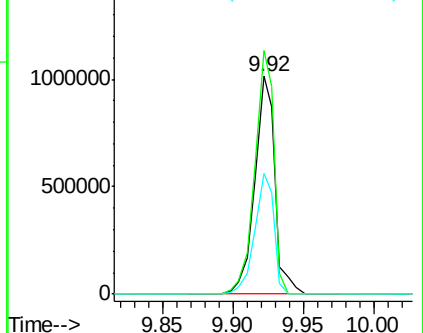
152 55.5 43.6 65.4

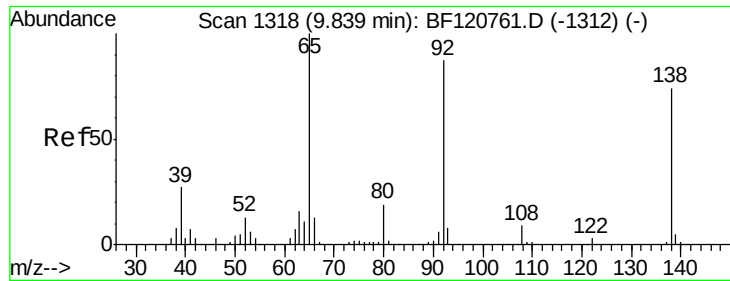


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

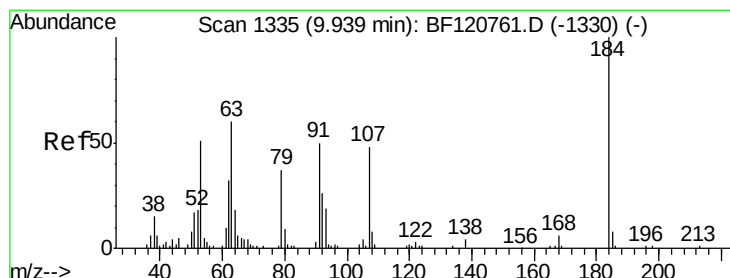
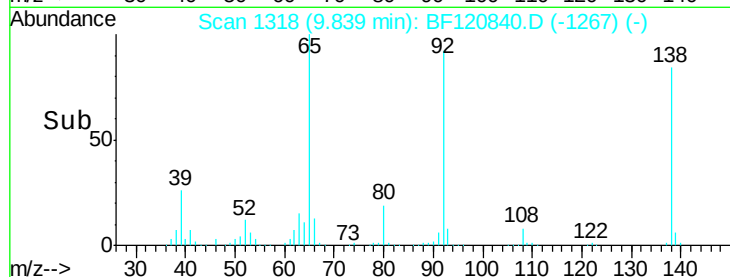
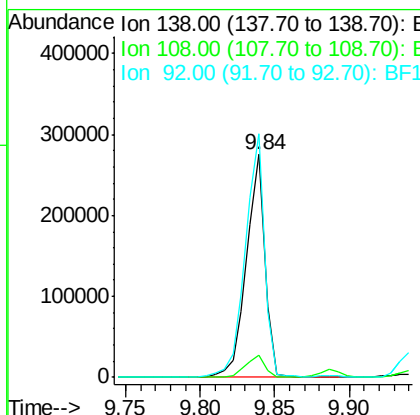
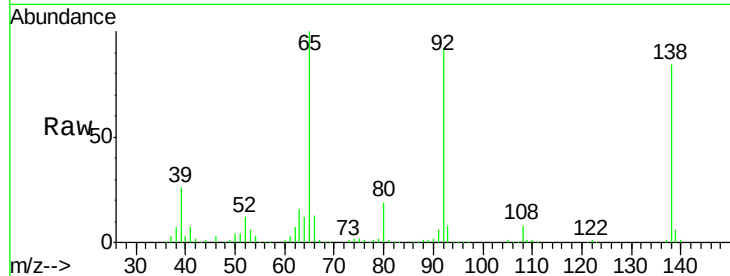




#53
 3-Nitroaniline
 Concen: 35.246 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. 0.00 min
 Lab File: BF120840.D
 Acq: 10 Jul 2020 19:35

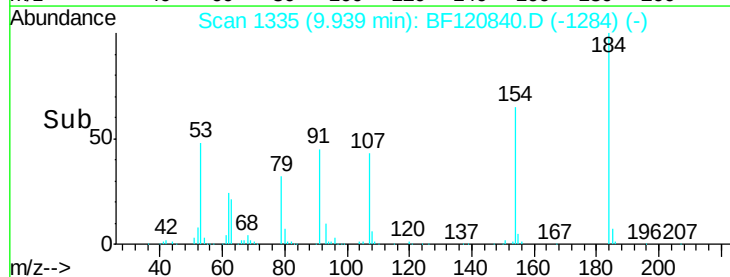
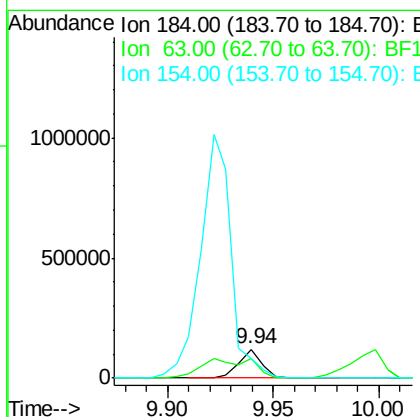
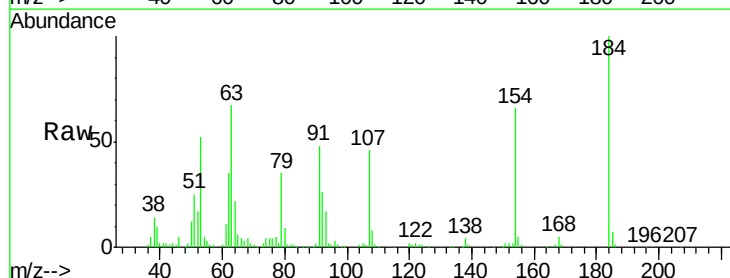
Instrument :
 BNA_F
 ClientSampleId :
 MH1MSD

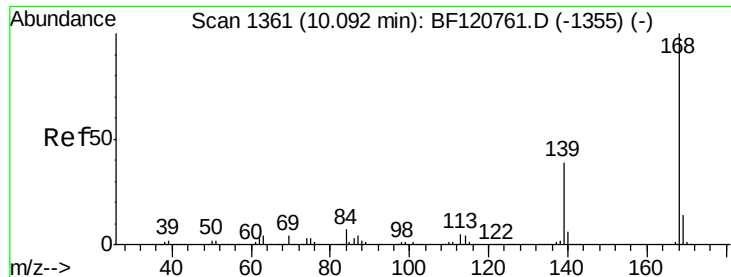
Tot Ion:138 Resp: 238006
 Ion Ratio Lower Upper
 138 100
 108 9.8 9.8 14.6
 92 109.4 93.4 140.2



#54
 2,4-Dinitrophenol
 Concen: 44.853 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.00 min
 Lab File: BF120840.D
 Acq: 10 Jul 2020 19:35

Tgt Ion:184 Resp: 88365
 Ion Ratio Lower Upper
 184 100
 63 67.4 57.3 85.9
 154 65.7 55.8 83.6





#55

Dibenzenofuran

Concen: 42.475 ng

RT: 10.09 min Scan# 1361

Delta R.T. 0.00 min

Lab File: BF120840.D

Acq: 10 Jul 2020 19:35

Instrument :

BNA_F

ClientSampleId :

MH1MSD

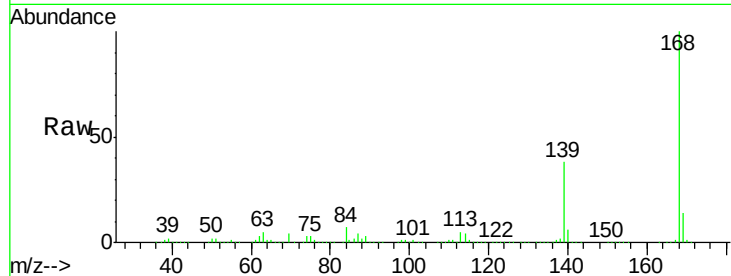
Tot Ion:168 Resp: 1486799

Ion Ratio Lower Upper

168 100

139 37.9 31.3 46.9

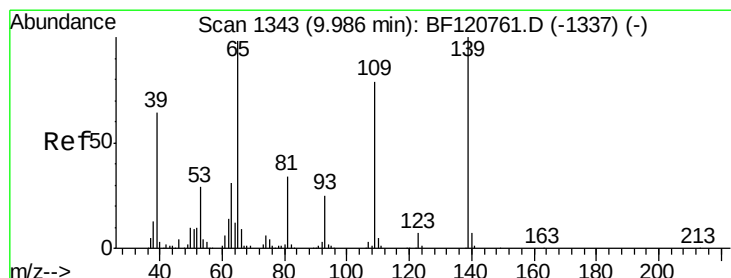
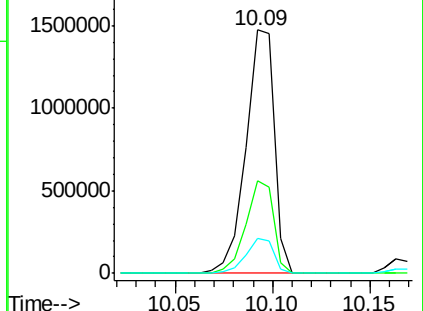
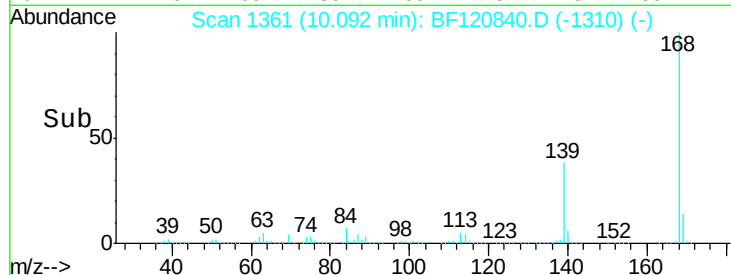
169 14.1 11.2 16.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 83.203 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.01 min

Lab File: BF120840.D

Acq: 10 Jul 2020 19:35

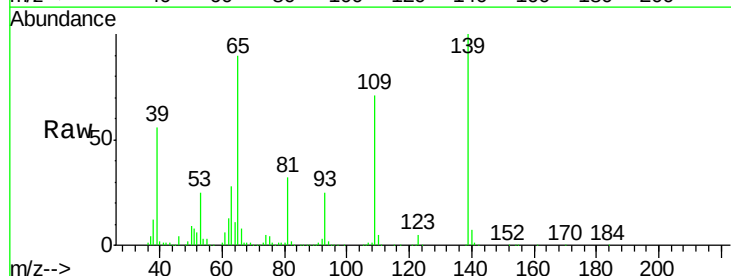
Tgt Ion:139 Resp: 430498

Ion Ratio Lower Upper

139 100

109 70.8 58.6 98.6

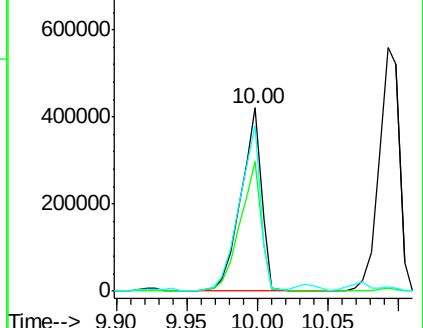
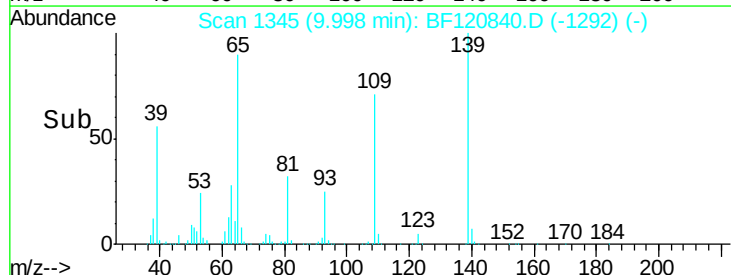
65 90.5 78.7 118.7

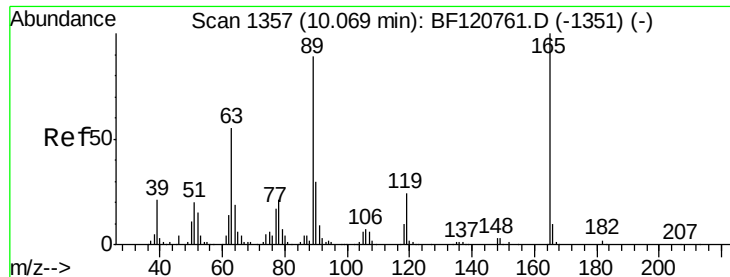


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 51.111 ng

RT: 10.07 min Scan# 1358

Delta R.T. 0.01 min

Lab File: BF120840.D

Acq: 10 Jul 2020 19:35

Instrument :

BNA_F

ClientSampleId :

MH1MSD

Tot Ion:165 Resp: 358096

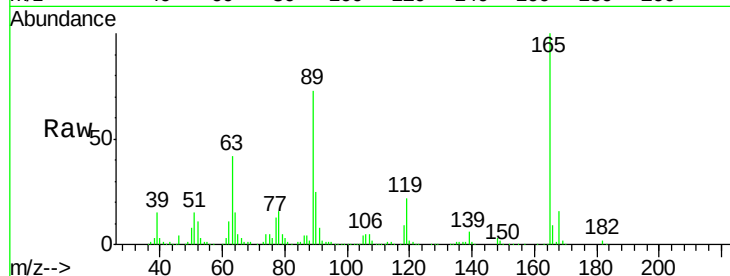
Ion Ratio Lower Upper

165 100

63 42.3 43.8 65.8#

89 72.6 71.4 107.2

182 2.4 1.8 2.6

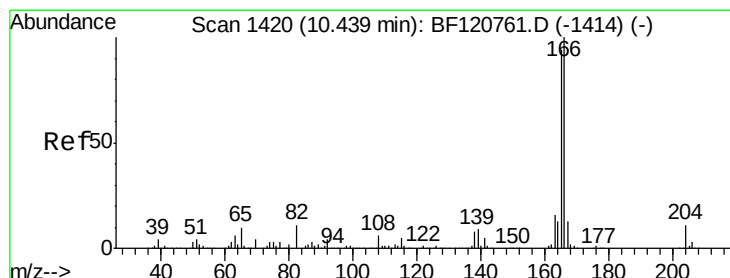
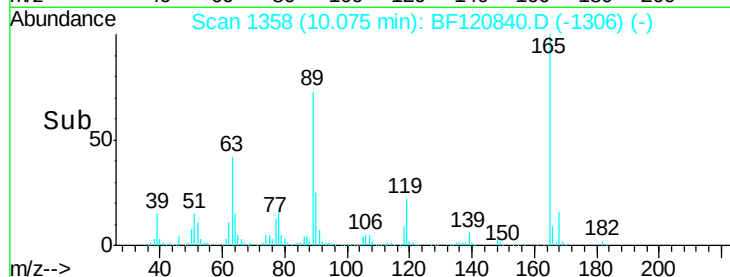
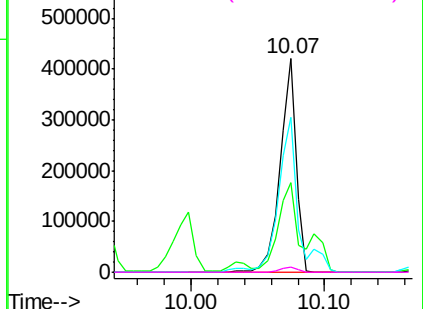


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 39.784 ng

RT: 10.44 min Scan# 1420

Delta R.T. 0.00 min

Lab File: BF120840.D

Acq: 10 Jul 2020 19:35

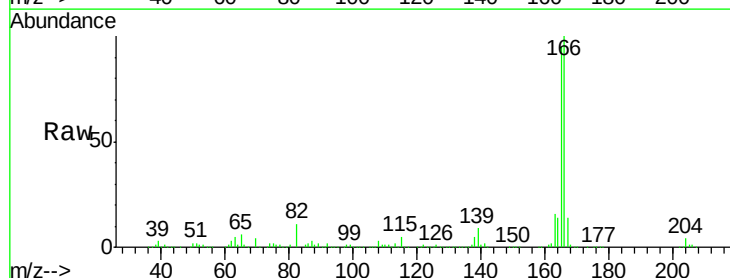
Tgt Ion:166 Resp: 1036533

Ion Ratio Lower Upper

166 100

165 94.6 75.5 113.3

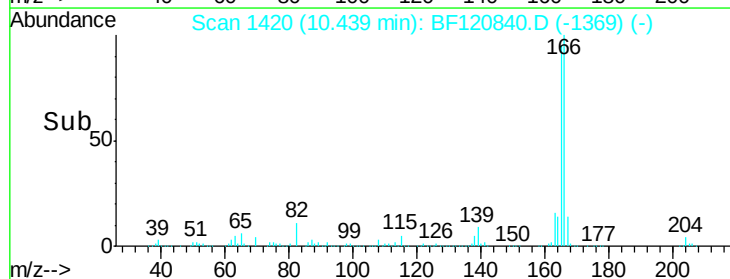
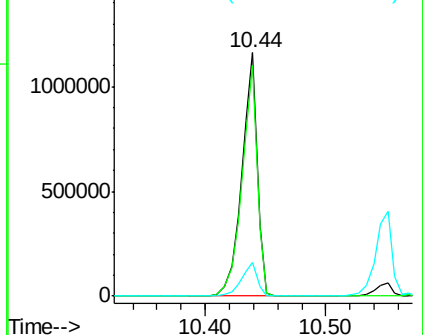
167 13.7 10.6 16.0

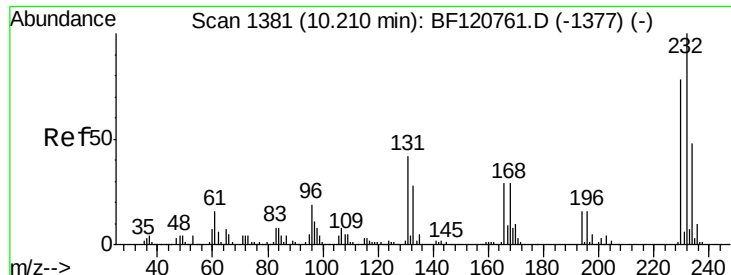


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

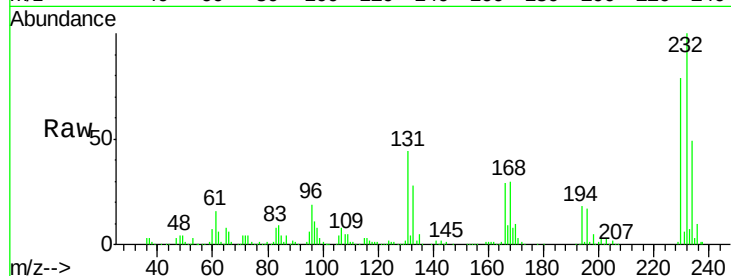




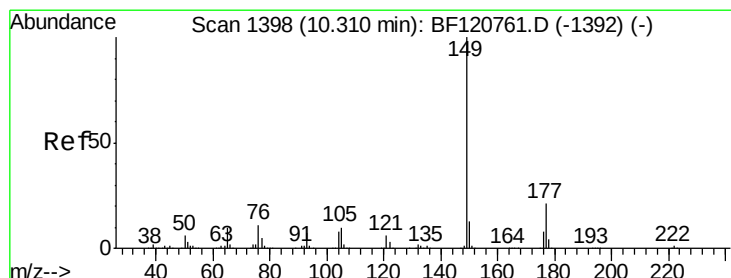
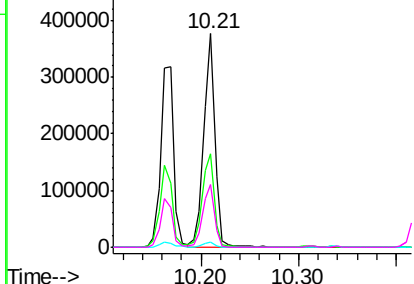
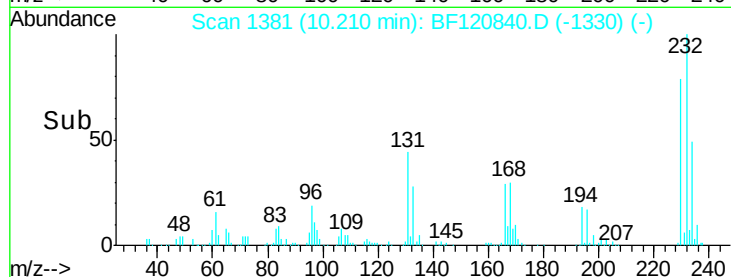
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.750 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: BF120840.D
 Acq: 10 Jul 2020 19:35

Instrument :
 BNA_F
 ClientSampleId :
 MH1MSD

Tot Ion:232 Resp: 300624
 Ion Ratio Lower Upper
 232 100
 131 47.0 36.3 54.5
 130 2.5 2.0 3.0
 166 30.7 20.9 31.3

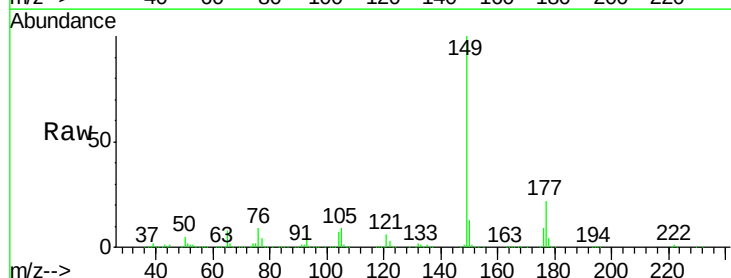


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

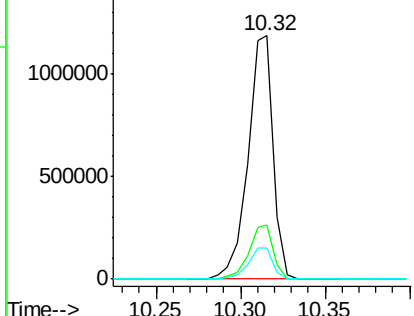
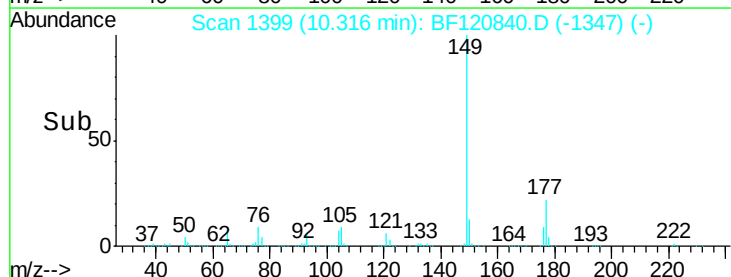


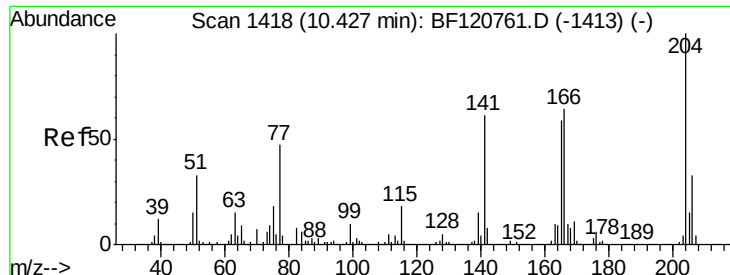
#60
 Diethylphthalate
 Concen: 41.855 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.01 min
 Lab File: BF120840.D
 Acq: 10 Jul 2020 19:35

Tgt Ion:149 Resp: 1228838
 Ion Ratio Lower Upper
 149 100
 177 22.2 16.4 24.6
 150 12.8 10.2 15.4



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

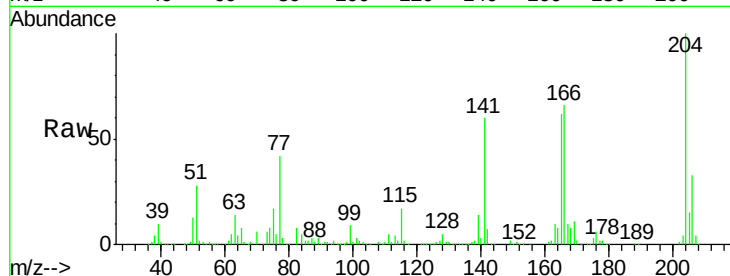




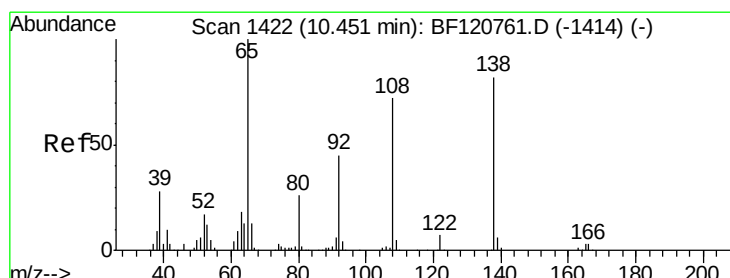
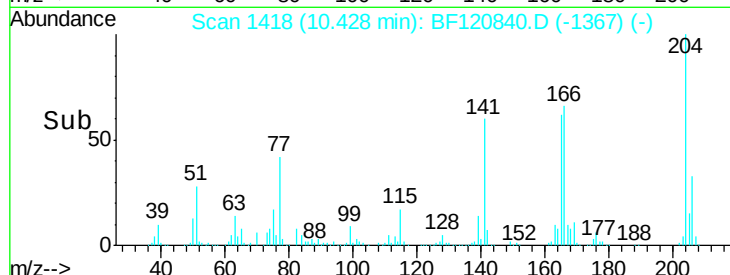
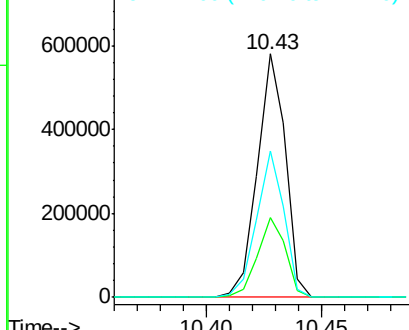
#61
4-Chlorophenyl-phenylether
Concen: 37.716 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF120840.D
Acq: 10 Jul 2020 19:35

Instrument :
BNA_F
ClientSampleId :
MH1MSD

Tot Ion:204 Resp: 493992
Ion Ratio Lower Upper
204 100
206 32.6 26.7 40.1
141 59.9 48.5 72.7

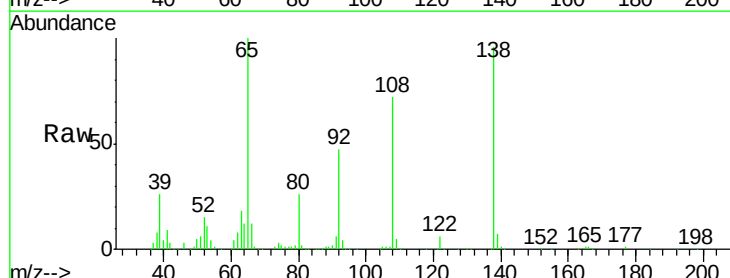


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

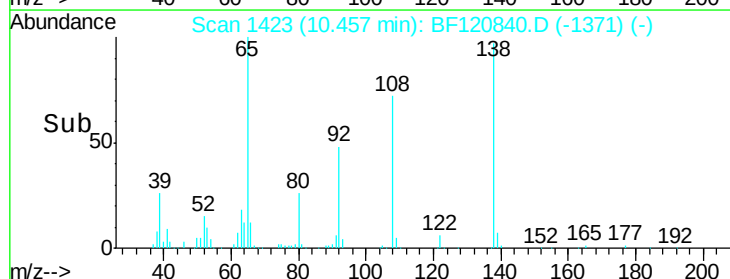
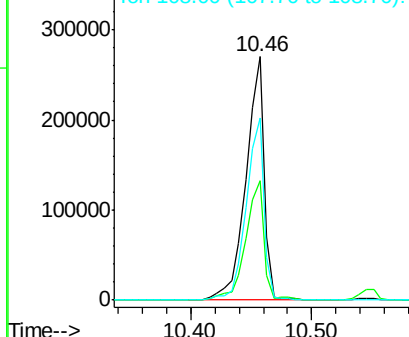


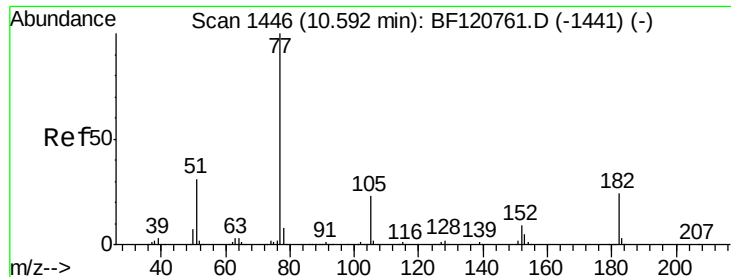
#62
4-Nitroaniline
Concen: 47.525 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF120840.D
Acq: 10 Jul 2020 19:35

Tgt Ion:138 Resp: 284590
Ion Ratio Lower Upper
138 100
92 49.2 34.3 74.3
108 74.8 68.3 108.3



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





#63

Azobenzene

Concen: 39.342 ng

RT: 10.59 min Scan# 1446

Delta R.T. 0.00 min

Lab File: BF120840.D

Acq: 10 Jul 2020 19:35

Instrument :

BNA_F

ClientSampleId :

MH1MSD

Tot Ion: 77 Resp: 1181568

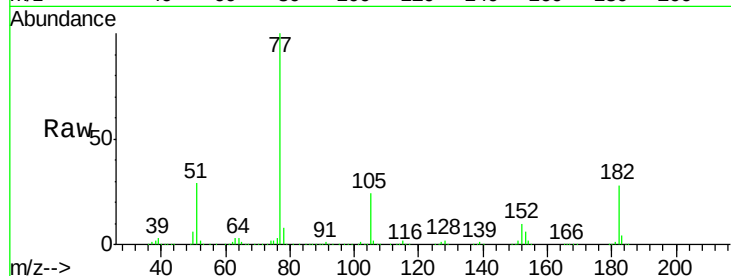
Ion Ratio Lower Upper

77 100

182 28.4 4.0 44.0

105 24.1 2.6 42.6

51 29.3 11.5 51.5

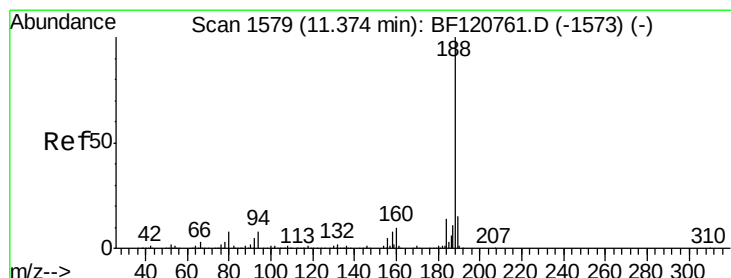
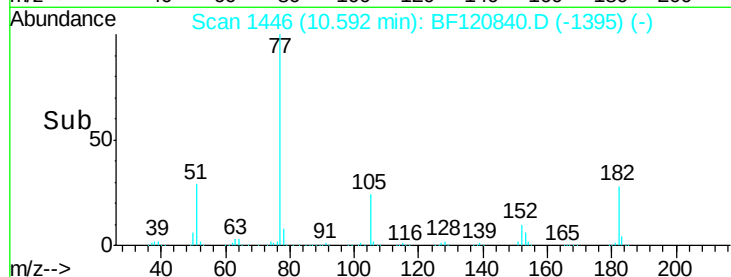
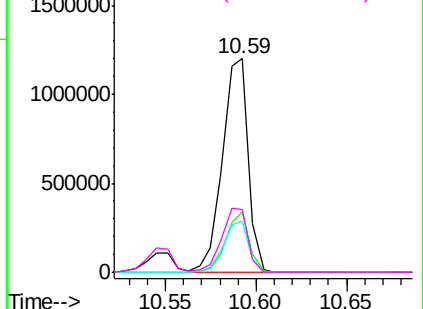


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1579

Delta R.T. 0.00 min

Lab File: BF120840.D

Acq: 10 Jul 2020 19:35

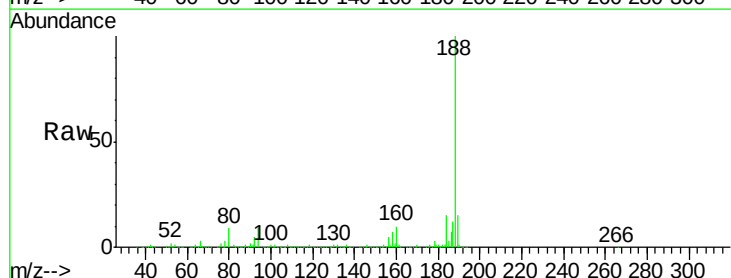
Tgt Ion: 188 Resp: 704591

Ion Ratio Lower Upper

188 100

94 8.5 6.6 9.8

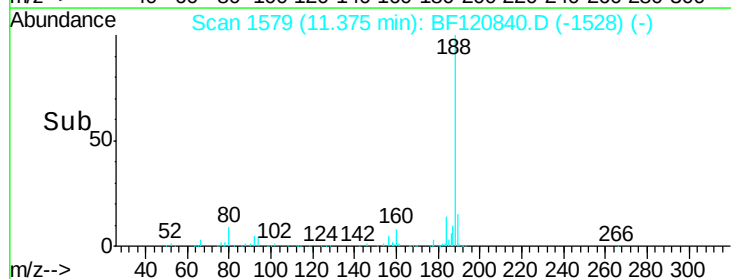
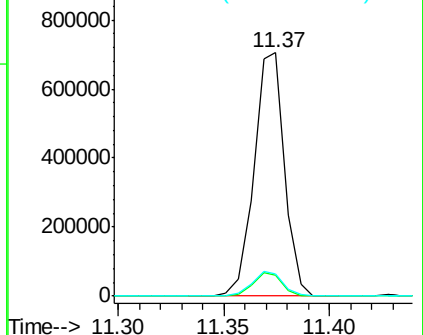
80 9.1 6.6 10.0

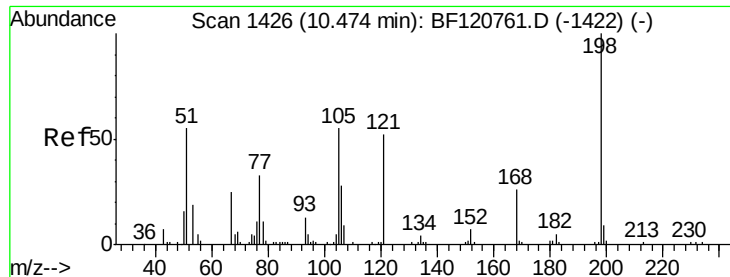


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

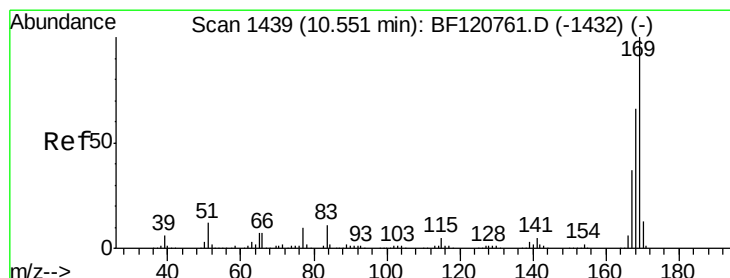
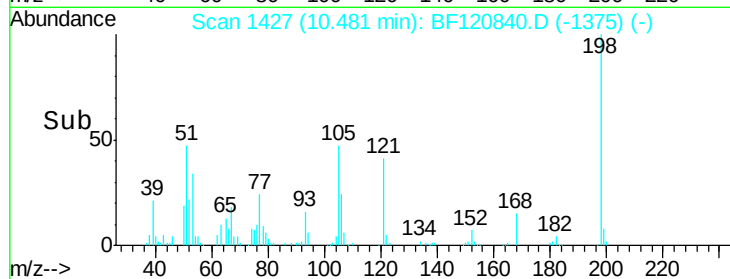
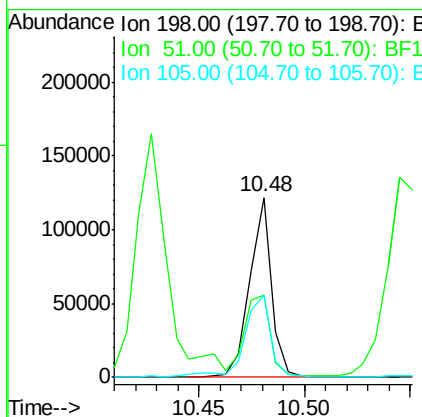
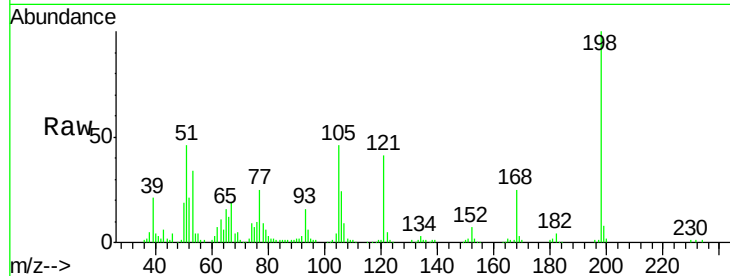




#65
4,6-Dinitro-2-methylphenol
Concen: 32.241 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF120840.D
Acq: 10 Jul 2020 19:35

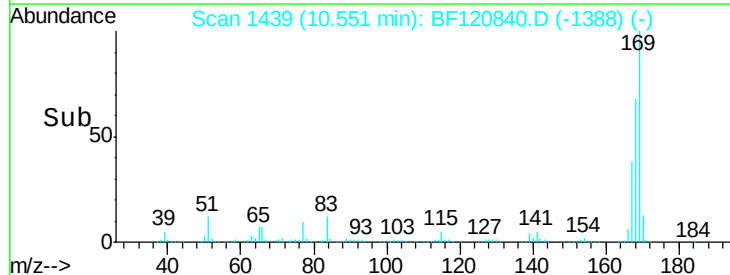
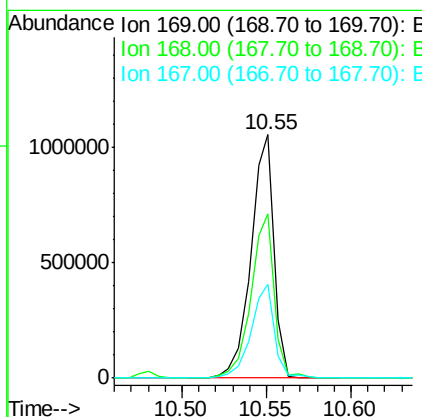
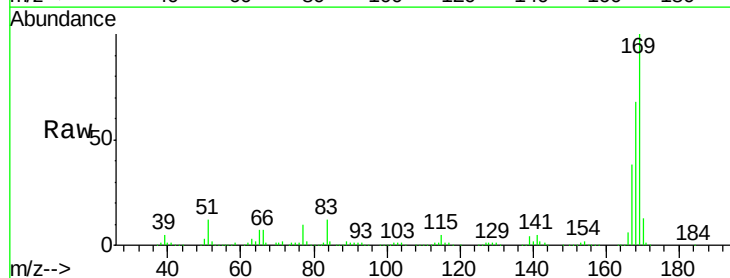
Instrument :
BNA_F
ClientSampleId :
MH1MSD

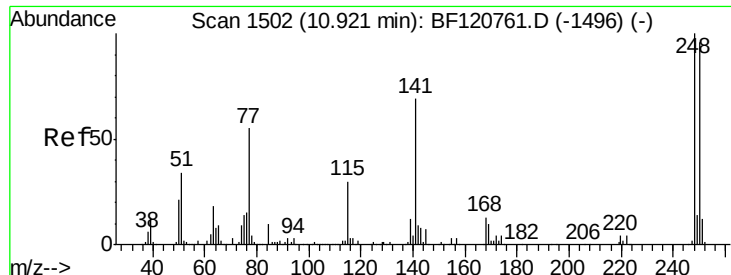
Tot Ion:198 Resp: 87546
Ion Ratio Lower Upper
198 100
51 45.8 50.0 90.0#
105 45.6 38.3 78.3



#66
n-Nitrosodiphenylamine
Concen: 42.621 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF120840.D
Acq: 10 Jul 2020 19:35

Tgt Ion:169 Resp: 1006547
Ion Ratio Lower Upper
169 100
168 67.6 53.1 79.7
167 38.4 29.6 44.4

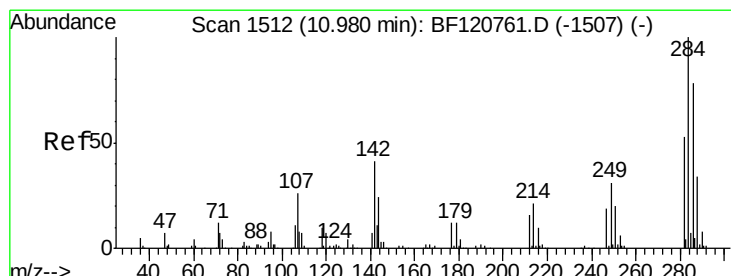
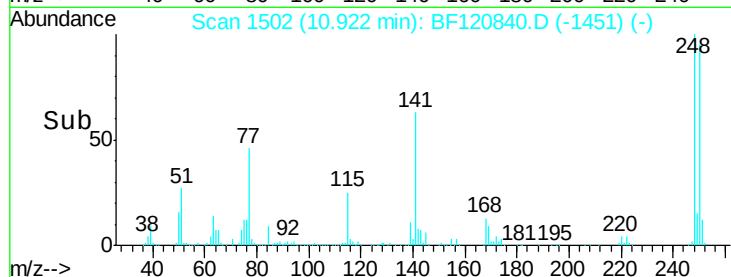
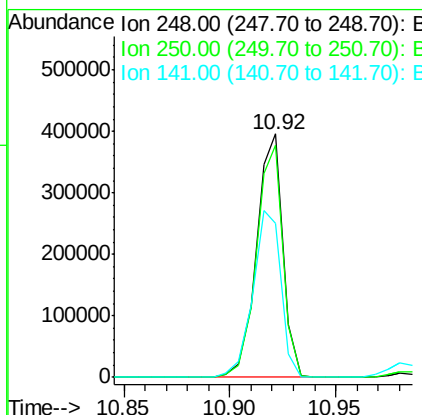
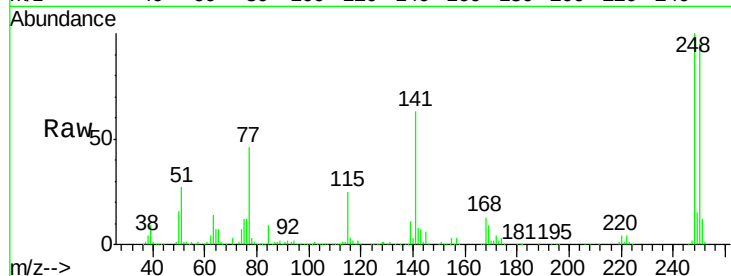




#67
4-Bromophenyl-phenylether
Concen: 42.065 ng
RT: 10.92 min Scan# 1502
Delta R.T. 0.00 min
Lab File: BF120840.D
Acq: 10 Jul 2020 19:35

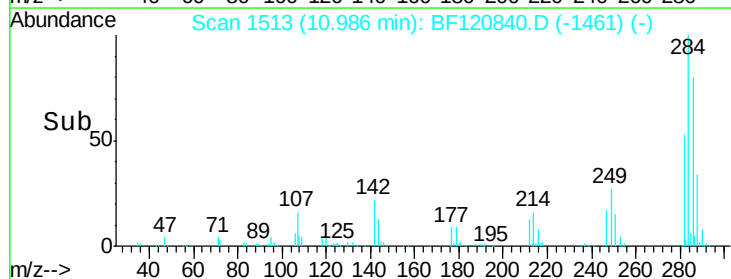
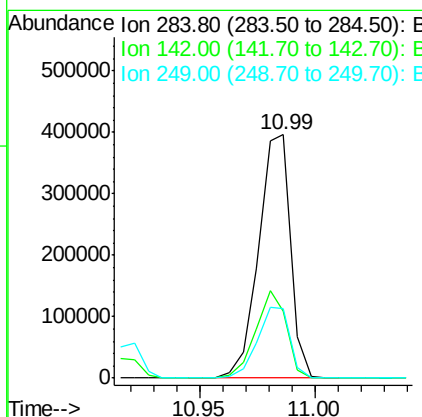
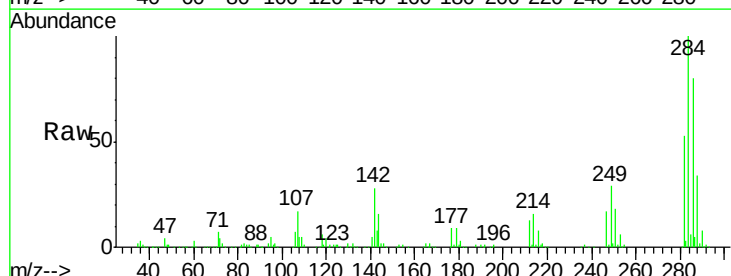
Instrument :
BNA_F
ClientSampled :
MH1MSD

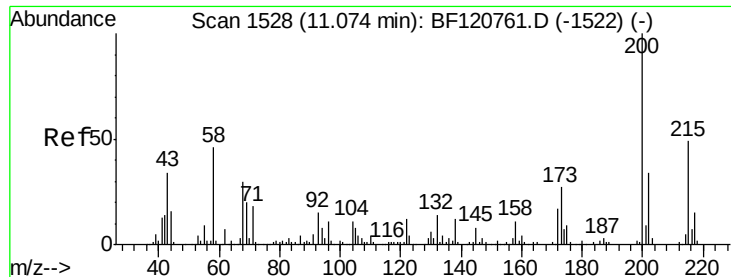
Tot Ion:248 Resp: 343805
Ion Ratio Lower Upper
248 100
250 95.2 76.5 114.7
141 63.3 54.9 82.3



#68
Hexachlorobenzene
Concen: 44.556 ng
RT: 10.99 min Scan# 1513
Delta R.T. 0.01 min
Lab File: BF120840.D
Acq: 10 Jul 2020 19:35

Tgt Ion:284 Resp: 382144
Ion Ratio Lower Upper
284 100
142 27.7 32.5 48.7#
249 28.5 24.8 37.2





#69

Atrazine

Concen: 46.267 ng

RT: 11.07 min Scan# 1528

Delta R.T. 0.00 min

Lab File: BF120840.D

Acq: 10 Jul 2020 19:35

Instrument :

BNA_F

ClientSampleId :

MH1MSD

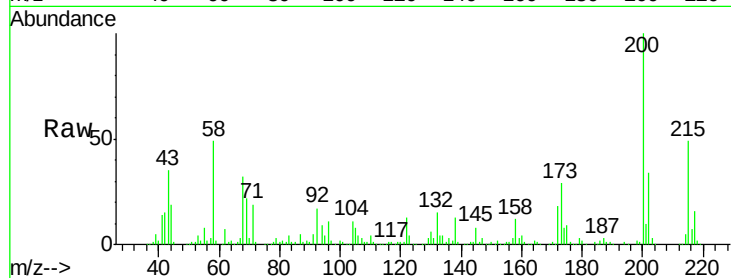
Tot Ion:200 Resp: 281492

Ion Ratio Lower Upper

200 100

173 28.6 7.4 47.4

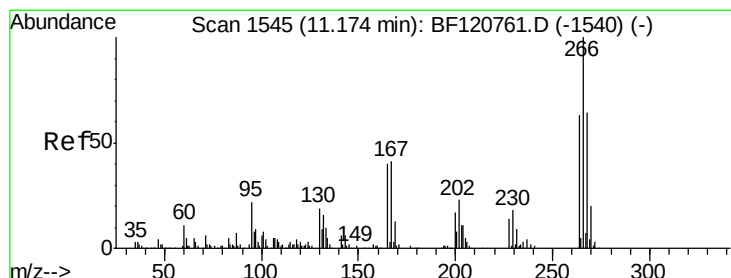
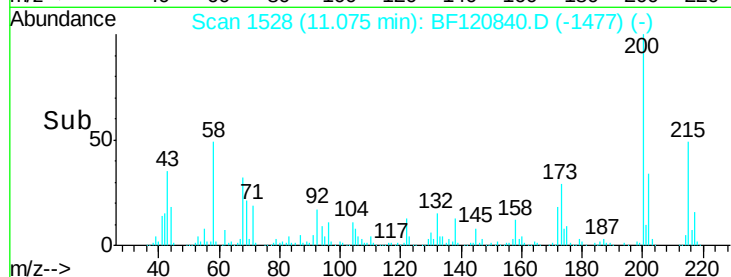
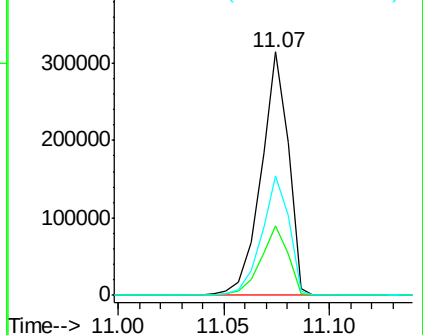
215 49.2 28.8 68.8



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: 75.576 ng

RT: 11.17 min Scan# 1545

Delta R.T. 0.00 min

Lab File: BF120840.D

Acq: 10 Jul 2020 19:35

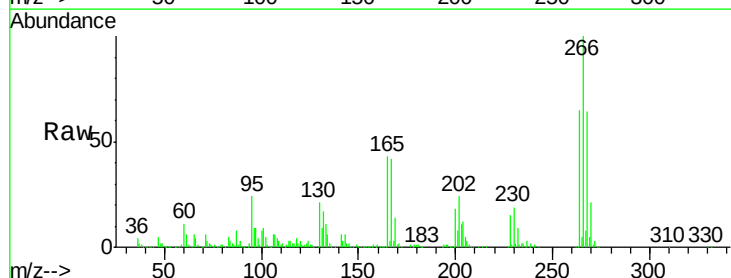
Tgt Ion:266 Resp: 366728

Ion Ratio Lower Upper

266 100

268 63.8 51.4 77.2

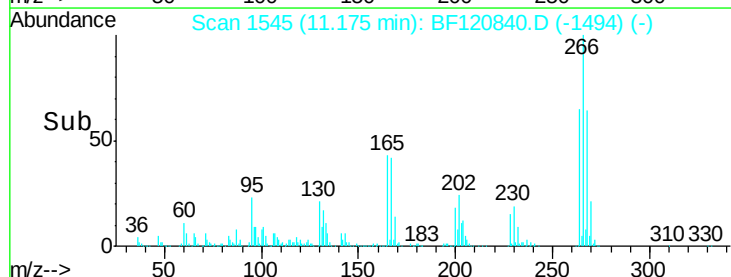
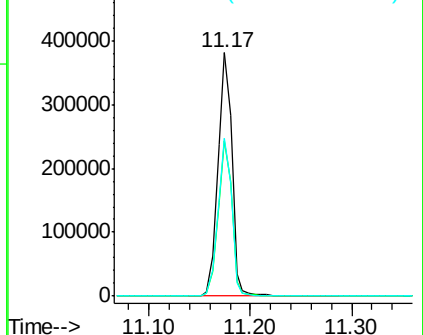
264 64.6 50.6 75.8

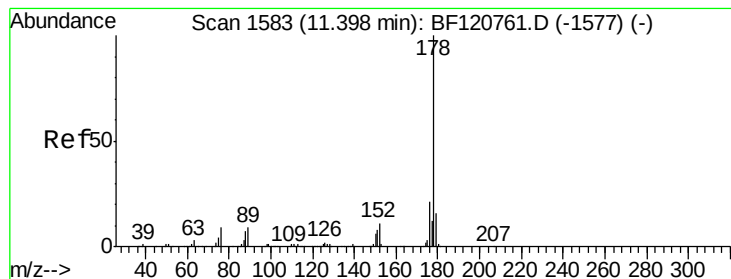


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 45.384 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BF120840.D

Acq: 10 Jul 2020 19:35

Instrument :

BNA_F

ClientSampleId :

MH1MSD

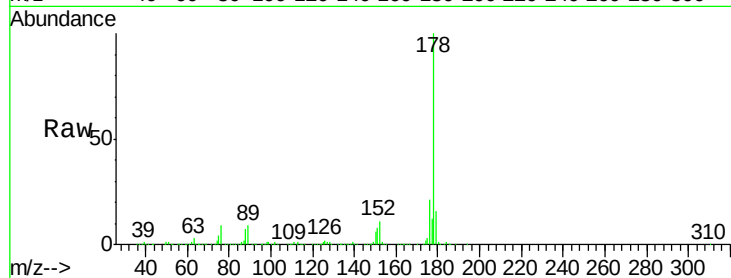
Tot Ion:178 Resp: 1735035

Ion Ratio Lower Upper

178 100

176 20.9 16.4 24.6

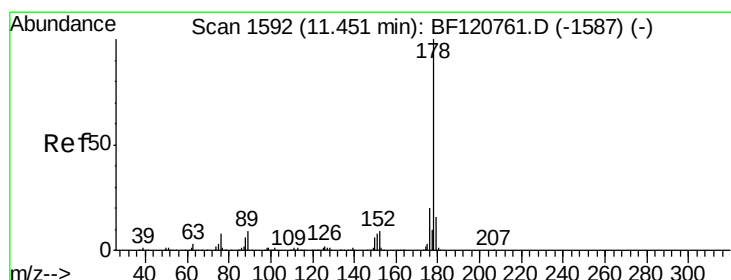
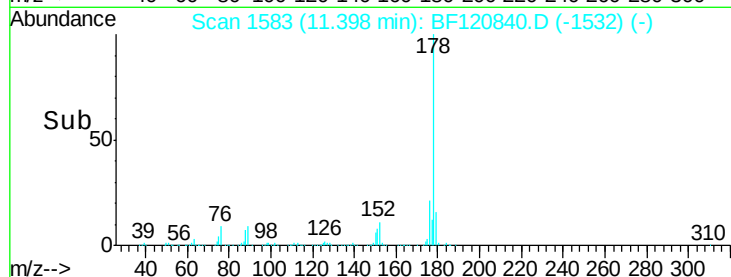
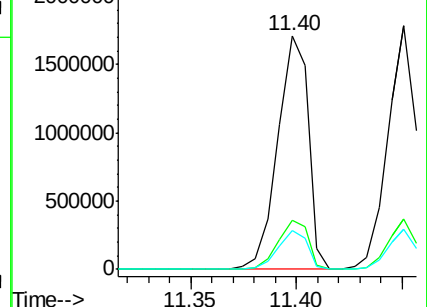
179 16.4 12.9 19.3



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: 42.579 ng

RT: 11.45 min Scan# 1592

Delta R.T. 0.00 min

Lab File: BF120840.D

Acq: 10 Jul 2020 19:35

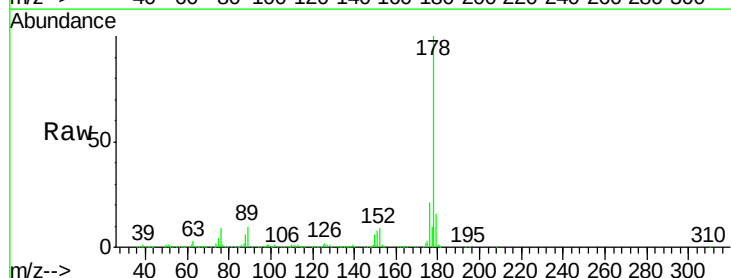
Tgt Ion:178 Resp: 1644889

Ion Ratio Lower Upper

178 100

176 20.6 16.2 24.2

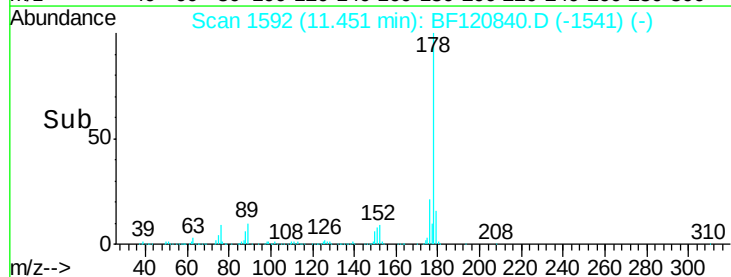
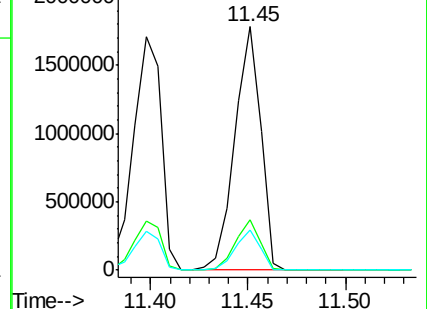
179 16.5 12.7 19.1

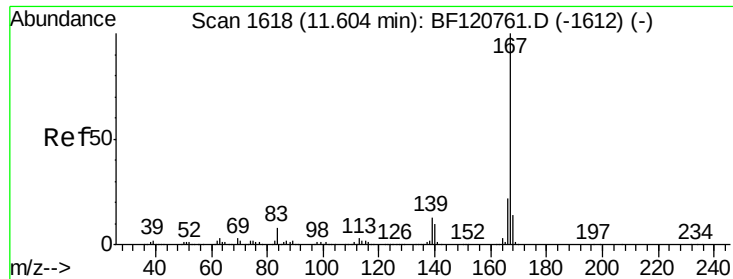


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

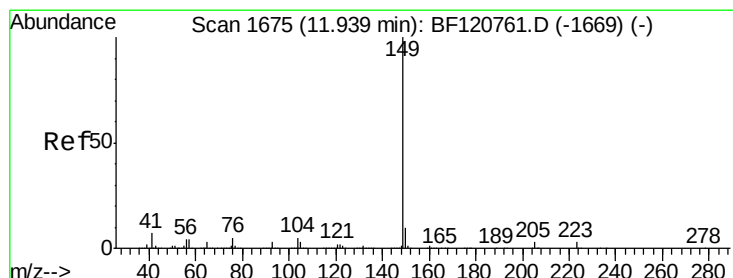
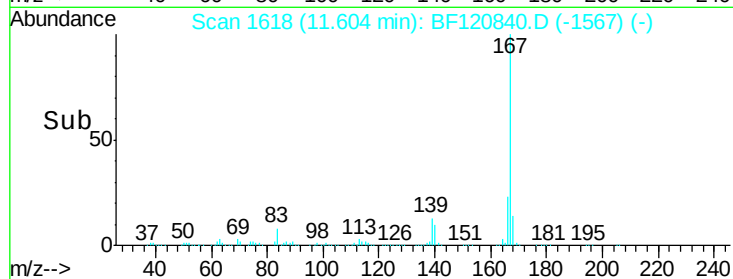
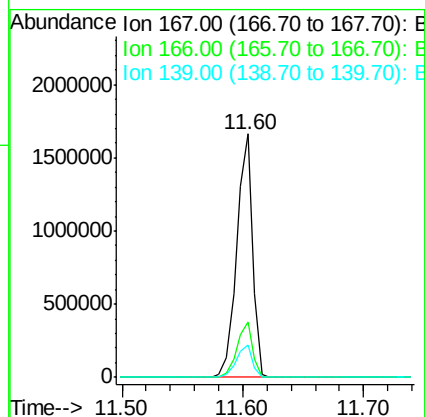
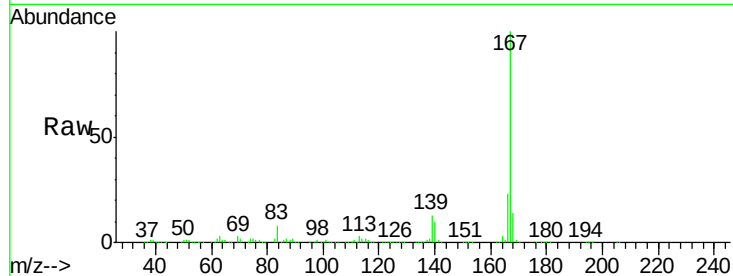




#73
 Carbazole
 Concen: 41.051 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. 0.00 min
 Lab File: BF120840.D
 Acq: 10 Jul 2020 19:35

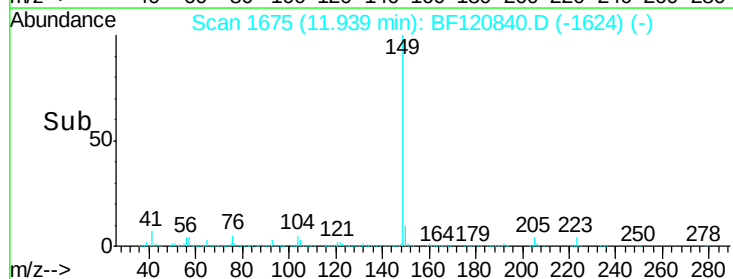
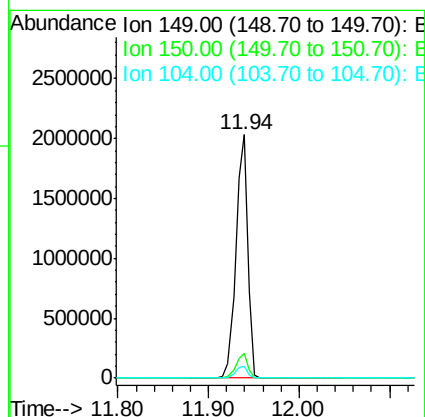
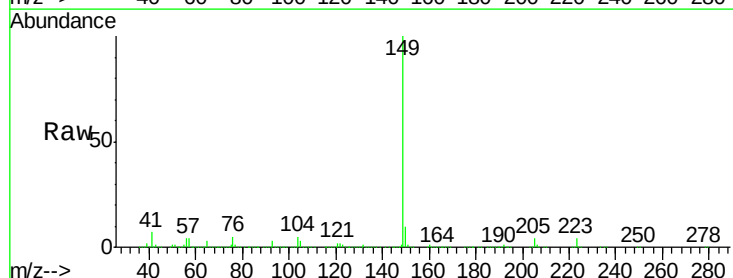
Instrument :
 BNA_F
 ClientSampleId :
 MH1MSD

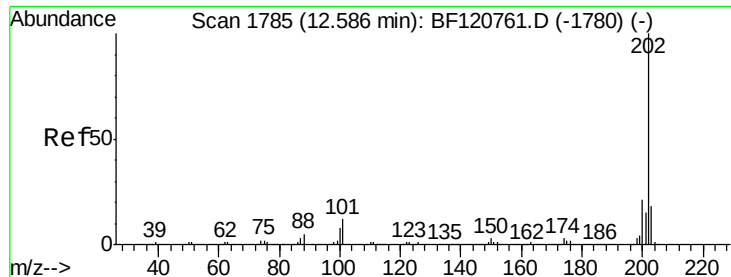
Tot Ion:167 Resp: 1523982
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.8 26.8
 139 13.1 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 40.666 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. 0.00 min
 Lab File: BF120840.D
 Acq: 10 Jul 2020 19:35

Tgt Ion:149 Resp: 1869108
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.7 11.5
 104 5.0 4.0 6.0





#75

Fluoranthene

Concen: 49.950 ng

RT: 12.59 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF120840.D

Acq: 10 Jul 2020 19:35

Instrument :

BNA_F

ClientSampleId :

MH1MSD

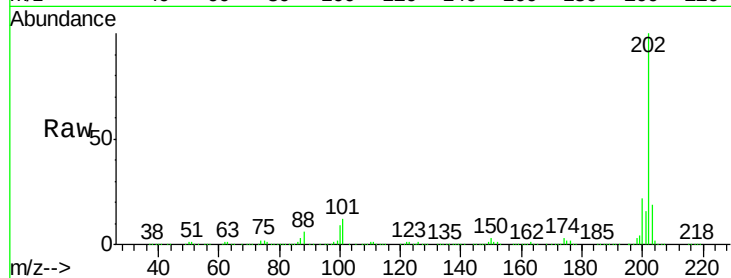
Tot Ion:202 Resp: 2034251

Ion Ratio Lower Upper

202 100

101 12.2 0.0 31.6

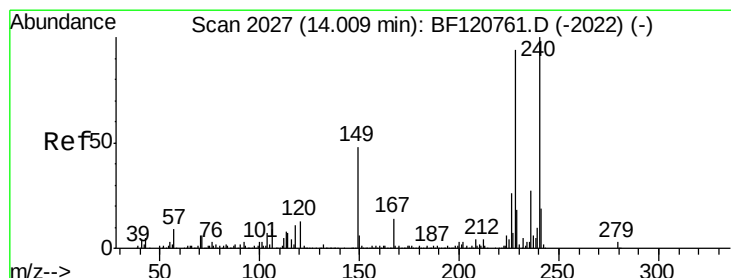
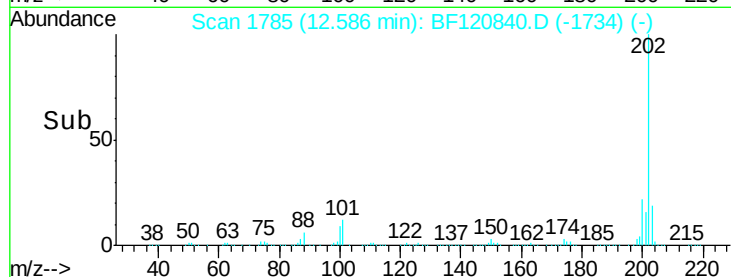
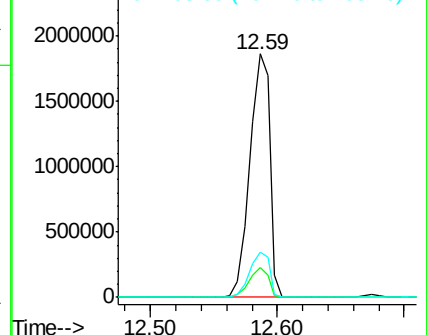
203 18.7 0.0 38.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.01 min

Lab File: BF120840.D

Acq: 10 Jul 2020 19:35

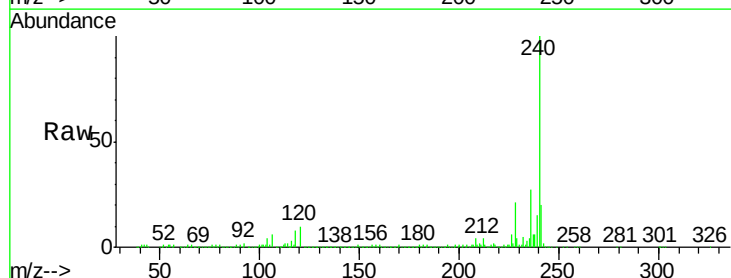
Tgt Ion:240 Resp: 484352

Ion Ratio Lower Upper

240 100

120 10.0 10.3 15.5#

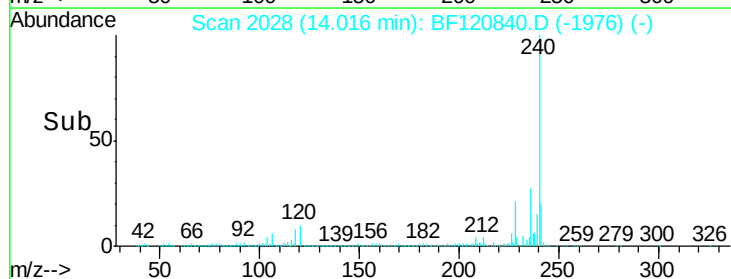
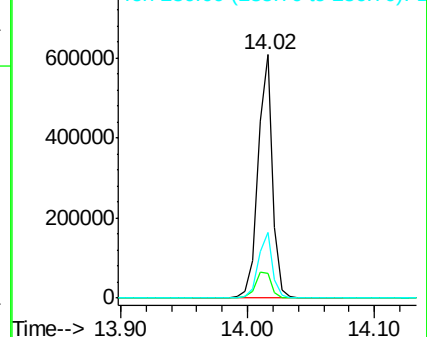
236 26.9 21.4 32.2

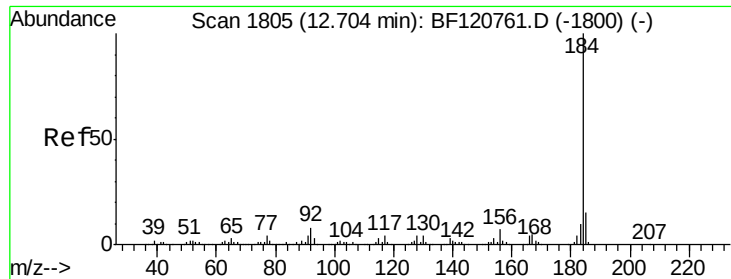


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 48.281 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.00 min

Lab File: BF120840.D

Acq: 10 Jul 2020 19:35

Instrument :

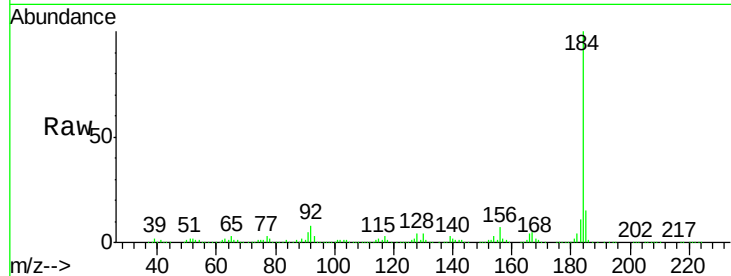
BNA_F

ClientSampleId :

MH1MSD

Tot Ion:184 Resp: 660057

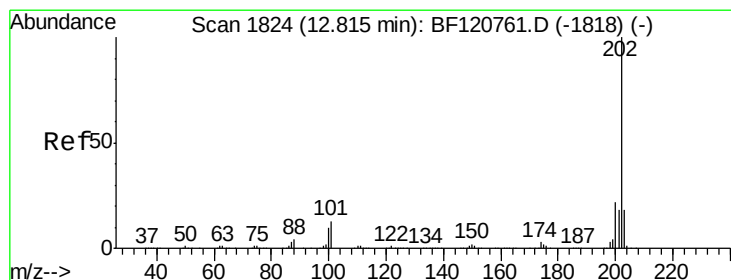
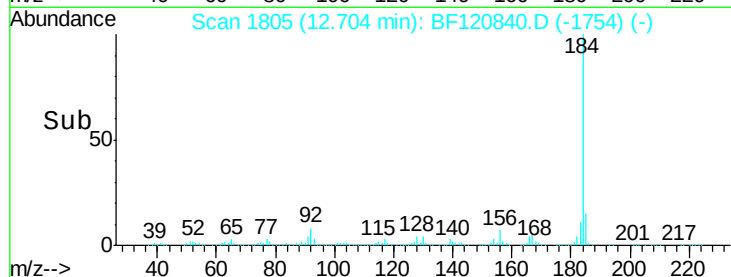
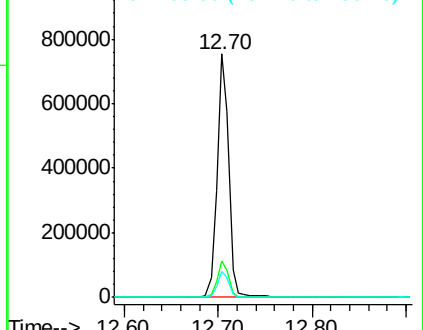
Ion	Ratio	Lower	Upper
184	100		
185	14.8	11.8	17.8
183	10.8	8.3	12.5



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 52.297 ng

RT: 12.82 min Scan# 1824

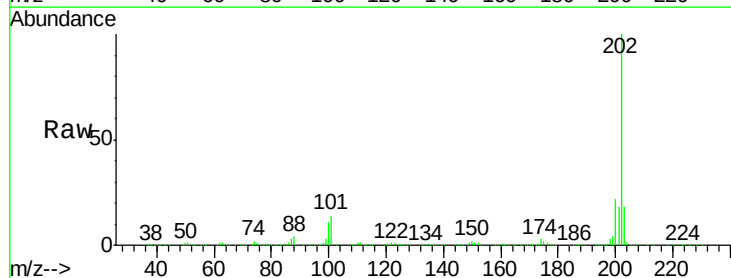
Delta R.T. 0.00 min

Lab File: BF120840.D

Acq: 10 Jul 2020 19:35

Tgt Ion:202 Resp: 2022992

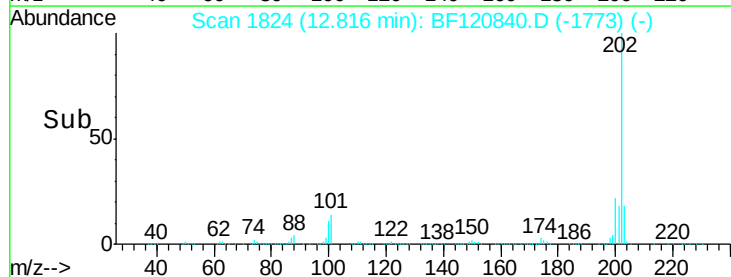
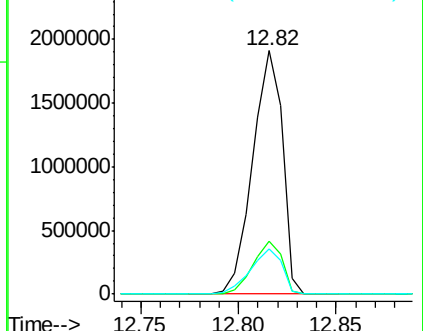
Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.3	25.9
203	18.3	14.6	22.0

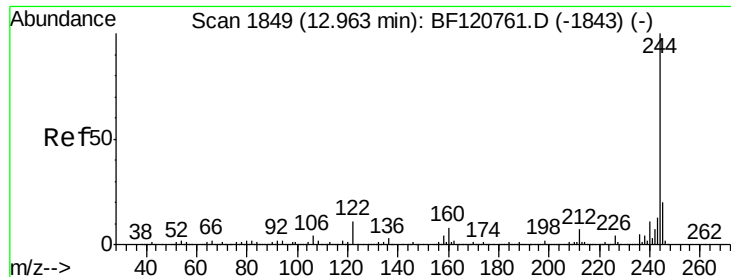


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 76.362 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.00 min

Lab File: BF120840.D

Acq: 10 Jul 2020 19:35

Instrument :

BNA_F

ClientSampleId :

MH1MSD

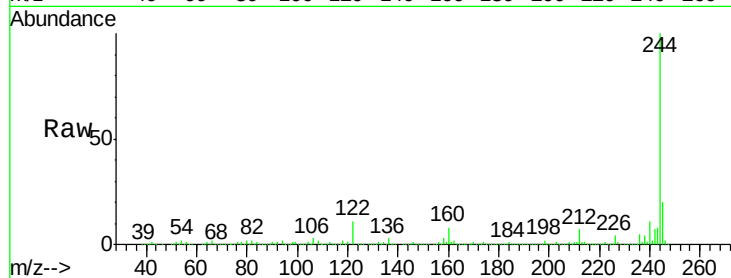
Tot Ion:244 Resp: 1889091

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

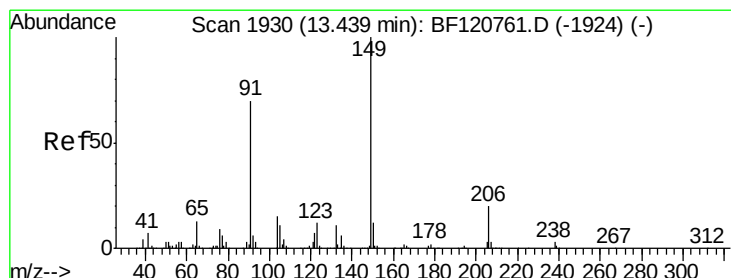
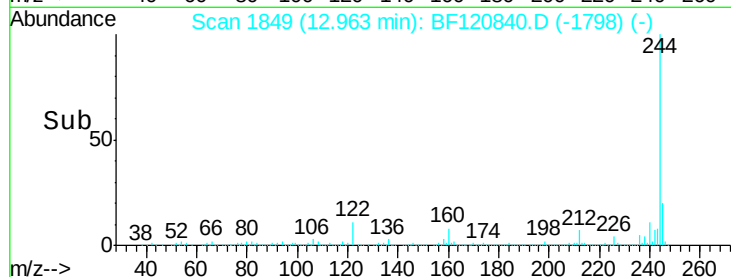
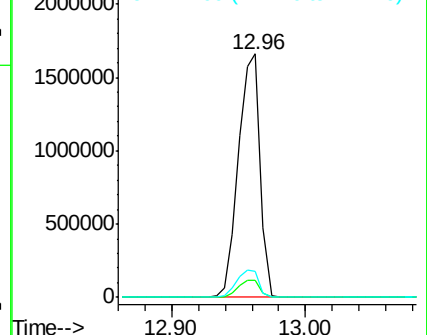
122 10.7 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 48.364 ng

RT: 13.44 min Scan# 1930

Delta R.T. 0.00 min

Lab File: BF120840.D

Acq: 10 Jul 2020 19:35

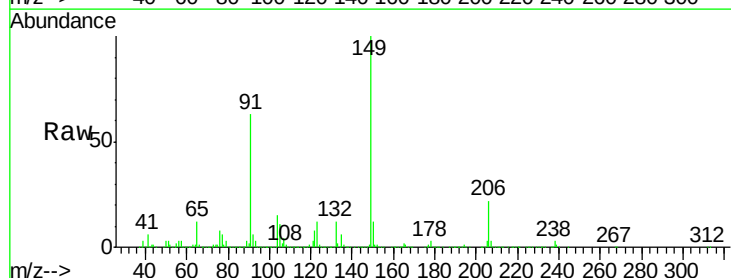
Tgt Ion:149 Resp: 807725

Ion Ratio Lower Upper

149 100

91 63.4 55.8 83.8

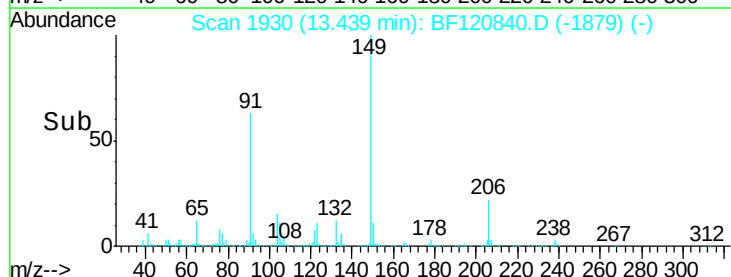
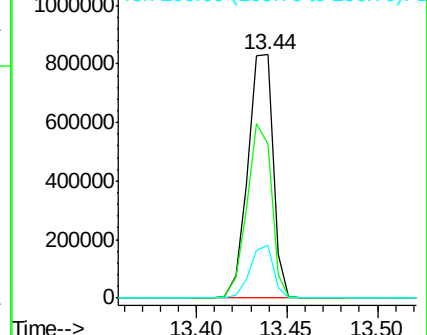
206 21.9 15.7 23.5

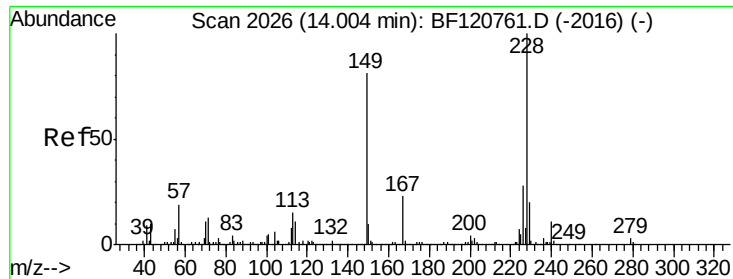


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 45.080 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.00 min

Lab File: BF120840.D

Acq: 10 Jul 2020 19:35

Instrument :

BNA_F

ClientSampleId :

MH1MSD

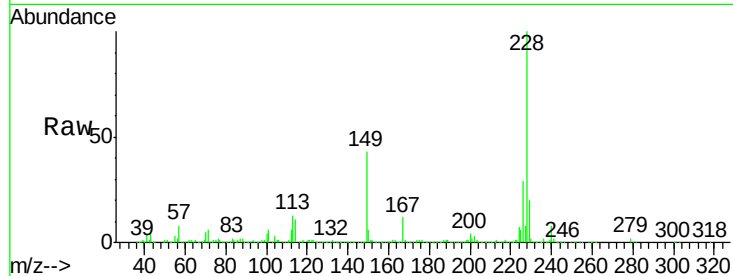
Tot Ion:228 Resp: 1399646

Ion Ratio Lower Upper

228 100

226 29.1 22.6 33.8

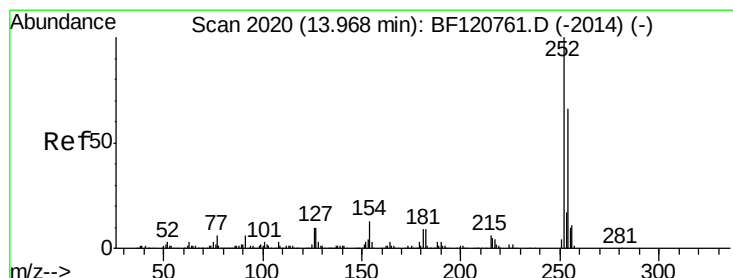
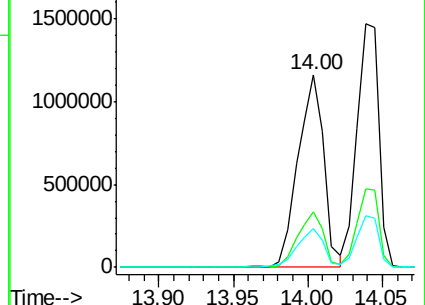
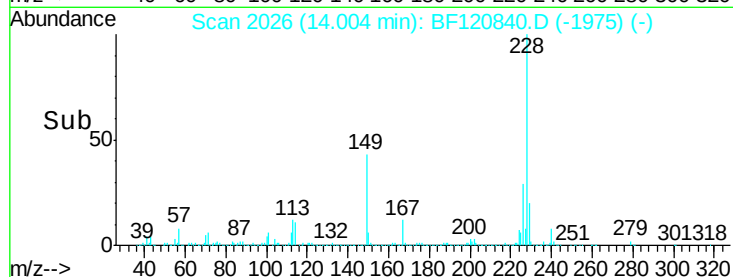
229 20.1 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 36.956 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BF120840.D

Acq: 10 Jul 2020 19:35

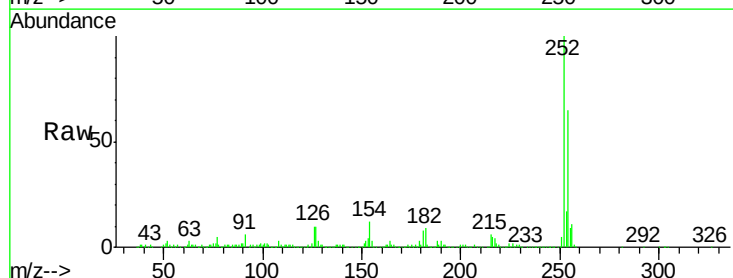
Tgt Ion:252 Resp: 387206

Ion Ratio Lower Upper

252 100

254 65.0 52.6 78.8

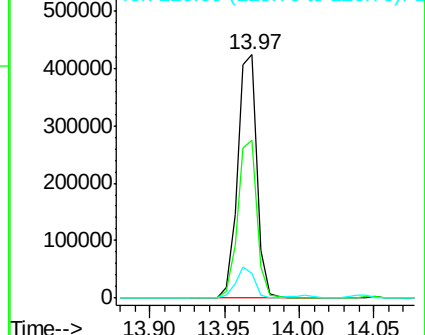
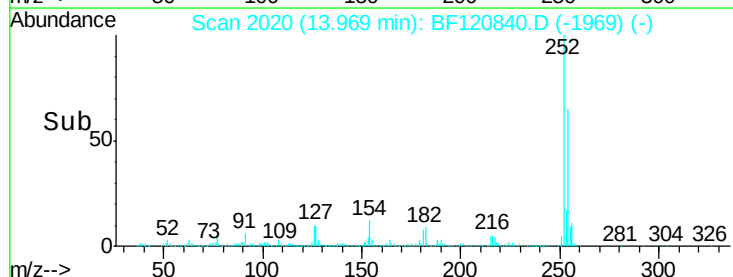
126 10.0 7.8 11.8

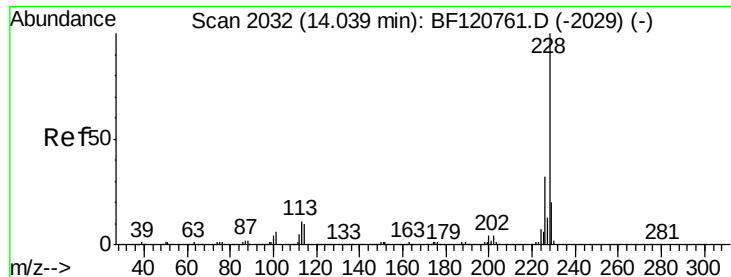


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 47.524 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.00 min

Lab File: BF120840.D

Acq: 10 Jul 2020 19:35

Instrument :

BNA_F

ClientSampleId :

MH1MSD

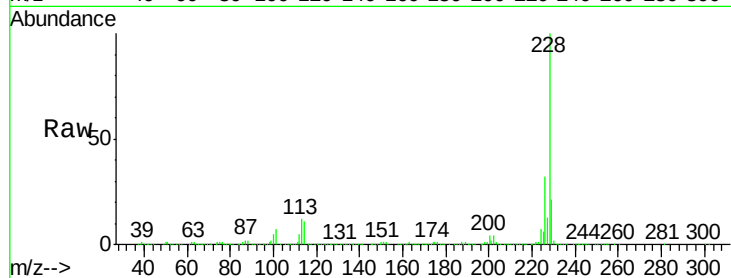
Tot Ion:228 Resp: 1505054

Ion Ratio Lower Upper

228 100

226 32.0 25.7 38.5

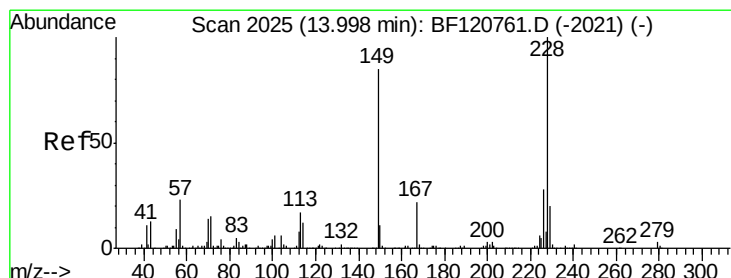
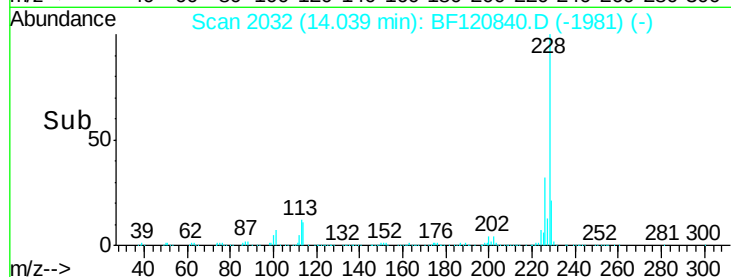
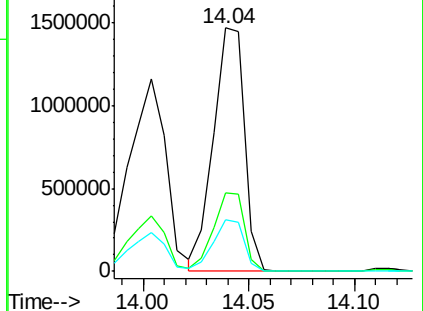
229 21.1 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.907 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF120840.D

Acq: 10 Jul 2020 19:35

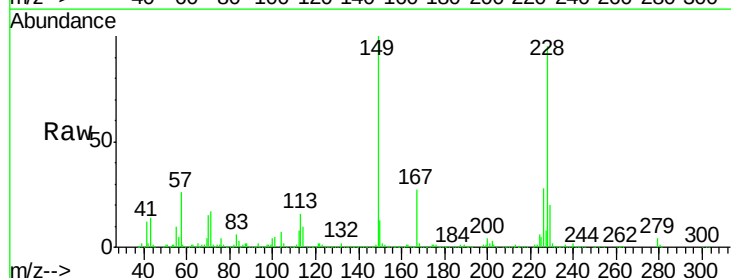
Tgt Ion:149 Resp: 895875

Ion Ratio Lower Upper

149 100

167 27.3 20.9 31.3

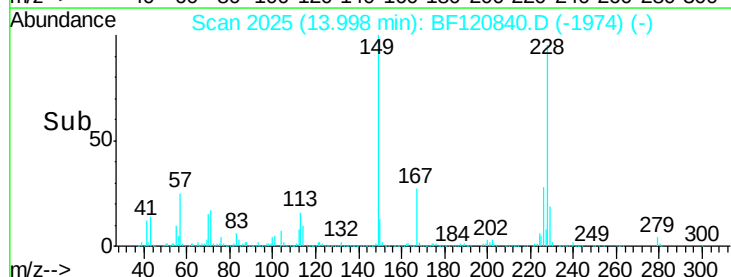
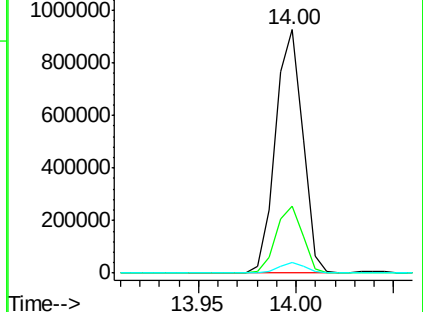
279 4.4 2.6 4.0#

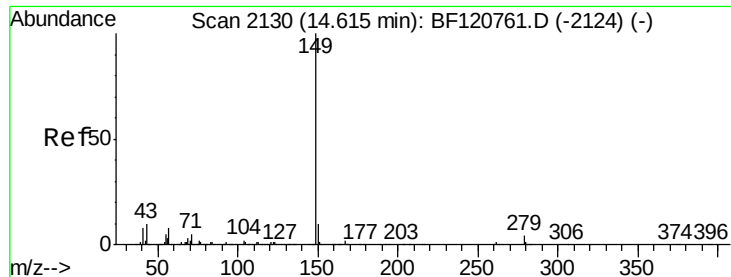


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 47.821 ng

RT: 14.61 min Scan# 2129

Delta R.T. -0.01 min

Lab File: BF120840.D

Acq: 10 Jul 2020 19:35

Instrument :

BNA_F

ClientSampleId :

MH1MSD

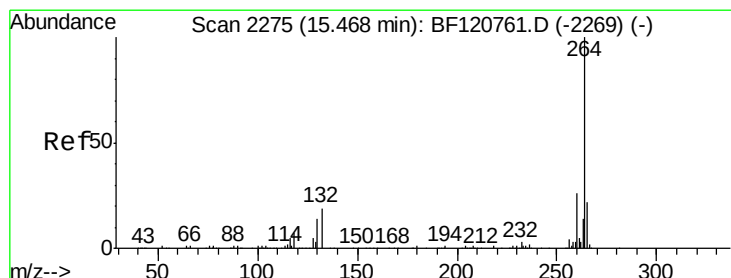
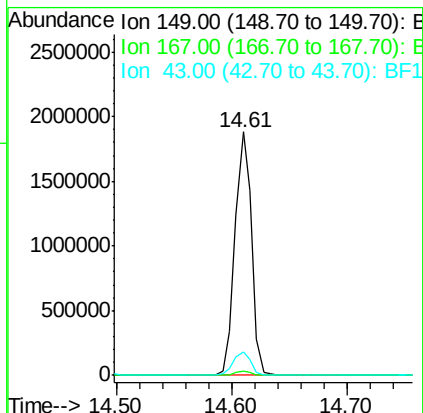
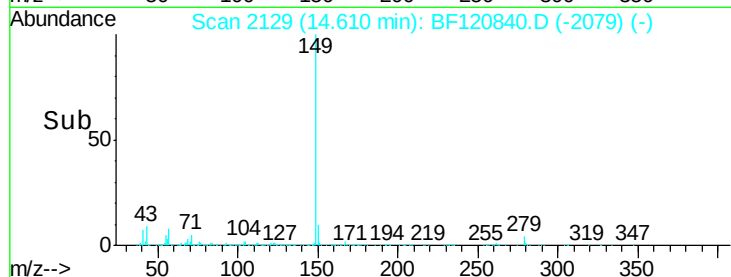
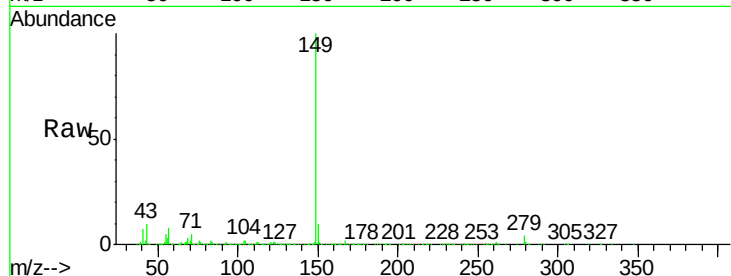
Tot Ion:149 Resp: 1852800

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 9.7 8.7 13.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2275

Delta R.T. 0.00 min

Lab File: BF120840.D

Acq: 10 Jul 2020 19:35

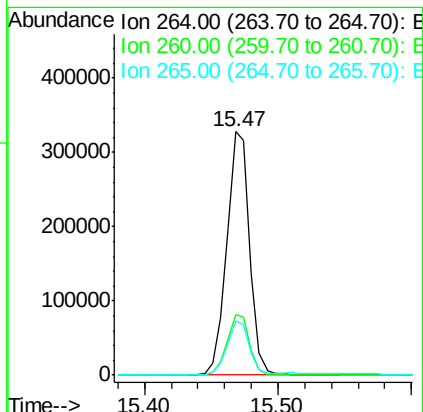
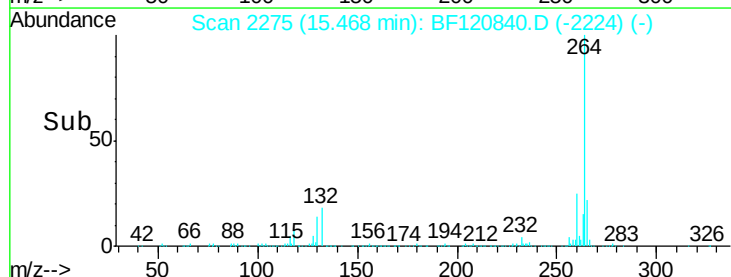
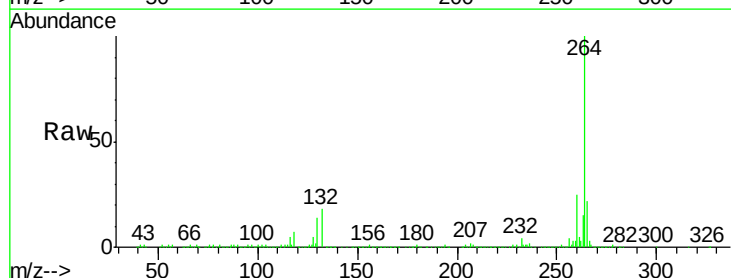
Tgt Ion:264 Resp: 395148

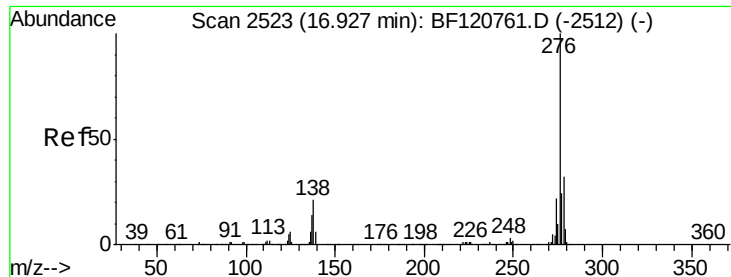
Ion Ratio Lower Upper

264 100

260 24.9 20.6 30.8

265 22.1 17.6 26.4



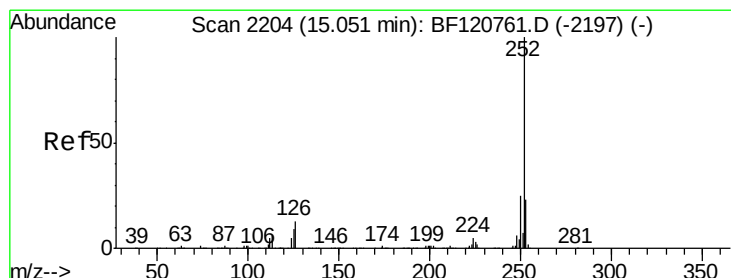
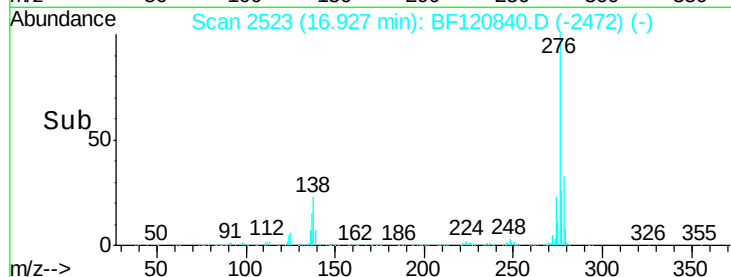
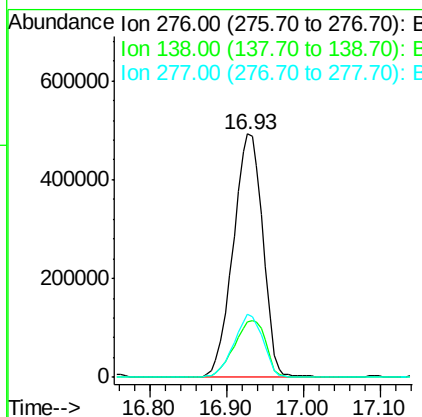
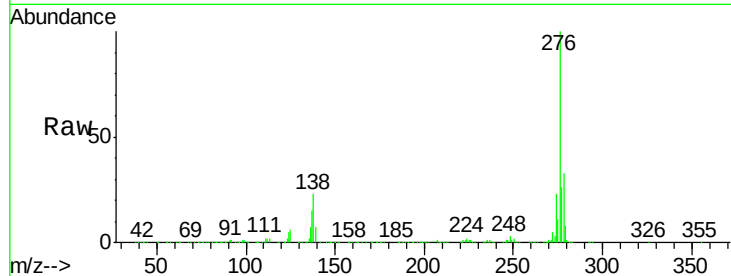


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 52.167 ng
 RT: 16.93 min Scan# 2523
 Delta R.T. 0.00 min
 Lab File: BF120840.D
 Acq: 10 Jul 2020 19:35

Instrument :
 BNA_F
 ClientSampleId :
 MH1MSD

Tot Ion:276 Resp: 1322177

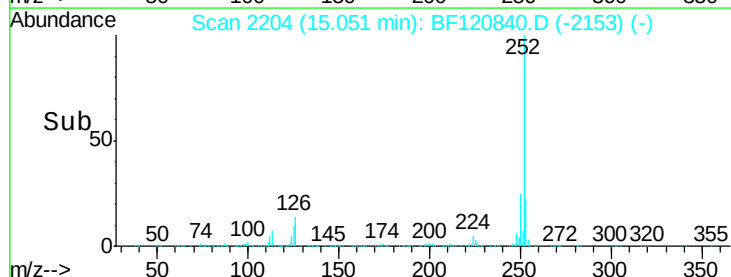
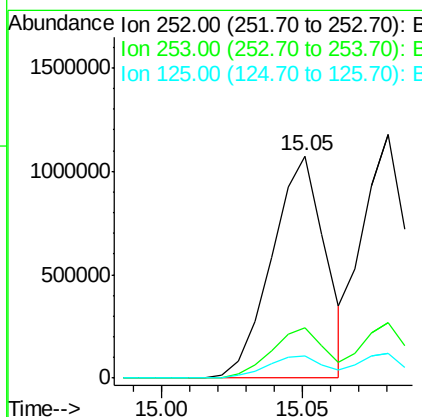
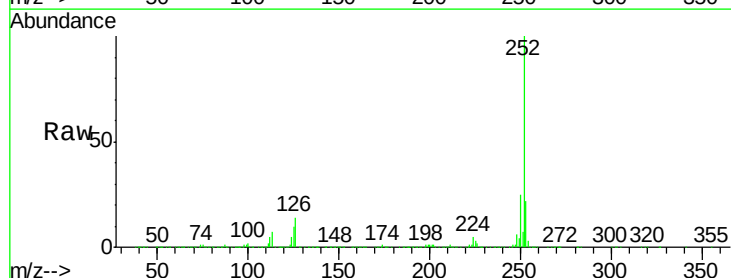
Ion	Ratio	Lower	Upper
276	100		
138	25.0	19.8	29.8
277	25.2	19.9	29.9

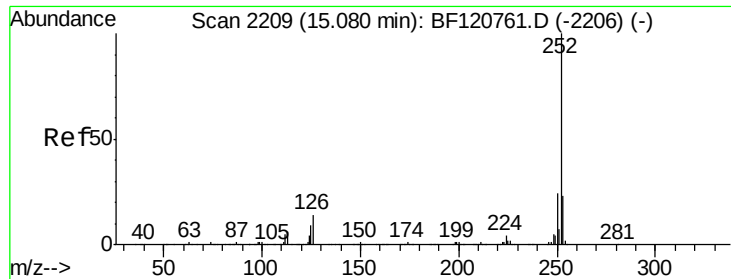


#88
 Benzo(b)fluoranthene
 Concen: 54.246 ng
 RT: 15.05 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: BF120840.D
 Acq: 10 Jul 2020 19:35

Tgt Ion:252 Resp: 1409208

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	10.0	7.5	11.3

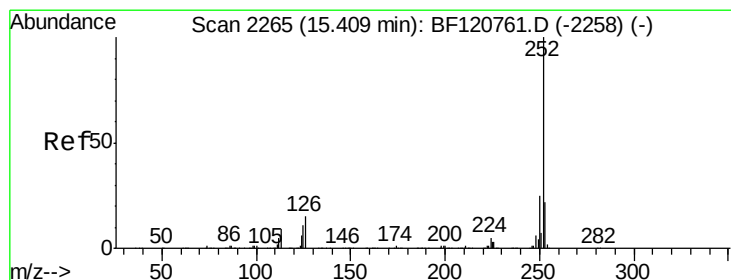
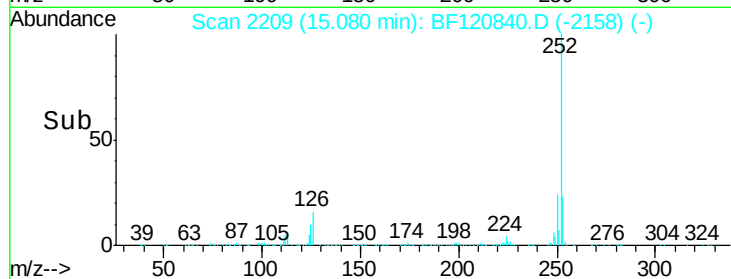
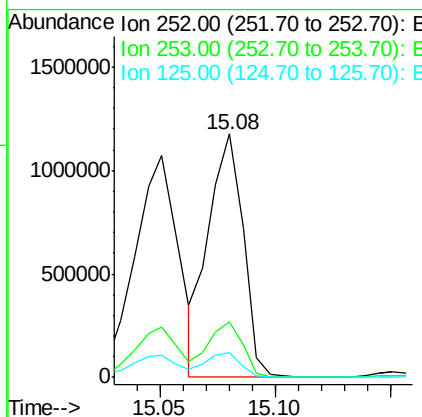
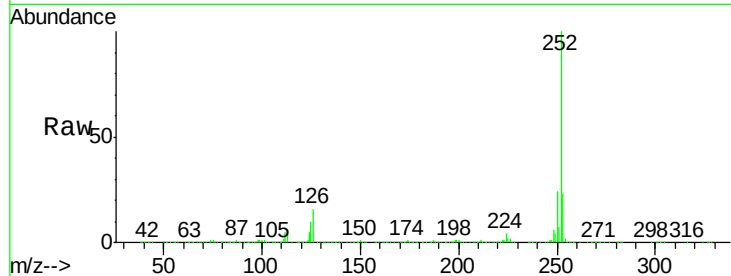




#89
Benzo(k)fluoranthene
Concen: 48.401 ng
RT: 15.08 min Scan# 2209
Delta R.T. 0.00 min
Lab File: BF120840.D
Acq: 10 Jul 2020 19:35

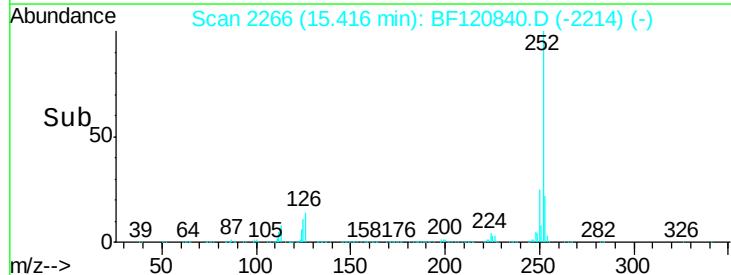
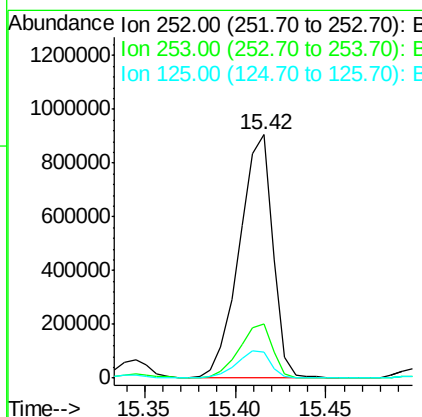
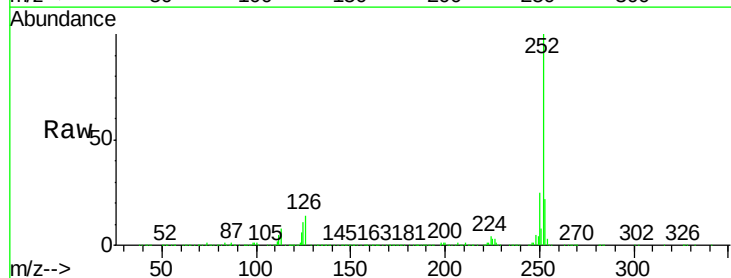
Instrument :
BNA_F
ClientSampleId :
MH1MSD

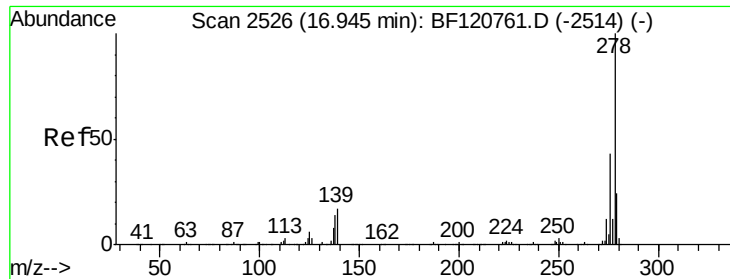
Tot Ion:252 Resp: 1223476
Ion Ratio Lower Upper
252 100
253 22.9 17.9 26.9
125 10.4 7.6 11.4



#90
Benzo(a)pyrene
Concen: 50.036 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.01 min
Lab File: BF120840.D
Acq: 10 Jul 2020 19:35

Tgt Ion:252 Resp: 1159530
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 10.6 9.2 13.8

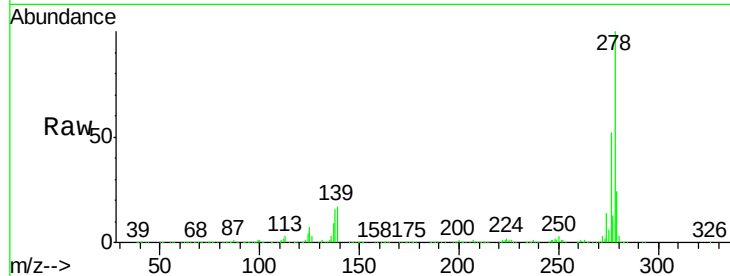




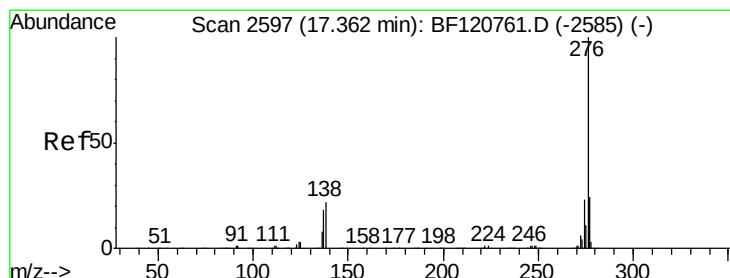
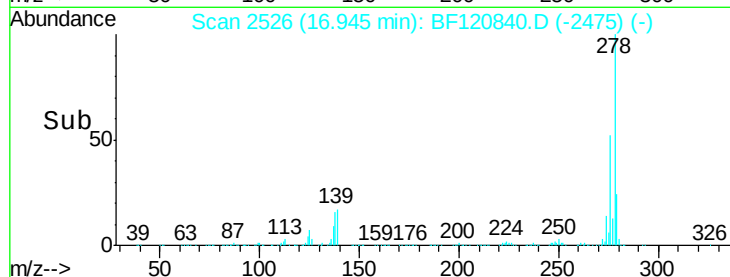
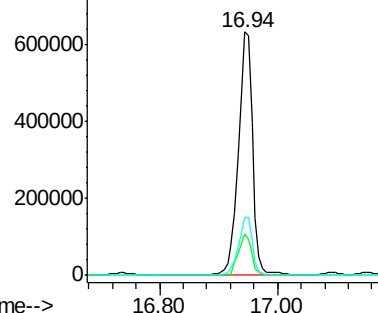
#91
Dibenzo(a,h)anthracene
Concen: 50.905 ng
RT: 16.94 min Scan# 2526
Delta R.T. 0.00 min
Lab File: BF120840.D
Acq: 10 Jul 2020 19:35

Instrument :
BNA_F
ClientSampleId :
MH1MSD

Tot Ion:278 Resp: 1075352
Ion Ratio Lower Upper
278 100
139 16.8 13.3 19.9
279 23.9 19.0 28.6

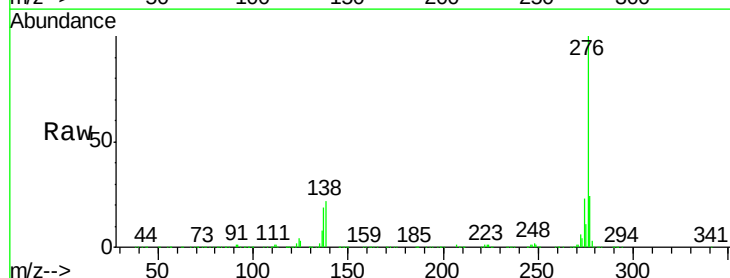


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 57.175 ng
RT: 17.37 min Scan# 2598
Delta R.T. 0.01 min
Lab File: BF120840.D
Acq: 10 Jul 2020 19:35

Tgt Ion:276 Resp: 1103839
Ion Ratio Lower Upper
276 100
277 24.3 18.8 28.2
138 22.1 17.4 26.2



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

