

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
 Data File : BF120300.D
 Acq On : 14 May 2020 19:38
 Operator : MA/SJ
 Sample : L2605-04MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 15 02:35:04 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 12:47:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	398436	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	1574115	20.00	ng	0.00
39) Acenaphthene-d10	9.66	164	793989	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	1437031	20.00	ng	0.00
76) Chrysene-d12	13.79	240	771835	20.00	ng	0.00
87) Perylene-d12	15.17	264	760437	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.24	112	1915495	93.54	ng	0.01
7) Phenol-d6	6.29	99	2350097	90.75	ng	0.00
23) Nitrobenzene-d5	7.20	82	1502795	65.36	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	576390	89.03	ng	0.00
45) 2-Fluorobiphenyl	8.99	172	2700169	69.87	ng	0.00
79) Terphenyl-d14	12.73	244	2569456	73.55	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.29	88	364251	44.716	ng	99
3) Pyridine	2.96	79	838898	32.761	ng	99
4) n-Nitrosodimethylamine	2.92	42	419426	41.832	ng	98
6) Aniline	6.29	93	723620	21.850	ng	# 84
8) 2-Chlorophenol	6.42	128	994638	41.658	ng	95
9) Benzaldehyde	6.17	77	640279	40.108	ng	99
10) Phenol	6.30	94	1227749	40.614	ng	# 76
11) bis(2-Chloroethyl)ether	6.37	93	994164	41.171	ng	100
12) 1,3-Dichlorobenzene	6.56	146	977772	38.271	ng	98
13) 1,4-Dichlorobenzene	6.64	146	1014268	38.545	ng	99
14) 1,2-Dichlorobenzene	6.79	146	900456	38.000	ng	99
15) Benzyl Alcohol	6.78	79	754699	41.022	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.91	45	1468078	38.578	ng	87
17) 2-Methylphenol	6.90	107	775449	38.472	ng	95
18) Hexachloroethane	7.13	117	375084	37.417	ng	98
19) n-Nitroso-di-n-propylamine	7.05	70	670967	39.549	ng	97
20) 3+4-Methylphenols	7.06	107	1017863	38.841	ng	96
22) Acetophenone	7.05	105	1341958	41.614	ng	99
24) Nitrobenzene	7.22	77	1006407	40.674	ng	100
25) Isophorone	7.46	82	1917376	40.081	ng	100
26) 2-Nitrophenol	7.53	139	550350	42.529	ng	99
27) 2,4-Dimethylphenol	7.58	122	841444	44.699	ng	95
28) bis(2-Chloroethoxy)methane	7.67	93	1245659	41.428	ng	99
29) 2,4-Dichlorophenol	7.78	162	798149	41.283	ng	98
30) 1,2,4-Trichlorobenzene	7.85	180	849214	39.637	ng	98
31) Naphthalene	7.93	128	2765405	41.626	ng	100
32) Benzoic acid	7.75	122	592637	48.030	ng	99
33) 4-Chloroaniline	7.99	127	327985	10.833	ng	99
34) Hexachlorobutadiene	8.05	225	471235	38.054	ng	97
35) Caprolactam	8.37	113	158065	24.990	ng	96
36) 4-Chloro-3-methylphenol	8.49	107	853947	40.830	ng	97
37) 2-Methylnaphthalene	8.62	142	1836326	40.392	ng	99
38) 1-Methylnaphthalene	8.72	142	1769936	40.140	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.79	216	810570	40.486	ng	99

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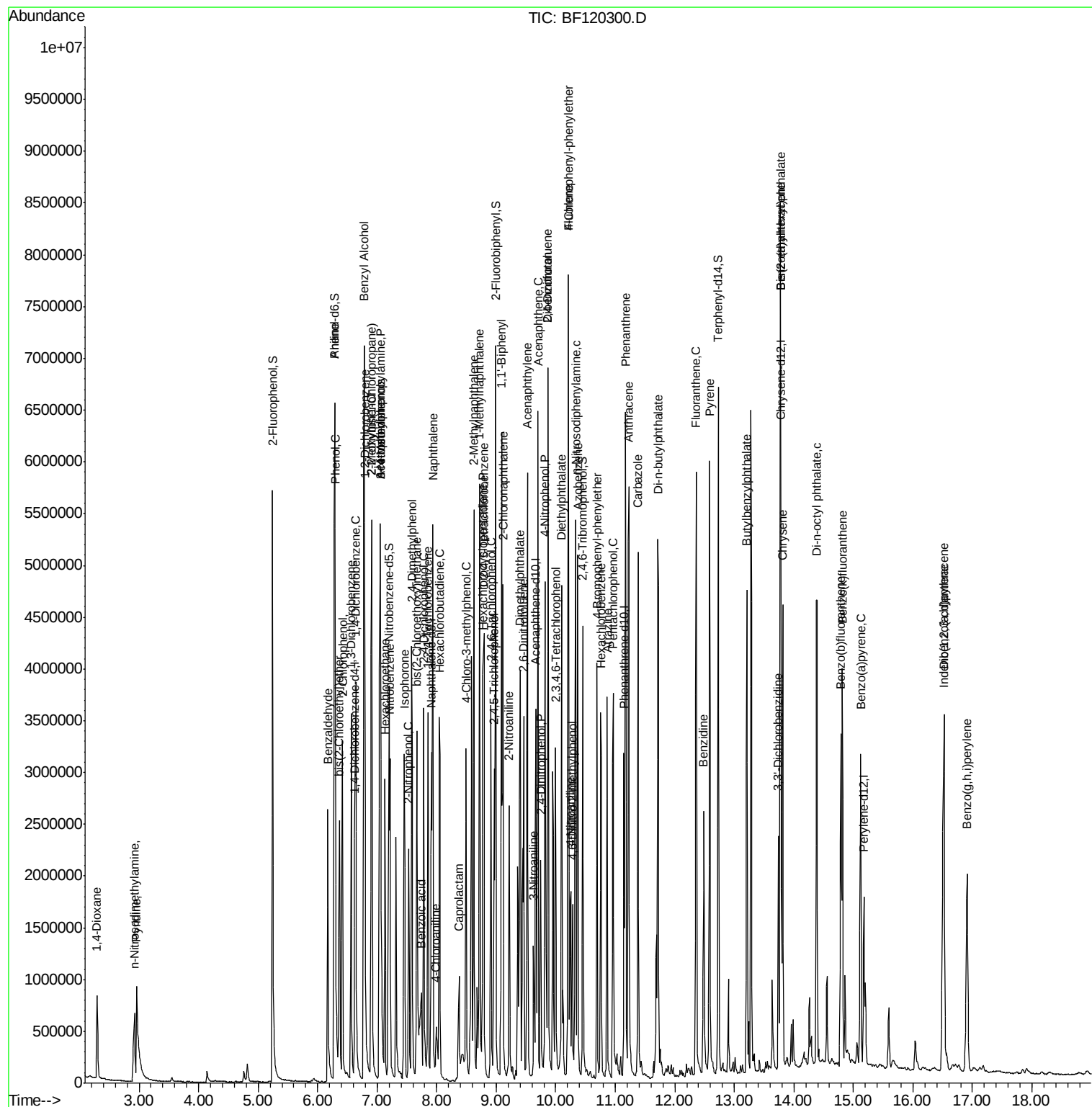
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	609514	74.316	nq	99
43) 2,4,6-Trichlorophenol	8.91	196	547597	40.747	nq	99
44) 2,4,5-Trichlorophenol	8.96	196	592711	38.404	nq	99
46) 1,1'-Biphenyl	9.09	154	2185016	42.001	nq	98
47) 2-Chloronaphthalene	9.12	162	1662188	39.832	nq	99
48) 2-Nitroaniline	9.22	65	595470	39.109	nq	96
49) Acenaphthylene	9.53	152	2567766	40.282	nq	100
50) Dimethylphthalate	9.40	163	2366541	47.150	nq	99
51) 2,6-Dinitrotoluene	9.46	165	436105	38.930	nq	98
52) Acenaphthene	9.70	154	1513481	39.610	nq	100
53) 3-Nitroaniline	9.63	138	246414	18.446	nq	100
54) 2,4-Dinitrophenol	9.75	184	351277	66.431	nq	96
55) Dibenzofuran	9.87	168	2170884	39.454	nq	98
56) 4-Nitrophenol	9.83	139	541134	75.388	nq	99
57) 2,4-Dinitrotoluene	9.87	165	507361	38.610	nq	98
58) Fluorene	10.22	166	1700744	40.586	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.00	232	460936	39.686	nq	98
60) Diethylphthalate	10.10	149	1923602	39.698	nq	99
61) 4-Chlorophenyl-phenylether	10.21	204	821226	37.693	nq	93
62) 4-Nitroaniline	10.25	138	374467	30.103	nq	98
63) Azobenzene	10.37	77	1861527	40.648	nq	98
65) 4,6-Dinitro-2-methylphenol	10.28	198	272762	37.532	nq	94
66) n-Nitrosodiphenylamine	10.33	169	1590173	39.998	nq	100
67) 4-Bromophenyl-phenylether	10.69	248	515250	36.950	nq	98
68) Hexachlorobenzene	10.76	284	545505	37.393	nq	# 93
69) Atrazine	10.86	200	434101	36.491	nq	99
70) Pentachlorophenol	10.96	266	504145	81.253	nq	99
71) Phenanthrene	11.17	178	2545086	42.148	nq	99
72) Anthracene	11.23	178	2563273	39.652	nq	100
73) Carbazole	11.39	167	2284313	37.820	nq	99
74) Di-n-butylphthalate	11.72	149	2990992	41.089	nq	100
75) Fluoranthene	12.36	202	2805782	43.352	nq	99
77) Benzidine	12.49	184	1046942	46.450	nq	97
78) Pyrene	12.59	202	2721761	49.465	nq	99
80) Butylbenzylphthalate	13.21	149	1146961	44.267	nq	98
81) Benzo(a)anthracene	13.77	228	1758760	43.203	nq	99
82) 3,3'-Dichlorobenzidine	13.74	252	499776	32.578	nq	98
83) Chrysene	13.82	228	1831491	41.897	nq	99
84) Bis(2-ethylhexyl)phthalate	13.77	149	1466335	45.487	nq	99
85) Di-n-octyl phthalate	14.39	149	2439476	42.065	nq	99
86) Indeno(1,2,3-cd)pyrene	16.51	276	1836033	46.277	nq	99
88) Benzo(b)fluoranthene	14.79	252	1799685	43.335	nq	98
89) Benzo(k)fluoranthene	14.82	252	1426786	39.655	nq	99
90) Benzo(a)pyrene	15.12	252	1536415	41.252	nq	100
91) Dibenzo(a,h)anthracene	16.52	278	1482597	44.934	nq	99
92) Benzo(g,h,i)perylene	16.91	276	1591009	47.818	nq	100

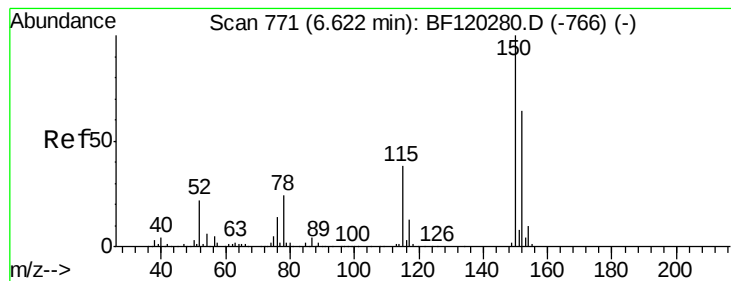
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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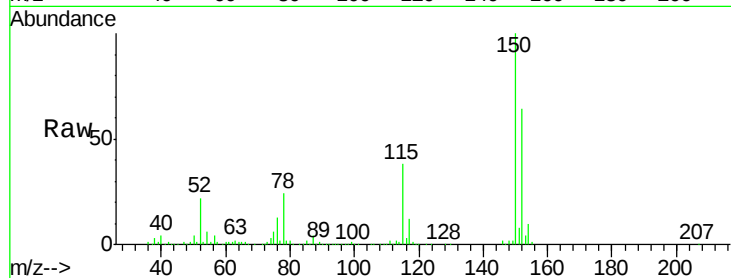


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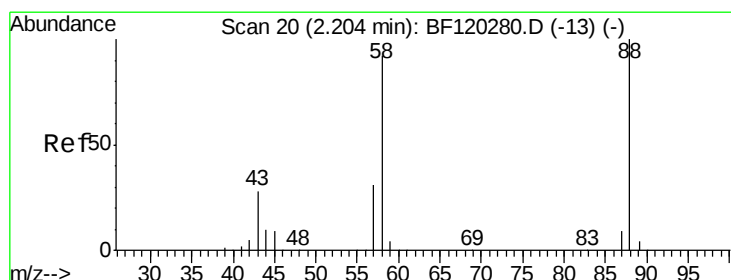
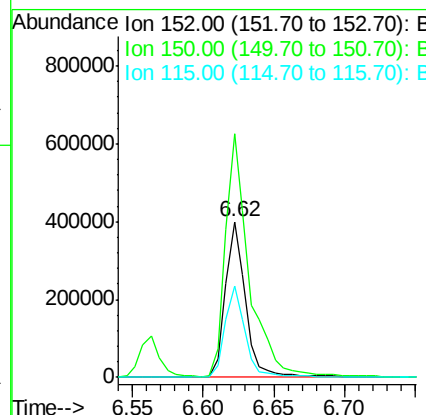
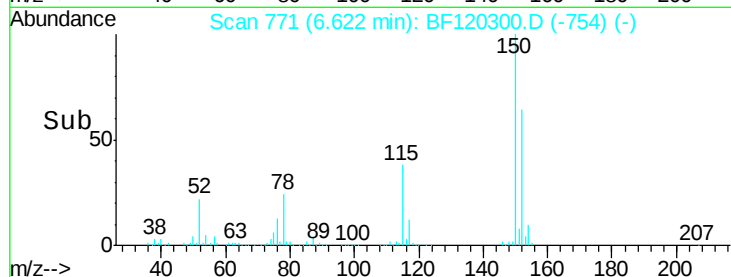
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.62 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF120300.D
Acq: 14 May 2020 19:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	126.2	189.2
115	58.9	47.9	71.9



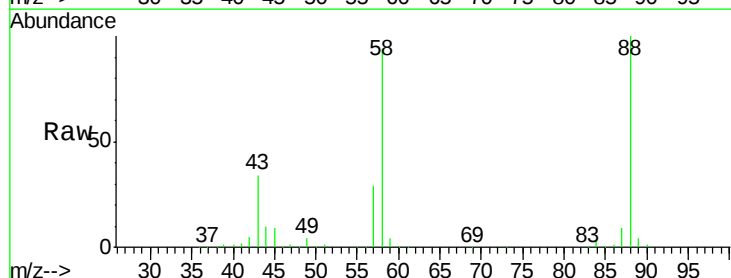
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



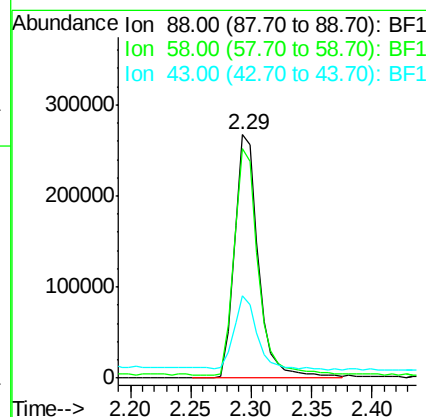
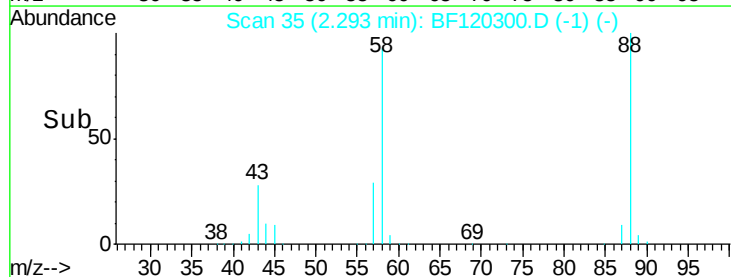
#2

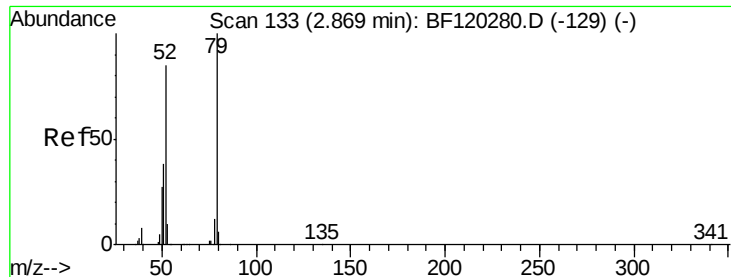
1,4-Dioxane
Concen: 44.716 ng
RT: 2.29 min Scan# 35
Delta R.T. 0.09 min
Lab File: BF120300.D
Acq: 14 May 2020 19:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	94.4	75.8	113.6
43	30.9	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: 32.761 ng

RT: 2.96 min Scan# 148

Delta R.T. 0.09 min

Lab File: BF120300.D

Acq: 14 May 2020 19:38

Instrument :

BNA_F

ClientSampleId :

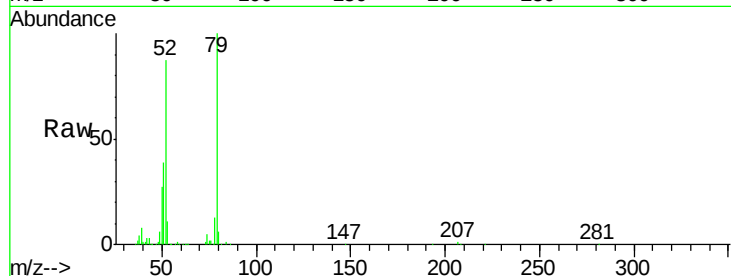
Tot Ion: 79 Resp: 838898

Ion Ratio Lower Upper

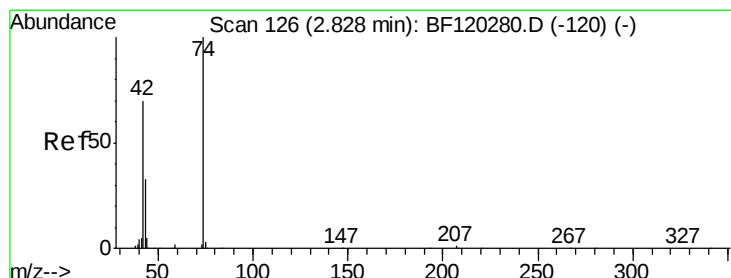
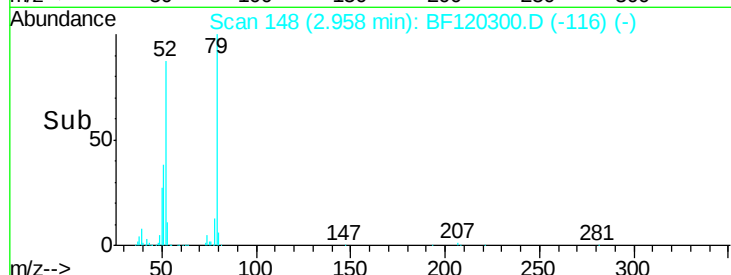
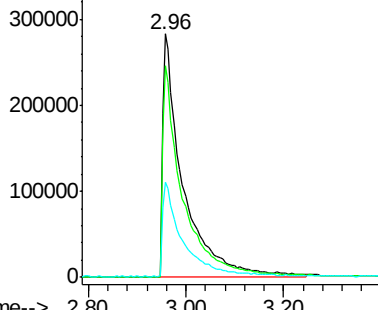
79 100

52 87.1 68.4 102.6

51 38.9 31.0 46.4



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



#4

n-Nitrosodimethylamine

Concen: 41.832 ng

RT: 2.92 min Scan# 142

Delta R.T. 0.09 min

Lab File: BF120300.D

Acq: 14 May 2020 19:38

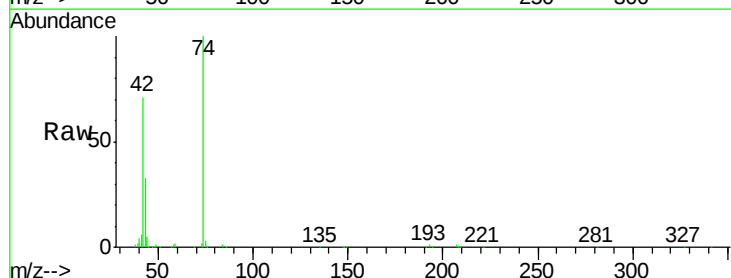
Tgt Ion: 42 Resp: 419426

Ion Ratio Lower Upper

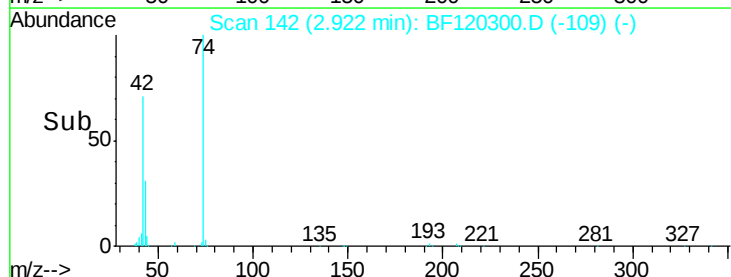
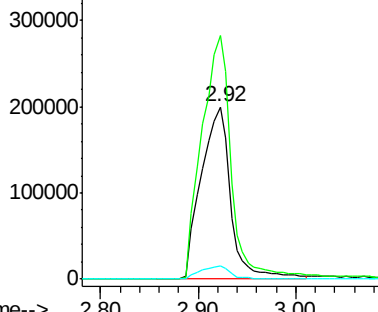
42 100

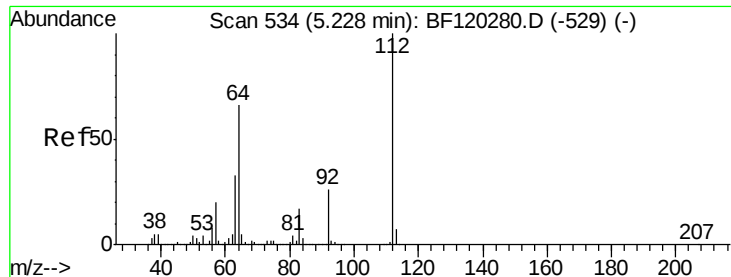
74 141.1 114.8 172.2

44 7.4 5.6 8.4



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





#5

2-Fluorophenol

Concen: 93.540 ng

RT: 5.24 min Scan# 536

Delta R.T. 0.01 min

Lab File: BF120300.D

Acq: 14 May 2020 19:38

Instrument :

BNA_F

ClientSampleId :

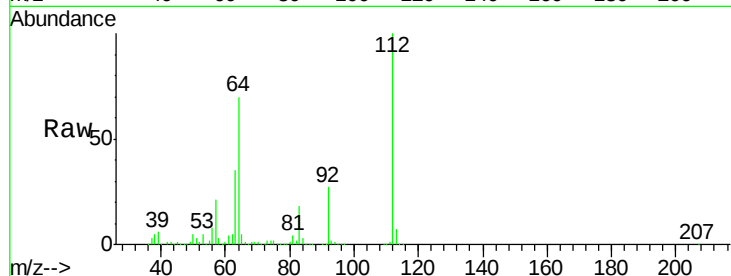
Tot Ion:112 Resp: 1915495

Ion Ratio Lower Upper

112 100

64 69.9 52.7 79.1

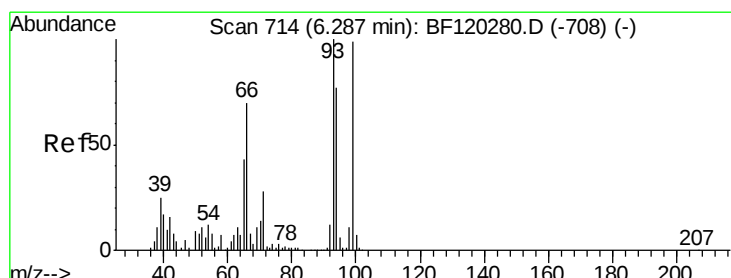
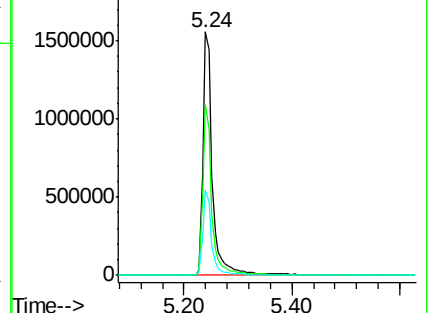
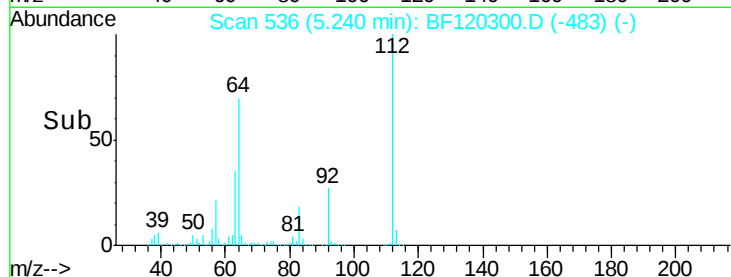
63 35.1 26.2 39.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 21.850 ng

RT: 6.29 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF120300.D

Acq: 14 May 2020 19:38

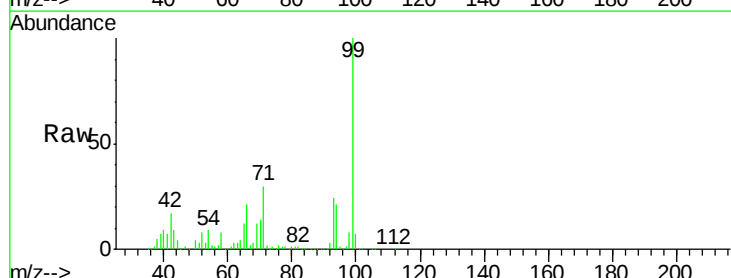
Tgt Ion: 93 Resp: 723620

Ion Ratio Lower Upper

93 100

66 86.8 56.2 84.4#

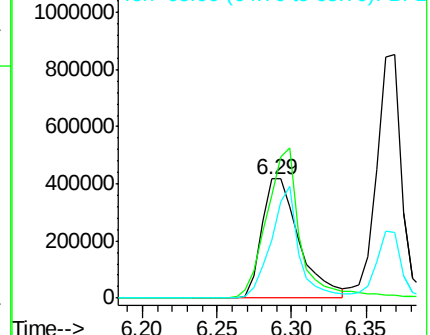
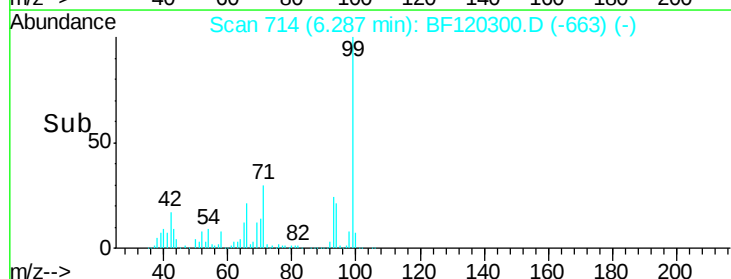
65 49.2 34.2 51.2

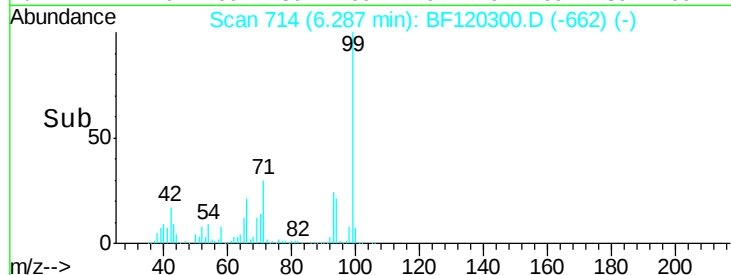
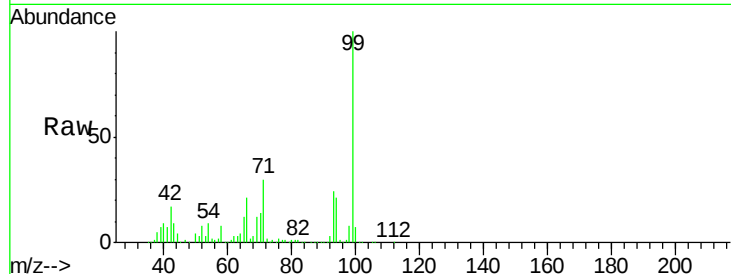
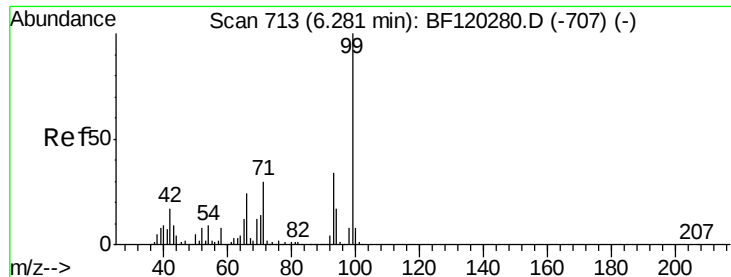


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 90.751 ng

RT: 6.29 min Scan# 714

Delta R.T. 0.01 min

Lab File: BF120300.D

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ClientSampleId :

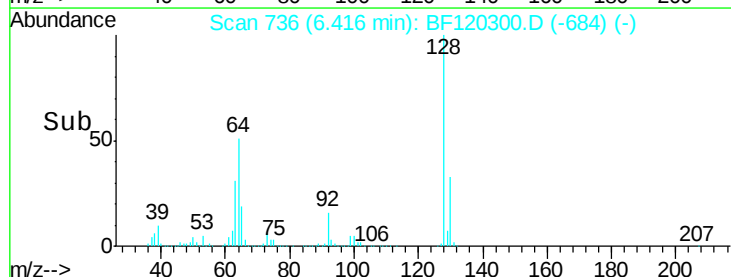
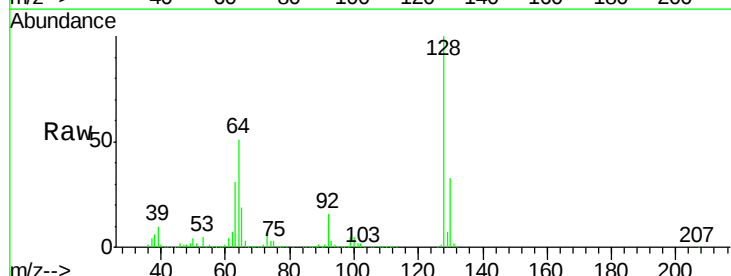
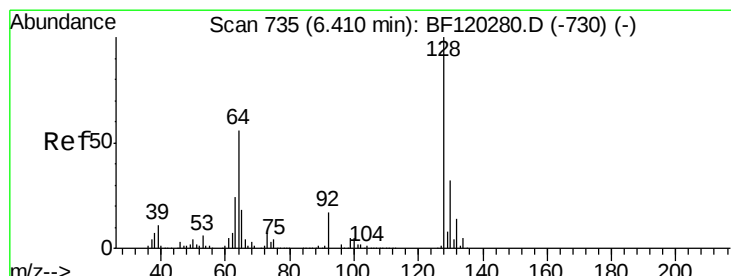
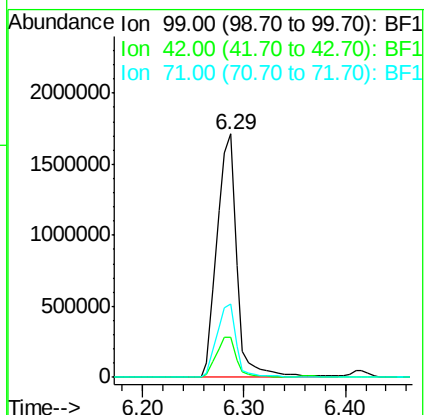
Tot Ion: 99 Resp: 2350097

Ion Ratio Lower Upper

99 100

42 16.7 13.6 20.4

71 30.2 24.2 36.4



#8

2-Chlorophenol

Concen: 41.658 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF120300.D

Acq: 14 May 2020 19:38

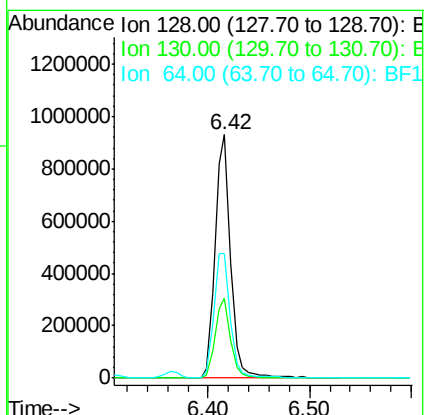
Tgt Ion: 128 Resp: 994638

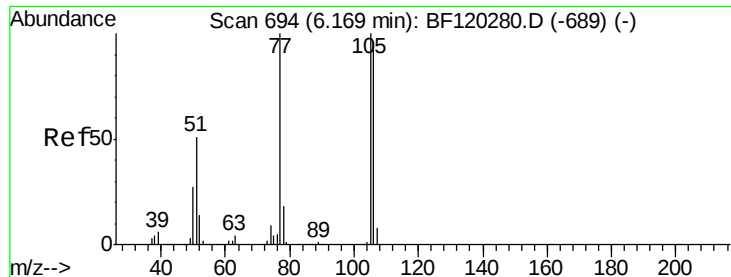
Ion Ratio Lower Upper

128 100

130 32.7 12.4 52.4

64 51.3 36.7 76.7





#9

Benzaldehyde

Concen: 40.108 ng

RT: 6.17 min Scan# 694

Delta R.T. 0.00 min

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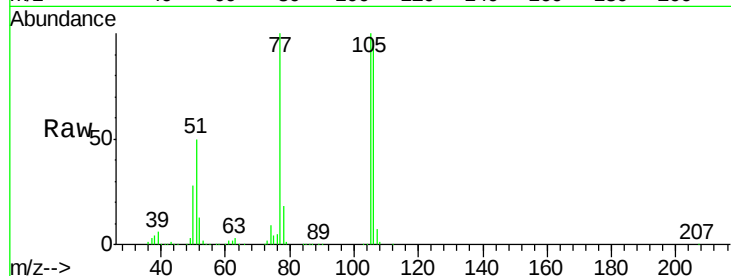
Tot Ion: 77 Resp: 640279

Ion Ratio Lower Upper

77 100

105 99.6 79.9 119.9

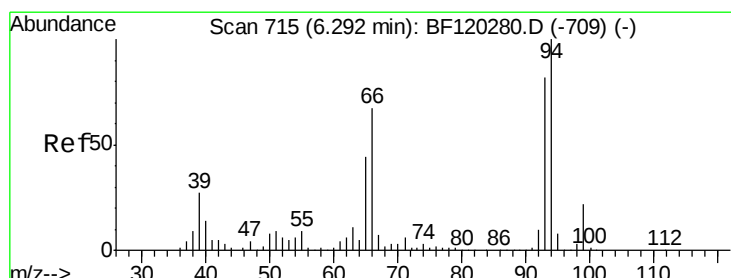
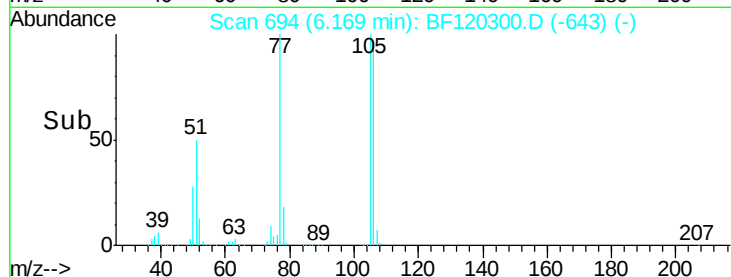
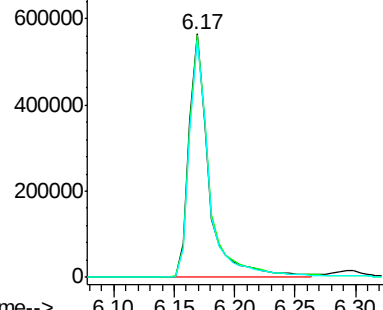
106 97.4 75.7 115.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.614 ng

RT: 6.30 min Scan# 716

Delta R.T. 0.01 min

Lab File: BF120300.D

Acq: 14 May 2020 19:38

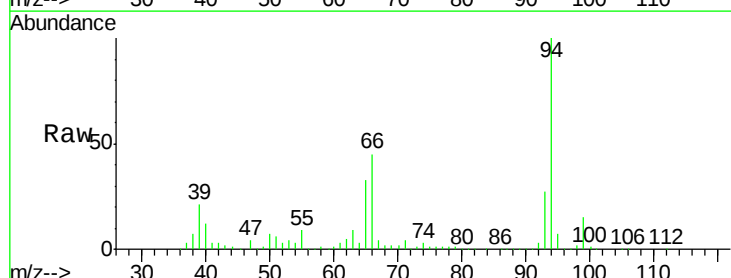
Tgt Ion: 94 Resp: 1227749

Ion Ratio Lower Upper

94 100

65 33.3 24.1 64.1

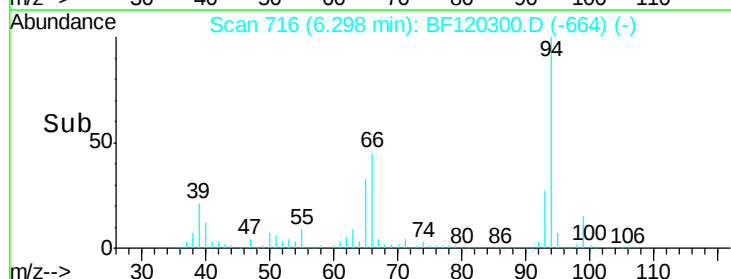
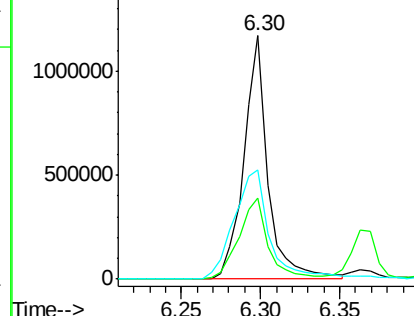
66 44.8 47.5 87.5#

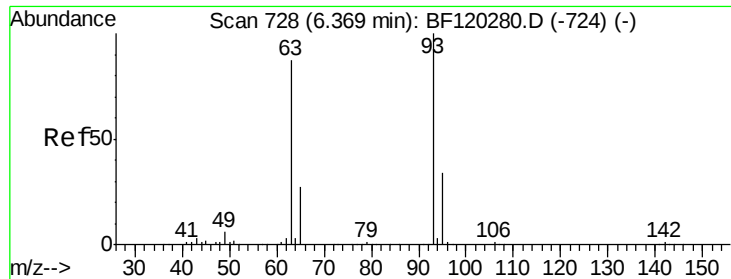


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

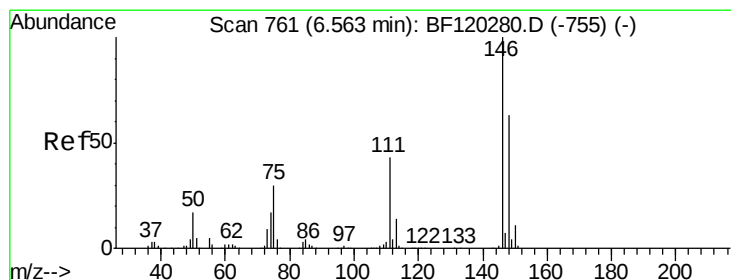
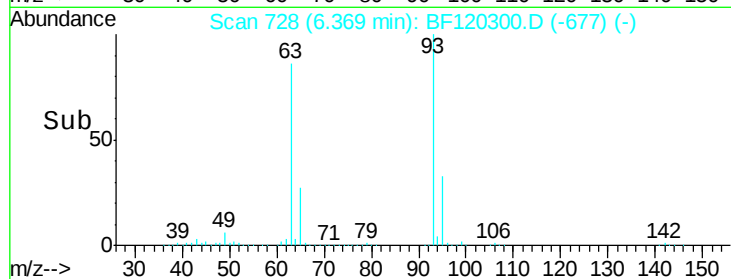
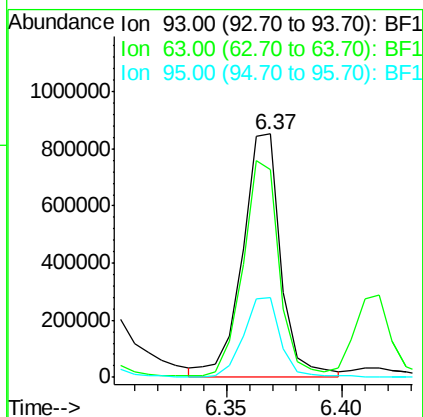
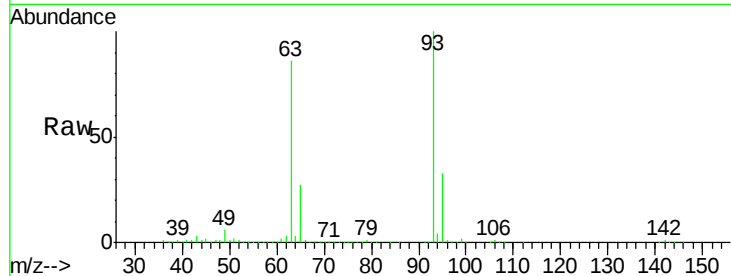




#11
bis(2-Chloroethyl)ether
Concen: 41.171 ng
RT: 6.37 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF120300.D
Acq: 14 May 2020 19:38

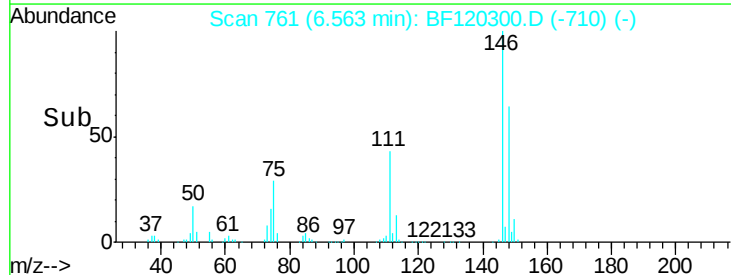
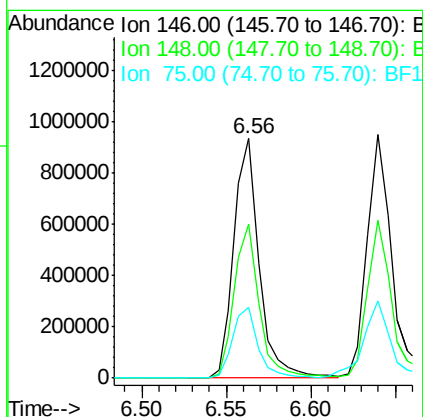
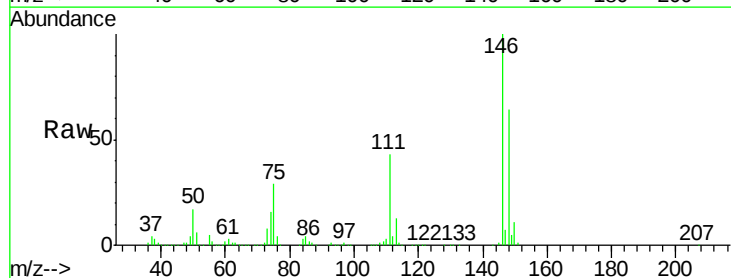
Instrument :
BNA_F
ClientSampleId :

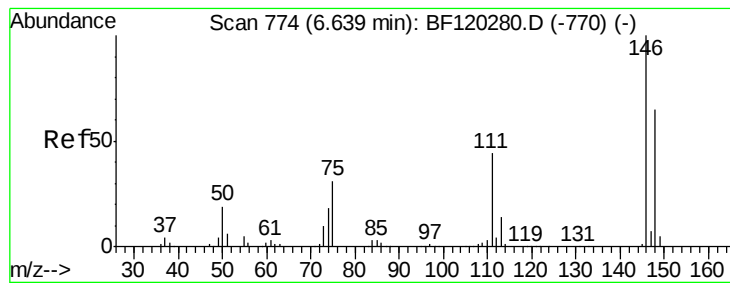
Tot Ion: 93 Resp: 994164
Ion Ratio Lower Upper
93 100
63 85.6 65.4 105.4
95 32.7 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 38.271 ng
RT: 6.56 min Scan# 761
Delta R.T. 0.00 min
Lab File: BF120300.D
Acq: 14 May 2020 19:38

Tgt Ion: 146 Resp: 977772
Ion Ratio Lower Upper
146 100
148 64.4 50.5 75.7
75 29.5 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 38.545 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF120300.D

Acq: 14 May 2020 19:38

Instrument :

BNA_F

ClientSampleId :

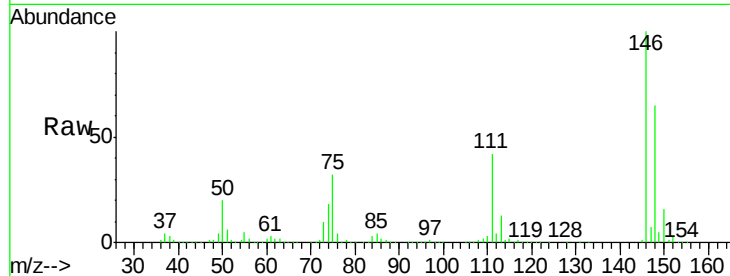
Tot Ion:146 Resp: 1014268

Ion Ratio Lower Upper

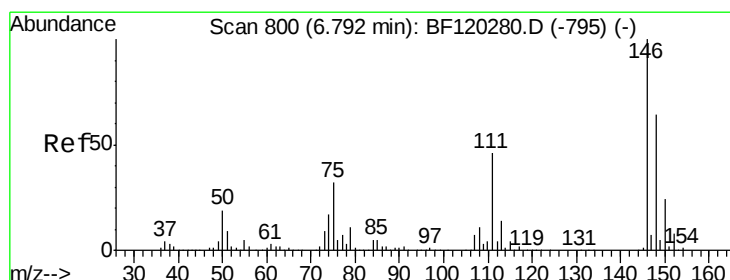
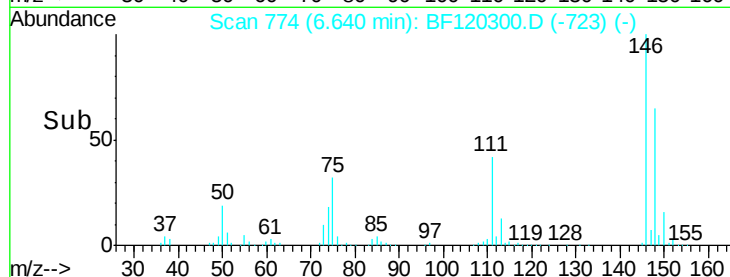
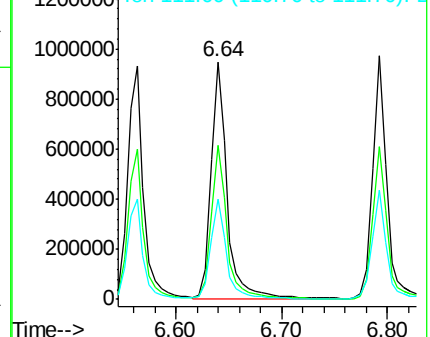
146 100

148 65.0 51.6 77.4

111 42.4 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: 38.000 ng

RT: 6.79 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF120300.D

Acq: 14 May 2020 19:38

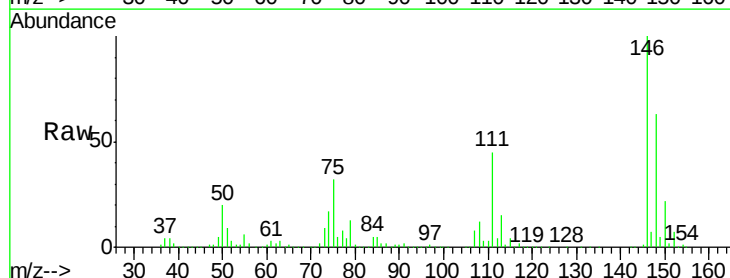
Tgt Ion:146 Resp: 900456

Ion Ratio Lower Upper

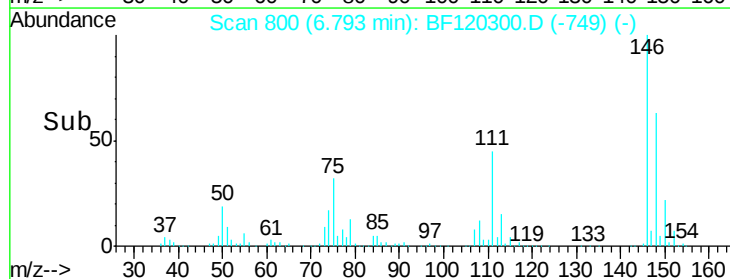
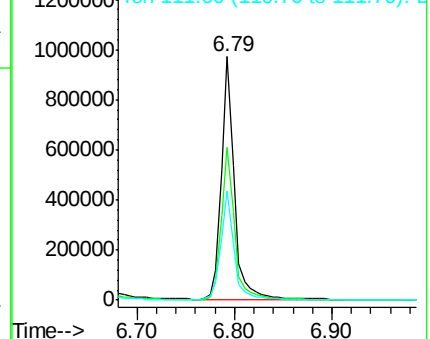
146 100

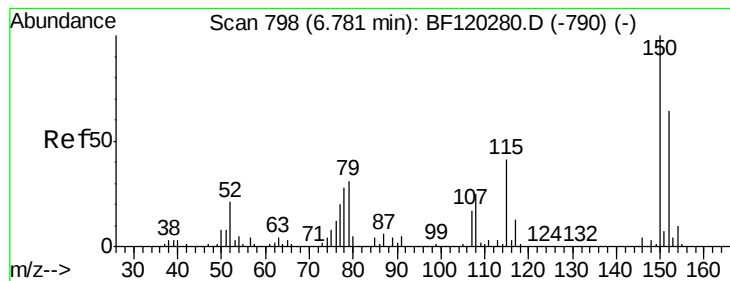
148 62.6 51.1 76.7

111 45.0 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: 41.022 ng

RT: 6.78 min Scan# 798

Delta R.T. 0.00 min

Lab File: BF120300.D

Acq: 14 May 2020 19:38

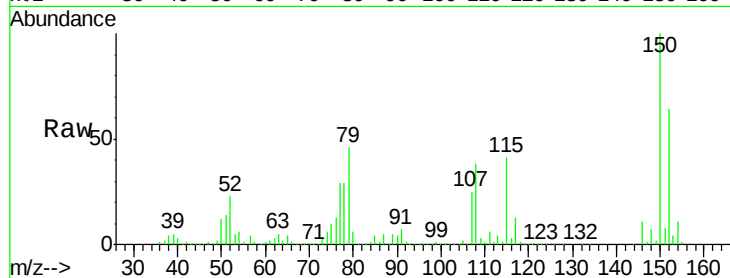
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 79 Resp: 754699

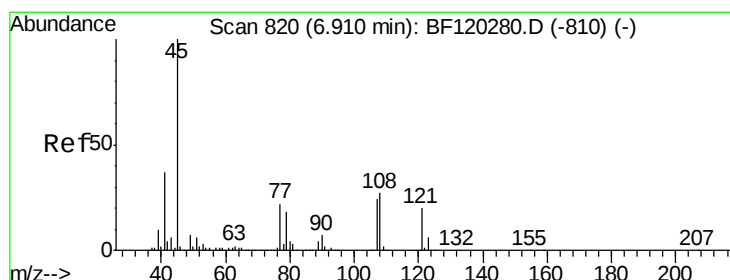
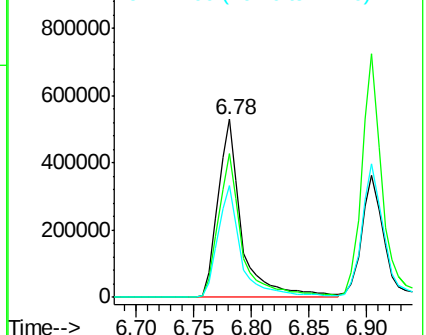
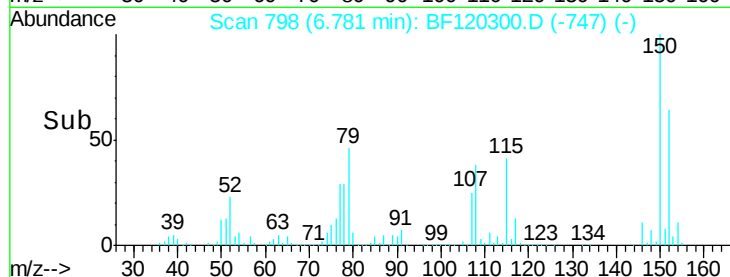
Ion	Ratio	Lower	Upper
79	100		
108	81.3	64.2	96.4
77	62.8	51.6	77.4



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.578 ng

RT: 6.91 min Scan# 820

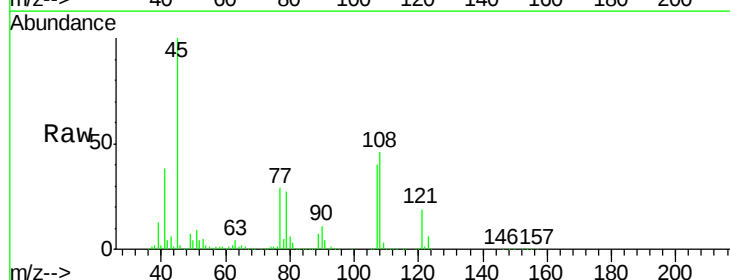
Delta R.T. 0.00 min

Lab File: BF120300.D

Acq: 14 May 2020 19:38

Tgt Ion: 45 Resp: 1468078

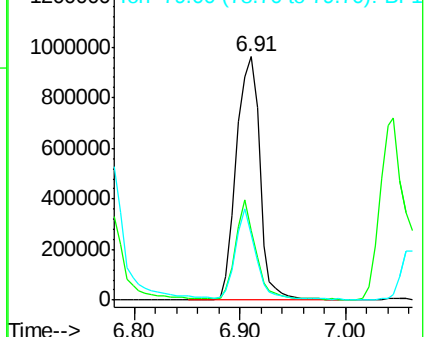
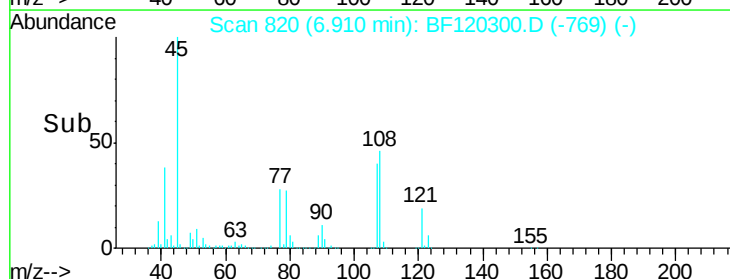
Ion	Ratio	Lower	Upper
45	100		
77	28.5	3.1	43.1
79	26.9	0.0	40.0

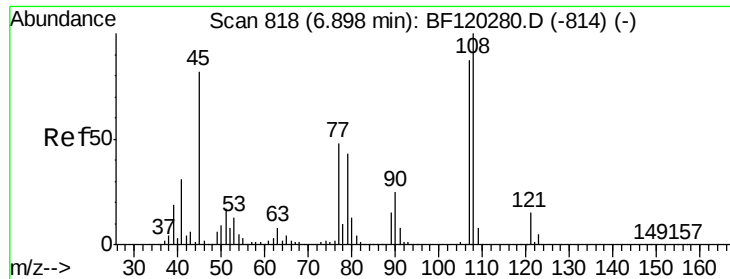


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

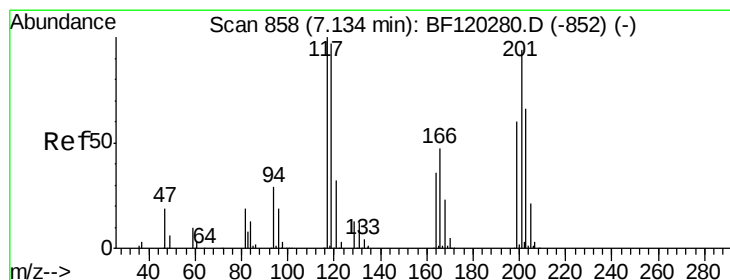
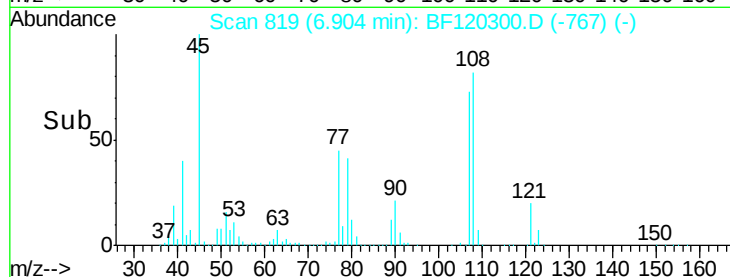
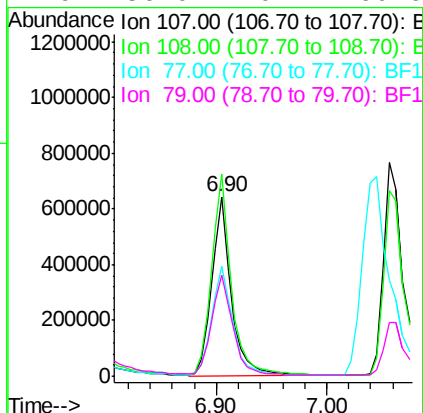
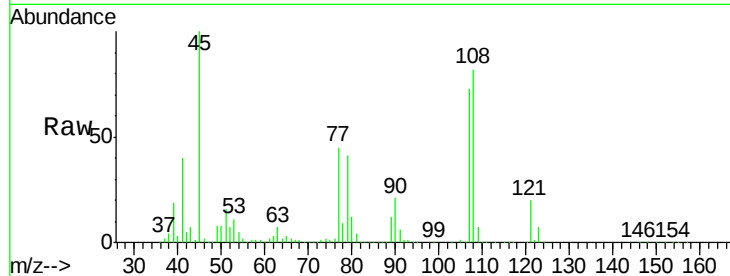




#17
2-Methylphenol
Concen: 38.472 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF120300.D
Acq: 14 May 2020 19:38

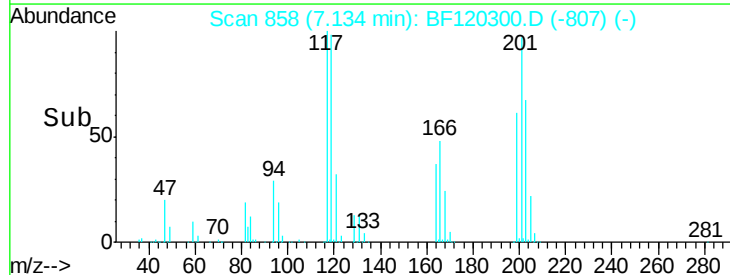
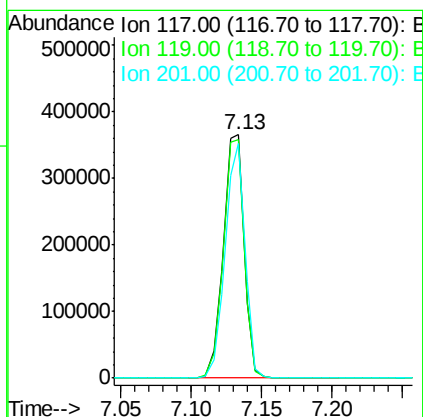
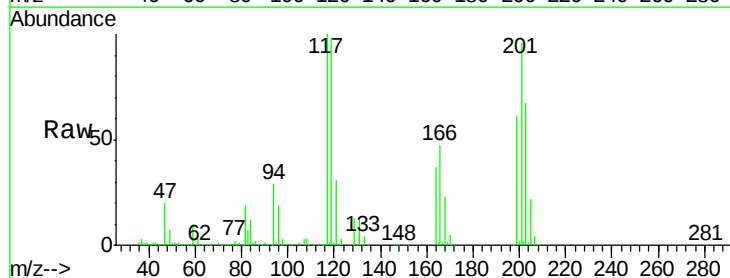
Instrument :
BNA_F
ClientSampled :

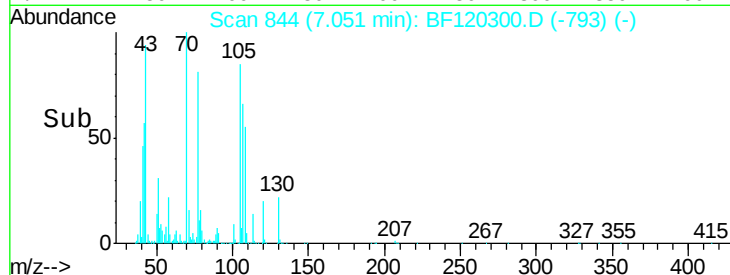
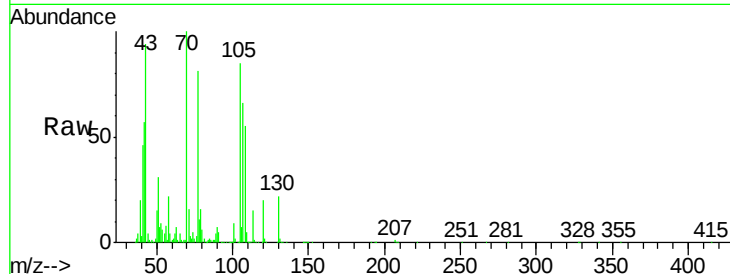
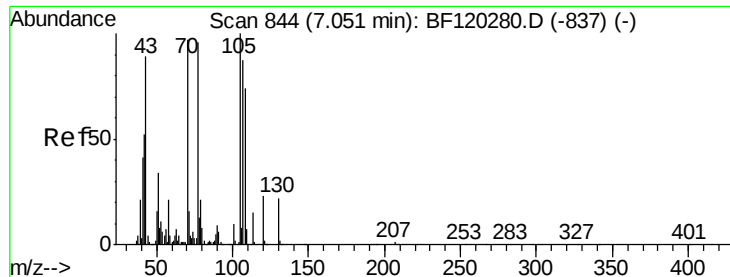
Tot Ion:107 Resp: 775449
Ion Ratio Lower Upper
107 100
108 112.2 92.4 138.6
77 61.2 44.5 66.7
79 56.0 40.4 60.6



#18
Hexachloroethane
Concen: 37.417 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF120300.D
Acq: 14 May 2020 19:38

Tgt Ion:117 Resp: 375084
Ion Ratio Lower Upper
117 100
119 97.8 77.4 116.0
201 96.4 74.9 112.3

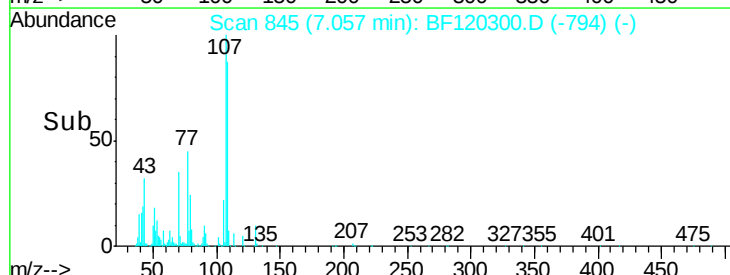
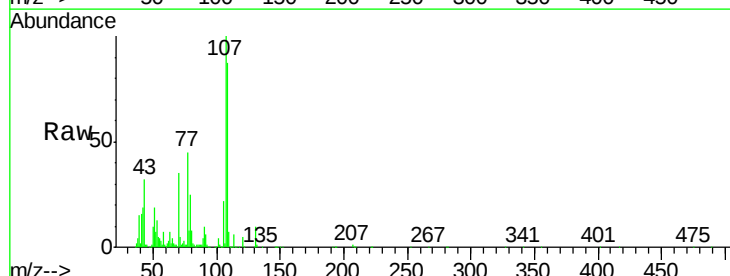
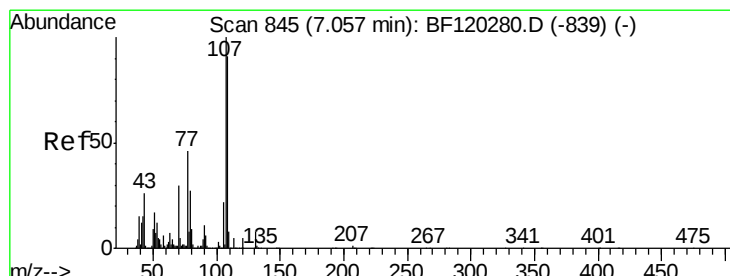
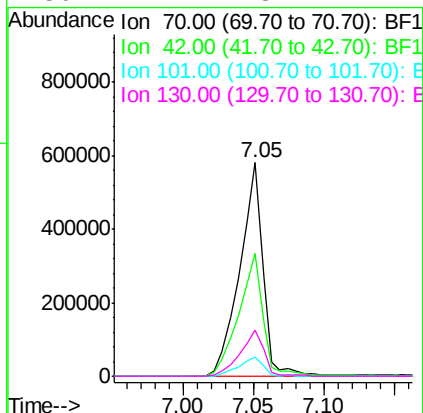




#19
n-Nitroso-di-n-propylamine
Concen: 39.549 ng
RT: 7.05 min Scan# 844
Delta R.T. 0.00 min
Lab File: BF120300.D
Acq: 14 May 2020 19:38

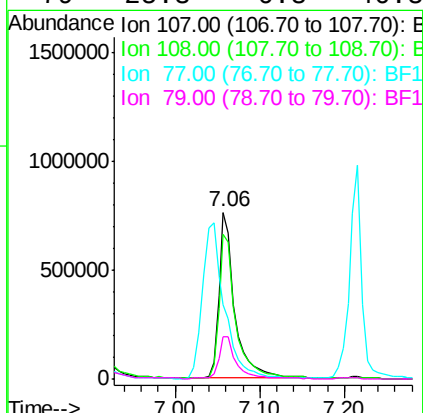
Instrument :
BNA_F
ClientSampleId :

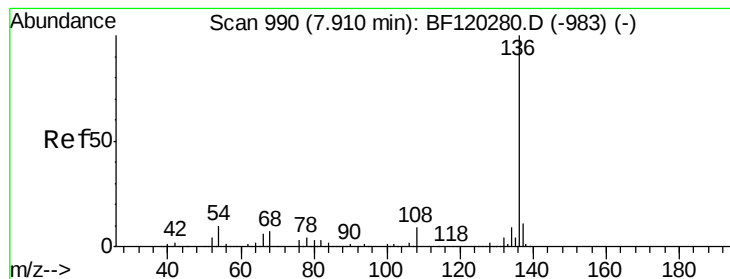
Tot Ion:	70	Resp:	670967
Ion	Ratio	Lower	Upper
70	100		
42	57.4	43.4	65.0
101	9.3	7.8	11.8
130	21.7	18.2	27.4



#20
3+4-Methylphenols
Concen: 38.841 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF120300.D
Acq: 14 May 2020 19:38

Tgt Ion:	107	Resp:	1017863
Ion	Ratio	Lower	Upper
107	100		
108	86.8	71.1	111.1
77	45.0	28.1	68.1
79	25.3	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: BF120300.D

Acq: 14 May 2020 19:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1574115

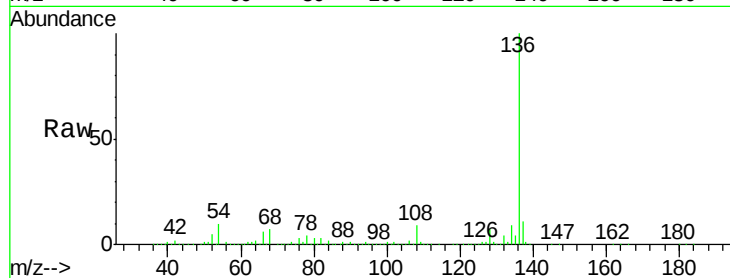
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 10.2 7.9 11.9

68 6.6 5.4 8.2

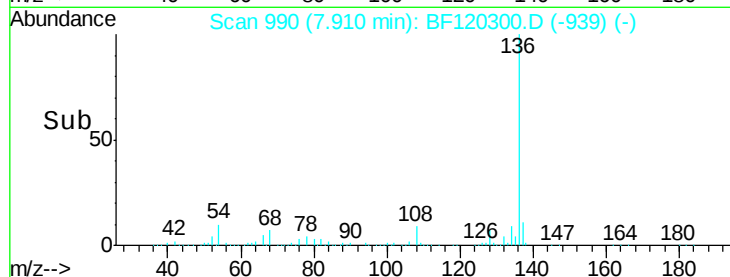


Abundance Ion 136.00 (135.70 to 136.70): E

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



Abundance

Ion 136.00 (135.70 to 136.70): E

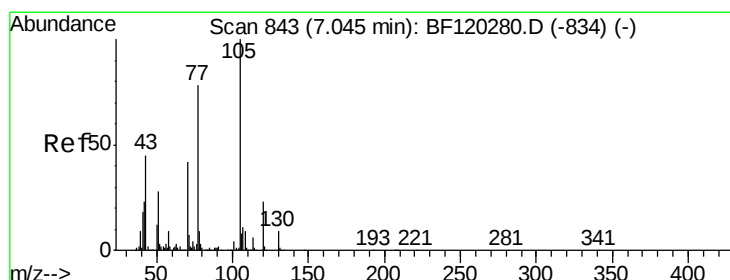
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

Time-->

7.80 7.90 8.00 8.10



#22

Acetophenone

Concen: 41.614 ng

RT: 7.05 min Scan# 843

Delta R.T. 0.00 min

Lab File: BF120300.D

Acq: 14 May 2020 19:38

Tgt Ion:105 Resp: 1341958

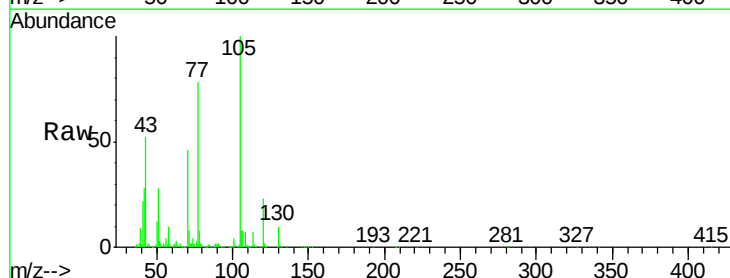
Ion Ratio Lower Upper

105 100

71 8.1 5.6 8.4

51 28.2 22.6 34.0

120 23.3 18.7 28.1

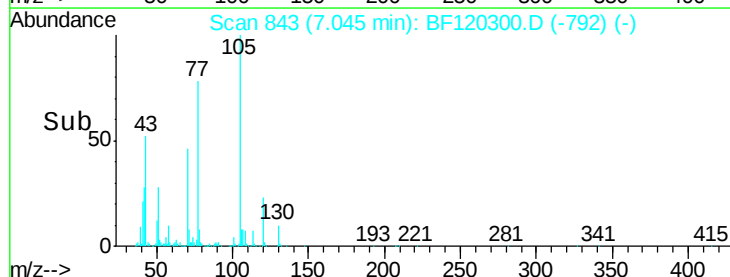


Abundance Ion 105.00 (104.70 to 105.70): E

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



Abundance

Ion 105.00 (104.70 to 105.70): E

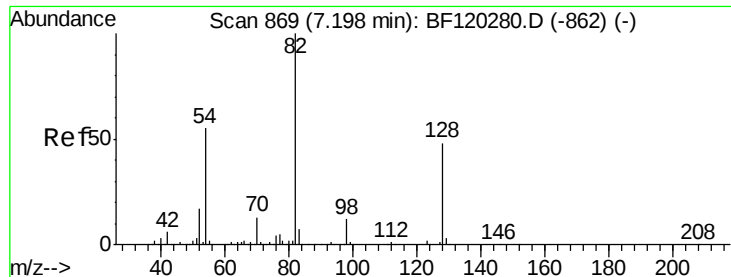
Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

Time-->

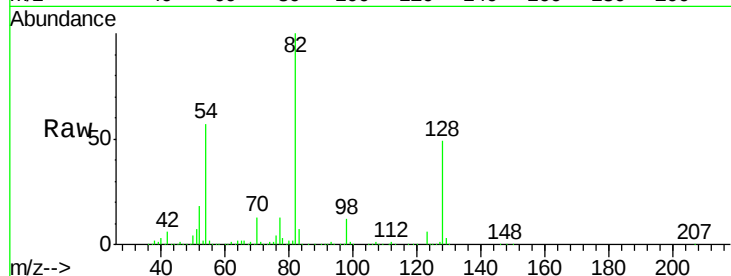
6.90 7.00 7.10 7.20 7.30



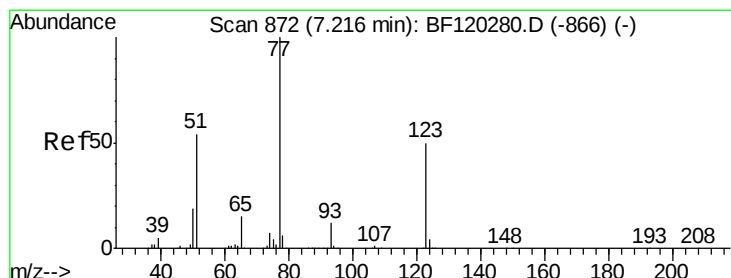
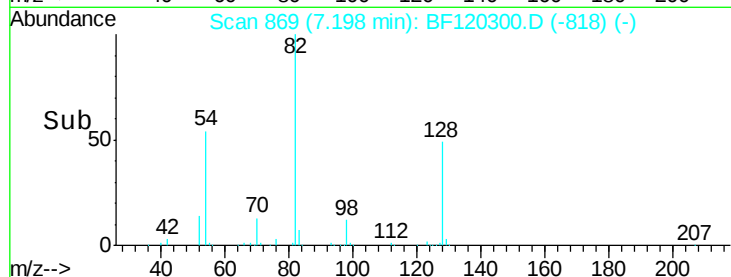
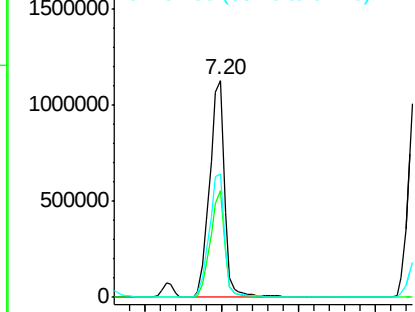
#23
Nitrobenzene-d5
Concen: 65.364 ng
RT: 7.20 min Scan# 869
Delta R.T. 0.00 min
Lab File: BF120300.D
Acq: 14 May 2020 19:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1502795
Ion Ratio Lower Upper
82 100
128 49.4 38.3 57.5
54 56.8 43.9 65.9

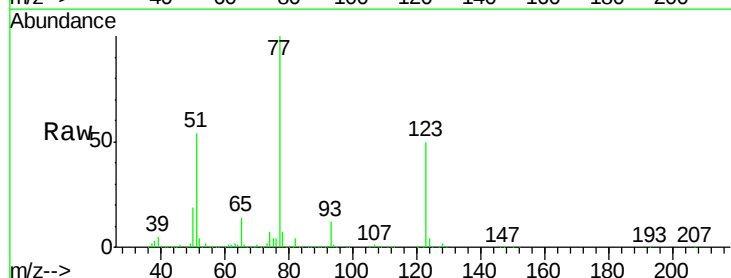


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

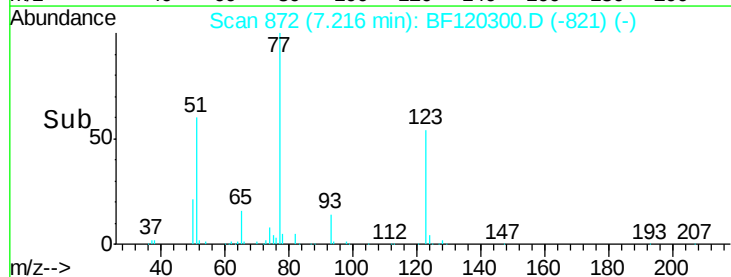
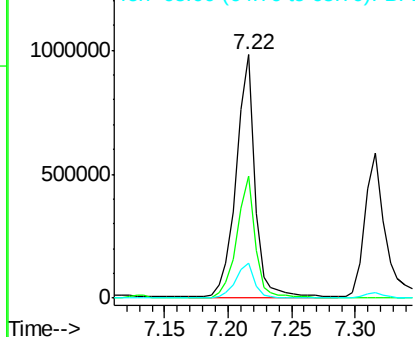


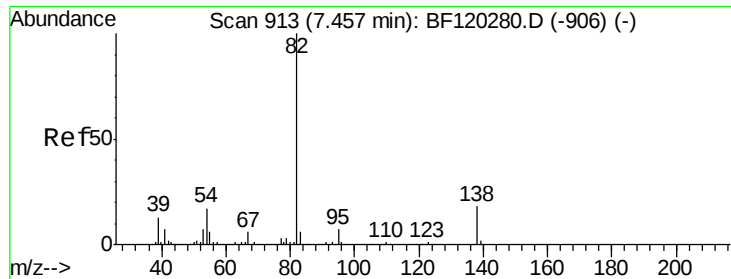
#24
Nitrobenzene
Concen: 40.674 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF120300.D
Acq: 14 May 2020 19:38

Tgt Ion: 77 Resp: 1006407
Ion Ratio Lower Upper
77 100
123 50.0 40.0 60.0
65 14.4 11.7 17.5



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





#25

Isophorone

Concen: 40.081 ng

RT: 7.46 min Scan# 913

Delta R.T. 0.00 min

Lab File: BF120300.D

Acq: 14 May 2020 19:38

Instrument :

BNA_F

ClientSampleId :

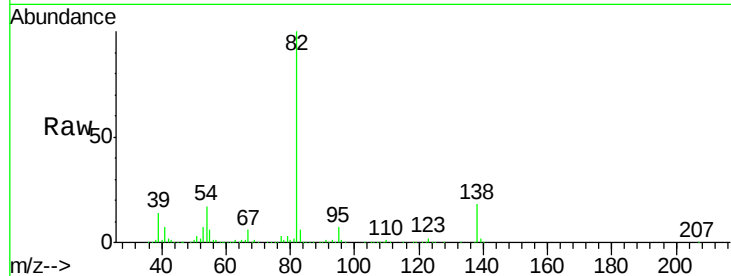
Tot Ion: 82 Resp: 1917376

Ion Ratio Lower Upper

82 100

95 6.5 5.4 8.0

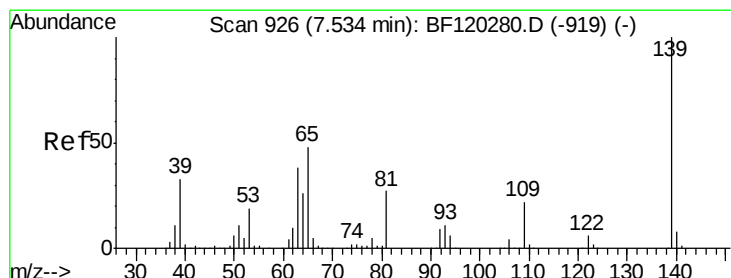
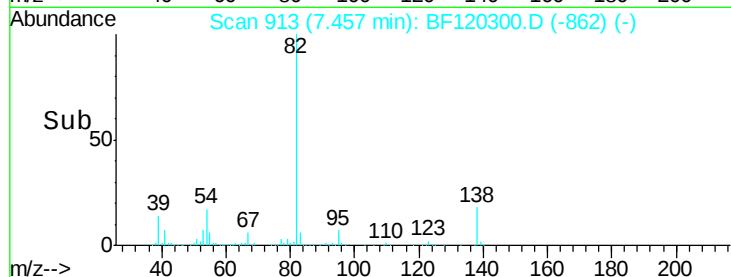
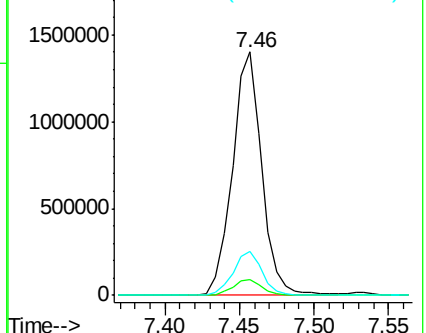
138 18.3 14.7 22.1



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 42.529 ng

RT: 7.53 min Scan# 926

Delta R.T. 0.00 min

Lab File: BF120300.D

Acq: 14 May 2020 19:38

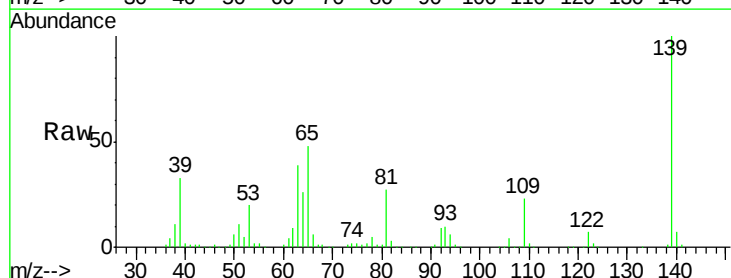
Tgt Ion: 139 Resp: 550350

Ion Ratio Lower Upper

139 100

109 23.0 17.7 26.5

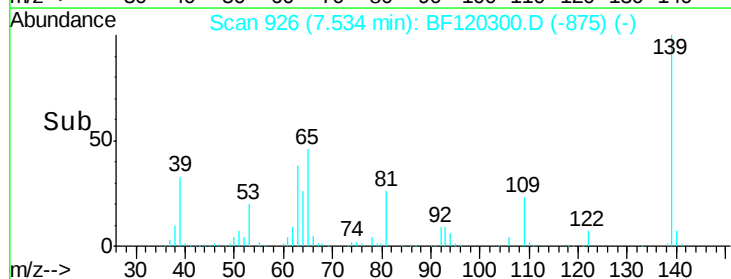
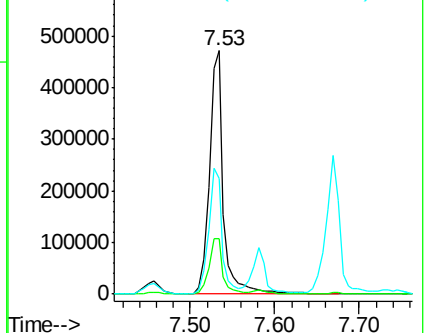
65 47.7 38.3 57.5

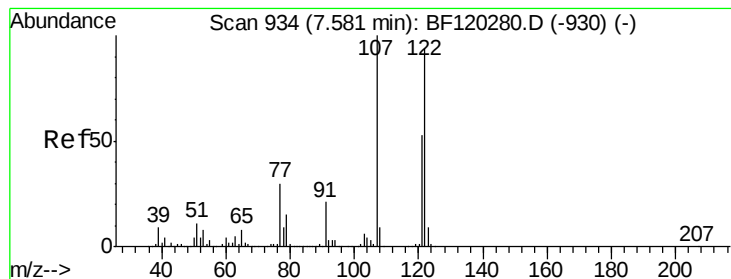


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 44.699 ng

RT: 7.58 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF120300.D

Acq: 14 May 2020 19:38

Instrument :

BNA_F

ClientSampled :

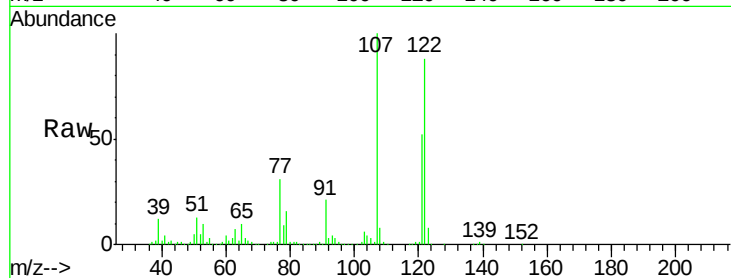
Tot Ion:122 Resp: 841444

Ion Ratio Lower Upper

122 100

107 113.1 85.0 127.6

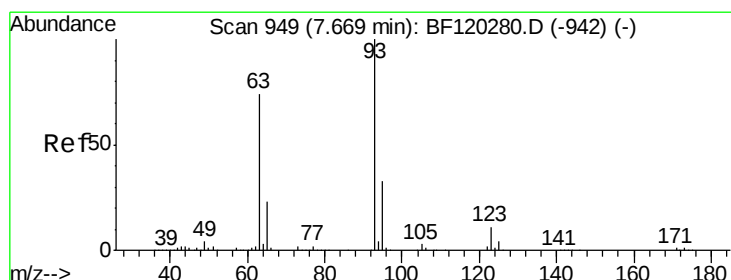
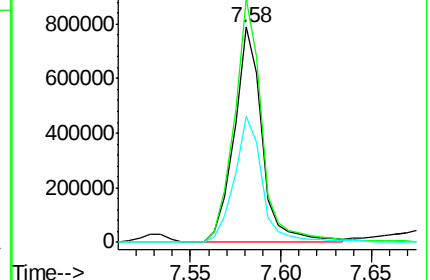
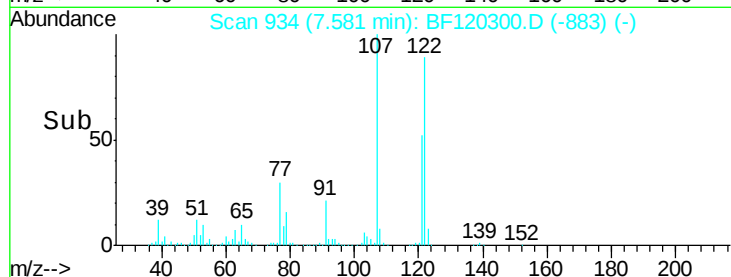
121 58.7 45.1 67.7



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: 41.428 ng

RT: 7.67 min Scan# 949

Delta R.T. 0.00 min

Lab File: BF120300.D

Acq: 14 May 2020 19:38

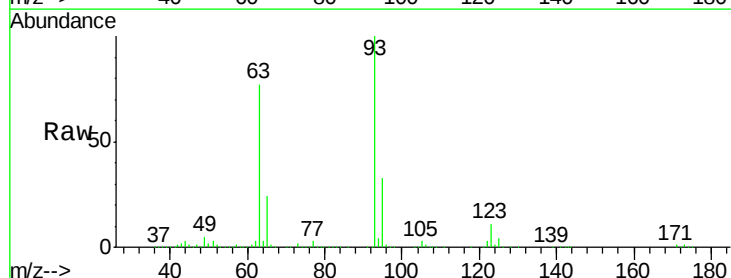
Tgt Ion: 93 Resp: 1245659

Ion Ratio Lower Upper

93 100

95 33.1 26.8 40.2

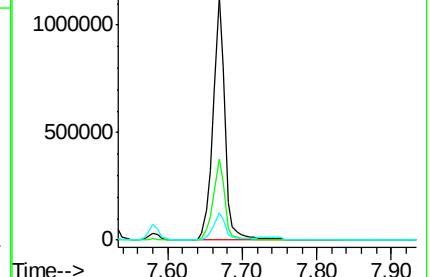
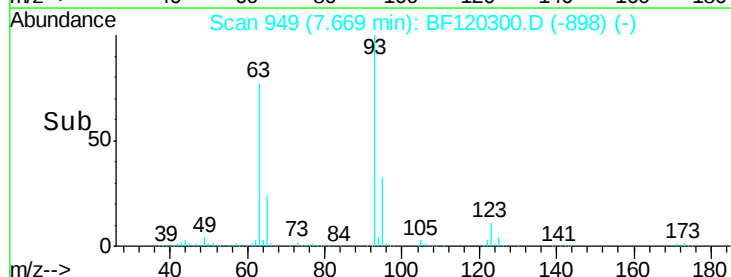
123 11.3 9.2 13.8

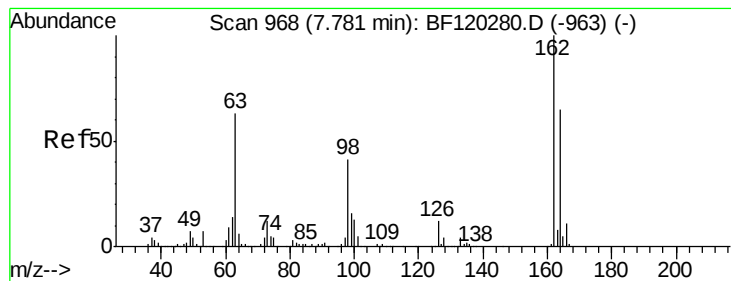


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 41.283 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF120300.D

Acq: 14 May 2020 19:38

Instrument :

BNA_F

ClientSampled :

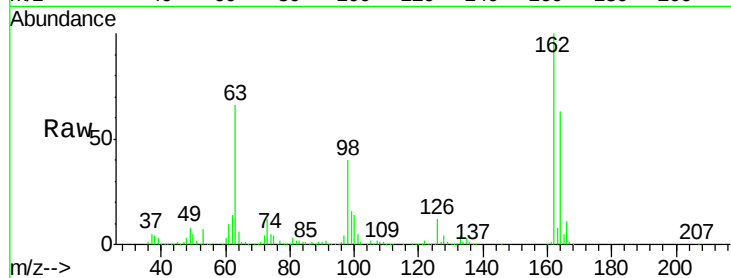
Tot Ion:162 Resp: 798149

Ion Ratio Lower Upper

162 100

164 63.3 44.9 84.9

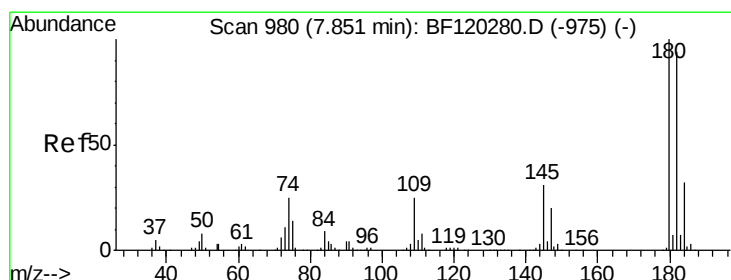
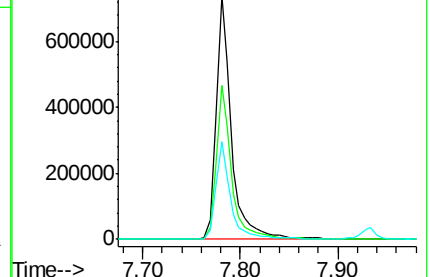
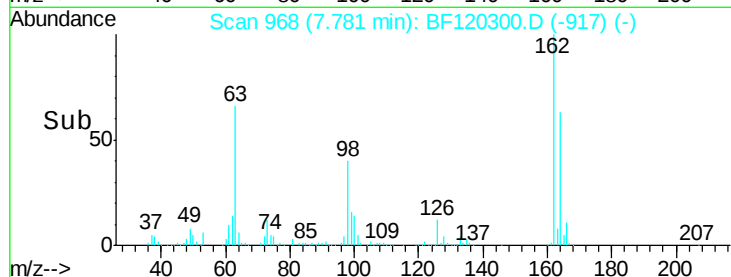
98 40.2 20.7 60.7



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: 39.637 ng

RT: 7.85 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF120300.D

Acq: 14 May 2020 19:38

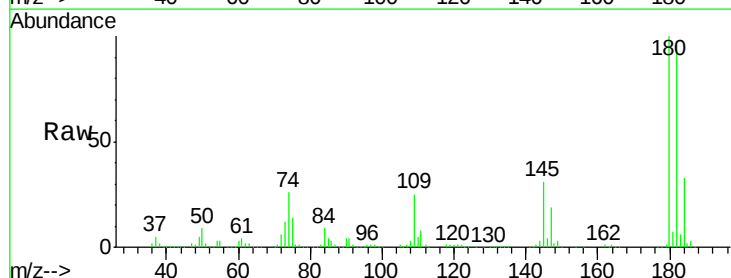
Tgt Ion:180 Resp: 849214

Ion Ratio Lower Upper

180 100

182 96.1 75.3 112.9

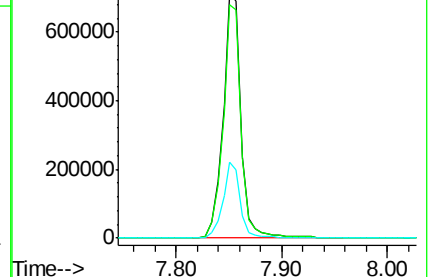
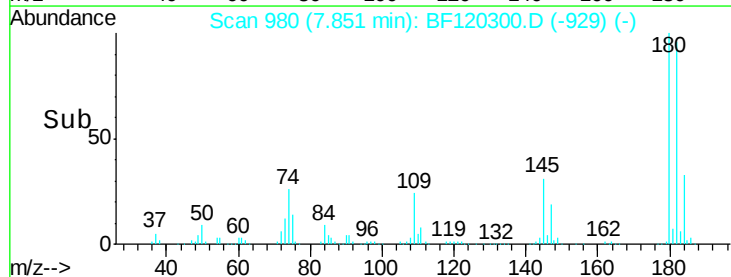
145 31.1 24.9 37.3

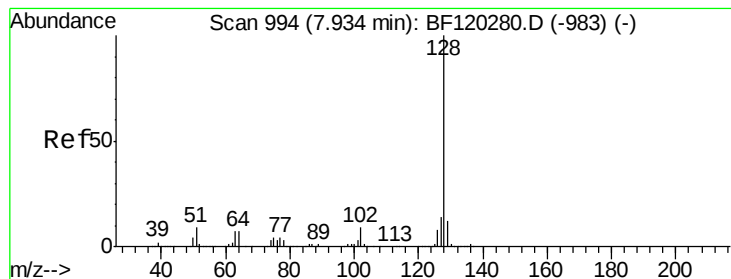


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.626 ng

RT: 7.93 min Scan# 994

Delta R.T. 0.00 min

Lab File: BF120300.D

Acq: 14 May 2020 19:38

Instrument :

BNA_F

ClientSampleId :

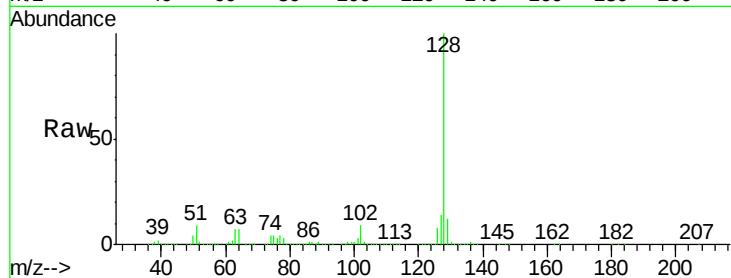
Tot Ion:128 Resp: 2765405

Ion Ratio Lower Upper

128 100

129 11.7 9.3 13.9

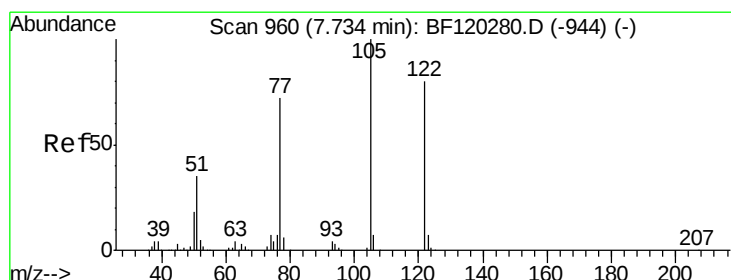
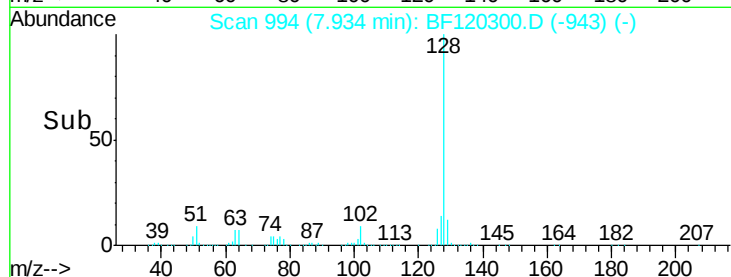
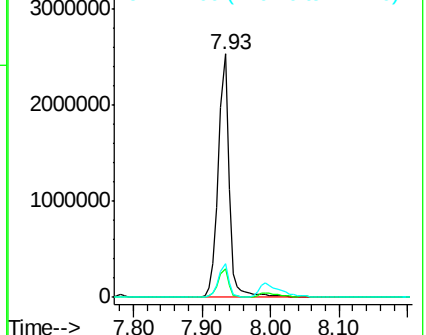
127 13.8 11.2 16.8



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: 48.030 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.01 min

Lab File: BF120300.D

Acq: 14 May 2020 19:38

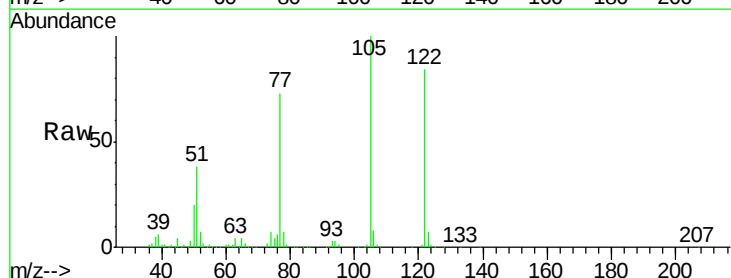
Tgt Ion:122 Resp: 592637

Ion Ratio Lower Upper

122 100

105 119.4 98.1 138.1

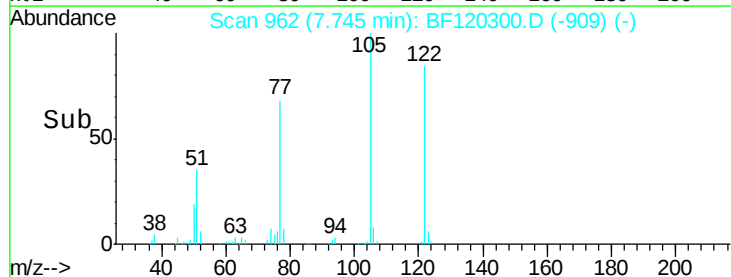
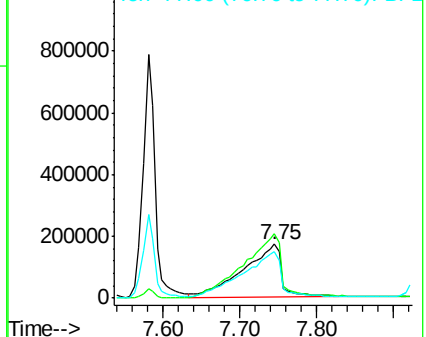
77 86.5 66.7 106.7

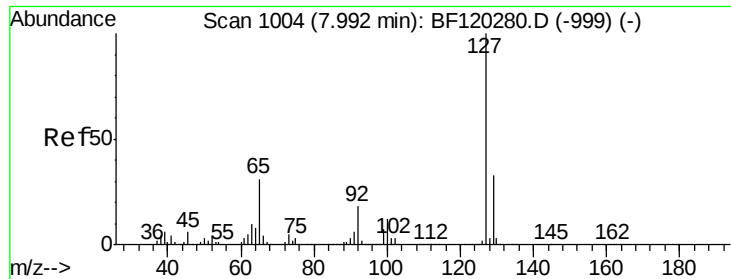


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

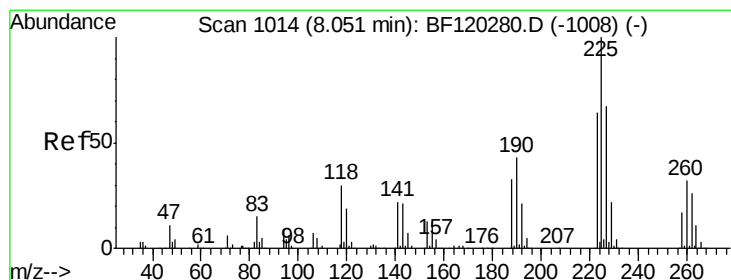
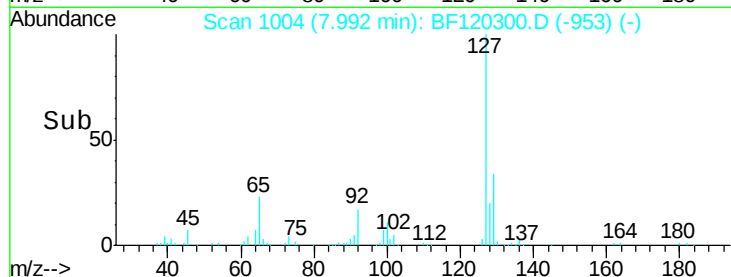
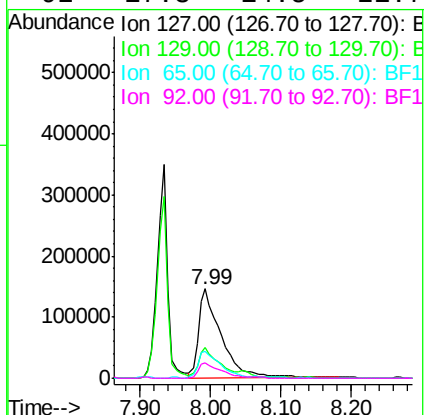
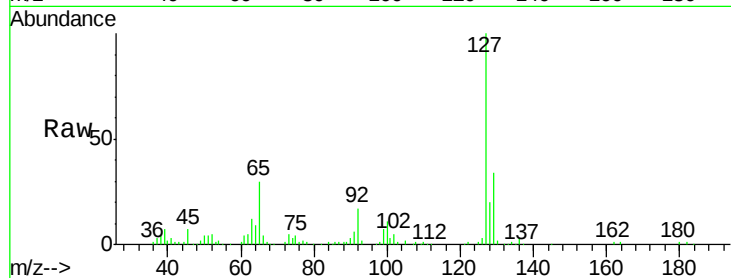




#33
4-Chloroaniline
Concen: 10.833 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF120300.D
Acq: 14 May 2020 19:38

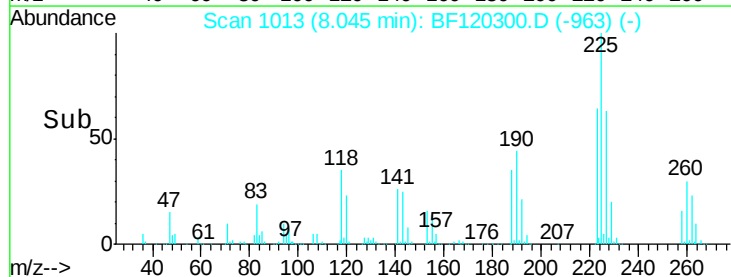
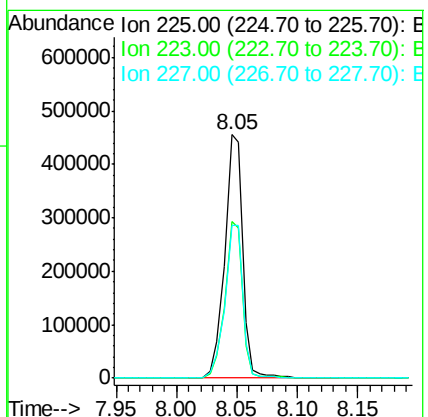
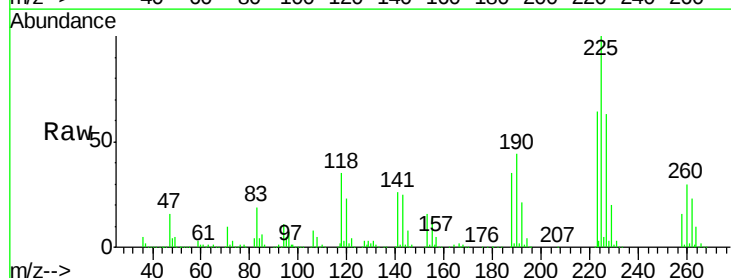
Instrument :
BNA_F
ClientSampled :

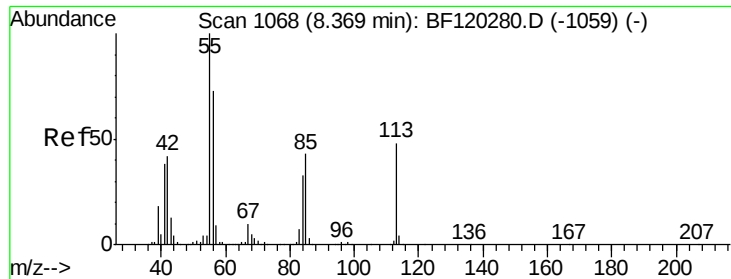
Tot Ion:	127	Resp:	327985
Ion	Ratio	Lower	Upper
127	100		
129	33.8	26.4	39.6
65	30.4	24.8	37.2
92	17.3	14.5	21.7



#34
Hexachlorobutadiene
Concen: 38.054 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF120300.D
Acq: 14 May 2020 19:38

Tgt Ion:	225	Resp:	471235
Ion	Ratio	Lower	Upper
225	100		
223	64.4	51.4	77.0
227	62.7	54.0	81.0





#35

Caprolactam

Concen: 24.990 ng

RT: 8.37 min Scan# 1069

Delta R.T. 0.01 min

Lab File: BF120300.D

Acq: 14 May 2020 19:38

Instrument :

BNA_F

ClientSampleId :

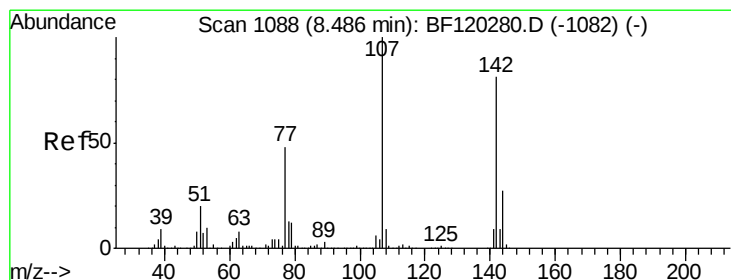
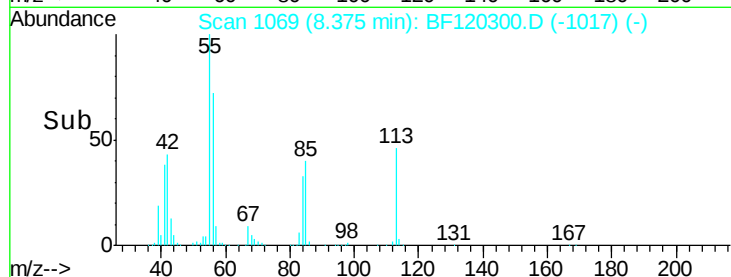
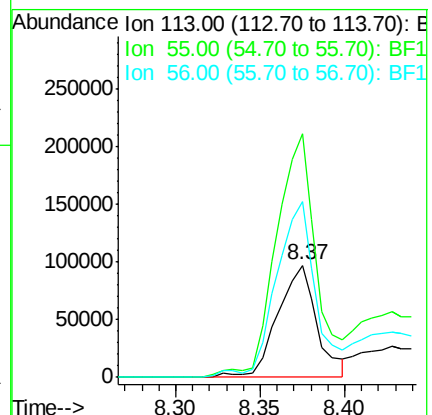
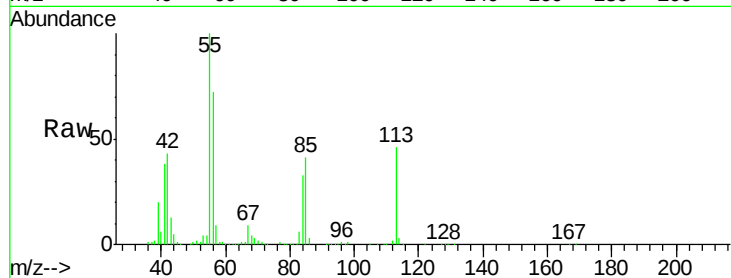
Tot Ion:113 Resp: 158065

Ion Ratio Lower Upper

113 100

55 216.9 190.4 230.4

56 156.2 132.7 172.7



#36

4-Chloro-3-methylphenol

Concen: 40.830 ng

RT: 8.49 min Scan# 1089

Delta R.T. 0.01 min

Lab File: BF120300.D

Acq: 14 May 2020 19:38

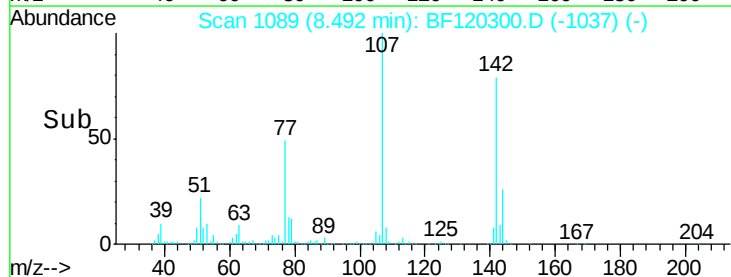
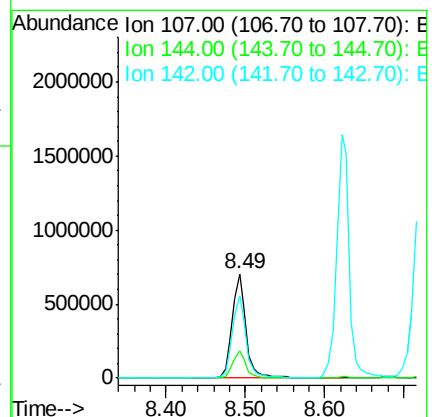
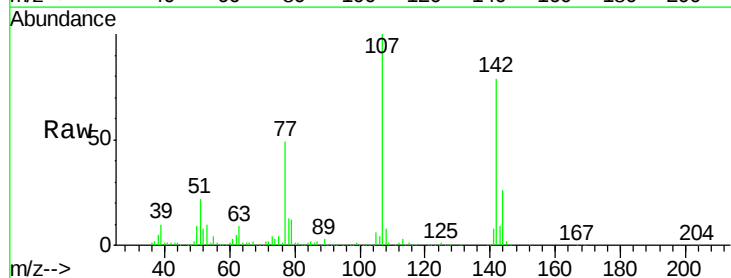
Tgt Ion:107 Resp: 853947

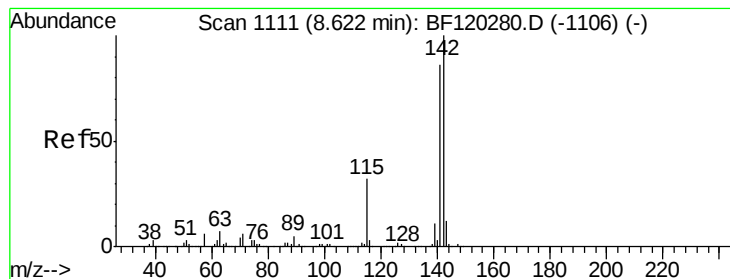
Ion Ratio Lower Upper

107 100

144 26.1 21.4 32.2

142 78.6 65.1 97.7





#37

2-Methylnaphthalene

Concen: 40.392 ng

RT: 8.62 min Scan# 1111

Delta R.T. 0.00 min

Lab File: BF120300.D

Acq: 14 May 2020 19:38

Instrument :

BNA_F

ClientSampleId :

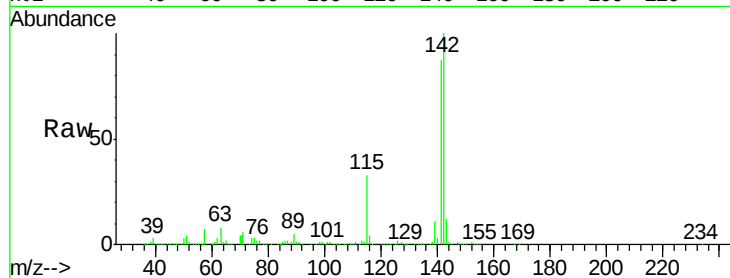
Tot Ion:142 Resp: 1836326

Ion Ratio Lower Upper

142 100

141 87.1 68.8 103.2

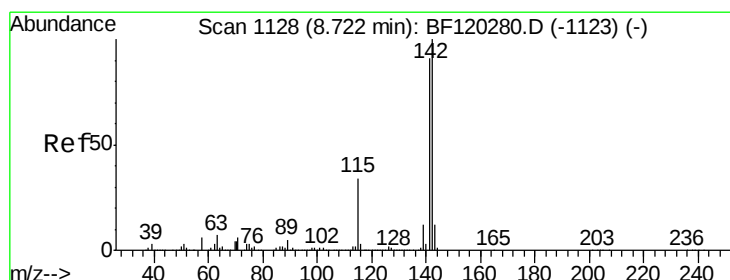
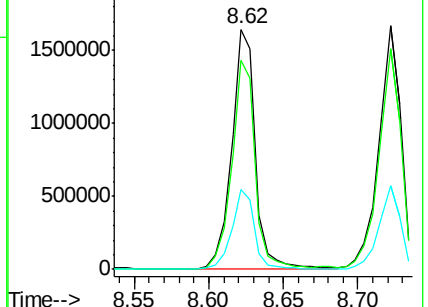
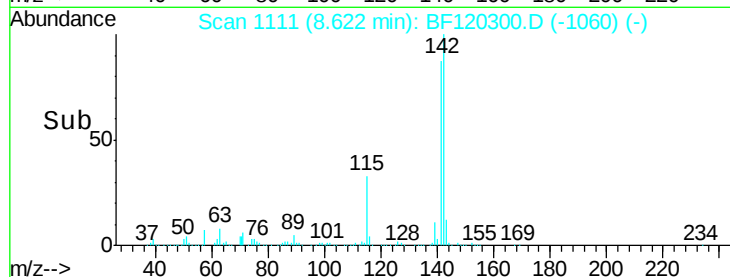
115 33.2 25.7 38.5



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: 40.140 ng

RT: 8.72 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF120300.D

Acq: 14 May 2020 19:38

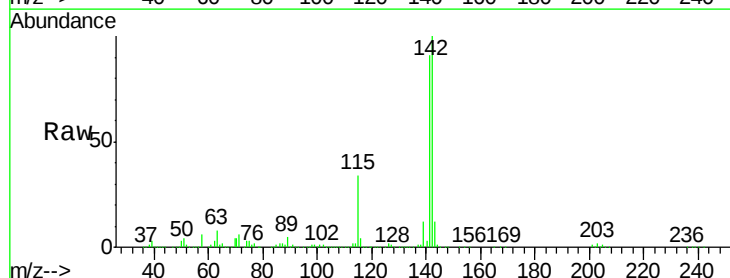
Tgt Ion:142 Resp: 1769936

Ion Ratio Lower Upper

142 100

141 90.9 73.0 109.6

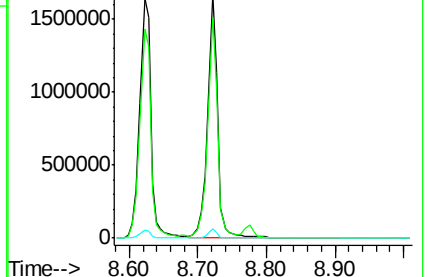
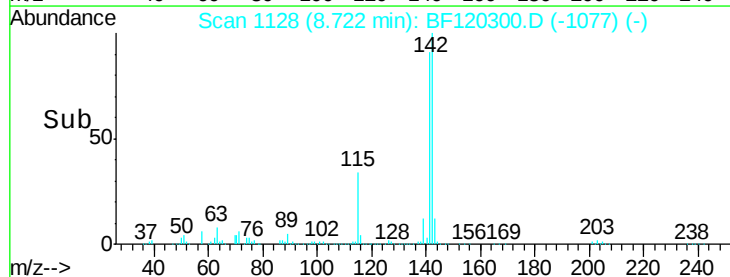
116 3.6 2.7 4.1

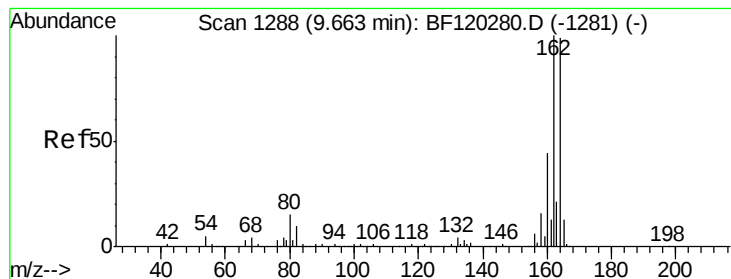


Abundance Ion 142.00 (141.70 to 142.70): E

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: BF120300.D

Acq: 14 May 2020 19:38

Instrument :

BNA_F

ClientSampleId :

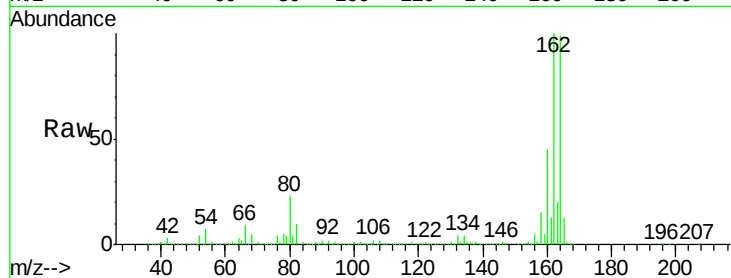
Tot Ion:164 Resp: 793989

Ion Ratio Lower Upper

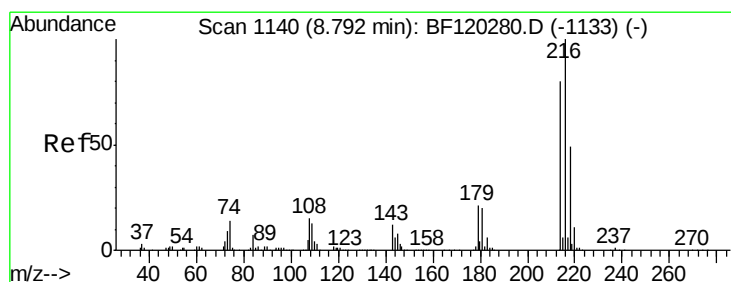
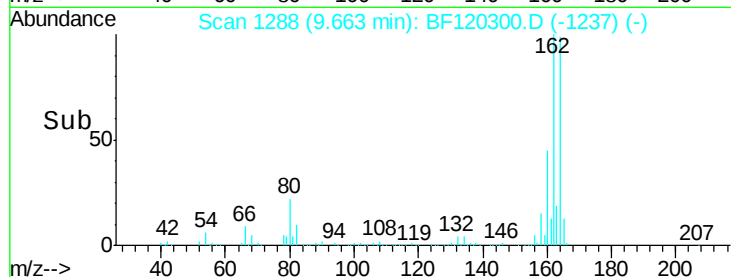
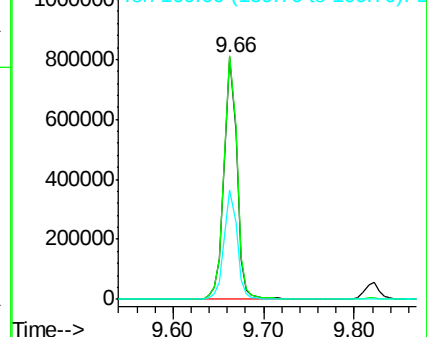
164 100

162 100.5 81.2 121.8

160 45.1 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: 40.486 ng

RT: 8.79 min Scan# 1140

Delta R.T. 0.00 min

Lab File: BF120300.D

Acq: 14 May 2020 19:38

Tgt Ion:216 Resp: 810570

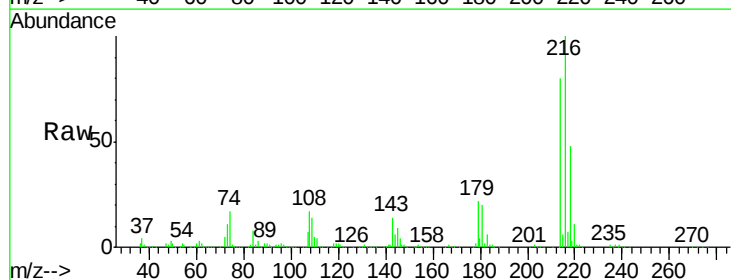
Ion Ratio Lower Upper

216 100

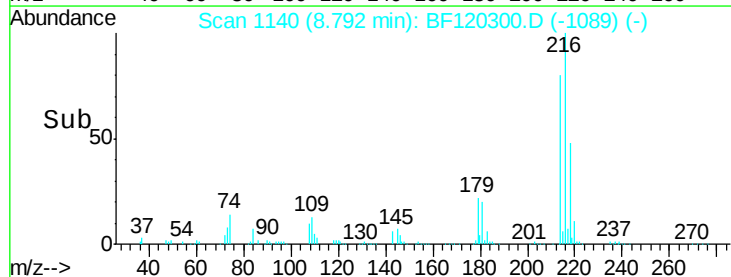
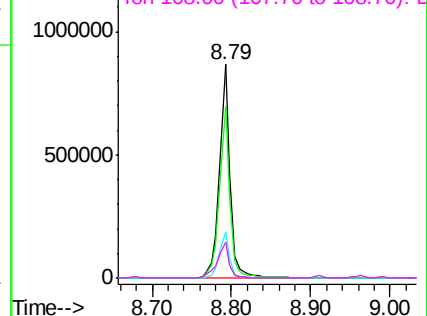
214 80.1 64.0 96.0

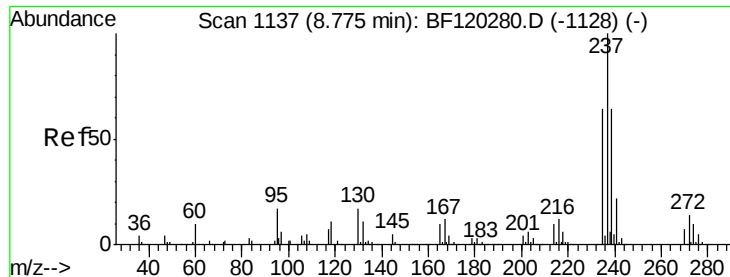
179 21.3 16.9 25.3

108 18.9 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: 74.316 ng

RT: 8.77 min Scan# 1137

Delta R.T. 0.00 min

Lab File: BF120300.D

Acq: 14 May 2020 19:38

Instrument :

BNA_F

ClientSampleId :

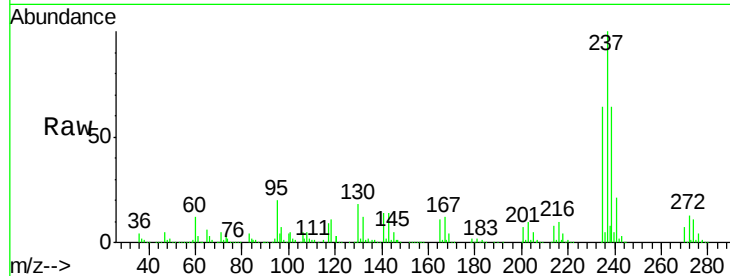
Tot Ion:237 Resp: 609514

Ion Ratio Lower Upper

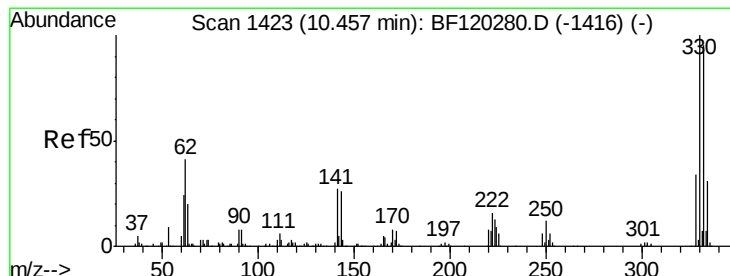
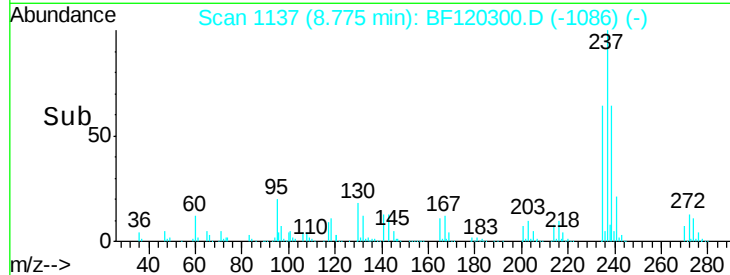
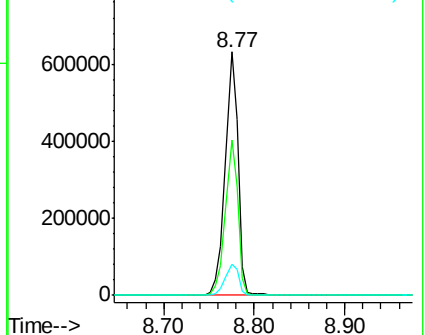
237 100

235 63.7 43.8 83.8

272 12.9 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: 89.035 ng

RT: 10.46 min Scan# 1423

Delta R.T. 0.00 min

Lab File: BF120300.D

Acq: 14 May 2020 19:38

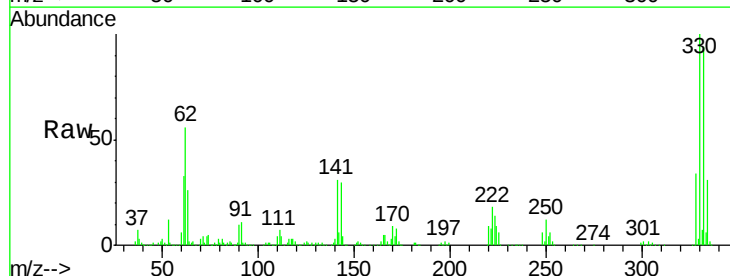
Tgt Ion:330 Resp: 576390

Ion Ratio Lower Upper

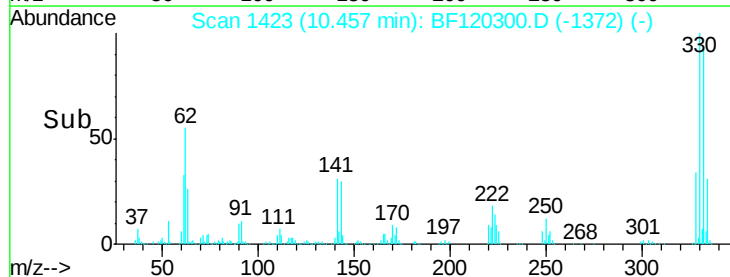
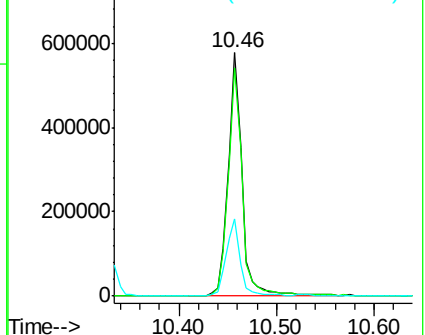
330 100

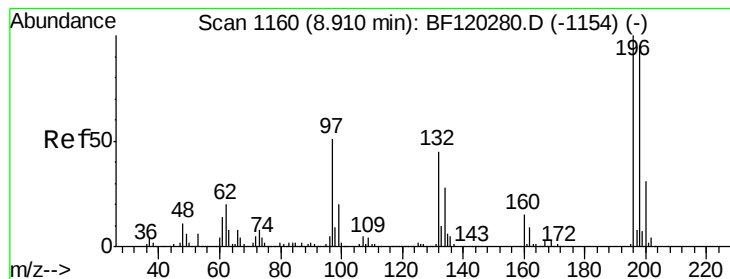
332 95.7 76.5 114.7

141 31.6 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: 40.747 ng

RT: 8.91 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BF120300.D

Acq: 14 May 2020 19:38

Instrument :

BNA_F

ClientSampleId :

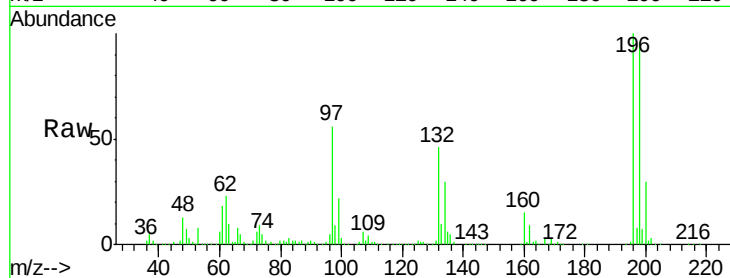
Tot Ion:196 Resp: 547597

Ion Ratio Lower Upper

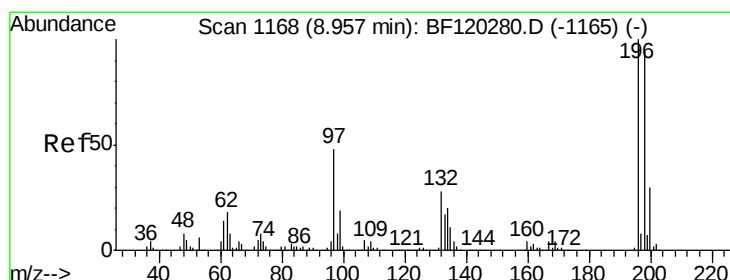
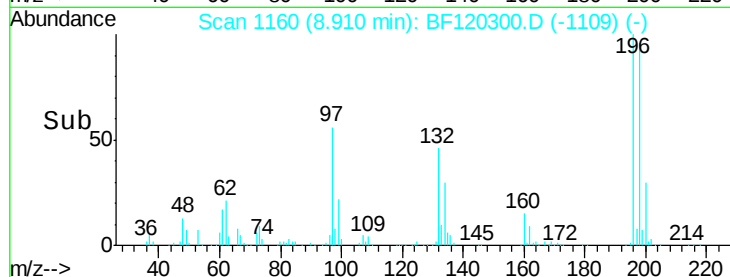
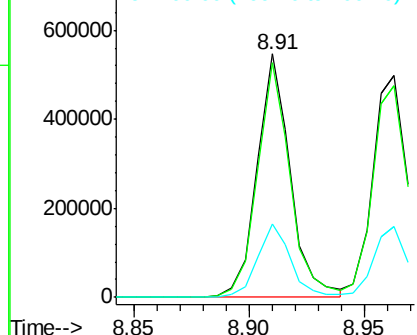
196 100

198 96.3 76.2 114.4

200 30.0 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: 38.404 ng

RT: 8.96 min Scan# 1169

Delta R.T. 0.01 min

Lab File: BF120300.D

Acq: 14 May 2020 19:38

Tgt Ion:196 Resp: 592711

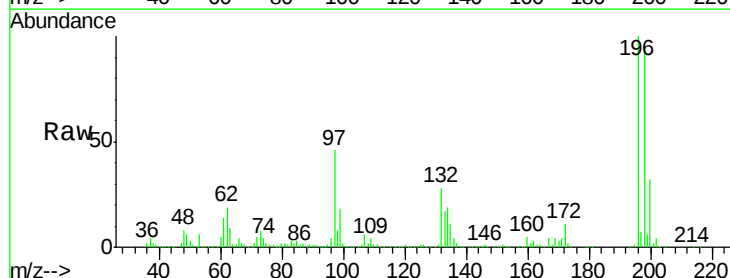
Ion Ratio Lower Upper

196 100

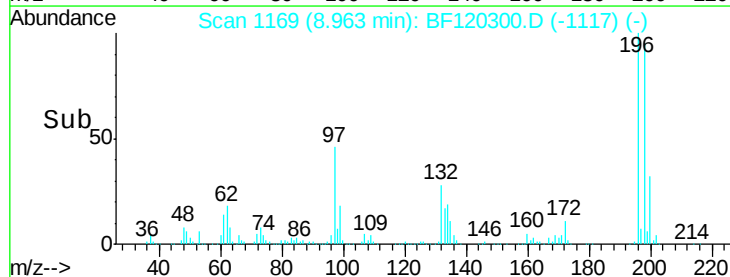
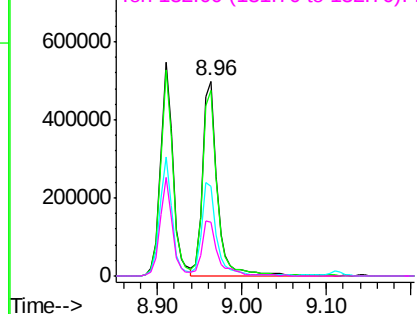
198 95.4 76.2 114.4

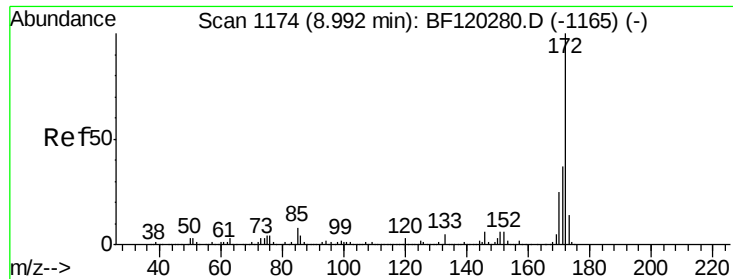
97 45.7 38.6 57.8

132 27.8 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



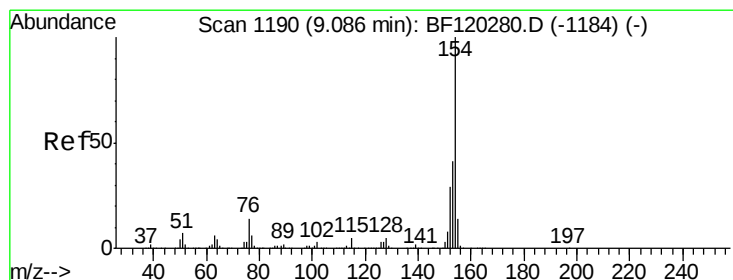
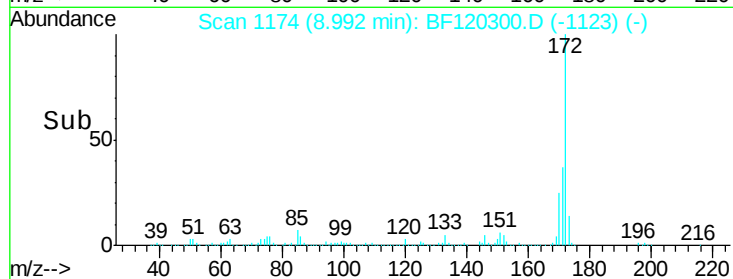
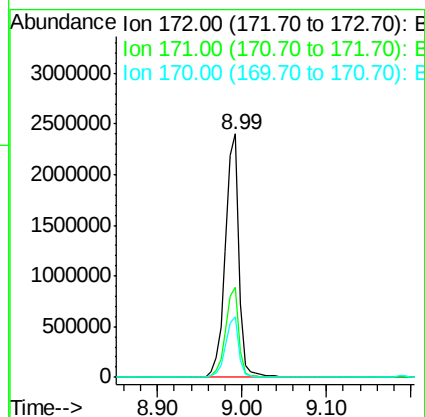
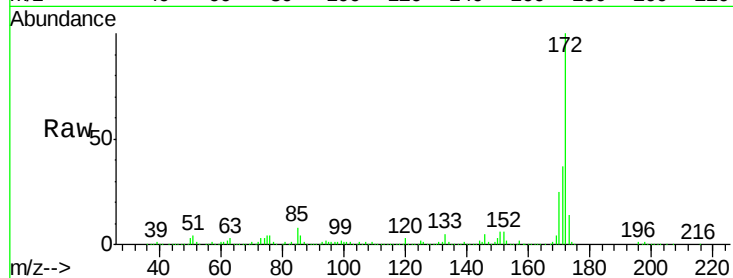


#45
 2-Fluorobiphenyl
 Concen: 69.868 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF120300.D
 Acq: 14 May 2020 19:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 2700169

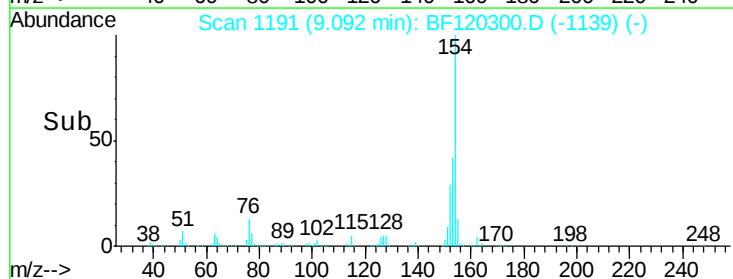
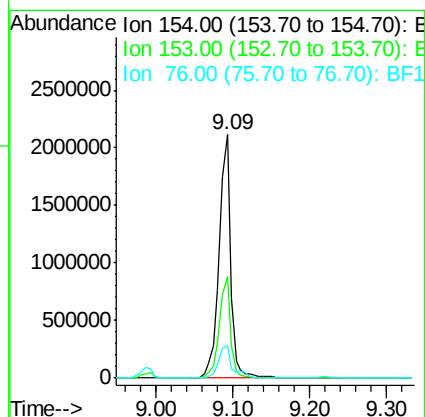
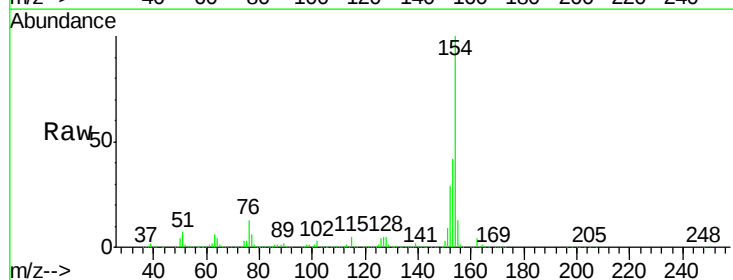
Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.7	44.5
170	24.8	19.9	29.9

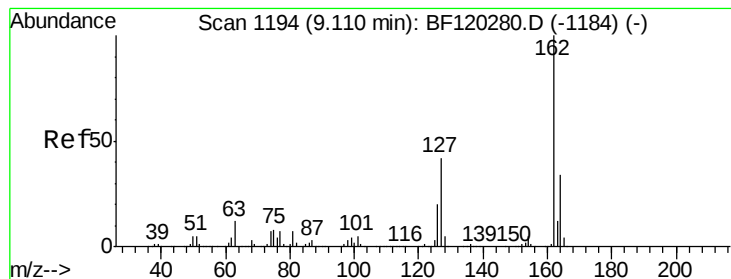


#46
 1,1'-Biphenyl
 Concen: 42.001 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: BF120300.D
 Acq: 14 May 2020 19:38

Tgt Ion:154 Resp: 2185016

Ion	Ratio	Lower	Upper
154	100		
153	41.5	20.8	60.8
76	13.3	0.0	34.3

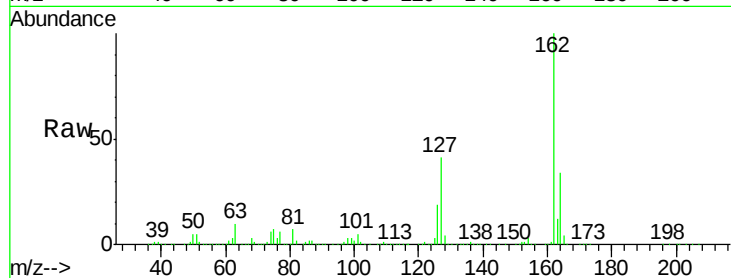




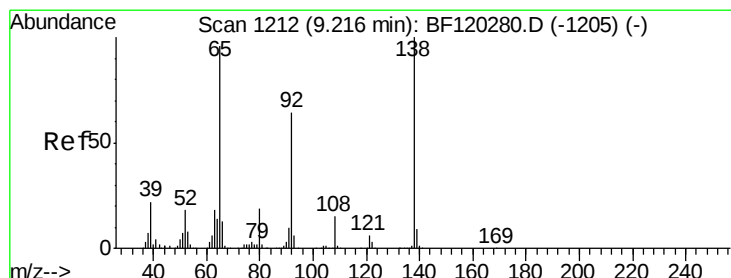
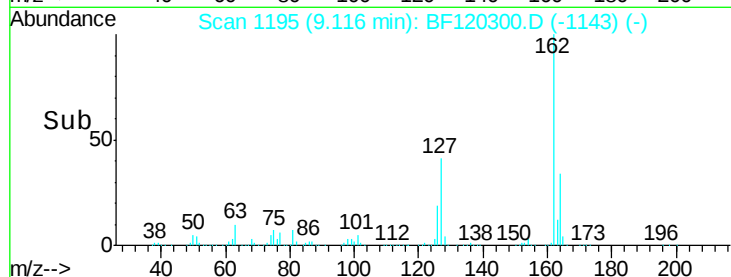
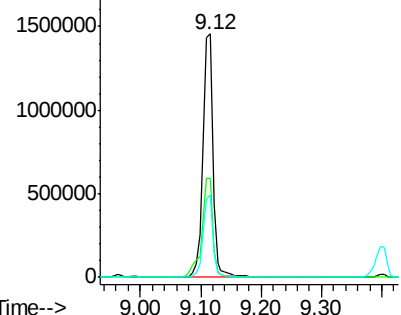
#47
 2-Chloronaphthalene
 Concen: 39.832 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: BF120300.D
 Acq: 14 May 2020 19:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 1662188
 Ion Ratio Lower Upper
 162 100
 127 40.6 33.4 50.0
 164 33.9 27.0 40.6

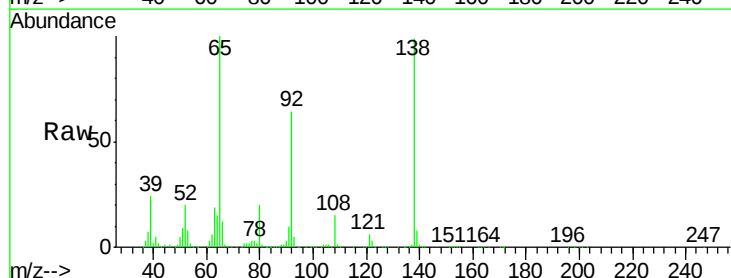


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

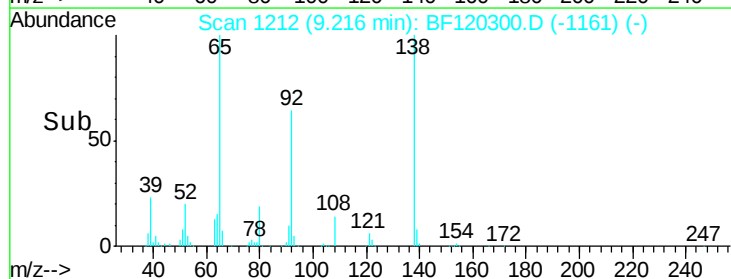
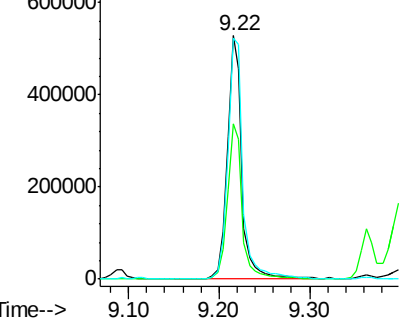


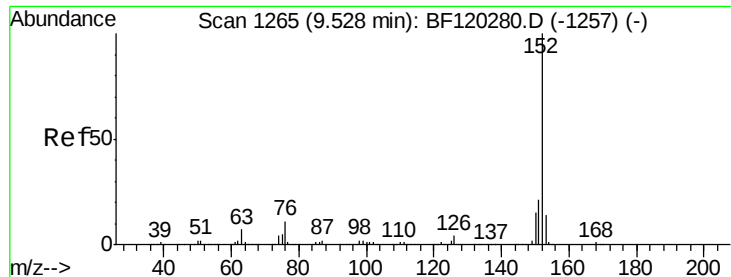
#48
 2-Nitroaniline
 Concen: 39.109 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF120300.D
 Acq: 14 May 2020 19:38

Tgt Ion: 65 Resp: 595470
 Ion Ratio Lower Upper
 65 100
 92 64.0 52.9 79.3
 138 98.9 83.0 124.4



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





#49

Acenaphthylene

Concen: 40.282 ng

RT: 9.53 min Scan# 1265

Delta R.T. 0.00 min

Lab File: BF120300.D

Acq: 14 May 2020 19:38

Instrument :

BNA_F

ClientSampleId :

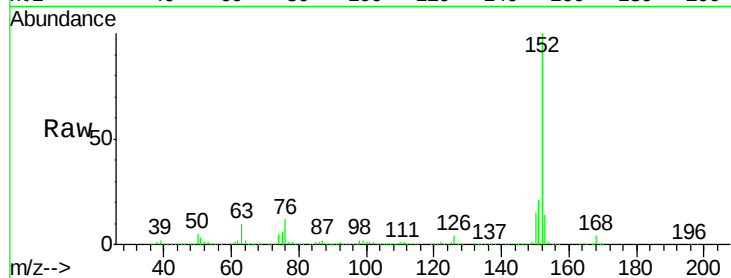
Tot Ion:152 Resp: 2567766

Ion Ratio Lower Upper

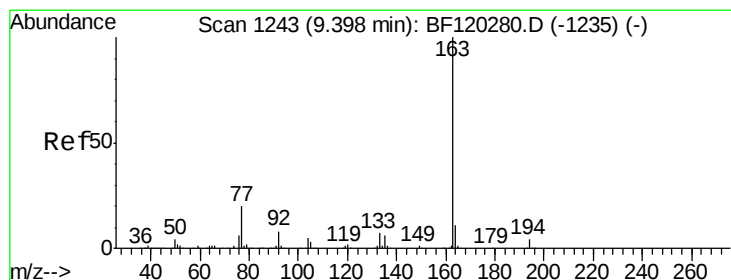
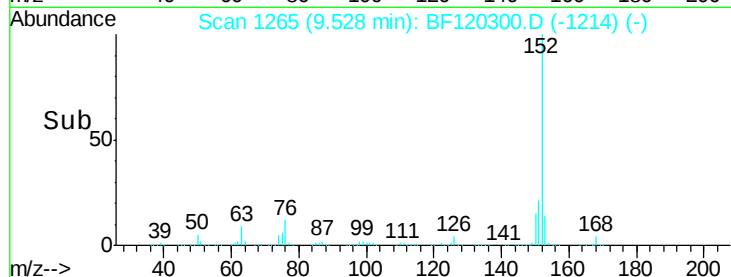
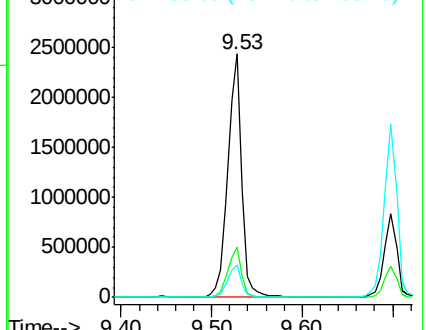
152 100

151 20.7 16.6 25.0

153 13.5 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: 47.150 ng

RT: 9.40 min Scan# 1244

Delta R.T. 0.01 min

Lab File: BF120300.D

Acq: 14 May 2020 19:38

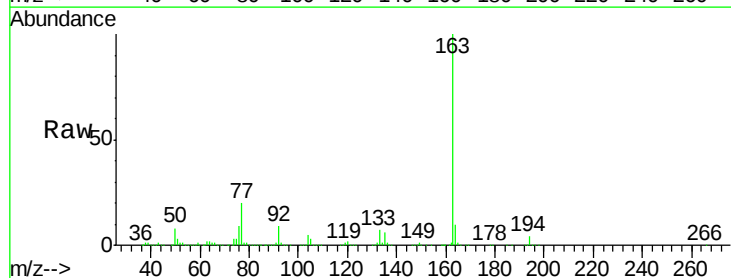
Tgt Ion:163 Resp: 2366541

Ion Ratio Lower Upper

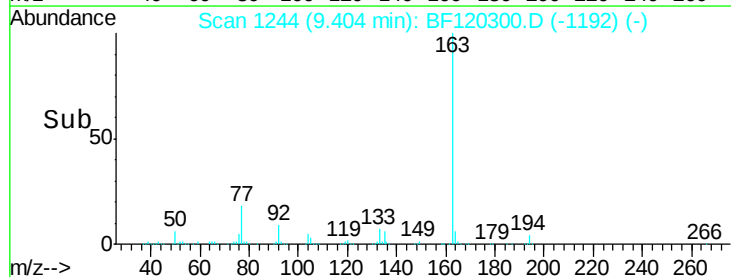
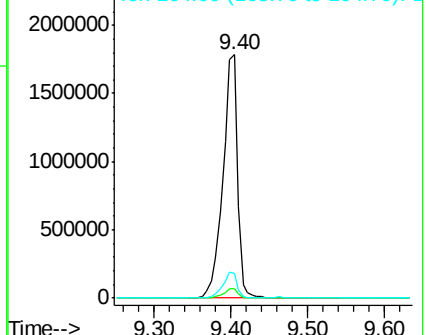
163 100

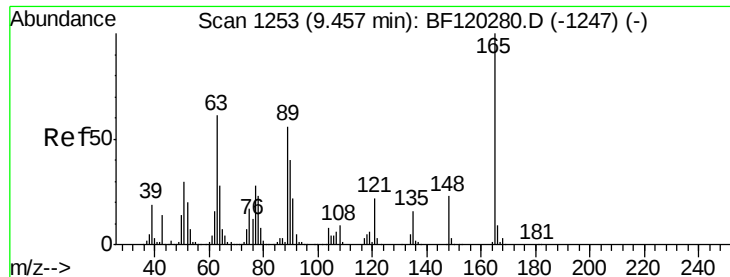
194 4.0 3.1 4.7

164 10.2 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

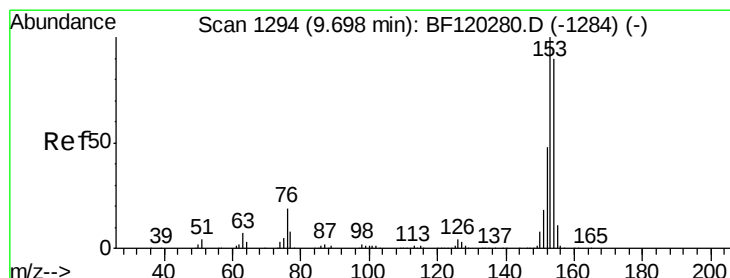
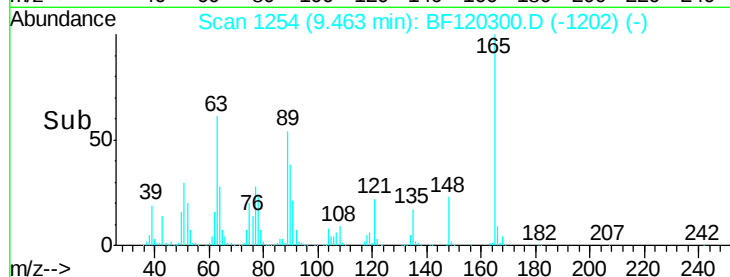
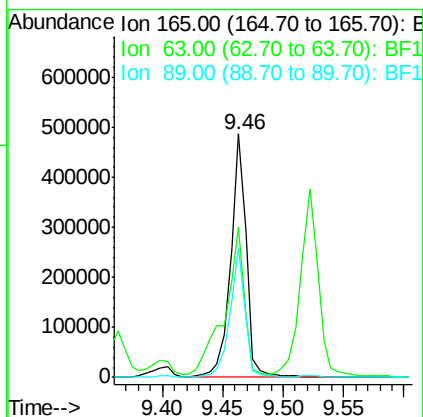
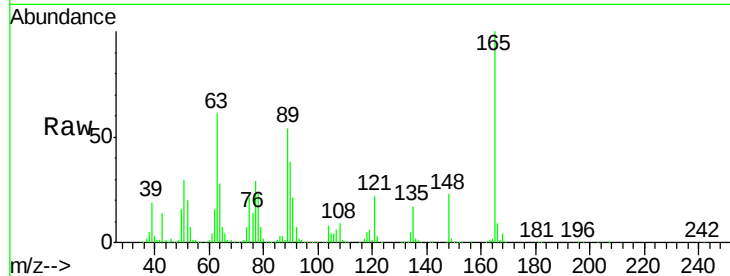




#51
 2,6-Dinitrotoluene
 Concen: 38.930 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. 0.01 min
 Lab File: BF120300.D
 Acq: 14 May 2020 19:38

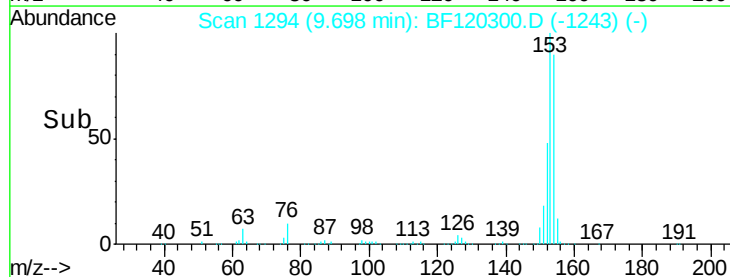
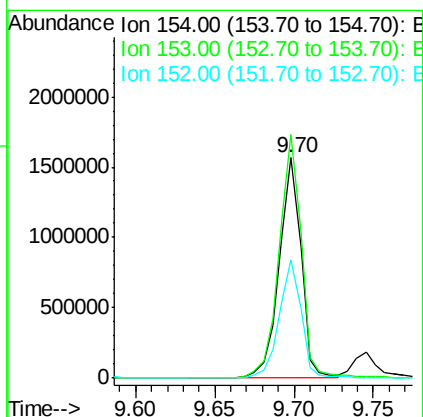
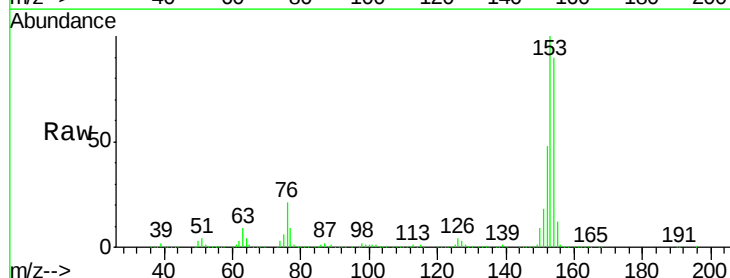
Instrument :
 BNA_F
 ClientSampleId :

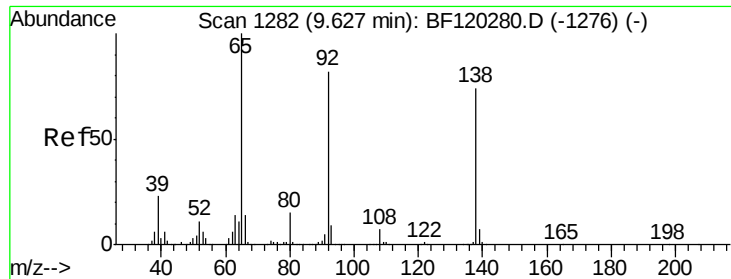
Tot Ion:165 Resp: 436105
 Ion Ratio Lower Upper
 165 100
 63 61.5 50.2 75.2
 89 53.5 44.6 66.8



#52
 Acenaphthene
 Concen: 39.610 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: BF120300.D
 Acq: 14 May 2020 19:38

Tgt Ion:154 Resp: 1513481
 Ion Ratio Lower Upper
 154 100
 153 110.5 89.0 133.4
 152 53.4 42.6 64.0

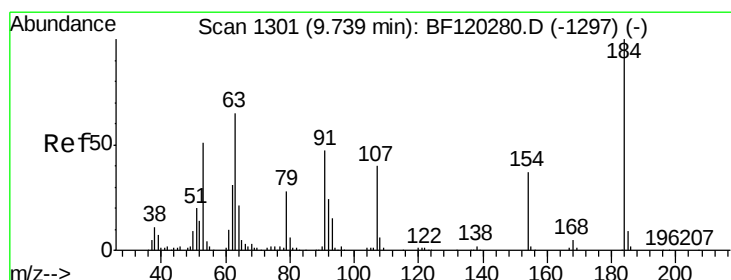
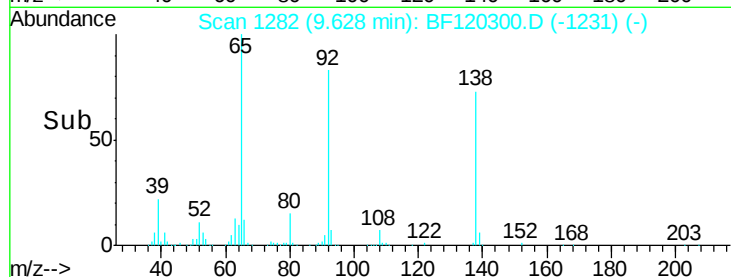
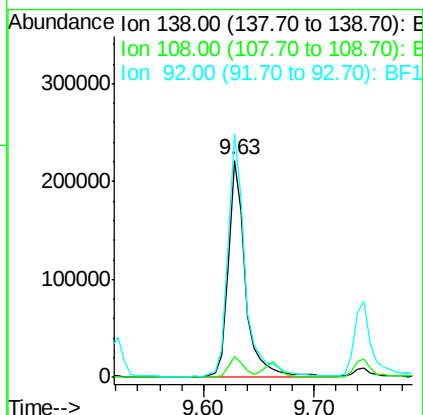
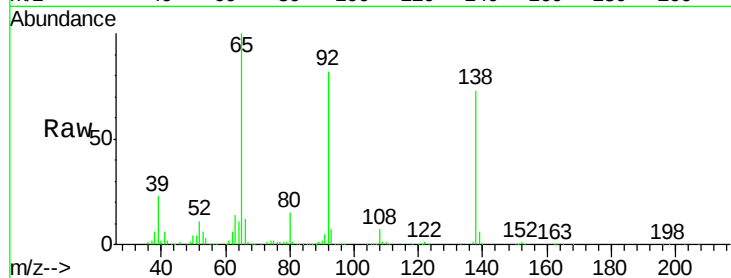




#53
 3-Nitroaniline
 Concen: 18.446 ng
 RT: 9.63 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: BF120300.D
 Acq: 14 May 2020 19:38

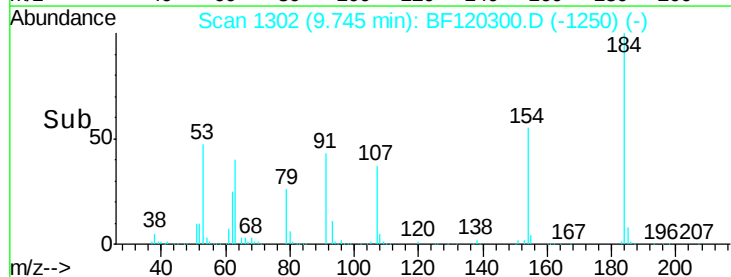
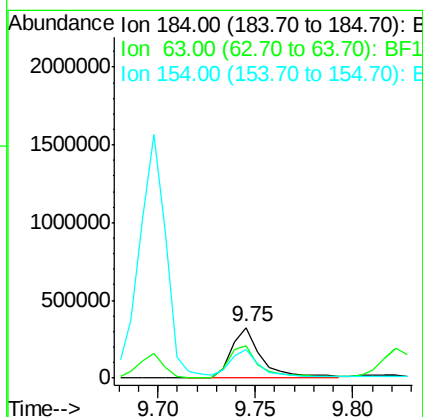
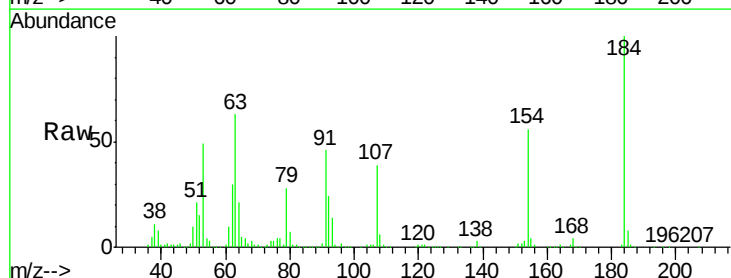
Instrument :
 BNA_F
 ClientSampleId :

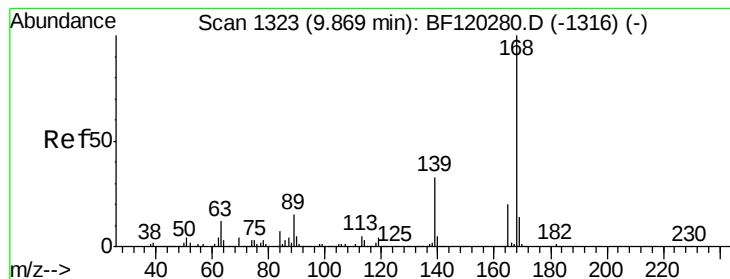
Tot Ion:138 Resp: 246414
 Ion Ratio Lower Upper
 138 100
 108 9.8 8.2 12.2
 92 112.1 89.6 134.4



#54
 2,4-Dinitrophenol
 Concen: 66.431 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. 0.01 min
 Lab File: BF120300.D
 Acq: 14 May 2020 19:38

Tgt Ion:184 Resp: 351277
 Ion Ratio Lower Upper
 184 100
 63 63.1 53.6 80.4
 154 55.5 46.8 70.2





#55

Dibenzofuran

Concen: 39.454 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.01 min

Lab File: BF120300.D

Acq: 14 May 2020 19:38

Instrument :

BNA_F

ClientSampleId :

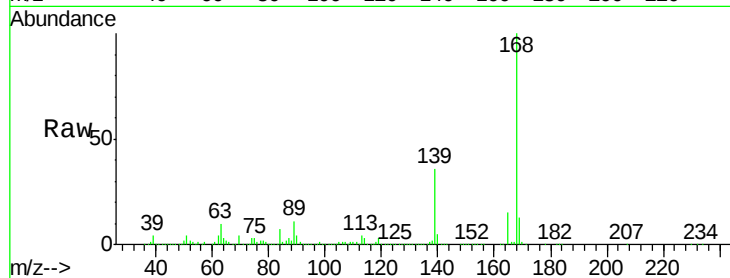
Tot Ion:168 Resp: 2170884

Ion Ratio Lower Upper

168 100

139 36.1 29.8 44.6

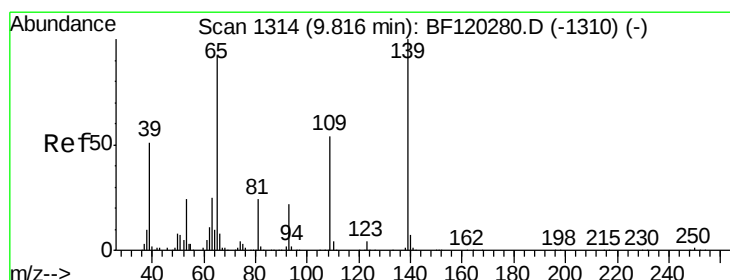
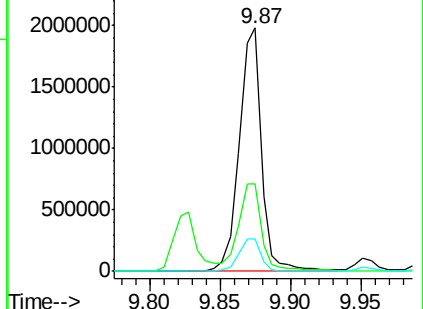
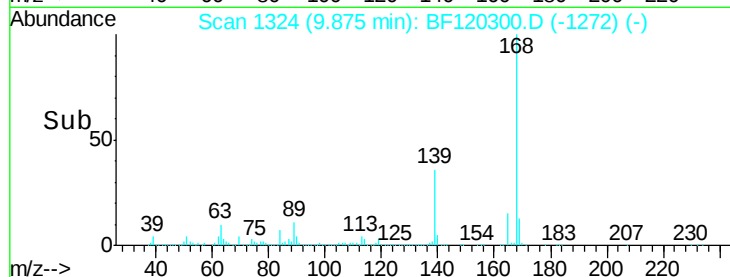
169 13.4 11.0 16.6



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: 75.388 ng

RT: 9.83 min Scan# 1316

Delta R.T. 0.01 min

Lab File: BF120300.D

Acq: 14 May 2020 19:38

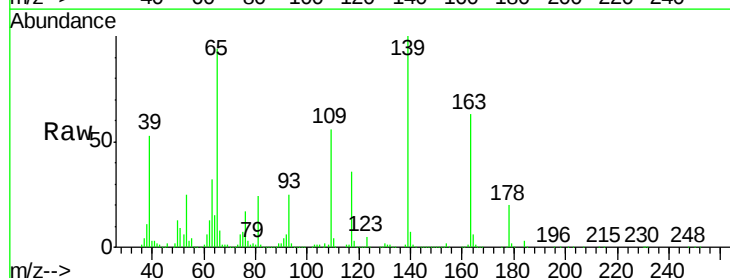
Tgt Ion:139 Resp: 541134

Ion Ratio Lower Upper

139 100

109 55.6 34.6 74.6

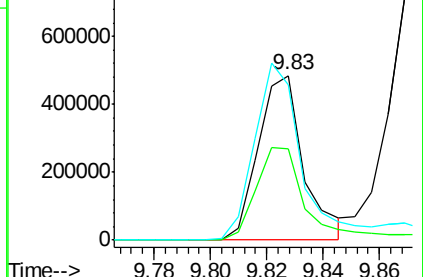
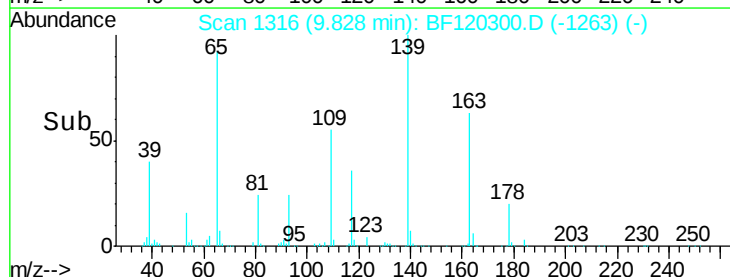
65 94.1 73.3 113.3

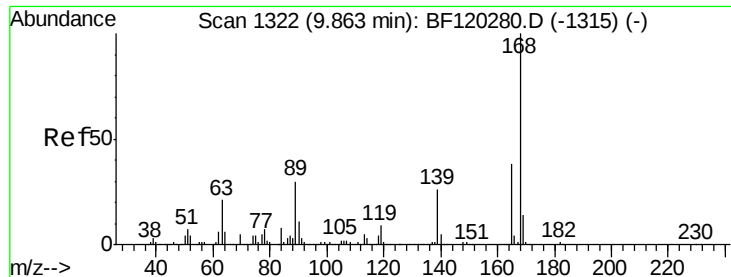


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

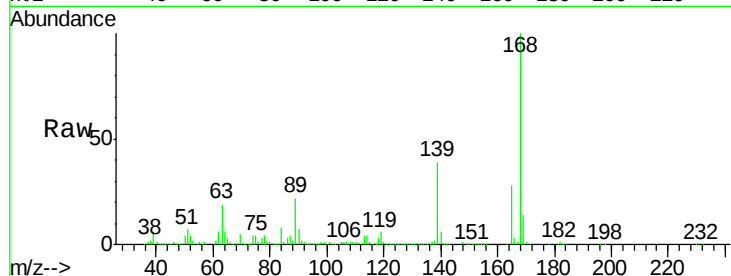




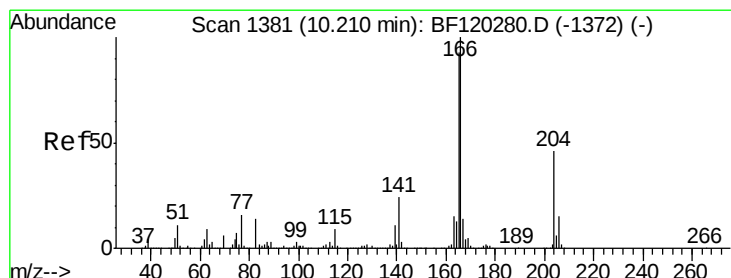
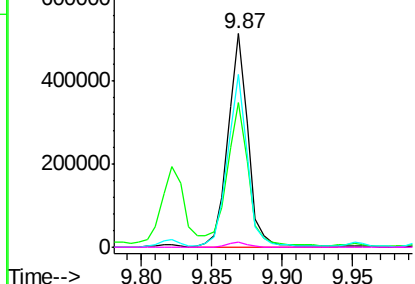
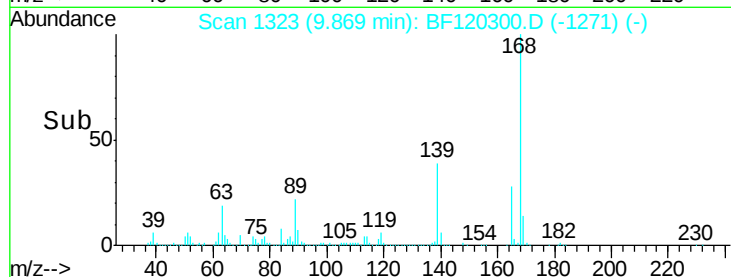
#57
 2,4-Dinitrotoluene
 Concen: 38.610 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: BF120300.D
 Acq: 14 May 2020 19:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	507361
Ion	Ratio	Lower	Upper
165	100		
63	67.8	51.8	77.8
89	81.2	64.2	96.4
182	2.5	2.0	3.0

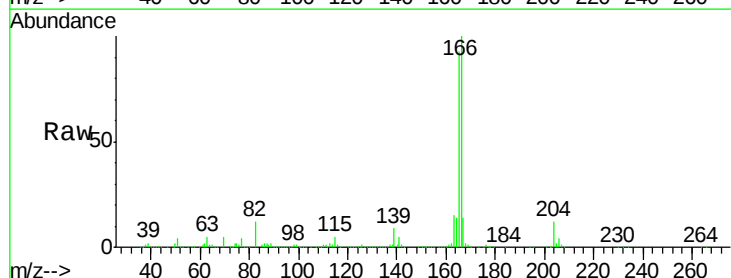


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

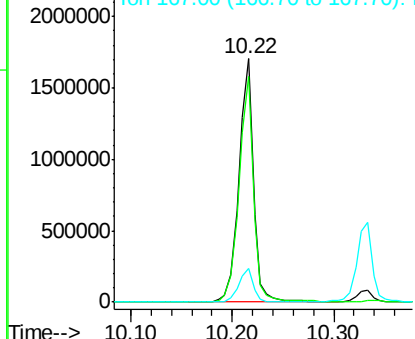
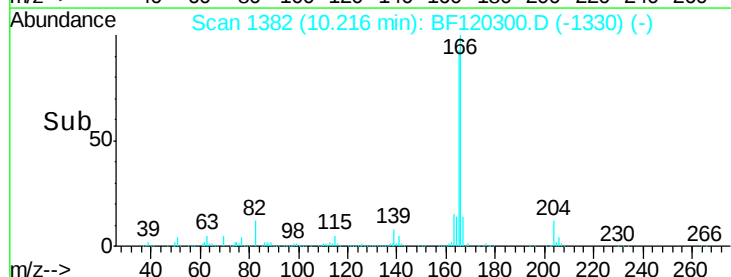


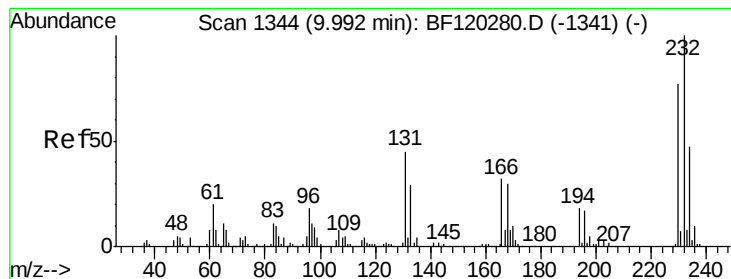
#58
 Fluorene
 Concen: 40.586 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. 0.01 min
 Lab File: BF120300.D
 Acq: 14 May 2020 19:38

Tgt Ion:	166	Resp:	1700744
Ion	Ratio	Lower	Upper
166	100		
165	92.9	74.7	112.1
167	13.6	11.4	17.0



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 39.686 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.01 min

Lab File: BF120300.D

Acq: 14 May 2020 19:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:232 Resp: 460936

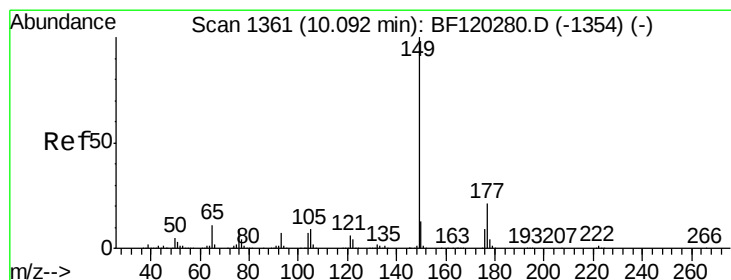
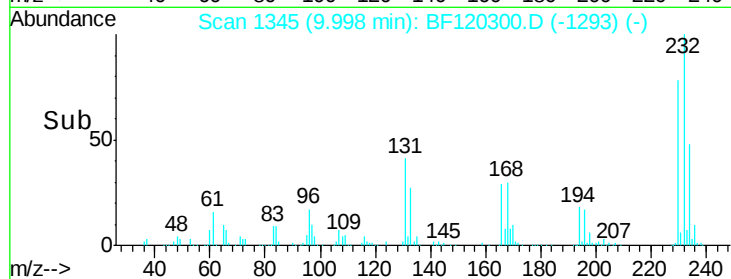
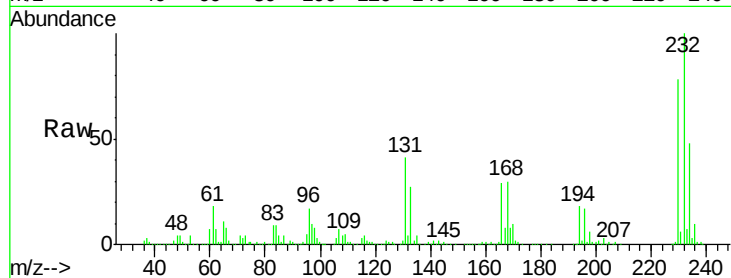
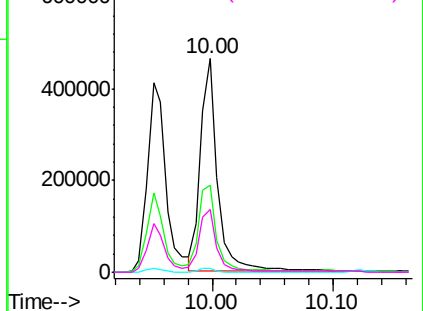
Ion	Ratio	Lower	Upper
232	100		
131	43.6	34.1	51.1
130	2.0	1.7	2.5
166	29.9	23.3	34.9

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: 39.698 ng

RT: 10.10 min Scan# 1362

Delta R.T. 0.01 min

Lab File: BF120300.D

Acq: 14 May 2020 19:38

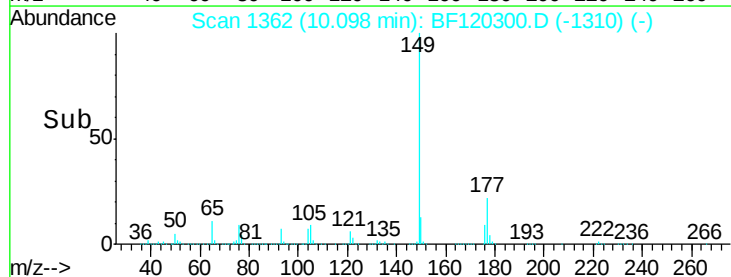
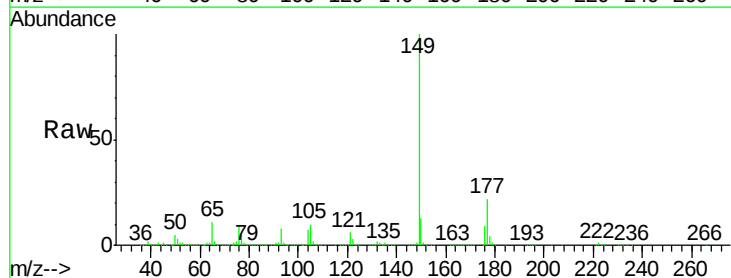
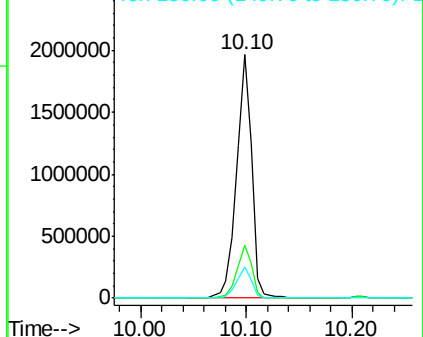
Tgt Ion:149 Resp: 1923602

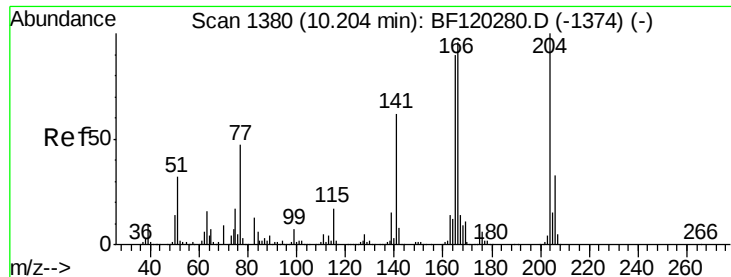
Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.1	25.7
150	12.9	10.3	15.5

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

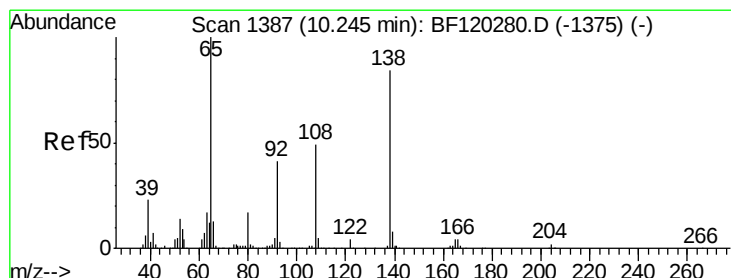
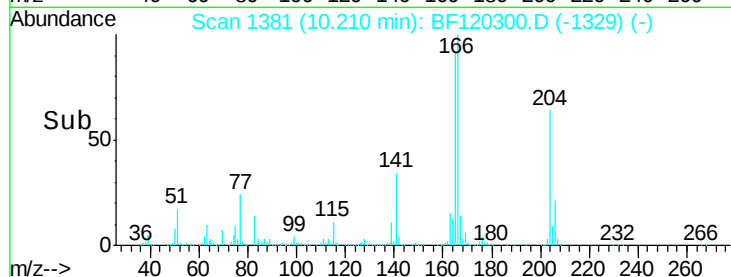
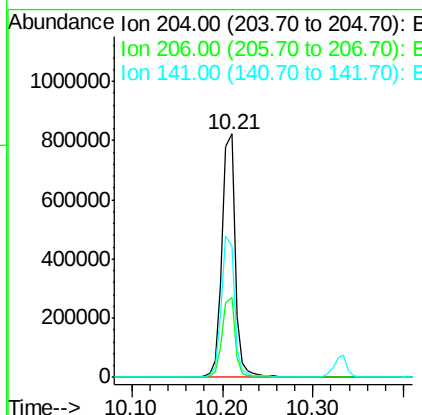
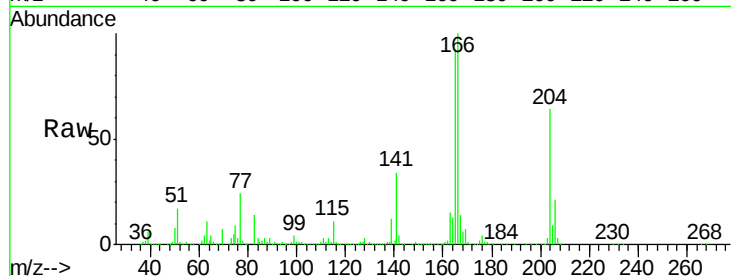




#61
 4-Chlorophenyl-phenylether
 Concen: 37.693 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. 0.01 min
 Lab File: BF120300.D
 Acq: 14 May 2020 19:38

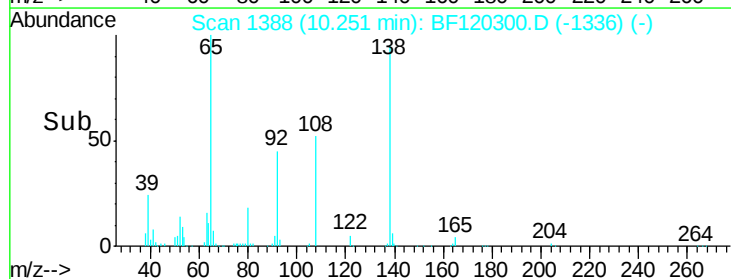
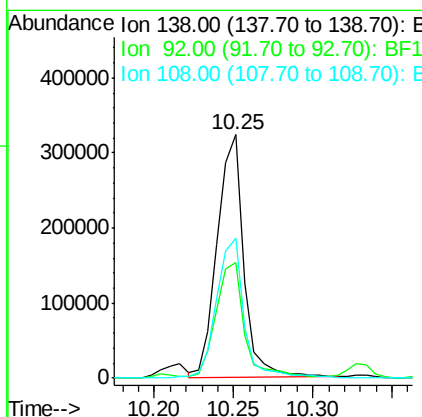
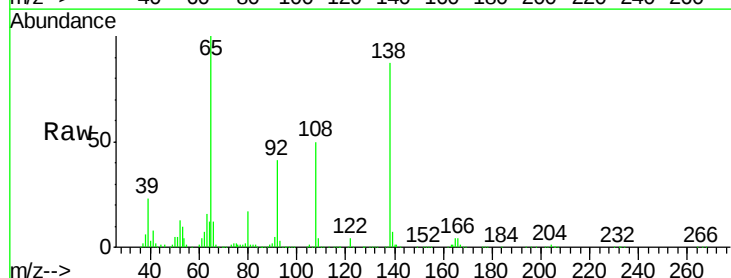
Instrument :
 BNA_F
 ClientSampleId :

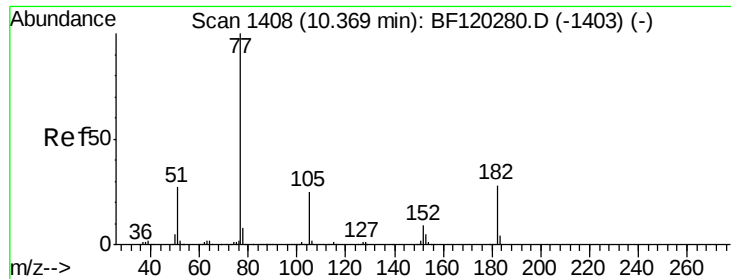
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.8	40.2
141	53.9	49.5	74.3



#62
 4-Nitroaniline
 Concen: 30.103 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. 0.01 min
 Lab File: BF120300.D
 Acq: 14 May 2020 19:38

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.3	28.9	68.9
108	57.5	38.4	78.4





#63

Azobenzene

Concen: 40.648 ng

RT: 10.37 min Scan# 1408

Delta R.T. 0.00 min

Lab File: BF120300.D

Acq: 14 May 2020 19:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1861527

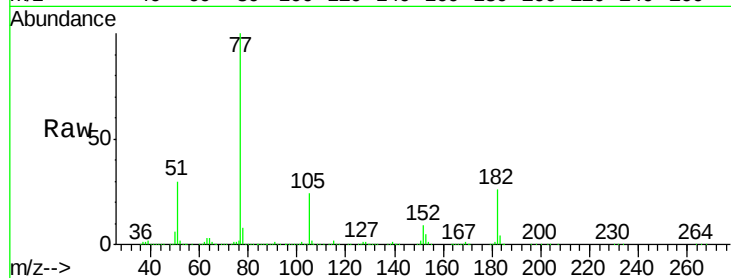
Ion	Ratio	Lower	Upper
77	100		
182	26.0	7.4	47.4
105	23.7	4.4	44.4
51	29.9	8.3	48.3

77 100

182 26.0 7.4 47.4

105 23.7 4.4 44.4

51 29.9 8.3 48.3

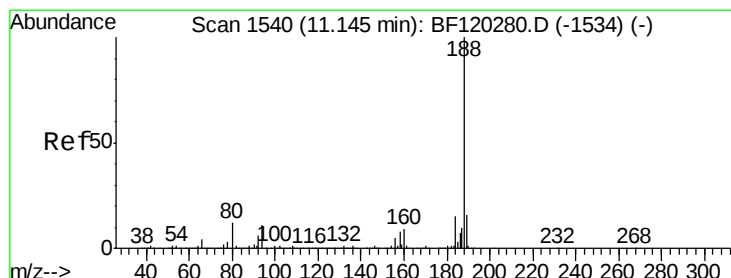
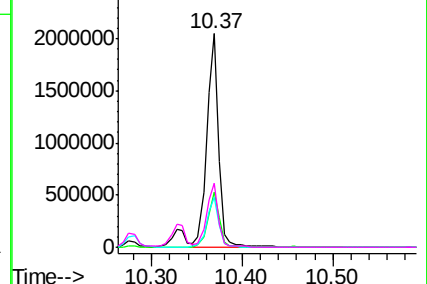
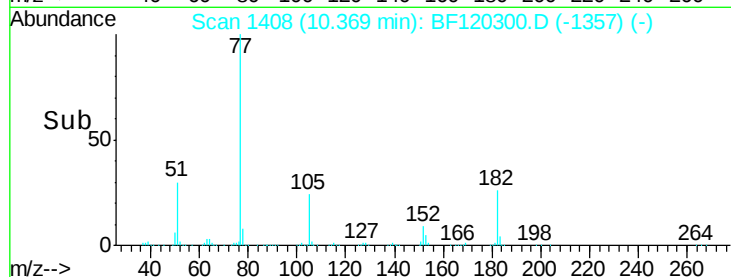


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF120300.D

Acq: 14 May 2020 19:38

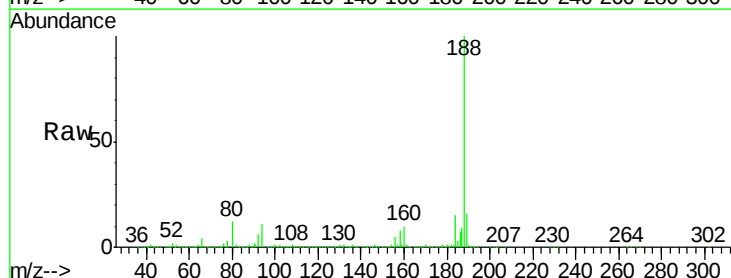
Tgt Ion: 188 Resp: 1437031

Ion	Ratio	Lower	Upper
188	100		
94	11.2	8.6	13.0
80	11.6	9.2	13.8

188 100

94 11.2 8.6 13.0

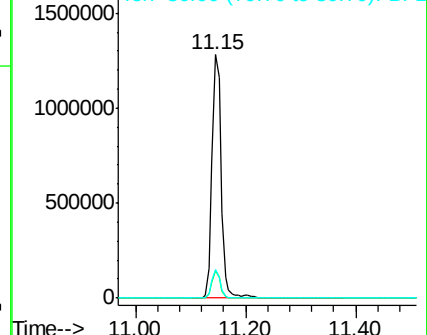
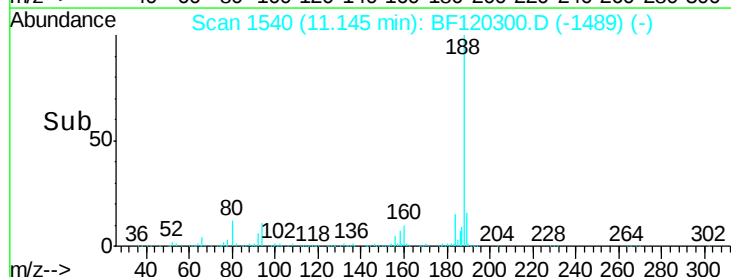
80 11.6 9.2 13.8

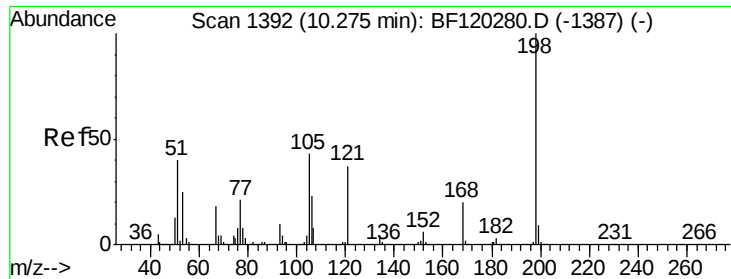


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

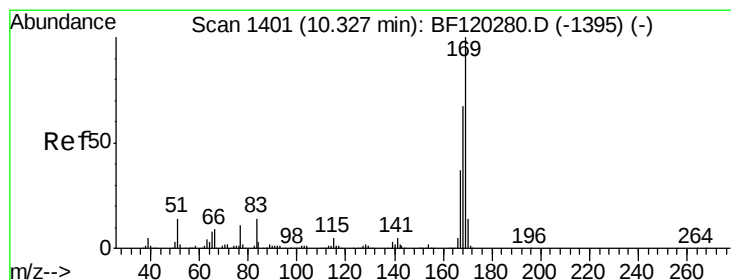
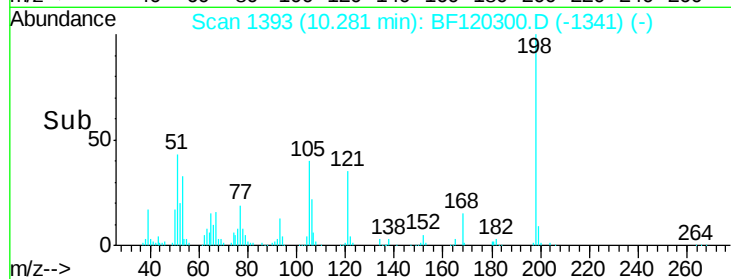
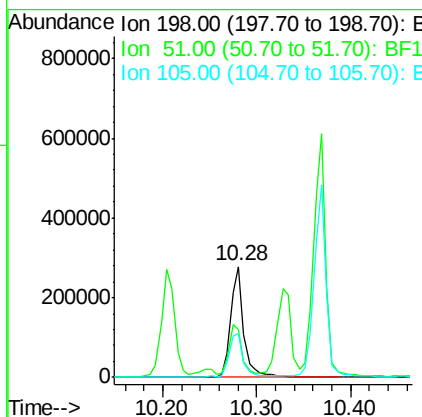
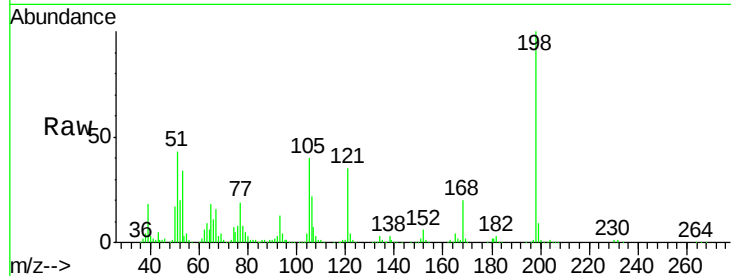




#65
4,6-Dinitro-2-methylphenol
Concen: 37.532 ng
RT: 10.28 min Scan# 1393
Delta R.T. 0.01 min
Lab File: BF120300.D
Acq: 14 May 2020 19:38

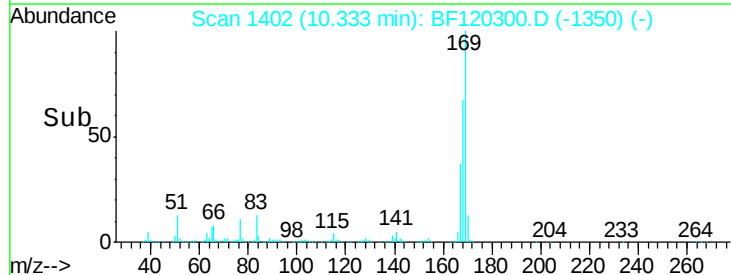
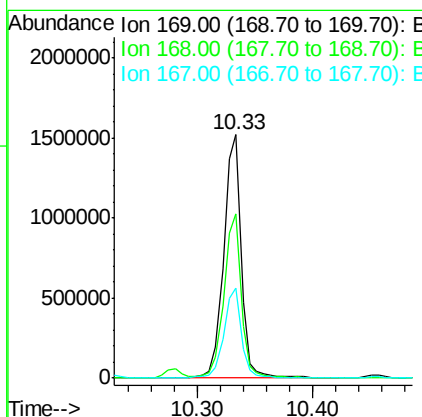
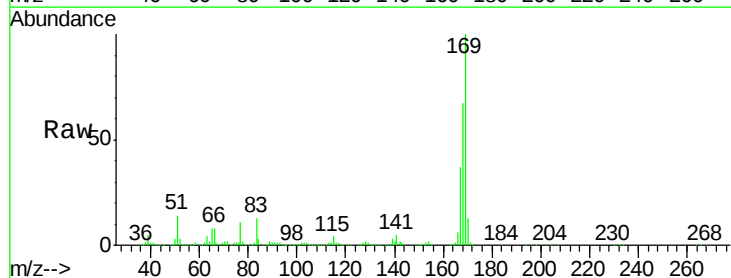
Instrument :
BNA_F
ClientSampleId :

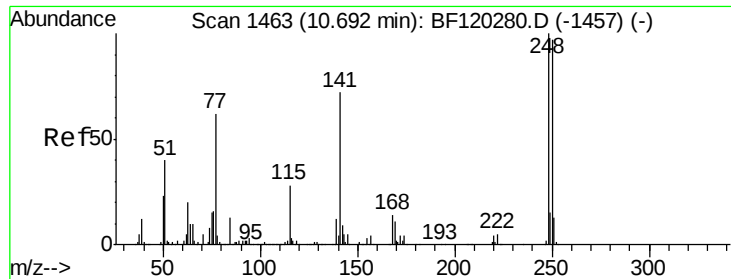
Tot Ion	Ratio	Lower	Upper
198	100		
51	43.2	27.1	67.1
105	39.9	24.3	64.3



#66
n-Nitrosodiphenylamine
Concen: 39.998 ng
RT: 10.33 min Scan# 1402
Delta R.T. 0.01 min
Lab File: BF120300.D
Acq: 14 May 2020 19:38

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.4	53.7	80.5
167	37.0	29.8	44.6

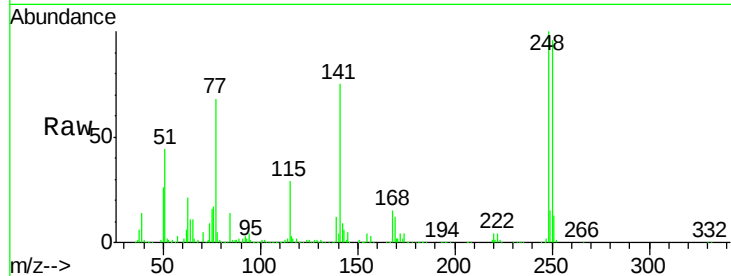




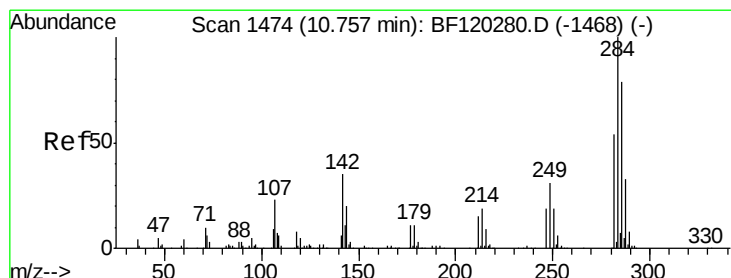
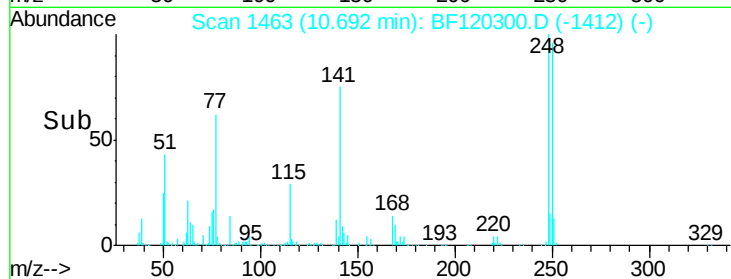
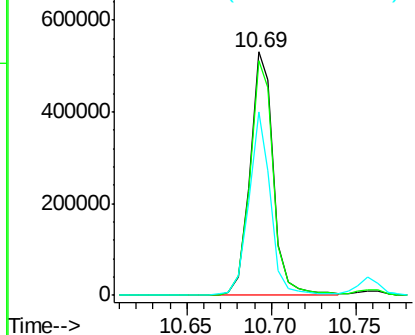
#67
 4-Bromophenyl-phenylether
 Concen: 36.950 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. 0.00 min
 Lab File: BF120300.D
 Acq: 14 May 2020 19:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.3	77.8	116.6
141	75.3	57.7	86.5

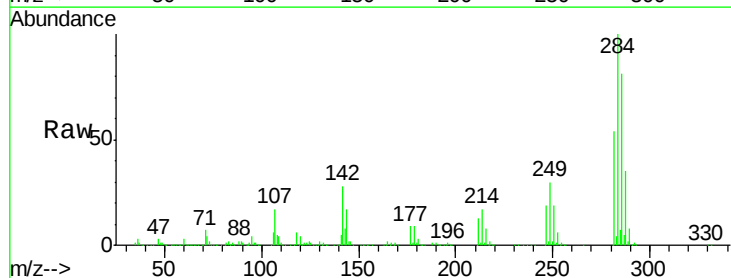


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

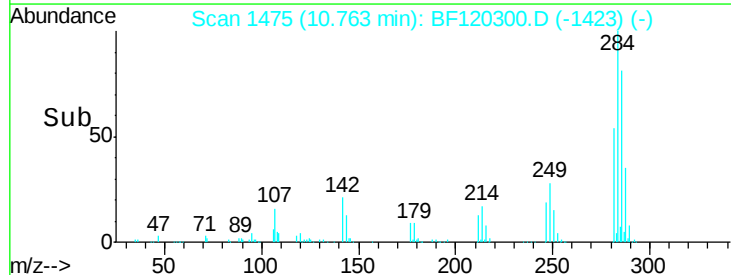
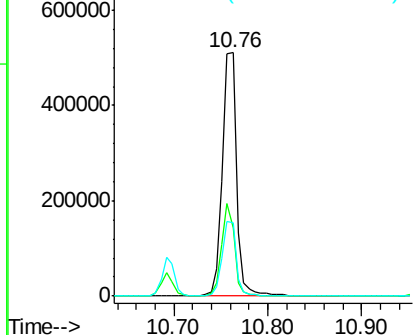


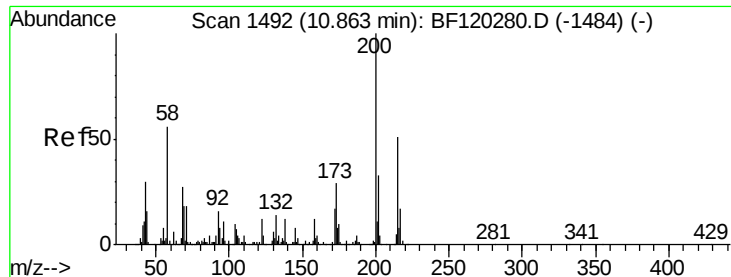
#68
 Hexachlorobenzene
 Concen: 37.393 ng
 RT: 10.76 min Scan# 1475
 Delta R.T. 0.01 min
 Lab File: BF120300.D
 Acq: 14 May 2020 19:38

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.2	28.5	42.7#
249	30.3	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

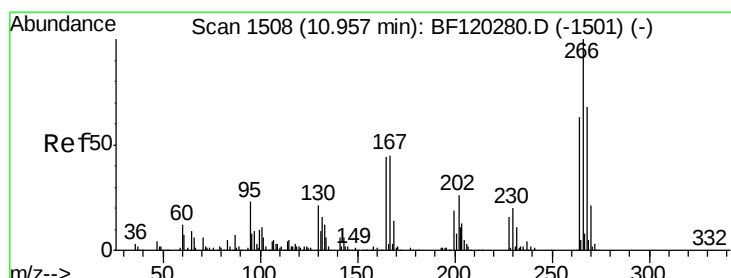
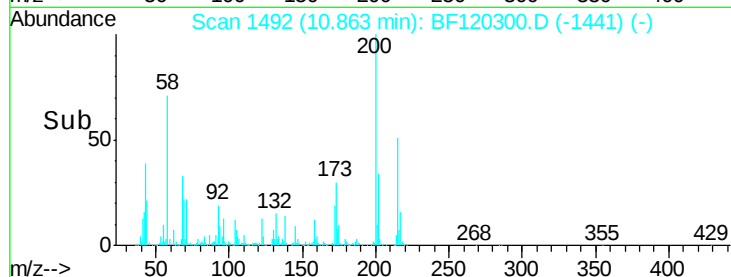
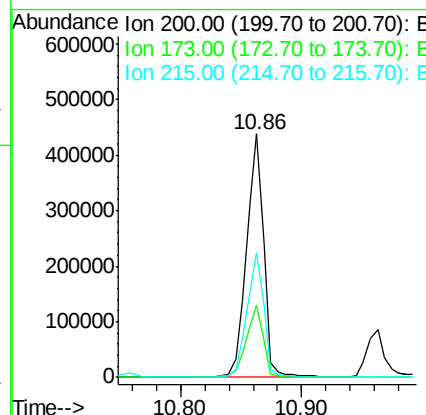
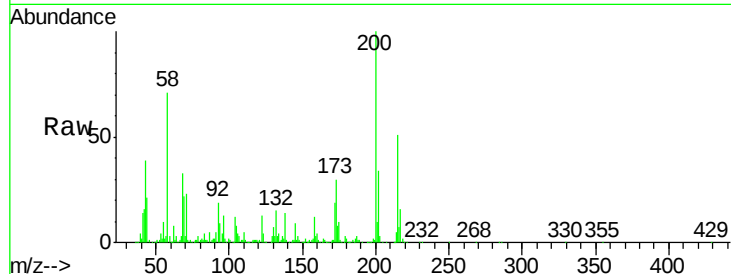




#69
Atrazine
Concen: 36.491 ng
RT: 10.86 min Scan# 1492
Delta R.T. 0.00 min
Lab File: BF120300.D
Acq: 14 May 2020 19:38

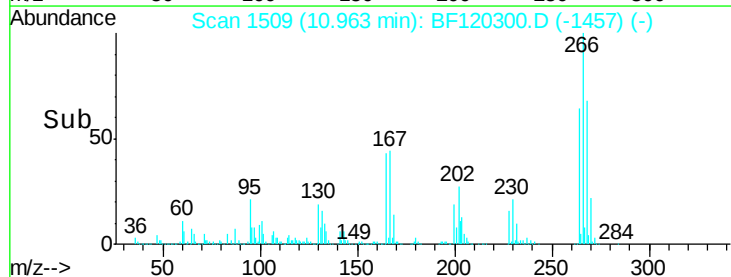
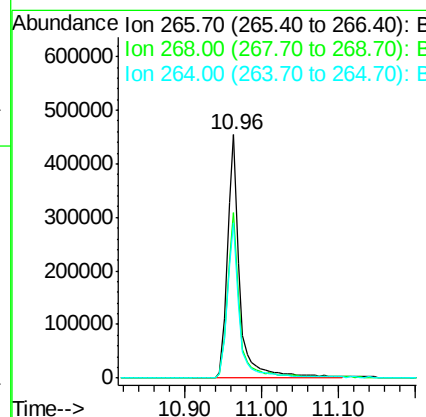
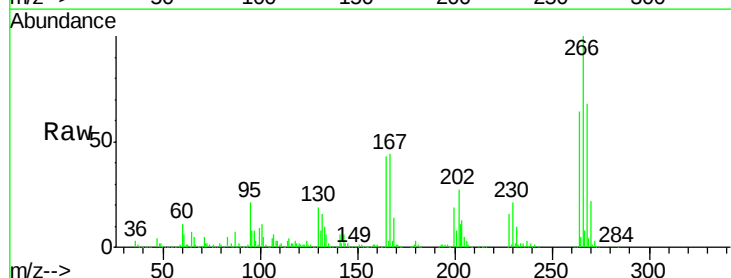
Instrument :
BNA_F
ClientSampleId :

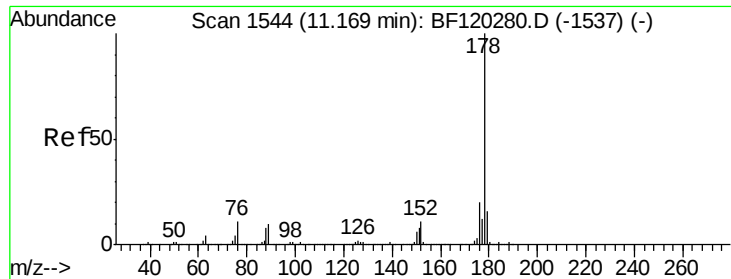
Tot Ion	Ratio	Lower	Upper
200	100		
173	29.7	8.7	48.7
215	51.2	30.6	70.6



#70
Pentachlorophenol
Concen: 81.253 ng
RT: 10.96 min Scan# 1509
Delta R.T. 0.01 min
Lab File: BF120300.D
Acq: 14 May 2020 19:38

Tgt Ion	Ratio	Lower	Upper
266	100		
268	68.2	54.2	81.4
264	64.0	50.2	75.4





#71

Phenanthrene

Concen: 42.148 ng

RT: 11.17 min Scan# 1545

Delta R.T. 0.01 min

Lab File: BF120300.D

Acq: 14 May 2020 19:38

Instrument :

BNA_F

ClientSampleId :

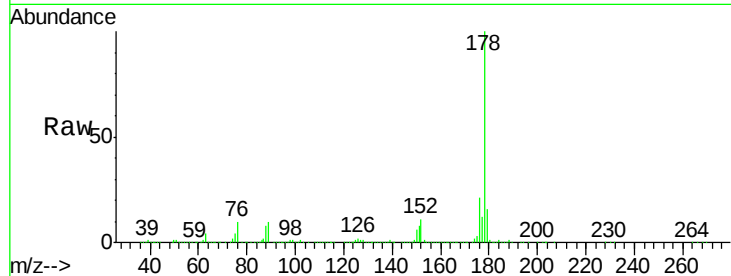
Tot Ion:178 Resp: 2545086

Ion Ratio Lower Upper

178 100

176 20.5 15.8 23.8

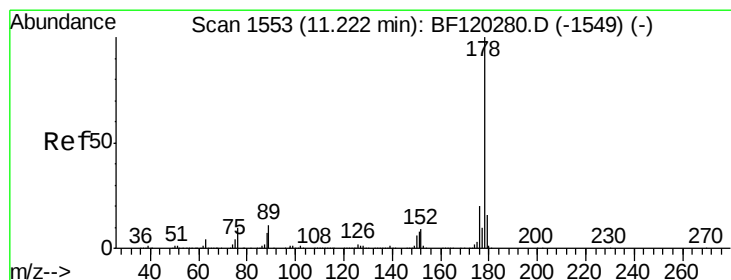
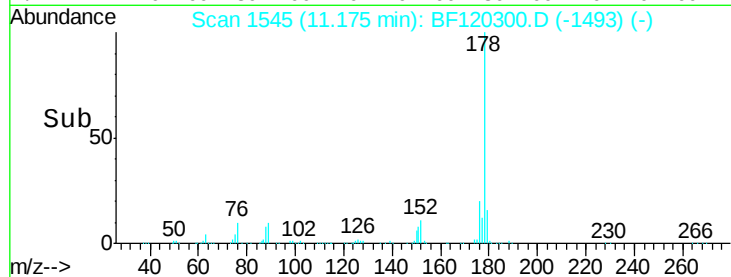
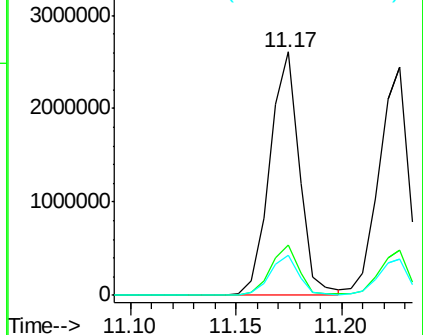
179 16.5 12.8 19.2



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: 39.652 ng

RT: 11.23 min Scan# 1554

Delta R.T. 0.01 min

Lab File: BF120300.D

Acq: 14 May 2020 19:38

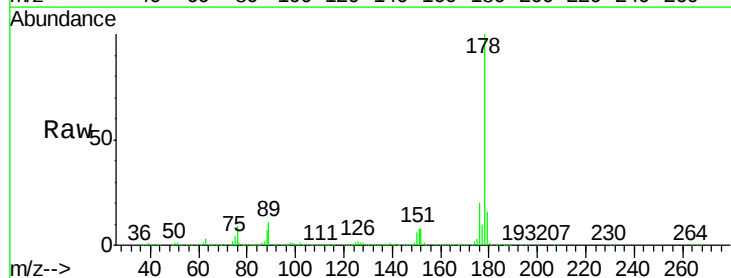
Tgt Ion:178 Resp: 2563273

Ion Ratio Lower Upper

178 100

176 19.6 15.7 23.5

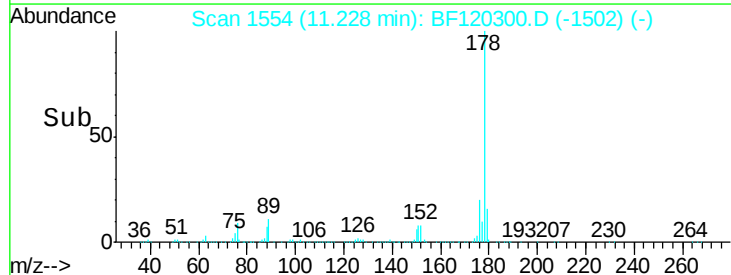
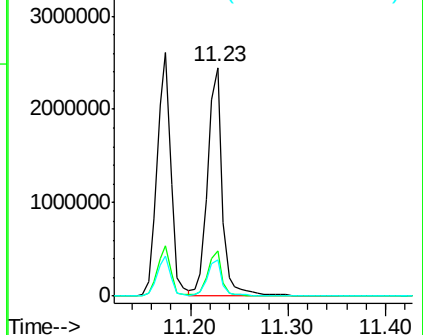
179 16.0 13.0 19.6

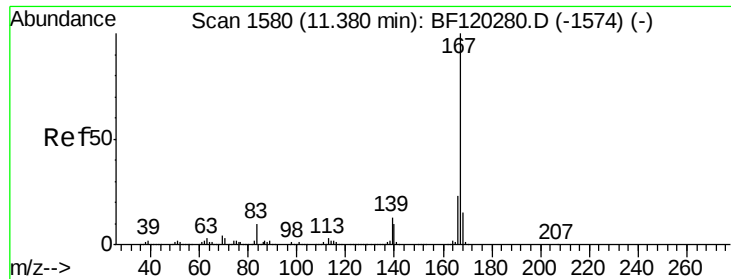


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

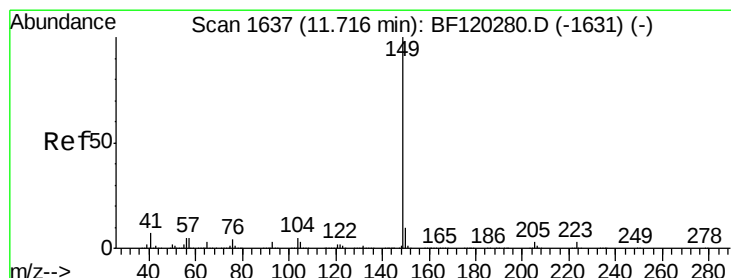
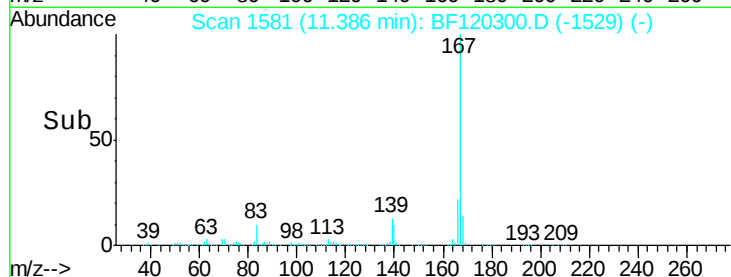
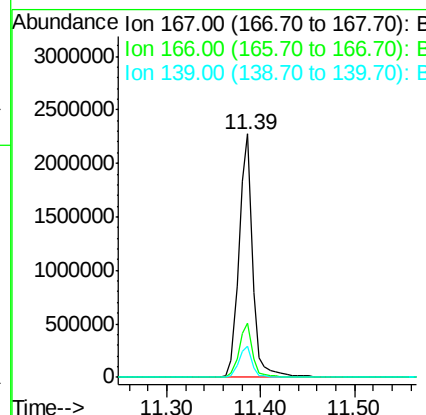
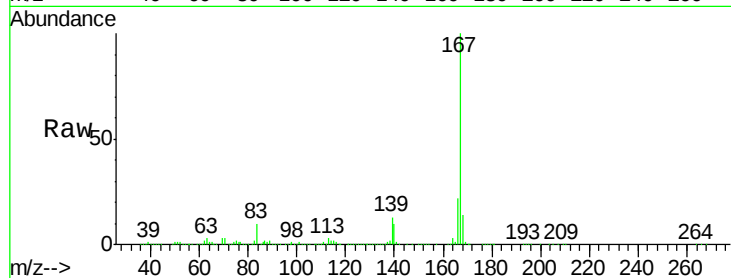




#73
 Carbazole
 Concen: 37.820 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. 0.01 min
 Lab File: BF120300.D
 Acq: 14 May 2020 19:38

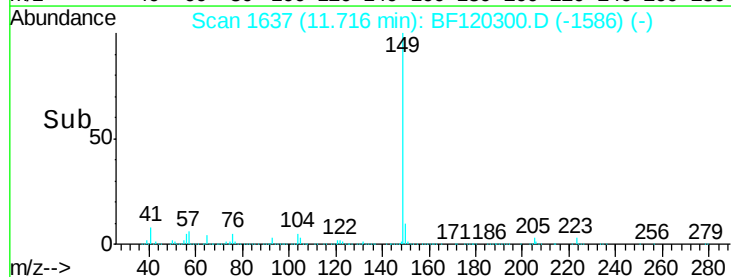
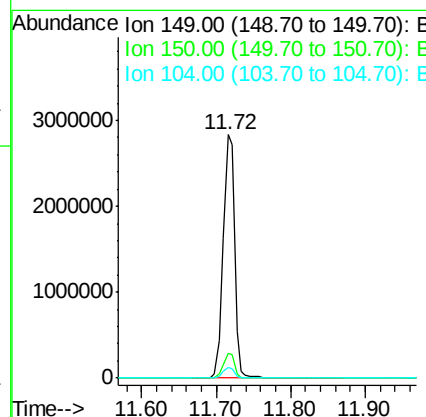
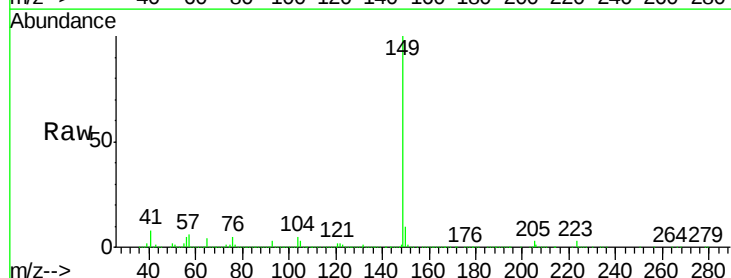
Instrument :
 BNA_F
 ClientSampleId :

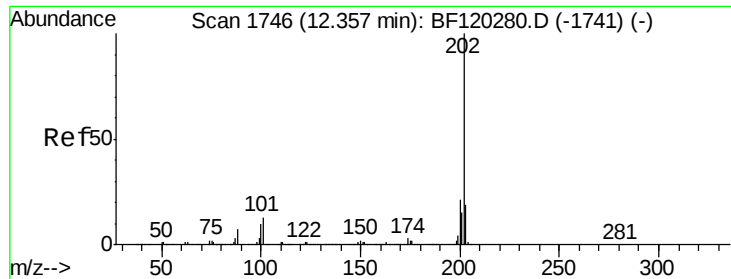
Tot Ion:167 Resp: 2284313
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.1 27.1
 139 12.9 10.6 15.8



#74
 Di-n-butylphthalate
 Concen: 41.089 ng
 RT: 11.72 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: BF120300.D
 Acq: 14 May 2020 19:38

Tgt Ion:149 Resp: 2990992
 Ion Ratio Lower Upper
 149 100
 150 10.2 8.2 12.4
 104 4.6 3.8 5.8





#75

Fluoranthene

Concen: 43.352 ng

RT: 12.36 min Scan# 1746

Delta R.T. 0.00 min

Lab File: BF120300.D

Acq: 14 May 2020 19:38

Instrument :

BNA_F

ClientSampleId :

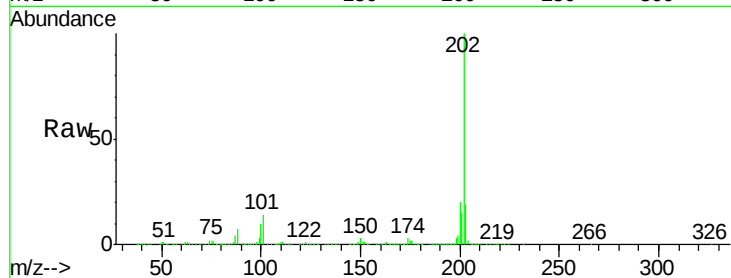
Tot Ion:202 Resp: 2805782

Ion Ratio Lower Upper

202 100

101 13.9 0.0 33.2

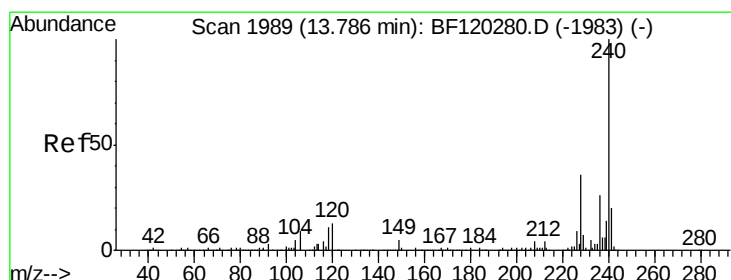
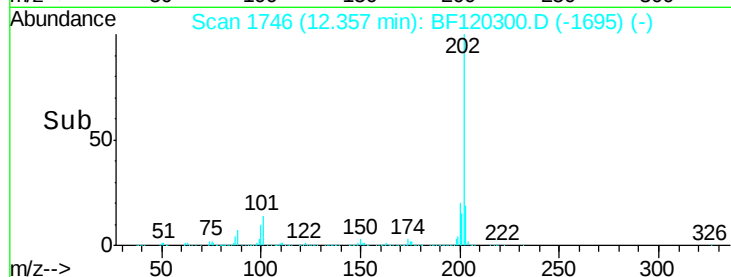
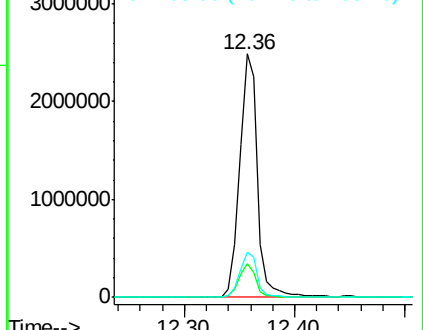
203 18.8 0.0 39.1



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: BF120300.D

Acq: 14 May 2020 19:38

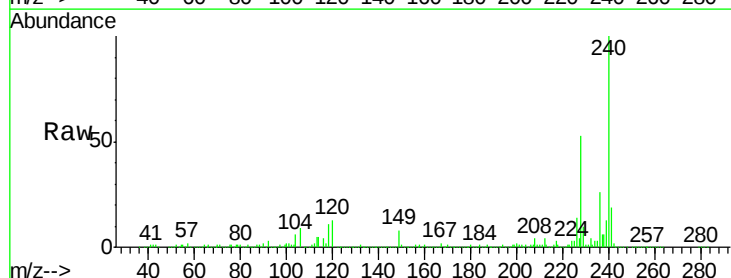
Tgt Ion:240 Resp: 771835

Ion Ratio Lower Upper

240 100

120 12.8 10.4 15.6

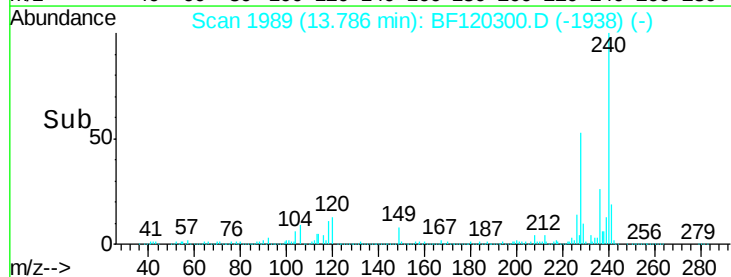
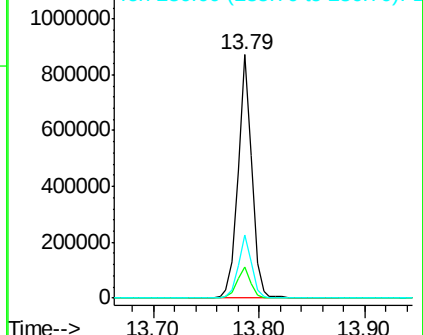
236 26.2 21.0 31.6

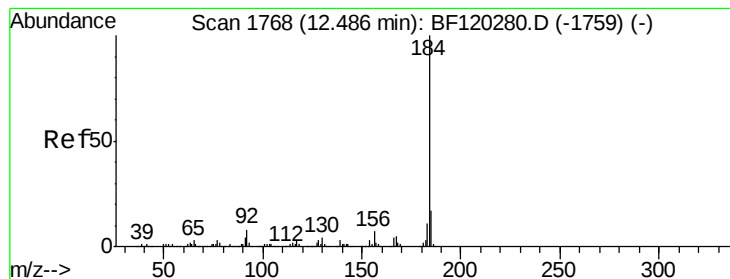


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 46.450 ng

RT: 12.49 min Scan# 1768

Delta R.T. 0.00 min

Lab File: BF120300.D

Acq: 14 May 2020 19:38

Instrument :

BNA_F

ClientSampleId :

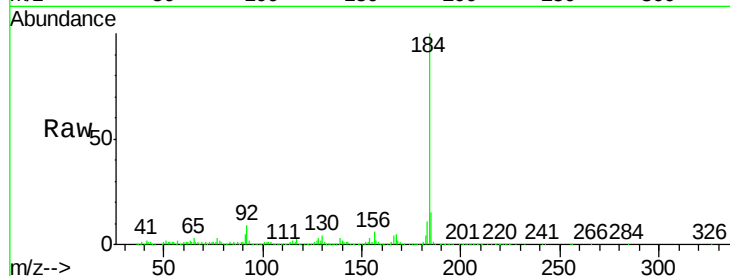
Tot Ion:184 Resp: 1046942

Ion	Ratio	Lower	Upper
184	100		
185	14.9	13.7	20.5
183	10.7	8.7	13.1

184 100

185 14.9 13.7 20.5

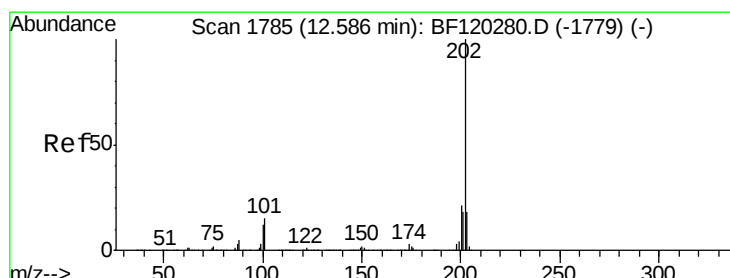
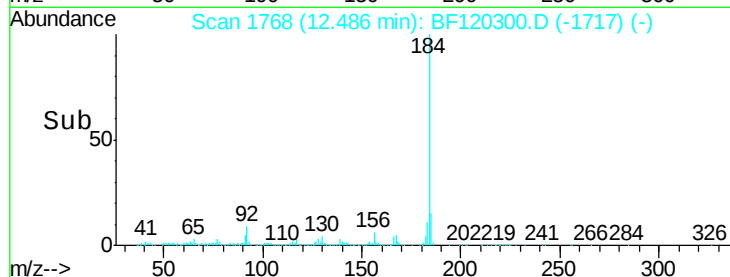
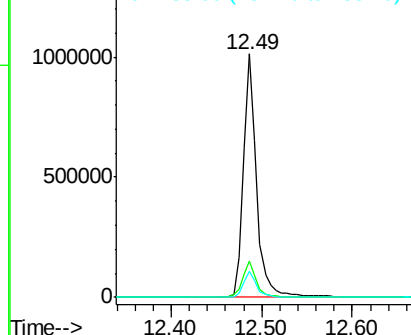
183 10.7 8.7 13.1



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: 49.465 ng

RT: 12.59 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF120300.D

Acq: 14 May 2020 19:38

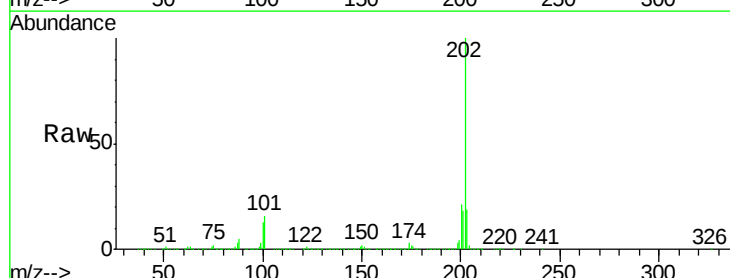
Tgt Ion:202 Resp: 2721761

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.6	25.0
203	18.7	14.6	22.0

202 100

200 21.0 16.6 25.0

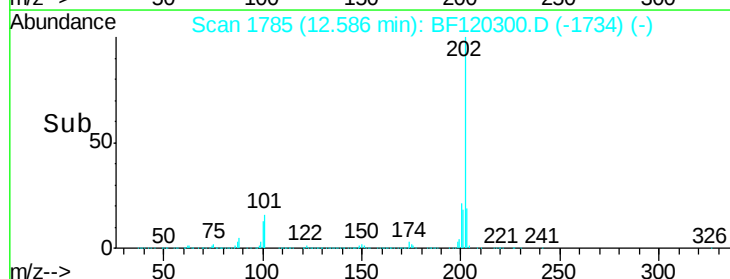
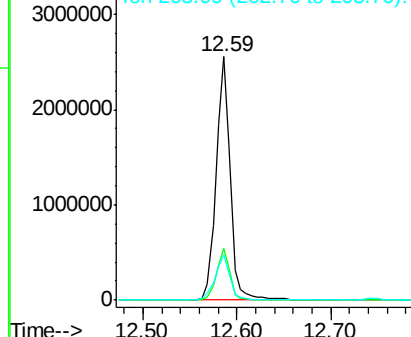
203 18.7 14.6 22.0

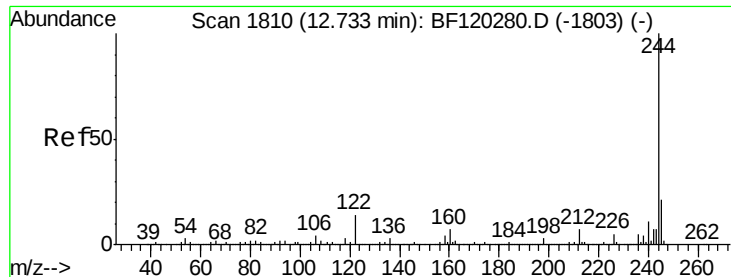


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

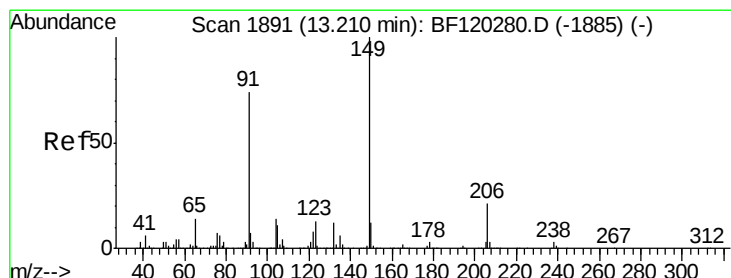
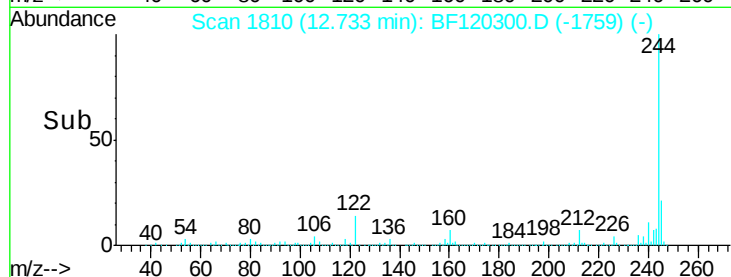
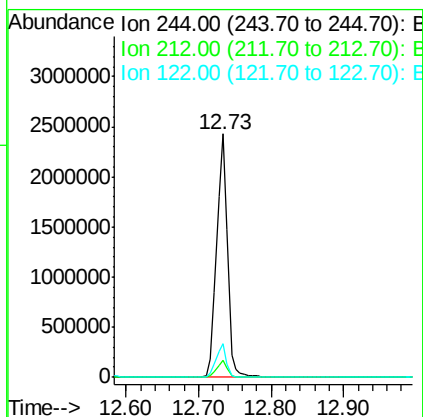
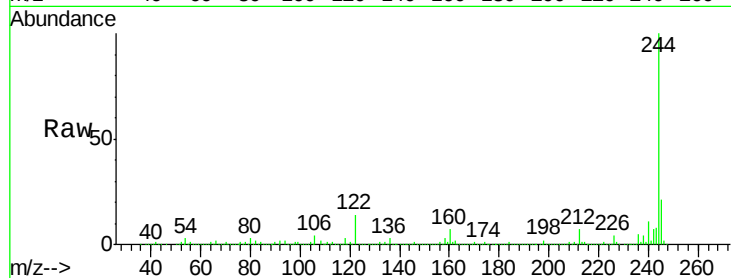




#79
 Terphenyl-d14
 Concen: 73.545 ng
 RT: 12.73 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: BF120300.D
 Acq: 14 May 2020 19:38

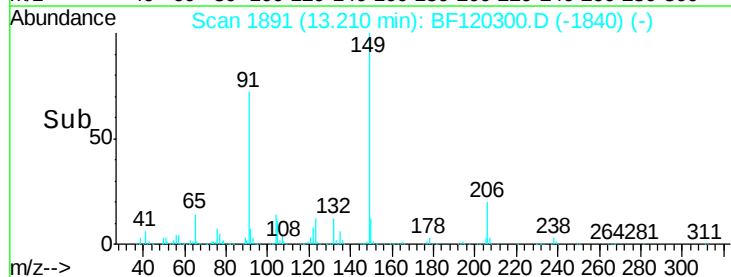
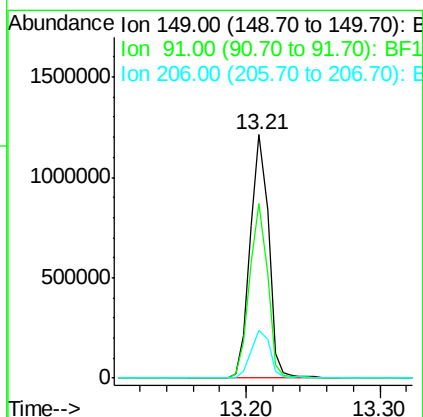
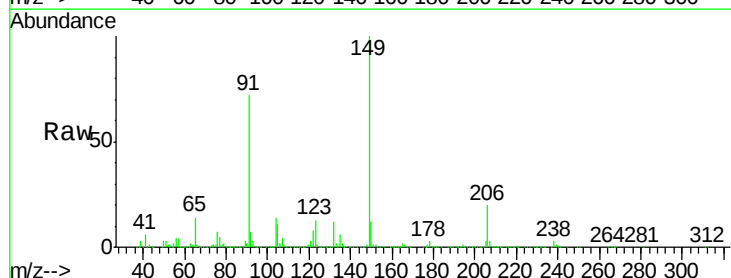
Instrument :
 BNA_F
 ClientSampled :

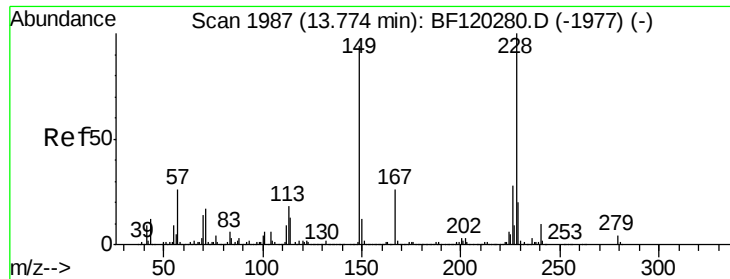
Tot Ion:244 Resp: 2569456
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 13.7 10.8 16.2



#80
 Butylbenzylphthalate
 Concen: 44.267 ng
 RT: 13.21 min Scan# 1891
 Delta R.T. 0.00 min
 Lab File: BF120300.D
 Acq: 14 May 2020 19:38

Tgt Ion:149 Resp: 1146961
 Ion Ratio Lower Upper
 149 100
 91 71.8 59.0 88.4
 206 19.8 16.8 25.2





#81

Benzo(a)anthracene

Concen: 43.203 ng

RT: 13.77 min Scan# 1987

Delta R.T. 0.00 min

Lab File: BF120300.D

Acq: 14 May 2020 19:38

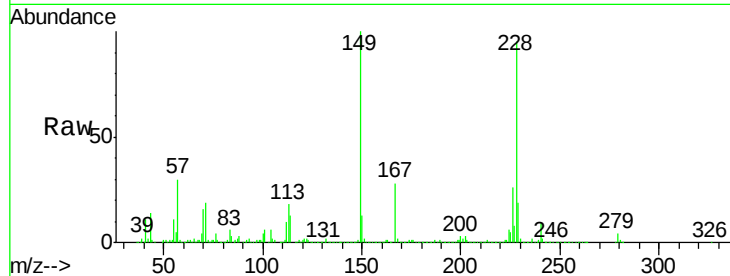
Instrument :

BNA_F

ClientSampled :

Tot Ion:228 Resp: 1758760

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	20.2	16.4	24.6

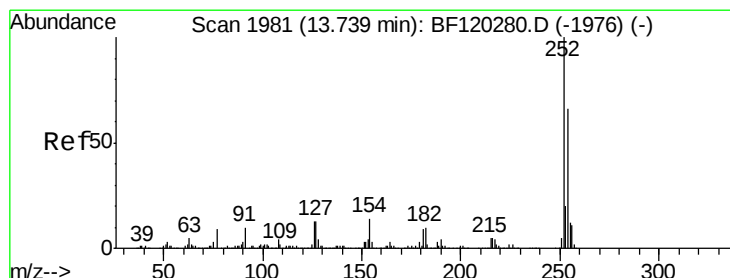
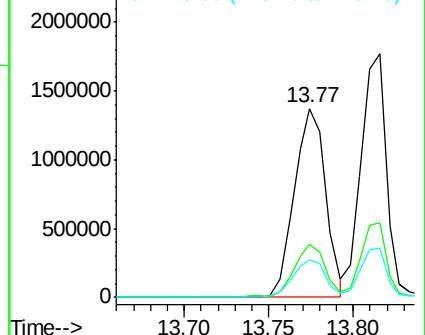
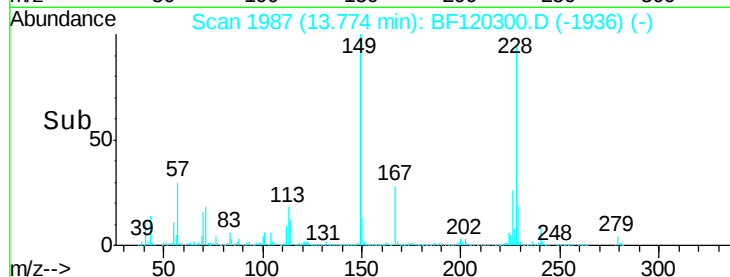


Abundance

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: 32.578 ng

RT: 13.74 min Scan# 1981

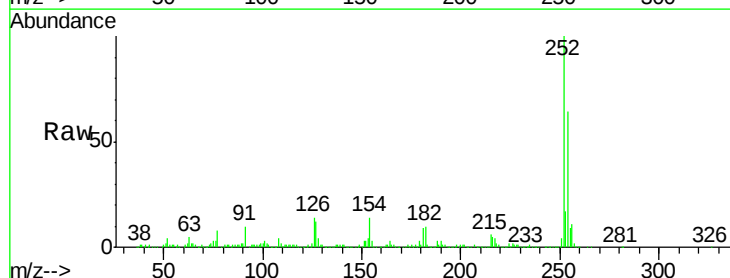
Delta R.T. 0.00 min

Lab File: BF120300.D

Acq: 14 May 2020 19:38

Tgt Ion:252 Resp: 499776

Ion	Ratio	Lower	Upper
252	100		
254	63.7	52.6	78.8
126	13.8	10.7	16.1

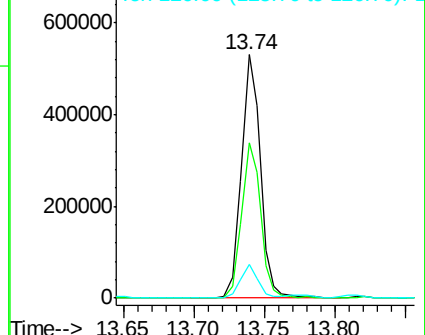
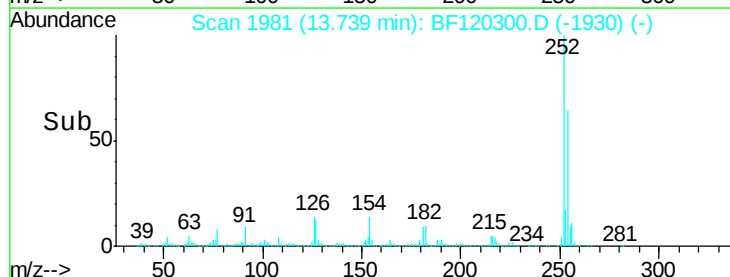


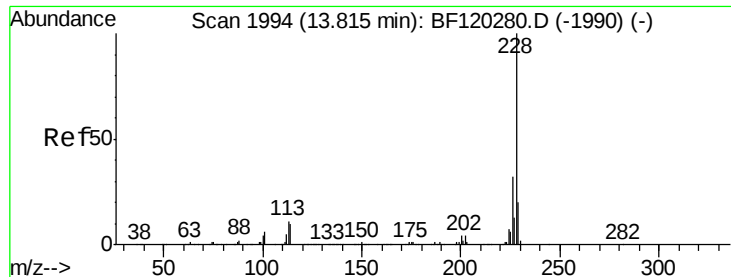
Abundance

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

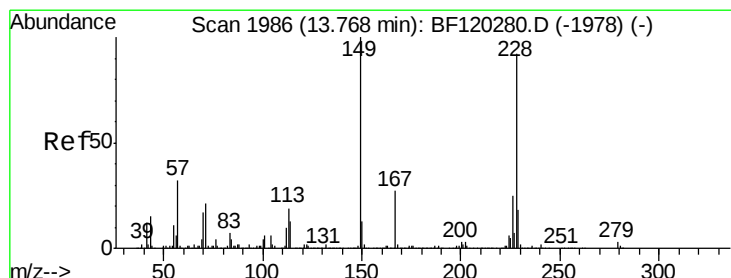
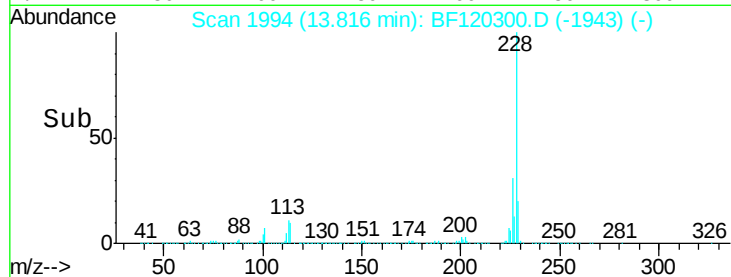
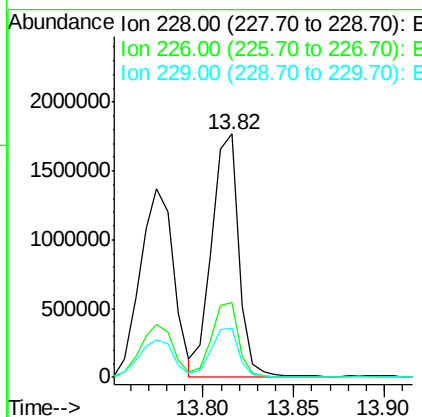
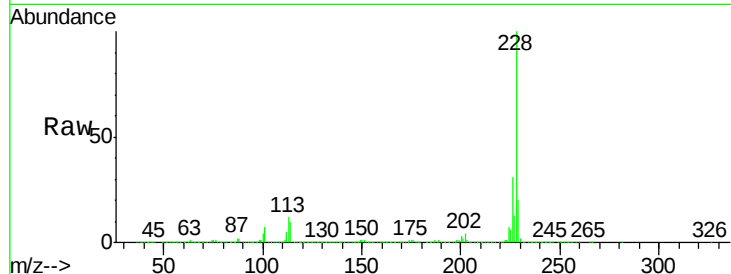




#83
 Chrysene
 Concen: 41.897 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. 0.00 min
 Lab File: BF120300.D
 Acq: 14 May 2020 19:38

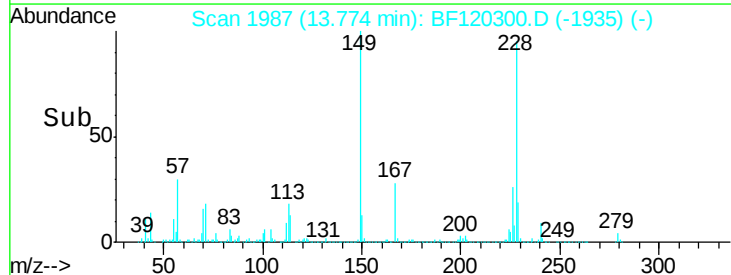
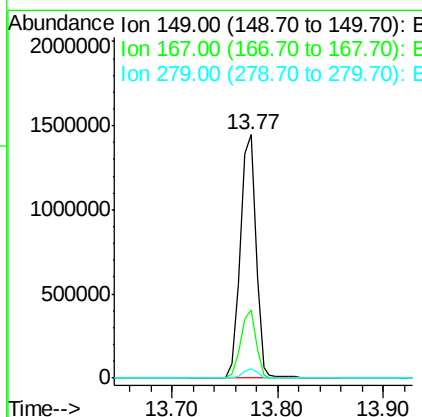
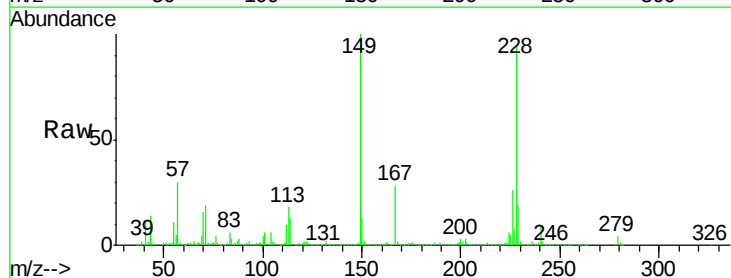
Instrument :
 BNA_F
 ClientSampleId :

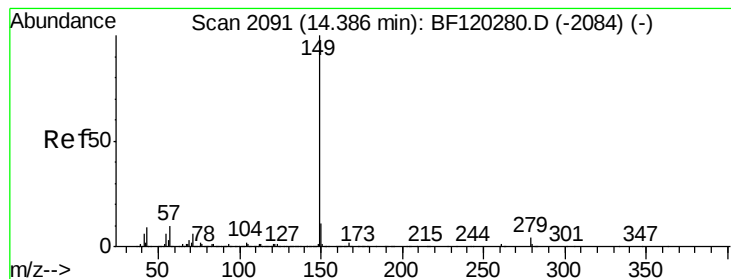
Tot Ion:228 Resp: 1831491
 Ion Ratio Lower Upper
 228 100
 226 30.8 25.0 37.6
 229 20.2 16.2 24.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.487 ng
 RT: 13.77 min Scan# 1987
 Delta R.T. 0.01 min
 Lab File: BF120300.D
 Acq: 14 May 2020 19:38

Tgt Ion:149 Resp: 1466335
 Ion Ratio Lower Upper
 149 100
 167 27.9 21.8 32.8
 279 3.9 2.8 4.2





#85

Di-n-octyl phthalate

Concen: 42.065 ng

RT: 14.39 min Scan# 2091

Delta R.T. 0.00 min

Lab File: BF120300.D

Acq: 14 May 2020 19:38

Instrument :

BNA_F

ClientSampleId :

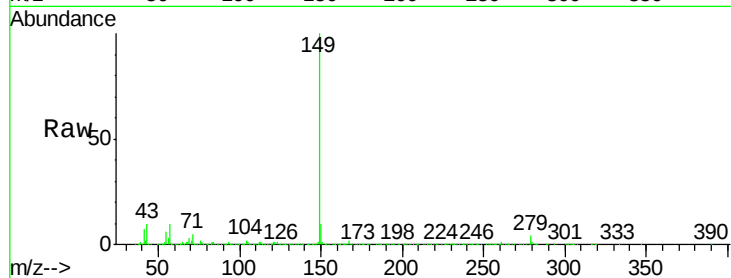
Tot Ion:149 Resp: 2439476

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

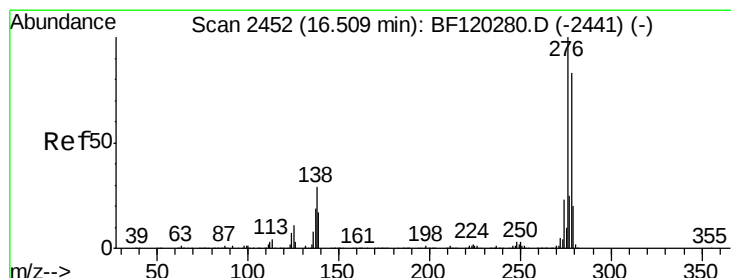
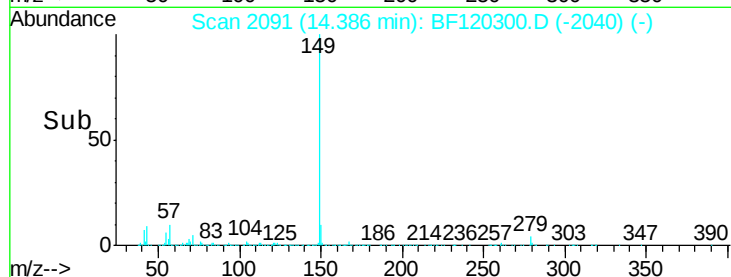
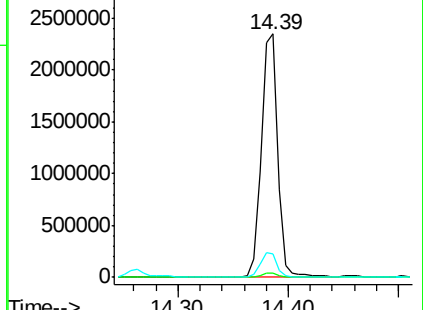
43 10.0 7.5 11.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 46.277 ng

RT: 16.51 min Scan# 2452

Delta R.T. 0.00 min

Lab File: BF120300.D

Acq: 14 May 2020 19:38

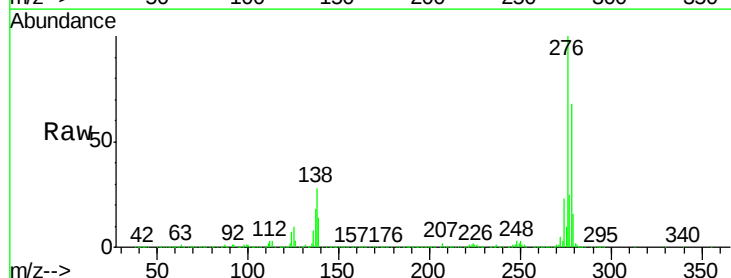
Tgt Ion:276 Resp: 1836033

Ion Ratio Lower Upper

276 100

138 28.6 23.3 34.9

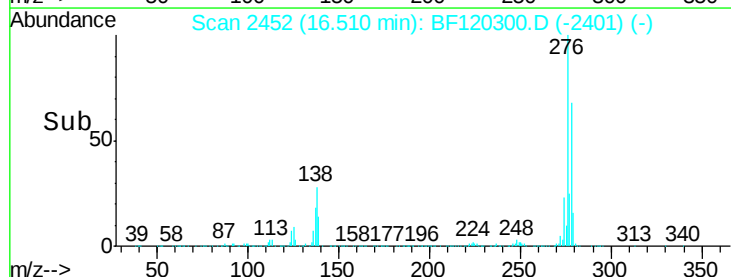
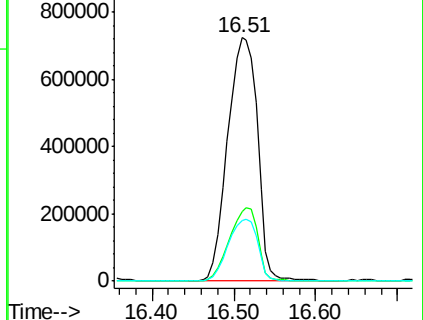
277 25.3 20.2 30.4

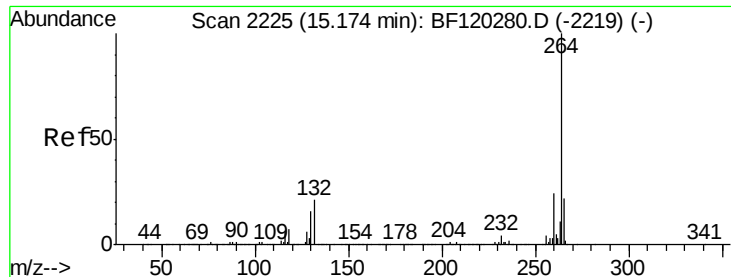


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

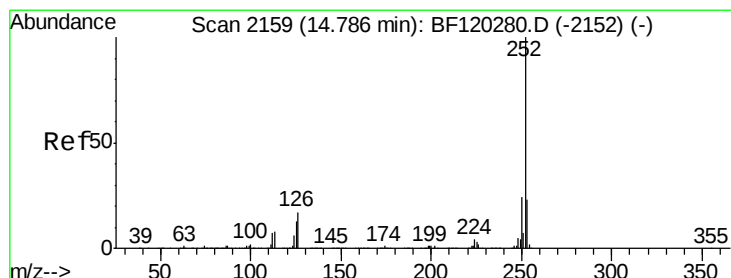
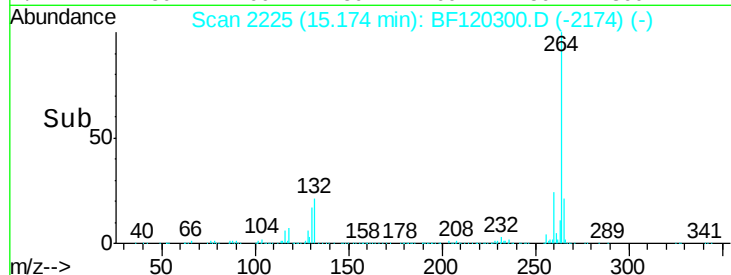
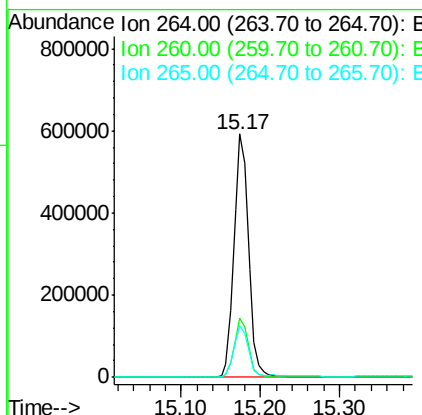
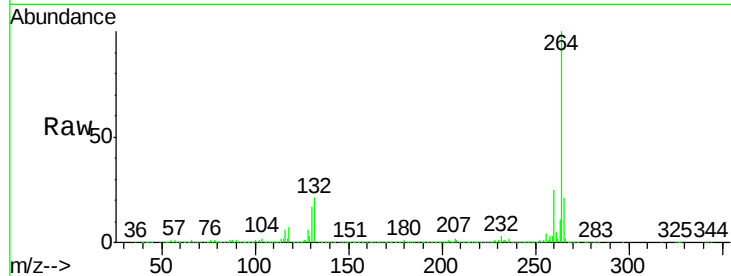




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.17 min Scan# 2225
Delta R.T. 0.00 min
Lab File: BF120300.D
Acq: 14 May 2020 19:38

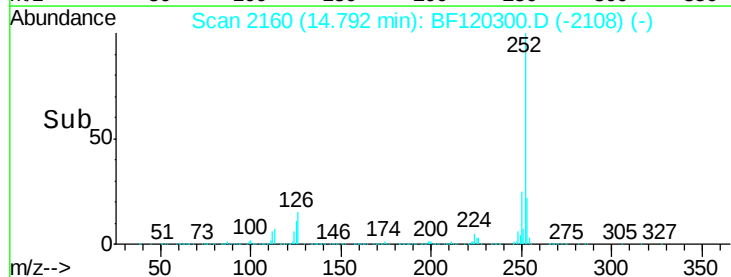
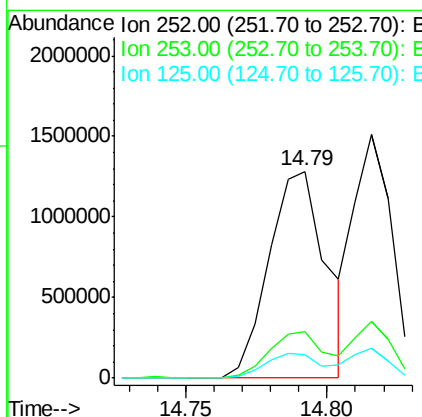
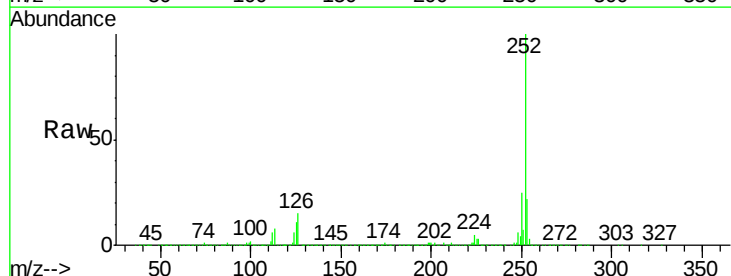
Instrument :
BNA_F
ClientSampleId :

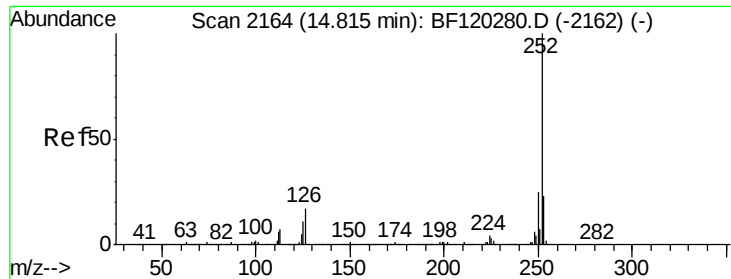
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.0	28.6
265	21.1	17.5	26.3



#88
Benzo(b)fluoranthene
Concen: 43.335 ng
RT: 14.79 min Scan# 2160
Delta R.T. 0.01 min
Lab File: BF120300.D
Acq: 14 May 2020 19:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	11.3	10.4	15.6

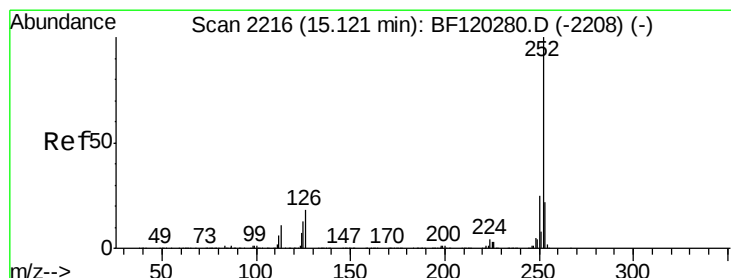
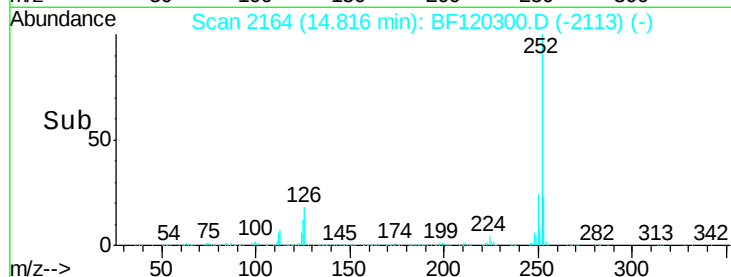
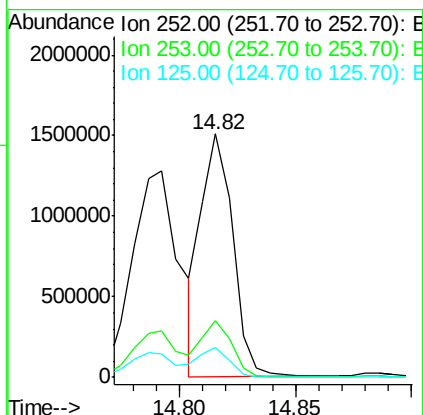
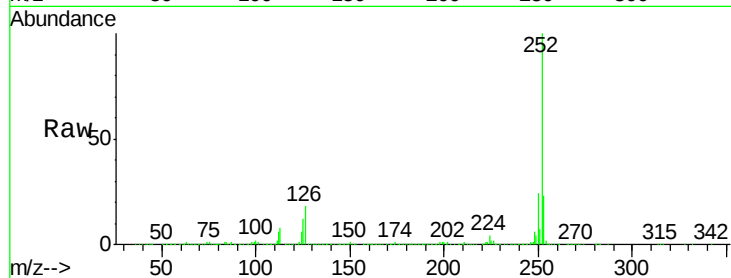




#89
Benzo(k)fluoranthene
Concen: 39.655 ng
RT: 14.82 min Scan# 2164
Delta R.T. 0.00 min
Lab File: BF120300.D
Acq: 14 May 2020 19:38

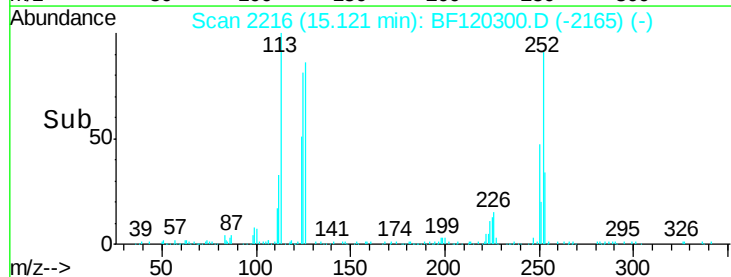
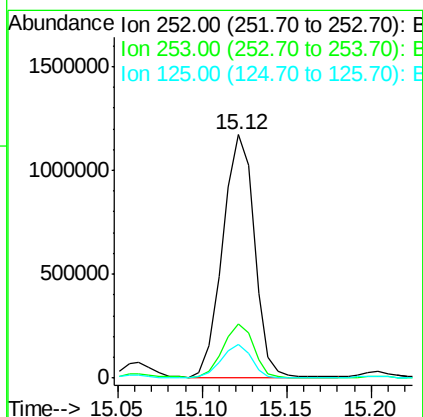
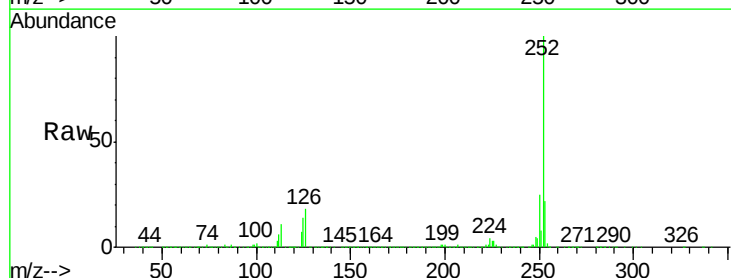
Instrument :
BNA_F
ClientSampleId :

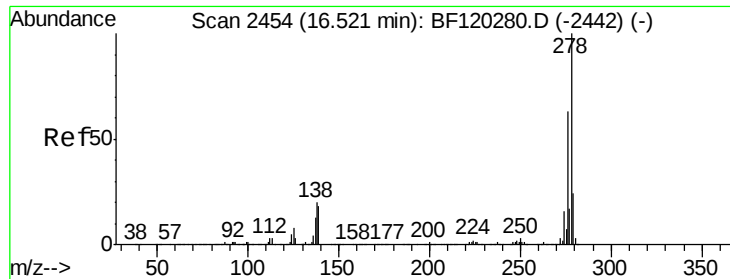
Tot Ion:252 Resp: 1426786
Ion Ratio Lower Upper
252 100
253 23.3 18.2 27.2
125 12.4 9.9 14.9



#90
Benzo(a)pyrene
Concen: 41.252 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BF120300.D
Acq: 14 May 2020 19:38

Tgt Ion:252 Resp: 1536415
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 13.6 10.6 16.0





#91

Dibenzo(a,h)anthracene

Concen: 44.934 ng

RT: 16.52 min Scan# 2454

Delta R.T. 0.00 min

Lab File: BF120300.D

Acq: 14 May 2020 19:38

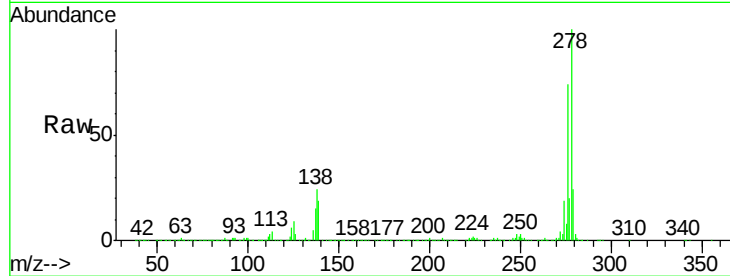
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 1482597

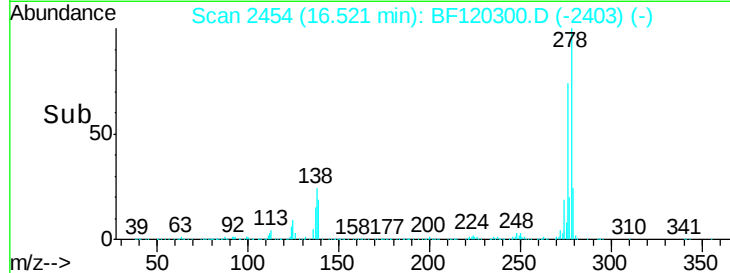
Ion	Ratio	Lower	Upper
278	100		
139	18.9	14.7	22.1
279	23.7	19.2	28.8



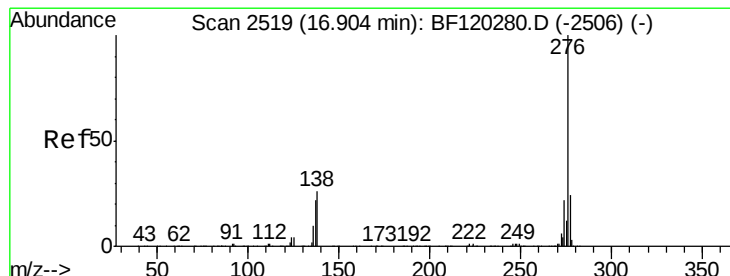
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#92

Benzo(g,h,i)perylene

Concen: 47.818 ng

RT: 16.91 min Scan# 2520

Delta R.T. 0.01 min

Lab File: BF120300.D

Acq: 14 May 2020 19:38

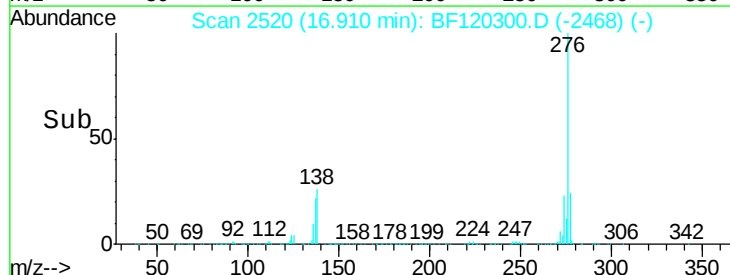
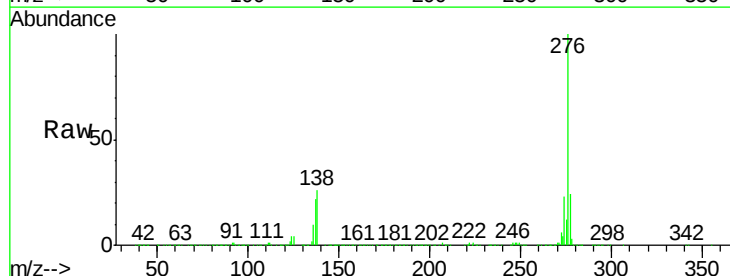
Tgt Ion:276 Resp: 1591009

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.1	28.7
138	25.9	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



Time-->