

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_F
 ClientSampleId :
 SSTDICC060

Quant Time: Jul 16 14:24:46 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	0.00	172	0d	0.00	ng	
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
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
41) Hexachlorocyclopentadiene	8.97	237	292121	53.757	ng	97

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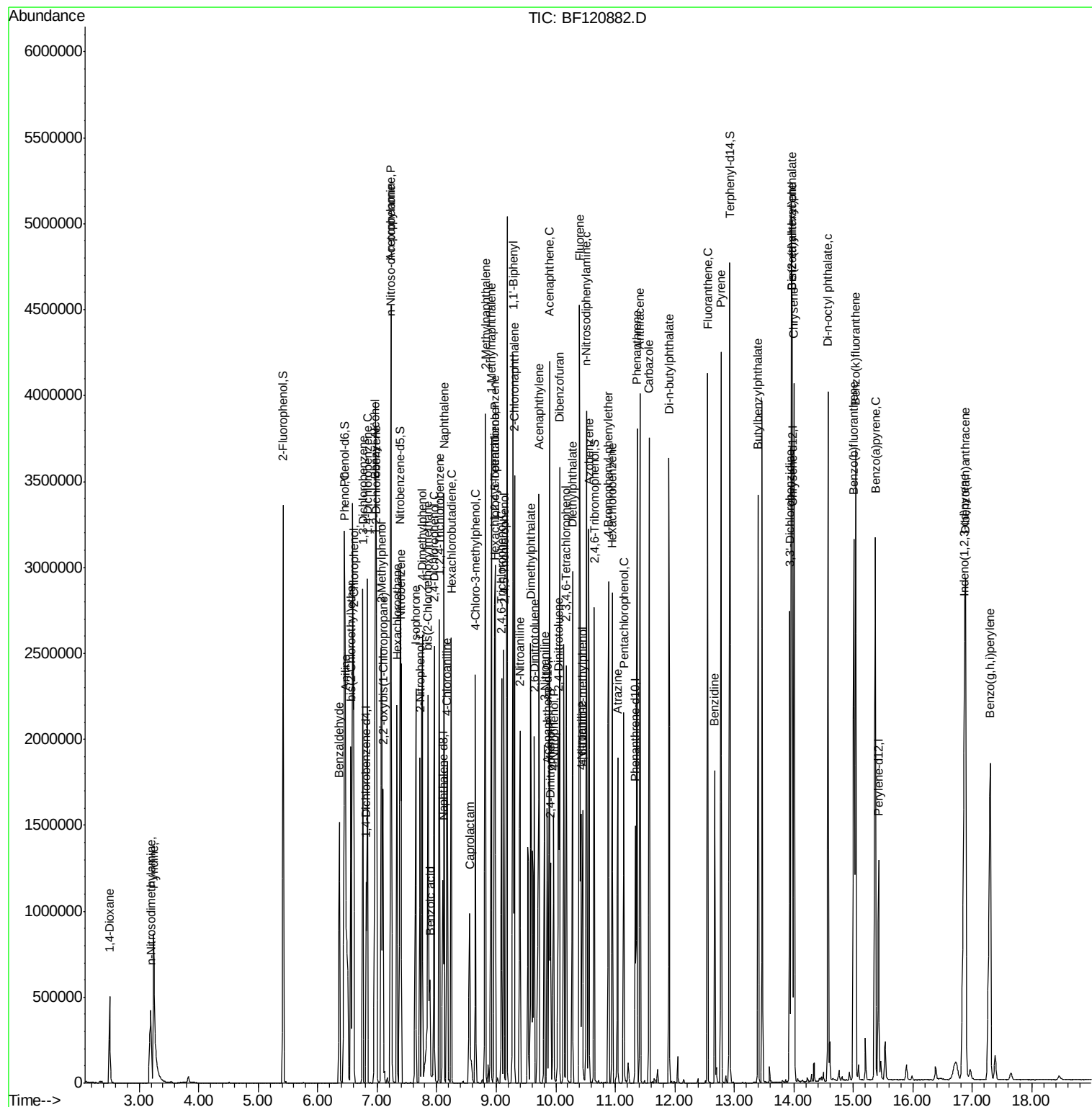
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.09	196	362311	57.811	nq	100
44) 2,4,5-Trichlorophenol	9.13	196	401972	57.795	nq	96
46) 1,1'-Biphenyl	9.28	154	1234557	50.293	nq	99
47) 2-Chloronaphthalene	9.30	162	1037216	52.742	nq	99
48) 2-Nitroaniline	9.40	65	336023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

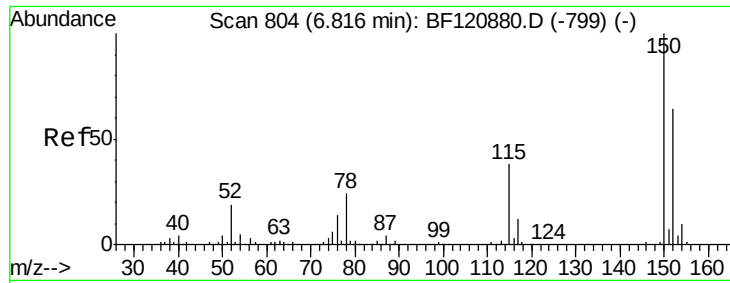
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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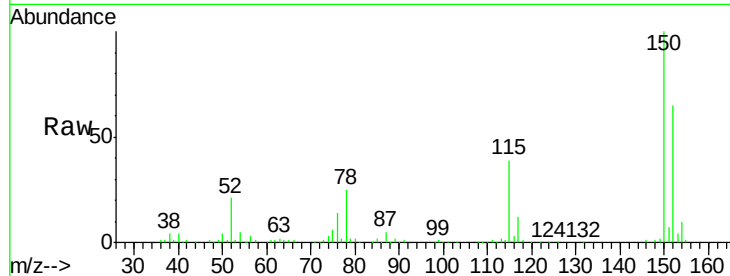


#1

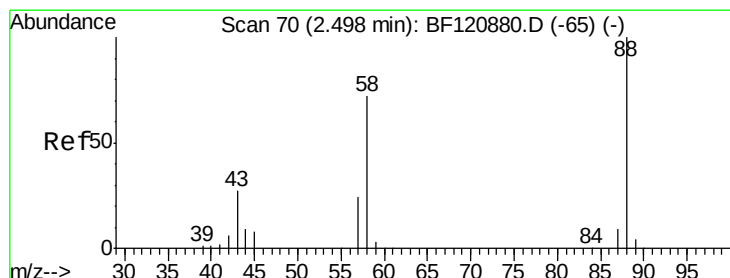
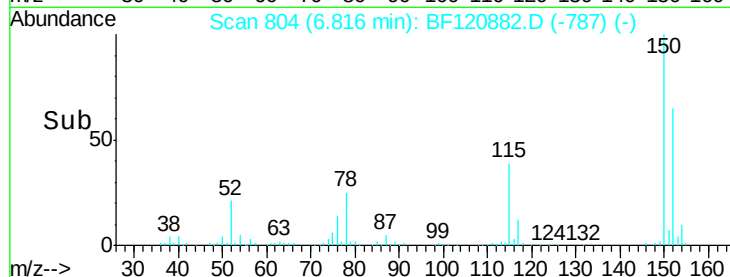
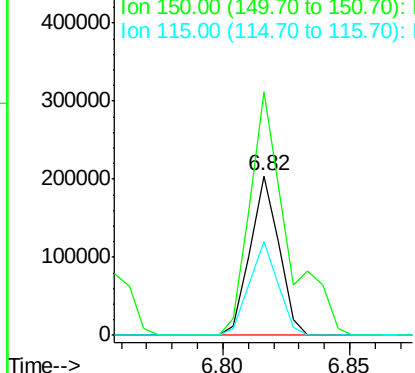
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF120882.D
Acq: 16 Jul 2020 12:41

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

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



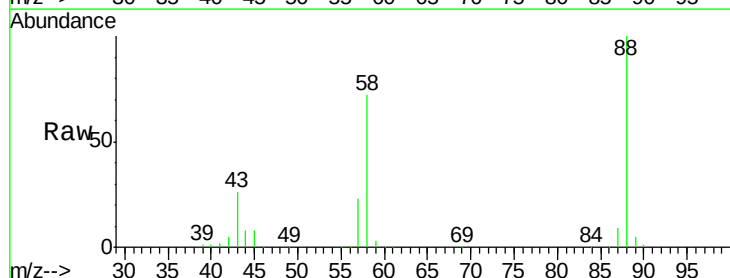
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



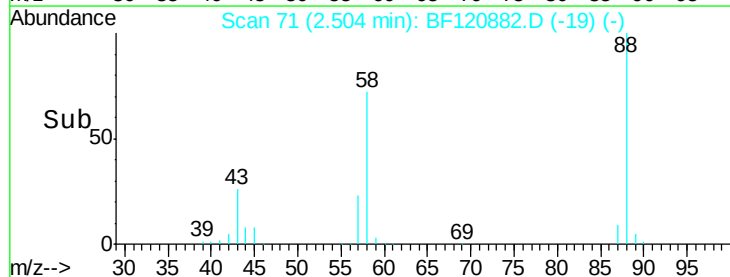
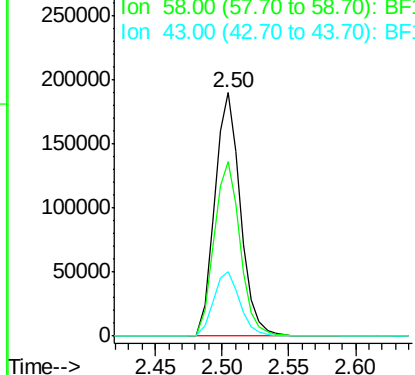
#2

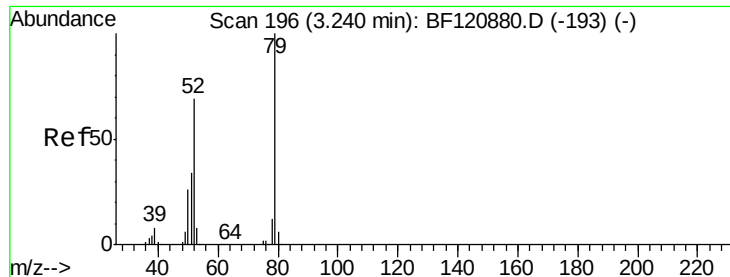
1,4-Dioxane
Concen: 53.417 ng
RT: 2.50 min Scan# 71
Delta R.T. 0.01 min
Lab File: BF120882.D
Acq: 16 Jul 2020 12:41

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_F

ClientSampleId :

SSTDICC060

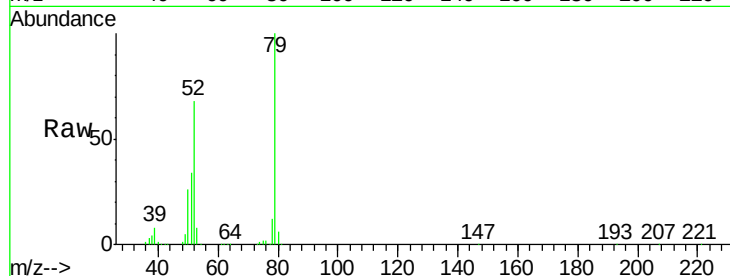
Tot Ion: 79 Resp: 708844

Ion Ratio Lower Upper

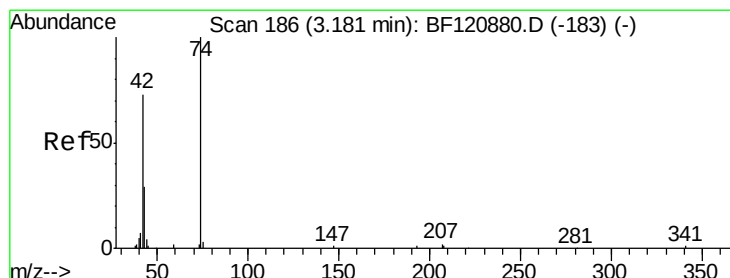
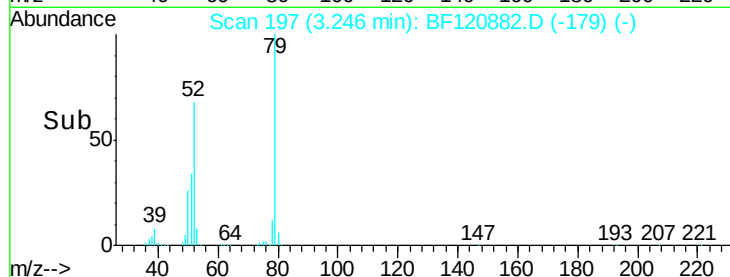
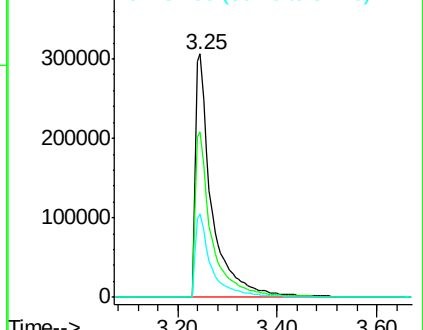
79 100

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

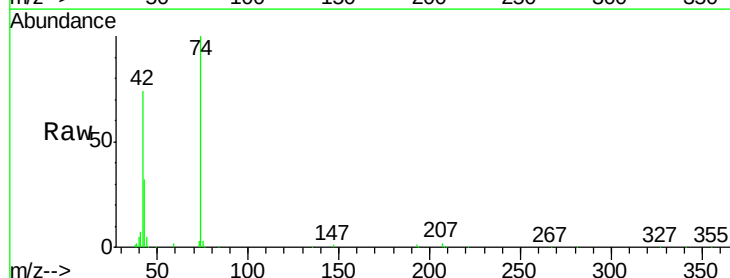
Tgt Ion: 42 Resp: 298189

Ion Ratio Lower Upper

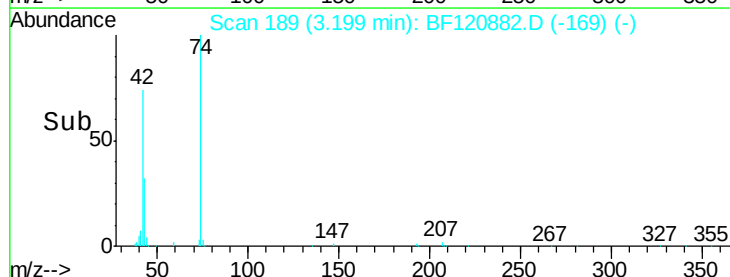
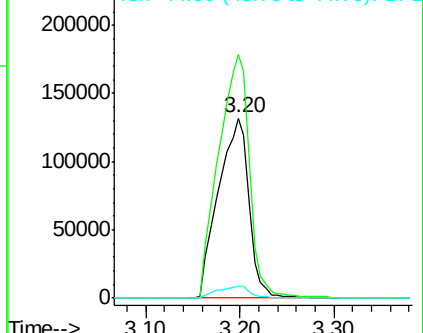
42 100

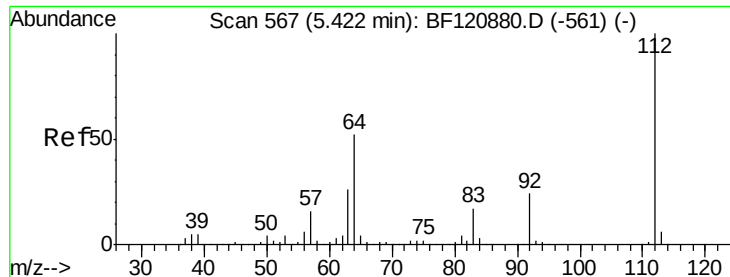
74 135.1 108.7 163.1

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 :

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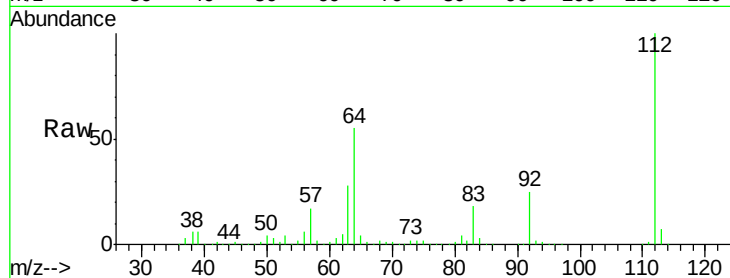
Tot Ion:112 Resp: 1055091

Ion Ratio Lower Upper

112 100

64 54.5 41.3 61.9

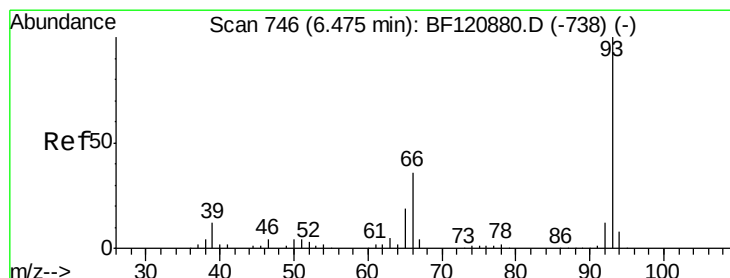
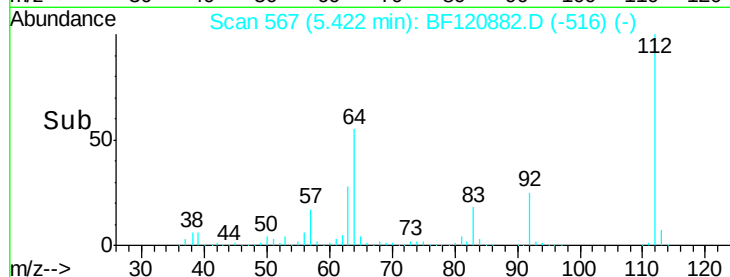
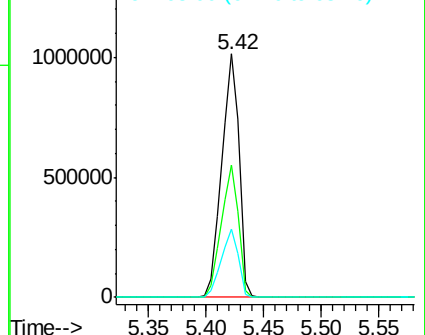
63 28.1 21.1 31.7



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

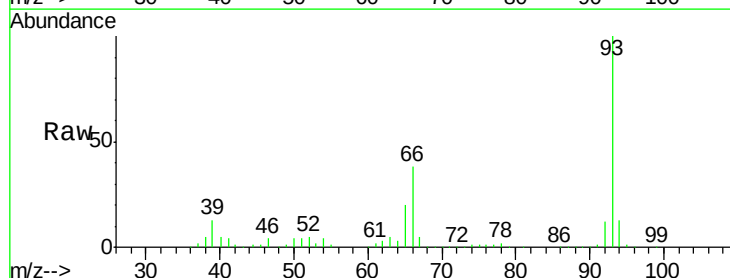
Tgt Ion: 93 Resp: 947389

Ion Ratio Lower Upper

93 100

66 38.5 30.2 45.4

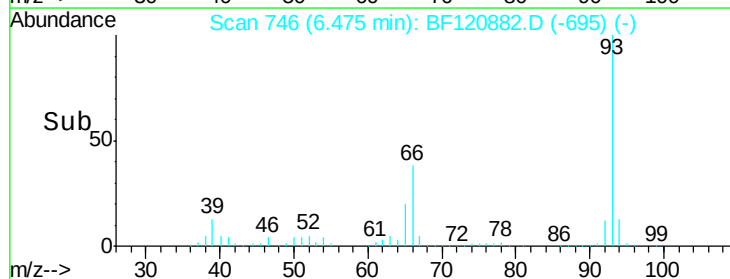
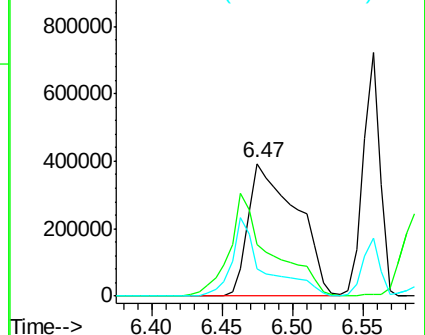
65 20.4 15.8 23.6

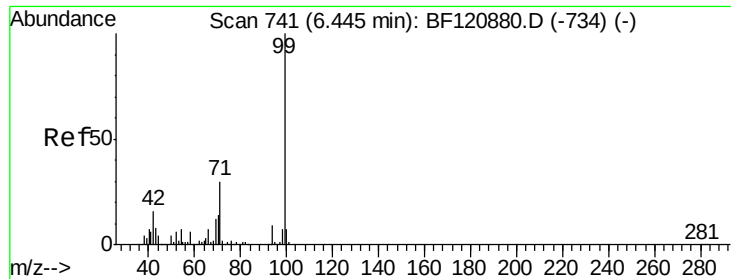


Abundance Ion 93.00 (92.70 to 93.70): BF1

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 :

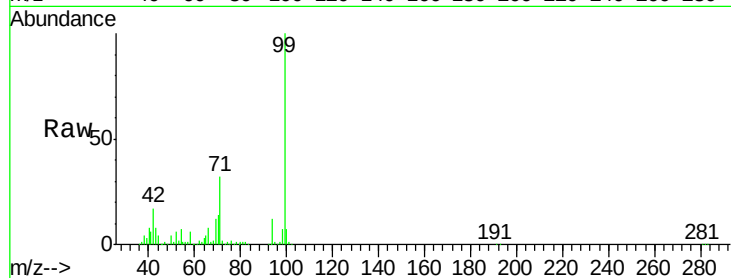
BNA_F

ClientSampleId :

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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

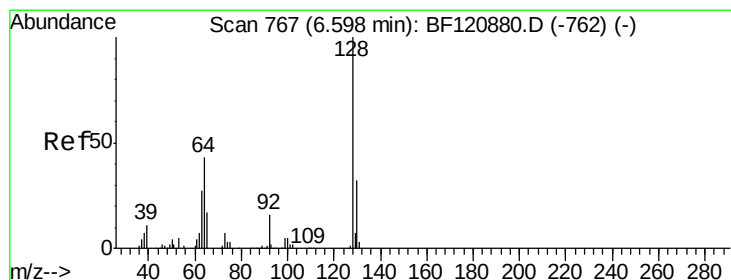
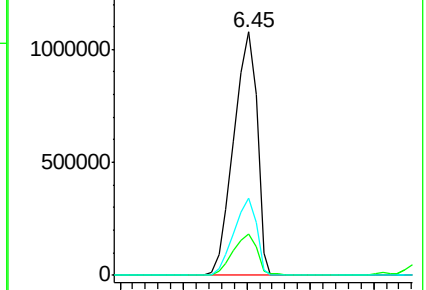
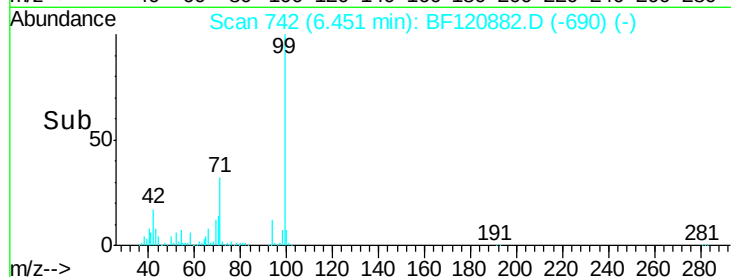


Abundance

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

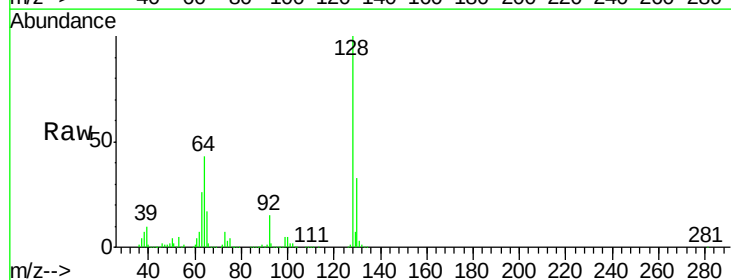
Delta R.T. 0.01 min

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

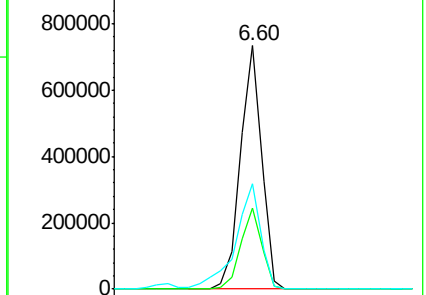
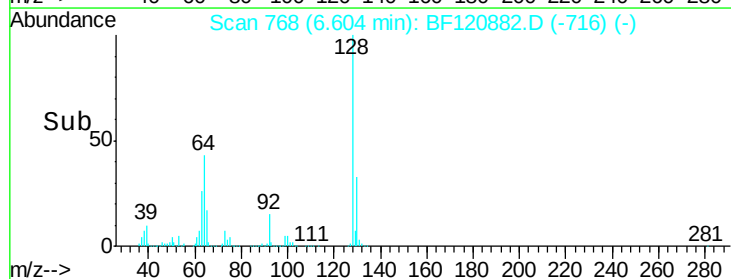


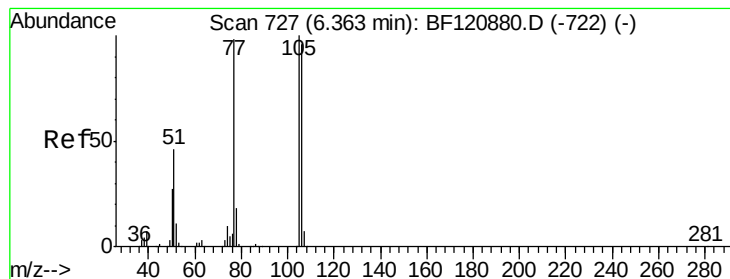
Abundance

Ion 128.00 (127.70 to 128.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

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

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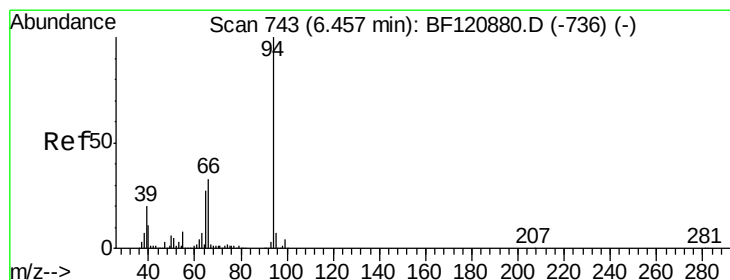
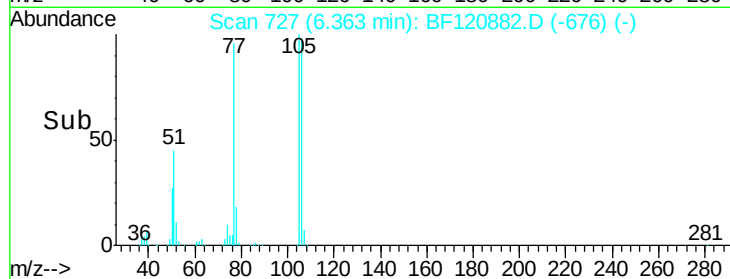
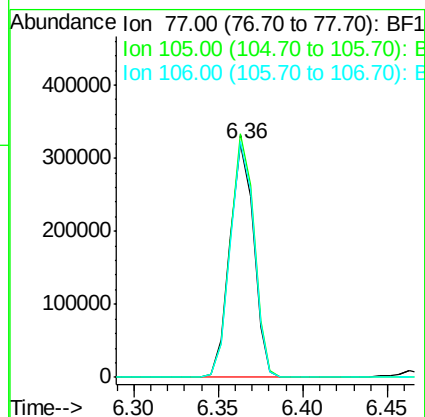
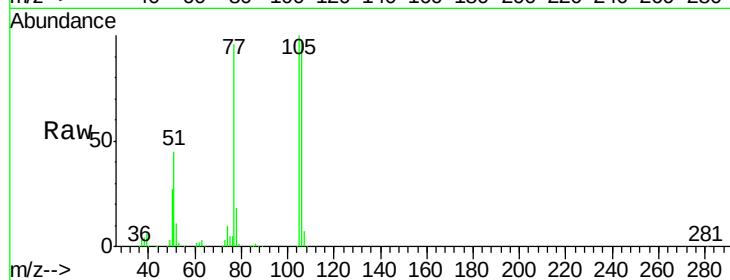
Tot Ion: 77 Resp: 314787

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

Lab File: BF120882.D

Acq: 16 Jul 2020 12:41

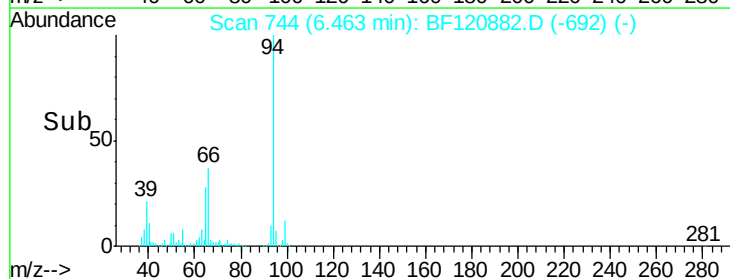
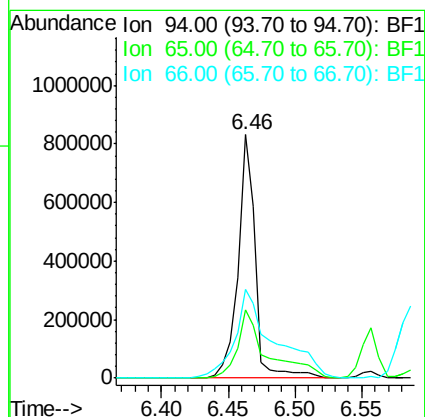
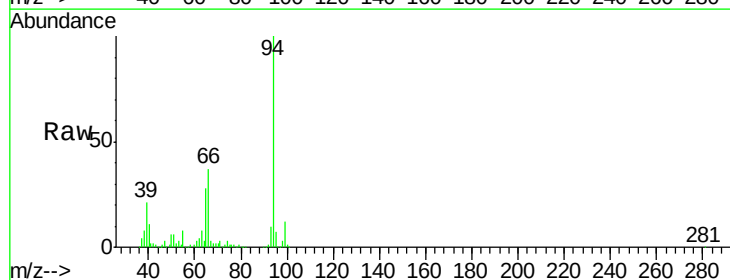
Tgt Ion: 94 Resp: 754820

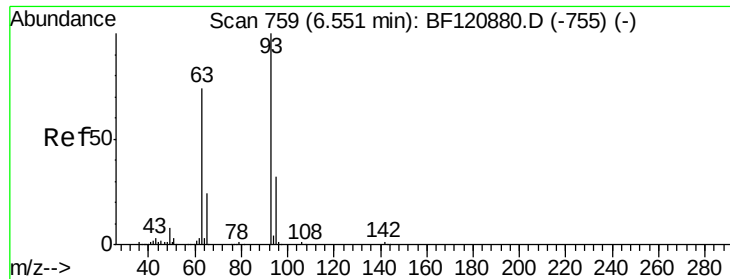
Ion Ratio Lower Upper

94 100

65 28.1 6.6 46.6

66 36.7 13.2 53.2

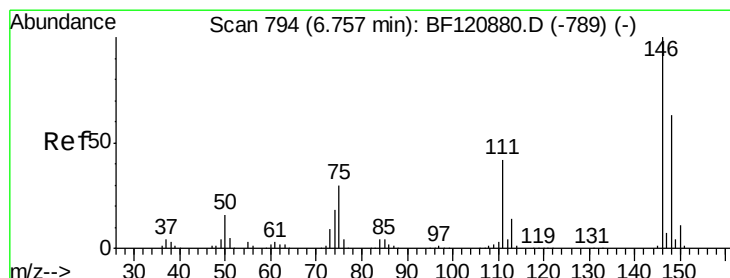
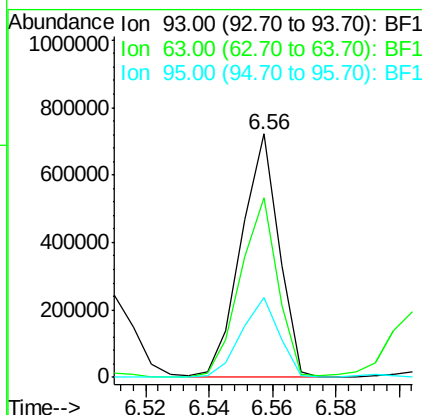
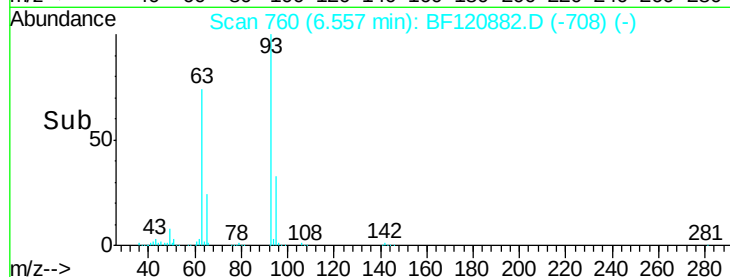
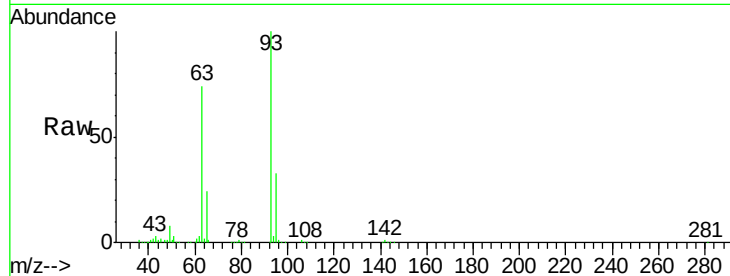




#11
bis(2-Chloroethyl)ether
Concen: 52.618 ng
RT: 6.56 min Scan# 760
Delta R.T. 0.01 min
Lab File: BF120882.D
Acq: 16 Jul 2020 12:41

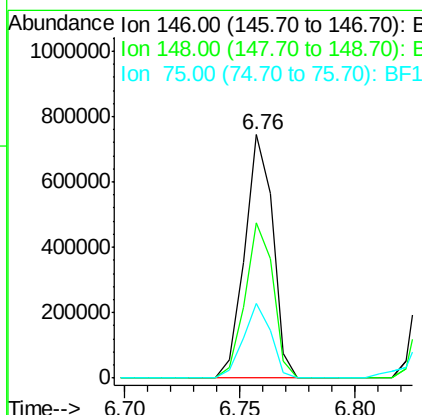
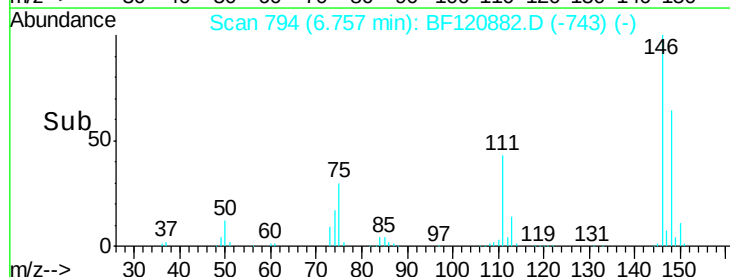
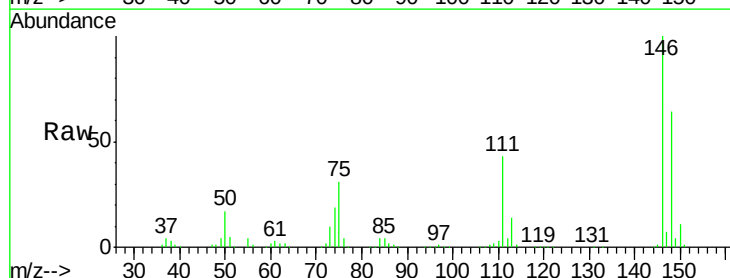
Instrument :
BNA_F
ClientSampleId :
SSTDIC060

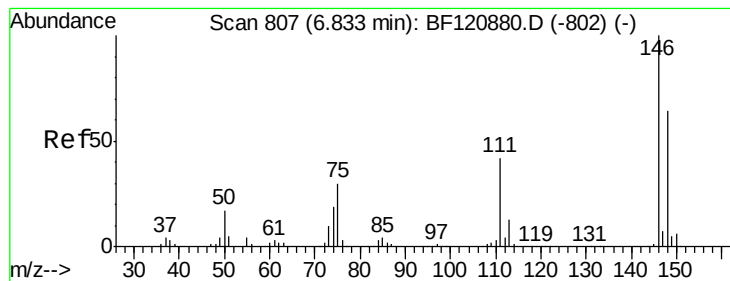
Tot Ion: 93 Resp: 593051
Ion Ratio Lower Upper
93 100
63 73.9 54.2 94.2
95 32.6 12.2 52.2



#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: 146 Resp: 634498
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_F

ClientSampleId :

SSTDICC060

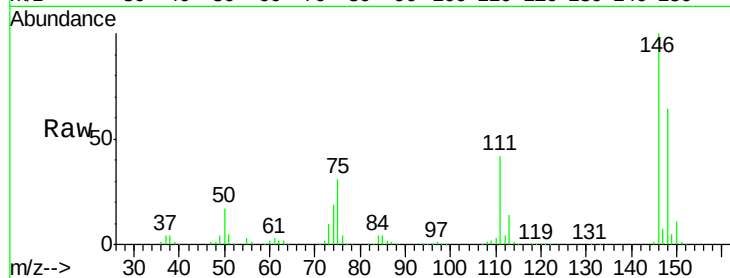
Tot Ion:146 Resp: 631907

Ion Ratio Lower Upper

146 100

148 63.6 51.6 77.4

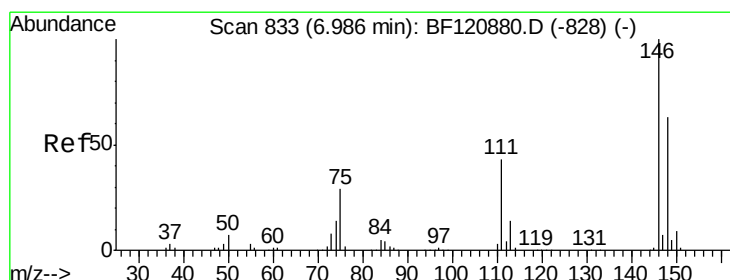
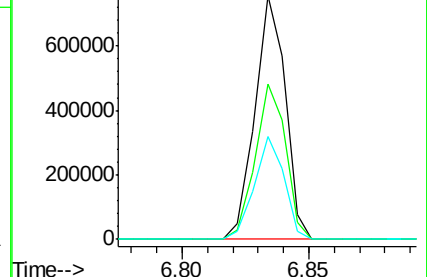
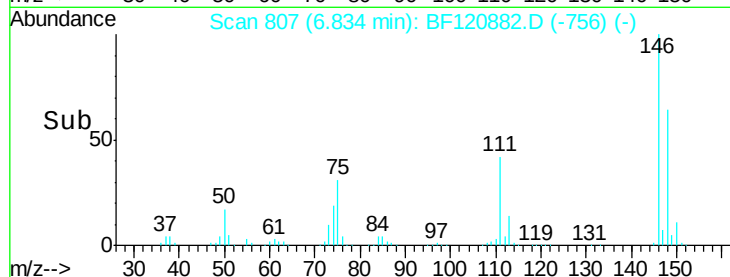
111 42.4 33.5 50.3



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

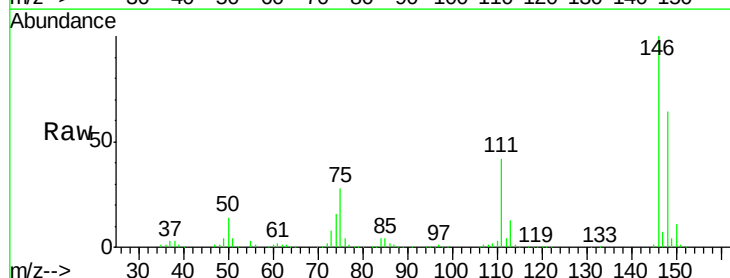
Tgt Ion:146 Resp: 583543

Ion Ratio Lower Upper

146 100

148 64.3 50.6 76.0

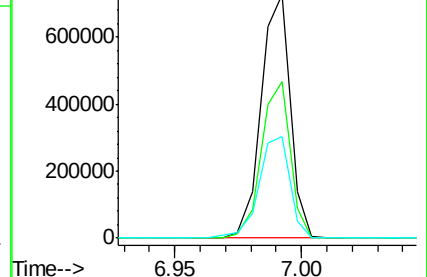
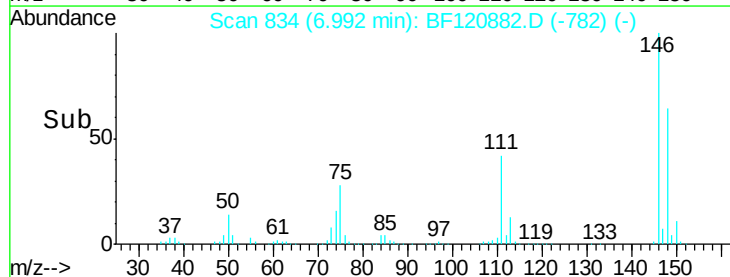
111 41.9 34.2 51.2

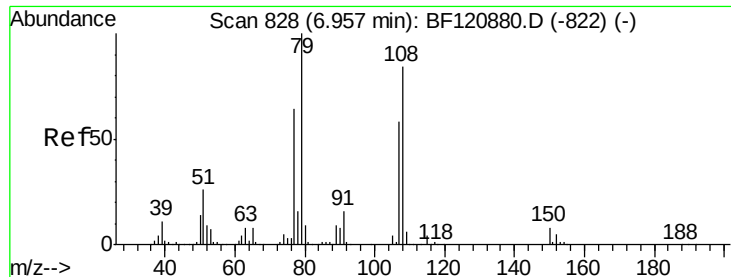


Abundance Ion 146.00 (145.70 to 146.70): E

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_F

ClientSampleId :

SSTDIC060

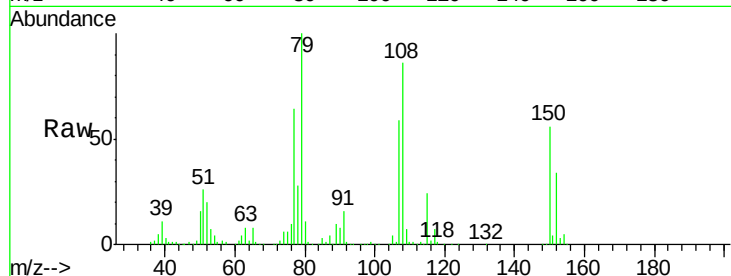
Tot Ion: 79 Resp: 483136

Ion Ratio Lower Upper

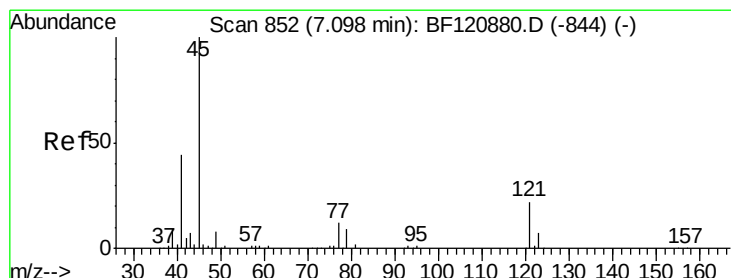
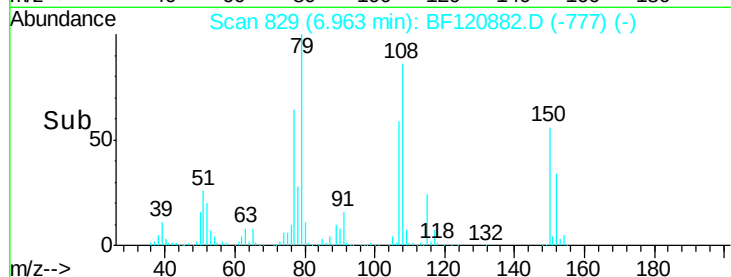
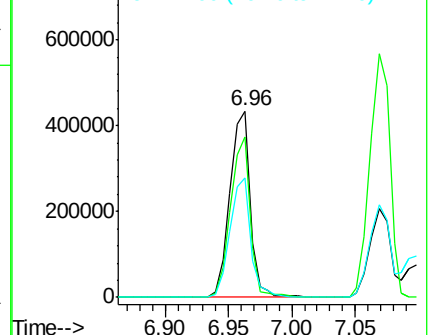
79 100

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

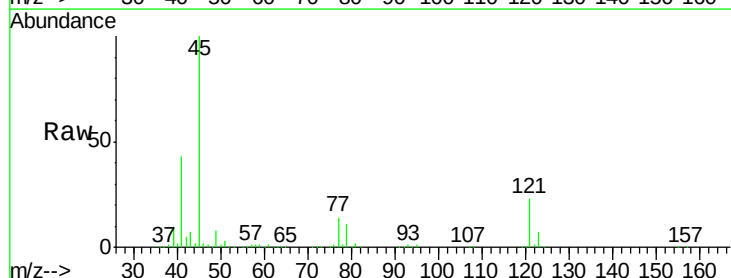
Tgt Ion: 45 Resp: 854257

Ion Ratio Lower Upper

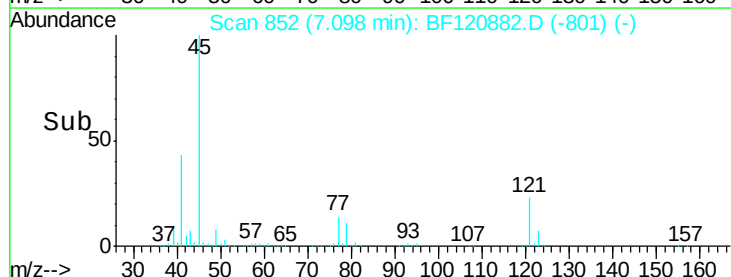
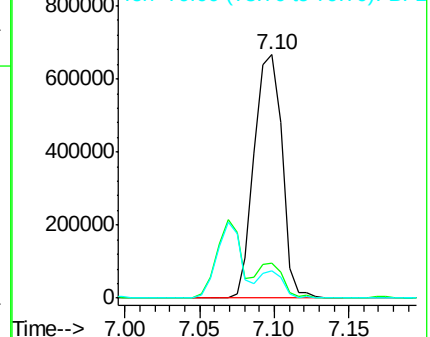
45 100

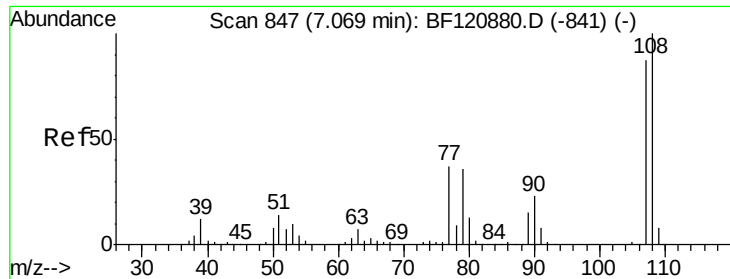
77 14.4 0.0 34.3

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

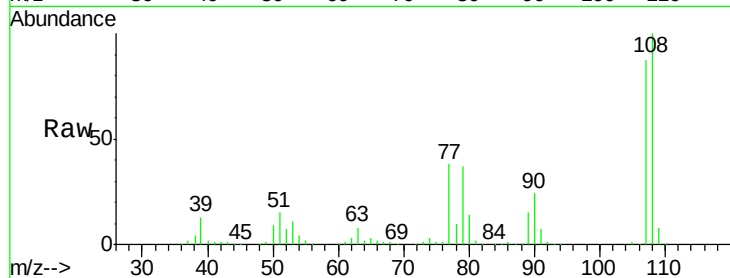




#17
2-Methylphenol
Concen: 53.387 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF120882.D
Acq: 16 Jul 2020 12:41

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

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



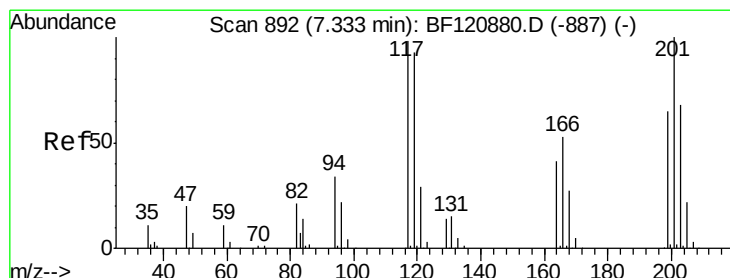
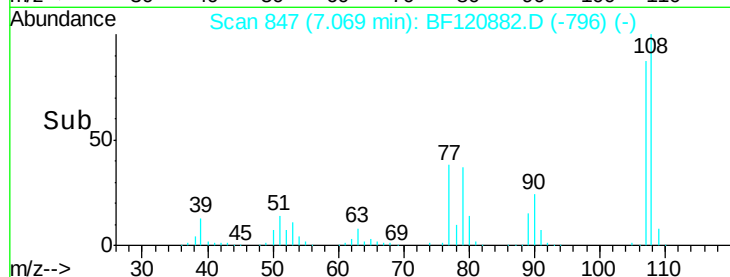
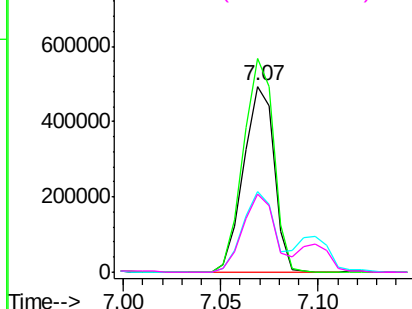
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

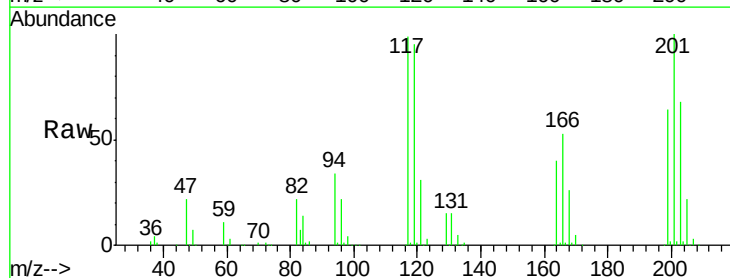
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 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

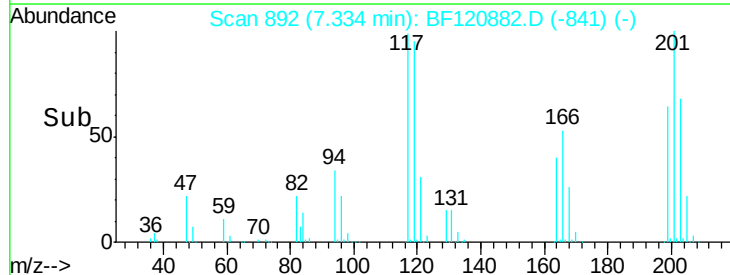
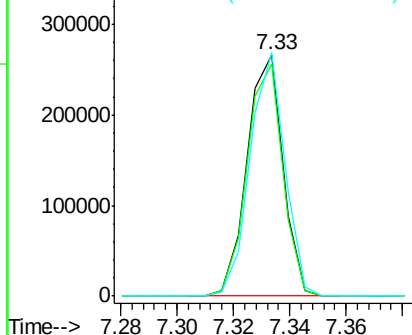


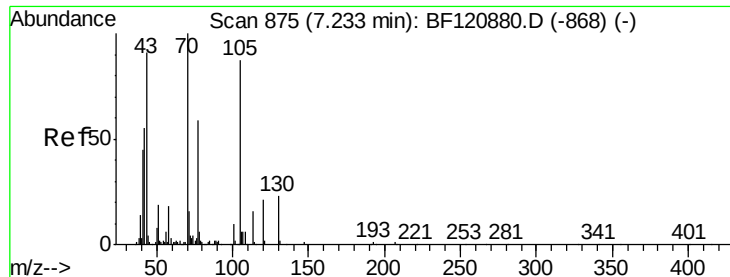
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

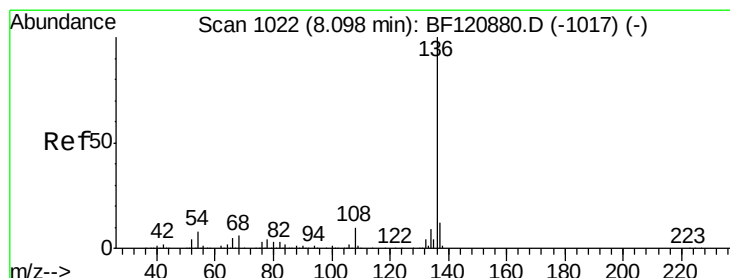
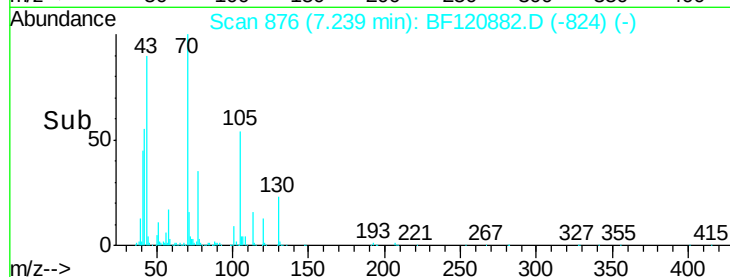
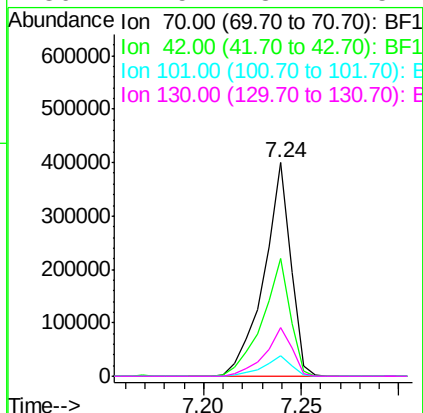
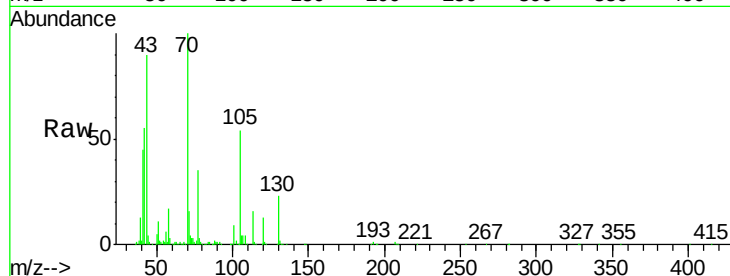




#19
n-Nitroso-di-n-propylamine
Concen: 46.964 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.01 min
Lab File: BF120882.D
Acq: 16 Jul 2020 12:41

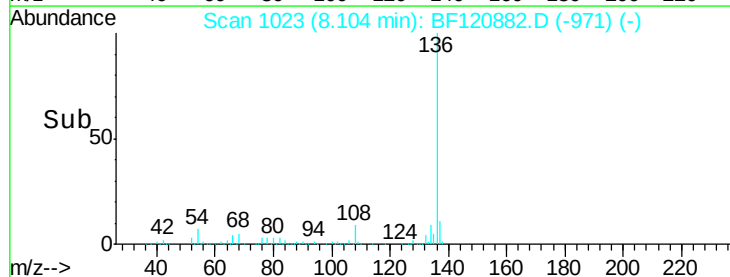
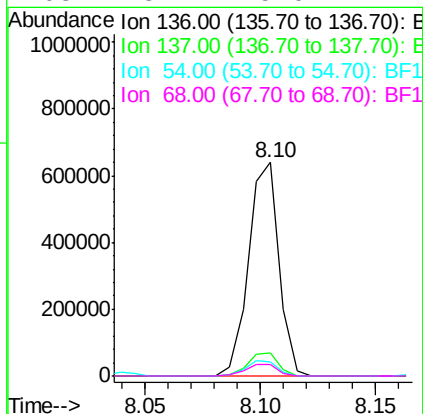
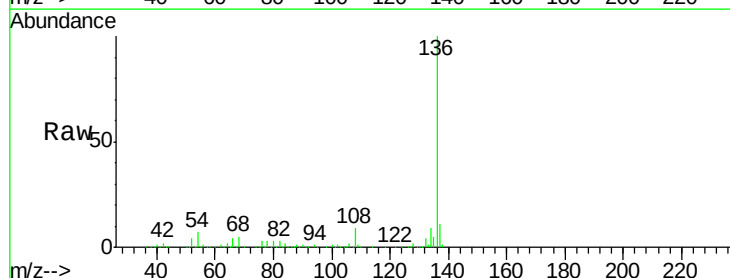
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

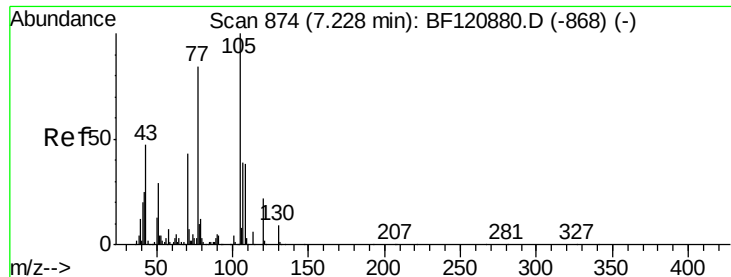
Tot Ion: 70 Resp: 380733
Ion Ratio Lower Upper
70 100
42 55.4 44.0 66.0
101 9.4 7.8 11.6
130 22.5 18.7 28.1



#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

Tgt 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

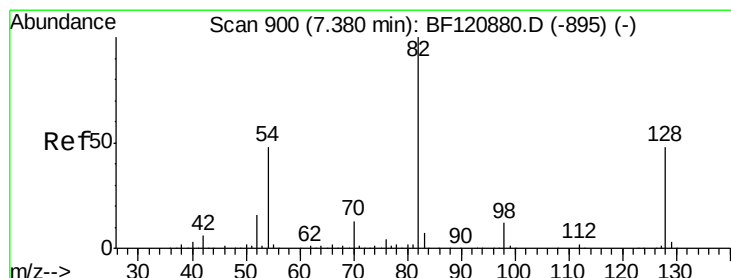
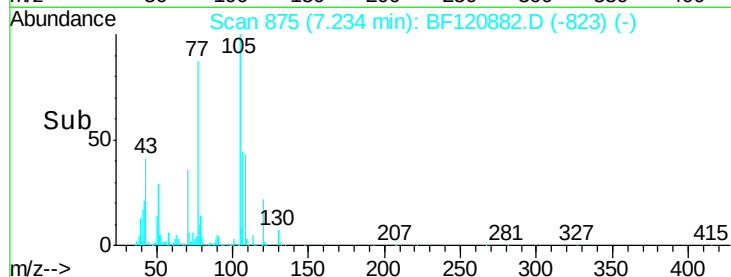
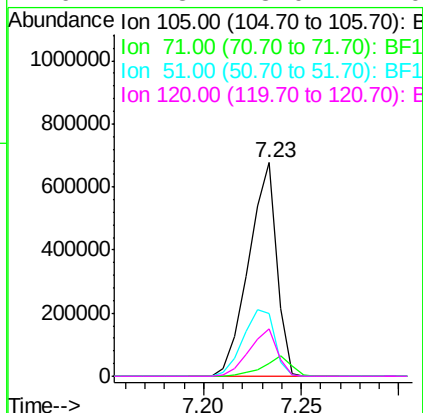
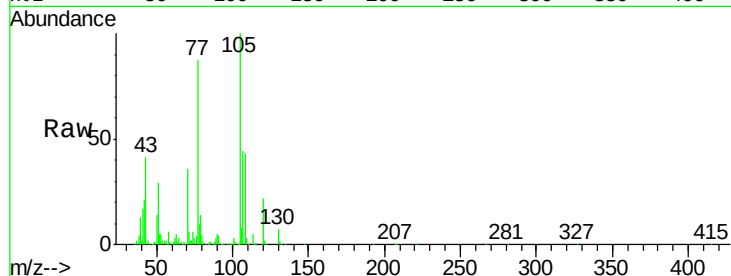




#22
Acetophenone
Concen: 46.153 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.01 min
Lab File: BF120882.D
Acq: 16 Jul 2020 12:41

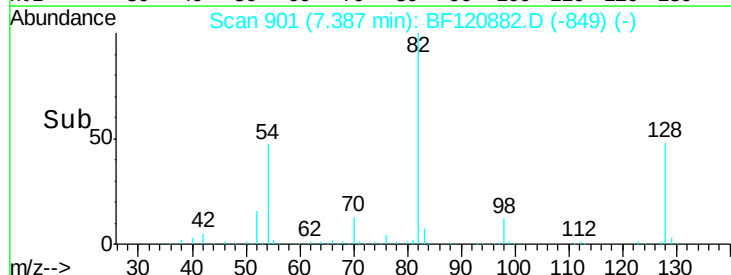
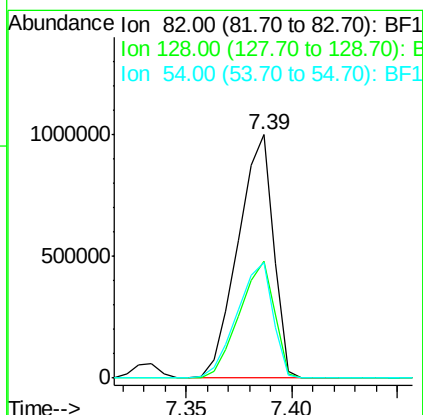
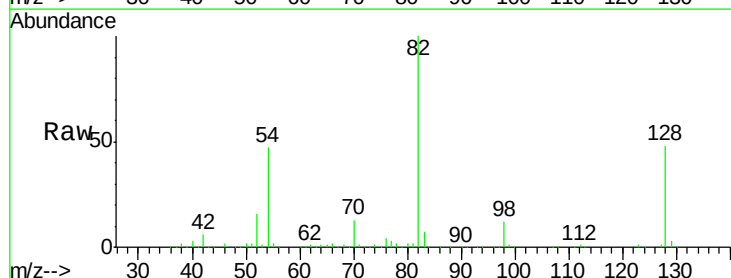
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

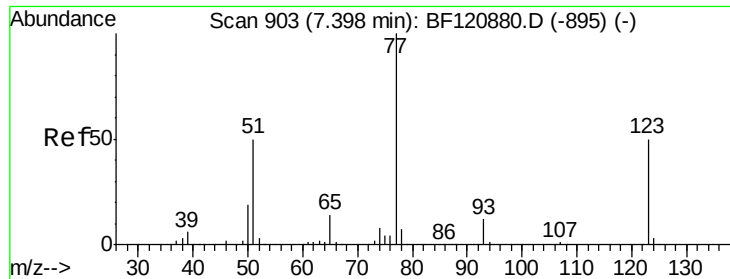
Tot Ion:105 Resp: 675728
Ion Ratio Lower Upper
105 100
71 5.8 5.7 8.5
51 29.4 22.9 34.3
120 22.3 18.0 27.0



#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

Tgt 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

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

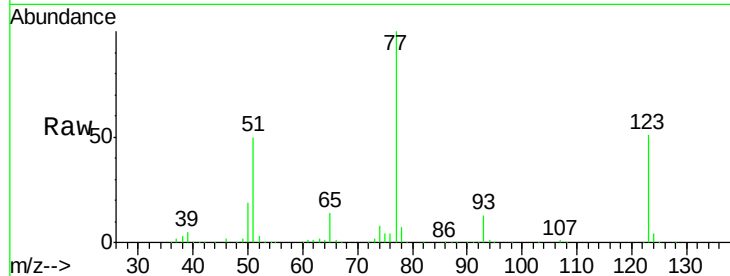
Tot Ion: 77 Resp: 621971

Ion Ratio Lower Upper

77 100

123 51.2 40.1 60.1

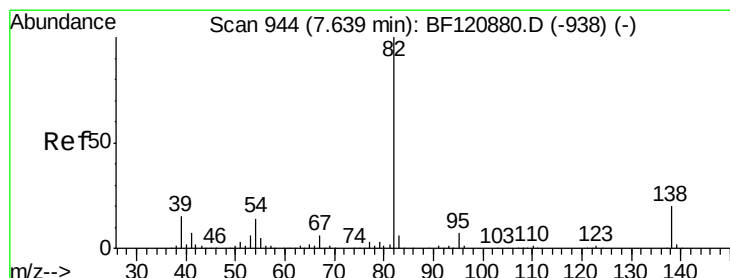
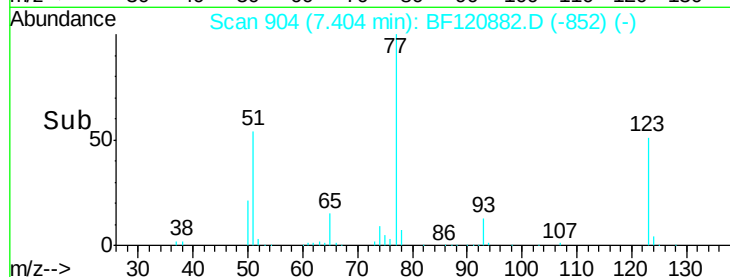
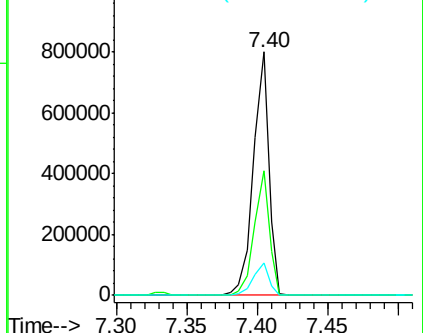
65 13.5 10.8 16.2



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1



#25

Isophorone

Concen: 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

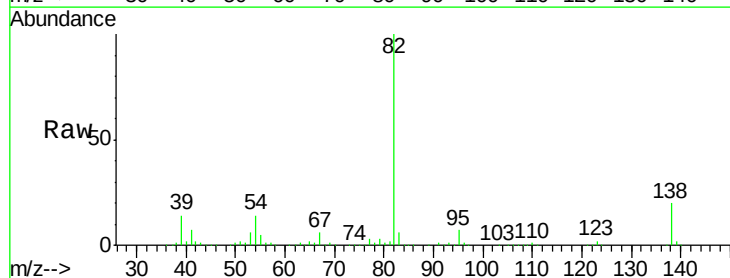
Tgt Ion: 82 Resp: 1141156

Ion Ratio Lower Upper

82 100

95 7.1 5.5 8.3

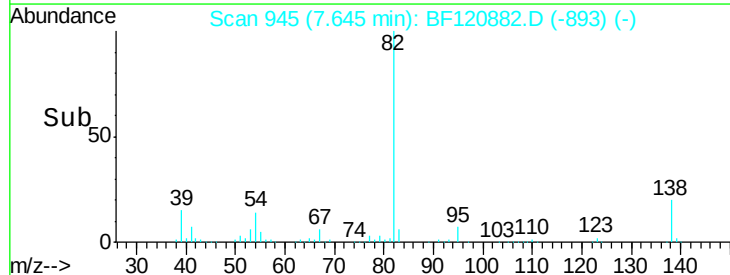
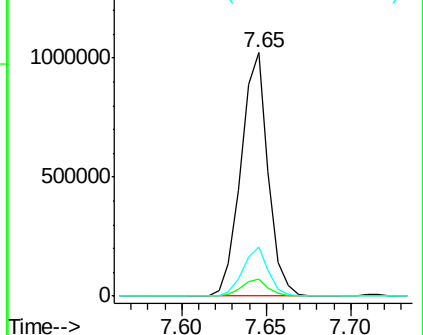
138 20.0 15.6 23.4

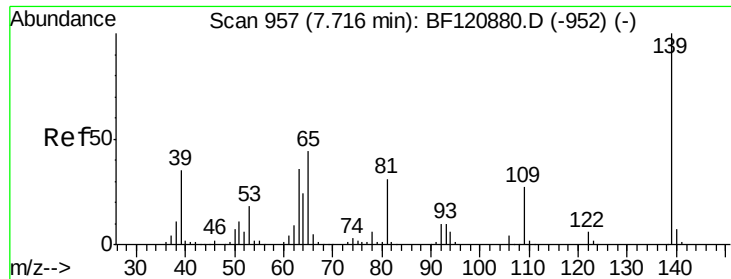


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

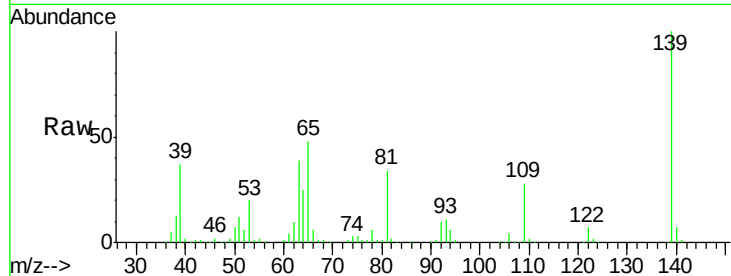




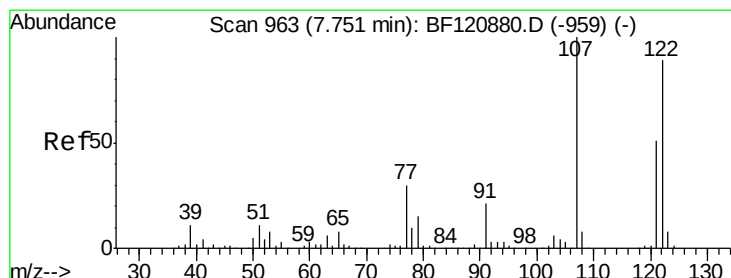
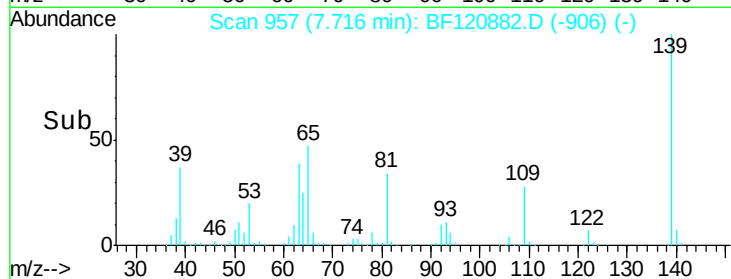
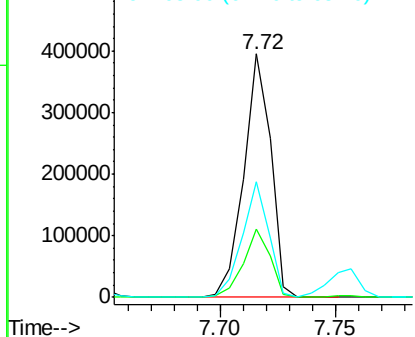
#26
2-Nitrophenol
Concen: 77.346 ng
RT: 7.72 min Scan# 957
Delta R.T. 0.00 min
Lab File: BF120882.D
Acq: 16 Jul 2020 12:41

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
139	100		
109	27.8	21.6	32.4
65	47.6	35.3	52.9

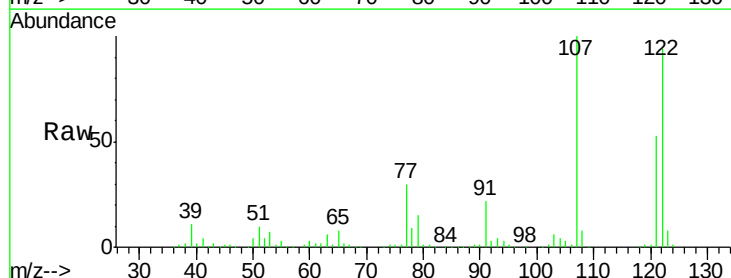


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

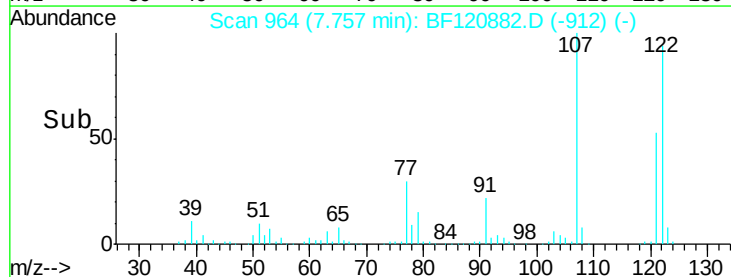
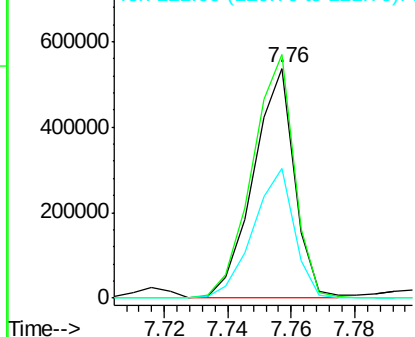


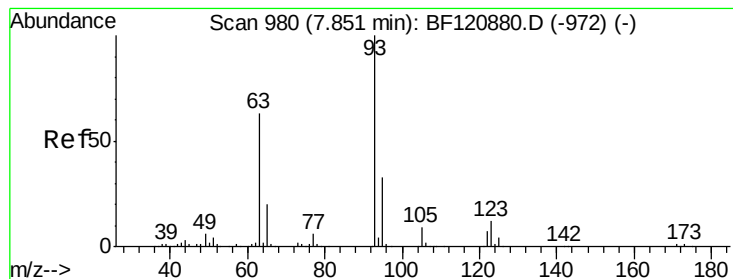
#27
2,4-Dimethylphenol
Concen: 54.960 ng
RT: 7.76 min Scan# 964
Delta R.T. 0.01 min
Lab File: BF120882.D
Acq: 16 Jul 2020 12:41

Tgt 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

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

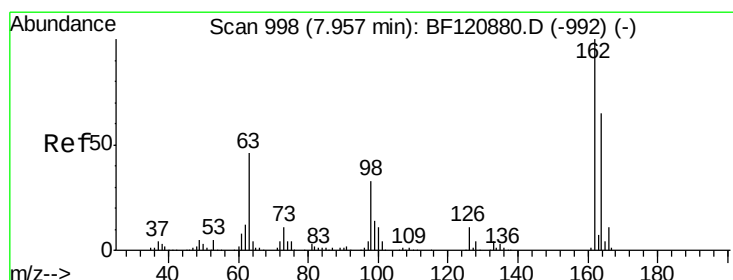
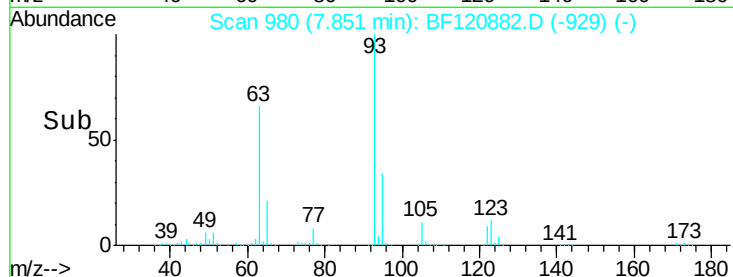
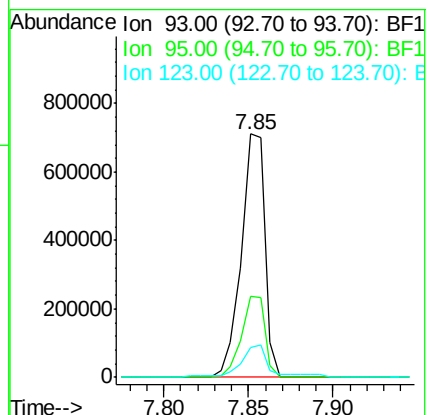
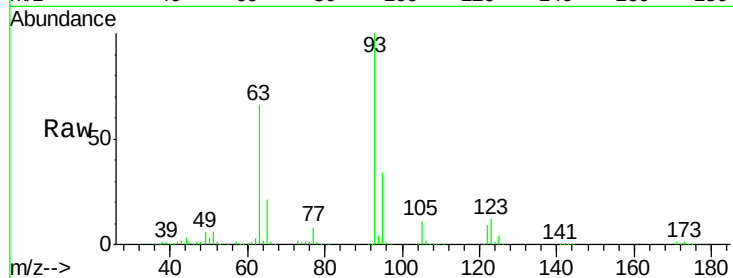
Tot Ion: 93 Resp: 691721

Ion Ratio Lower Upper

93 100

95 33.5 26.6 39.8

123 12.2 10.0 15.0



#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

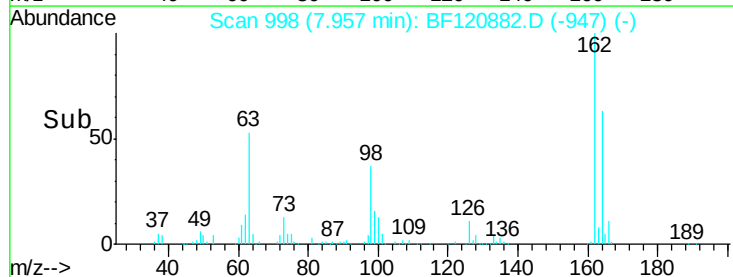
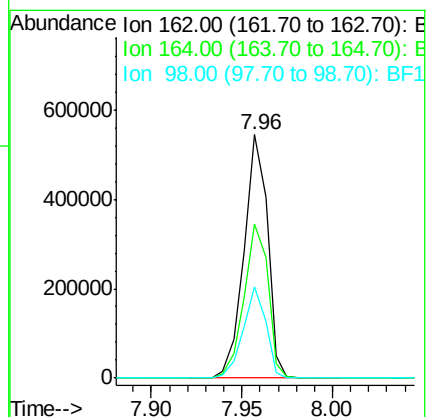
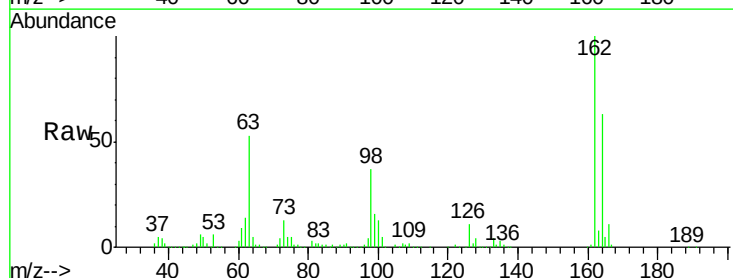
Tgt Ion:162 Resp: 492033

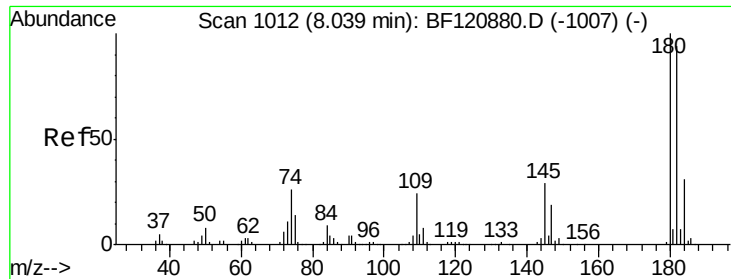
Ion Ratio Lower Upper

162 100

164 63.5 45.3 85.3

98 37.4 13.3 53.3

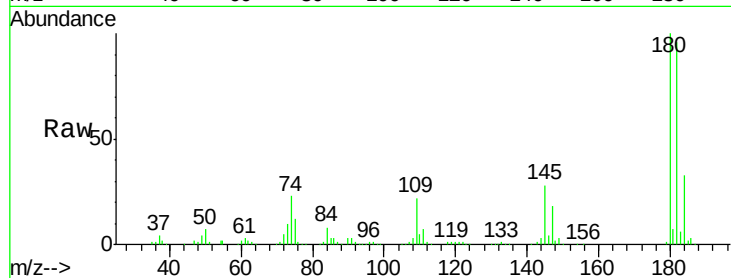




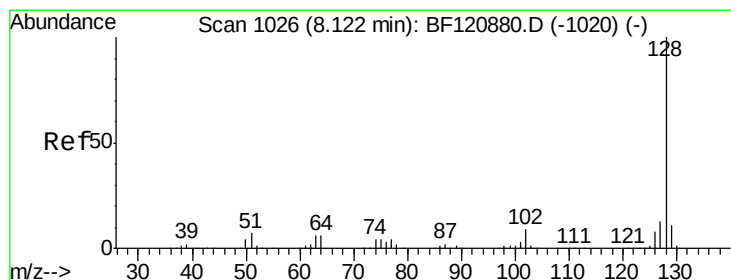
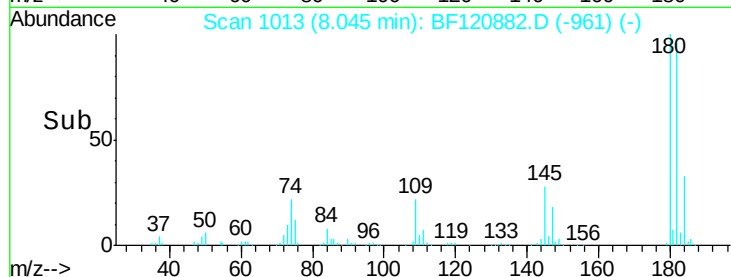
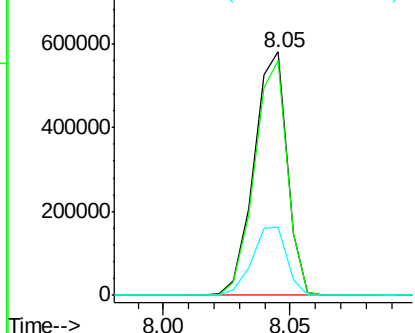
#30
 1,2,4-Trichlorobenzene
 Concen: 54.025 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. 0.01 min
 Lab File: BF120882.D
 Acq: 16 Jul 2020 12:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion:180 Resp: 530184
 Ion Ratio Lower Upper
 180 100
 182 96.5 75.0 112.6
 145 28.3 23.5 35.3

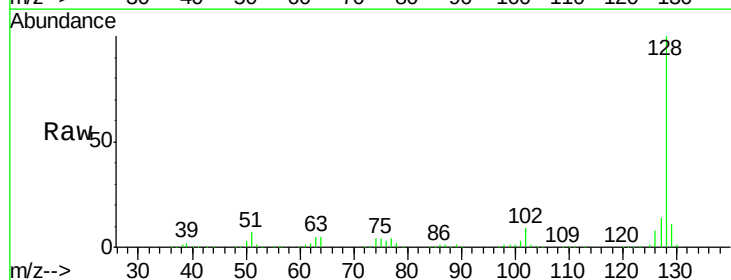


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

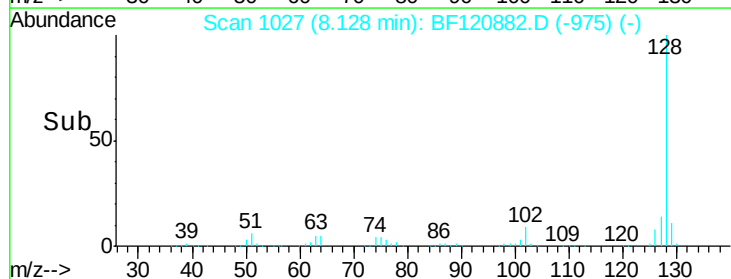
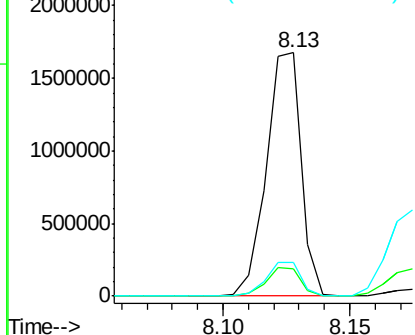


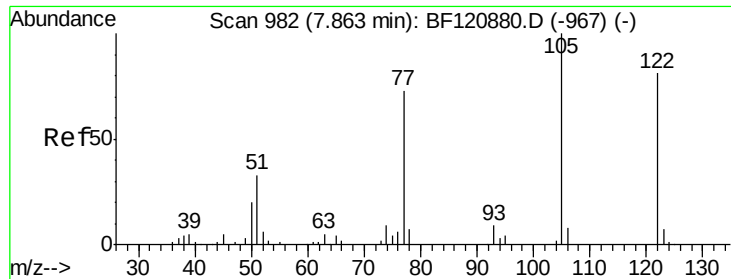
#31
 Naphthalene
 Concen: 51.291 ng
 RT: 8.13 min Scan# 1027
 Delta R.T. 0.01 min
 Lab File: BF120882.D
 Acq: 16 Jul 2020 12:41

Tgt 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

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

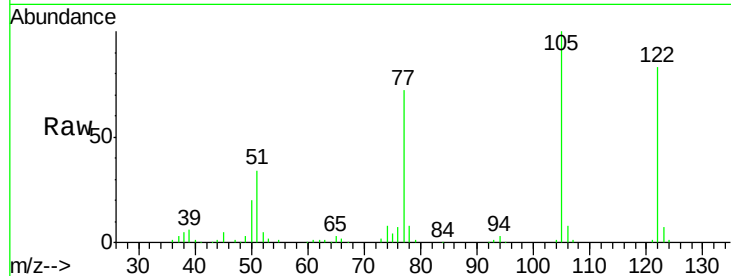
Tot Ion:122 Resp: 397744

Ion Ratio Lower Upper

122 100

105 119.8 101.3 141.3

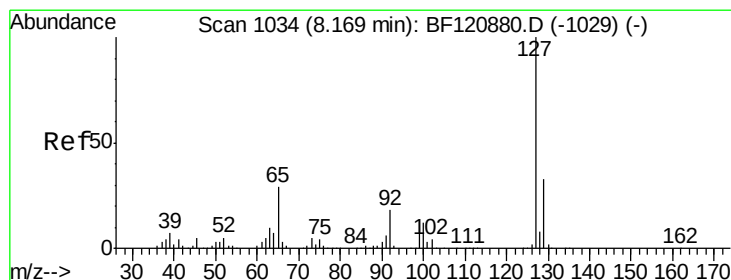
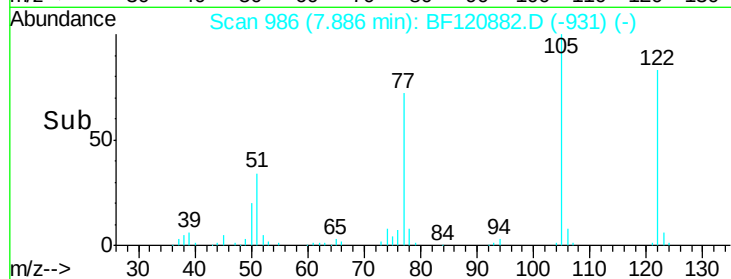
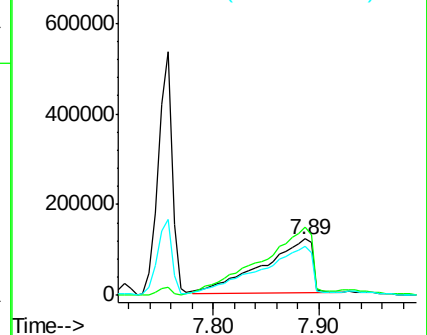
77 86.4 69.1 109.1



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

Tgt Ion:127 Resp: 775042

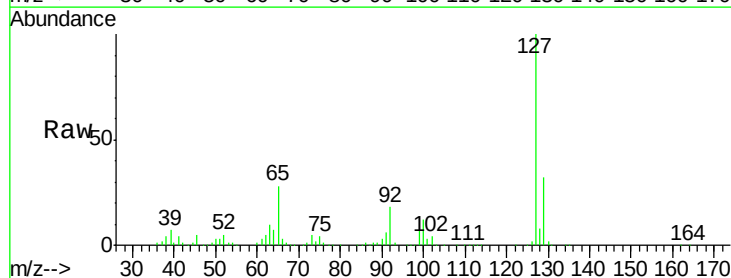
Ion Ratio Lower Upper

127 100

129 32.4 26.5 39.7

65 28.0 23.0 34.4

92 18.0 14.5 21.7

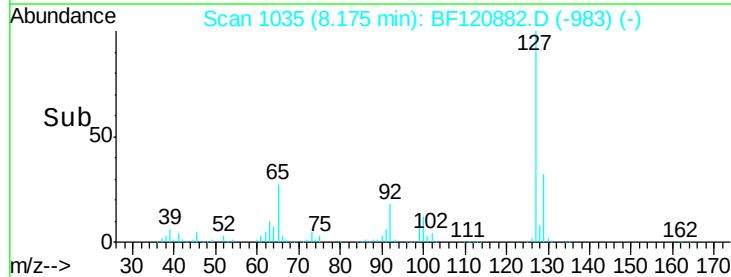
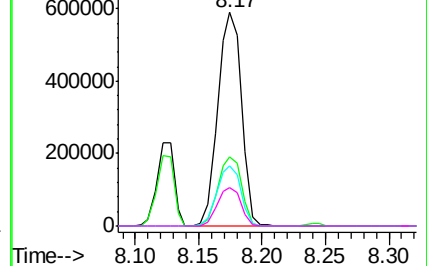


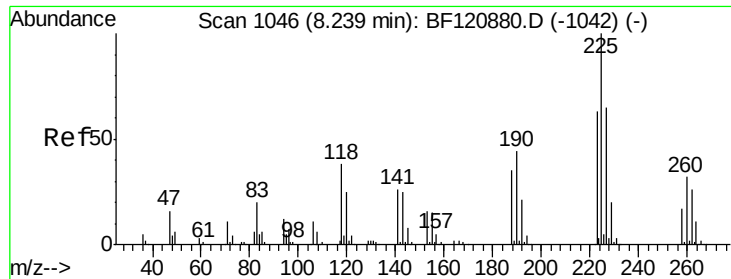
Abundance Ion 127.00 (126.70 to 127.70): E

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

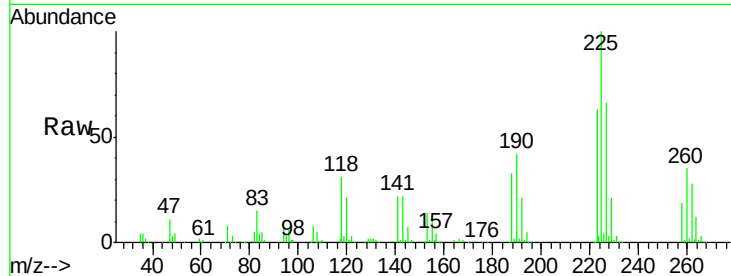




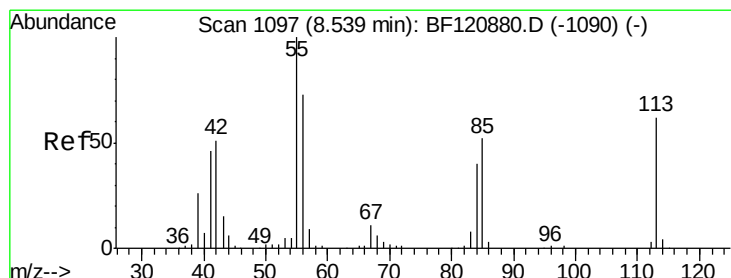
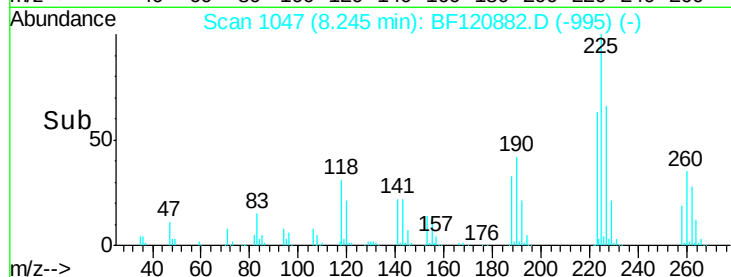
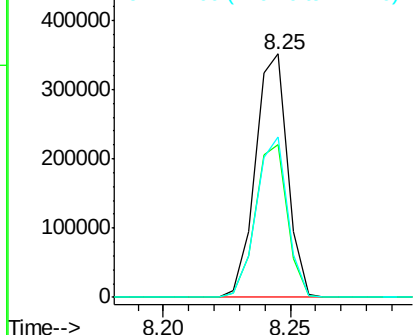
#34
Hexachlorobutadiene
Concen: 52.467 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.01 min
Lab File: BF120882.D
Acq: 16 Jul 2020 12:41

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.6	76.0
227	66.1	52.2	78.2

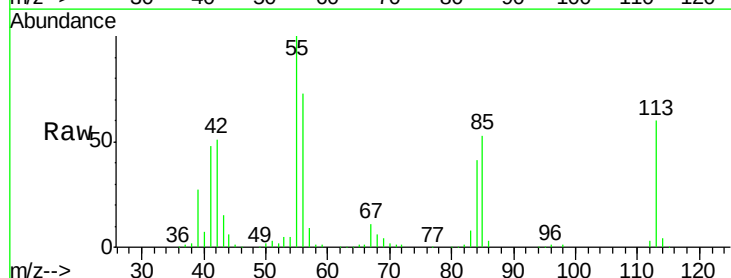


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

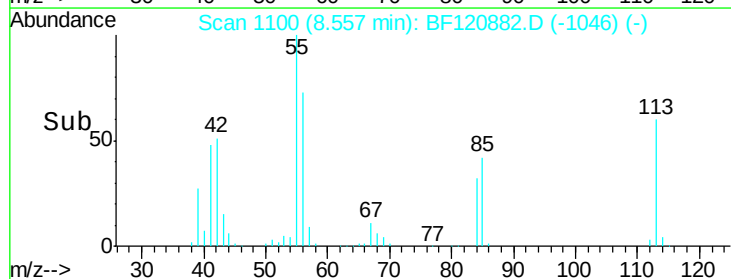
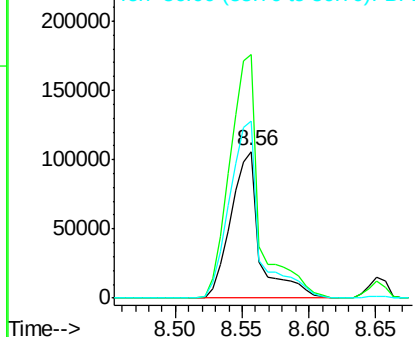


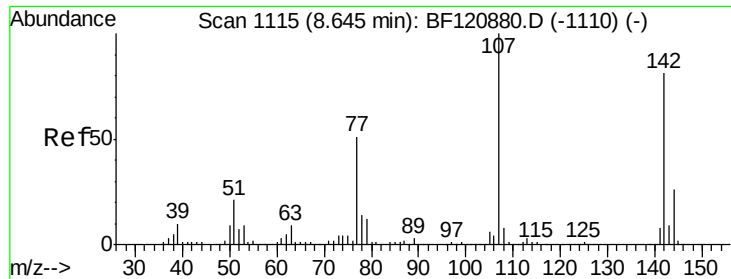
#35
Caprolactam
Concen: 64.114 ng
RT: 8.56 min Scan# 1100
Delta R.T. 0.02 min
Lab File: BF120882.D
Acq: 16 Jul 2020 12:41

Tgt 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

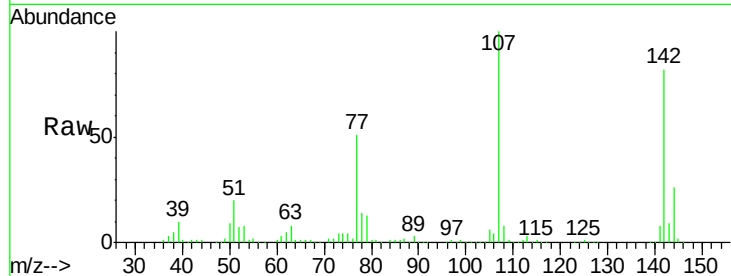




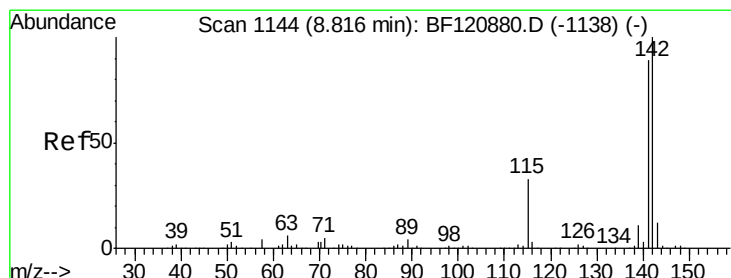
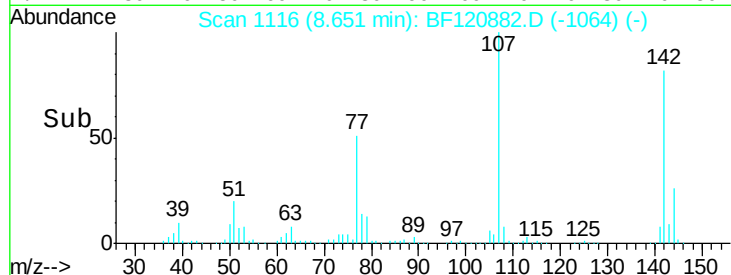
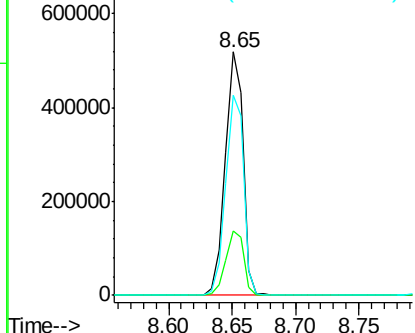
#36
 4-Chloro-3-methylphenol
 Concen: 55.565 ng
 RT: 8.65 min Scan# 1116
 Delta R.T. 0.01 min
 Lab File: BF120882.D
 Acq: 16 Jul 2020 12:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion:107 Resp: 505012
 Ion Ratio Lower Upper
 107 100
 144 26.4 21.0 31.6
 142 82.2 65.0 97.6

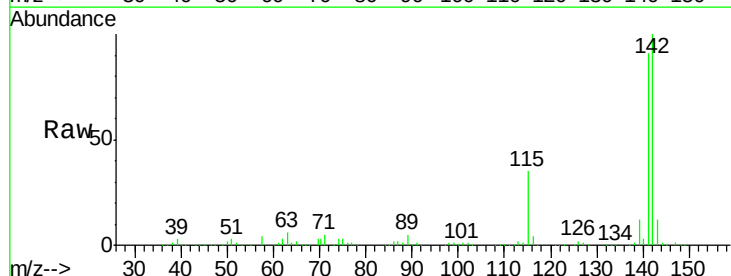


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

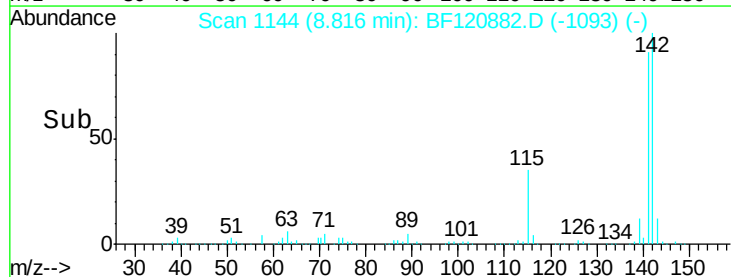
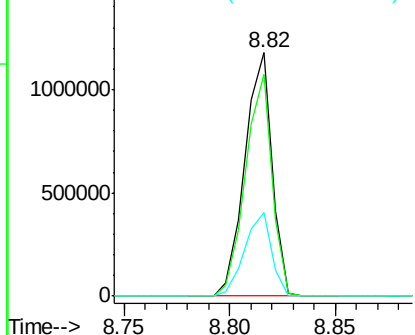


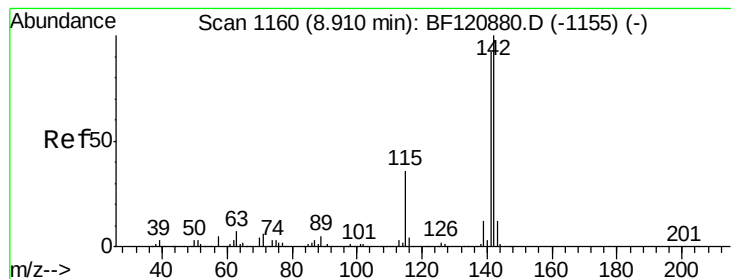
#37
 2-Methylnaphthalene
 Concen: 51.523 ng
 RT: 8.82 min Scan# 1144
 Delta R.T. 0.00 min
 Lab File: BF120882.D
 Acq: 16 Jul 2020 12:41

Tgt 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

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

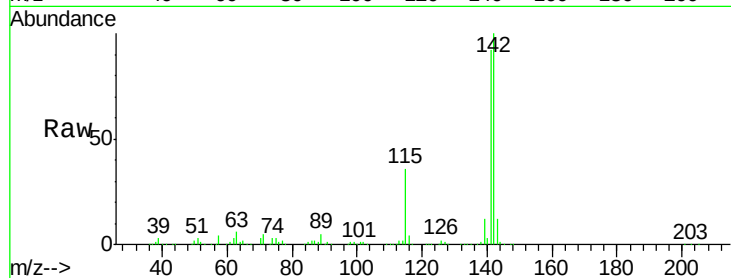
Tot Ion:142 Resp: 1009215

Ion Ratio Lower Upper

142 100

141 92.3 73.7 110.5

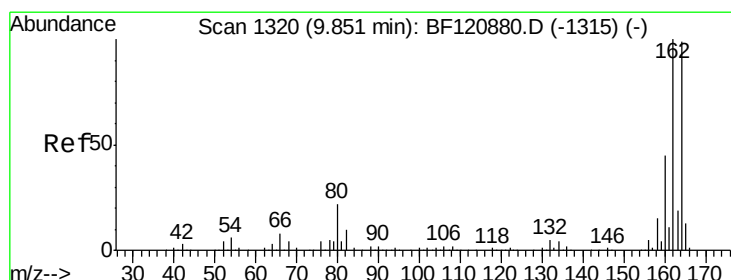
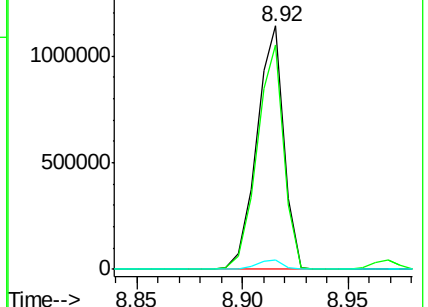
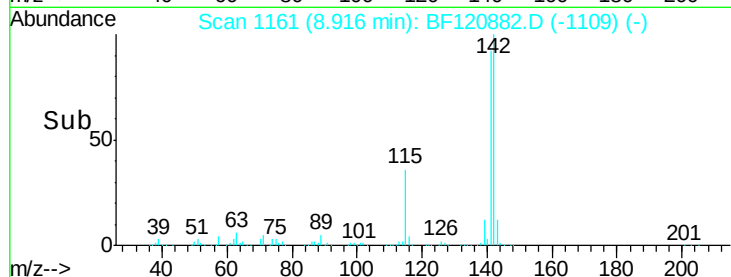
116 3.7 3.0 4.6



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

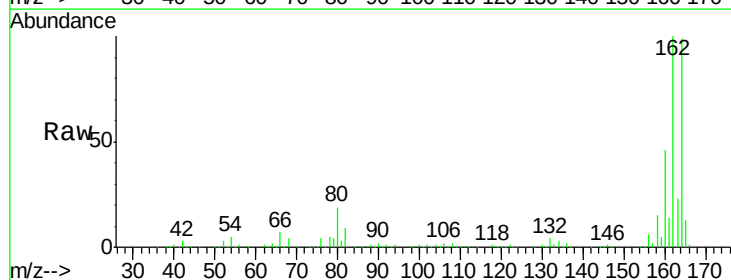
Tgt Ion:164 Resp: 304321

Ion Ratio Lower Upper

164 100

162 100.9 81.2 121.8

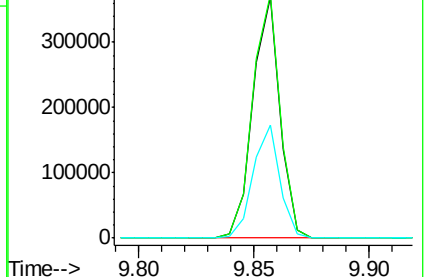
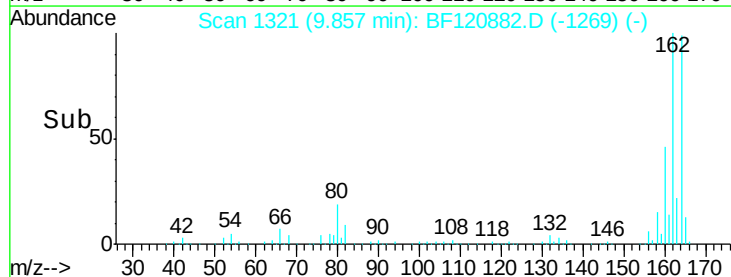
160 46.9 36.9 55.3

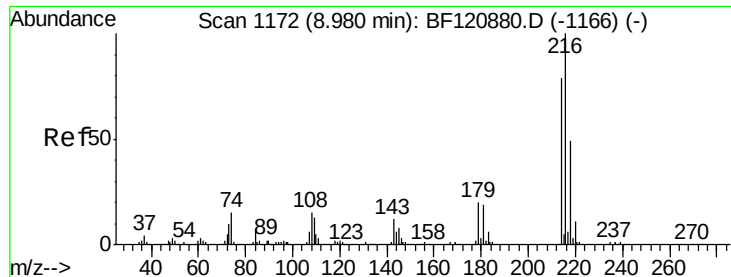


Abundance Ion 164.00 (163.70 to 164.70): E

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

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:216 Resp: 485822

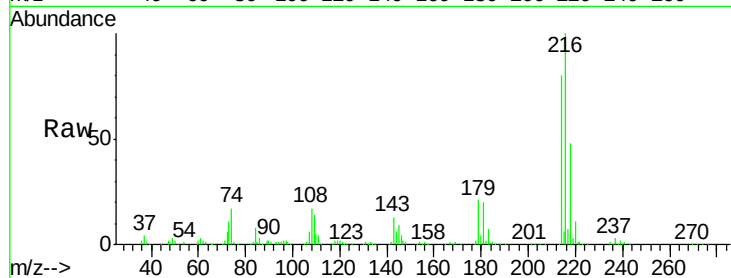
Ion Ratio Lower Upper

216 100

214 80.1 63.8 95.8

179 20.8 16.6 24.8

108 18.9 15.4 23.0

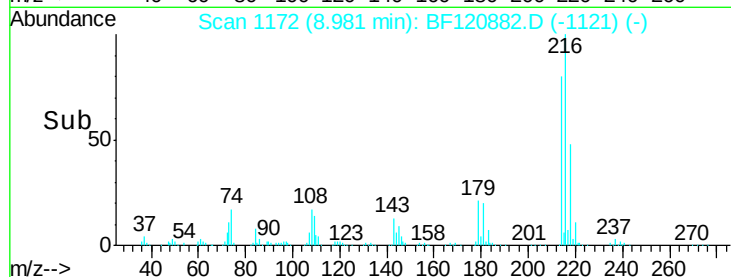


Abundance Ion 216.00 (215.70 to 216.70): E

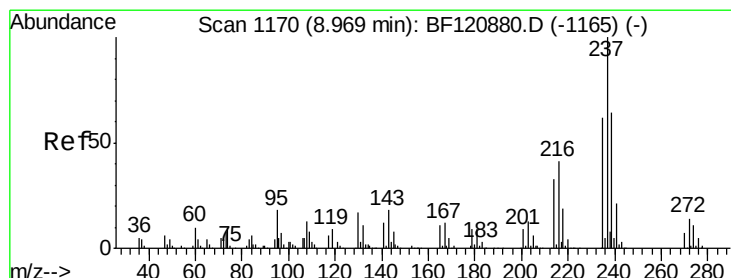
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#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

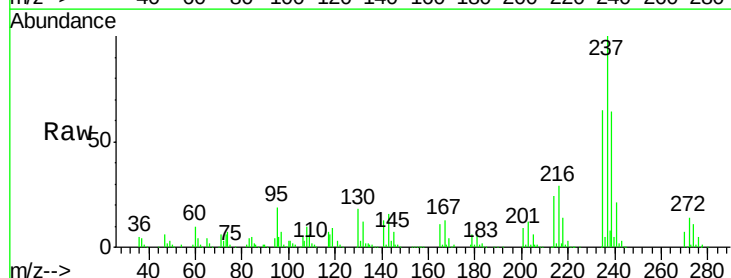
Tgt Ion:237 Resp: 292121

Ion Ratio Lower Upper

237 100

235 64.5 41.6 81.6

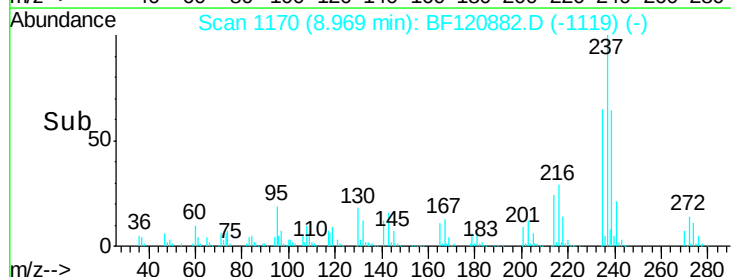
272 14.1 0.0 33.7



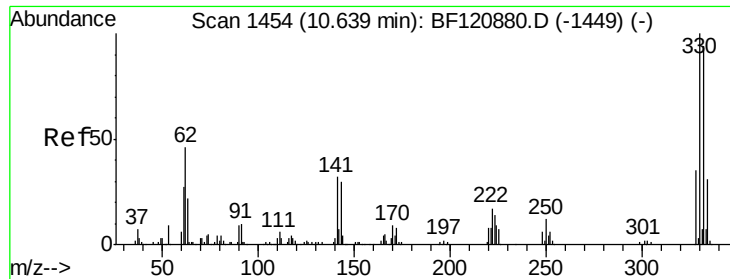
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->



#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

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

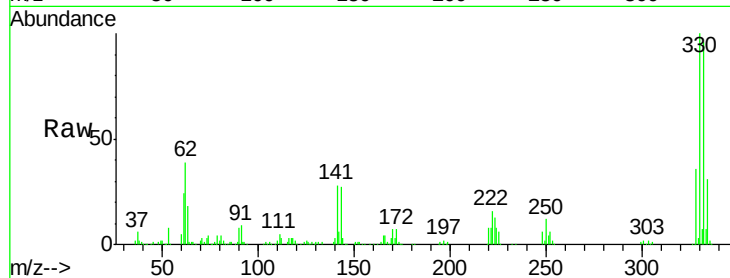
Tot Ion:330 Resp: 371957

Ion Ratio Lower Upper

330 100

332 94.7 75.5 113.3

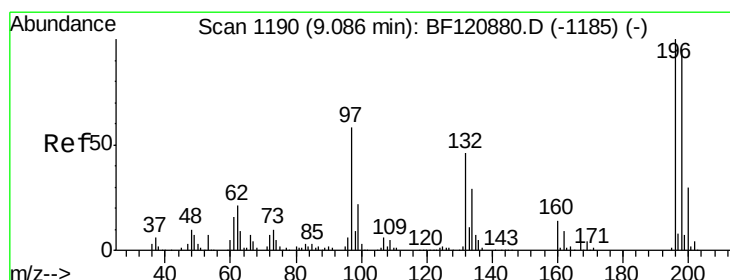
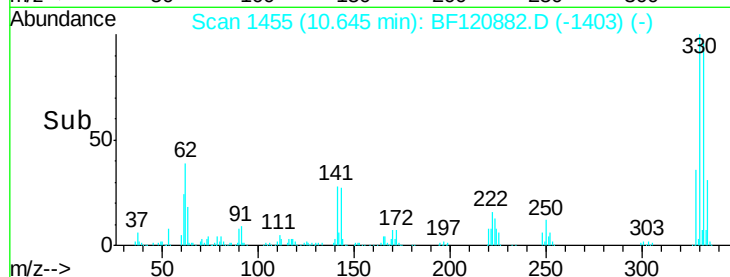
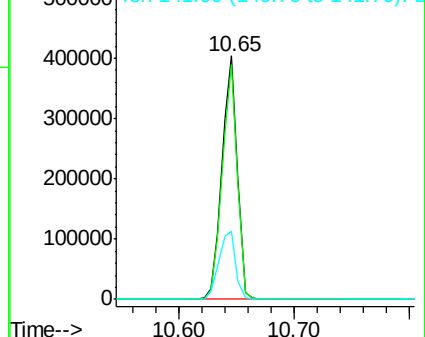
141 30.5 25.7 38.5



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

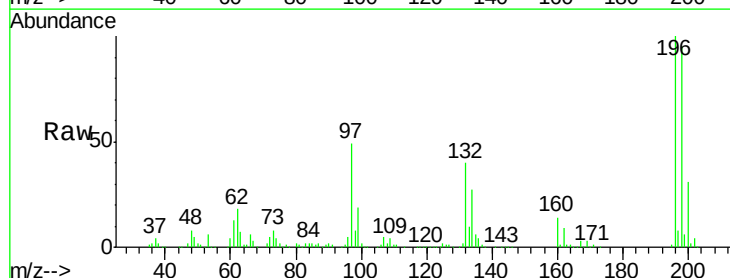
Tgt Ion:196 Resp: 362311

Ion Ratio Lower Upper

196 100

198 94.7 75.7 113.5

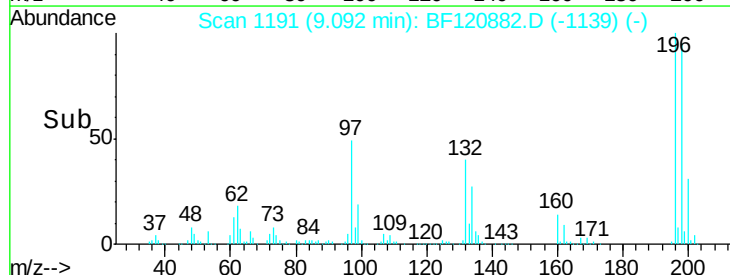
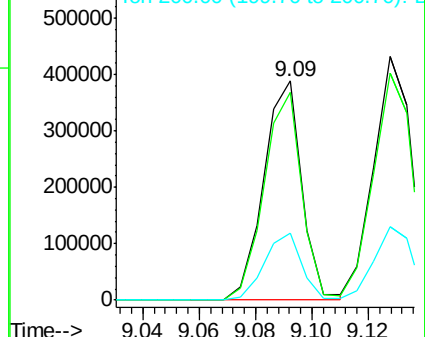
200 30.6 24.4 36.6

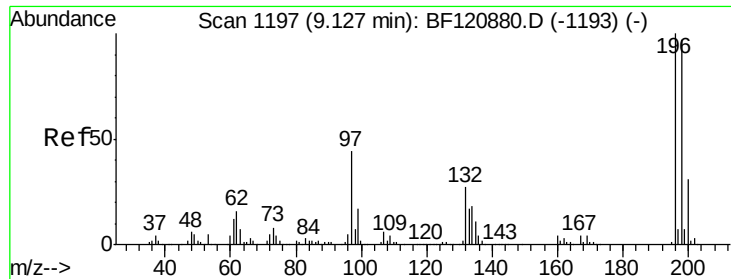


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

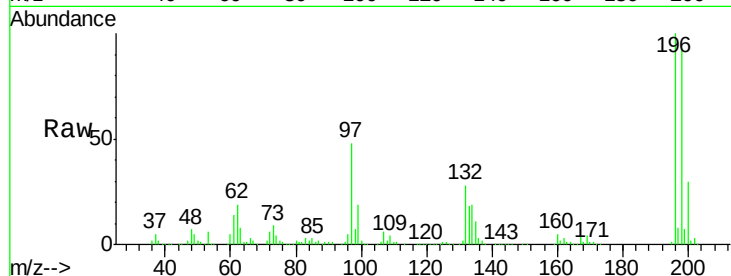




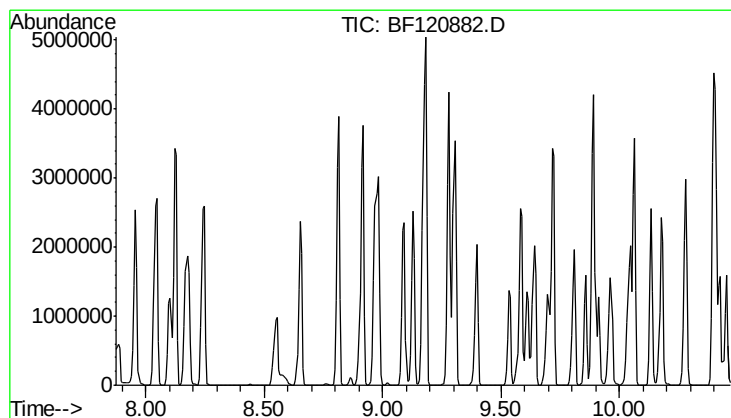
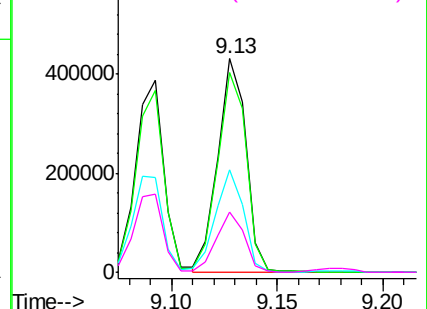
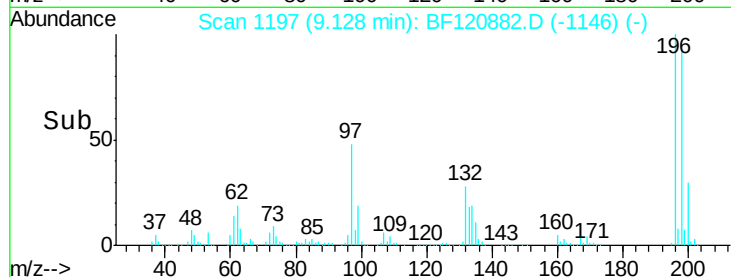
#44
 2,4,5-Trichlorophenol
 Concen: 57.795 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF120882.D
 Acq: 16 Jul 2020 12:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot 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

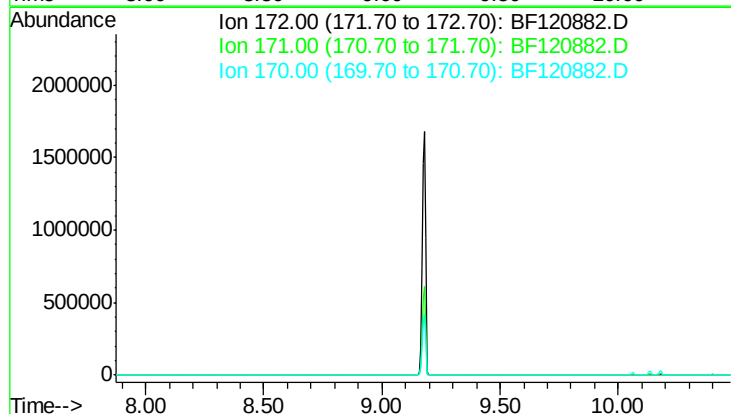


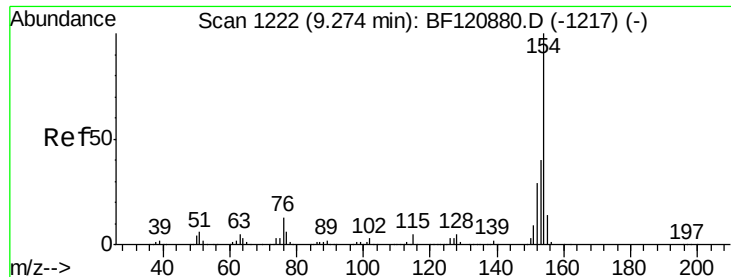
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E



#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 9.17 min
 Lab File: BF120882.D
 Acq: 16 Jul 2020 12:41

Tgt Ion:	172
Sig	Exp Ratio
172	100
171	36.2
170	24.5



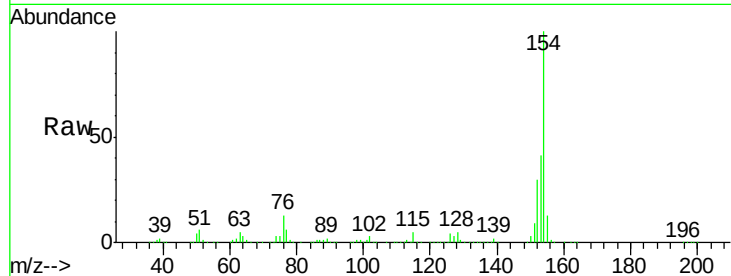


#46
 1,1'-Biphenyl
 Concen: 50.293 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. 0.01 min
 Lab File: BF120882.D
 Acq: 16 Jul 2020 12:41

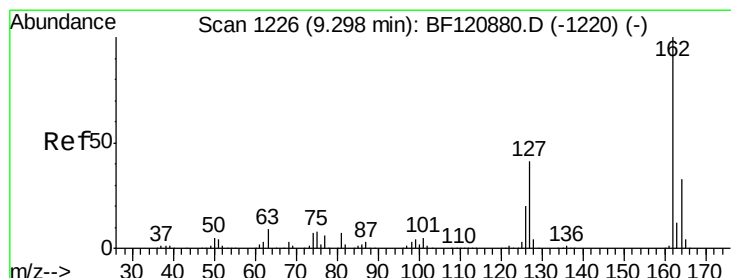
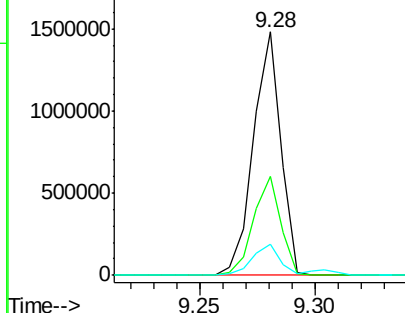
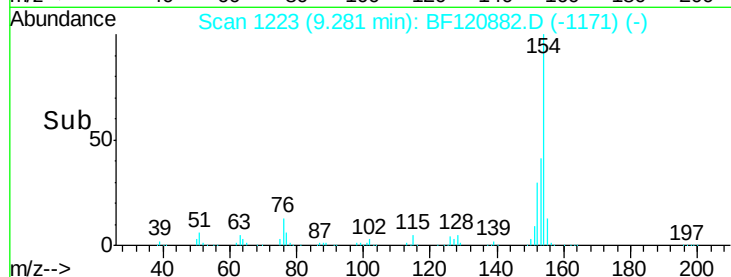
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion:154 Resp: 1234557

Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.4	60.4
76	12.8	0.0	33.1



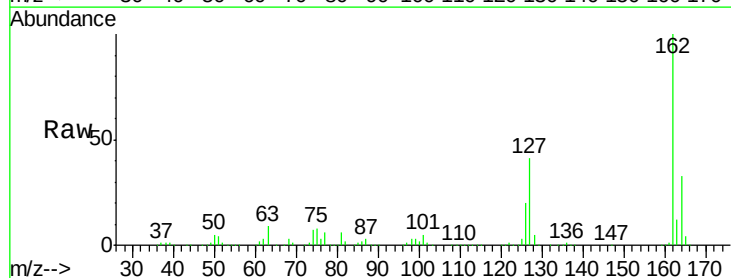
Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1



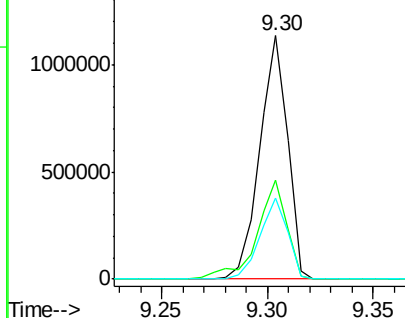
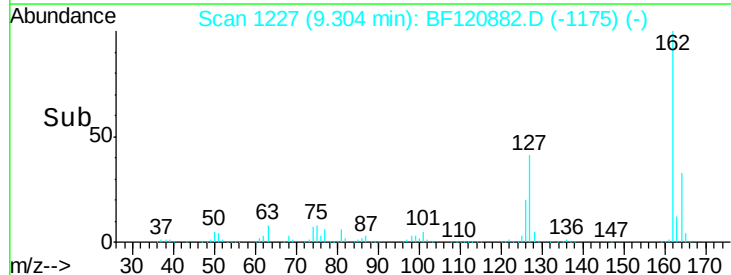
#47
 2-Chloronaphthalene
 Concen: 52.742 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. 0.01 min
 Lab File: BF120882.D
 Acq: 16 Jul 2020 12:41

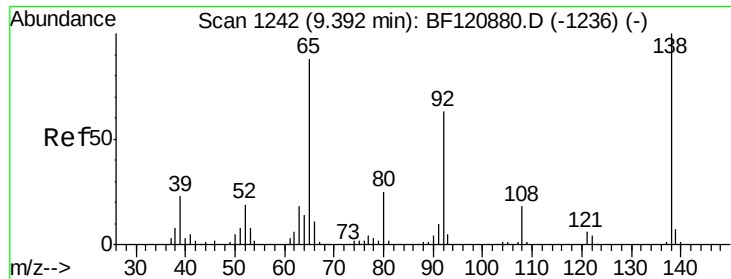
Tgt Ion:162 Resp: 1037216

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

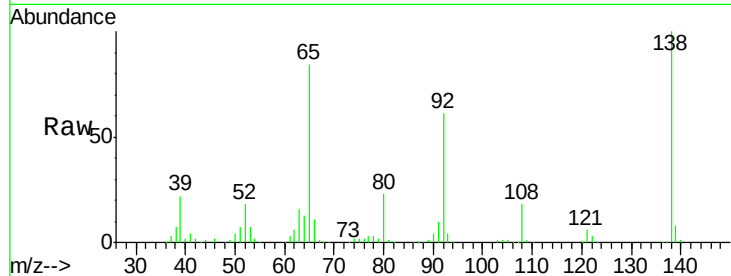




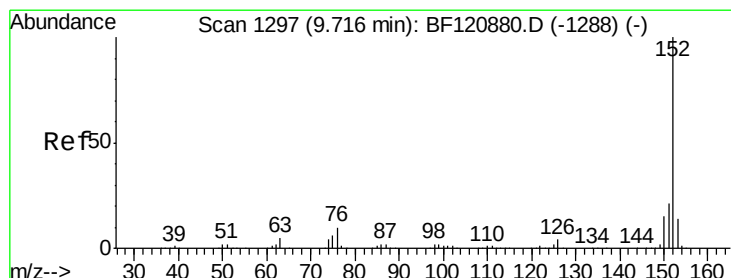
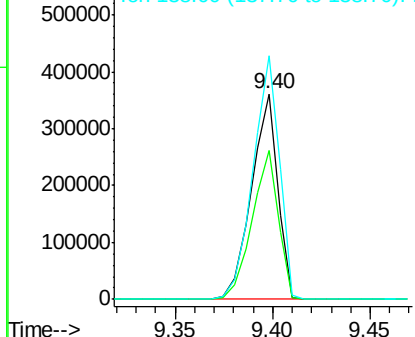
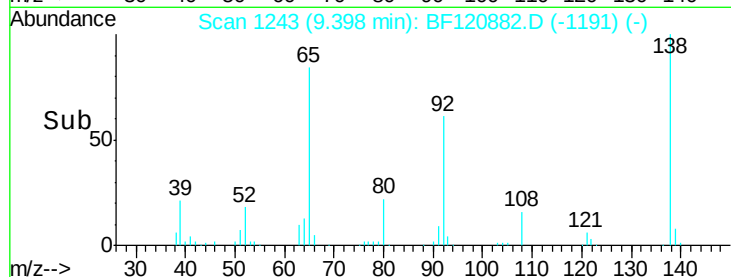
#48
2-Nitroaniline
Concen: 63.862 ng
RT: 9.40 min Scan# 1243
Delta R.T. 0.01 min
Lab File: BF120882.D
Acq: 16 Jul 2020 12:41

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion: 65 Resp: 336023
Ion Ratio Lower Upper
65 100
92 72.2 57.0 85.4
138 118.5 90.4 135.6

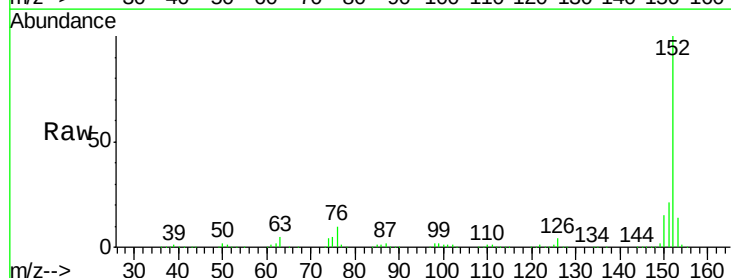


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

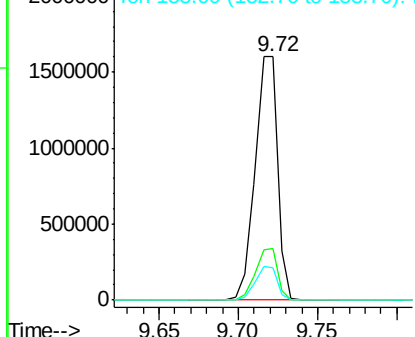
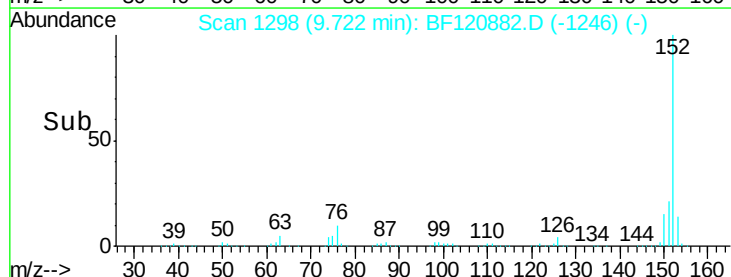


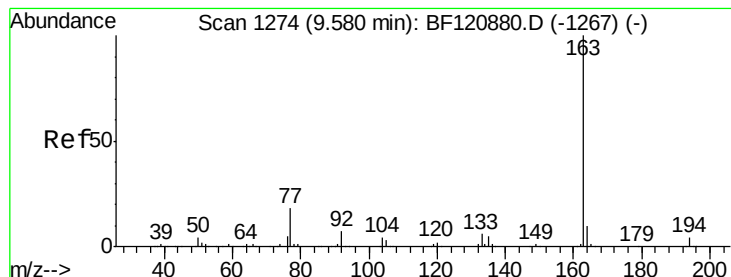
#49
Acenaphthylene
Concen: 51.468 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.01 min
Lab File: BF120882.D
Acq: 16 Jul 2020 12:41

Tgt 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

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

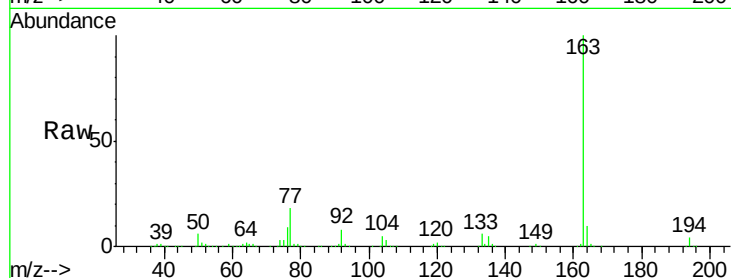
Tot Ion:163 Resp: 1208960

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

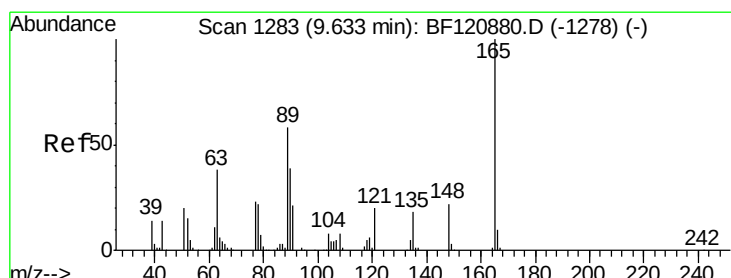
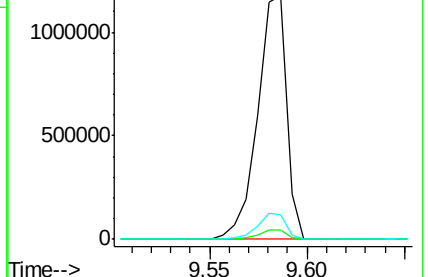
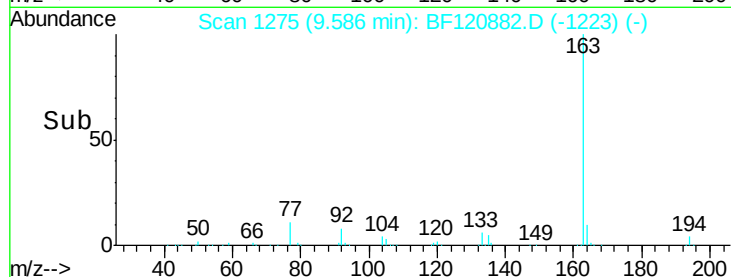
164 10.3 7.9 11.9



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

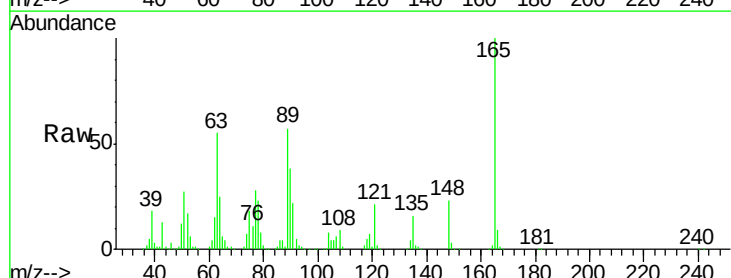
Tgt Ion:165 Resp: 284116

Ion Ratio Lower Upper

165 100

63 54.5 45.4 68.2

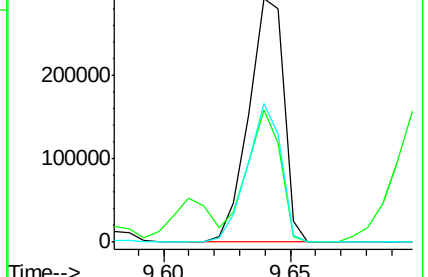
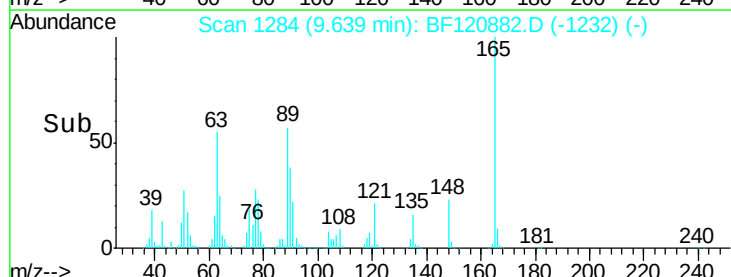
89 57.0 47.0 70.4

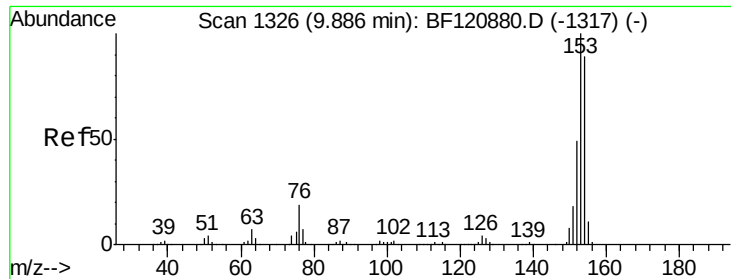


Abundance Ion 165.00 (164.70 to 165.70): E

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

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

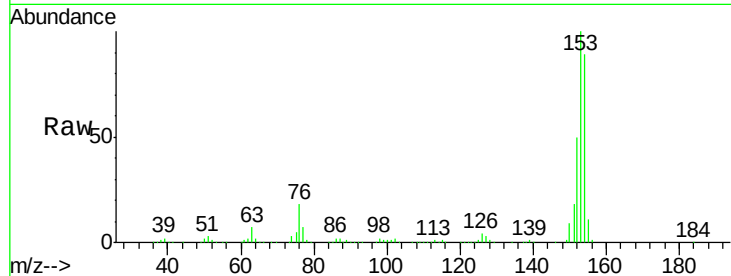
Tot Ion:154 Resp: 1023317

Ion Ratio Lower Upper

154 100

153 111.9 89.5 134.3

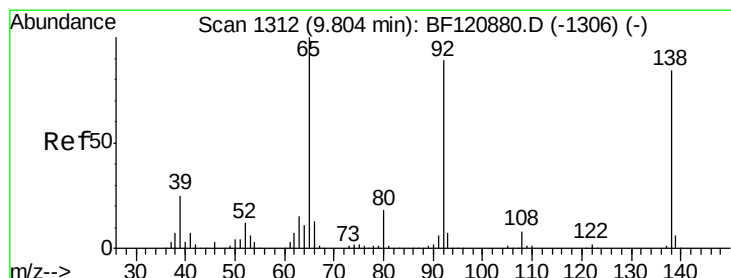
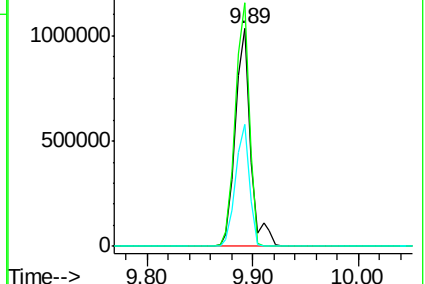
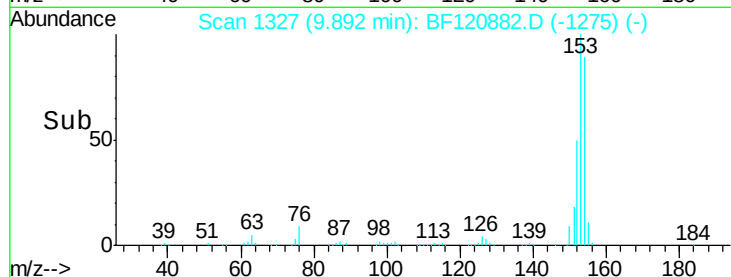
152 55.9 44.2 66.2



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

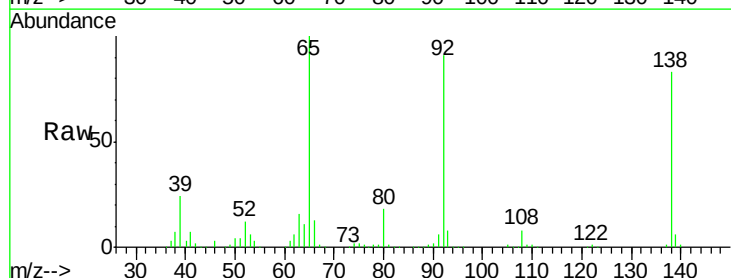
Tgt Ion:138 Resp: 349245

Ion Ratio Lower Upper

138 100

108 9.9 7.9 11.9

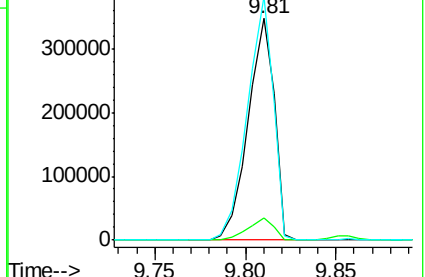
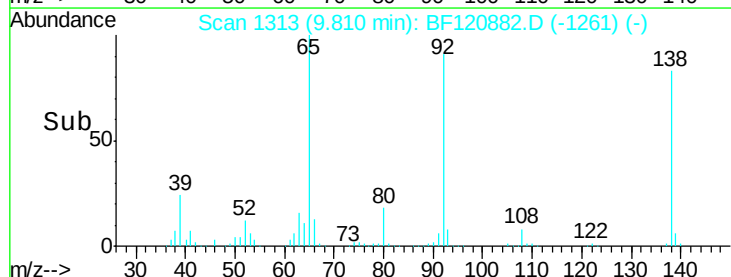
92 110.0 85.3 127.9

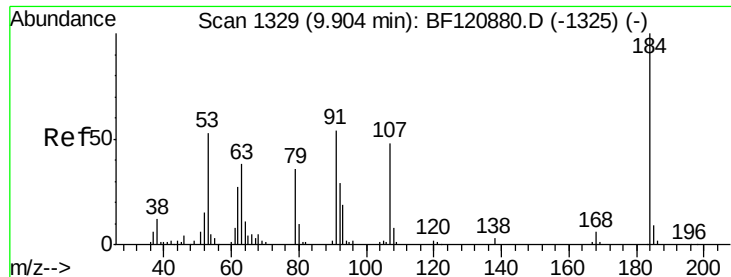


Abundance Ion 138.00 (137.70 to 138.70): E

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

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

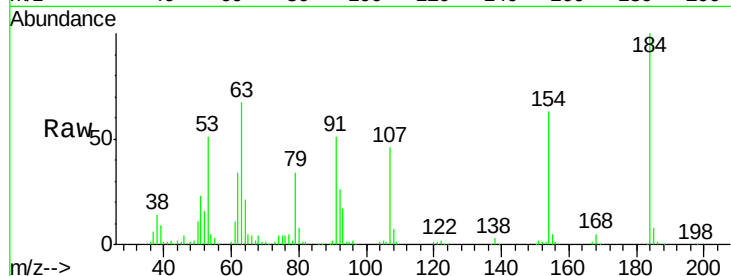
Tot Ion:184 Resp: 154040

Ion Ratio Lower Upper

184 100

63 67.4 57.9 86.9

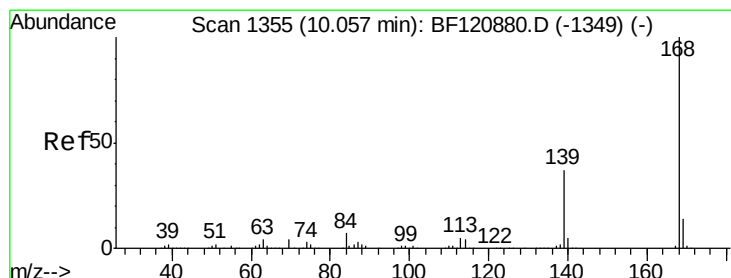
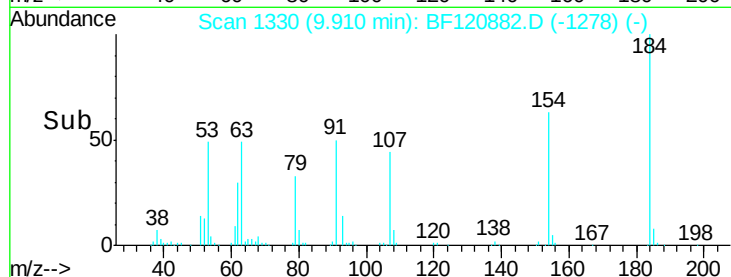
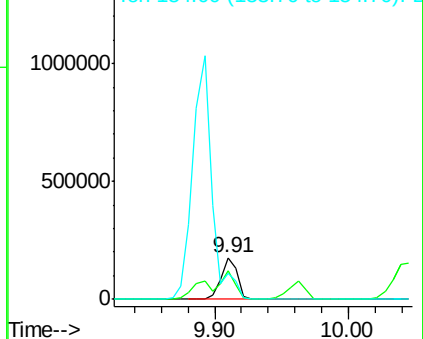
154 62.9 52.6 78.8



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

Dibenzofuran

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

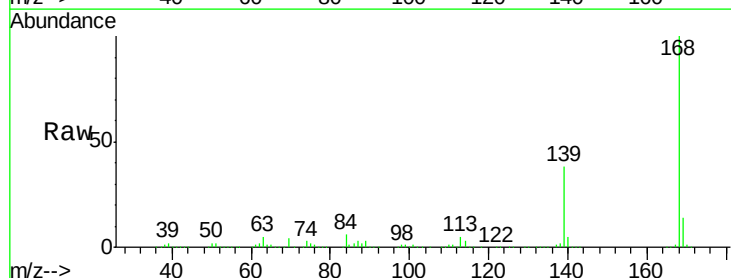
Tgt Ion:168 Resp: 1439251

Ion Ratio Lower Upper

168 100

139 37.6 29.7 44.5

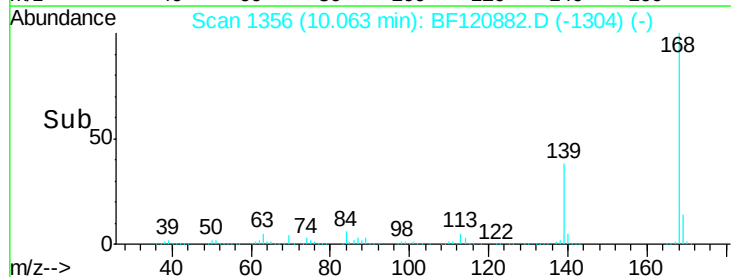
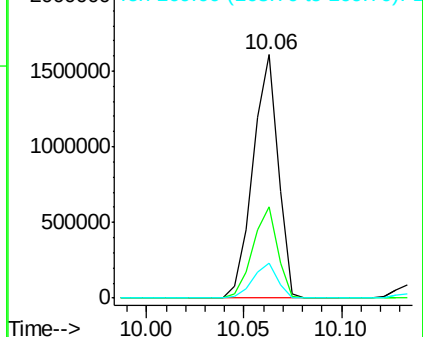
169 14.1 11.1 16.7

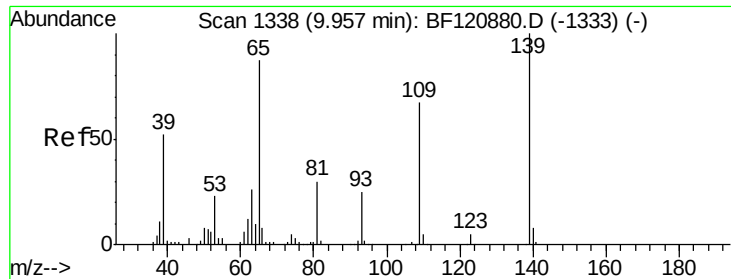


Abundance Ion 168.00 (167.70 to 168.70): E

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

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

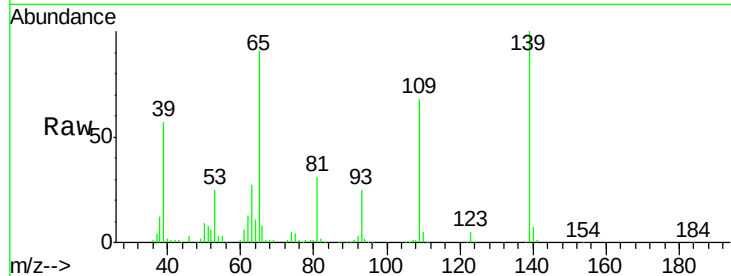
Tot Ion:139 Resp: 271977

Ion Ratio Lower Upper

139 100

109 68.3 47.3 87.3

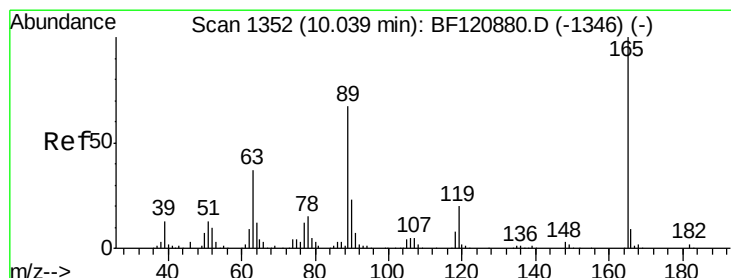
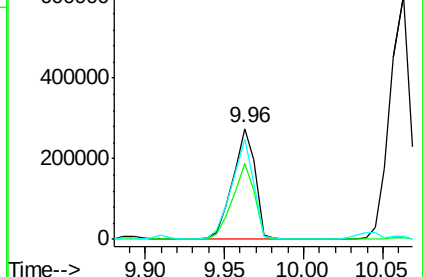
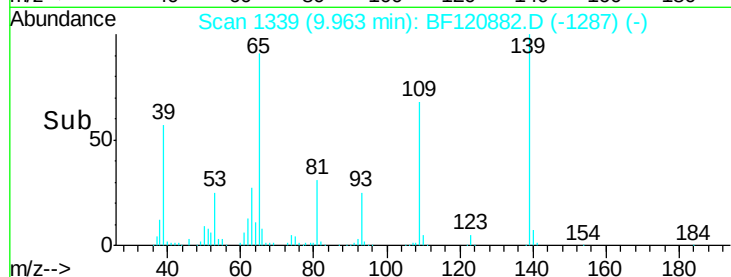
65 91.0 67.2 107.2



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

Tgt Ion:165 Resp: 375520

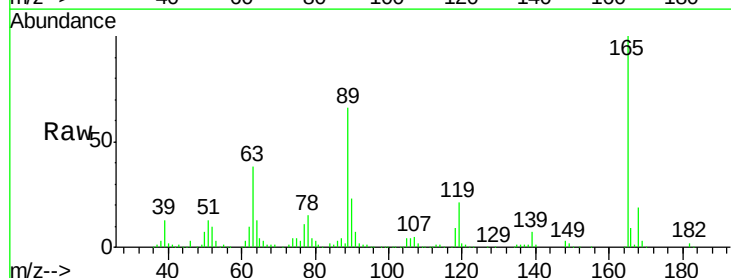
Ion Ratio Lower Upper

165 100

63 37.8 29.4 44.2

89 65.7 53.4 80.0

182 2.3 1.8 2.6

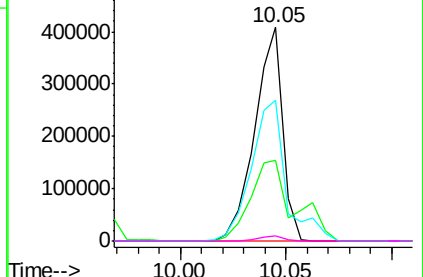
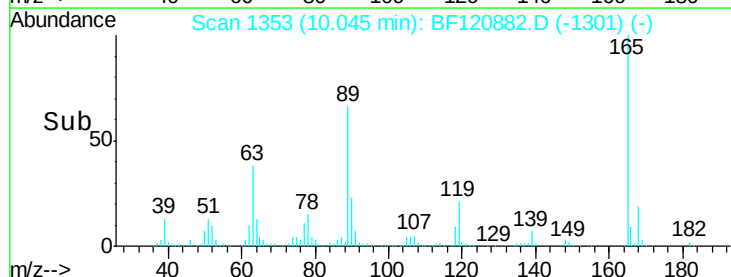


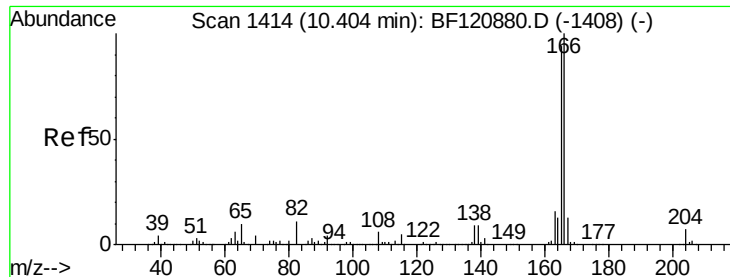
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#58

Fluorene

Concen: 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

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

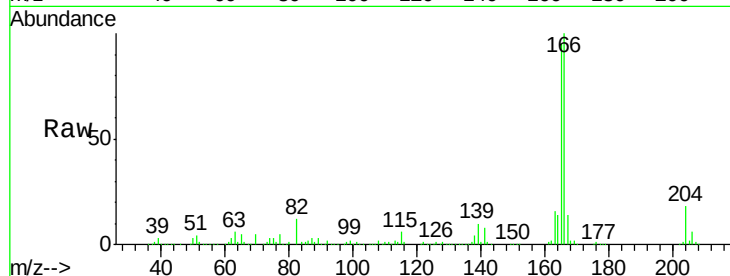
Tot Ion:166 Resp: 972782

Ion Ratio Lower Upper

166 100

165 95.4 75.4 113.0

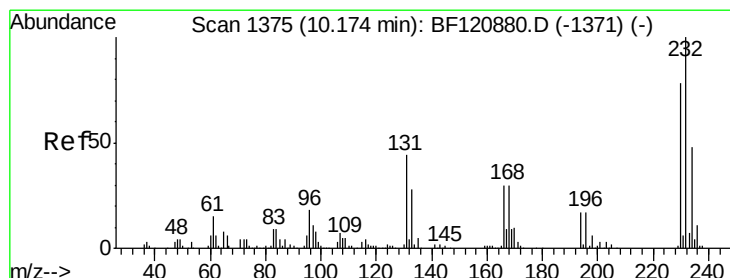
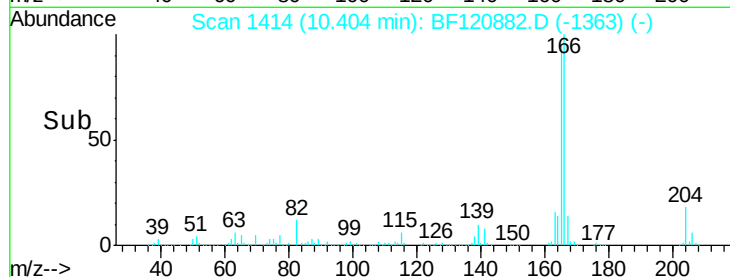
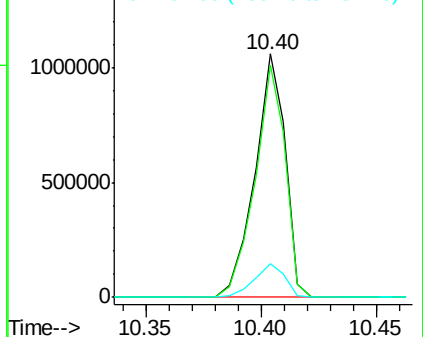
167 13.8 10.6 15.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

2,3,4,6-Tetrachlorophenol

Concen: 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

Tgt Ion:232 Resp: 305710

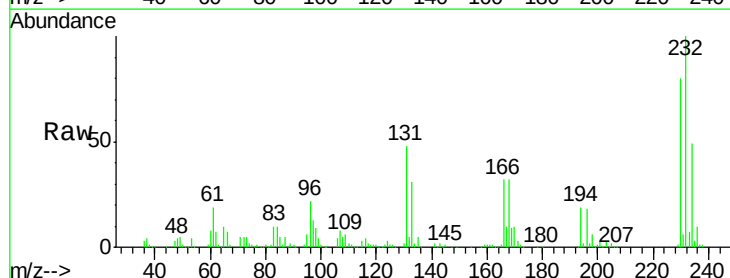
Ion Ratio Lower Upper

232 100

131 44.4 37.1 55.7

130 2.3 1.7 2.5

166 29.9 24.2 36.4

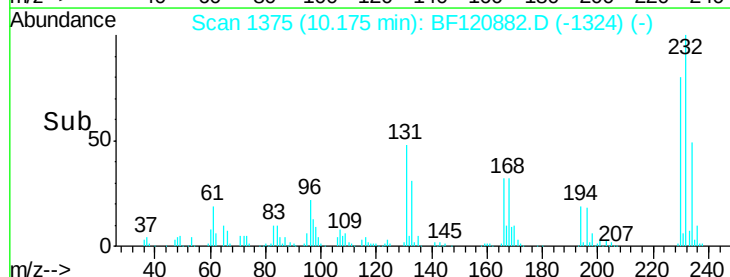
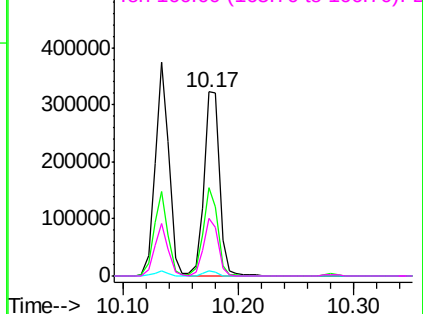


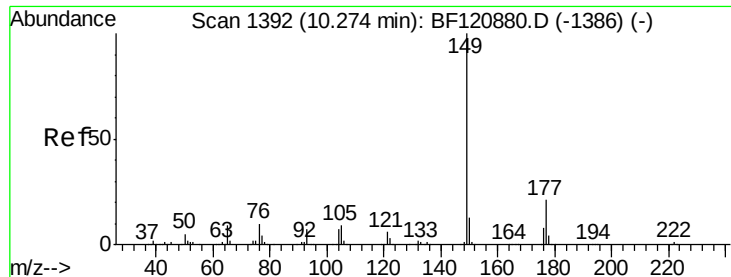
Abundance Ion 232.00 (231.70 to 232.70): E

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

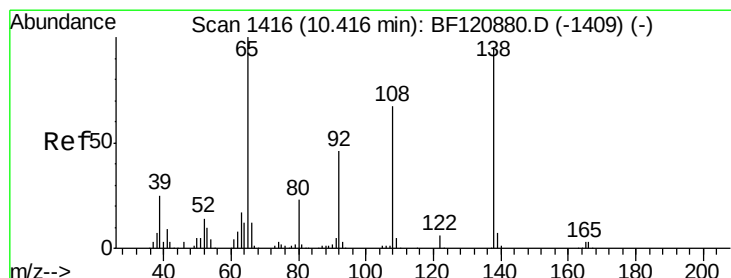
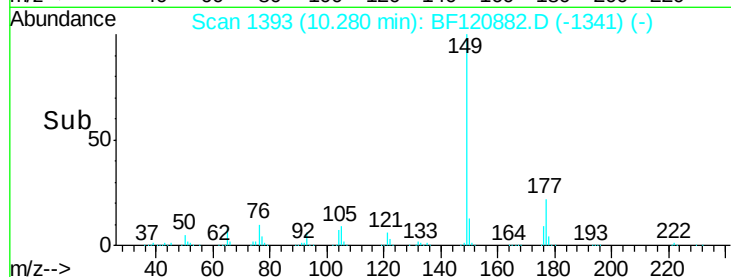
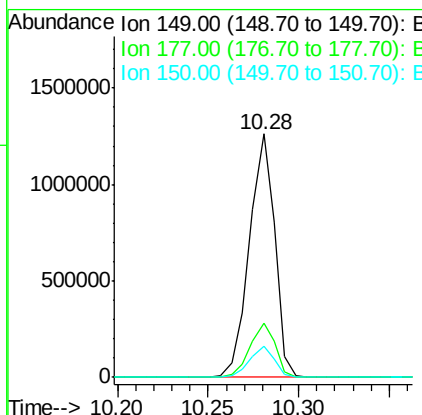
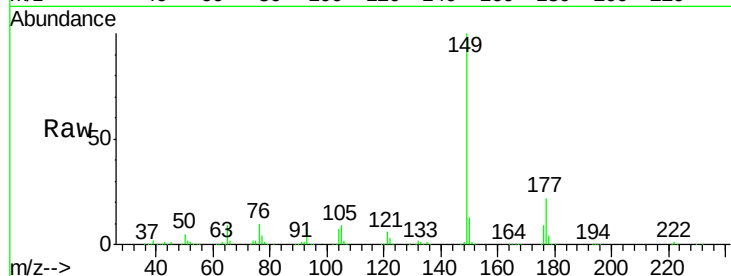




#60
Diethylphthalate
Concen: 52.968 ng
RT: 10.28 min Scan# 1393
Delta R.T. 0.01 min
Lab File: BF120882.D
Acq: 16 Jul 2020 12:41

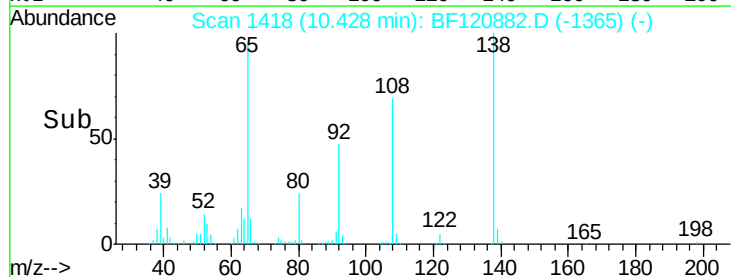
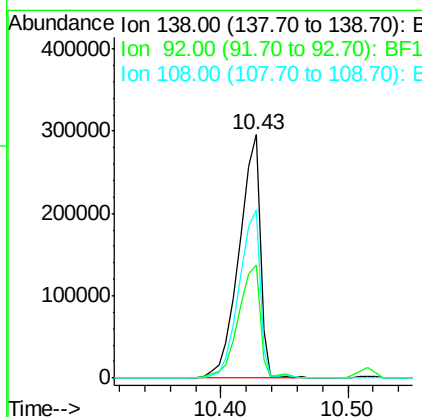
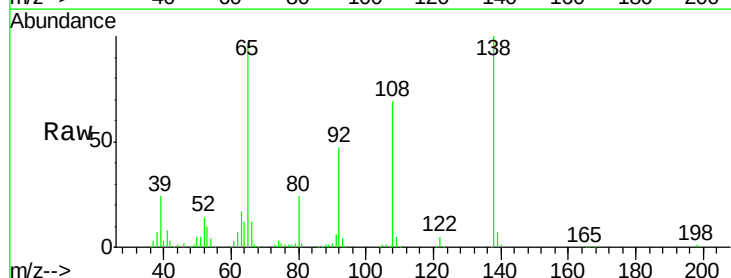
Instrument :
BNA_F
ClientSampleId :
SSTDIC060

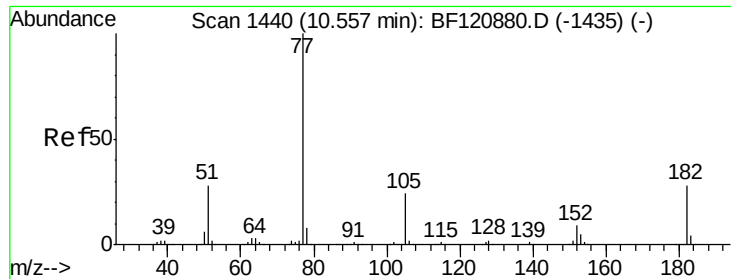
Tot Ion:149 Resp: 1224908
Ion Ratio Lower Upper
149 100
177 22.1 17.1 25.7
150 12.9 10.3 15.5



#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





#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_F

ClientSampleId :

SSTDICC060

Tot Ion: 77 Resp: 1145846

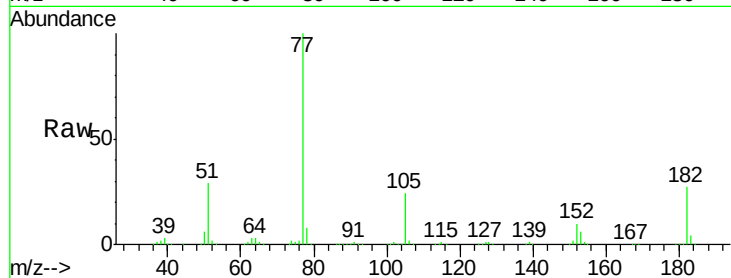
Ion Ratio Lower Upper

77 100

182 26.7 7.8 47.8

105 24.0 4.4 44.4

51 29.4 8.0 48.0

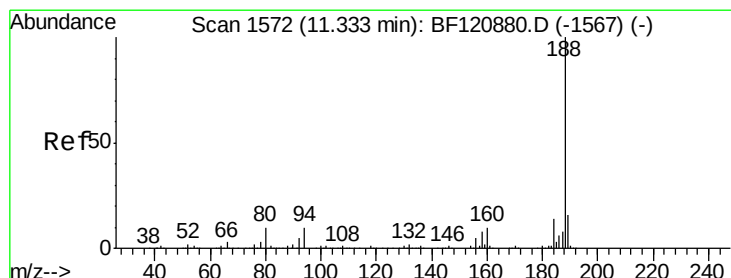
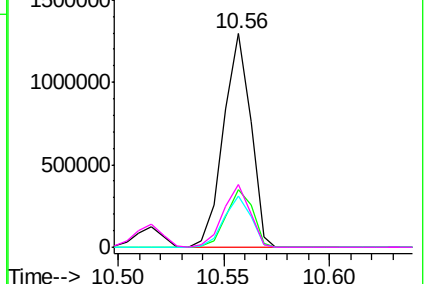
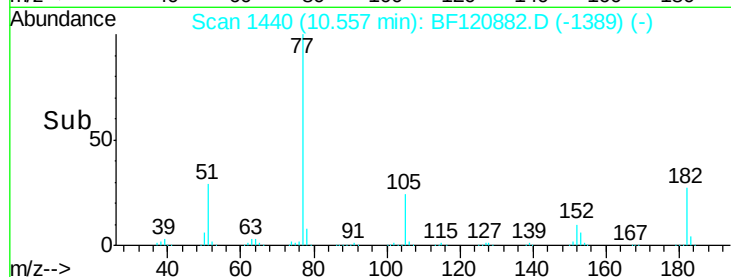


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#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

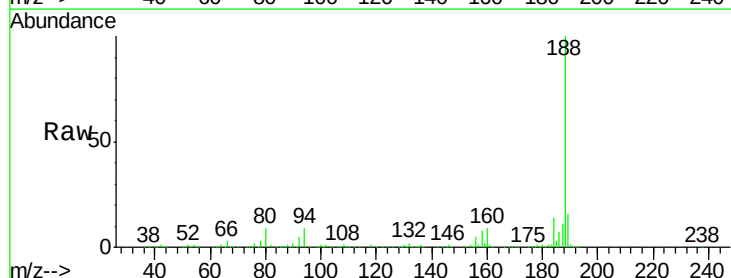
Tgt Ion: 188 Resp: 579736

Ion Ratio Lower Upper

188 100

94 8.7 8.0 12.0

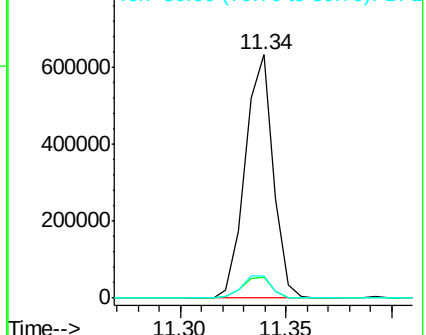
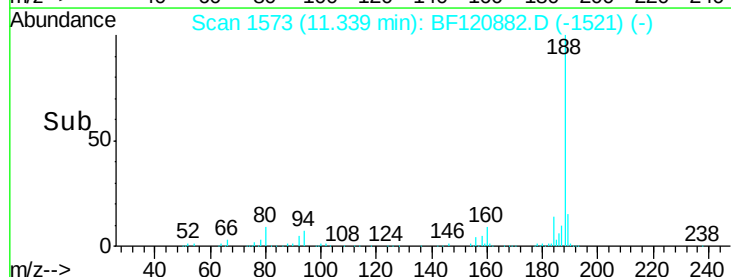
80 9.0 8.3 12.5

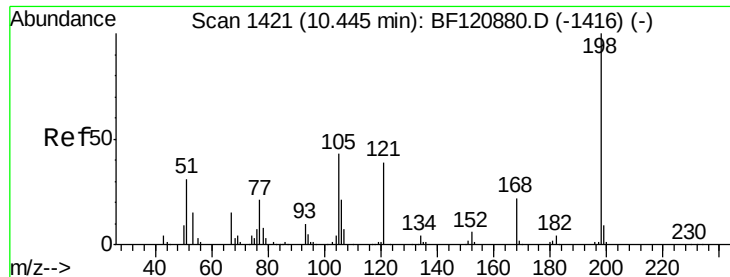


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

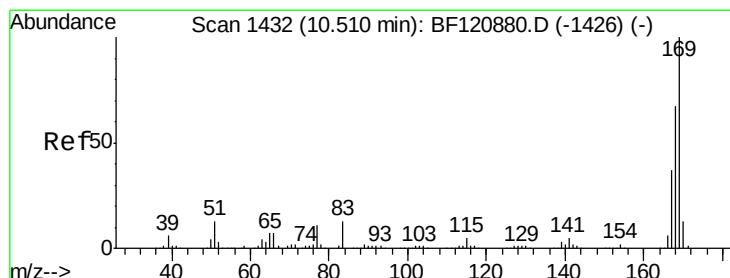
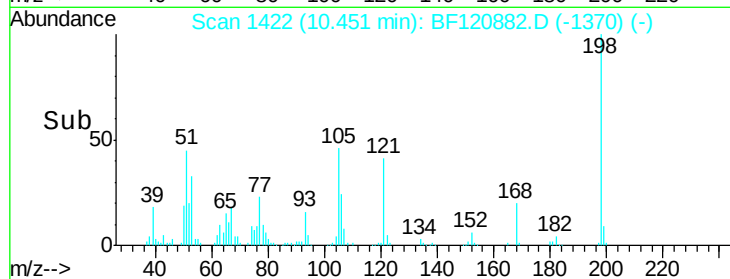
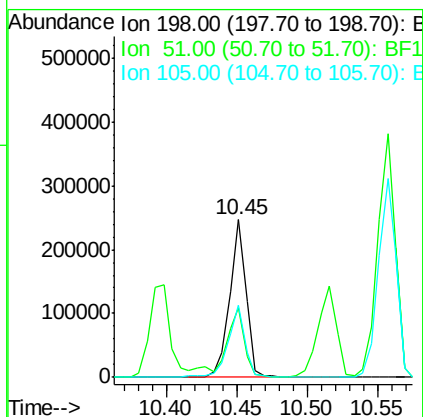
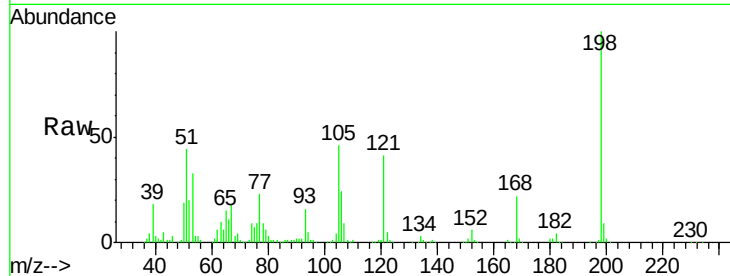




#65
4,6-Dinitro-2-methylphenol
Concen: 107.895 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.01 min
Lab File: BF120882.D
Acq: 16 Jul 2020 12:41

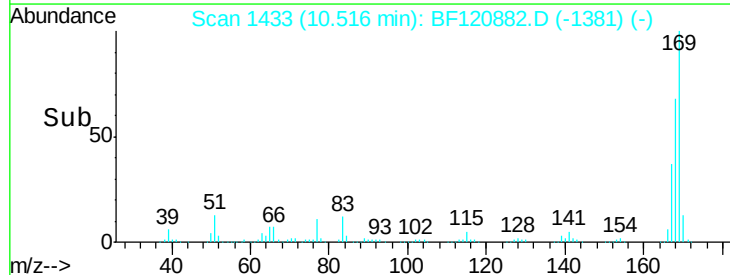
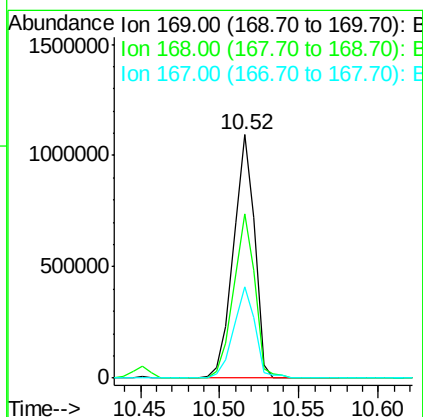
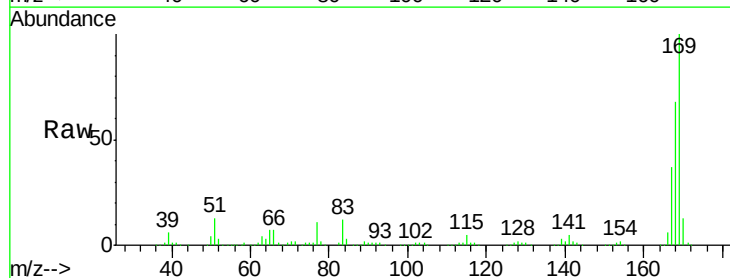
Instrument :
BNA_F
ClientSampleId :
SSTDIC060

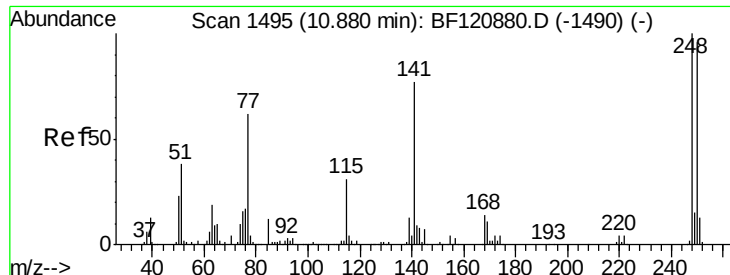
Tot Ion:198 Resp: 200970
Ion Ratio Lower Upper
198 100
51 44.4 19.5 59.5
105 45.8 24.4 64.4



#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

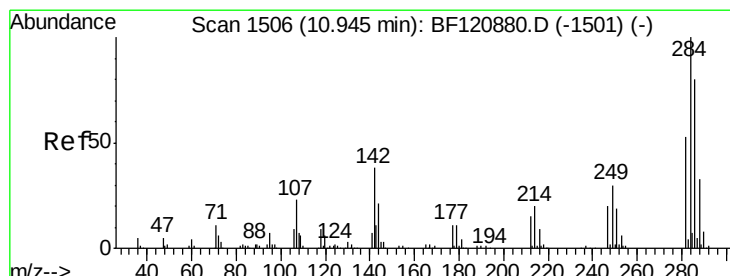
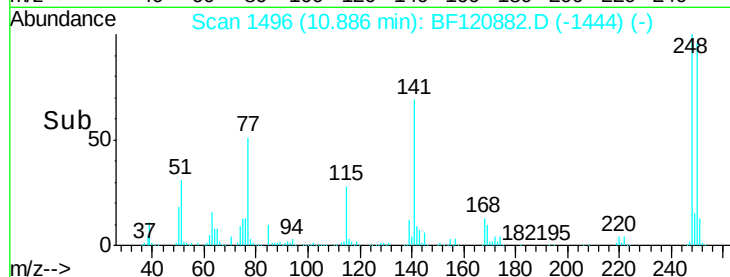
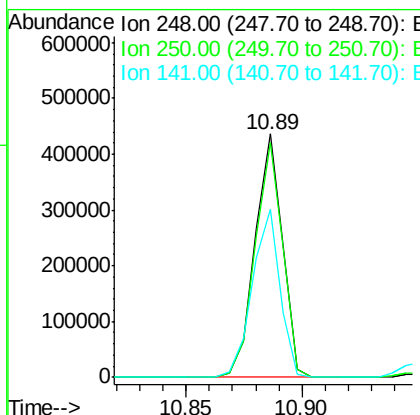
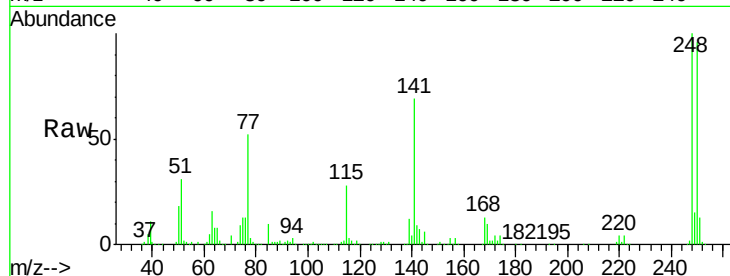




#67
4-Bromophenyl-phenylether
Concen: 53.887 ng
RT: 10.89 min Scan# 1496
Delta R.T. 0.01 min
Lab File: BF120882.D
Acq: 16 Jul 2020 12:41

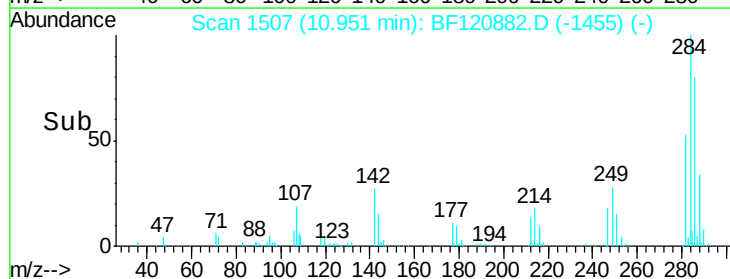
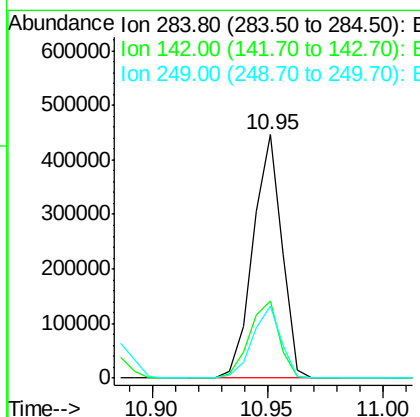
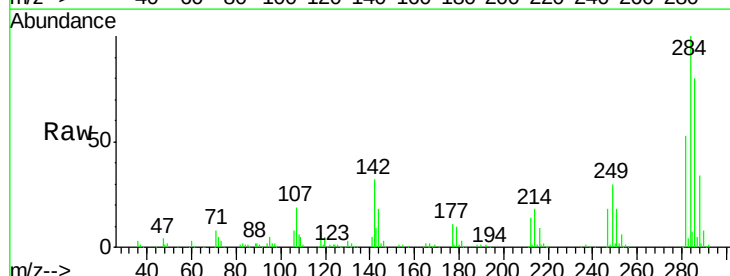
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

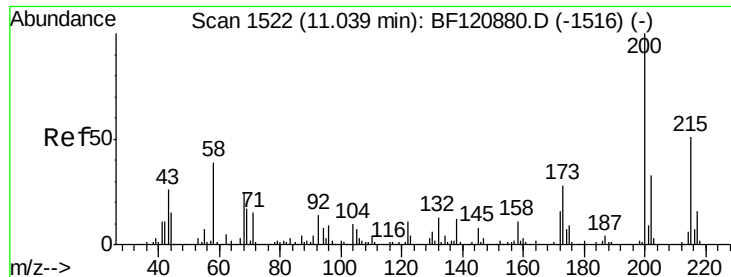
Tot Ion:248 Resp: 362385
Ion Ratio Lower Upper
248 100
250 96.4 77.1 115.7
141 69.3 61.2 91.8



#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

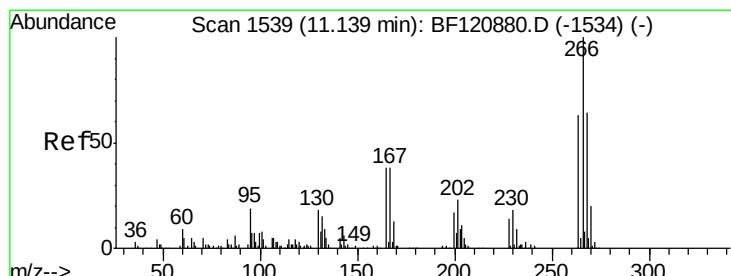
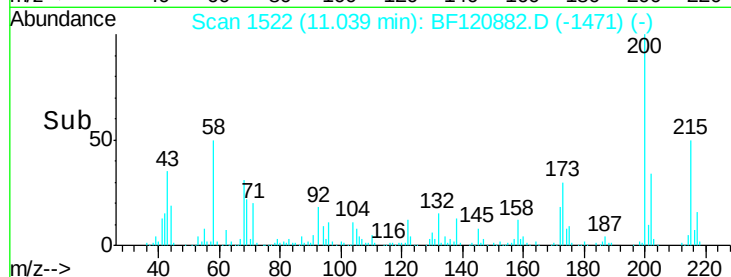
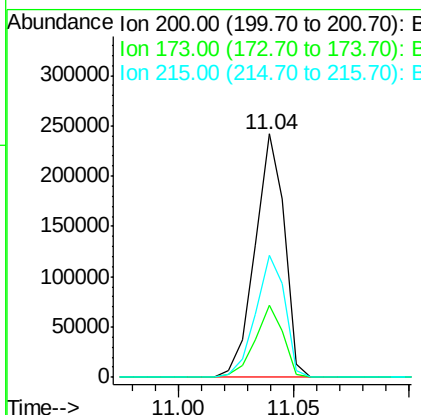
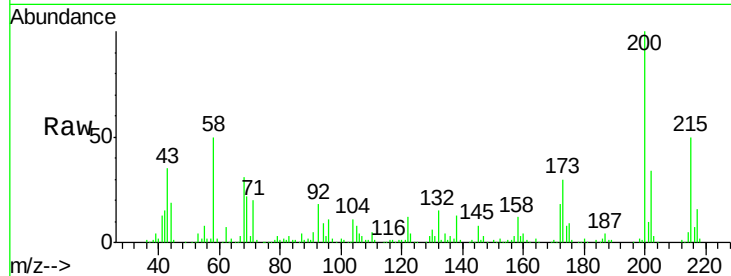




#69
 Atrazine
 Concen: 42.896 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. 0.00 min
 Lab File: BF120882.D
 Acq: 16 Jul 2020 12:41

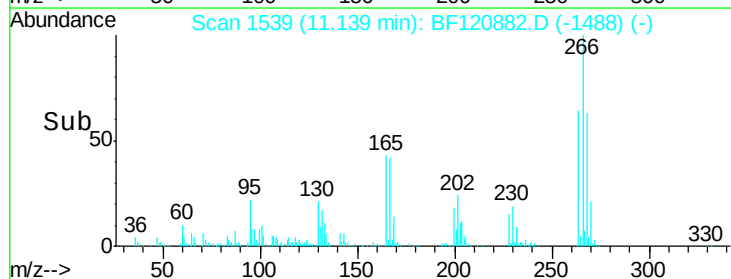
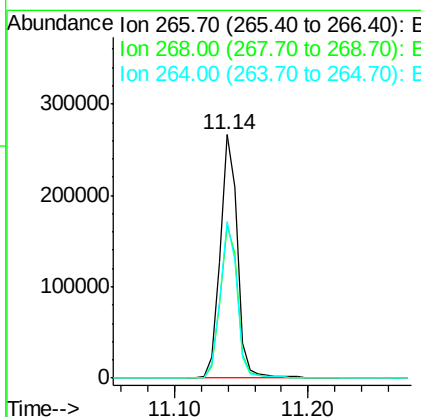
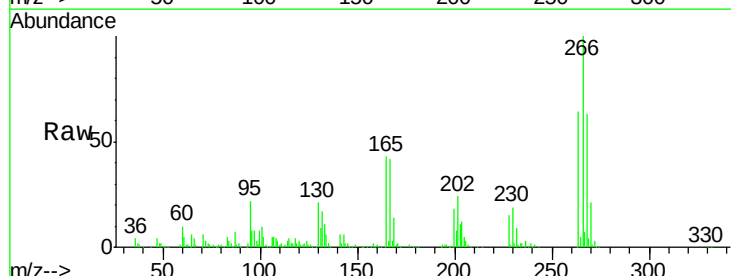
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

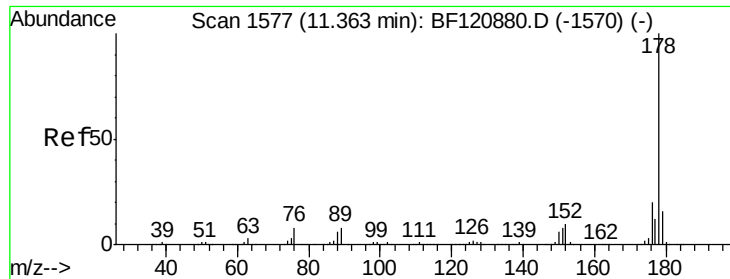
Tot Ion:200 Resp: 214734
 Ion Ratio Lower Upper
 200 100
 173 29.7 8.0 48.0
 215 50.1 31.5 71.5



#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 :

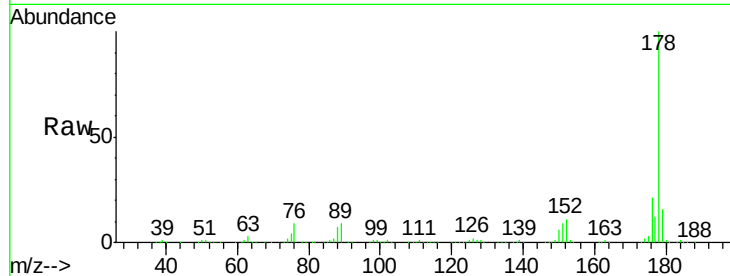
BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:178 Resp: 1604099

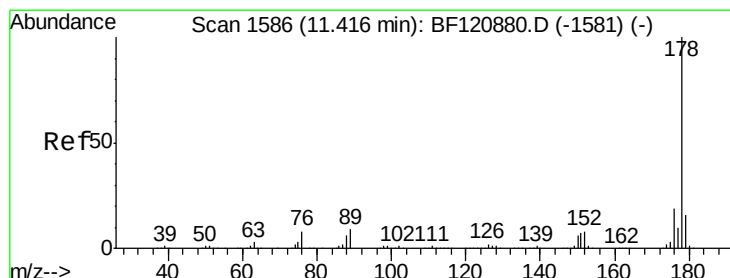
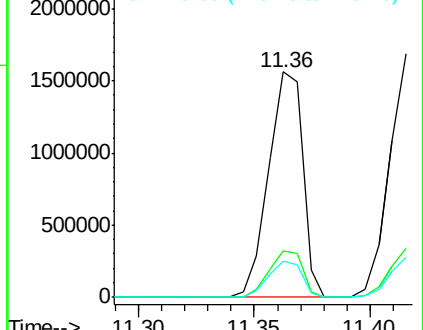
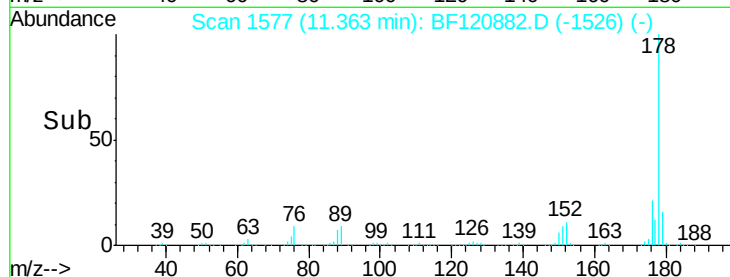
Ion	Ratio	Lower	Upper
178	100		
176	20.7	16.2	24.4
179	16.3	12.8	19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 50.604 ng

RT: 11.42 min Scan# 1586

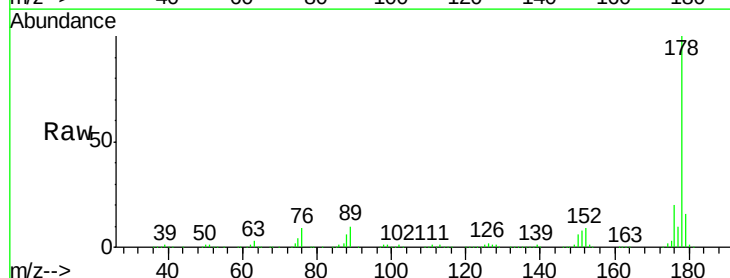
Delta R.T. 0.00 min

Lab File: BF120882.D

Acq: 16 Jul 2020 12:41

Tgt Ion:178 Resp: 1608522

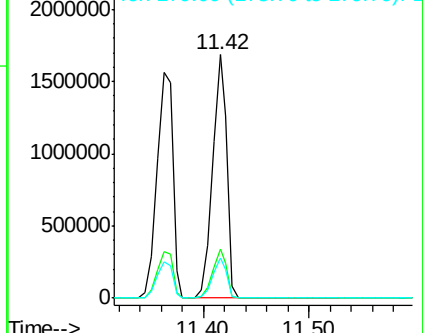
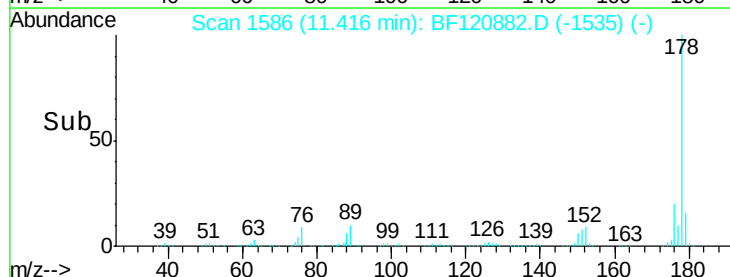
Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.5	23.3
179	16.3	12.8	19.2

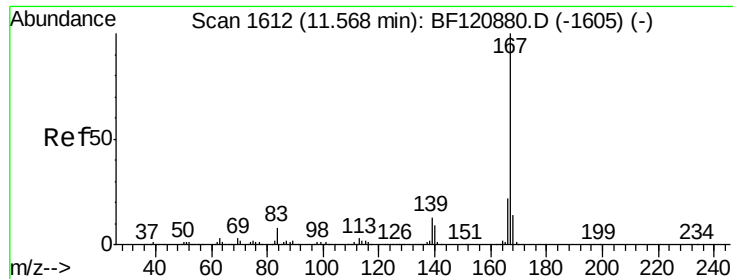


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

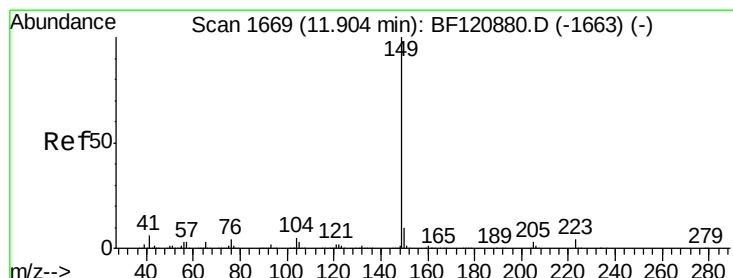
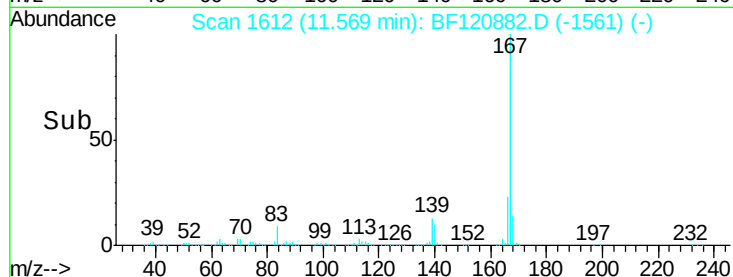
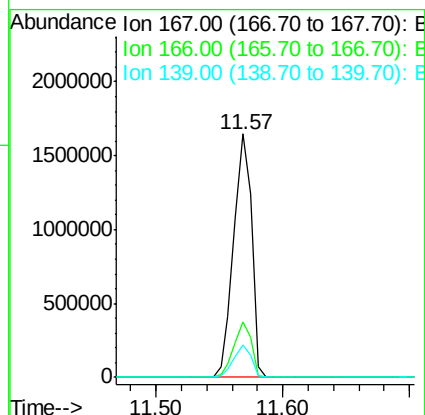
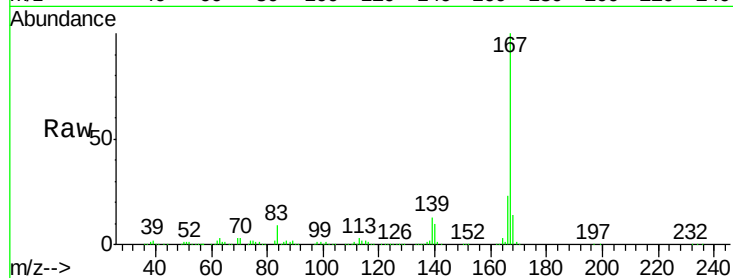




#73
 Carbazole
 Concen: 52.656 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF120882.D
 Acq: 16 Jul 2020 12:41

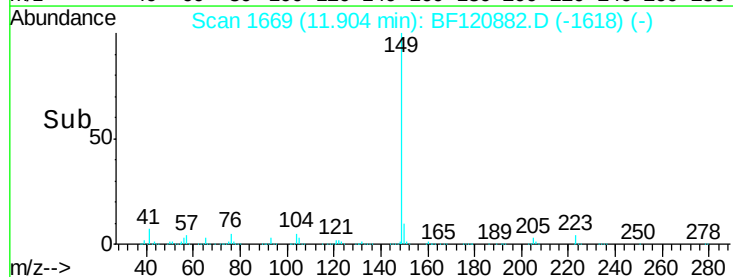
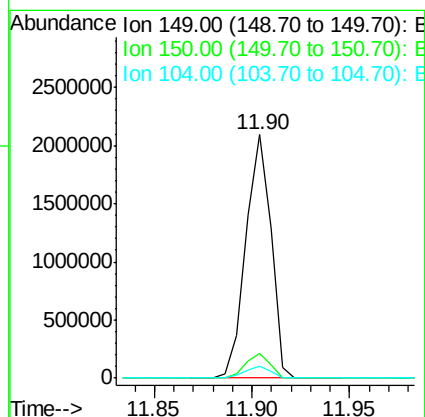
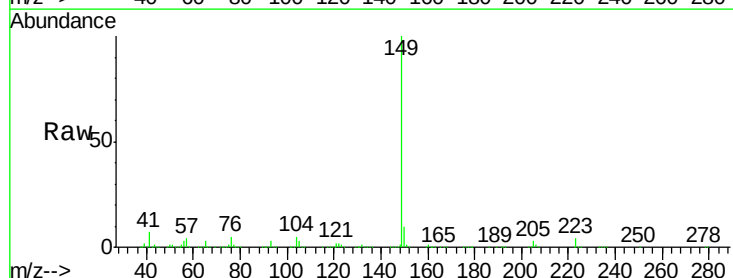
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

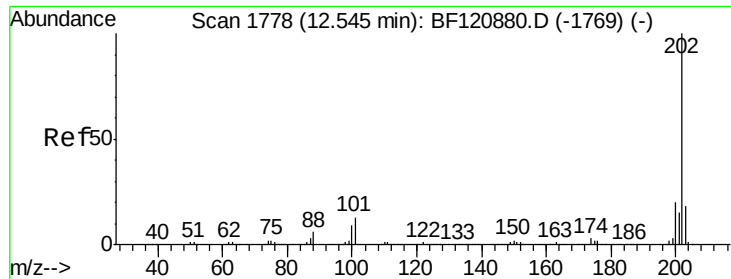
Tot Ion:167 Resp: 1608403
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.7 26.5
 139 13.2 10.1 15.1



#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

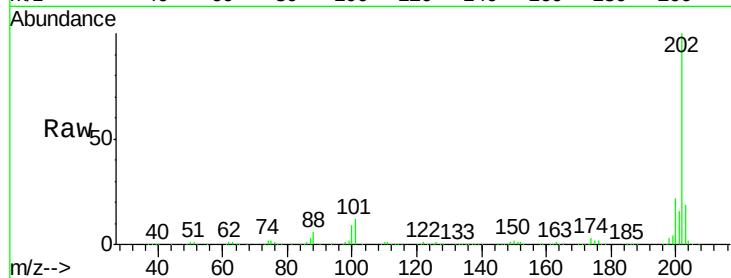




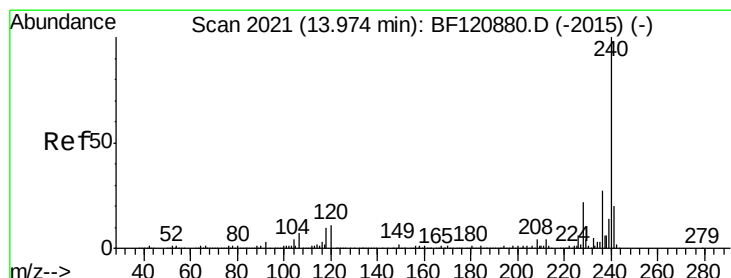
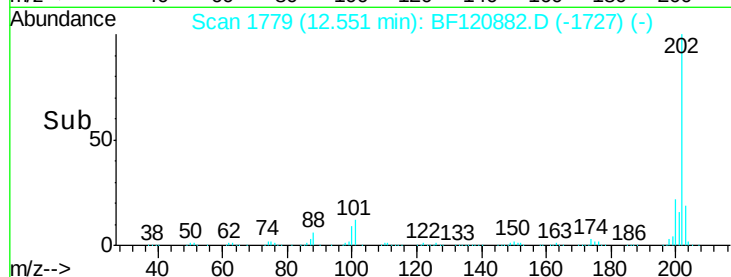
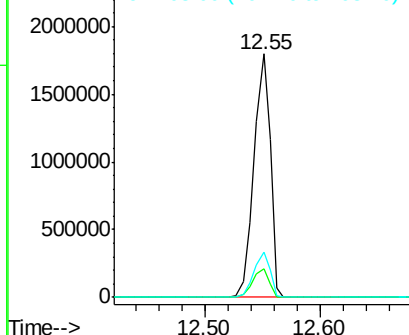
#75
 Fluoranthene
 Concen: 53.073 ng
 RT: 12.55 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: BF120882.D
 Acq: 16 Jul 2020 12:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

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

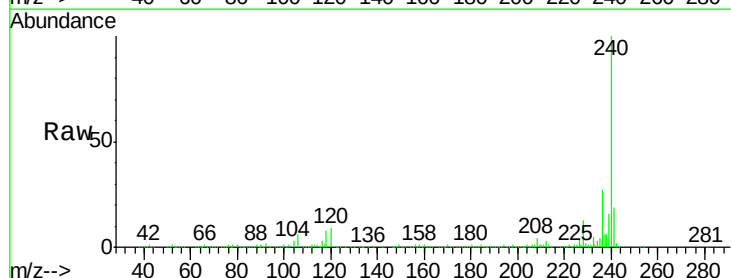


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

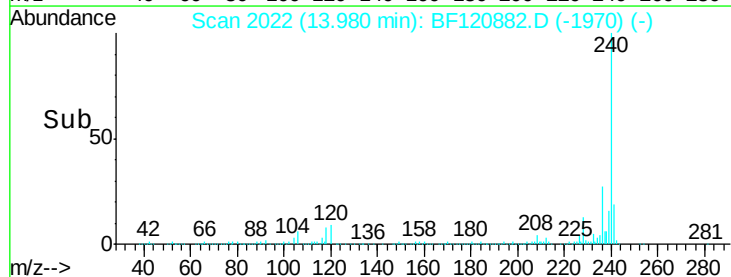
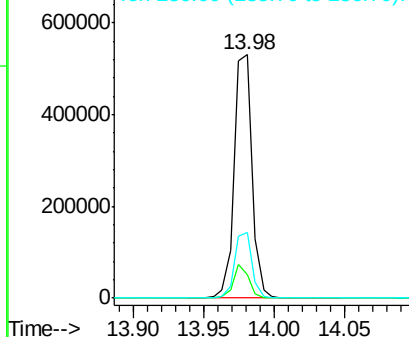


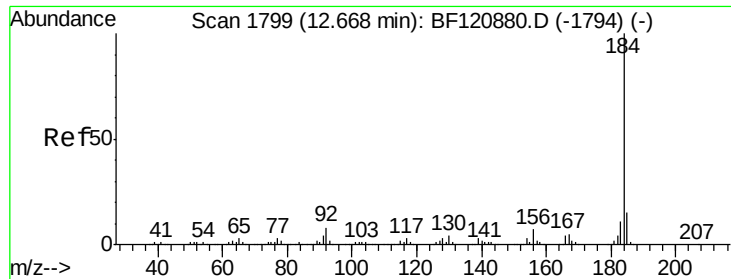
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. 0.01 min
 Lab File: BF120882.D
 Acq: 16 Jul 2020 12:41

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

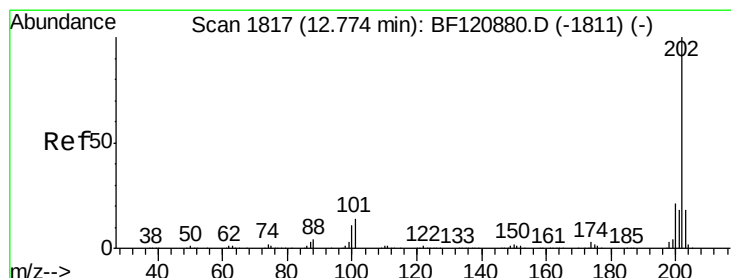
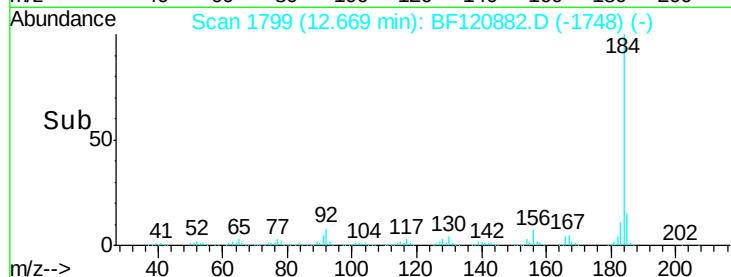
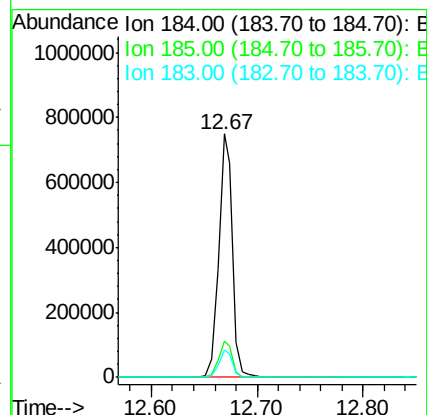
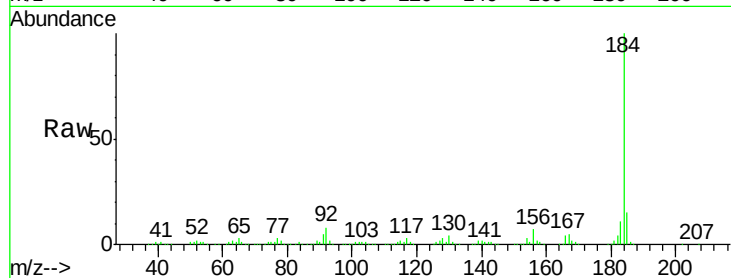




#77
Benzidine
Concen: 52.157 ng
RT: 12.67 min Scan# 1799
Delta R.T. 0.00 min
Lab File: BF120882.D
Acq: 16 Jul 2020 12:41

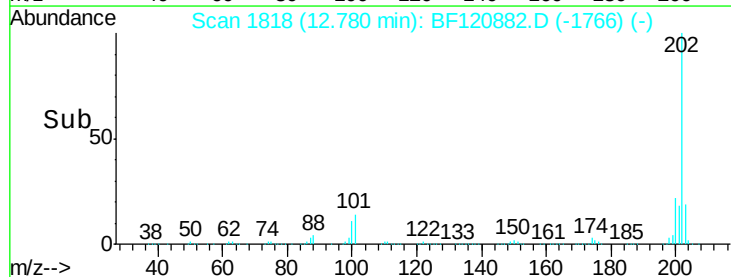
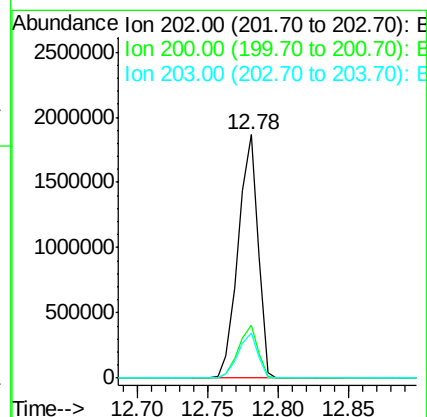
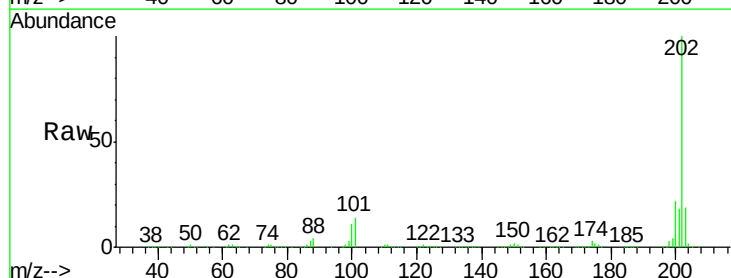
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

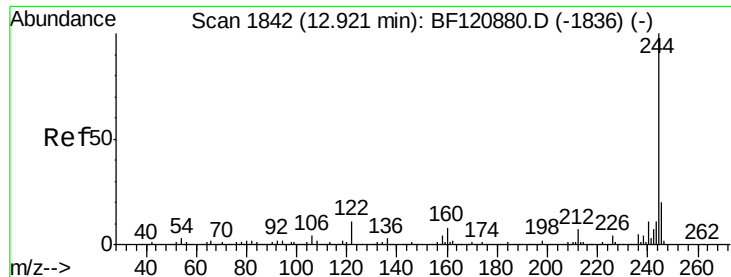
Tot Ion:184 Resp: 690296
Ion Ratio Lower Upper
184 100
185 15.0 12.2 18.2
183 11.0 8.5 12.7



#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_F

ClientSampleId :

SSTDIC060

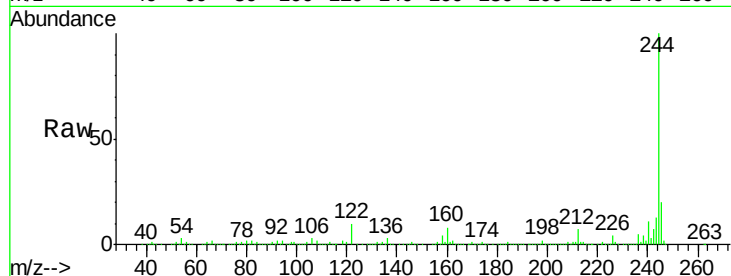
Tot Ion:244 Resp: 2099596

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

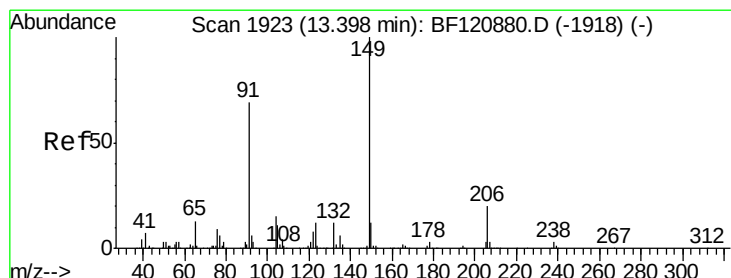
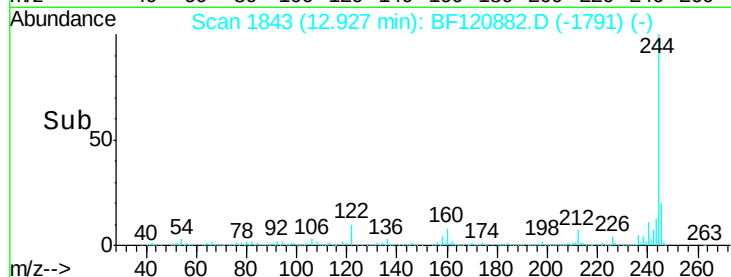
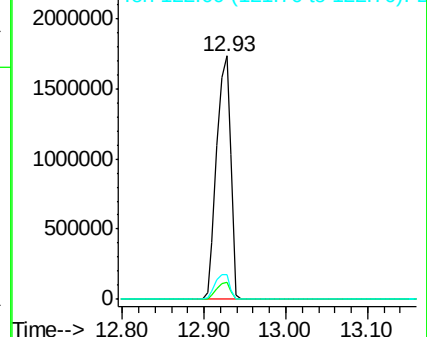
122 9.9 8.9 13.3



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

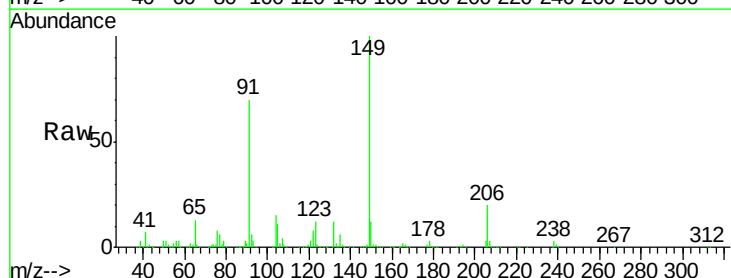
Tgt Ion:149 Resp: 870014

Ion Ratio Lower Upper

149 100

91 70.0 55.1 82.7

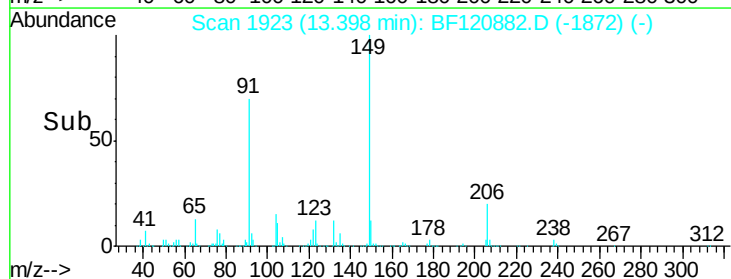
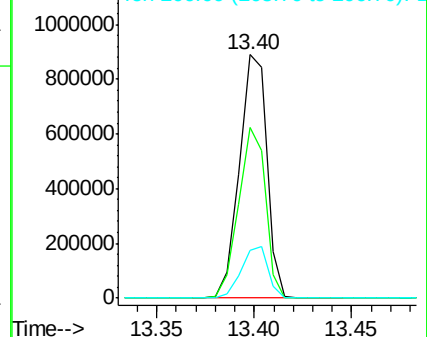
206 19.7 16.1 24.1

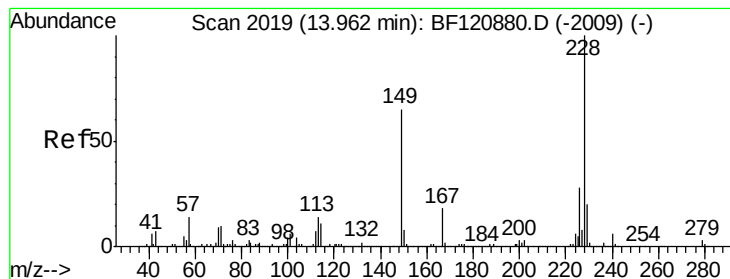


Abundance Ion 149.00 (148.70 to 149.70): E

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_F

ClientSampleId :

SSTDIC060

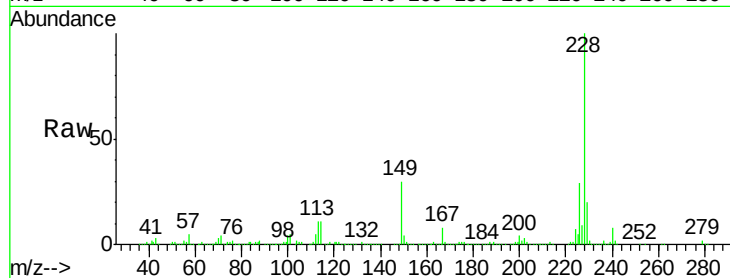
Tot Ion:228 Resp: 1466929

Ion Ratio Lower Upper

228 100

226 28.9 22.3 33.5

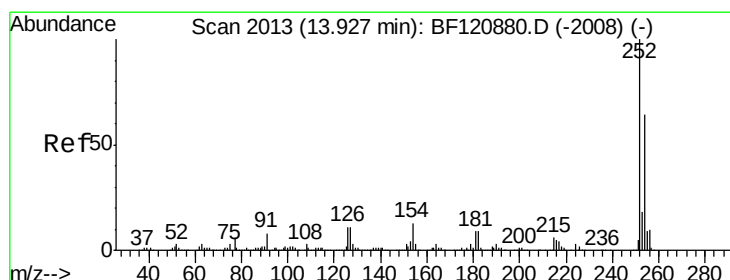
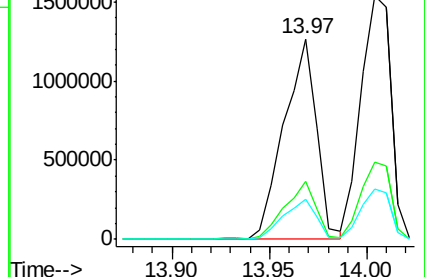
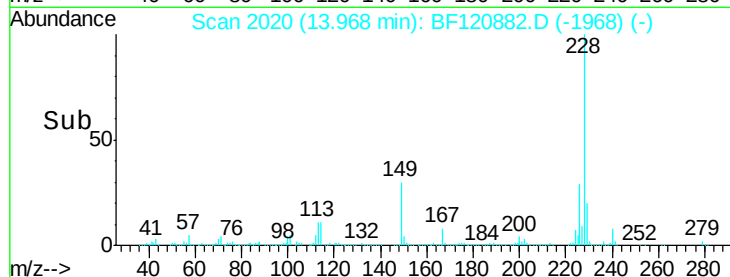
229 20.3 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 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

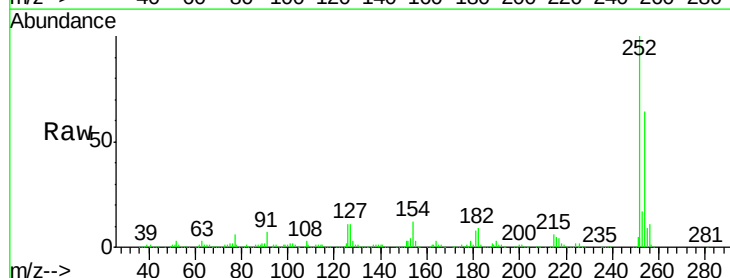
Tgt Ion:252 Resp: 605181

Ion Ratio Lower Upper

252 100

254 63.8 51.2 76.8

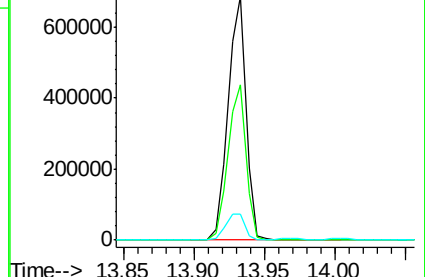
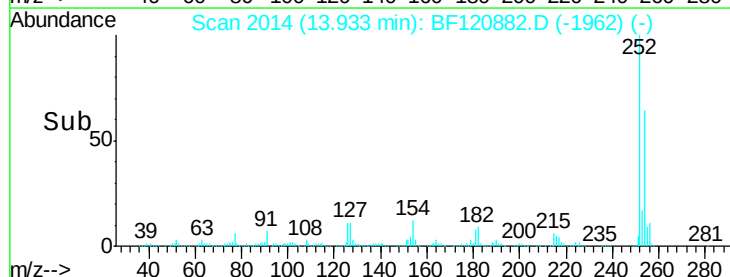
126 10.9 8.7 13.1

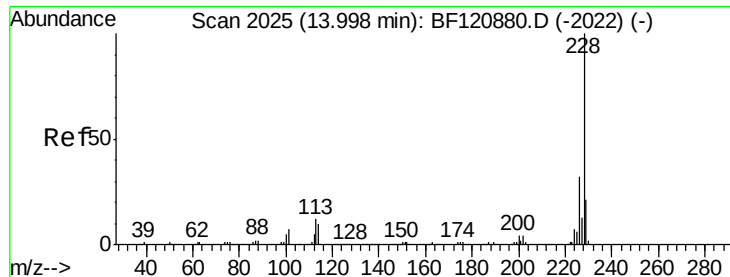


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 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_F

ClientSampleId :

SSTDICC060

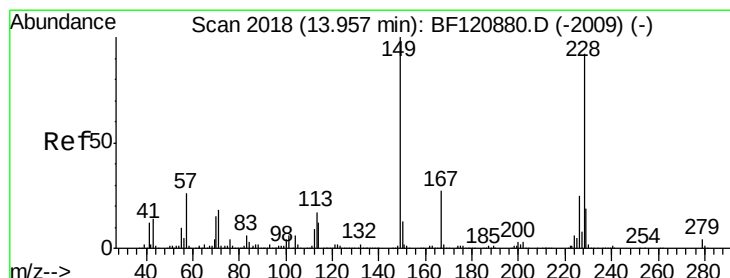
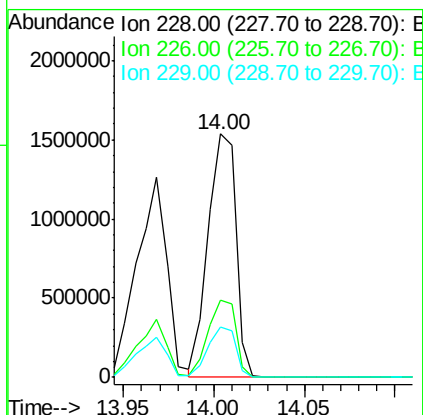
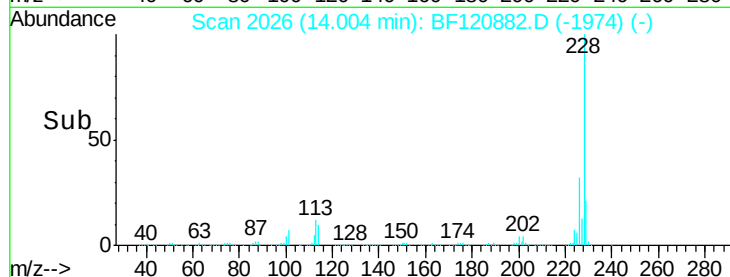
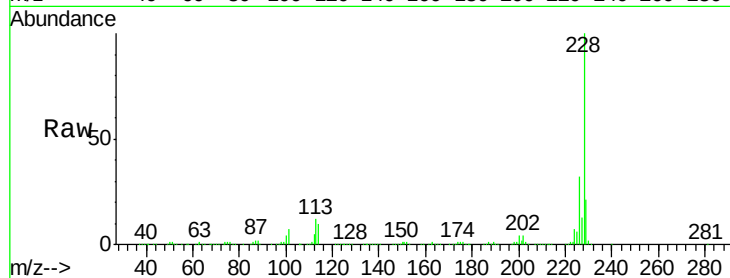
Tot Ion:228 Resp: 1648481

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

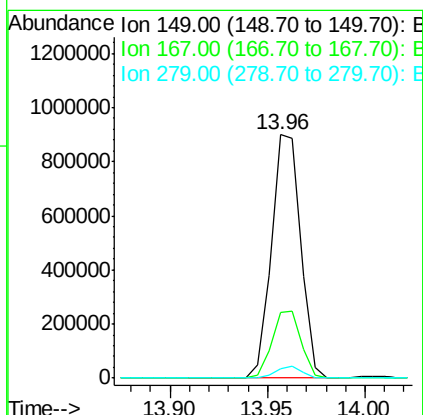
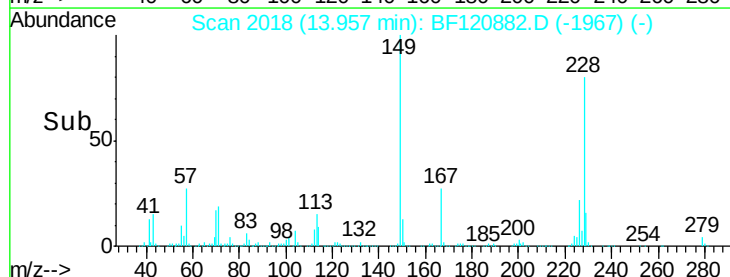
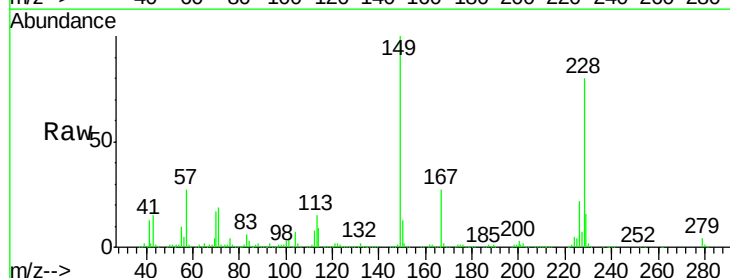
Tgt Ion:149 Resp: 933182

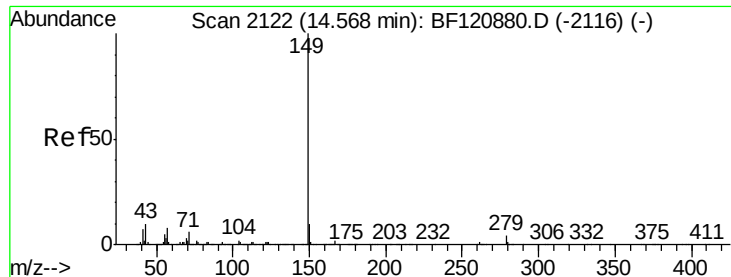
Ion Ratio Lower Upper

149 100

167 27.1 21.9 32.9

279 3.9 3.0 4.4

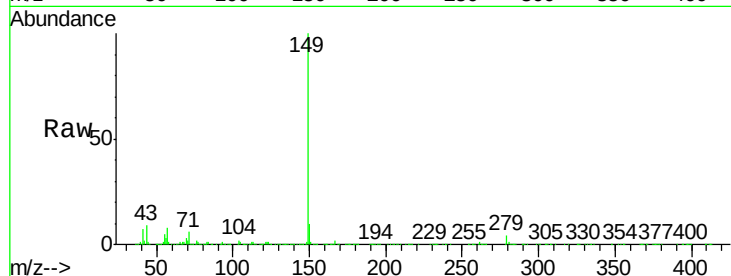




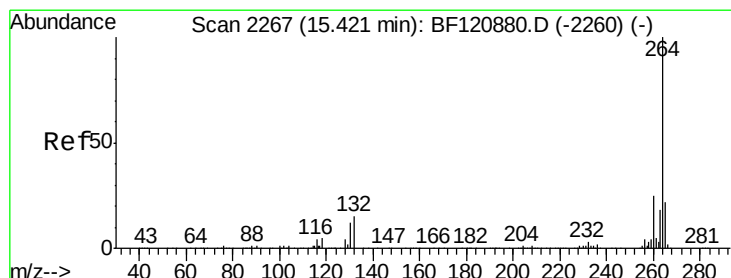
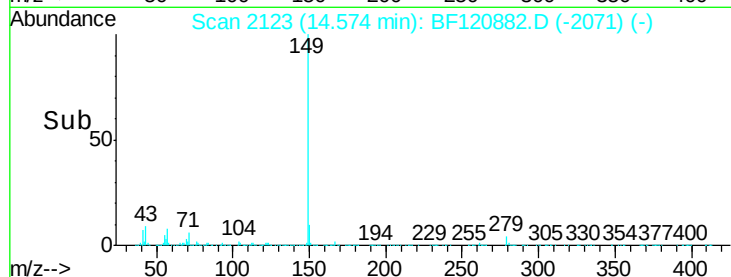
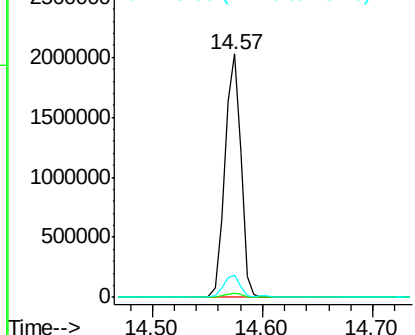
#85
Di-n-octyl phthalate
Concen: 54.695 ng
RT: 14.57 min Scan# 2123
Delta R.T. 0.01 min
Lab File: BF120882.D
Acq: 16 Jul 2020 12:41

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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

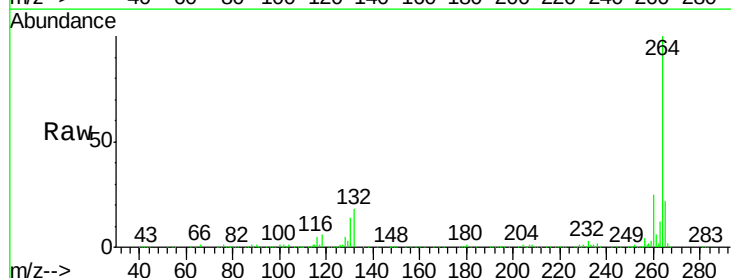


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

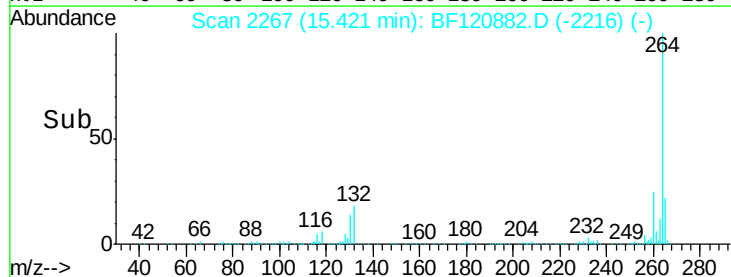
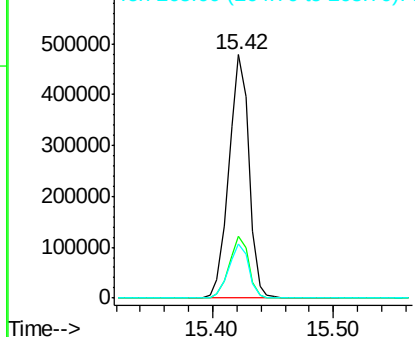


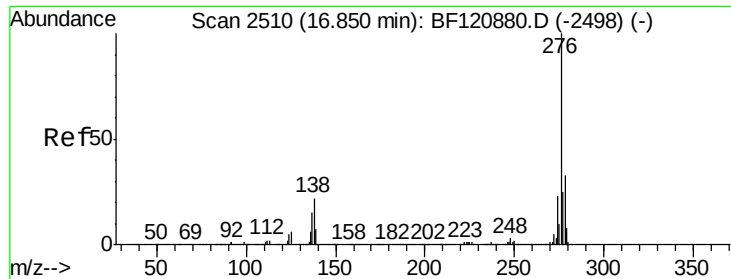
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.00 min
Lab File: BF120882.D
Acq: 16 Jul 2020 12:41

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

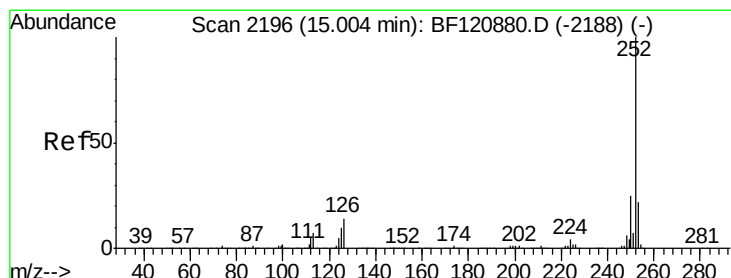
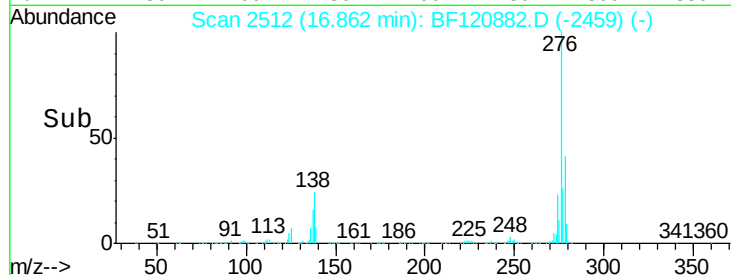
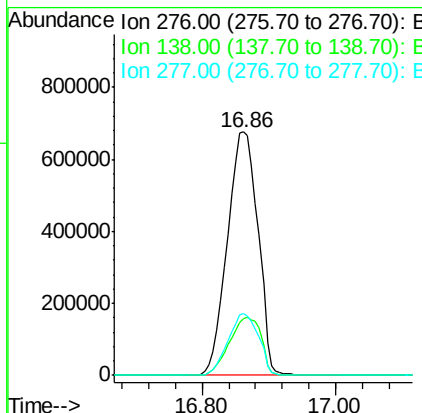
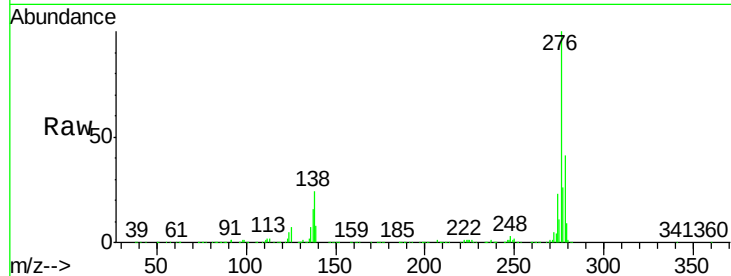




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 61.063 ng
 RT: 16.86 min Scan# 2512
 Delta R.T. 0.01 min
 Lab File: BF120882.D
 Acq: 16 Jul 2020 12:41

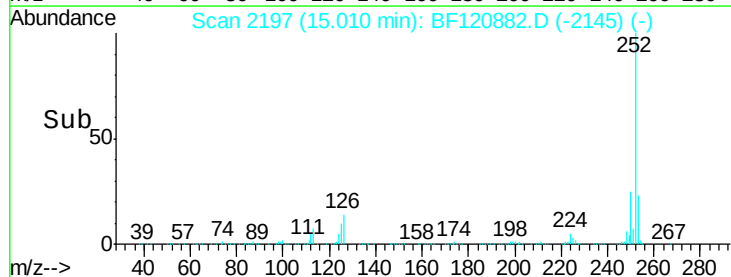
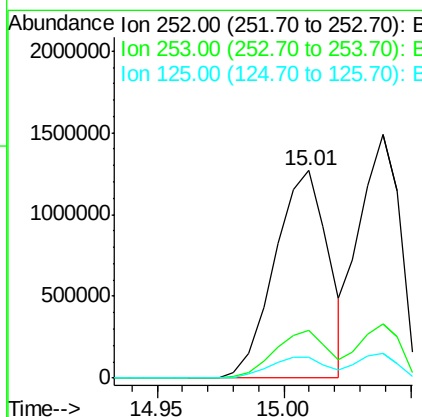
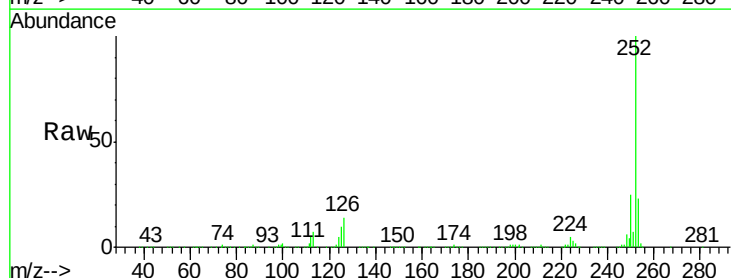
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

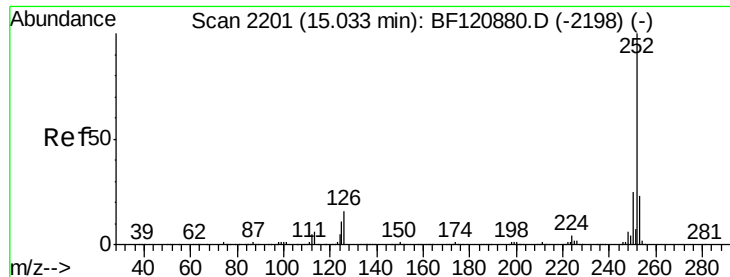
Tot Ion:276 Resp: 2162860
 Ion Ratio Lower Upper
 276 100
 138 24.6 19.8 29.8
 277 25.4 20.2 30.2



#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

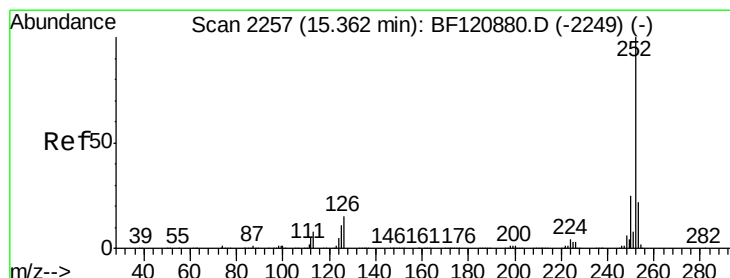
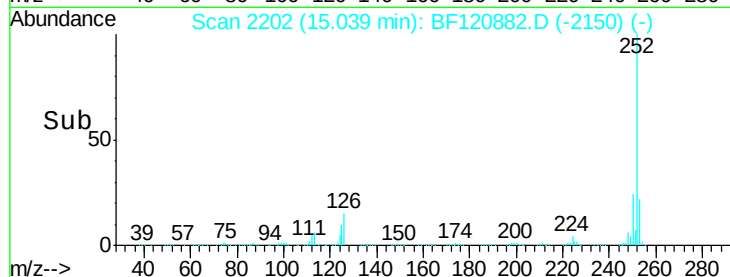
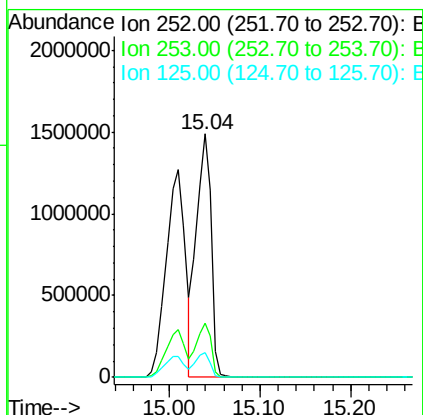
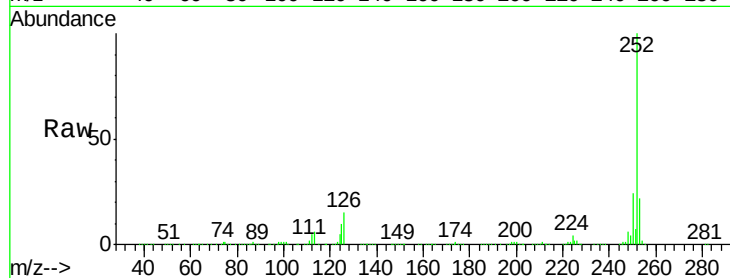




#89
Benzo(k)fluoranthene
Concen: 47.509 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BF120882.D
Acq: 16 Jul 2020 12:41

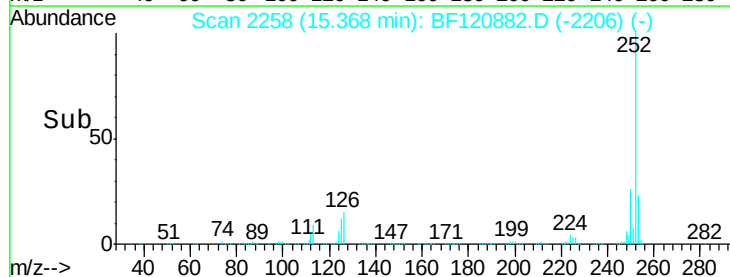
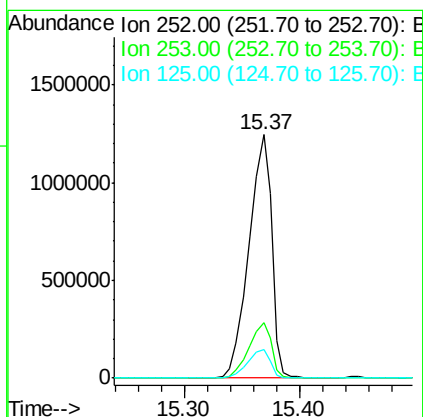
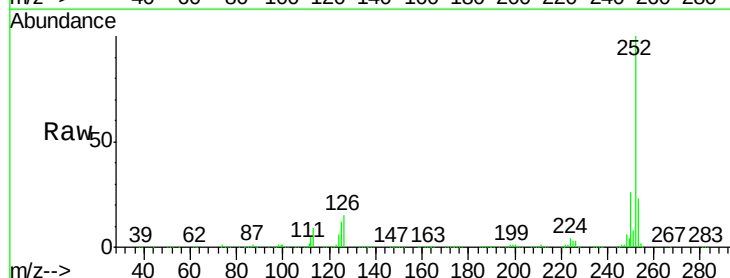
Instrument :
BNA_F
ClientSampleId :
SSTDIC060

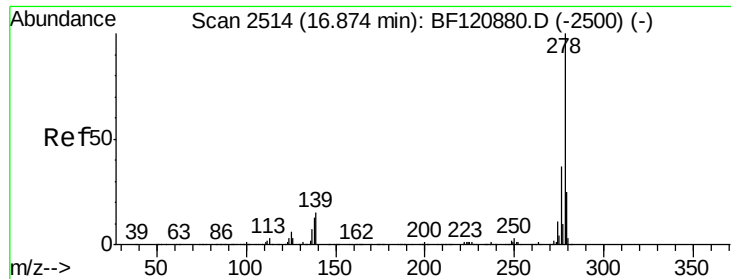
Tot Ion:252 Resp: 1678321
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.2
125 10.3 8.4 12.6



#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_F

ClientSampleId :

SSTDICC060

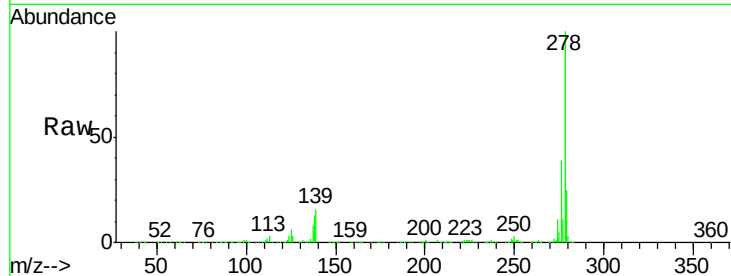
Tot Ion:278 Resp: 1729228

Ion Ratio Lower Upper

278 100

139 16.0 12.3 18.5

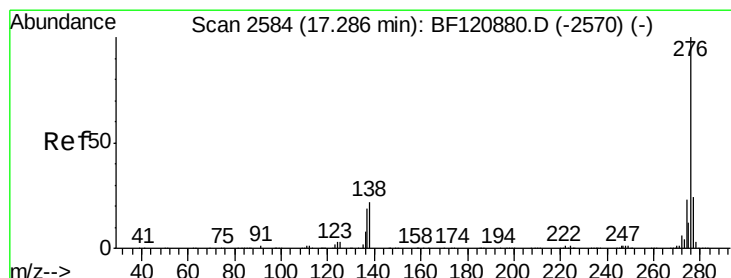
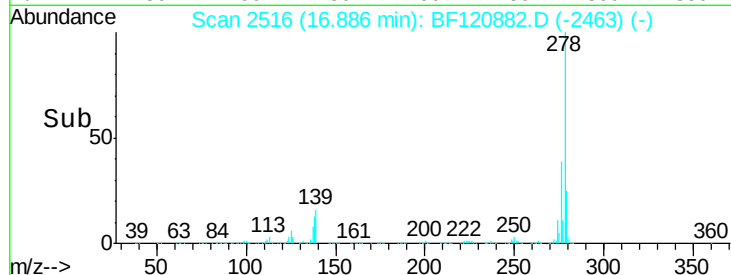
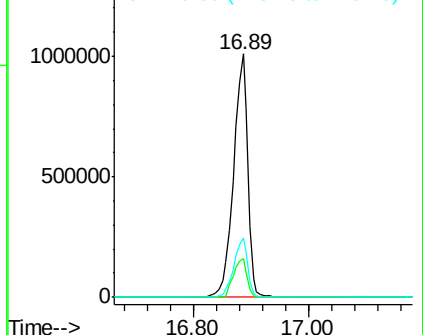
279 24.6 20.1 30.1



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 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

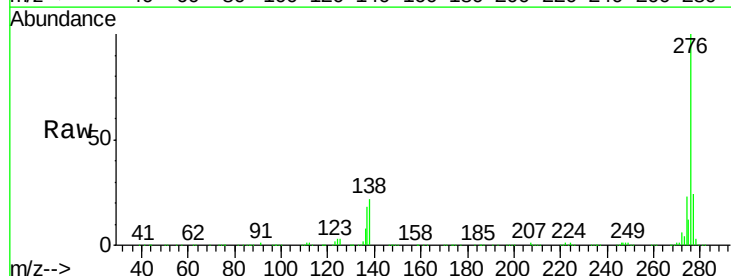
Tgt Ion:276 Resp: 1749897

Ion Ratio Lower Upper

276 100

277 24.5 18.8 28.2

138 22.4 17.5 26.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

