

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071620\
 Data File : BF120881.D
 Acq On : 16 Jul 2020 12:11
 Operator : JU/CG
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jul 16 13:21:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 12:11:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	156768	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	576146	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	297086	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	573529	20.00	ng	0.00
76) Chrysene-d12	13.97	240	467204	20.00	ng	0.00
86) Perylene-d12	15.42	264	554905	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	908798	89.49	ng	0.00
7) Phenol-d6	6.45	99	1171251	90.31	ng	0.00
23) Nitrobenzene-d5	7.38	82	992660	99.82	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	329564	110.42	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	1644230	83.73	ng	0.00
79) Terphenyl-d14	12.93	244	1886805	79.07	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	215685	46.493	ng	99
3) Pyridine	3.24	79	590528	46.473	ng	99
4) n-Nitrosodimethylamine	3.19	42	248089	39.027	ng	98
6) Aniline	6.47	93	801540	48.123	ng	99
8) 2-Chlorophenol	6.60	128	514191	47.556	ng	97
9) Benzaldehyde	6.36	77	282447	36.618	ng	99
10) Phenol	6.46	94	652258	48.889	ng	97
11) bis(2-Chloroethyl)ether	6.56	93	508528	46.841	ng	96
12) 1,3-Dichlorobenzene	6.76	146	547571	46.010	ng	99
13) 1,4-Dichlorobenzene	6.83	146	547991	45.972	ng	99
14) 1,2-Dichlorobenzene	6.99	146	514005	45.324	ng	99
15) Benzyl Alcohol	6.96	79	423709	43.483	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.10	45	724731	42.798	ng	99
17) 2-Methylphenol	7.07	107	453503	46.885	ng	99
18) Hexachloroethane	7.33	117	202858	45.279	ng	98
19) n-Nitroso-di-n-propylamine	7.24	70	329624	42.211	ng	98
20) 3+4-Methylphenols	7.22	107	503430	42.258	ng	92
22) Acetophenone	7.23	105	603989	42.176	ng	# 92
24) Nitrobenzene	7.40	77	537419	48.133	ng	97
25) Isophorone	7.64	82	976094	45.515	ng	98
26) 2-Nitrophenol	7.72	139	275227	67.432	ng	96
27) 2,4-Dimethylphenol	7.76	122	412898	48.231	ng	96
28) bis(2-Chloroethoxy)methane	7.85	93	599402	47.225	ng	99
29) 2,4-Dichlorophenol	7.96	162	424474	49.667	ng	97
30) 1,2,4-Trichlorobenzene	8.05	180	463975	48.335	ng	97
31) Naphthalene	8.12	128	1414663	45.944	ng	99
32) Benzoic acid	7.88	122	321262	69.341	ng	96
33) 4-Chloroaniline	8.17	127	648750	49.653	ng	98
34) Hexachlorobutadiene	8.25	225	271164	46.970	ng	99
35) Caprolactam	8.55	113	139405	55.980	ng	94
36) 4-Chloro-3-methylphenol	8.65	107	432350	48.633	ng	99
37) 2-Methylnaphthalene	8.82	142	933017	46.614	ng	100
38) 1-Methylnaphthalene	8.92	142	886691	47.293	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	422438	47.049	ng	99

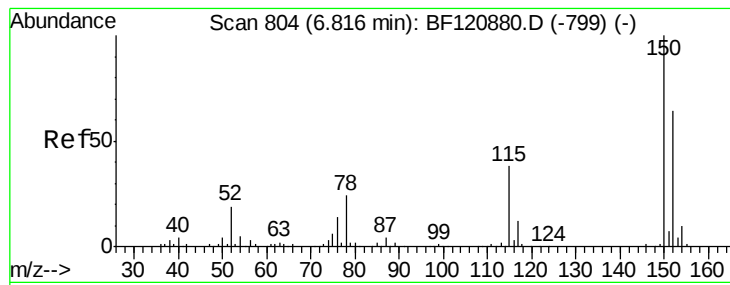
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071620\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	250210	47.166	ng	98
43) 2,4,6-Trichlorophenol	9.09	196	309693	50.619	ng	98
44) 2,4,5-Trichlorophenol	9.13	196	350976	51.691	ng	97
46) 1,1'-Biphenyl	9.28	154	1096687	45.764	ng	99
47) 2-Chloronaphthalene	9.30	162	908892	47.343	ng	98
48) 2-Nitroaniline	9.40	65	290137	56.484	ng	93
49) Acenaphthylene	9.72	152	1403690	46.636	ng	99
50) Dimethylphthalate	9.58	163	1055093	48.685	ng	99
51) 2,6-Dinitrotoluene	9.64	165	238691	60.965	ng	95
52) Acenaphthene	9.89	154	900541	48.228	ng	99
53) 3-Nitroaniline	9.81	138	295642	61.121	ng	99
54) 2,4-Dinitrophenol	9.91	184	127230	98.395	ng	# 86
55) Dibenzofuran	10.06	168	1270136	47.189	ng	98
56) 4-Nitrophenol	9.96	139	231673	65.209	ng	96
57) 2,4-Dinitrotoluene	10.04	165	319829	68.040	ng	91
58) Fluorene	10.40	166	876182	43.734	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	272151	53.863	ng	98
60) Diethylphthalate	10.28	149	1080632	47.867	ng	99
61) 4-Chlorophenyl-phenylether	10.40	204	450793	44.760	ng	97
62) 4-Nitroaniline	10.42	138	290679	63.128	ng	99
63) Azobenzene	10.56	77	1010907	43.774	ng	99
65) 4,6-Dinitro-2-methylphenol	10.45	198	169135	91.786	ng	89
66) n-Nitrosodiphenylamine	10.52	169	883808	45.976	ng	99
67) 4-Bromophenyl-phenylether	10.89	248	319791	48.068	ng	93
68) Hexachlorobenzene	10.95	284	340528	48.777	ng	# 92
69) Atrazine	11.04	200	200964	40.579	ng	98
70) Pentachlorophenol	11.14	266	214355	54.269	ng	99
71) Phenanthrene	11.36	178	1421920	45.693	ng	100
72) Anthracene	11.42	178	1426079	45.350	ng	99
73) Carbazole	11.57	167	1441591	47.705	ng	100
74) Di-n-butylphthalate	11.90	149	1654818	44.231	ng	100
75) Fluoranthene	12.55	202	1576787	47.565	ng	99
77) Benzidine	12.67	184	659744	50.029	ng	99
78) Pyrene	12.78	202	1623214	43.502	ng	99
80) Butylbenzylphthalate	13.40	149	764505	47.457	ng	98
81) Benzo(a)anthracene	13.97	228	1340771	44.769	ng	99
82) 3,3'-Dichlorobenzidine	13.93	252	550961	54.515	ng	99
83) Chrysene	14.00	228	1462046	47.860	ng	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	850075	40.240	ng	# 99
85) Di-n-octyl phthalate	14.57	149	1835299	49.108	ng	99
87) Indeno(1,2,3-cd)pyrene	16.86	276	1913994	53.776	ng	100
88) Benzo(b)fluoranthene	15.00	252	1692209	46.386	ng	99
89) Benzo(k)fluoranthene	15.04	252	1445431	40.719	ng	100
90) Benzo(a)pyrene	15.37	252	1508765	46.362	ng	99
91) Dibenzo(a,h)anthracene	16.88	278	1548240	52.191	ng	98
92) Benzo(g,h,i)perylene	17.30	276	1554900	57.351	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.82 min Scan# 804

Delta R.T. 0.00 min

Lab File: BF120881.D

Acq: 16 Jul 2020 12:11

Instrument :
BNA_P
ClientSampleId :

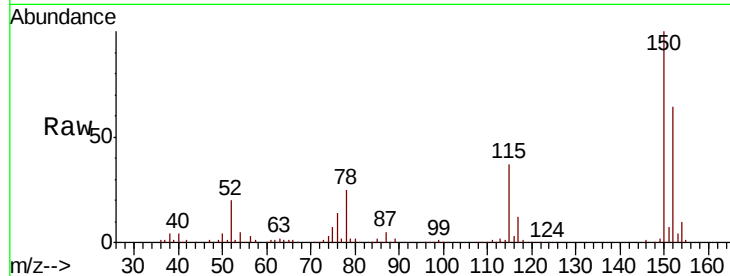
Tot Ion:152 Resp: 156768

Ion Ratio Lower Upper

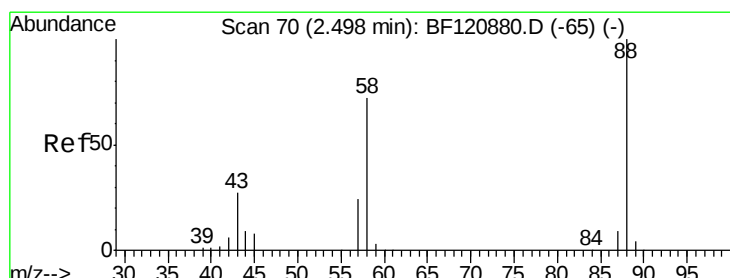
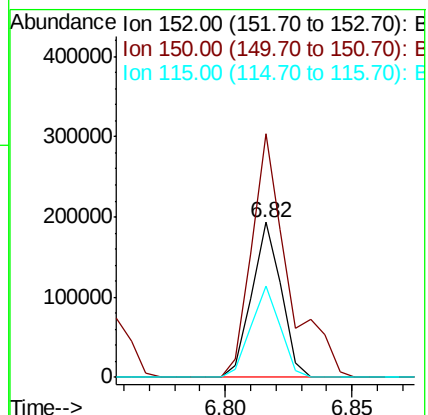
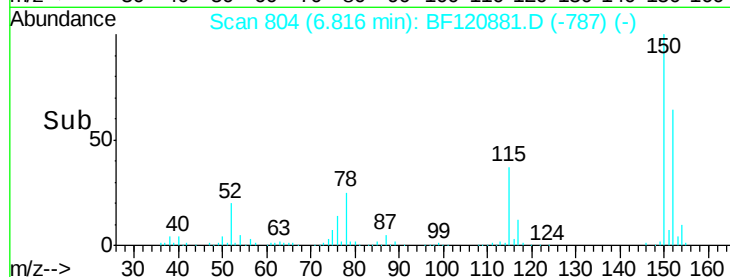
152 100

150 157.3 125.0 187.6

115 58.7 47.0 70.4



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



#2

1,4-Dioxane

Concen: 46.493 ng

RT: 2.50 min Scan# 71

Delta R.T. 0.01 min

Lab File: BF120881.D

Acq: 16 Jul 2020 12:11

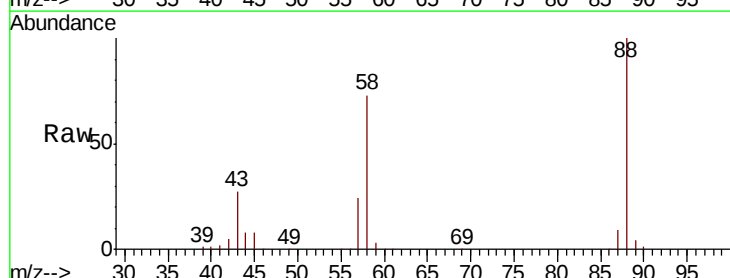
Tgt Ion: 88 Resp: 215685

Ion Ratio Lower Upper

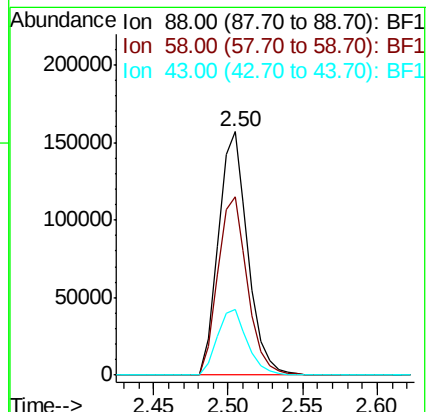
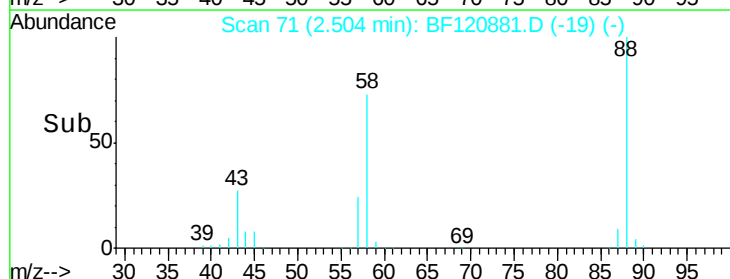
88 100

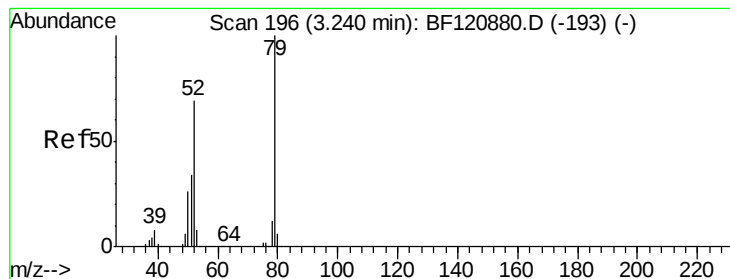
58 73.7 58.2 87.2

43 27.5 22.1 33.1



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: 46.473 ng

RT: 3.24 min Scan# 196

Delta R.T. -0.00 min

Lab File: BF120881.D

Acq: 16 Jul 2020 12:11

Instrument :

BNA_P

ClientSampleId :

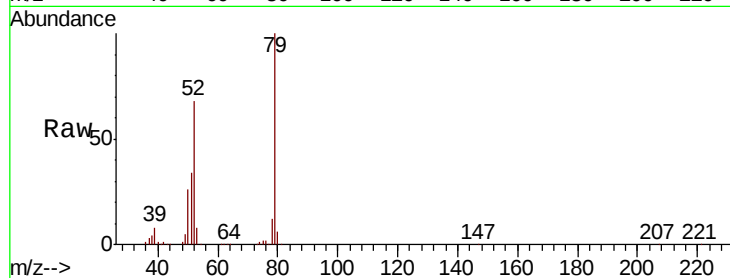
Tot Ion: 79 Resp: 590528

Ion Ratio Lower Upper

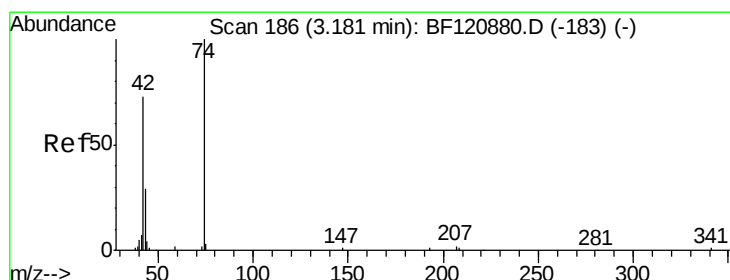
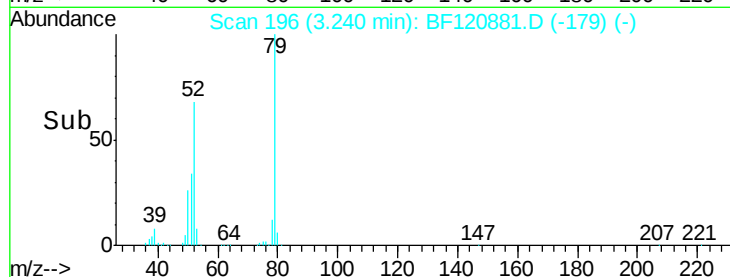
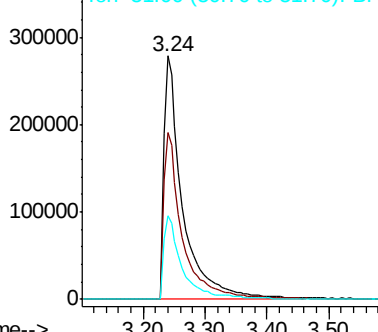
79 100

52 68.4 55.0 82.6

51 34.1 26.9 40.3



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



#4

n-Nitrosodimethylamine

Concen: 39.027 ng

RT: 3.19 min Scan# 188

Delta R.T. 0.01 min

Lab File: BF120881.D

Acq: 16 Jul 2020 12:11

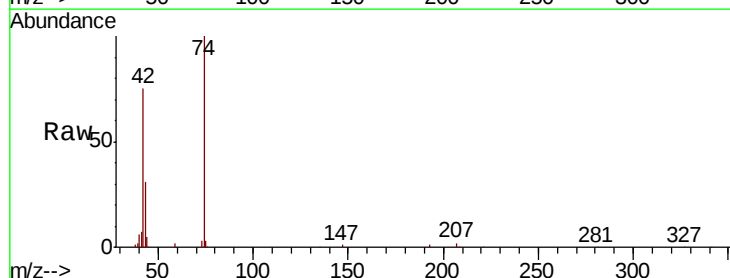
Tgt Ion: 42 Resp: 248089

Ion Ratio Lower Upper

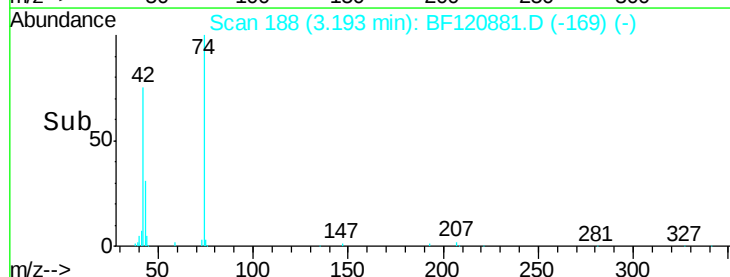
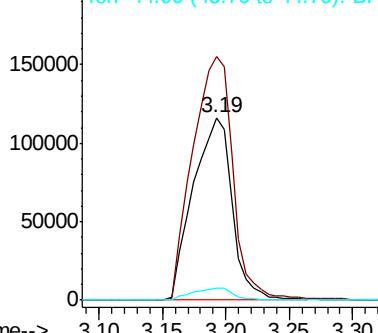
42 100

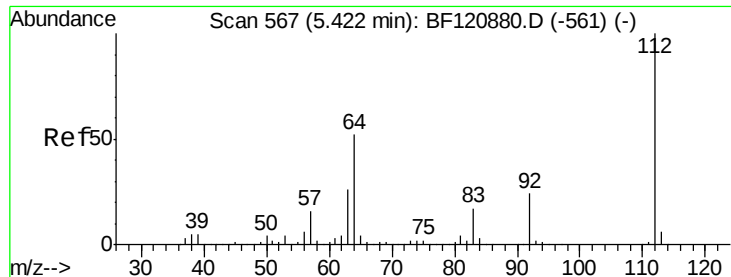
74 133.6 108.7 163.1

44 6.7 5.2 7.8



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





#5

2-Fluorophenol

Concen: 89.487 ng

RT: 5.42 min Scan# 567

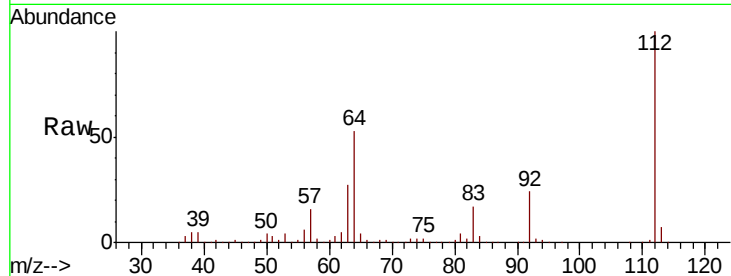
Delta R.T. -0.00 min

Lab File: BF120881.D

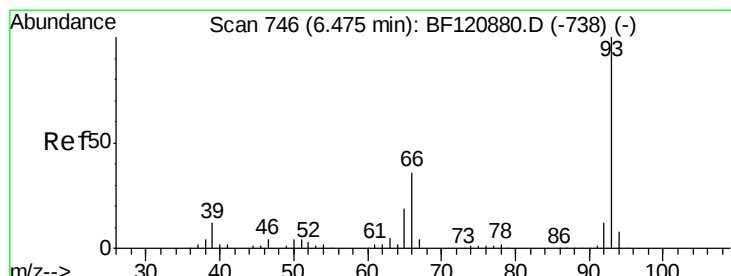
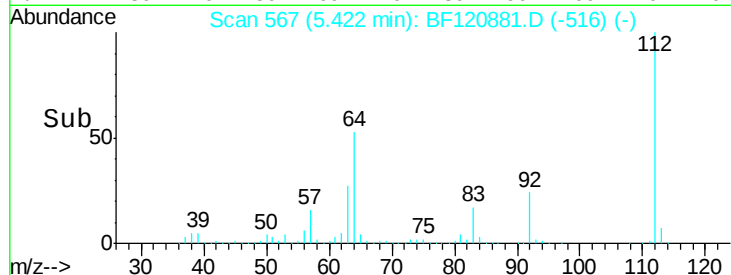
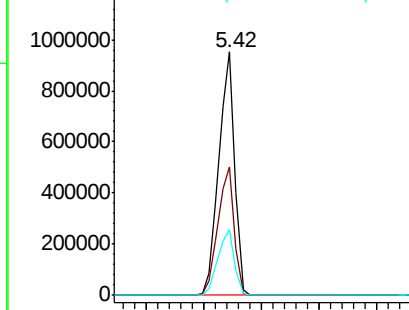
Acq: 16 Jul 2020 12:11

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	112	Resp:	908798
Ion	Ratio	Lower	Upper
112	100		
64	52.8	41.3	61.9
63	27.2	21.1	31.7



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: 48.123 ng

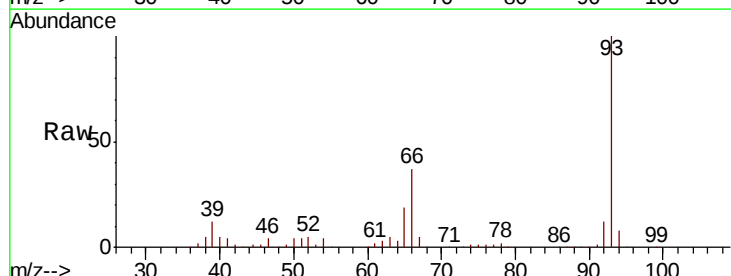
RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

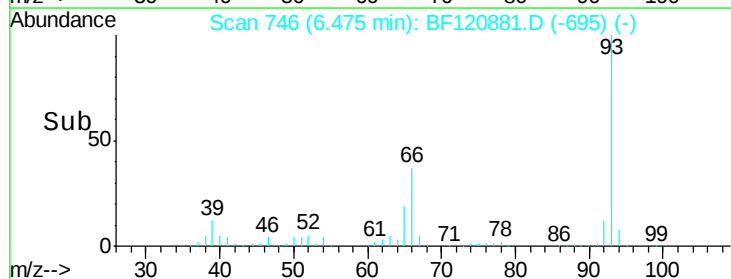
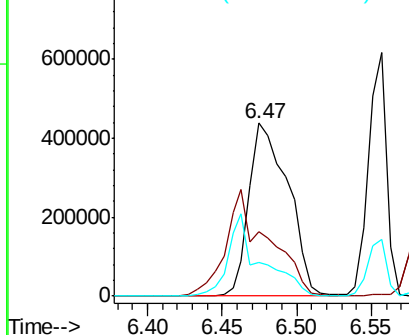
Lab File: BF120881.D

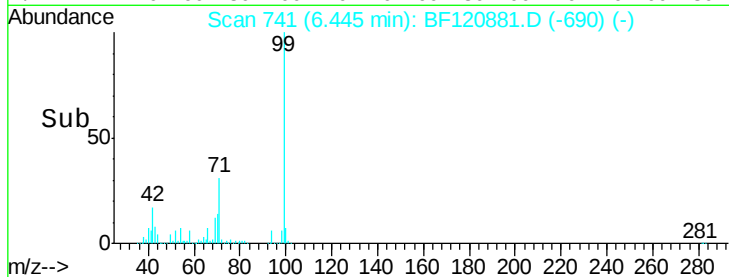
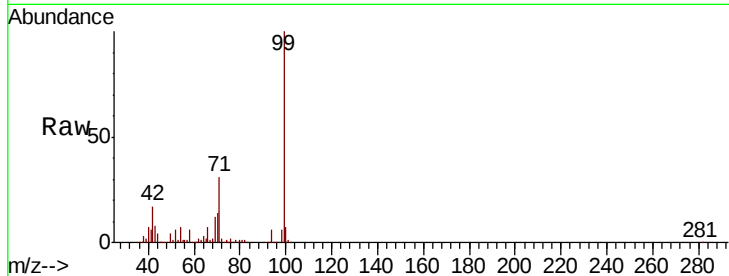
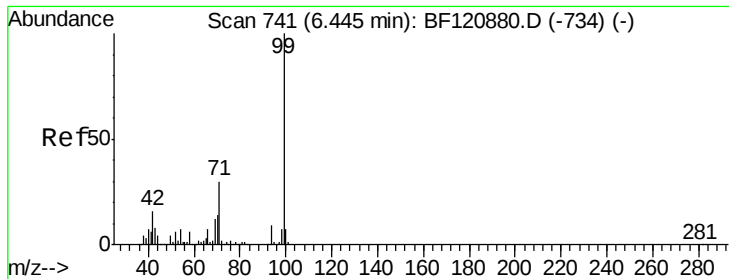
Acq: 16 Jul 2020 12:11

Tgt Ion:	93	Resp:	801540
Ion	Ratio	Lower	Upper
93	100		
66	37.2	30.2	45.4
65	19.3	15.8	23.6



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: 90.310 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF120881.D

Acq: 16 Jul 2020 12:11

Instrument :

BNA_P

ClientSampleId :

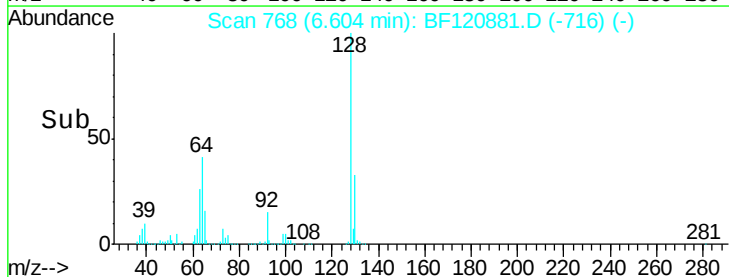
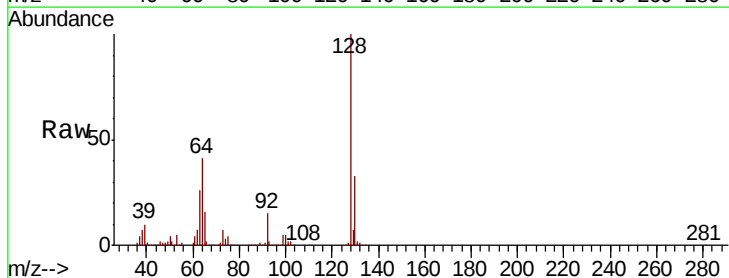
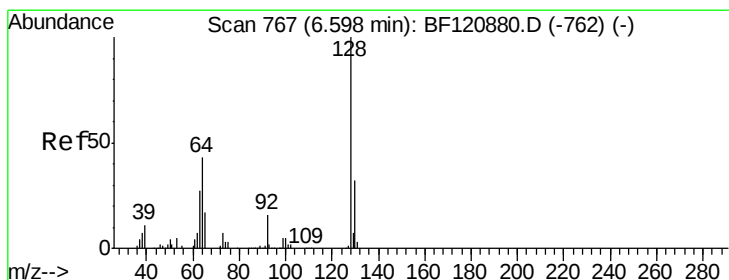
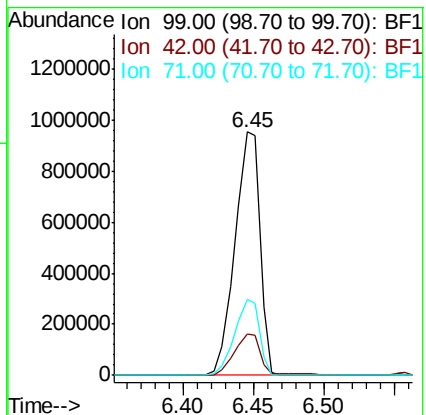
Tot Ion: 99 Resp: 1171251

Ion Ratio Lower Upper

99 100

42 17.0 13.1 19.7

71 31.4 24.2 36.4



#8

2-Chlorophenol

Concen: 47.556 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF120881.D

Acq: 16 Jul 2020 12:11

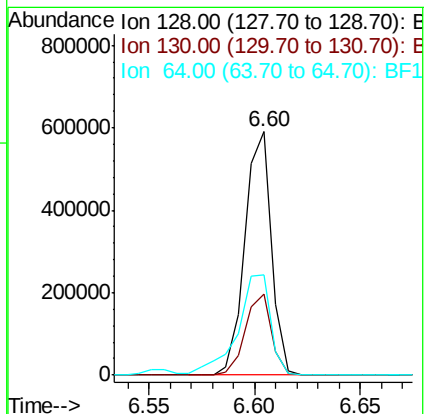
Tgt Ion: 128 Resp: 514191

Ion Ratio Lower Upper

128 100

130 33.2 12.1 52.1

64 41.4 24.0 64.0





#9

Benzaldehyde

Concen: 36.618 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF120881.D

Acq: 16 Jul 2020 12:11

Instrument :

BNA_P

ClientSampleId :

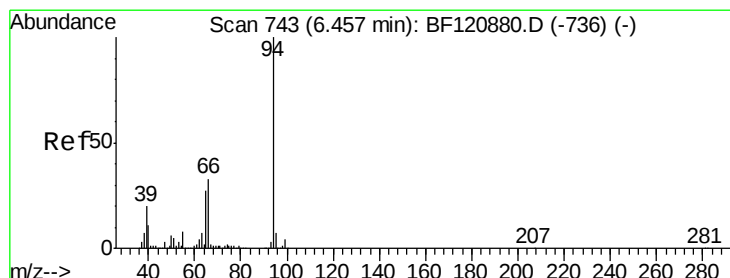
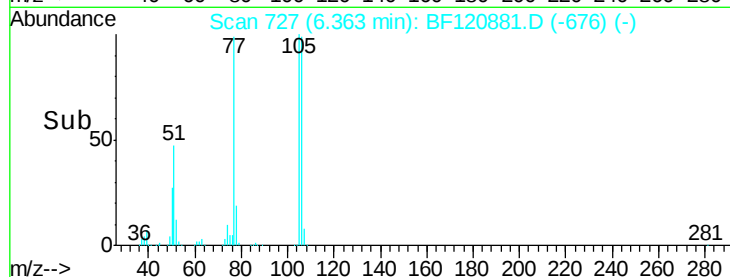
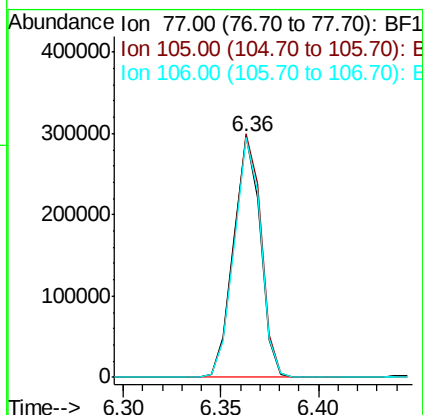
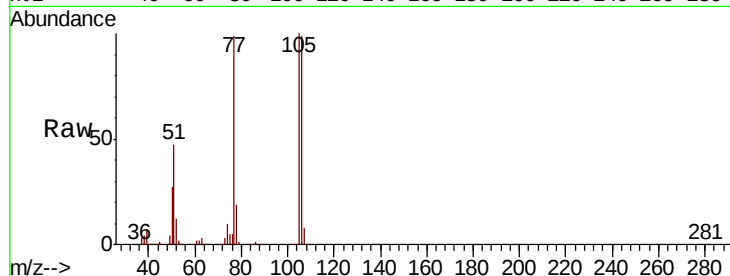
Tot Ion: 77 Resp: 282447

Ion Ratio Lower Upper

77 100

105 101.1 82.5 122.5

106 99.6 78.7 118.7



#10

Phenol

Concen: 48.889 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF120881.D

Acq: 16 Jul 2020 12:11

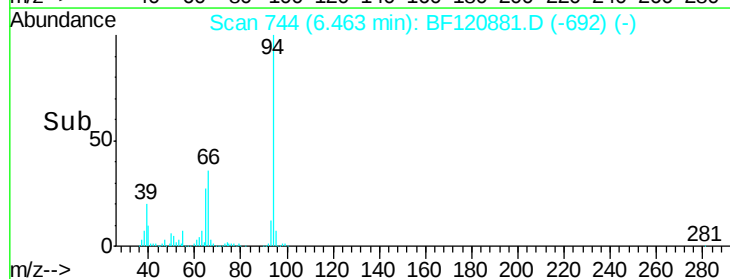
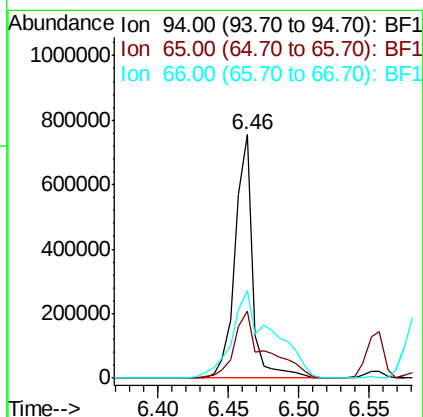
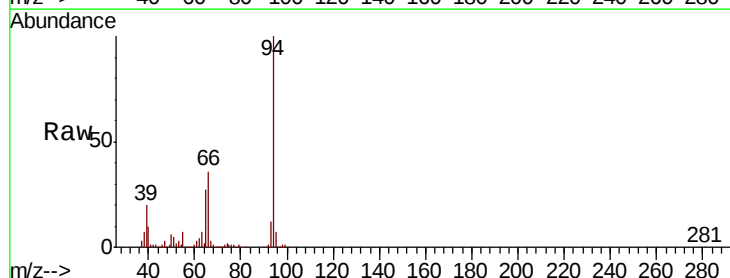
Tgt Ion: 94 Resp: 652258

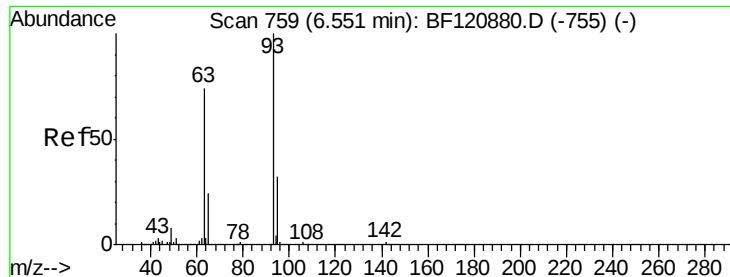
Ion Ratio Lower Upper

94 100

65 27.5 6.6 46.6

66 35.9 13.2 53.2





#11

bis(2-Chloroethyl)ether

Concen: 46.841 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.01 min

Lab File: BF120881.D

Acq: 16 Jul 2020 12:11

Instrument :

BNA_P

ClientSampleId :

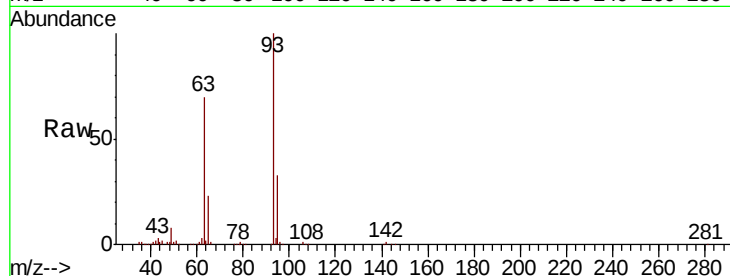
Tot Ion: 93 Resp: 508528

Ion Ratio Lower Upper

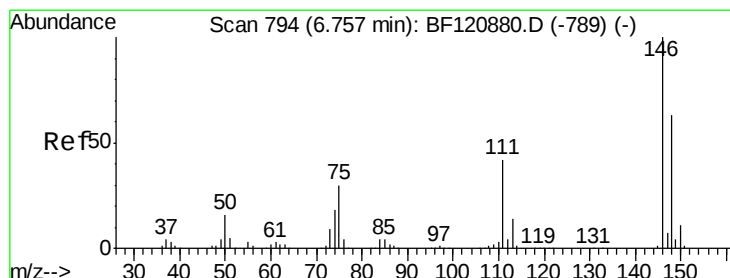
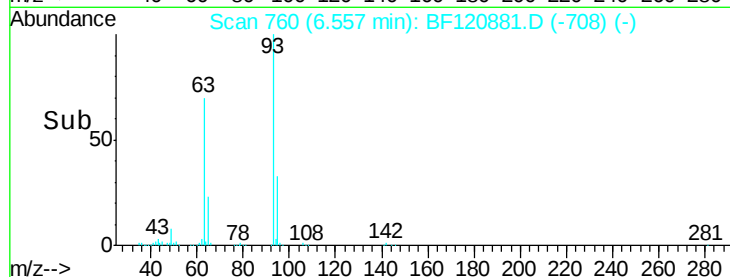
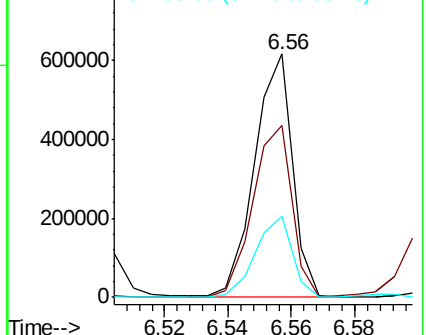
93 100

63 70.5 54.2 94.2

95 33.2 12.2 52.2



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: 46.010 ng

RT: 6.76 min Scan# 794

Delta R.T. 0.00 min

Lab File: BF120881.D

Acq: 16 Jul 2020 12:11

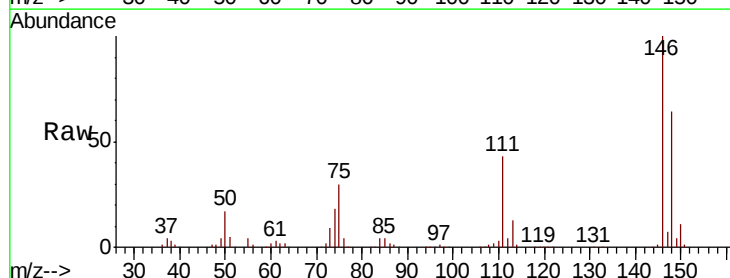
Tgt Ion: 146 Resp: 547571

Ion Ratio Lower Upper

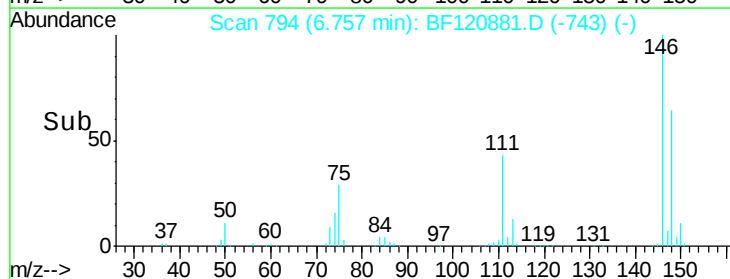
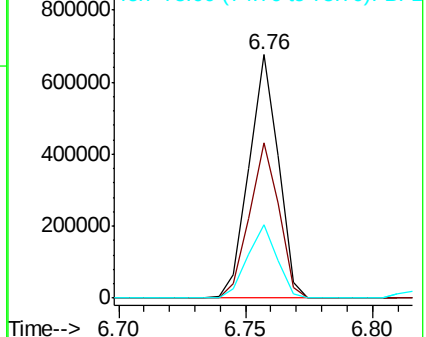
146 100

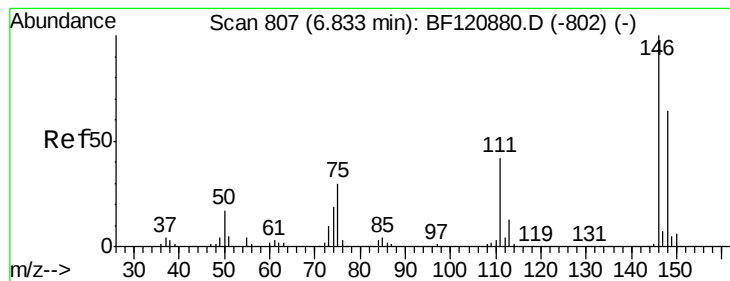
148 64.0 50.6 75.8

75 30.3 24.1 36.1



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: 45.972 ng

RT: 6.83 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF120881.D

Acq: 16 Jul 2020 12:11

Instrument :

BNA_P

ClientSampleId :

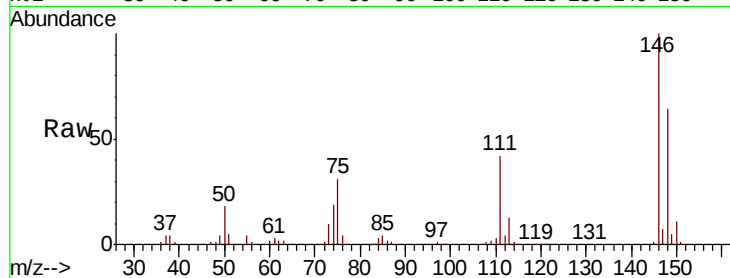
Tot Ion:146 Resp: 547991

Ion Ratio Lower Upper

146 100

148 63.8 51.6 77.4

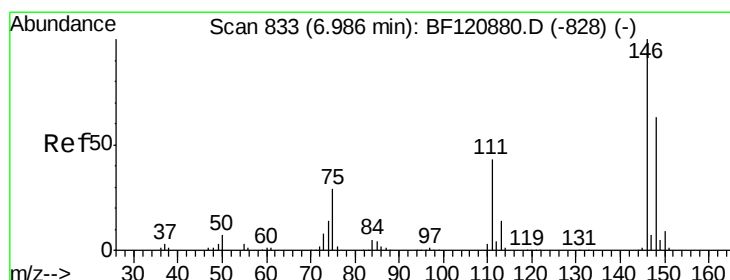
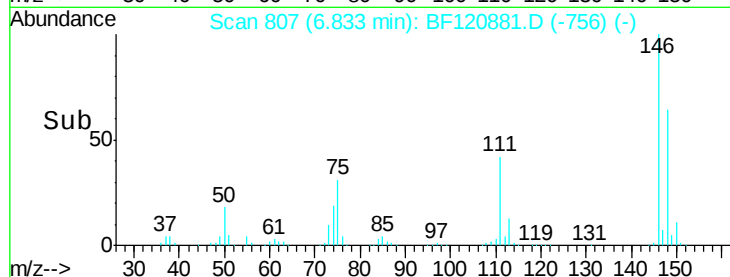
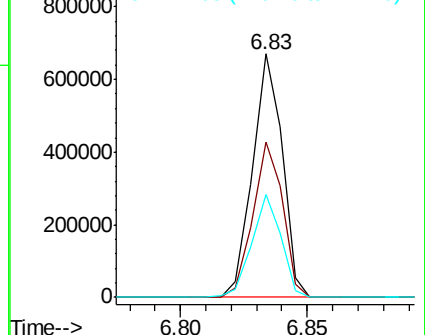
111 42.1 33.5 50.3



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: 45.324 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.00 min

Lab File: BF120881.D

Acq: 16 Jul 2020 12:11

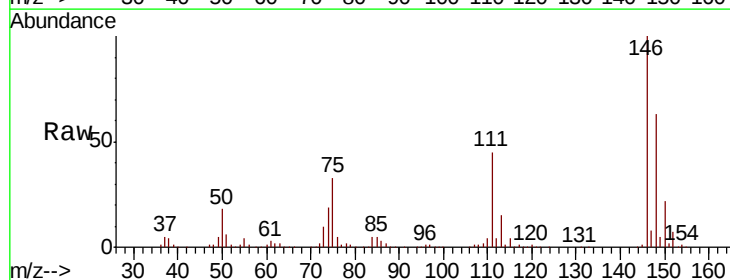
Tgt Ion:146 Resp: 514005

Ion Ratio Lower Upper

146 100

148 63.3 50.6 76.0

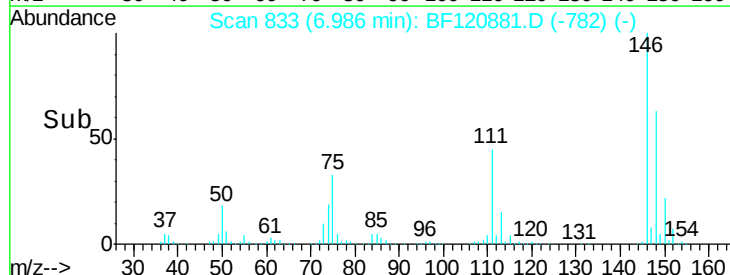
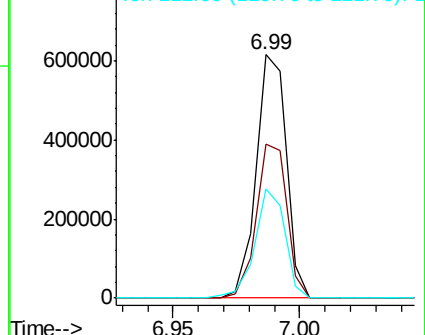
111 45.0 34.2 51.2

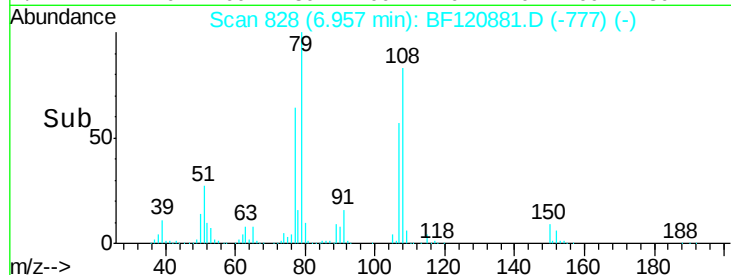
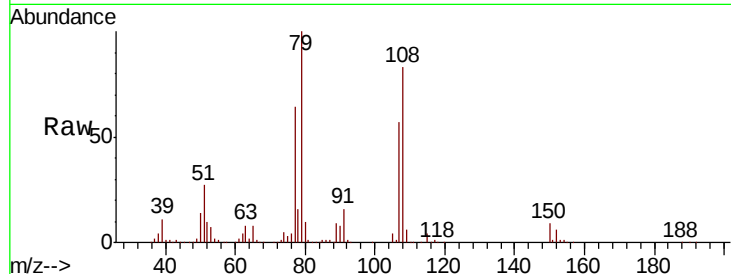
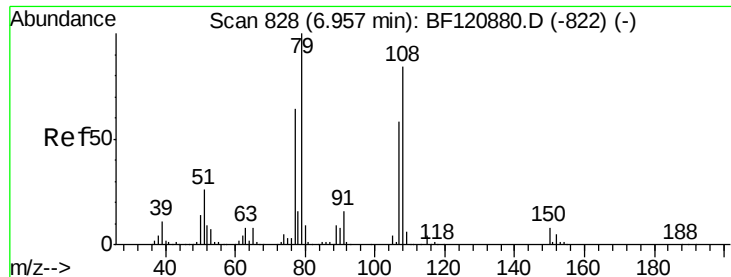


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

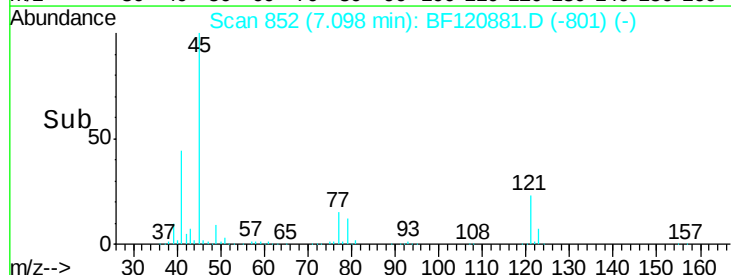
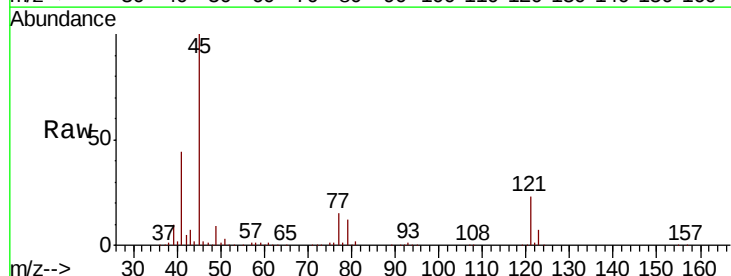
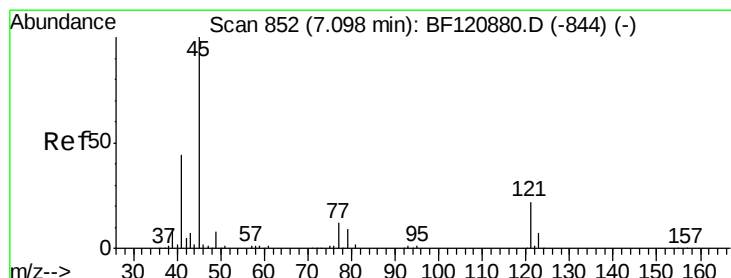
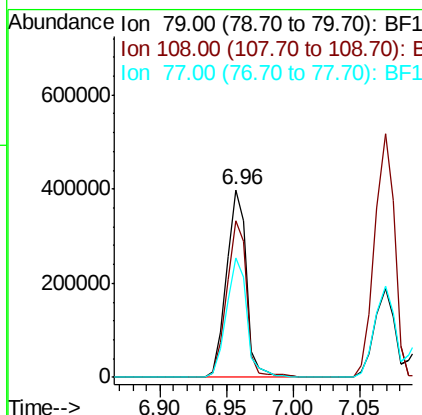




#15
Benzyl Alcohol
Concen: 43.483 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF120881.D
Acq: 16 Jul 2020 12:11

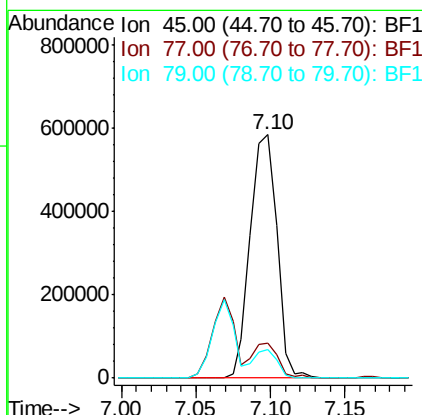
Instrument :
BNA_P
ClientSampleId :

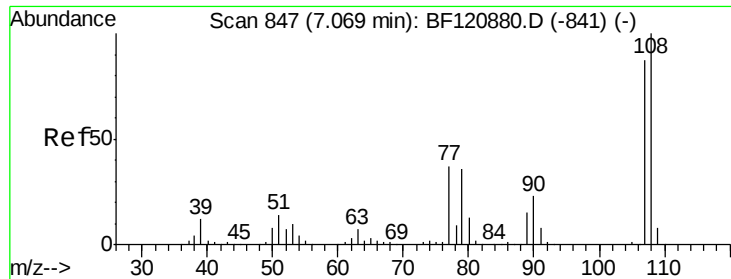
Tot Ion	Ratio	Lower	Upper
79	100		
108	83.4	67.0	100.6
77	64.0	51.0	76.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.798 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF120881.D
Acq: 16 Jul 2020 12:11

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.6	0.0	34.3
79	11.6	0.0	31.0

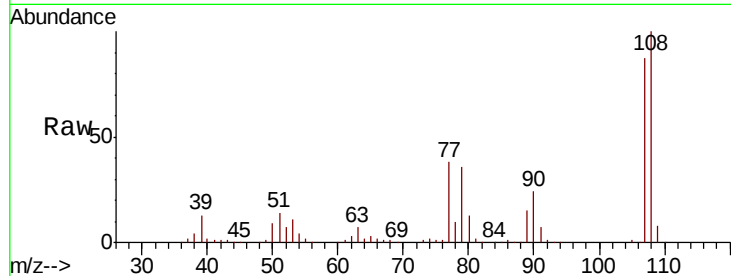




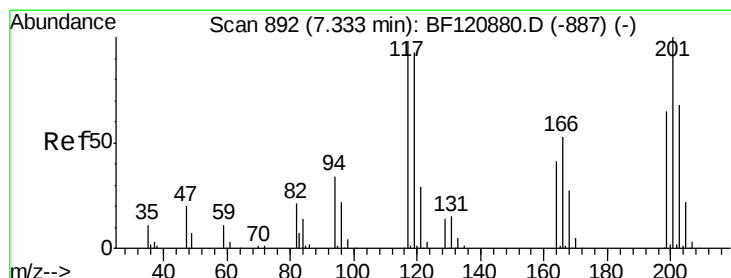
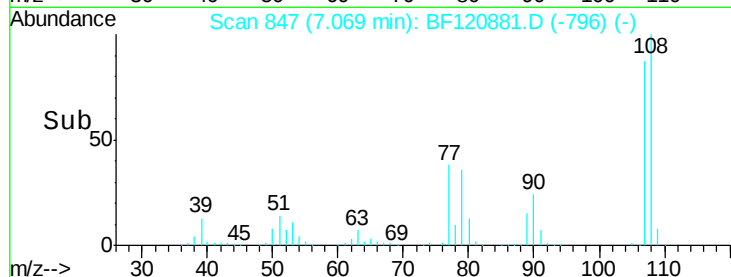
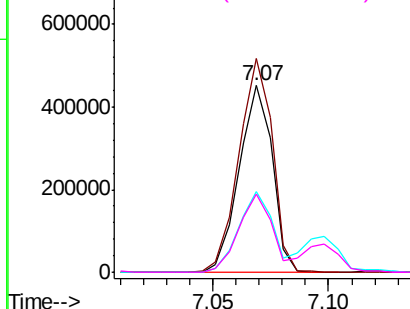
#17
2-Methylphenol
Concen: 46.885 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.00 min
Lab File: BF120881.D
Acq: 16 Jul 2020 12:11

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	107	Resp:	453503
Ion	Ratio	Lower	Upper
107	100		
108	114.6	92.0	138.0
77	43.3	34.0	51.0
79	41.7	33.3	49.9

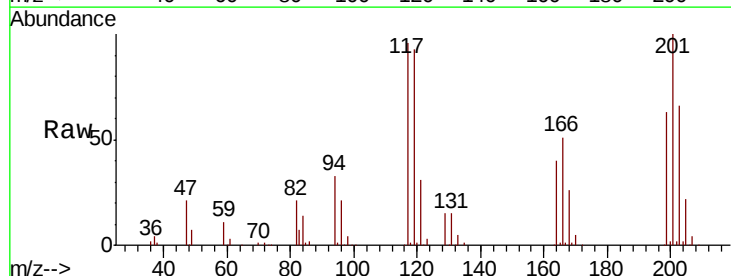


Abundance Ion 107.00 (106.70 to 107.70): E
800000 Ion 108.00 (107.70 to 108.70): E
600000 Ion 77.00 (76.70 to 77.70): BF1
400000 Ion 79.00 (78.70 to 79.70): BF1
200000
0

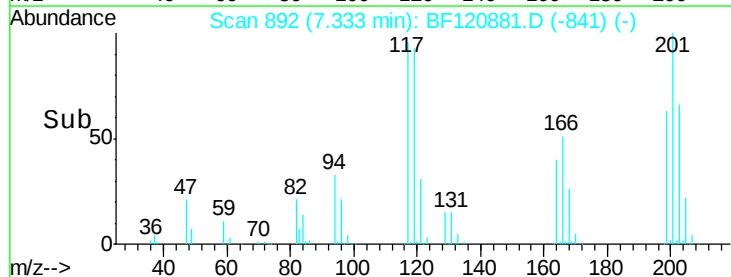
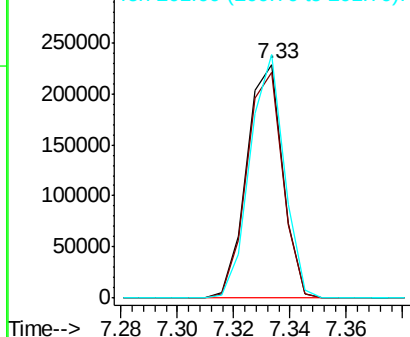


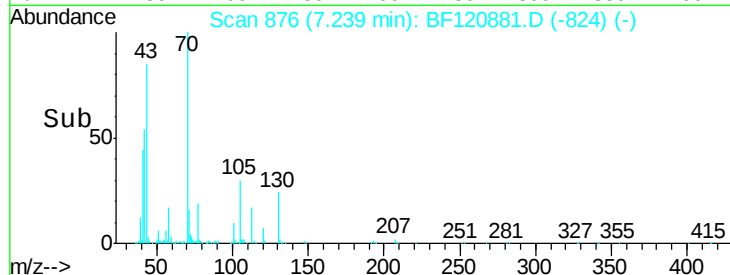
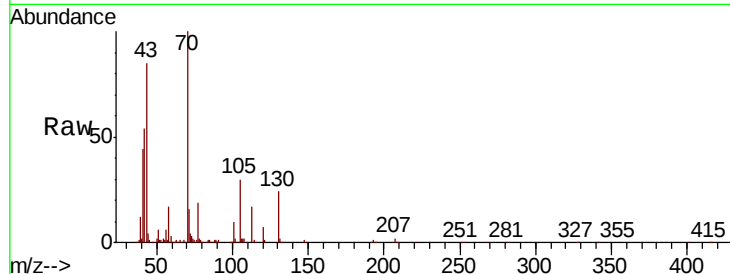
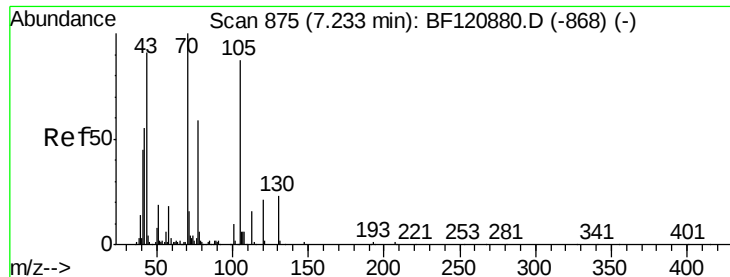
#18
Hexachloroethane
Concen: 45.279 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.00 min
Lab File: BF120881.D
Acq: 16 Jul 2020 12:11

Tgt Ion:	117	Resp:	202858
Ion	Ratio	Lower	Upper
117	100		
119	96.5	76.0	114.0
201	104.3	81.7	122.5



Abundance Ion 117.00 (116.70 to 117.70): E
300000 Ion 119.00 (118.70 to 119.70): E
250000 Ion 201.00 (200.70 to 201.70): E
200000
150000
100000
50000
0

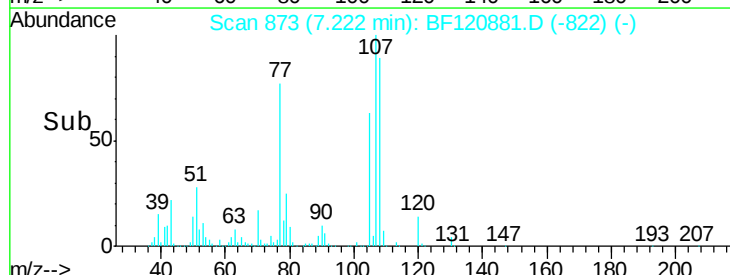
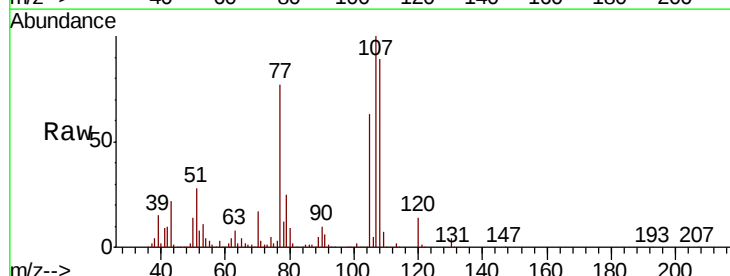
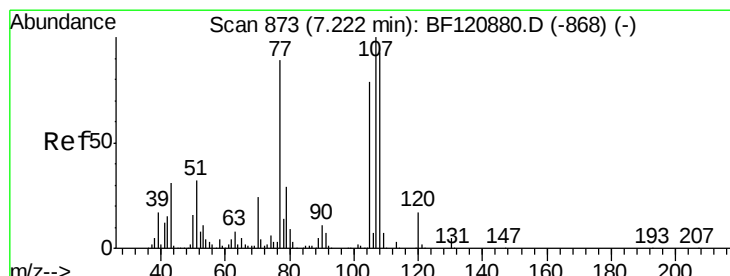
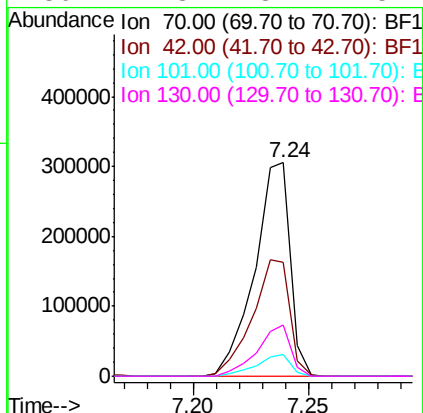




#19
n-Nitroso-di-n-propylamine
Concen: 42.211 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.01 min
Lab File: BF120881.D
Acq: 16 Jul 2020 12:11

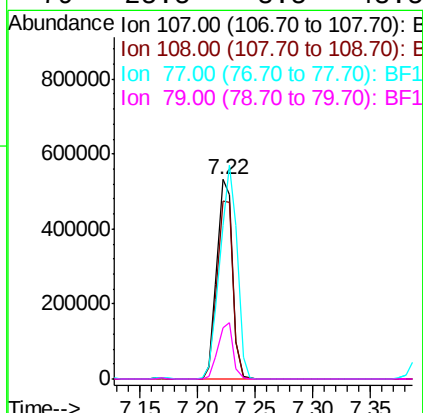
Instrument :
BNA_P
ClientSampled :

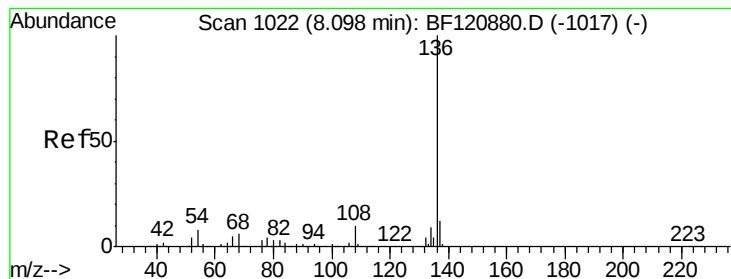
Tot Ion	Ratio	Lower	Upper
70	100		
42	53.5	44.0	66.0
101	10.1	7.8	11.6
130	24.3	18.7	28.1



#20
3+4-Methylphenols
Concen: 42.258 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF120881.D
Acq: 16 Jul 2020 12:11

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.2	72.8	112.8
77	77.4	68.7	108.7
79	25.5	8.5	48.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. 0.01 min

Lab File: BF120881.D

Acq: 16 Jul 2020 12:11

Instrument :

BNA_P

ClientSampleId :

Tot Ion:136 Resp: 576146

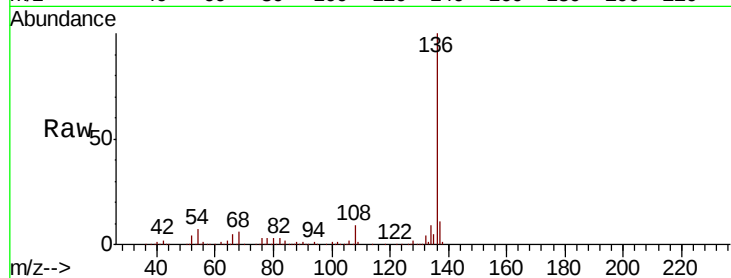
Ion Ratio Lower Upper

136 100

137 10.7 9.3 13.9

54 6.6 6.3 9.5

68 5.7 5.0 7.4

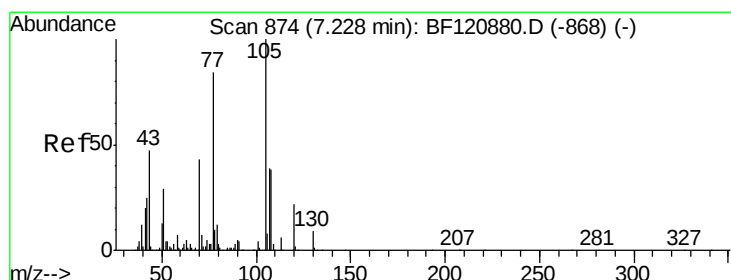
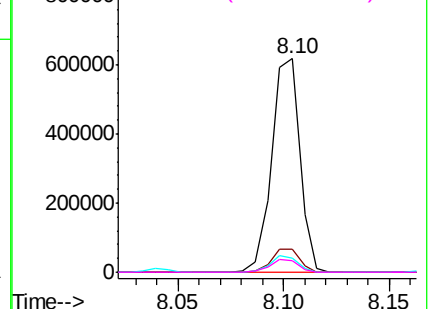
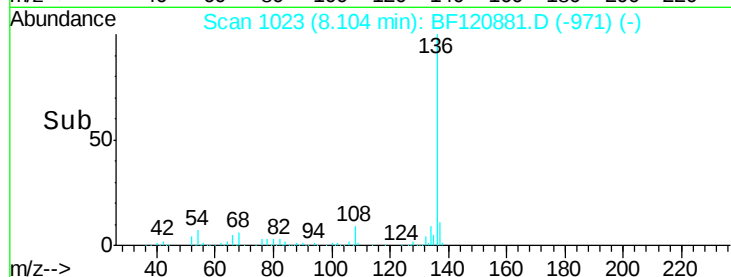


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 42.176 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.00 min

Lab File: BF120881.D

Acq: 16 Jul 2020 12:11

Tgt Ion:105 Resp: 603989

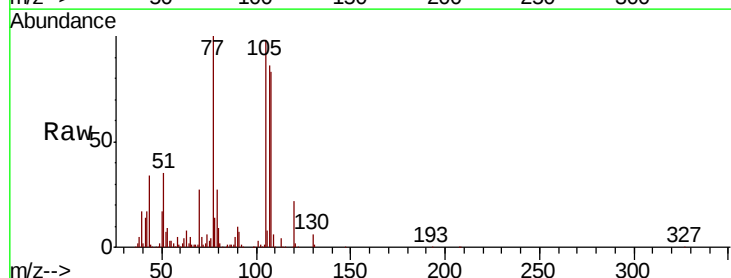
Ion Ratio Lower Upper

105 100

71 4.7 5.7 8.5#

51 36.2 22.9 34.3#

120 22.1 18.0 27.0

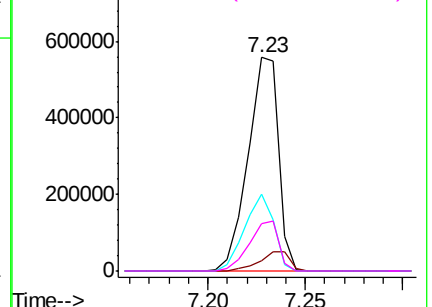
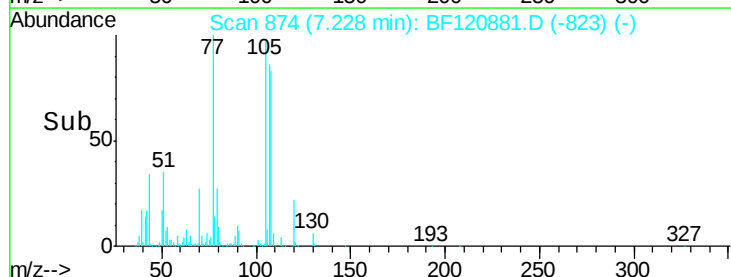


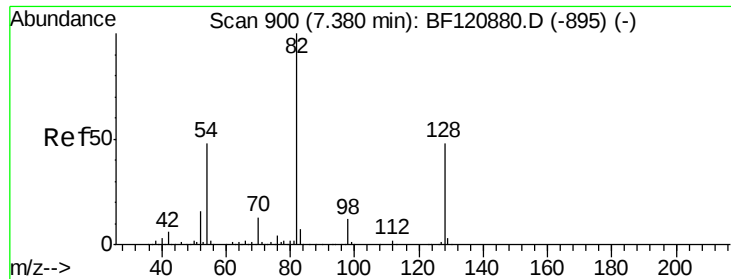
Abundance Ion 105.00 (104.70 to 105.70): E

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

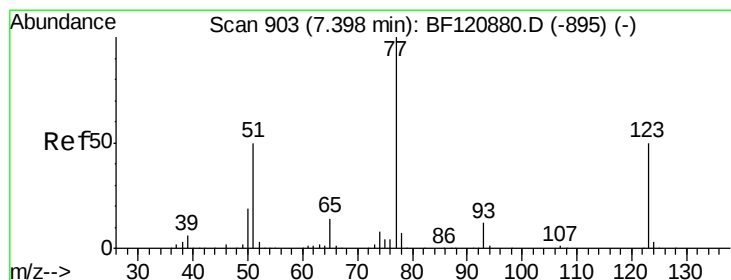
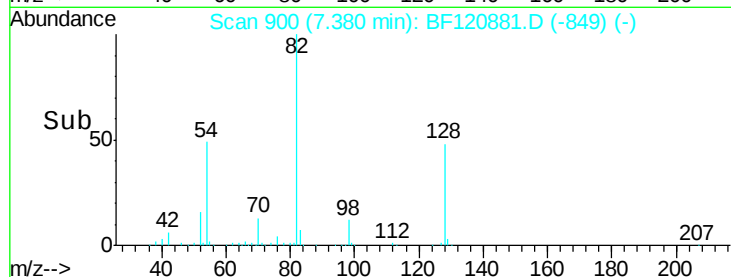
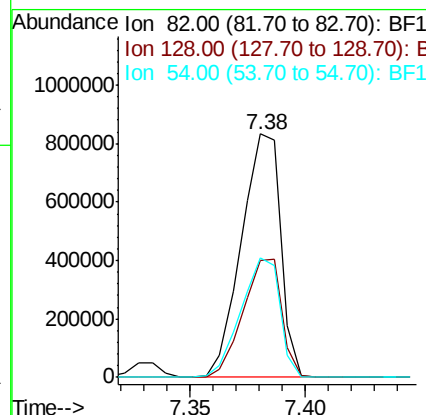
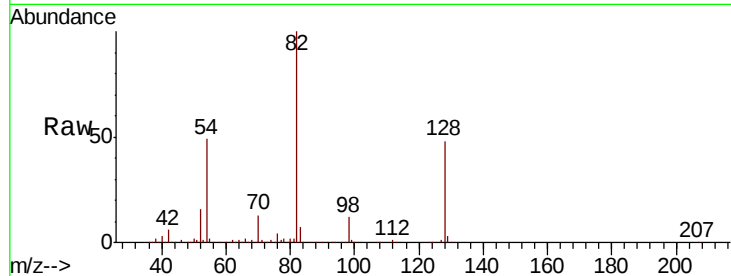




#23
 Nitrobenzene-d5
 Concen: 99.823 ng
 RT: 7.38 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: BF120881.D
 Acq: 16 Jul 2020 12:11

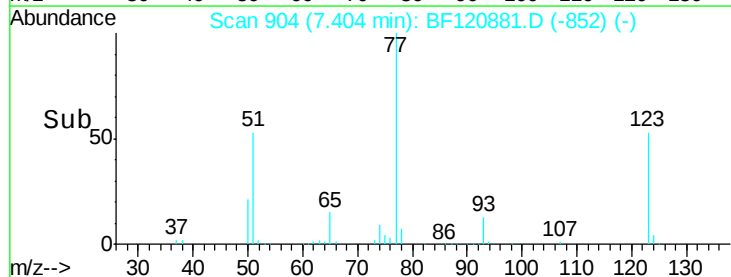
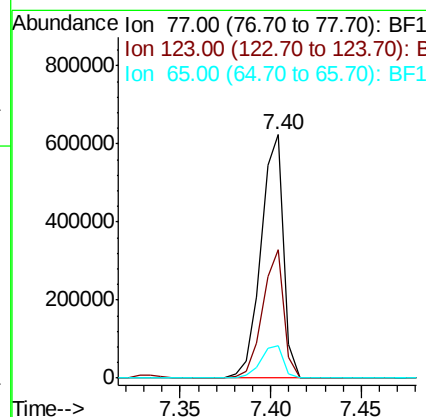
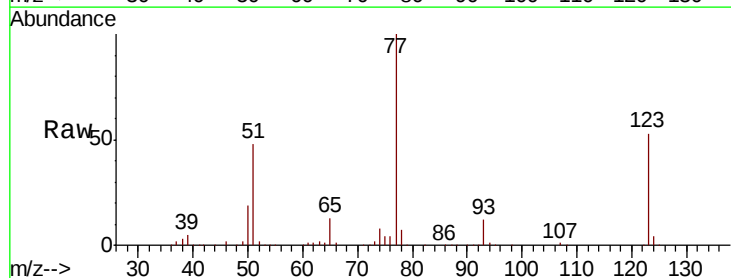
Instrument :
 BNA_P
 ClientSampleId :

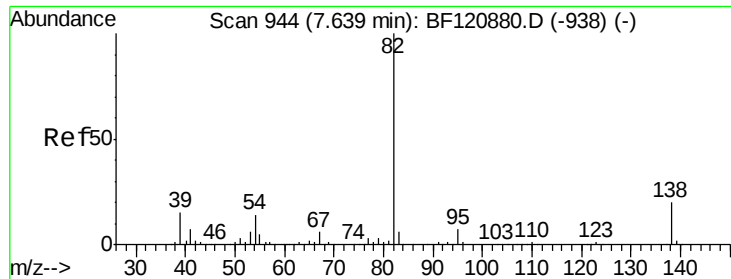
Tot Ion	82	Resp	992660
Ion Ratio	Lower	Upper	
82	100		
128	47.8	38.2	57.4
54	49.2	38.7	58.1



#24
 Nitrobenzene
 Concen: 48.133 ng
 RT: 7.40 min Scan# 904
 Delta R.T. 0.01 min
 Lab File: BF120881.D
 Acq: 16 Jul 2020 12:11

Tgt Ion	77	Resp	537419
Ion Ratio	Lower	Upper	
77	100		
123	52.6	40.1	60.1
65	13.1	10.8	16.2





#25

Isophorone

Concen: 45.515 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF120881.D

Acq: 16 Jul 2020 12:11

Instrument :

BNA_P

ClientSampleId :

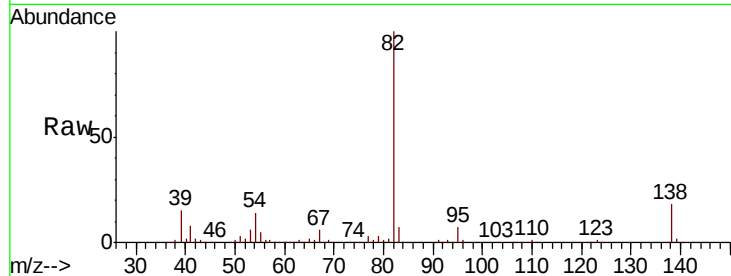
Tot Ion: 82 Resp: 976094

Ion Ratio Lower Upper

82 100

95 6.7 5.5 8.3

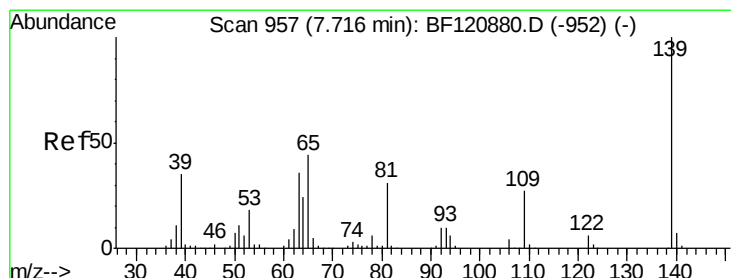
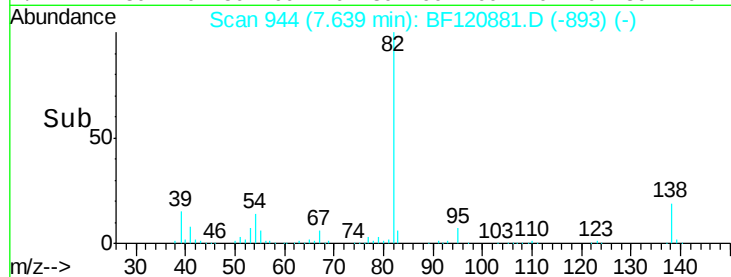
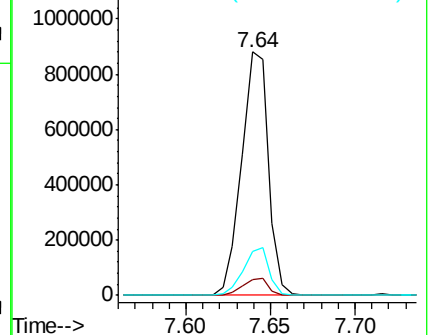
138 18.3 15.6 23.4



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 67.432 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF120881.D

Acq: 16 Jul 2020 12:11

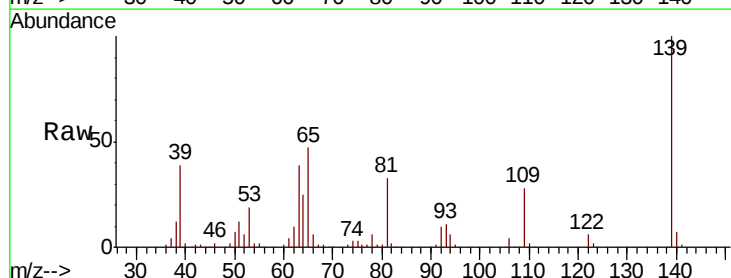
Tgt Ion: 139 Resp: 275227

Ion Ratio Lower Upper

139 100

109 28.2 21.6 32.4

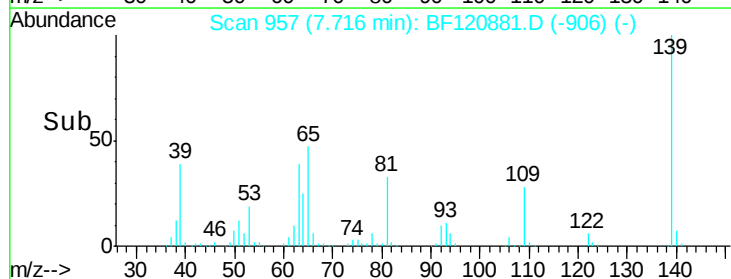
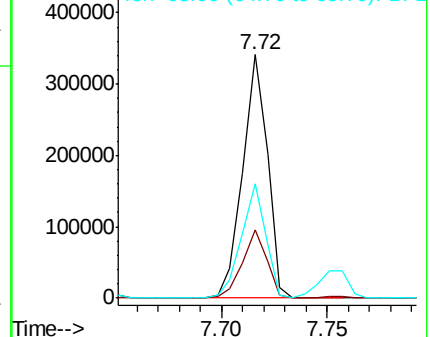
65 46.9 35.3 52.9

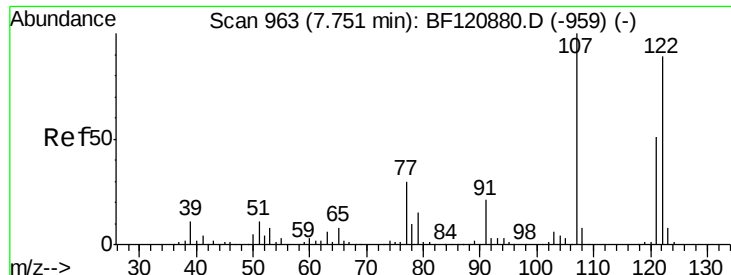


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

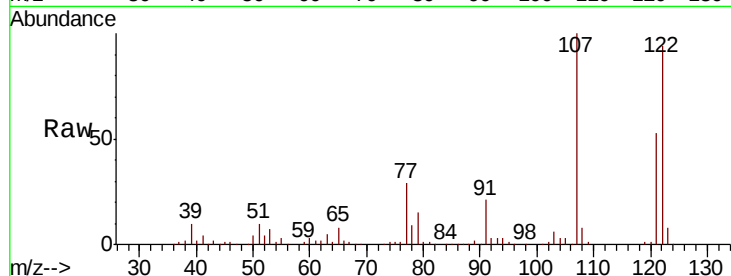




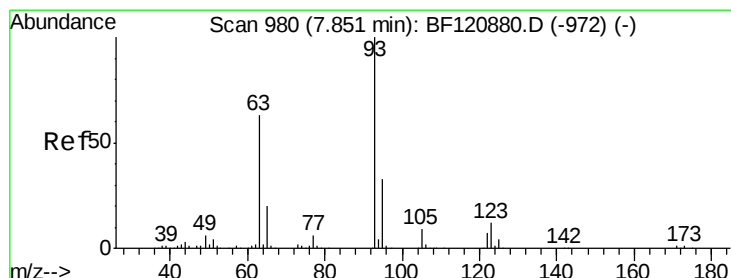
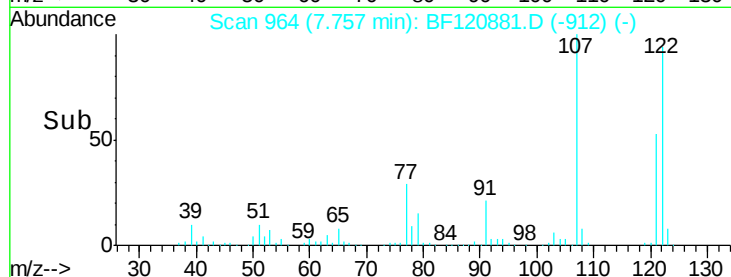
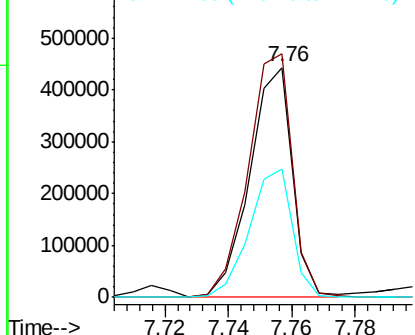
#27
2,4-Dimethylphenol
Concen: 48.231 ng
RT: 7.76 min Scan# 964
Delta R.T. 0.01 min
Lab File: BF120881.D
Acq: 16 Jul 2020 12:11

Instrument :
BNA_P
ClientSampleId :

Tot Ion:122 Resp: 412898
Ion Ratio Lower Upper
122 100
107 106.0 89.4 134.0
121 56.1 46.0 69.0

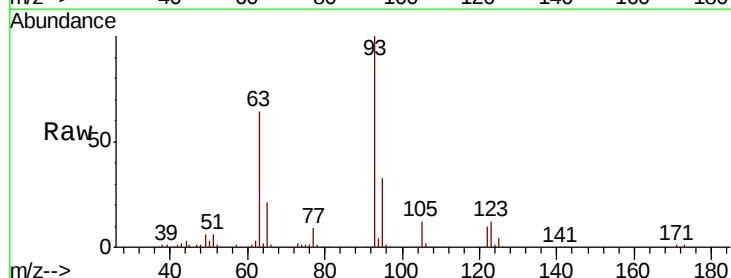


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

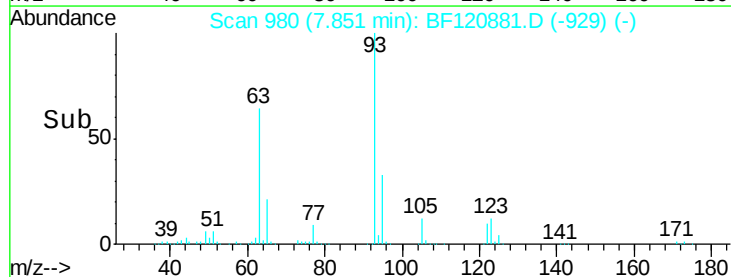
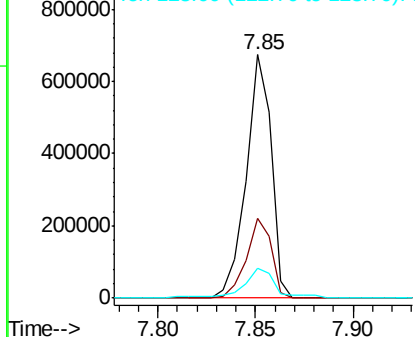


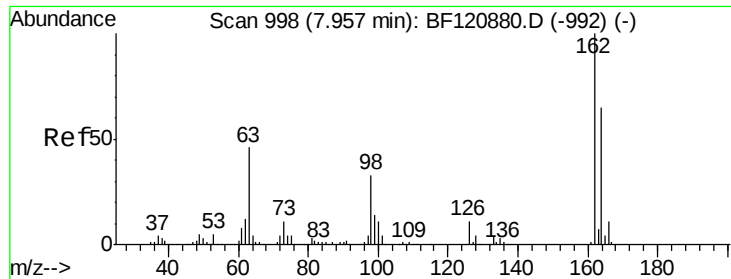
#28
bis(2-Chloroethoxy)methane
Concen: 47.225 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.00 min
Lab File: BF120881.D
Acq: 16 Jul 2020 12:11

Tgt Ion: 93 Resp: 599402
Ion Ratio Lower Upper
93 100
95 32.5 26.6 39.8
123 12.2 10.0 15.0



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

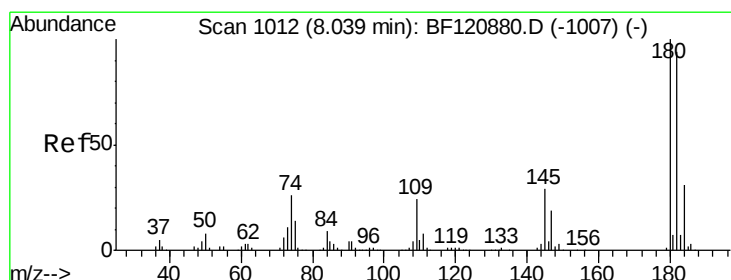
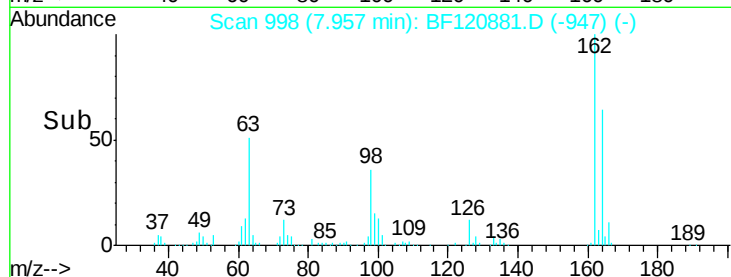
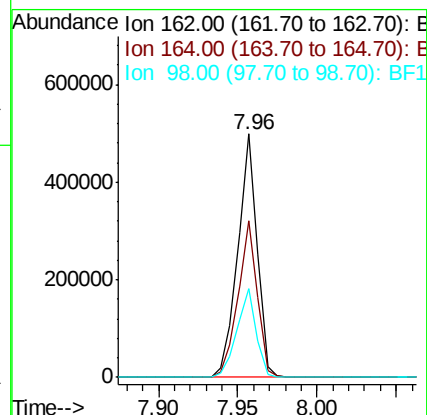
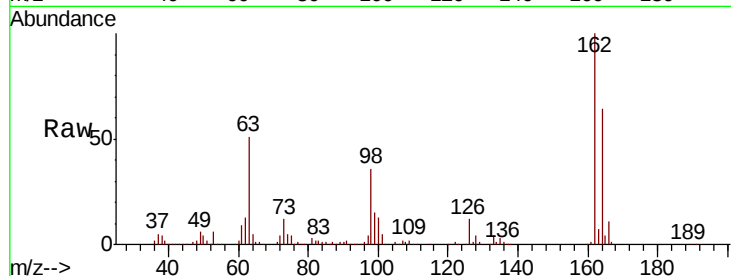




#29
2,4-Dichlorophenol
Concen: 49.667 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.00 min
Lab File: BF120881.D
Acq: 16 Jul 2020 12:11

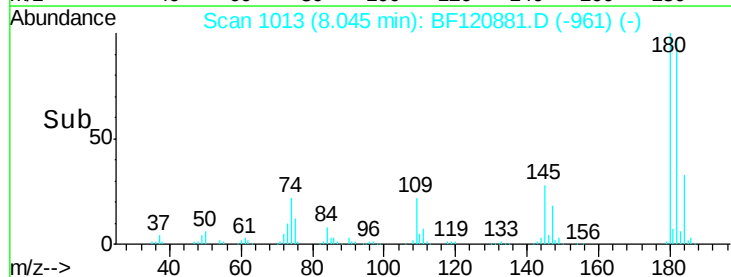
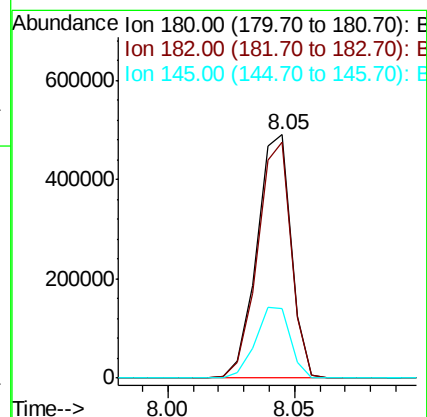
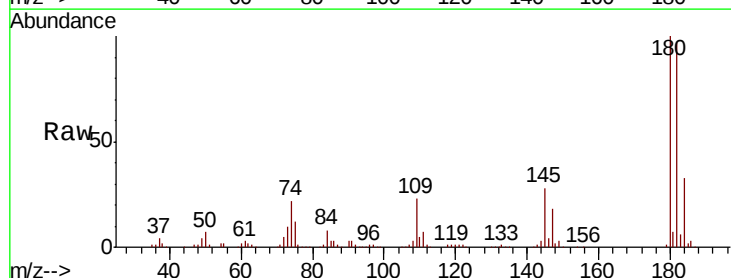
Instrument :
BNA_P
ClientSampleId :

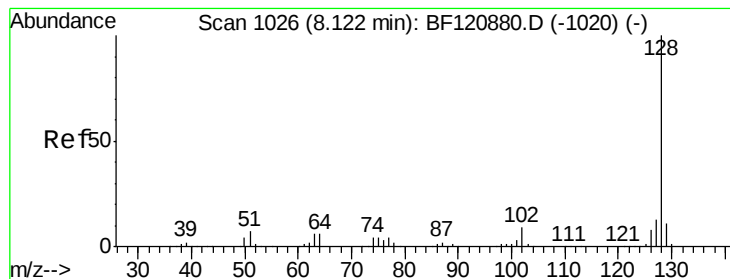
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	45.3	85.3
98	36.2	13.3	53.3



#30
1,2,4-Trichlorobenzene
Concen: 48.335 ng
RT: 8.05 min Scan# 1013
Delta R.T. 0.01 min
Lab File: BF120881.D
Acq: 16 Jul 2020 12:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	75.0	112.6
145	28.4	23.5	35.3





#31

Naphthalene

Concen: 45.944 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF120881.D

Acq: 16 Jul 2020 12:11

Instrument :

BNA_P

ClientSampleId :

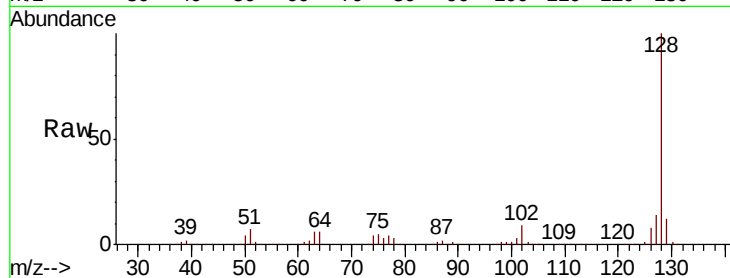
Tot Ion:128 Resp: 1414663

Ion Ratio Lower Upper

128 100

129 11.9 9.1 13.7

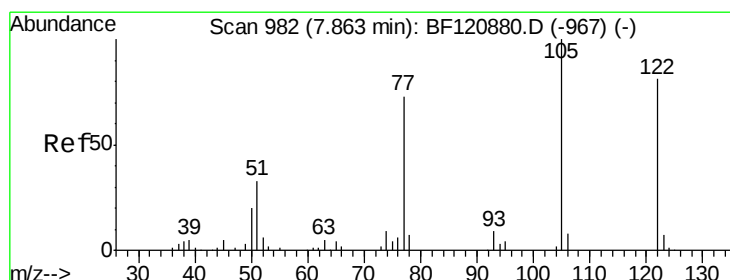
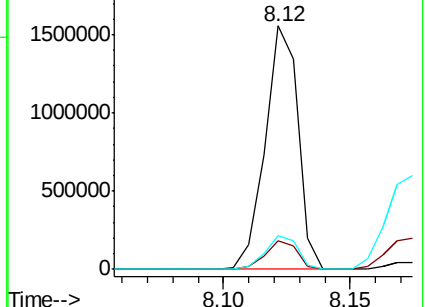
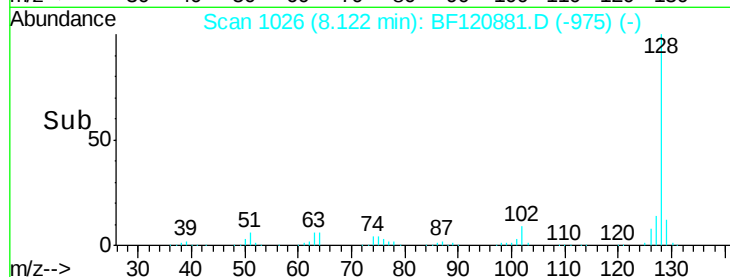
127 14.0 10.7 16.1



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: 69.341 ng

RT: 7.88 min Scan# 985

Delta R.T. 0.02 min

Lab File: BF120881.D

Acq: 16 Jul 2020 12:11

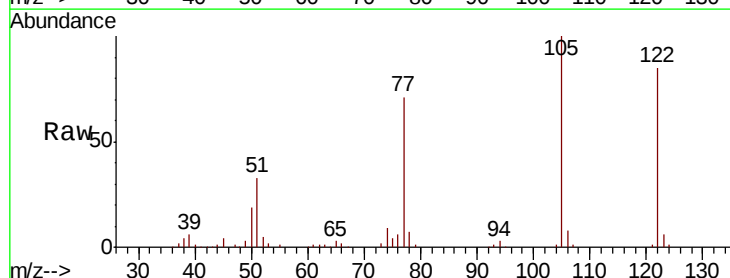
Tgt Ion:122 Resp: 321262

Ion Ratio Lower Upper

122 100

105 118.2 101.3 141.3

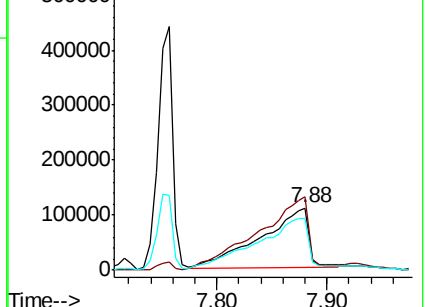
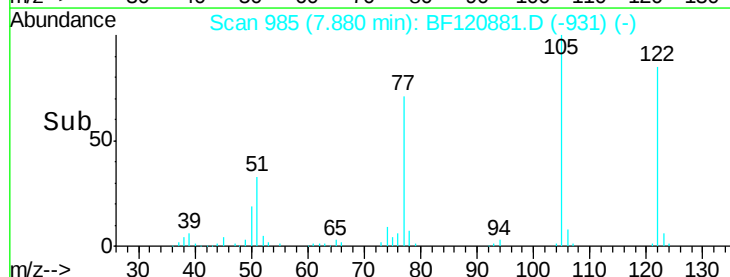
77 83.8 69.1 109.1

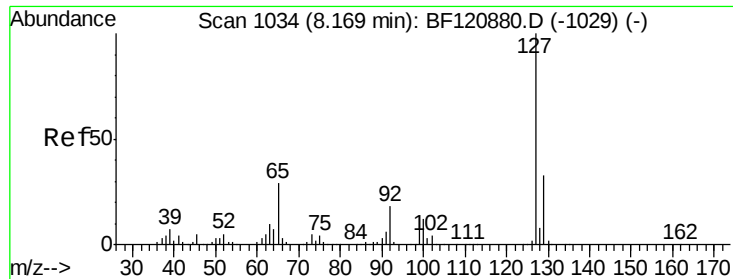


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

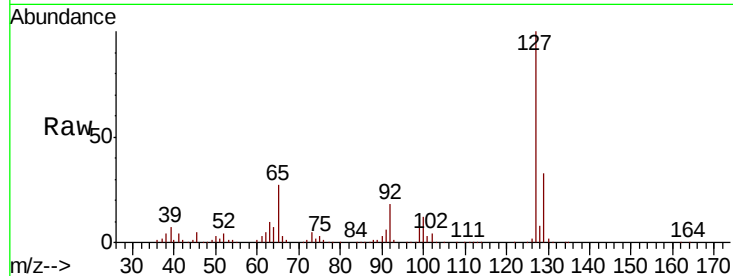




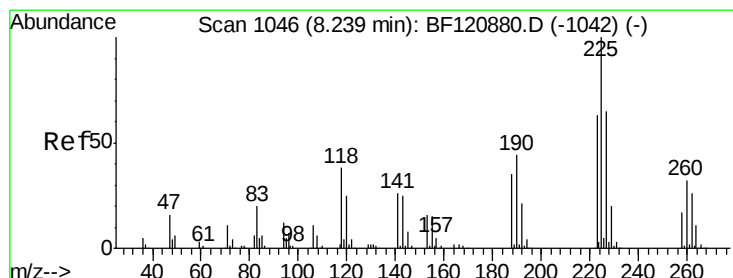
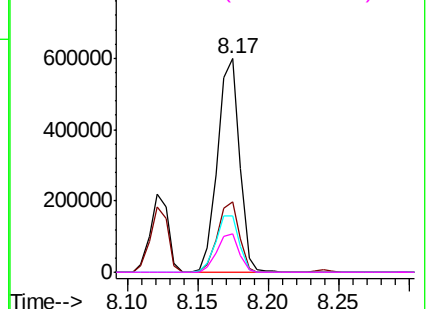
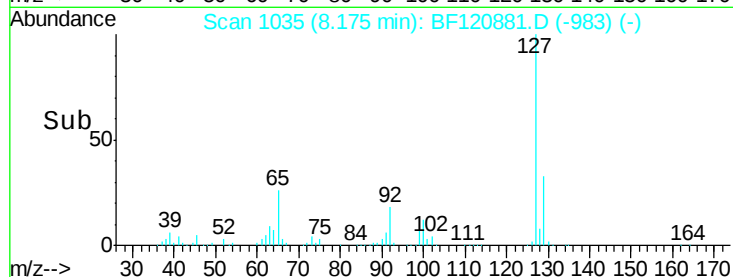
#33
4-Chloroaniline
Concen: 49.653 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.01 min
Lab File: BF120881.D
Acq: 16 Jul 2020 12:11

Instrument :
BNA_P
ClientSampled :

Tot Ion:	127	Resp:	648750
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.5	39.7
65	26.6	23.0	34.4
92	17.9	14.5	21.7

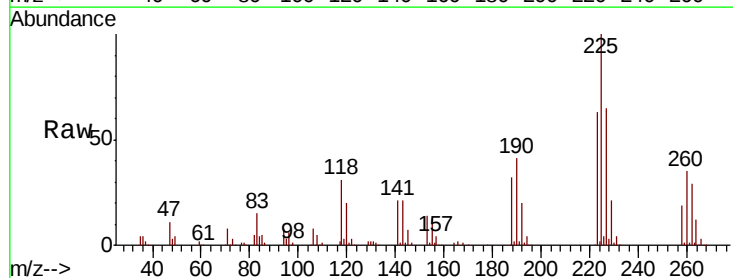


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

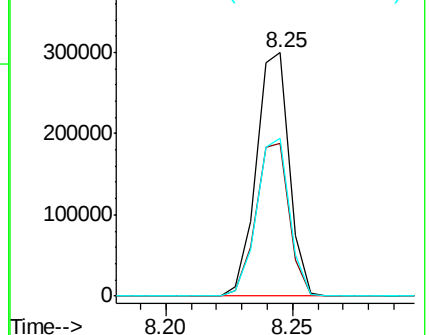
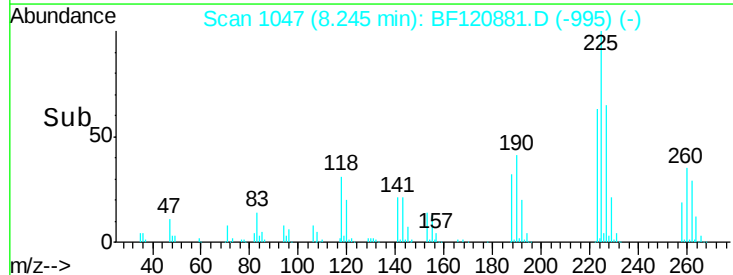


#34
Hexachlorobutadiene
Concen: 46.970 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.01 min
Lab File: BF120881.D
Acq: 16 Jul 2020 12:11

Tgt Ion:	225	Resp:	271164
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.6	76.0
227	64.8	52.2	78.2



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

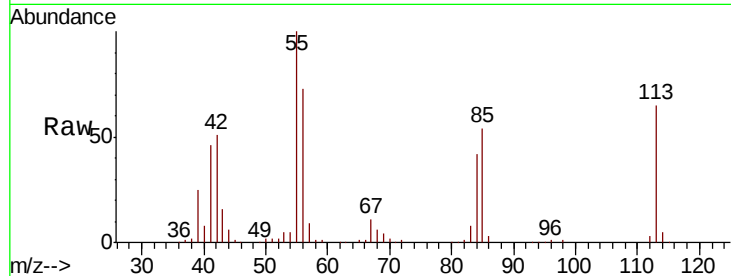




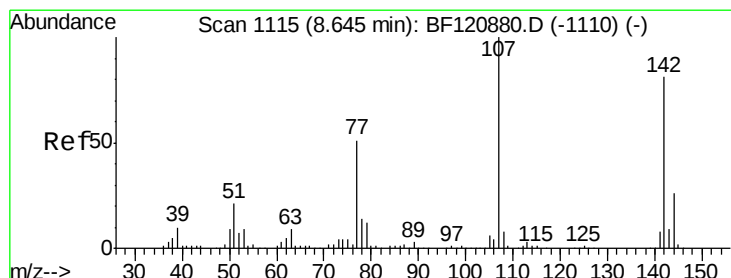
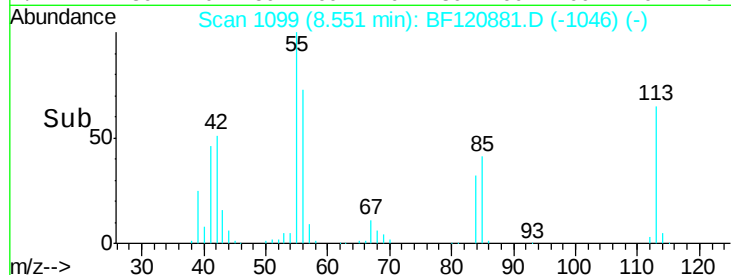
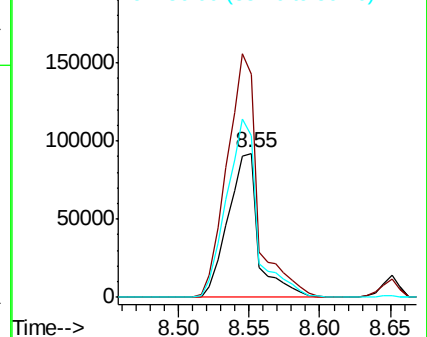
#35
Caprolactam
Concen: 55.980 ng
RT: 8.55 min Scan# 1099
Delta R.T. 0.01 min
Lab File: BF120881.D
Acq: 16 Jul 2020 12:11

Instrument :
BNA_P
ClientSampleId :

Tot Ion:113 Resp: 139405
Ion Ratio Lower Upper
113 100
55 154.9 143.3 183.3
56 112.6 99.4 139.4

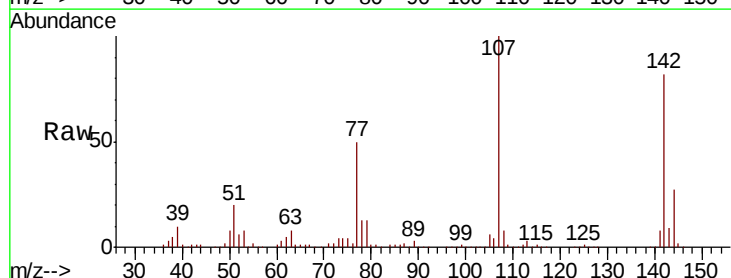


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

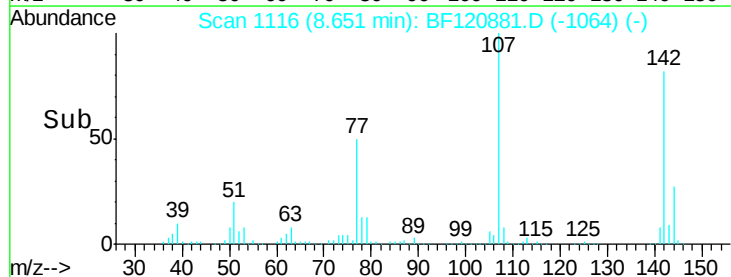
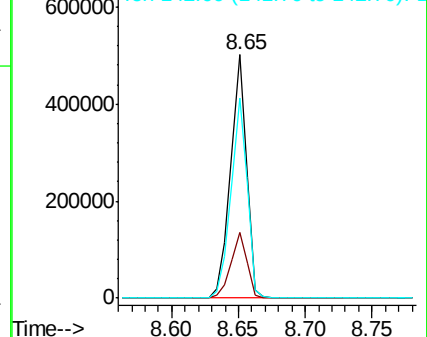


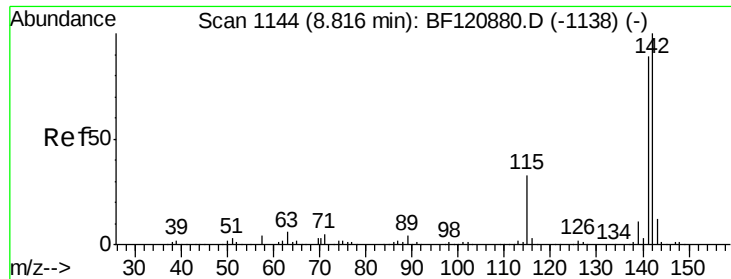
#36
4-Chloro-3-methylphenol
Concen: 48.633 ng
RT: 8.65 min Scan# 1116
Delta R.T. 0.01 min
Lab File: BF120881.D
Acq: 16 Jul 2020 12:11

Tgt Ion:107 Resp: 432350
Ion Ratio Lower Upper
107 100
144 27.0 21.0 31.6
142 82.1 65.0 97.6



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

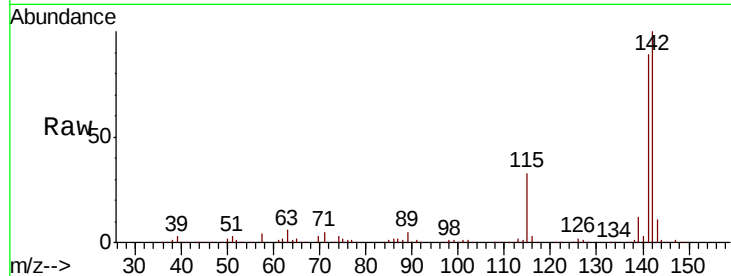




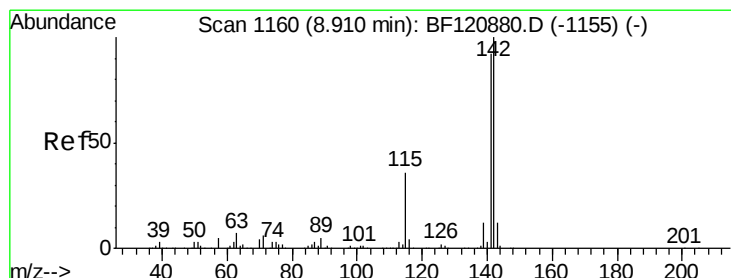
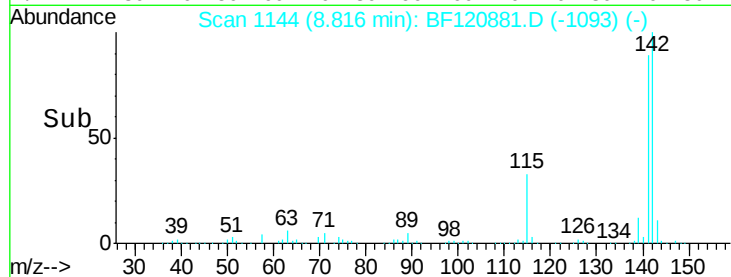
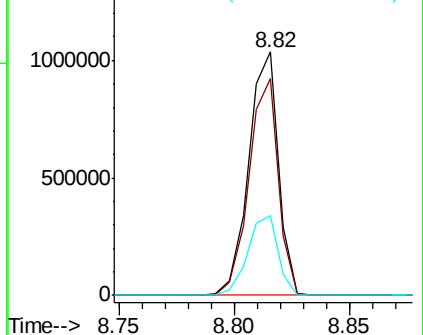
#37
2-Methylnaphthalene
Concen: 46.614 ng
RT: 8.82 min Scan# 1144
Delta R.T. 0.00 min
Lab File: BF120881.D
Acq: 16 Jul 2020 12:11

Instrument :
BNA_P
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.0	106.4
115	33.0	26.0	39.0

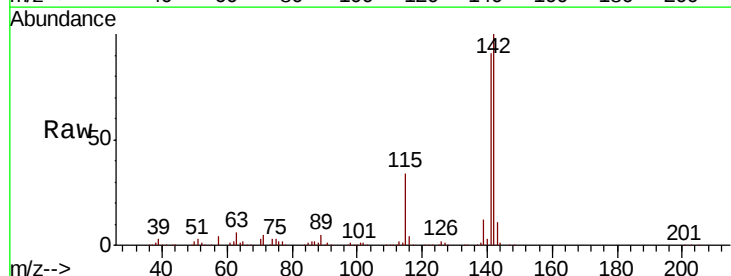


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

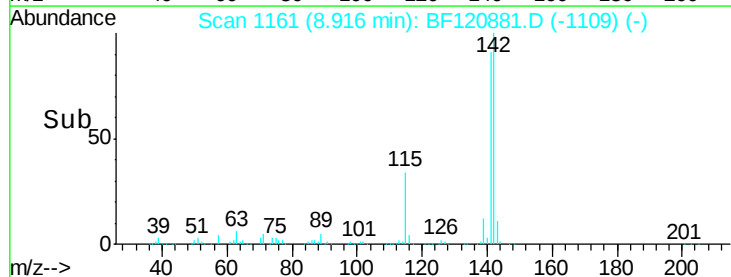
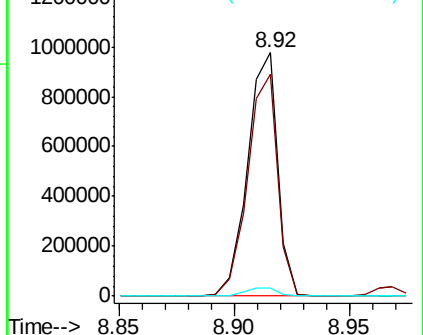


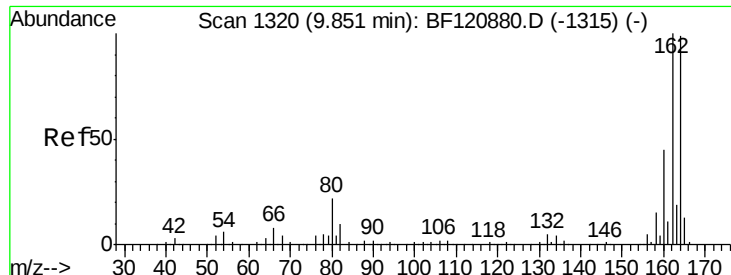
#38
1-Methylnaphthalene
Concen: 47.293 ng
RT: 8.92 min Scan# 1161
Delta R.T. 0.01 min
Lab File: BF120881.D
Acq: 16 Jul 2020 12:11

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	73.7	110.5
116	3.6	3.0	4.6



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.86 min Scan# 1321

Delta R.T. 0.01 min

Lab File: BF120881.D

Acq: 16 Jul 2020 12:11

Instrument :

BNA_P

ClientSampleId :

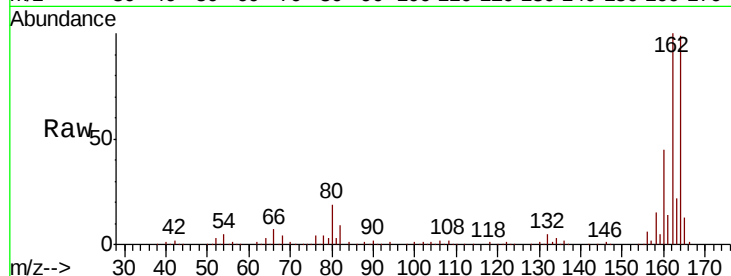
Tot Ion:164 Resp: 297086

Ion Ratio Lower Upper

164 100

162 100.9 81.2 121.8

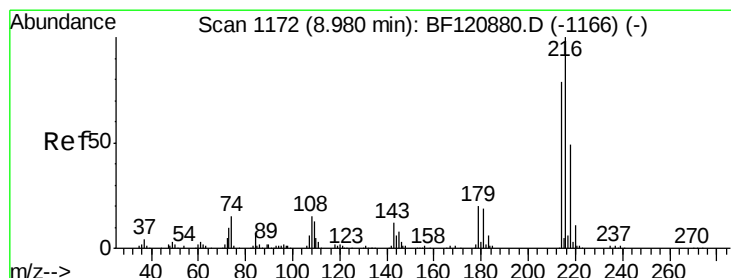
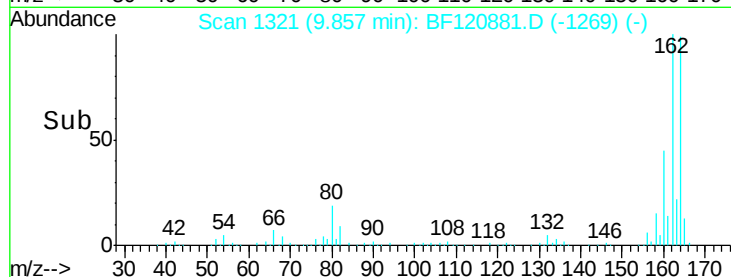
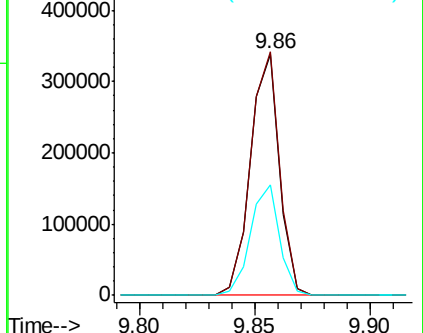
160 45.6 36.9 55.3



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: 47.049 ng

RT: 8.98 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BF120881.D

Acq: 16 Jul 2020 12:11

Tgt Ion:216 Resp: 422438

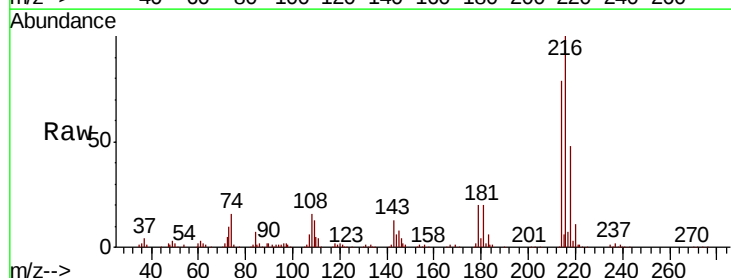
Ion Ratio Lower Upper

216 100

214 79.0 63.8 95.8

179 20.6 16.6 24.8

108 19.3 15.4 23.0

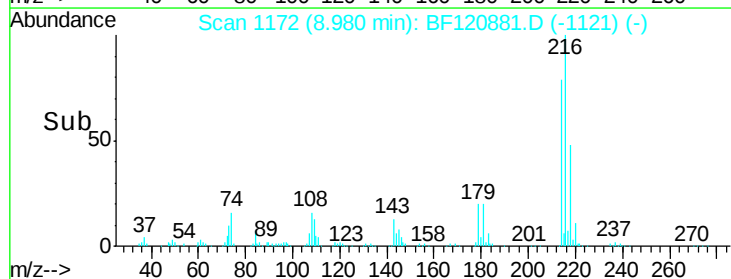
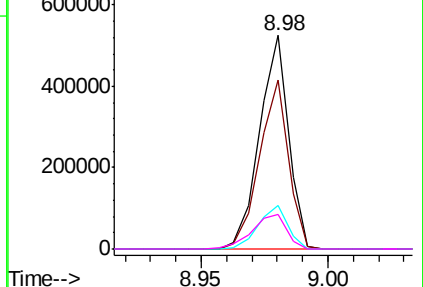


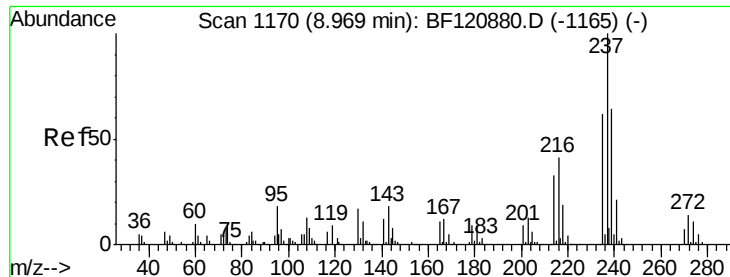
Abundance Ion 216.00 (215.70 to 216.70): E

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: 47.166 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF120881.D

Acq: 16 Jul 2020 12:11

Instrument :

BNA_P

ClientSampleId :

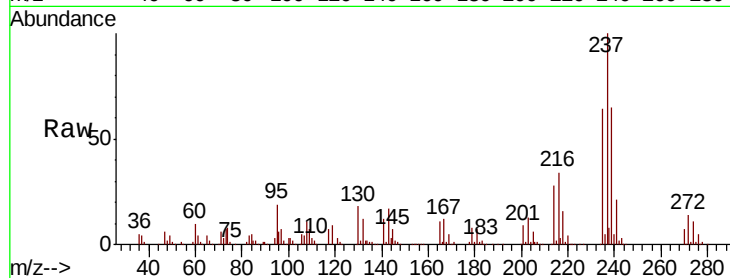
Tot Ion:237 Resp: 250210

Ion Ratio Lower Upper

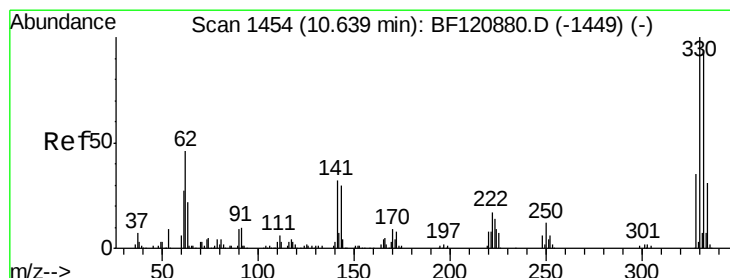
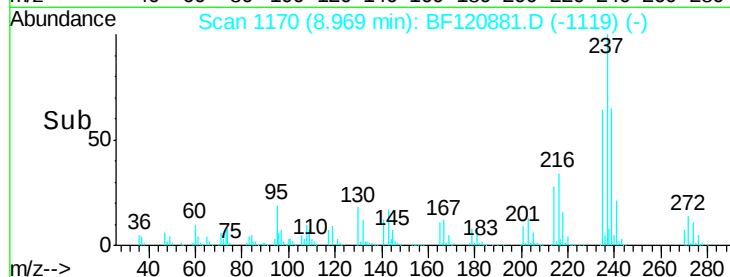
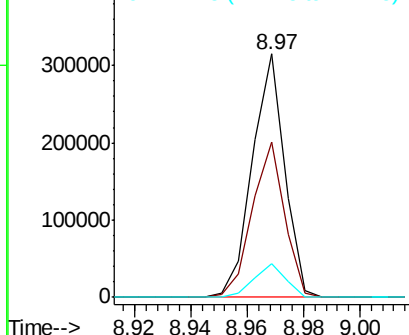
237 100

235 63.6 41.6 81.6

272 13.8 0.0 33.7



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: 110.419 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.01 min

Lab File: BF120881.D

Acq: 16 Jul 2020 12:11

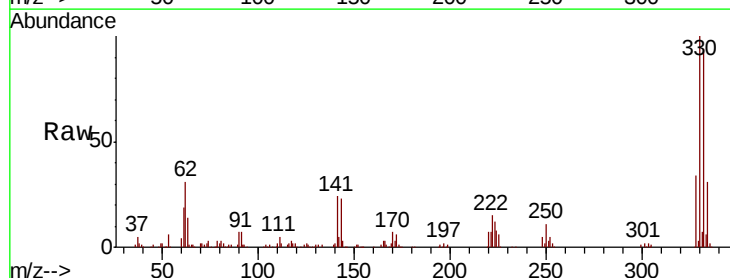
Tgt Ion:330 Resp: 329564

Ion Ratio Lower Upper

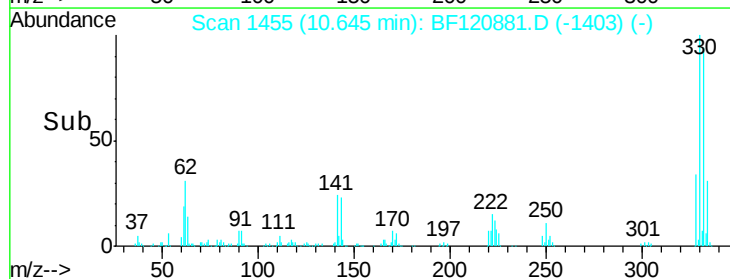
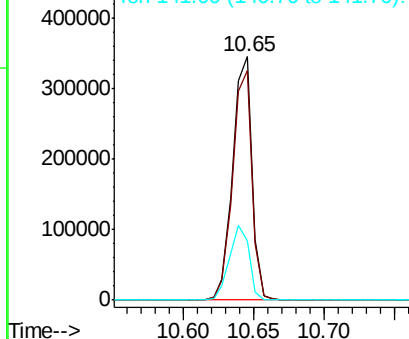
330 100

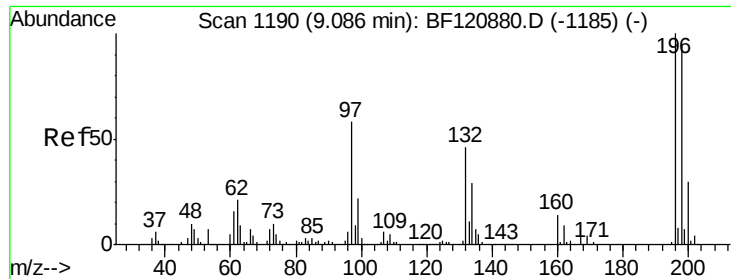
332 94.7 75.5 113.3

141 31.4 25.7 38.5



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

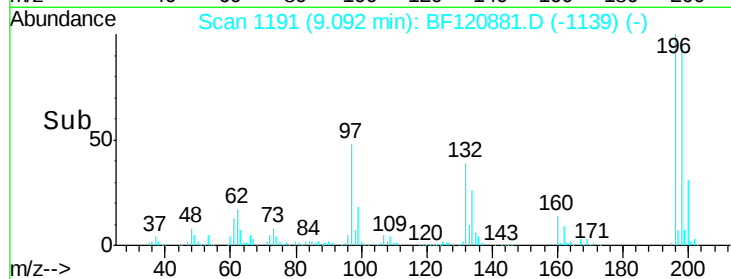
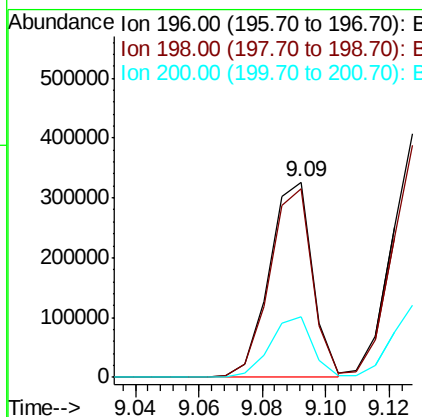
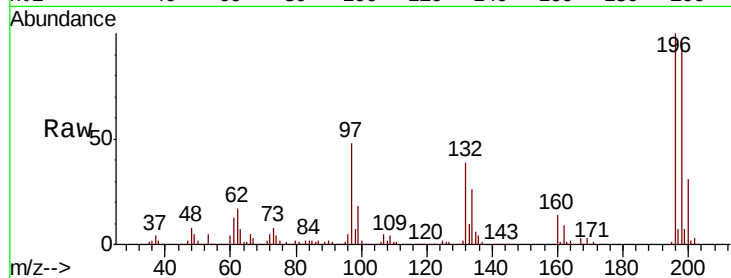




#43
 2,4,6-Trichlorophenol
 Concen: 50.619 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: BF120881.D
 Acq: 16 Jul 2020 12:11

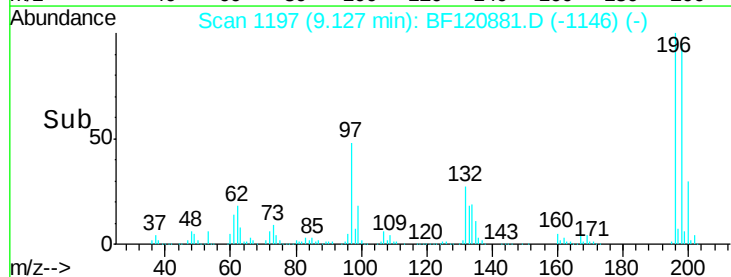
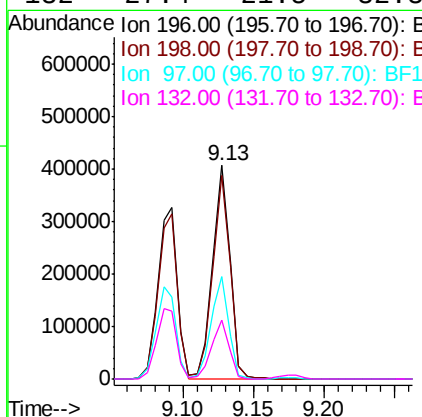
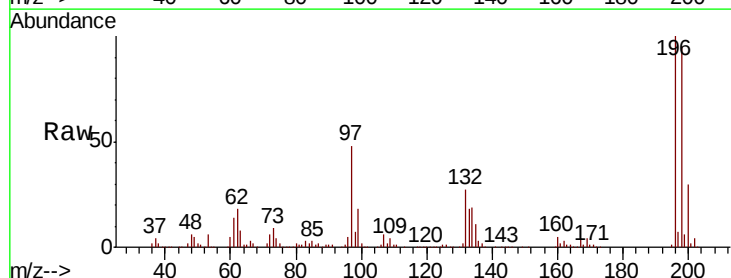
Instrument :
 BNA_P
 ClientSampleId :

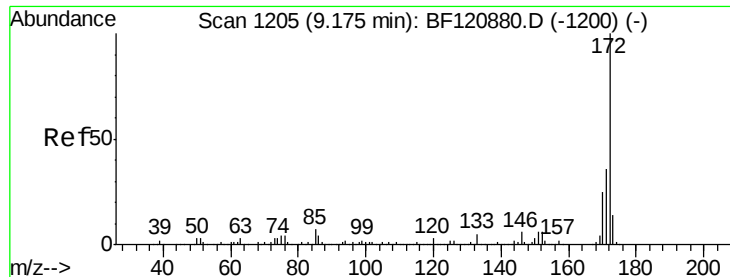
Tot Ion:196 Resp: 309693
 Ion Ratio Lower Upper
 196 100
 198 96.5 75.7 113.5
 200 31.3 24.4 36.6



#44
 2,4,5-Trichlorophenol
 Concen: 51.691 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF120881.D
 Acq: 16 Jul 2020 12:11

Tgt Ion:196 Resp: 350976
 Ion Ratio Lower Upper
 196 100
 198 95.2 77.6 116.4
 97 47.7 35.6 53.4
 132 27.4 21.5 32.3

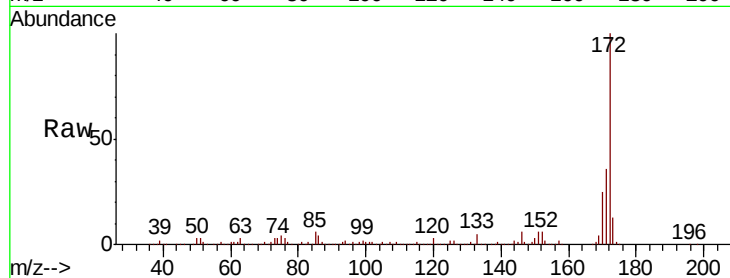




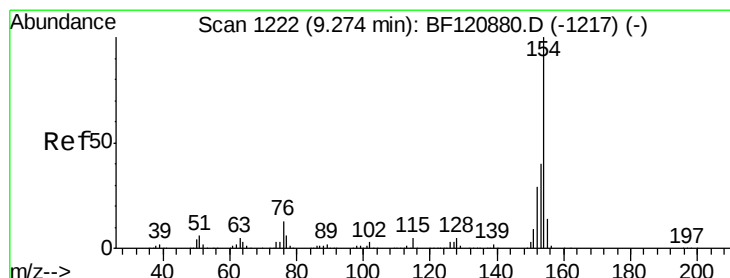
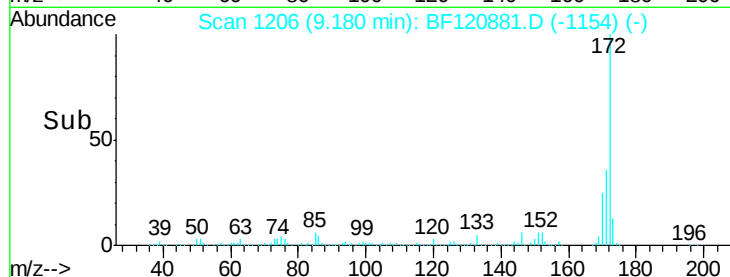
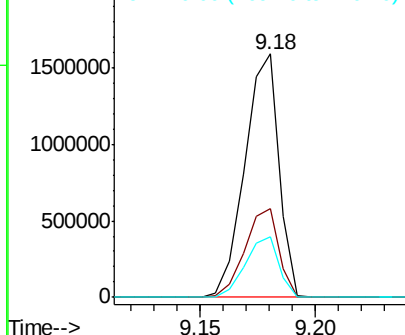
#45
2-Fluorobiphenyl
Concen: 83.734 ng
RT: 9.18 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BF120881.D
Acq: 16 Jul 2020 12:11

Instrument :
BNA_P
ClientSampleId :

Tot Ion:172 Resp: 1644230
Ion Ratio Lower Upper
172 100
171 36.3 29.0 43.4
170 25.0 19.6 29.4

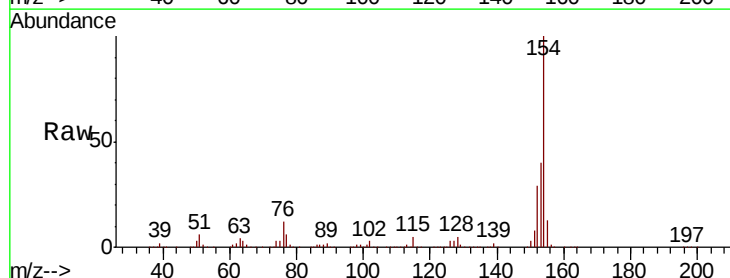


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

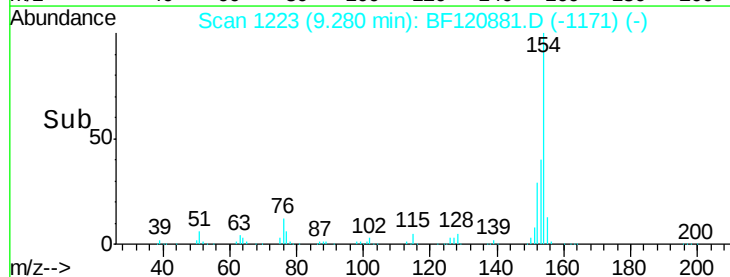
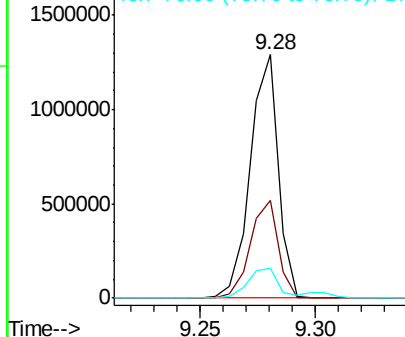


#46
1,1'-Biphenyl
Concen: 45.764 ng
RT: 9.28 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BF120881.D
Acq: 16 Jul 2020 12:11

Tgt Ion:154 Resp: 1096687
Ion Ratio Lower Upper
154 100
153 40.2 20.4 60.4
76 12.1 0.0 33.1



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

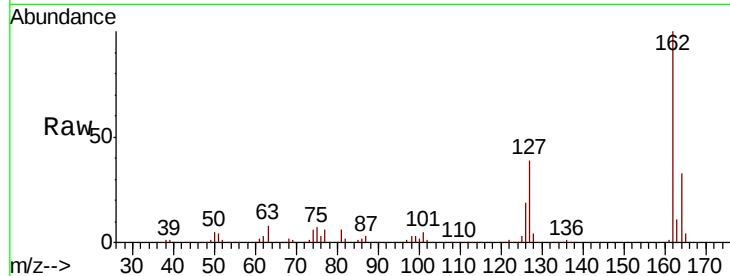




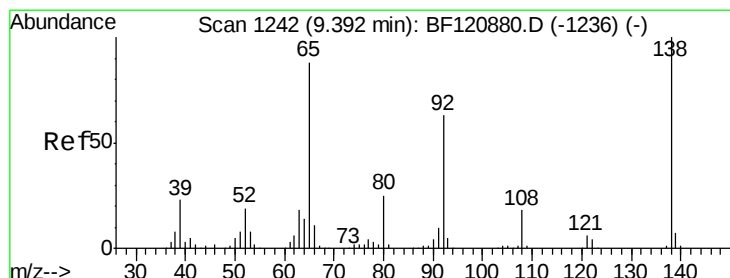
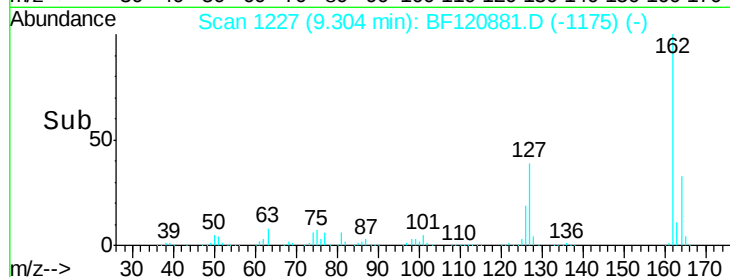
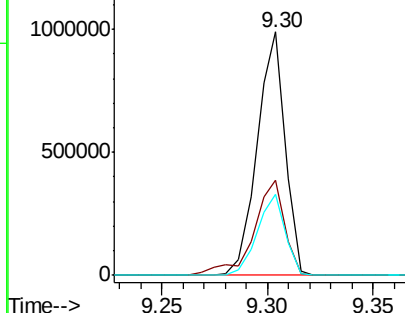
#47
2-Chloronaphthalene
Concen: 47.343 ng
RT: 9.30 min Scan# 1227
Delta R.T. 0.01 min
Lab File: BF120881.D
Acq: 16 Jul 2020 12:11

Instrument :
BNA_P
ClientSampled :

Tot Ion:162 Resp: 908892
Ion Ratio Lower Upper
162 100
127 39.3 33.3 49.9
164 33.3 26.6 39.8

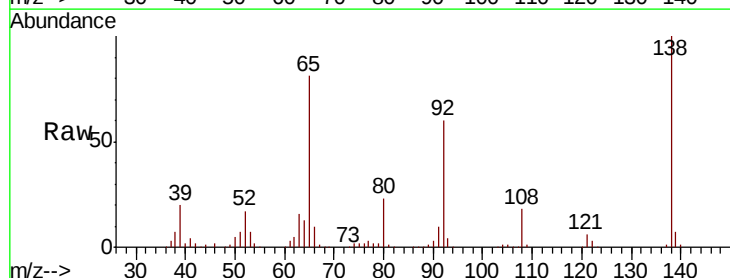


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

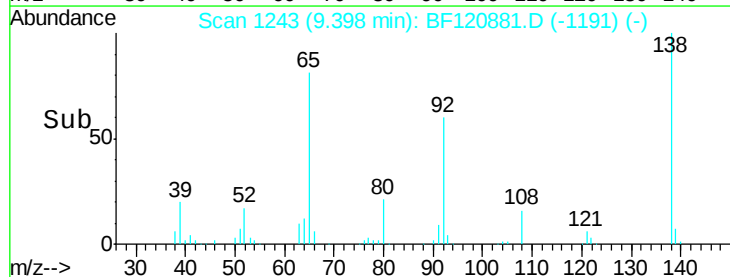
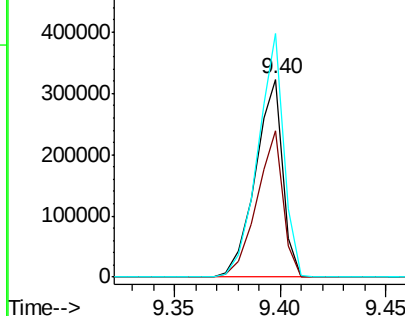


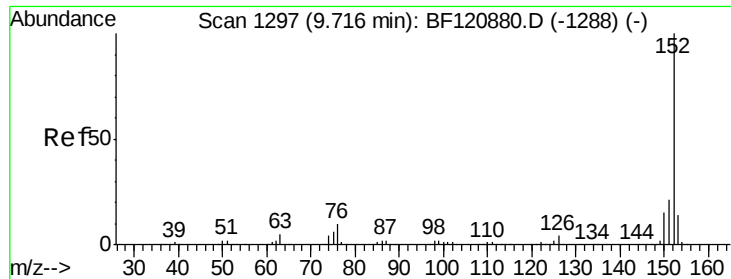
#48
2-Nitroaniline
Concen: 56.484 ng
RT: 9.40 min Scan# 1243
Delta R.T. 0.01 min
Lab File: BF120881.D
Acq: 16 Jul 2020 12:11

Tgt Ion: 65 Resp: 290137
Ion Ratio Lower Upper
65 100
92 73.7 57.0 85.4
138 122.9 90.4 135.6



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: 46.636 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BF120881.D

Acq: 16 Jul 2020 12:11

Instrument :

BNA_P

ClientSampleId :

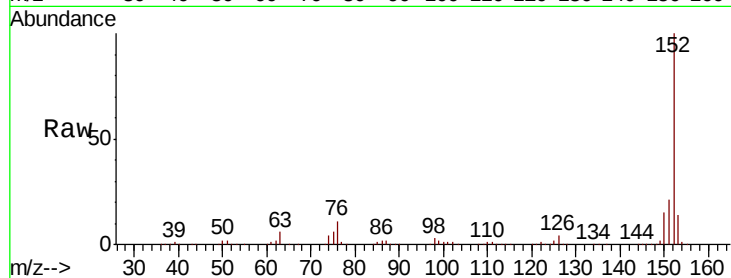
Tot Ion:152 Resp: 1403690

Ion Ratio Lower Upper

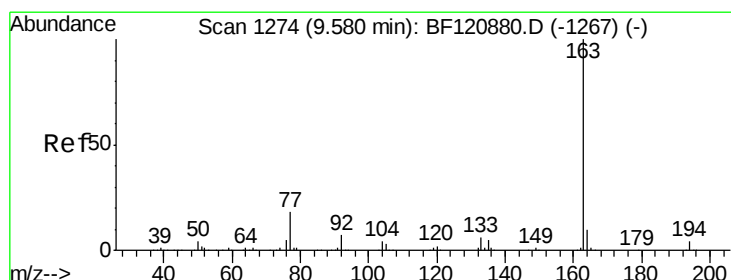
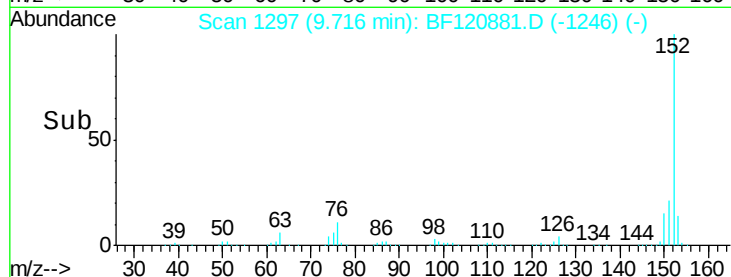
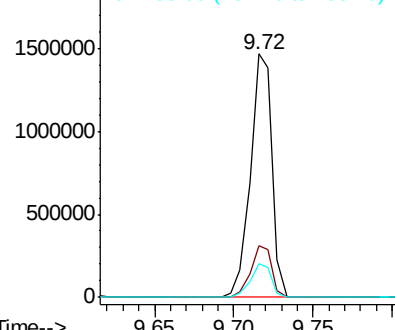
152 100

151 21.0 16.6 25.0

153 14.0 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E
2000000 Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 48.685 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.00 min

Lab File: BF120881.D

Acq: 16 Jul 2020 12:11

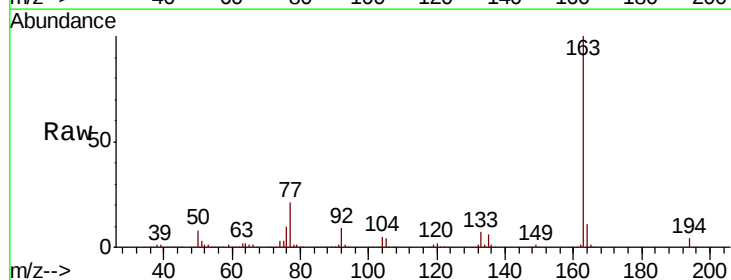
Tgt Ion:163 Resp: 1055093

Ion Ratio Lower Upper

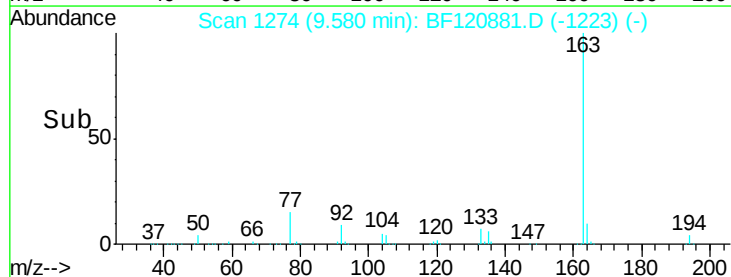
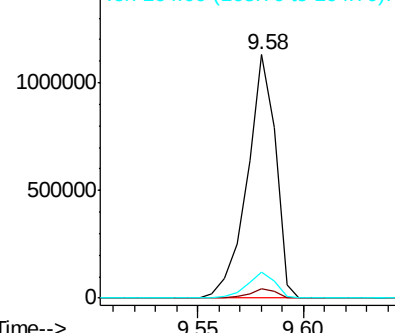
163 100

194 4.0 3.2 4.8

164 10.7 7.9 11.9



Abundance Ion 163.00 (162.70 to 163.70): E
1500000 Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 60.965 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.01 min

Lab File: BF120881.D

Acq: 16 Jul 2020 12:11

Instrument :

BNA_P

ClientSampleId :

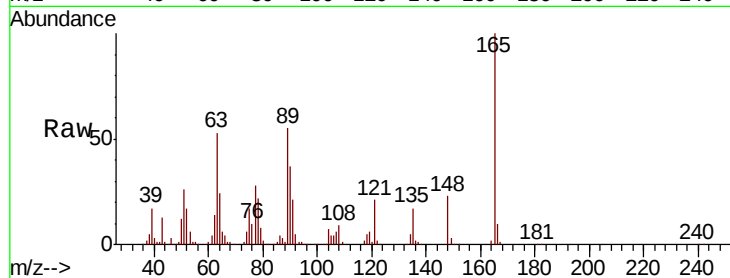
Tot Ion:165 Resp: 238691

Ion Ratio Lower Upper

165 100

63 53.5 45.4 68.2

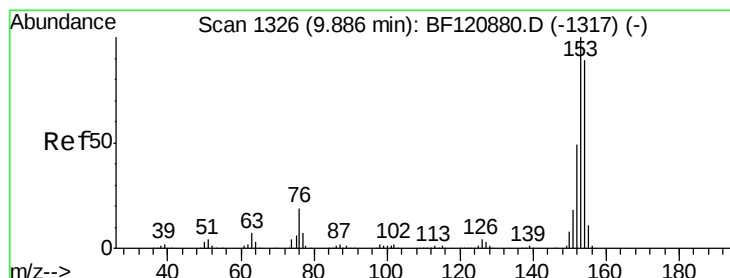
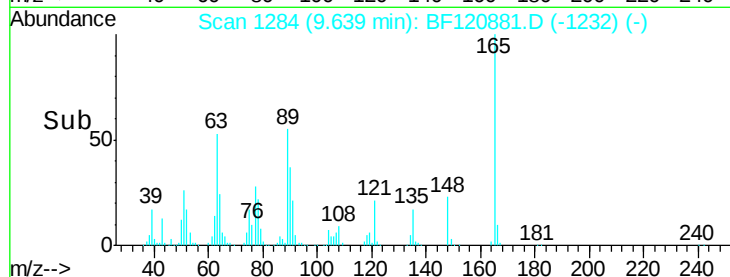
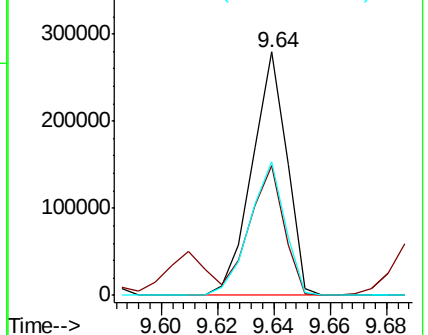
89 55.0 47.0 70.4



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: 48.228 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.01 min

Lab File: BF120881.D

Acq: 16 Jul 2020 12:11

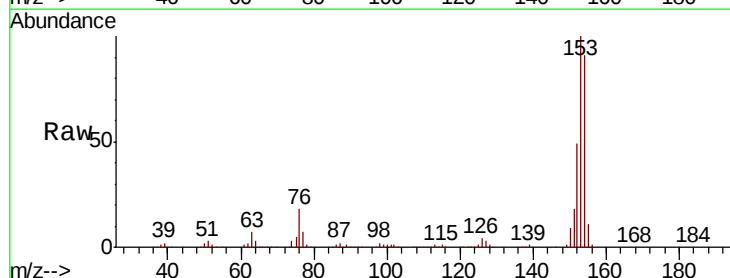
Tgt Ion:154 Resp: 900541

Ion Ratio Lower Upper

154 100

153 110.3 89.5 134.3

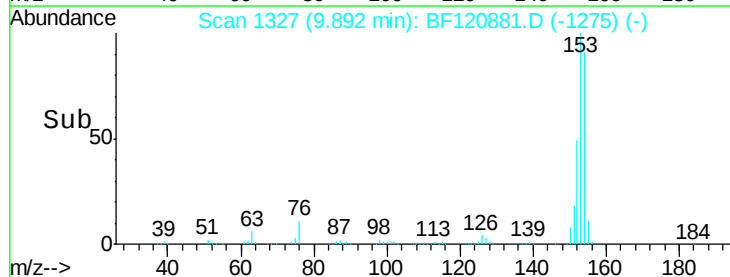
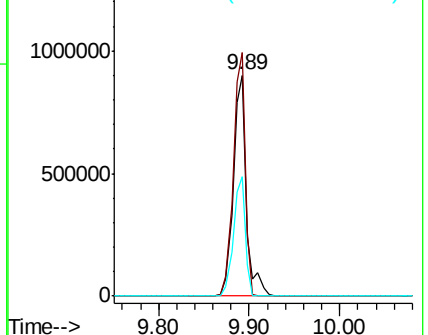
152 54.2 44.2 66.2

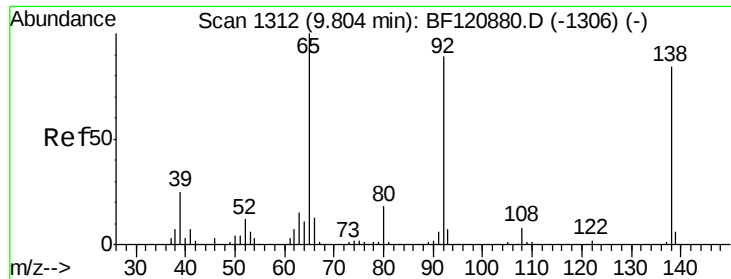


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

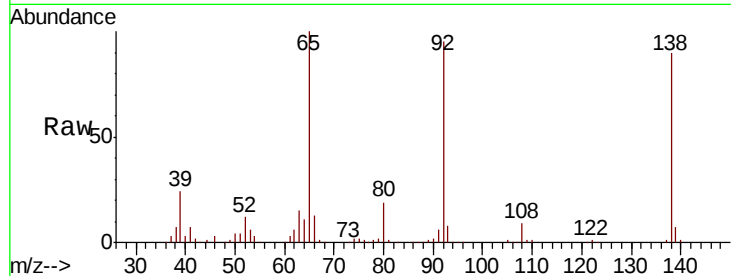




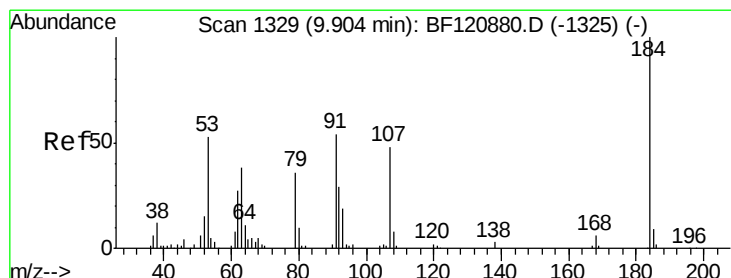
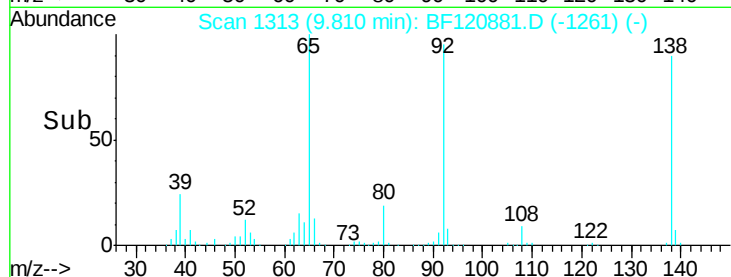
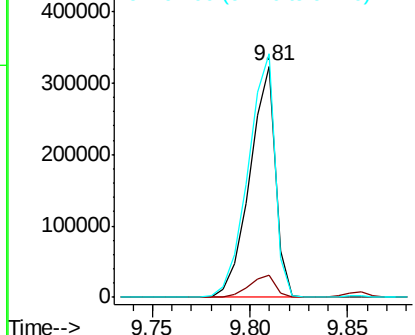
#53
3-Nitroaniline
Concen: 61.121 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BF120881.D
Acq: 16 Jul 2020 12:11

Instrument :
BNA_P
ClientSampleId :

Tot Ion:138 Resp: 295642
Ion Ratio Lower Upper
138 100
108 9.8 7.9 11.9
92 105.4 85.3 127.9

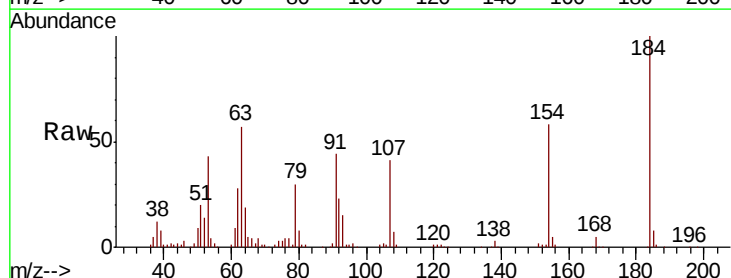


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

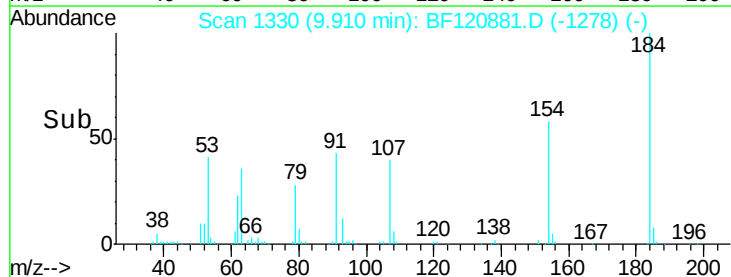
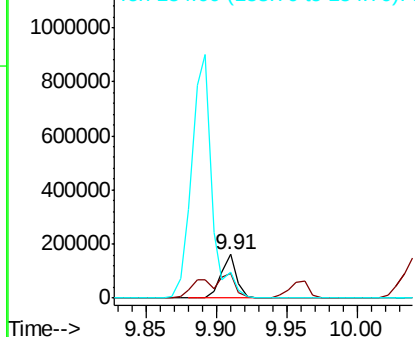


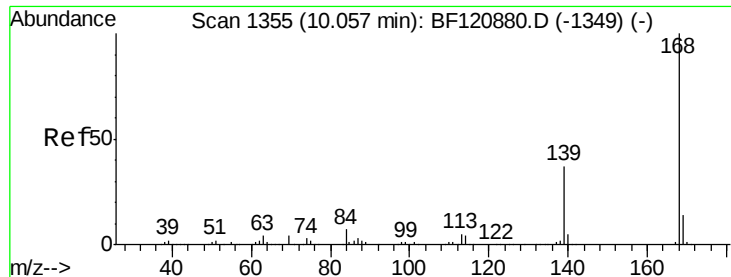
#54
2,4-Dinitrophenol
Concen: 98.395 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF120881.D
Acq: 16 Jul 2020 12:11

Tgt Ion:184 Resp: 127230
Ion Ratio Lower Upper
184 100
63 57.3 57.9 86.9#
154 58.5 52.6 78.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

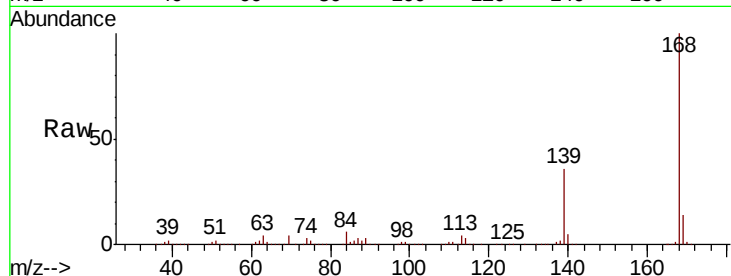




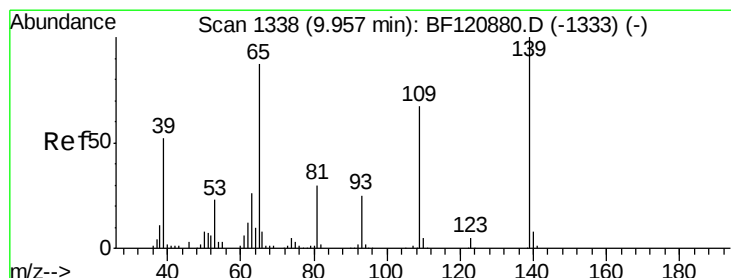
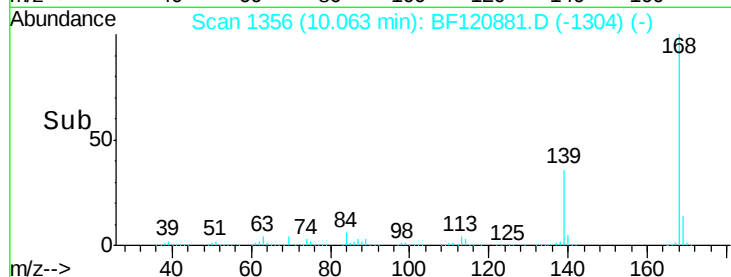
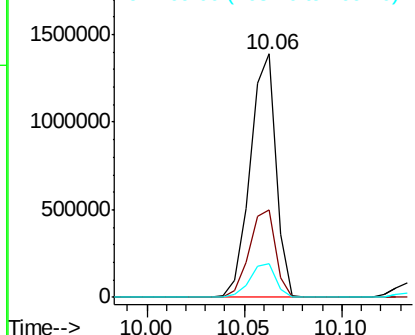
#55
Dibenzofuran
Concen: 47.189 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF120881.D
Acq: 16 Jul 2020 12:11

Instrument :
BNA_P
ClientSampleId :

Tot Ion:168 Resp: 1270136
Ion Ratio Lower Upper
168 100
139 35.9 29.7 44.5
169 13.6 11.1 16.7

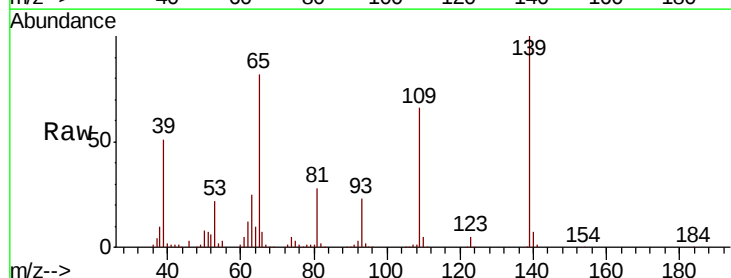


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

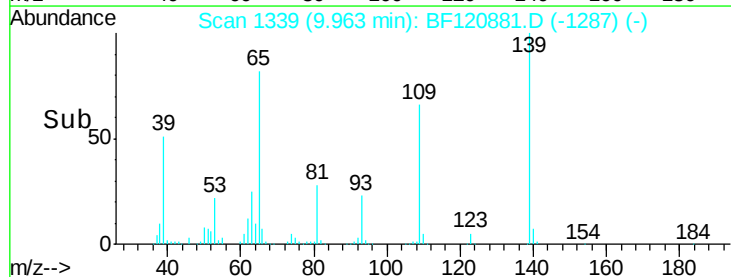
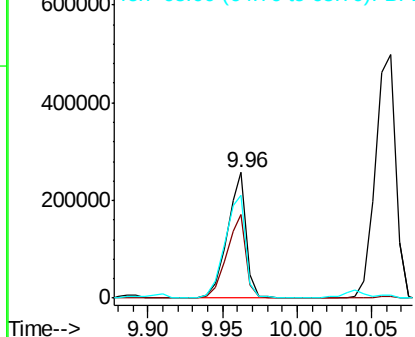


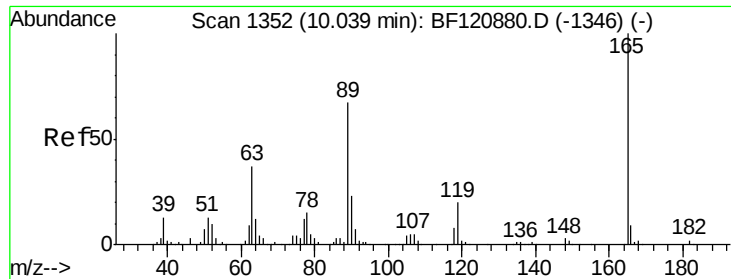
#56
4-Nitrophenol
Concen: 65.209 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF120881.D
Acq: 16 Jul 2020 12:11

Tgt Ion:139 Resp: 231673
Ion Ratio Lower Upper
139 100
109 66.3 47.3 87.3
65 81.9 67.2 107.2



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

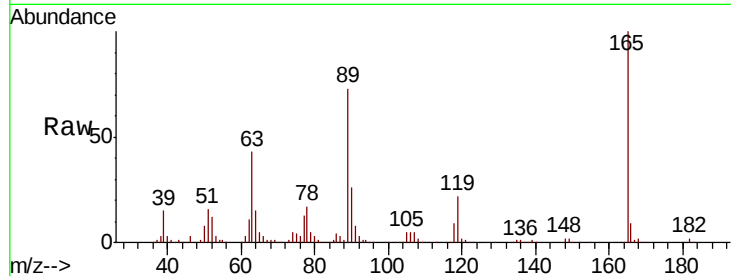




#57
2,4-Dinitrotoluene
Concen: 68.040 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BF120881.D
Acq: 16 Jul 2020 12:11

Instrument :
BNA_P
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.3	29.4	44.2
89	73.2	53.4	80.0
182	2.4	1.8	2.6



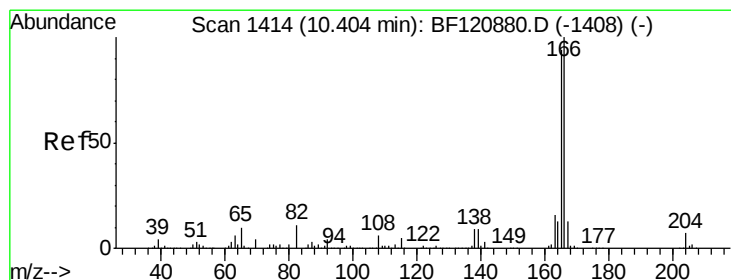
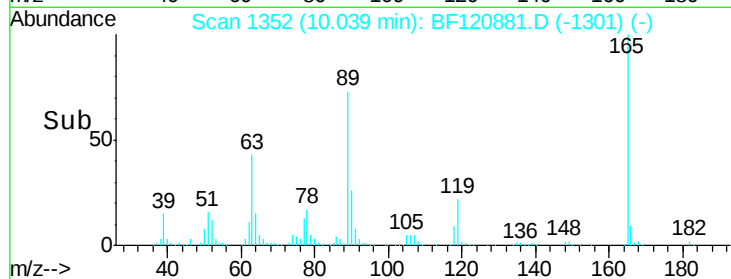
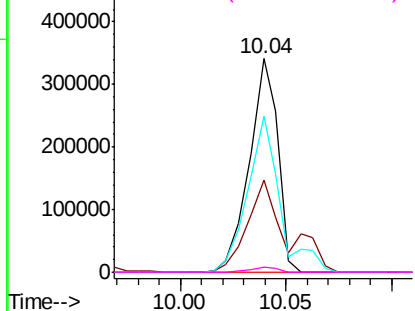
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

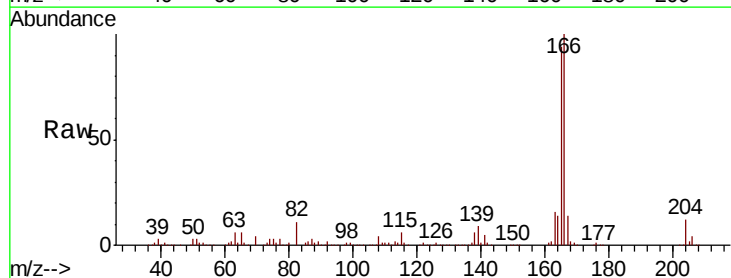
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 43.734 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF120881.D
Acq: 16 Jul 2020 12:11

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.4	75.4	113.0
167	13.5	10.6	15.8

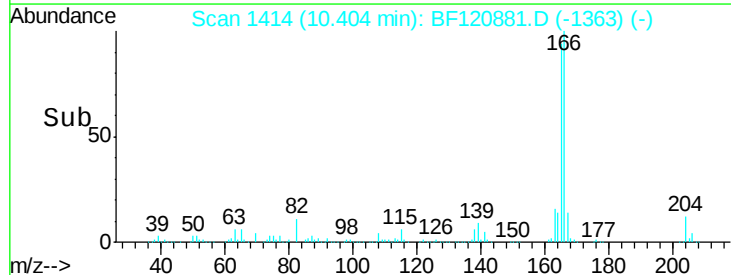
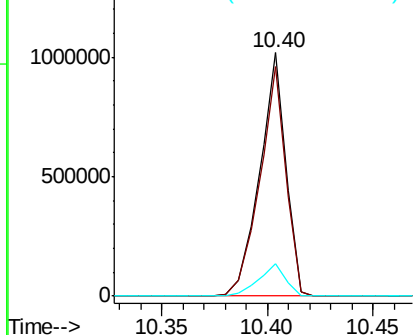


Abundance

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: 53.863 ng

RT: 10.17 min Scan# 1375

Delta R.T. -0.00 min

Lab File: BF120881.D

Acq: 16 Jul 2020 12:11

Instrument :

BNA_P

ClientSampled :

Tot Ion:232 Resp: 272151

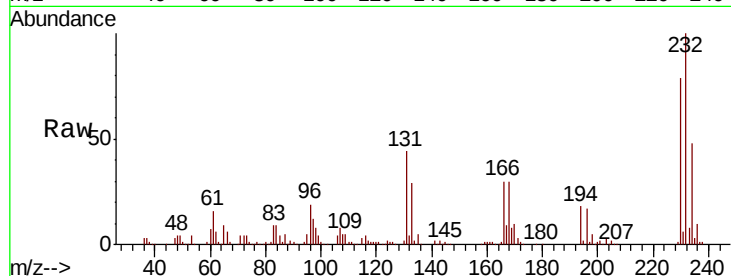
Ion Ratio Lower Upper

232 100

131 44.6 37.1 55.7

130 2.3 1.7 2.5

166 29.6 24.2 36.4

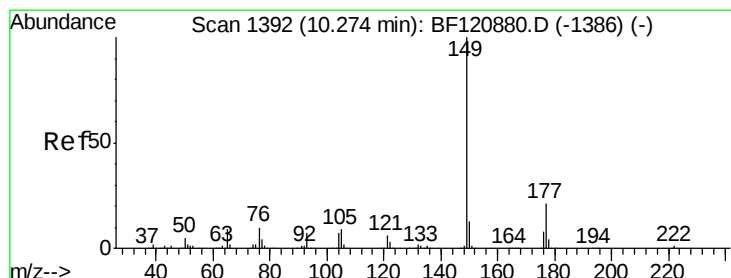
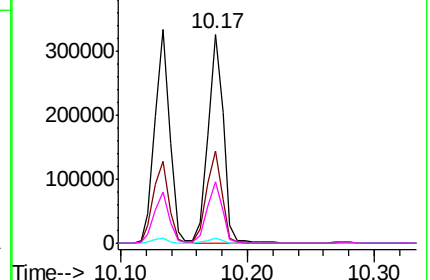
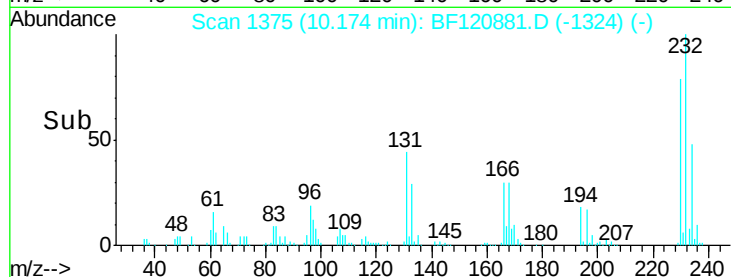


Abundance Ion 232.00 (231.70 to 232.70): E

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: 47.867 ng

RT: 10.28 min Scan# 1393

Delta R.T. 0.01 min

Lab File: BF120881.D

Acq: 16 Jul 2020 12:11

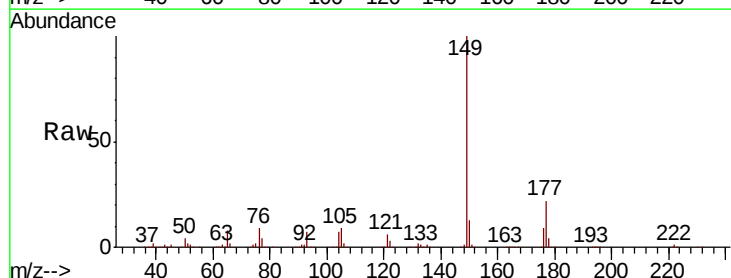
Tgt Ion:149 Resp: 1080632

Ion Ratio Lower Upper

149 100

177 22.3 17.1 25.7

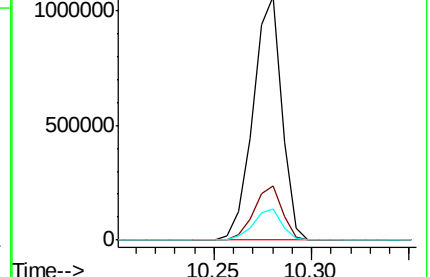
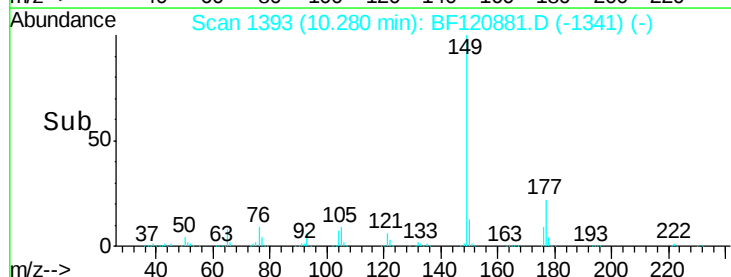
150 12.7 10.3 15.5

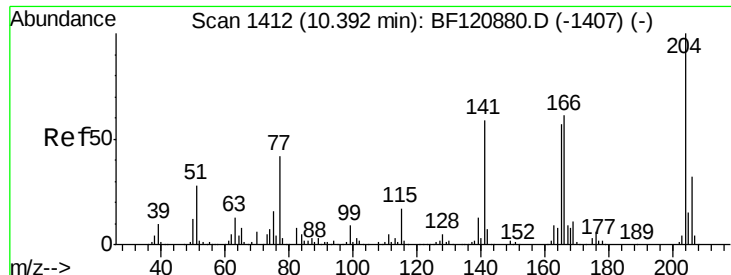


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

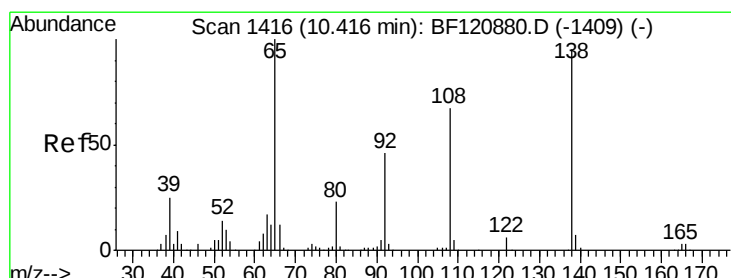
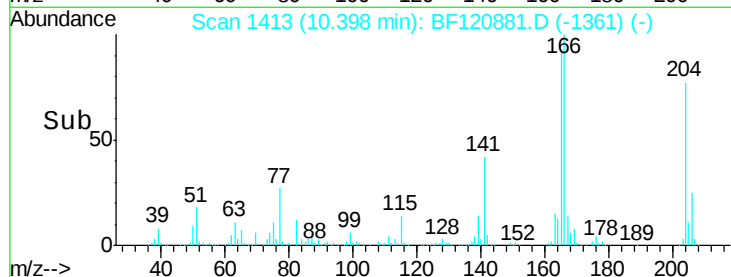
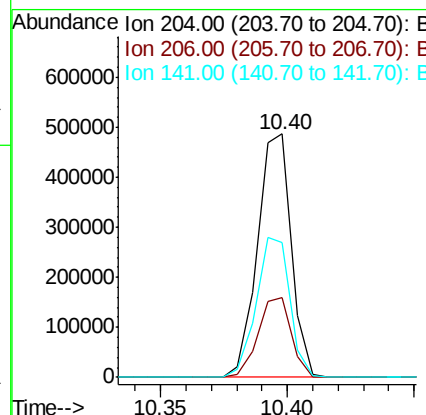
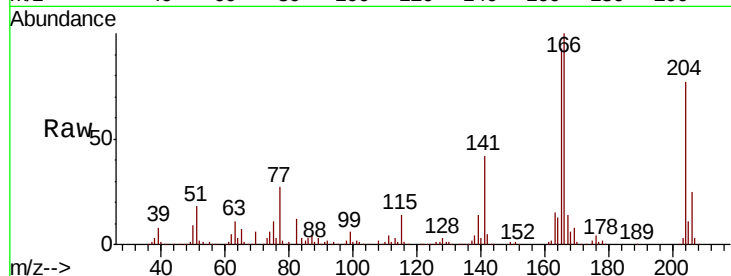




#61
4-Chlorophenyl-phenylether
Concen: 44.760 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.01 min
Lab File: BF120881.D
Acq: 16 Jul 2020 12:11

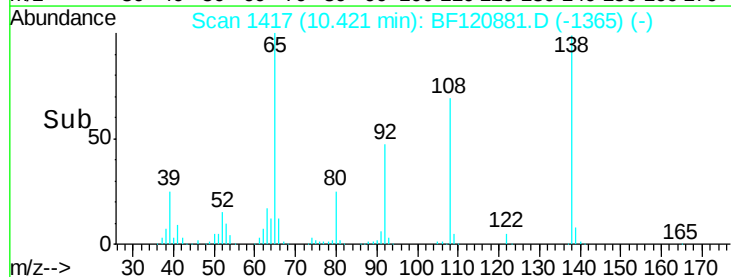
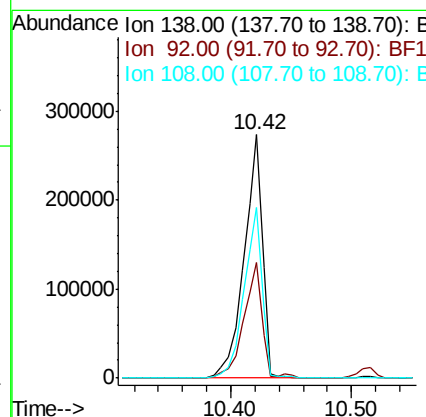
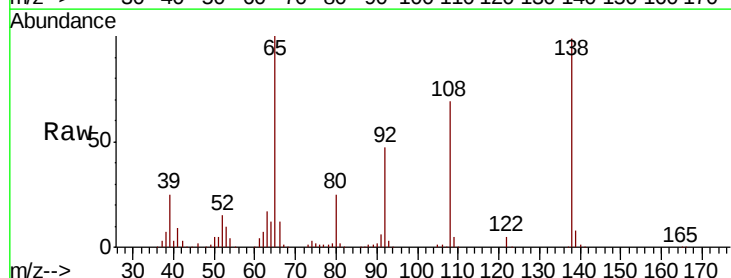
Instrument :
BNA_P
ClientSampleId :

Tot Ion:204 Resp: 450793
Ion Ratio Lower Upper
204 100
206 32.8 25.9 38.9
141 55.2 47.2 70.8



#62
4-Nitroaniline
Concen: 63.128 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.01 min
Lab File: BF120881.D
Acq: 16 Jul 2020 12:11

Tgt Ion:138 Resp: 290679
Ion Ratio Lower Upper
138 100
92 47.6 28.6 68.6
108 70.0 51.1 91.1





#63

Azobenzene

Concen: 43.774 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF120881.D

Acq: 16 Jul 2020 12:11

Instrument :

BNA_P

ClientSampleId :

Tot Ion: 77 Resp: 1010907

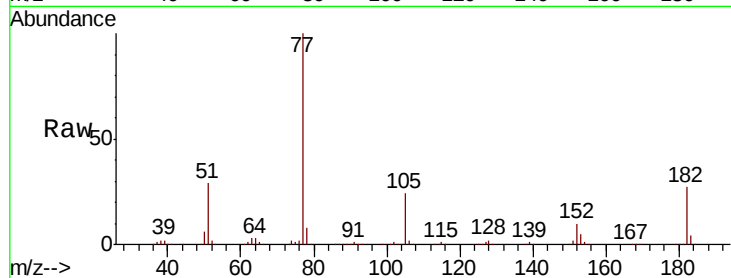
Ion	Ratio	Lower	Upper
77	100		
182	26.9	7.8	47.8
105	23.8	4.4	44.4
51	28.7	8.0	48.0

77 100

182 26.9 7.8 47.8

105 23.8 4.4 44.4

51 28.7 8.0 48.0

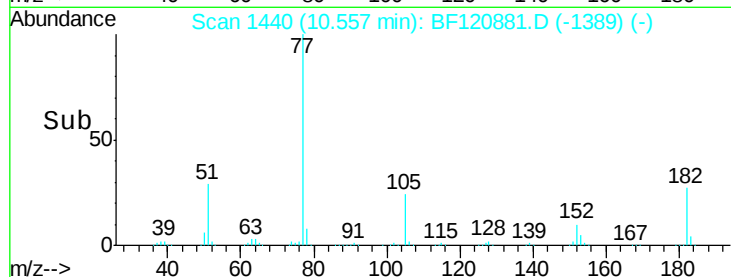


Abundance Ion 77.00 (76.70 to 77.70): BF1

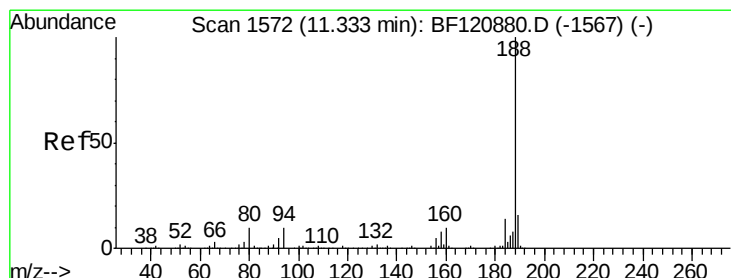
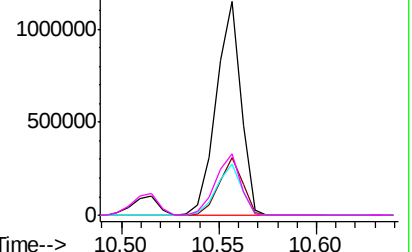
Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BF120881.D

Acq: 16 Jul 2020 12:11

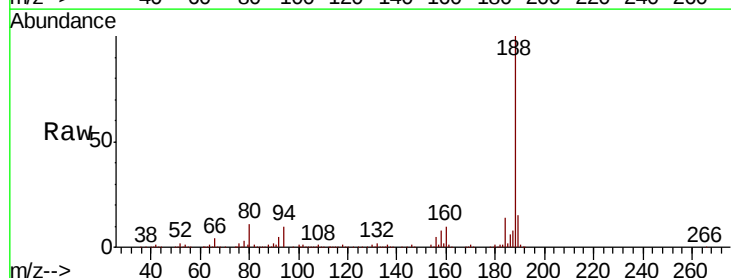
Tgt Ion: 188 Resp: 573529

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.0	12.0
80	10.7	8.3	12.5

188 100

94 10.2 8.0 12.0

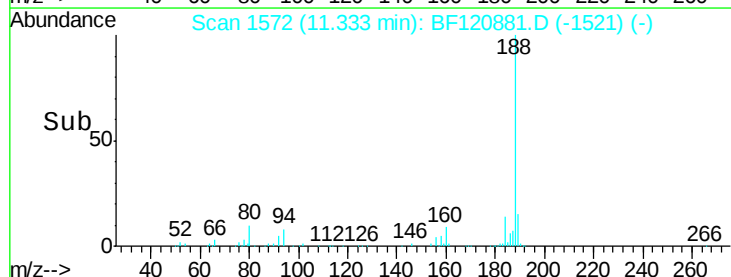
80 10.7 8.3 12.5



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



Time-->

Time-->

Time-->



#65

4,6-Dinitro-2-methylphenol

Concen: 91.786 ng

RT: 10.45 min Scan# 1422

Delta R.T. 0.01 min

Lab File: BF120881.D

Acq: 16 Jul 2020 12:11

Instrument :

BNA_P

ClientSampled :

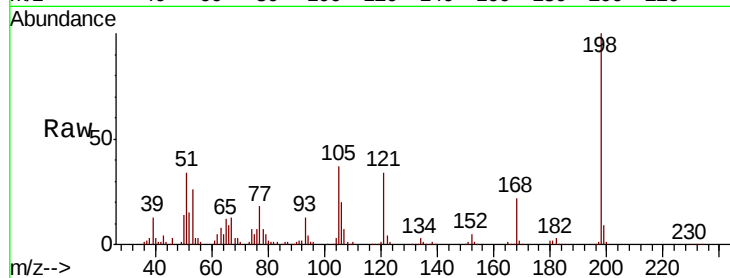
Tot Ion:198 Resp: 169135

Ion Ratio Lower Upper

198 100

51 33.5 19.5 59.5

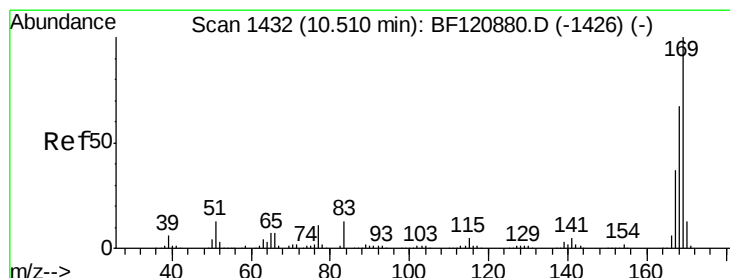
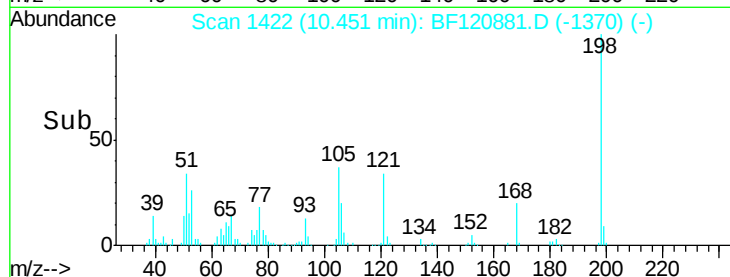
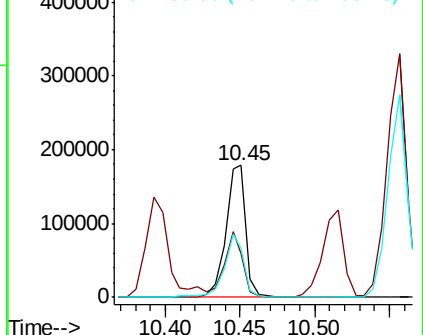
105 36.9 24.4 64.4



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 45.976 ng

RT: 10.52 min Scan# 1433

Delta R.T. 0.01 min

Lab File: BF120881.D

Acq: 16 Jul 2020 12:11

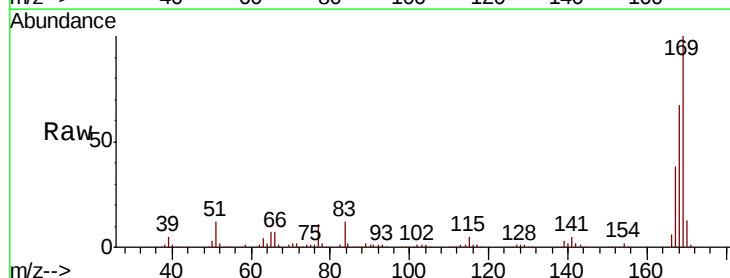
Tgt Ion:169 Resp: 883808

Ion Ratio Lower Upper

169 100

168 67.3 53.4 80.0

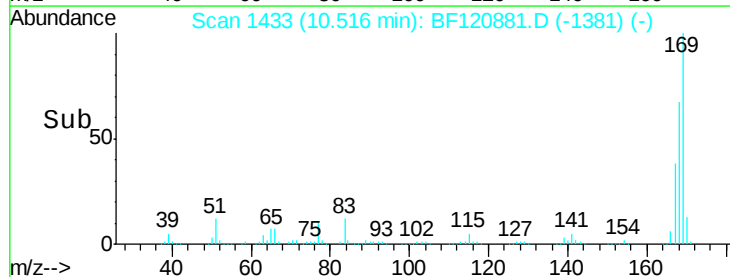
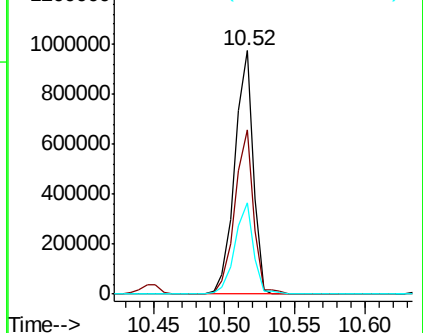
167 37.7 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

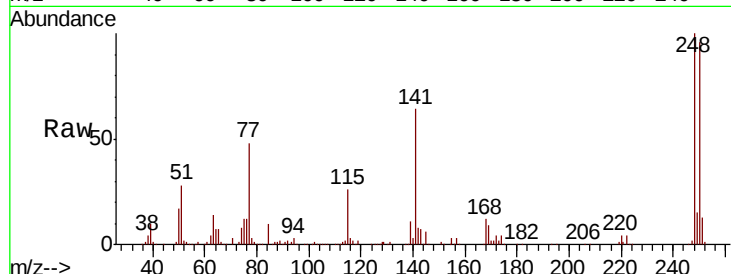




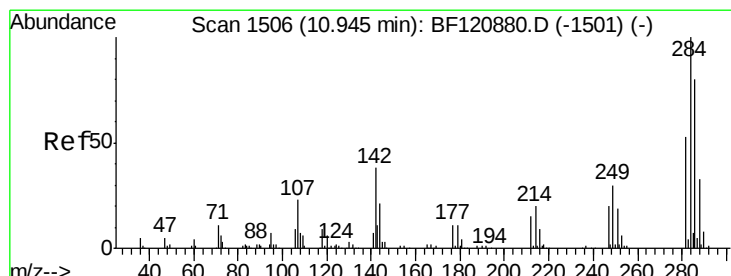
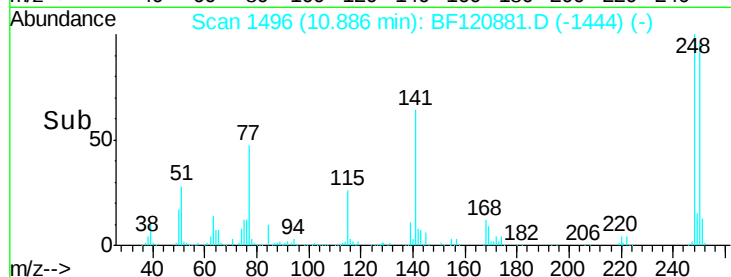
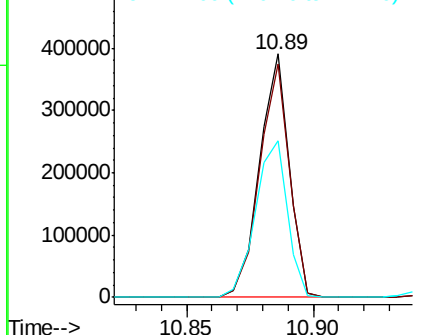
#67
 4-Bromophenyl-phenylether
 Concen: 48.068 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. 0.01 min
 Lab File: BF120881.D
 Acq: 16 Jul 2020 12:11

Instrument :
 BNA_P
 ClientSampled :

Tot Ion:248 Resp: 319791
 Ion Ratio Lower Upper
 248 100
 250 95.7 77.1 115.7
 141 64.1 61.2 91.8

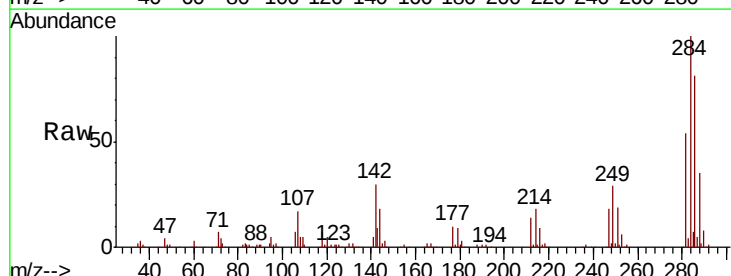


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

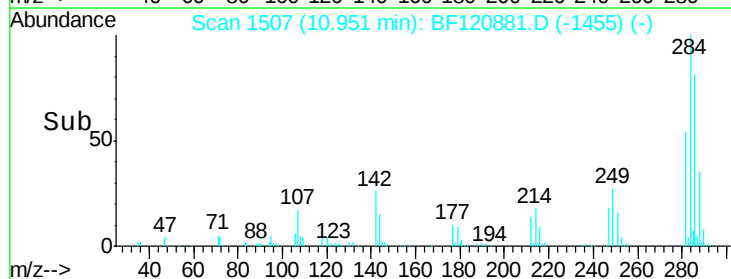
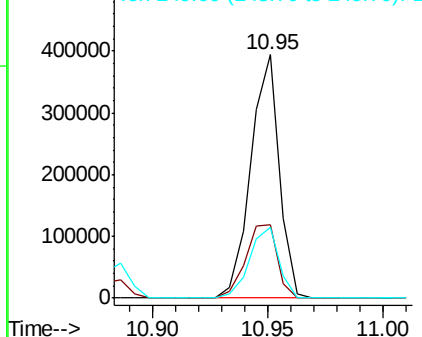


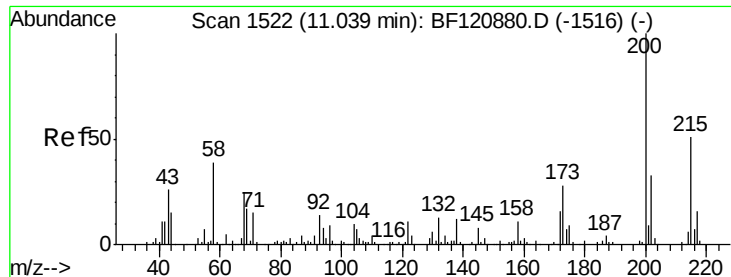
#68
 Hexachlorobenzene
 Concen: 48.777 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. 0.01 min
 Lab File: BF120881.D
 Acq: 16 Jul 2020 12:11

Tgt Ion:284 Resp: 340528
 Ion Ratio Lower Upper
 284 100
 142 30.0 30.2 45.2#
 249 29.0 24.2 36.2



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

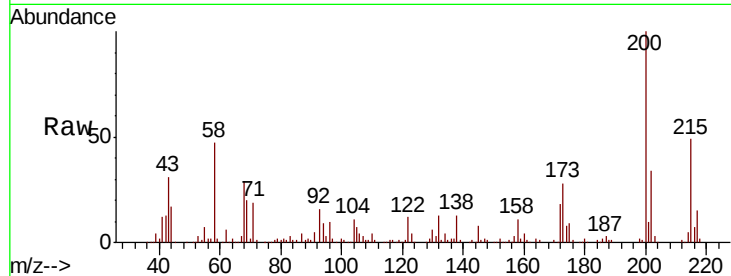




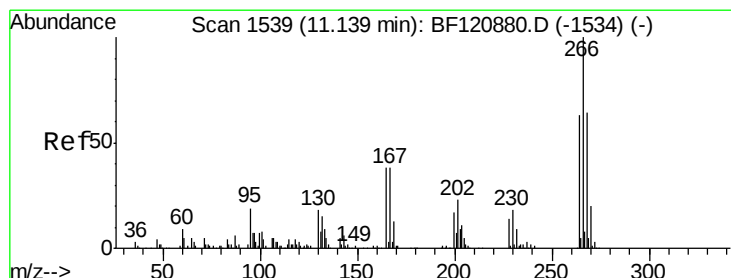
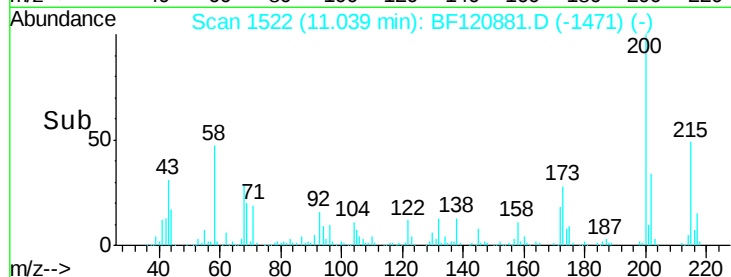
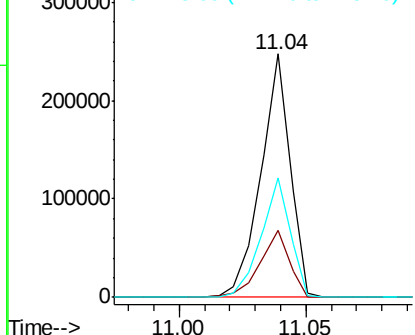
#69
Atrazine
Concen: 40.579 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.00 min
Lab File: BF120881.D
Acq: 16 Jul 2020 12:11

Instrument :
BNA_P
ClientSampleId :

Tot Ion:200 Resp: 200964
Ion Ratio Lower Upper
200 100
173 27.7 8.0 48.0
215 49.1 31.5 71.5

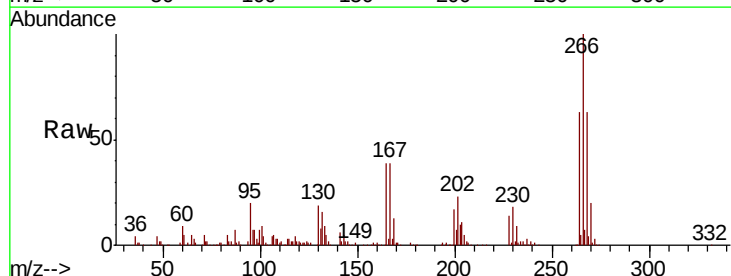


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

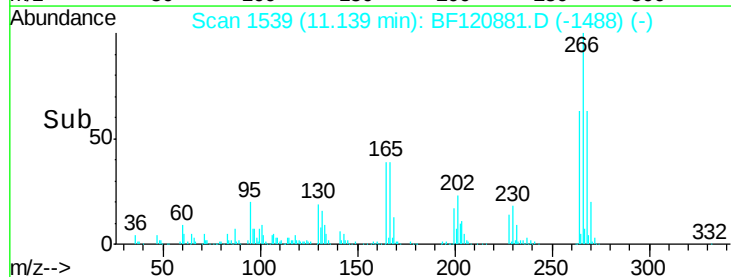
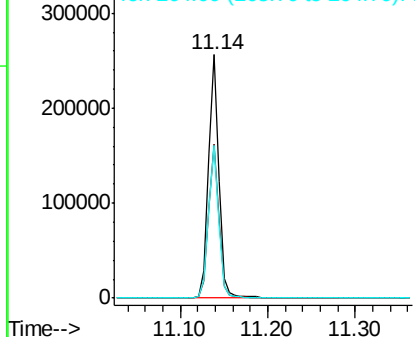


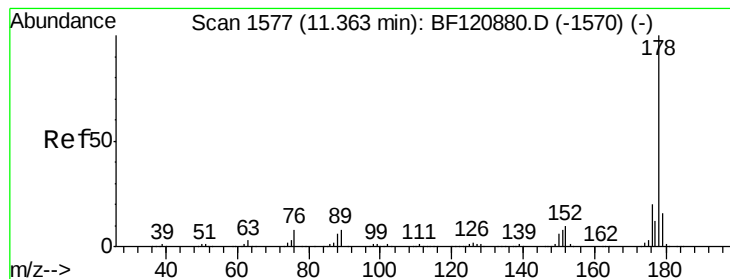
#70
Pentachlorophenol
Concen: 54.269 ng
RT: 11.14 min Scan# 1539
Delta R.T. 0.00 min
Lab File: BF120881.D
Acq: 16 Jul 2020 12:11

Tgt Ion:266 Resp: 214355
Ion Ratio Lower Upper
266 100
268 63.1 51.1 76.7
264 62.6 50.2 75.2



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: 45.693 ng

RT: 11.36 min Scan# 1577

Delta R.T. 0.00 min

Lab File: BF120881.D

Acq: 16 Jul 2020 12:11

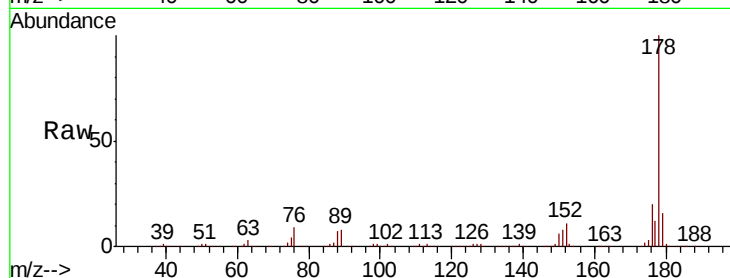
Instrument :

BNA_P

ClientSampleId :

Tot Ion:178 Resp: 1421920

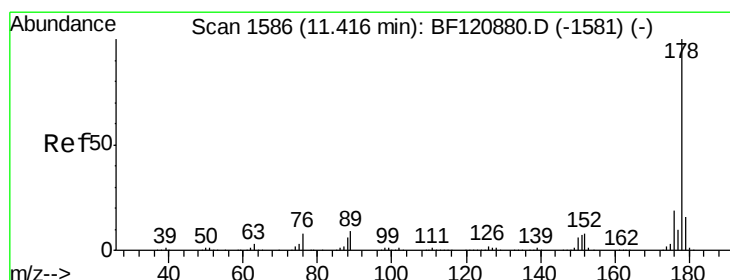
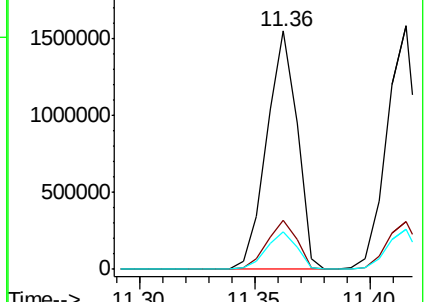
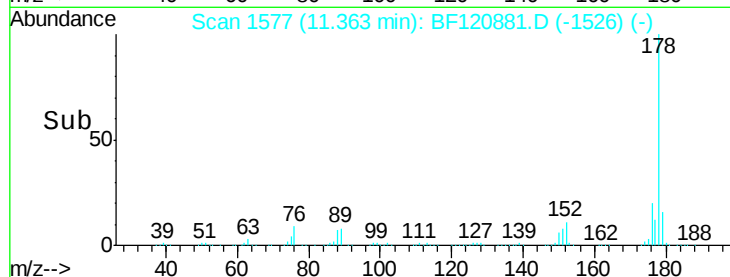
Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.2	24.4
179	15.9	12.8	19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 45.350 ng

RT: 11.42 min Scan# 1586

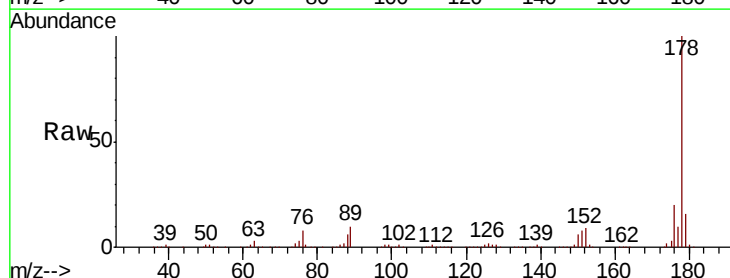
Delta R.T. 0.00 min

Lab File: BF120881.D

Acq: 16 Jul 2020 12:11

Tgt Ion:178 Resp: 1426079

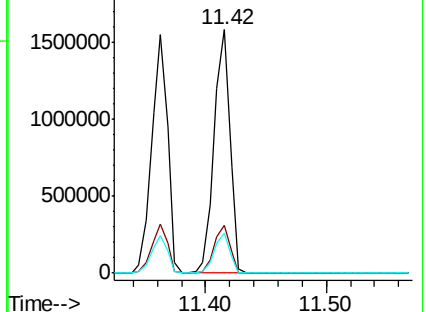
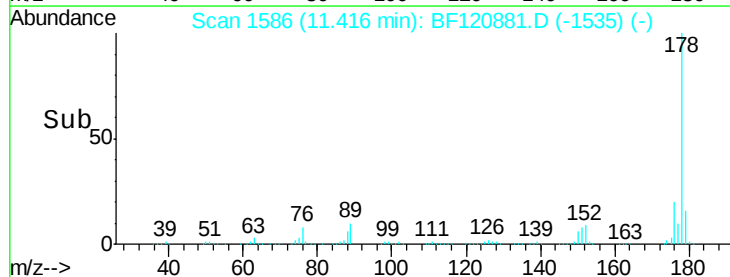
Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.5	23.3
179	16.4	12.8	19.2

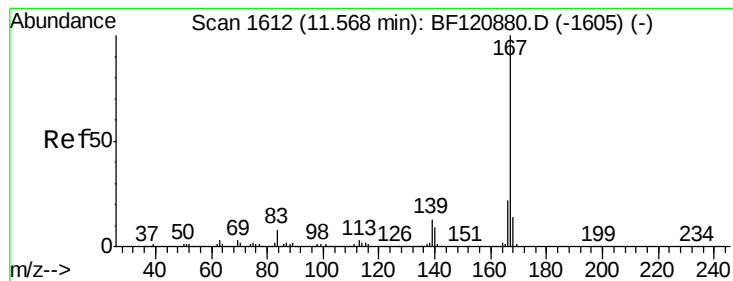


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 47.705 ng

RT: 11.57 min Scan# 1612

Delta R.T. 0.00 min

Lab File: BF120881.D

Acq: 16 Jul 2020 12:11

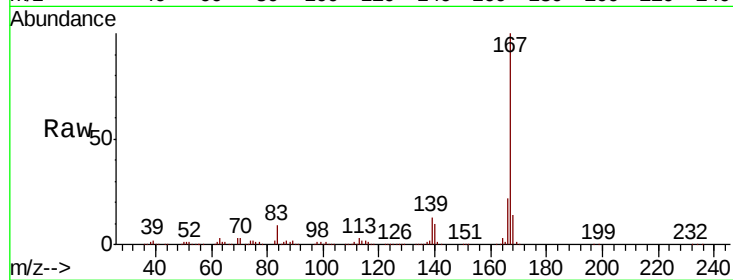
Instrument :

BNA_P

ClientSampleId :

Tot Ion:167 Resp: 1441591

Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.7	26.5
139	12.8	10.1	15.1

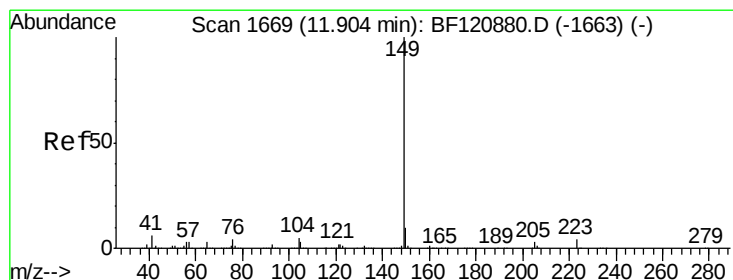
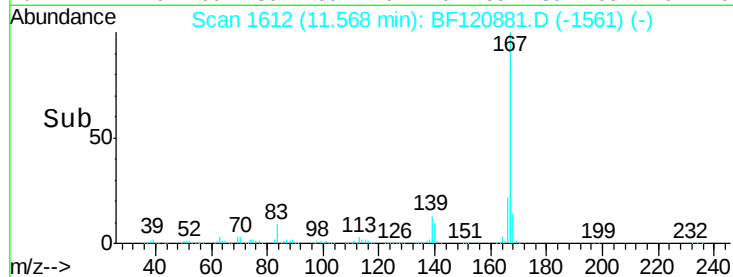
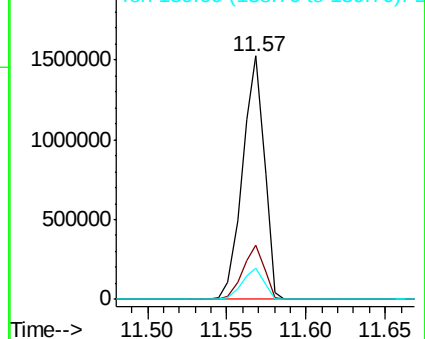


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 44.231 ng

RT: 11.90 min Scan# 1669

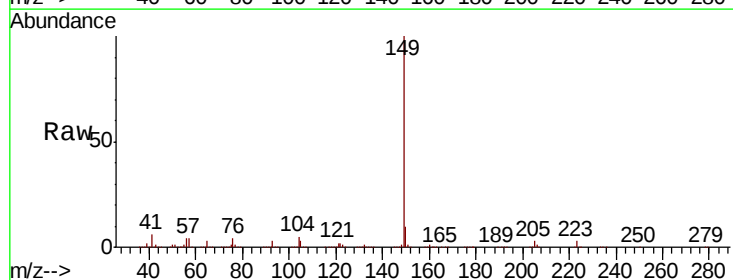
Delta R.T. 0.00 min

Lab File: BF120881.D

Acq: 16 Jul 2020 12:11

Tgt Ion:149 Resp: 1654818

Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.8	11.6
104	4.9	3.8	5.6

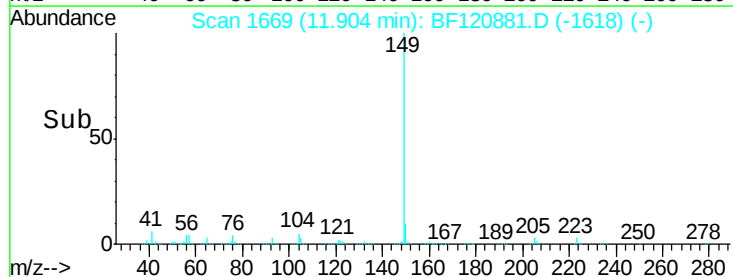
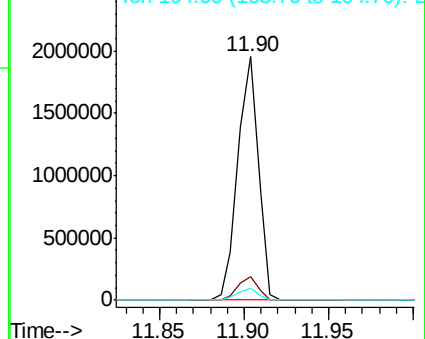


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

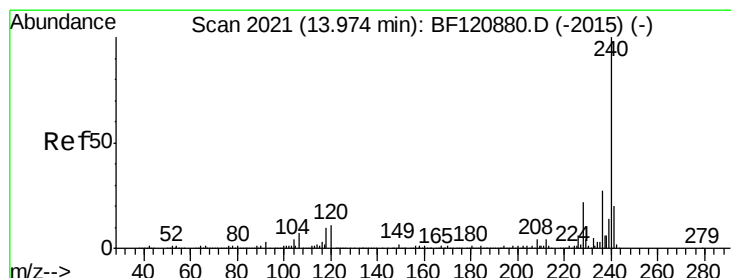
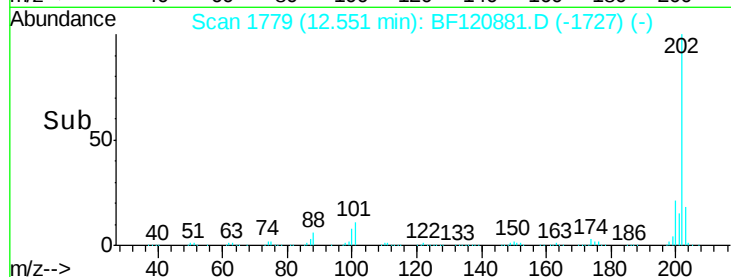
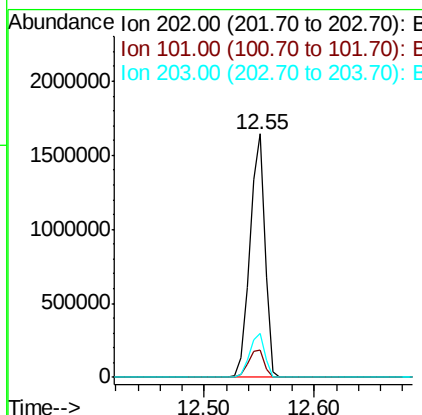
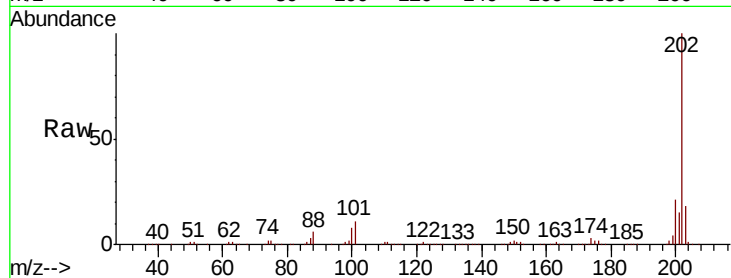




#75
 Fluoranthene
 Concen: 47.565 ng
 RT: 12.55 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: BF120881.D
 Acq: 16 Jul 2020 12:11

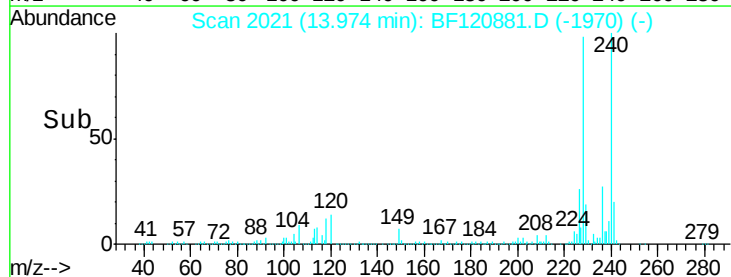
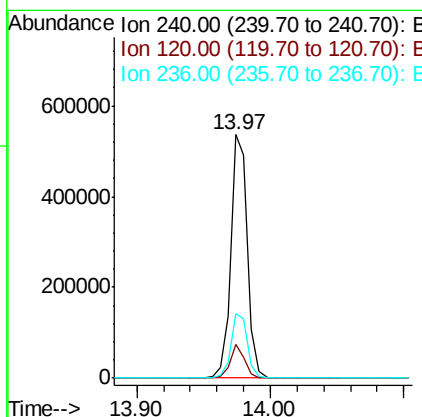
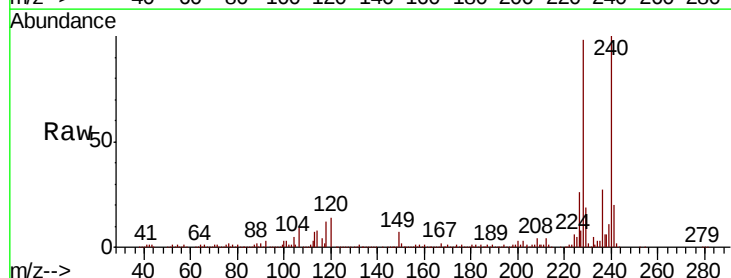
Instrument :
 BNA_P
 ClientSampleId :

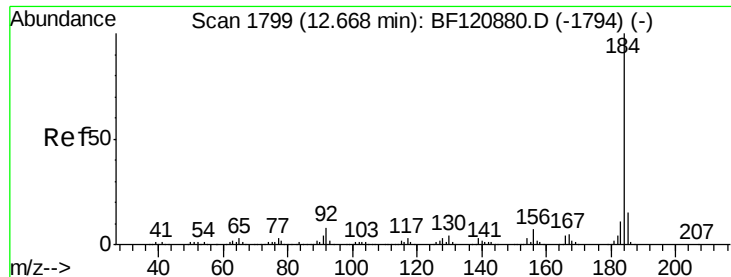
Tot Ion:202 Resp: 1576787
 Ion Ratio Lower Upper
 202 100
 101 11.4 0.0 32.7
 203 18.1 0.0 38.0



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.00 min
 Lab File: BF120881.D
 Acq: 16 Jul 2020 12:11

Tgt Ion:240 Resp: 467204
 Ion Ratio Lower Upper
 240 100
 120 13.8 9.0 13.4#
 236 26.5 21.7 32.5





#77

Benzidine

Concen: 50.029 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.00 min

Lab File: BF120881.D

Acq: 16 Jul 2020 12:11

Instrument :

BNA_P

ClientSampled :

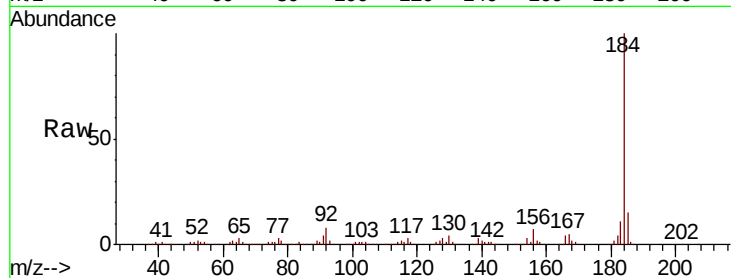
Tot Ion:184 Resp: 659744

Ion Ratio Lower Upper

184 100

185 14.8 12.2 18.2

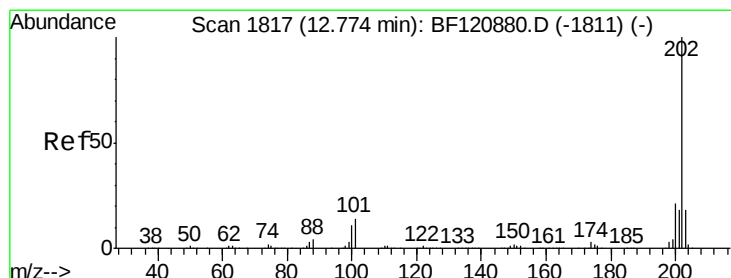
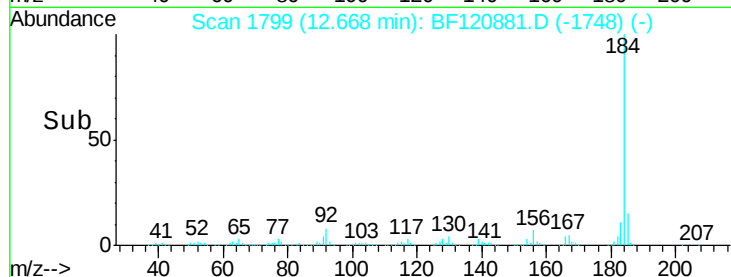
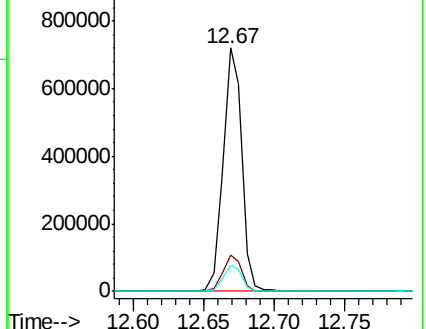
183 10.7 8.5 12.7



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.502 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.01 min

Lab File: BF120881.D

Acq: 16 Jul 2020 12:11

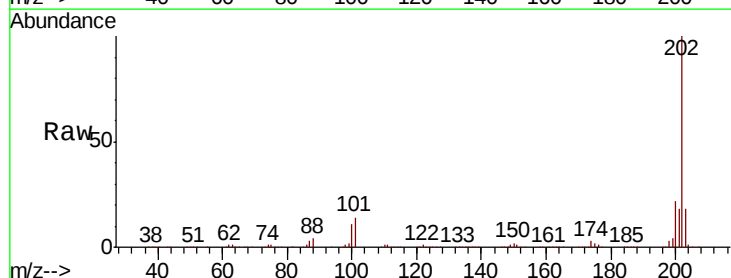
Tgt Ion:202 Resp: 1623214

Ion Ratio Lower Upper

202 100

200 21.7 17.0 25.4

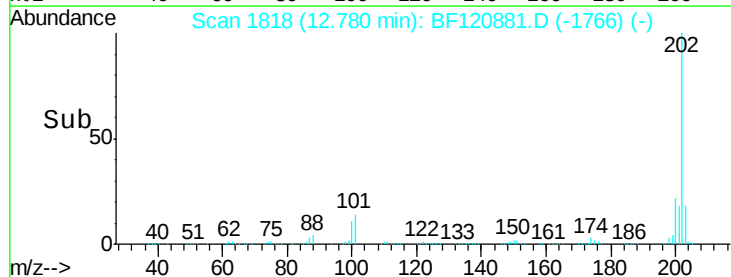
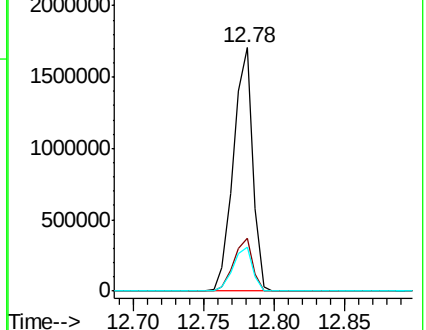
203 18.3 14.4 21.6

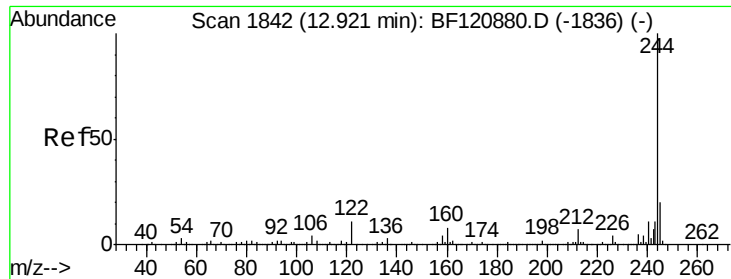


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.069 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.01 min

Lab File: BF120881.D

Acq: 16 Jul 2020 12:11

Instrument :

BNA_P

ClientSampleId :

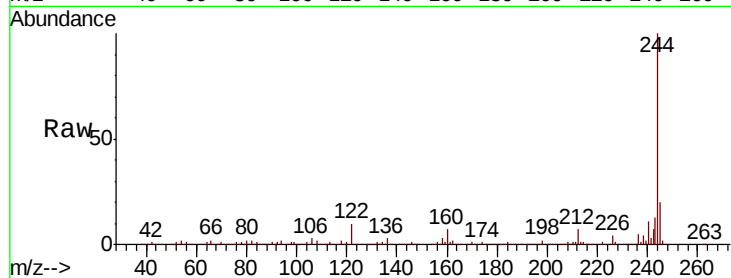
Tot Ion:244 Resp: 1886805

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

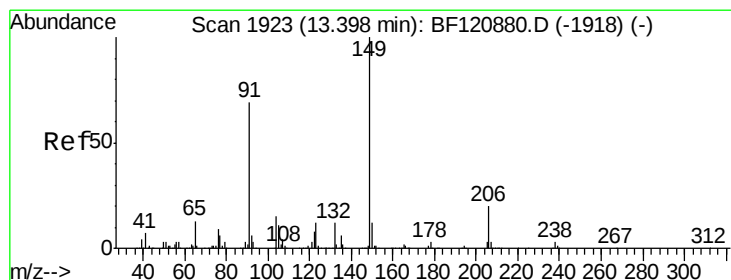
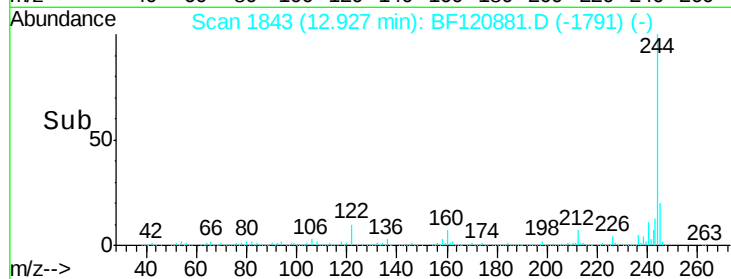
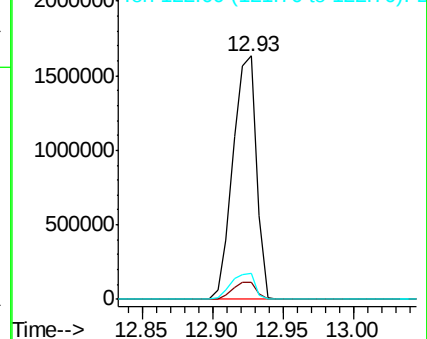
122 10.4 8.9 13.3



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: 47.457 ng

RT: 13.40 min Scan# 1923

Delta R.T. -0.00 min

Lab File: BF120881.D

Acq: 16 Jul 2020 12:11

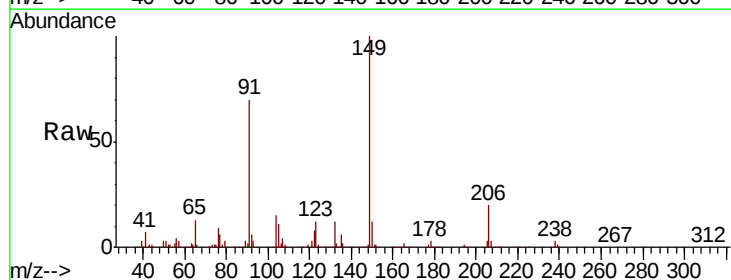
Tgt Ion:149 Resp: 764505

Ion Ratio Lower Upper

149 100

91 70.5 55.1 82.7

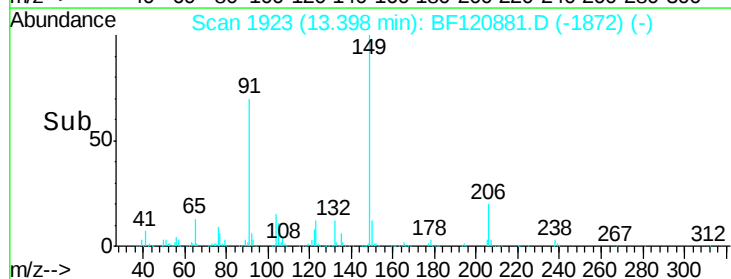
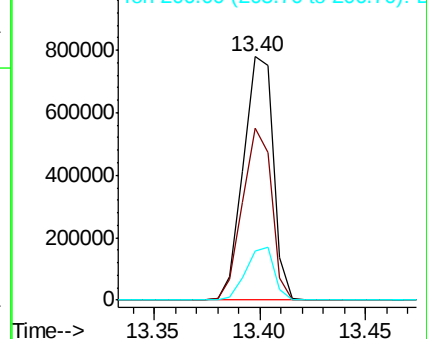
206 19.9 16.1 24.1



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

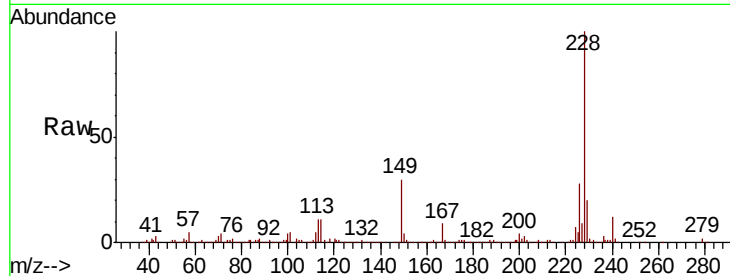




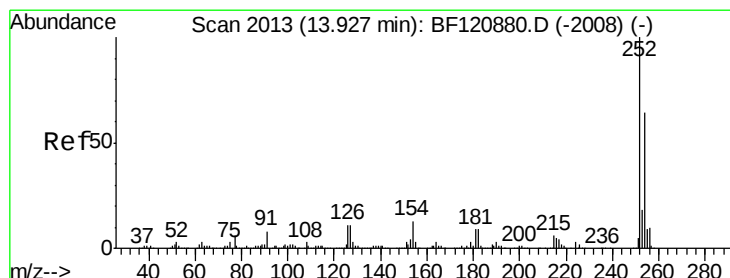
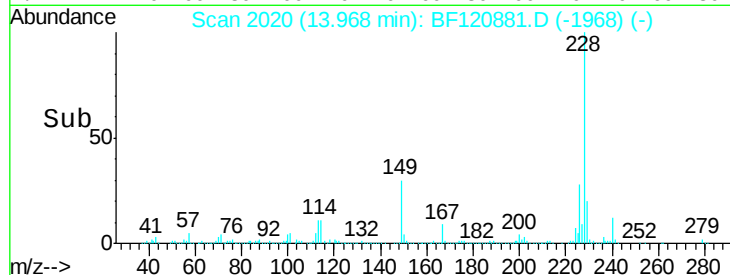
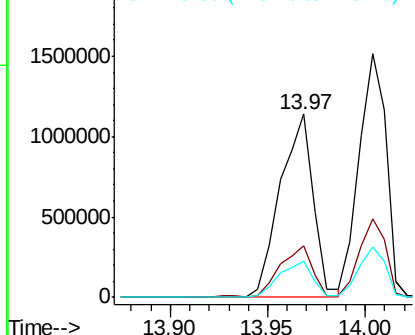
#81
Benzo(a)anthracene
Concen: 44.769 ng
RT: 13.97 min Scan# 2020
Delta R.T. 0.01 min
Lab File: BF120881.D
Acq: 16 Jul 2020 12:11

Instrument :
BNA_P
ClientSampleId :

Tot Ion:228 Resp: 1340771
Ion Ratio Lower Upper
228 100
226 28.5 22.3 33.5
229 20.1 16.1 24.1

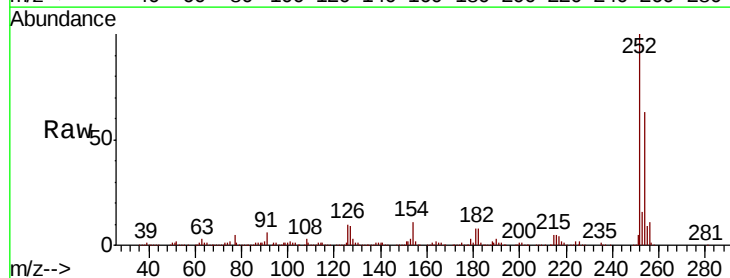


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

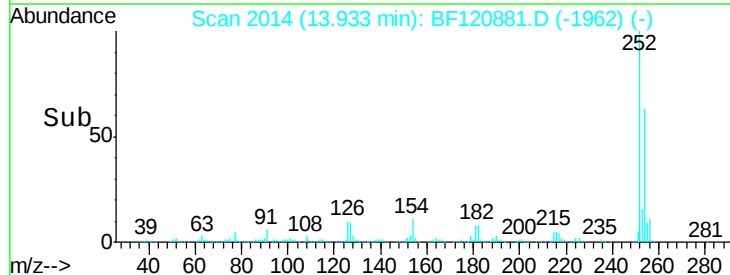
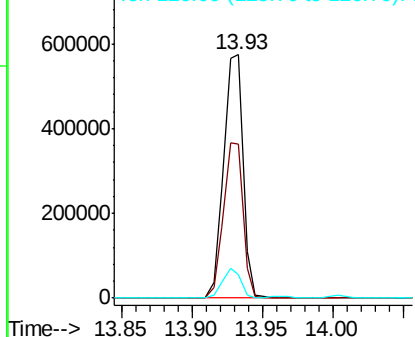


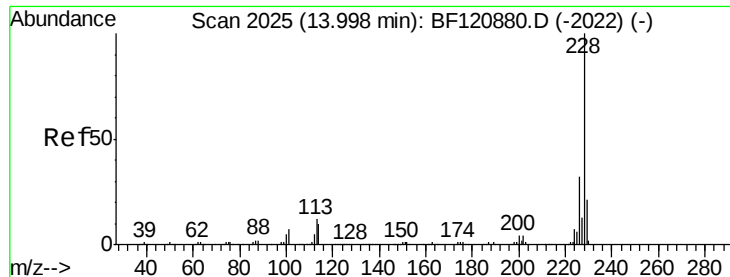
#82
3,3'-Dichlorobenzidine
Concen: 54.515 ng
RT: 13.93 min Scan# 2014
Delta R.T. 0.01 min
Lab File: BF120881.D
Acq: 16 Jul 2020 12:11

Tgt Ion:252 Resp: 550961
Ion Ratio Lower Upper
252 100
254 63.2 51.2 76.8
126 9.7 8.7 13.1



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E

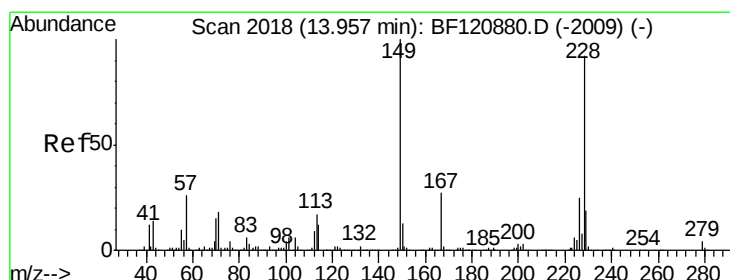
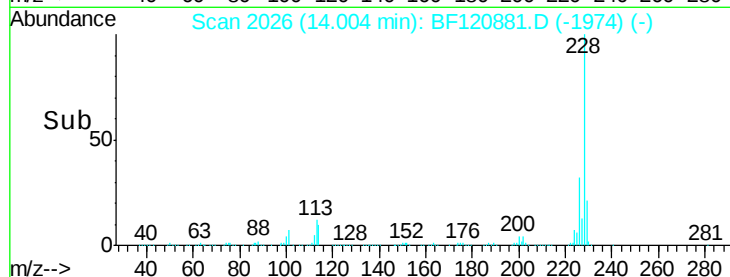
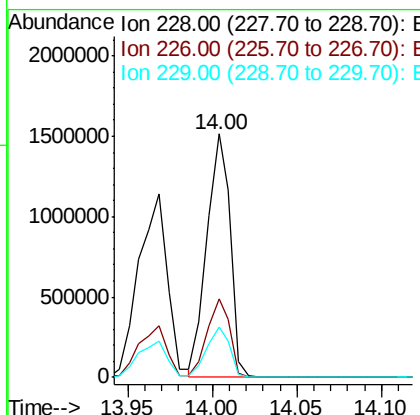
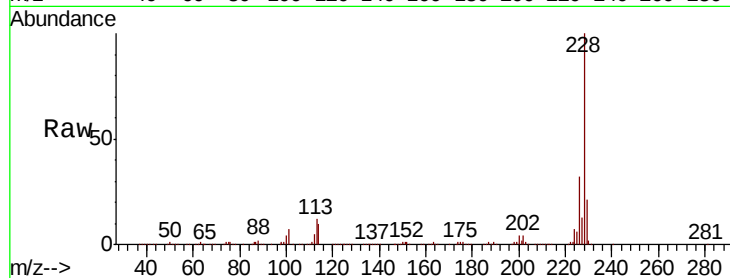




#83
 Chrvsene
 Concen: 47.860 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.01 min
 Lab File: BF120881.D
 Acq: 16 Jul 2020 12:11

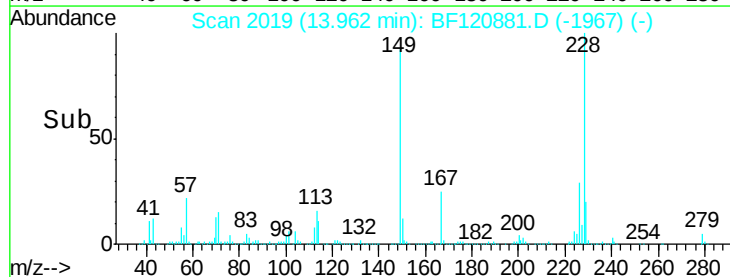
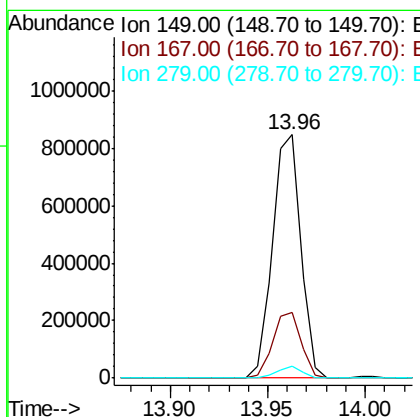
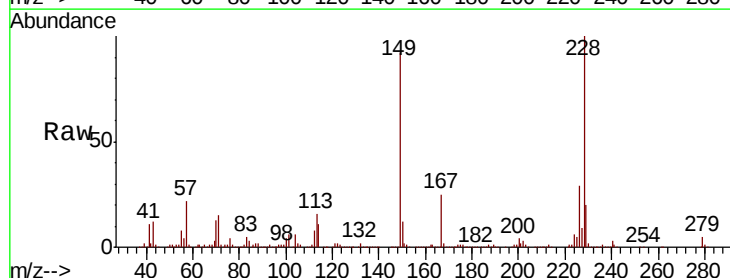
Instrument :
 BNA_P
 ClientSampleId :

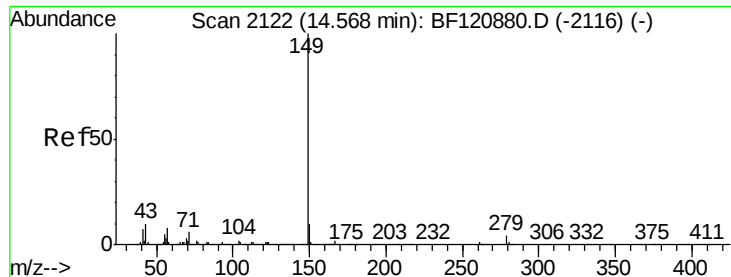
Tot Ion:228 Resp: 1462046
 Ion Ratio Lower Upper
 228 100
 226 32.2 25.6 38.4
 229 20.6 16.8 25.2



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.240 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.01 min
 Lab File: BF120881.D
 Acq: 16 Jul 2020 12:11

Tgt Ion:149 Resp: 850075
 Ion Ratio Lower Upper
 149 100
 167 27.2 21.9 32.9
 279 4.9 3.0 4.4#

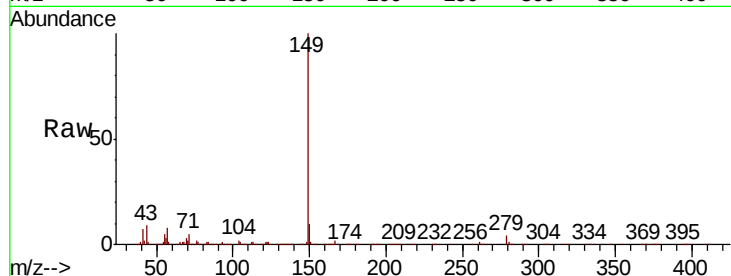




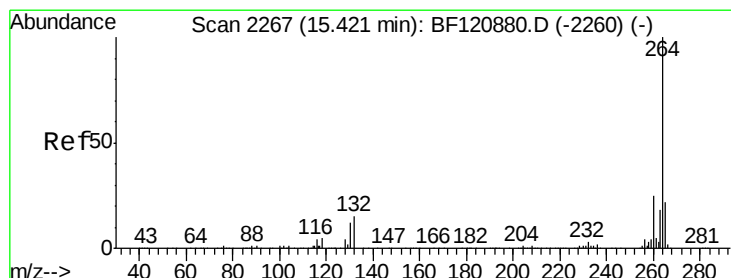
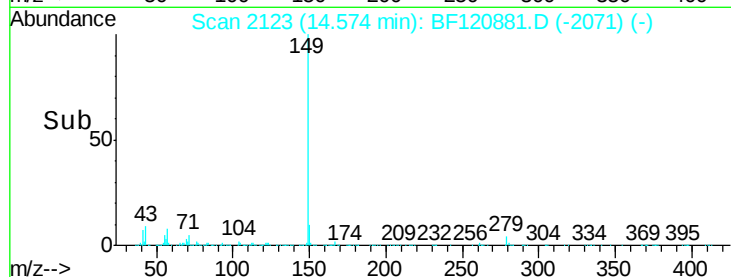
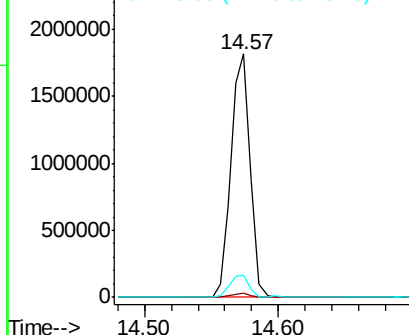
#85
Di-n-octyl phthalate
Concen: 49.108 ng
RT: 14.57 min Scan# 2123
Delta R.T. 0.01 min
Lab File: BF120881.D
Acq: 16 Jul 2020 12:11

Instrument :
BNA_P
ClientSampled :

Tot Ion:149 Resp: 1835299
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.7 7.6 11.4

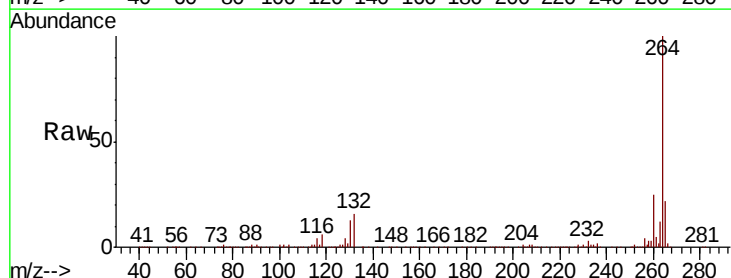


Abundance Ion 149.00 (148.70 to 149.70): E
2500000 Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

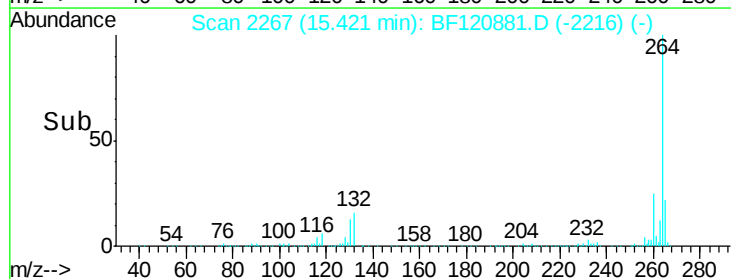
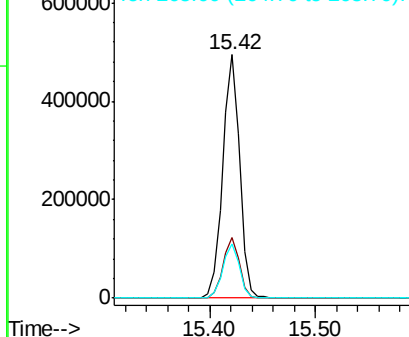


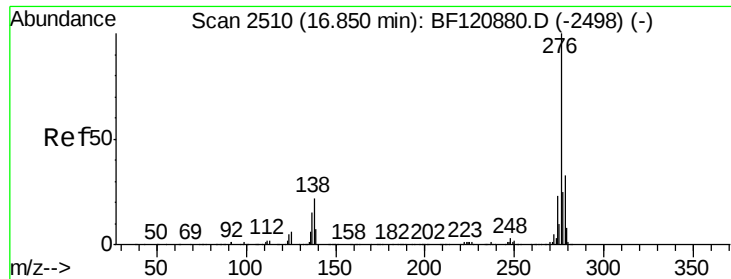
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.00 min
Lab File: BF120881.D
Acq: 16 Jul 2020 12:11

Tgt Ion:264 Resp: 554905
Ion Ratio Lower Upper
264 100
260 24.9 20.0 30.0
265 22.1 17.4 26.2



Abundance Ion 264.00 (263.70 to 264.70): E
600000 Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

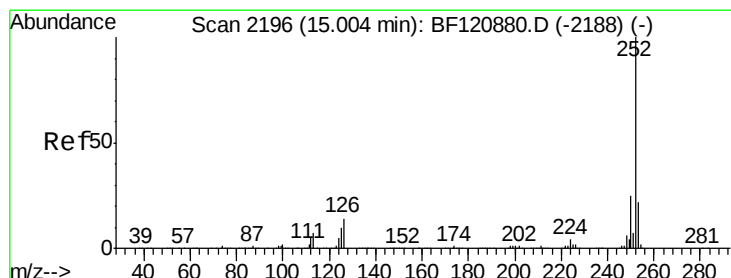
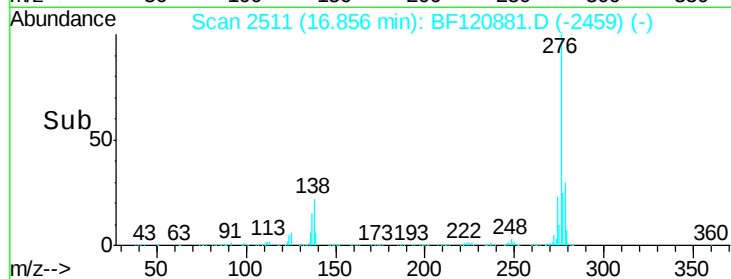
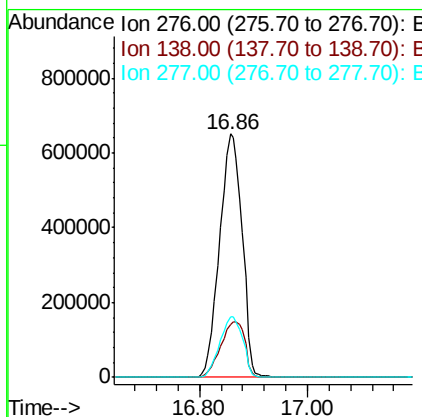
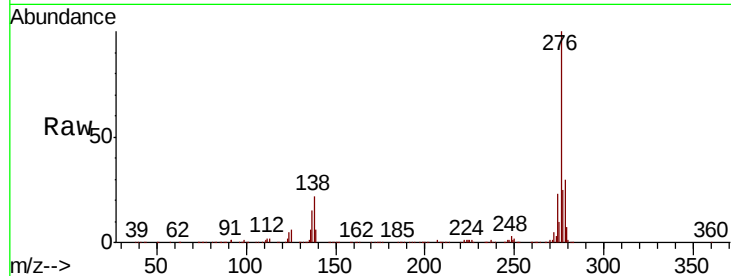




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 53.776 ng
 RT: 16.86 min Scan# 2511
 Delta R.T. 0.01 min
 Lab File: BF120881.D
 Acq: 16 Jul 2020 12:11

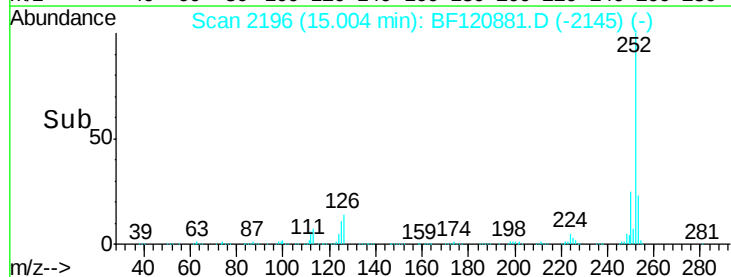
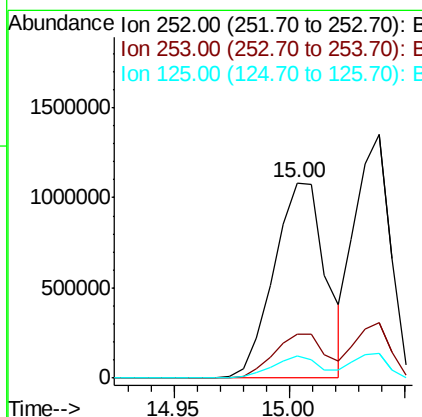
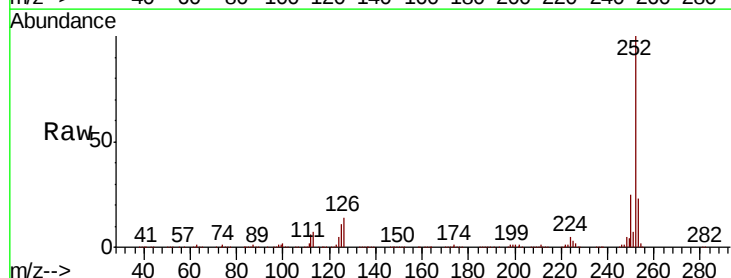
Instrument :
 BNA_P
 ClientSampleId :

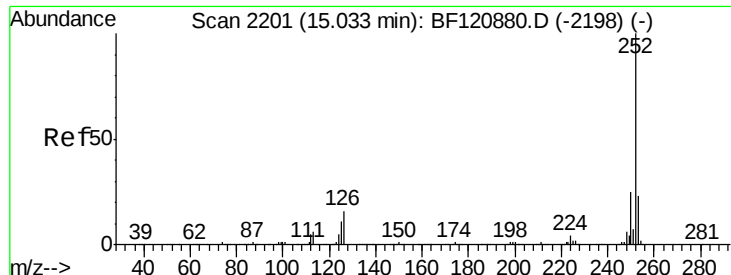
Tot Ion:276 Resp: 1913994
 Ion Ratio Lower Upper
 276 100
 138 24.6 19.8 29.8
 277 25.4 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 46.386 ng
 RT: 15.00 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: BF120881.D
 Acq: 16 Jul 2020 12:11

Tgt Ion:252 Resp: 1692209
 Ion Ratio Lower Upper
 252 100
 253 22.6 18.0 27.0
 125 11.0 8.3 12.5

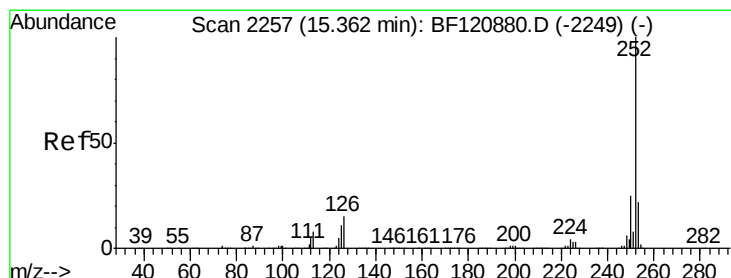
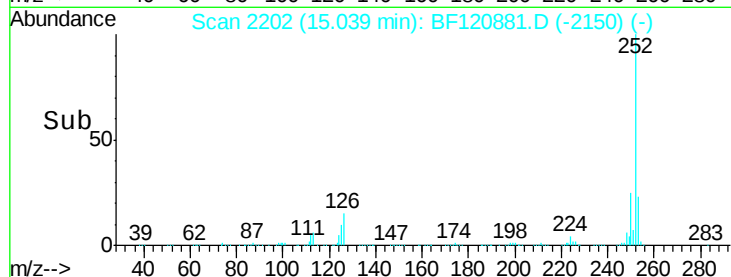
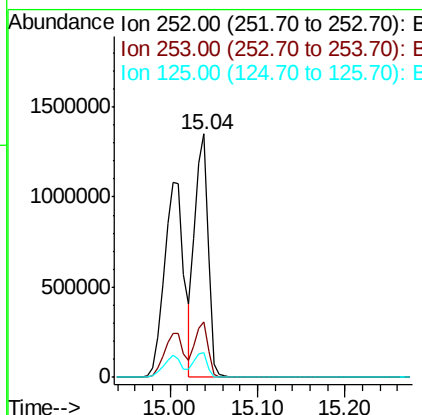
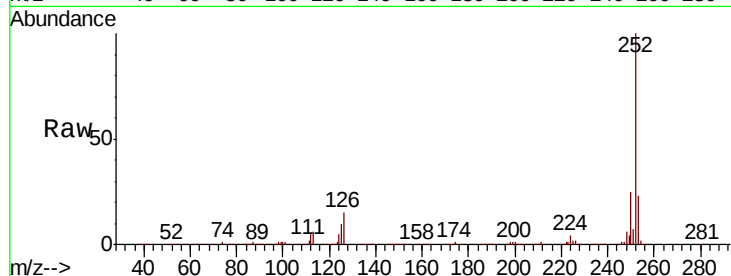




#89
Benzo(k)fluoranthene
Concen: 40.719 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BF120881.D
Acq: 16 Jul 2020 12:11

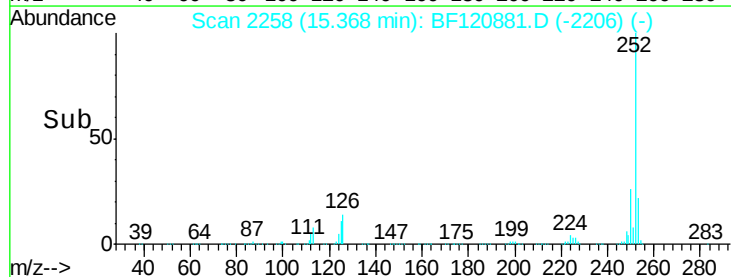
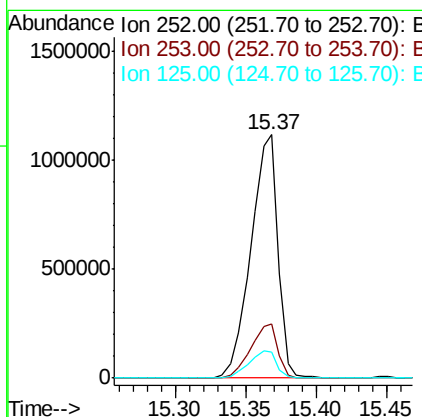
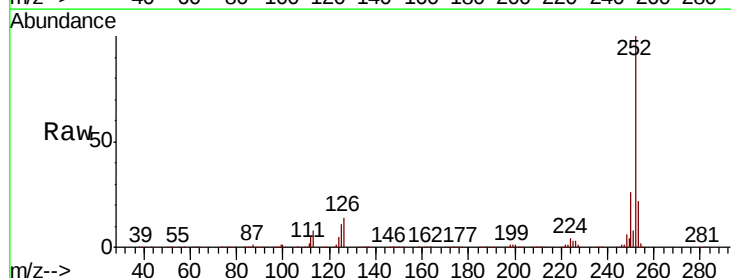
Instrument :
BNA_P
ClientSampleId :

Tot Ion:252 Resp: 1445431
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.2
125 10.1 8.4 12.6



#90
Benzo(a)pyrene
Concen: 46.362 ng
RT: 15.37 min Scan# 2258
Delta R.T. 0.01 min
Lab File: BF120881.D
Acq: 16 Jul 2020 12:11

Tgt Ion:252 Resp: 1508765
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 10.7 8.9 13.3

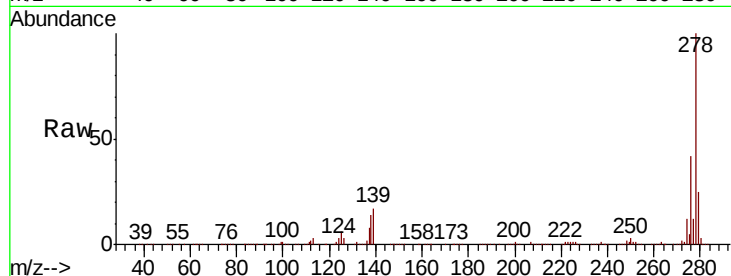




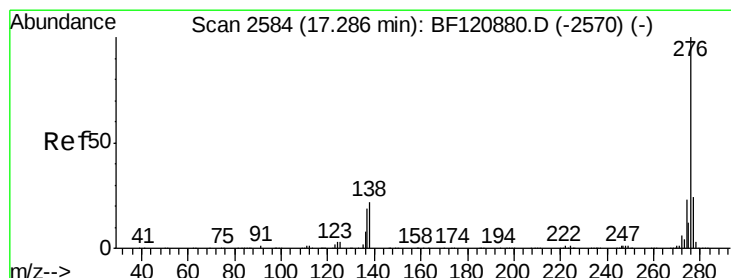
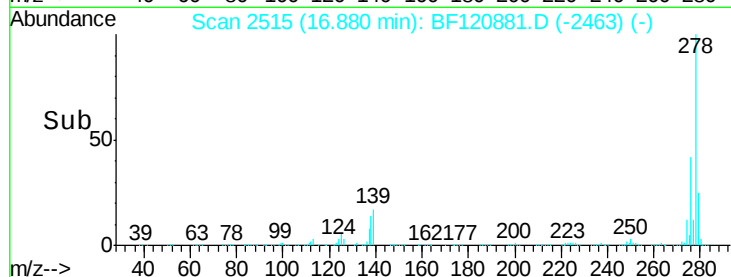
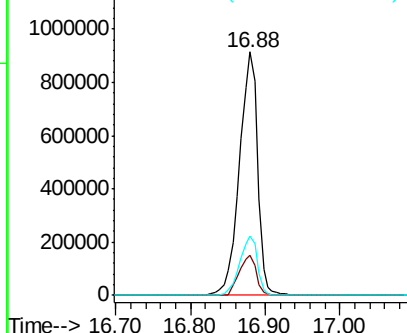
#91
Dibenzo(a,h)anthracene
Concen: 52.191 ng
RT: 16.88 min Scan# 2515
Delta R.T. 0.01 min
Lab File: BF120881.D
Acq: 16 Jul 2020 12:11

Instrument :
BNA_P
ClientSampleId :

Tot Ion:278 Resp: 1548240
Ion Ratio Lower Upper
278 100
139 16.5 12.3 18.5
279 24.6 20.1 30.1

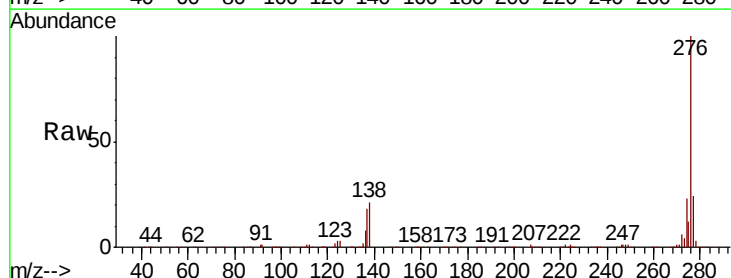


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 57.351 ng
RT: 17.30 min Scan# 2586
Delta R.T. 0.01 min
Lab File: BF120881.D
Acq: 16 Jul 2020 12:11

Tgt Ion:276 Resp: 1554900
Ion Ratio Lower Upper
276 100
277 24.0 18.8 28.2
138 21.3 17.5 26.3



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

