

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051820\
 Data File : BF120354.D
 Acq On : 18 May 2020 20:55
 Operator : MA/SJ
 Sample : L2506-08MSD 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 19 00:25:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 18 15:23:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	272045	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	1010268	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	453213	20.00	ng	0.00
64) Phenanthrene-d10	11.12	188	692270	20.00	ng	0.00
76) Chrysene-d12	13.76	240	571143	20.00	ng	0.00
87) Perylene-d12	15.15	264	532226	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	777022	55.57	ng	0.00
7) Phenol-d6	6.26	99	981777	55.53	ng	0.00
23) Nitrobenzene-d5	7.17	82	575784	39.02	ng	0.00
42) 2,4,6-Tribromophenol	10.43	330	173120	46.85	ng	0.00
45) 2-Fluorobiphenyl	8.96	172	1086009	49.23	ng	0.00
79) Terphenyl-d14	12.72	244	1005897	38.91	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.21	88	123218	22.154	ng	98
3) Pyridine	2.89	79	201158	11.506	ng	95
4) n-Nitrosodimethylamine	2.82	42	134806	19.692	ng	# 90
6) Aniline	6.27	93	282004	12.471	ng	# 34
8) 2-Chlorophenol	6.39	128	299561	18.375	ng	97
9) Benzaldehyde	6.15	77	186512	17.111	ng	98
10) Phenol	6.27	94	391770	18.981	ng	86
11) bis(2-Chloroethyl)ether	6.34	93	303772	18.424	ng	100
12) 1,3-Dichlorobenzene	6.54	146	315929	18.111	ng	99
13) 1,4-Dichlorobenzene	6.62	146	328722	18.296	ng	96
14) 1,2-Dichlorobenzene	6.77	146	297241	18.372	ng	99
15) Benzyl Alcohol	6.76	79	230383	18.341	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.89	45	496380	19.104	ng	86
17) 2-Methylphenol	6.88	107	231876	16.849	ng	94
18) Hexachloroethane	7.11	117	103365	15.102	ng	98
19) n-Nitroso-di-n-propylamine	7.02	70	206677	17.842	ng	92
20) 3+4-Methylphenols	7.04	107	310478	17.352	ng	97
22) Acetophenone	7.02	105	417414	20.168	ng	99
24) Nitrobenzene	7.19	77	306944	19.329	ng	97
25) Isophorone	7.43	82	562209	18.312	ng	98
26) 2-Nitrophenol	7.51	139	151648	18.259	ng	98
27) 2,4-Dimethylphenol	7.56	122	253497	20.982	ng	95
28) bis(2-Chloroethoxy)methane	7.65	93	364431	18.885	ng	100
29) 2,4-Dichlorophenol	7.76	162	229398	18.487	ng	98
30) 1,2,4-Trichlorobenzene	7.83	180	258955	18.833	ng	96
31) Naphthalene	7.91	128	846720	19.858	ng	98
33) 4-Chloroaniline	7.97	127	209967	10.806	ng	99
34) Hexachlorobutadiene	8.03	225	145052	18.251	ng	96
35) Caprolactam	8.32	113	60347	14.866	ng	# 86
36) 4-Chloro-3-methylphenol	8.46	107	223136	16.623	ng	97
37) 2-Methylnaphthalene	8.60	142	523088	17.927	ng	99
38) 1-Methylnaphthalene	8.70	142	497660	17.585	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	259933	22.745	ng	99
41) Hexachlorocyclopentadiene	8.75	237	13953	9.342	ng	98

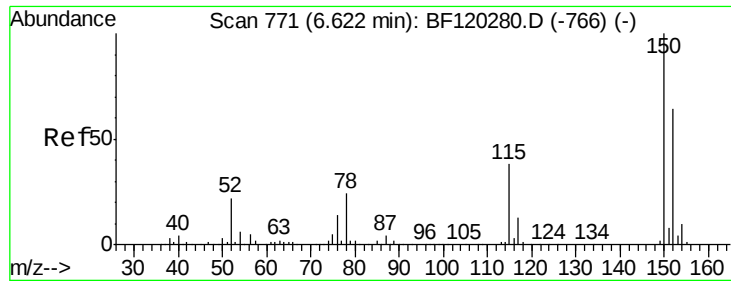
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051820\
 Data File : BF120354.D
 Acq On : 18 May 2020 20:55
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 18 15:23:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	8.89	196	160766	20.958	nq	98
44) 2,4,5-Trichlorophenol	8.94	196	163113	18.516	nq	98
46) 1,1'-Biphenyl	9.06	154	663634	22.348	nq	97
47) 2-Chloronaphthalene	9.09	162	478347	20.082	nq	97
48) 2-Nitroaniline	9.19	65	160874	18.510	nq	97
49) Acenaphthylene	9.50	152	773933	21.270	nq	98
50) Dimethylphthalate	9.37	163	703566	24.558	nq	99
51) 2,6-Dinitrotoluene	9.43	165	115253	18.024	nq	95
52) Acenaphthene	9.67	154	445587	20.430	nq	99
53) 3-Nitroaniline	9.60	138	94616	12.408	nq	94
54) 2,4-Dinitrophenol	9.72	184	13184	4.368	nq	# 69
55) Dibenzofuran	9.85	168	657870	20.946	nq	99
56) 4-Nitrophenol	9.80	139	125394	30.604	nq	93
57) 2,4-Dinitrotoluene	9.84	165	140554	18.738	nq	94
58) Fluorene	10.19	166	486467	20.338	nq	99
59) 2,3,4,6-Tetrachlorophenol	9.93	232	107776	16.257	nq	95
60) Diethylphthalate	10.07	149	546487	19.758	nq	99
61) 4-Chlorophenyl-phenylether	10.18	204	231000	18.575	nq	97
62) 4-Nitroaniline	10.22	138	100389	14.138	nq	97
63) Azobenzene	10.34	77	460772	17.626	nq	93
65) 4,6-Dinitro-2-methylphenol	10.25	198	22196	6.340	nq	83
66) n-Nitrosodiphenylamine	10.30	169	422955	22.084	nq	99
67) 4-Bromophenyl-phenylether	10.67	248	124391	18.517	nq	97
68) Hexachlorobenzene	10.73	284	129354	18.406	nq	99
69) Atrazine	10.83	200	105754	18.453	nq	97
70) Pentachlorophenol	10.94	266	101127	33.833	nq	99
71) Phenanthrene	11.14	178	809257	27.820	nq	99
72) Anthracene	11.20	178	711939	22.862	nq	98
73) Carbazole	11.36	167	557488	19.160	nq	99
74) Di-n-butylphthalate	11.70	149	736231	20.995	nq	97
75) Fluoranthene	12.34	202	1075923	34.508	nq	93
77) Benzidine	12.49	184	168053	10.076	nq	96
78) Pyrene	12.57	202	1452550	35.674	nq	99
80) Butylbenzylphthalate	13.19	149	331553	17.293	nq	98
81) Benzo(a)anthracene	13.75	228	978652	32.487	nq	99
82) 3,3'-Dichlorobenzidine	13.72	252	160602	14.147	nq	97
83) Chrysene	13.79	228	990576	30.623	nq	99
84) Bis(2-ethylhexyl)phthalate	13.75	149	433207	18.161	nq	98
85) Di-n-octyl phthalate	14.36	149	803351	18.720	nq	99
86) Indeno(1,2,3-cd)pyrene	16.46	276	494558	16.845	nq	97
88) Benzo(b)fluoranthene	14.76	252	858450	29.534	nq	99
89) Benzo(k)fluoranthene	14.79	252	716109	28.437	nq	99
90) Benzo(a)pyrene	15.09	252	765555	29.368	nq	100
91) Dibenzo(a,h)anthracene	16.47	278	356005	15.416	nq	100
92) Benzo(g,h,i)perylene	16.86	276	424181	18.215	nq	98

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

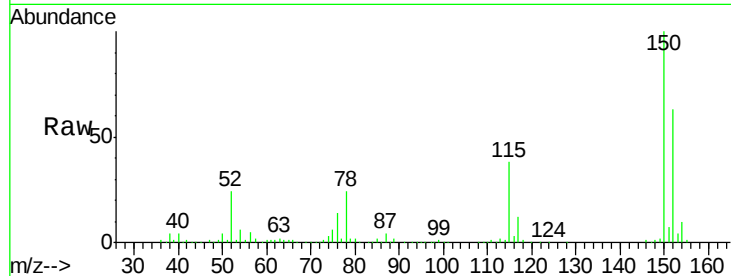


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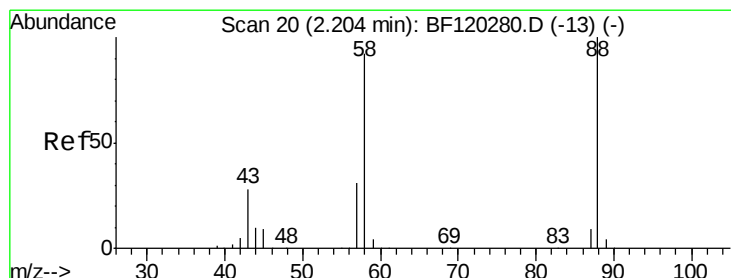
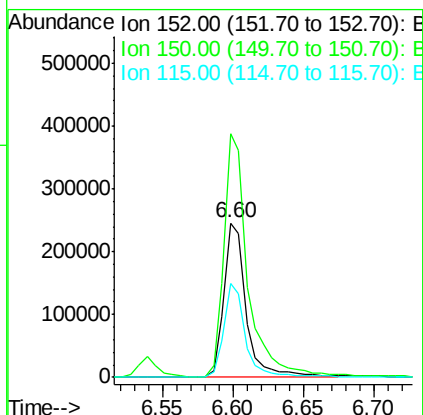
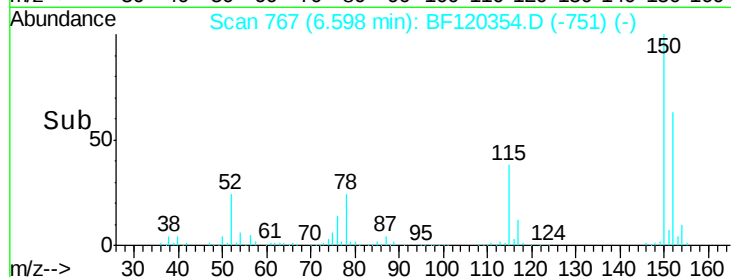
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.01 min
Lab File: BF120354.D
Acq: 18 May 2020 20:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 272045
Ion Ratio Lower Upper
152 100
150 157.9 126.2 189.2
115 60.7 47.9 71.9



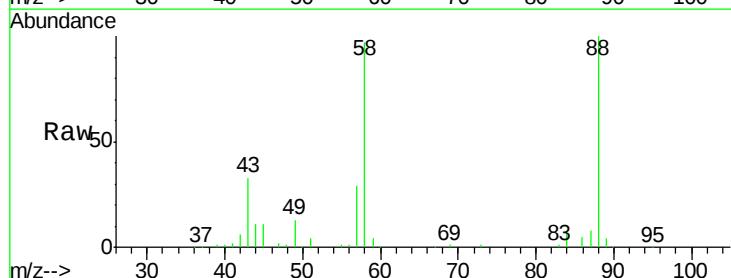
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



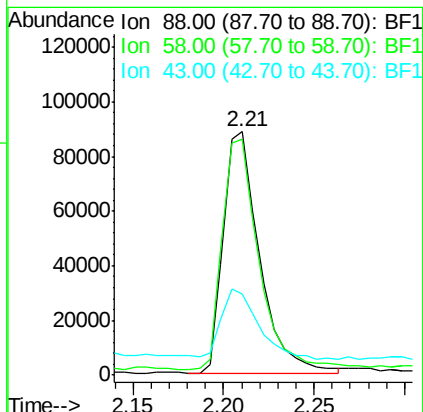
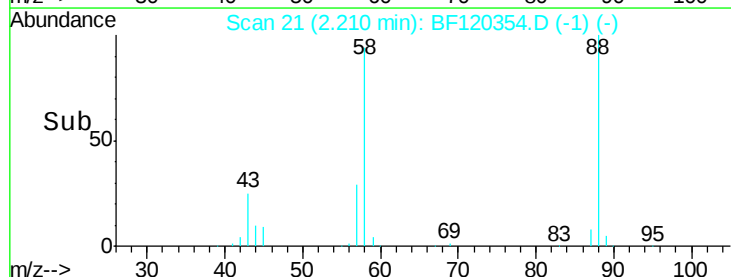
#2

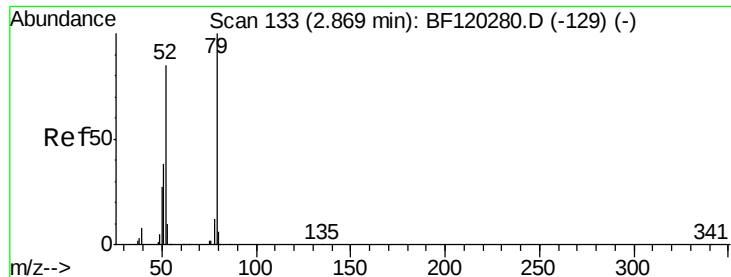
1,4-Dioxane
Concen: 22.154 ng
RT: 2.21 min Scan# 21
Delta R.T. 0.01 min
Lab File: BF120354.D
Acq: 18 May 2020 20:55

Tgt Ion: 88 Resp: 123218
Ion Ratio Lower Upper
88 100
58 97.0 75.8 113.6
43 29.4 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: 11.506 ng

RT: 2.89 min Scan# 136

Delta R.T. 0.03 min

Lab File: BF120354.D

Acq: 18 May 2020 20:55

Instrument :

BNA_F

ClientSampleId :

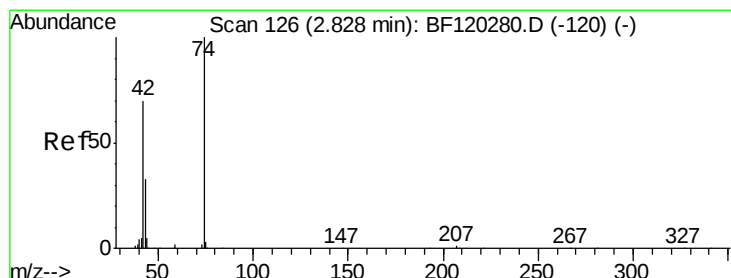
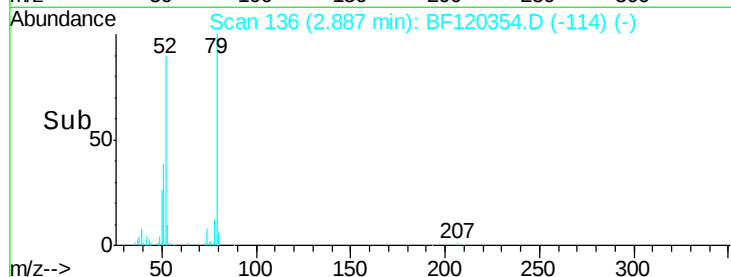
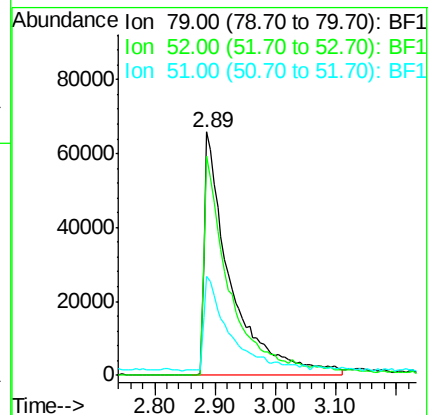
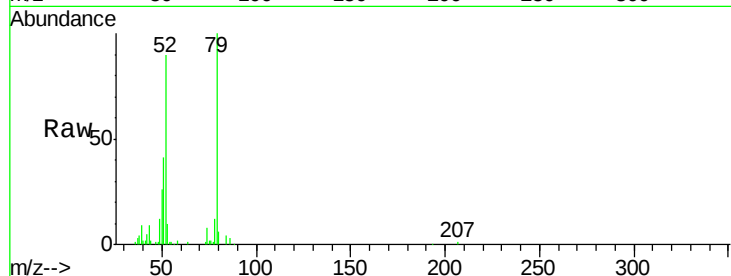
Tot Ion: 79 Resp: 201158

Ion Ratio Lower Upper

79 100

52 90.3 68.4 102.6

51 40.8 31.0 46.4



#4

n-Nitrosodimethylamine

Concen: 19.692 ng

RT: 2.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BF120354.D

Acq: 18 May 2020 20:55

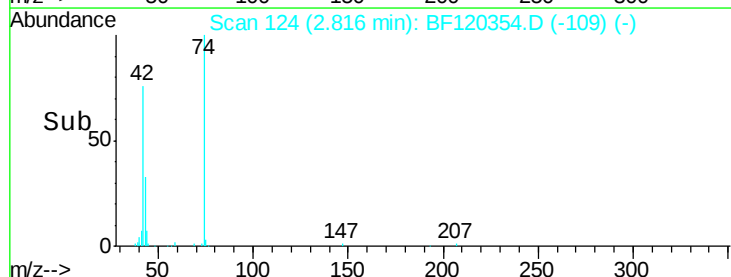
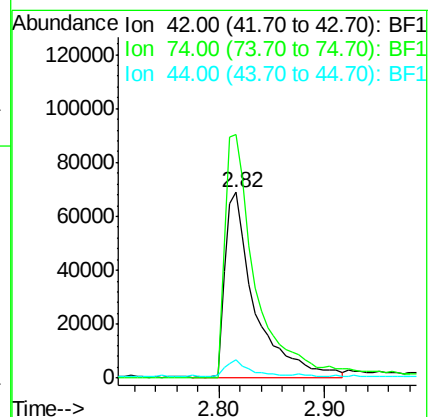
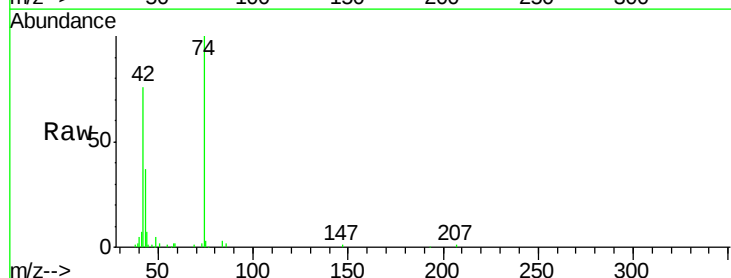
Tgt Ion: 42 Resp: 134806

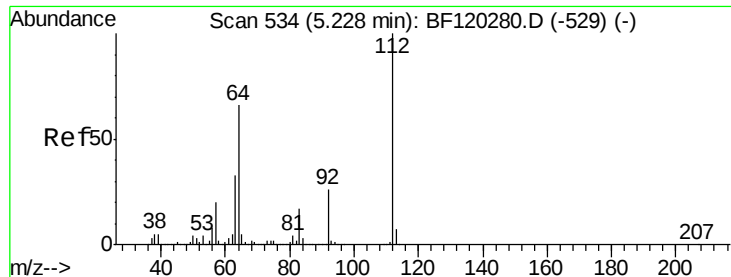
Ion Ratio Lower Upper

42 100

74 131.3 114.8 172.2

44 9.6 5.6 8.4#





#5

2-Fluorophenol

Concen: 55.574 ng

RT: 5.21 min Scan# 531

Delta R.T. -0.00 min

Lab File: BF120354.D

Acq: 18 May 2020 20:55

Instrument :

BNA_F

ClientSampleId :

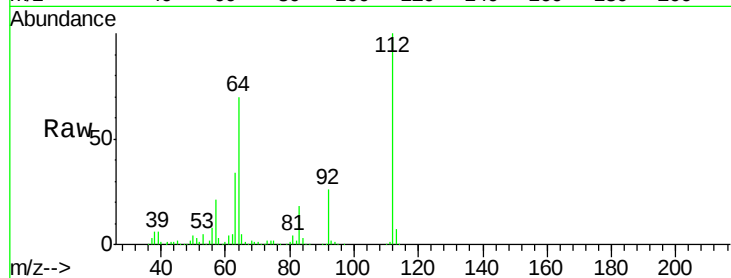
Tot Ion:112 Resp: 777022

Ion Ratio Lower Upper

112 100

64 69.8 52.7 79.1

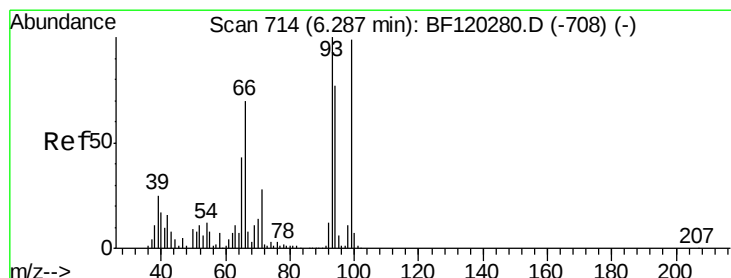
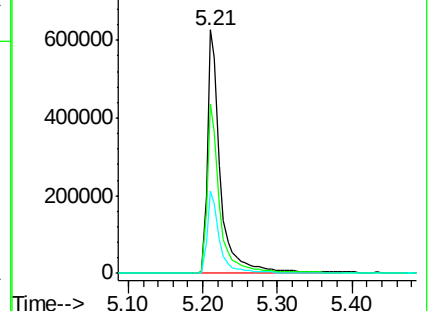
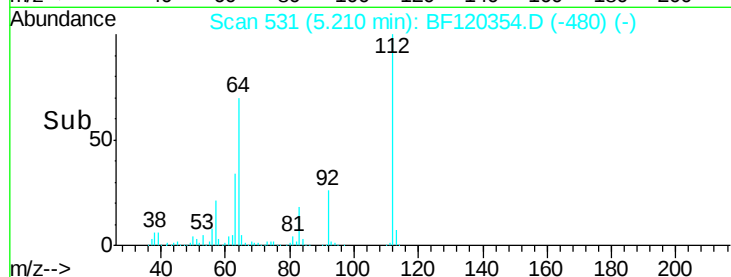
63 33.9 26.2 39.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 12.471 ng

RT: 6.27 min Scan# 712

Delta R.T. 0.01 min

Lab File: BF120354.D

Acq: 18 May 2020 20:55

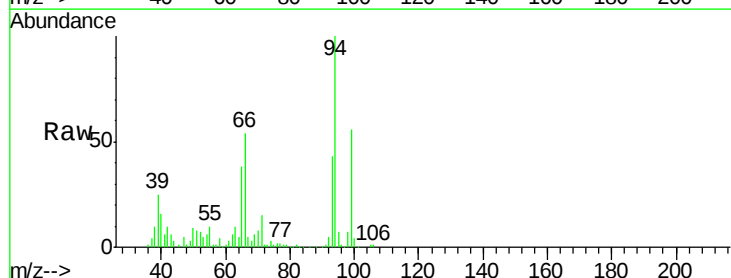
Tgt Ion: 93 Resp: 282004

Ion Ratio Lower Upper

93 100

66 123.7 56.2 84.4#

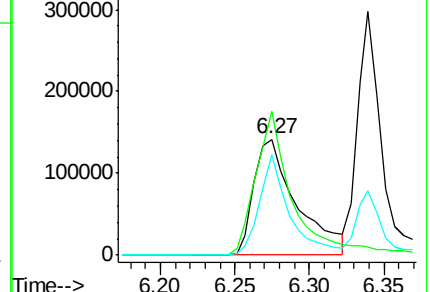
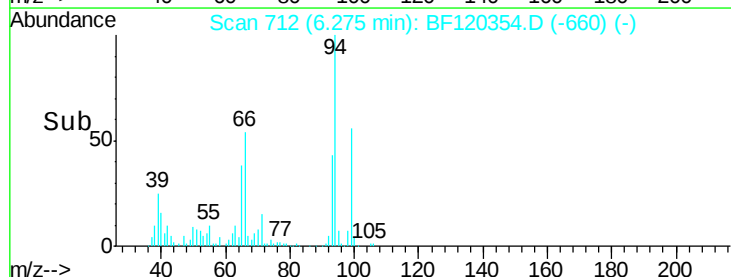
65 86.8 34.2 51.2#

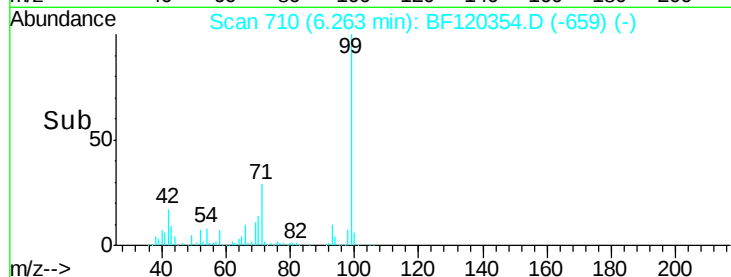
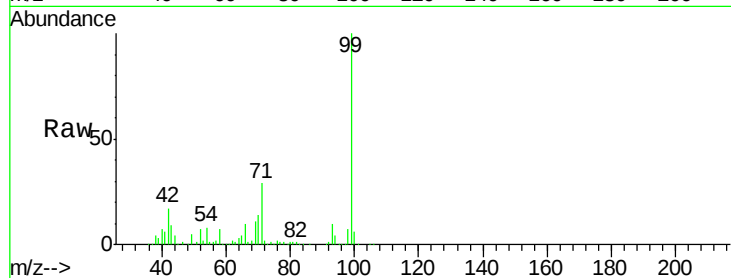
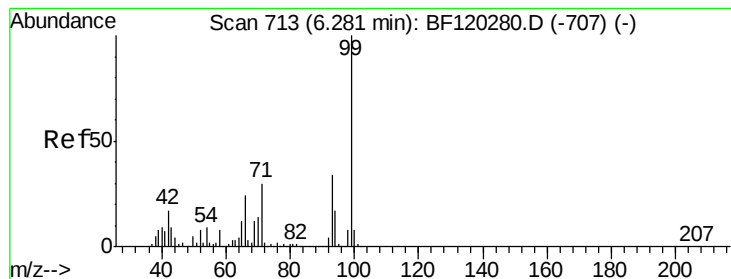


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 55.526 ng

RT: 6.26 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF120354.D

Acq: 18 May 2020 20:55

Instrument :

BNA_F

ClientSampled :

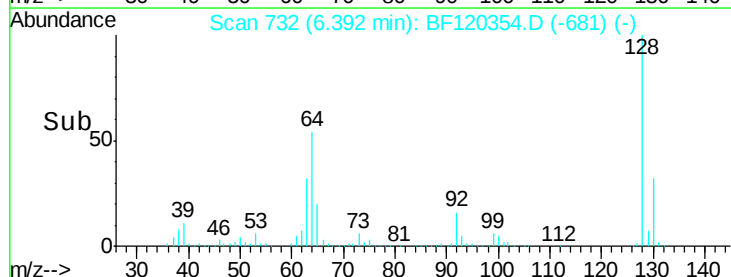
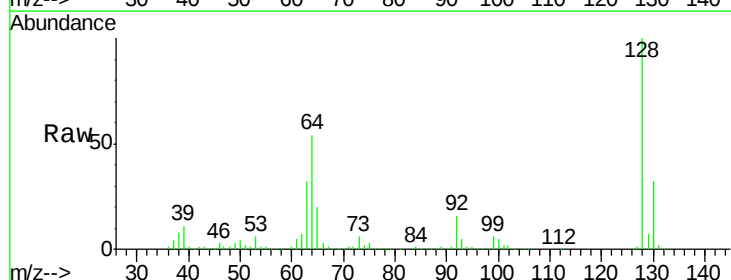
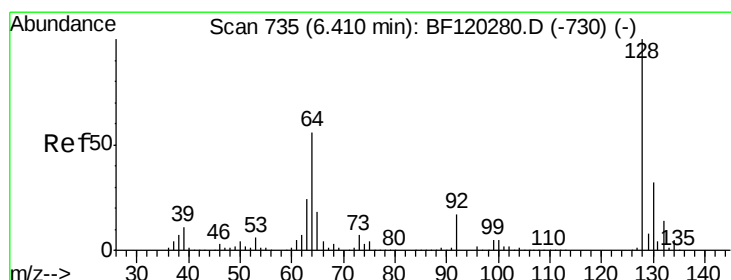
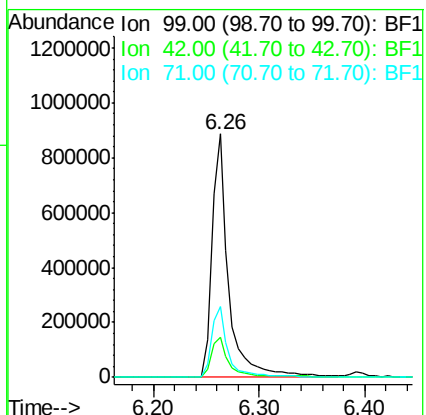
Tot Ion: 99 Resp: 981777

Ion Ratio Lower Upper

99 100

42 16.6 13.6 20.4

71 29.2 24.2 36.4



#8

2-Chlorophenol

Concen: 18.375 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF120354.D

Acq: 18 May 2020 20:55

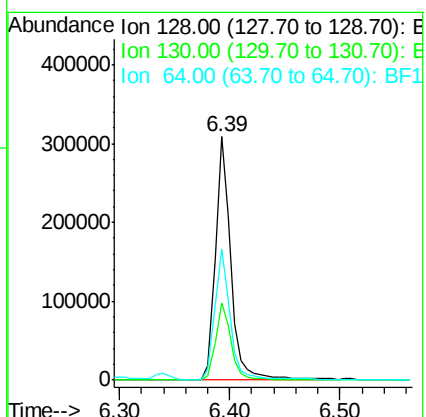
Tgt Ion: 128 Resp: 299561

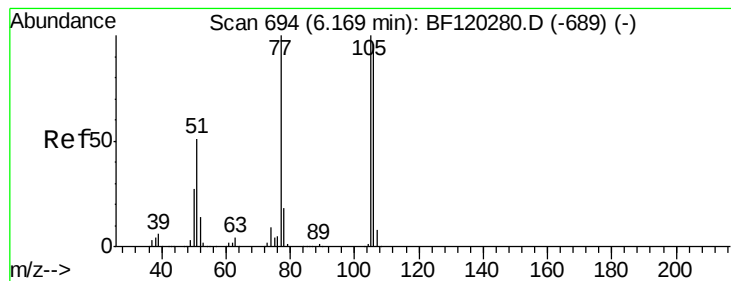
Ion Ratio Lower Upper

128 100

130 31.9 12.4 52.4

64 53.8 36.7 76.7





#9

Benzaldehyde

Concen: 17.111 ng

RT: 6.15 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF120354.D

Acq: 18 May 2020 20:55

Instrument :

BNA_F

ClientSampleId :

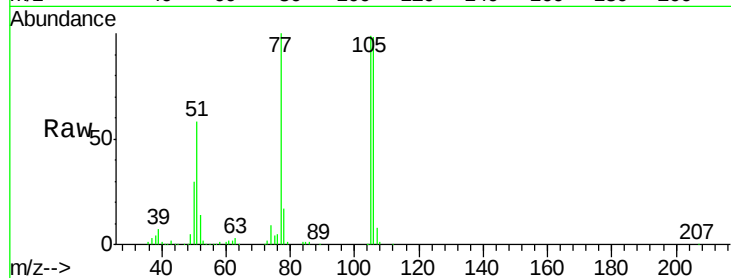
Tot Ion: 77 Resp: 186512

Ion Ratio Lower Upper

77 100

105 98.8 79.9 119.9

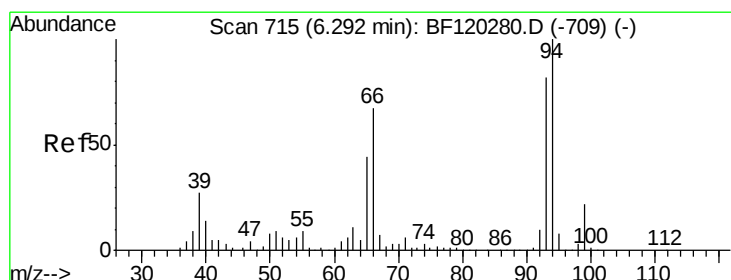
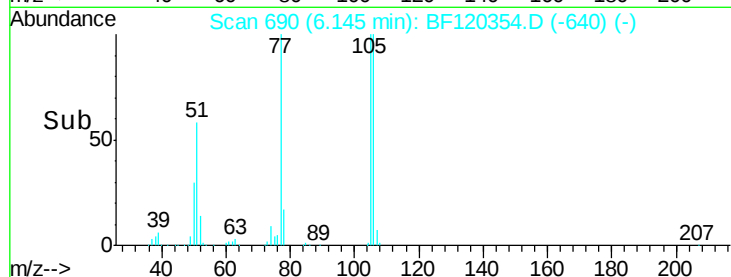
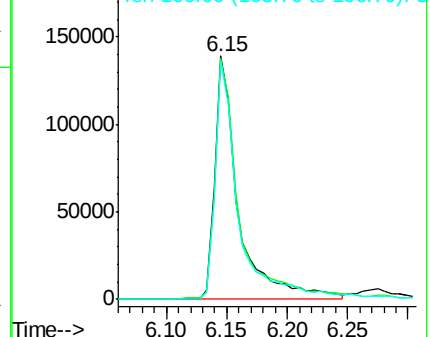
106 98.0 75.7 115.7



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: 18.981 ng

RT: 6.27 min Scan# 712

Delta R.T. -0.00 min

Lab File: BF120354.D

Acq: 18 May 2020 20:55

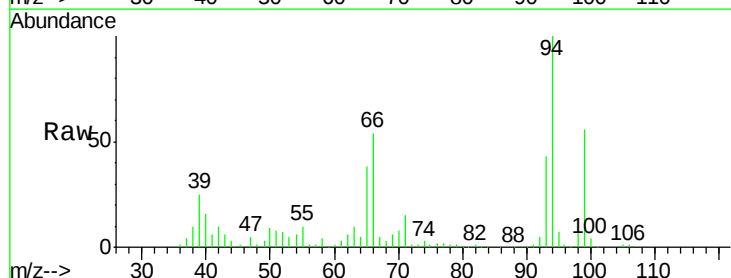
Tgt Ion: 94 Resp: 391770

Ion Ratio Lower Upper

94 100

65 37.7 24.1 64.1

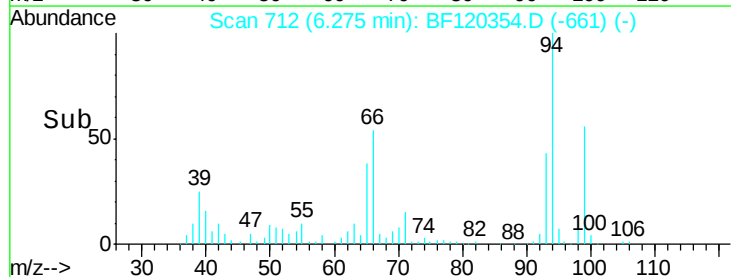
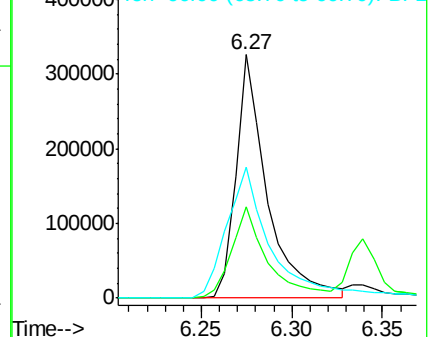
66 53.8 47.5 87.5

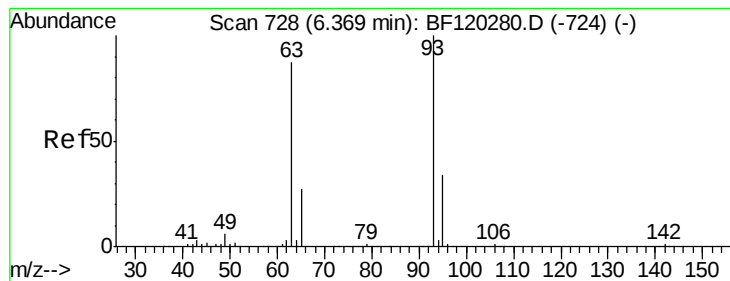


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

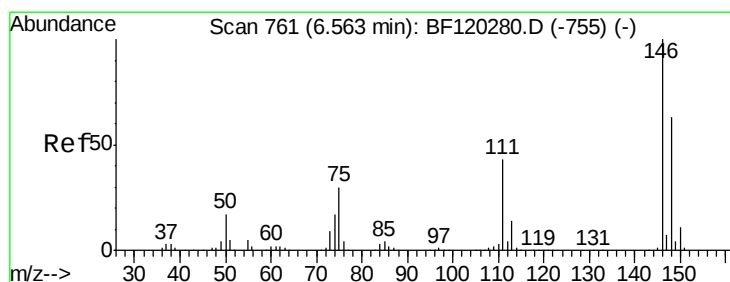
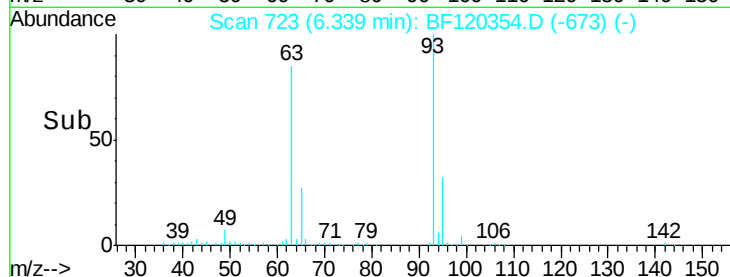
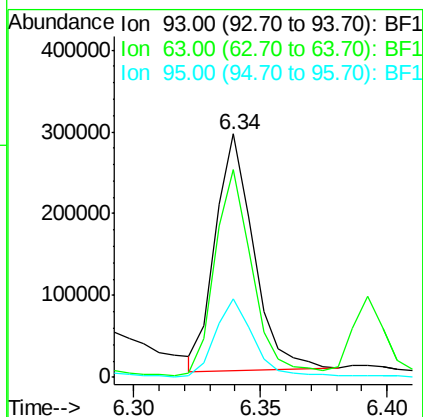
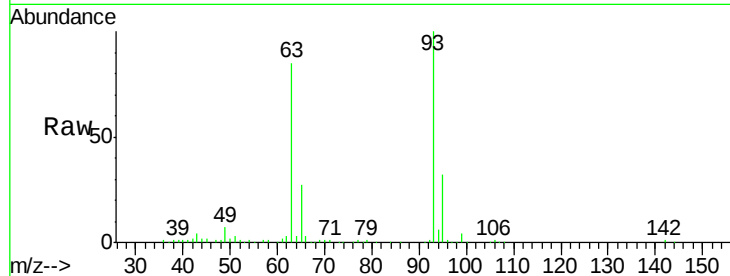




#11
 bis(2-Chloroethyl)ether
 Concen: 18.424 ng
 RT: 6.34 min Scan# 723
 Delta R.T. -0.01 min
 Lab File: BF120354.D
 Acq: 18 May 2020 20:55

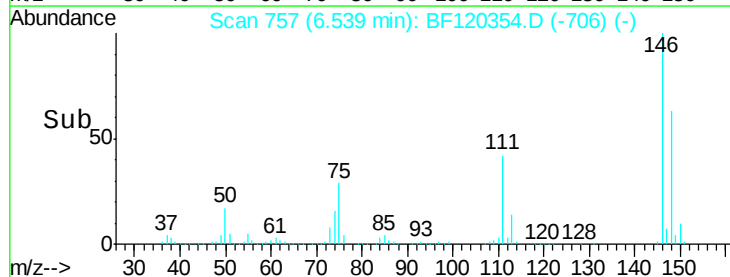
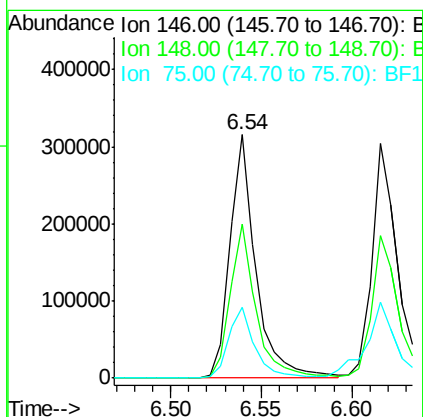
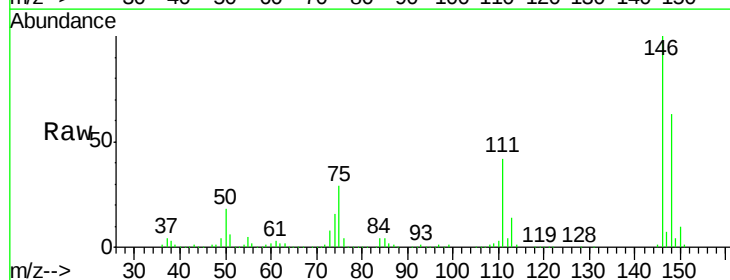
Instrument :
 BNA_F
 ClientSampleId :

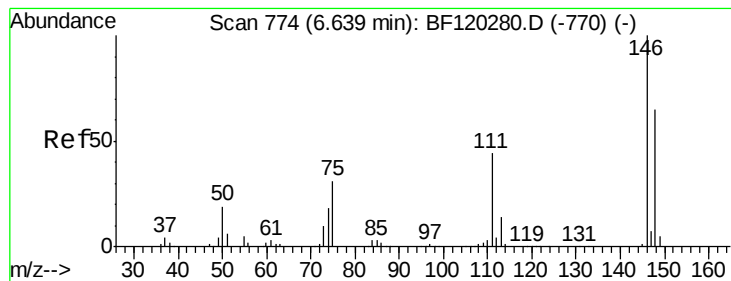
Tot Ion: 93 Resp: 303772
 Ion Ratio Lower Upper
 93 100
 63 85.2 65.4 105.4
 95 32.3 12.9 52.9



#12
 1,3-Dichlorobenzene
 Concen: 18.111 ng
 RT: 6.54 min Scan# 757
 Delta R.T. -0.00 min
 Lab File: BF120354.D
 Acq: 18 May 2020 20:55

Tgt Ion: 146 Resp: 315929
 Ion Ratio Lower Upper
 146 100
 148 63.1 50.5 75.7
 75 29.1 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 18.296 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.01 min

Lab File: BF120354.D

Acq: 18 May 2020 20:55

Instrument :

BNA_F

ClientSampleId :

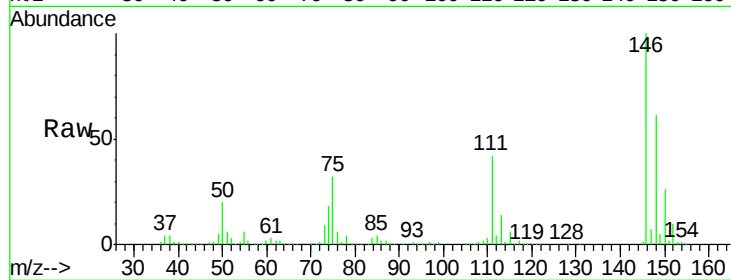
Tot Ion:146 Resp: 328722

Ion Ratio Lower Upper

146 100

148 60.9 51.6 77.4

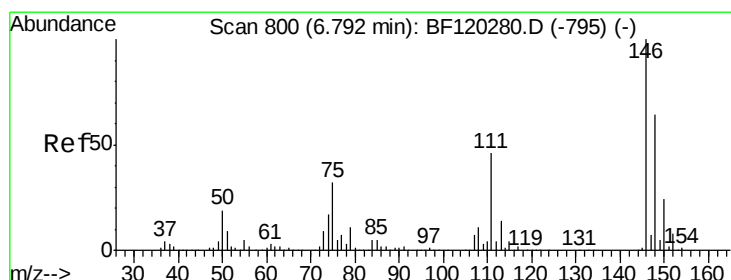
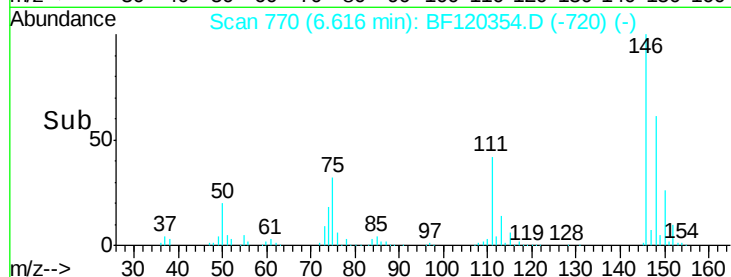
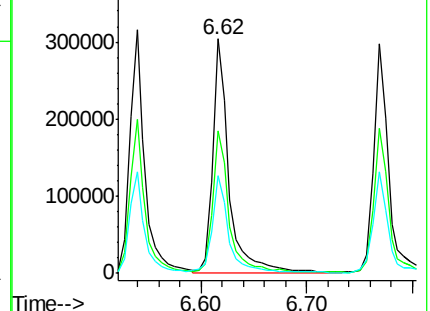
111 42.0 35.1 52.7



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: 18.372 ng

RT: 6.77 min Scan# 796

Delta R.T. -0.01 min

Lab File: BF120354.D

Acq: 18 May 2020 20:55

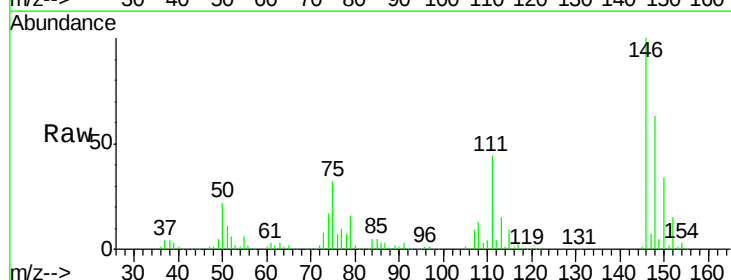
Tgt Ion:146 Resp: 297241

Ion Ratio Lower Upper

146 100

148 63.3 51.1 76.7

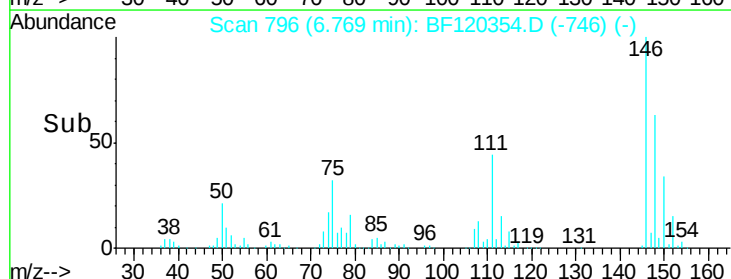
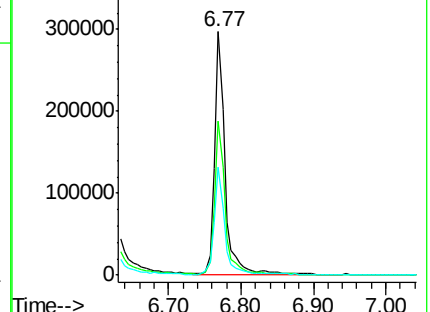
111 44.3 36.6 55.0

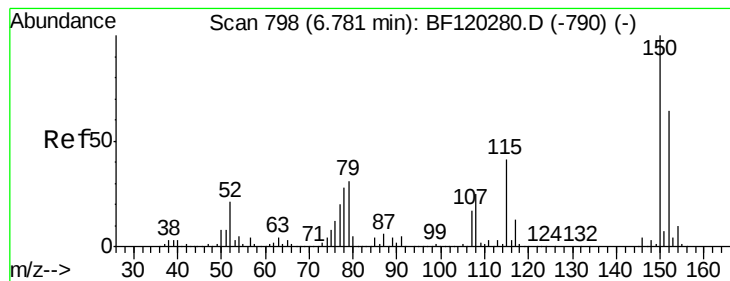


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 18.341 ng

RT: 6.76 min Scan# 794

Delta R.T. -0.00 min

Lab File: BF120354.D

Acq: 18 May 2020 20:55

Instrument :

BNA_F

ClientSampled :

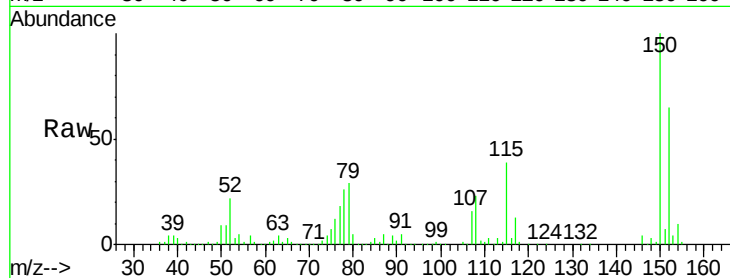
Tot Ion: 79 Resp: 230383

Ion Ratio Lower Upper

79 100

108 78.6 64.2 96.4

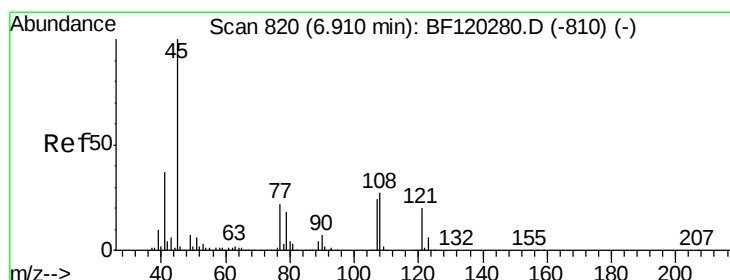
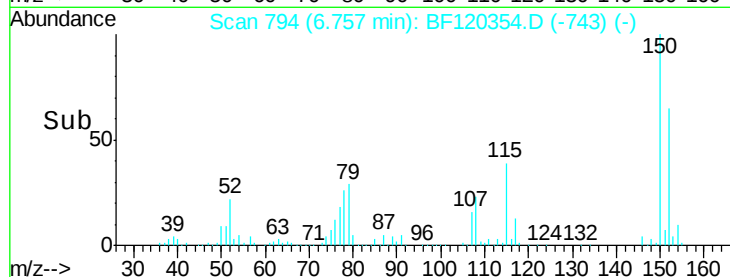
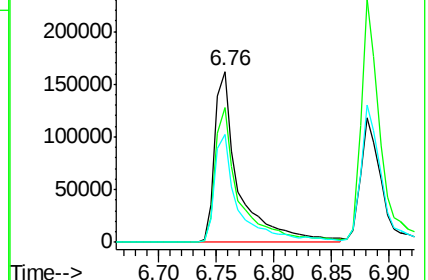
77 63.3 51.6 77.4



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: 19.104 ng

RT: 6.89 min Scan# 816

Delta R.T. -0.01 min

Lab File: BF120354.D

Acq: 18 May 2020 20:55

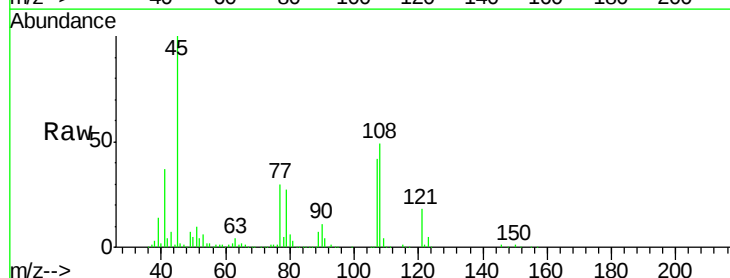
Tgt Ion: 45 Resp: 496380

Ion Ratio Lower Upper

45 100

77 29.7 3.1 43.1

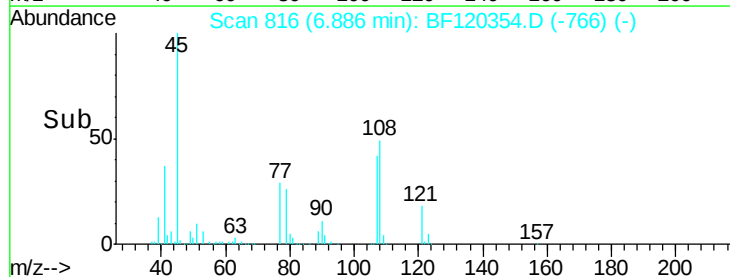
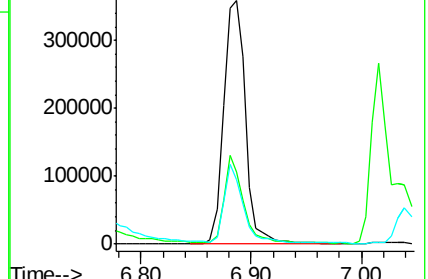
79 26.6 0.0 40.0

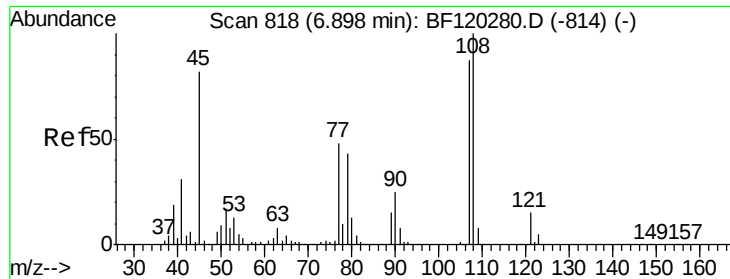


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

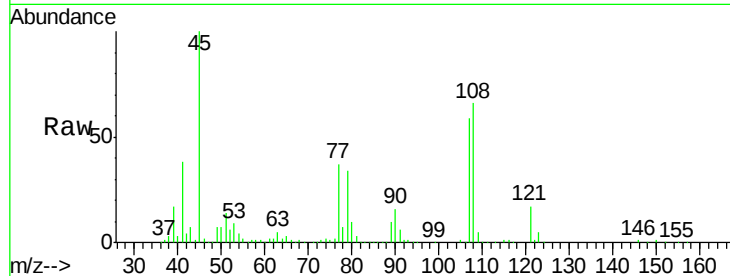




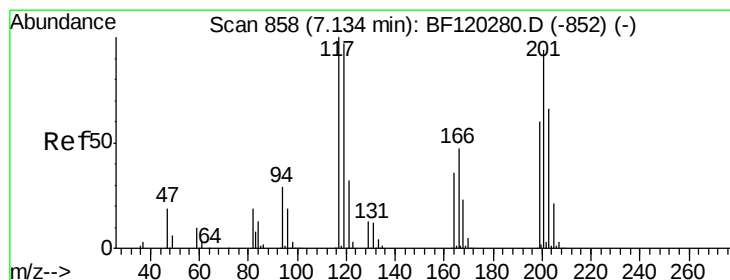
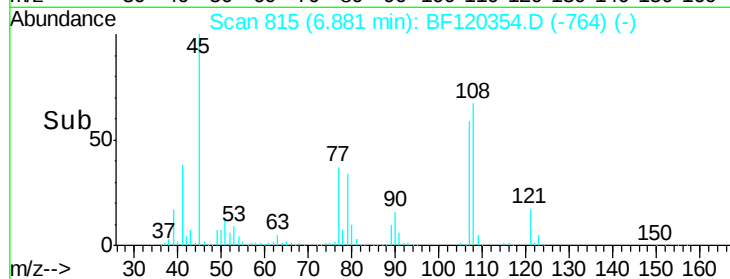
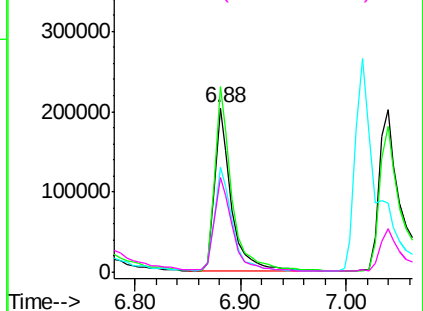
#17
2-Methylphenol
Concen: 16.849 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF120354.D
Acq: 18 May 2020 20:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:	107	Resp:	231876
Ion	Ratio	Lower	Upper
107	100		
108	112.9	92.4	138.6
77	63.7	44.5	66.7
79	57.7	40.4	60.6

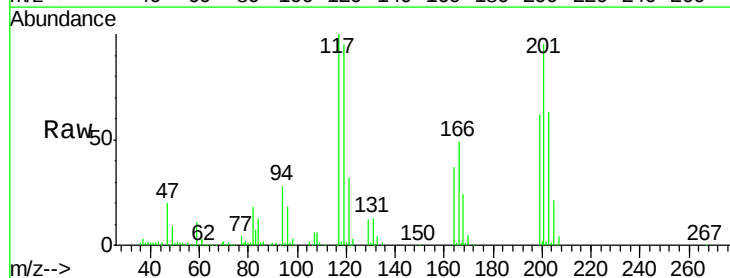


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

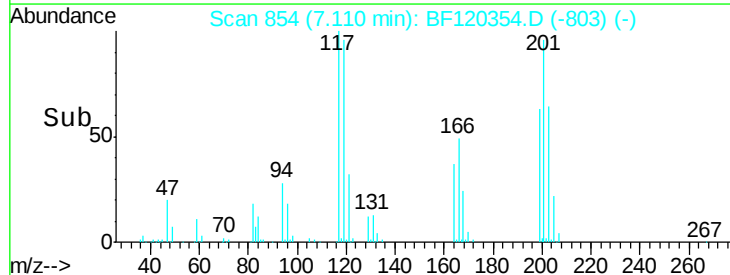
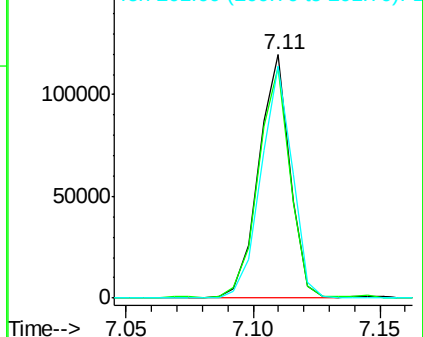


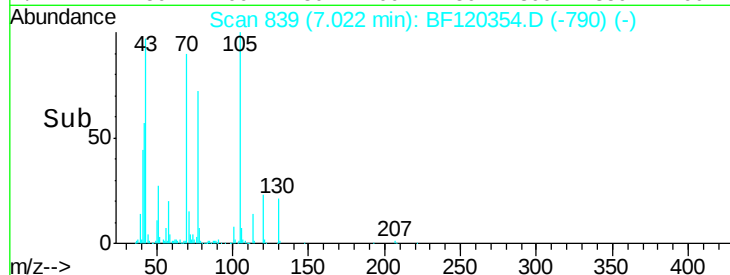
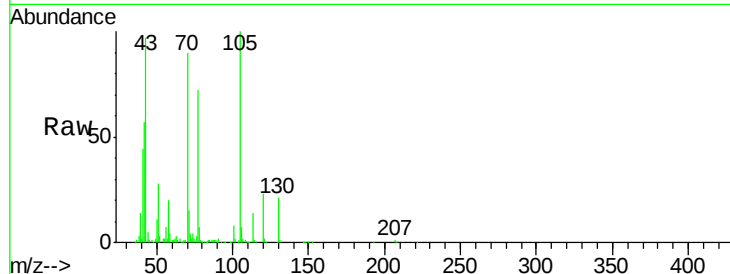
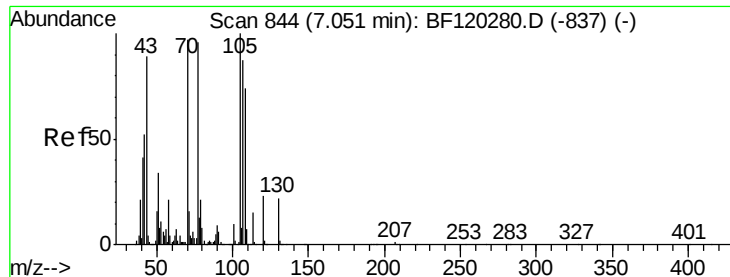
#18
Hexachloroethane
Concen: 15.102 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF120354.D
Acq: 18 May 2020 20:55

Tgt Ion:	117	Resp:	103365
Ion	Ratio	Lower	Upper
117	100		
119	94.6	77.4	116.0
201	95.3	74.9	112.3



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

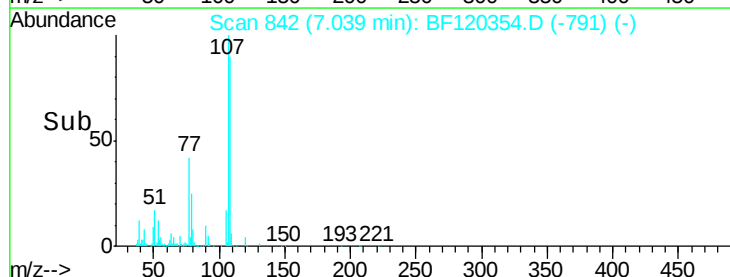
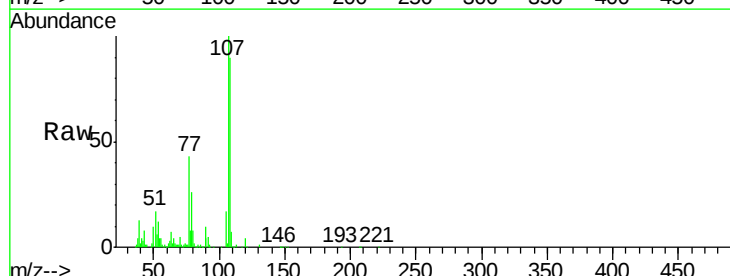
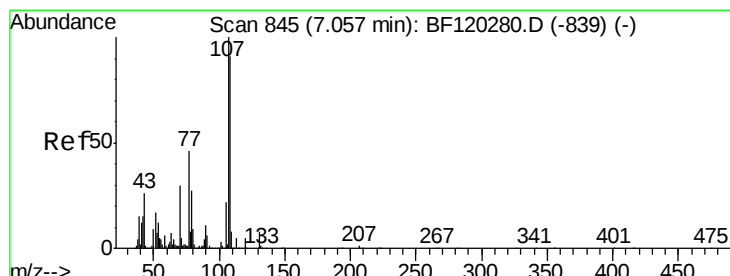
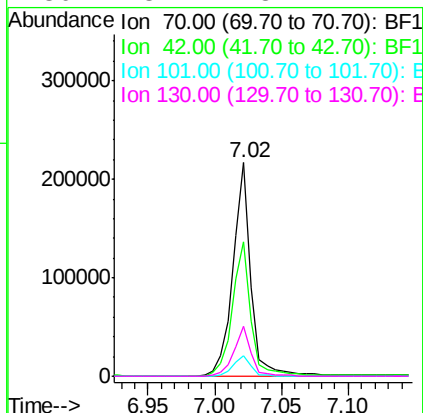




#19
n-Nitroso-di-n-propylamine
Concen: 17.842 ng
RT: 7.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF120354.D
Acq: 18 May 2020 20:55

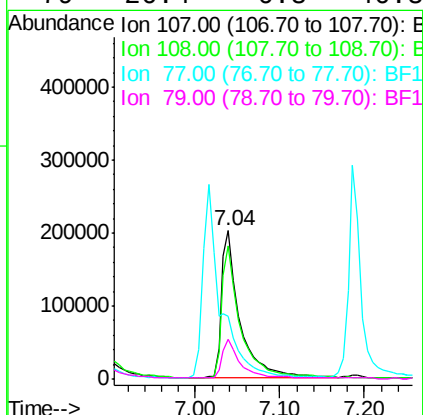
Instrument :
BNA_F
ClientSampleId :

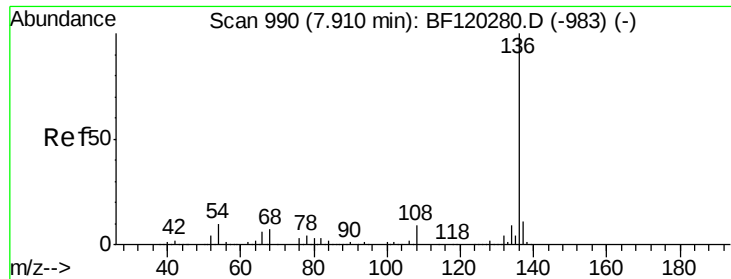
Tot Ion:	70	Resp:	206677
Ion	Ratio	Lower	Upper
70	100		
42	63.1	43.4	65.0
101	9.4	7.8	11.8
130	23.7	18.2	27.4



#20
3+4-Methylphenols
Concen: 17.352 ng
RT: 7.04 min Scan# 842
Delta R.T. -0.00 min
Lab File: BF120354.D
Acq: 18 May 2020 20:55

Tgt Ion:	107	Resp:	310478
Ion	Ratio	Lower	Upper
107	100		
108	89.8	71.1	111.1
77	42.7	28.1	68.1
79	26.4	6.8	46.8

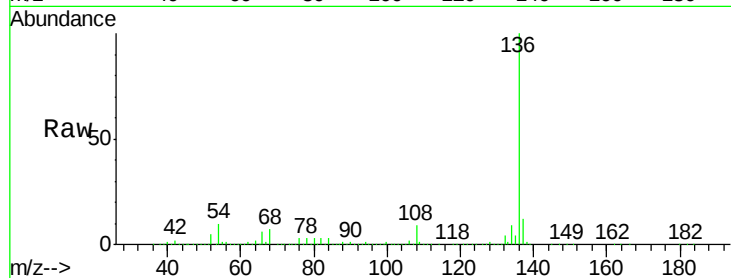




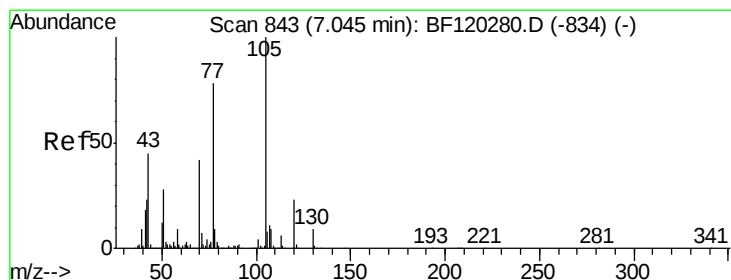
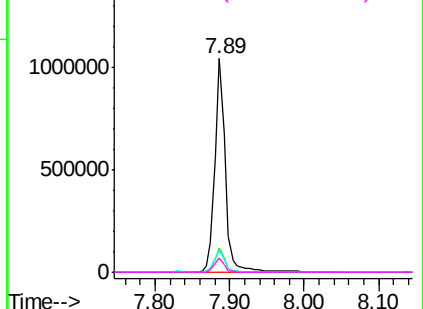
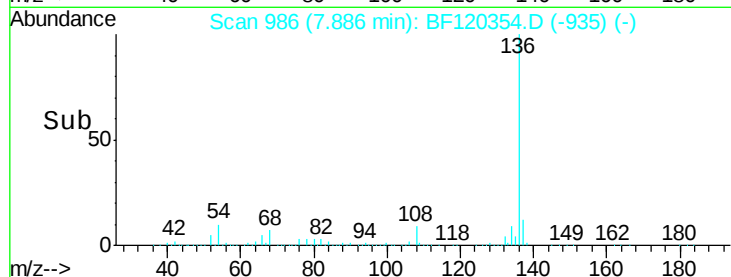
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.00 min
Lab File: BF120354.D
Acq: 18 May 2020 20:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136 Resp: 1010268
Ion Ratio Lower Upper
136 100
137 11.6 9.1 13.7
54 10.5 7.9 11.9
68 6.7 5.4 8.2

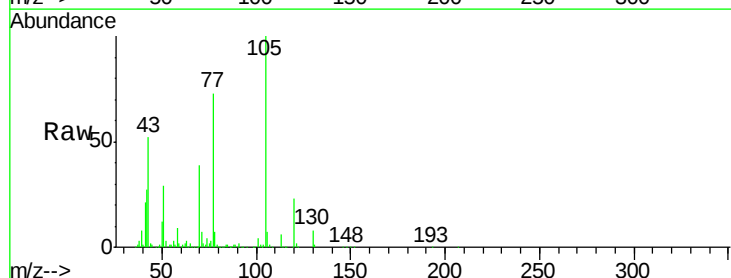


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

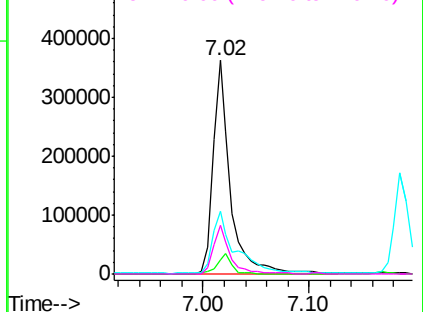
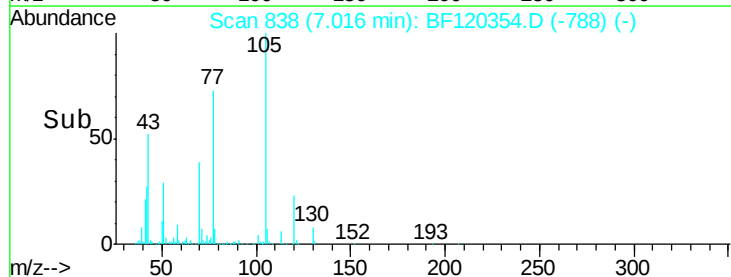


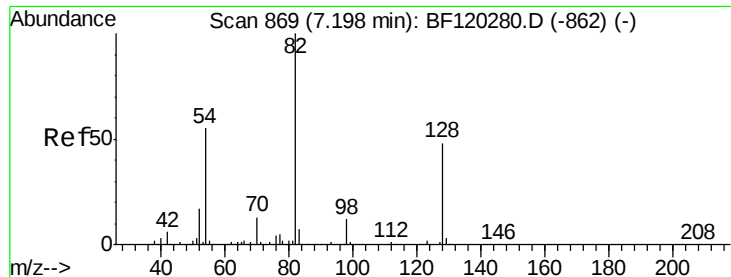
#22
Acetophenone
Concen: 20.168 ng
RT: 7.02 min Scan# 838
Delta R.T. -0.01 min
Lab File: BF120354.D
Acq: 18 May 2020 20:55

Tgt Ion:105 Resp: 417414
Ion Ratio Lower Upper
105 100
71 6.7 5.6 8.4
51 29.4 22.6 34.0
120 23.1 18.7 28.1



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

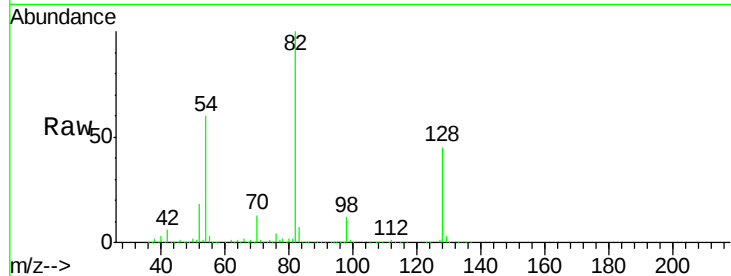




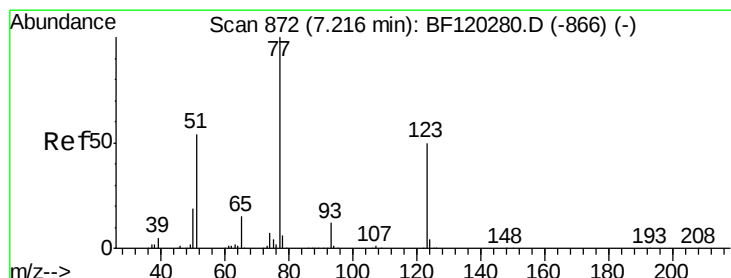
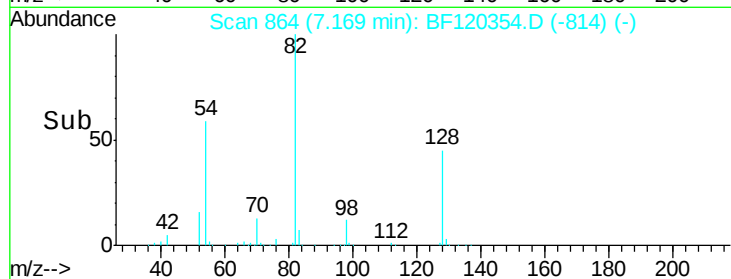
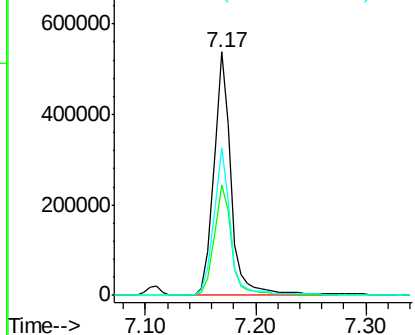
#23
 Nitrobenzene-d5
 Concen: 39.021 ng
 RT: 7.17 min Scan# 864
 Delta R.T. -0.01 min
 Lab File: BF120354.D
 Acq: 18 May 2020 20:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	575784
Ion Ratio	Lower	Upper	
82	100		
128	45.3	38.3	57.5
54	60.4	43.9	65.9

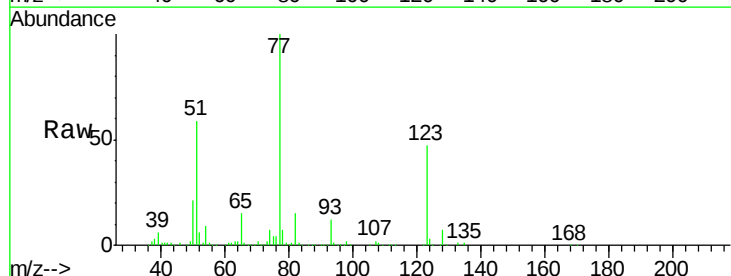


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

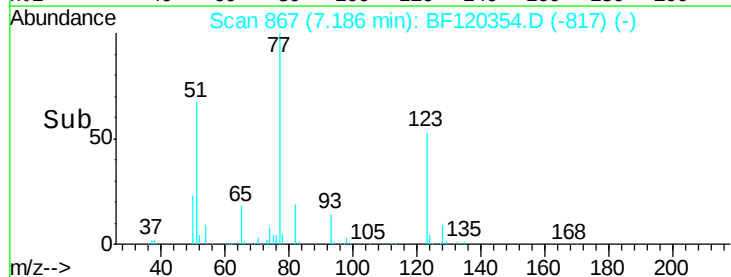
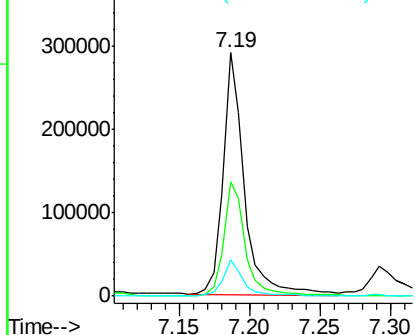


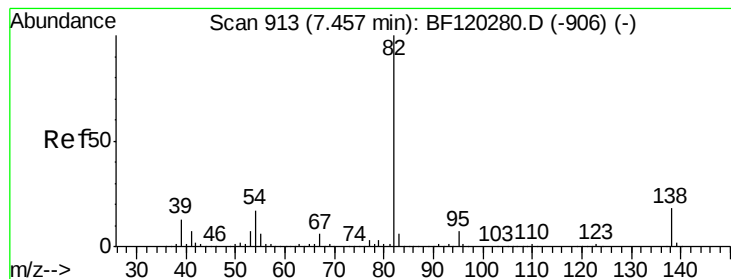
#24
 Nitrobenzene
 Concen: 19.329 ng
 RT: 7.19 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: BF120354.D
 Acq: 18 May 2020 20:55

Tgt Ion	77	Resp	306944
Ion Ratio	Lower	Upper	
77	100		
123	47.2	40.0	60.0
65	14.8	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: 18.312 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF120354.D

Acq: 18 May 2020 20:55

Instrument :

BNA_F

ClientSampleId :

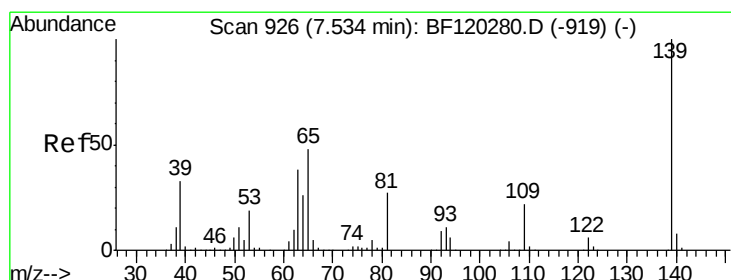
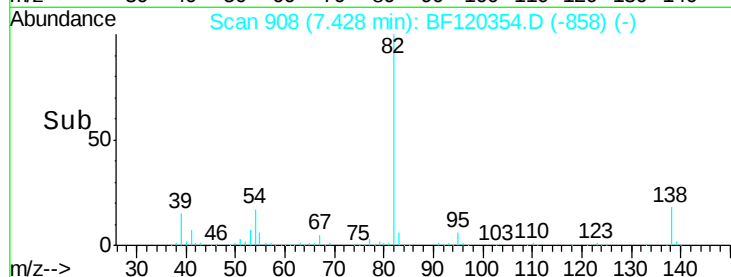
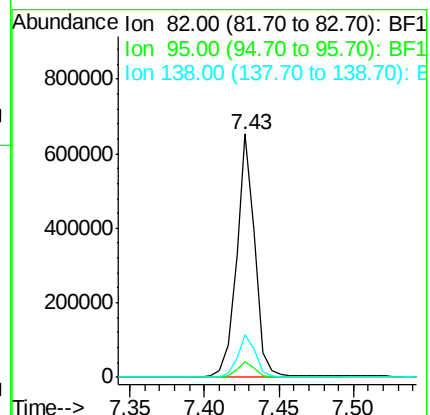
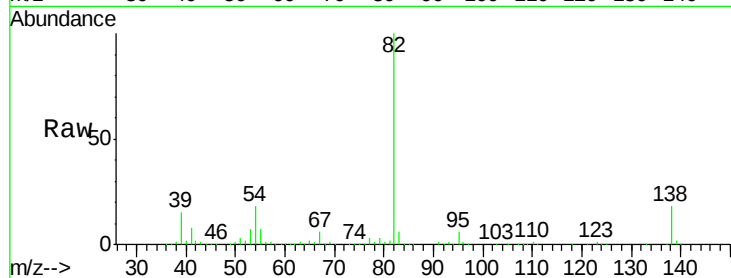
Tot Ion: 82 Resp: 562209

Ion Ratio Lower Upper

82 100

95 6.3 5.4 8.0

138 17.5 14.7 22.1



#26

2-Nitrophenol

Concen: 18.259 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.00 min

Lab File: BF120354.D

Acq: 18 May 2020 20:55

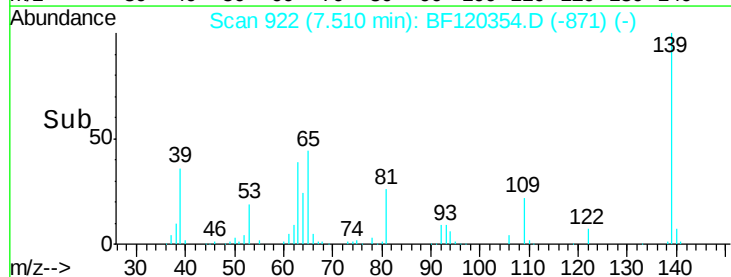
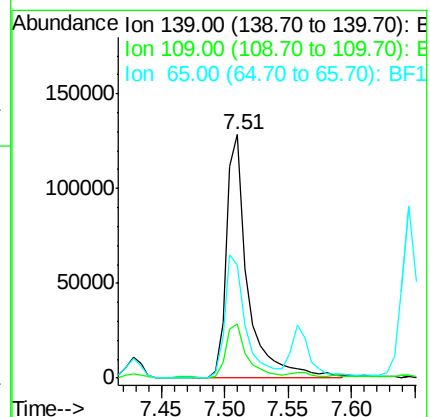
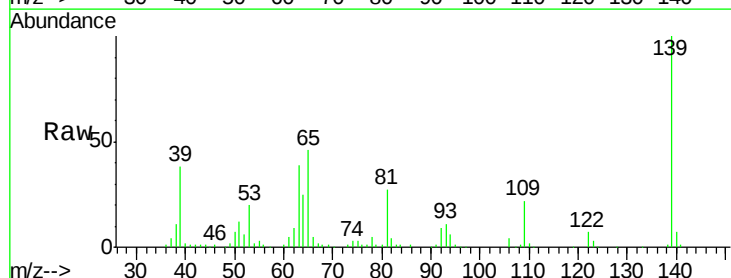
Tgt Ion: 139 Resp: 151648

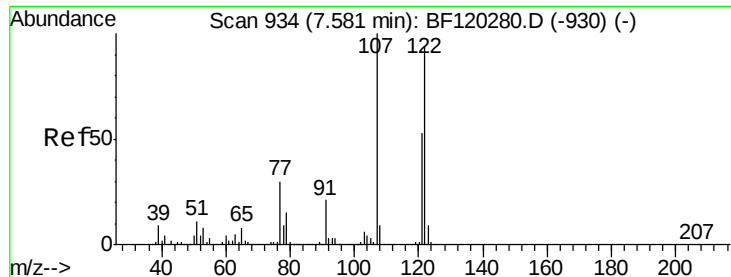
Ion Ratio Lower Upper

139 100

109 22.2 17.7 26.5

65 46.3 38.3 57.5

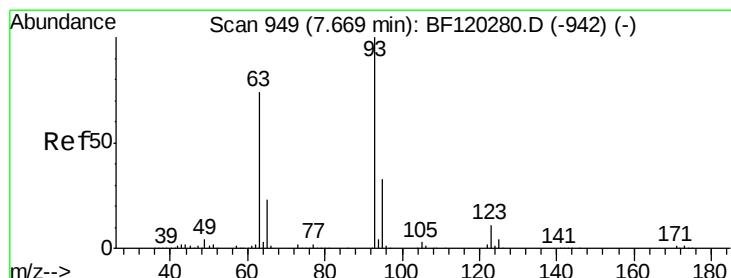
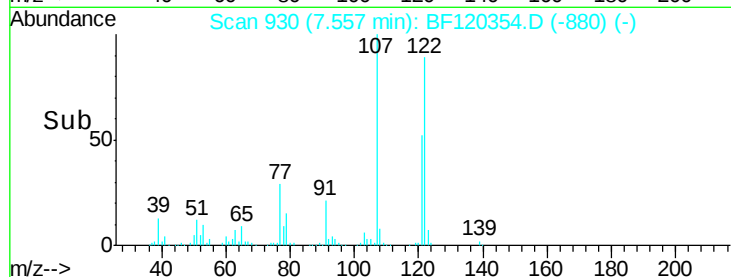
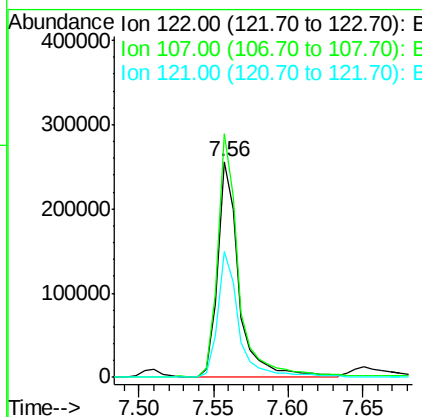
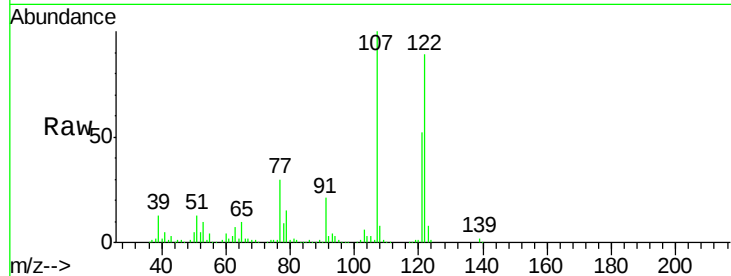




#27
 2,4-Dimethylphenol
 Concen: 20.982 ng
 RT: 7.56 min Scan# 930
 Delta R.T. -0.01 min
 Lab File: BF120354.D
 Acq: 18 May 2020 20:55

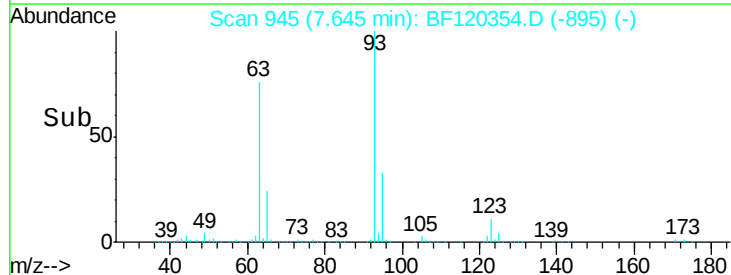
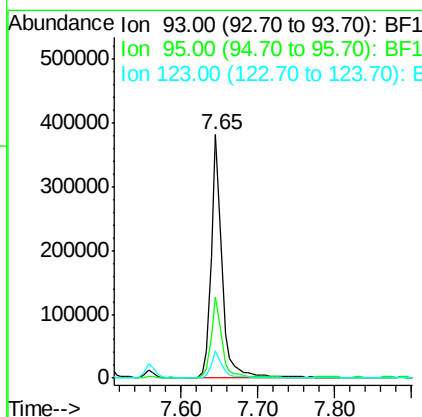
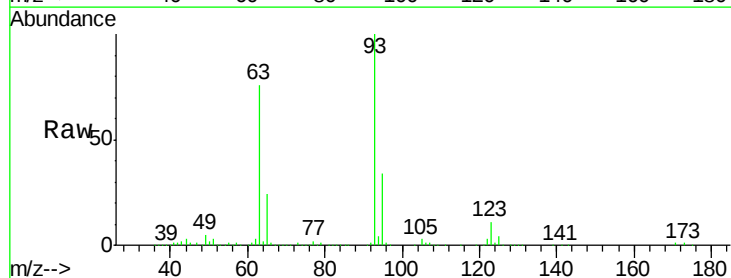
Instrument :
 BNA_F
 ClientSampleId :

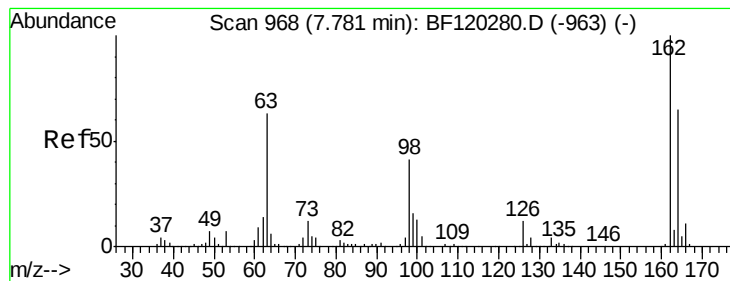
Tot Ion	Ratio	Lower	Upper
122	100		
107	113.0	85.0	127.6
121	58.7	45.1	67.7



#28
 bis(2-Chloroethoxy)methane
 Concen: 18.885 ng
 RT: 7.65 min Scan# 945
 Delta R.T. -0.01 min
 Lab File: BF120354.D
 Acq: 18 May 2020 20:55

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.5	26.8	40.2
123	11.0	9.2	13.8





#29

2,4-Dichlorophenol

Concen: 18.487 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.01 min

Lab File: BF120354.D

Acq: 18 May 2020 20:55

Instrument :

BNA_F

ClientSampled :

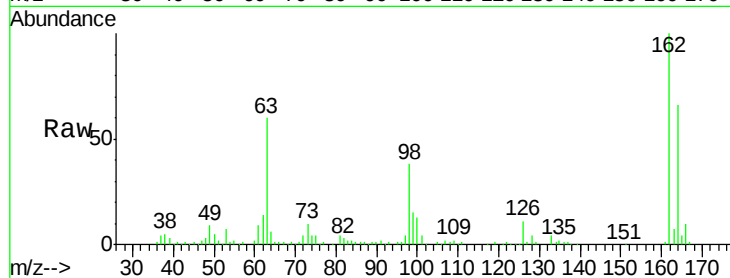
Tot Ion:162 Resp: 229398

Ion Ratio Lower Upper

162 100

164 65.8 44.9 84.9

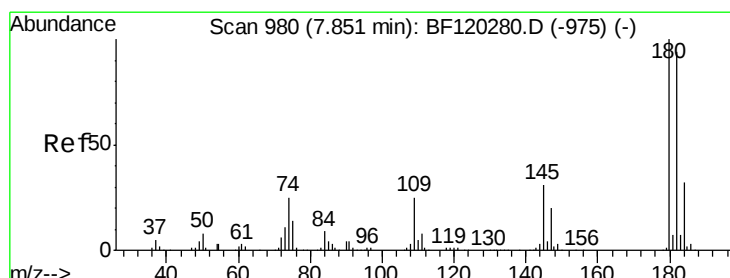
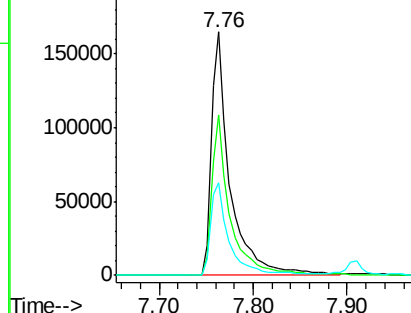
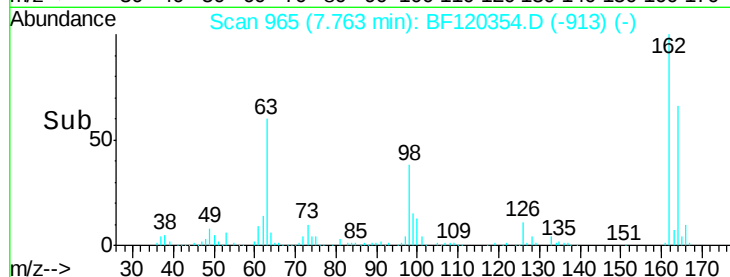
98 38.0 20.7 60.7



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: 18.833 ng

RT: 7.83 min Scan# 977

Delta R.T. -0.00 min

Lab File: BF120354.D

Acq: 18 May 2020 20:55

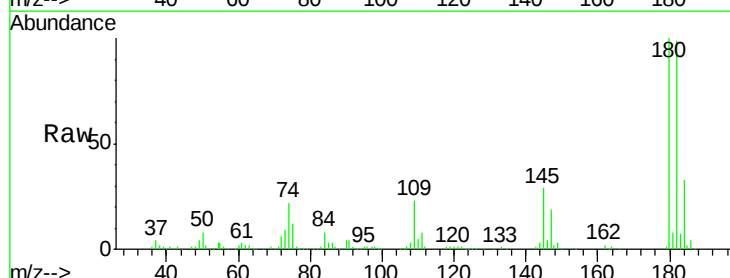
Tgt Ion:180 Resp: 258955

Ion Ratio Lower Upper

180 100

182 98.5 75.3 112.9

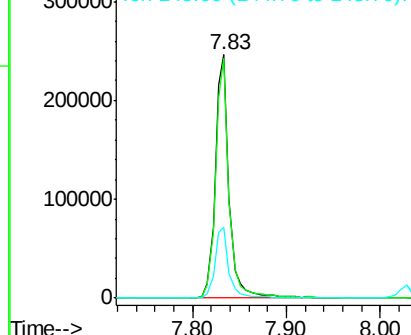
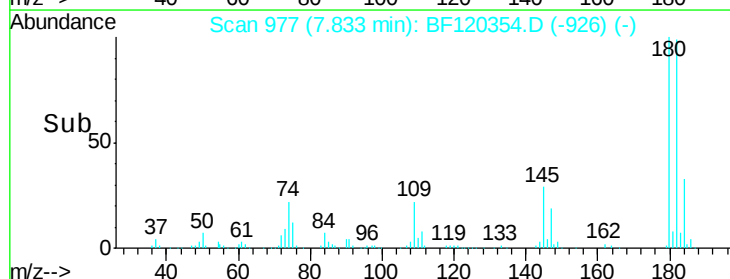
145 29.1 24.9 37.3

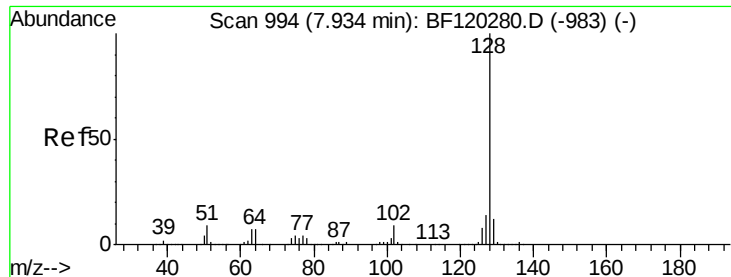


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

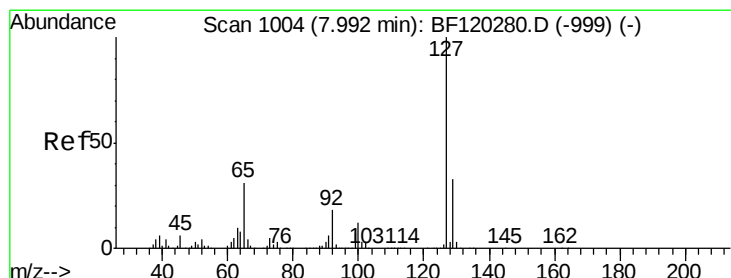
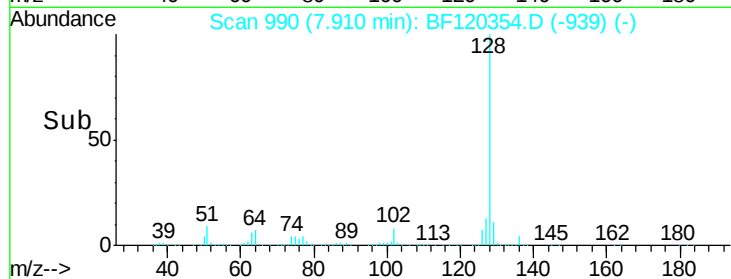
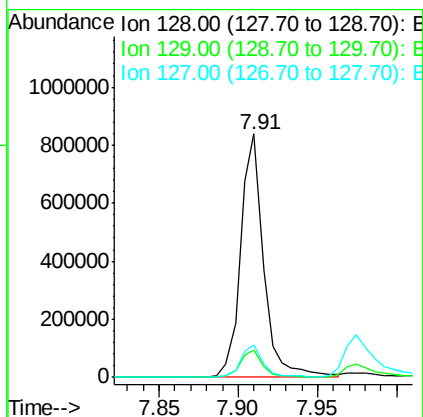
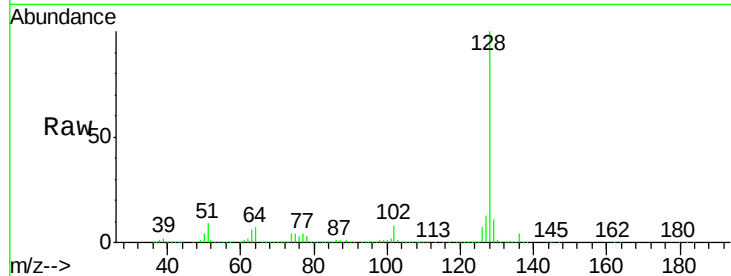




#31
Naphthalene
Concen: 19.858 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.00 min
Lab File: BF120354.D
Acq: 18 May 2020 20:55

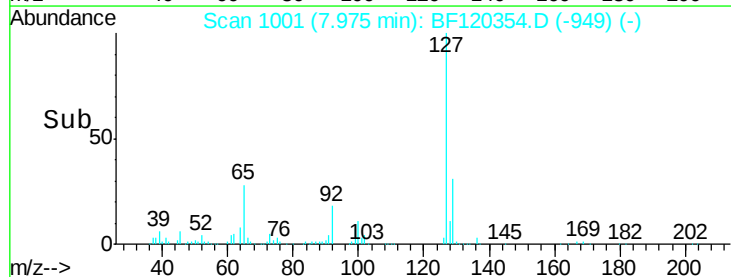
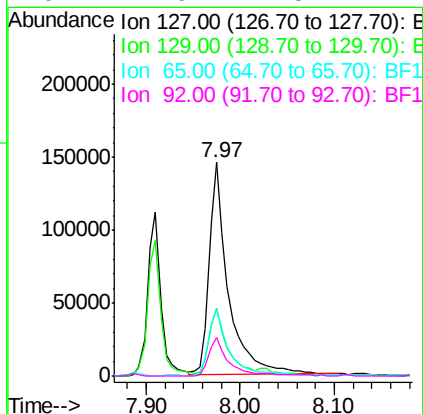
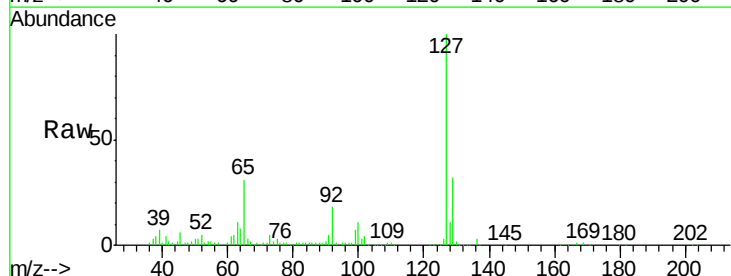
Instrument :
BNA_F
ClientSampled :

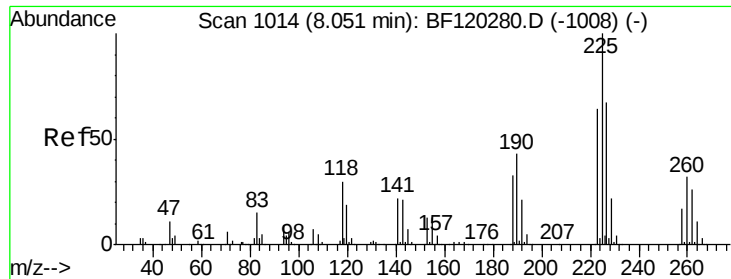
Tot Ion:128 Resp: 846720
Ion Ratio Lower Upper
128 100
129 11.1 9.3 13.9
127 13.3 11.2 16.8



#33
4-Chloroaniline
Concen: 10.806 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.01 min
Lab File: BF120354.D
Acq: 18 May 2020 20:55

Tgt Ion:127 Resp: 209967
Ion Ratio Lower Upper
127 100
129 31.9 26.4 39.6
65 31.1 24.8 37.2
92 17.9 14.5 21.7

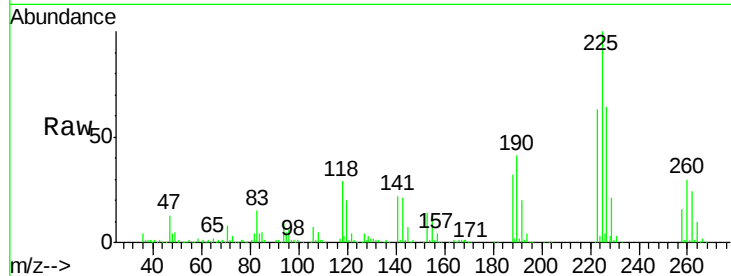




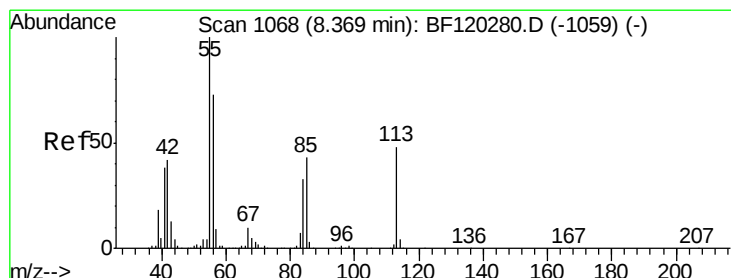
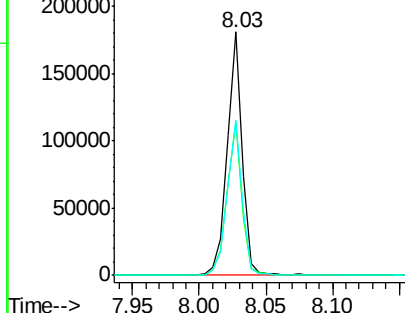
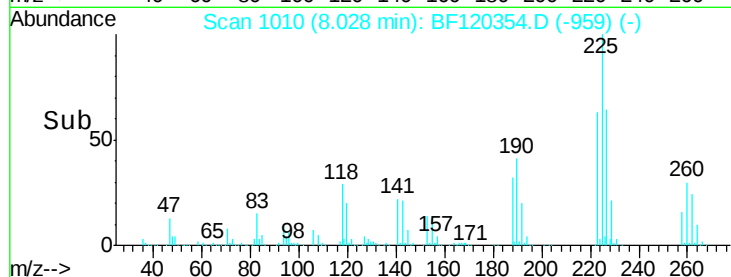
#34
Hexachlorobutadiene
Concen: 18.251 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BF120354.D
Acq: 18 May 2020 20:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:225 Resp: 145052
Ion Ratio Lower Upper
225 100
223 62.5 51.4 77.0
227 63.5 54.0 81.0

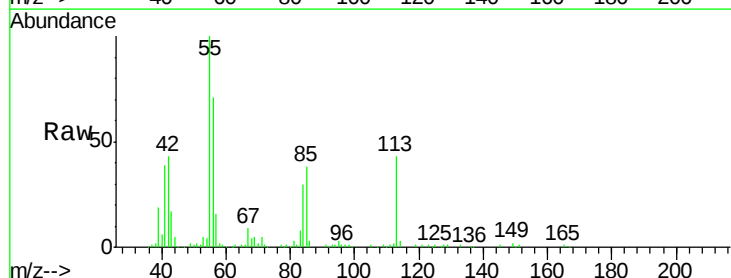


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

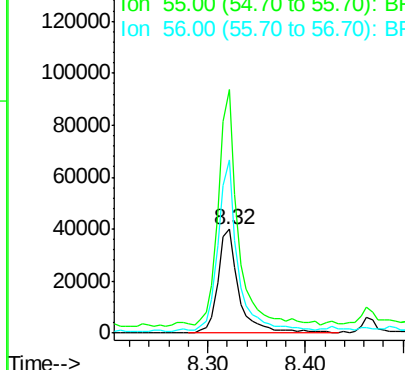
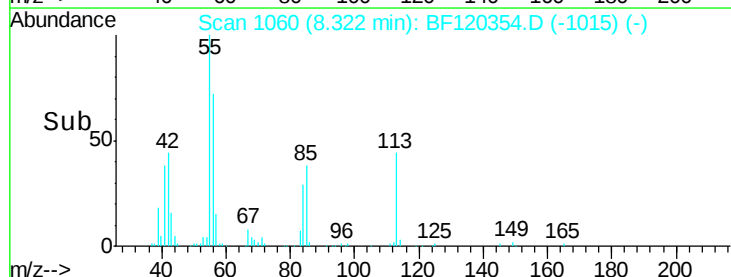


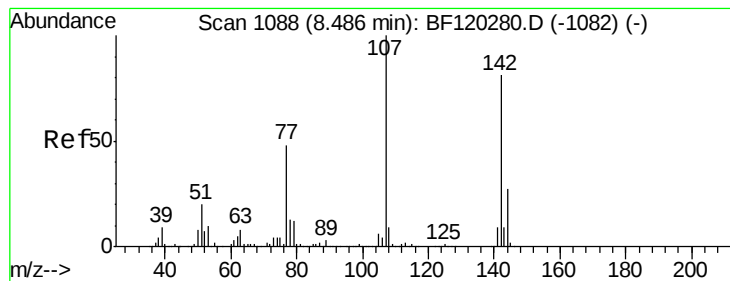
#35
Caprolactam
Concen: 14.866 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.04 min
Lab File: BF120354.D
Acq: 18 May 2020 20:55

Tgt Ion:113 Resp: 60347
Ion Ratio Lower Upper
113 100
55 234.3 190.4 230.4#
56 167.0 132.7 172.7



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





#36

4-Chloro-3-methylphenol

Concen: 16.623 ng

RT: 8.46 min Scan# 1084

Delta R.T. -0.01 min

Lab File: BF120354.D

Acq: 18 May 2020 20:55

Instrument :

BNA_F

ClientSampled :

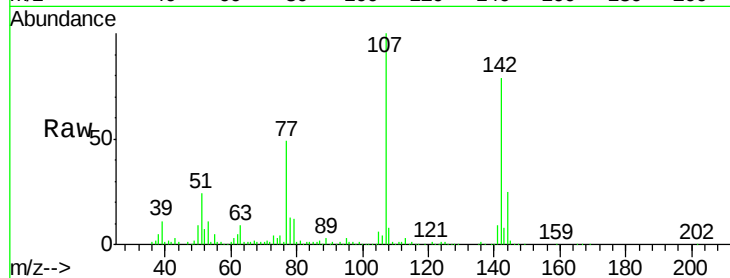
Tot Ion:107 Resp: 223136

Ion Ratio Lower Upper

107 100

144 24.8 21.4 32.2

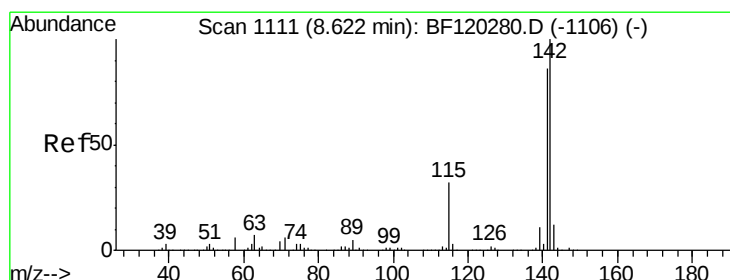
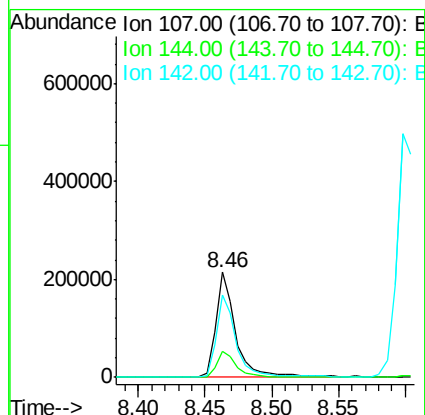
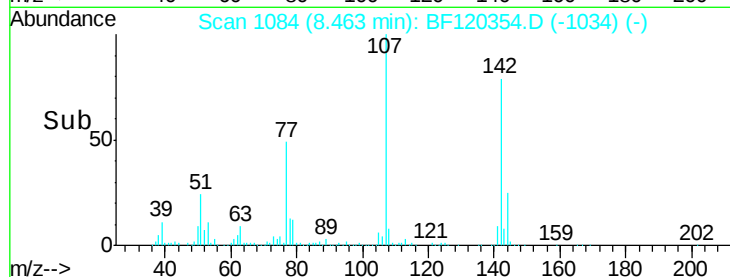
142 78.7 65.1 97.7



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37

2-Methylnaphthalene

Concen: 17.927 ng

RT: 8.60 min Scan# 1107

Delta R.T. -0.01 min

Lab File: BF120354.D

Acq: 18 May 2020 20:55

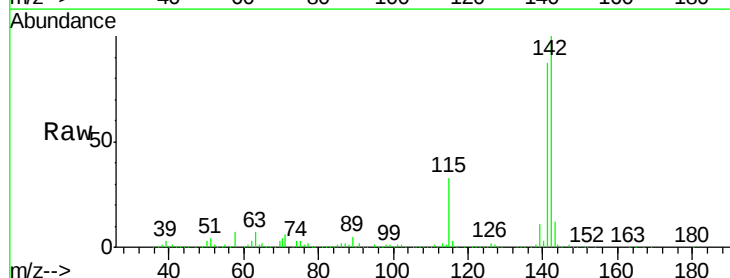
Tgt Ion:142 Resp: 523088

Ion Ratio Lower Upper

142 100

141 87.3 68.8 103.2

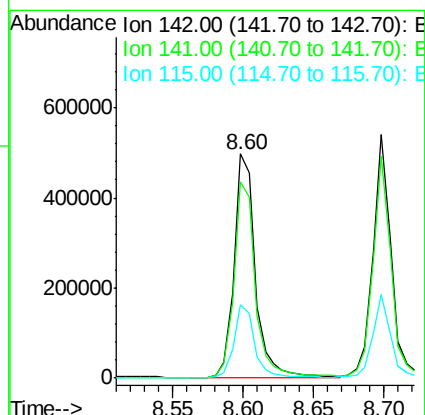
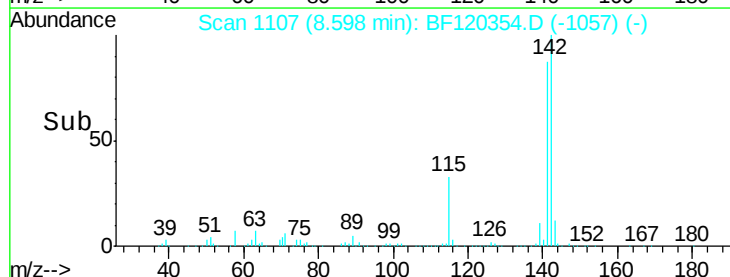
115 32.5 25.7 38.5

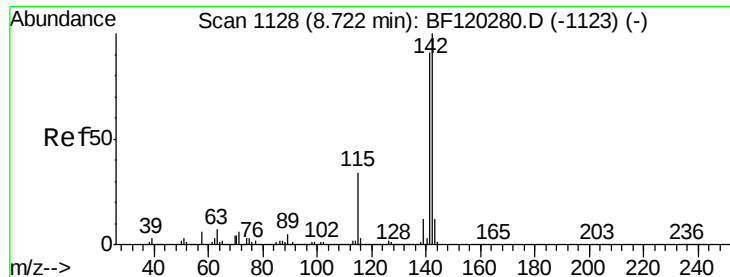


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

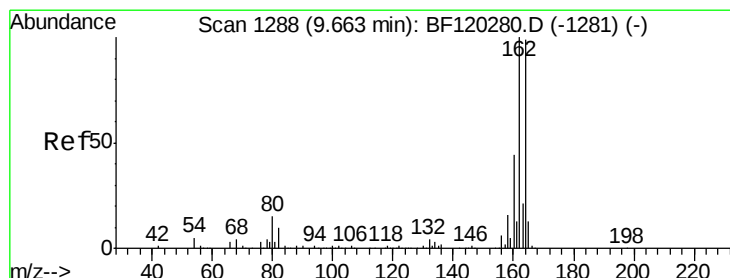
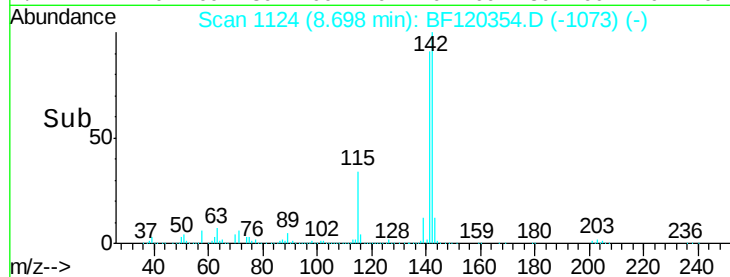
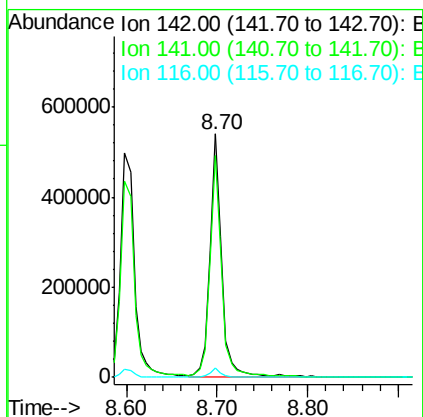
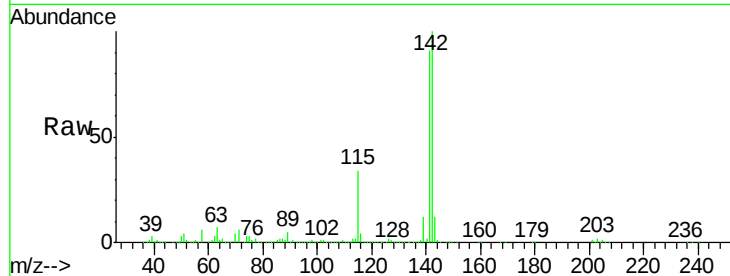




#38
1-Methylnaphthalene
Concen: 17.585 ng
RT: 8.70 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BF120354.D
Acq: 18 May 2020 20:55

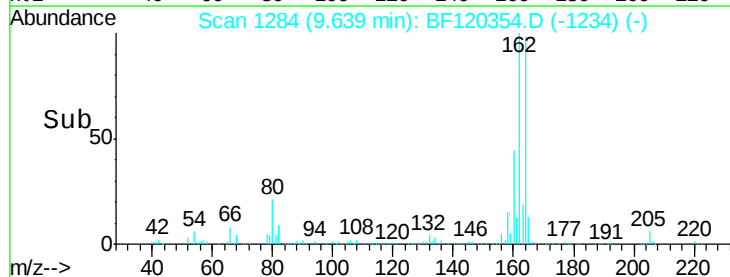
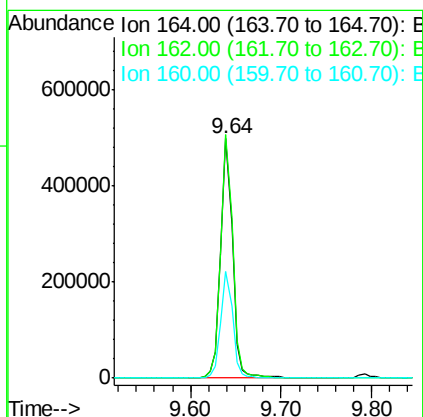
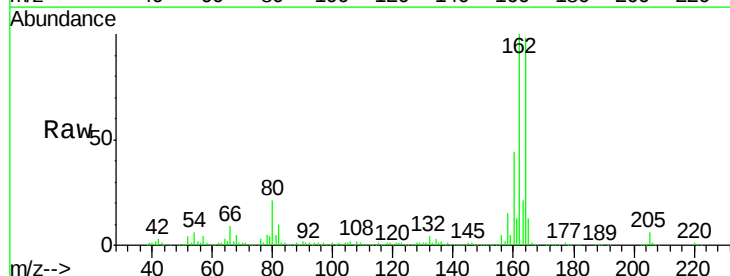
Instrument :
BNA_F
ClientSampleId :

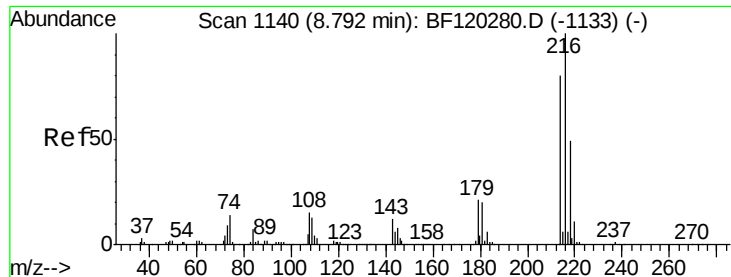
Tot Ion:142 Resp: 497660
Ion Ratio Lower Upper
142 100
141 91.1 73.0 109.6
116 3.6 2.7 4.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF120354.D
Acq: 18 May 2020 20:55

Tgt Ion:164 Resp: 453213
Ion Ratio Lower Upper
164 100
162 101.6 81.2 121.8
160 44.3 35.8 53.6





#40

1,2,4,5-Tetrachlorobenzene

Concen: 22.745 ng

RT: 8.77 min Scan# 1136

Delta R.T. -0.00 min

Lab File: BF120354.D

Acq: 18 May 2020 20:55

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 259933

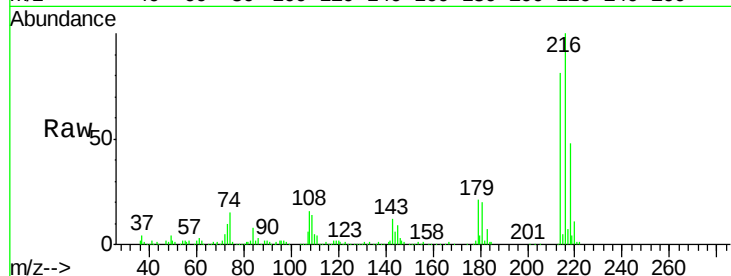
Ion Ratio Lower Upper

216 100

214 79.9 64.0 96.0

179 20.1 16.9 25.3

108 16.1 14.2 21.2

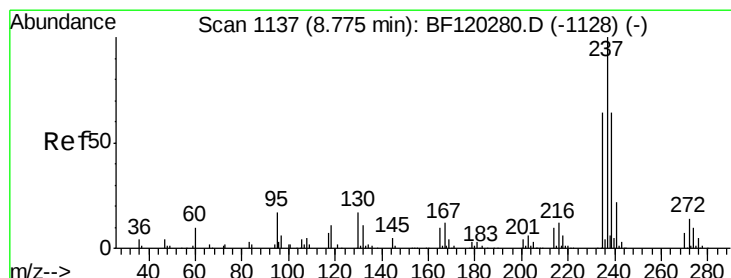
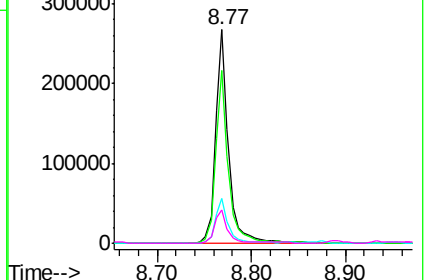
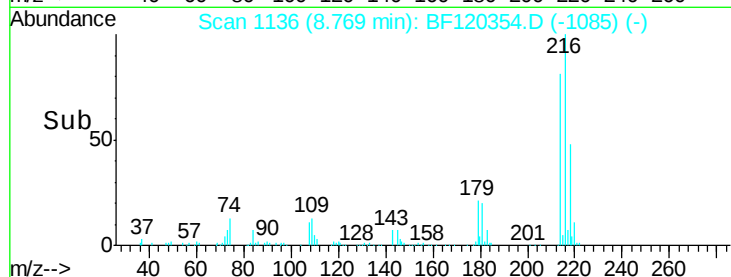


Abundance Ion 216.00 (215.70 to 216.70): E

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: 9.342 ng

RT: 8.75 min Scan# 1133

Delta R.T. -0.00 min

Lab File: BF120354.D

Acq: 18 May 2020 20:55

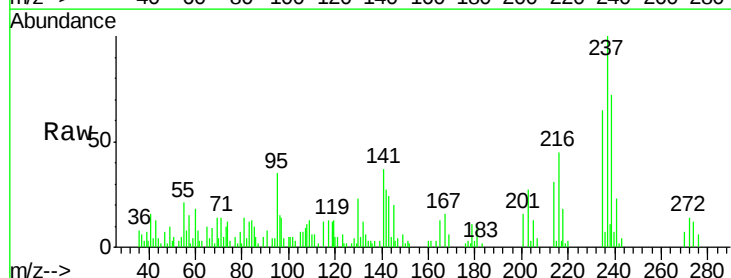
Tgt Ion:237 Resp: 13953

Ion Ratio Lower Upper

237 100

235 65.5 43.8 83.8

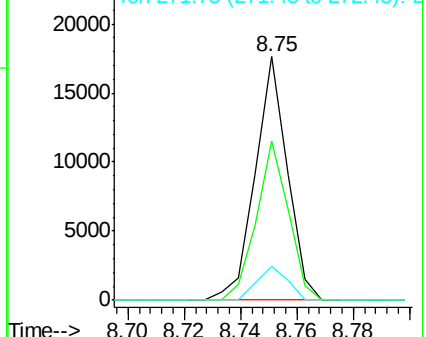
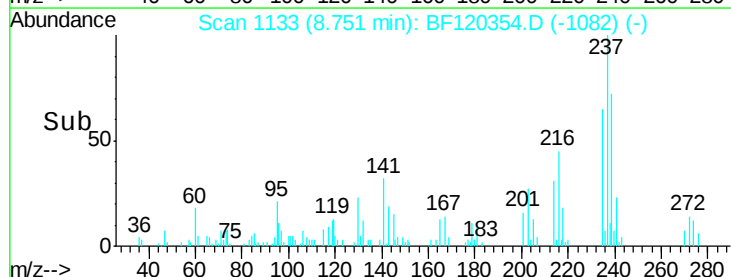
272 14.0 0.0 33.9

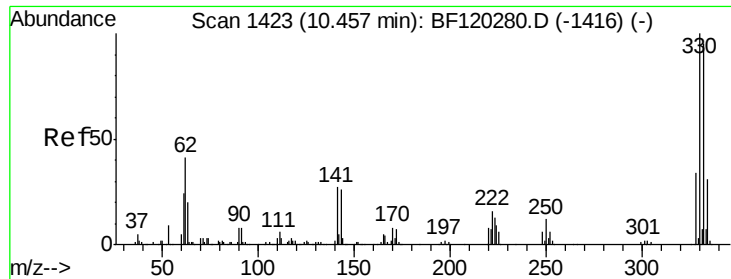


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

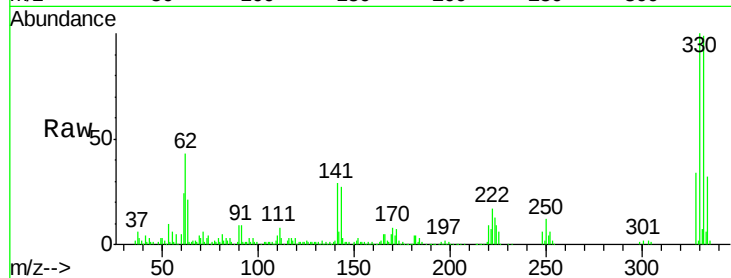




#42
 2,4,6-Tribromophenol
 Concen: 46.849 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. -0.00 min
 Lab File: BF120354.D
 Acq: 18 May 2020 20:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.5	114.7
141	33.5	25.4	38.0

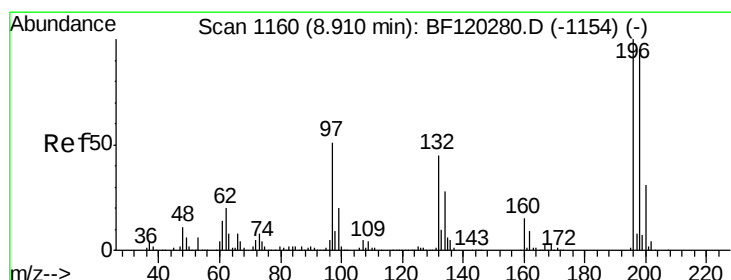
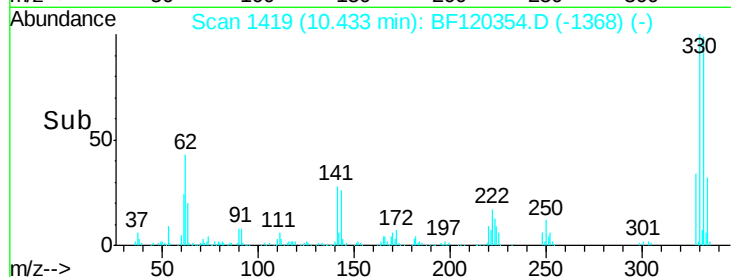
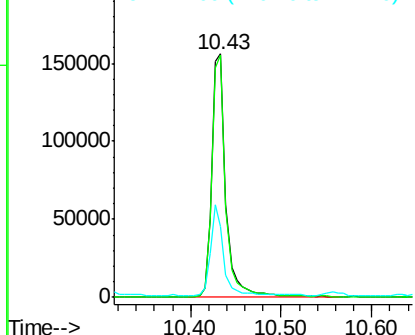


Abundance

Ion 329.80 (329.50 to 330.50): E

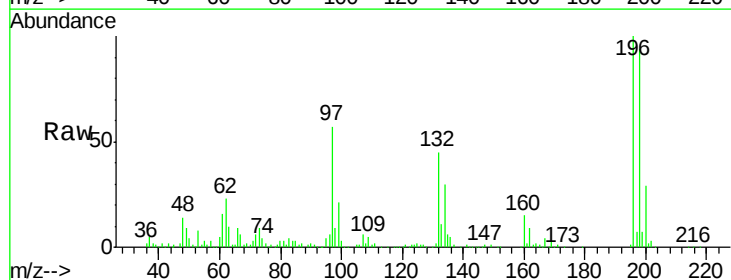
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#43
 2,4,6-Trichlorophenol
 Concen: 20.958 ng
 RT: 8.89 min Scan# 1156
 Delta R.T. -0.00 min
 Lab File: BF120354.D
 Acq: 18 May 2020 20:55

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.0	76.2	114.4
200	28.8	24.9	37.3

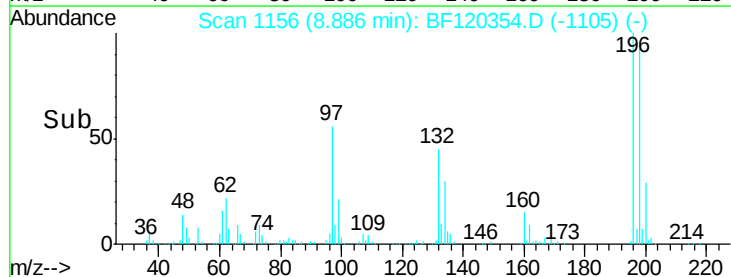
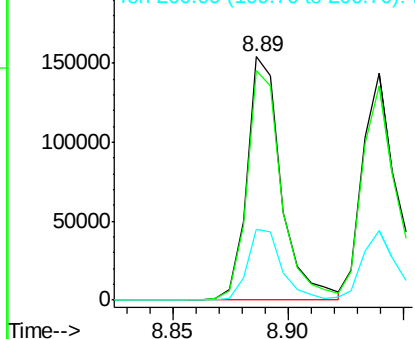


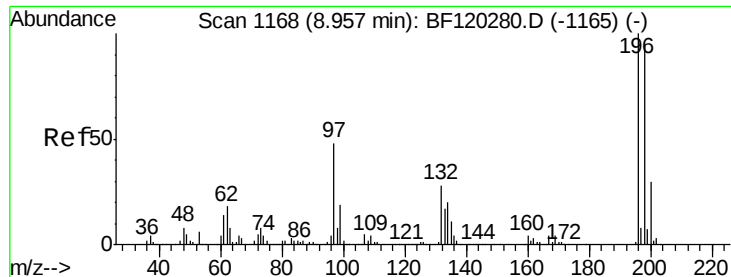
Abundance

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: 18.516 ng

RT: 8.94 min Scan# 1165

Delta R.T. -0.00 min

Lab File: BF120354.D

Acq: 18 May 2020 20:55

Instrument :

BNA_F

ClientSampled :

Tot Ion:196 Resp: 163113

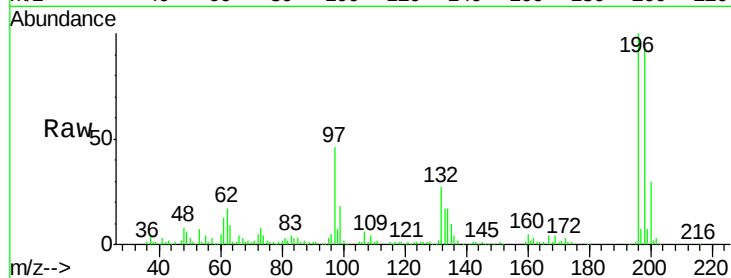
Ion Ratio Lower Upper

196 100

198 94.2 76.2 114.4

97 45.9 38.6 57.8

132 27.1 23.2 34.8

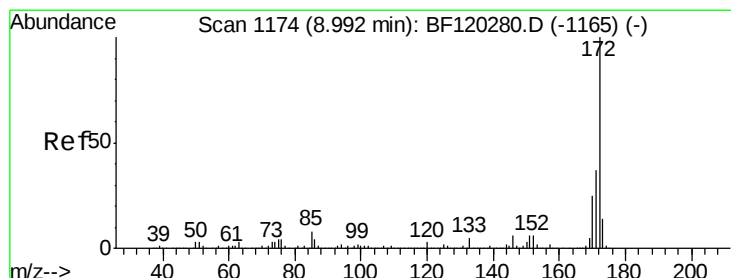
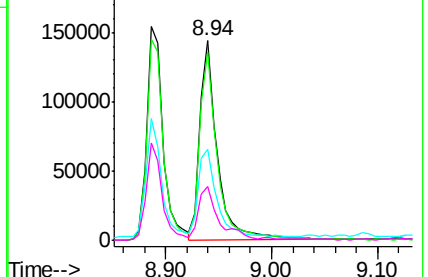
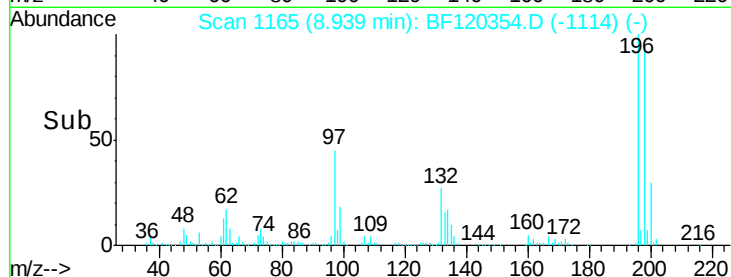


Abundance Ion 196.00 (195.70 to 196.70): E

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: 49.230 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF120354.D

Acq: 18 May 2020 20:55

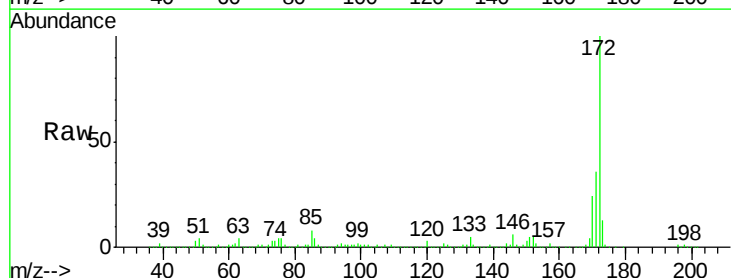
Tgt Ion:172 Resp: 1086009

Ion Ratio Lower Upper

172 100

171 35.5 29.7 44.5

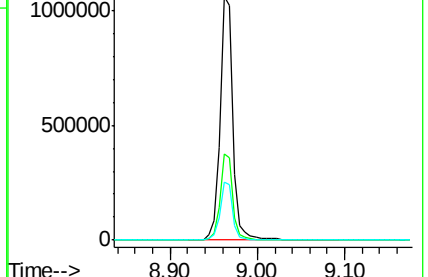
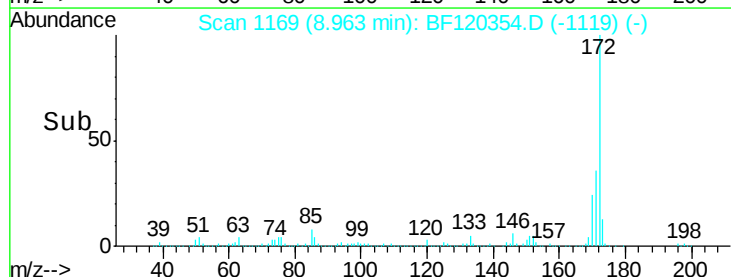
170 23.6 19.9 29.9

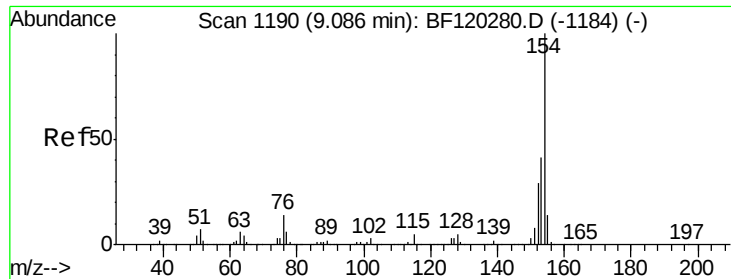


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

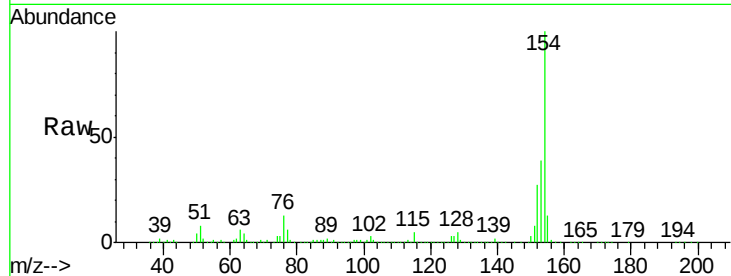




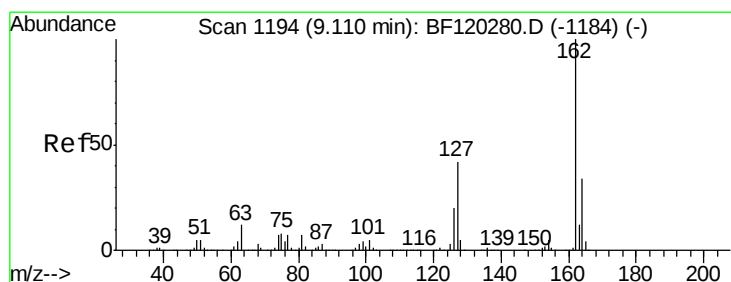
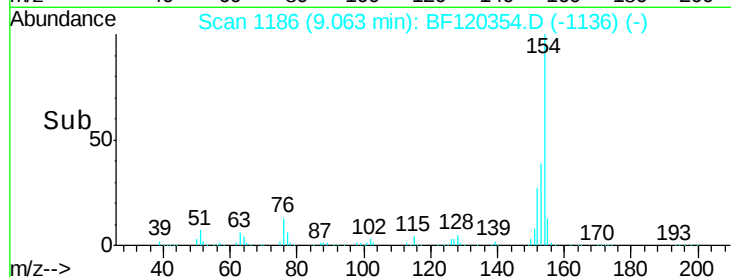
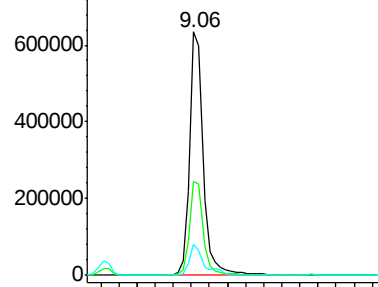
#46
 1,1'-Biphenyl
 Concen: 22.348 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF120354.D
 Acq: 18 May 2020 20:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 663634
 Ion Ratio Lower Upper
 154 100
 153 38.8 20.8 60.8
 76 12.8 0.0 34.3

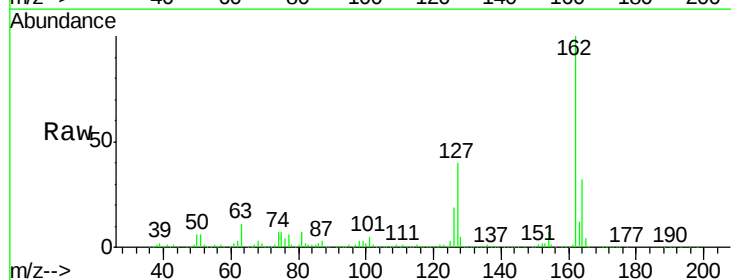


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

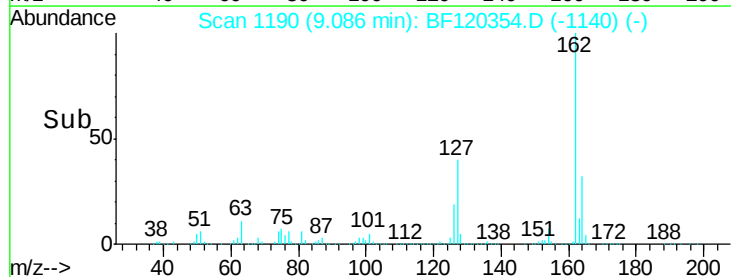
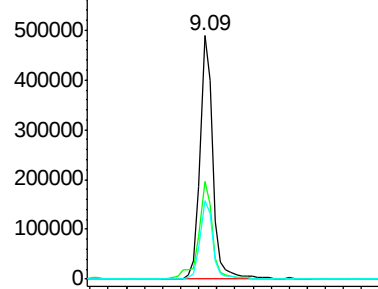


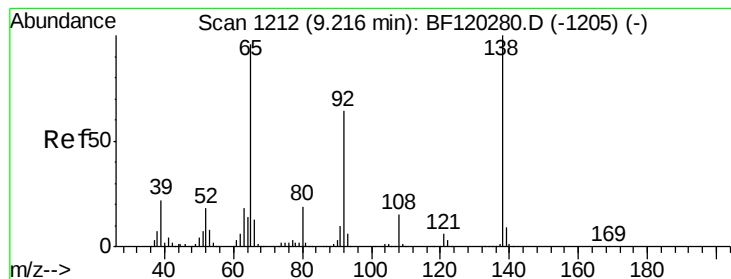
#47
 2-Chloronaphthalene
 Concen: 20.082 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF120354.D
 Acq: 18 May 2020 20:55

Tgt Ion:162 Resp: 478347
 Ion Ratio Lower Upper
 162 100
 127 40.0 33.4 50.0
 164 32.2 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: 18.510 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF120354.D

Acq: 18 May 2020 20:55

Instrument :

BNA_F

ClientSampleId :

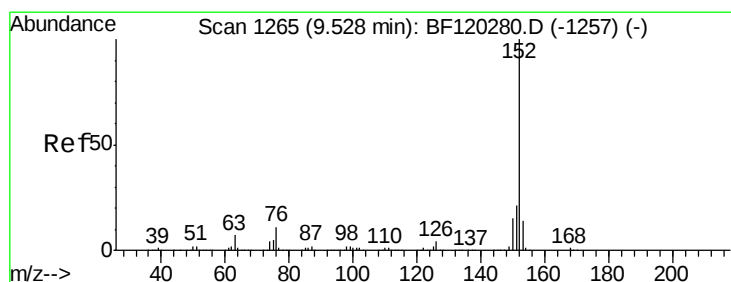
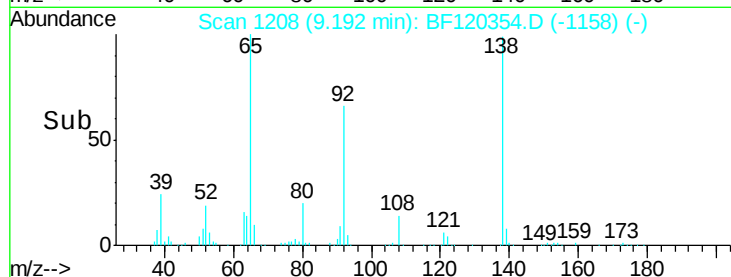
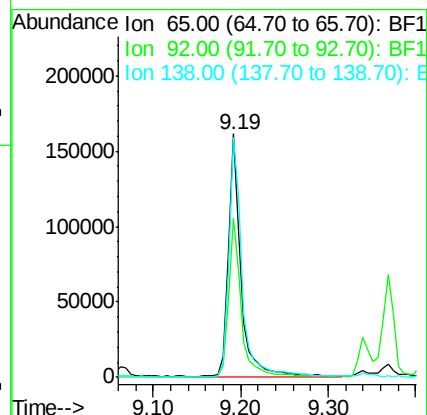
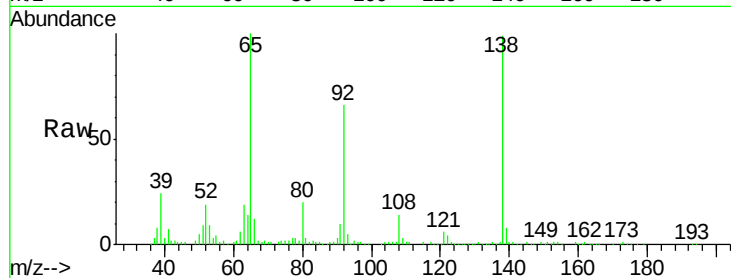
Tot Ion: 65 Resp: 160874

Ion Ratio Lower Upper

65 100

92 65.6 52.9 79.3

138 98.7 83.0 124.4



#49

Acenaphthylene

Concen: 21.270 ng

RT: 9.50 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BF120354.D

Acq: 18 May 2020 20:55

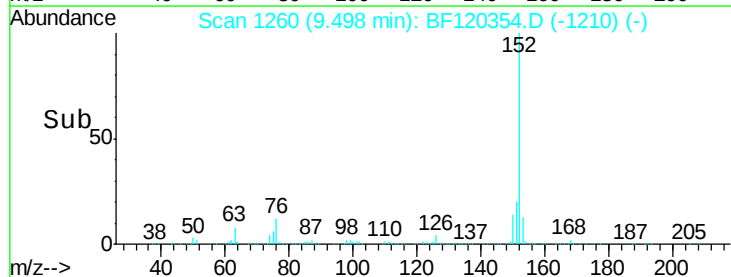
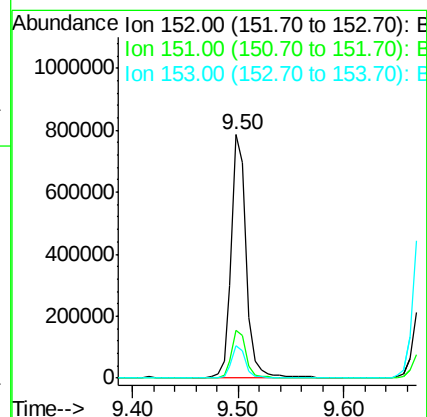
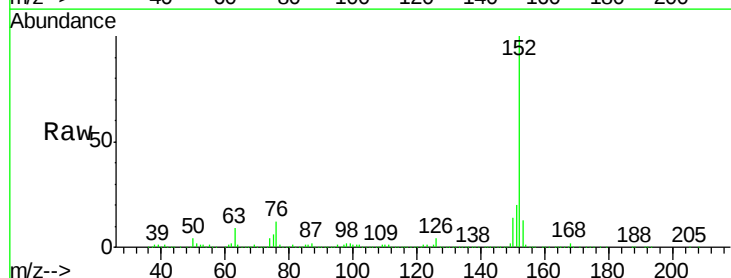
Tgt Ion: 152 Resp: 773933

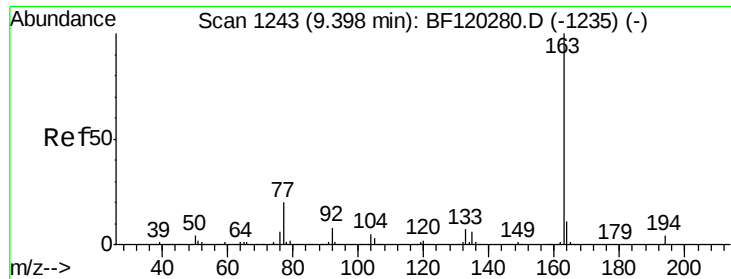
Ion Ratio Lower Upper

152 100

151 19.7 16.6 25.0

153 13.4 11.1 16.7

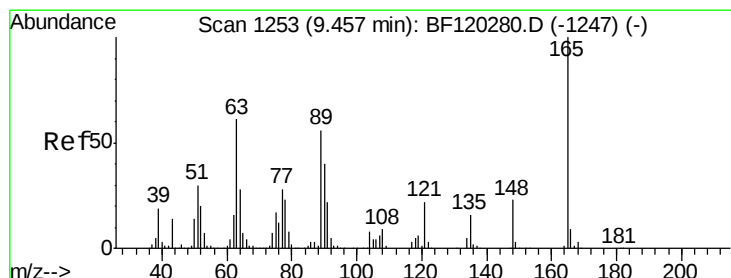
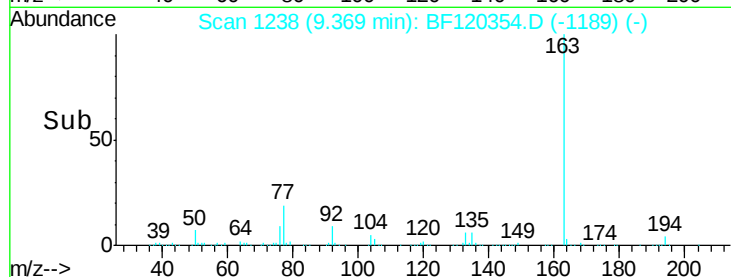
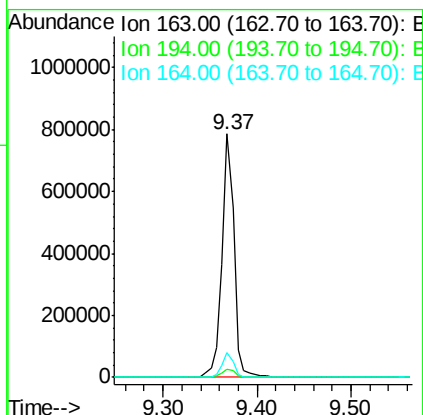
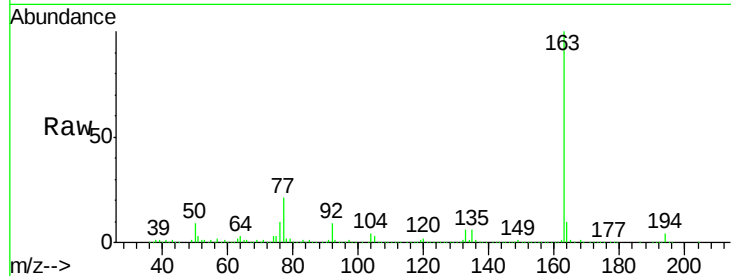




#50
Dimethylphthalate
Concen: 24.558 ng
RT: 9.37 min Scan# 1238
Delta R.T. -0.01 min
Lab File: BF120354.D
Acq: 18 May 2020 20:55

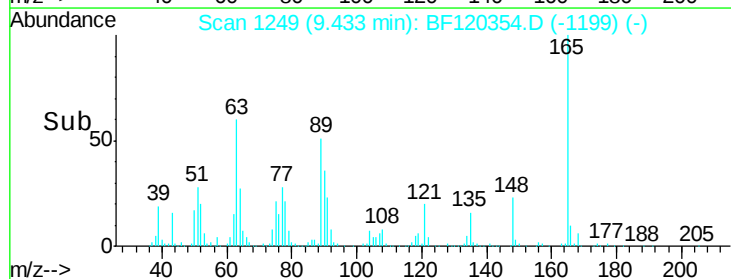
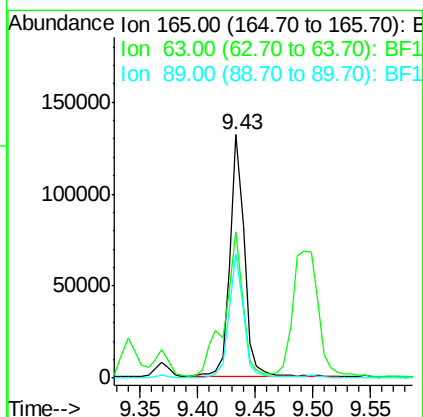
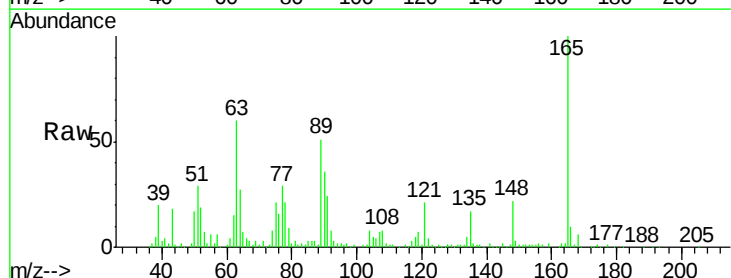
Instrument :
BNA_F
ClientSampled :

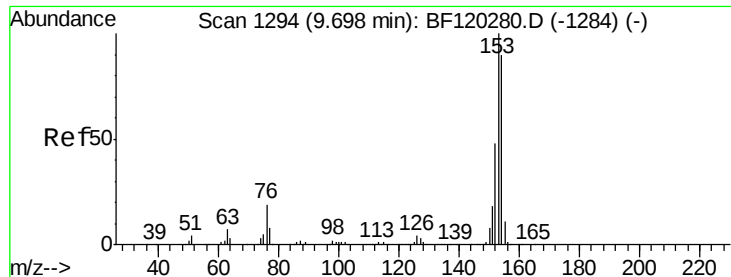
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.1	4.7
164	10.3	8.6	12.8



#51
2,6-Dinitrotoluene
Concen: 18.024 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BF120354.D
Acq: 18 May 2020 20:55

Tgt Ion	Ratio	Lower	Upper
165	100		
63	60.2	50.2	75.2
89	51.2	44.6	66.8





#52

Acenaphthene

Concen: 20.430 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.00 min

Lab File: BF120354.D

Acq: 18 May 2020 20:55

Instrument :

BNA_F

ClientSampleId :

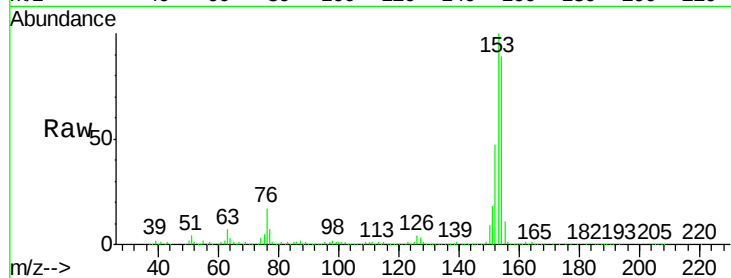
Tot Ion:154 Resp: 445587

Ion Ratio Lower Upper

154 100

153 112.5 89.0 133.4

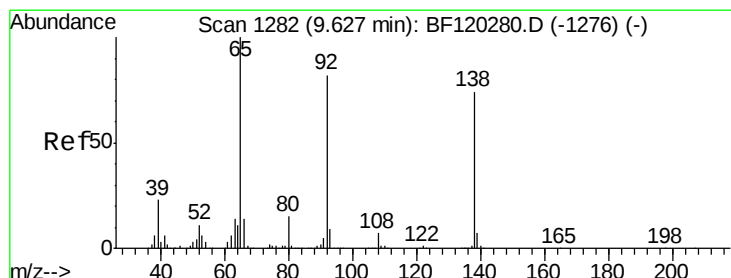
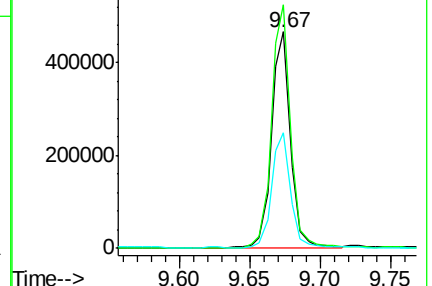
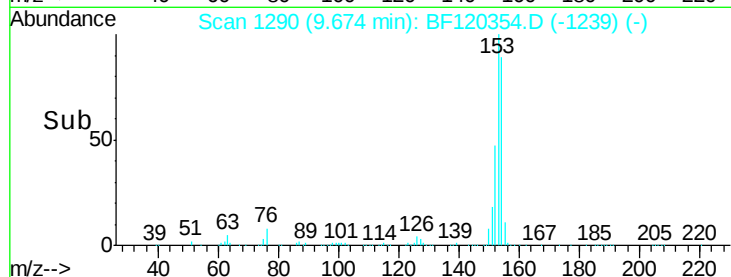
152 53.3 42.6 64.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 12.408 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF120354.D

Acq: 18 May 2020 20:55

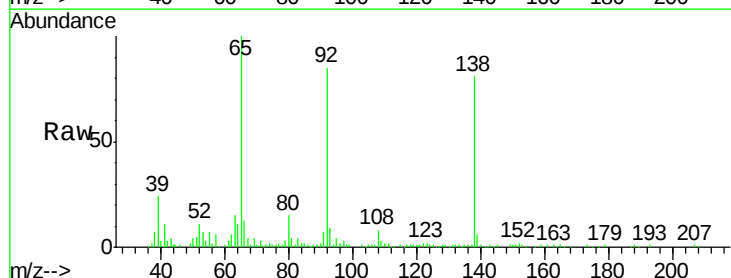
Tgt Ion:138 Resp: 94616

Ion Ratio Lower Upper

138 100

108 10.5 8.2 12.2

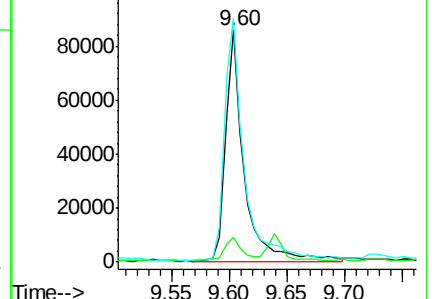
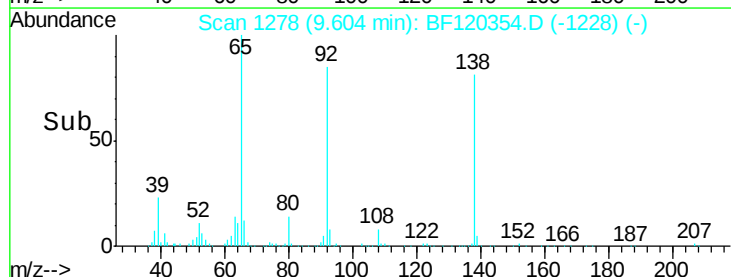
92 105.0 89.6 134.4

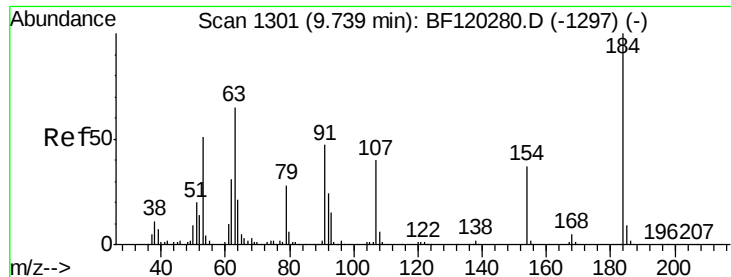


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

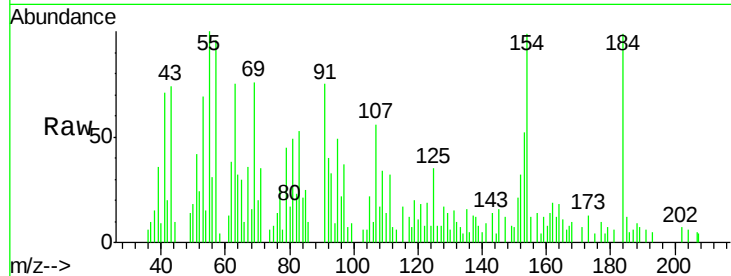




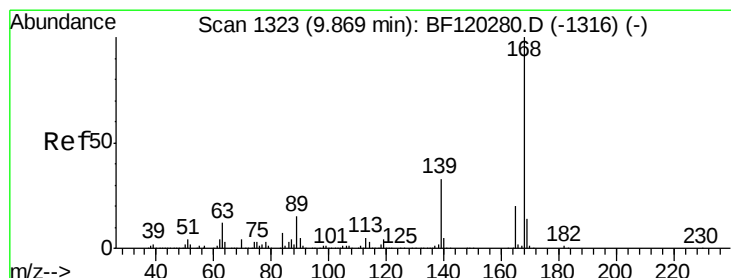
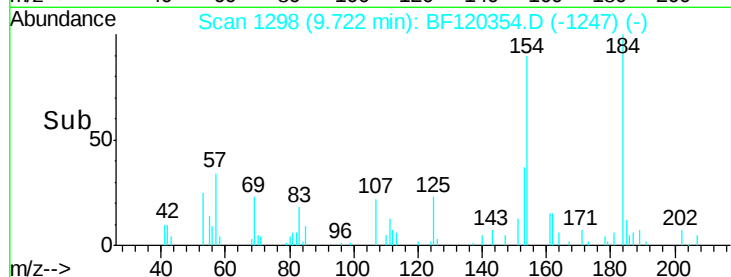
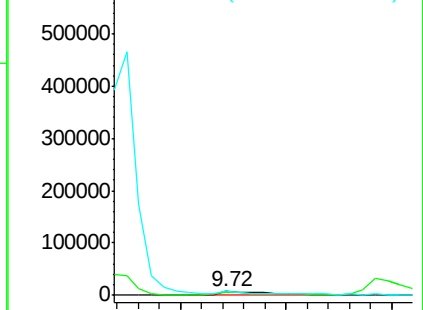
#54
 2,4-Dinitrophenol
 Concen: 4.368 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.00 min
 Lab File: BF120354.D
 Acq: 18 May 2020 20:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 13184
 Ion Ratio Lower Upper
 184 100
 63 75.7 53.6 80.4
 154 99.3 46.8 70.2#

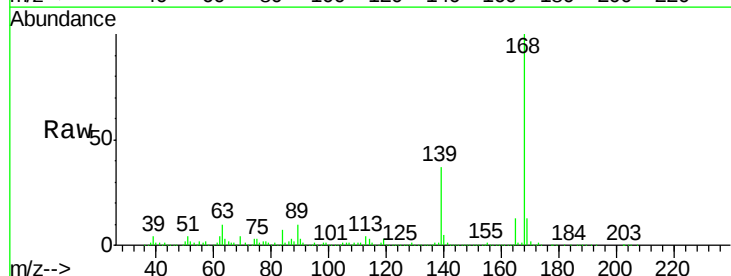


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

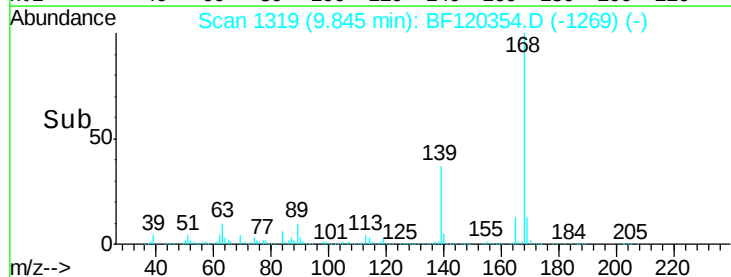
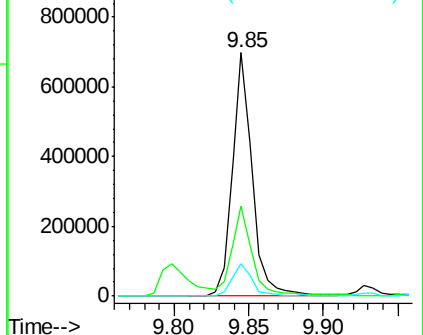


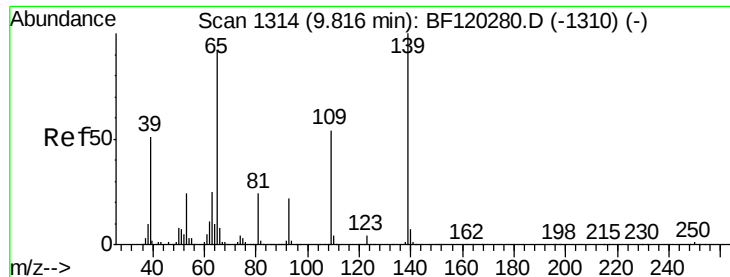
#55
 Dibenzofuran
 Concen: 20.946 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF120354.D
 Acq: 18 May 2020 20:55

Tgt Ion:168 Resp: 657870
 Ion Ratio Lower Upper
 168 100
 139 37.0 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

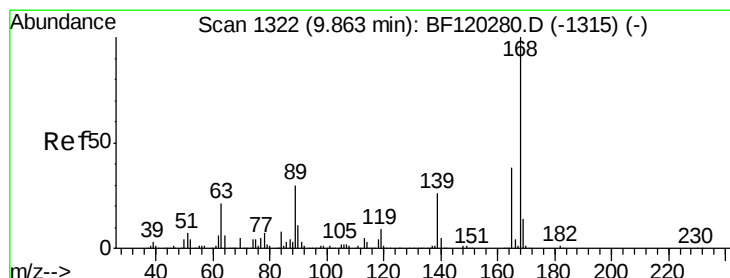
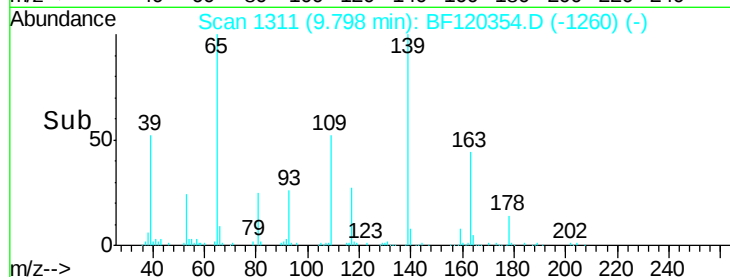
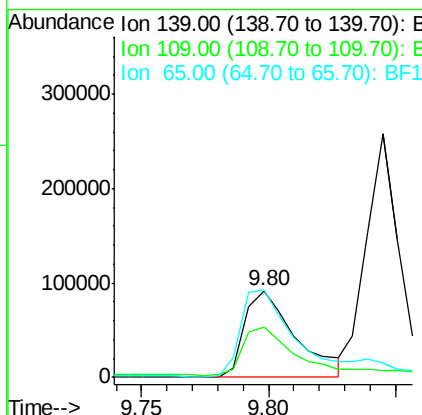
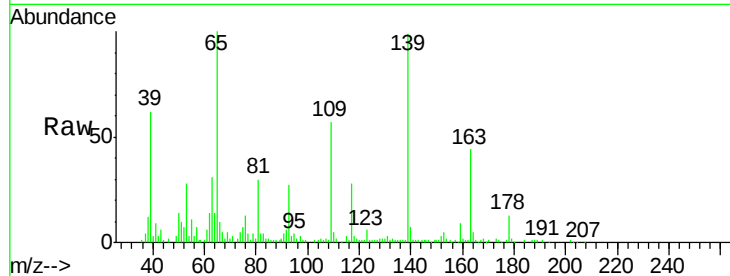




#56
4-Nitrophenol
Concen: 30.604 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BF120354.D
Acq: 18 May 2020 20:55

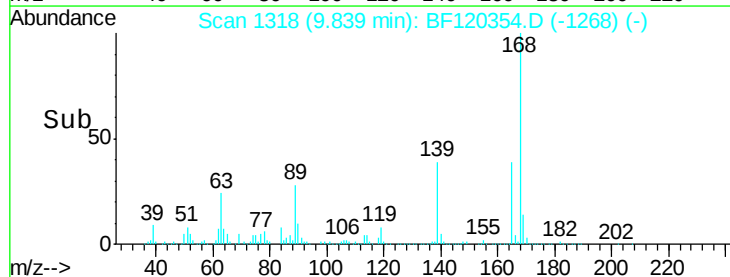
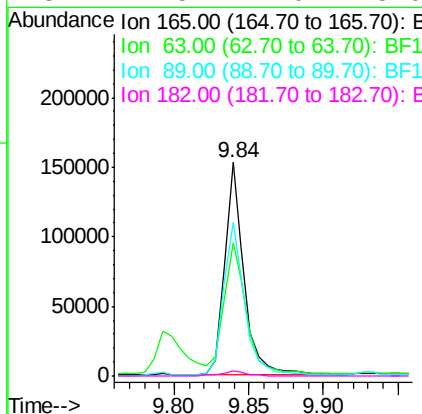
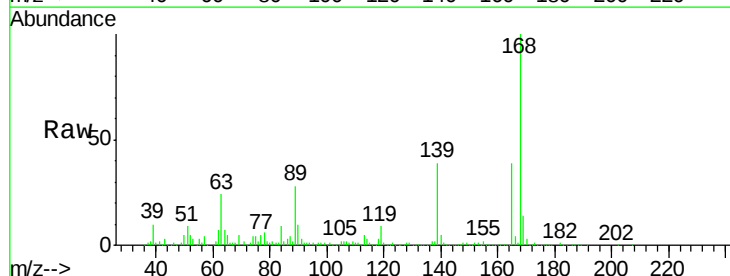
Instrument :
BNA_F
ClientSampleId :

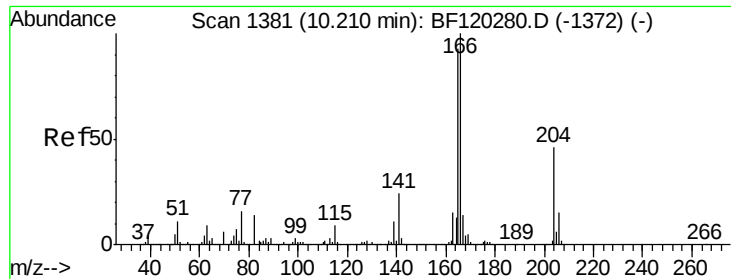
Tot Ion:139 Resp: 125394
Ion Ratio Lower Upper
139 100
109 58.1 34.6 74.6
65 101.5 73.3 113.3



#57
2,4-Dinitrotoluene
Concen: 18.738 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF120354.D
Acq: 18 May 2020 20:55

Tgt Ion:165 Resp: 140554
Ion Ratio Lower Upper
165 100
63 62.2 51.8 77.8
89 72.2 64.2 96.4
182 2.5 2.0 3.0

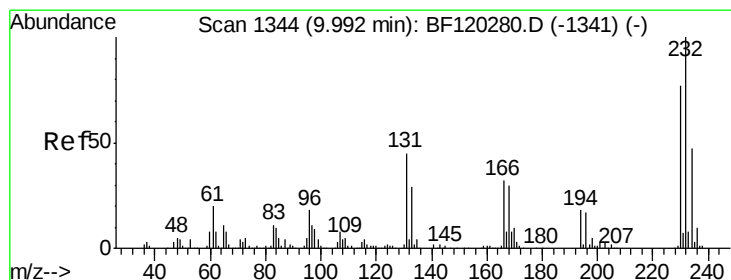
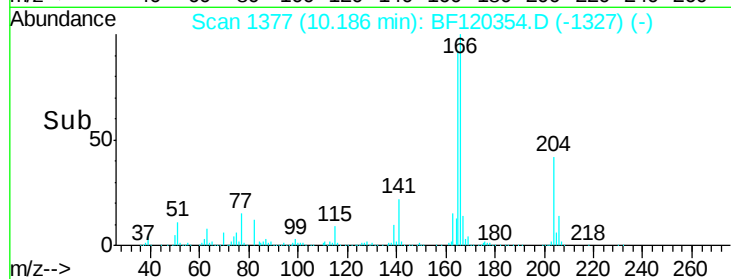
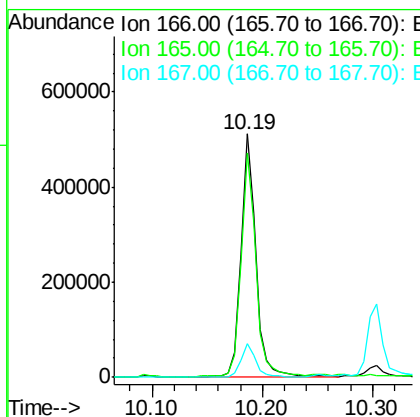
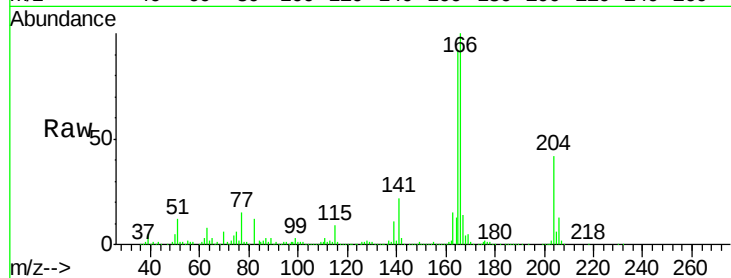




#58
 Fluorene
 Concen: 20.338 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. -0.01 min
 Lab File: BF120354.D
 Acq: 18 May 2020 20:55

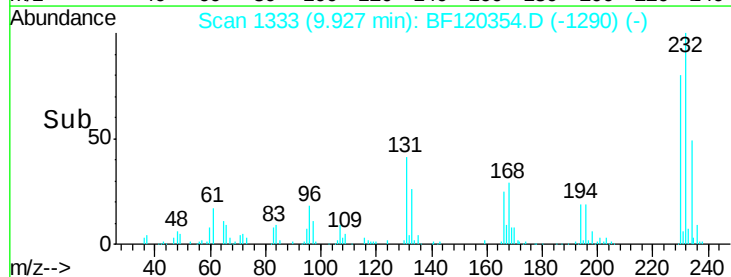
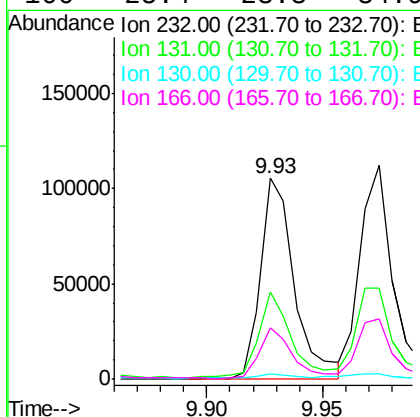
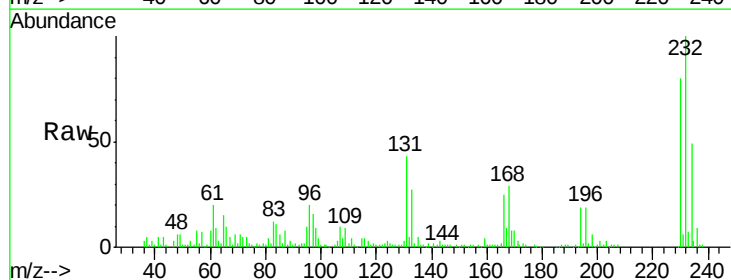
Instrument :
 BNA_F
 ClientSampleId :

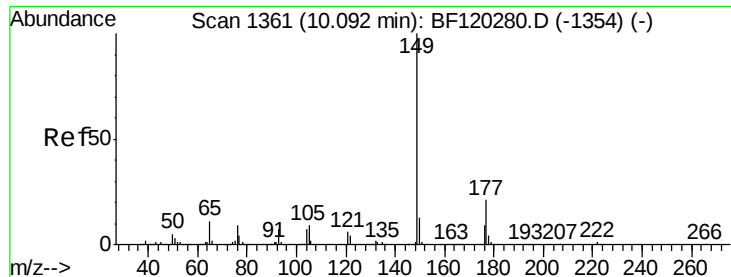
Tot Ion	166	Resp	486467
Ion Ratio	100		
Lower	74.7		
Upper	112.1		
165	92.3		
167	14.0		



#59
 2,3,4,6-Tetrachlorophenol
 Concen: 16.257 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.05 min
 Lab File: BF120354.D
 Acq: 18 May 2020 20:55

Tgt Ion	232	Resp	107776
Ion Ratio	100		
Lower	34.1		
Upper	51.1		
131	39.8		
130	2.0		
166	25.4		





#60

Diethylphthalate

Concen: 19.758 ng

RT: 10.07 min Scan# 1357

Delta R.T. -0.01 min

Lab File: BF120354.D

Acq: 18 May 2020 20:55

Instrument :

BNA_F

ClientSampleId :

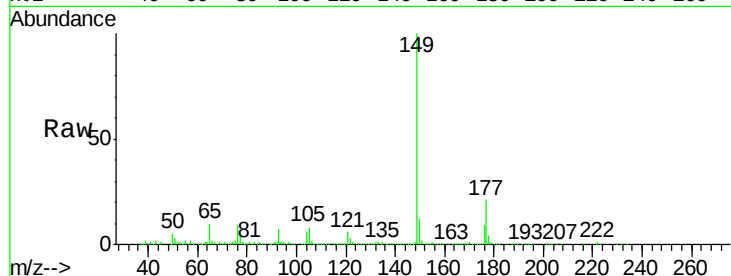
Tot Ion:149 Resp: 546487

Ion Ratio Lower Upper

149 100

177 21.0 17.1 25.7

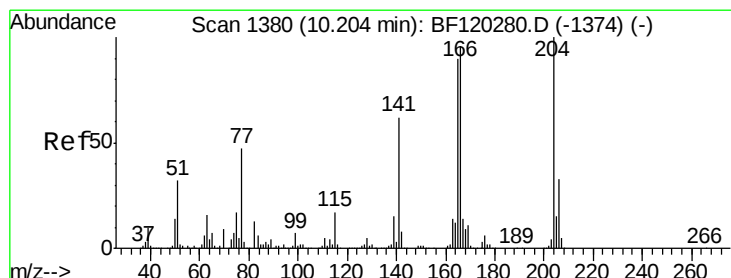
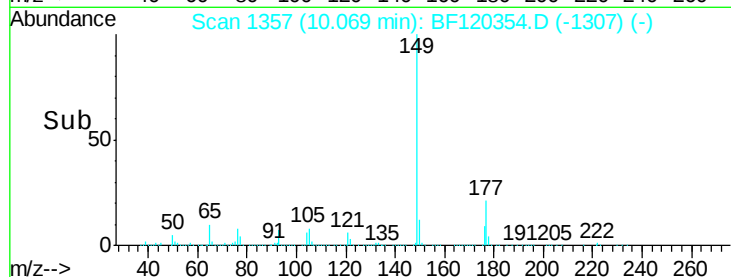
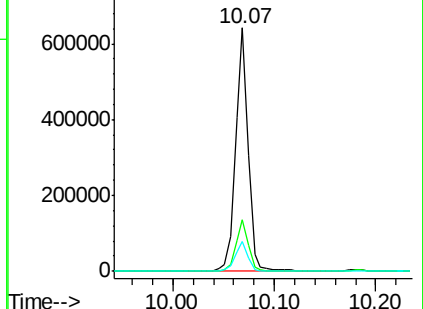
150 12.4 10.3 15.5



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: 18.575 ng

RT: 10.18 min Scan# 1376

Delta R.T. -0.01 min

Lab File: BF120354.D

Acq: 18 May 2020 20:55

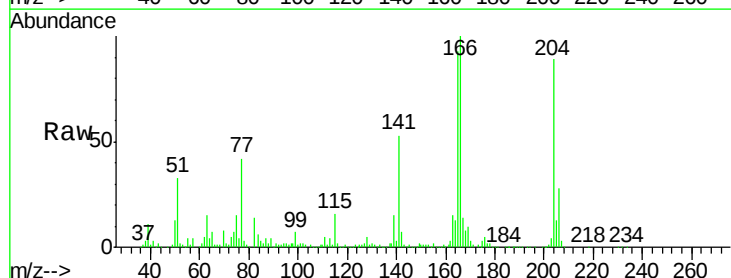
Tgt Ion:204 Resp: 231000

Ion Ratio Lower Upper

204 100

206 31.7 26.8 40.2

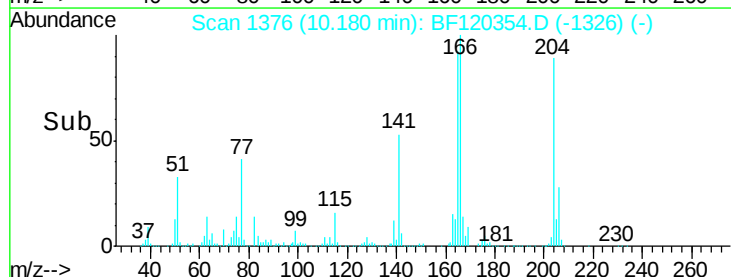
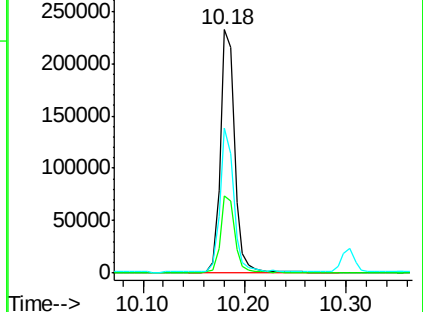
141 59.6 49.5 74.3

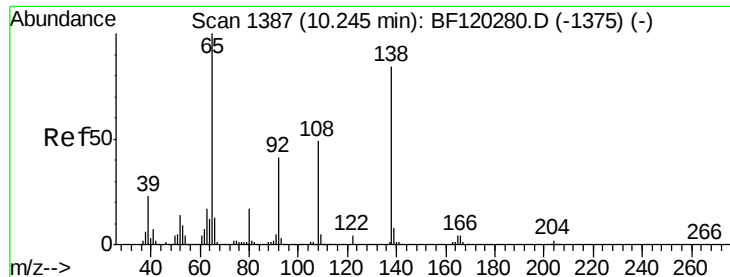


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#62

4-Nitroaniline

Concen: 14.138 ng

RT: 10.22 min Scan# 1382

Delta R.T. -0.01 min

Lab File: BF120354.D

Acq: 18 May 2020 20:55

Instrument :

BNA_F

ClientSampleId :

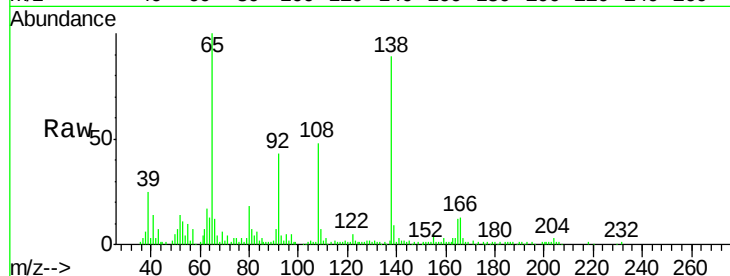
Tot Ion:138 Resp: 100389

Ion Ratio Lower Upper

138 100

92 48.7 28.9 68.9

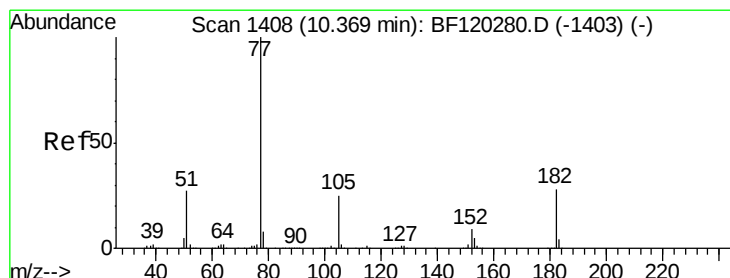
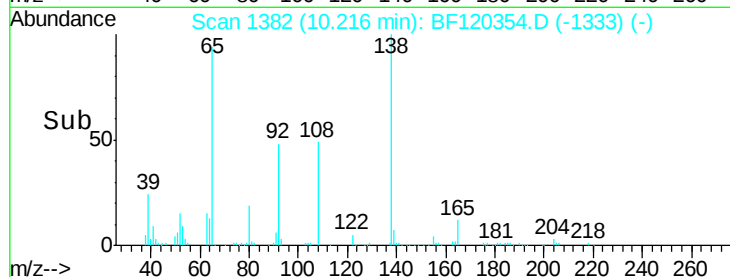
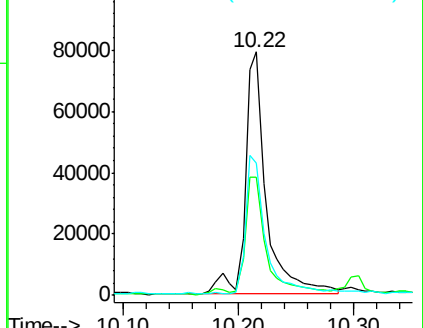
108 54.4 38.4 78.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#63

Azobenzene

Concen: 17.626 ng

RT: 10.34 min Scan# 1403

Delta R.T. -0.01 min

Lab File: BF120354.D

Acq: 18 May 2020 20:55

Tgt Ion: 77 Resp: 460772

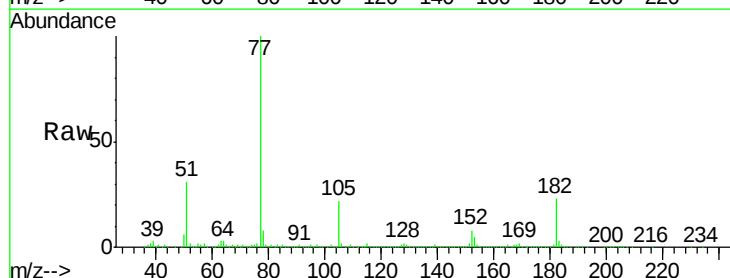
Ion Ratio Lower Upper

77 100

182 22.7 7.4 47.4

105 22.0 4.4 44.4

51 31.4 8.3 48.3

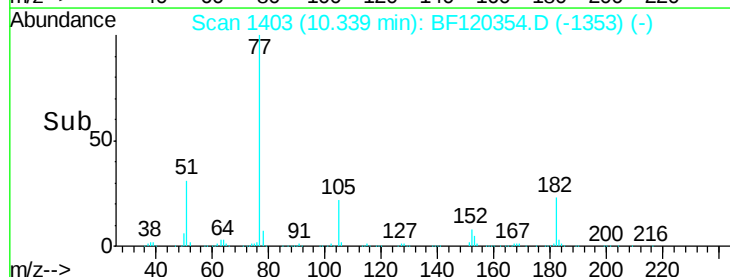
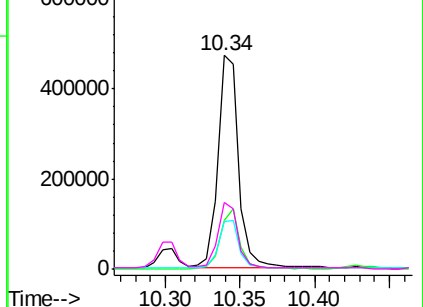


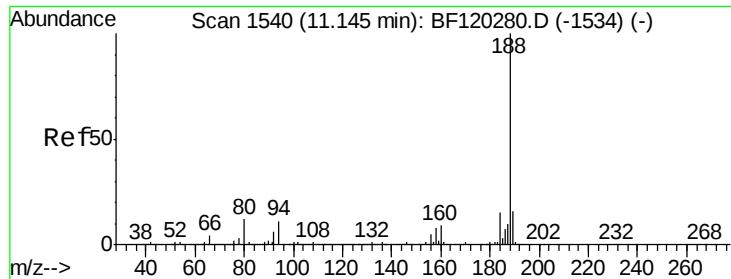
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.12 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BF120354.D

Acq: 18 May 2020 20:55

Instrument :

BNA_F

ClientSampleId :

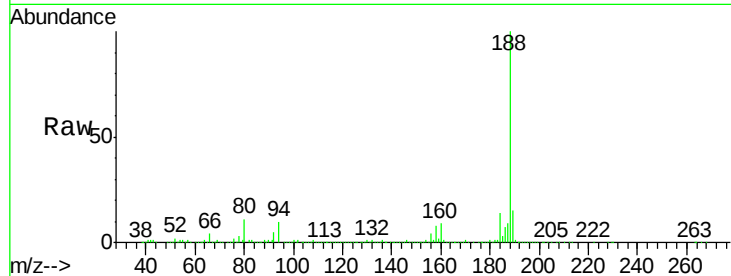
Tot Ion:188 Resp: 692270

Ion Ratio Lower Upper

188 100

94 10.4 8.6 13.0

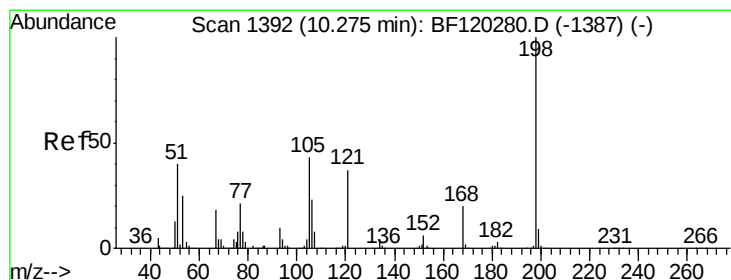
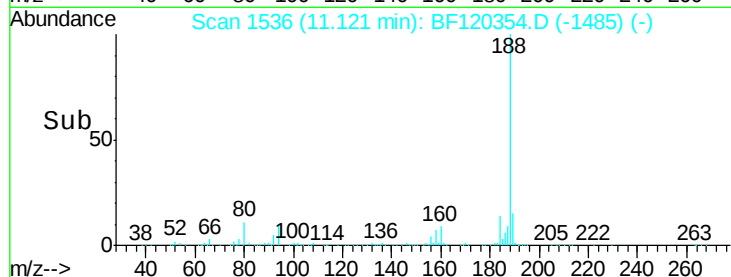
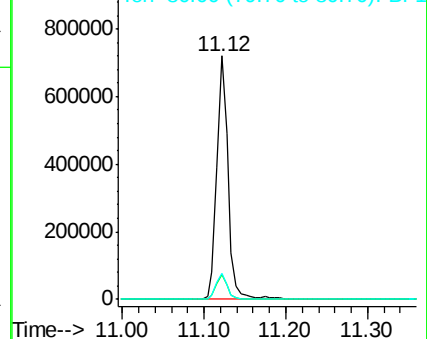
80 10.8 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#65

4,6-Dinitro-2-methylphenol

Concen: 6.340 ng

RT: 10.25 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BF120354.D

Acq: 18 May 2020 20:55

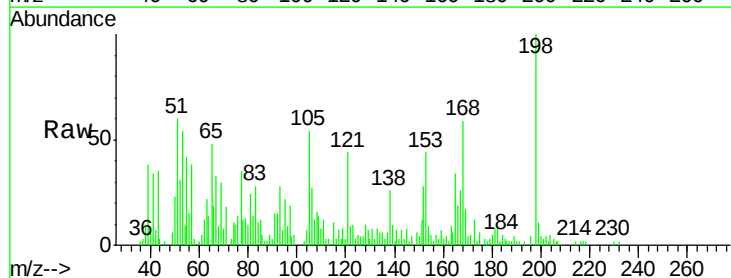
Tgt Ion:198 Resp: 22196

Ion Ratio Lower Upper

198 100

51 59.8 27.1 67.1

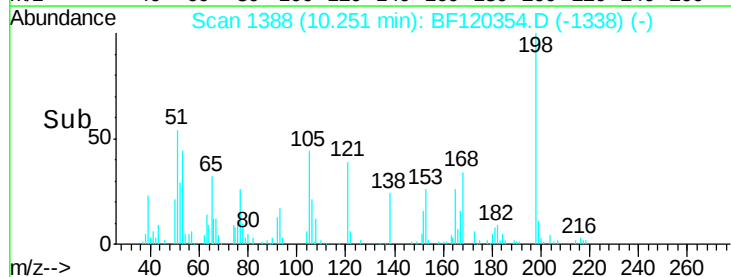
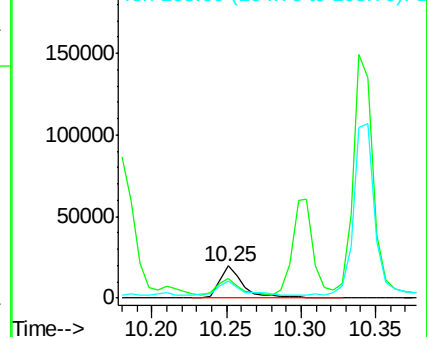
105 54.0 24.3 64.3

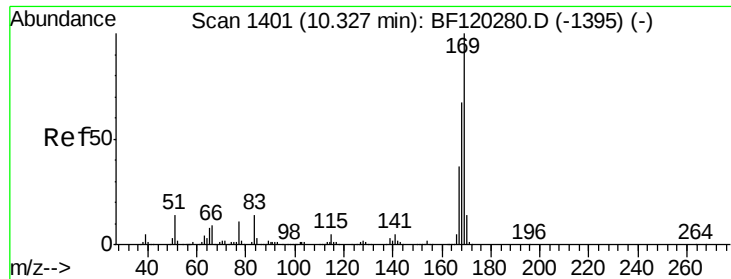


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

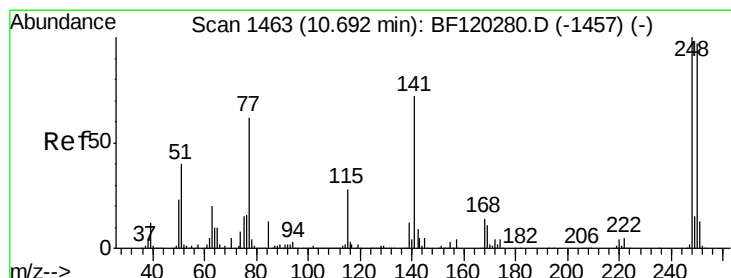
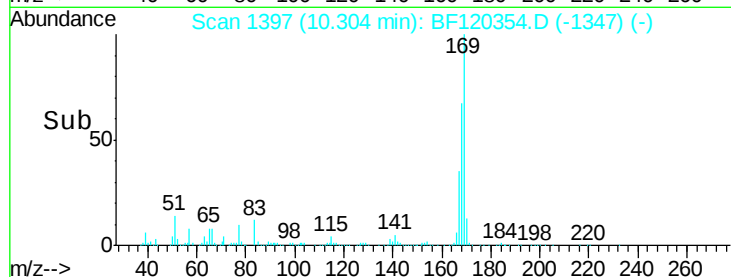
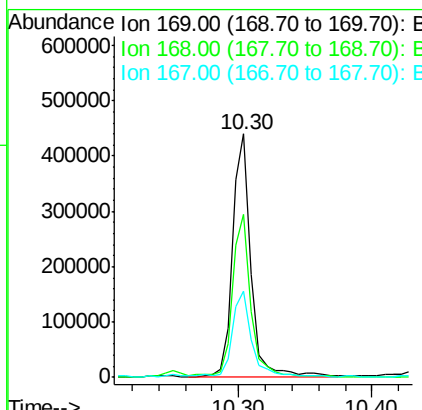
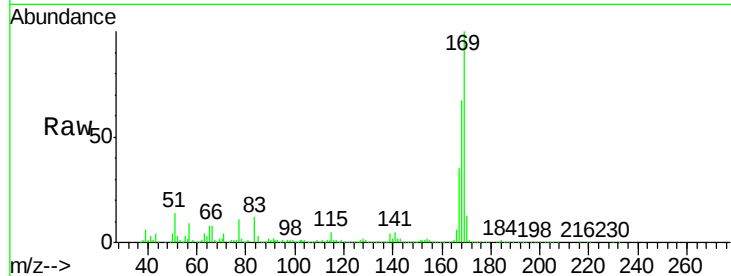




#66
 n-Nitrosodiphenylamine
 Concen: 22.084 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF120354.D
 Acq: 18 May 2020 20:55

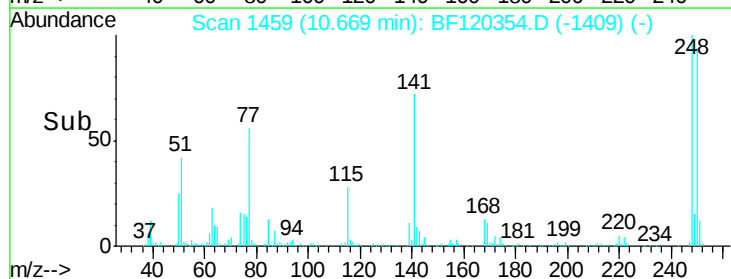
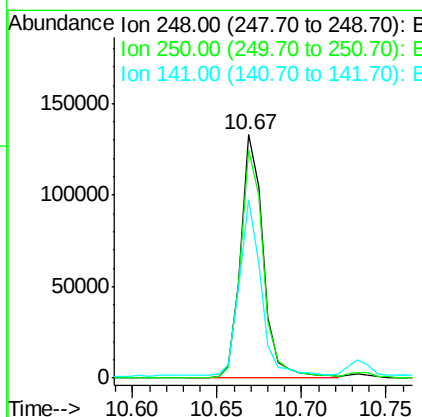
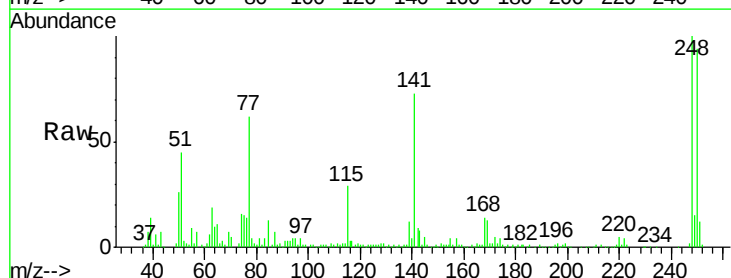
Instrument :
 BNA_F
 ClientSampleId :

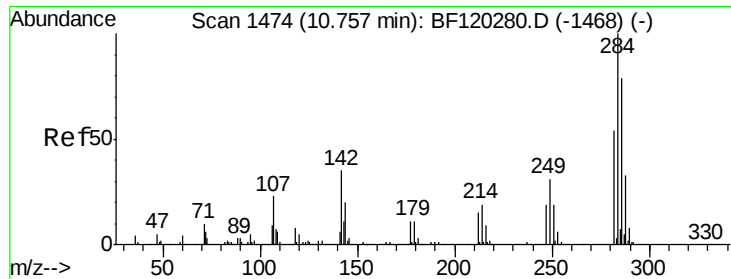
Tot Ion	Ratio	Lower	Upper
169	100		
168	67.2	53.7	80.5
167	35.3	29.8	44.6



#67
 4-Bromophenyl-phenylether
 Concen: 18.517 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF120354.D
 Acq: 18 May 2020 20:55

Tgt Ion	Ratio	Lower	Upper
248	100		
250	93.5	77.8	116.6
141	73.2	57.7	86.5

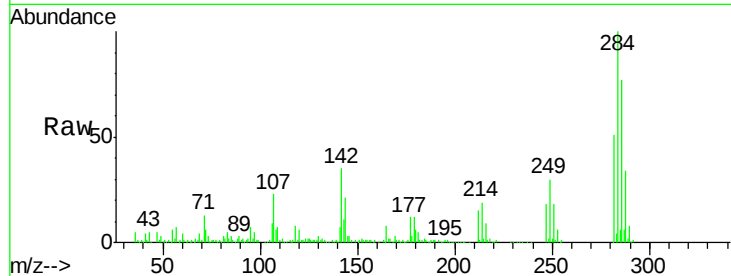




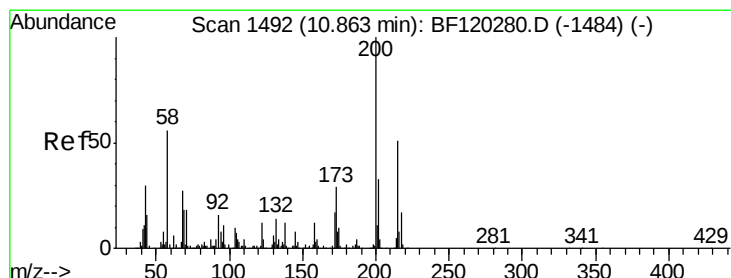
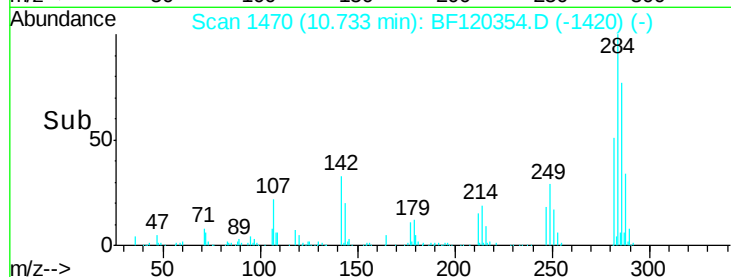
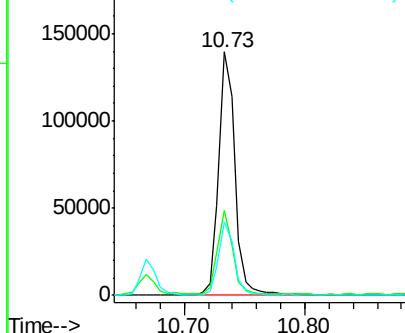
#68
Hexachlorobenzene
Concen: 18.406 ng
RT: 10.73 min Scan# 1470
Delta R.T. -0.01 min
Lab File: BF120354.D
Acq: 18 May 2020 20:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	34.9	28.5	42.7
249	30.0	24.8	37.2

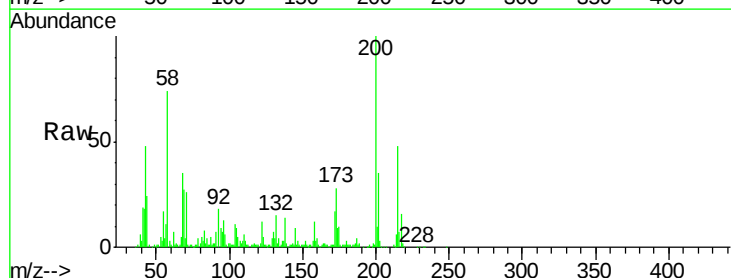


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

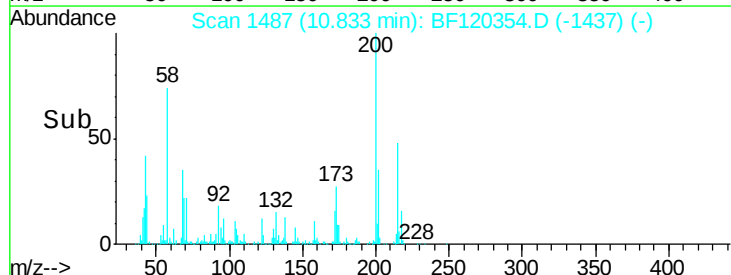
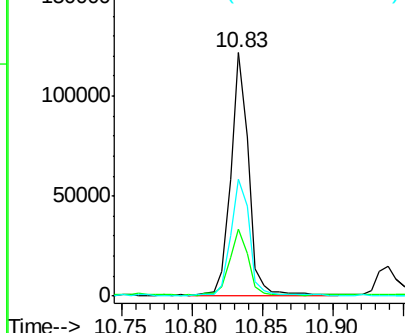


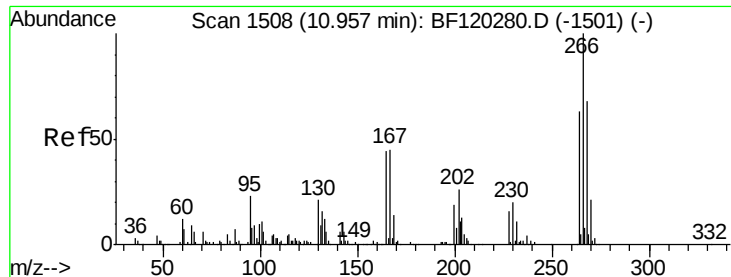
#69
Atrazine
Concen: 18.453 ng
RT: 10.83 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BF120354.D
Acq: 18 May 2020 20:55

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.7	8.7	48.7
215	48.1	30.6	70.6



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

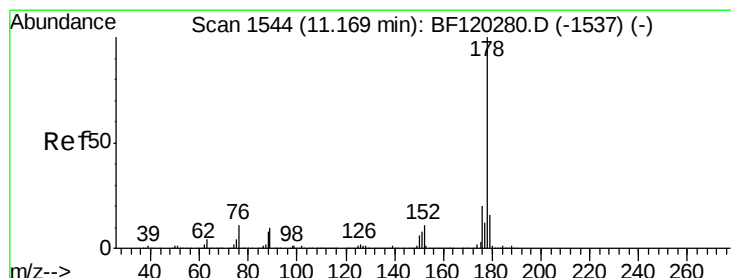
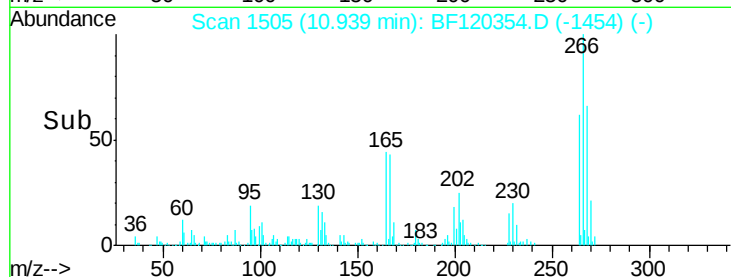
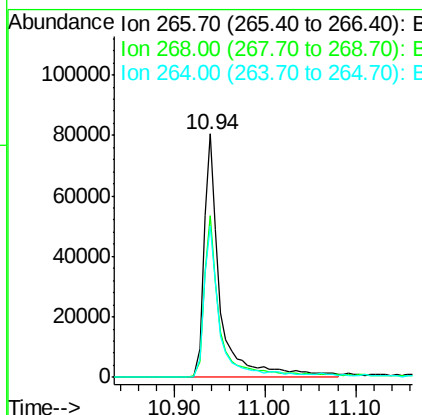
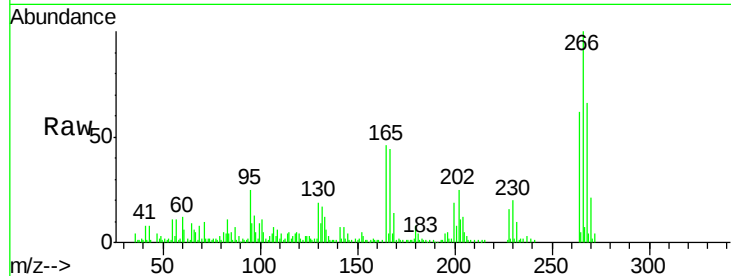




#70
 Pentachlorophenol
 Concen: 33.833 ng
 RT: 10.94 min Scan# 1505
 Delta R.T. -0.00 min
 Lab File: BF120354.D
 Acq: 18 May 2020 20:55

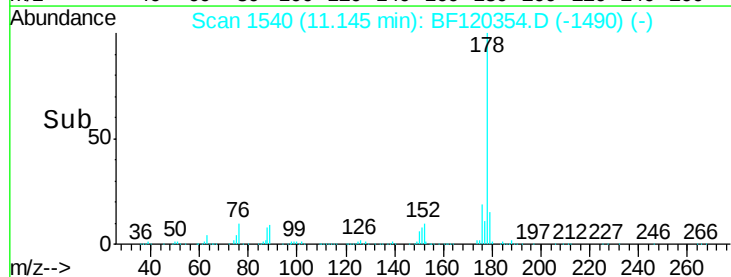
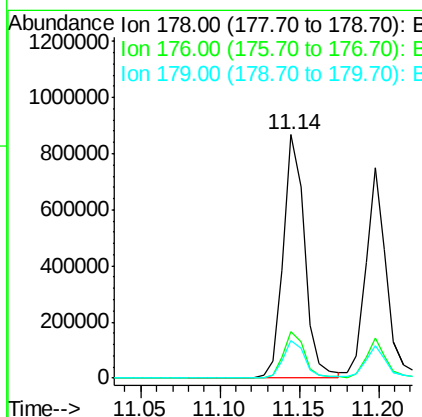
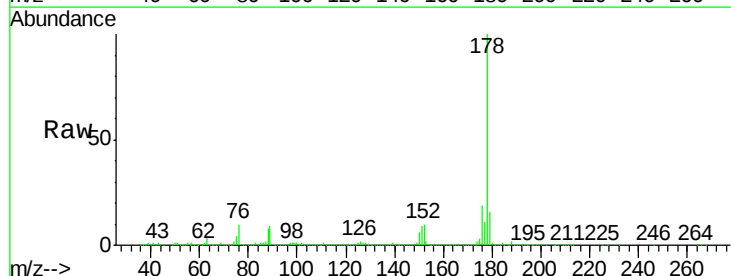
Instrument :
 BNA_F
 ClientSampleId :

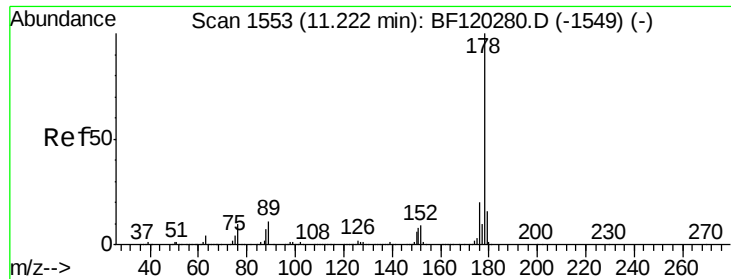
Tot Ion	Ratio	Lower	Upper
266	100		
268	66.3	54.2	81.4
264	62.3	50.2	75.4



#71
 Phenanthrene
 Concen: 27.820 ng
 RT: 11.14 min Scan# 1540
 Delta R.T. -0.01 min
 Lab File: BF120354.D
 Acq: 18 May 2020 20:55

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	15.6	12.8	19.2





#72

Anthracene

Concen: 22.862 ng

RT: 11.20 min Scan# 1549

Delta R.T. -0.01 min

Lab File: BF120354.D

Acq: 18 May 2020 20:55

Instrument :

BNA_F

ClientSampleId :

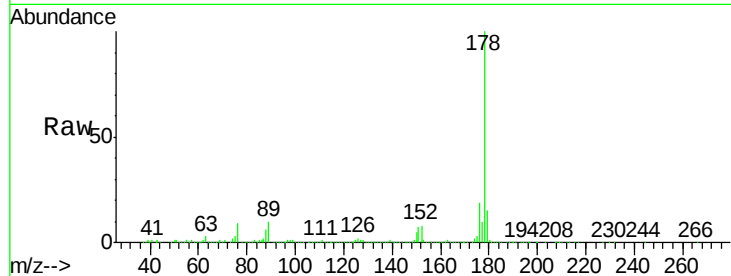
Tot Ion:178 Resp: 711939

Ion Ratio Lower Upper

178 100

176 18.8 15.7 23.5

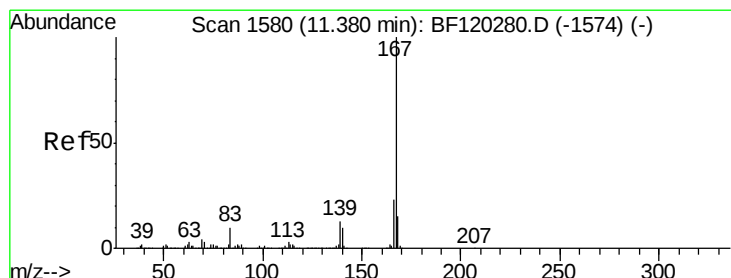
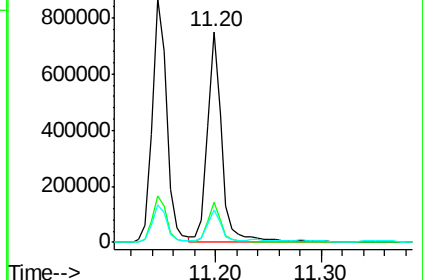
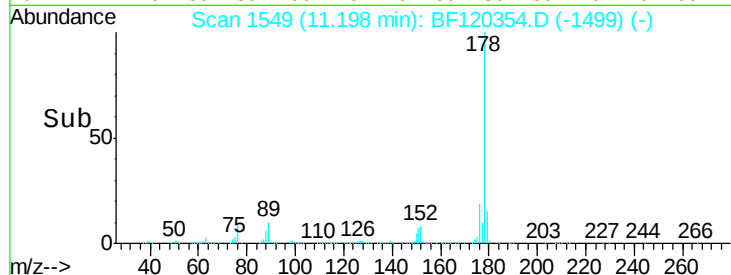
179 15.2 13.0 19.6



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: 19.160 ng

RT: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF120354.D

Acq: 18 May 2020 20:55

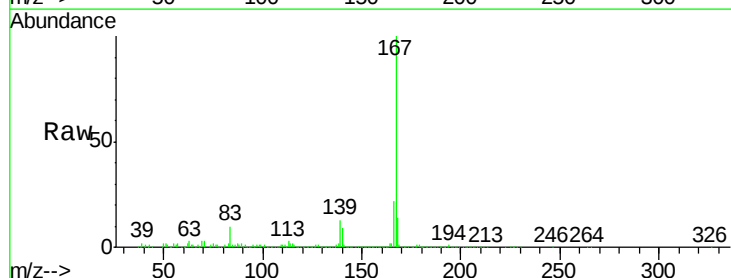
Tgt Ion:167 Resp: 557488

Ion Ratio Lower Upper

167 100

166 22.0 18.1 27.1

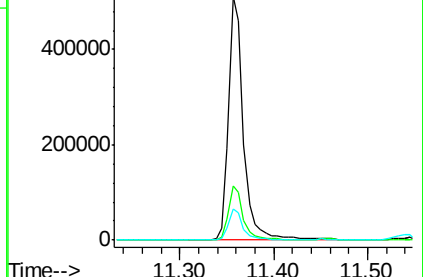
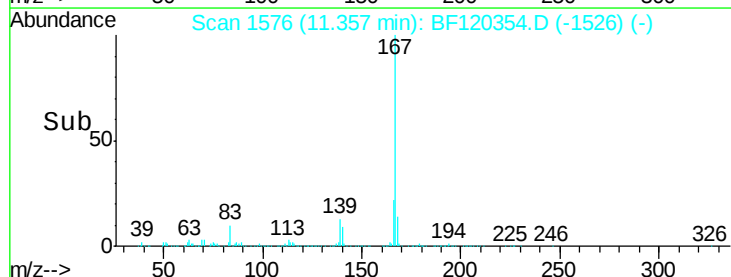
139 12.9 10.6 15.8

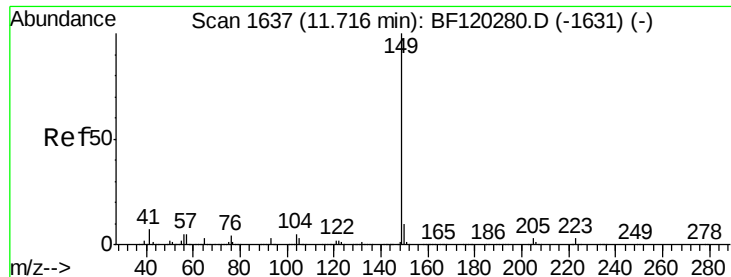


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 20.995 ng

RT: 11.70 min Scan# 1634

Delta R.T. 0.01 min

Lab File: BF120354.D

Acq: 18 May 2020 20:55

Instrument :

BNA_F

ClientSampled :

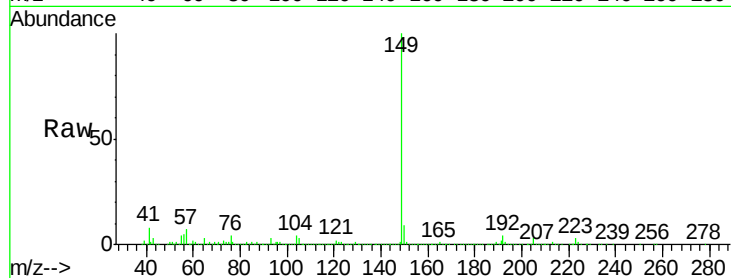
Tot Ion:149 Resp: 736231

Ion Ratio Lower Upper

149 100

150 9.1 8.2 12.4

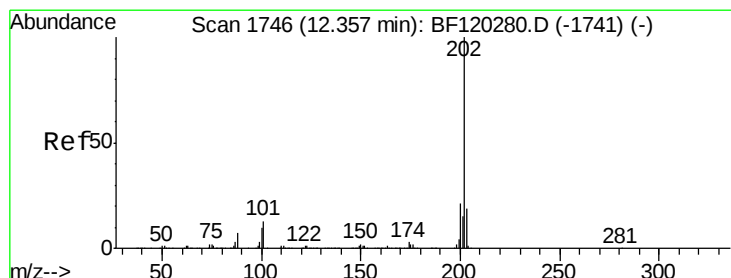
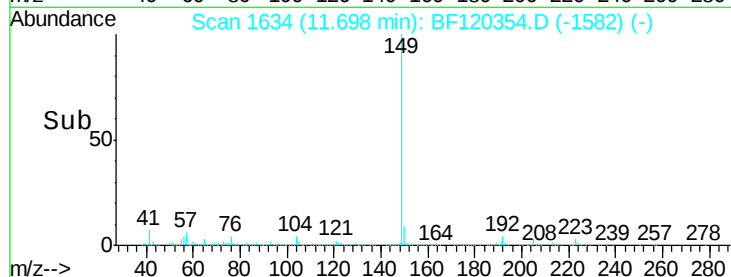
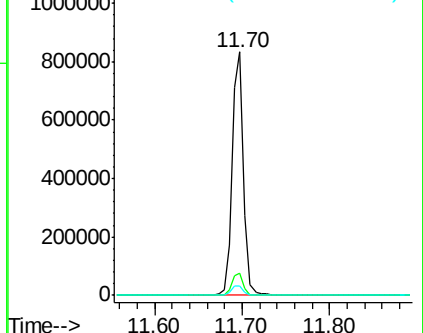
104 4.0 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 34.508 ng

RT: 12.34 min Scan# 1743

Delta R.T. 0.01 min

Lab File: BF120354.D

Acq: 18 May 2020 20:55

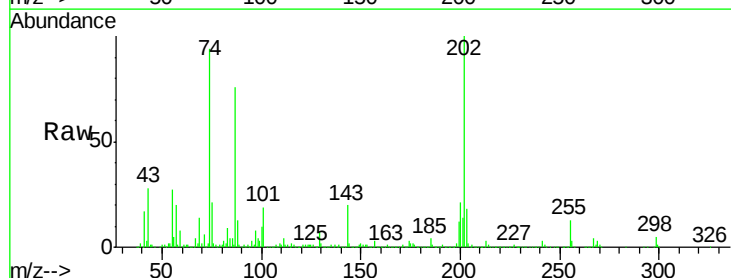
Tgt Ion:202 Resp: 1075923

Ion Ratio Lower Upper

202 100

101 19.2 0.0 33.2

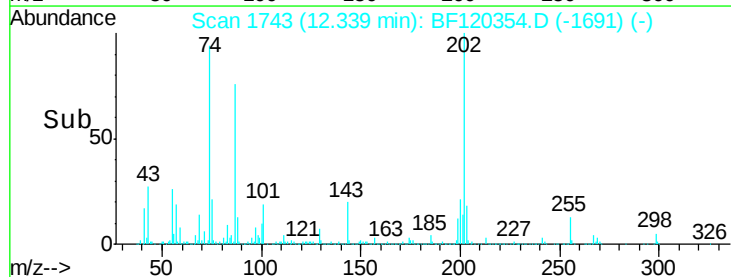
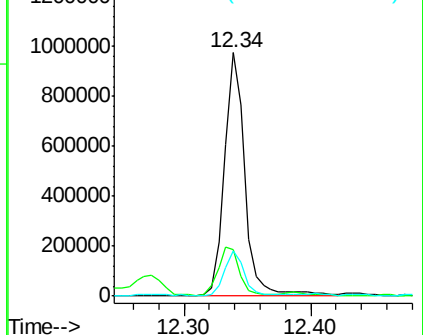
203 18.4 0.0 39.1

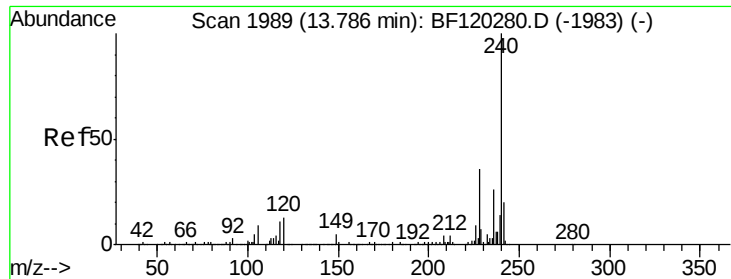


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

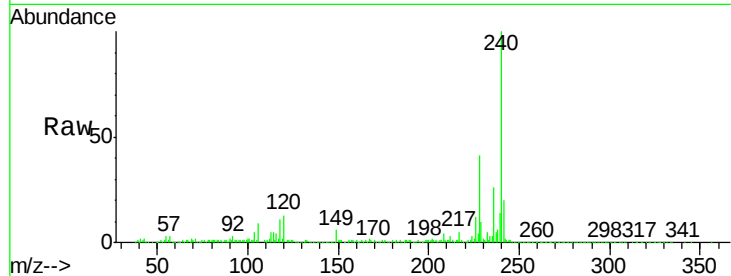




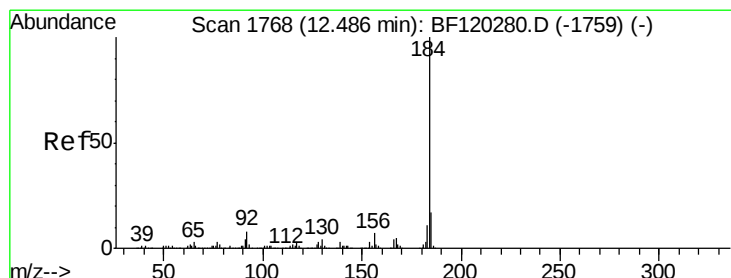
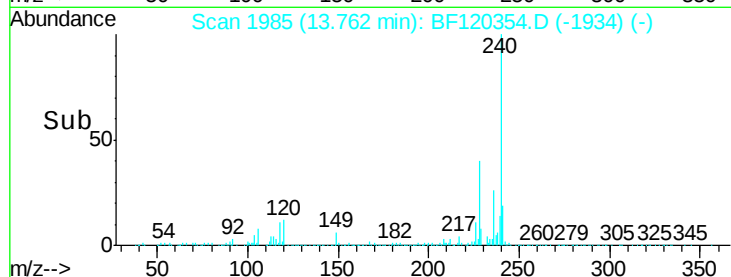
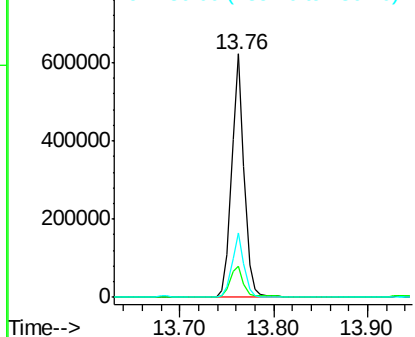
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.76 min Scan# 1985
Delta R.T. -0.00 min
Lab File: BF120354.D
Acq: 18 May 2020 20:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 571143
Ion Ratio Lower Upper
240 100
120 12.6 10.4 15.6
236 26.2 21.0 31.6

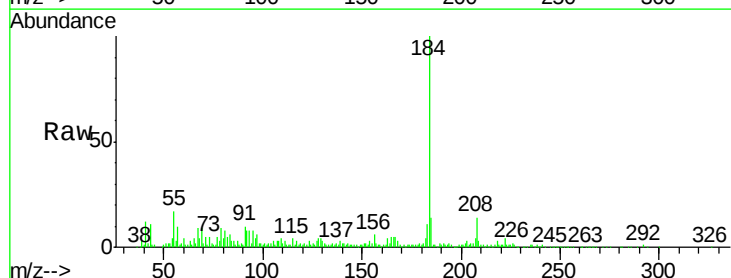


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

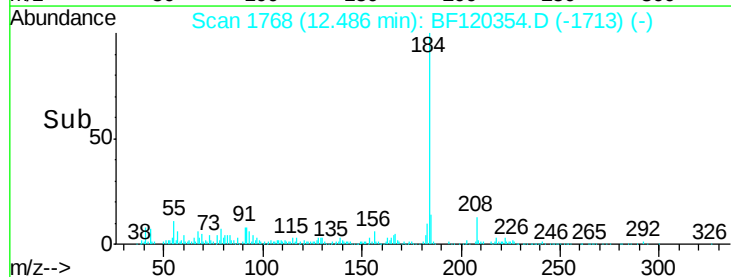
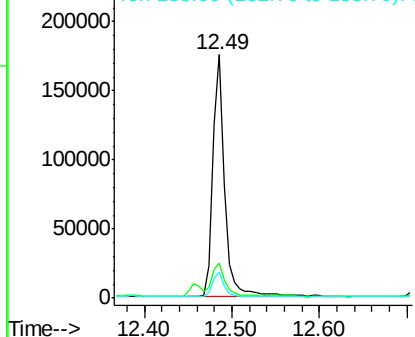


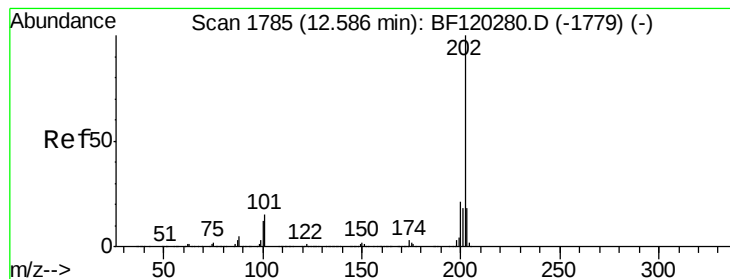
#77
Benzidine
Concen: 10.076 ng
RT: 12.49 min Scan# 1768
Delta R.T. 0.02 min
Lab File: BF120354.D
Acq: 18 May 2020 20:55

Tgt Ion:184 Resp: 168053
Ion Ratio Lower Upper
184 100
185 14.3 13.7 20.5
183 10.6 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

Pvrene

Concen: 35.674 ng

RT: 12.57 min Scan# 1782

Delta R.T. 0.01 min

Lab File: BF120354.D

Acq: 18 May 2020 20:55

Instrument :

BNA_F

ClientSampleId :

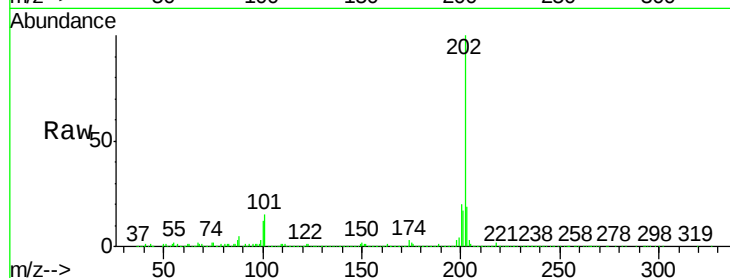
Tot Ion:202 Resp: 1452550

Ion Ratio Lower Upper

202 100

200 20.3 16.6 25.0

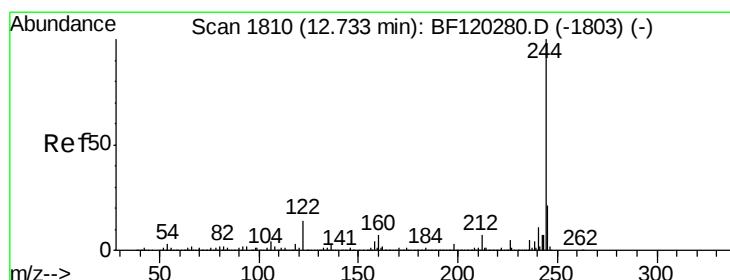
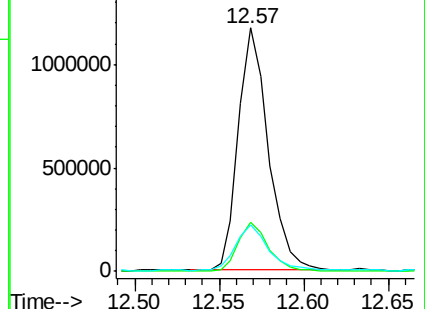
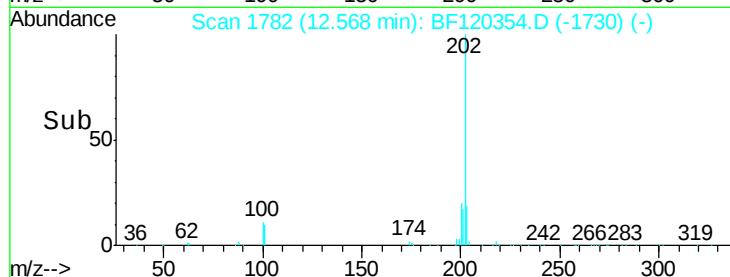
203 19.1 14.6 22.0



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: 38.909 ng

RT: 12.72 min Scan# 1807

Delta R.T. 0.01 min

Lab File: BF120354.D

Acq: 18 May 2020 20:55

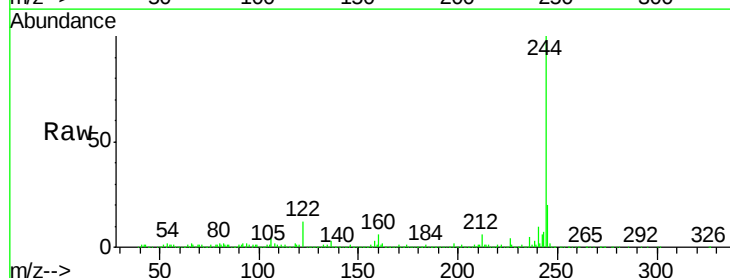
Tgt Ion:244 Resp: 1005897

Ion Ratio Lower Upper

244 100

212 6.4 5.8 8.6

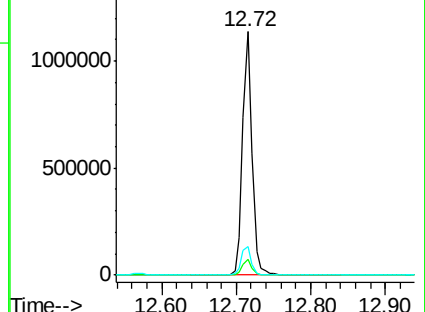
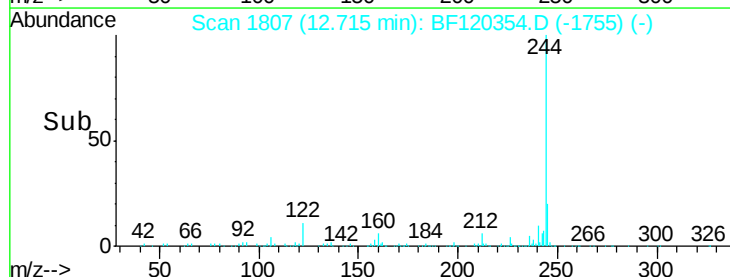
122 11.8 10.8 16.2

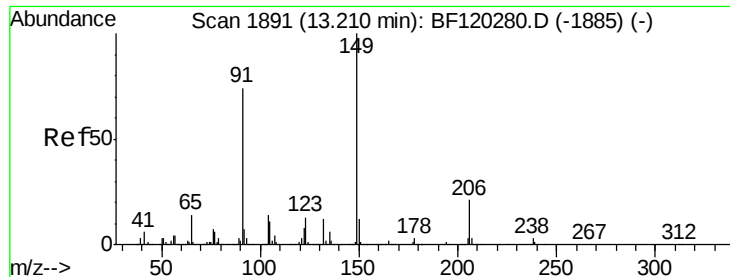


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

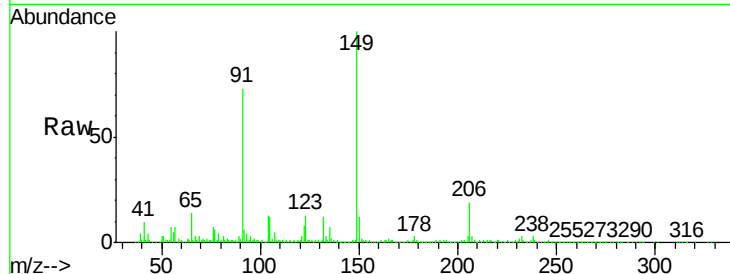




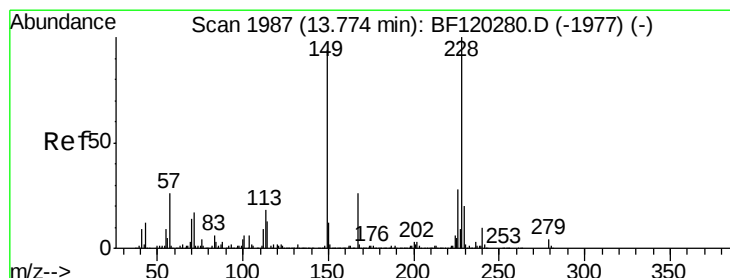
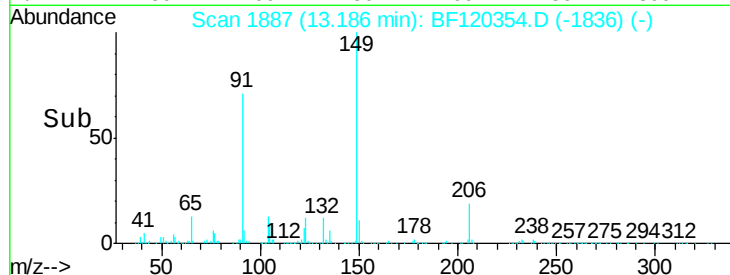
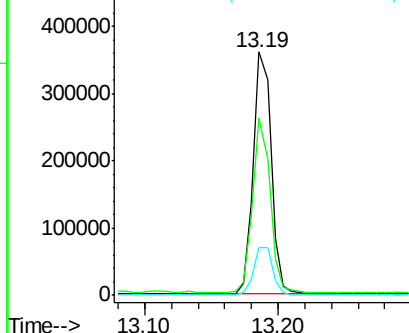
#80
Butylbenzylphthalate
Concen: 17.293 ng
RT: 13.19 min Scan# 1887
Delta R.T. -0.00 min
Lab File: BF120354.D
Acq: 18 May 2020 20:55

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
91	72.8	59.0	88.4
206	19.4	16.8	25.2

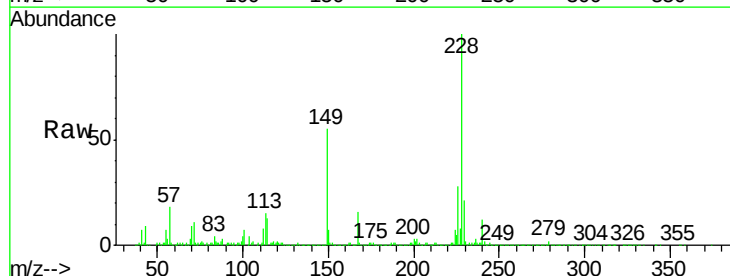


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

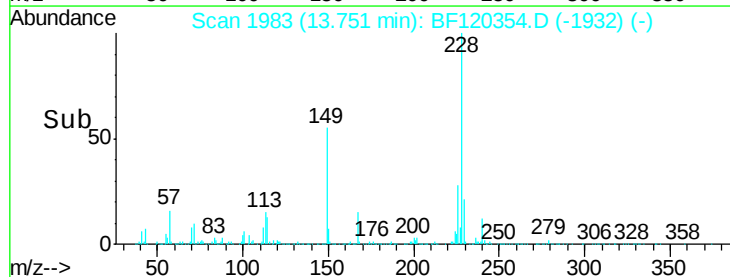
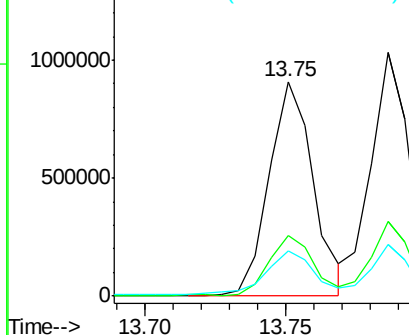


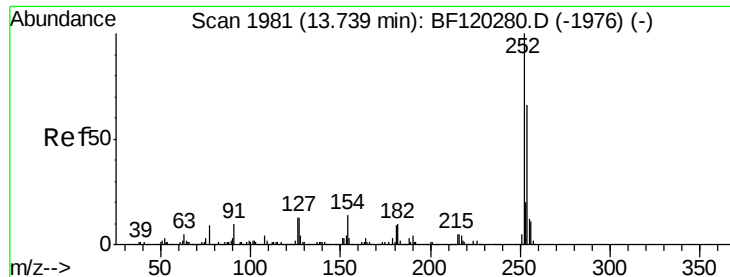
#81
Benzo(a)anthracene
Concen: 32.487 ng
RT: 13.75 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BF120354.D
Acq: 18 May 2020 20:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	20.9	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: 14.147 ng

RT: 13.72 min Scan# 1977

Delta R.T. -0.00 min

Lab File: BF120354.D

Acq: 18 May 2020 20:55

Instrument :

BNA_F

ClientSampleId :

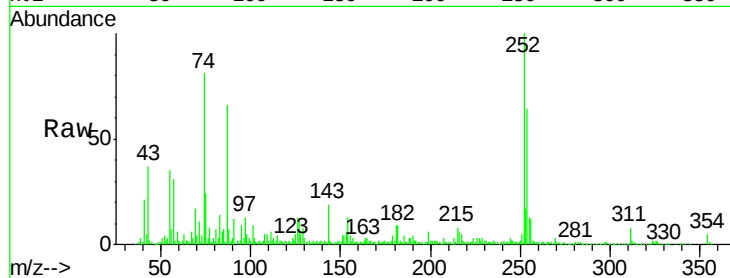
Tot Ion:252 Resp: 160602

Ion Ratio Lower Upper

252 100

254 63.6 52.6 78.8

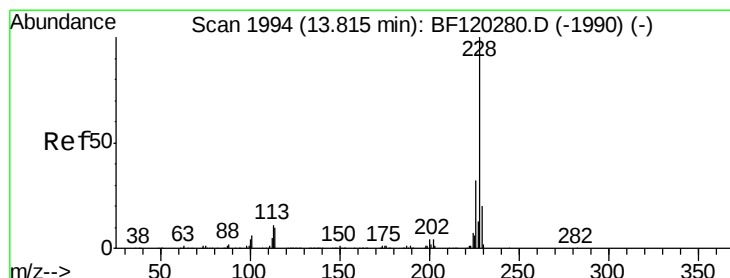
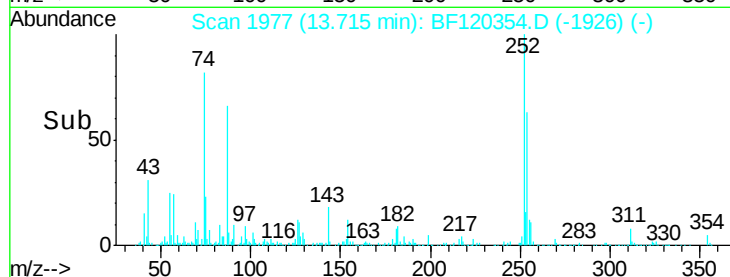
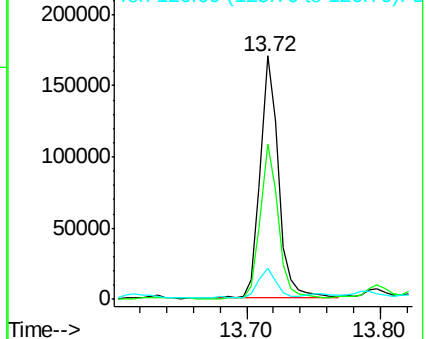
126 12.6 10.7 16.1



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: 30.623 ng

RT: 13.79 min Scan# 1989

Delta R.T. -0.00 min

Lab File: BF120354.D

Acq: 18 May 2020 20:55

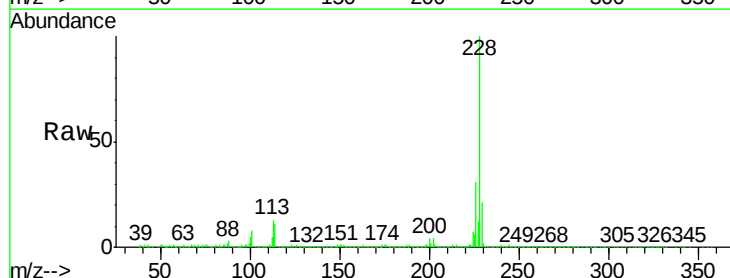
Tgt Ion:228 Resp: 990576

Ion Ratio Lower Upper

228 100

226 30.8 25.0 37.6

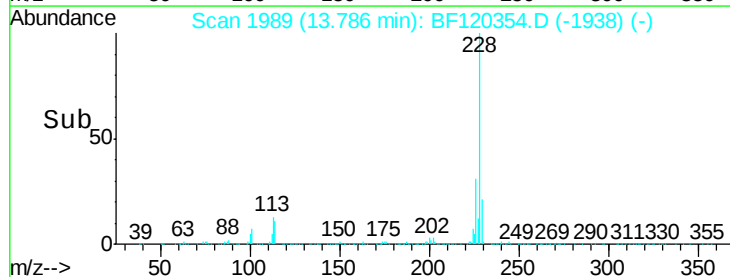
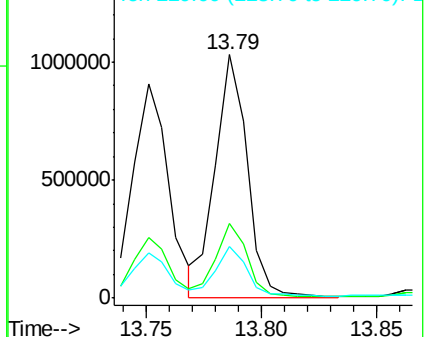
229 21.2 16.2 24.4

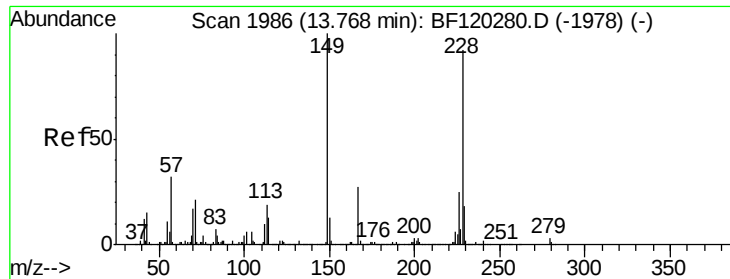


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 18.161 ng

RT: 13.75 min Scan# 1983

Delta R.T. 0.01 min

Lab File: BF120354.D

Acq: 18 May 2020 20:55

Instrument :

BNA_F

ClientSampleId :

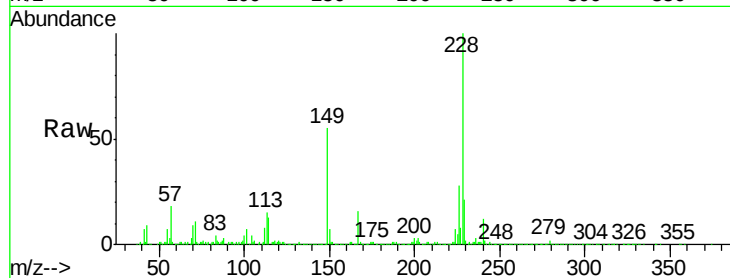
Tot Ion:149 Resp: 433207

Ion Ratio Lower Upper

149 100

167 28.4 21.8 32.8

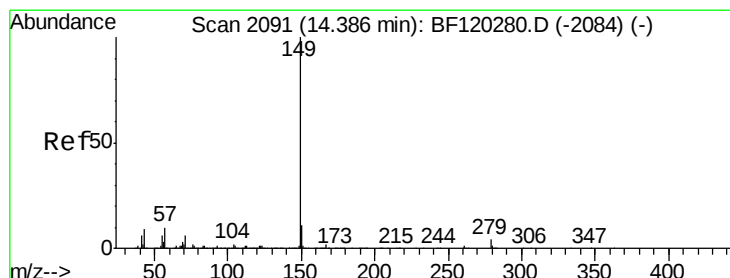
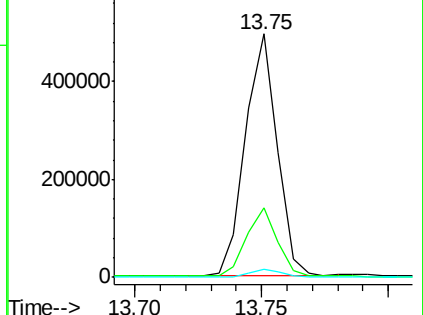
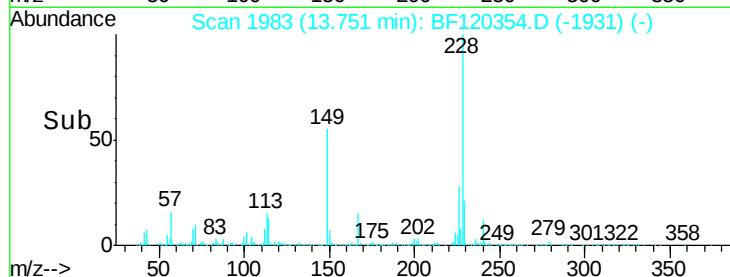
279 3.5 2.8 4.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 18.720 ng

RT: 14.36 min Scan# 2087

Delta R.T. 0.01 min

Lab File: BF120354.D

Acq: 18 May 2020 20:55

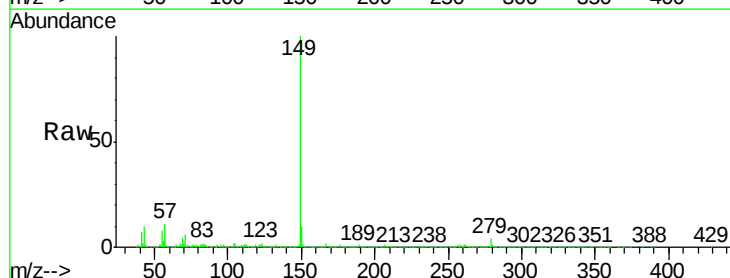
Tgt Ion:149 Resp: 803351

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

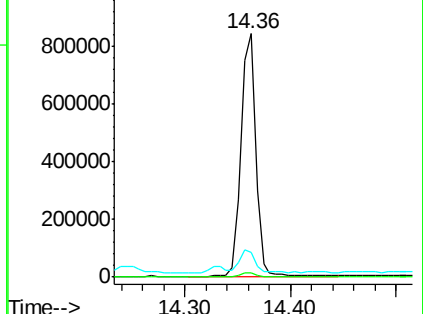
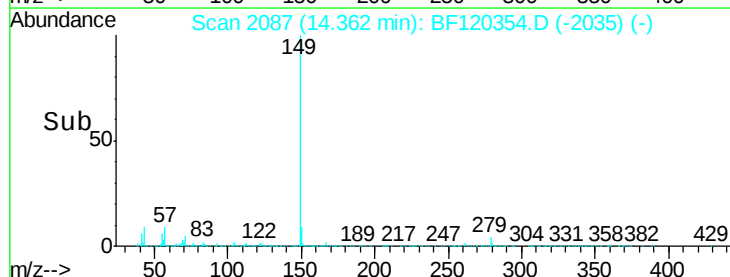
43 9.2 7.5 11.3

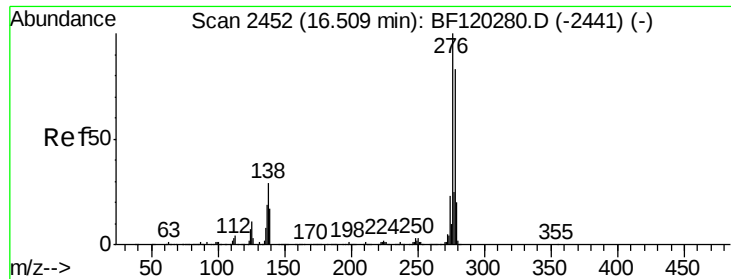


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

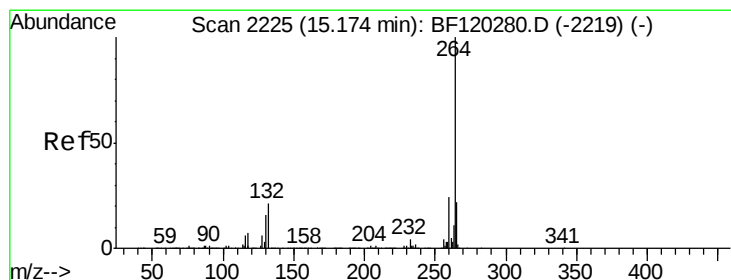
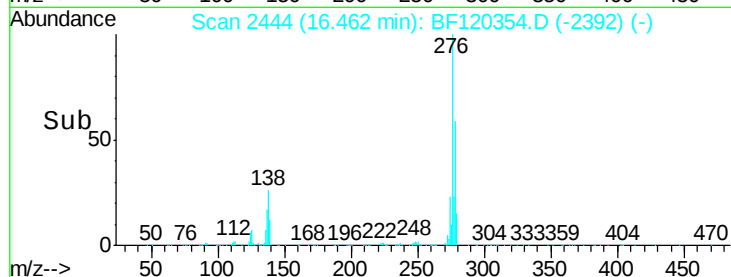
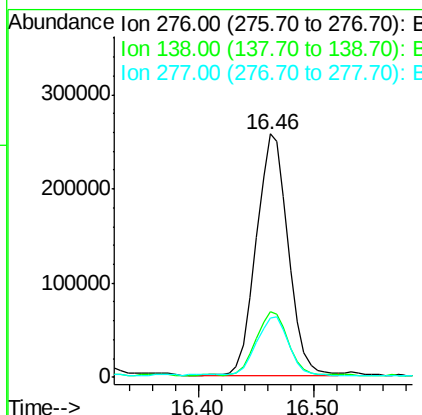
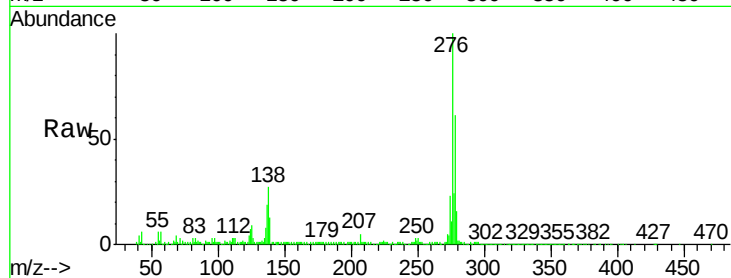




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 16.845 ng
 RT: 16.46 min Scan# 2444
 Delta R.T. 0.01 min
 Lab File: BF120354.D
 Acq: 18 May 2020 20:55

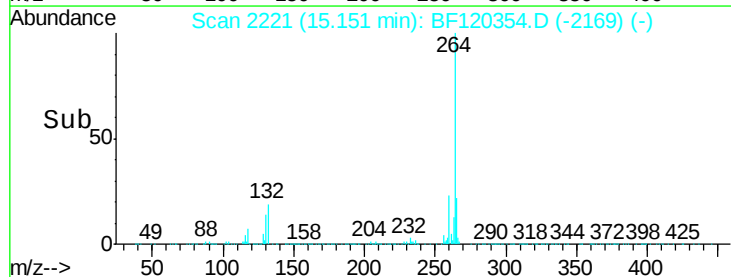
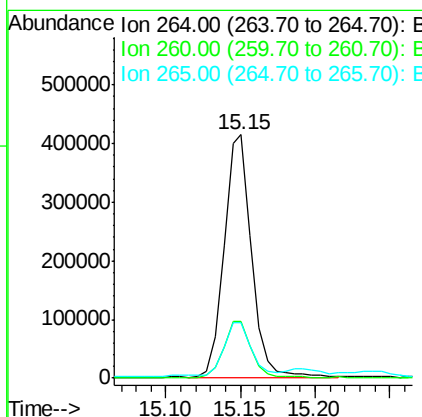
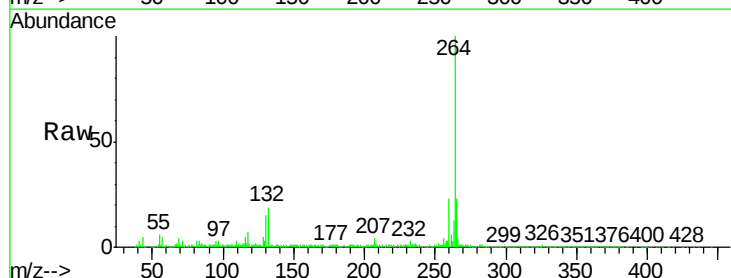
Instrument :
 BNA_F
 ClientSampleId :

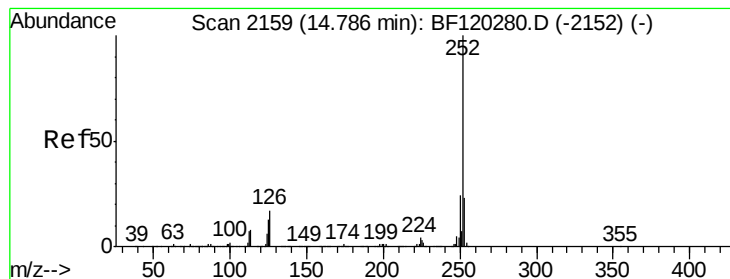
Tot Ion:276 Resp: 494558
 Ion Ratio Lower Upper
 276 100
 138 26.3 23.3 34.9
 277 24.9 20.2 30.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.15 min Scan# 2221
 Delta R.T. 0.01 min
 Lab File: BF120354.D
 Acq: 18 May 2020 20:55

Tgt Ion:264 Resp: 532226
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.6
 265 22.5 17.5 26.3





#88

Benzo(b)fluoranthene

Concen: 29.534 ng

RT: 14.76 min Scan# 2155

Delta R.T. -0.00 min

Lab File: BF120354.D

Acq: 18 May 2020 20:55

Instrument :

BNA_F

ClientSampleId :

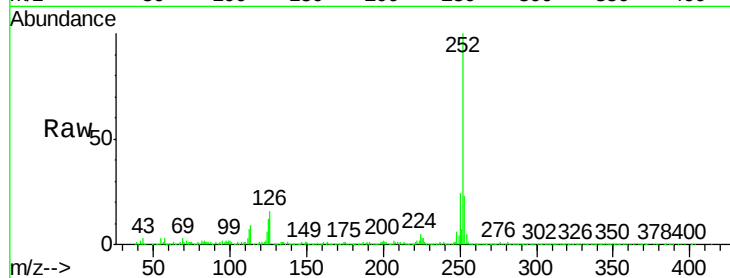
Tot Ion:252 Resp: 858450

Ion Ratio Lower Upper

252 100

253 23.1 18.1 27.1

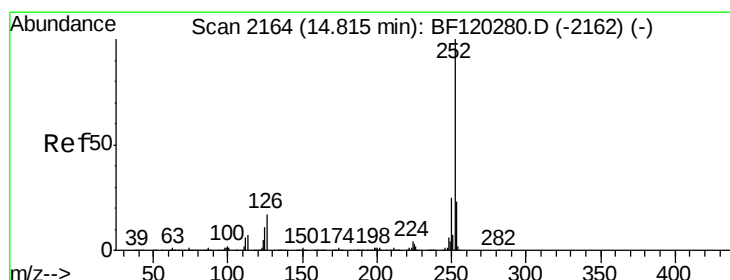
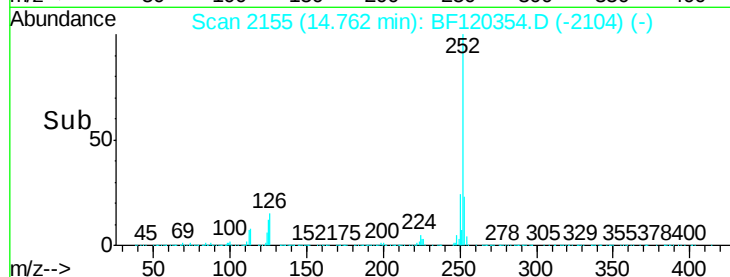
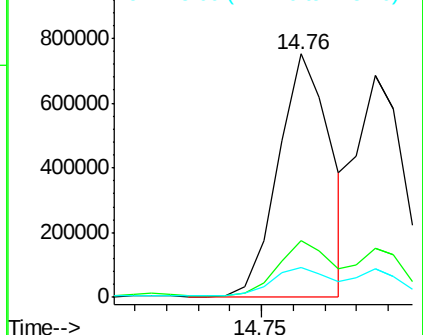
125 12.2 10.4 15.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 28.437 ng

RT: 14.79 min Scan# 2159

Delta R.T. -0.00 min

Lab File: BF120354.D

Acq: 18 May 2020 20:55

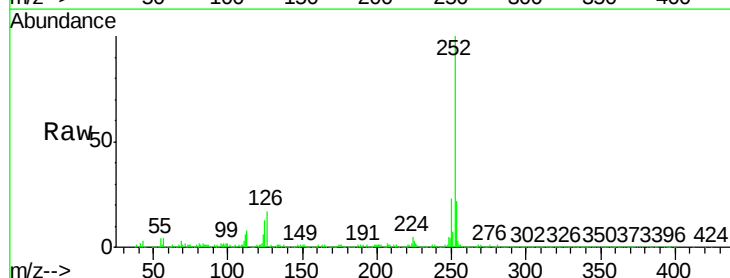
Tgt Ion:252 Resp: 716109

Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.2

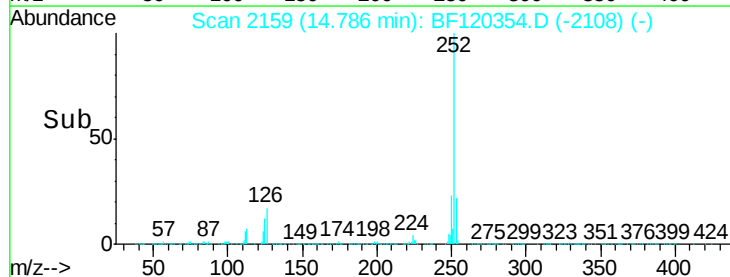
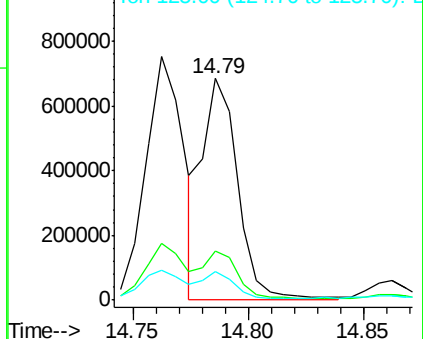
125 12.7 9.9 14.9

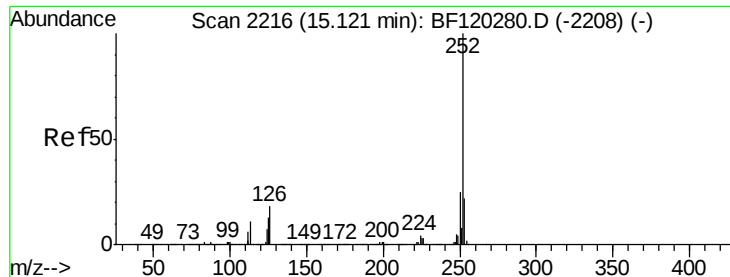


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

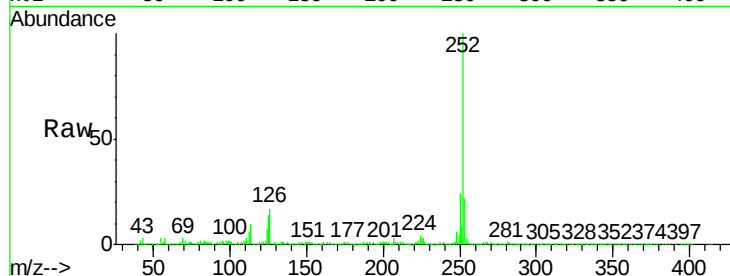




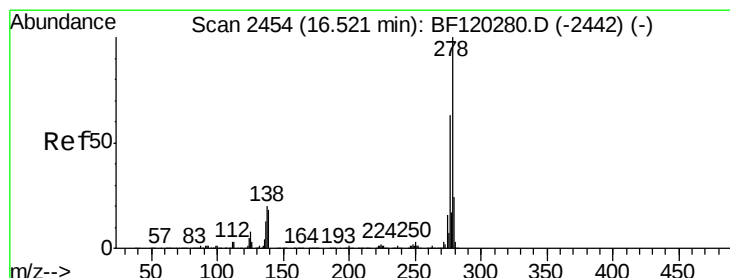
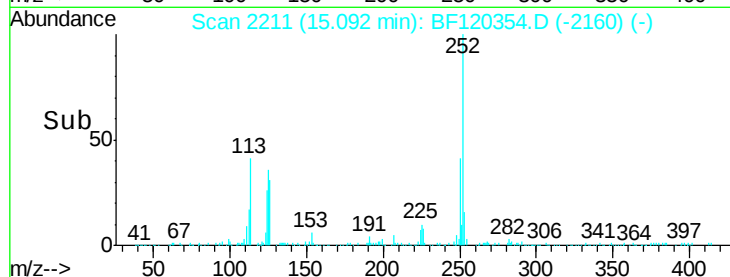
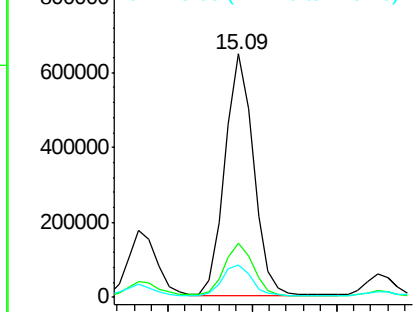
#90
Benzo(a)pyrene
Concen: 29.368 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.00 min
Lab File: BF120354.D
Acq: 18 May 2020 20:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 765555
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 13.6 10.6 16.0

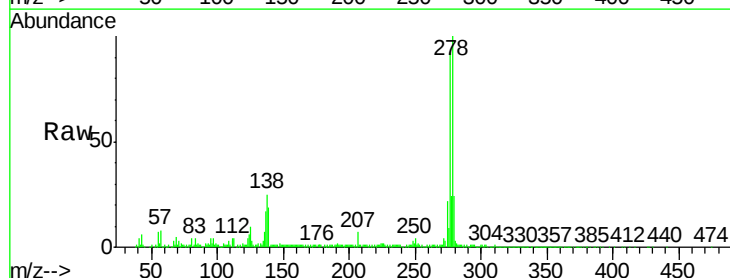


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

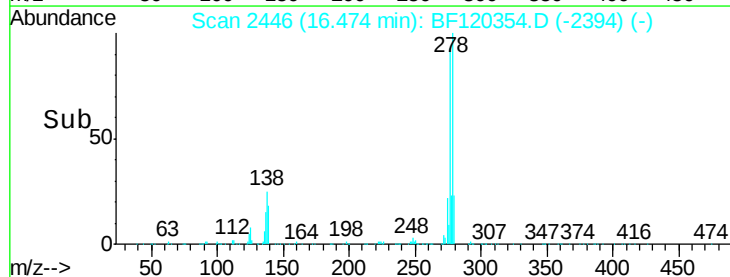
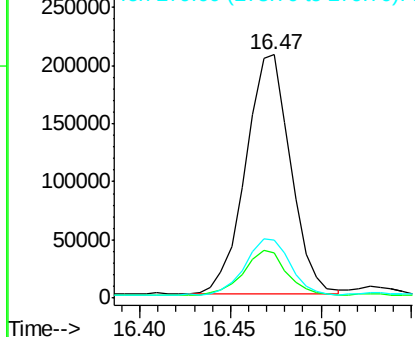


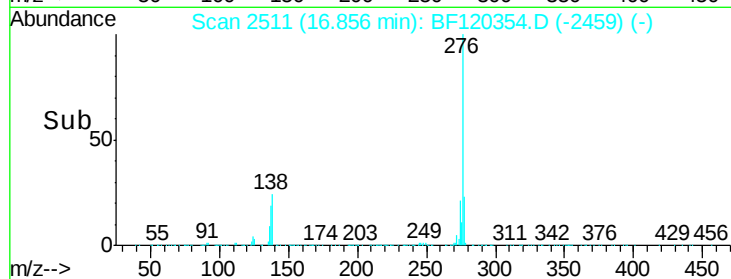
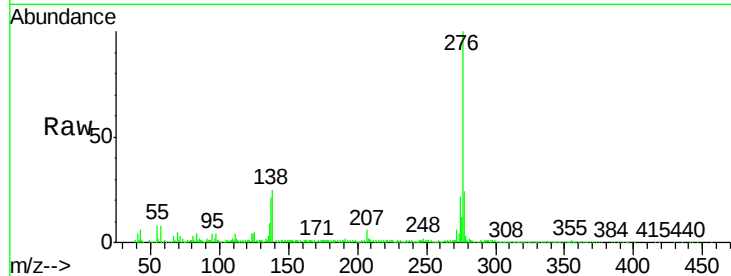
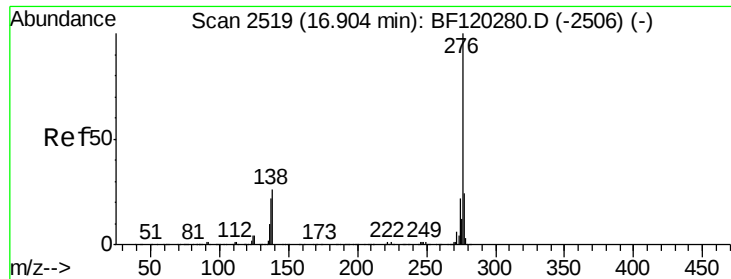
#91
Dibenzo(a,h)anthracene
Concen: 15.416 ng
RT: 16.47 min Scan# 2446
Delta R.T. 0.01 min
Lab File: BF120354.D
Acq: 18 May 2020 20:55

Tgt Ion:278 Resp: 356005
Ion Ratio Lower Upper
278 100
139 18.6 14.7 22.1
279 24.1 19.2 28.8



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





#92

Benzo(a,h,i)perylene

Concen: 18.215 ng

RT: 16.86 min Scan# 2511

Delta R.T. 0.01 min

Lab File: BF120354.D

Acq: 18 May 2020 20:55

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 424181

Ion Ratio Lower Upper

276 100

277 23.7 19.1 28.7

138 24.6 20.8 31.2

