

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
 Data File : BF120280.D
 Acq On : 14 May 2020 10:14
 Operator : MA/SJ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Quant Time: May 14 10:49:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 14 10:46:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	360935	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	1548535	20.00	ng	0.00
39) Acenaphthene-d10	9.66	164	731566	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	1327063	20.00	ng	0.00
76) Chrysene-d12	13.79	240	970353	20.00	ng	0.00
87) Perylene-d12	15.17	264	933441	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.23	112	1485475	62.20	ng	0.00
7) Phenol-d6	6.28	99	1843530	64.37	ng	0.00
23) Nitrobenzene-d5	7.20	82	1903748	66.66	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	507644	66.48	ng	0.00
45) 2-Fluorobiphenyl	8.99	172	3228298	70.22	ng	0.00
79) Terphenyl-d14	12.73	244	3430007	67.52	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.20	88	238232	21.946	ng	100
3) Pyridine	2.87	79	889511	29.704	ng	100
4) n-Nitrosodimethylamine	2.83	42	354028	29.235	ng	100
6) Aniline	6.29	93	1199242	33.949	ng	100
8) 2-Chlorophenol	6.41	128	858642	34.877	ng	100
9) Benzaldehyde	6.17	77	594666	41.375	ng	100
10) Phenol	6.29	94	1091951	34.306	ng	100
11) bis(2-Chloroethyl)ether	6.37	93	845745	32.786	ng	100
12) 1,3-Dichlorobenzene	6.56	146	929729	35.902	ng	100
13) 1,4-Dichlorobenzene	6.64	146	988797	36.189	ng	100
14) 1,2-Dichlorobenzene	6.79	146	932428	38.643	ng	100
15) Benzyl Alcohol	6.78	79	716345	37.938	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.91	45	1481234	38.642	ng	100
17) 2-Methylphenol	6.90	107	796952	38.362	ng	100
18) Hexachloroethane	7.13	117	384256	39.809	ng	100
19) n-Nitroso-di-n-propylamine	7.05	70	651223	37.830	ng	100
20) 3+4-Methylphenols	7.06	107	1054647	39.504	ng	100
22) Acetophenone	7.05	105	1307725	34.884	ng	100
24) Nitrobenzene	7.22	77	1022558	35.090	ng	100
25) Isophorone	7.46	82	1913905	33.537	ng	100
26) 2-Nitrophenol	7.53	139	534785	34.157	ng	100
27) 2,4-Dimethylphenol	7.58	122	773176	33.956	ng	100
28) bis(2-Chloroethoxy)methane	7.67	93	1211425	34.863	ng	100
29) 2,4-Dichlorophenol	7.78	162	785162	34.525	ng	100
30) 1,2,4-Trichlorobenzene	7.85	180	858329	33.514	ng	100
31) Naphthalene	7.93	128	2670817	34.223	ng	100
32) Benzoic acid	7.73	122	531647	35.133	ng	100
33) 4-Chloroaniline	7.99	127	1231394	35.871	ng	100
34) Hexachlorobutadiene	8.05	225	493987	33.536	ng	100
35) Caprolactam	8.37	113	255945	36.976	ng	100
36) 4-Chloro-3-methylphenol	8.49	107	820223	33.484	ng	100
37) 2-Methylnaphthalene	8.62	142	1790335	33.571	ng	100
38) 1-Methylnaphthalene	8.72	142	1724095	33.171	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.79	216	810652	36.719	ng	100

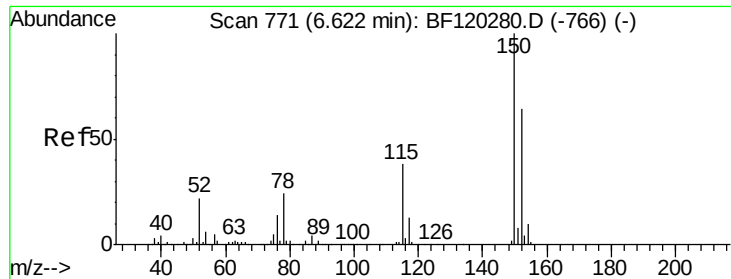
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
 Data File : BF120280.D
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 Operator : MA/SJ
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 QLast Update : Thu May 14 10:46:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	301282	38.263	ng	100
43) 2,4,6-Trichlorophenol	8.91	196	558155	39.541	ng	100
44) 2,4,5-Trichlorophenol	8.96	196	627859	38.811	ng	100
46) 1,1'-Biphenyl	9.09	154	2115919	36.414	ng	100
47) 2-Chloronaphthalene	9.11	162	1694521	38.196	ng	100
48) 2-Nitroaniline	9.22	65	602784	38.181	ng	100
49) Acenaphthylene	9.53	152	2529733	36.499	ng	100
50) Dimethylphthalate	9.40	163	1948880	35.511	ng	100
51) 2,6-Dinitrotoluene	9.46	165	449319	37.357	ng	100
52) Acenaphthene	9.70	154	1455224	34.667	ng	100
53) 3-Nitroaniline	9.63	138	504867	35.309	ng	100
54) 2,4-Dinitrophenol	9.74	184	197442	32.873	ng	100
55) Dibenzofuran	9.87	168	2089982	34.215	ng	100
56) 4-Nitrophenol	9.82	139	281744	36.332	ng	100
57) 2,4-Dinitrotoluene	9.86	165	501686	34.171	ng	100
58) Fluorene	10.21	166	1635539	34.122	ng	100
59) 2,3,4,6-Tetrachlorophenol	9.99	232	451044	35.429	ng	100
60) Diethylphthalate	10.09	149	1861364	34.006	ng	100
61) 4-Chlorophenyl-phenylether	10.20	204	818943	33.815	ng	100
62) 4-Nitroaniline	10.25	138	485423	33.953	ng	100
63) Azobenzene	10.37	77	1814161	35.376	ng	100
65) 4,6-Dinitro-2-methylphenol	10.27	198	289791	32.613	ng	100
66) n-Nitrosodiphenylamine	10.33	169	1534804	32.179	ng	100
67) 4-Bromophenyl-phenylether	10.69	248	537331	32.270	ng	100
68) Hexachlorobenzene	10.76	284	547045	31.635	ng	100
69) Atrazine	10.86	200	450560	44.524	ng	100
70) Pentachlorophenol	10.96	266	249001	35.082	ng	100
71) Phenanthrene	11.17	178	2275959	34.365	ng	100
72) Anthracene	11.22	178	2464275	34.703	ng	100
73) Carbazole	11.38	167	2305904	32.426	ng	100
74) Di-n-butylphthalate	11.72	149	2829174	31.518	ng	100
75) Fluoranthene	12.36	202	2523544	32.321	ng	100
77) Benzidine	12.49	184	1148049	49.081	ng	100
78) Pyrene	12.59	202	2793975	34.769	ng	100
80) Butylbenzylphthalate	13.21	149	1319511	34.556	ng	100
81) Benzo(a)anthracene	13.77	228	2038749	33.218	ng	100
82) 3,3'-Dichlorobenzidine	13.74	252	823644	37.033	ng	100
83) Chrysene	13.82	228	2242837	33.598	ng	100
84) Bis(2-ethylhexyl)phthalate	13.77	149	1609317	33.184	ng	100
85) Di-n-octyl phthalate	14.39	149	3007972	33.519	ng	100
86) Indeno(1,2,3-cd)pyrene	16.51	276	1966036	32.039	ng	100
88) Benzo(b)fluoranthene	14.79	252	2185452	35.409	ng	100
89) Benzo(k)fluoranthene	14.82	252	1754974	32.007	ng	100
90) Benzo(a)pyrene	15.12	252	1872927	34.232	ng	100
91) Dibenzo(a,h)anthracene	16.52	278	1616790	32.816	ng	100
92) Benzo(g,h,i)perylene	16.90	276	1598421	32.587	ng	100

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

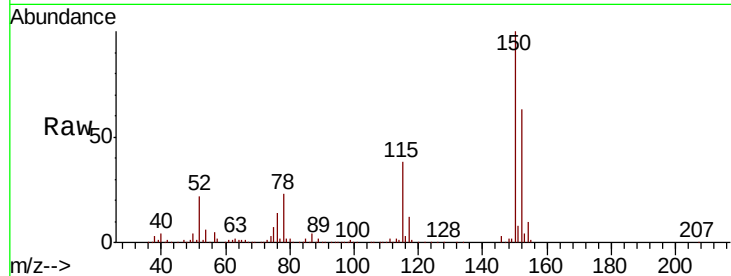


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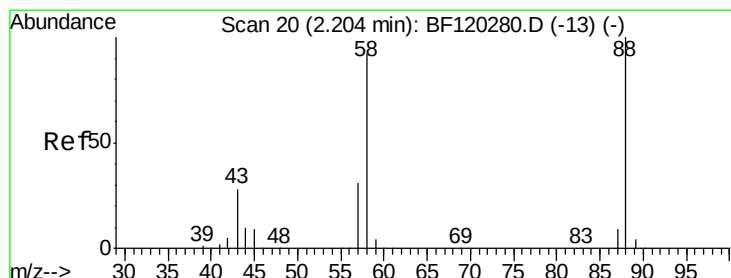
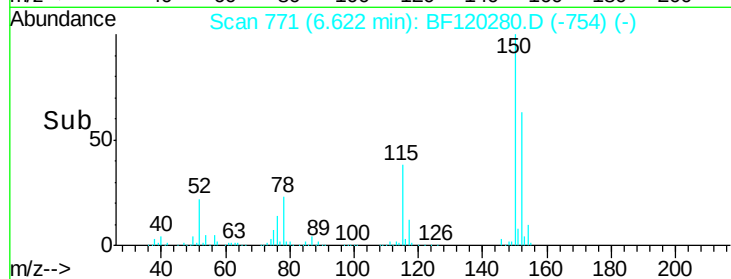
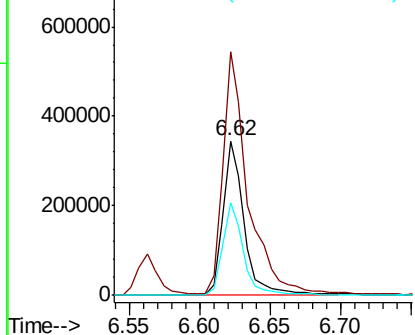
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.62 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF120280.D
Acq: 14 May 2020 10:14

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	126.2	189.2
115	59.9	47.9	71.9



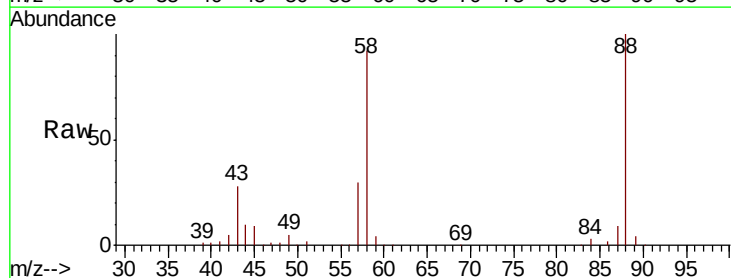
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



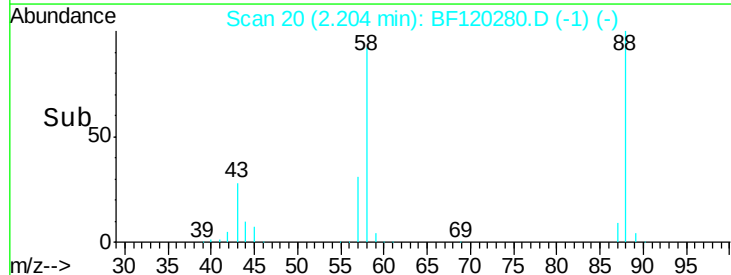
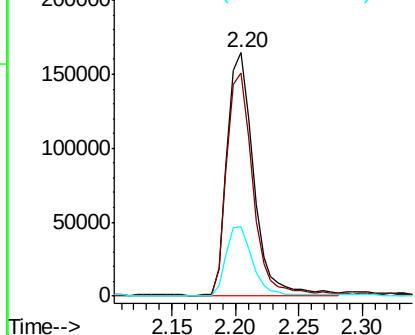
#2

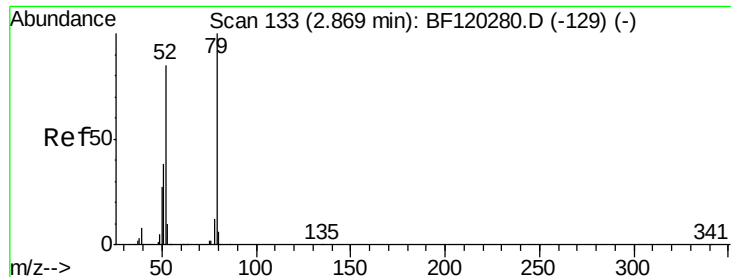
1,4-Dioxane
Concen: 21.946 ng
RT: 2.20 min Scan# 20
Delta R.T. 0.00 min
Lab File: BF120280.D
Acq: 14 May 2020 10:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	94.7	75.8	113.6
43	29.5	23.6	35.4



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: 29.704 ng

RT: 2.87 min Scan# 133

Delta R.T. 0.00 min

Lab File: BF120280.D

Acq: 14 May 2020 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

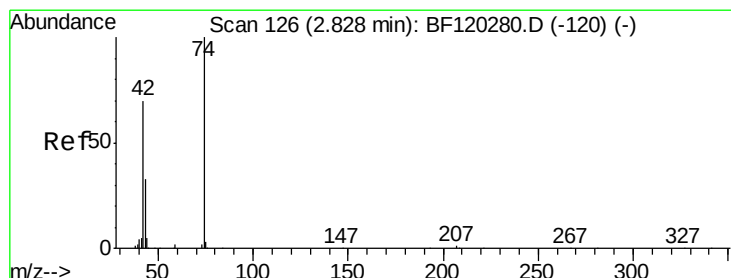
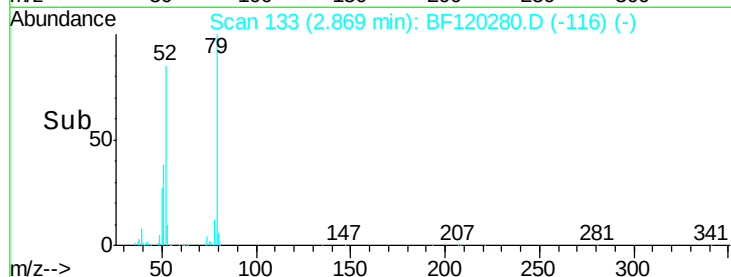
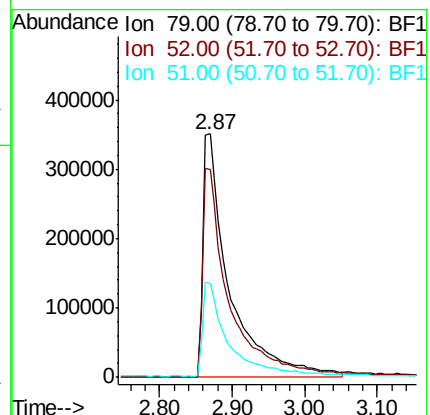
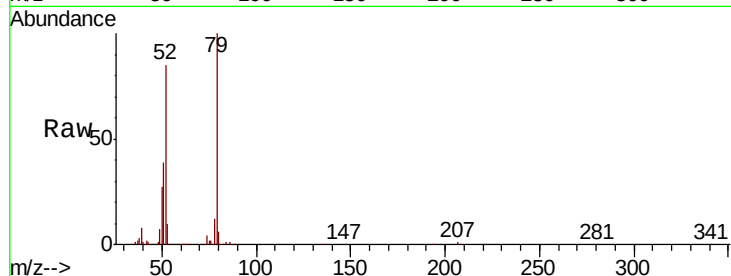
Tot Ion: 79 Resp: 889511

Ion Ratio Lower Upper

79 100

52 85.5 68.4 102.6

51 38.7 31.0 46.4



#4

n-Nitrosodimethylamine

Concen: 29.235 ng

RT: 2.83 min Scan# 126

Delta R.T. 0.00 min

Lab File: BF120280.D

Acq: 14 May 2020 10:14

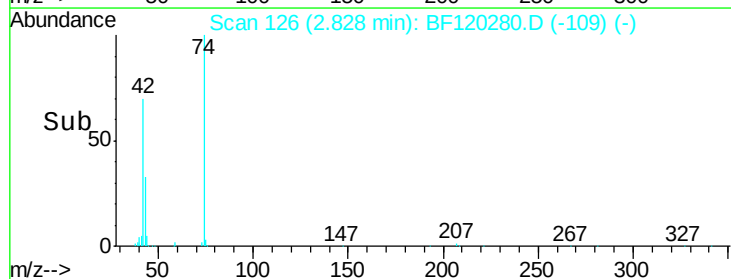
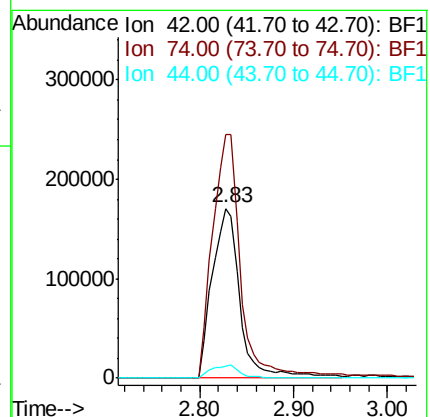
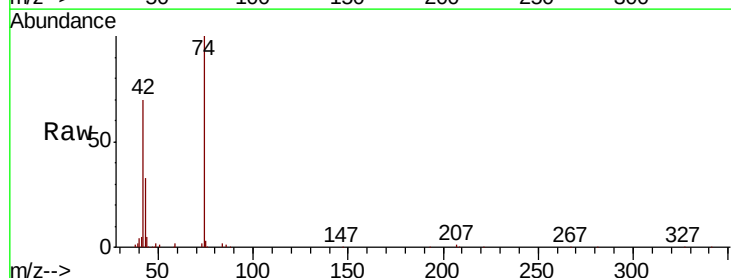
Tgt Ion: 42 Resp: 354028

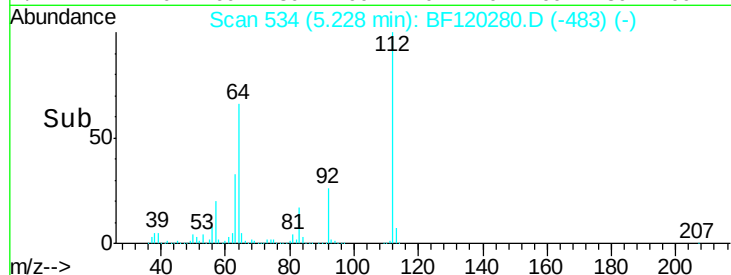
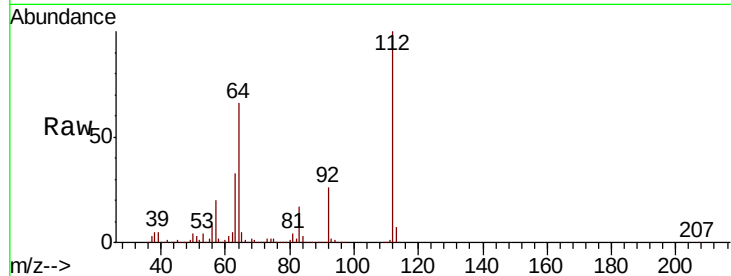
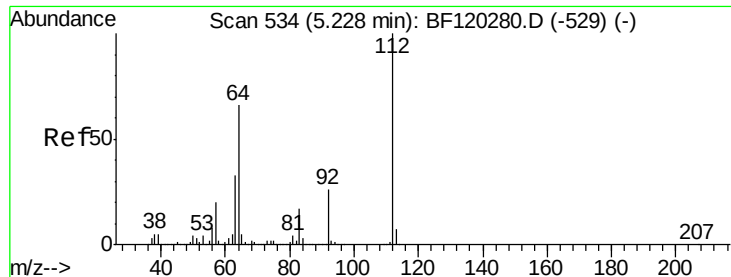
Ion Ratio Lower Upper

42 100

74 143.5 114.8 172.2

44 7.0 5.6 8.4





#5

2-Fluorophenol

Concen: 62.202 ng

RT: 5.23 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF120280.D

Acq: 14 May 2020 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

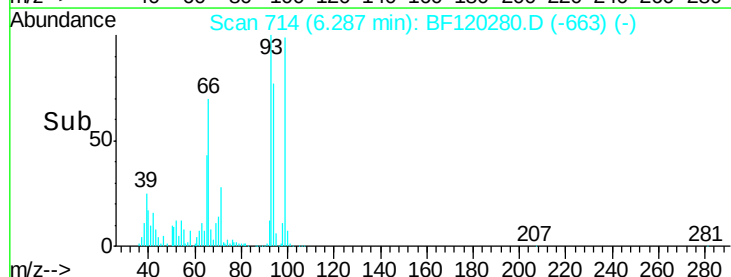
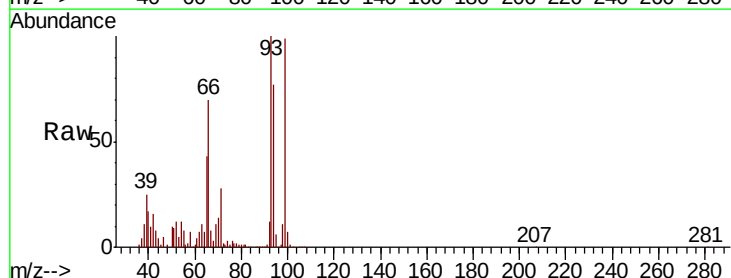
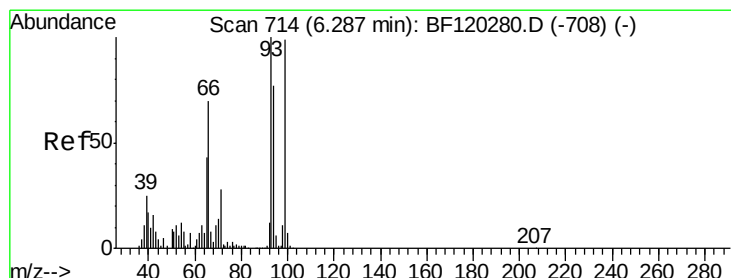
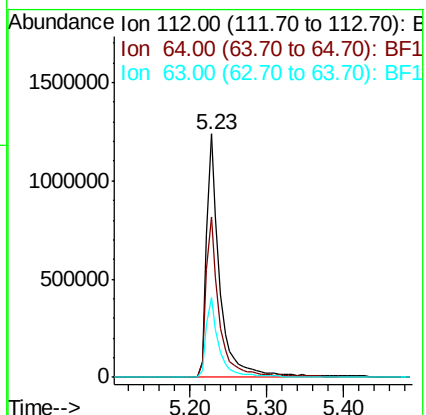
Tot Ion:112 Resp: 1485475

Ion Ratio Lower Upper

112 100

64 65.9 52.7 79.1

63 32.8 26.2 39.4



#6

Aniline

Concen: 33.949 ng

RT: 6.29 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF120280.D

Acq: 14 May 2020 10:14

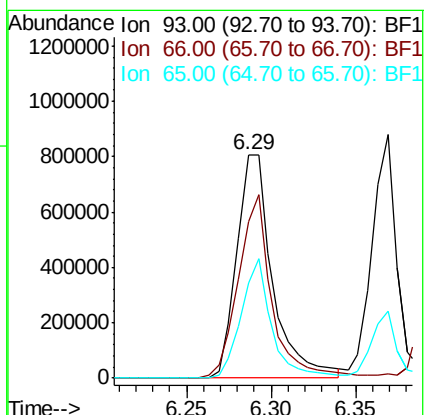
Tgt Ion: 93 Resp: 1199242

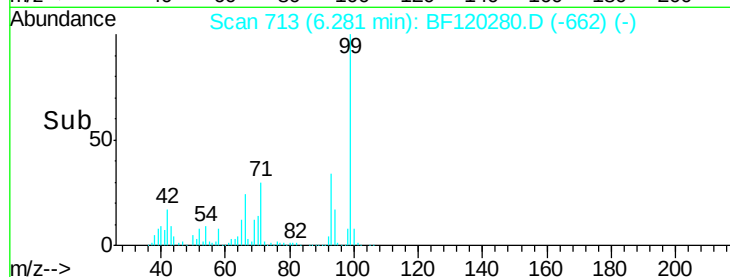
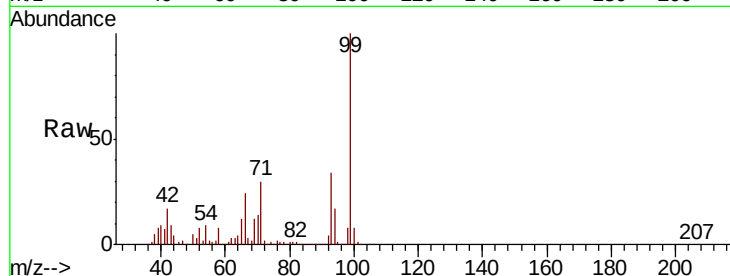
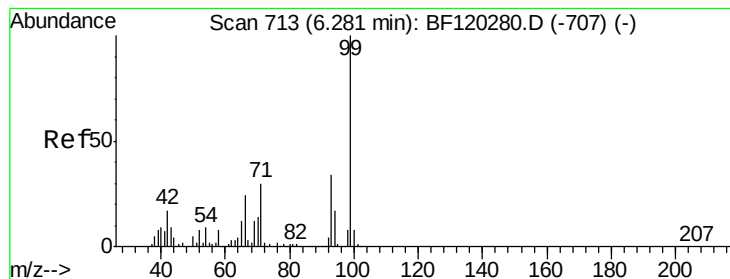
Ion Ratio Lower Upper

93 100

66 70.3 56.2 84.4

65 42.7 34.2 51.2





#7

Phenol-d6

Concen: 64.374 ng

RT: 6.28 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF120280.D

Acq: 14 May 2020 10:14

Instrument :

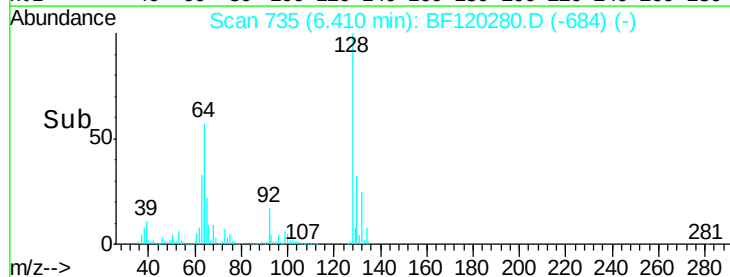
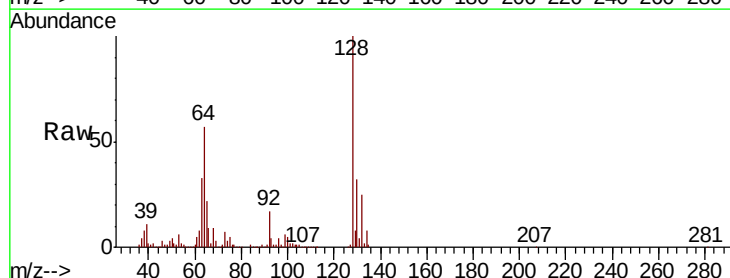
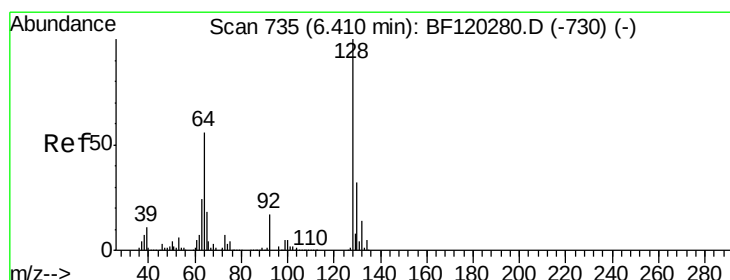
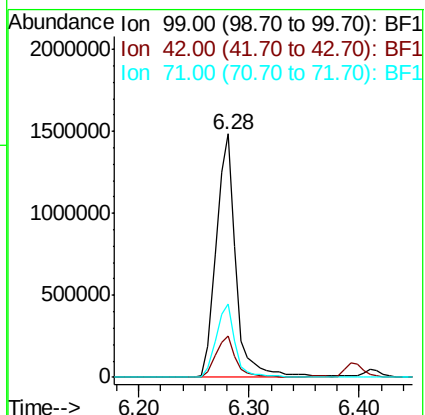
BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion: 99 Resp: 1843530

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.6	20.4
71	30.3	24.2	36.4



#8

2-Chlorophenol

Concen: 34.877 ng

RT: 6.41 min Scan# 735

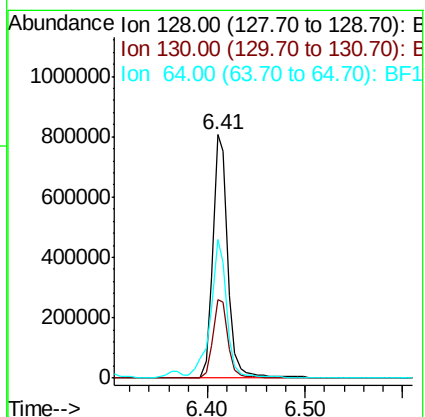
Delta R.T. 0.00 min

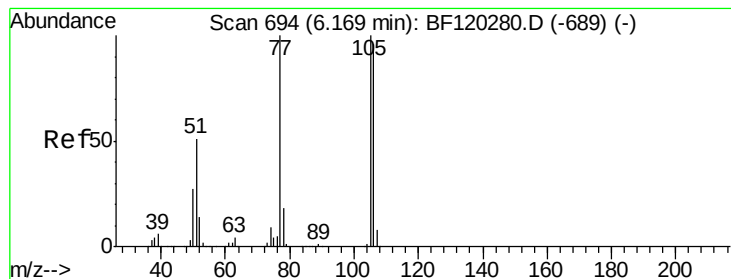
Lab File: BF120280.D

Acq: 14 May 2020 10:14

Tgt Ion: 128 Resp: 858642

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.4	52.4
64	56.7	36.7	76.7





#9

Benzaldehyde

Concen: 41.375 ng

RT: 6.17 min Scan# 694

Delta R.T. 0.00 min

Lab File: BF120280.D

Acq: 14 May 2020 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

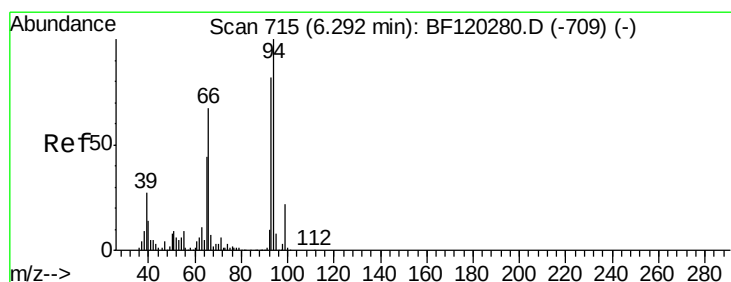
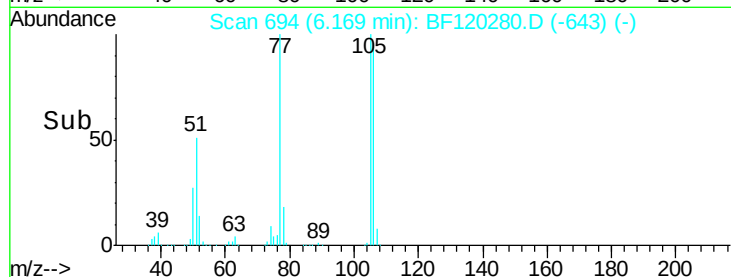
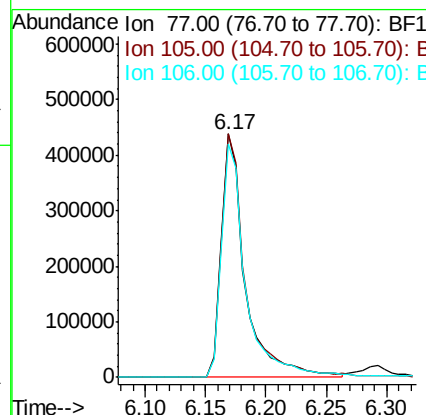
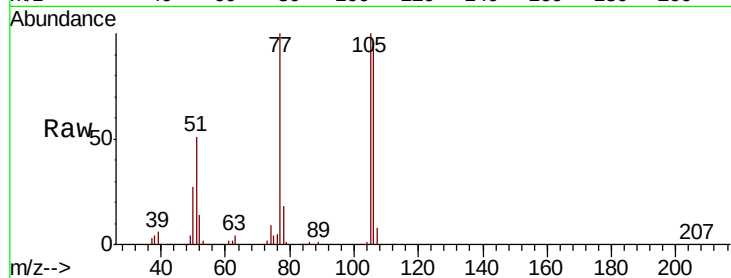
Tot Ion: 77 Resp: 594666

Ion Ratio Lower Upper

77 100

105 99.9 79.9 119.9

106 95.7 75.7 115.7



#10

Phenol

Concen: 34.306 ng

RT: 6.29 min Scan# 715

Delta R.T. 0.00 min

Lab File: BF120280.D

Acq: 14 May 2020 10:14

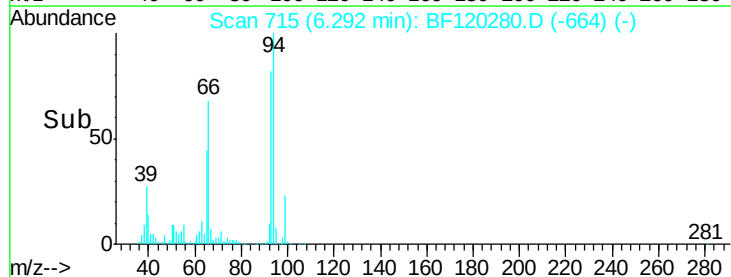
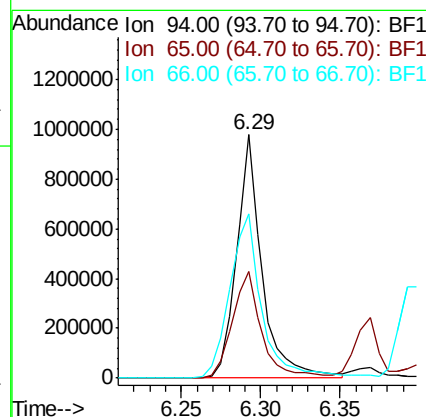
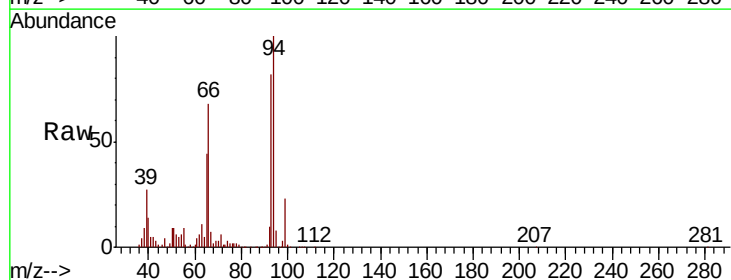
Tgt Ion: 94 Resp: 1091951

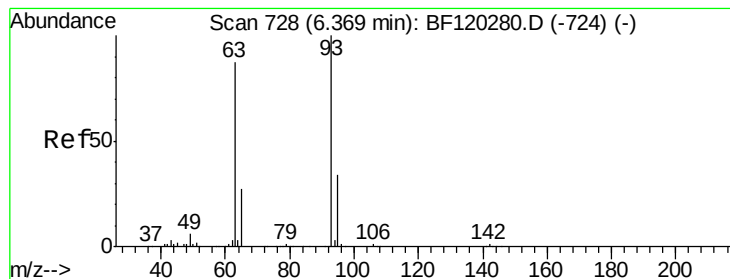
Ion Ratio Lower Upper

94 100

65 44.1 24.1 64.1

66 67.5 47.5 87.5





#11

bis(2-Chloroethyl)ether

Concen: 32.786 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF120280.D

Acq: 14 May 2020 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

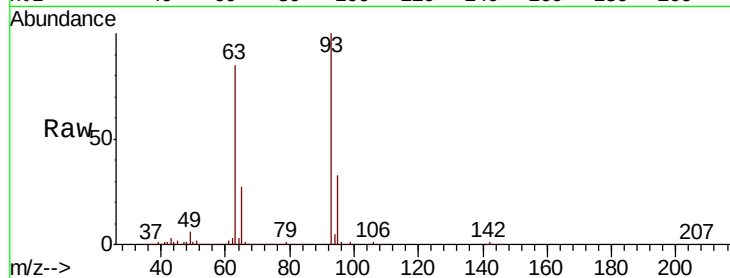
Tot Ion: 93 Resp: 845745

Ion Ratio Lower Upper

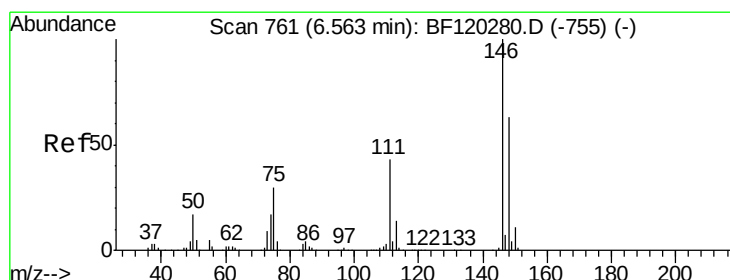
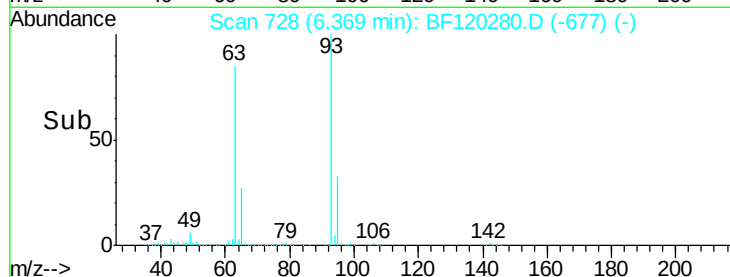
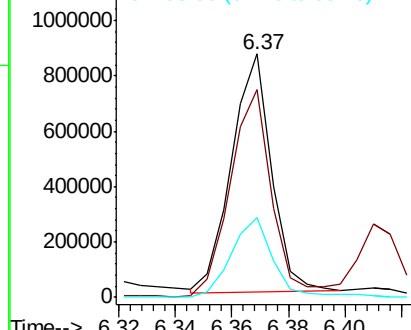
93 100

63 85.4 65.4 105.4

95 32.9 12.9 52.9



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



#12

1,3-Dichlorobenzene

Concen: 35.902 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.00 min

Lab File: BF120280.D

Acq: 14 May 2020 10:14

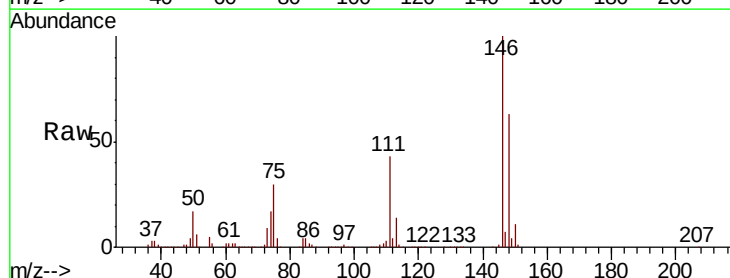
Tgt Ion: 146 Resp: 929729

Ion Ratio Lower Upper

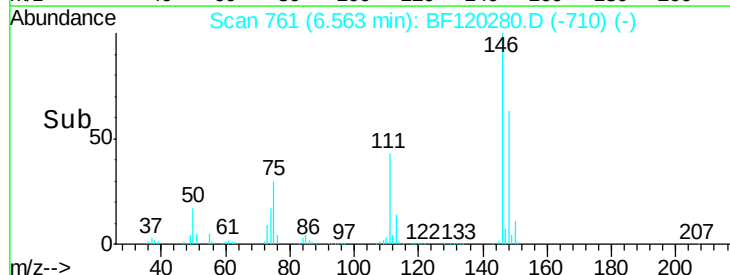
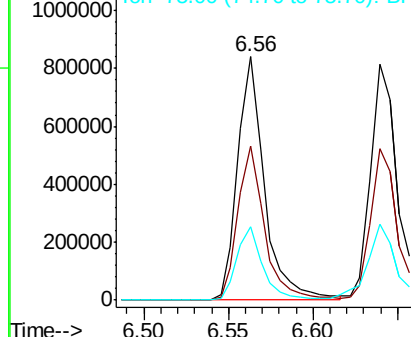
146 100

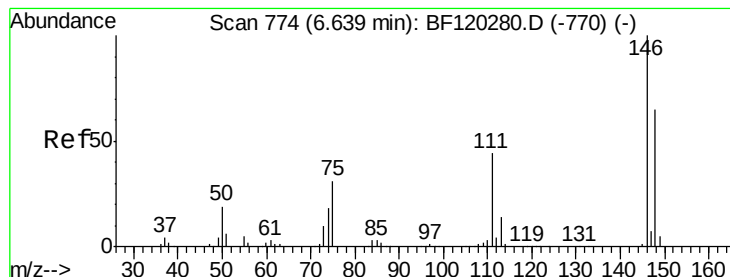
148 63.1 50.5 75.7

75 30.3 24.2 36.4



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





#13

1,4-Dichlorobenzene

Concen: 36.189 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF120280.D

Acq: 14 May 2020 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

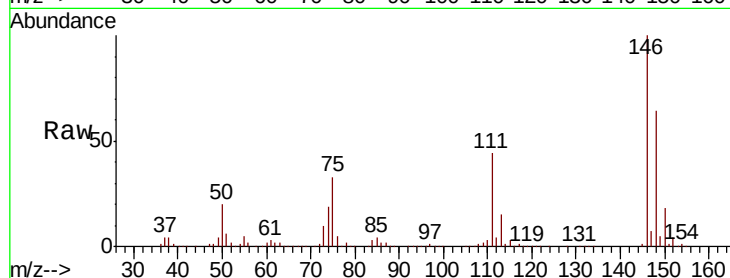
Tot Ion:146 Resp: 988797

Ion Ratio Lower Upper

146 100

148 64.5 51.6 77.4

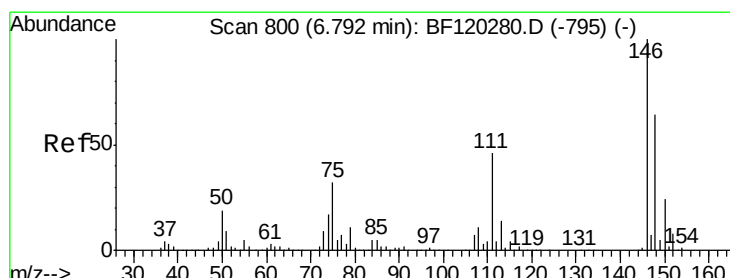
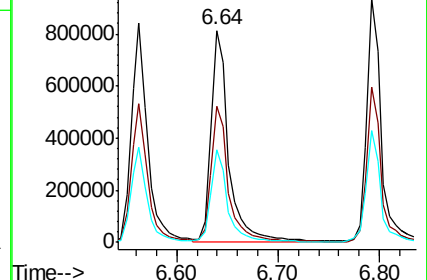
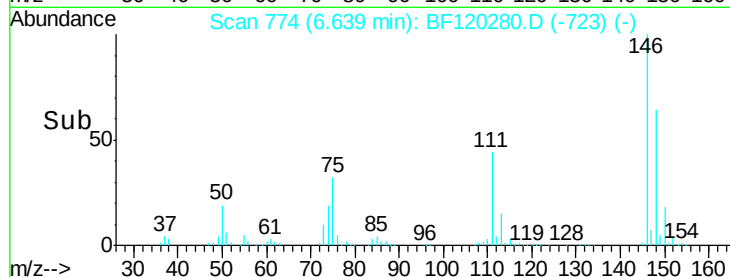
111 43.9 35.1 52.7



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: 38.643 ng

RT: 6.79 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF120280.D

Acq: 14 May 2020 10:14

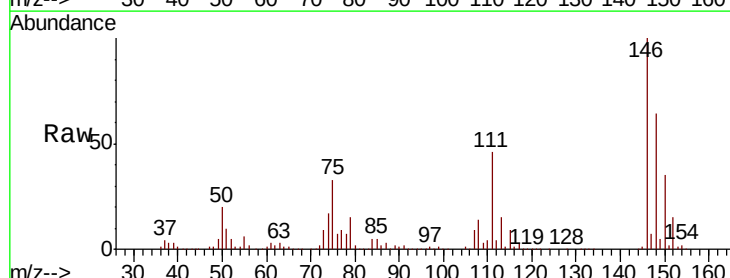
Tgt Ion:146 Resp: 932428

Ion Ratio Lower Upper

146 100

148 63.9 51.1 76.7

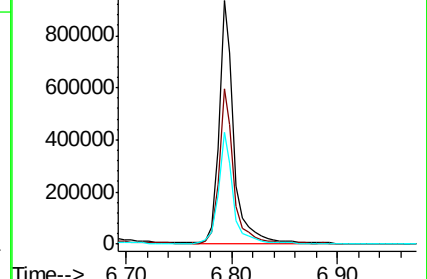
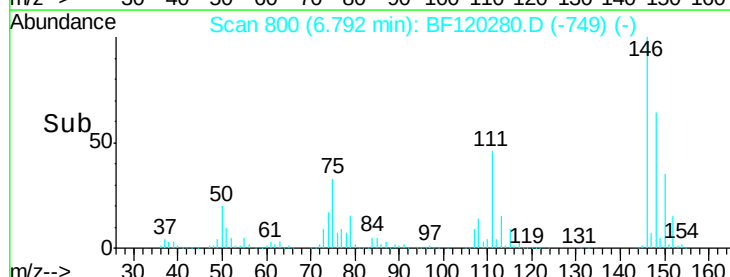
111 45.8 36.6 55.0

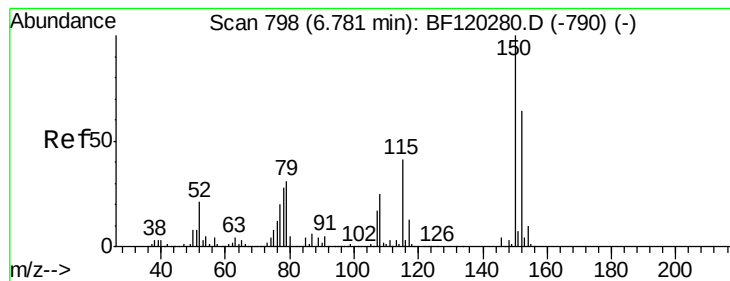


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.938 ng

RT: 6.78 min Scan# 798

Delta R.T. 0.00 min

Lab File: BF120280.D

Acq: 14 May 2020 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

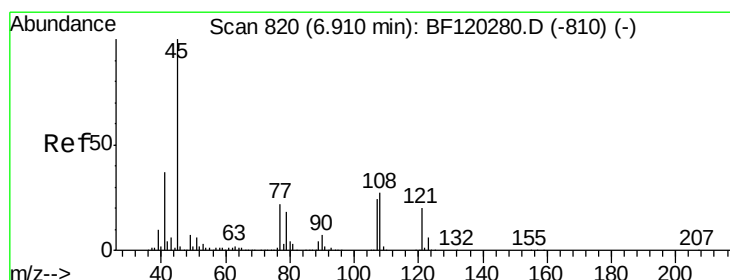
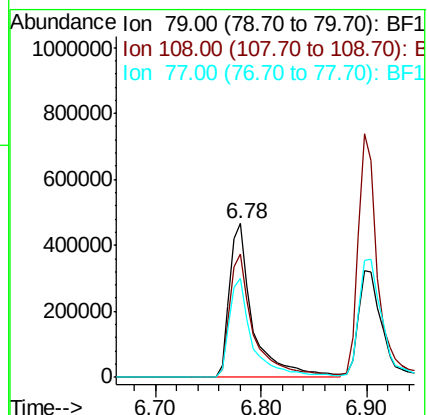
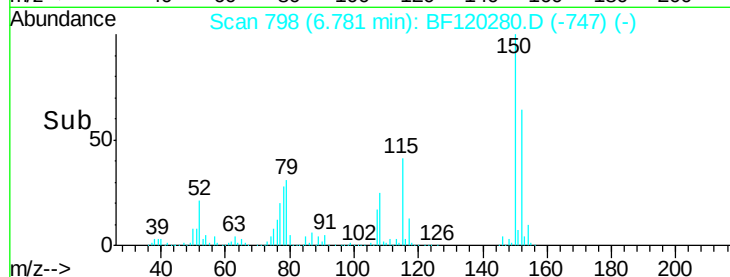
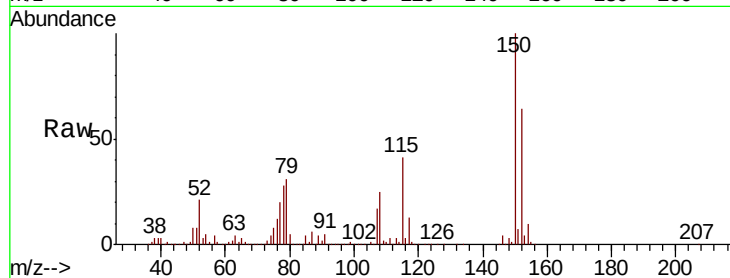
Tot Ion: 79 Resp: 716345

Ion Ratio Lower Upper

79 100

108 80.3 64.2 96.4

77 64.5 51.6 77.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.642 ng

RT: 6.91 min Scan# 820

Delta R.T. 0.00 min

Lab File: BF120280.D

Acq: 14 May 2020 10:14

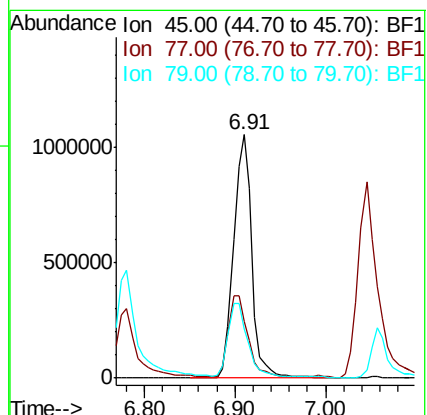
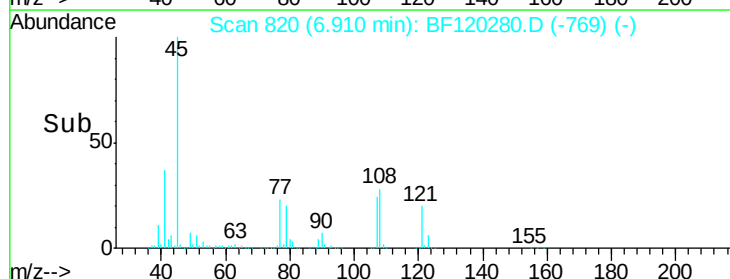
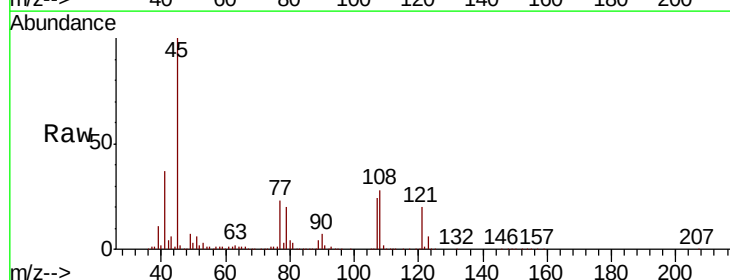
Tgt Ion: 45 Resp: 1481234

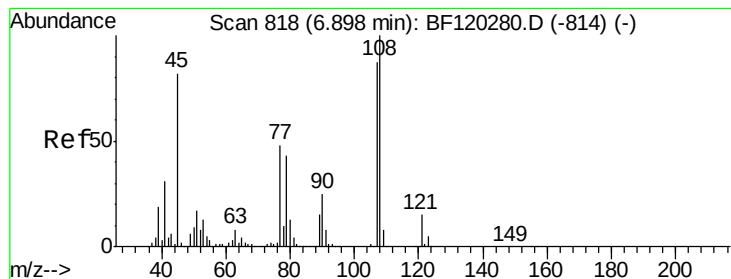
Ion Ratio Lower Upper

45 100

77 23.1 3.1 43.1

79 20.0 0.0 40.0





#17

2-Methylphenol

Concen: 38.362 ng

RT: 6.90 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF120280.D

Acq: 14 May 2020 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:107 Resp: 796952

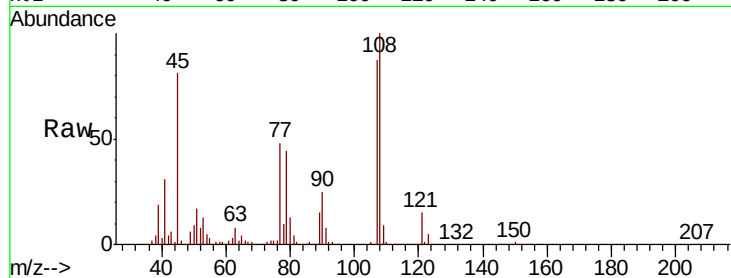
Ion Ratio Lower Upper

107 100

108 115.5 92.4 138.6

77 55.6 44.5 66.7

79 50.5 40.4 60.6

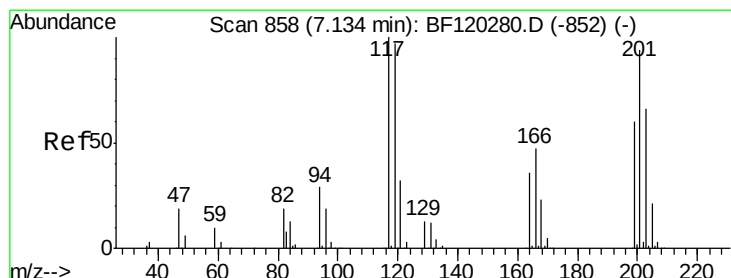
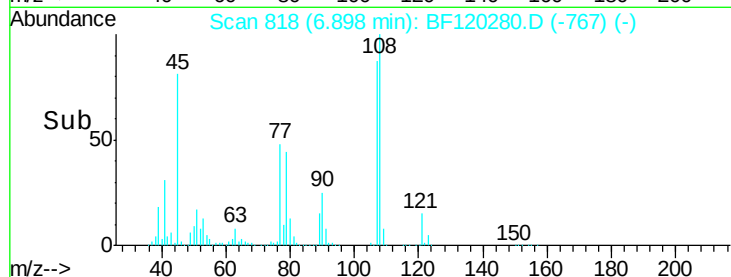
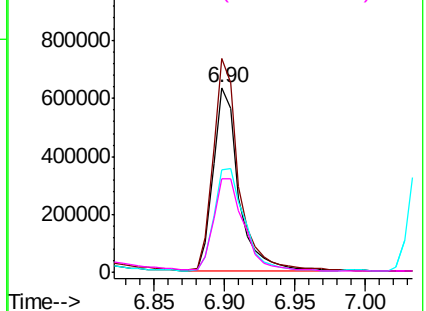


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.809 ng

RT: 7.13 min Scan# 858

Delta R.T. 0.00 min

Lab File: BF120280.D

Acq: 14 May 2020 10:14

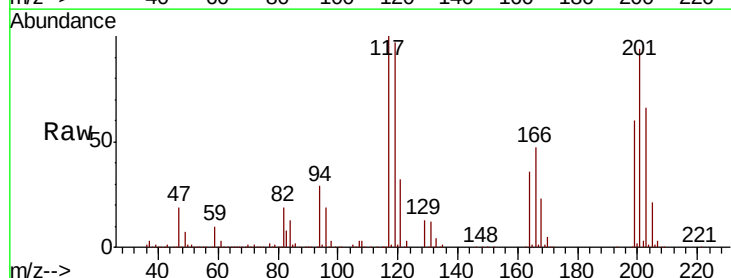
Tgt Ion:117 Resp: 384256

Ion Ratio Lower Upper

117 100

119 96.7 77.4 116.0

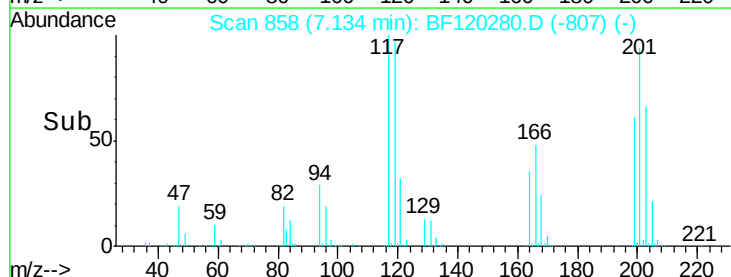
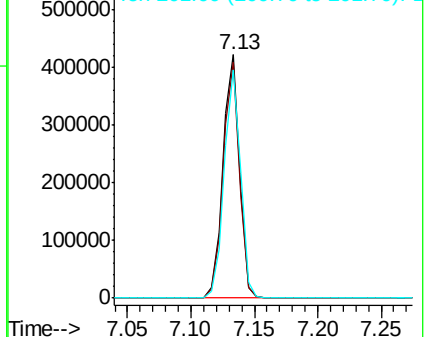
201 93.6 74.9 112.3

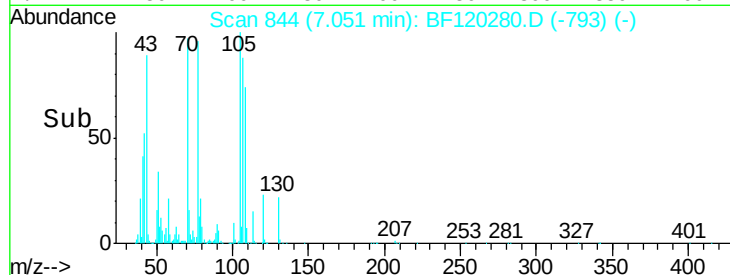
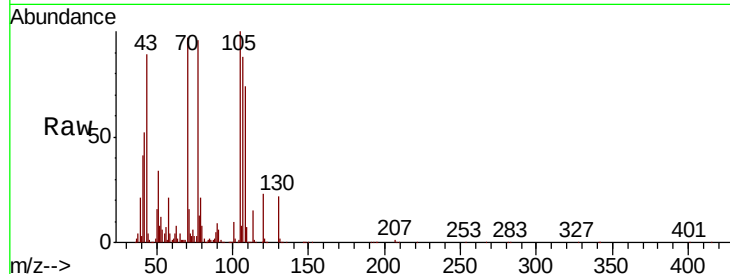
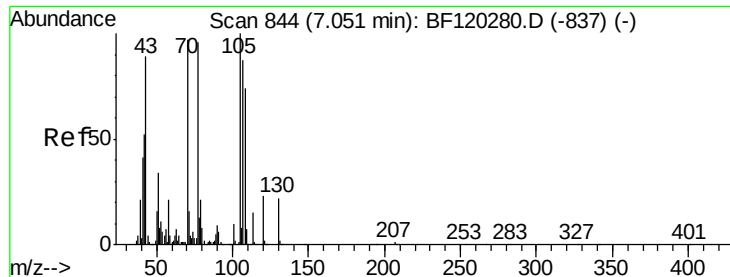


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

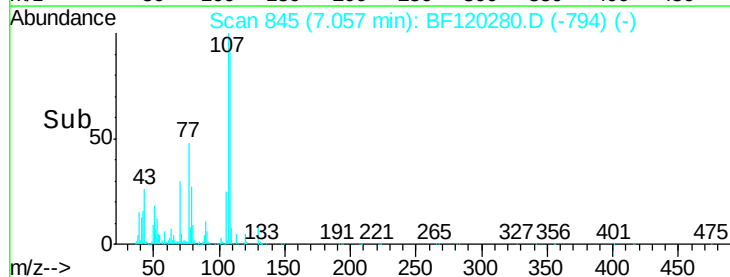
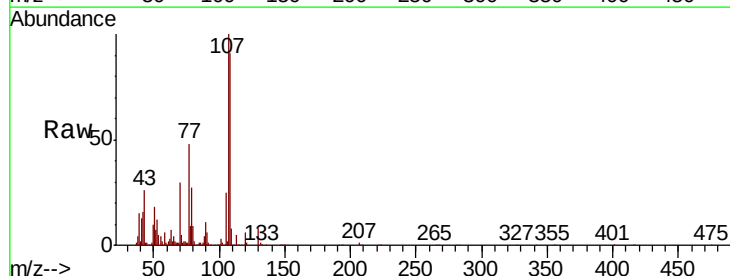
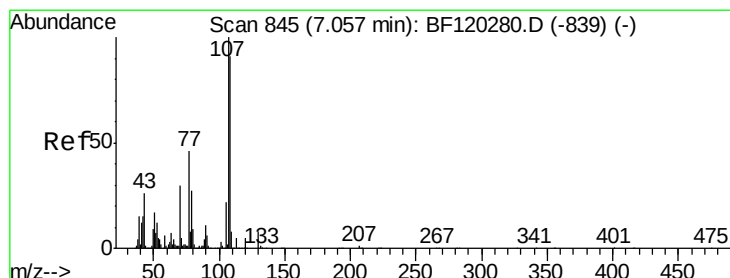
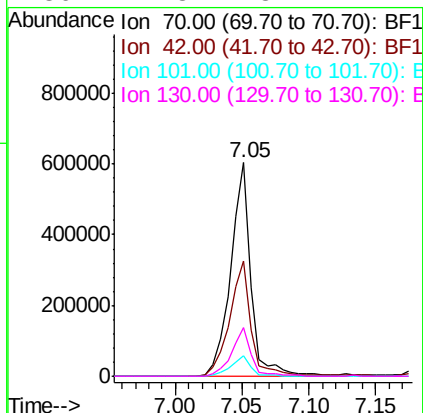




#19
n-Nitroso-di-n-propylamine
Concen: 37.830 ng
RT: 7.05 min Scan# 844
Delta R.T. 0.00 min
Lab File: BF120280.D
Acq: 14 May 2020 10:14

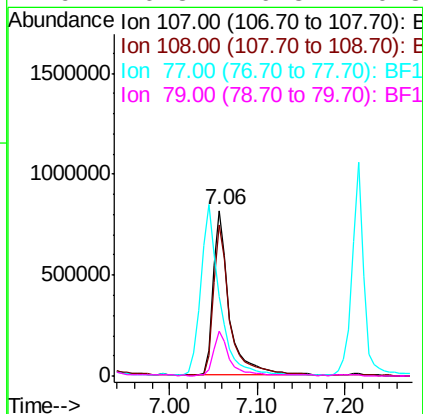
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

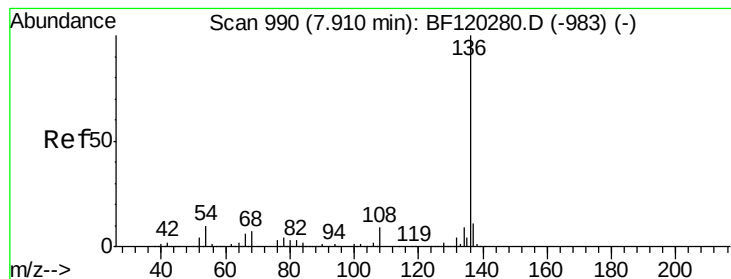
Tot Ion:	70	Resp:	651223
Ion	Ratio	Lower	Upper
70	100		
42	54.2	43.4	65.0
101	9.8	7.8	11.8
130	22.8	18.2	27.4



#20
3+4-Methylphenols
Concen: 39.504 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF120280.D
Acq: 14 May 2020 10:14

Tgt Ion:	107	Resp:	1054647
Ion	Ratio	Lower	Upper
107	100		
108	91.1	71.1	111.1
77	48.1	28.1	68.1
79	26.8	6.8	46.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.91 min Scan# 990

Delta R.T. 0.00 min

Lab File: BF120280.D

Acq: 14 May 2020 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:136 Resp: 1548535

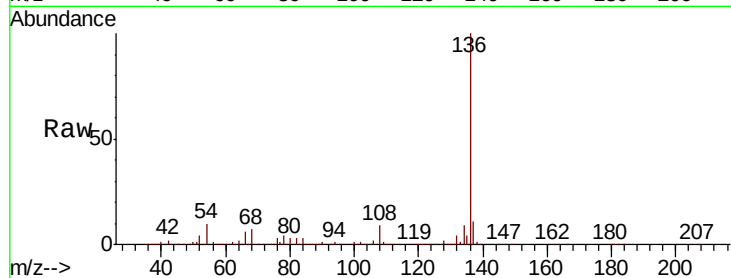
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 9.9 7.9 11.9

68 6.8 5.4 8.2

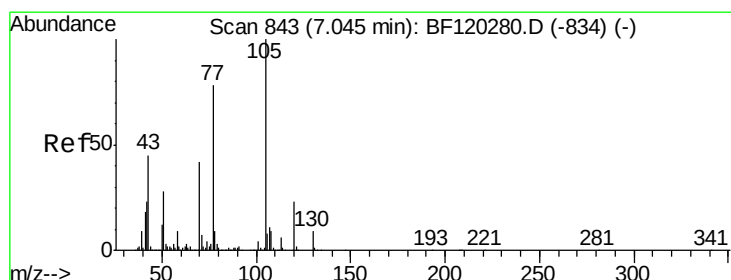
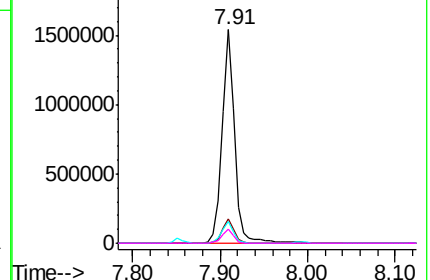
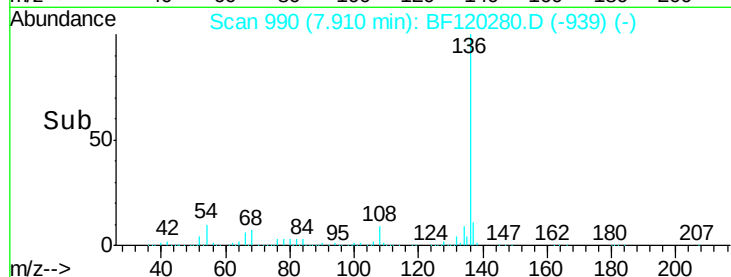


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 34.884 ng

RT: 7.05 min Scan# 843

Delta R.T. 0.00 min

Lab File: BF120280.D

Acq: 14 May 2020 10:14

Tgt Ion:105 Resp: 1307725

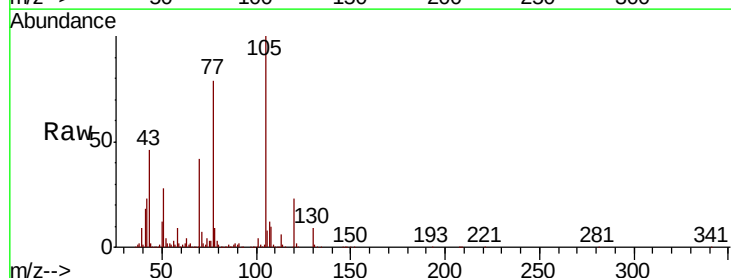
Ion Ratio Lower Upper

105 100

71 7.0 5.6 8.4

51 28.3 22.6 34.0

120 23.4 18.7 28.1

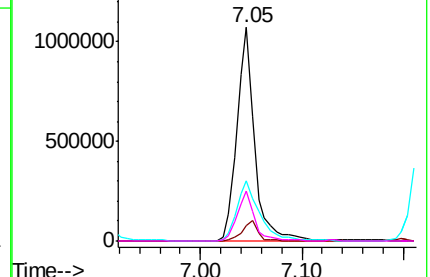
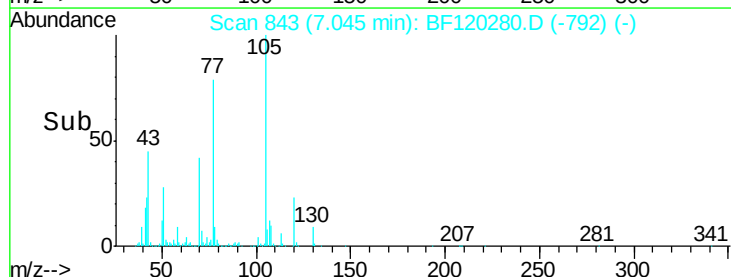


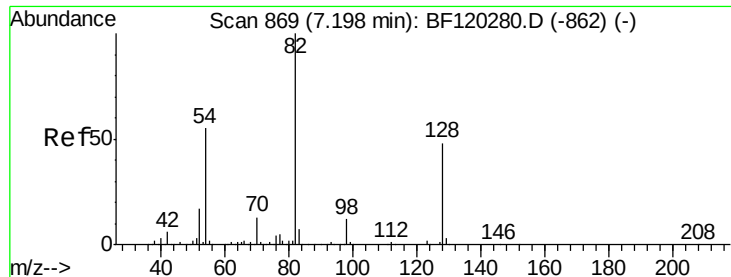
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

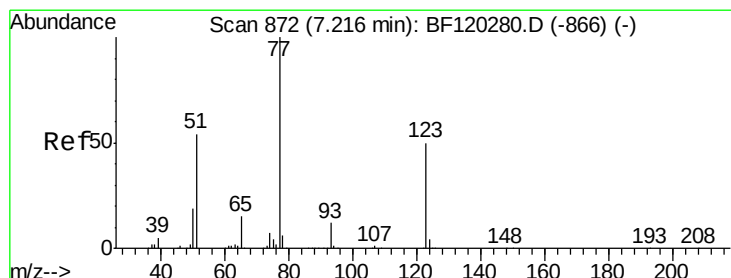
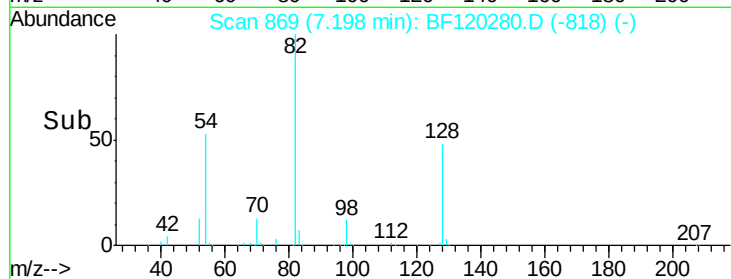
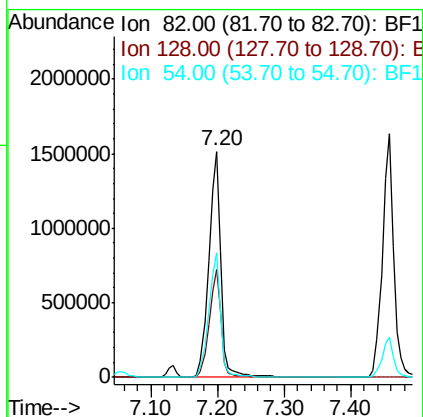
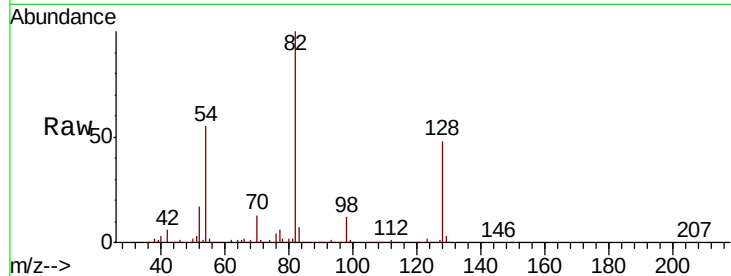




#23
Nitrobenzene-d5
Concen: 66.661 ng
RT: 7.20 min Scan# 869
Delta R.T. 0.00 min
Lab File: BF120280.D
Acq: 14 May 2020 10:14

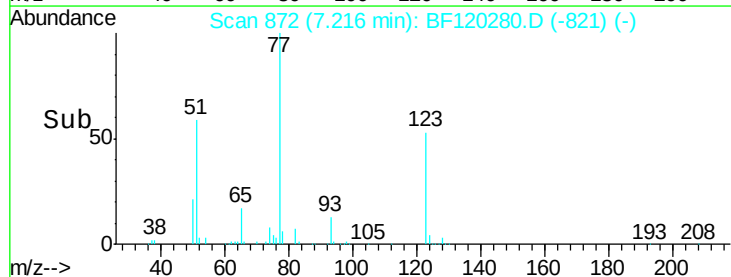
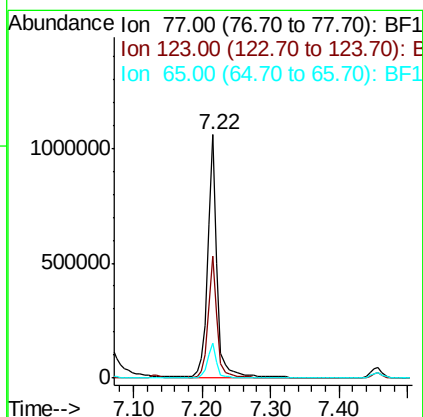
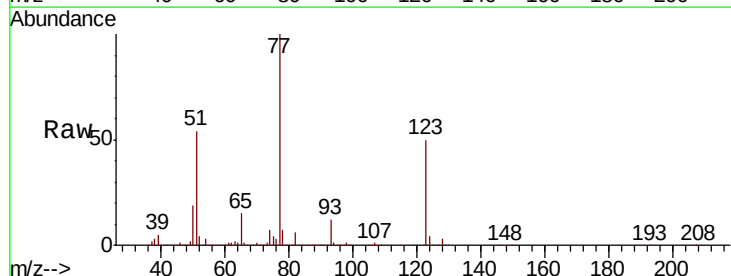
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

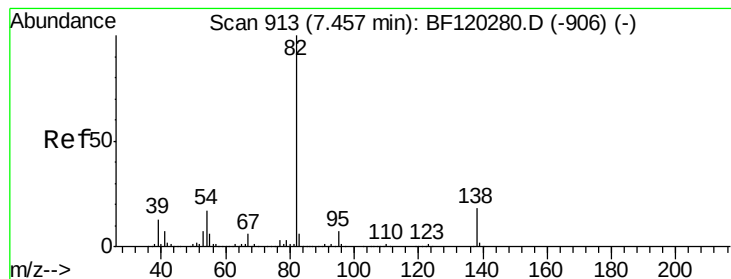
Tot Ion: 82 Resp: 1903748
Ion Ratio Lower Upper
82 100
128 47.9 38.3 57.5
54 54.9 43.9 65.9



#24
Nitrobenzene
Concen: 35.090 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF120280.D
Acq: 14 May 2020 10:14

Tgt Ion: 77 Resp: 1022558
Ion Ratio Lower Upper
77 100
123 50.0 40.0 60.0
65 14.6 11.7 17.5





#25

Isophorone

Concen: 33.537 ng

RT: 7.46 min Scan# 913

Delta R.T. 0.00 min

Lab File: BF120280.D

Acq: 14 May 2020 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

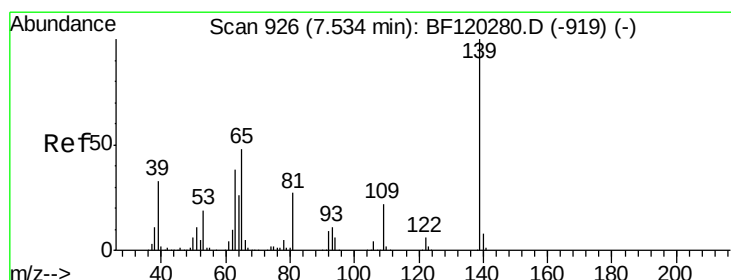
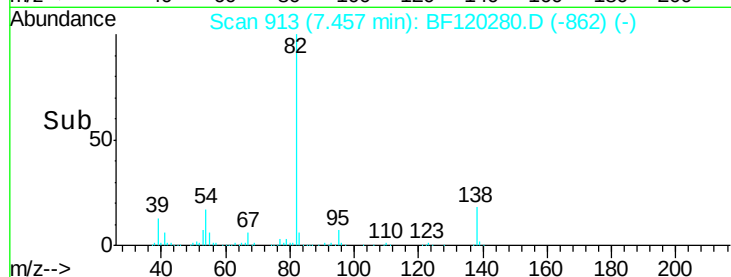
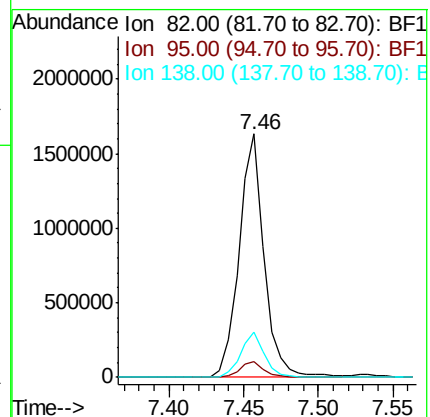
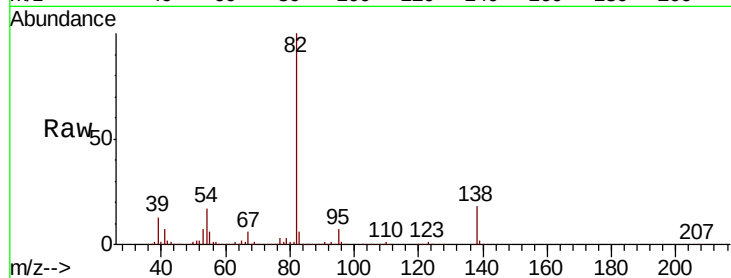
Tot Ion: 82 Resp: 1913905

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.0

138 18.4 14.7 22.1



#26

2-Nitrophenol

Concen: 34.157 ng

RT: 7.53 min Scan# 926

Delta R.T. 0.00 min

Lab File: BF120280.D

Acq: 14 May 2020 10:14

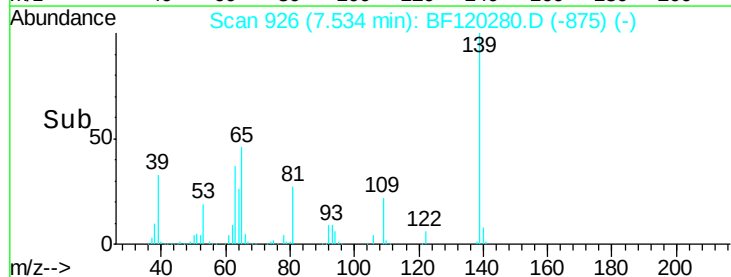
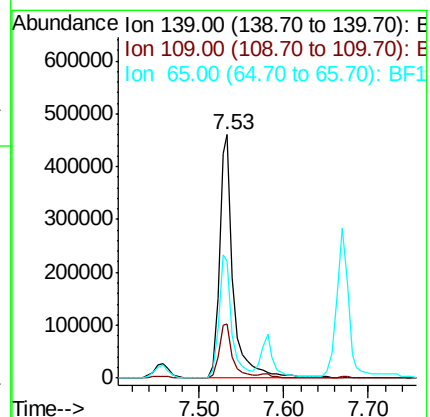
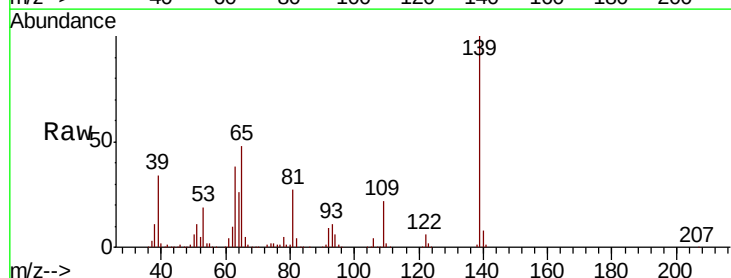
Tgt Ion: 139 Resp: 534785

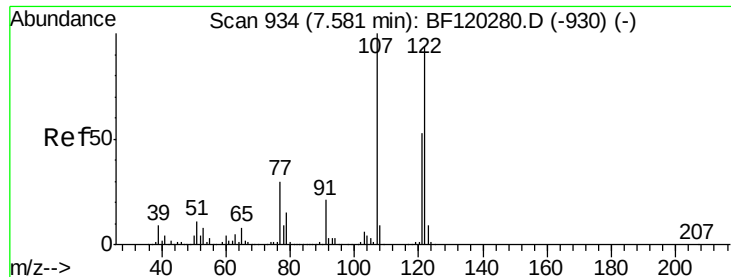
Ion Ratio Lower Upper

139 100

109 22.1 17.7 26.5

65 47.9 38.3 57.5





#27

2,4-Dimethylphenol

Concen: 33.956 ng

RT: 7.58 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF120280.D

Acq: 14 May 2020 10:14

Instrument :

BNA_F

ClientSampled :

SSTDICCC040

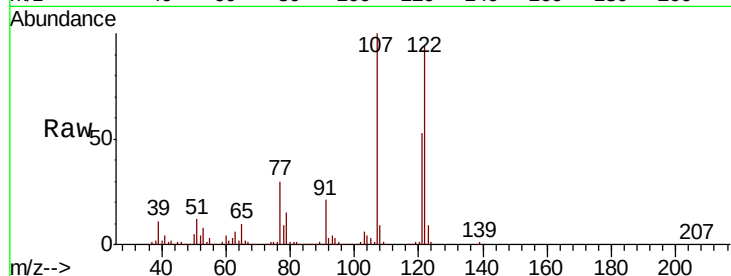
Tot Ion:122 Resp: 773176

Ion Ratio Lower Upper

122 100

107 106.3 85.0 127.6

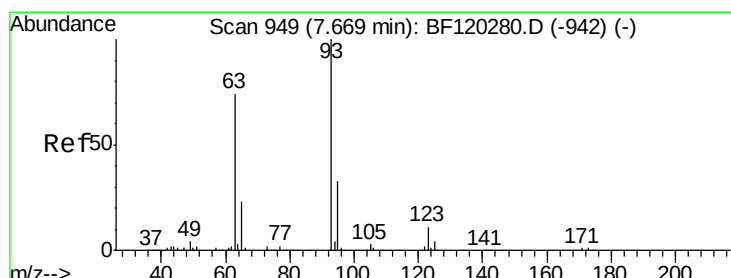
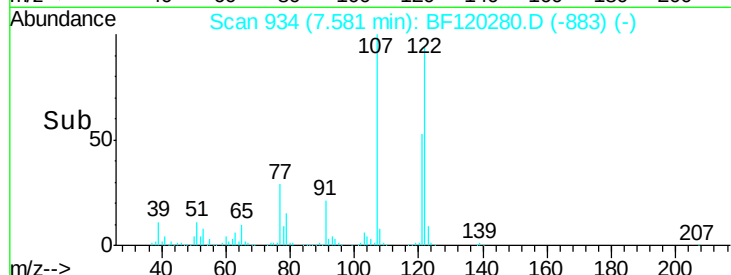
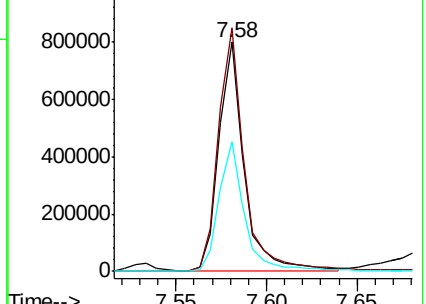
121 56.4 45.1 67.7



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: 34.863 ng

RT: 7.67 min Scan# 949

Delta R.T. 0.00 min

Lab File: BF120280.D

Acq: 14 May 2020 10:14

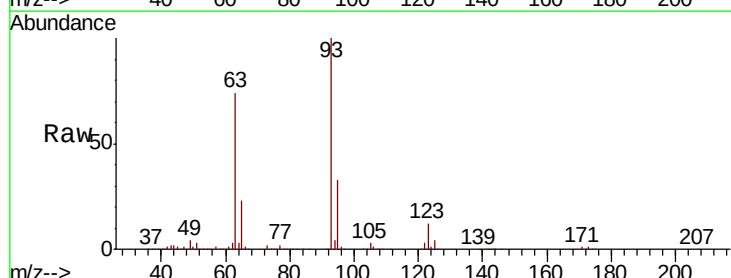
Tgt Ion: 93 Resp: 1211425

Ion Ratio Lower Upper

93 100

95 33.5 26.8 40.2

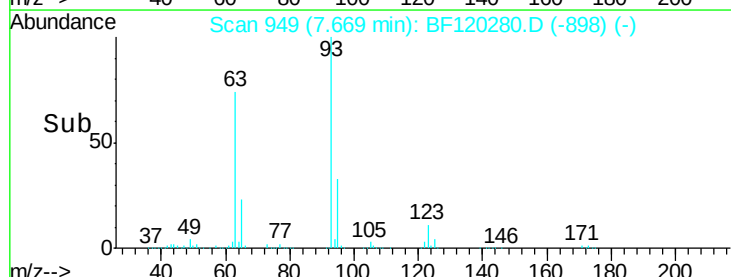
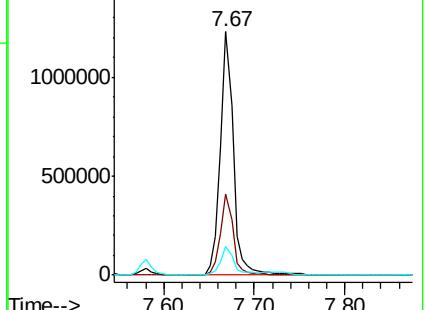
123 11.5 9.2 13.8

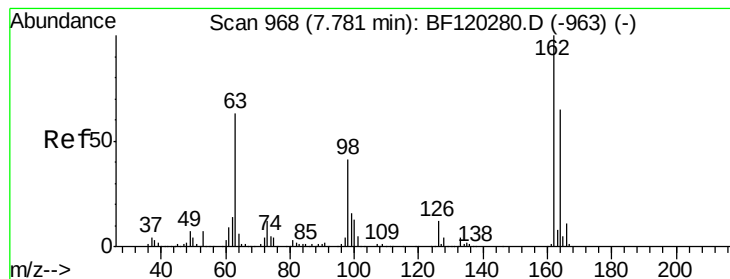


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 34.525 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF120280.D

Acq: 14 May 2020 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

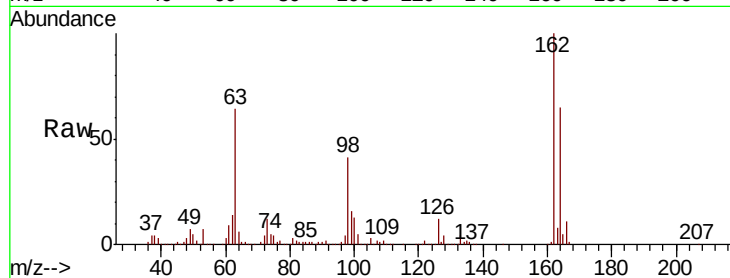
Tot Ion:162 Resp: 785162

Ion Ratio Lower Upper

162 100

164 64.9 44.9 84.9

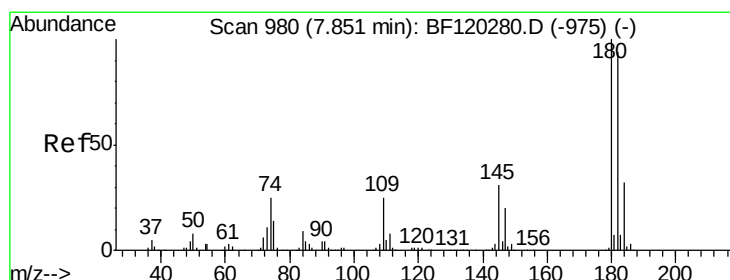
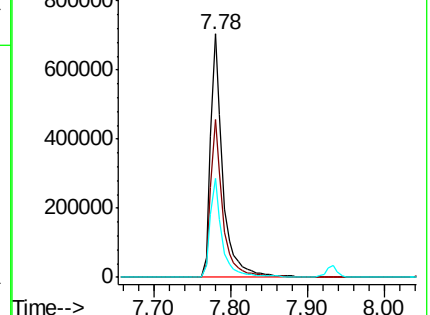
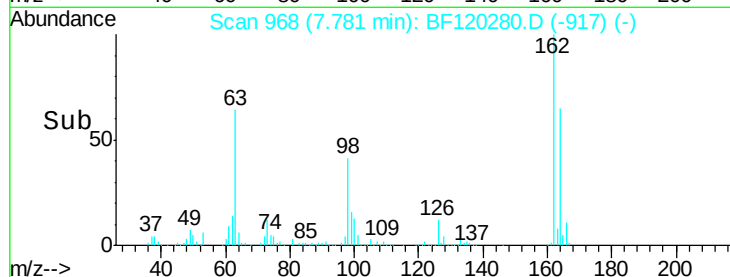
98 40.7 20.7 60.7



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 33.514 ng

RT: 7.85 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF120280.D

Acq: 14 May 2020 10:14

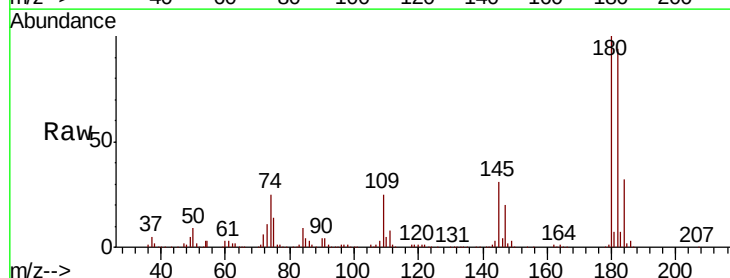
Tgt Ion:180 Resp: 858329

Ion Ratio Lower Upper

180 100

182 94.1 75.3 112.9

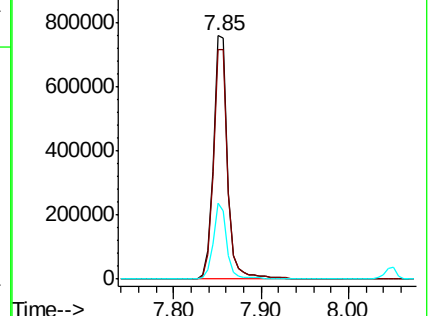
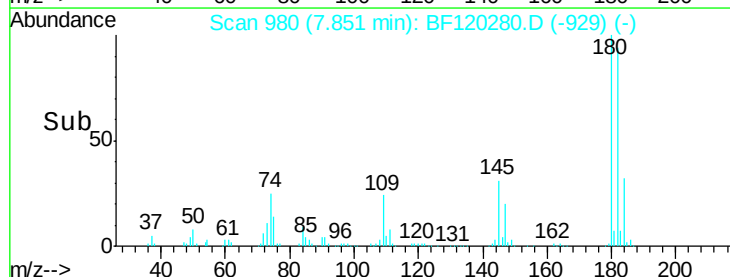
145 31.1 24.9 37.3

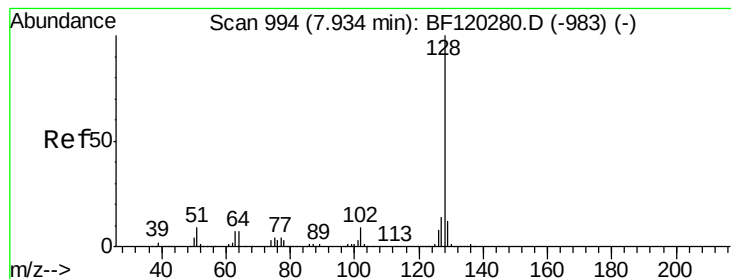


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 34.223 ng

RT: 7.93 min Scan# 994

Delta R.T. 0.00 min

Lab File: BF120280.D

Acq: 14 May 2020 10:14

Instrument :

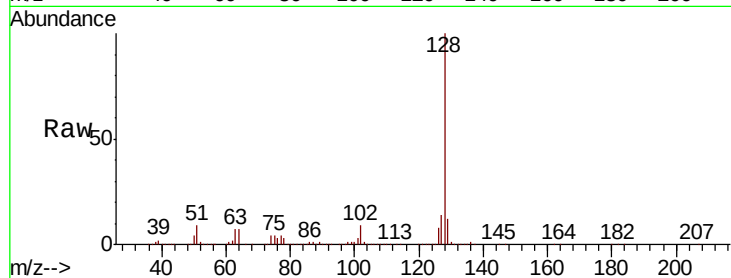
BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:128 Resp: 2670817

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.3	13.9
127	14.0	11.2	16.8

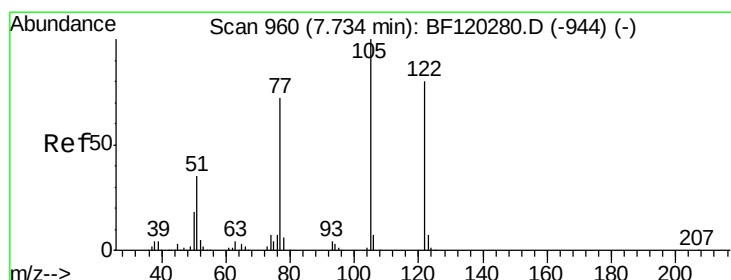
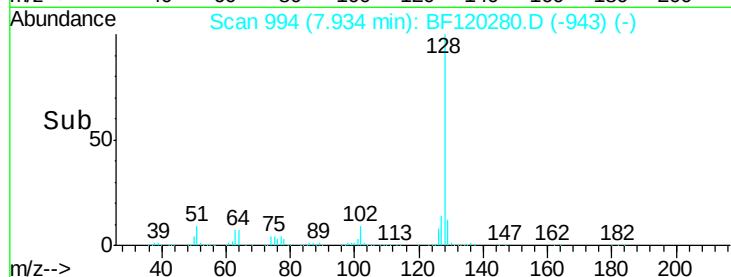
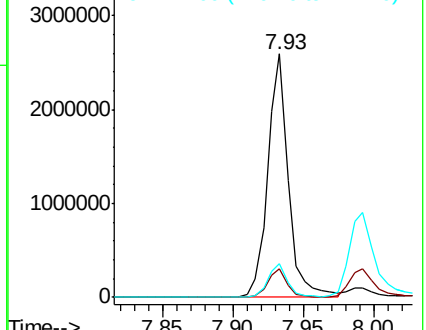


Abundance

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: 35.133 ng

RT: 7.73 min Scan# 960

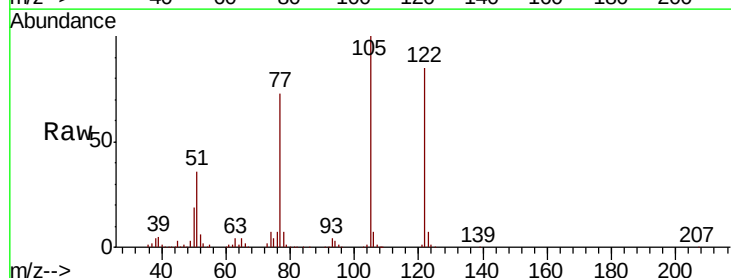
Delta R.T. 0.00 min

Lab File: BF120280.D

Acq: 14 May 2020 10:14

Tgt Ion:122 Resp: 531647

Ion	Ratio	Lower	Upper
122	100		
105	118.1	98.1	138.1
77	86.7	66.7	106.7

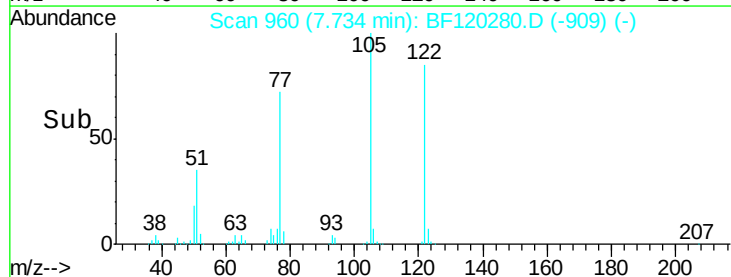
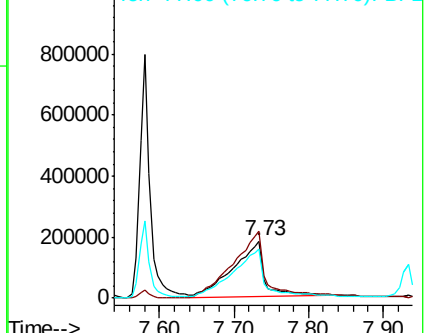


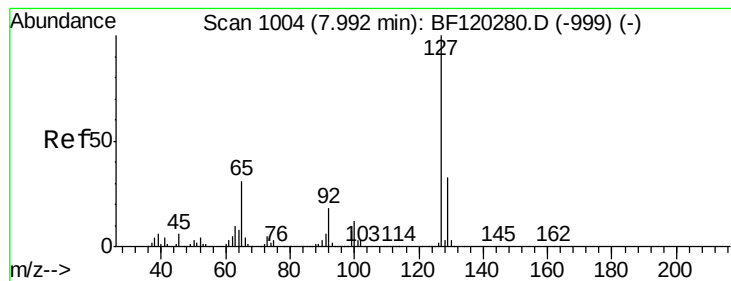
Abundance

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: 35.871 ng

RT: 7.99 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BF120280.D

Acq: 14 May 2020 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:127 Resp: 1231394

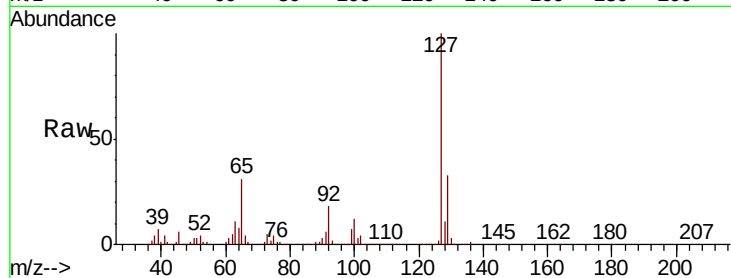
Ion Ratio Lower Upper

127 100

129 33.0 26.4 39.6

65 31.0 24.8 37.2

92 18.1 14.5 21.7

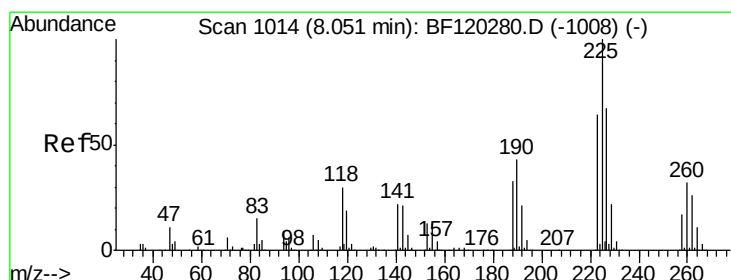
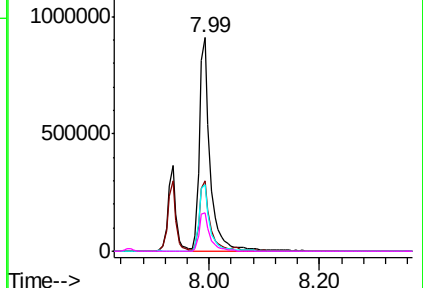
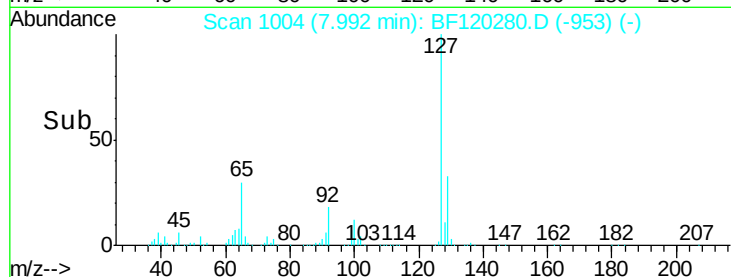


Abundance Ion 127.00 (126.70 to 127.70): E

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: 33.536 ng

RT: 8.05 min Scan# 1014

Delta R.T. 0.00 min

Lab File: BF120280.D

Acq: 14 May 2020 10:14

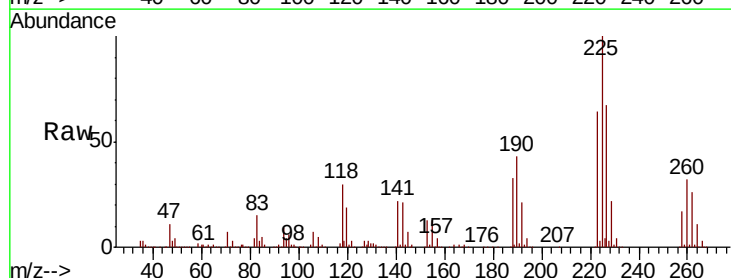
Tgt Ion:225 Resp: 493987

Ion Ratio Lower Upper

225 100

223 64.2 51.4 77.0

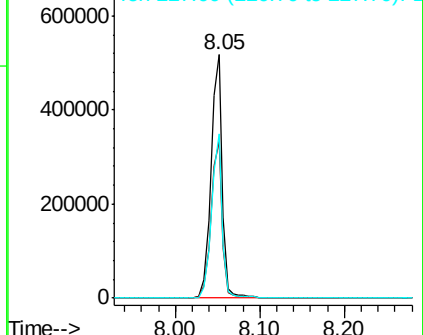
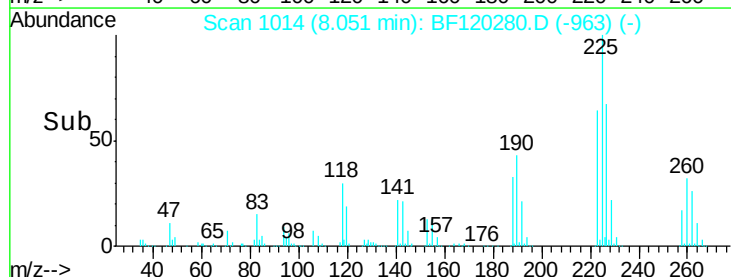
227 67.5 54.0 81.0

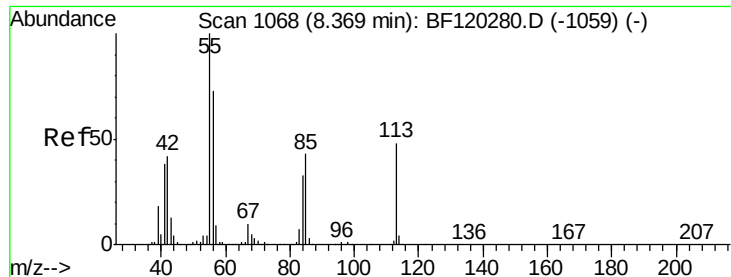


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

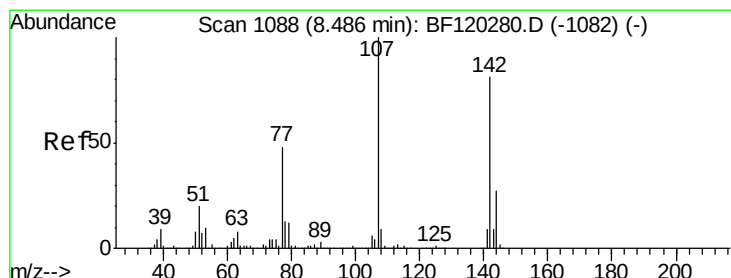
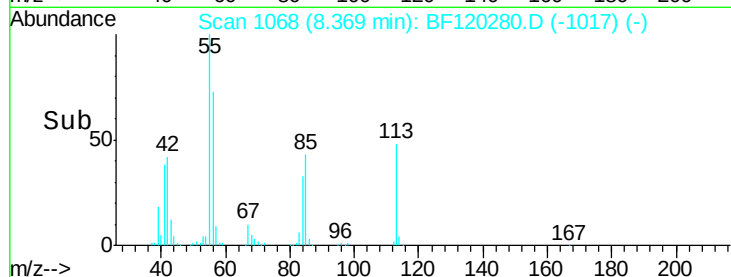
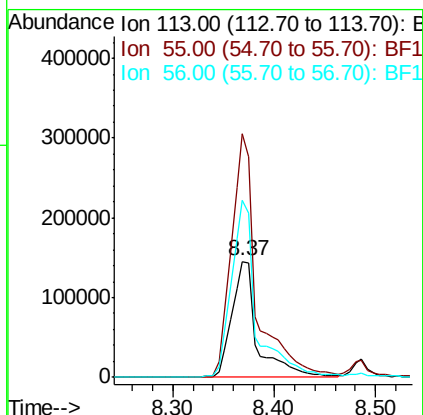
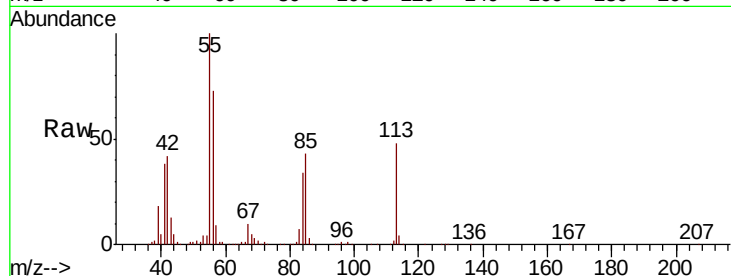




#35
 Caprolactam
 Concen: 36.976 ng
 RT: 8.37 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: BF120280.D
 Acq: 14 May 2020 10:14

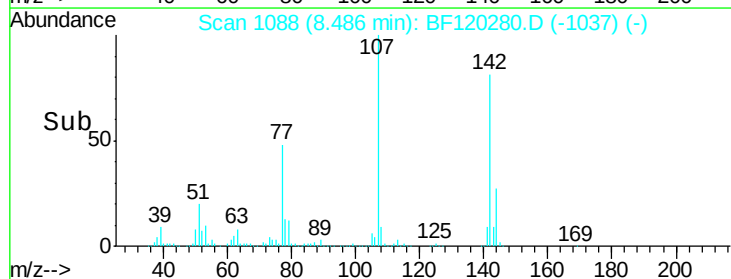
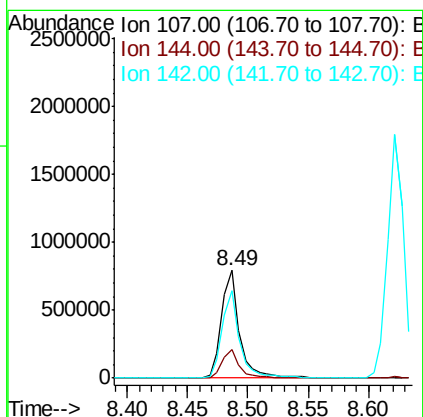
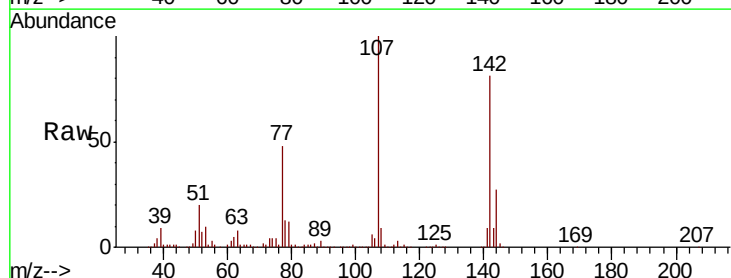
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

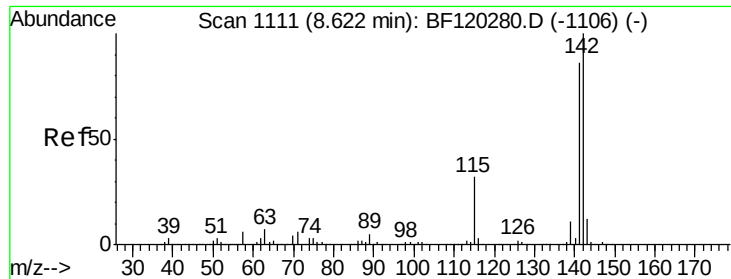
Tot Ion	Ratio	Lower	Upper
113	100		
55	210.4	190.4	230.4
56	152.7	132.7	172.7



#36
 4-Chloro-3-methylphenol
 Concen: 33.484 ng
 RT: 8.49 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: BF120280.D
 Acq: 14 May 2020 10:14

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.8	21.4	32.2
142	81.4	65.1	97.7

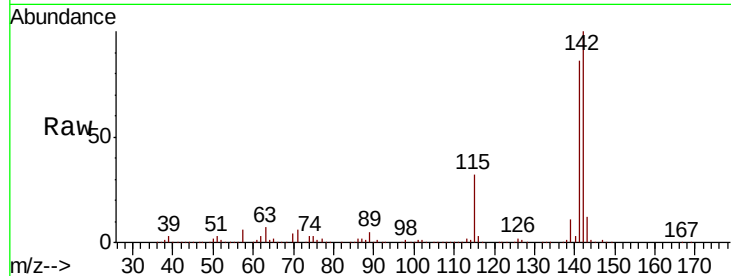




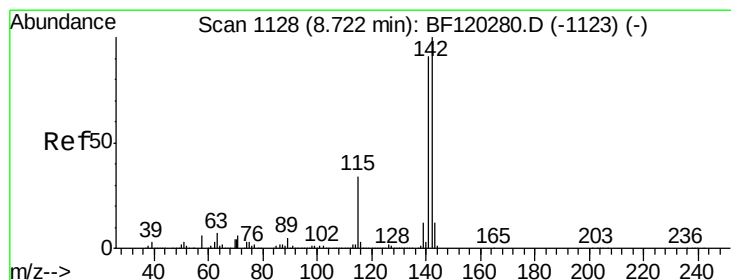
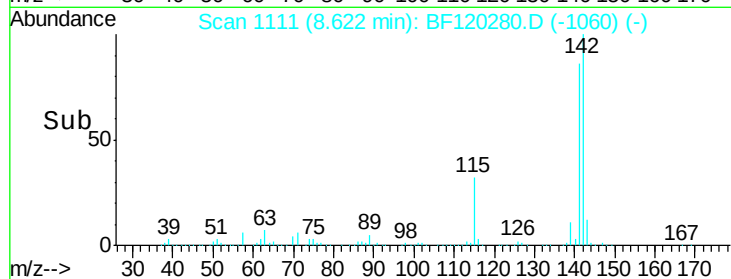
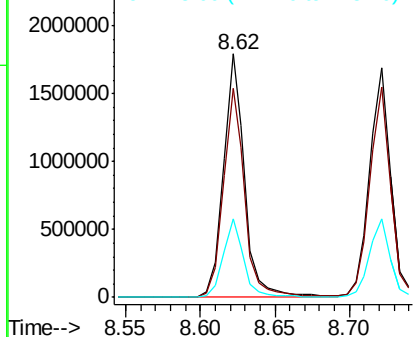
#37
2-Methylnaphthalene
Concen: 33.571 ng
RT: 8.62 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BF120280.D
Acq: 14 May 2020 10:14

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:142 Resp: 1790335
Ion Ratio Lower Upper
142 100
141 86.0 68.8 103.2
115 32.1 25.7 38.5

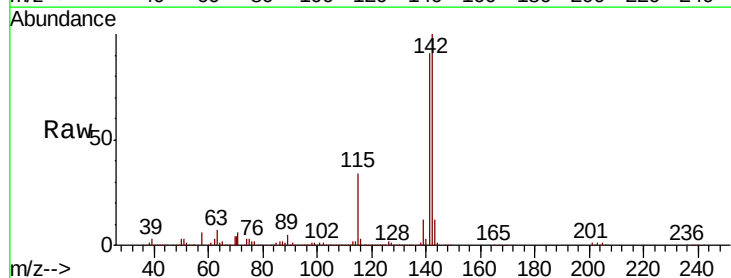


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

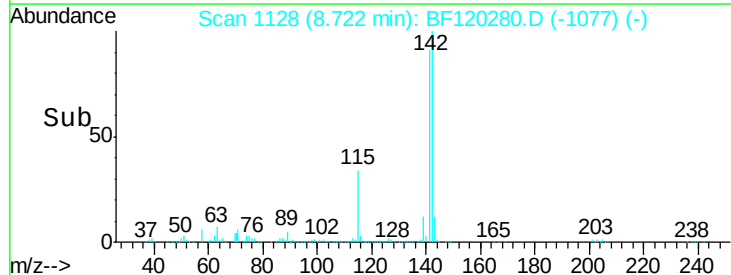
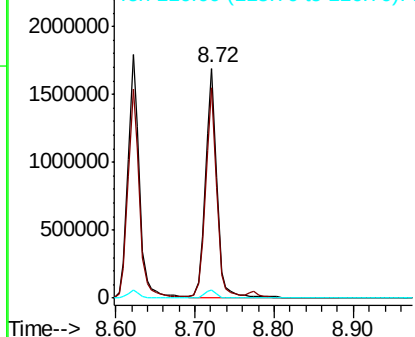


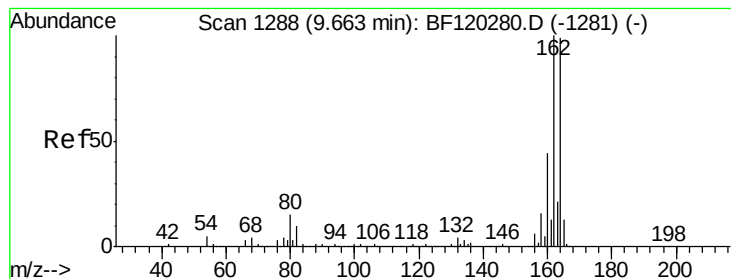
#38
1-Methylnaphthalene
Concen: 33.171 ng
RT: 8.72 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF120280.D
Acq: 14 May 2020 10:14

Tgt Ion:142 Resp: 1724095
Ion Ratio Lower Upper
142 100
141 91.3 73.0 109.6
116 3.4 2.7 4.1



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: 9.66 min Scan# 1288

Delta R.T. 0.00 min

Lab File: BF120280.D

Acq: 14 May 2020 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

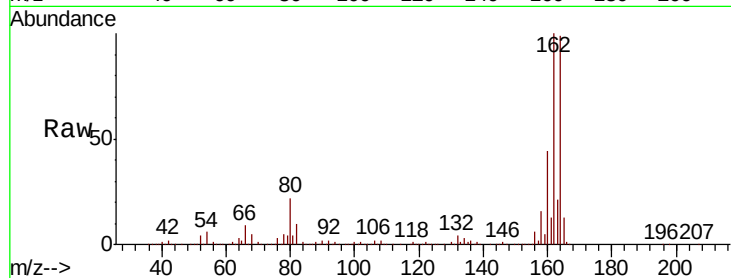
Tot Ion:164 Resp: 731566

Ion Ratio Lower Upper

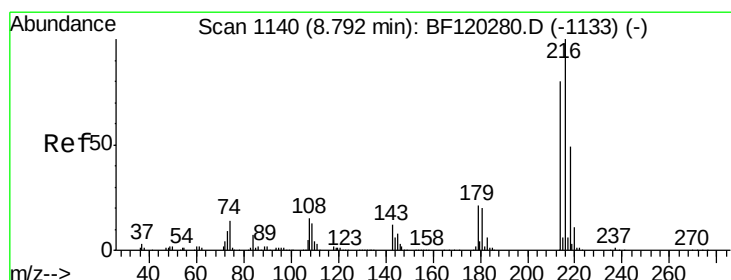
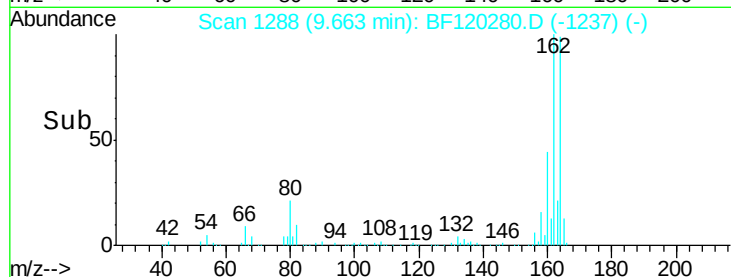
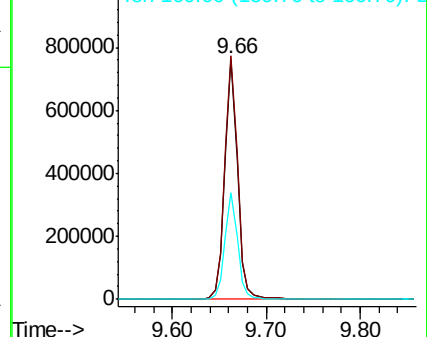
164 100

162 101.5 81.2 121.8

160 44.7 35.8 53.6



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: 36.719 ng

RT: 8.79 min Scan# 1140

Delta R.T. 0.00 min

Lab File: BF120280.D

Acq: 14 May 2020 10:14

Tgt Ion:216 Resp: 810652

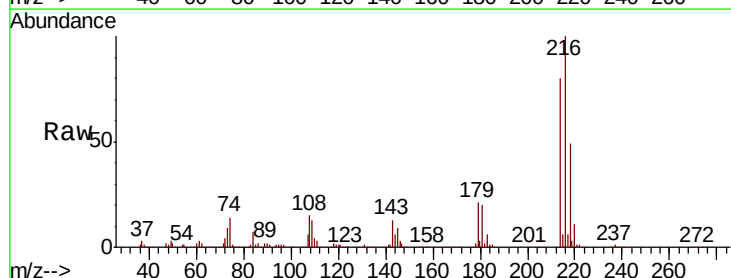
Ion Ratio Lower Upper

216 100

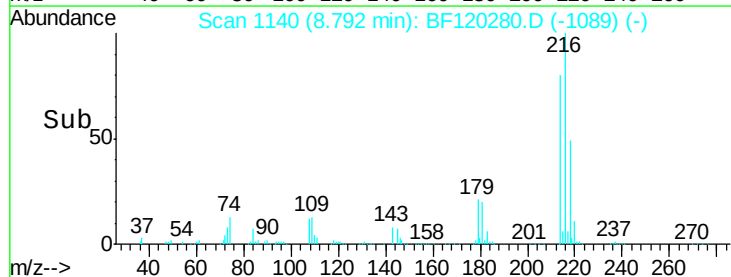
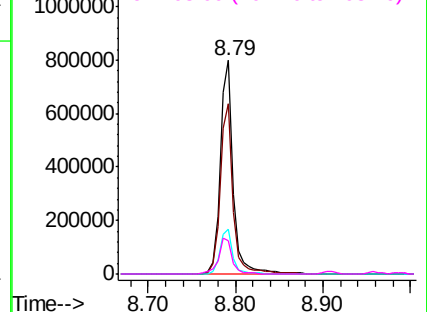
214 80.0 64.0 96.0

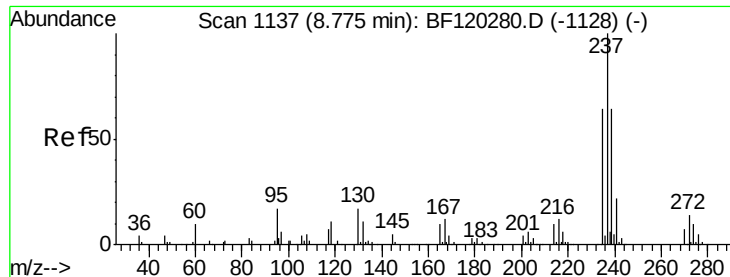
179 21.1 16.9 25.3

108 17.7 14.2 21.2



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

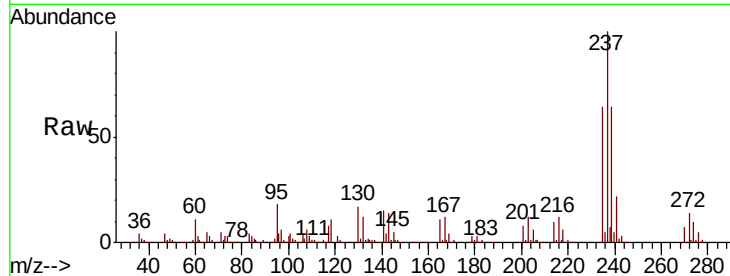




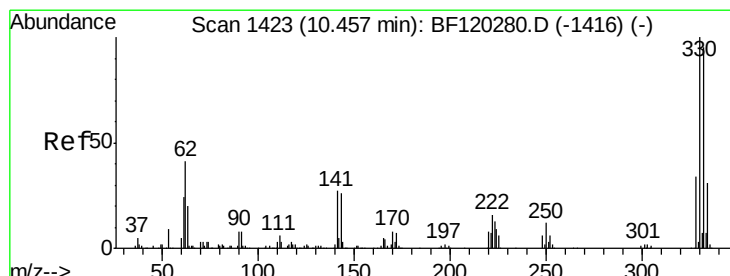
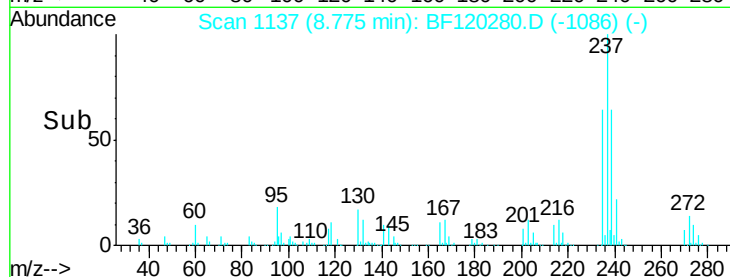
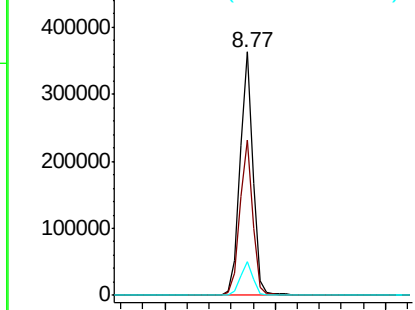
#41
Hexachlorocyclopentadiene
Concen: 38.263 ng
RT: 8.77 min Scan# 1137
Delta R.T. 0.00 min
Lab File: BF120280.D
Acq: 14 May 2020 10:14

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
237	100		
235	63.8	43.8	83.8
272	13.9	0.0	33.9

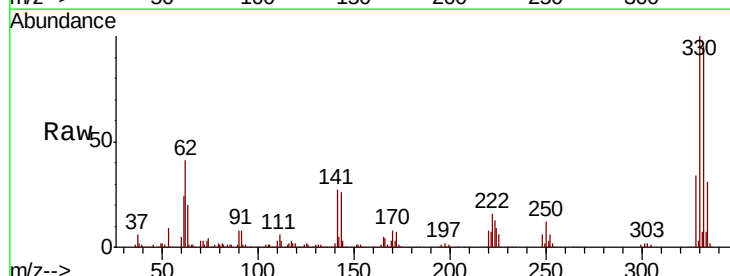


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

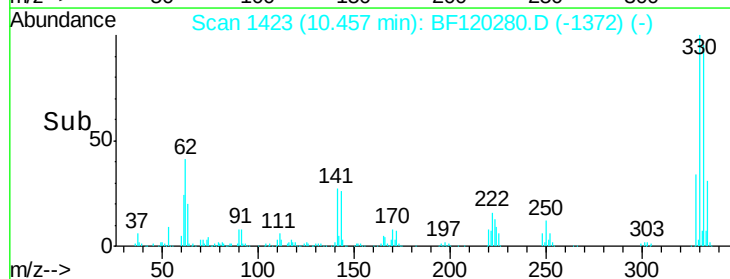
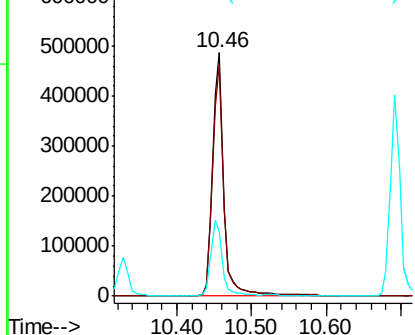


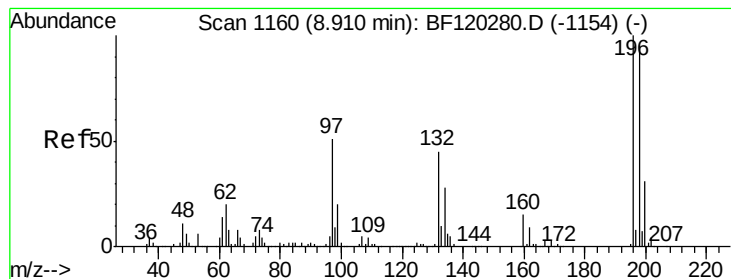
#42
2,4,6-Tribromophenol
Concen: 66.482 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF120280.D
Acq: 14 May 2020 10:14

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.5	114.7
141	31.7	25.4	38.0



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: 39.541 ng

RT: 8.91 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BF120280.D

Acq: 14 May 2020 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

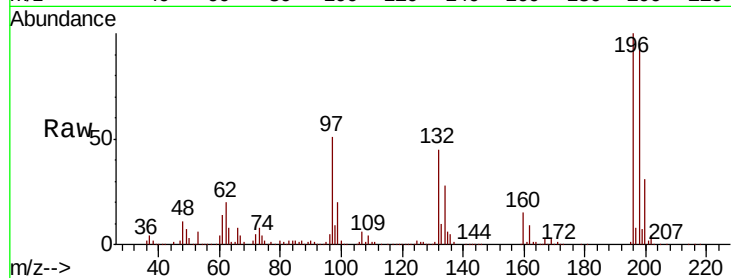
Tot Ion:196 Resp: 558155

Ion Ratio Lower Upper

196 100

198 95.3 76.2 114.4

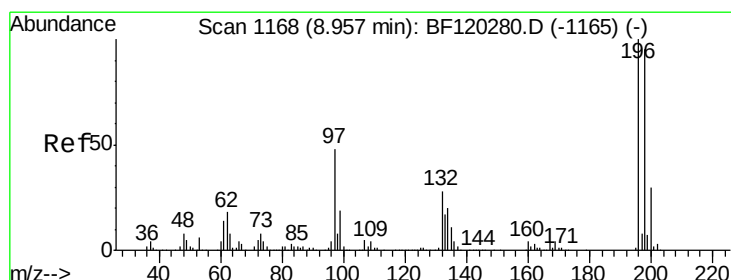
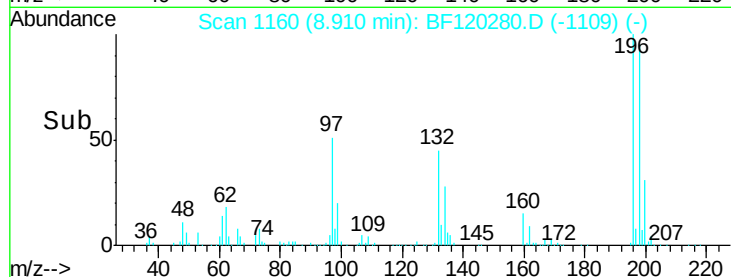
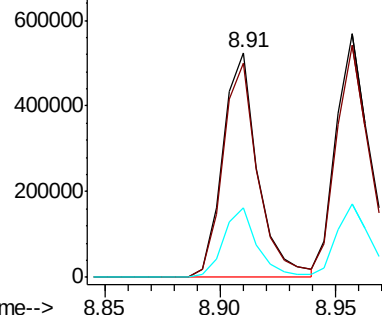
200 31.1 24.9 37.3



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: 38.811 ng

RT: 8.96 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BF120280.D

Acq: 14 May 2020 10:14

Tgt Ion:196 Resp: 627859

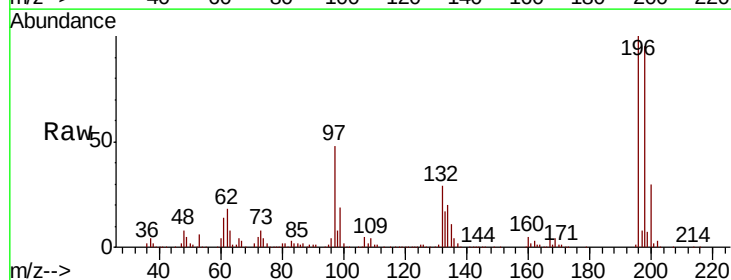
Ion Ratio Lower Upper

196 100

198 95.3 76.2 114.4

97 48.2 38.6 57.8

132 29.0 23.2 34.8

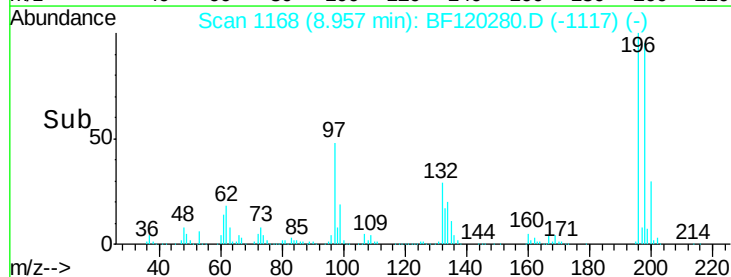
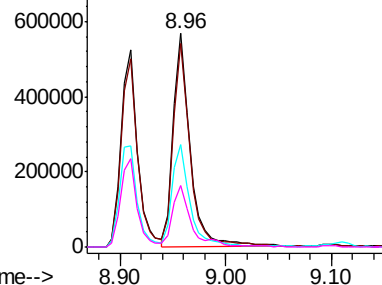


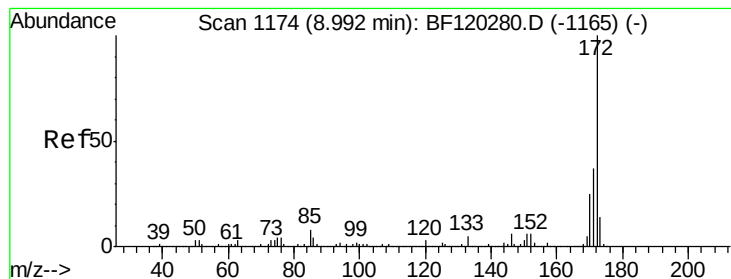
Abundance Ion 196.00 (195.70 to 196.70): E

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: 70.220 ng

RT: 8.99 min Scan# 1174

Delta R.T. 0.00 min

Lab File: BF120280.D

Acq: 14 May 2020 10:14

Instrument :

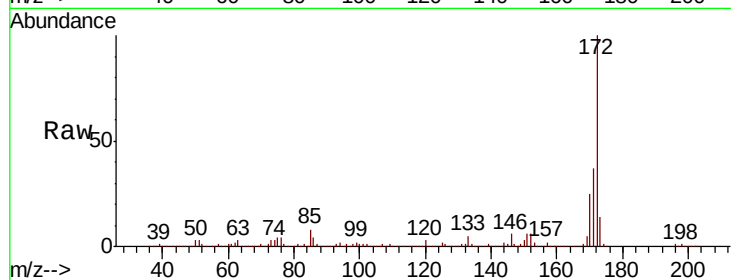
BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:172 Resp: 3228298

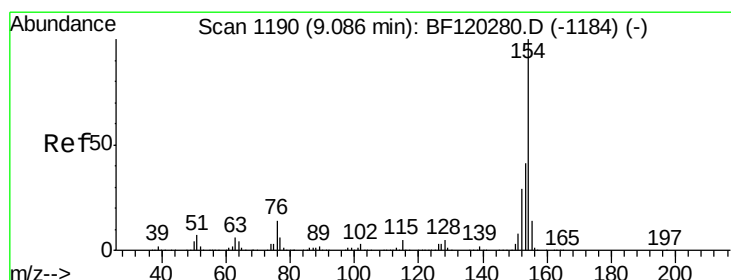
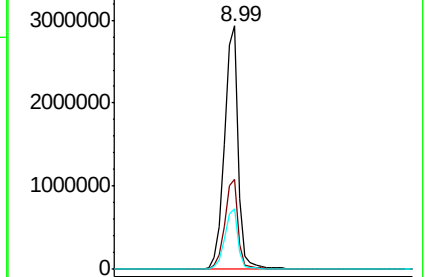
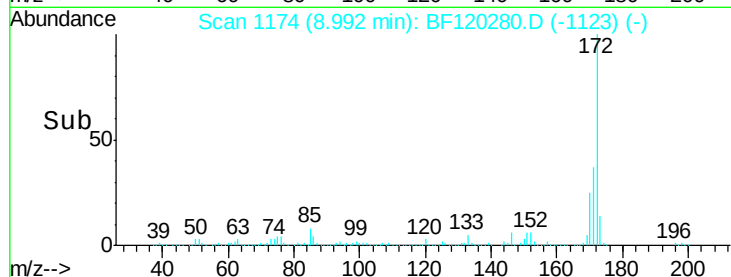
Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.7	44.5
170	24.9	19.9	29.9



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 36.414 ng

RT: 9.09 min Scan# 1190

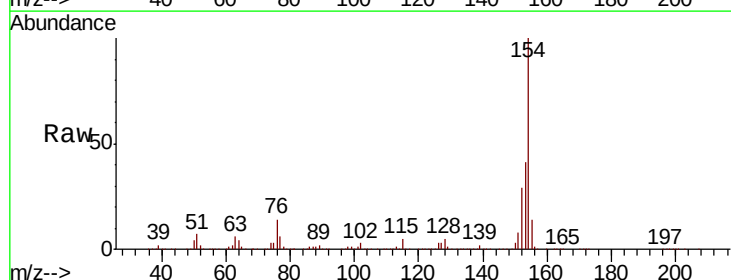
Delta R.T. 0.00 min

Lab File: BF120280.D

Acq: 14 May 2020 10:14

Tgt Ion:154 Resp: 2115919

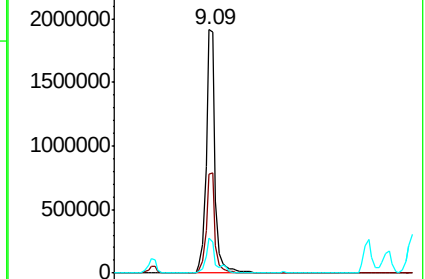
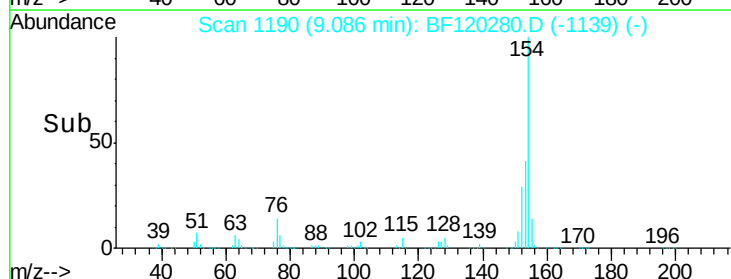
Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.8	60.8
76	14.3	0.0	34.3

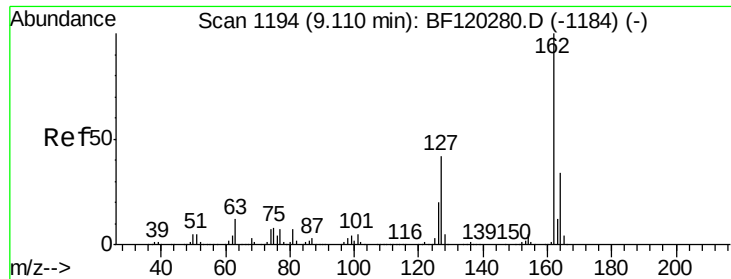


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

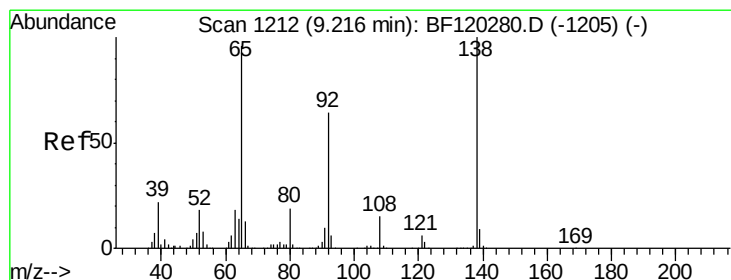
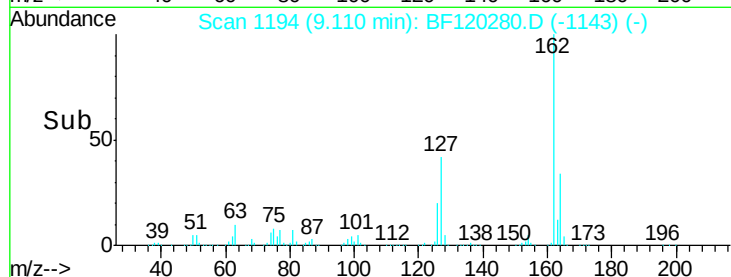
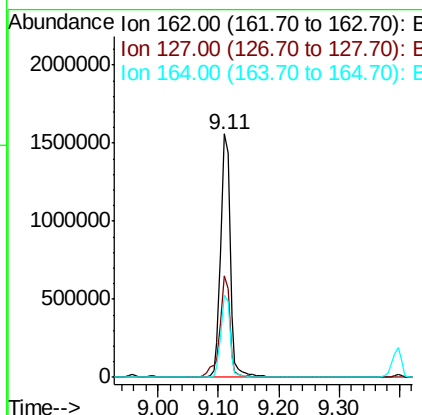
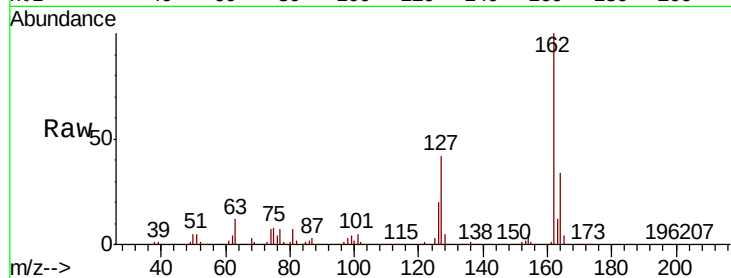




#47
 2-Chloronaphthalene
 Concen: 38.196 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF120280.D
 Acq: 14 May 2020 10:14

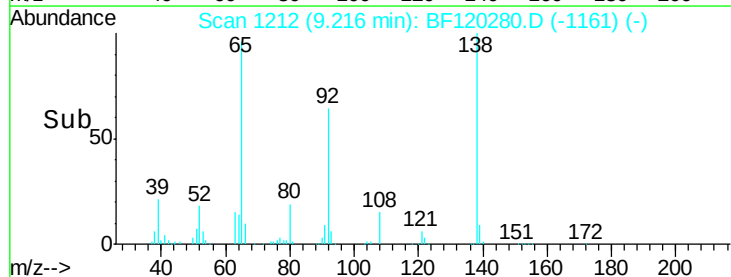
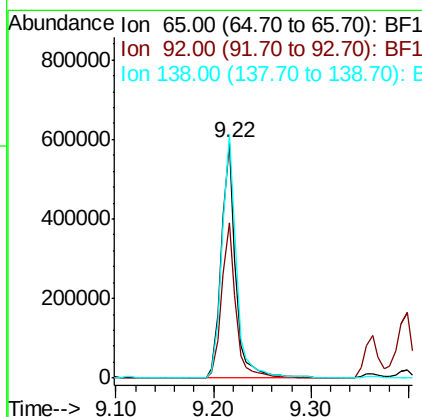
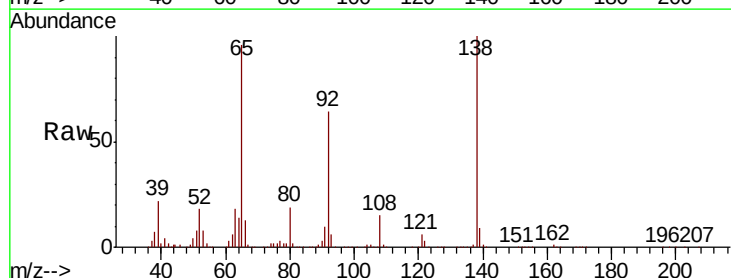
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

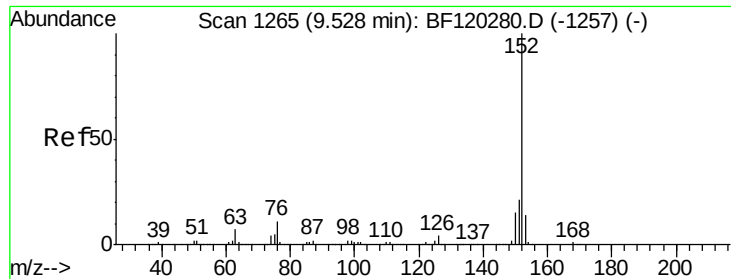
Tot Ion:162 Resp: 1694521
 Ion Ratio Lower Upper
 162 100
 127 41.7 33.4 50.0
 164 33.8 27.0 40.6



#48
 2-Nitroaniline
 Concen: 38.181 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF120280.D
 Acq: 14 May 2020 10:14

Tgt Ion: 65 Resp: 602784
 Ion Ratio Lower Upper
 65 100
 92 66.1 52.9 79.3
 138 103.7 83.0 124.4





#49

Acenaphthylene

Concen: 36.499 ng

RT: 9.53 min Scan# 1265

Delta R.T. 0.00 min

Lab File: BF120280.D

Acq: 14 May 2020 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

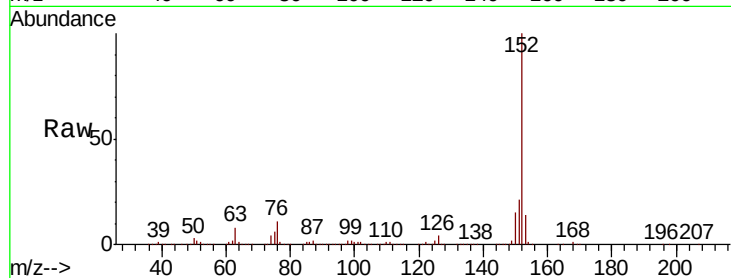
Tot Ion:152 Resp: 2529733

Ion Ratio Lower Upper

152 100

151 20.8 16.6 25.0

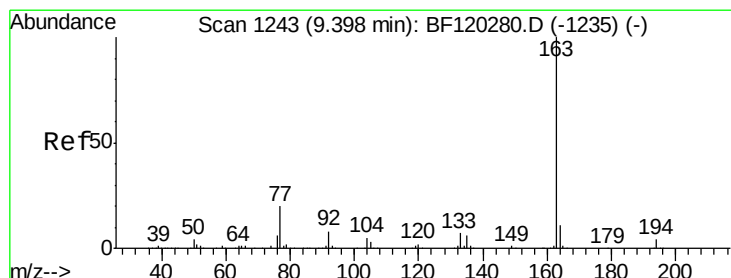
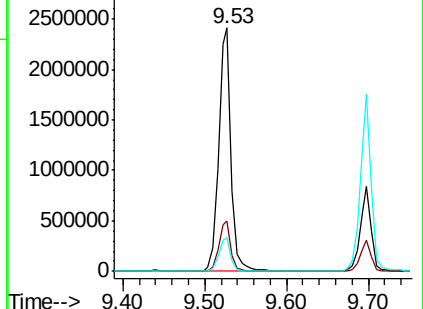
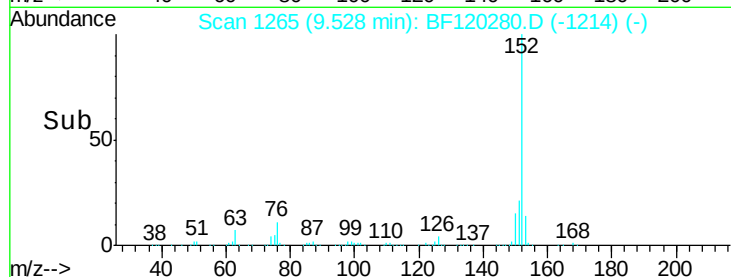
153 13.9 11.1 16.7



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: 35.511 ng

RT: 9.40 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BF120280.D

Acq: 14 May 2020 10:14

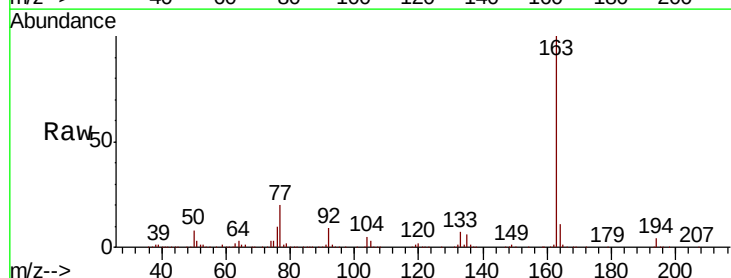
Tgt Ion:163 Resp: 1948880

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

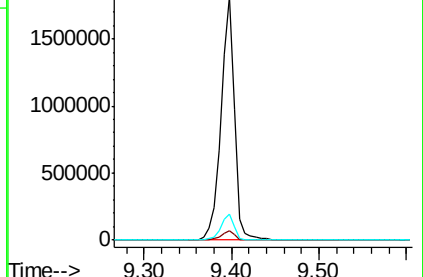
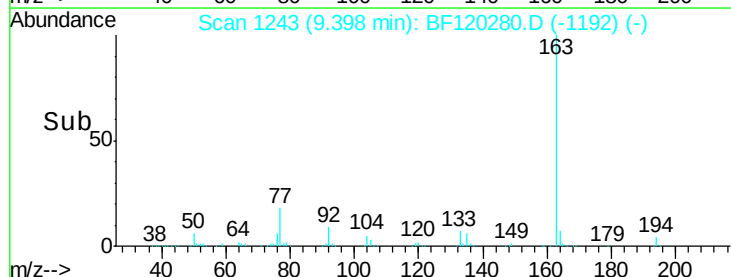
164 10.7 8.6 12.8

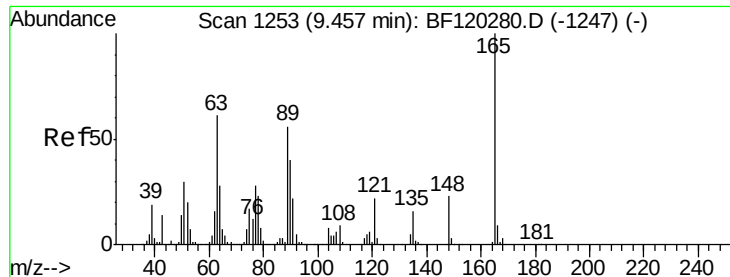


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

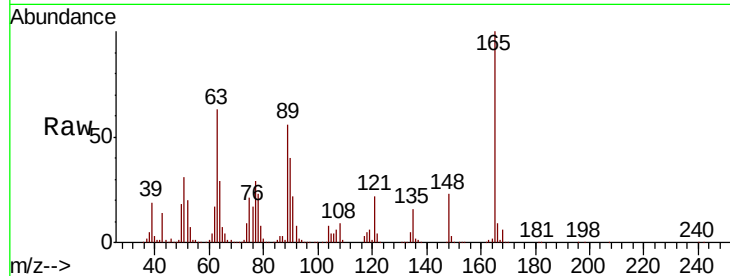




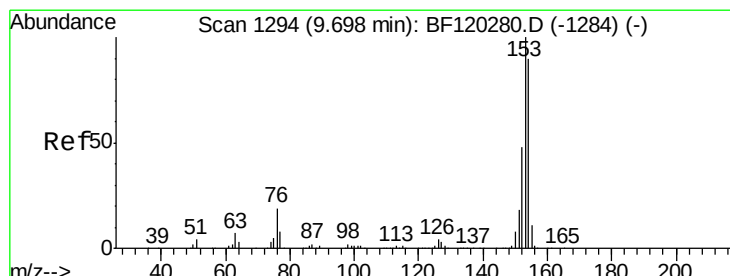
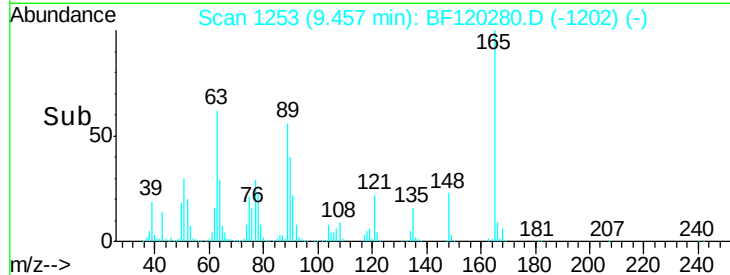
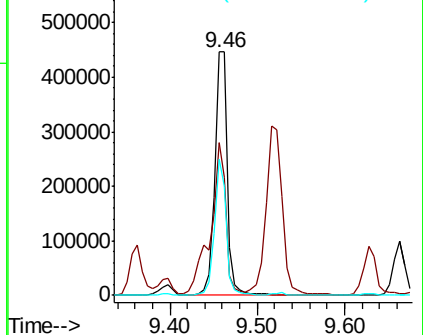
#51
 2,6-Dinitrotoluene
 Concen: 37.357 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. 0.00 min
 Lab File: BF120280.D
 Acq: 14 May 2020 10:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion:165 Resp: 449319
 Ion Ratio Lower Upper
 165 100
 63 62.7 50.2 75.2
 89 55.7 44.6 66.8

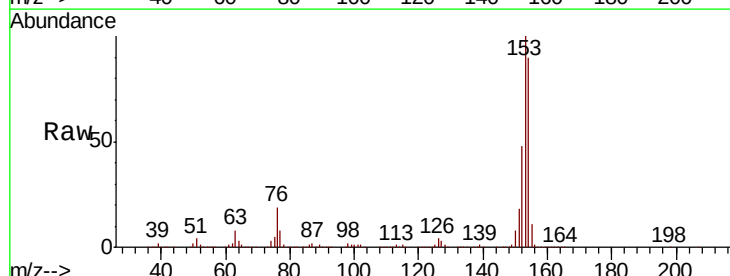


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

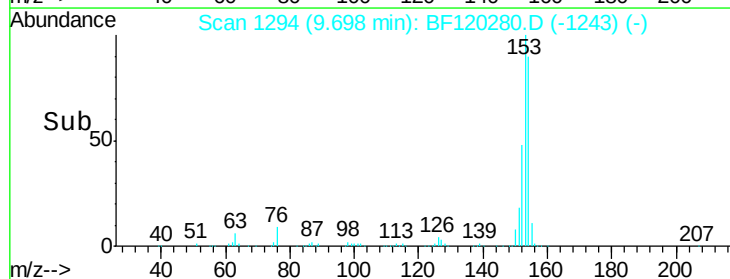
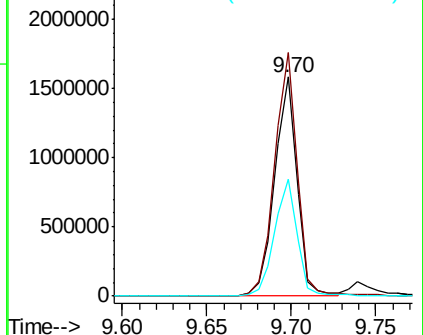


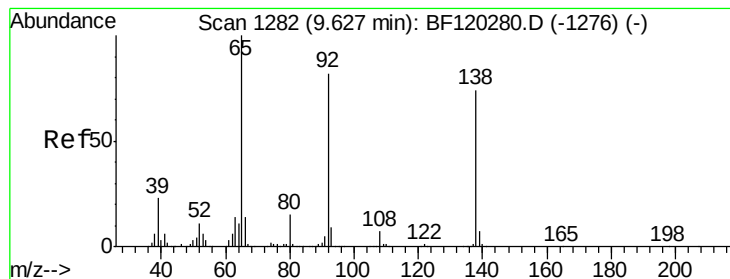
#52
 Acenaphthene
 Concen: 34.667 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: BF120280.D
 Acq: 14 May 2020 10:14

Tgt Ion:154 Resp: 1455224
 Ion Ratio Lower Upper
 154 100
 153 111.2 89.0 133.4
 152 53.3 42.6 64.0



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 35.309 ng

RT: 9.63 min Scan# 1282

Delta R.T. 0.00 min

Lab File: BF120280.D

Acq: 14 May 2020 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

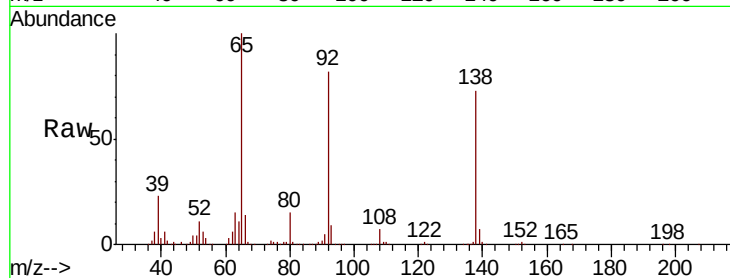
Tot Ion:138 Resp: 504867

Ion Ratio Lower Upper

138 100

108 10.2 8.2 12.2

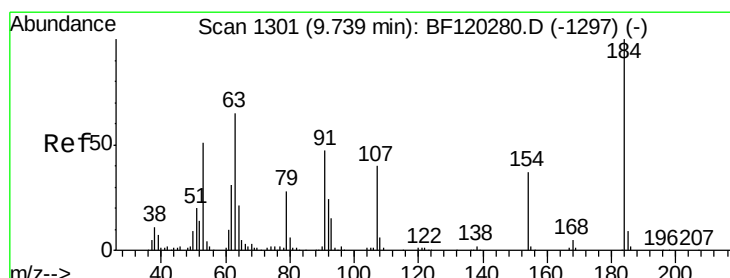
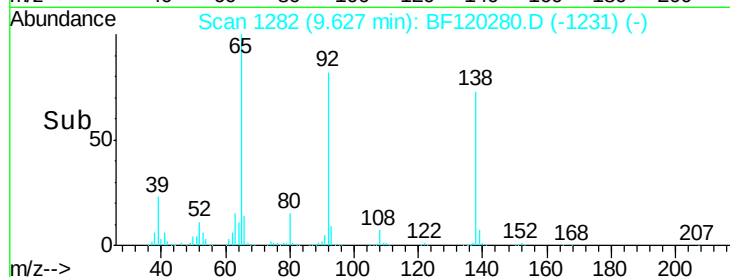
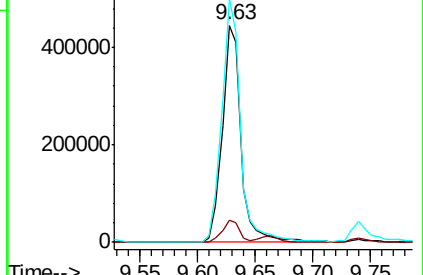
92 112.0 89.6 134.4



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: 32.873 ng

RT: 9.74 min Scan# 1301

Delta R.T. 0.00 min

Lab File: BF120280.D

Acq: 14 May 2020 10:14

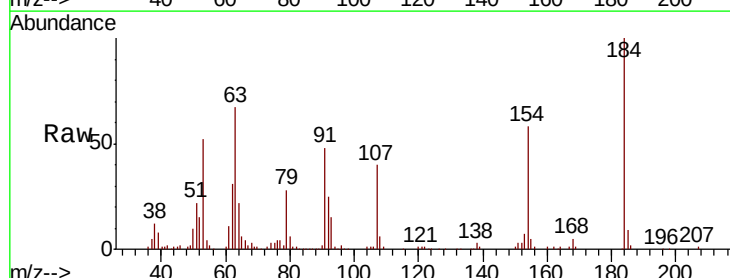
Tgt Ion:184 Resp: 197442

Ion Ratio Lower Upper

184 100

63 67.0 53.6 80.4

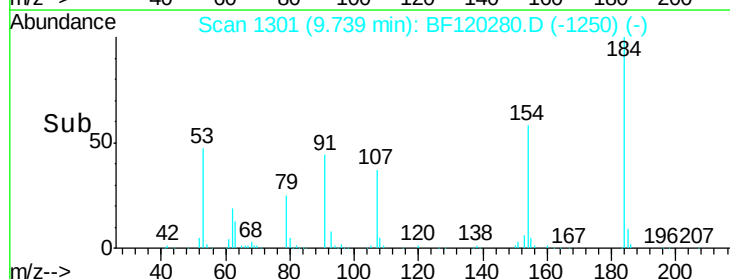
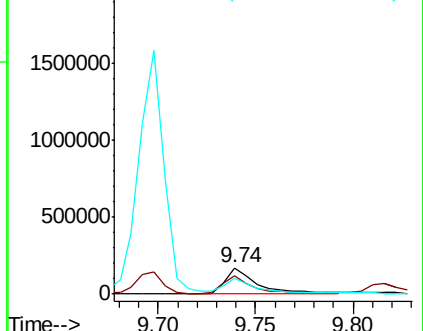
154 58.5 46.8 70.2

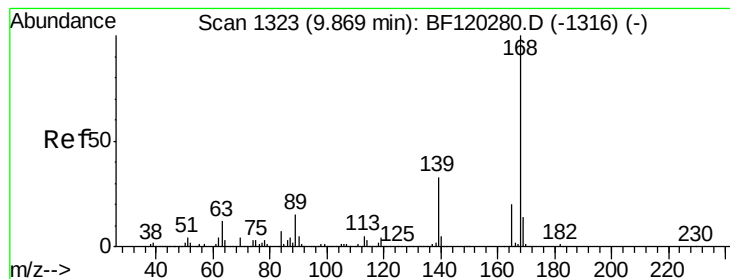


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 34.215 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.00 min

Lab File: BF120280.D

Acq: 14 May 2020 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

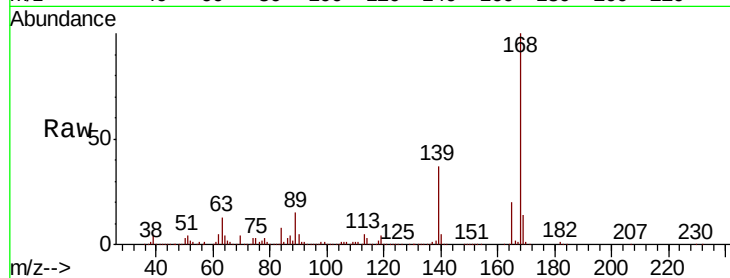
Tot Ion:168 Resp: 2089982

Ion Ratio Lower Upper

168 100

139 37.2 29.8 44.6

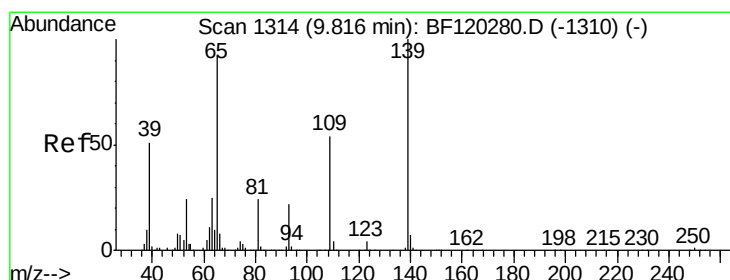
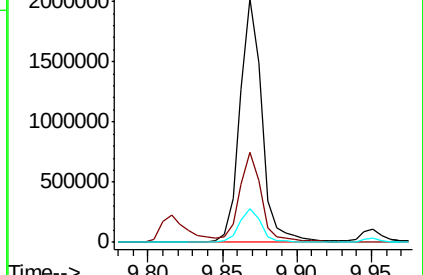
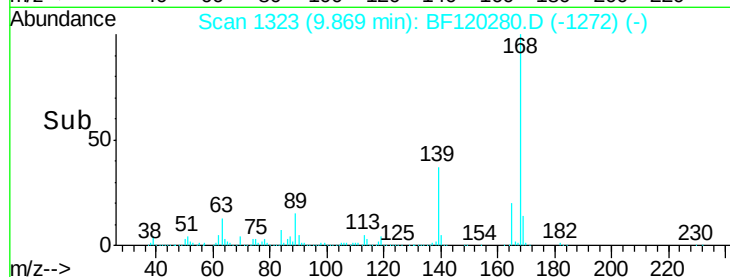
169 13.8 11.0 16.6



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: 36.332 ng

RT: 9.82 min Scan# 1314

Delta R.T. 0.00 min

Lab File: BF120280.D

Acq: 14 May 2020 10:14

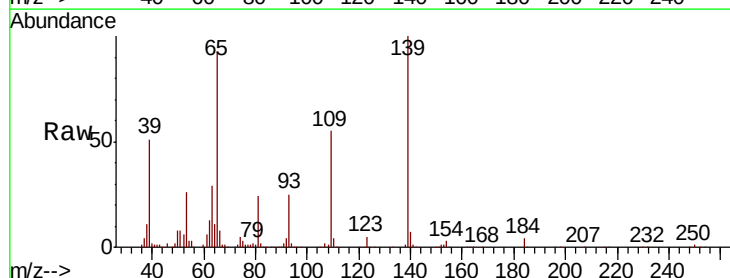
Tgt Ion:139 Resp: 281744

Ion Ratio Lower Upper

139 100

109 54.6 34.6 74.6

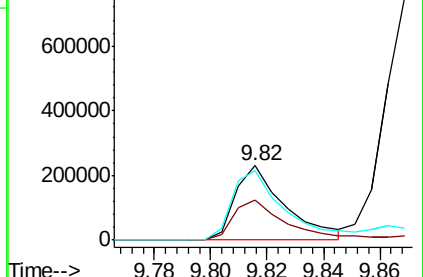
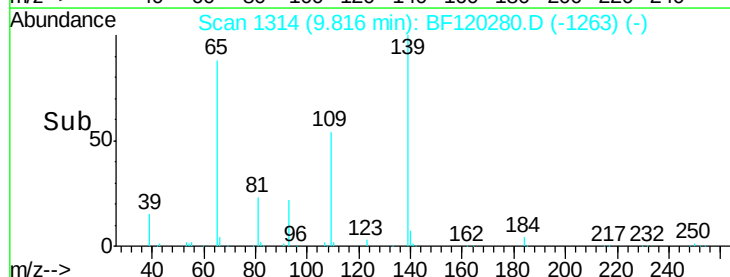
65 93.3 73.3 113.3

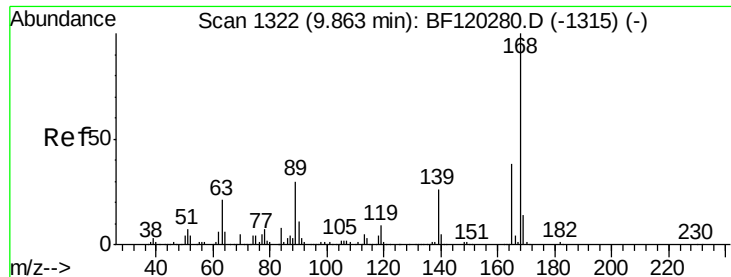


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

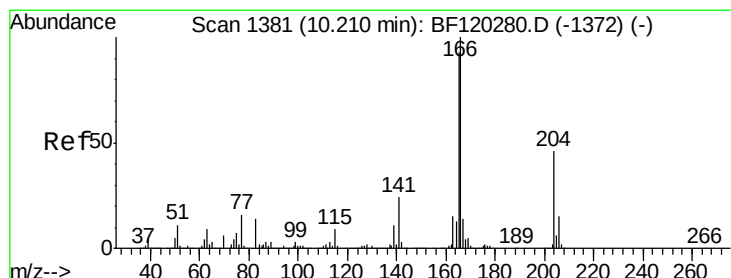
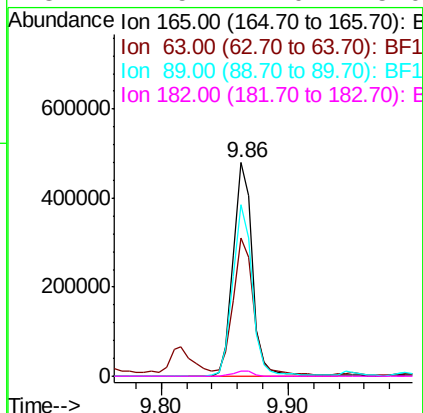
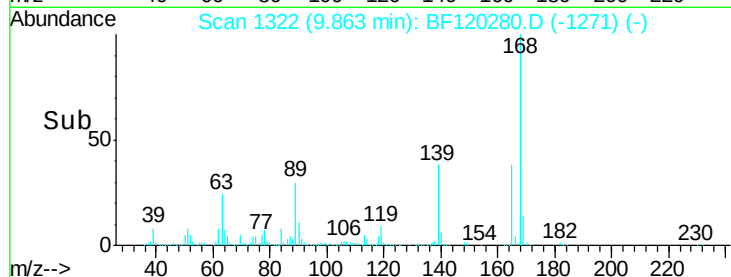
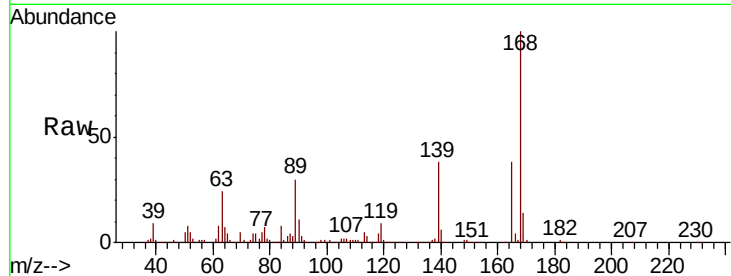




#57
 2,4-Dinitrotoluene
 Concen: 34.171 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: BF120280.D
 Acq: 14 May 2020 10:14

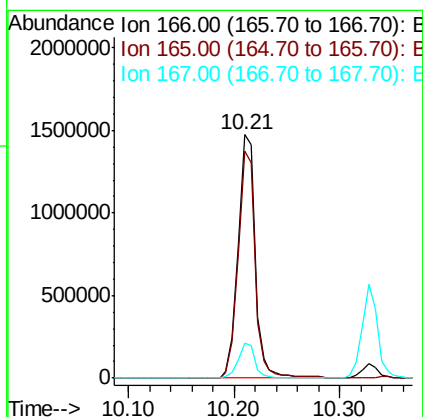
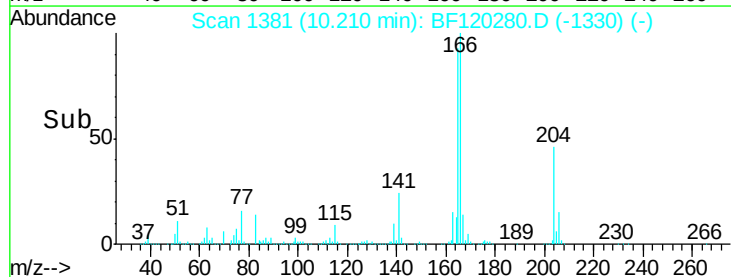
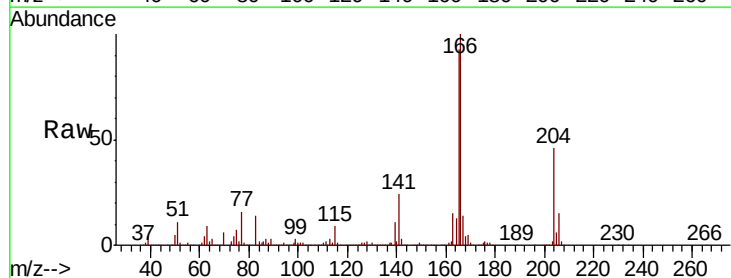
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

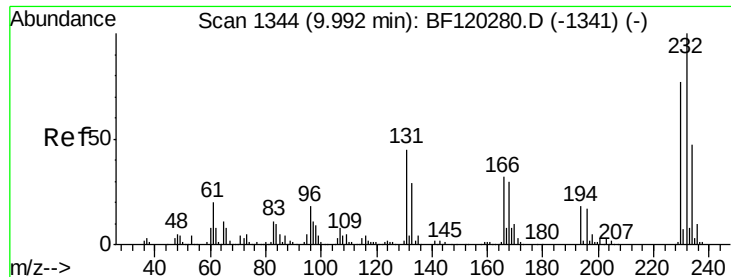
Tot Ion:	165	Resp:	501686
Ion	Ratio	Lower	Upper
165	100		
63	64.8	51.8	77.8
89	80.3	64.2	96.4
182	2.5	2.0	3.0



#58
 Fluorene
 Concen: 34.122 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: BF120280.D
 Acq: 14 May 2020 10:14

Tgt Ion:	166	Resp:	1635539
Ion	Ratio	Lower	Upper
166	100		
165	93.4	74.7	112.1
167	14.2	11.4	17.0

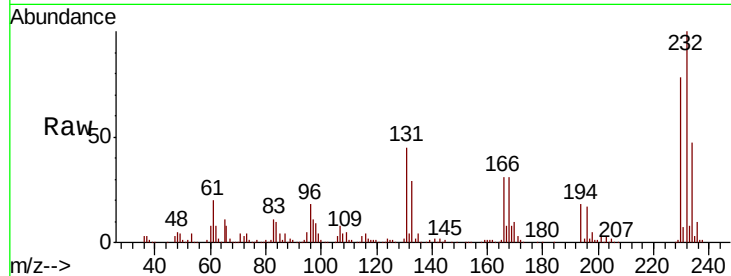




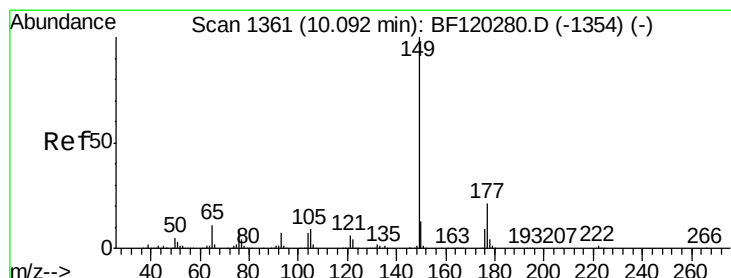
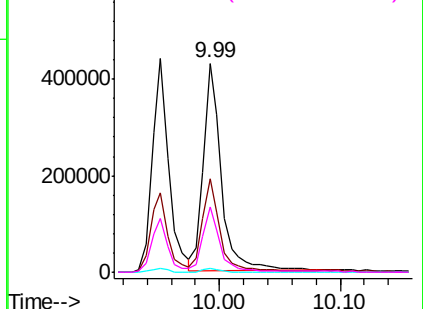
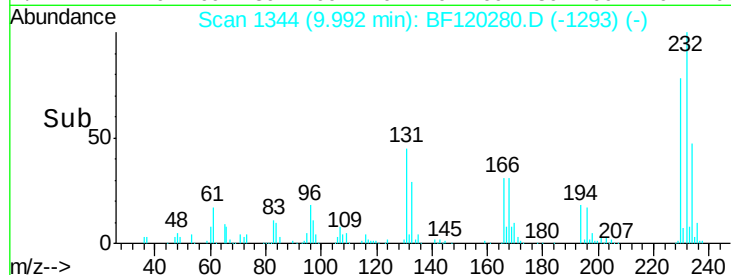
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 35.429 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. 0.00 min
 Lab File: BF120280.D
 Acq: 14 May 2020 10:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion:	232	Resp:	451044
Ion	Ratio	Lower	Upper
232	100		
131	42.6	34.1	51.1
130	2.1	1.7	2.5
166	29.1	23.3	34.9

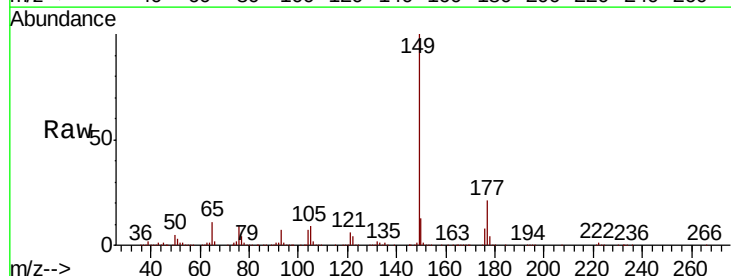


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

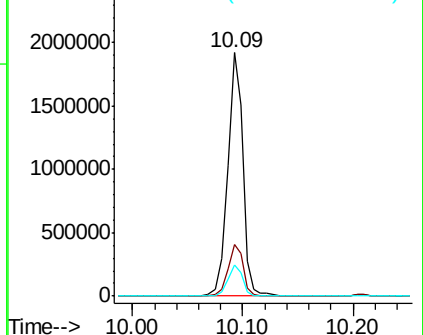
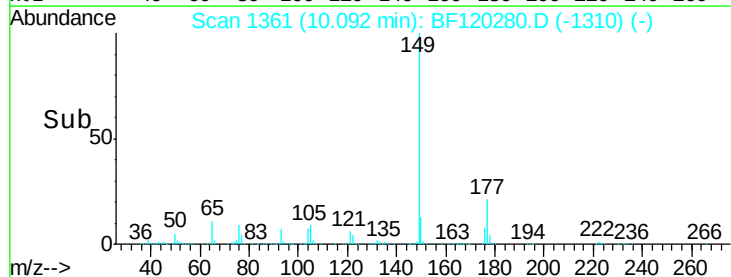


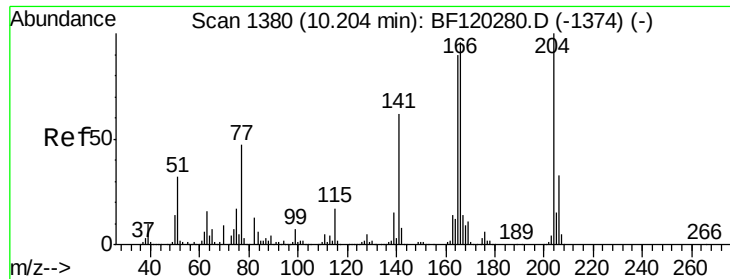
#60
 Diethylphthalate
 Concen: 34.006 ng
 RT: 10.09 min Scan# 1361
 Delta R.T. 0.00 min
 Lab File: BF120280.D
 Acq: 14 May 2020 10:14

Tgt Ion:	149	Resp:	1861364
Ion	Ratio	Lower	Upper
149	100		
177	21.4	17.1	25.7
150	12.9	10.3	15.5



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

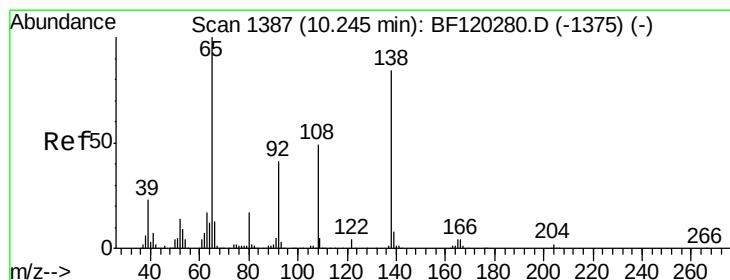
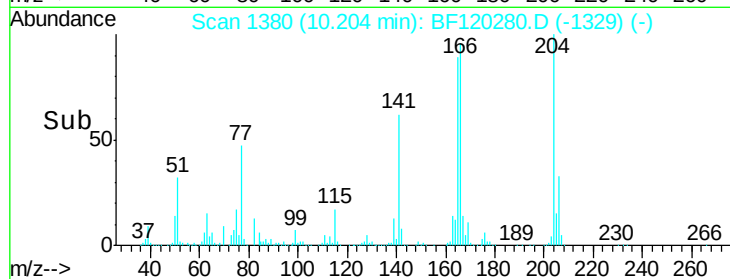
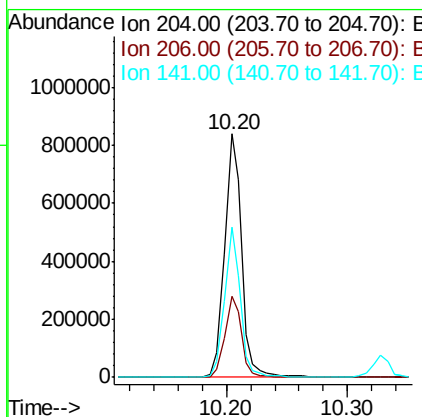
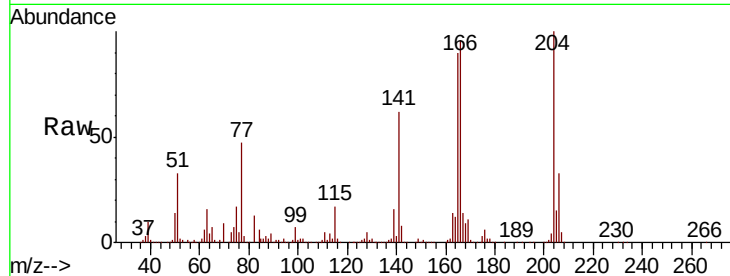




#61
4-Chlorophenyl-phenylether
Concen: 33.815 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BF120280.D
Acq: 14 May 2020 10:14

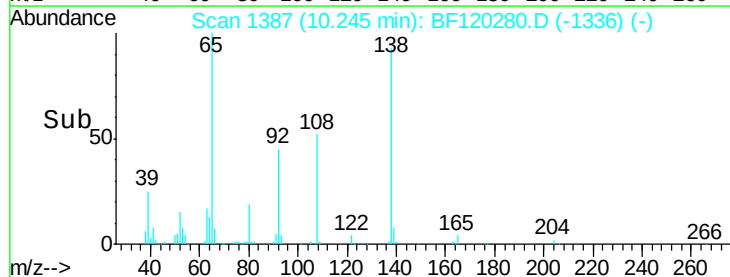
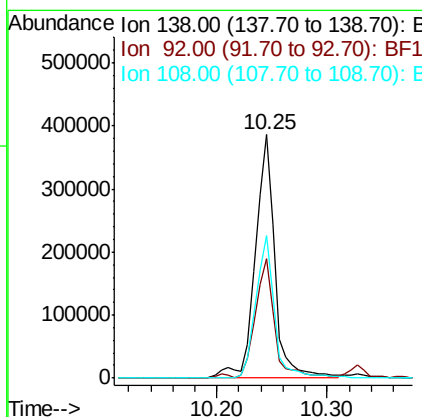
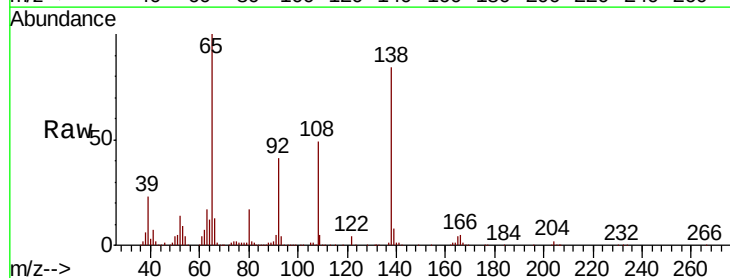
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

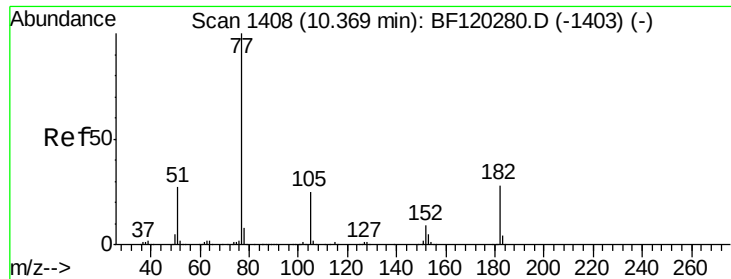
Tot Ion:204 Resp: 818943
Ion Ratio Lower Upper
204 100
206 33.5 26.8 40.2
141 61.9 49.5 74.3



#62
4-Nitroaniline
Concen: 33.953 ng
RT: 10.25 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BF120280.D
Acq: 14 May 2020 10:14

Tgt Ion:138 Resp: 485423
Ion Ratio Lower Upper
138 100
92 48.9 28.9 68.9
108 58.4 38.4 78.4





#63

Azobenzene

Concen: 35.376 ng

RT: 10.37 min Scan# 1408

Delta R.T. 0.00 min

Lab File: BF120280.D

Acq: 14 May 2020 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion: 77 Resp: 1814161

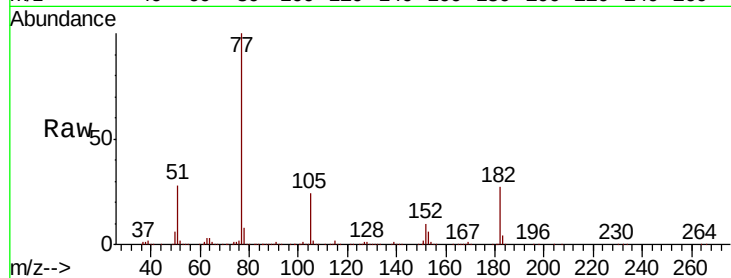
Ion Ratio Lower Upper

77 100

182 27.4 7.4 47.4

105 24.4 4.4 44.4

51 28.3 8.3 48.3

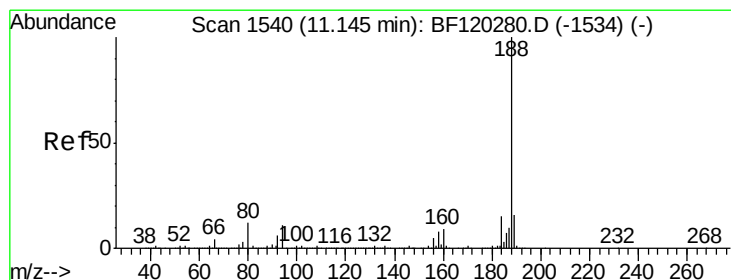
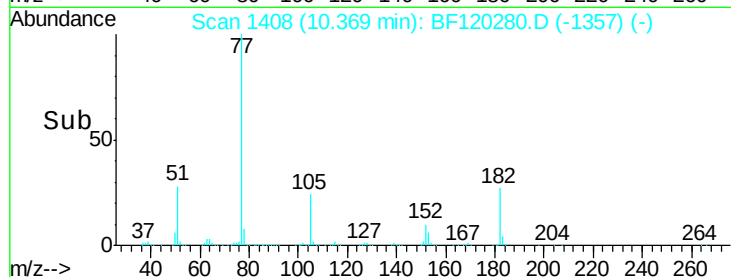
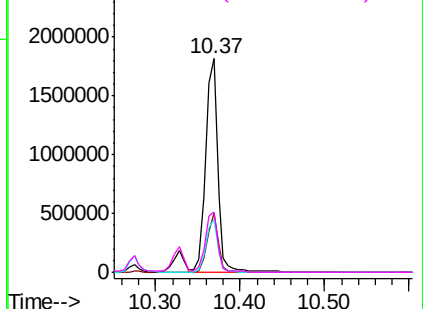


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.15 min Scan# 1540

Delta R.T. 0.00 min

Lab File: BF120280.D

Acq: 14 May 2020 10:14

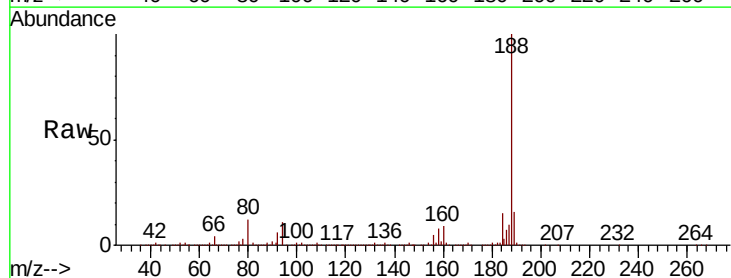
Tgt Ion: 188 Resp: 1327063

Ion Ratio Lower Upper

188 100

94 10.8 8.6 13.0

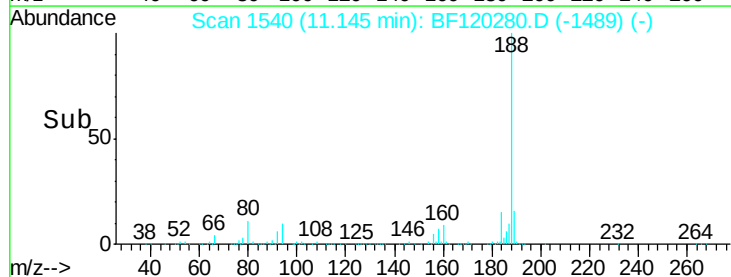
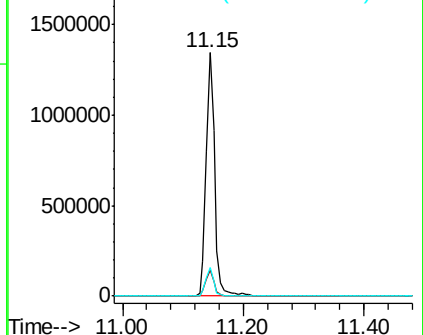
80 11.5 9.2 13.8

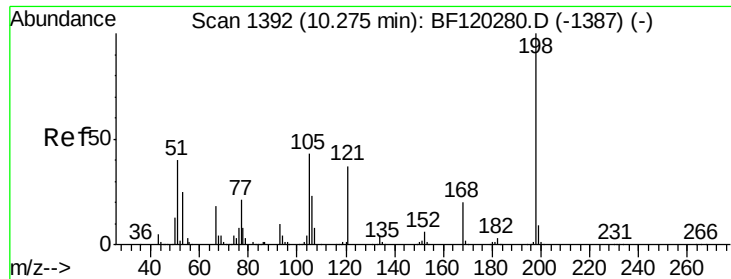


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

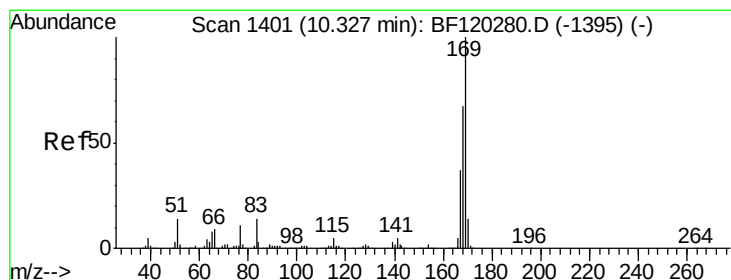
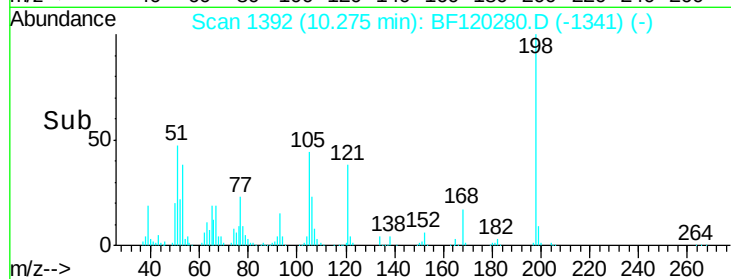
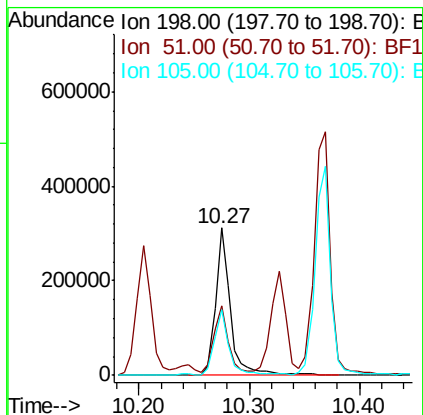
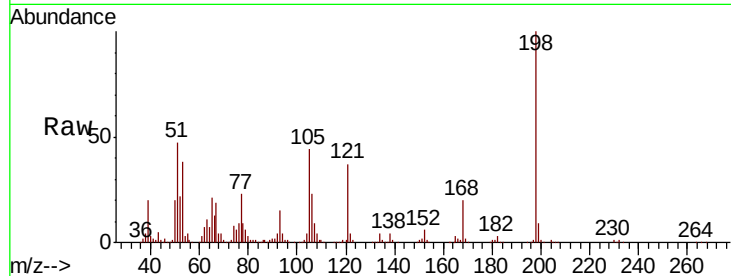




#65
4,6-Dinitro-2-methylphenol
Concen: 32.613 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BF120280.D
Acq: 14 May 2020 10:14

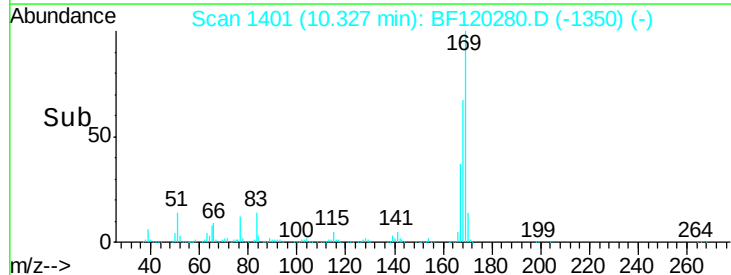
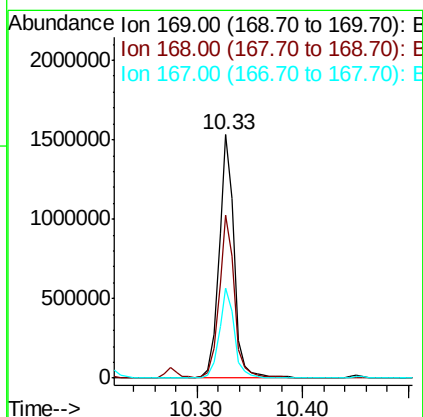
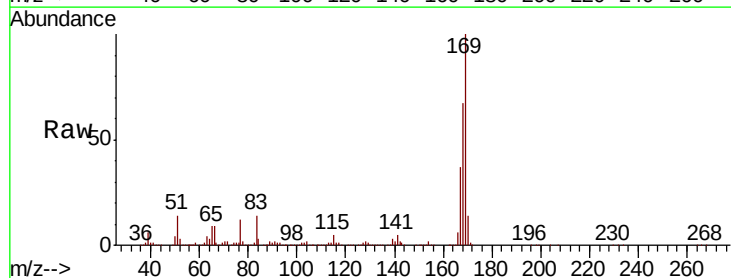
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

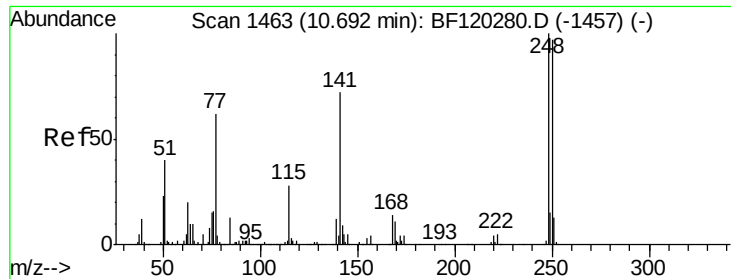
Tot Ion	198	Resp	289791
Ion Ratio	100	Lower	Upper
51	47.1	27.1	67.1
105	44.3	24.3	64.3



#66
n-Nitrosodiphenylamine
Concen: 32.179 ng
RT: 10.33 min Scan# 1401
Delta R.T. 0.00 min
Lab File: BF120280.D
Acq: 14 May 2020 10:14

Tgt Ion	169	Resp	1534804
Ion Ratio	100	Lower	Upper
168	67.1	53.7	80.5
167	37.2	29.8	44.6

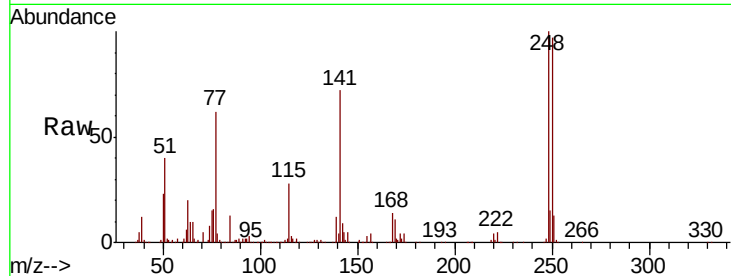




#67
4-Bromophenyl-phenylether
Concen: 32.270 ng
RT: 10.69 min Scan# 1463
Delta R.T. 0.00 min
Lab File: BF120280.D
Acq: 14 May 2020 10:14

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.2	77.8	116.6
141	72.1	57.7	86.5

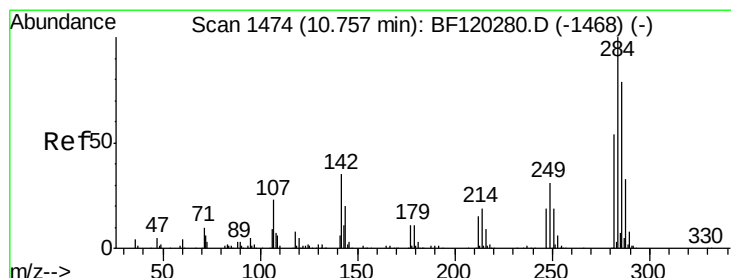
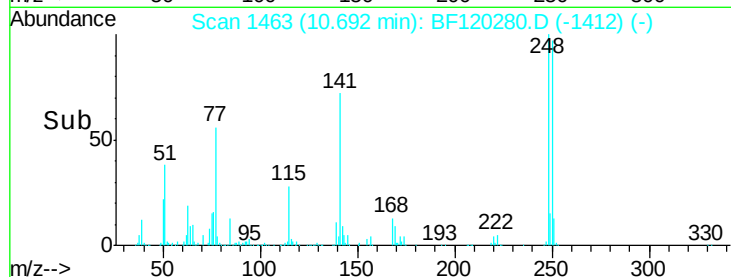
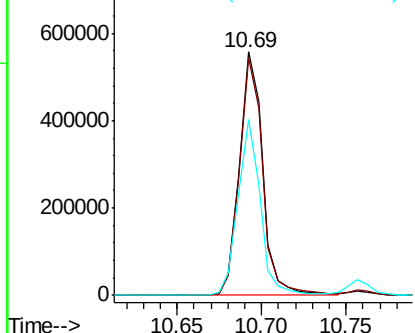


Abundance

Ion 248.00 (247.70 to 248.70): E

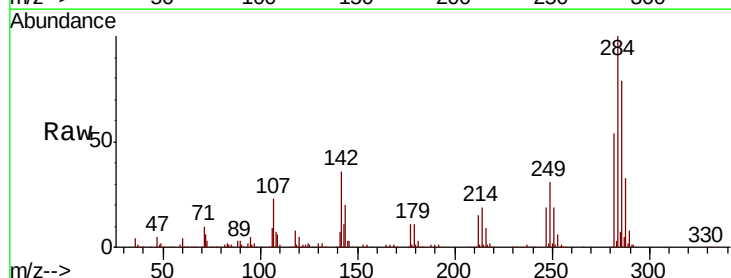
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 31.635 ng
RT: 10.76 min Scan# 1474
Delta R.T. 0.00 min
Lab File: BF120280.D
Acq: 14 May 2020 10:14

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.6	28.5	42.7
249	31.0	24.8	37.2

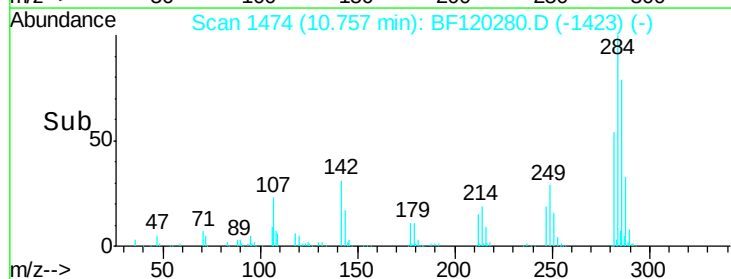
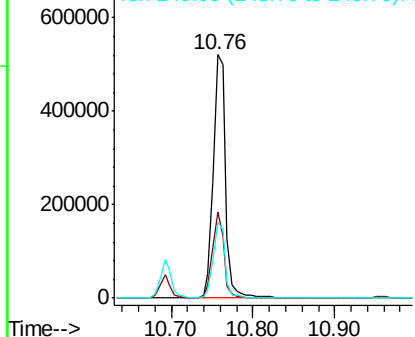


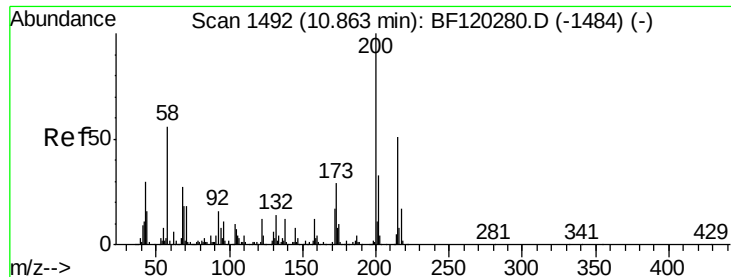
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

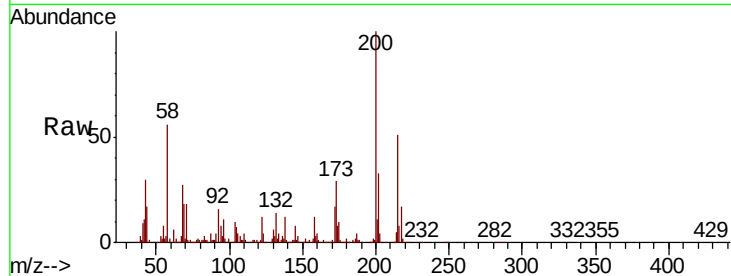




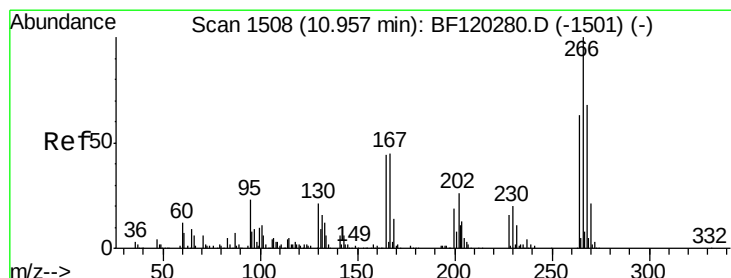
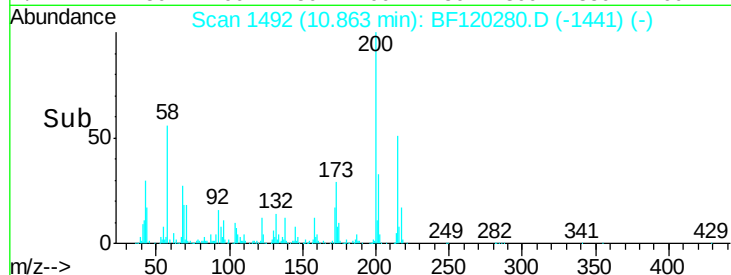
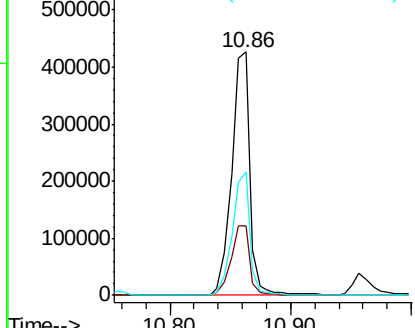
#69
Atrazine
Concen: 44.524 ng
RT: 10.86 min Scan# 1492
Delta R.T. 0.00 min
Lab File: BF120280.D
Acq: 14 May 2020 10:14

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.7	8.7	48.7
215	50.6	30.6	70.6

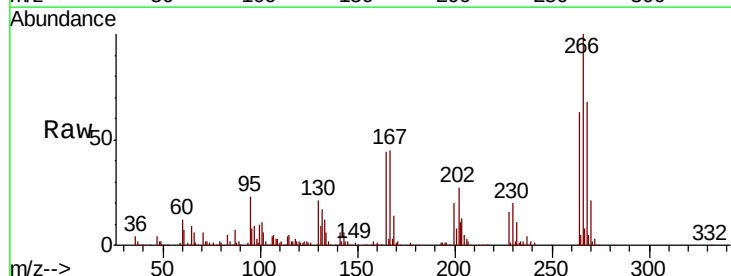


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

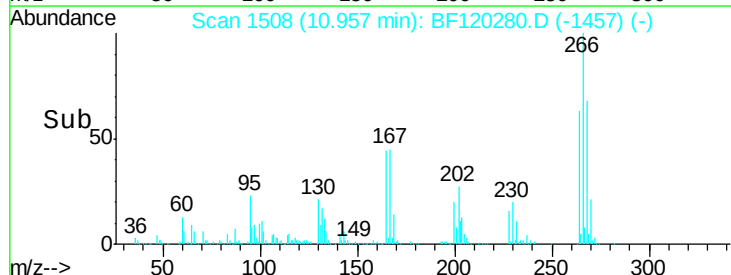
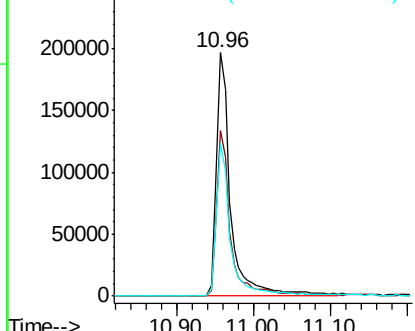


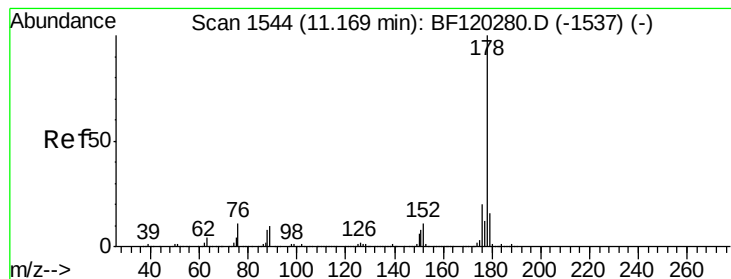
#70
Pentachlorophenol
Concen: 35.082 ng
RT: 10.96 min Scan# 1508
Delta R.T. 0.00 min
Lab File: BF120280.D
Acq: 14 May 2020 10:14

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.8	54.2	81.4
264	62.8	50.2	75.4



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 34.365 ng

RT: 11.17 min Scan# 1544

Delta R.T. 0.00 min

Lab File: BF120280.D

Acq: 14 May 2020 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

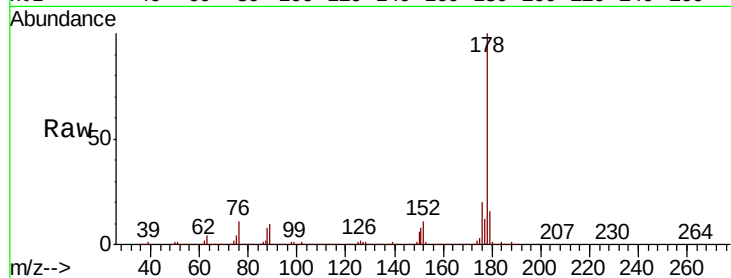
Tot Ion:178 Resp: 2275959

Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.8

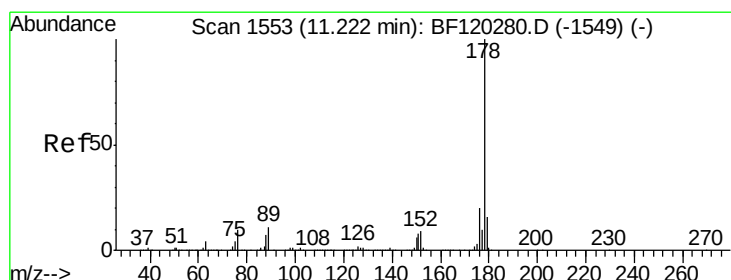
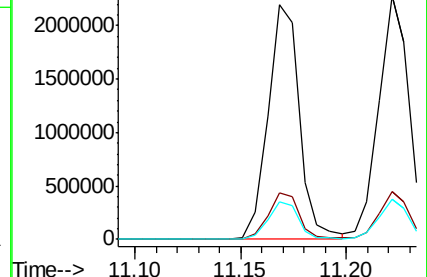
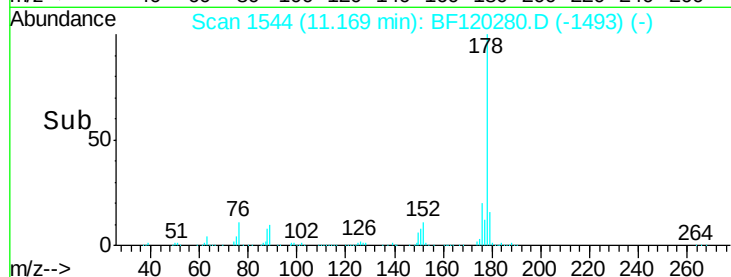
179 16.0 12.8 19.2



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: 34.703 ng

RT: 11.22 min Scan# 1553

Delta R.T. 0.00 min

Lab File: BF120280.D

Acq: 14 May 2020 10:14

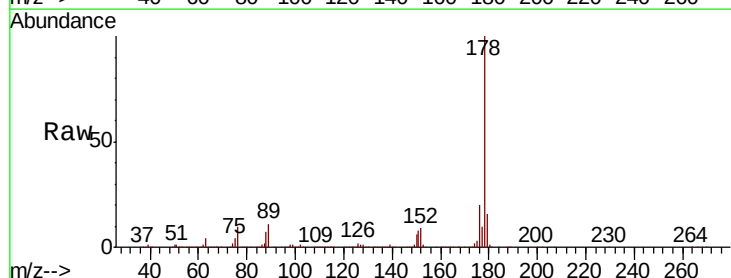
Tgt Ion:178 Resp: 2464275

Ion Ratio Lower Upper

178 100

176 19.6 15.7 23.5

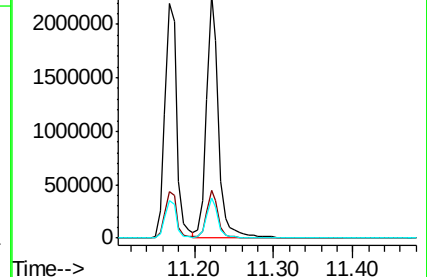
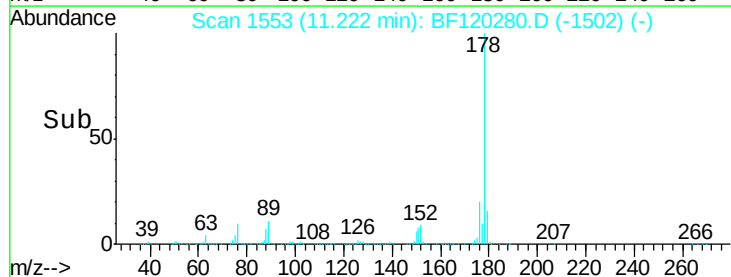
179 16.3 13.0 19.6

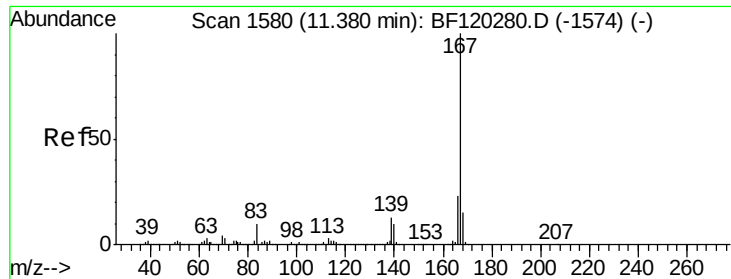


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

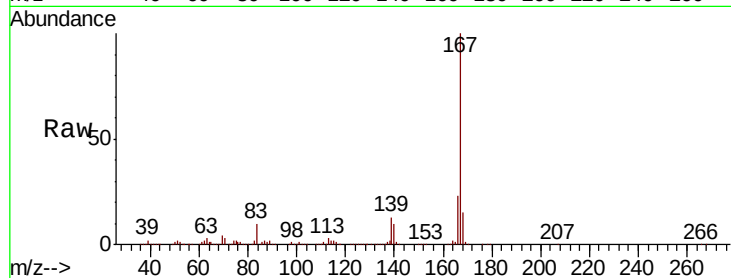




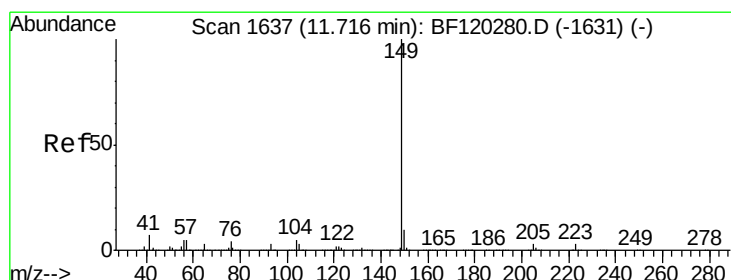
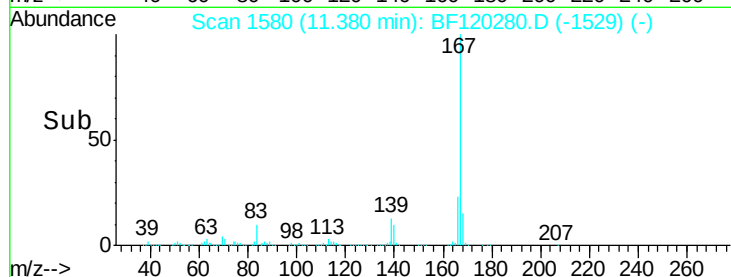
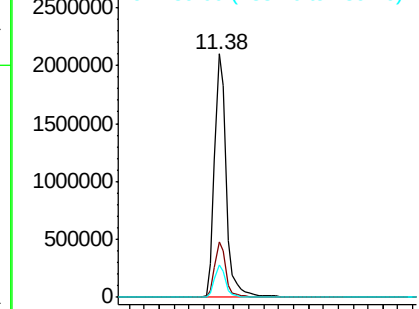
#73
 Carbazole
 Concen: 32.426 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. 0.00 min
 Lab File: BF120280.D
 Acq: 14 May 2020 10:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion:167 Resp: 2305904
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.1 27.1
 139 13.2 10.6 15.8

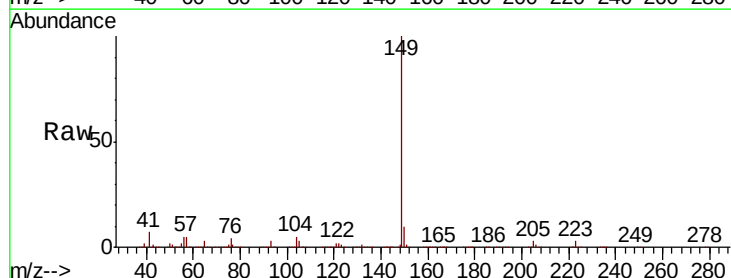


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

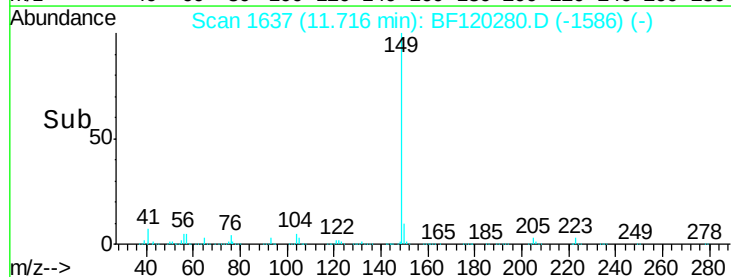
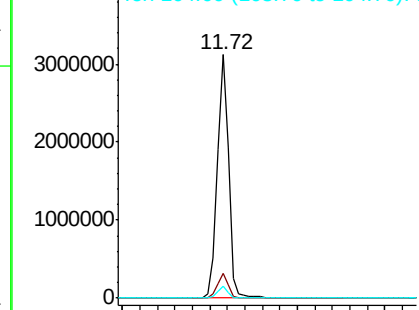


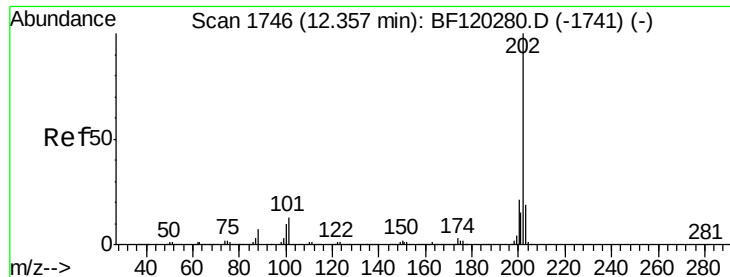
#74
 Di-n-butylphthalate
 Concen: 31.518 ng
 RT: 11.72 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: BF120280.D
 Acq: 14 May 2020 10:14

Tgt Ion:149 Resp: 2829174
 Ion Ratio Lower Upper
 149 100
 150 10.3 8.2 12.4
 104 4.8 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 32.321 ng

RT: 12.36 min Scan# 1746

Delta R.T. 0.00 min

Lab File: BF120280.D

Acq: 14 May 2020 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

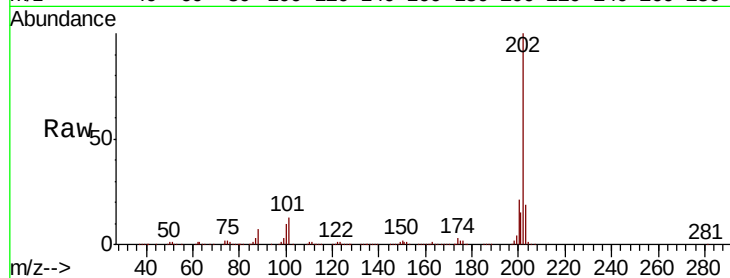
Tot Ion:202 Resp: 2523544

Ion Ratio Lower Upper

202 100

101 13.2 0.0 33.2

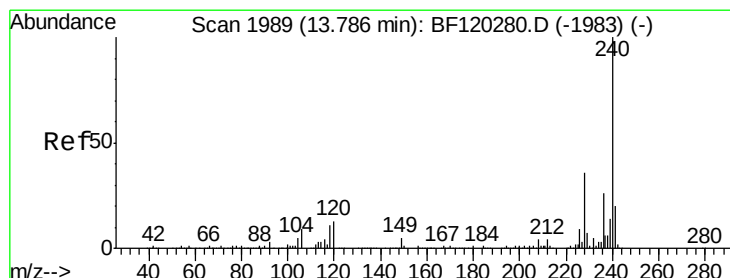
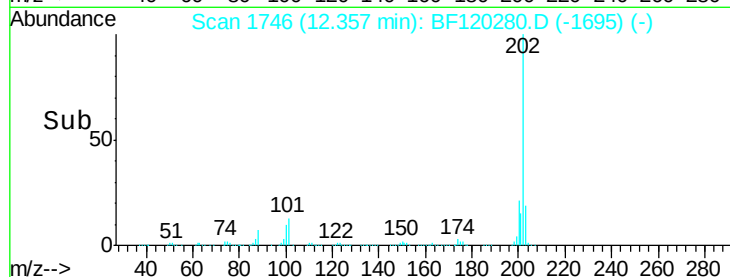
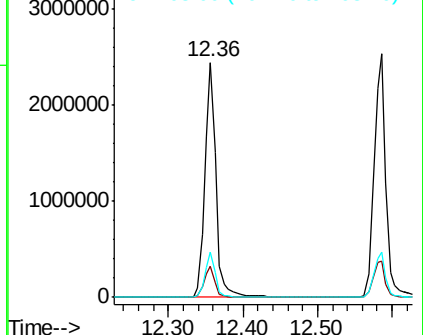
203 19.1 0.0 39.1



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: 13.79 min Scan# 1989

Delta R.T. 0.00 min

Lab File: BF120280.D

Acq: 14 May 2020 10:14

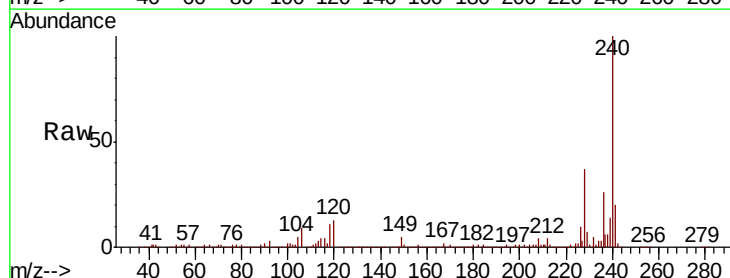
Tgt Ion:240 Resp: 970353

Ion Ratio Lower Upper

240 100

120 13.0 10.4 15.6

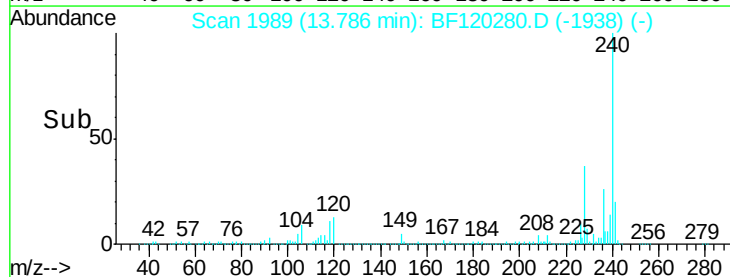
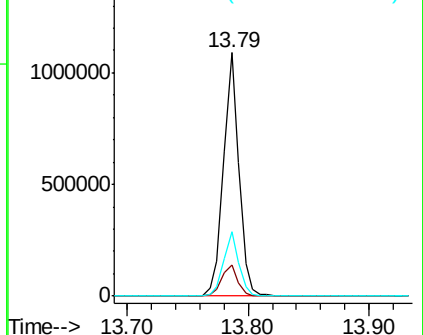
236 26.3 21.0 31.6

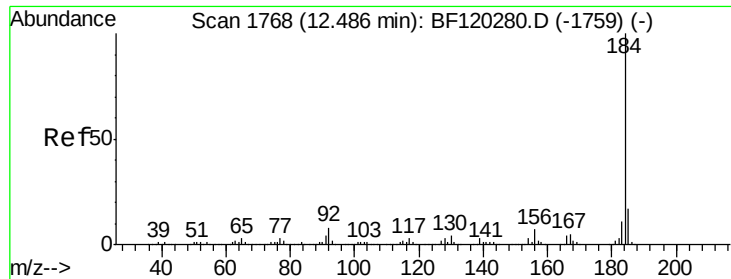


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 49.081 ng

RT: 12.49 min Scan# 1768

Delta R.T. 0.00 min

Lab File: BF120280.D

Acq: 14 May 2020 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

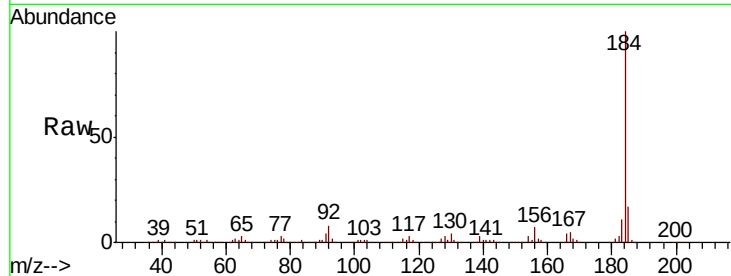
Tot Ion:184 Resp: 1148049

Ion Ratio Lower Upper

184 100

185 17.1 13.7 20.5

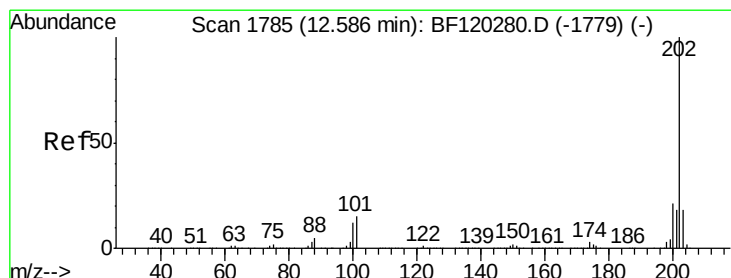
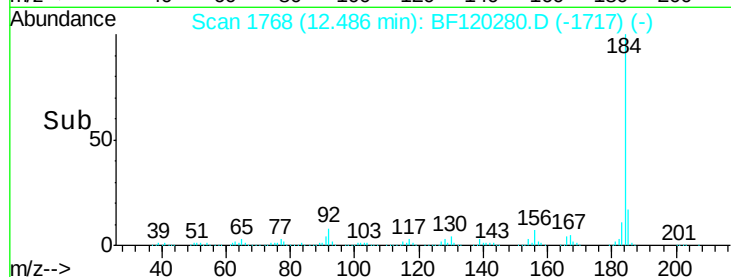
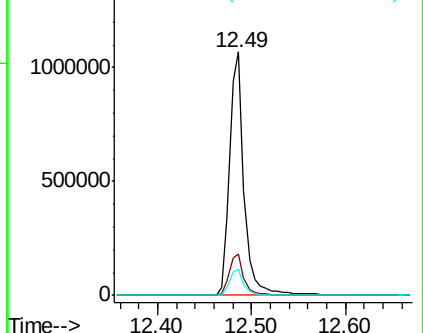
183 10.9 8.7 13.1



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 34.769 ng

RT: 12.59 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF120280.D

Acq: 14 May 2020 10:14

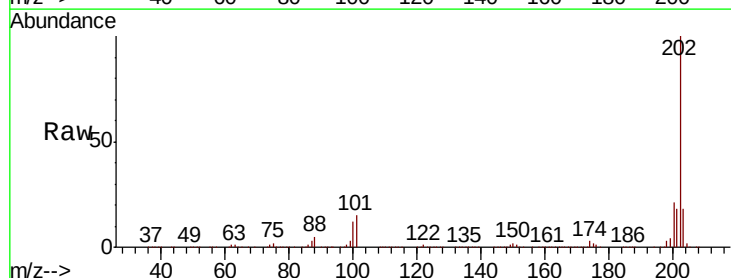
Tgt Ion:202 Resp: 2793975

Ion Ratio Lower Upper

202 100

200 20.8 16.6 25.0

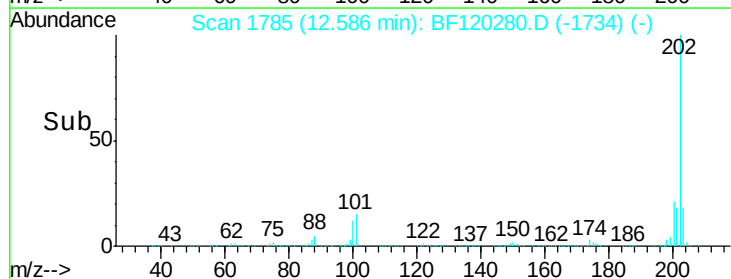
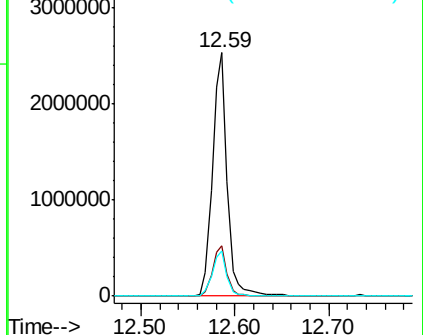
203 18.3 14.6 22.0

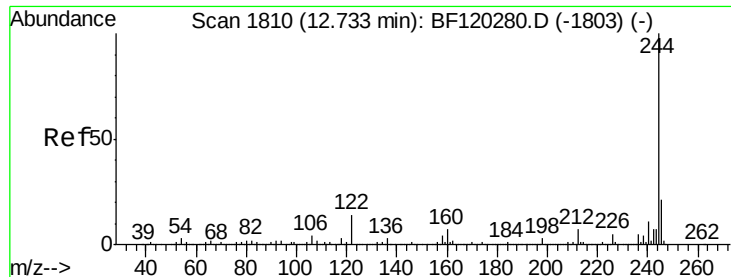


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 67.516 ng

RT: 12.73 min Scan# 1810

Delta R.T. 0.00 min

Lab File: BF120280.D

Acq: 14 May 2020 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

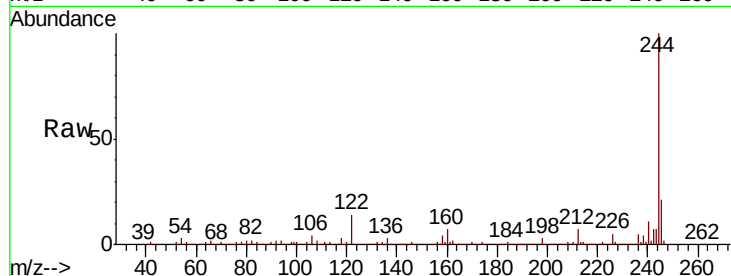
Tot Ion:244 Resp: 3430007

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

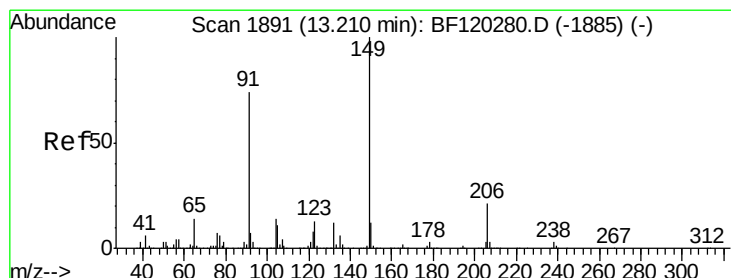
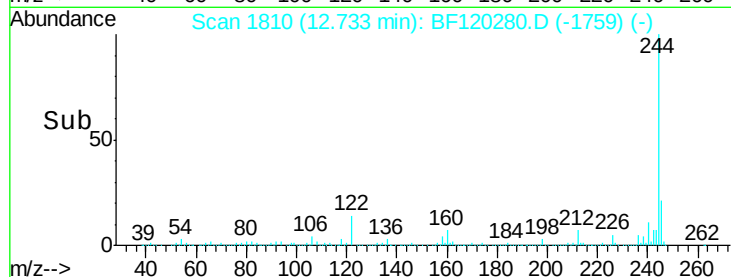
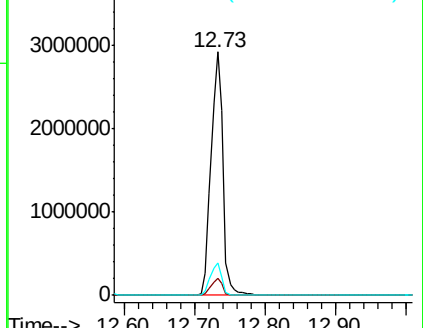
122 13.5 10.8 16.2



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: 34.556 ng

RT: 13.21 min Scan# 1891

Delta R.T. 0.00 min

Lab File: BF120280.D

Acq: 14 May 2020 10:14

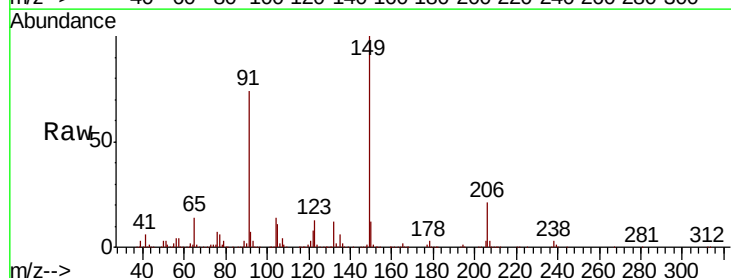
Tgt Ion:149 Resp: 1319511

Ion Ratio Lower Upper

149 100

91 73.7 59.0 88.4

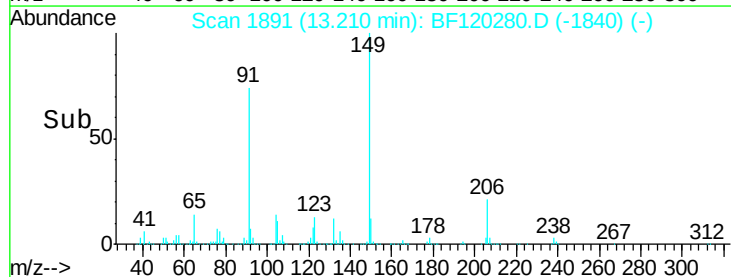
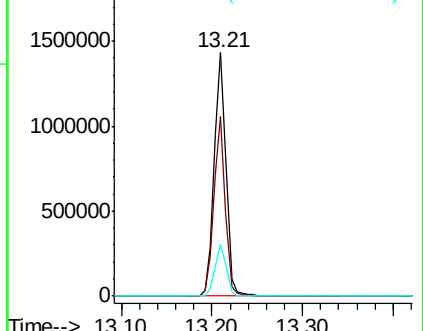
206 21.0 16.8 25.2

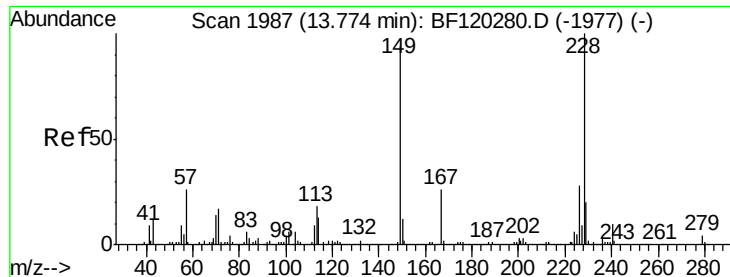


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 33.218 ng

RT: 13.77 min Scan# 1987

Delta R.T. 0.00 min

Lab File: BF120280.D

Acq: 14 May 2020 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

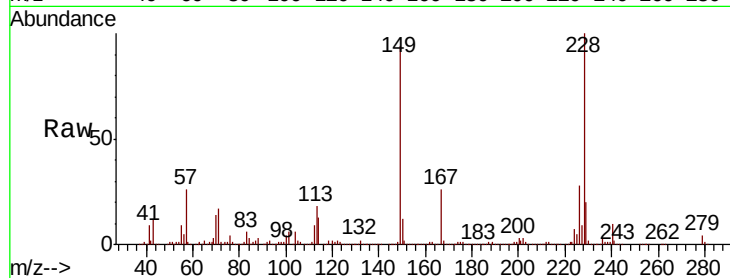
Tot Ion:228 Resp: 2038749

Ion Ratio Lower Upper

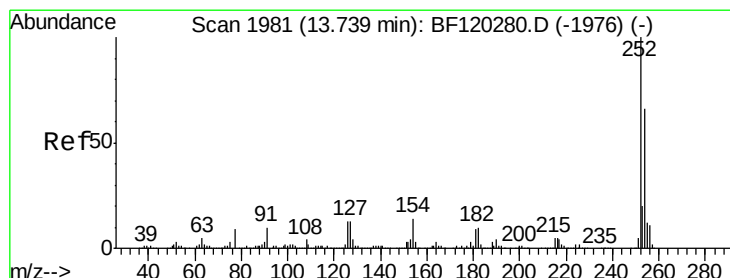
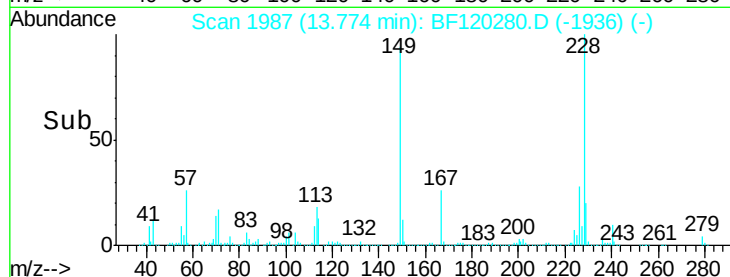
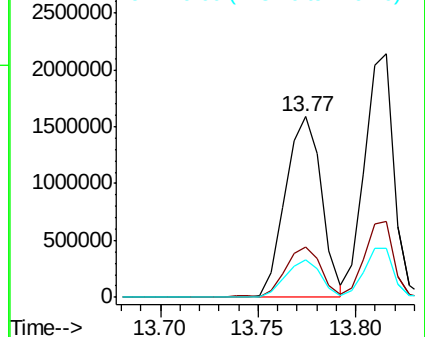
228 100

226 28.2 22.6 33.8

229 20.5 16.4 24.6



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



#82

3,3'-Dichlorobenzidine

Concen: 37.033 ng

RT: 13.74 min Scan# 1981

Delta R.T. 0.00 min

Lab File: BF120280.D

Acq: 14 May 2020 10:14

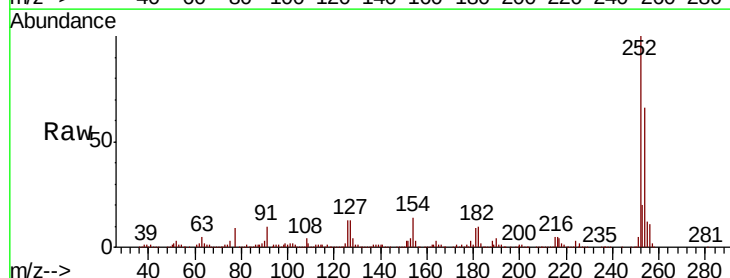
Tgt Ion:252 Resp: 823644

Ion Ratio Lower Upper

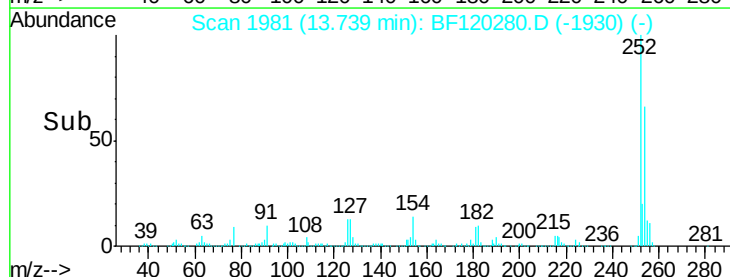
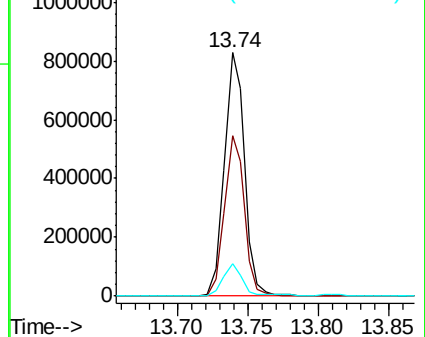
252 100

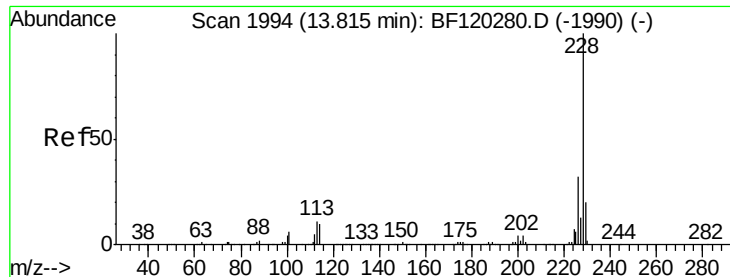
254 65.7 52.6 78.8

126 13.4 10.7 16.1



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: 33.598 ng

RT: 13.82 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BF120280.D

Acq: 14 May 2020 10:14

Instrument :

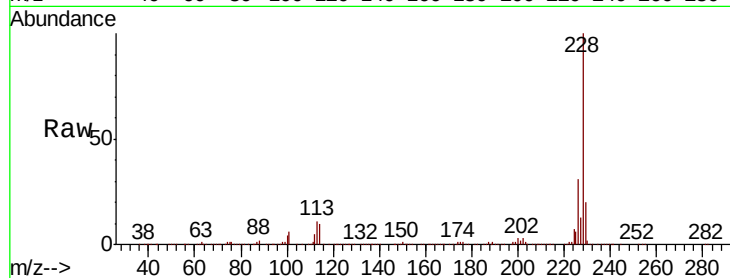
BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:228 Resp: 2242837

Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.0	37.6
229	20.3	16.2	24.4

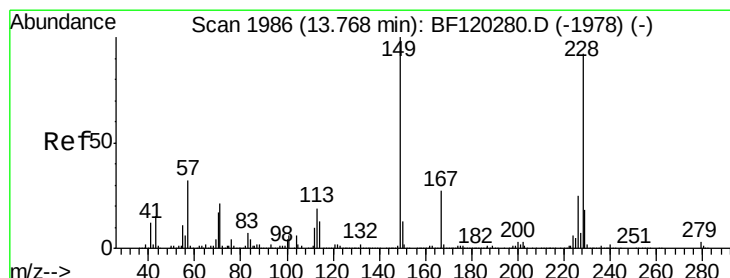
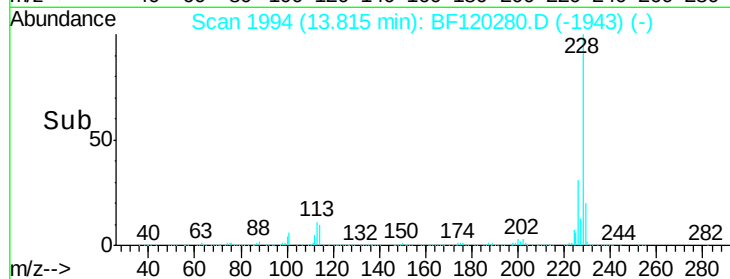
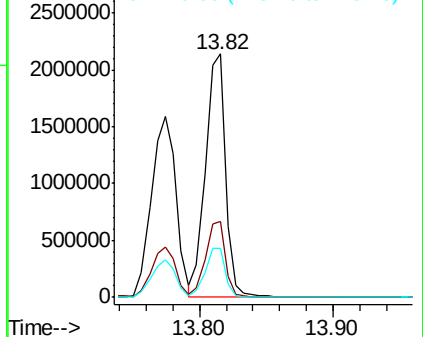


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 33.184 ng

RT: 13.77 min Scan# 1986

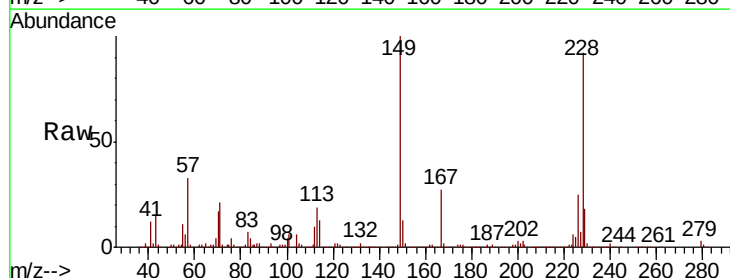
Delta R.T. 0.00 min

Lab File: BF120280.D

Acq: 14 May 2020 10:14

Tgt Ion:149 Resp: 1609317

Ion	Ratio	Lower	Upper
149	100		
167	27.3	21.8	32.8
279	3.5	2.8	4.2

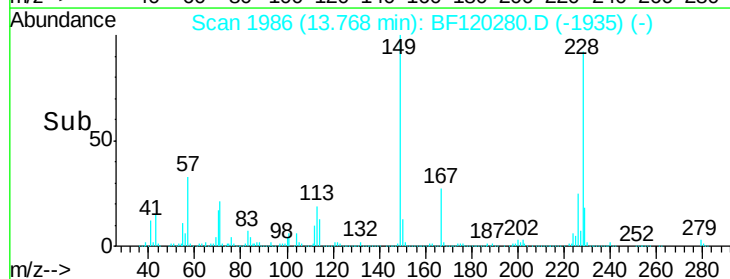
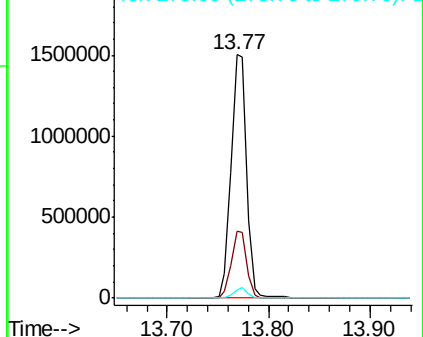


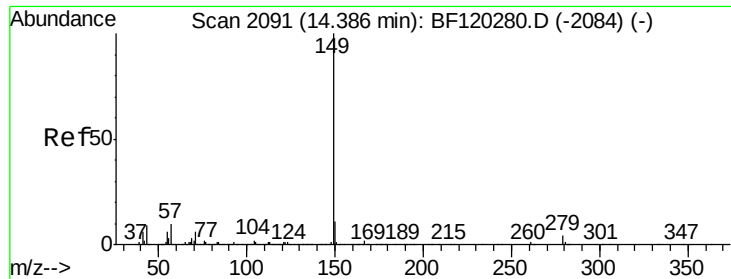
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

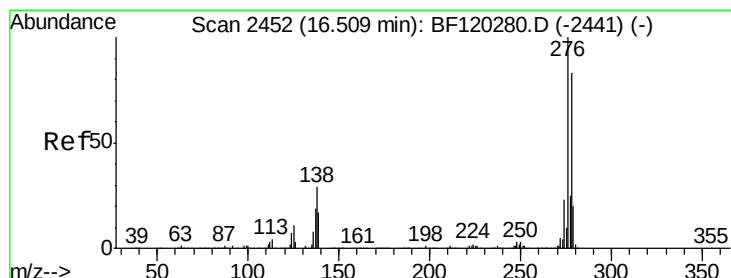
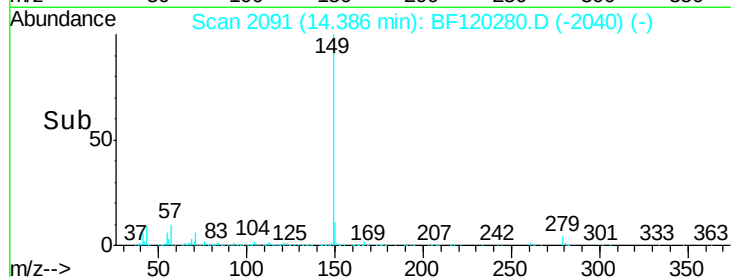
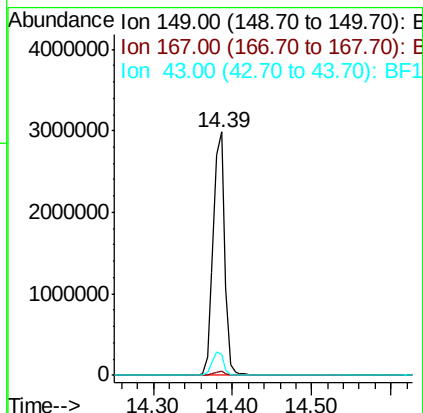
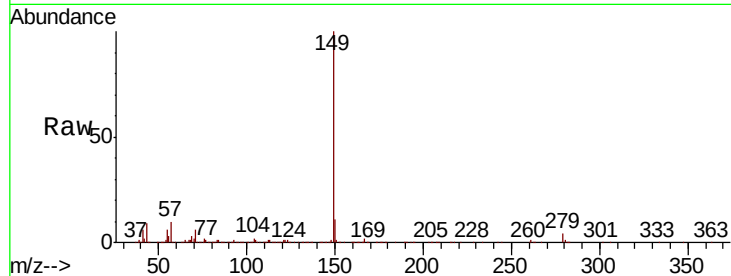




#85
Di-n-octyl phthalate
Concen: 33.519 ng
RT: 14.39 min Scan# 2091
Delta R.T. 0.00 min
Lab File: BF120280.D
Acq: 14 May 2020 10:14

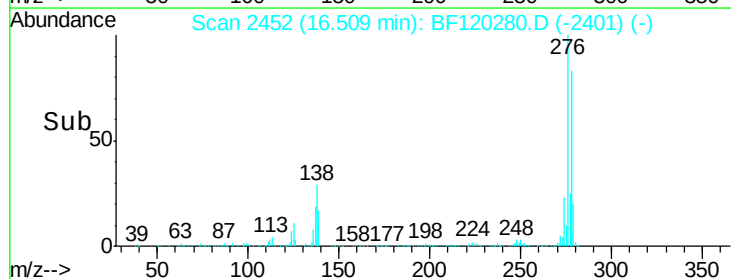
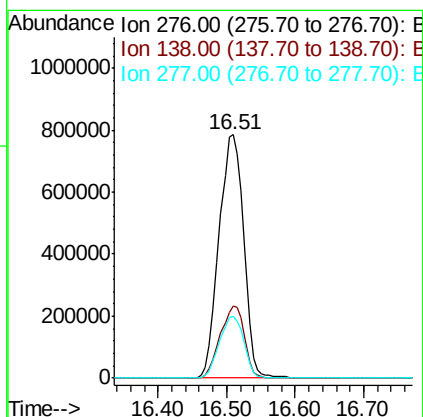
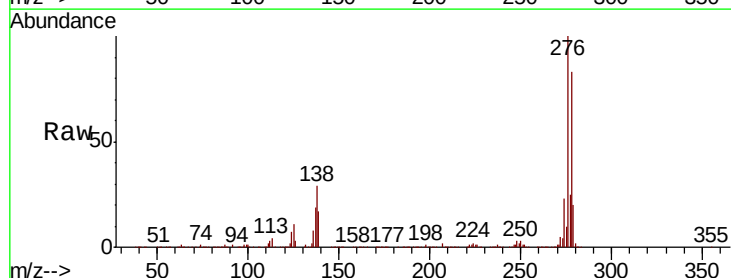
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

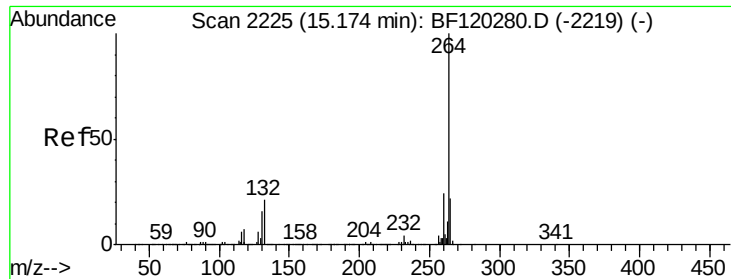
Tot Ion:149 Resp: 3007972
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.4 7.5 11.3



#86
Indeno(1,2,3-cd)pyrene
Concen: 32.039 ng
RT: 16.51 min Scan# 2452
Delta R.T. 0.00 min
Lab File: BF120280.D
Acq: 14 May 2020 10:14

Tgt Ion:276 Resp: 1966036
Ion Ratio Lower Upper
276 100
138 29.1 23.3 34.9
277 25.3 20.2 30.4

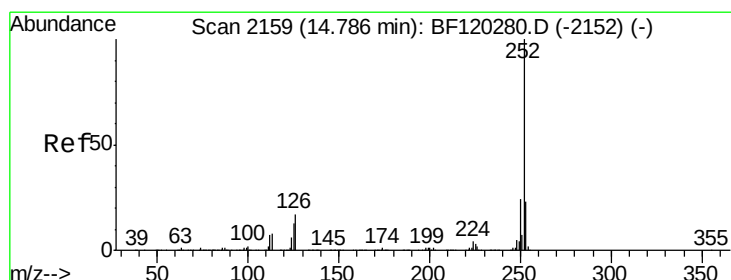
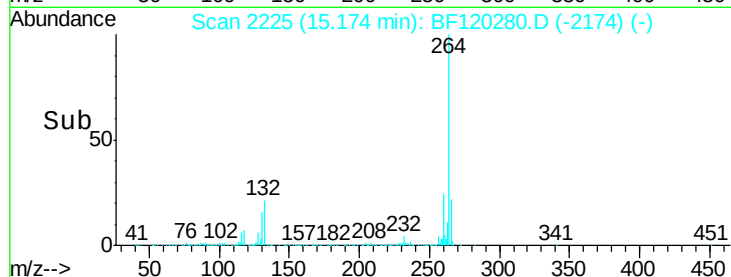
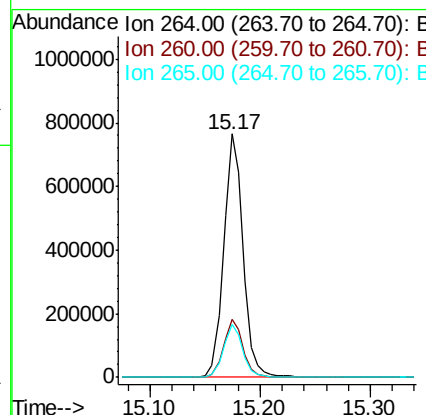
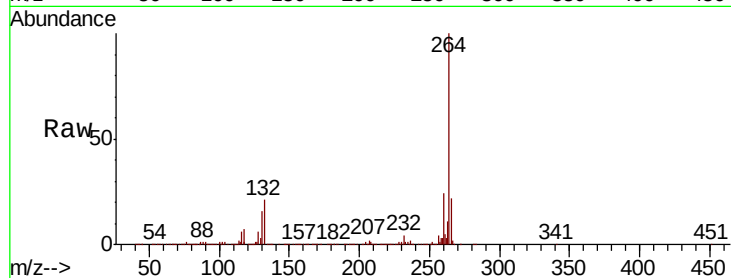




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.17 min Scan# 2225
Delta R.T. 0.00 min
Lab File: BF120280.D
Acq: 14 May 2020 10:14

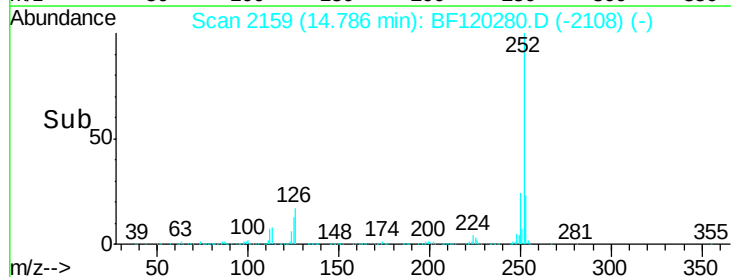
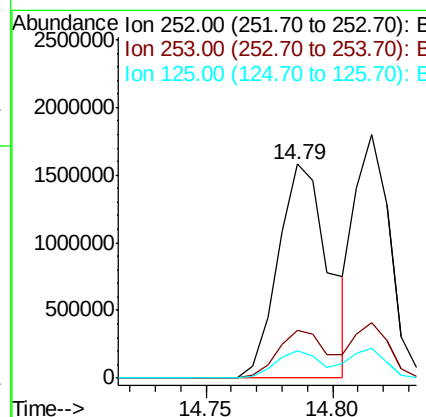
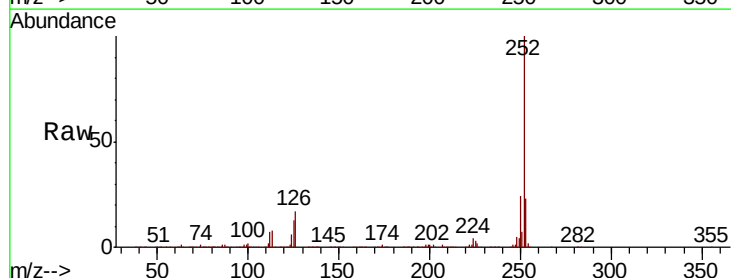
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

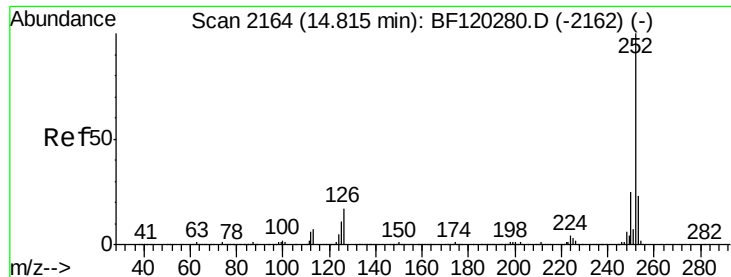
Tot Ion:264 Resp: 933441
Ion Ratio Lower Upper
264 100
260 23.8 19.0 28.6
265 21.9 17.5 26.3



#88
Benzo(b)fluoranthene
Concen: 35.409 ng
RT: 14.79 min Scan# 2159
Delta R.T. 0.00 min
Lab File: BF120280.D
Acq: 14 May 2020 10:14

Tgt Ion:252 Resp: 2185452
Ion Ratio Lower Upper
252 100
253 22.6 18.1 27.1
125 13.0 10.4 15.6

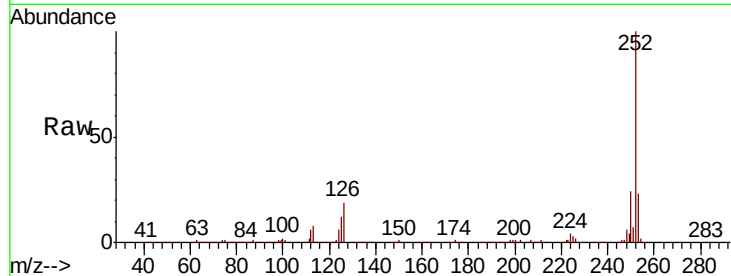




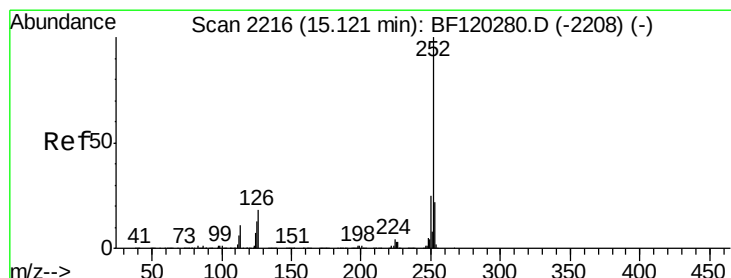
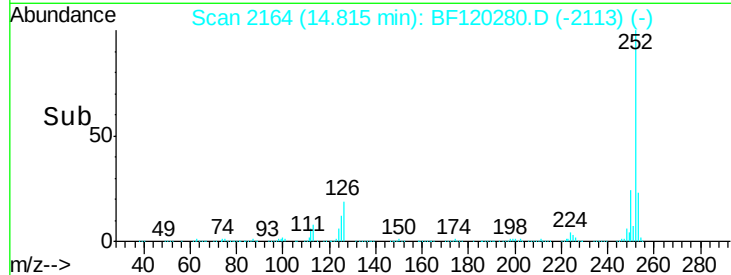
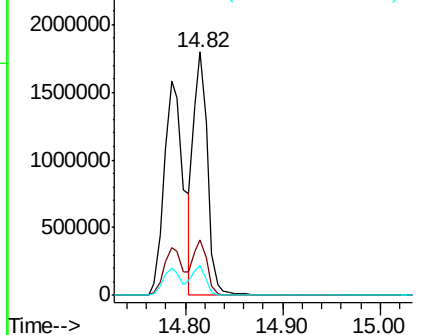
#89
Benzo(k)fluoranthene
Concen: 32.007 ng
RT: 14.82 min Scan# 2164
Delta R.T. 0.00 min
Lab File: BF120280.D
Acq: 14 May 2020 10:14

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:252 Resp: 1754974
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 12.4 9.9 14.9

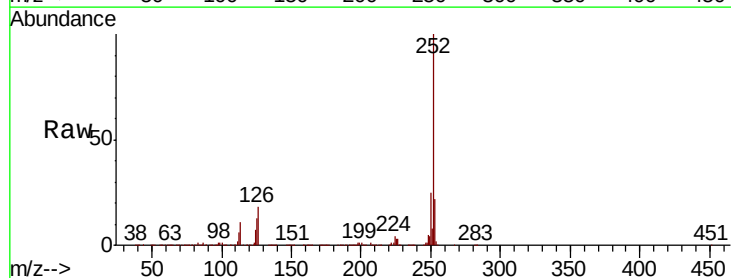


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

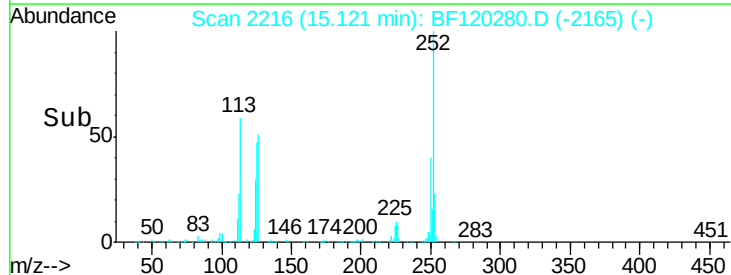
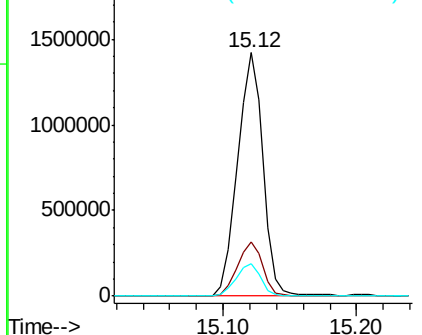


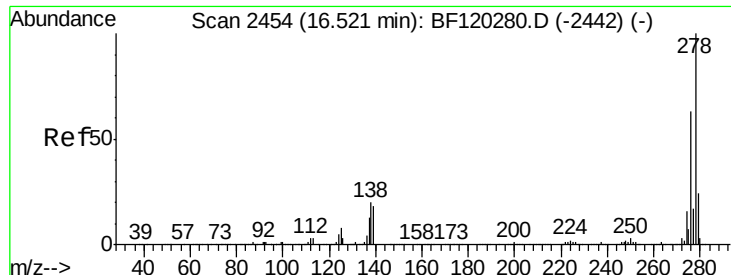
#90
Benzo(a)pyrene
Concen: 34.232 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BF120280.D
Acq: 14 May 2020 10:14

Tgt Ion:252 Resp: 1872927
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 13.3 10.6 16.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 32.816 ng

RT: 16.52 min Scan# 2454

Delta R.T. 0.00 min

Lab File: BF120280.D

Acq: 14 May 2020 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

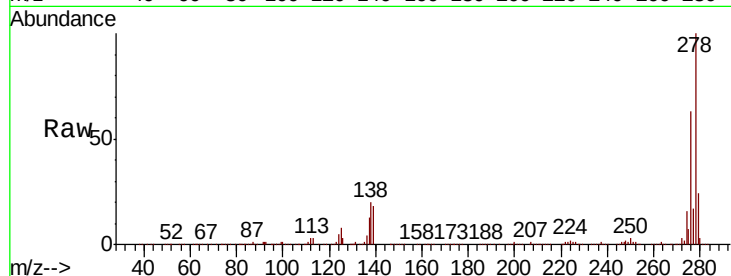
Tot Ion:278 Resp: 1616790

Ion Ratio Lower Upper

278 100

139 18.4 14.7 22.1

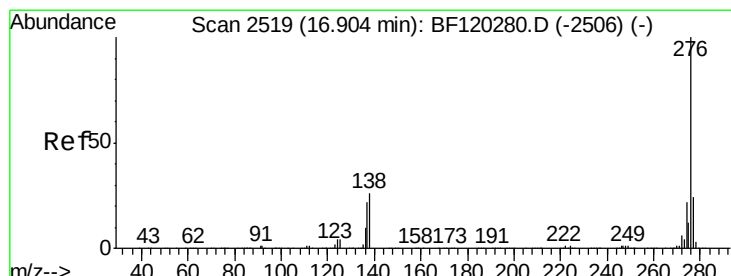
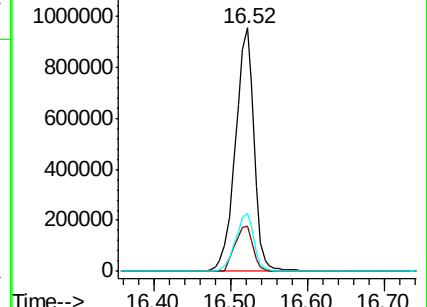
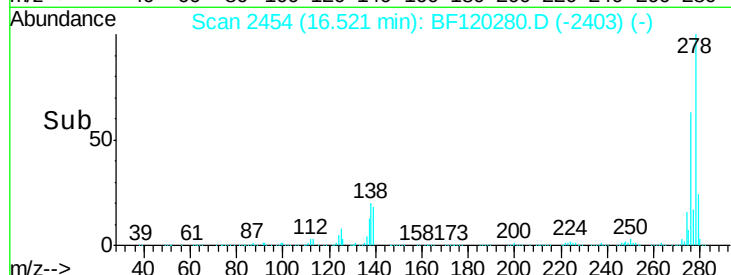
279 24.0 19.2 28.8



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: 32.587 ng

RT: 16.90 min Scan# 2519

Delta R.T. 0.00 min

Lab File: BF120280.D

Acq: 14 May 2020 10:14

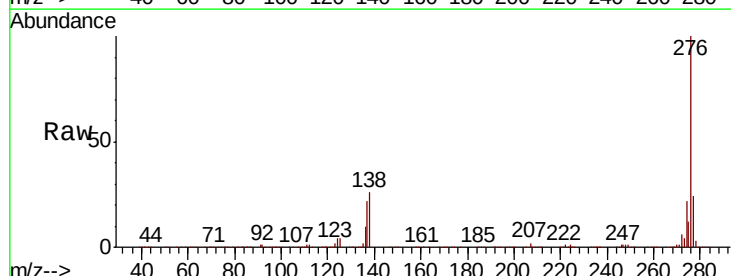
Tgt Ion:276 Resp: 1598421

Ion Ratio Lower Upper

276 100

277 23.9 19.1 28.7

138 26.0 20.8 31.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

