

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071620\
 Data File : BF120882.D
 Acq On : 16 Jul 2020 12:41
 Operator : JU/CG
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jul 16 13:21:31 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	162751	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	589023	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	304321	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	579736	20.00	ng	0.00
76) Chrysene-d12	13.98	240	468894	20.00	ng	0.00
86) Perylene-d12	15.42	264	552222	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	1055091	100.07	ng	0.00
7) Phenol-d6	6.45	99	1366729	101.51	ng	0.00
23) Nitrobenzene-d5	7.39	82	1158215	113.92	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	371957	121.66	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	1786513	88.82	ng	0.00
79) Terphenyl-d14	12.93	244	2099596	87.67	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	257263	53.417	ng	100
3) Pyridine	3.25	79	708844	53.733	ng	99
4) n-Nitrosodimethylamine	3.20	42	298189	45.184	ng	99
6) Aniline	6.47	93	947389	54.788	ng	99
8) 2-Chlorophenol	6.60	128	595711	53.070	ng	98
9) Benzaldehyde	6.36	77	314787	39.310	ng	98
10) Phenol	6.46	94	754820	54.497	ng	95
11) bis(2-Chloroethyl)ether	6.56	93	593051	52.618	ng	100
12) 1,3-Dichlorobenzene	6.76	146	634498	51.354	ng	99
13) 1,4-Dichlorobenzene	6.83	146	631907	51.063	ng	99
14) 1,2-Dichlorobenzene	6.99	146	583543	49.564	ng	99
15) Benzyl Alcohol	6.96	79	483136	47.759	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	854257	48.593	ng	99
17) 2-Methylphenol	7.07	107	536100	53.387	ng	99
18) Hexachloroethane	7.33	117	234218	50.356	ng	99
19) n-Nitroso-di-n-propylamine	7.24	70	380733	46.964	ng	99
20) 3+4-Methylphenols	7.23	107	566541	45.807	ng	95
22) Acetophenone	7.23	105	675728	46.153	ng	99
24) Nitrobenzene	7.40	77	621971	54.487	ng	99
25) Isophorone	7.65	82	1141156	52.048	ng	99
26) 2-Nitrophenol	7.72	139	322745	77.346	ng	96
27) 2,4-Dimethylphenol	7.76	122	481024	54.960	ng	96
28) bis(2-Chloroethoxy)methane	7.85	93	691721	53.307	ng	99
29) 2,4-Dichlorophenol	7.96	162	492033	56.314	ng	96
30) 1,2,4-Trichlorobenzene	8.05	180	530184	54.025	ng	97
31) Naphthalene	8.13	128	1614580	51.291	ng	99
32) Benzoic acid	7.89	122	397744	83.972	ng	98
33) 4-Chloroaniline	8.17	127	775042	58.022	ng	99
34) Hexachlorobutadiene	8.25	225	309668	52.467	ng	99
35) Caprolactam	8.56	113	163228	64.114	ng	98
36) 4-Chloro-3-methylphenol	8.65	107	505012	55.565	ng	99
37) 2-Methylnaphthalene	8.82	142	1054337	51.523	ng	97
38) 1-Methylnaphthalene	8.92	142	1009215	52.651	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	485822	52.822	ng	100

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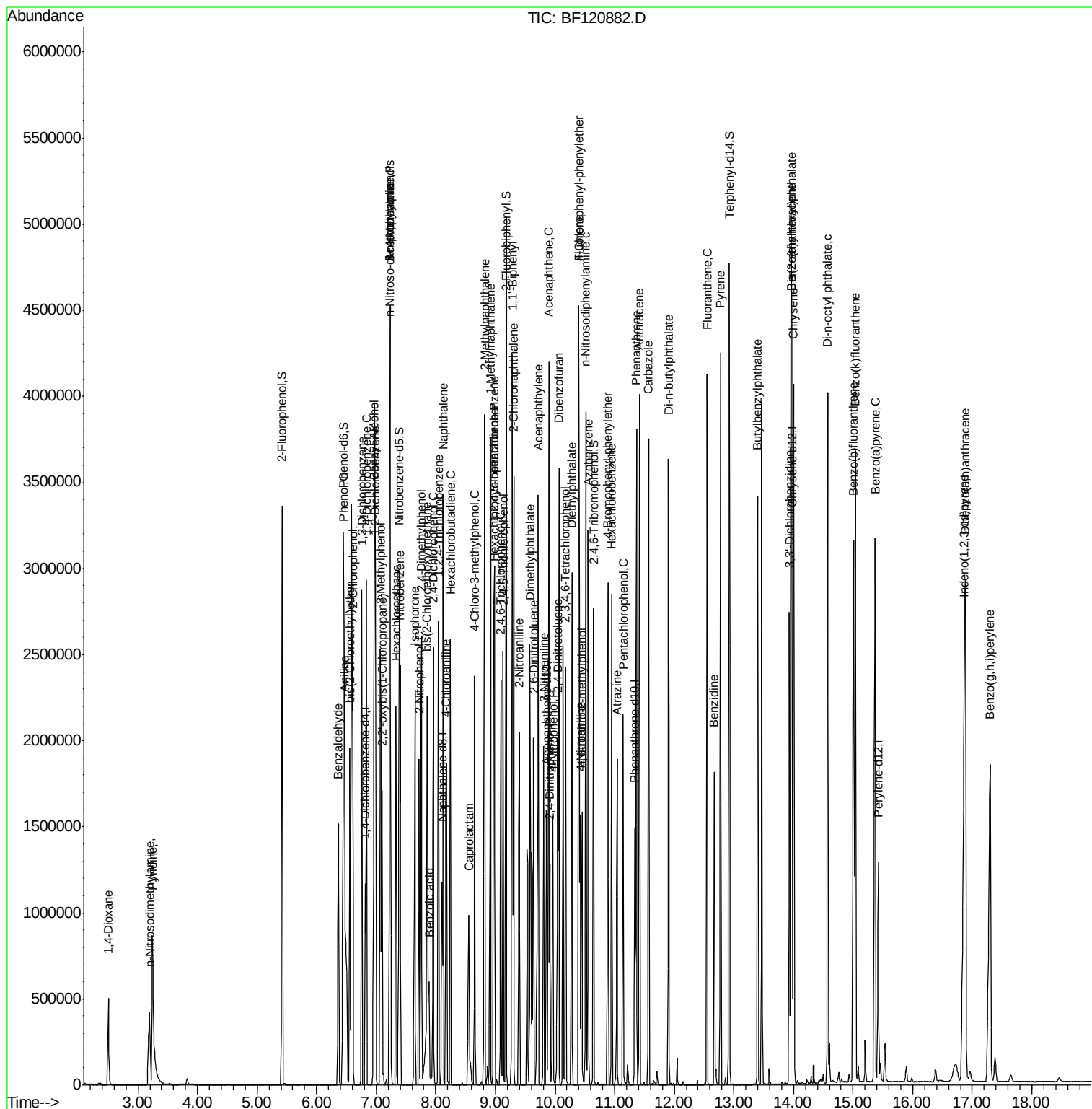
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	292121	53.757	ng	97
43) 2,4,6-Trichlorophenol	9.09	196	362311	57.811	ng	100
44) 2,4,5-Trichlorophenol	9.13	196	401972	57.795	ng	96
46) 1,1'-Biphenyl	9.28	154	1234557	50.293	ng	99
47) 2-Chloronaphthalene	9.30	162	1037216	52.742	ng	99
48) 2-Nitroaniline	9.40	65	336023	63.862	ng	96
49) Acenaphthylene	9.72	152	1586873	51.468	ng	99
50) Dimethylphthalate	9.59	163	1208960	54.459	ng	99
51) 2,6-Dinitrotoluene	9.64	165	284116	70.842	ng	97
52) Acenaphthene	9.89	154	1023317	53.500	ng	100
53) 3-Nitroaniline	9.81	138	349245	70.487	ng	97
54) 2,4-Dinitrophenol	9.91	184	154040	116.297	ng	95
55) Dibenzofuran	10.06	168	1439251	52.201	ng	99
56) 4-Nitrophenol	9.96	139	271977	74.733	ng	97
57) 2,4-Dinitrotoluene	10.05	165	375520	77.989	ng	99
58) Fluorene	10.40	166	972782	47.402	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	305710	59.066	ng	98
60) Diethylphthalate	10.28	149	1224908	52.968	ng	99
61) 4-Chlorophenyl-phenylether	10.40	204	484835	46.996	ng	99
62) 4-Nitroaniline	10.43	138	339942	72.071	ng	97
63) Azobenzene	10.56	77	1145846	48.437	ng	98
65) 4,6-Dinitro-2-methylphenol	10.45	198	200970	107.895	ng	95
66) n-Nitrosodiphenylamine	10.52	169	1011254	52.042	ng	99
67) 4-Bromophenyl-phenylether	10.89	248	362385	53.887	ng	96
68) Hexachlorobenzene	10.95	284	388608	55.068	ng	94
69) Atrazine	11.04	200	214734	42.896	ng	98
70) Pentachlorophenol	11.14	266	243246	60.924	ng	98
71) Phenanthrene	11.36	178	1604099	50.995	ng	99
72) Anthracene	11.42	178	1608522	50.604	ng	98
73) Carbazole	11.57	167	1608403	52.656	ng	99
74) Di-n-butylphthalate	11.90	149	1870394	49.458	ng	99
75) Fluoranthene	12.55	202	1778427	53.073	ng	98
77) Benzidine	12.67	184	690296	52.157	ng	99
78) Pyrene	12.78	202	1830188	48.872	ng	99
80) Butylbenzylphthalate	13.40	149	870014	53.811	ng	99
81) Benzo(a)anthracene	13.97	228	1466929	48.805	ng	99
82) 3,3'-Dichlorobenzidine	13.93	252	605181	59.664	ng	100
83) Chrysene	14.00	228	1648481	53.769	ng	100
84) Bis(2-ethylhexyl)phthalate	13.96	149	933182	44.015	ng	99
85) Di-n-octyl phthalate	14.57	149	2051512	54.695	ng	100
87) Indeno(1,2,3-cd)pyrene	16.86	276	2162860	61.063	ng	100
88) Benzo(b)fluoranthene	15.01	252	1864542	51.359	ng	99
89) Benzo(k)fluoranthene	15.04	252	1678321	47.509	ng	99
90) Benzo(a)pyrene	15.37	252	1712272	52.872	ng	99
91) Dibenzo(a,h)anthracene	16.89	278	1729228	58.575	ng	99
92) Benzo(g,h,i)perylene	17.30	276	1749897	64.857	ng	98

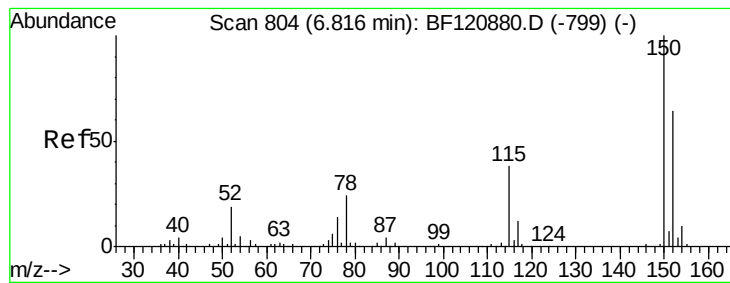
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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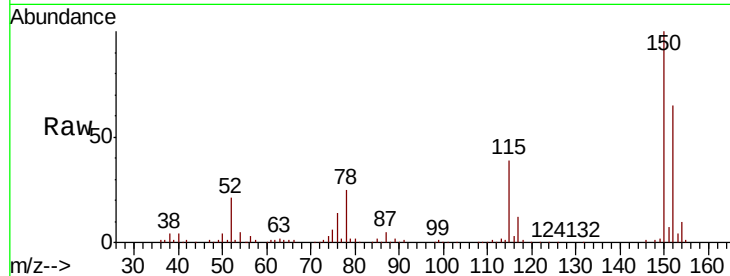


#1

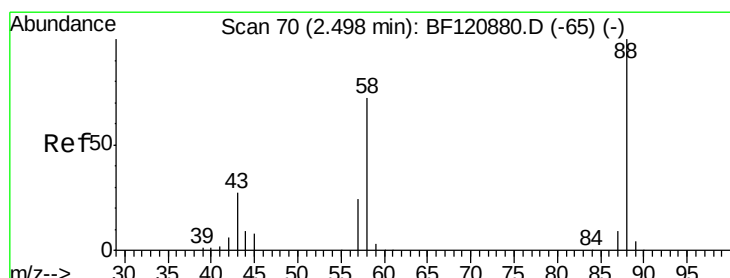
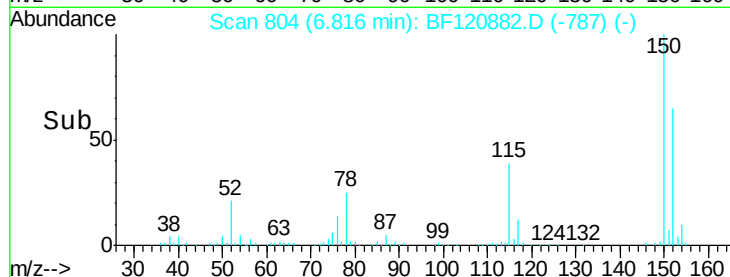
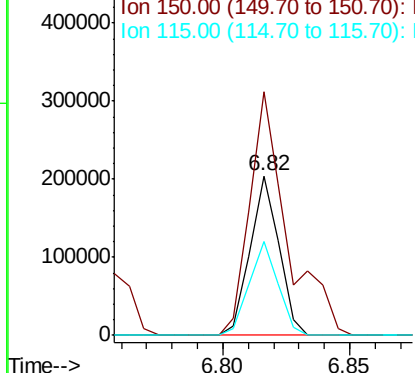
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF120882.D
Acq: 16 Jul 2020 12:41

Instrument :
BNA_P
ClientSampleId :

Tot Ion:152 Resp: 162751
Ion Ratio Lower Upper
152 100
150 152.7 125.0 187.6
115 58.8 47.0 70.4



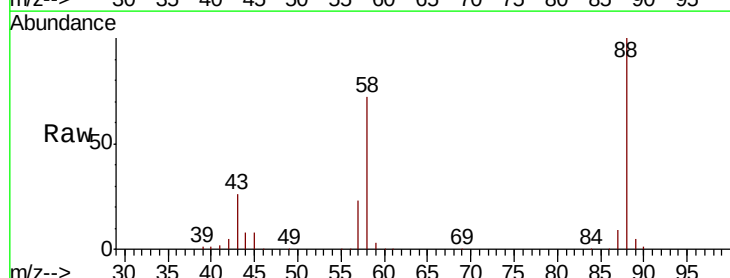
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



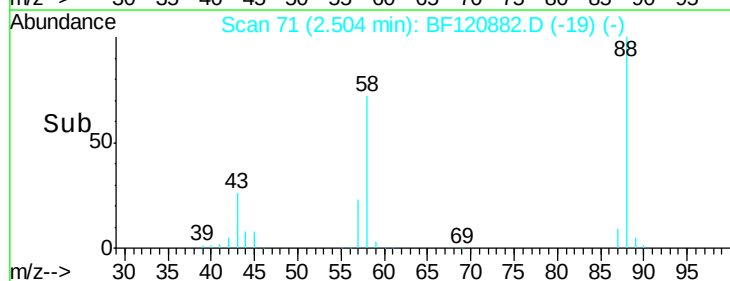
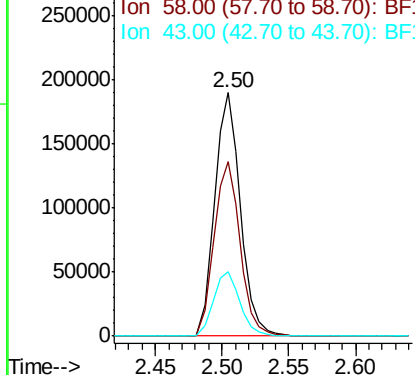
#2

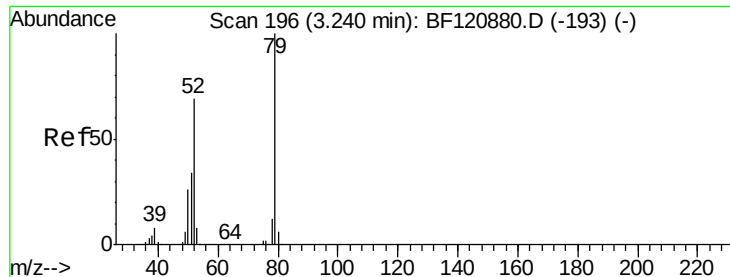
1,4-Dioxane
Concen: 53.417 ng
RT: 2.50 min Scan# 71
Delta R.T. 0.01 min
Lab File: BF120882.D
Acq: 16 Jul 2020 12:41

Tgt Ion: 88 Resp: 257263
Ion Ratio Lower Upper
88 100
58 72.6 58.2 87.2
43 27.3 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: 53.733 ng

RT: 3.25 min Scan# 197

Delta R.T. 0.01 min

Lab File: BF120882.D

Acq: 16 Jul 2020 12:41

Instrument :

BNA_P

ClientSampleId :

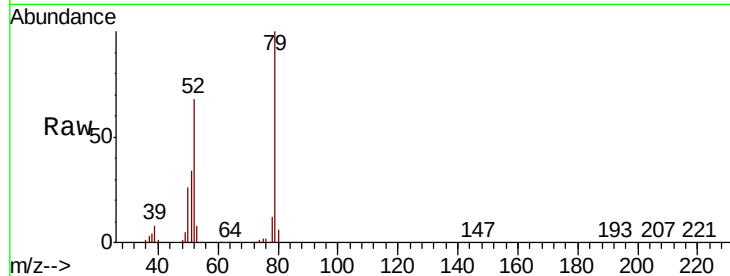
Tot Ion: 79 Resp: 708844

Ion Ratio Lower Upper

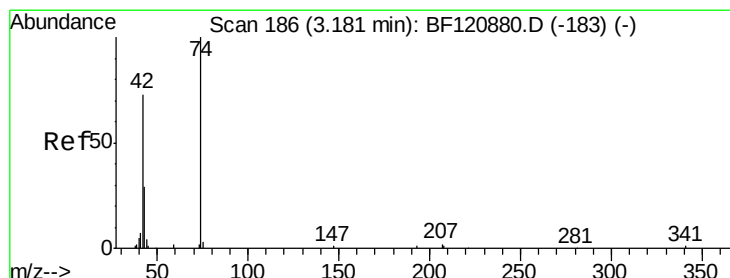
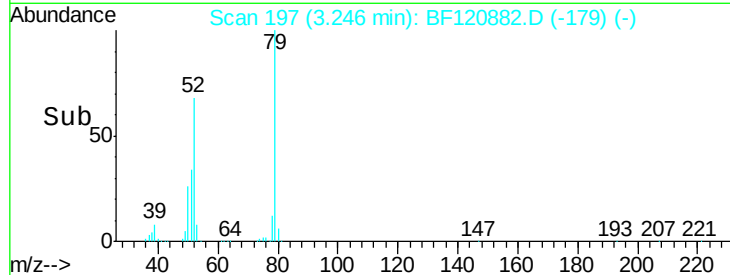
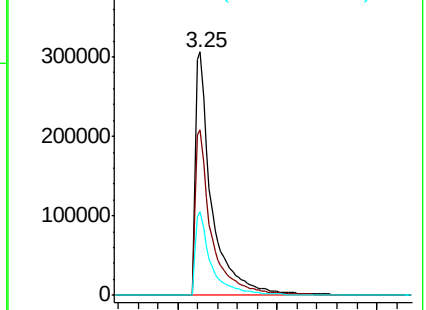
79 100

52 67.9 55.0 82.6

51 34.2 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: 45.184 ng

RT: 3.20 min Scan# 189

Delta R.T. 0.02 min

Lab File: BF120882.D

Acq: 16 Jul 2020 12:41

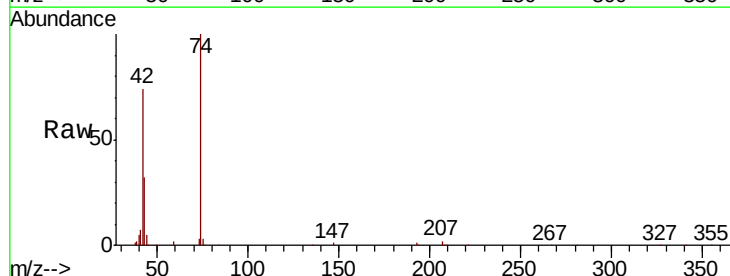
Tgt Ion: 42 Resp: 298189

Ion Ratio Lower Upper

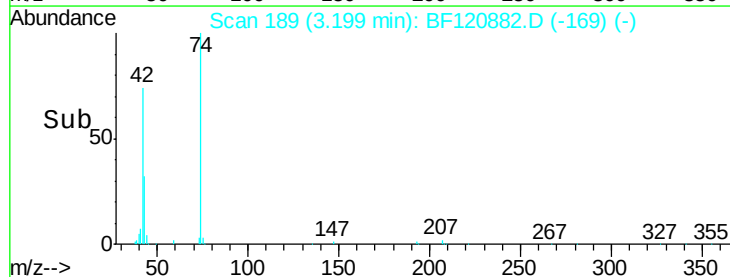
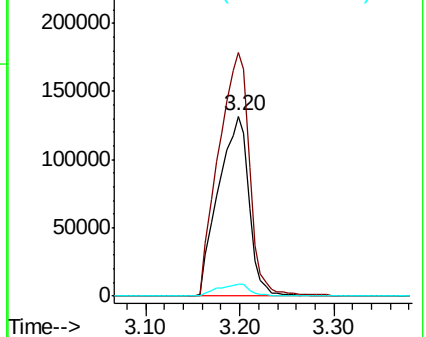
42 100

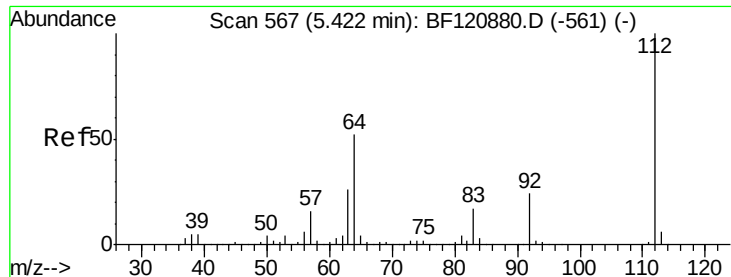
74 135.1 108.7 163.1

44 6.3 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: 100.073 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.00 min

Lab File: BF120882.D

Acq: 16 Jul 2020 12:41

Instrument :

BNA_P

ClientSampleId :

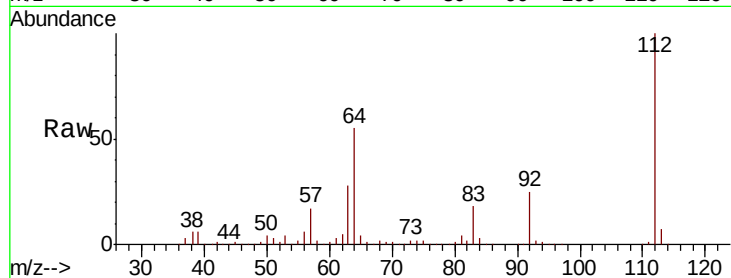
Tot Ion: 112 Resp: 1055091

Ion Ratio Lower Upper

112 100

64 54.5 41.3 61.9

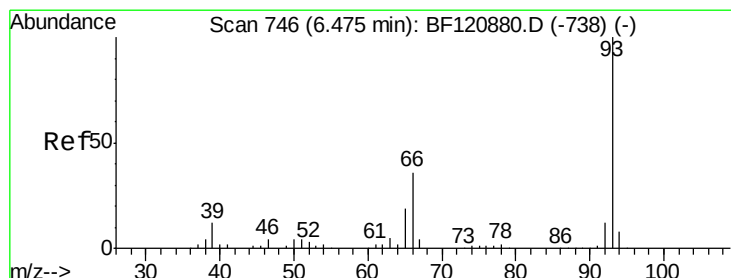
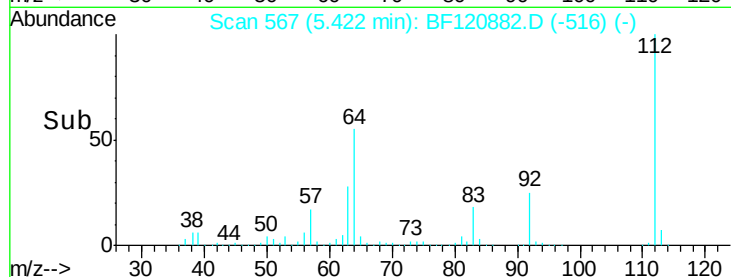
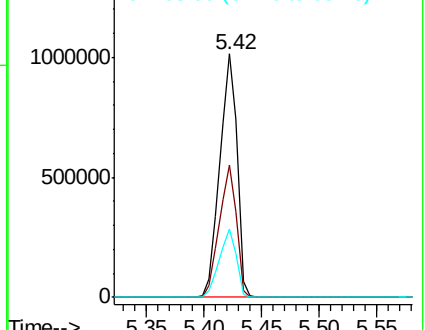
63 28.1 21.1 31.7



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: 54.788 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF120882.D

Acq: 16 Jul 2020 12:41

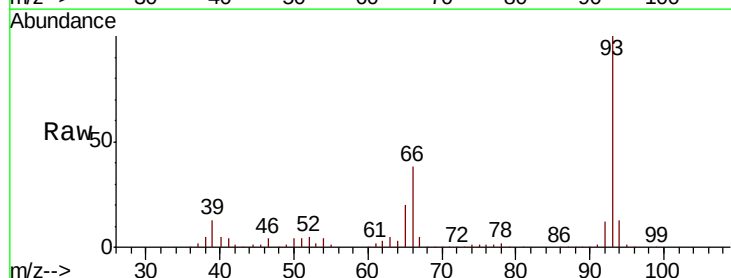
Tgt Ion: 93 Resp: 947389

Ion Ratio Lower Upper

93 100

66 38.5 30.2 45.4

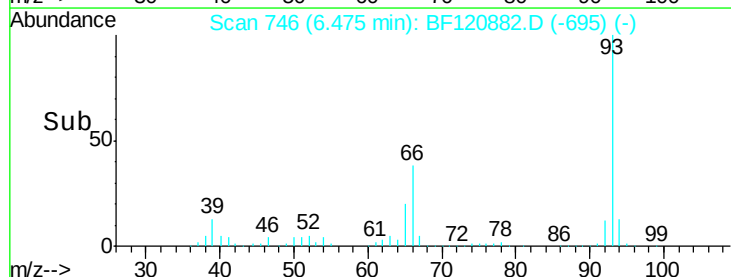
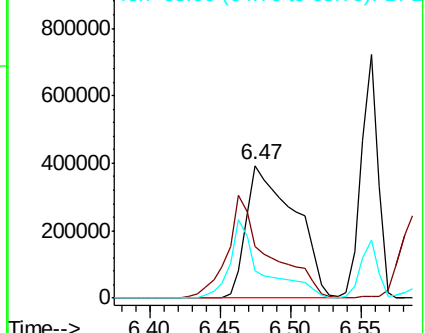
65 20.4 15.8 23.6

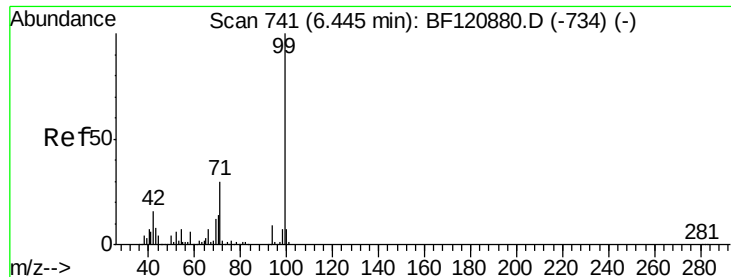


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 101.508 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF120882.D

Acq: 16 Jul 2020 12:41

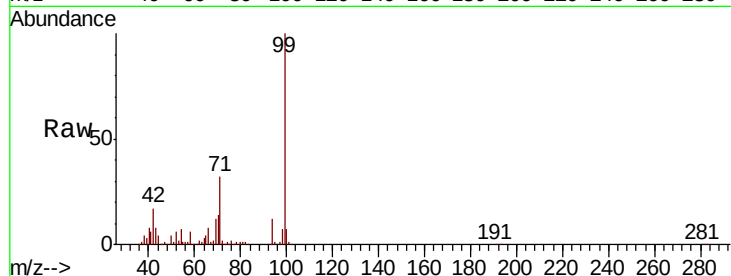
Instrument :

BNA_P

ClientSampled :

Tot Ion: 99 Resp: 1366729

Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.1	19.7
71	31.7	24.2	36.4

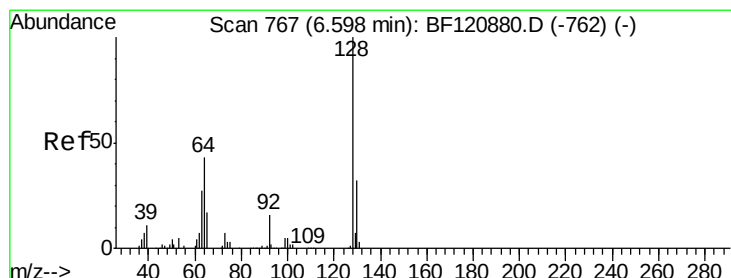
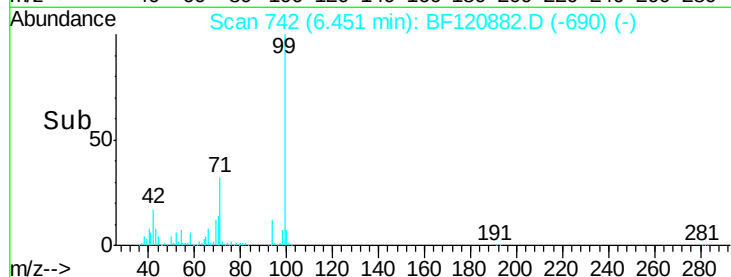


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 53.070 ng

RT: 6.60 min Scan# 768

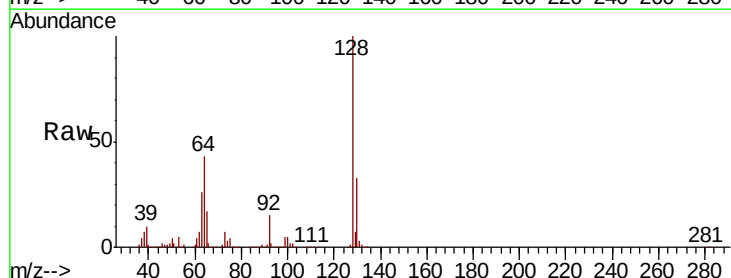
Delta R.T. 0.01 min

Lab File: BF120882.D

Acq: 16 Jul 2020 12:41

Tgt Ion: 128 Resp: 595711

Ion	Ratio	Lower	Upper
128	100		
130	33.3	12.1	52.1
64	43.0	24.0	64.0

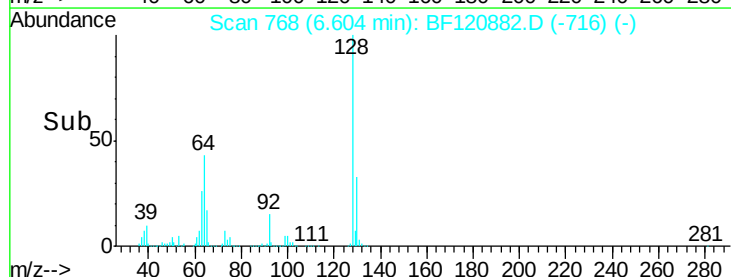


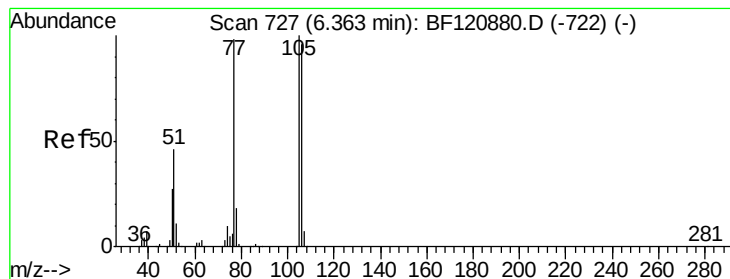
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 39.310 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF120882.D

Acq: 16 Jul 2020 12:41

Instrument :

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ClientSampleId :

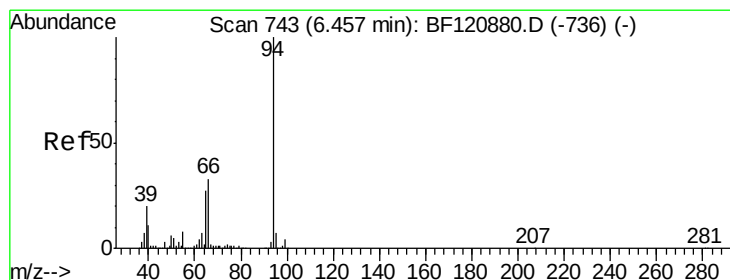
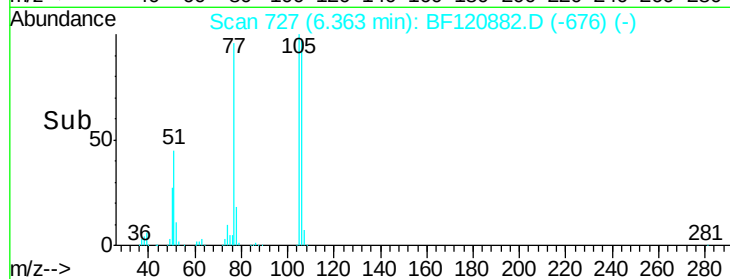
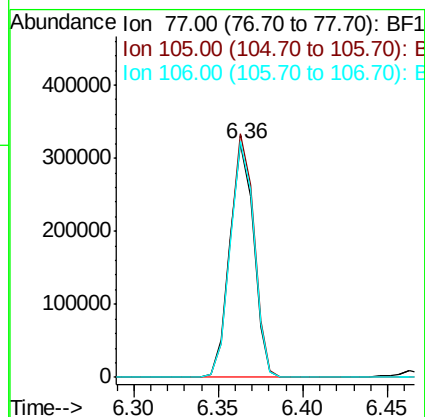
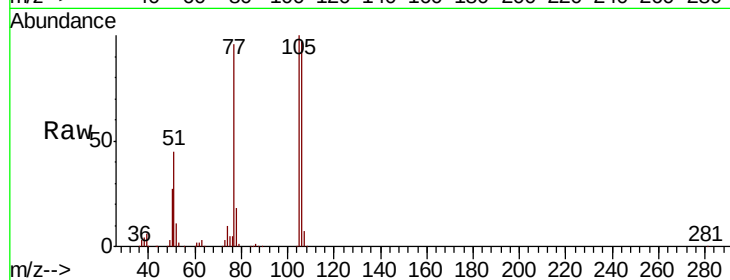
Tot Ion: 77 Resp: 314787

Ion Ratio Lower Upper

77 100

105 104.2 82.5 122.5

106 100.8 78.7 118.7



#10

Phenol

Concen: 54.497 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

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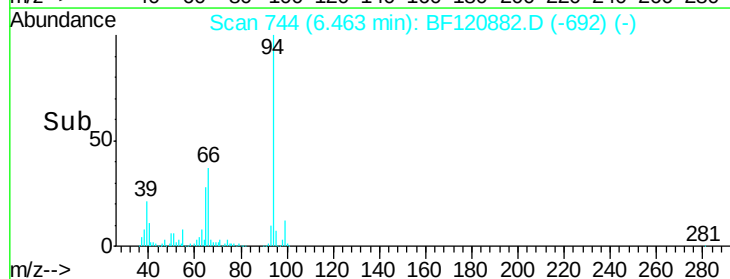
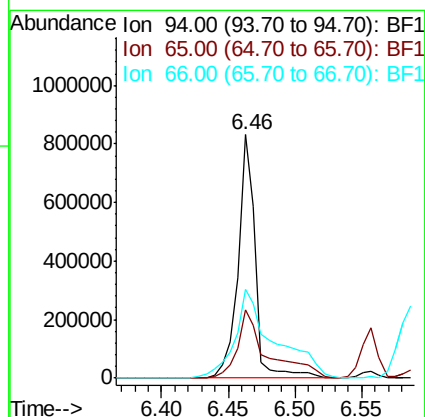
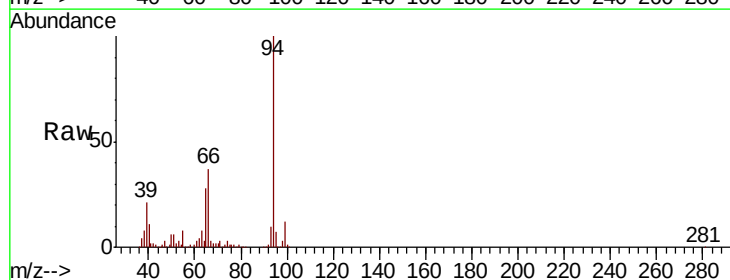
Tgt Ion: 94 Resp: 754820

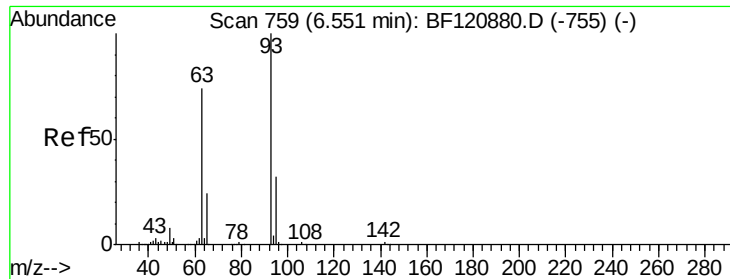
Ion Ratio Lower Upper

94 100

65 28.1 6.6 46.6

66 36.7 13.2 53.2

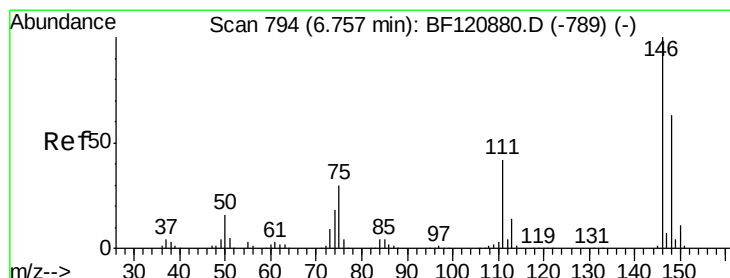
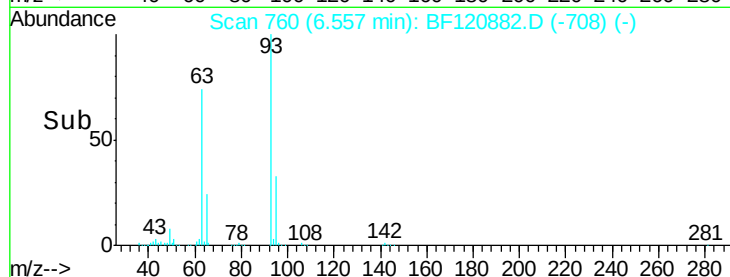
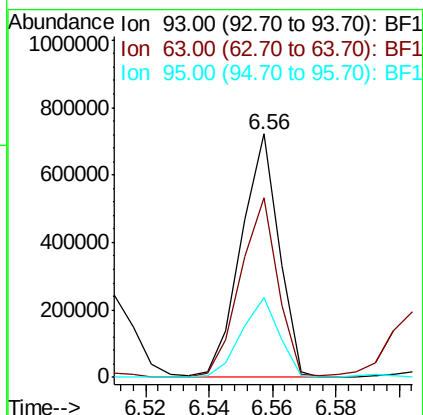
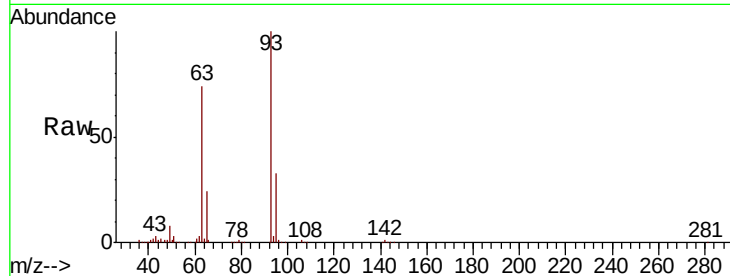




#11
bis(2-Chloroethyl)ether
Concen: 52.618 ng
RT: 6.56 min Scan# 760
Delta R.T. 0.01 min
Lab File: BF120882.D
Acq: 16 Jul 2020 12:41

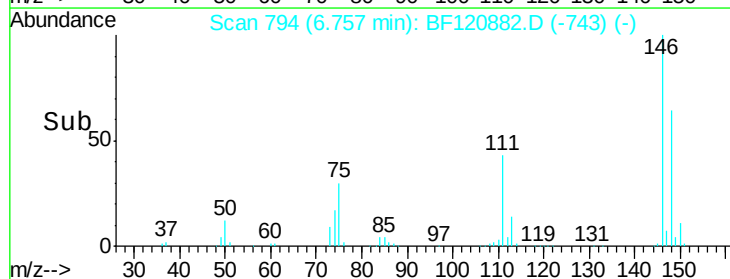
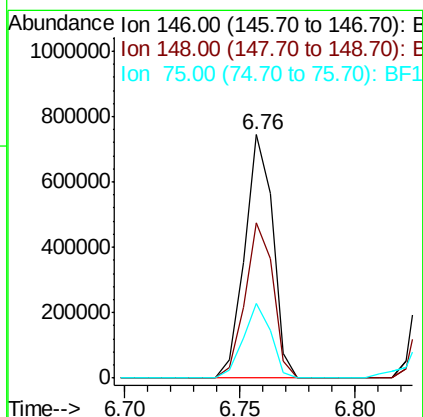
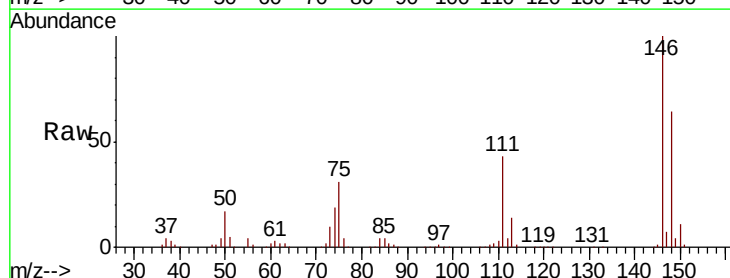
Instrument :
BNA_P
ClientSampleId :

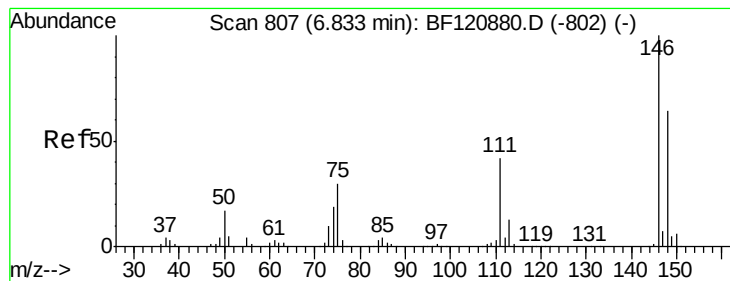
Tot Ion	Ratio	Lower	Upper
93	100		
63	73.9	54.2	94.2
95	32.6	12.2	52.2



#12
1,3-Dichlorobenzene
Concen: 51.354 ng
RT: 6.76 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF120882.D
Acq: 16 Jul 2020 12:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.6	75.8
75	30.9	24.1	36.1





#13

1,4-Dichlorobenzene

Concen: 51.063 ng

RT: 6.83 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF120882.D

Acq: 16 Jul 2020 12:41

Instrument :

BNA_P

ClientSampleId :

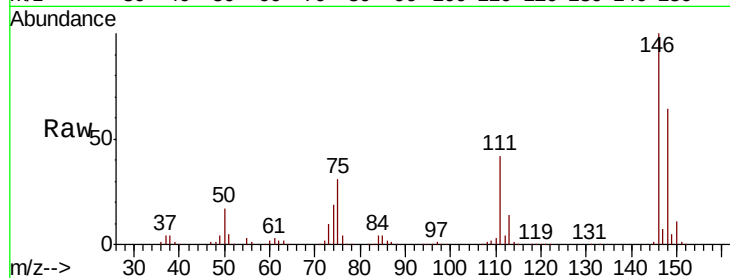
Tot Ion:146 Resp: 631907

Ion Ratio Lower Upper

146 100

148 63.6 51.6 77.4

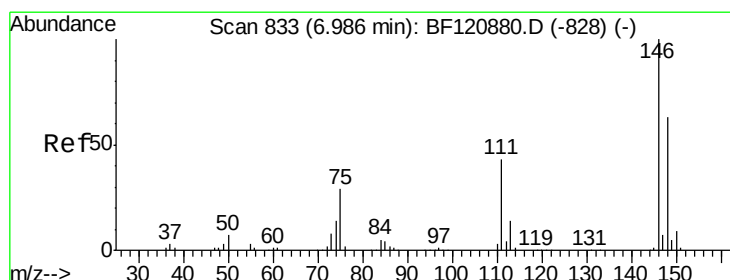
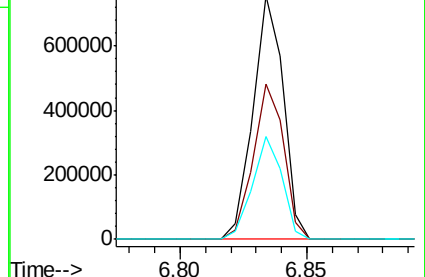
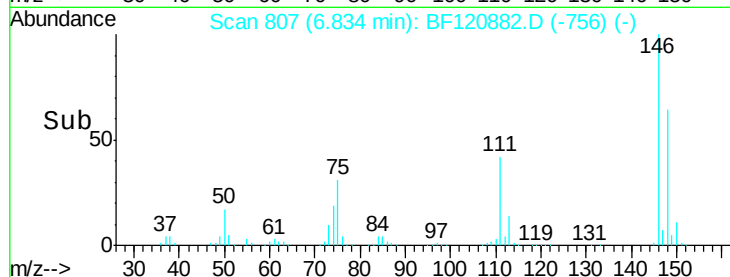
111 42.4 33.5 50.3



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: 49.564 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.01 min

Lab File: BF120882.D

Acq: 16 Jul 2020 12:41

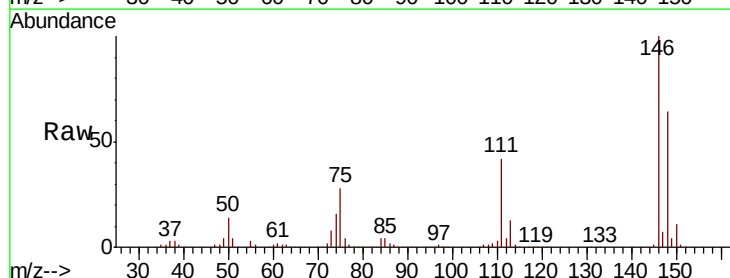
Tgt Ion:146 Resp: 583543

Ion Ratio Lower Upper

146 100

148 64.3 50.6 76.0

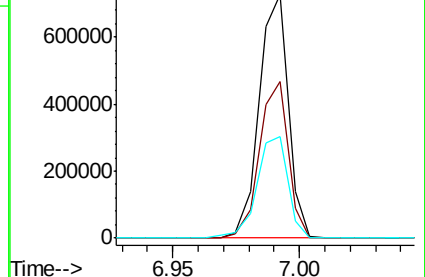
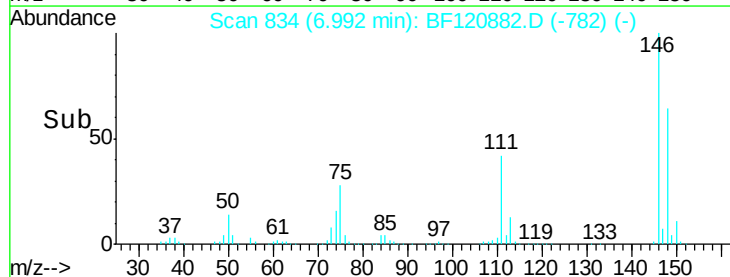
111 41.9 34.2 51.2

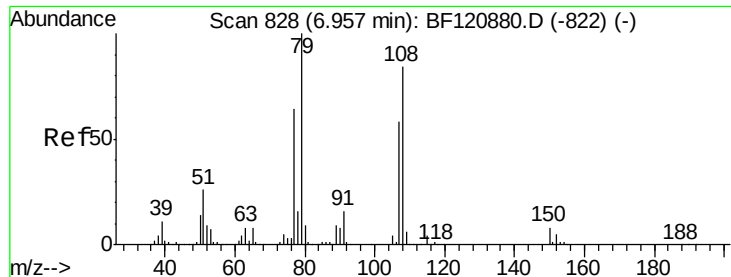


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 47.759 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.01 min

Lab File: BF120882.D

Acq: 16 Jul 2020 12:41

Instrument :

BNA_P

ClientSampled :

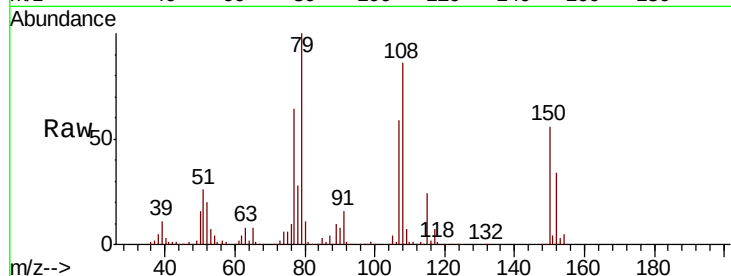
Tot Ion: 79 Resp: 483136

Ion Ratio Lower Upper

79 100

108 86.3 67.0 100.6

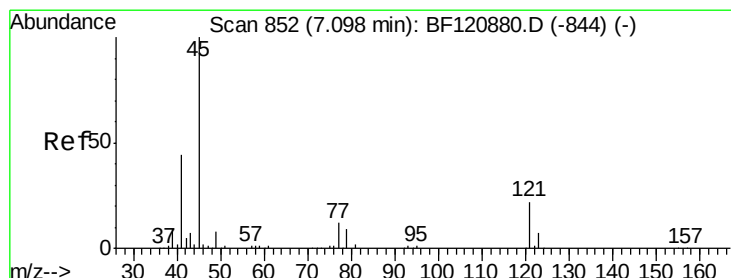
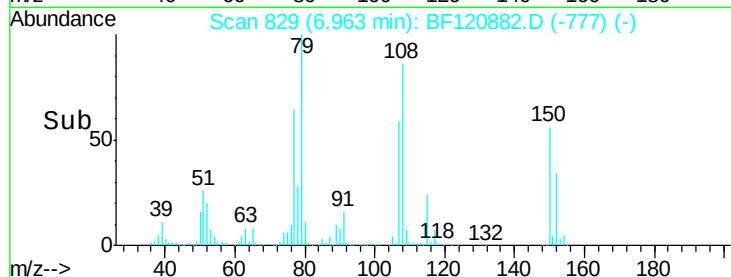
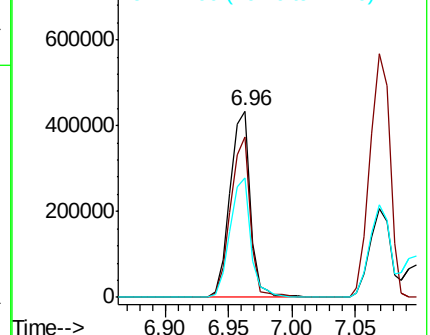
77 64.0 51.0 76.4



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 48.593 ng

RT: 7.10 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF120882.D

Acq: 16 Jul 2020 12:41

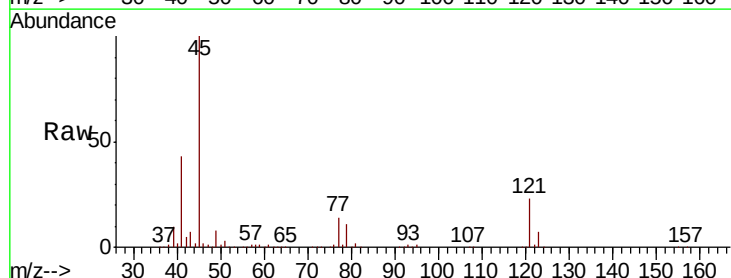
Tgt Ion: 45 Resp: 854257

Ion Ratio Lower Upper

45 100

77 14.4 0.0 34.3

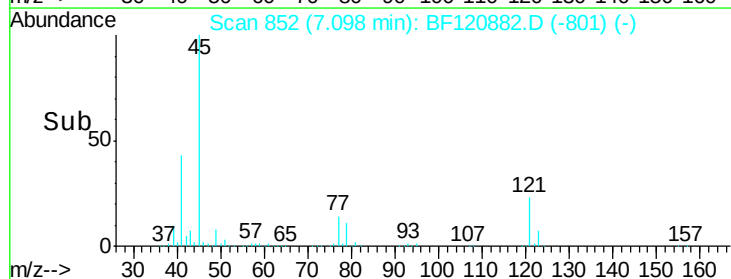
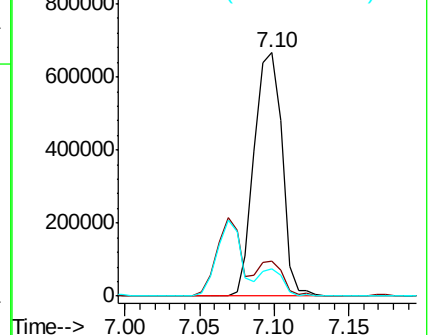
79 11.4 0.0 31.0

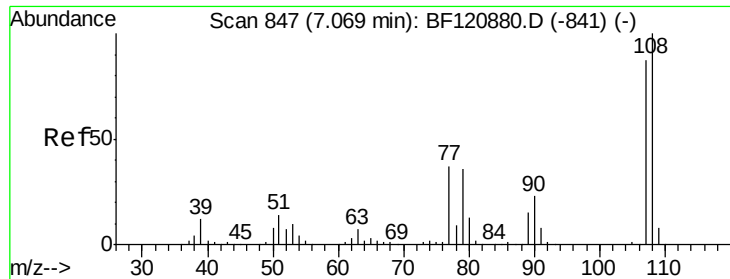


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

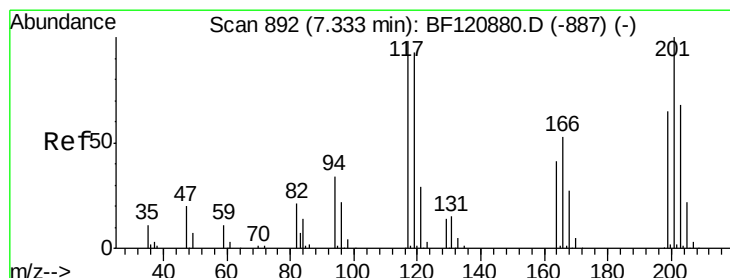
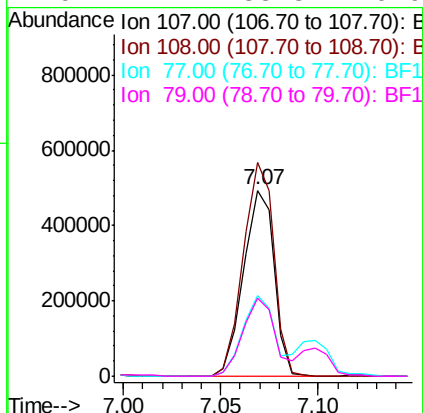
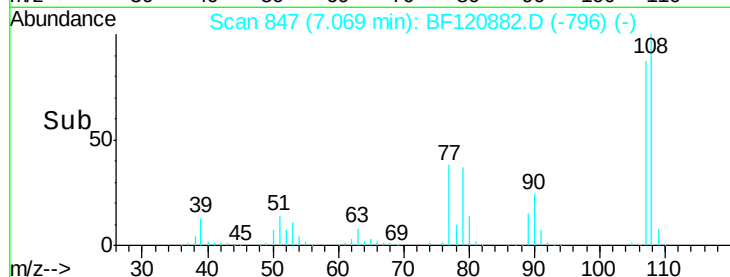
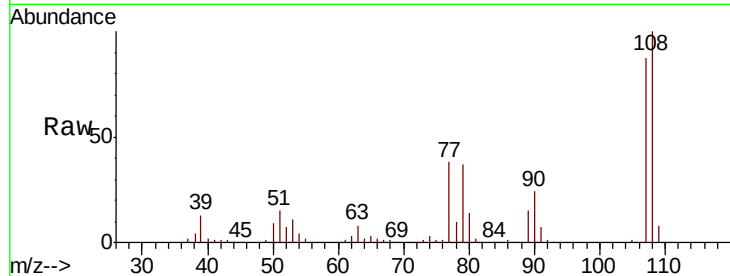




#17
2-Methylphenol
Concen: 53.387 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF120882.D
Acq: 16 Jul 2020 12:41

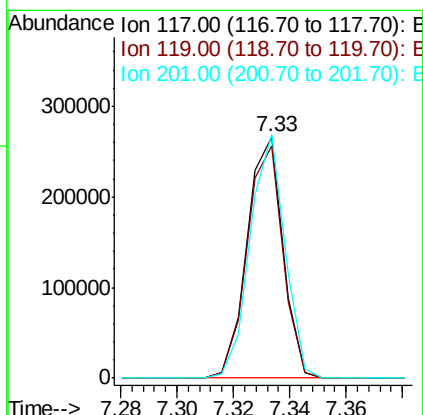
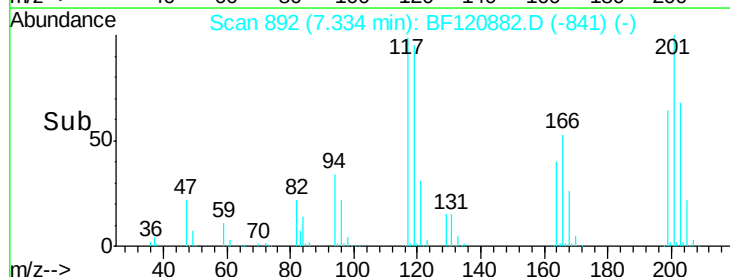
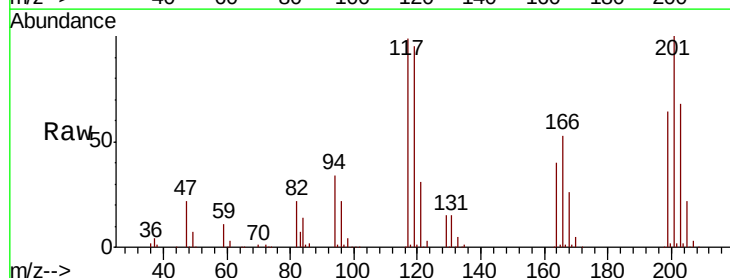
Instrument :
BNA_P
ClientSampled :

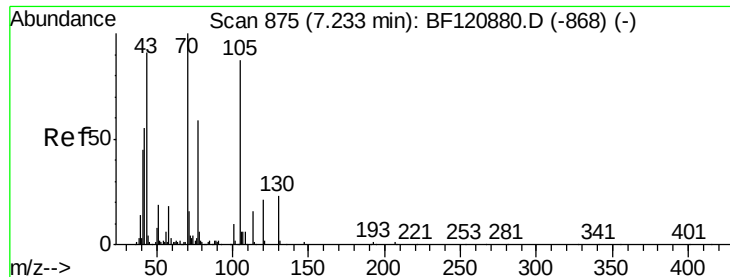
Tot Ion	Ratio	Lower	Upper
107	100		
108	114.9	92.0	138.0
77	43.4	34.0	51.0
79	42.1	33.3	49.9



#18
Hexachloroethane
Concen: 50.356 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.00 min
Lab File: BF120882.D
Acq: 16 Jul 2020 12:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	76.0	114.0
201	100.8	81.7	122.5

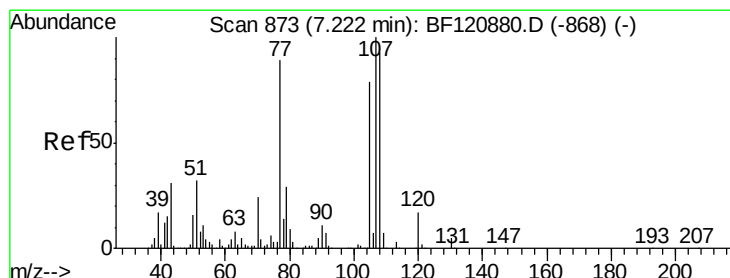
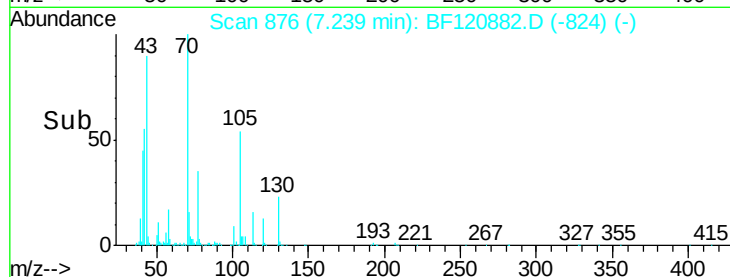
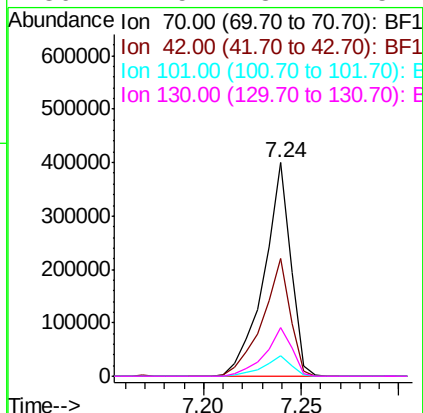
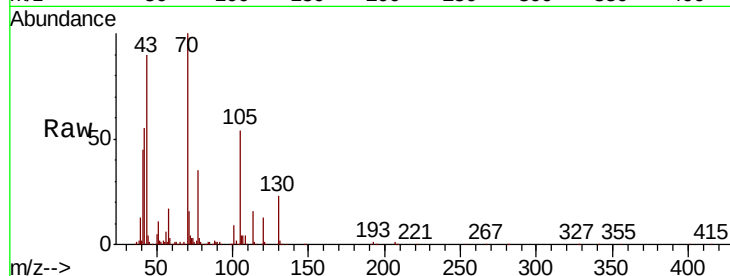




#19
n-Nitroso-di-n-propylamine
Concen: 46.964 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.01 min
Lab File: BF120882.D
Acq: 16 Jul 2020 12:41

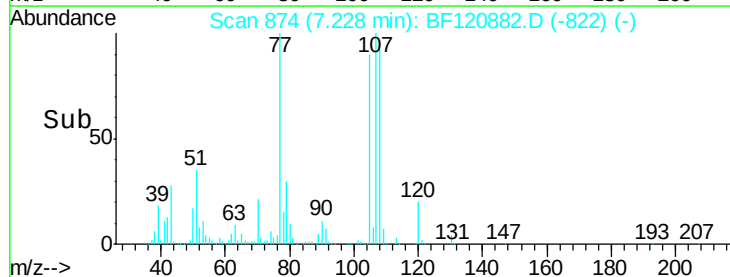
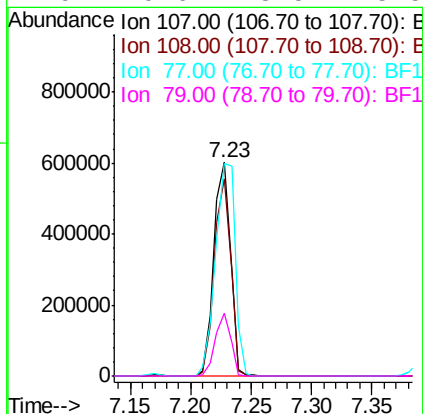
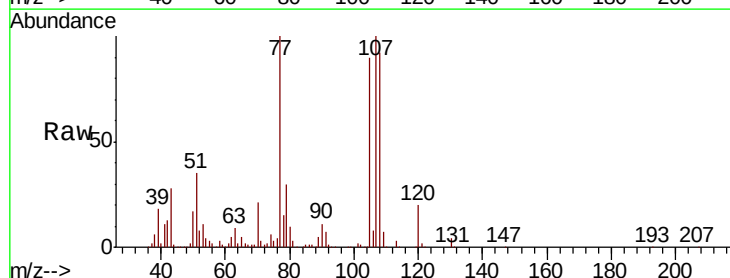
Instrument :
BNA_P
ClientSampleId :

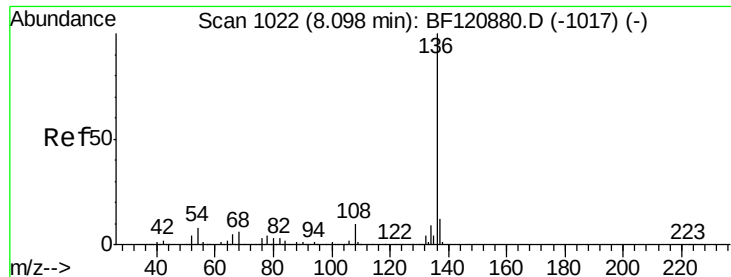
Tot Ion: 70 Resp: 380733
Ion Ratio Lower Upper
70 100
42 55.4 44.0 66.0
101 9.4 7.8 11.6
130 22.5 18.7 28.1



#20
3+4-Methylphenols
Concen: 45.807 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF120882.D
Acq: 16 Jul 2020 12:41

Tgt Ion: 107 Resp: 566541
Ion Ratio Lower Upper
107 100
108 92.4 72.8 112.8
77 99.5 68.7 108.7
79 29.6 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: BF120882.D

Acq: 16 Jul 2020 12:41

Instrument :

BNA_P

ClientSampleId :

Tot Ion:136 Resp: 589023

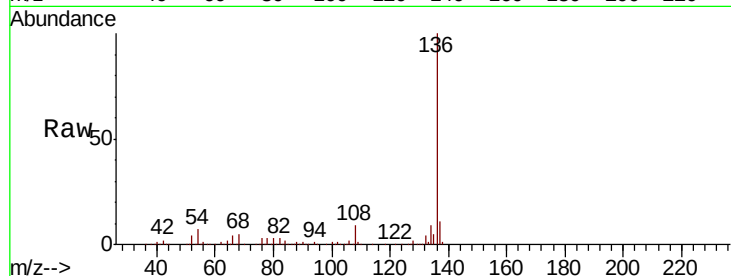
Ion Ratio Lower Upper

136 100

137 10.8 9.3 13.9

54 6.7 6.3 9.5

68 5.4 5.0 7.4

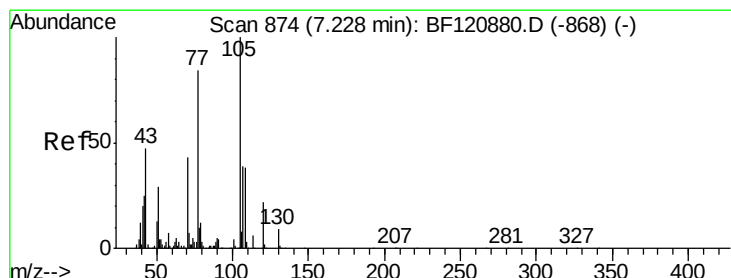
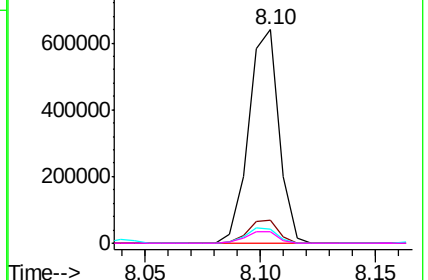
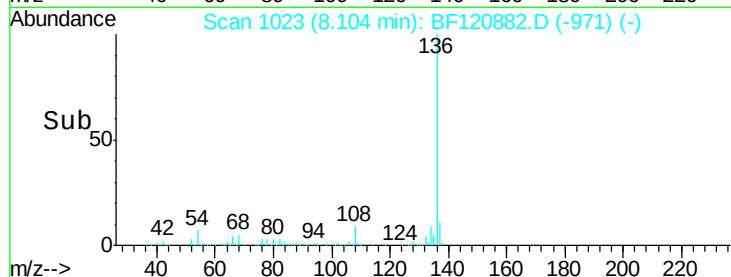


Abundance Ion 136.00 (135.70 to 136.70): E

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: 46.153 ng

RT: 7.23 min Scan# 875

Delta R.T. 0.01 min

Lab File: BF120882.D

Acq: 16 Jul 2020 12:41

Tgt Ion:105 Resp: 675728

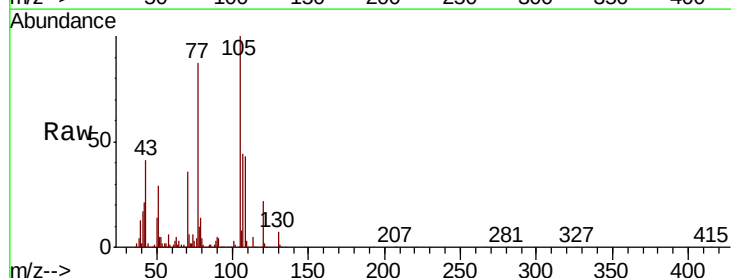
Ion Ratio Lower Upper

105 100

71 5.8 5.7 8.5

51 29.4 22.9 34.3

120 22.3 18.0 27.0

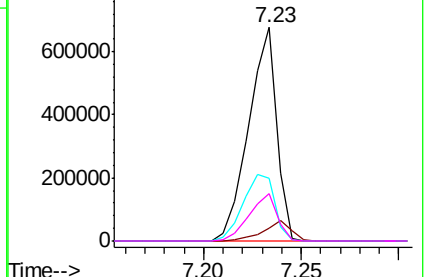
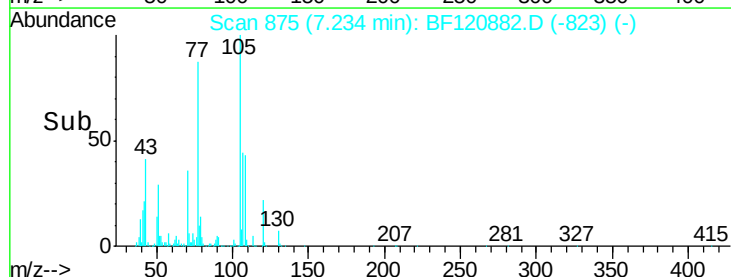


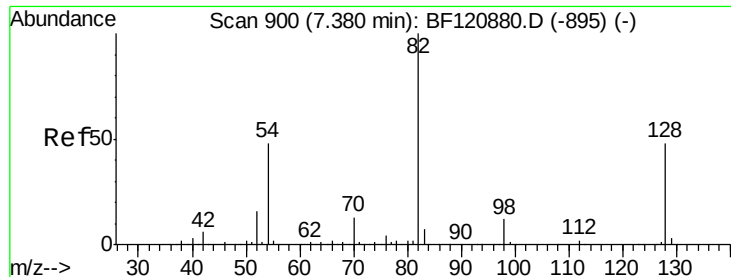
Abundance Ion 105.00 (104.70 to 105.70): E

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

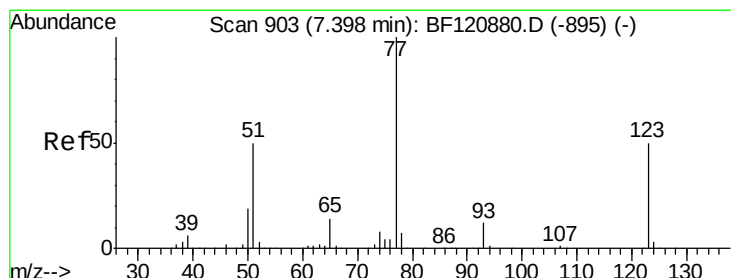
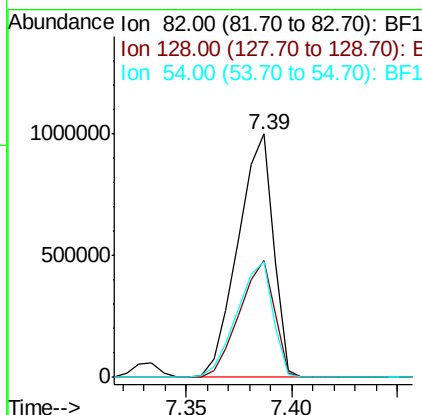
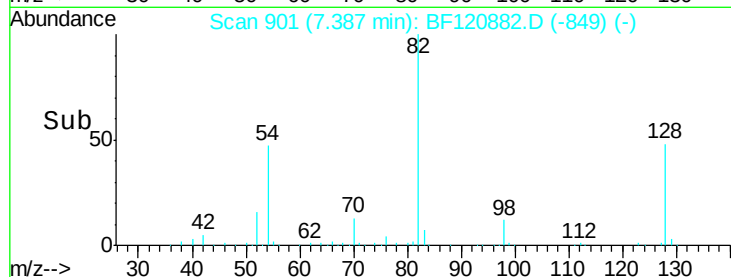
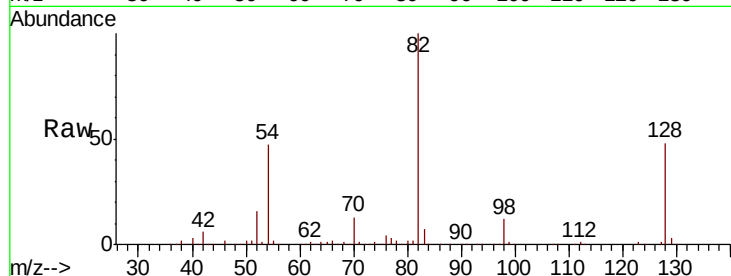




#23
 Nitrobenzene-d5
 Concen: 113.925 ng
 RT: 7.39 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: BF120882.D
 Acq: 16 Jul 2020 12:41

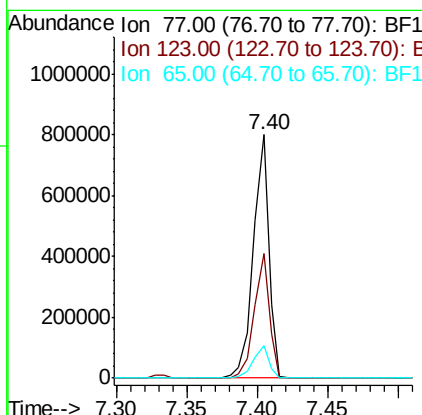
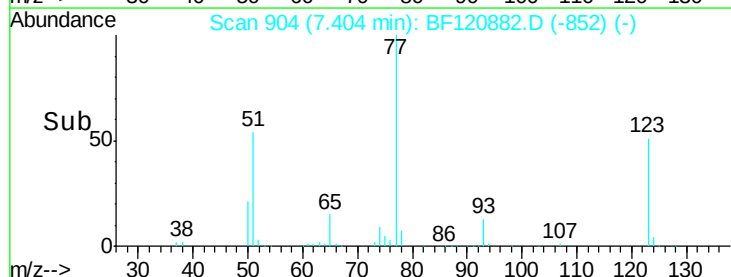
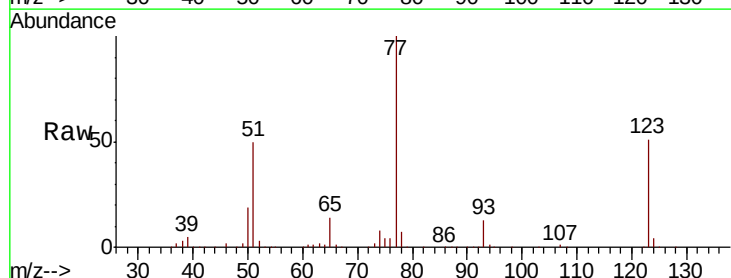
Instrument :
 BNA_P
 ClientSampled :

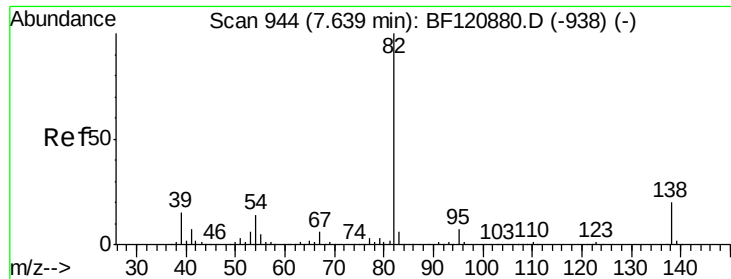
Tot Ion: 82 Resp: 1158215
 Ion Ratio Lower Upper
 82 100
 128 48.2 38.2 57.4
 54 47.4 38.7 58.1



#24
 Nitrobenzene
 Concen: 54.487 ng
 RT: 7.40 min Scan# 904
 Delta R.T. 0.01 min
 Lab File: BF120882.D
 Acq: 16 Jul 2020 12:41

Tgt Ion: 77 Resp: 621971
 Ion Ratio Lower Upper
 77 100
 123 51.2 40.1 60.1
 65 13.5 10.8 16.2





#25

Isophorone

Concen: 52.048 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.01 min

Lab File: BF120882.D

Acq: 16 Jul 2020 12:41

Instrument :

BNA_P

ClientSampled :

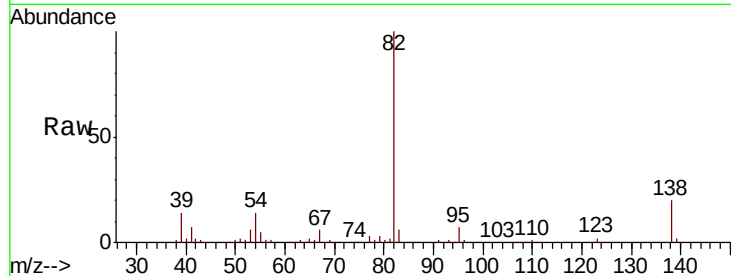
Tot Ion: 82 Resp: 1141156

Ion Ratio Lower Upper

82 100

95 7.1 5.5 8.3

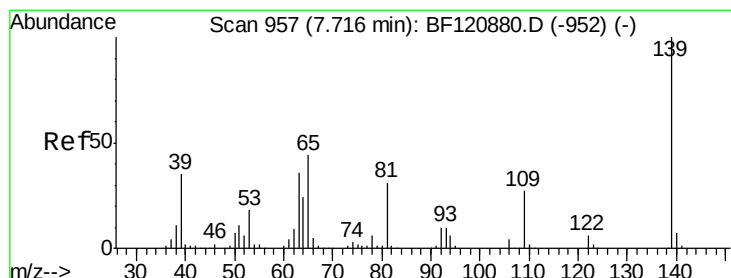
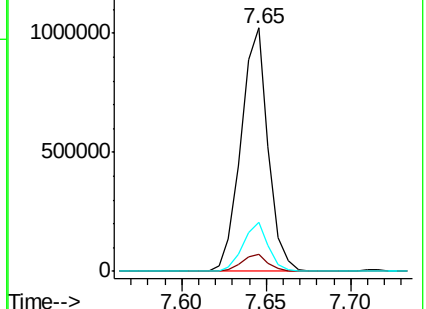
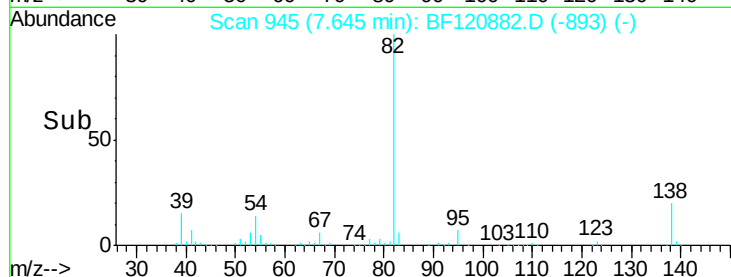
138 20.0 15.6 23.4



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: 77.346 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF120882.D

Acq: 16 Jul 2020 12:41

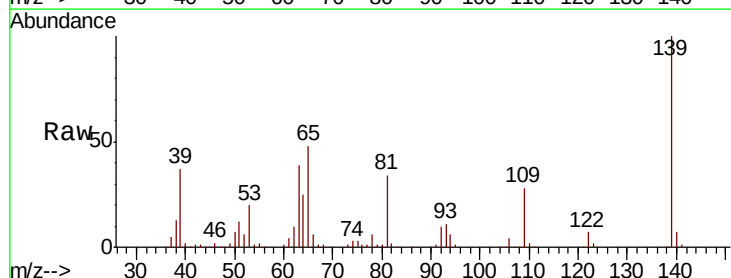
Tgt Ion: 139 Resp: 322745

Ion Ratio Lower Upper

139 100

109 27.8 21.6 32.4

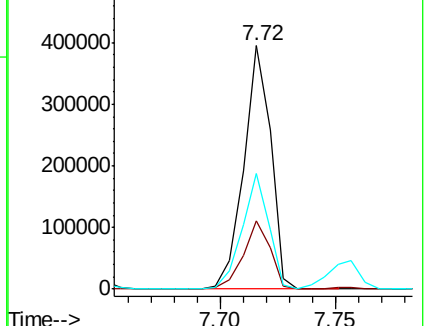
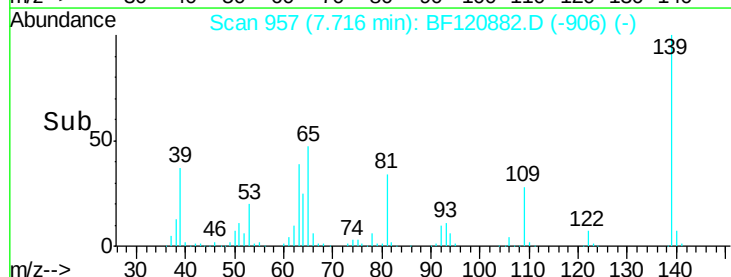
65 47.6 35.3 52.9

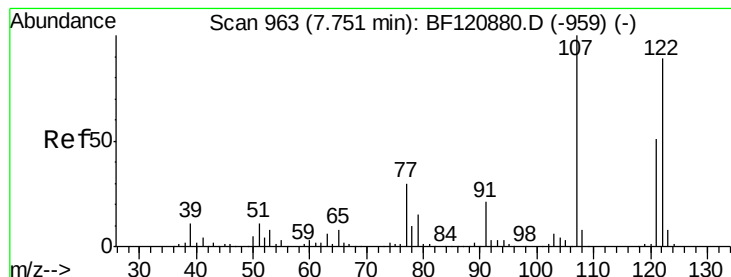


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 54.960 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BF120882.D

Acq: 16 Jul 2020 12:41

Instrument :

BNA_P

ClientSampleId :

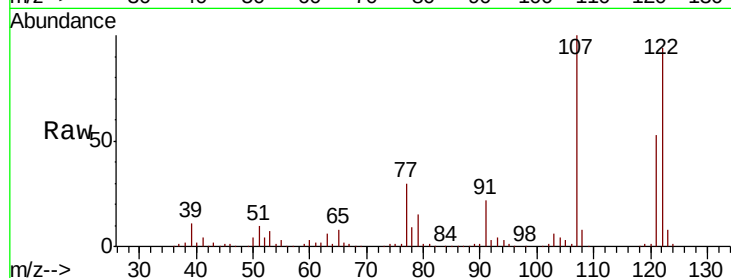
Tot Ion:122 Resp: 481024

Ion Ratio Lower Upper

122 100

107 106.1 89.4 134.0

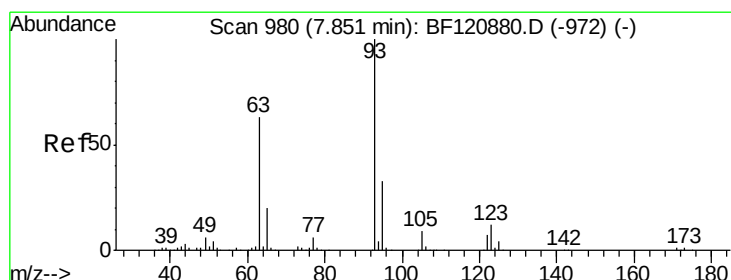
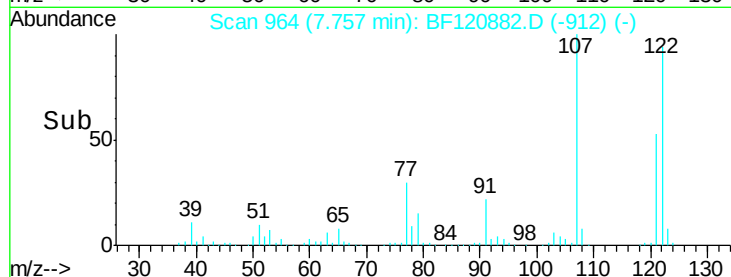
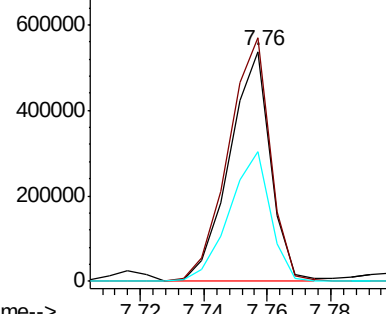
121 56.3 46.0 69.0



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: 53.307 ng

RT: 7.85 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF120882.D

Acq: 16 Jul 2020 12:41

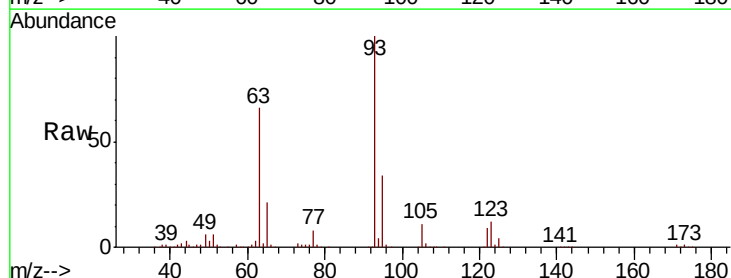
Tgt Ion: 93 Resp: 691721

Ion Ratio Lower Upper

93 100

95 33.5 26.6 39.8

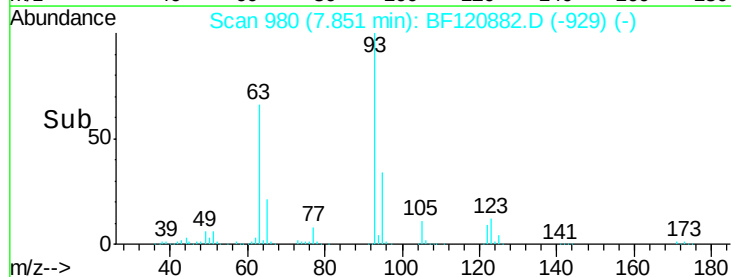
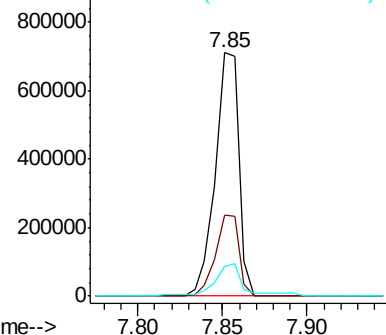
123 12.2 10.0 15.0

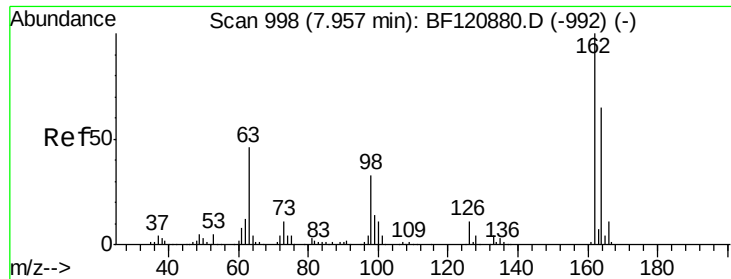


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

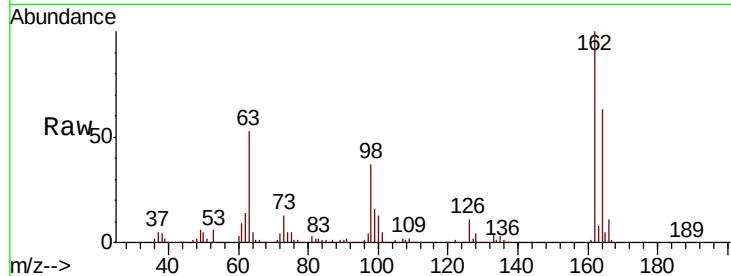




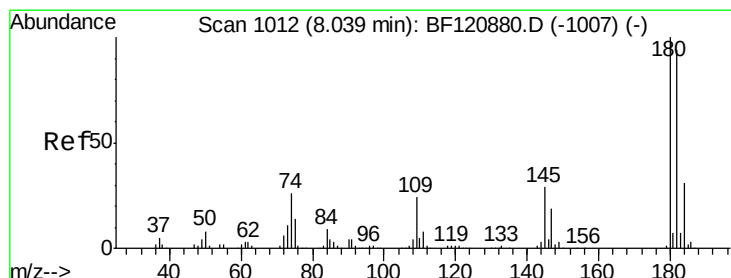
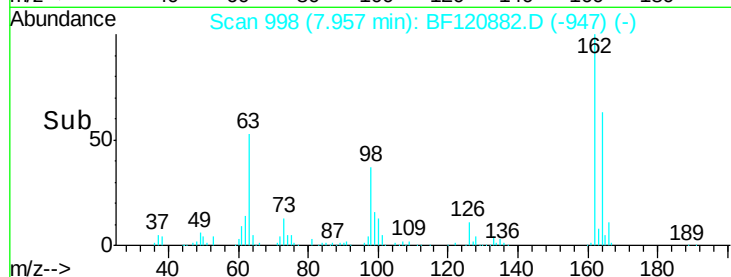
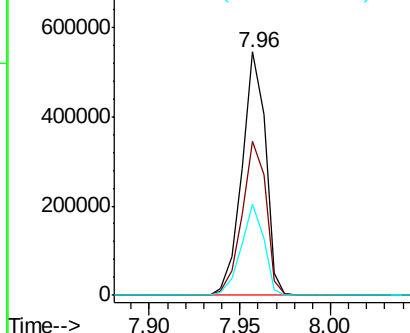
#29
2,4-Dichlorophenol
Concen: 56.314 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.00 min
Lab File: BF120882.D
Acq: 16 Jul 2020 12:41

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.5	45.3	85.3
98	37.4	13.3	53.3

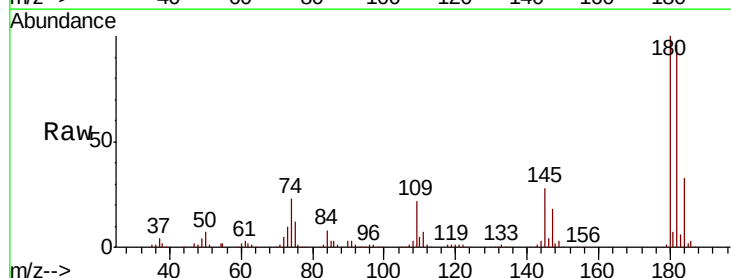


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

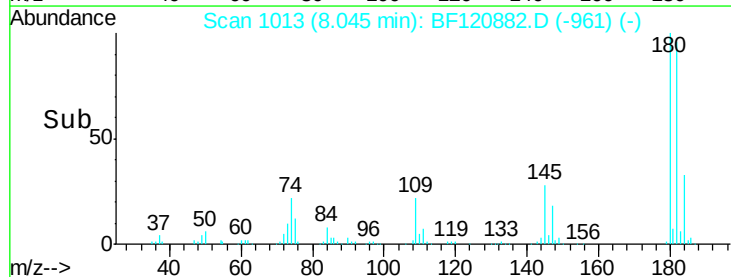
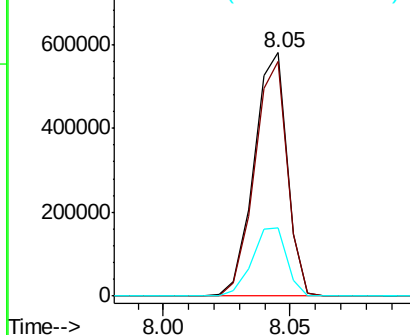


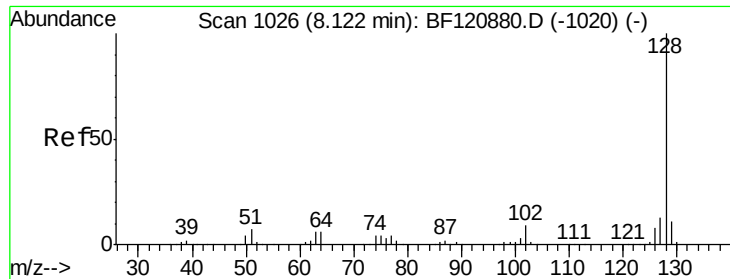
#30
1,2,4-Trichlorobenzene
Concen: 54.025 ng
RT: 8.05 min Scan# 1013
Delta R.T. 0.01 min
Lab File: BF120882.D
Acq: 16 Jul 2020 12:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	75.0	112.6
145	28.3	23.5	35.3



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

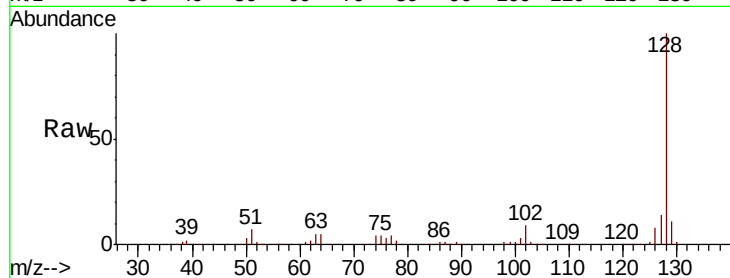




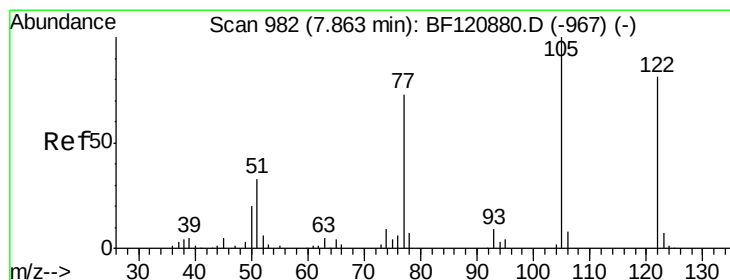
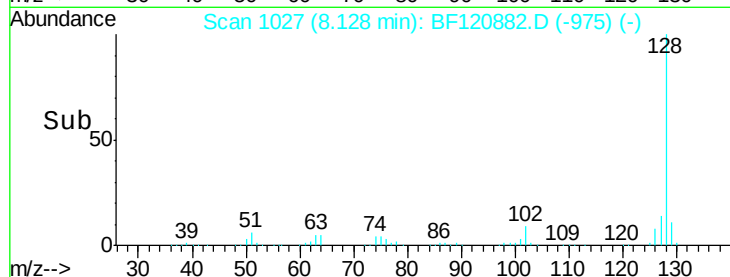
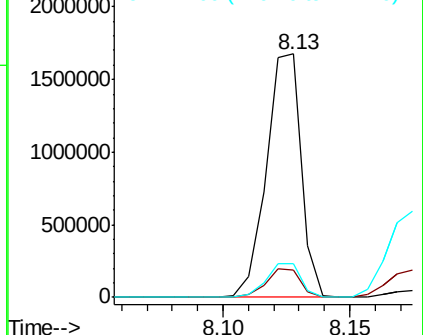
#31
Naphthalene
Concen: 51.291 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BF120882.D
Acq: 16 Jul 2020 12:41

Instrument :
BNA_P
ClientSampleId :

Tot Ion:128 Resp: 1614580
Ion Ratio Lower Upper
128 100
129 11.4 9.1 13.7
127 13.8 10.7 16.1

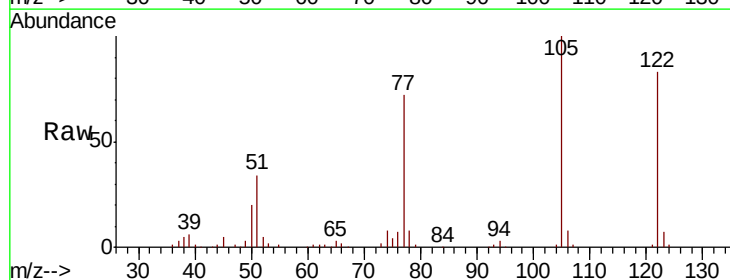


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

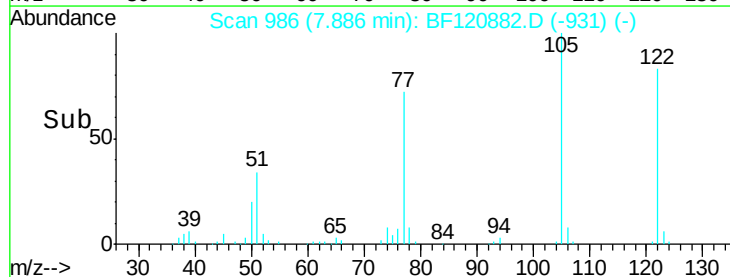
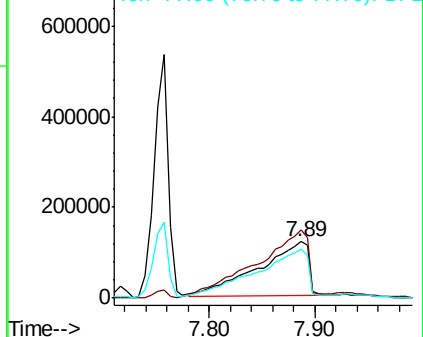


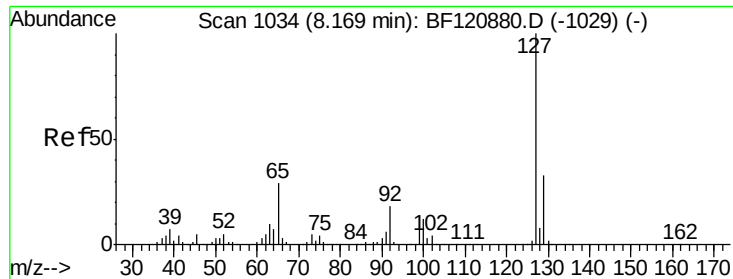
#32
Benzoic acid
Concen: 83.972 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.02 min
Lab File: BF120882.D
Acq: 16 Jul 2020 12:41

Tgt Ion:122 Resp: 397744
Ion Ratio Lower Upper
122 100
105 119.8 101.3 141.3
77 86.4 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

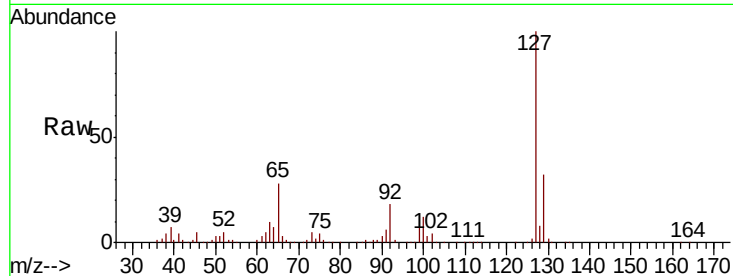




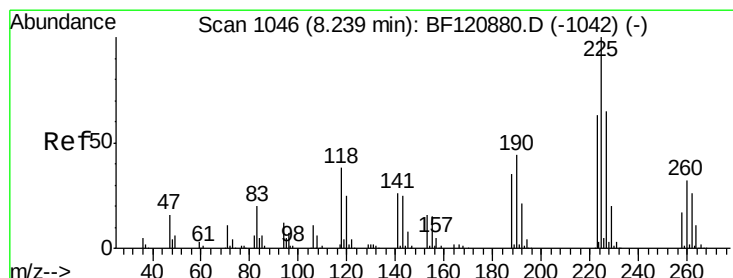
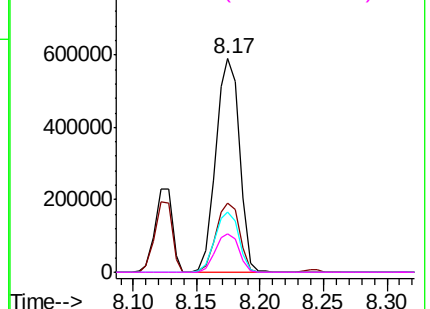
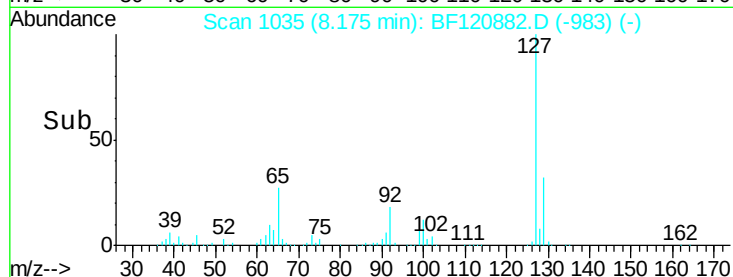
#33
4-Chloroaniline
Concen: 58.022 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.01 min
Lab File: BF120882.D
Acq: 16 Jul 2020 12:41

Instrument :
BNA_P
ClientSampled :

Tot Ion:	127	Resp:	775042
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.5	39.7
65	28.0	23.0	34.4
92	18.0	14.5	21.7

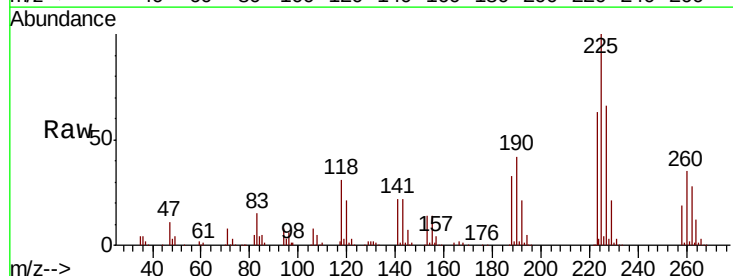


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

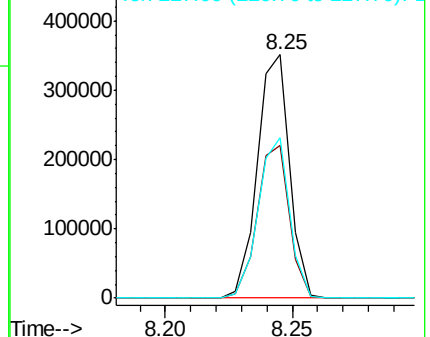
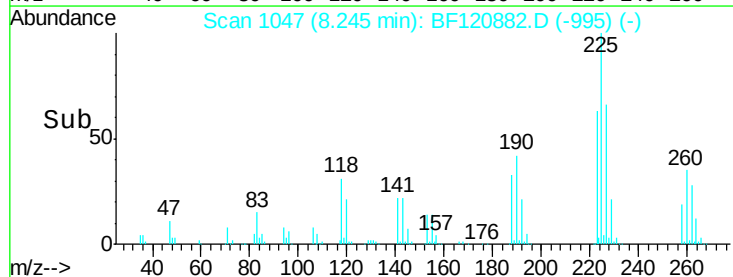


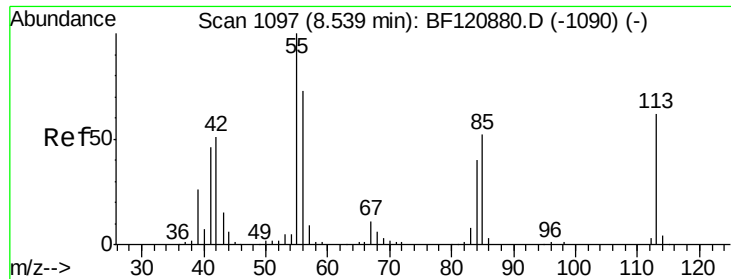
#34
Hexachlorobutadiene
Concen: 52.467 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.01 min
Lab File: BF120882.D
Acq: 16 Jul 2020 12:41

Tgt Ion:	225	Resp:	309668
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.6	76.0
227	66.1	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

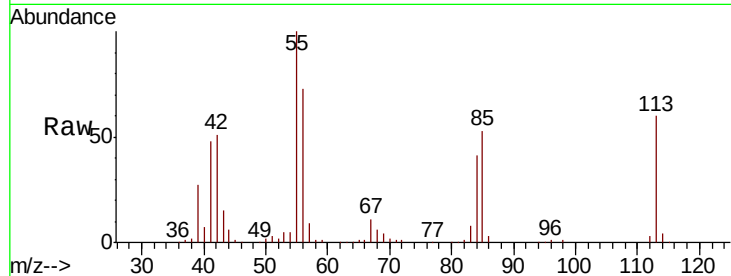




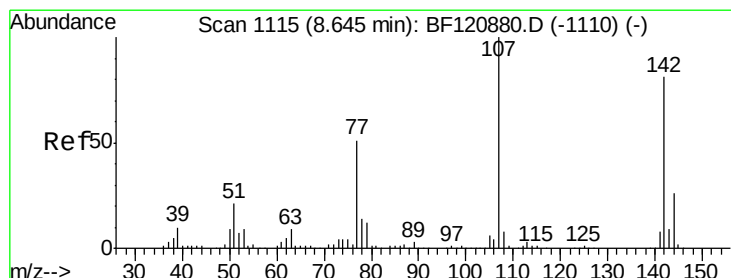
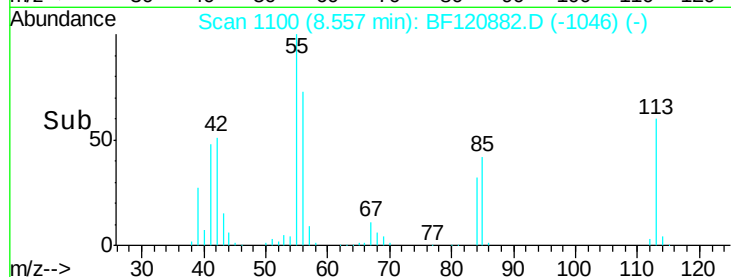
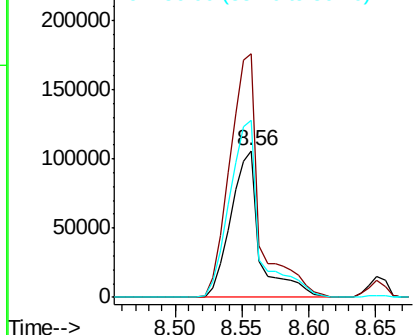
#35
Caprolactam
Concen: 64.114 ng
RT: 8.56 min Scan# 1100
Delta R.T. 0.02 min
Lab File: BF120882.D
Acq: 16 Jul 2020 12:41

Instrument :
BNA_P
ClientSampled :

Tot Ion:113 Resp: 163228
Ion Ratio Lower Upper
113 100
55 166.4 143.3 183.3
56 121.3 99.4 139.4

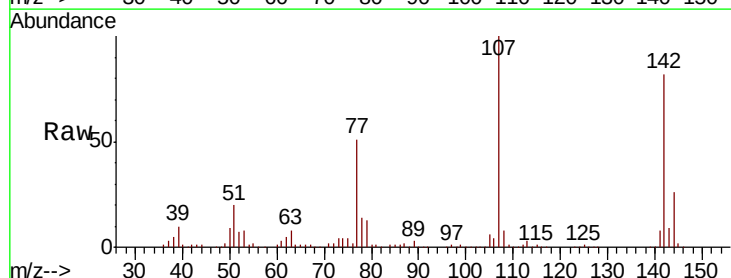


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

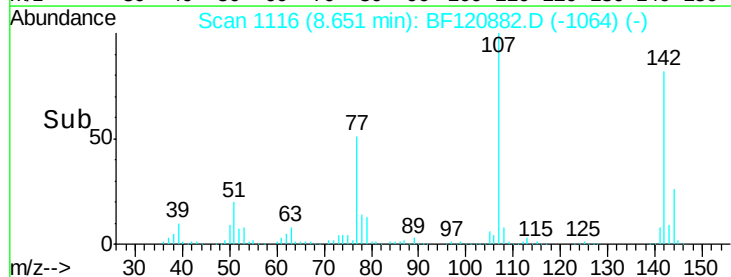
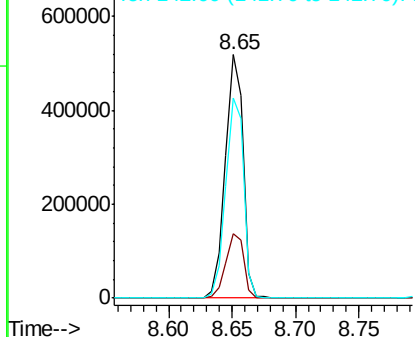


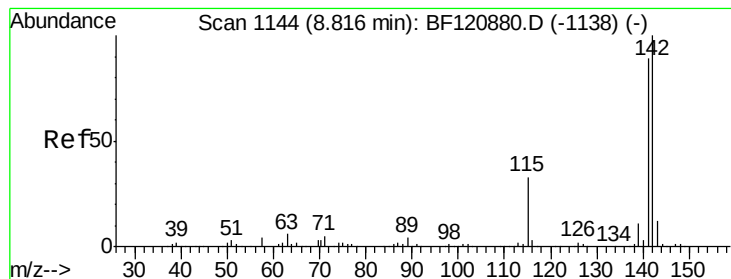
#36
4-Chloro-3-methylphenol
Concen: 55.565 ng
RT: 8.65 min Scan# 1116
Delta R.T. 0.01 min
Lab File: BF120882.D
Acq: 16 Jul 2020 12:41

Tgt Ion:107 Resp: 505012
Ion Ratio Lower Upper
107 100
144 26.4 21.0 31.6
142 82.2 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: 51.523 ng

RT: 8.82 min Scan# 1144

Delta R.T. 0.00 min

Lab File: BF120882.D

Acq: 16 Jul 2020 12:41

Instrument :

BNA_P

ClientSampled :

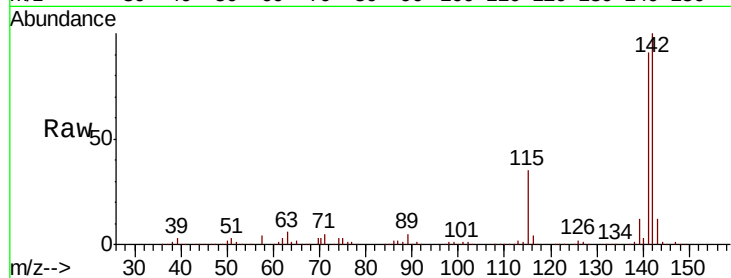
Tot Ion:142 Resp: 1054337

Ion Ratio Lower Upper

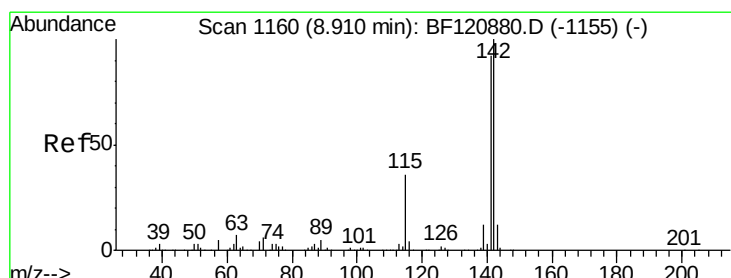
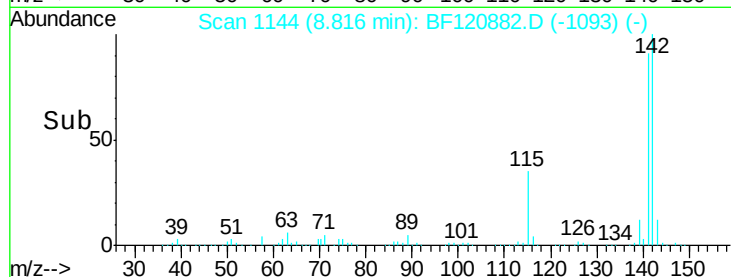
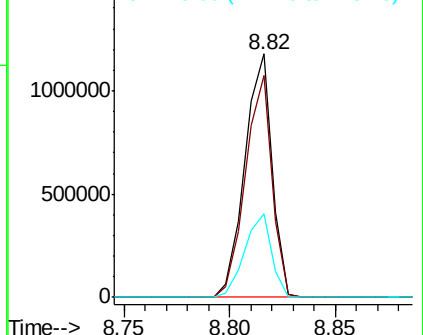
142 100

141 91.0 71.0 106.4

115 34.5 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: 52.651 ng

RT: 8.92 min Scan# 1161

Delta R.T. 0.01 min

Lab File: BF120882.D

Acq: 16 Jul 2020 12:41

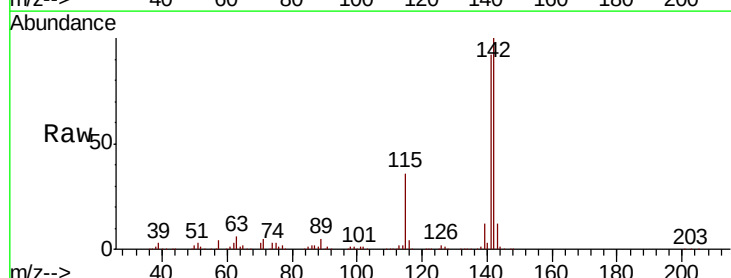
Tgt Ion:142 Resp: 1009215

Ion Ratio Lower Upper

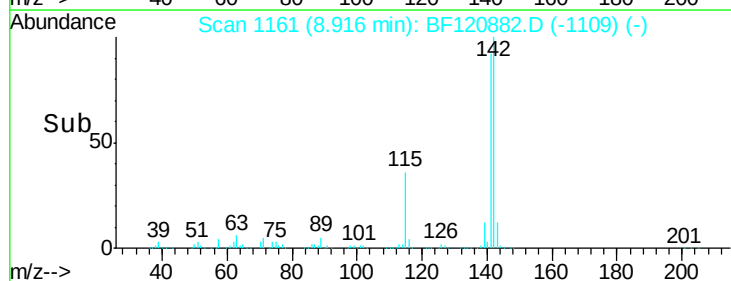
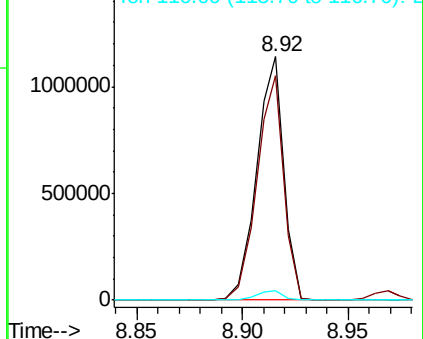
142 100

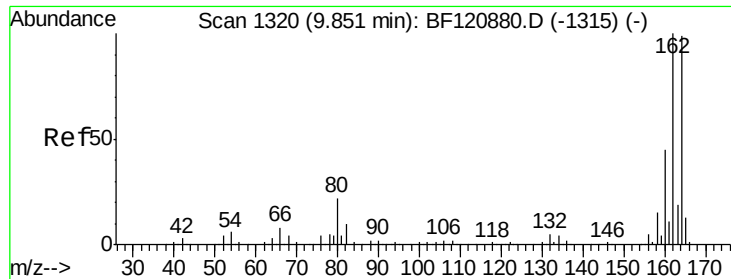
141 92.3 73.7 110.5

116 3.7 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: BF120882.D

Acq: 16 Jul 2020 12:41

Instrument :

BNA_P

ClientSampled :

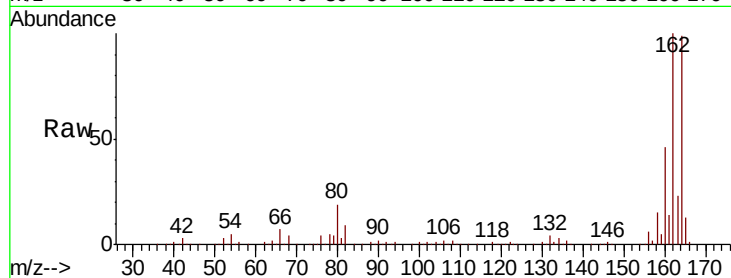
Tot Ion:164 Resp: 304321

Ion Ratio Lower Upper

164 100

162 100.9 81.2 121.8

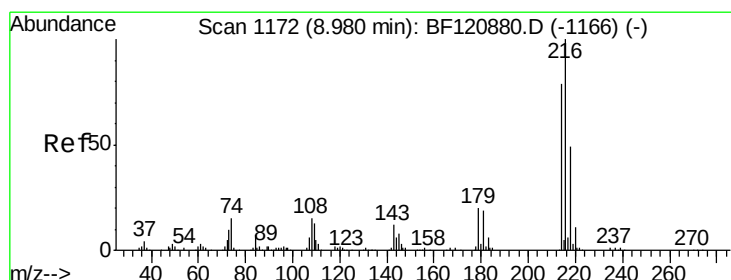
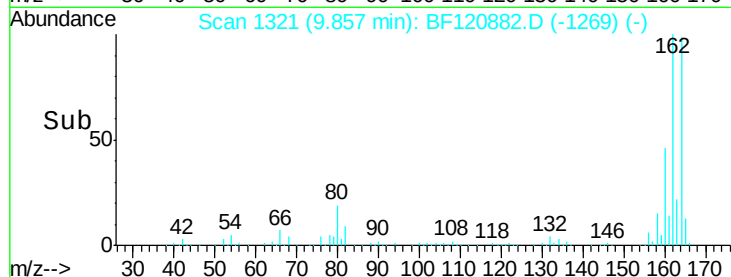
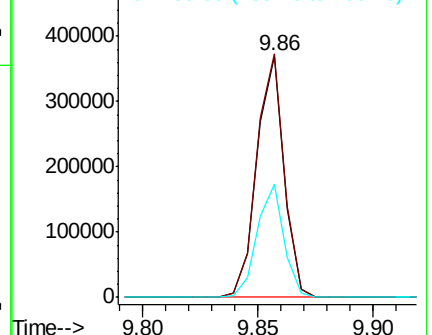
160 46.9 36.9 55.3



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: 52.822 ng

RT: 8.98 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BF120882.D

Acq: 16 Jul 2020 12:41

Tgt Ion:216 Resp: 485822

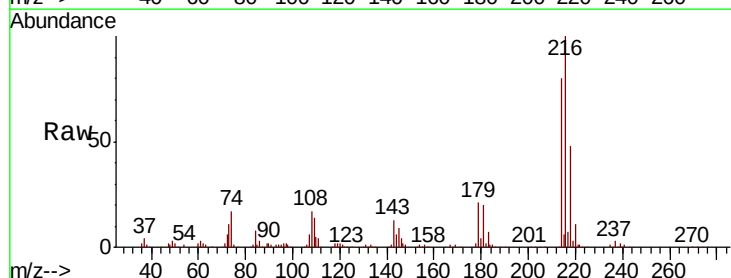
Ion Ratio Lower Upper

216 100

214 80.1 63.8 95.8

179 20.8 16.6 24.8

108 18.9 15.4 23.0

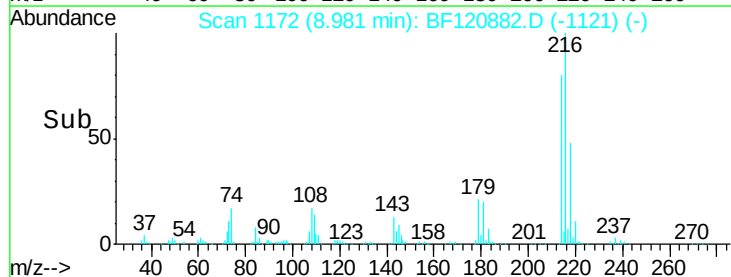
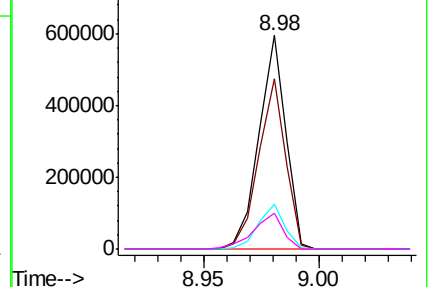


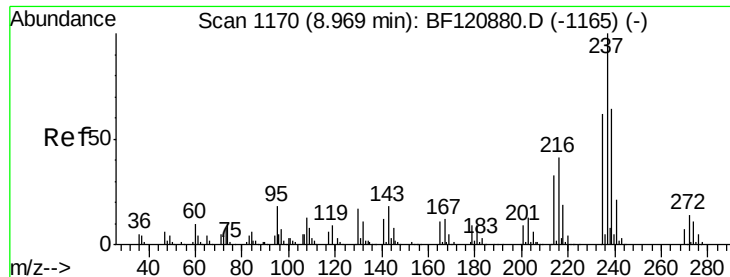
Abundance Ion 216.00 (215.70 to 216.70): E

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: 53.757 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF120882.D

Acq: 16 Jul 2020 12:41

Instrument :

BNA_P

ClientSampleId :

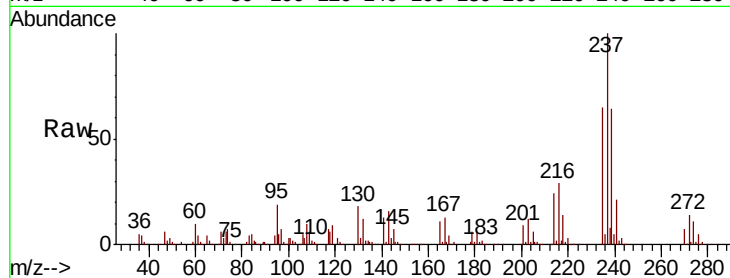
Tot Ion:237 Resp: 292121

Ion Ratio Lower Upper

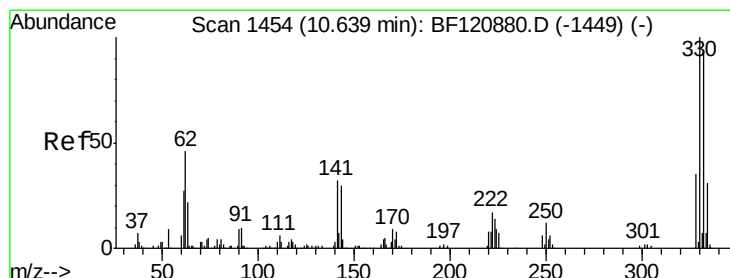
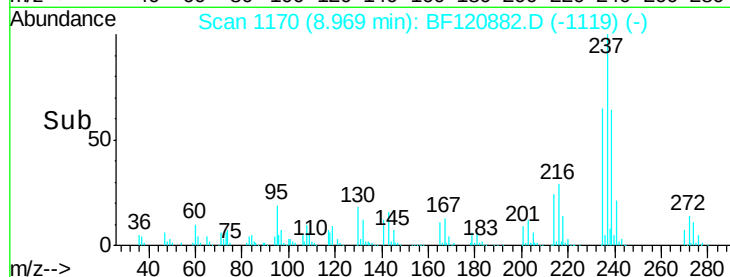
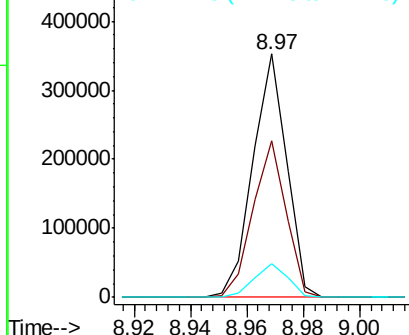
237 100

235 64.5 41.6 81.6

272 14.1 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: 121.660 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.01 min

Lab File: BF120882.D

Acq: 16 Jul 2020 12:41

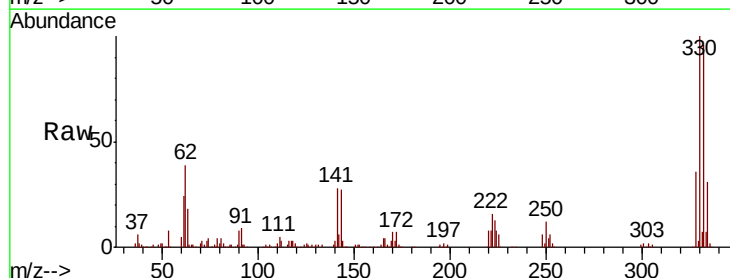
Tgt Ion:330 Resp: 371957

Ion Ratio Lower Upper

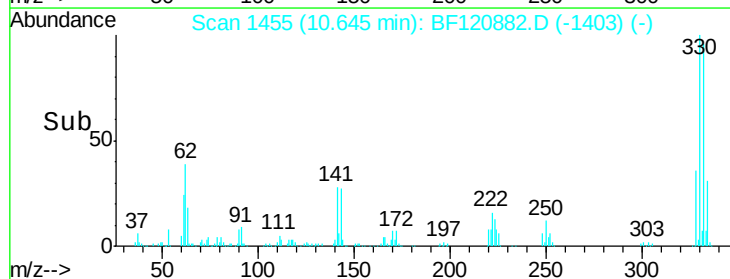
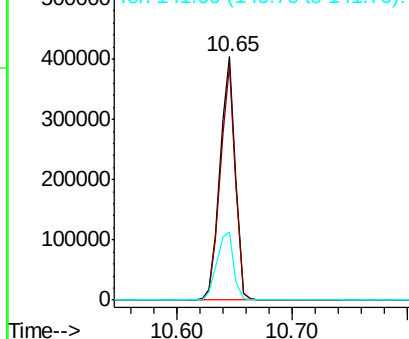
330 100

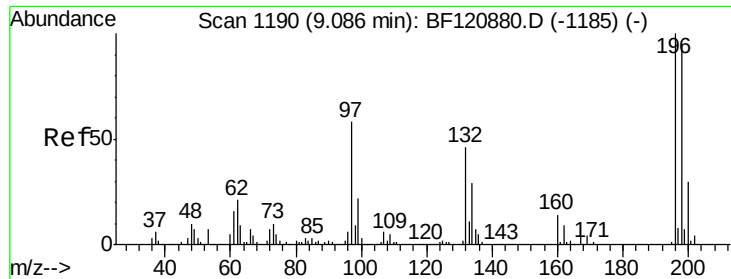
332 94.7 75.5 113.3

141 30.5 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

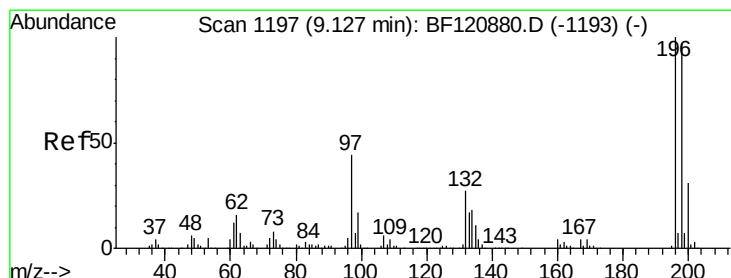
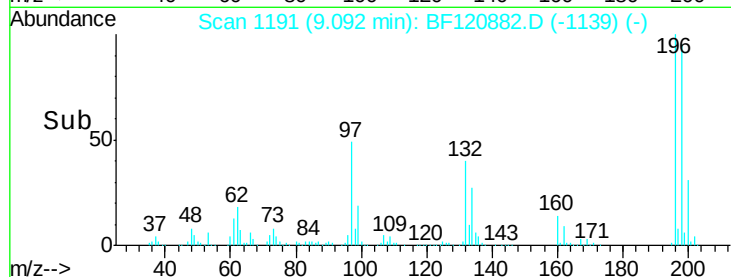
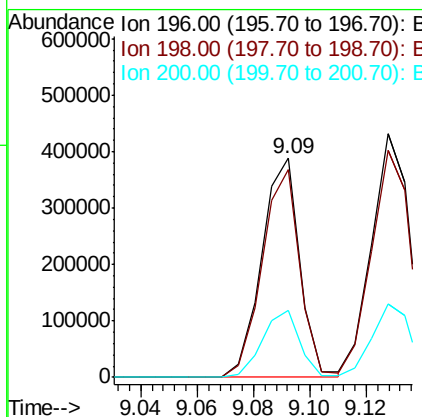
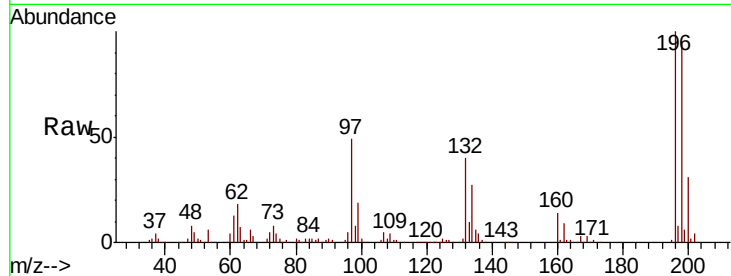




#43
 2,4,6-Trichlorophenol
 Concen: 57.811 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: BF120882.D
 Acq: 16 Jul 2020 12:41

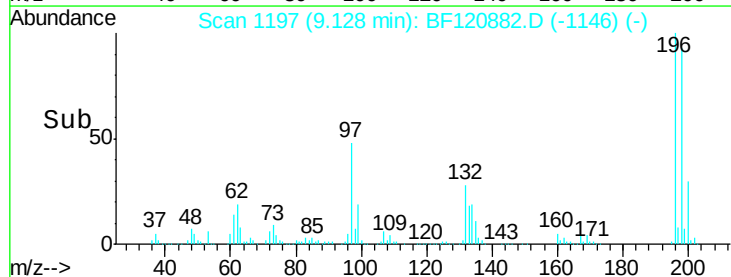
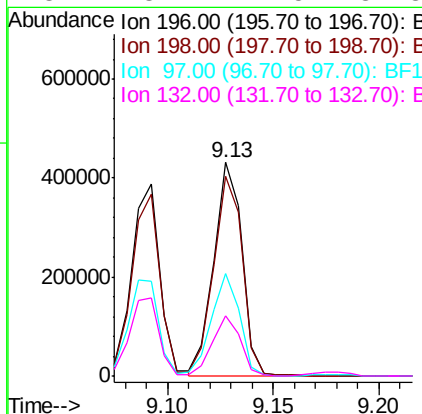
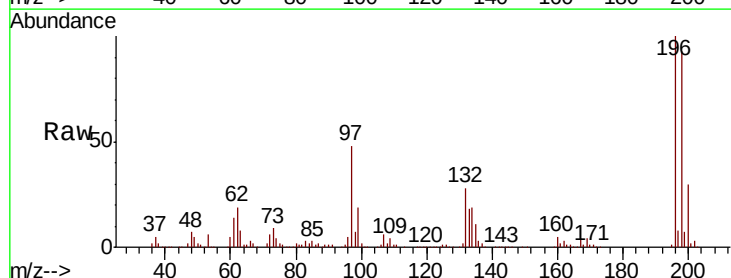
Instrument :
 BNA_P
 ClientSampled :

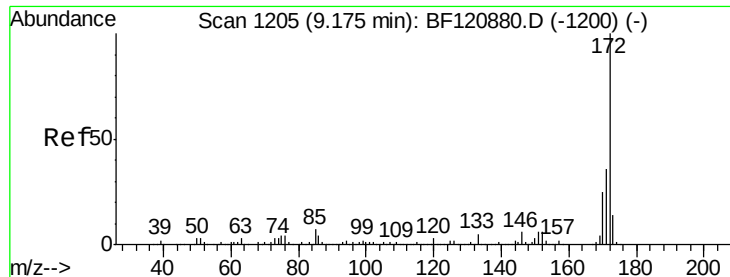
Tot Ion:196 Resp: 362311
 Ion Ratio Lower Upper
 196 100
 198 94.7 75.7 113.5
 200 30.6 24.4 36.6



#44
 2,4,5-Trichlorophenol
 Concen: 57.795 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF120882.D
 Acq: 16 Jul 2020 12:41

Tgt Ion:196 Resp: 401972
 Ion Ratio Lower Upper
 196 100
 198 93.3 77.6 116.4
 97 47.9 35.6 53.4
 132 28.2 21.5 32.3

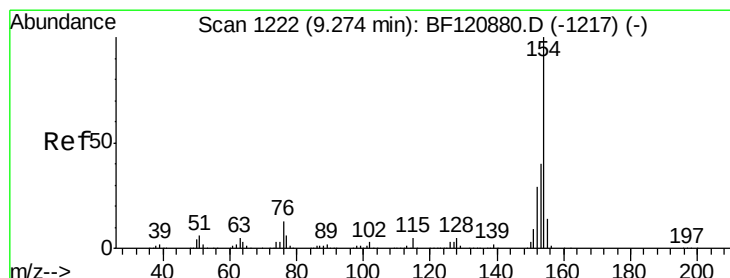
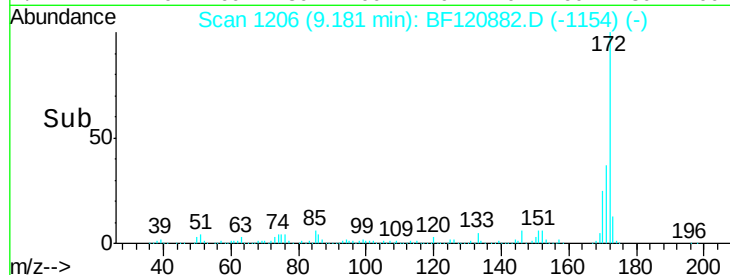
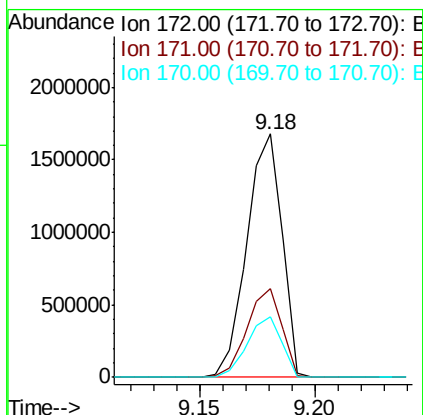
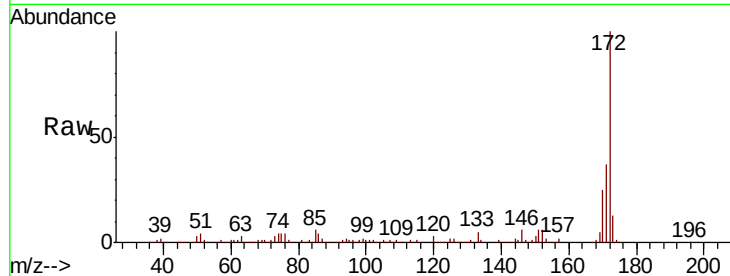




#45
2-Fluorobiphenyl
Concen: 88.817 ng
RT: 9.18 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BF120882.D
Acq: 16 Jul 2020 12:41

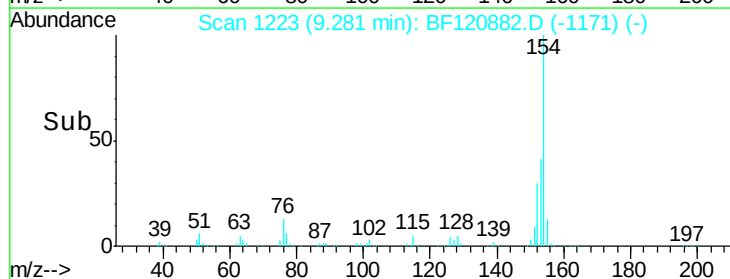
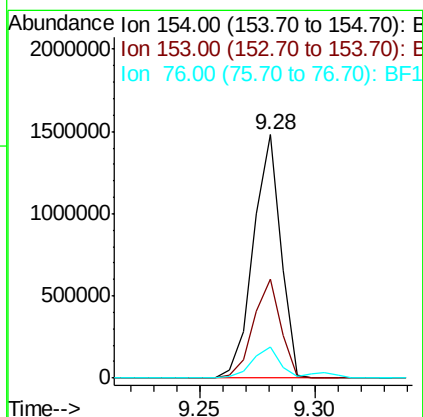
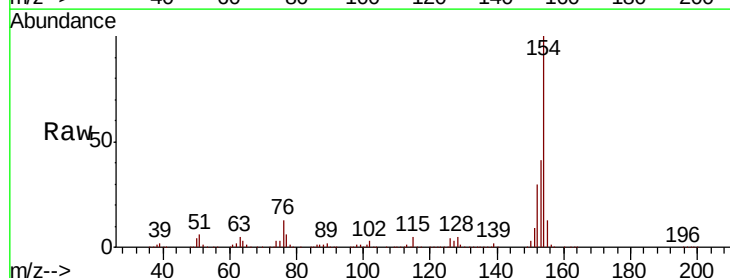
Instrument :
BNA_P
ClientSampleId :

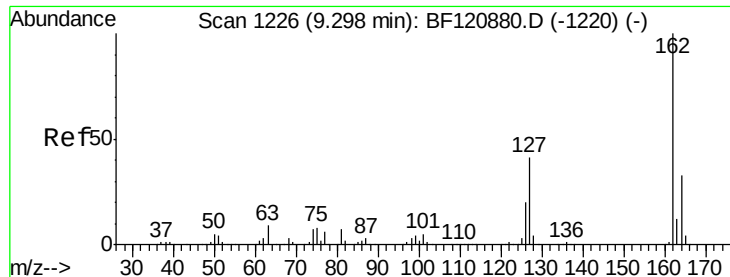
Tot Ion:172 Resp: 1786513
Ion Ratio Lower Upper
172 100
171 36.7 29.0 43.4
170 25.0 19.6 29.4



#46
1,1'-Biphenyl
Concen: 50.293 ng
RT: 9.28 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BF120882.D
Acq: 16 Jul 2020 12:41

Tgt Ion:154 Resp: 1234557
Ion Ratio Lower Upper
154 100
153 40.8 20.4 60.4
76 12.8 0.0 33.1

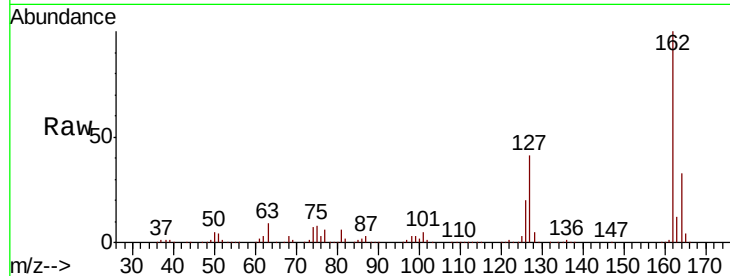




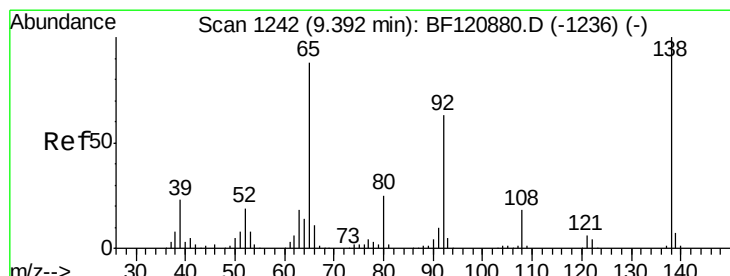
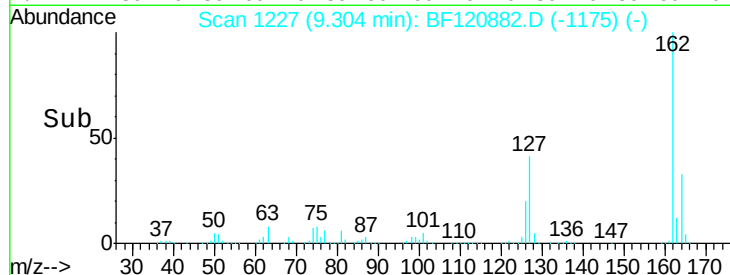
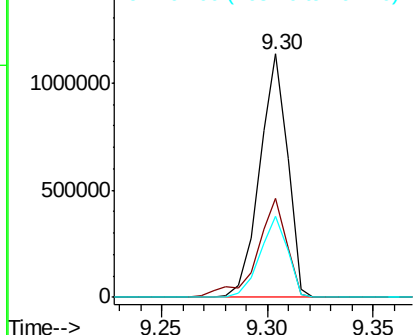
#47
 2-Chloronaphthalene
 Concen: 52.742 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. 0.01 min
 Lab File: BF120882.D
 Acq: 16 Jul 2020 12:41

Instrument :
 BNA_P
 ClientSampled :

Tot Ion:162 Resp: 1037216
 Ion Ratio Lower Upper
 162 100
 127 40.7 33.3 49.9
 164 33.4 26.6 39.8

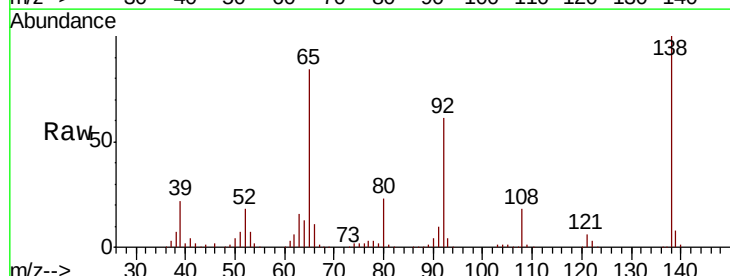


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

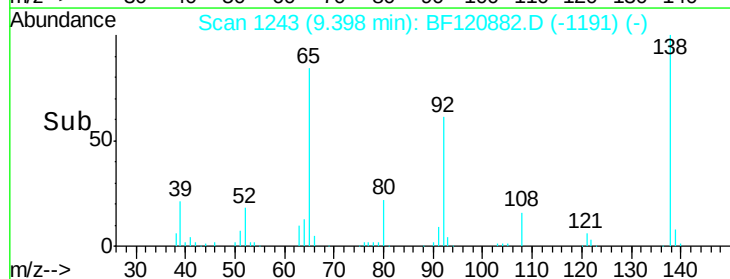
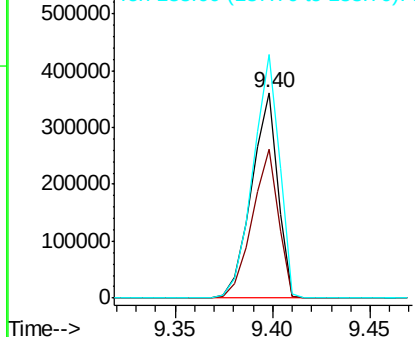


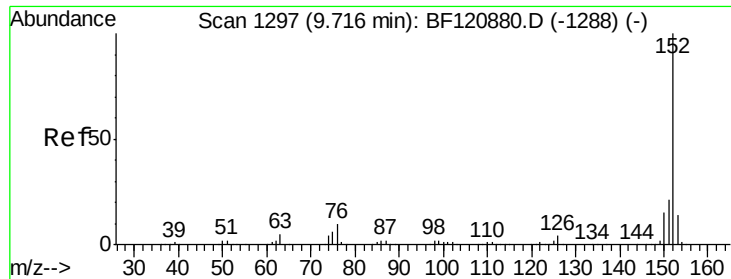
#48
 2-Nitroaniline
 Concen: 63.862 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. 0.01 min
 Lab File: BF120882.D
 Acq: 16 Jul 2020 12:41

Tgt Ion: 65 Resp: 336023
 Ion Ratio Lower Upper
 65 100
 92 72.2 57.0 85.4
 138 118.5 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: 51.468 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.01 min

Lab File: BF120882.D

Acq: 16 Jul 2020 12:41

Instrument :

BNA_P

ClientSampleId :

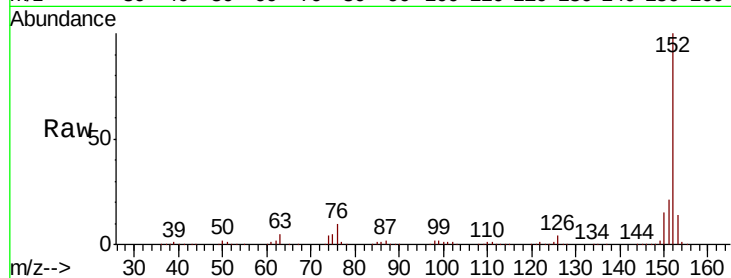
Tot Ion:152 Resp: 1586873

Ion Ratio Lower Upper

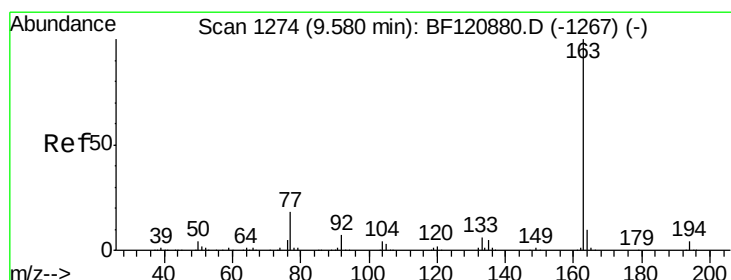
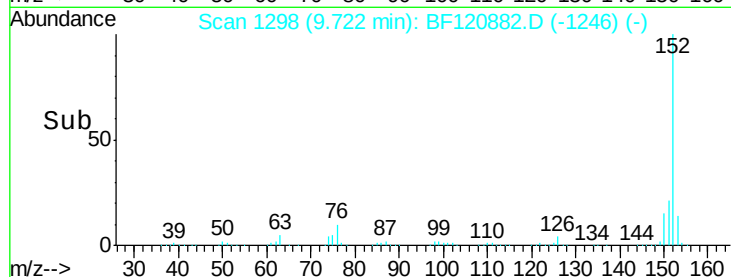
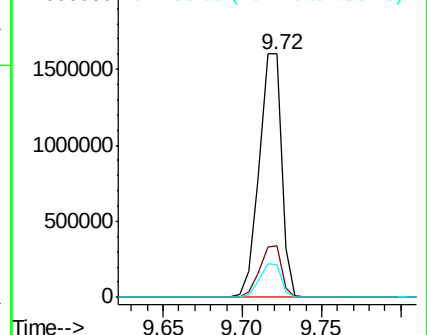
152 100

151 21.2 16.6 25.0

153 13.5 10.9 16.3



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



#50

Dimethylphthalate

Concen: 54.459 ng

RT: 9.59 min Scan# 1275

Delta R.T. 0.01 min

Lab File: BF120882.D

Acq: 16 Jul 2020 12:41

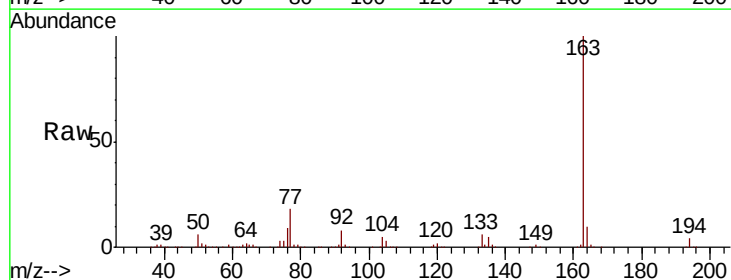
Tgt Ion:163 Resp: 1208960

Ion Ratio Lower Upper

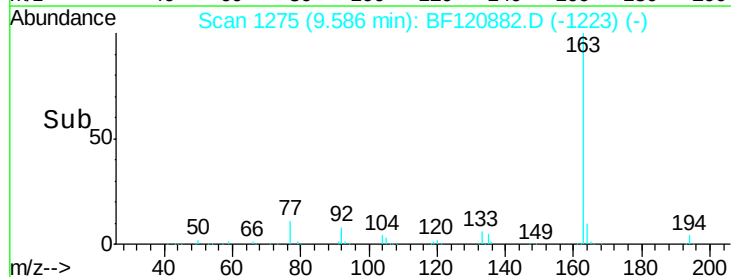
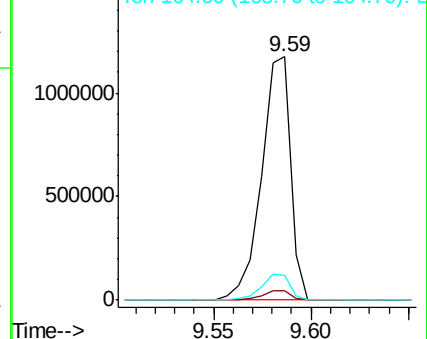
163 100

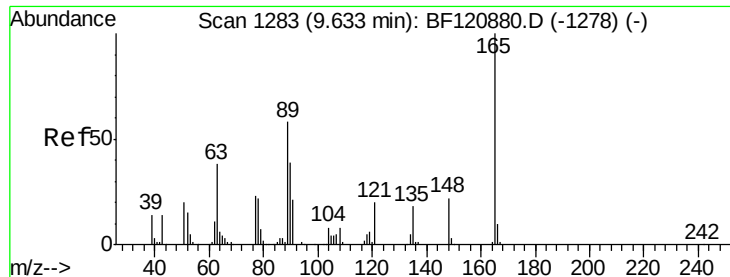
194 4.0 3.2 4.8

164 10.3 7.9 11.9



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





#51

2,6-Dinitrotoluene

Concen: 70.842 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.01 min

Lab File: BF120882.D

Acq: 16 Jul 2020 12:41

Instrument :

BNA_P

ClientSampled :

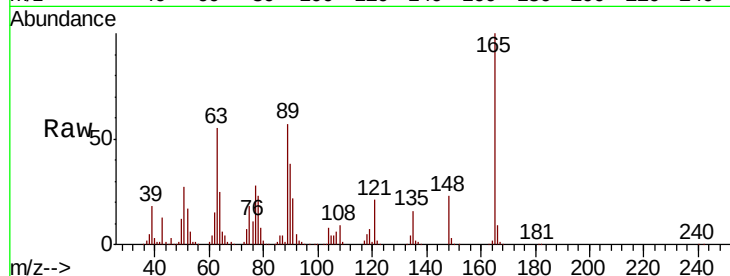
Tot Ion:165 Resp: 284116

Ion Ratio Lower Upper

165 100

63 54.5 45.4 68.2

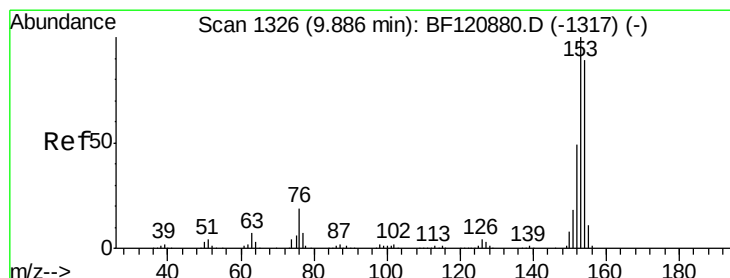
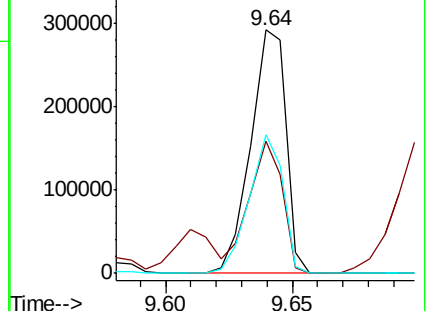
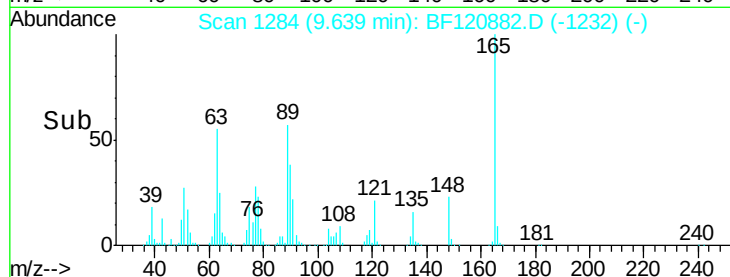
89 57.0 47.0 70.4



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: 53.500 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.01 min

Lab File: BF120882.D

Acq: 16 Jul 2020 12:41

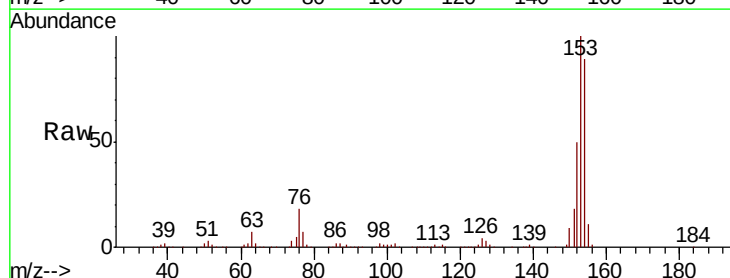
Tgt Ion:154 Resp: 1023317

Ion Ratio Lower Upper

154 100

153 111.9 89.5 134.3

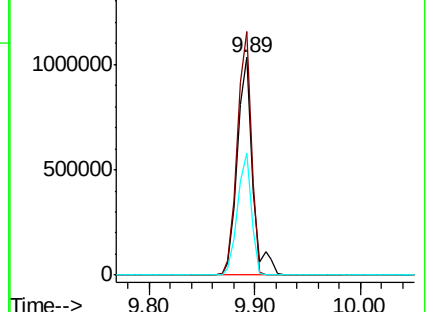
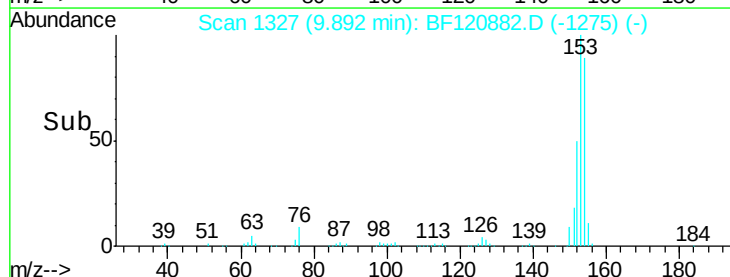
152 55.9 44.2 66.2

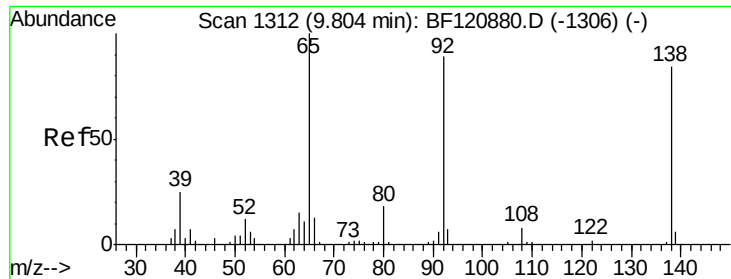


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

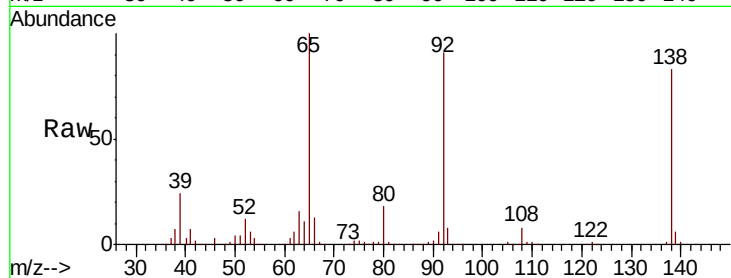




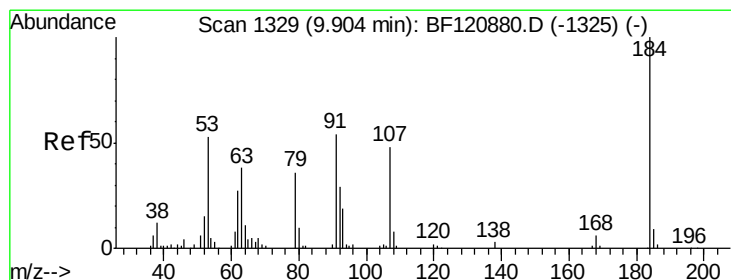
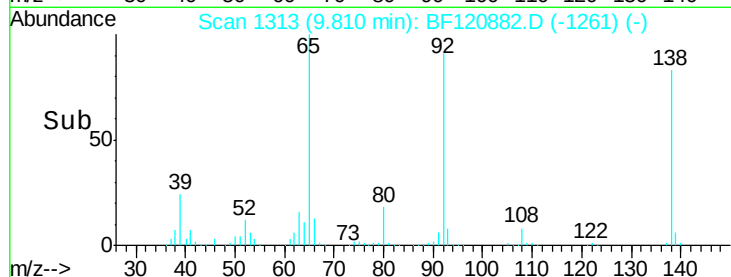
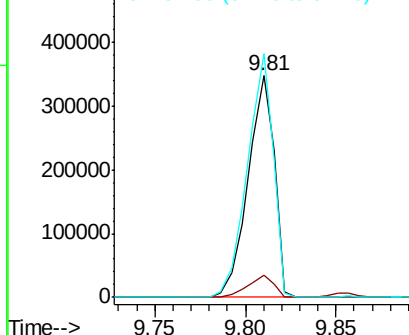
#53
3-Nitroaniline
Concen: 70.487 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BF120882.D
Acq: 16 Jul 2020 12:41

Instrument :
BNA_P
ClientSampleId :

Tot Ion:138 Resp: 349245
Ion Ratio Lower Upper
138 100
108 9.9 7.9 11.9
92 110.0 85.3 127.9

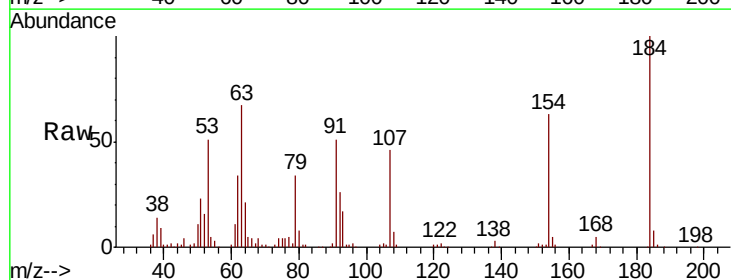


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

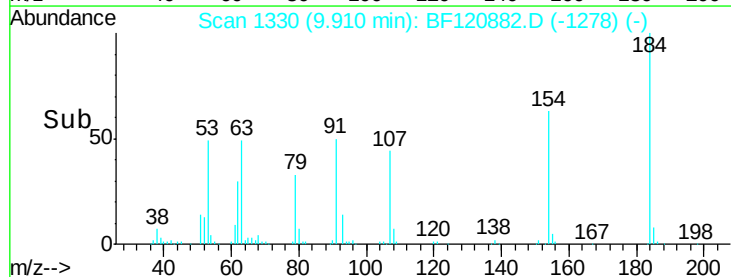
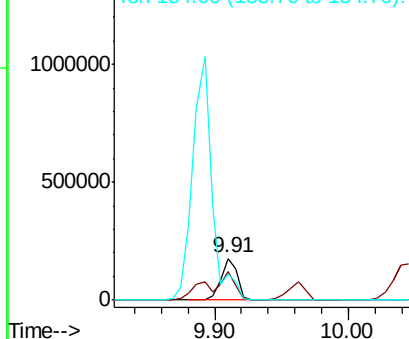


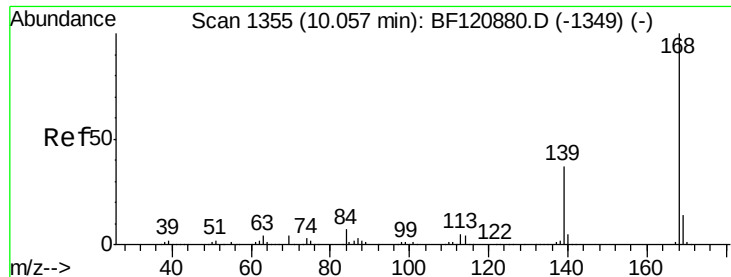
#54
2,4-Dinitrophenol
Concen: 116.297 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF120882.D
Acq: 16 Jul 2020 12:41

Tgt Ion:184 Resp: 154040
Ion Ratio Lower Upper
184 100
63 67.4 57.9 86.9
154 62.9 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

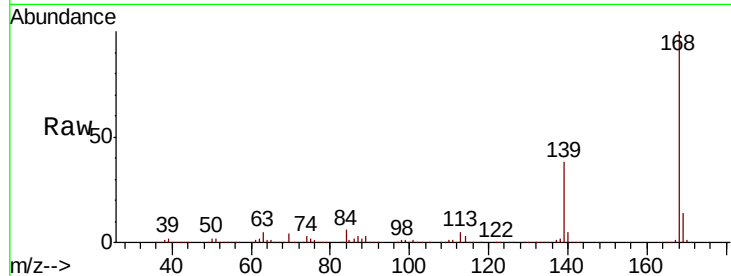




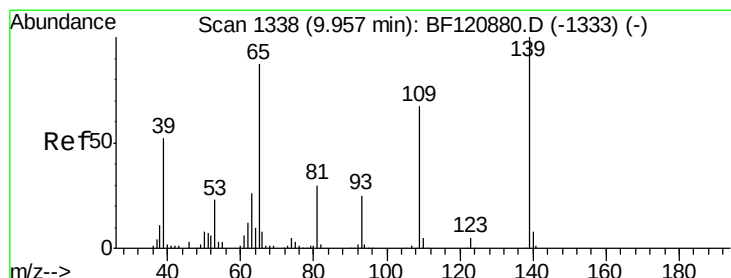
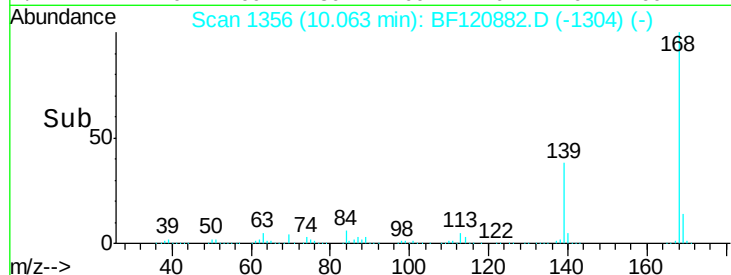
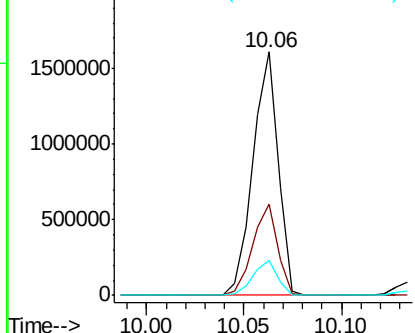
#55
Dibenzenofuran
Concen: 52.201 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF120882.D
Acq: 16 Jul 2020 12:41

Instrument :
BNA_P
ClientSampleId :

Tot Ion:168 Resp: 1439251
Ion Ratio Lower Upper
168 100
139 37.6 29.7 44.5
169 14.1 11.1 16.7

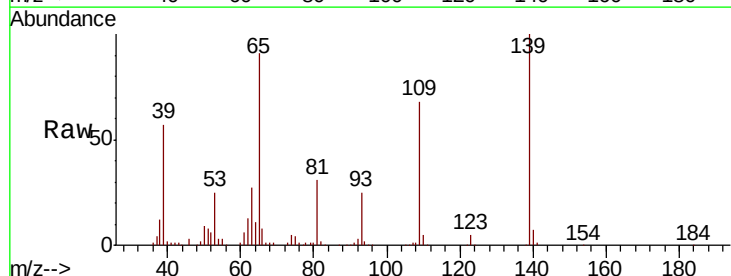


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

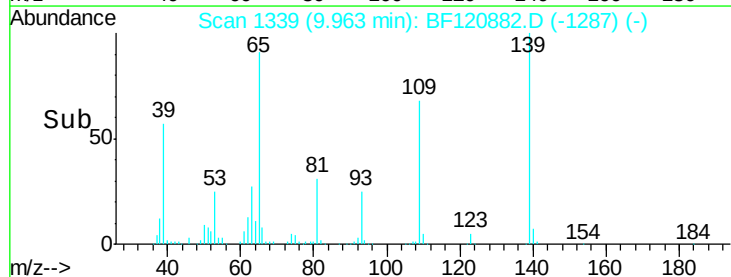
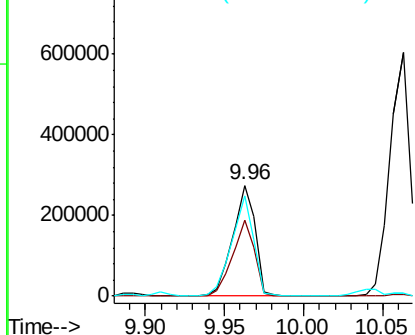


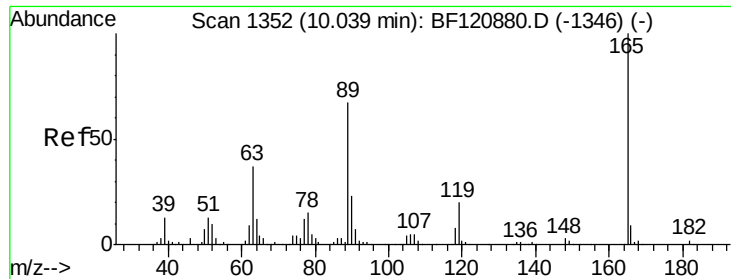
#56
4-Nitrophenol
Concen: 74.733 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF120882.D
Acq: 16 Jul 2020 12:41

Tgt Ion:139 Resp: 271977
Ion Ratio Lower Upper
139 100
109 68.3 47.3 87.3
65 91.0 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

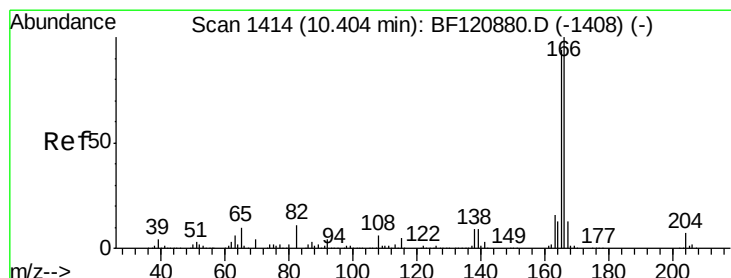
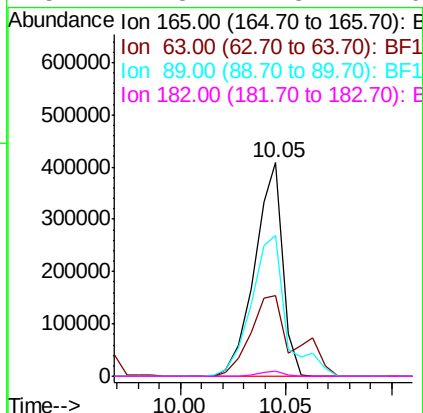
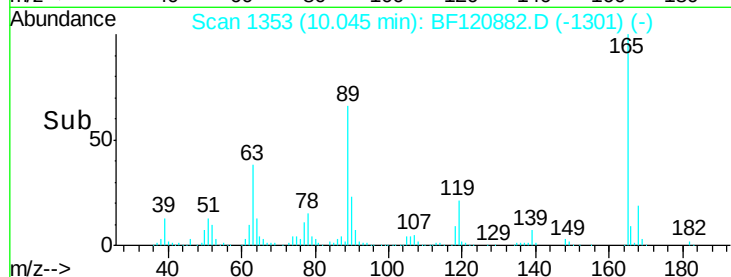
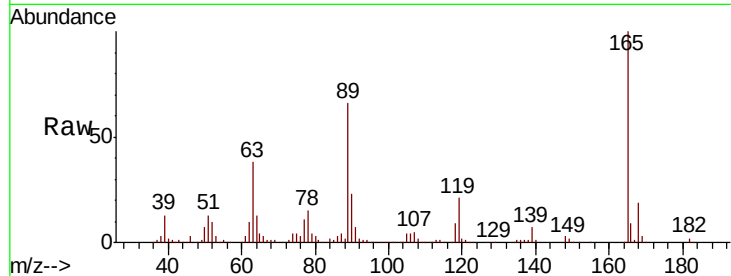




#57
 2,4-Dinitrotoluene
 Concen: 77.989 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. 0.01 min
 Lab File: BF120882.D
 Acq: 16 Jul 2020 12:41

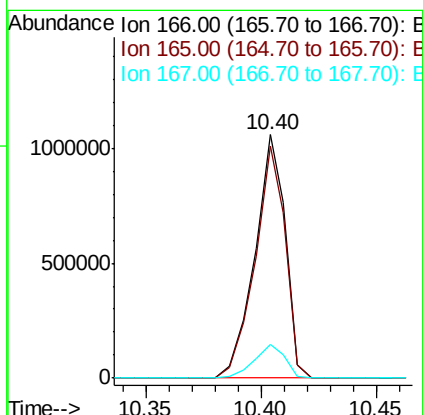
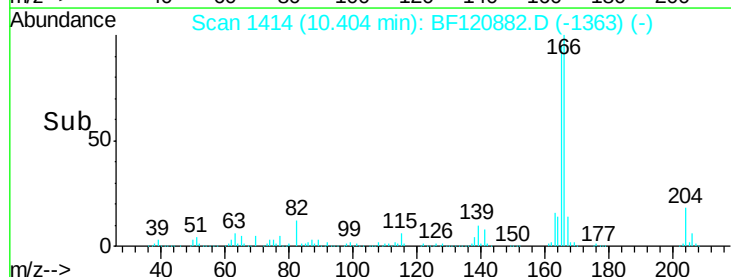
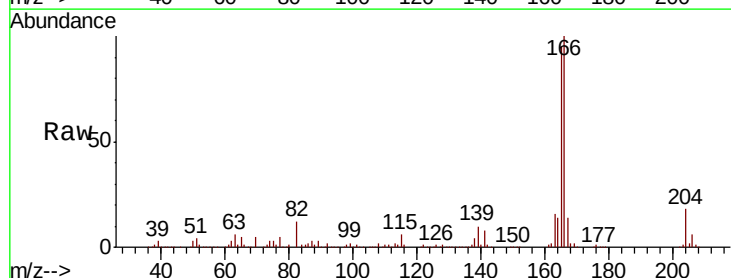
Instrument :
 BNA_P
 ClientSampled :

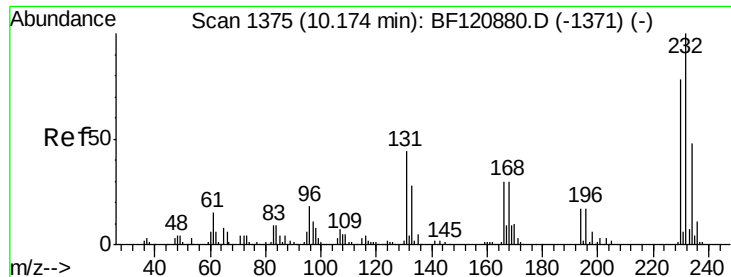
Tot Ion:165	Resp:	375520
Ion Ratio	Lower	Upper
165	100	
63	37.8	29.4 44.2
89	65.7	53.4 80.0
182	2.3	1.8 2.6



#58
 Fluorene
 Concen: 47.402 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. 0.00 min
 Lab File: BF120882.D
 Acq: 16 Jul 2020 12:41

Tgt Ion:166	Resp:	972782
Ion Ratio	Lower	Upper
166	100	
165	95.4	75.4 113.0
167	13.8	10.6 15.8

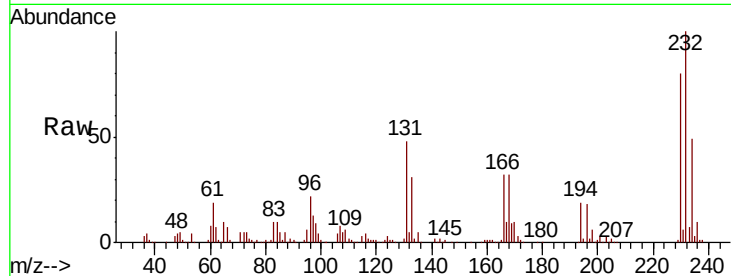




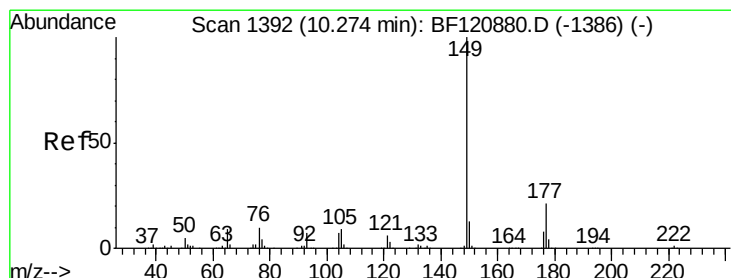
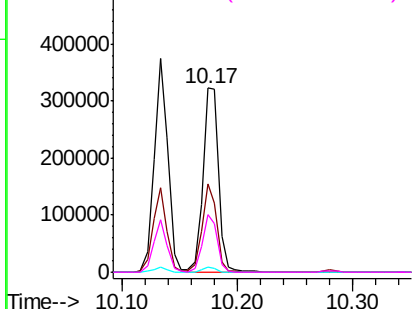
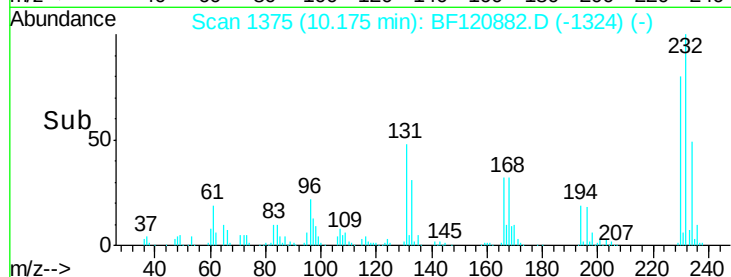
#59
2,3,4,6-Tetrachlorophenol
Concen: 59.066 ng
RT: 10.17 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BF120882.D
Acq: 16 Jul 2020 12:41

Instrument :
BNA_P
ClientSampled :

Tot Ion:232 Resp: 305710
Ion Ratio Lower Upper
232 100
131 44.4 37.1 55.7
130 2.3 1.7 2.5
166 29.9 24.2 36.4

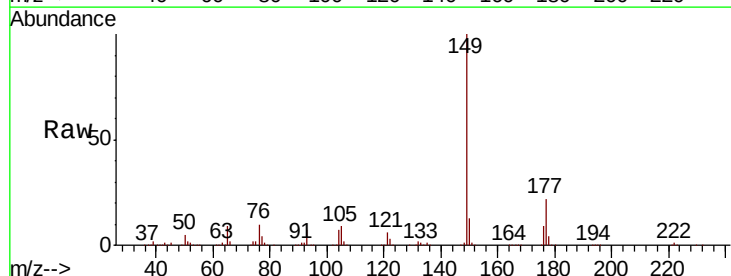


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

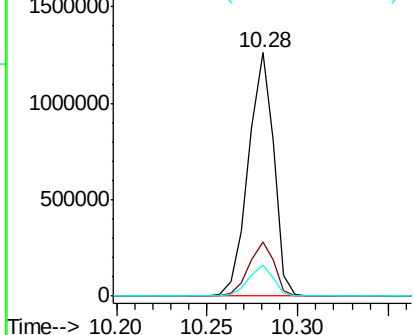
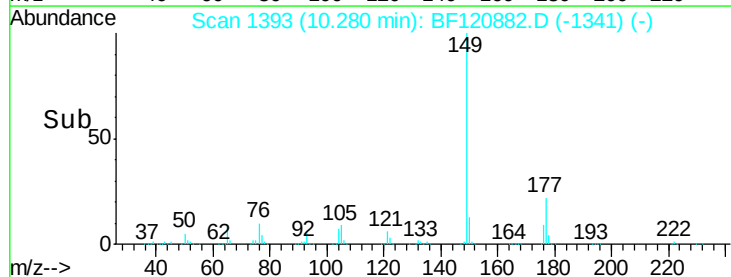


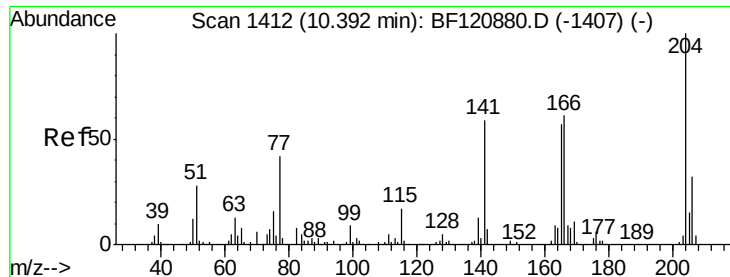
#60
Diethylphthalate
Concen: 52.968 ng
RT: 10.28 min Scan# 1393
Delta R.T. 0.01 min
Lab File: BF120882.D
Acq: 16 Jul 2020 12:41

Tgt Ion:149 Resp: 1224908
Ion Ratio Lower Upper
149 100
177 22.1 17.1 25.7
150 12.9 10.3 15.5



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

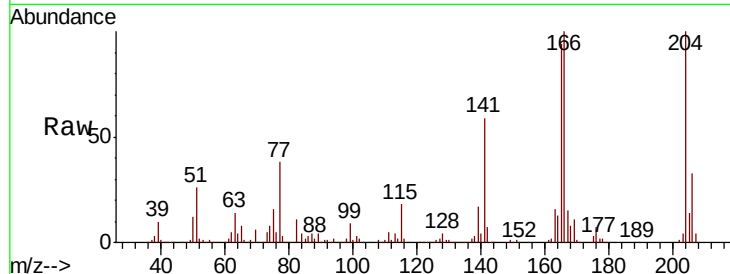




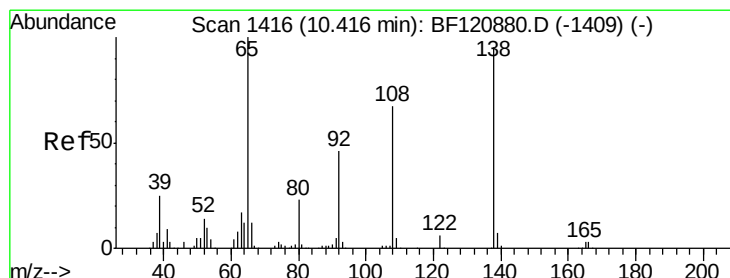
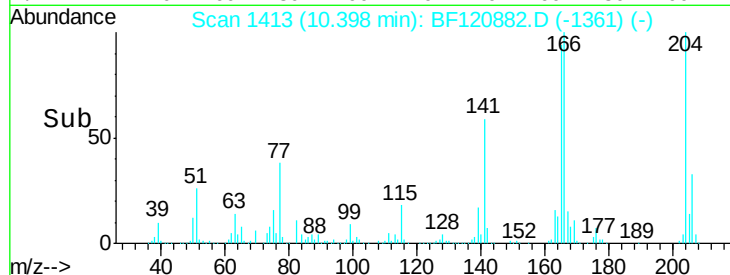
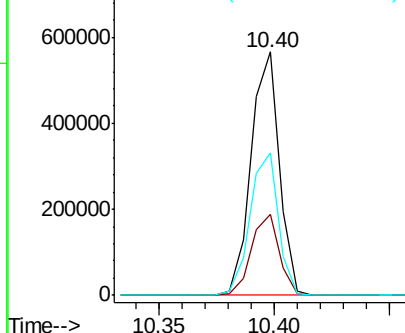
#61
4-Chlorophenyl-phenylether
Concen: 46.996 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.01 min
Lab File: BF120882.D
Acq: 16 Jul 2020 12:41

Instrument :
BNA_P
ClientSampled :

Tot Ion:204 Resp: 484835
Ion Ratio Lower Upper
204 100
206 33.3 25.9 38.9
141 58.7 47.2 70.8

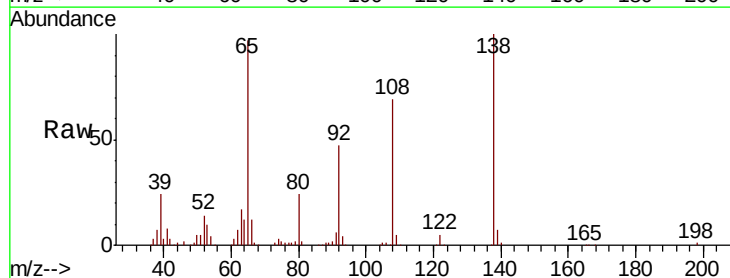


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

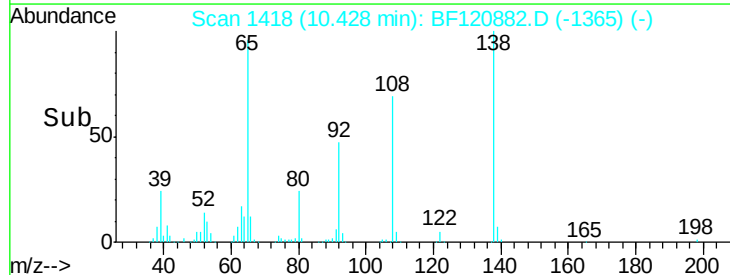
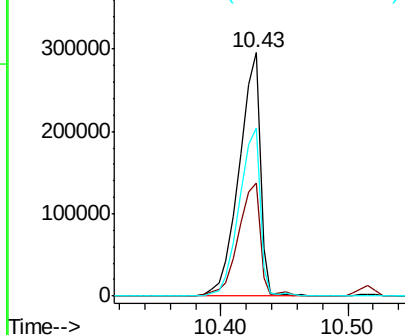


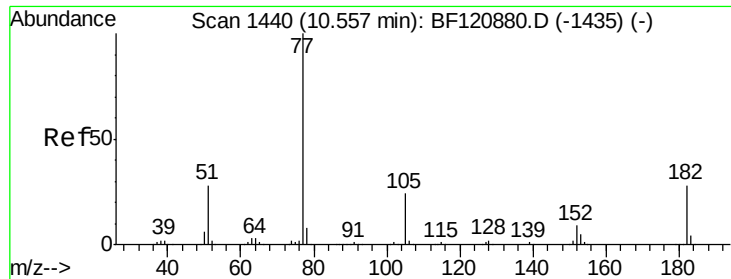
#62
4-Nitroaniline
Concen: 72.071 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.01 min
Lab File: BF120882.D
Acq: 16 Jul 2020 12:41

Tgt Ion:138 Resp: 339942
Ion Ratio Lower Upper
138 100
92 46.5 28.6 68.6
108 69.0 51.1 91.1



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





#63

Azobenzene

Concen: 48.437 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF120882.D

Acq: 16 Jul 2020 12:41

Instrument :

BNA_P

ClientSampleId :

Tot Ion: 77 Resp: 1145846

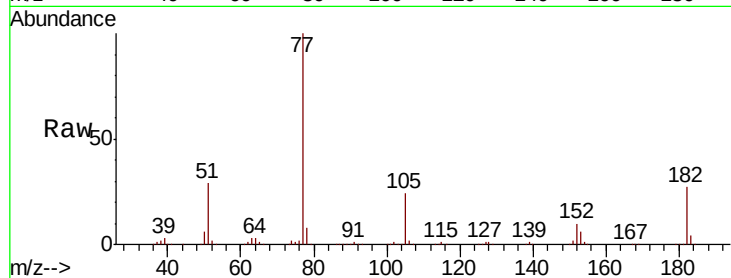
Ion	Ratio	Lower	Upper
77	100		
182	26.7	7.8	47.8
105	24.0	4.4	44.4
51	29.4	8.0	48.0

77 100

182 26.7 7.8 47.8

105 24.0 4.4 44.4

51 29.4 8.0 48.0



Abundance Ion 77.00 (76.70 to 77.70): BF1

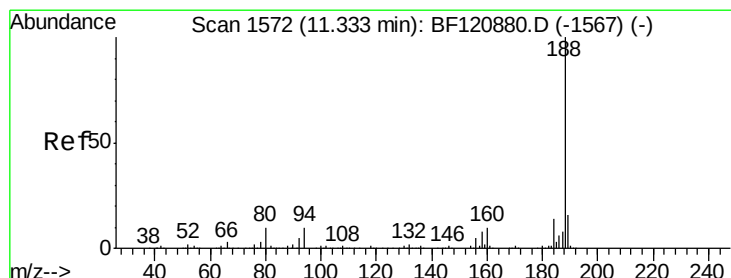
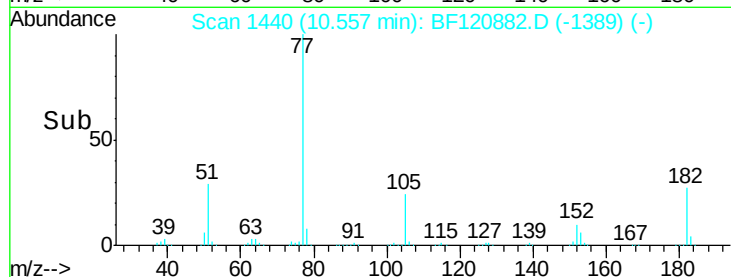
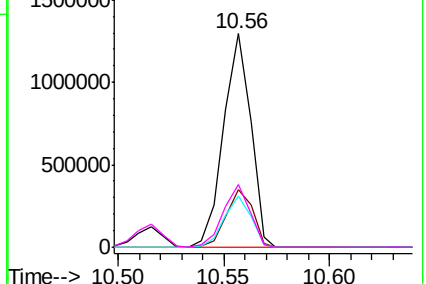
2000000 Ion 182.00 (181.70 to 182.70): BF1

1500000 Ion 105.00 (104.70 to 105.70): BF1

1000000 Ion 51.00 (50.70 to 51.70): BF1

500000

0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. 0.01 min

Lab File: BF120882.D

Acq: 16 Jul 2020 12:41

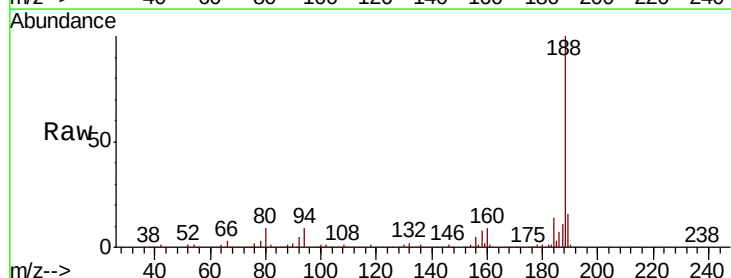
Tgt Ion: 188 Resp: 579736

Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.0	12.0
80	9.0	8.3	12.5

188 100

94 8.7 8.0 12.0

80 9.0 8.3 12.5



Abundance Ion 188.00 (187.70 to 188.70): BF1

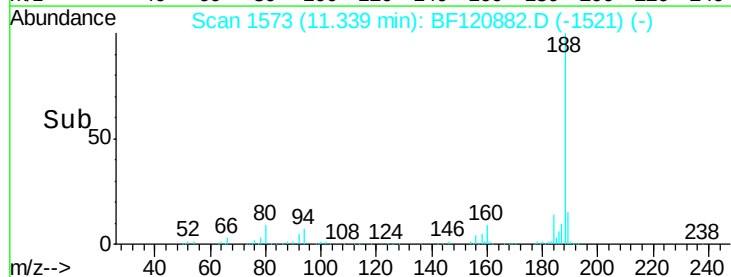
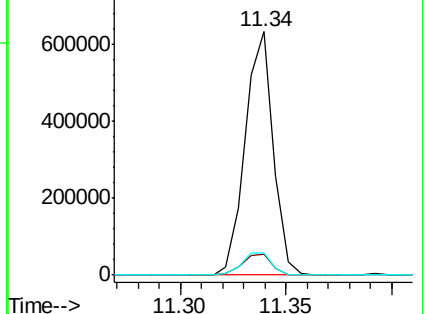
800000 Ion 94.00 (93.70 to 94.70): BF1

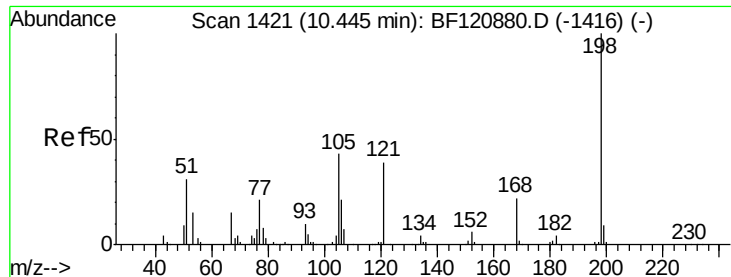
600000 Ion 80.00 (79.70 to 80.70): BF1

400000

200000

0

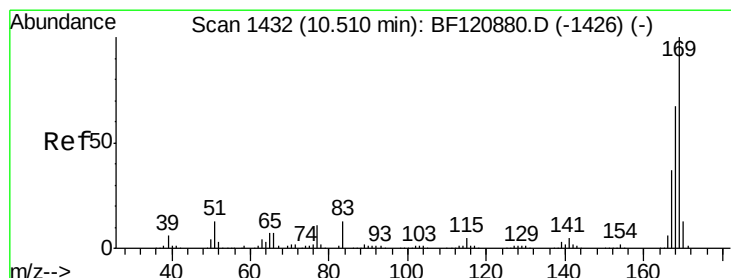
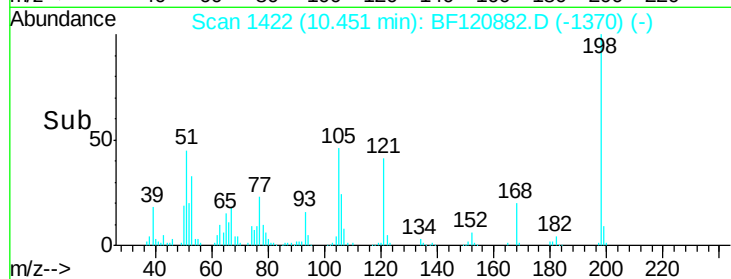
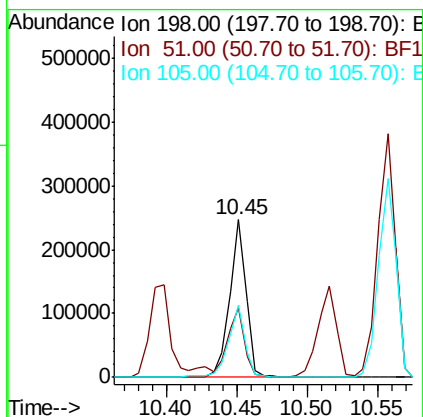
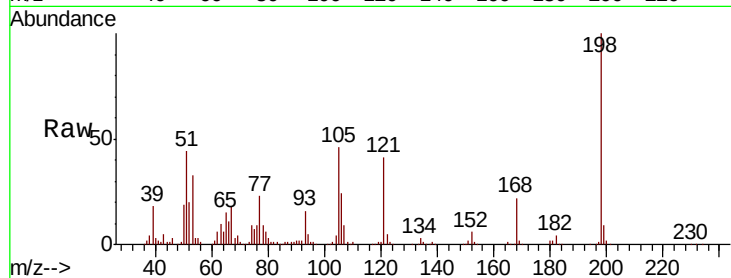




#65
4,6-Dinitro-2-methylphenol
Concen: 107.895 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.01 min
Lab File: BF120882.D
Acq: 16 Jul 2020 12:41

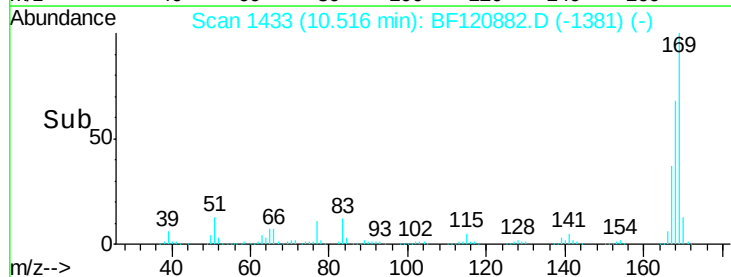
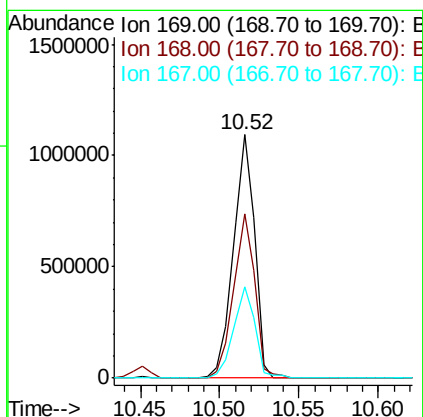
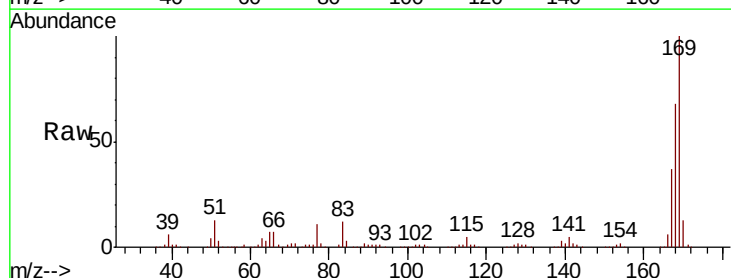
Instrument :
BNA_P
ClientSampled :

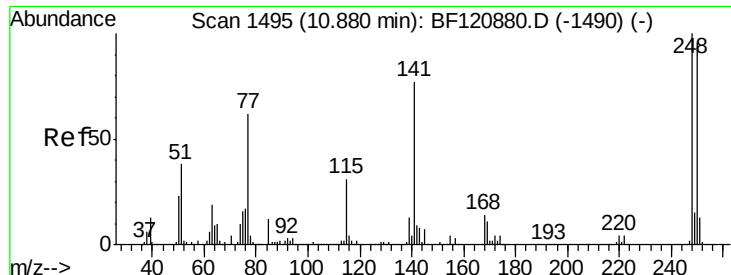
Tot Ion:198 Resp: 200970
Ion Ratio Lower Upper
198 100
51 44.4 19.5 59.5
105 45.8 24.4 64.4



#66
n-Nitrosodiphenylamine
Concen: 52.042 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.01 min
Lab File: BF120882.D
Acq: 16 Jul 2020 12:41

Tgt Ion:169 Resp: 1011254
Ion Ratio Lower Upper
169 100
168 67.6 53.4 80.0
167 37.4 29.4 44.0

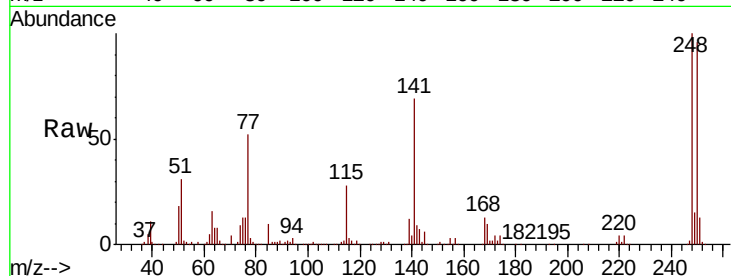




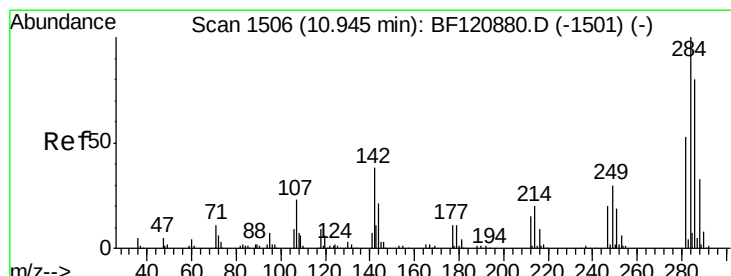
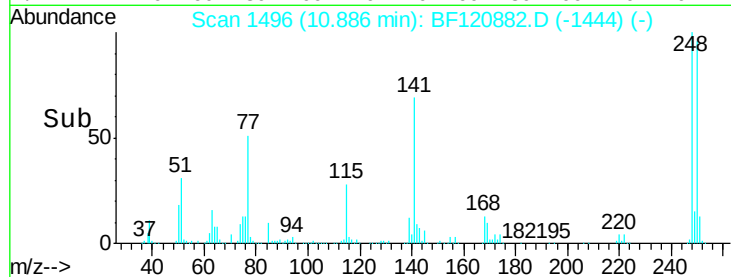
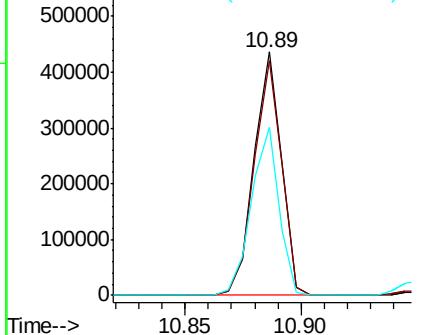
#67
 4-Bromophenyl-phenylether
 Concen: 53.887 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. 0.01 min
 Lab File: BF120882.D
 Acq: 16 Jul 2020 12:41

Instrument :
 BNA_P
 ClientSampled :

Tot Ion:248 Resp: 362385
 Ion Ratio Lower Upper
 248 100
 250 96.4 77.1 115.7
 141 69.3 61.2 91.8

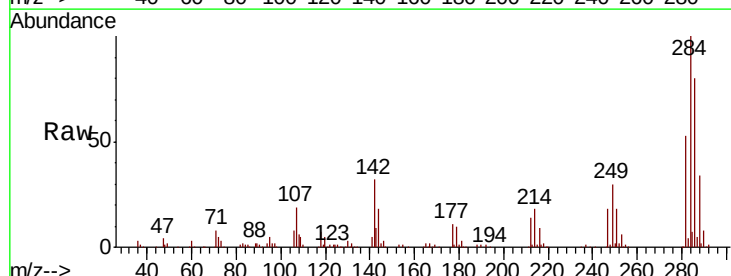


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

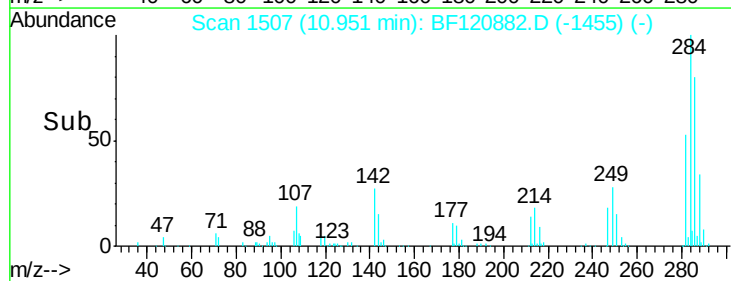
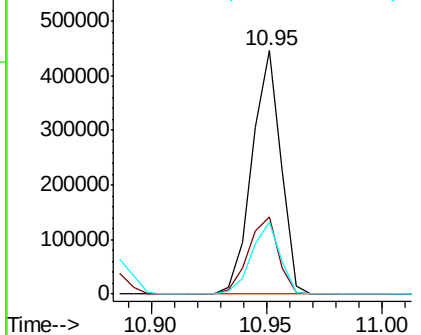


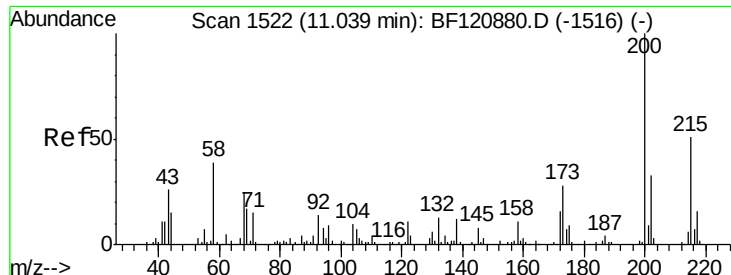
#68
 Hexachlorobenzene
 Concen: 55.068 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. 0.01 min
 Lab File: BF120882.D
 Acq: 16 Jul 2020 12:41

Tgt Ion:284 Resp: 388608
 Ion Ratio Lower Upper
 284 100
 142 31.8 30.2 45.2
 249 29.7 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

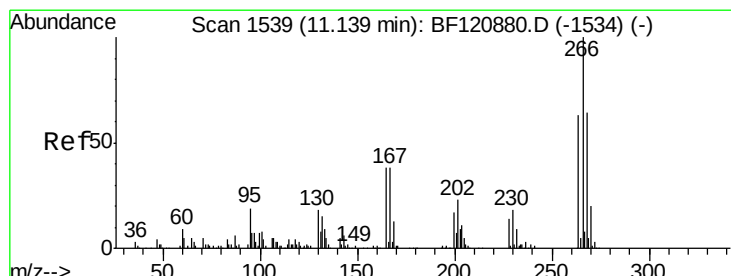
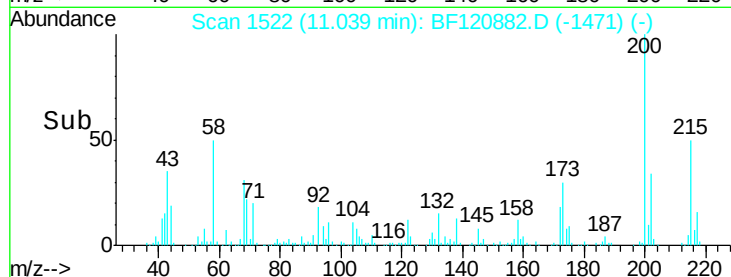
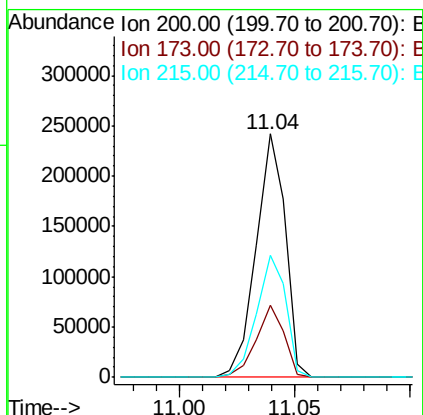
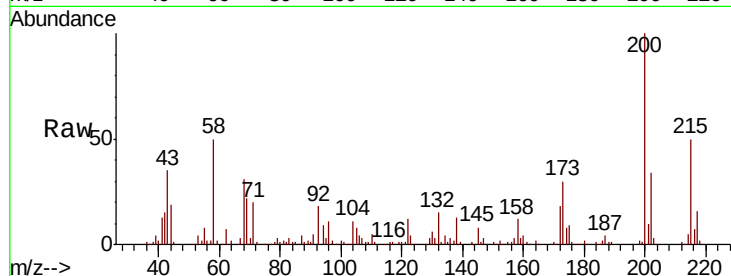




#69
 Atrazine
 Concen: 42.896 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. 0.00 min
 Lab File: BF120882.D
 Acq: 16 Jul 2020 12:41

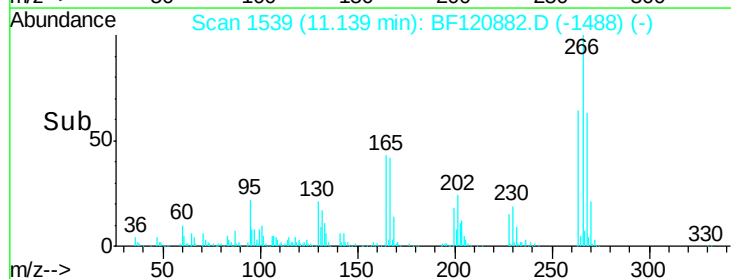
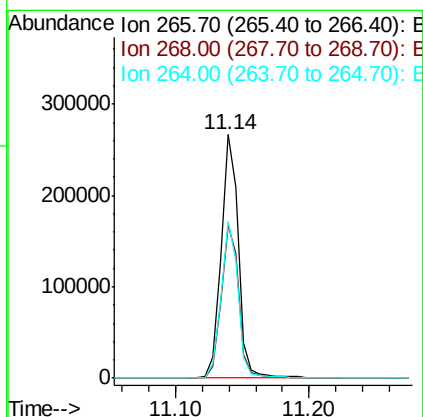
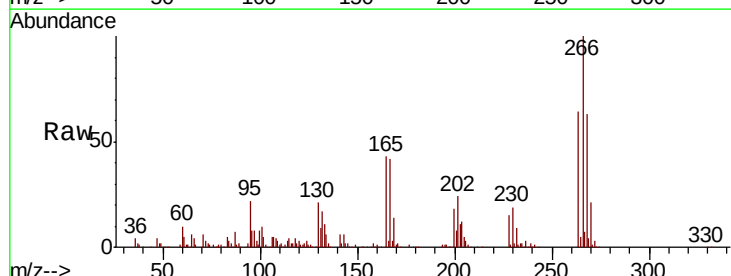
Instrument :
 BNA_P
 ClientSampleId :

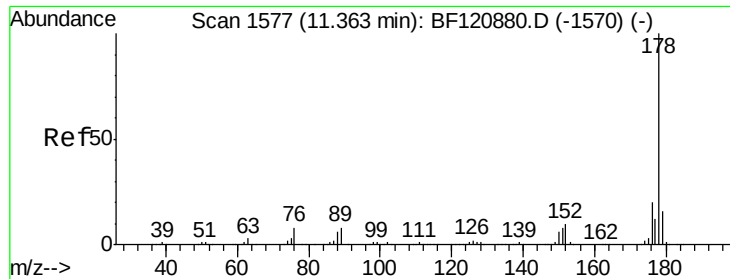
Tot Ion:200 Resp: 214734
 Ion Ratio Lower Upper
 200 100
 173 29.7 8.0 48.0
 215 50.1 31.5 71.5



#70
 Pentachlorophenol
 Concen: 60.924 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. 0.00 min
 Lab File: BF120882.D
 Acq: 16 Jul 2020 12:41

Tgt Ion:266 Resp: 243246
 Ion Ratio Lower Upper
 266 100
 268 62.9 51.1 76.7
 264 64.2 50.2 75.2

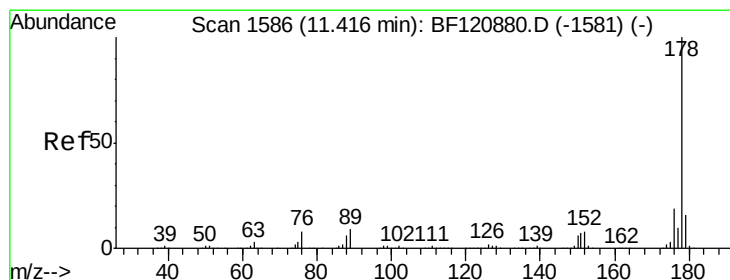
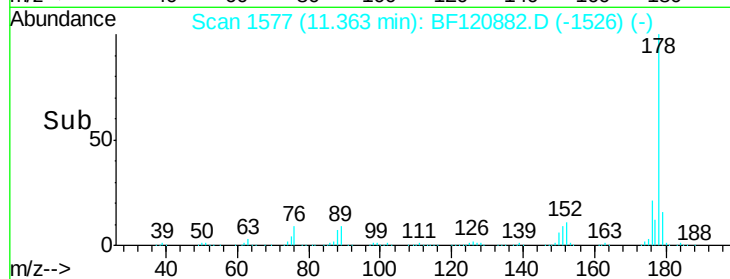
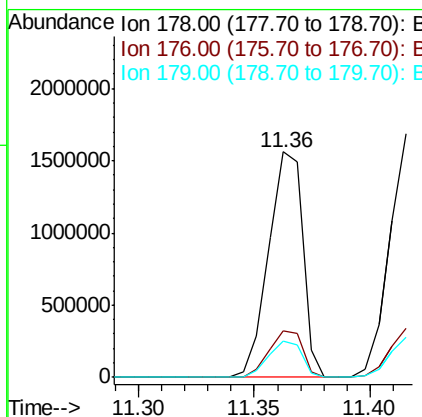
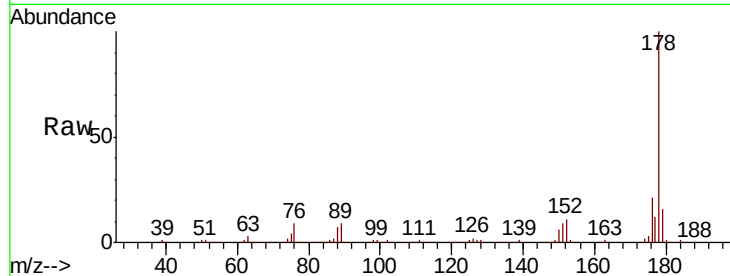




#71
Phenanthrene
Concen: 50.995 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BF120882.D
Acq: 16 Jul 2020 12:41

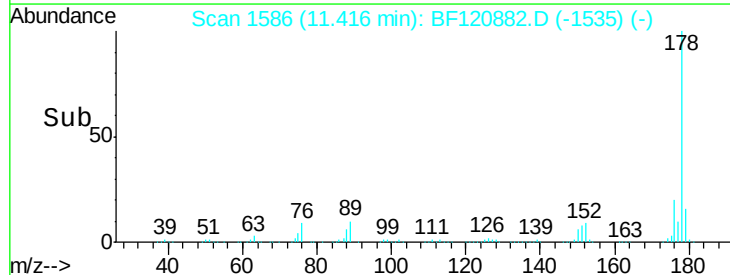
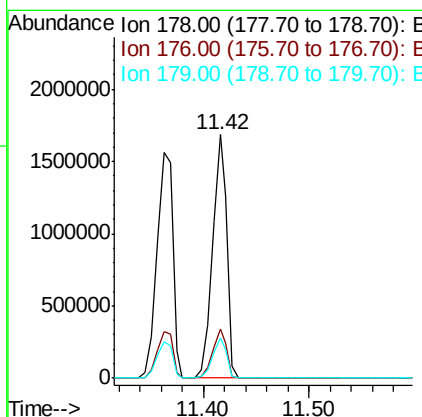
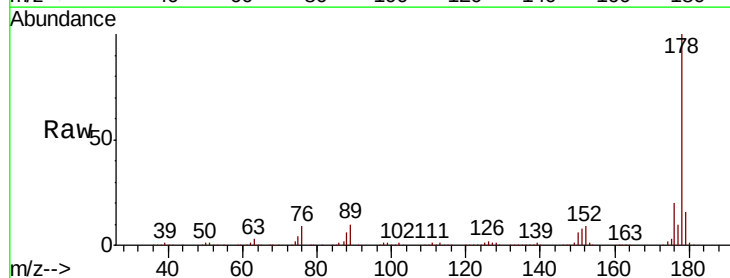
Instrument :
BNA_P
ClientSampleId :

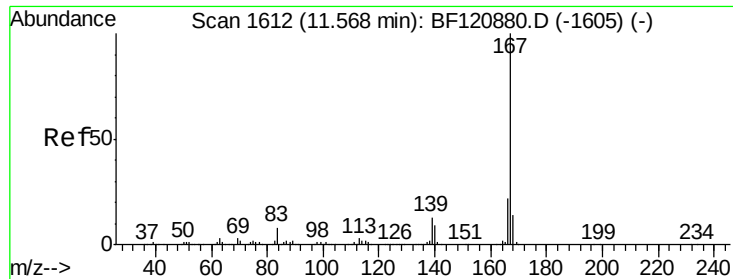
Tot Ion:178 Resp: 1604099
Ion Ratio Lower Upper
178 100
176 20.7 16.2 24.4
179 16.3 12.8 19.2



#72
Anthracene
Concen: 50.604 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF120882.D
Acq: 16 Jul 2020 12:41

Tgt Ion:178 Resp: 1608522
Ion Ratio Lower Upper
178 100
176 20.4 15.5 23.3
179 16.3 12.8 19.2

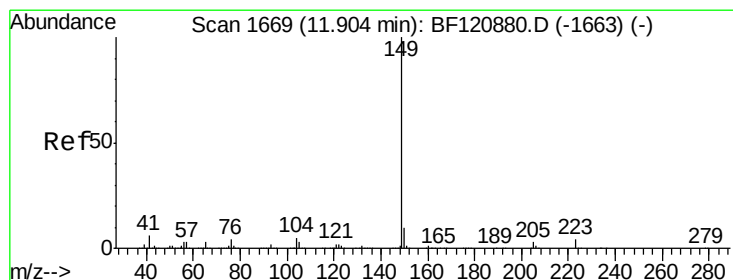
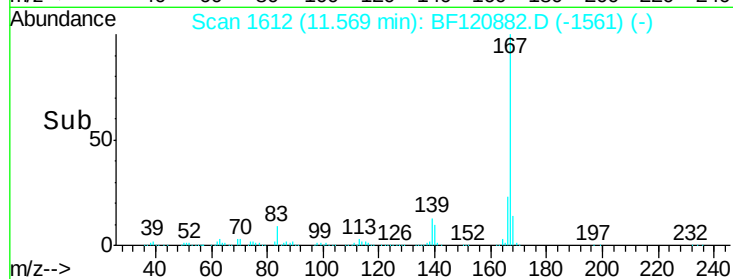
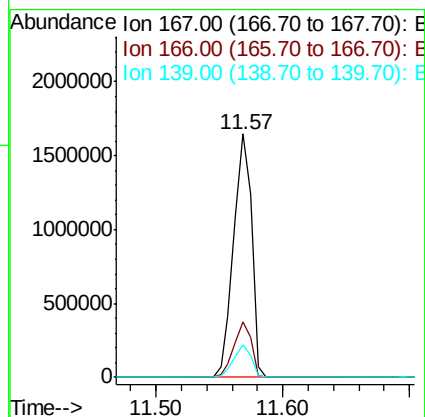
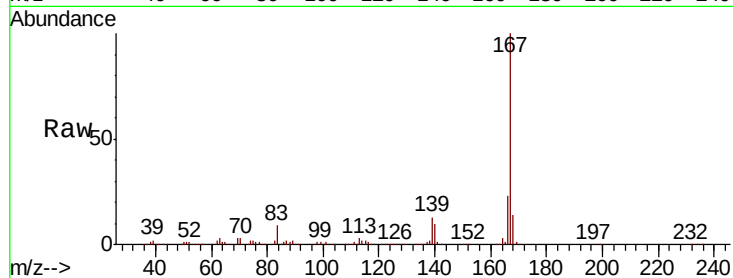




#73
 Carbazole
 Concen: 52.656 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF120882.D
 Acq: 16 Jul 2020 12:41

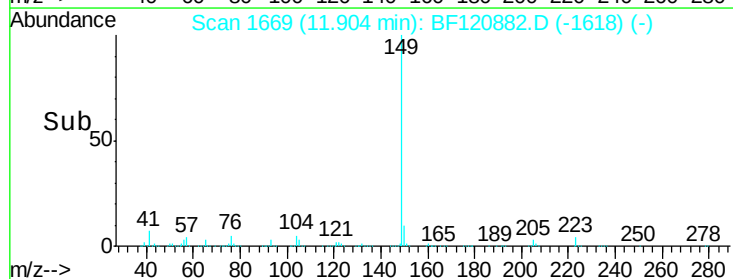
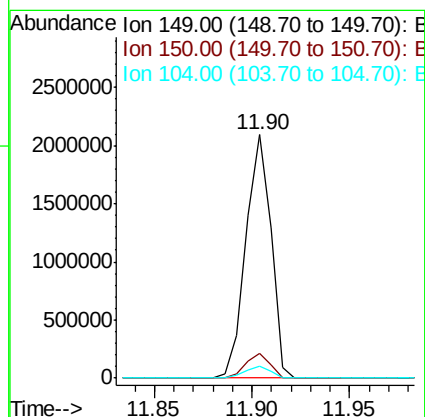
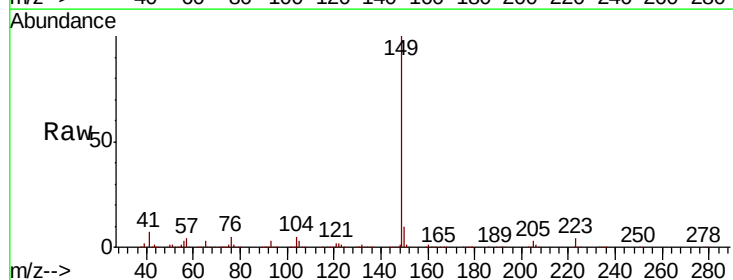
Instrument :
 BNA_P
 ClientSampleId :

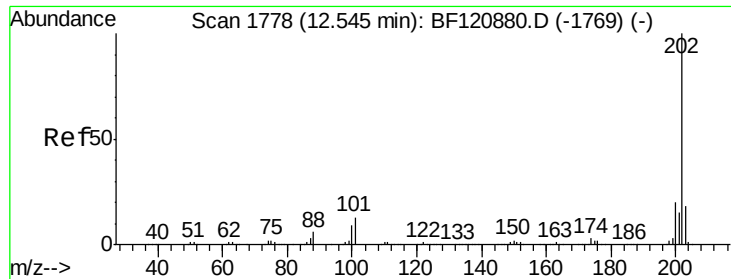
Tot Ion:167 Resp: 1608403
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.7 26.5
 139 13.2 10.1 15.1



#74
 Di-n-butylphthalate
 Concen: 49.458 ng
 RT: 11.90 min Scan# 1669
 Delta R.T. 0.00 min
 Lab File: BF120882.D
 Acq: 16 Jul 2020 12:41

Tgt Ion:149 Resp: 1870394
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.8 11.6
 104 5.1 3.8 5.6

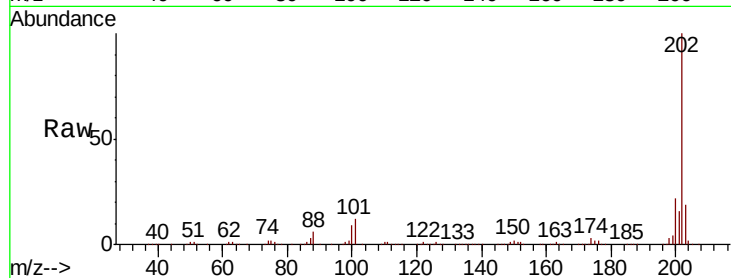




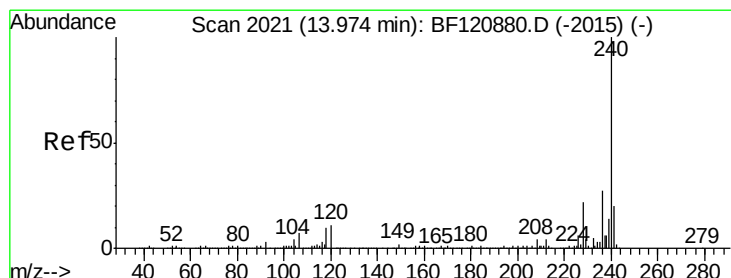
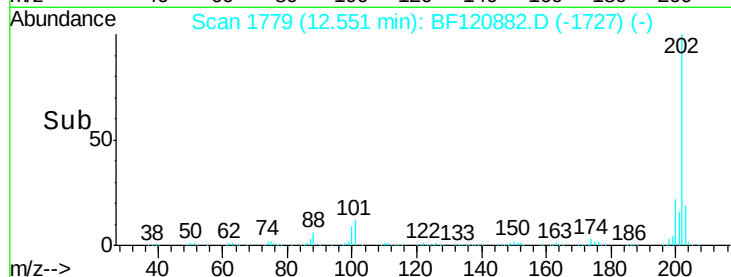
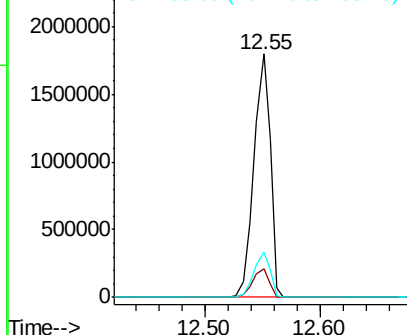
#75
Fluoranthene
Concen: 53.073 ng
RT: 12.55 min Scan# 1779
Delta R.T. 0.01 min
Lab File: BF120882.D
Acq: 16 Jul 2020 12:41

Instrument :
BNA_P
ClientSampleId :

Tot Ion:202 Resp: 1778427
Ion Ratio Lower Upper
202 100
101 11.9 0.0 32.7
203 18.6 0.0 38.0

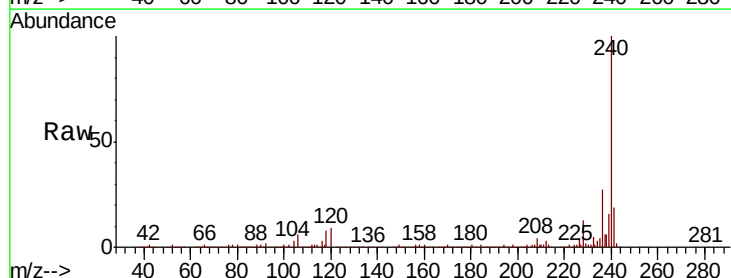


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

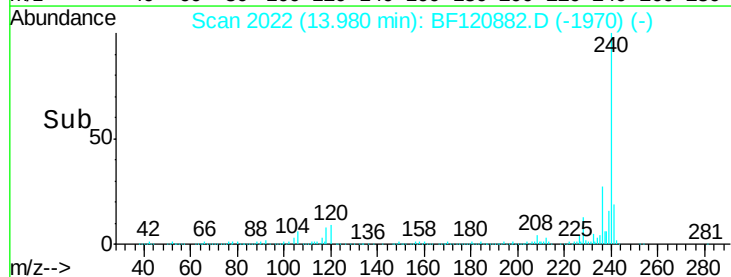
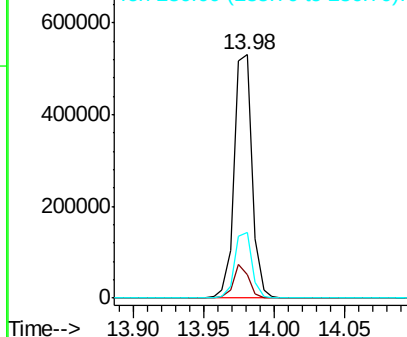


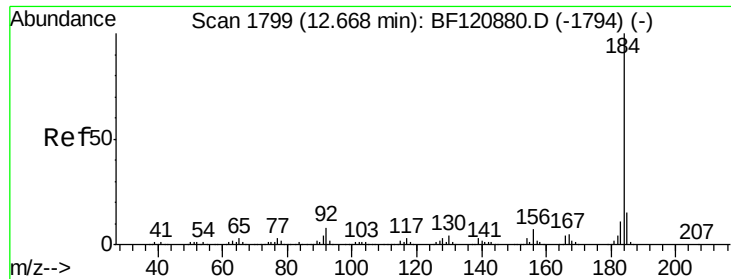
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.01 min
Lab File: BF120882.D
Acq: 16 Jul 2020 12:41

Tgt Ion:240 Resp: 468894
Ion Ratio Lower Upper
240 100
120 9.5 9.0 13.4
236 26.7 21.7 32.5



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

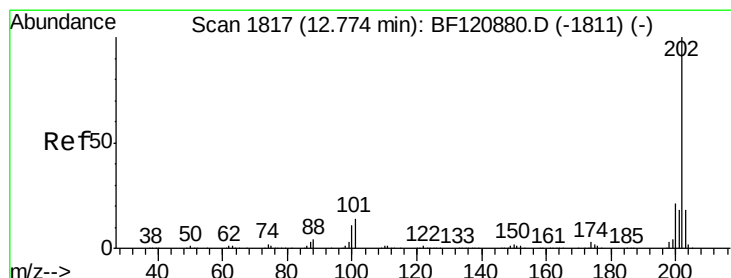
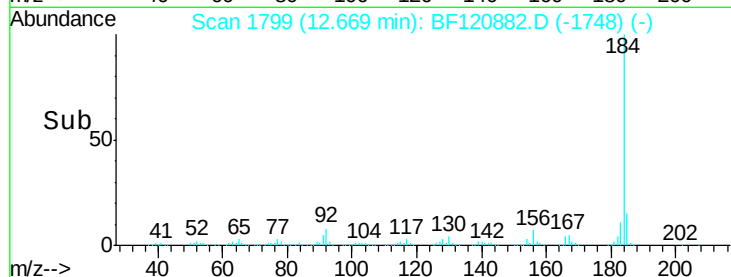
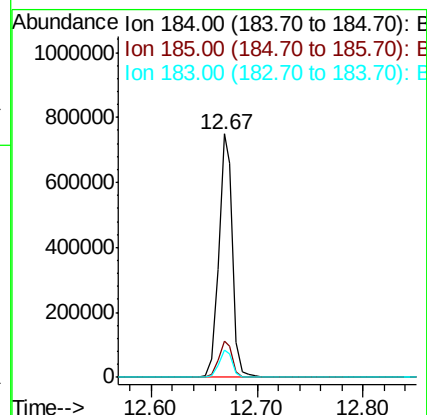
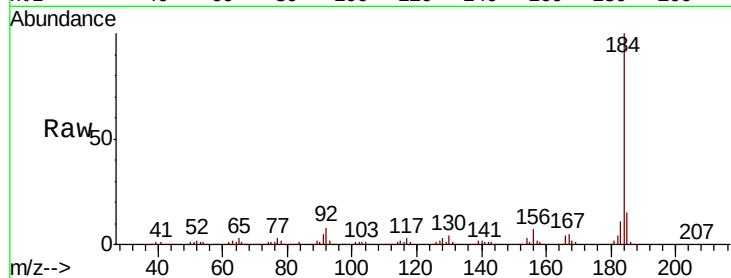




#77
Benzidine
Concen: 52.157 ng
RT: 12.67 min Scan# 1799
Delta R.T. 0.00 min
Lab File: BF120882.D
Acq: 16 Jul 2020 12:41

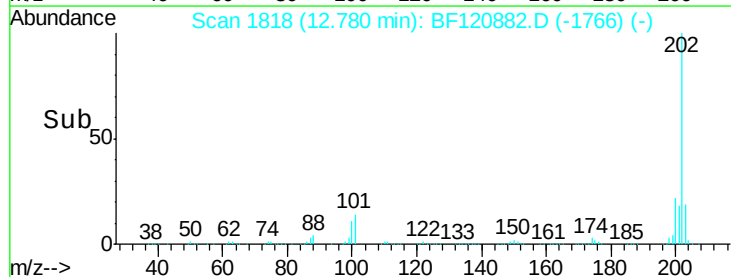
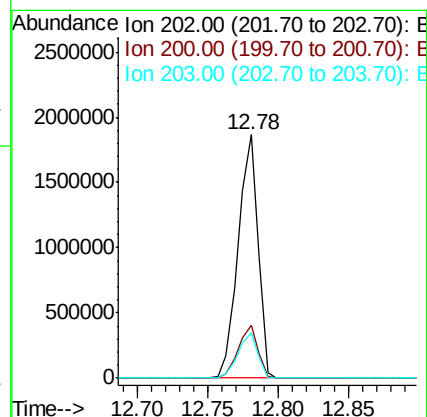
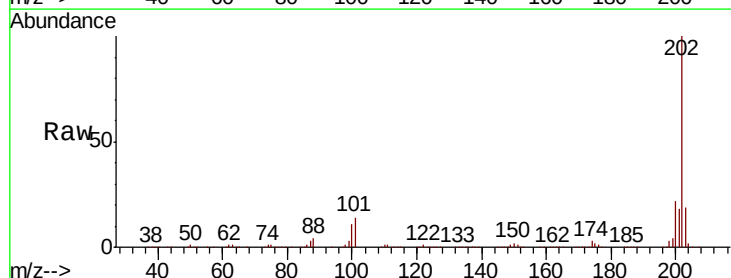
Instrument :
BNA_P
ClientSampled :

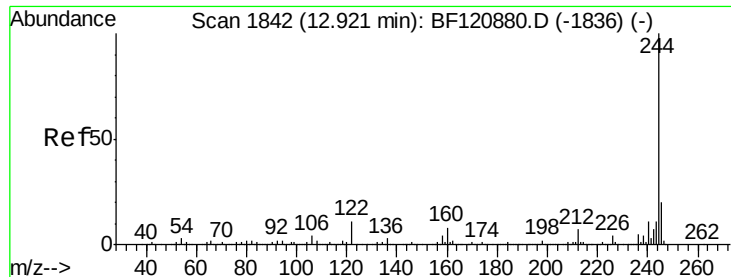
Tot Ion:184 Resp: 690296
Ion Ratio Lower Upper
184 100
185 15.0 12.2 18.2
183 11.0 8.5 12.7



#78
Pyrene
Concen: 48.872 ng
RT: 12.78 min Scan# 1818
Delta R.T. 0.01 min
Lab File: BF120882.D
Acq: 16 Jul 2020 12:41

Tgt Ion:202 Resp: 1830188
Ion Ratio Lower Upper
202 100
200 22.0 17.0 25.4
203 18.5 14.4 21.6





#79

Terphenyl-d14

Concen: 87.669 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.01 min

Lab File: BF120882.D

Acq: 16 Jul 2020 12:41

Instrument :

BNA_P

ClientSampleId :

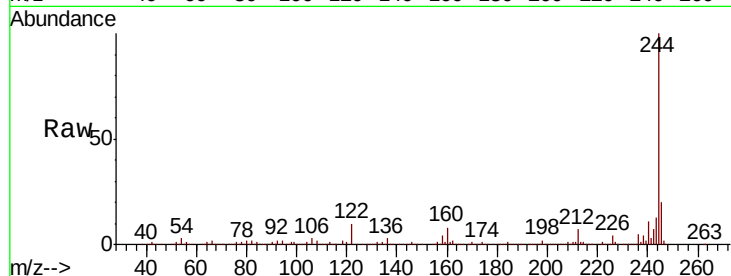
Tot Ion:244 Resp: 2099596

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

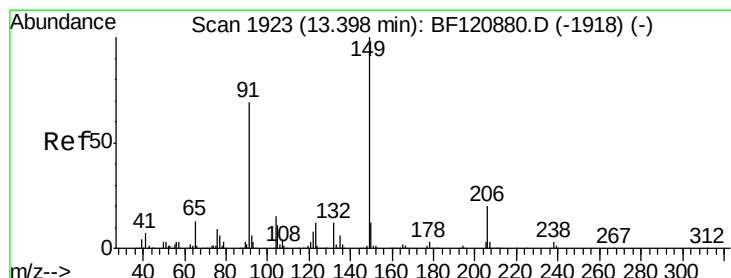
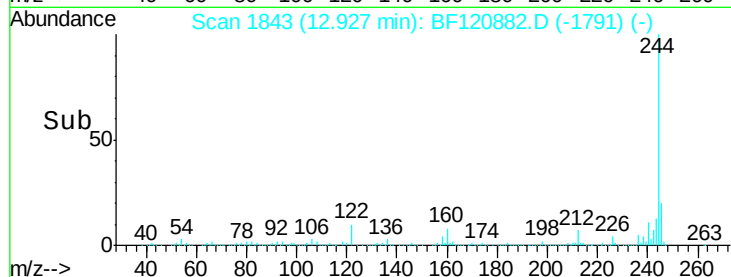
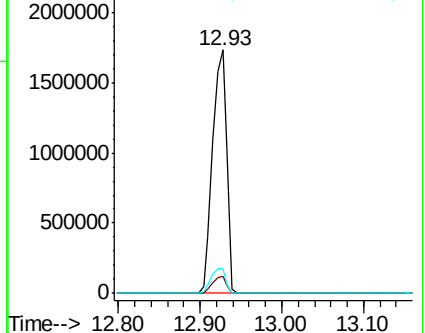
122 9.9 8.9 13.3



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: 53.811 ng

RT: 13.40 min Scan# 1923

Delta R.T. 0.00 min

Lab File: BF120882.D

Acq: 16 Jul 2020 12:41

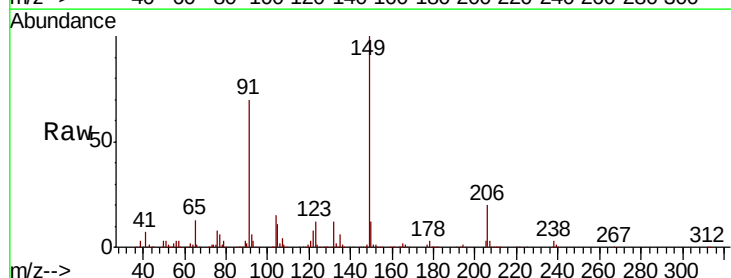
Tgt Ion:149 Resp: 870014

Ion Ratio Lower Upper

149 100

91 70.0 55.1 82.7

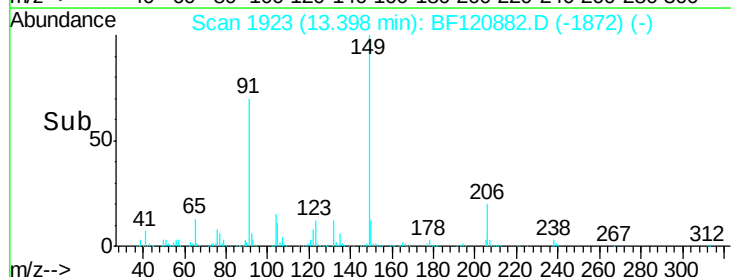
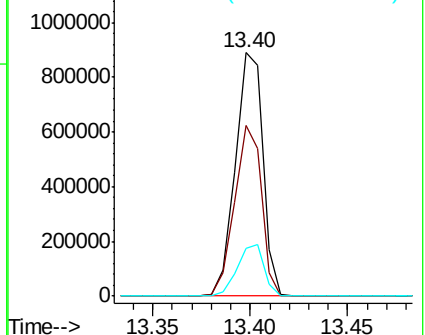
206 19.7 16.1 24.1

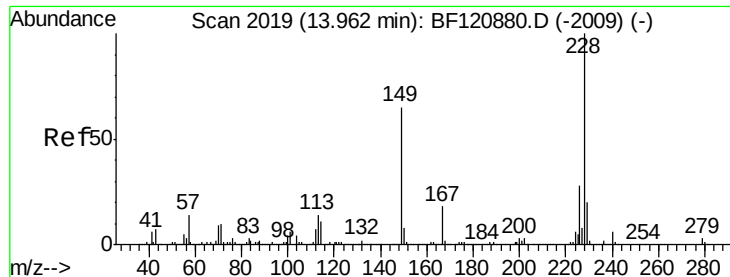


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 48.805 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BF120882.D

Acq: 16 Jul 2020 12:41

Instrument :

BNA_P

ClientSampleId :

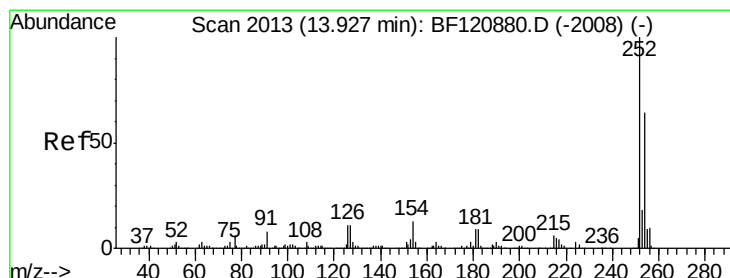
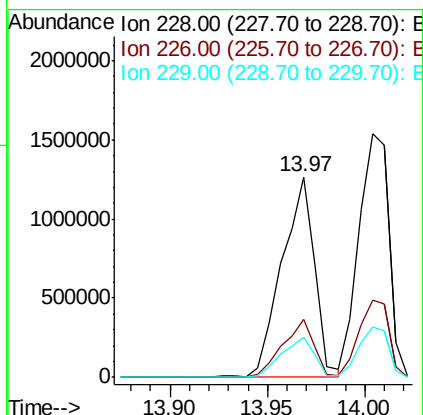
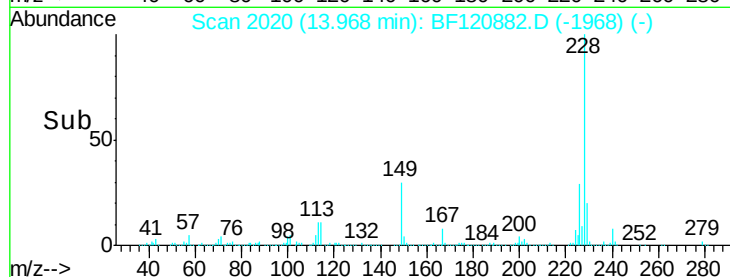
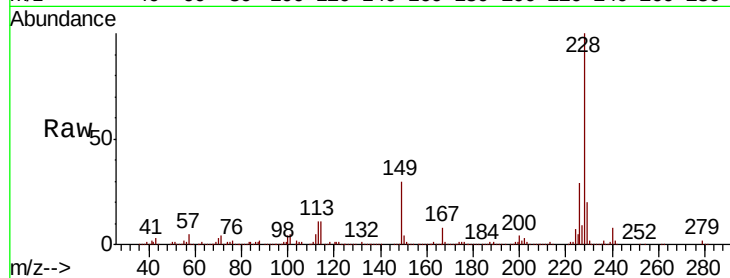
Tot Ion:228 Resp: 1466929

Ion Ratio Lower Upper

228 100

226 28.9 22.3 33.5

229 20.3 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 59.664 ng

RT: 13.93 min Scan# 2014

Delta R.T. 0.01 min

Lab File: BF120882.D

Acq: 16 Jul 2020 12:41

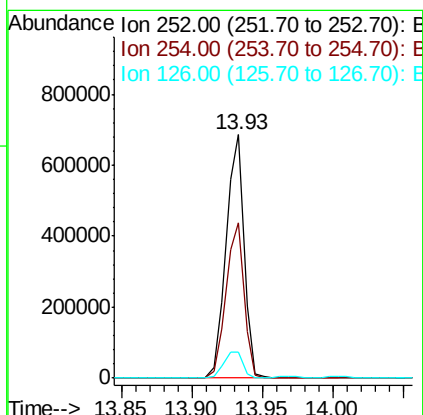
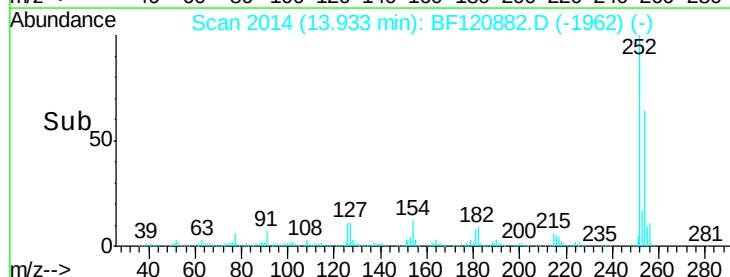
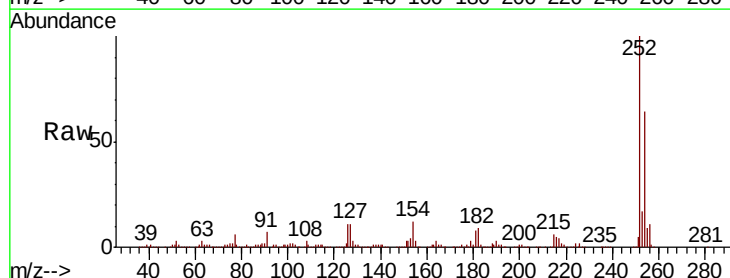
Tgt Ion:252 Resp: 605181

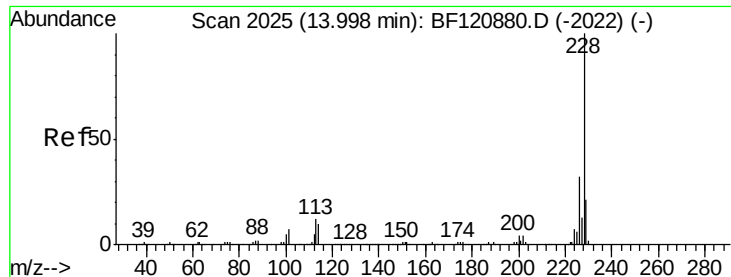
Ion Ratio Lower Upper

252 100

254 63.8 51.2 76.8

126 10.9 8.7 13.1

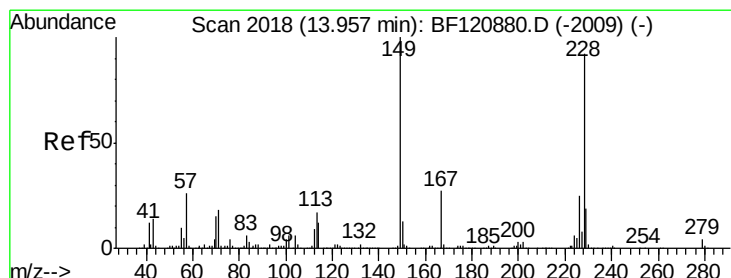
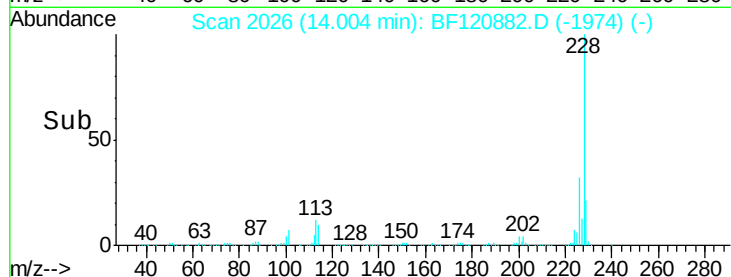
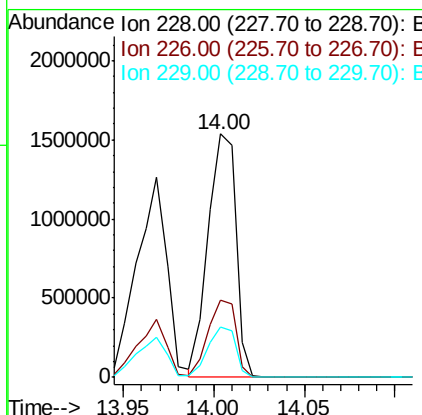
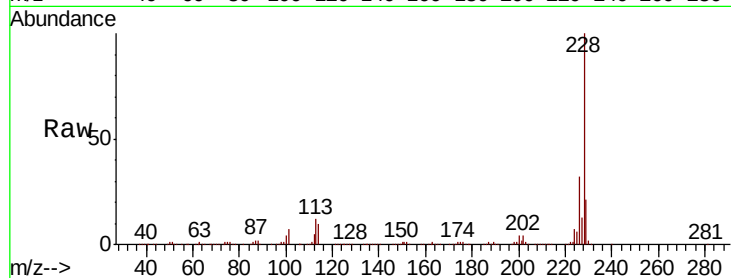




#83
 Chrysene
 Concen: 53.769 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.01 min
 Lab File: BF120882.D
 Acq: 16 Jul 2020 12:41

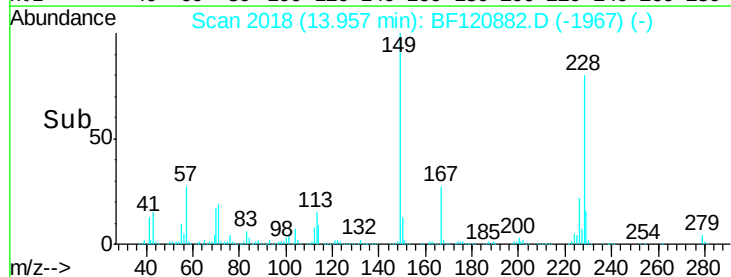
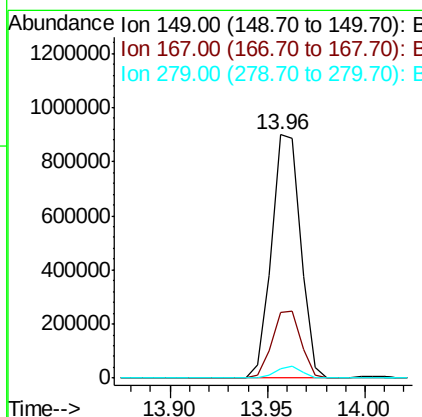
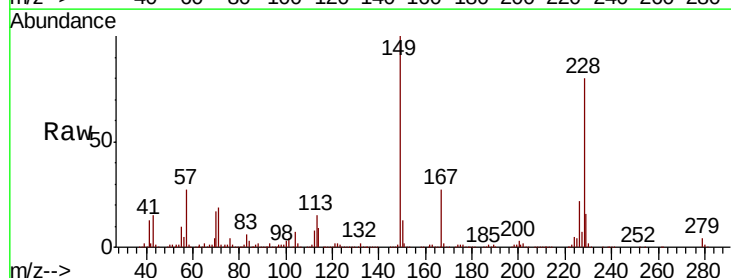
Instrument :
 BNA_P
 ClientSampleID :

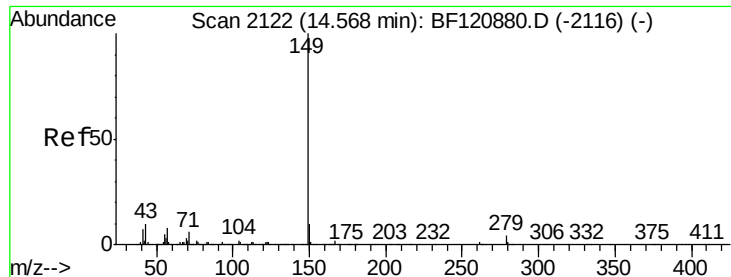
Tot Ion:228 Resp: 1648481
 Ion Ratio Lower Upper
 228 100
 226 31.9 25.6 38.4
 229 20.6 16.8 25.2



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.015 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. 0.00 min
 Lab File: BF120882.D
 Acq: 16 Jul 2020 12:41

Tgt Ion:149 Resp: 933182
 Ion Ratio Lower Upper
 149 100
 167 27.1 21.9 32.9
 279 3.9 3.0 4.4

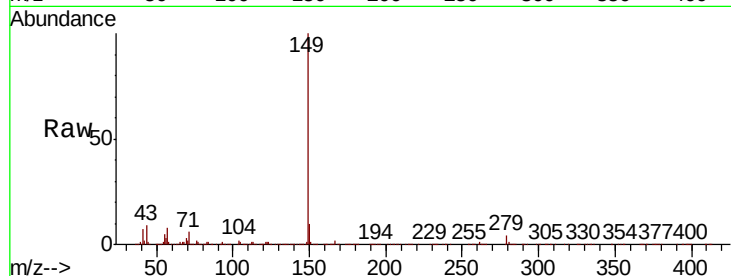




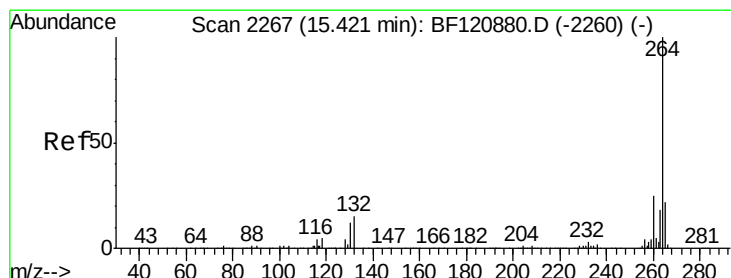
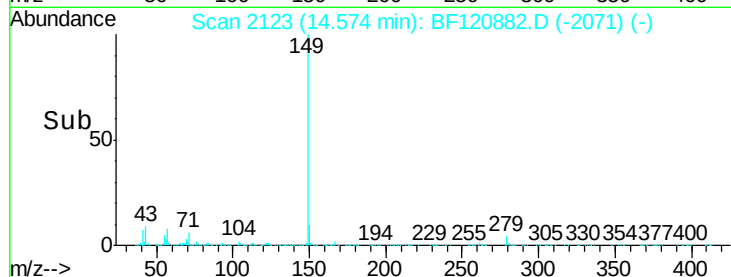
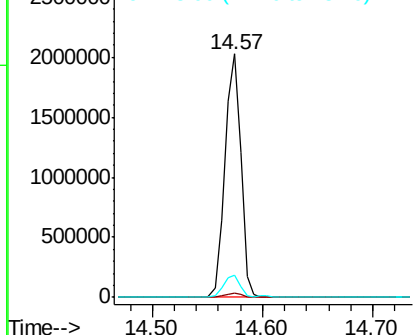
#85
Di-n-octyl phthalate
Concen: 54.695 ng
RT: 14.57 min Scan# 2123
Delta R.T. 0.01 min
Lab File: BF120882.D
Acq: 16 Jul 2020 12:41

Instrument :
BNA_P
ClientSampled :

Tot Ion:149 Resp: 2051512
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.5 7.6 11.4

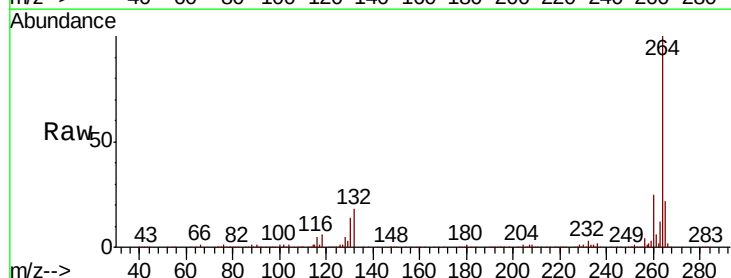


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

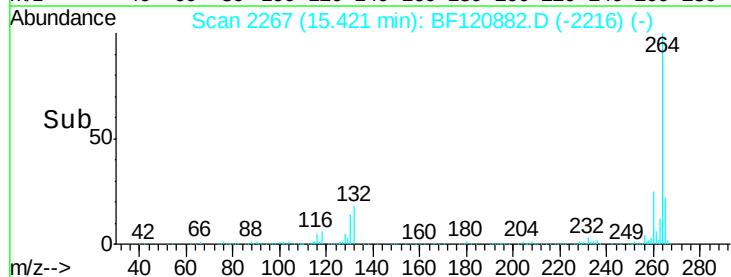
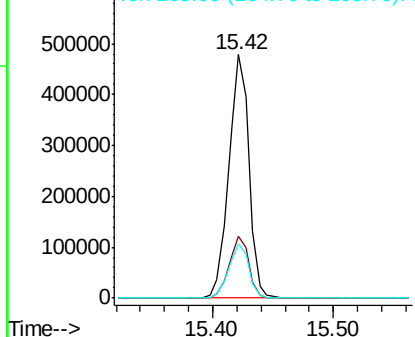


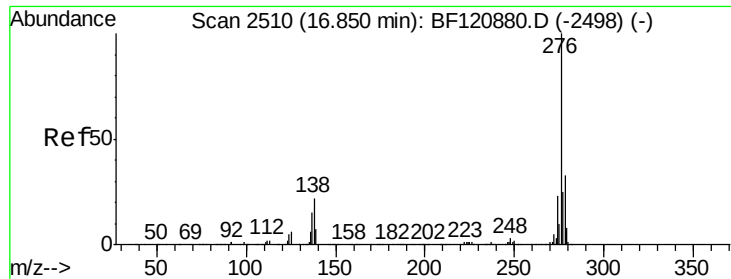
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.00 min
Lab File: BF120882.D
Acq: 16 Jul 2020 12:41

Tgt Ion:264 Resp: 552222
Ion Ratio Lower Upper
264 100
260 25.4 20.0 30.0
265 22.3 17.4 26.2



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



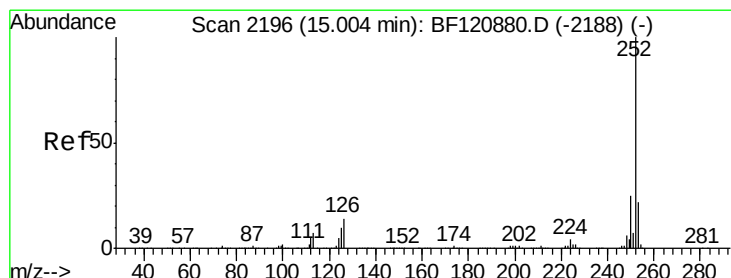
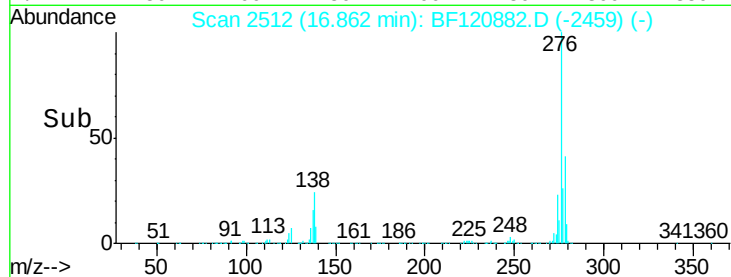
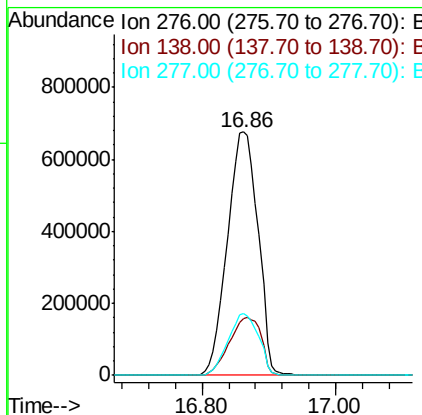
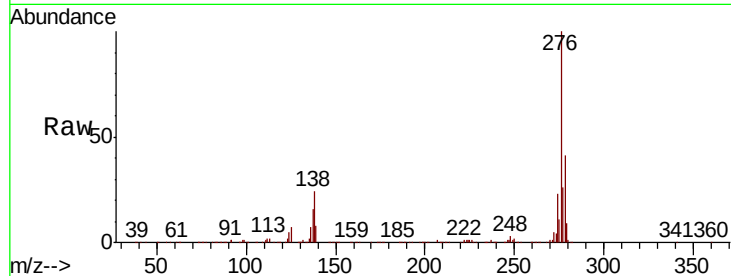


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 61.063 ng
 RT: 16.86 min Scan# 2512
 Delta R.T. 0.01 min
 Lab File: BF120882.D
 Acq: 16 Jul 2020 12:41

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:276 Resp: 2162860

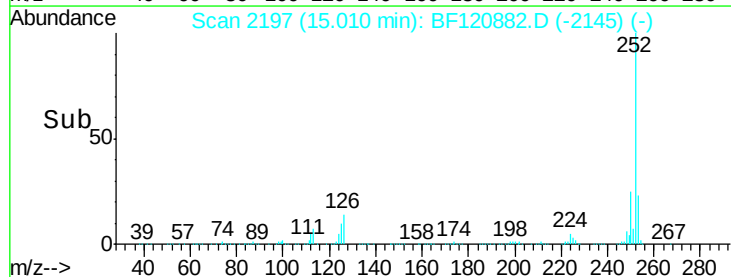
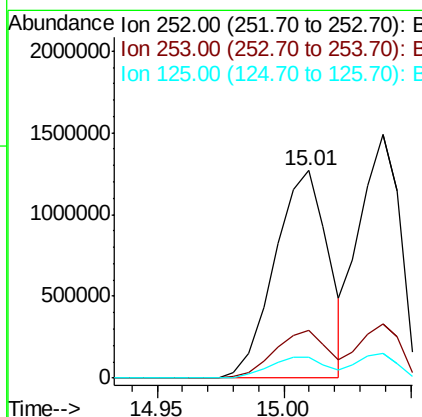
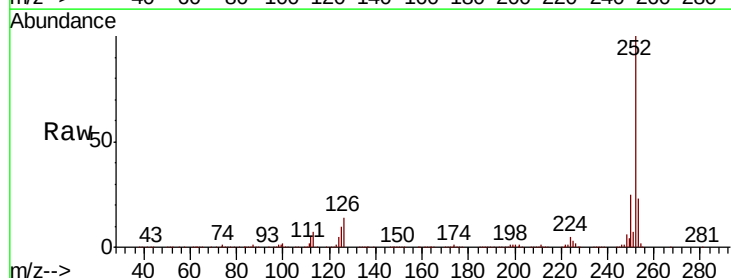
Ion	Ratio	Lower	Upper
276	100		
138	24.6	19.8	29.8
277	25.4	20.2	30.2

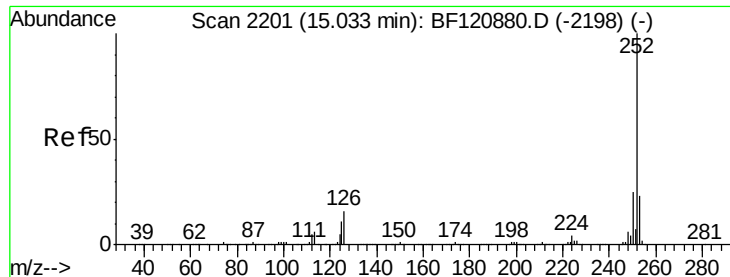


#88
 Benzo(b)fluoranthene
 Concen: 51.359 ng
 RT: 15.01 min Scan# 2197
 Delta R.T. 0.01 min
 Lab File: BF120882.D
 Acq: 16 Jul 2020 12:41

Tgt Ion:252 Resp: 1864542

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	10.4	8.3	12.5

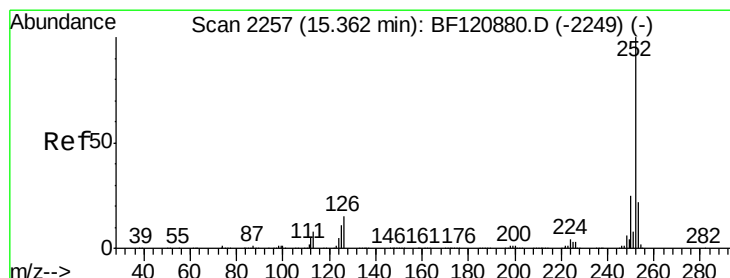
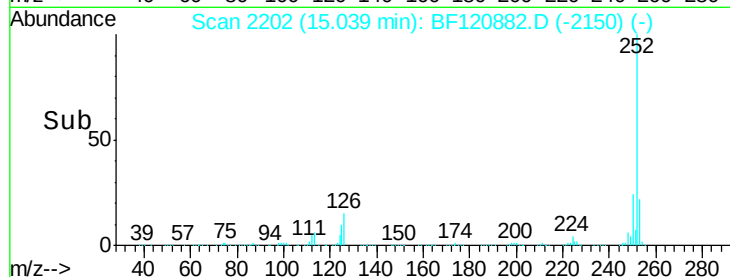
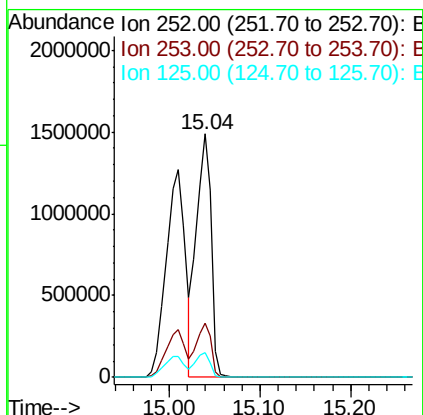
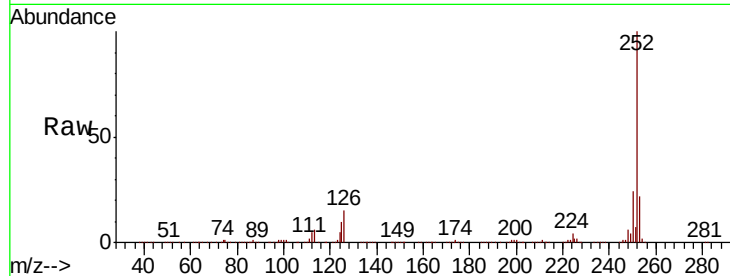




#89
Benzo(k)fluoranthene
Concen: 47.509 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BF120882.D
Acq: 16 Jul 2020 12:41

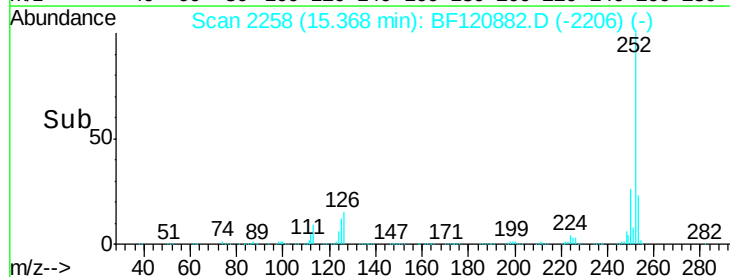
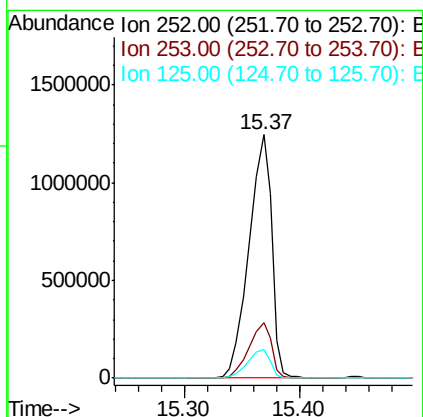
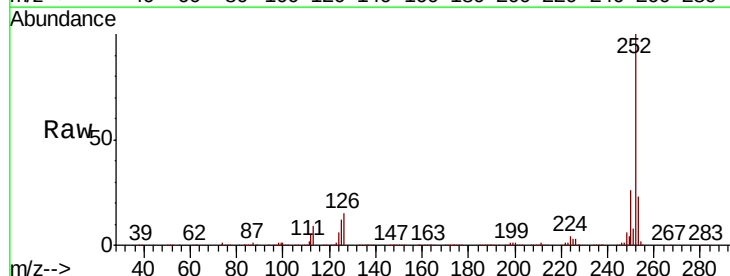
Instrument :
BNA_P
ClientSampleId :

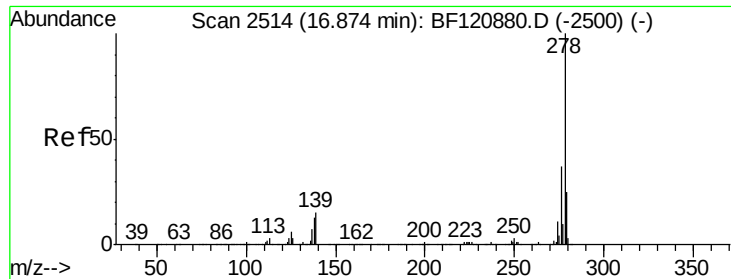
Tot Ion:252 Resp: 1678321
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.2
125 10.3 8.4 12.6



#90
Benzo(a)pyrene
Concen: 52.872 ng
RT: 15.37 min Scan# 2258
Delta R.T. 0.01 min
Lab File: BF120882.D
Acq: 16 Jul 2020 12:41

Tgt Ion:252 Resp: 1712272
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.8
125 11.7 8.9 13.3



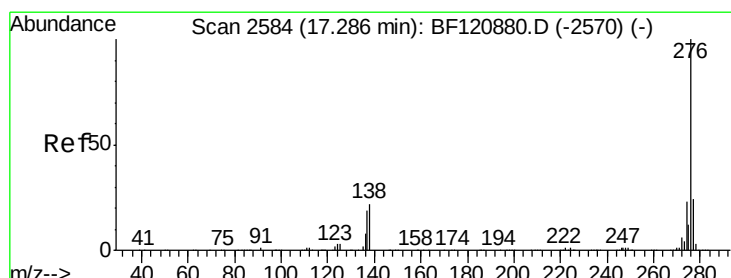
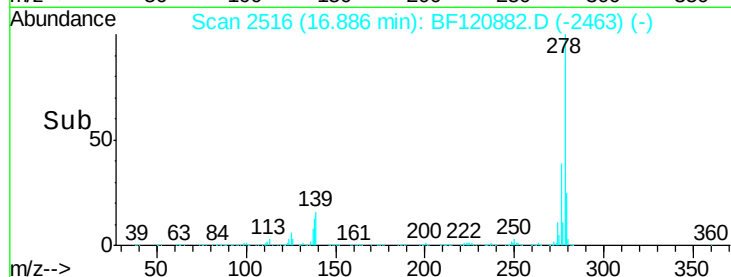
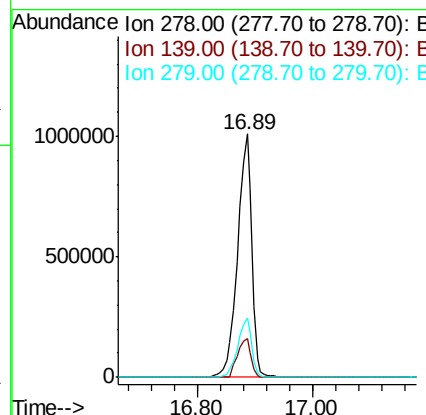
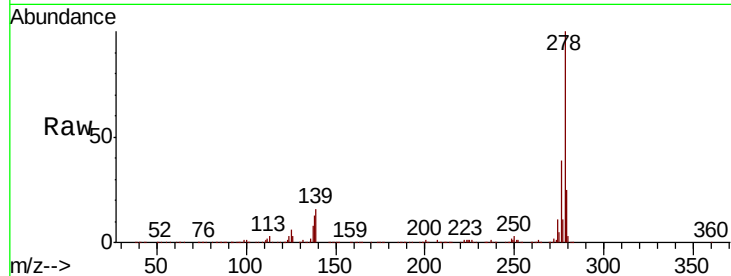


#91
Dibenzo(a,h)anthracene
Concen: 58.575 ng
RT: 16.89 min Scan# 2516
Delta R.T. 0.01 min
Lab File: BF120882.D
Acq: 16 Jul 2020 12:41

Instrument :
BNA_P
ClientSampleId :

Tot Ion:278 Resp: 1729228

Ion	Ratio	Lower	Upper
278	100		
139	16.0	12.3	18.5
279	24.6	20.1	30.1



#92
Benzo(g,h,i)perylene
Concen: 64.857 ng
RT: 17.30 min Scan# 2586
Delta R.T. 0.01 min
Lab File: BF120882.D
Acq: 16 Jul 2020 12:41

Tgt Ion:276 Resp: 1749897

Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.8	28.2
138	22.4	17.5	26.3

