

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100120\
 Data File : BF121782.D
 Acq On : 1 Oct 2020 22:51
 Operator : JU/CG
 Sample : L4179-10MSD 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-11(1-2)MSD

Quant Time: Oct 02 00:41:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 01 14:29:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	140545	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	500890	20.00	ng	0.00
39) Acenaphthene-d10	9.81	164	216638	20.00	ng	0.00
64) Phenanthrene-d10	11.30	188	351461	20.00	ng	0.00
76) Chrysene-d12	13.94	240	317141	20.00	ng	0.00
86) Perylene-d12	15.39	264	246199	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	347659	36.76	ng	0.00
7) Phenol-d6	6.42	99	426035	34.34	ng	0.00
23) Nitrobenzene-d5	7.34	82	272781	29.24	ng	0.00
42) 2,4,6-Tribromophenol	10.60	330	82886	30.78	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	466229	32.59	ng	0.00
79) Terphenyl-d14	12.88	244	394325	25.19	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	47493	10.931	ng	98
3) Pyridine	3.23	79	128674	10.713	ng	100
4) n-Nitrosodimethylamine	3.16	42	70512	12.656	ng	94
6) Aniline	6.43	93	156952	9.713	ng	# 76
8) 2-Chlorophenol	6.56	128	133799	13.896	ng	94
9) Benzaldehyde	6.32	77	40035	4.936	ng	99
10) Phenol	6.43	94	174750	13.226	ng	95
11) bis(2-Chloroethyl)ether	6.51	93	136912	13.749	ng	95
12) 1,3-Dichlorobenzene	6.72	146	146210	13.605	ng	97
13) 1,4-Dichlorobenzene	6.79	146	146318	13.559	ng	98
14) 1,2-Dichlorobenzene	6.95	146	139969	14.080	ng	99
15) Benzyl Alcohol	6.92	79	110093	13.055	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.05	45	209617	13.081	ng	90
17) 2-Methylphenol	7.04	107	105383	12.863	ng	96
18) Hexachloroethane	7.29	117	34323	8.883	ng	95
19) n-Nitroso-di-n-propylamine	7.19	70	98191	13.732	ng	97
20) 3+4-Methylphenols	7.19	107	138317	14.052	ng	# 65
22) Acetophenone	7.18	105	190144	14.962	ng	# 89
24) Nitrobenzene	7.36	77	137794	13.657	ng	97
25) Isophorone	7.59	82	247554	13.182	ng	98
26) 2-Nitrophenol	7.67	139	49658	12.456	ng	98
27) 2,4-Dimethylphenol	7.72	122	112204	13.385	ng	98
28) bis(2-Chloroethoxy)methane	7.80	93	159451	13.715	ng	99
29) 2,4-Dichlorophenol	7.93	162	100303	13.137	ng	94
30) 1,2,4-Trichlorobenzene	8.00	180	107487	13.367	ng	100
31) Naphthalene	8.08	128	360686	13.641	ng	99
32) Benzoic acid	7.82	122	42593	12.762	ng	95
33) 4-Chloroaniline	8.13	127	121035	10.560	ng	97
34) Hexachlorobutadiene	8.20	225	65068	13.786	ng	96
35) Caprolactam	8.48	113	31693	12.465	ng	96
36) 4-Chloro-3-methylphenol	8.62	107	98460	11.971	ng	98
37) 2-Methylnaphthalene	8.77	142	230581	13.307	ng	99
38) 1-Methylnaphthalene	8.87	142	209430	12.986	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.94	216	100387	14.835	ng	98

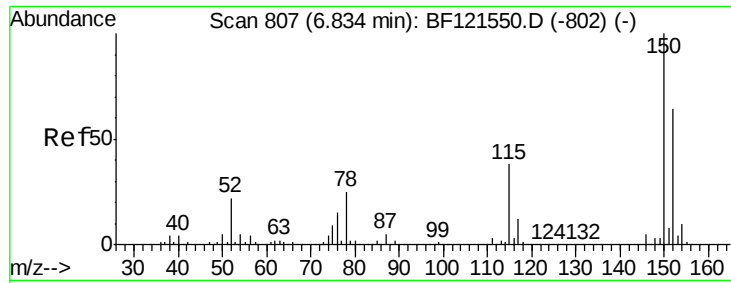
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100120\
 Data File : BF121782.D
 Acq On : 1 Oct 2020 22:51
 Operator : JU/CG
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 01 14:29:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.05	196	63125	13.686	nq	98
44) 2,4,5-Trichlorophenol	9.10	196	64316	13.190	nq	99
46) 1,1'-Biphenyl	9.23	154	265029	15.281	nq	97
47) 2-Chloronaphthalene	9.26	162	195768	14.324	nq	100
48) 2-Nitroaniline	9.36	65	67259	15.837	nq	98
49) Acenaphthylene	9.67	152	290918	13.854	nq	100
50) Dimethylphthalate	9.53	163	289723	18.452	nq	100
51) 2,6-Dinitrotoluene	9.60	165	40640	12.153	nq	86
52) Acenaphthene	9.85	154	170905	12.886	nq	99
53) 3-Nitroaniline	9.76	138	53646	13.849	nq	98
54) 2,4-Dinitrophenol	9.89	184	844	9.436	nq	# 61
55) Dibenzofuran	10.02	168	251911	13.487	nq	99
56) 4-Nitrophenol	9.94	139	60096	19.453	nq	90
57) 2,4-Dinitrotoluene	10.00	165	47565	11.307	nq	91
58) Fluorene	10.36	166	197795	13.848	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.14	232	47970	12.101	nq	98
60) Diethylphthalate	10.23	149	219595	14.344	nq	98
61) 4-Chlorophenyl-phenylether	10.35	204	96806	14.148	nq	96
62) 4-Nitroaniline	10.37	138	53492	13.908	nq	99
63) Azobenzene	10.51	77	199128	12.215	nq	99
65) 4,6-Dinitro-2-methylphenol	10.42	198	1316	7.375	nq	# 40
66) n-Nitrosodiphenylamine	10.47	169	180169	14.942	nq	99
67) 4-Bromophenyl-phenylether	10.84	248	56809	14.197	nq	97
68) Hexachlorobenzene	10.91	284	60806	13.465	nq	95
69) Atrazine	10.99	200	37191	12.415	nq	98
70) Pentachlorophenol	11.11	266	46524	18.759	nq	97
71) Phenanthrene	11.32	178	269774	14.088	nq	98
72) Anthracene	11.37	178	269484	13.637	nq	98
73) Carbazole	11.53	167	238401	13.369	nq	98
74) Di-n-butylphthalate	11.86	149	320409	15.568	nq	99
75) Fluoranthene	12.51	202	291133	14.242	nq	98
77) Benzidine	12.63	184	137696	13.097	nq	100
78) Pyrene	12.74	202	300420	12.965	nq	98
80) Butylbenzylphthalate	13.36	149	123555	13.185	nq	94
81) Benzo(a)anthracene	13.93	228	284662	14.188	nq	99
82) 3,3'-Dichlorobenzidine	13.89	252	97823	12.489	nq	97
83) Chrysene	13.96	228	279932	13.778	nq	99
84) Bis(2-ethylhexyl)phthalate	13.92	149	183333	14.644	nq	99
85) Di-n-octyl phthalate	14.53	149	314066	14.215	nq	# 88
87) Indeno(1,2,3-cd)pyrene	16.82	276	199552	12.446	nq	98
88) Benzo(b)fluoranthene	14.97	252	239743	14.566	nq	# 94
89) Benzo(k)fluoranthene	15.00	252	235573	15.630	nq	# 89
90) Benzo(a)pyrene	15.33	252	197686	14.130	nq	# 94
91) Dibenzo(a,h)anthracene	16.83	278	170446	12.771	nq	98
92) Benzo(g,h,i)perylene	17.24	276	162022	12.350	nq	99

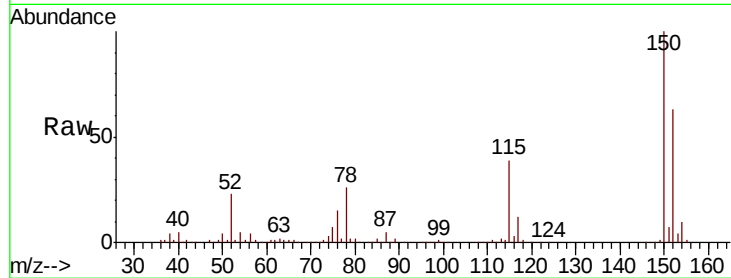
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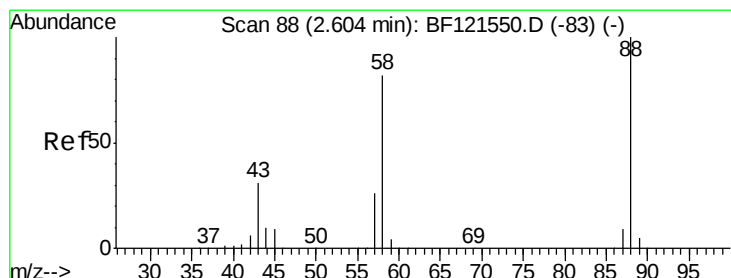
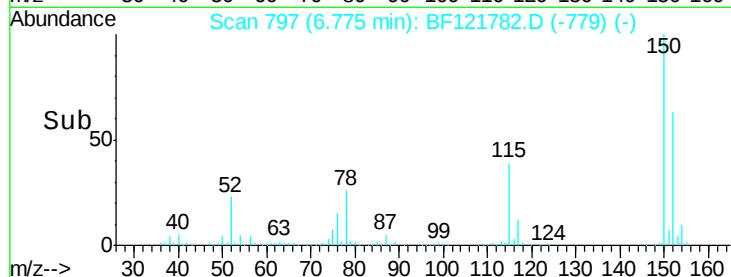
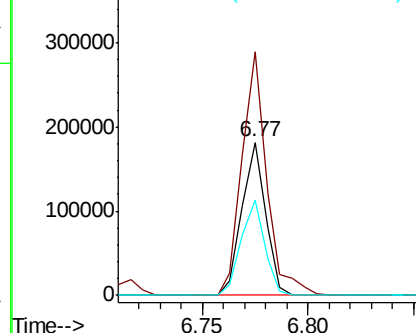
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.77 min Scan# 797
 Delta R.T. 0.01 min
 Lab File: BF121782.D
 Acq: 1 Oct 2020 22:51

Instrument :
 BNA_F
 ClientSampleId :
 B-11(1-2)MSD

Tot Ion:152 Resp: 140545
 Ion Ratio Lower Upper
 152 100
 150 159.1 125.3 187.9
 115 62.4 51.9 77.9

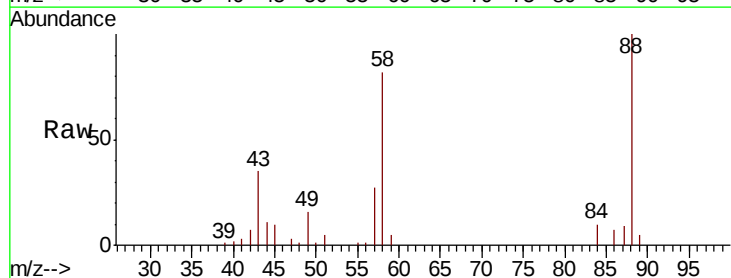


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

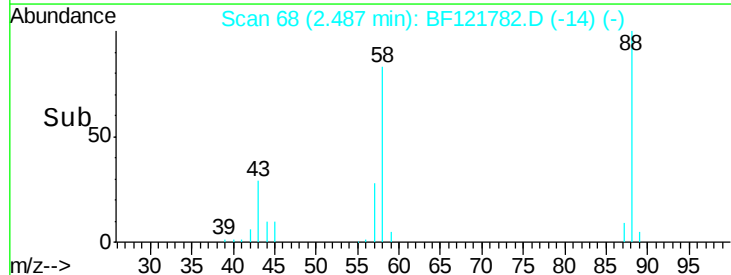
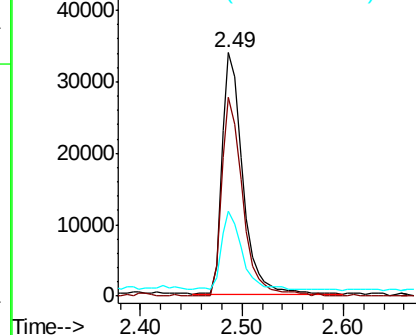


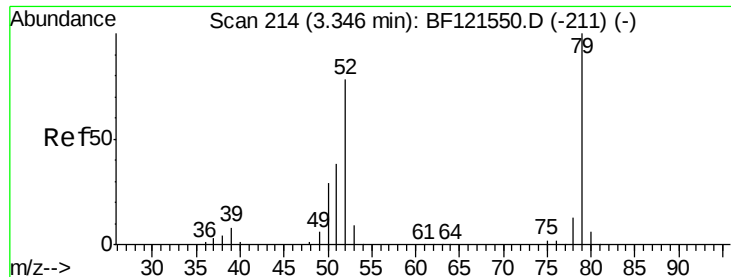
#2
 1,4-Dioxane
 Concen: 10.931 ng
 RT: 2.49 min Scan# 68
 Delta R.T. 0.02 min
 Lab File: BF121782.D
 Acq: 1 Oct 2020 22:51

Tgt Ion: 88 Resp: 47493
 Ion Ratio Lower Upper
 88 100
 58 84.9 65.8 98.8
 43 32.2 25.8 38.8



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

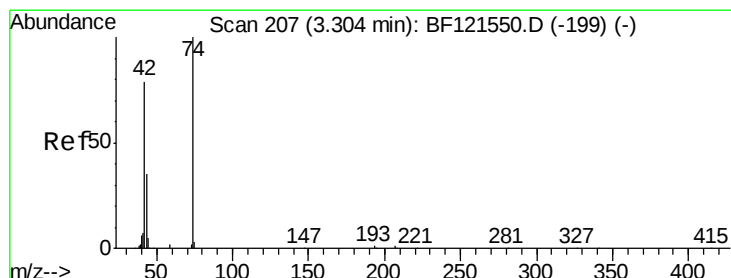
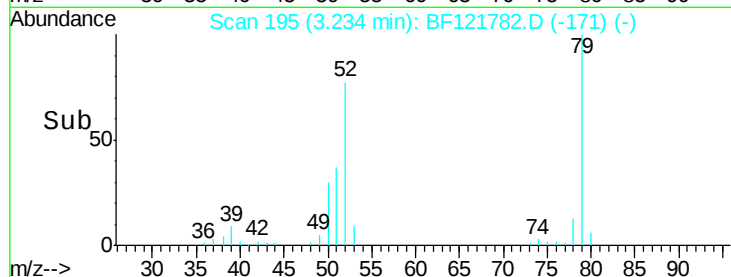
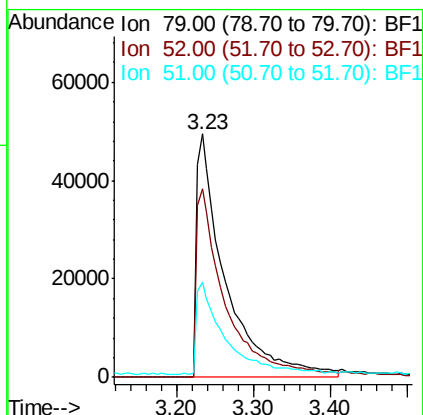
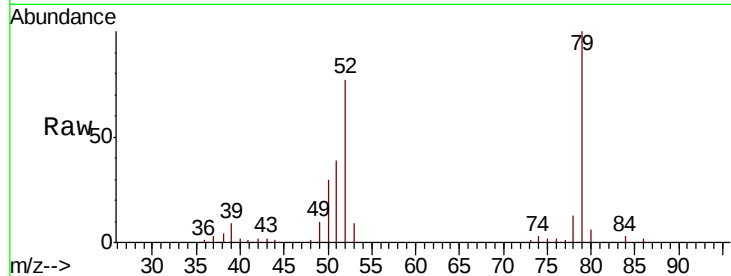




#3
 Pvridine
 Concen: 10.713 ng
 RT: 3.23 min Scan# 195
 Delta R.T. 0.04 min
 Lab File: BF121782.D
 Acq: 1 Oct 2020 22:51

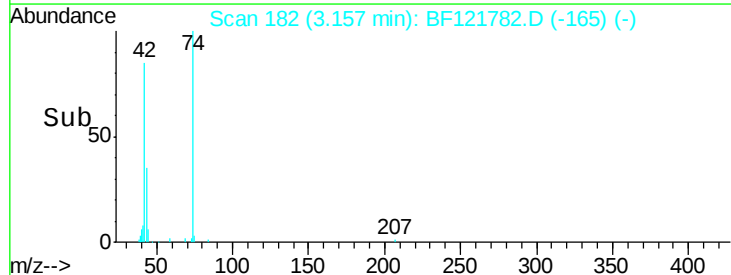
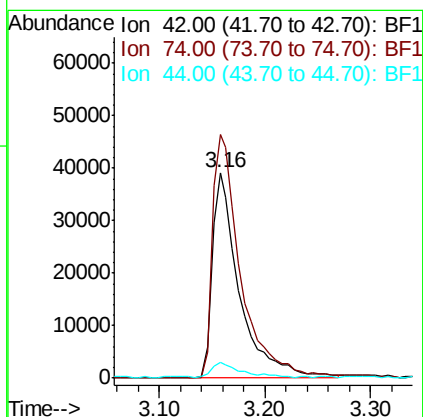
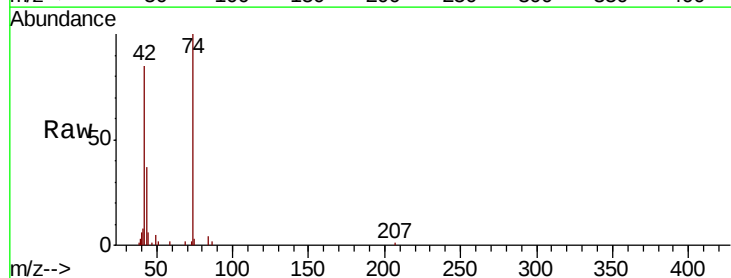
Instrument :
 BNA_F
 ClientSampleId :
 B-11(1-2)MSD

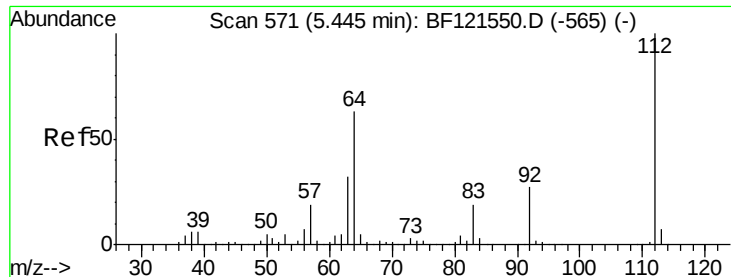
Tot Ion: 79 Resp: 128674
 Ion Ratio Lower Upper
 79 100
 52 77.5 62.2 93.4
 51 38.8 31.1 46.7



#4
 n-Nitrosodimethylamine
 Concen: 12.656 ng
 RT: 3.16 min Scan# 182
 Delta R.T. 0.00 min
 Lab File: BF121782.D
 Acq: 1 Oct 2020 22:51

Tgt Ion: 42 Resp: 70512
 Ion Ratio Lower Upper
 42 100
 74 118.3 100.2 150.2
 44 7.7 5.8 8.6





#5

2-Fluorophenol

Concen: 36.762 ng

RT: 5.39 min Scan# 562

Delta R.T. 0.01 min

Lab File: BF121782.D

Acq: 1 Oct 2020 22:51

Instrument :

BNA_F

ClientSampleId :

B-11(1-2)MSD

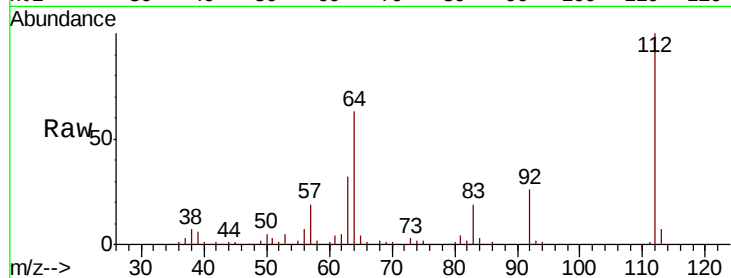
Tot Ion:112 Resp: 347659

Ion Ratio Lower Upper

112 100

64 63.0 50.4 75.6

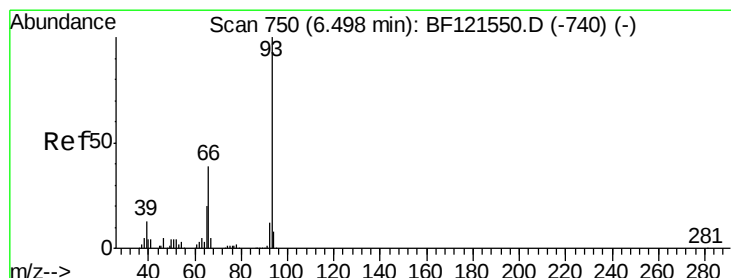
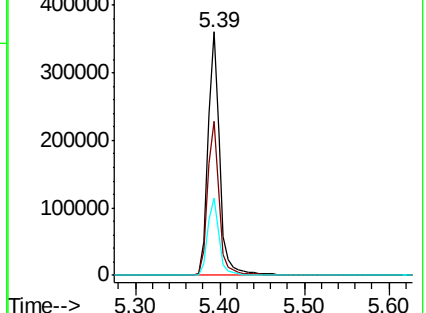
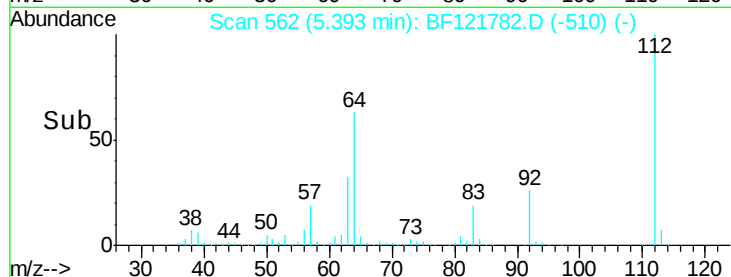
63 31.8 25.8 38.6



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 9.713 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF121782.D

Acq: 1 Oct 2020 22:51

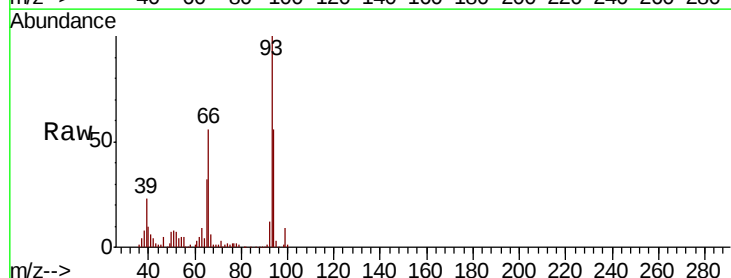
Tgt Ion: 93 Resp: 156952

Ion Ratio Lower Upper

93 100

66 55.6 32.7 49.1#

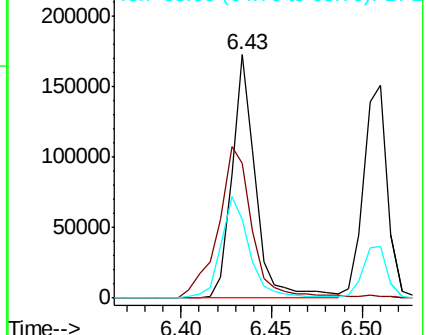
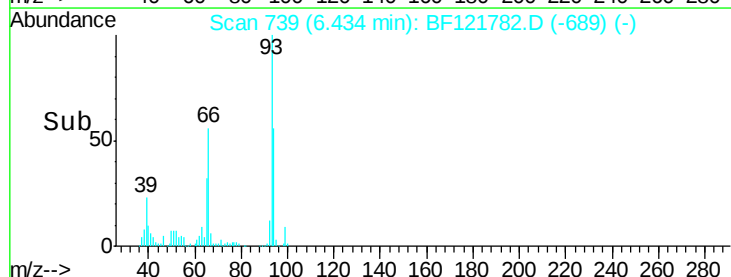
65 32.4 16.6 24.8#

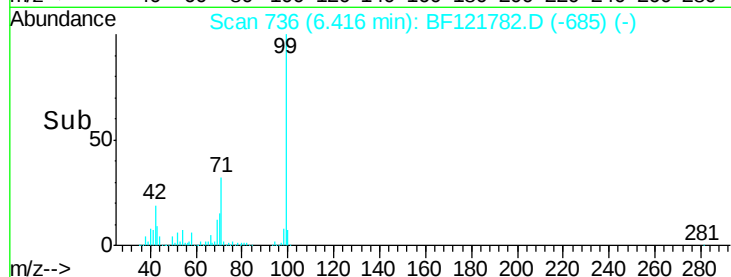
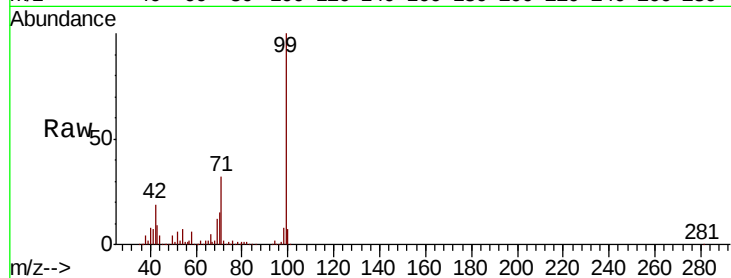
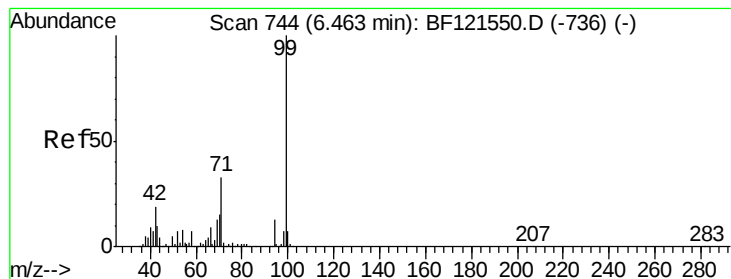


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 34.338 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF121782.D

Acq: 1 Oct 2020 22:51

Instrument :

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ClientSampleId :

B-11(1-2)MSD

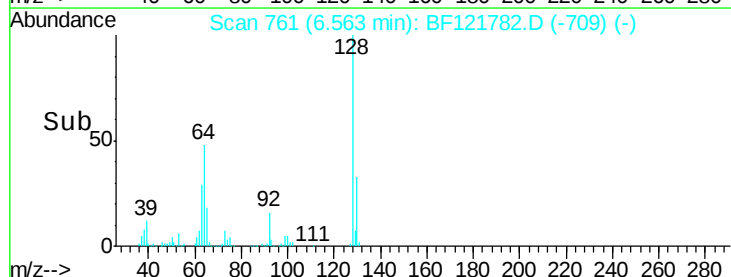
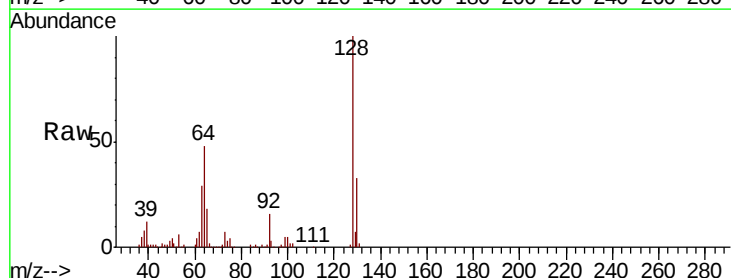
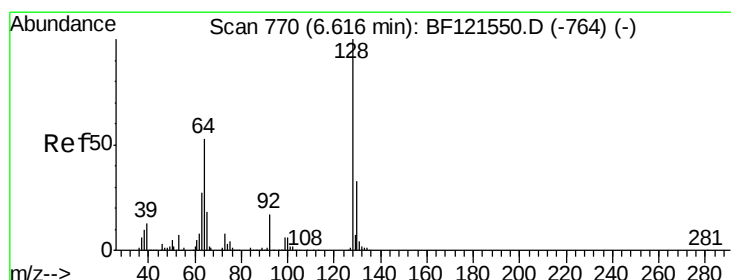
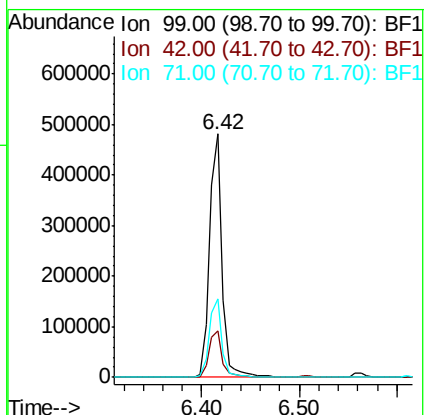
Tot Ion: 99 Resp: 426035

Ion Ratio Lower Upper

99 100

42 19.0 15.9 23.9

71 32.1 27.1 40.7



#8

2-Chlorophenol

Concen: 13.896 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.01 min

Lab File: BF121782.D

Acq: 1 Oct 2020 22:51

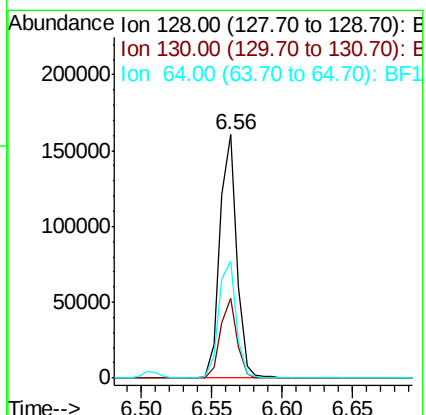
Tgt Ion: 128 Resp: 133799

Ion Ratio Lower Upper

128 100

130 32.6 12.4 52.4

64 48.0 34.8 74.8





#9

Benzaldehyde

Concen: 4.936 ng

RT: 6.32 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF121782.D

Acq: 1 Oct 2020 22:51

Instrument :

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B-11(1-2)MSD

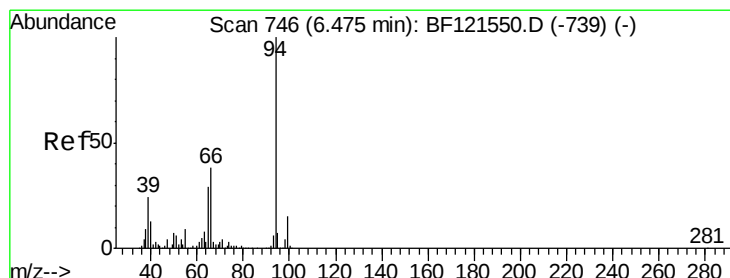
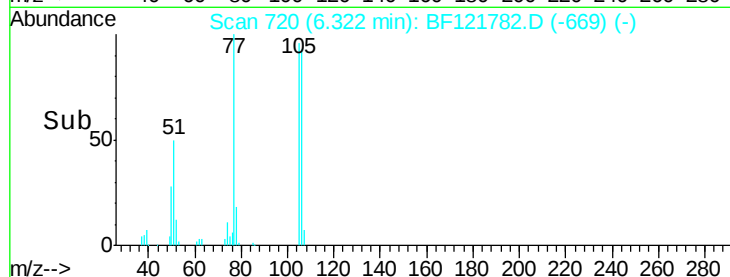
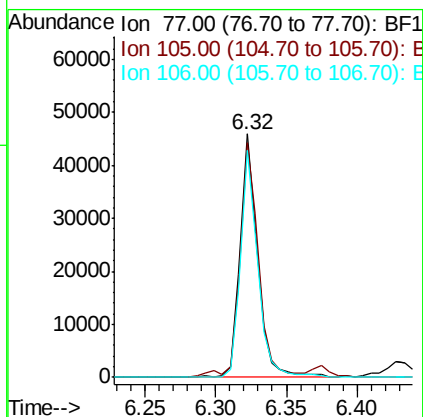
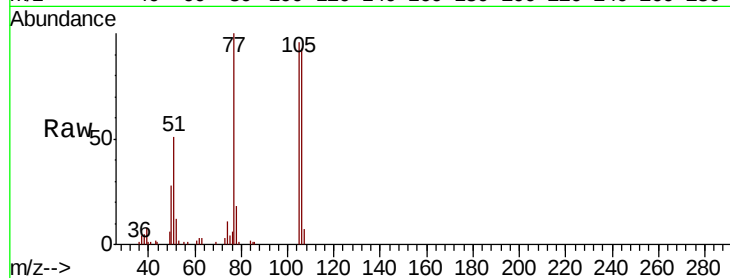
Tot Ion: 77 Resp: 40035

Ion Ratio Lower Upper

77 100

105 96.1 76.7 116.7

106 93.3 71.3 111.3



#10

Phenol

Concen: 13.226 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF121782.D

Acq: 1 Oct 2020 22:51

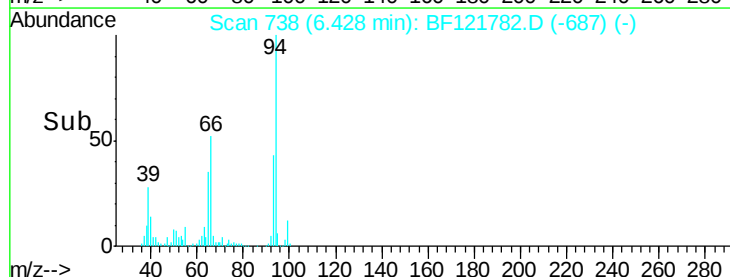
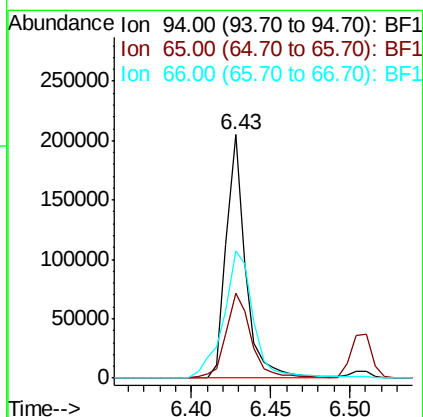
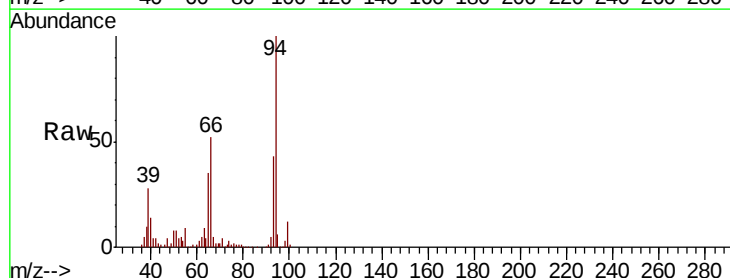
Tgt Ion: 94 Resp: 174750

Ion Ratio Lower Upper

94 100

65 34.9 17.1 57.1

66 52.2 36.0 76.0

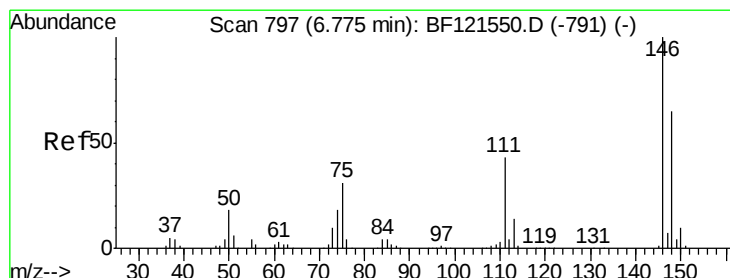
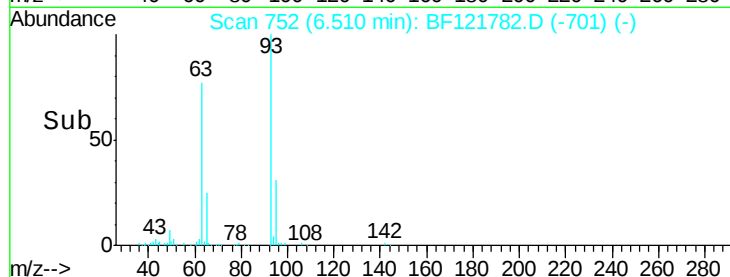
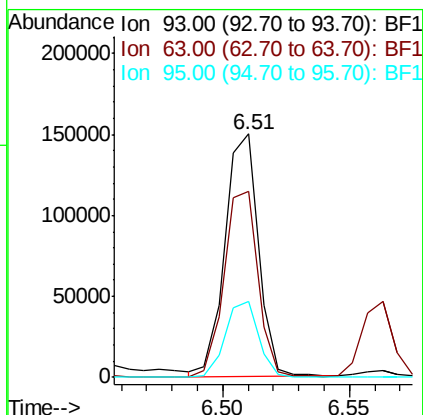
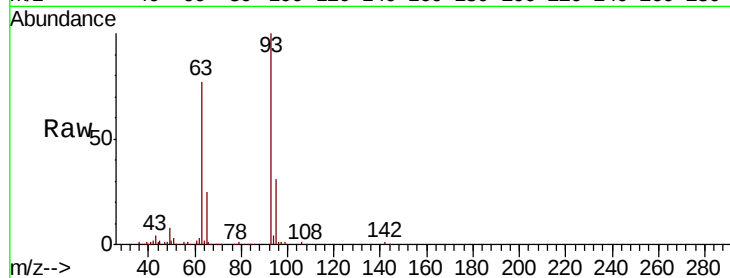




#11
bis(2-Chloroethyl)ether
Concen: 13.749 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF121782.D
Acq: 1 Oct 2020 22:51

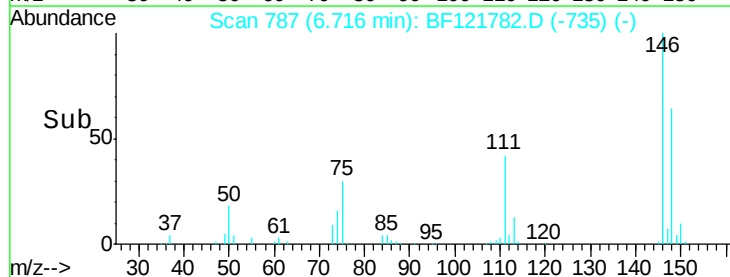
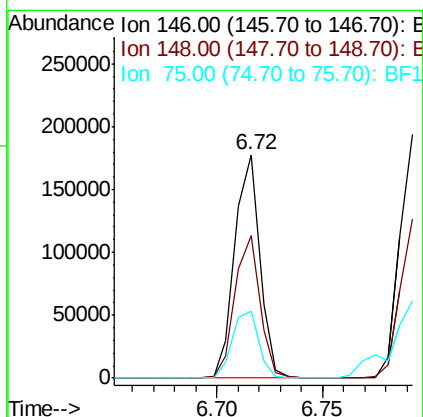
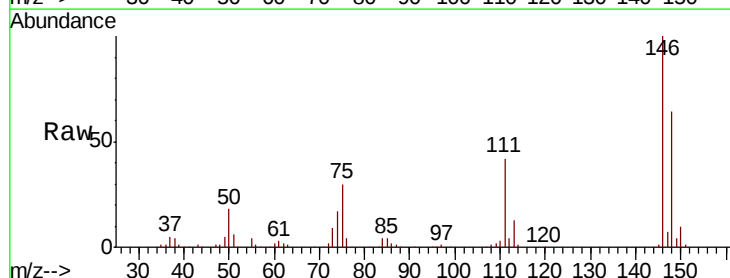
Instrument :
BNA_F
ClientSampleId :
B-11(1-2)MSD

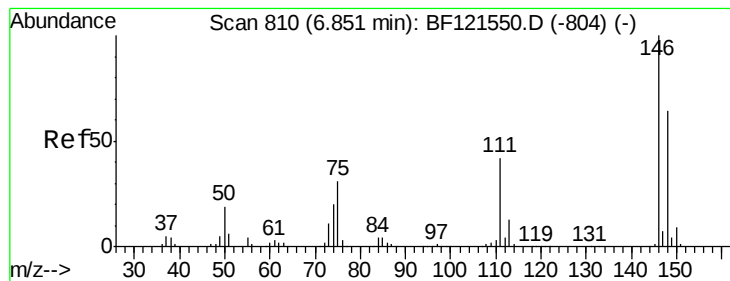
Tot Ion: 93 Resp: 136912
Ion Ratio Lower Upper
93 100
63 76.6 62.4 102.4
95 31.4 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 13.605 ng
RT: 6.72 min Scan# 787
Delta R.T. 0.01 min
Lab File: BF121782.D
Acq: 1 Oct 2020 22:51

Tgt Ion: 146 Resp: 146210
Ion Ratio Lower Upper
146 100
148 63.8 51.0 76.4
75 29.9 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 13.559 ng

RT: 6.79 min Scan# 800

Delta R.T. 0.01 min

Lab File: BF121782.D

Acq: 1 Oct 2020 22:51

Instrument :

BNA_F

ClientSampleId :

B-11(1-2)MSD

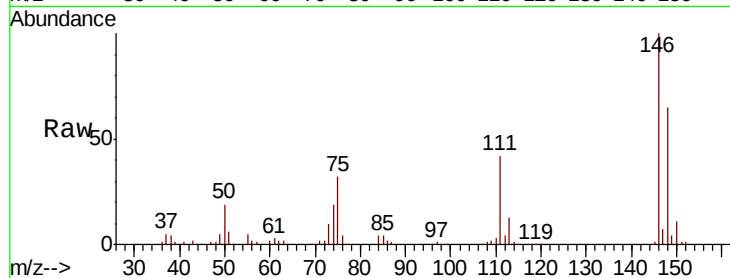
Tot Ion:146 Resp: 146318

Ion Ratio Lower Upper

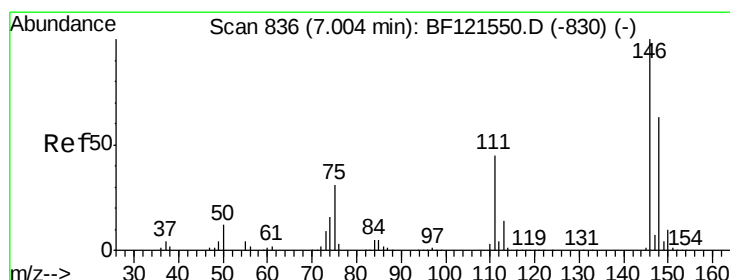
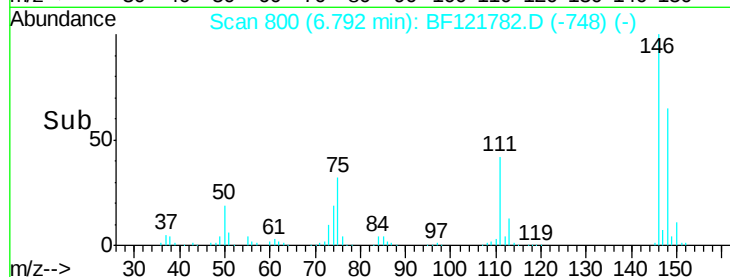
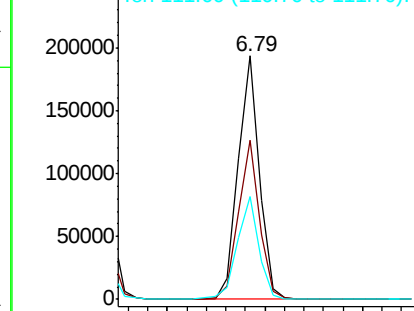
146 100

148 65.1 50.1 75.1

111 42.5 34.6 52.0



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



#14

1,2-Dichlorobenzene

Concen: 14.080 ng

RT: 6.95 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF121782.D

Acq: 1 Oct 2020 22:51

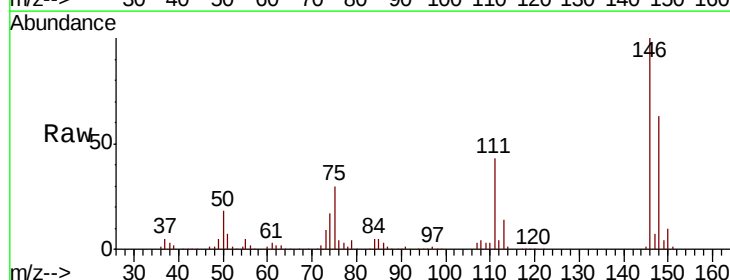
Tgt Ion:146 Resp: 139969

Ion Ratio Lower Upper

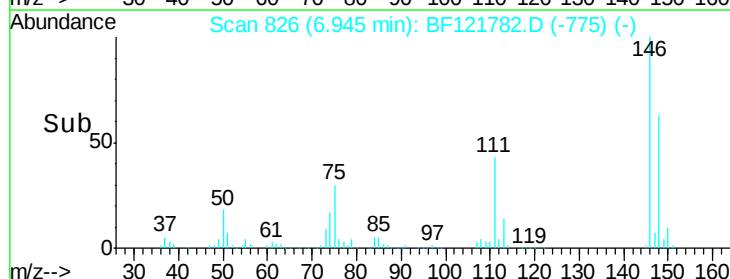
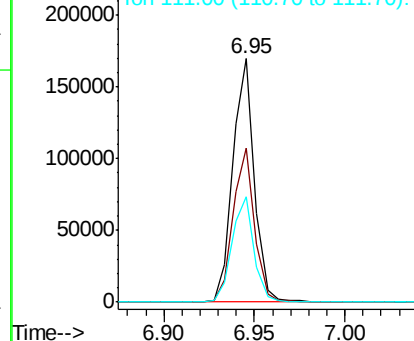
146 100

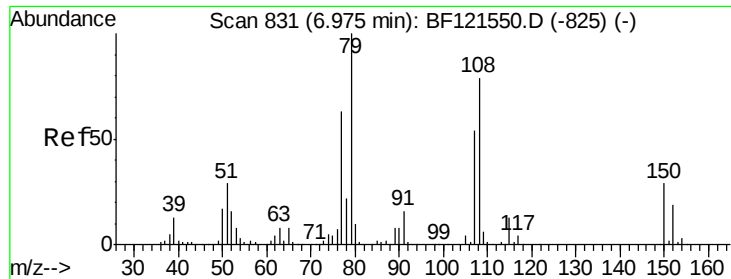
148 63.4 51.1 76.7

111 43.5 34.2 51.4



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: 13.055 ng

RT: 6.92 min Scan# 821

Delta R.T. -0.01 min

Lab File: BF121782.D

Acq: 1 Oct 2020 22:51

Instrument :

BNA_F

ClientSampleId :

B-11(1-2)MSD

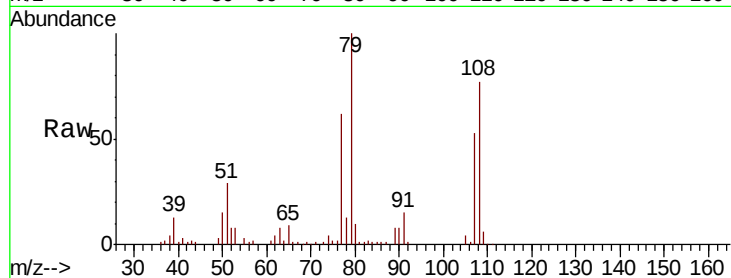
Tot Ion: 79 Resp: 110093

Ion Ratio Lower Upper

79 100

108 77.0 62.3 93.5

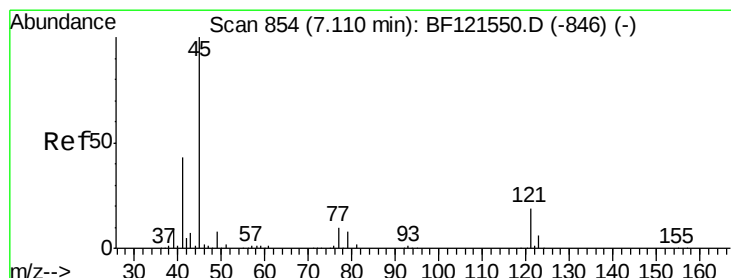
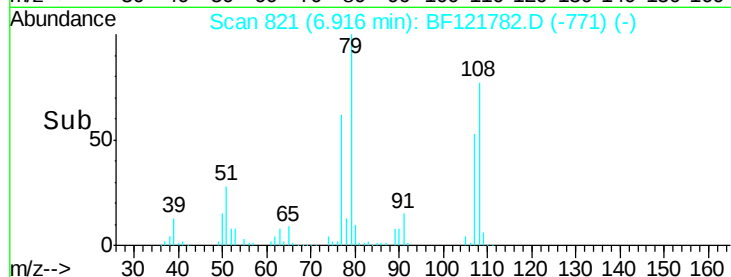
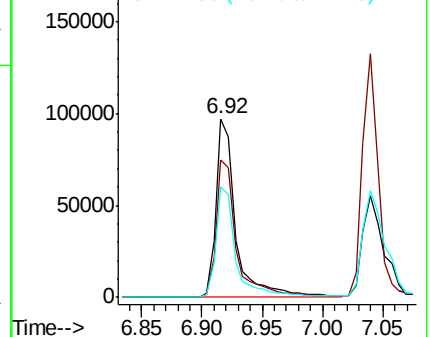
77 62.0 50.6 75.8



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: 13.081 ng

RT: 7.05 min Scan# 844

Delta R.T. 0.00 min

Lab File: BF121782.D

Acq: 1 Oct 2020 22:51

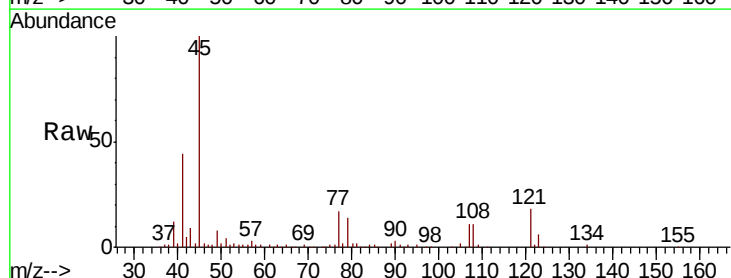
Tgt Ion: 45 Resp: 209617

Ion Ratio Lower Upper

45 100

77 17.2 0.0 33.3

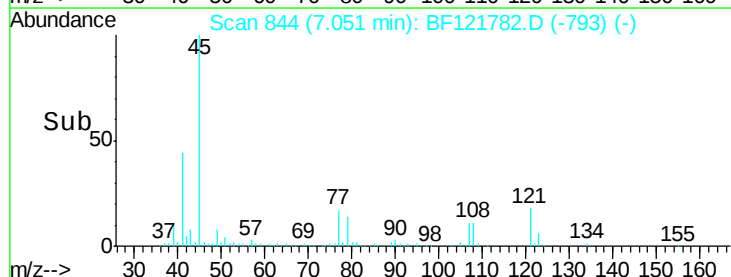
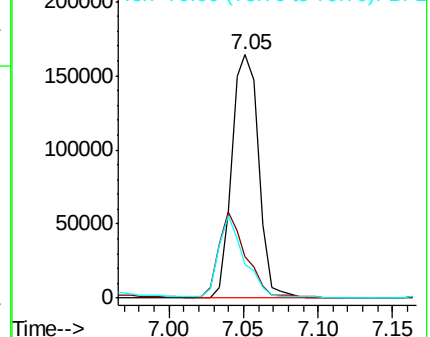
79 13.9 0.0 30.4

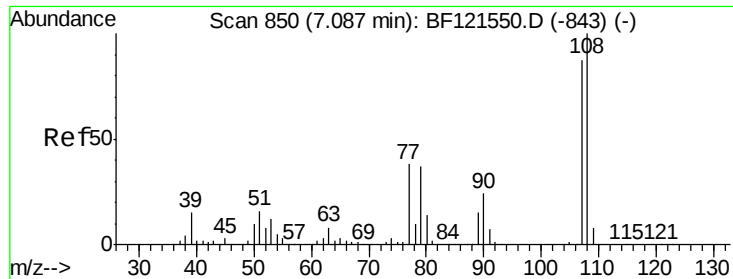


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

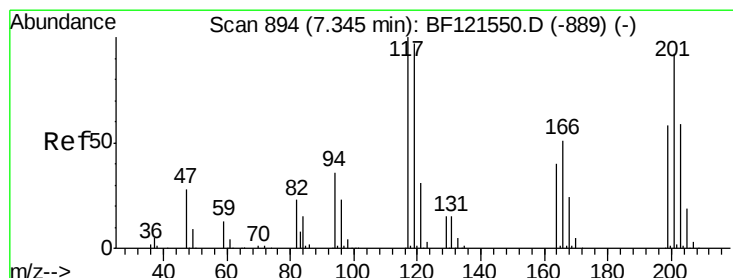
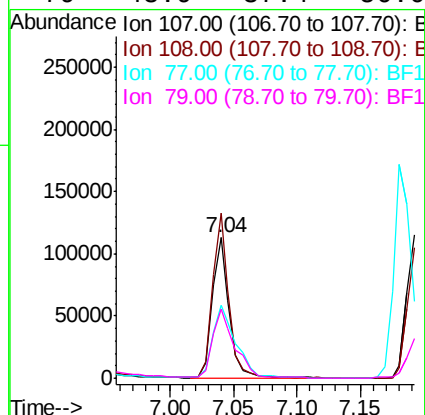
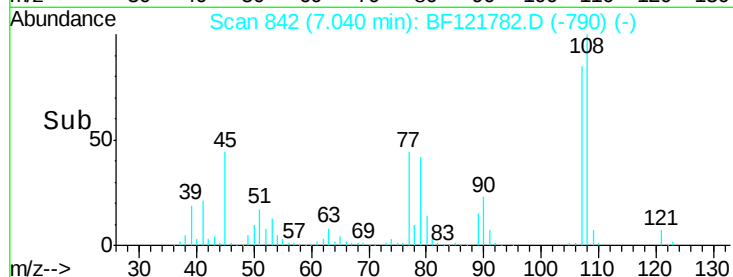
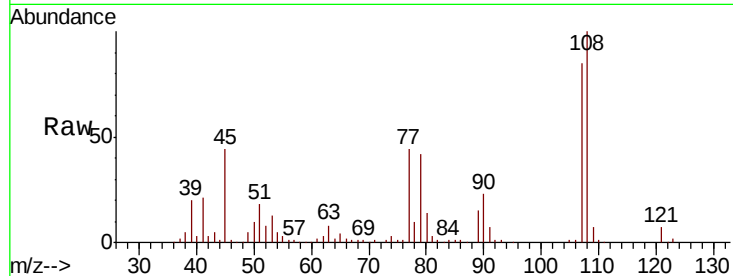




#17
2-Methylphenol
Concen: 12.863 ng
RT: 7.04 min Scan# 842
Delta R.T. 0.01 min
Lab File: BF121782.D
Acq: 1 Oct 2020 22:51

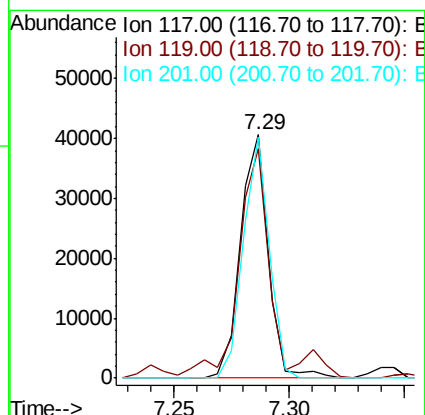
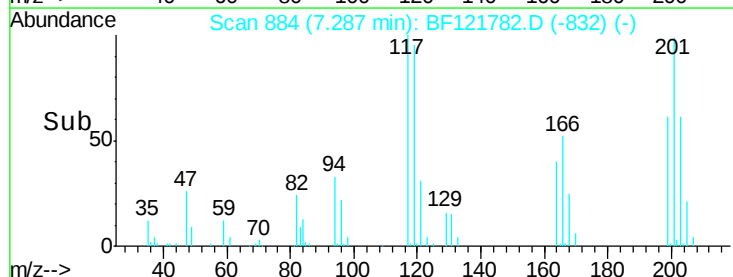
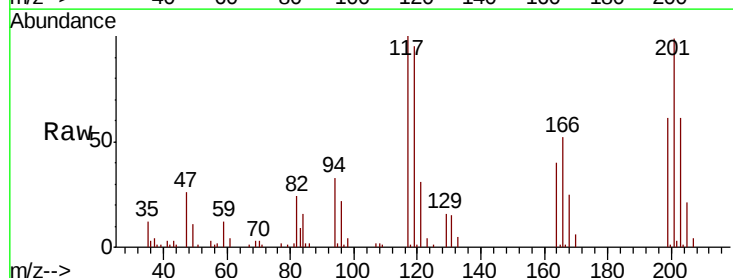
Instrument :
BNA_F
ClientSampleId :
B-11(1-2)MSD

Tot Ion:107 Resp: 105383
Ion Ratio Lower Upper
107 100
108 117.1 90.9 136.3
77 51.5 37.5 56.3
79 48.9 37.4 56.0



#18
Hexachloroethane
Concen: 8.883 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.01 min
Lab File: BF121782.D
Acq: 1 Oct 2020 22:51

Tgt Ion:117 Resp: 34323
Ion Ratio Lower Upper
117 100
119 94.5 76.3 114.5
201 99.2 71.8 107.6

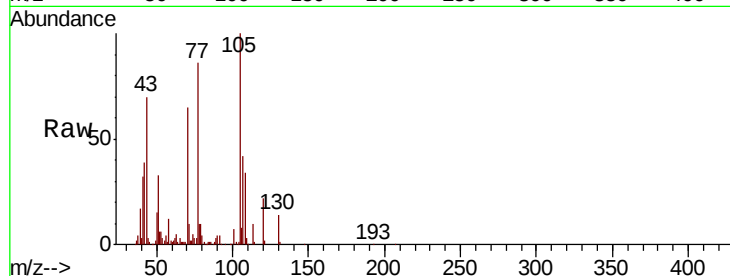




#19
n-Nitroso-di-n-propylamine
Concen: 13.732 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF121782.D
Acq: 1 Oct 2020 22:51

Instrument :
BNA_F
ClientSampleId :
B-11(1-2)MSD

Tot Ion:	70	Resp:	98191
Ion	Ratio	Lower	Upper
70	100		
42	60.3	50.2	75.4
101	10.0	7.5	11.3
130	21.2	15.5	23.3



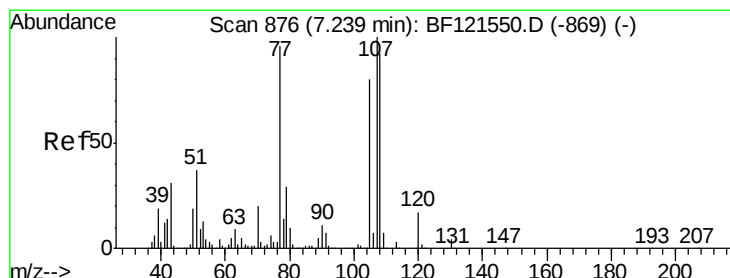
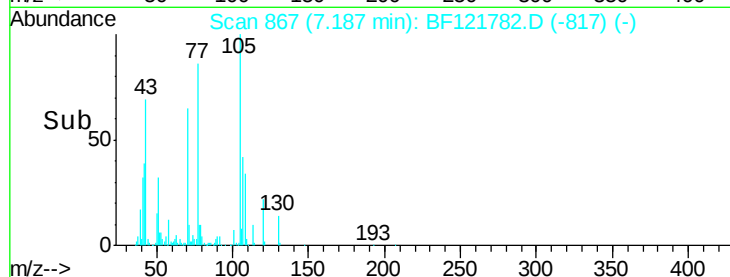
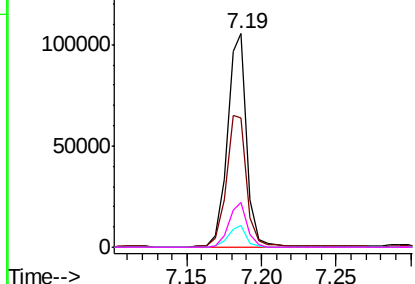
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

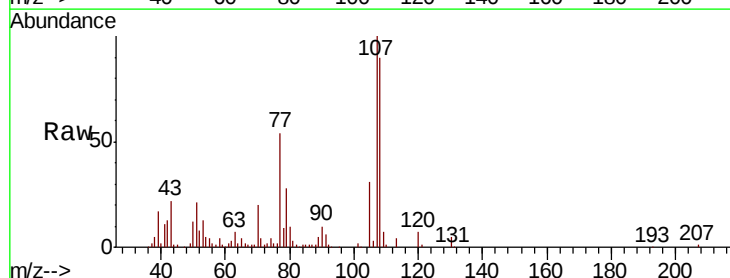
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 14.052 ng
RT: 7.19 min Scan# 868
Delta R.T. 0.01 min
Lab File: BF121782.D
Acq: 1 Oct 2020 22:51

Tgt Ion:	107	Resp:	138317
Ion	Ratio	Lower	Upper
107	100		
108	90.4	68.9	108.9
77	53.6	108.0	148.0#
79	27.9	10.5	50.5



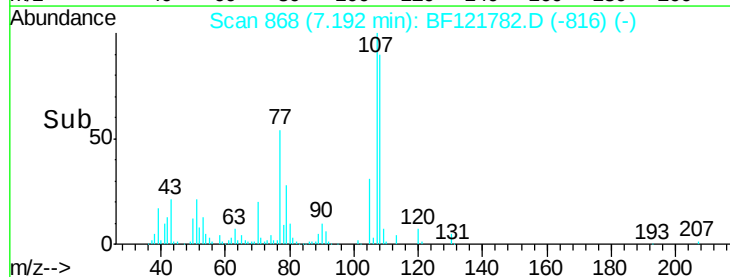
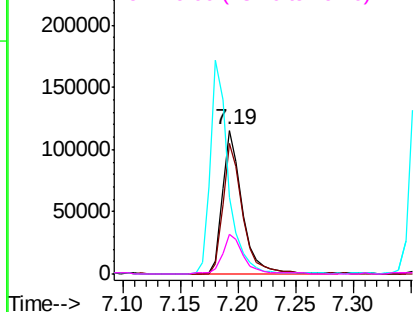
Abundance

Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

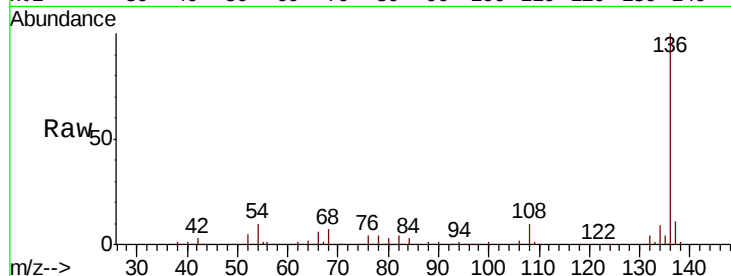




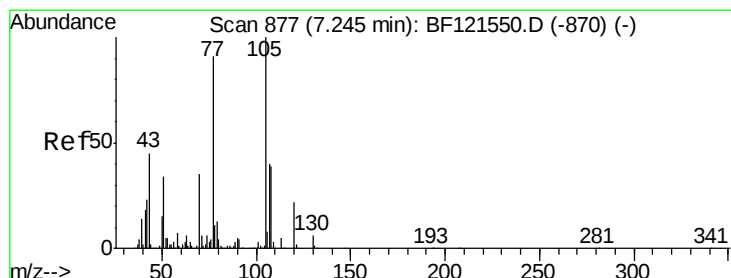
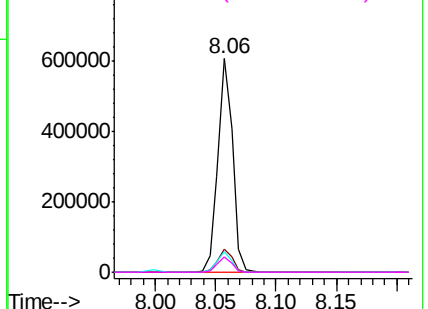
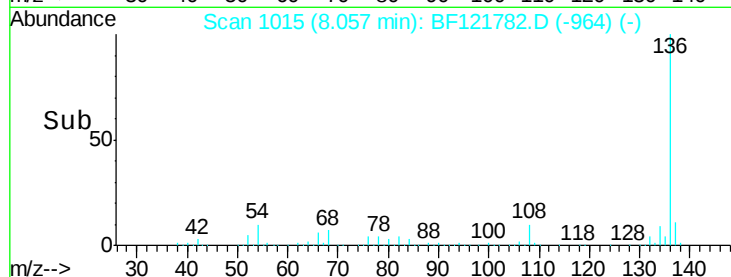
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BF121782.D
Acq: 1 Oct 2020 22:51

Instrument :
BNA_F
ClientSampleId :
B-11(1-2)MSD

Tot Ion:136	Resp:	500890
Ion Ratio	Lower	Upper
136 100		
137 11.0	8.6	13.0
54 9.7	7.1	10.7
68 7.0	5.0	7.4

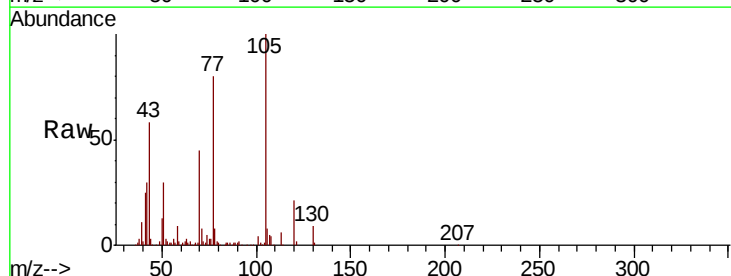


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

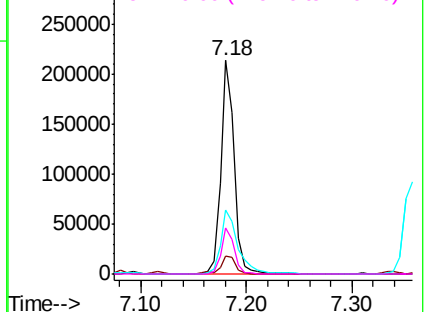
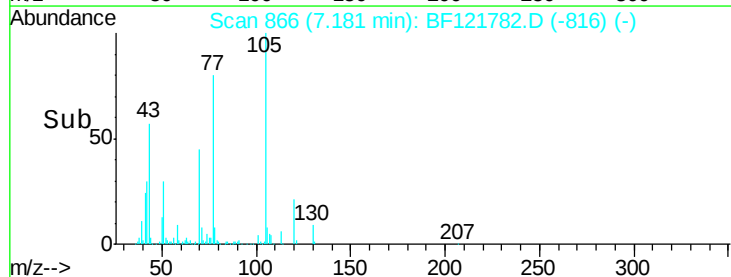


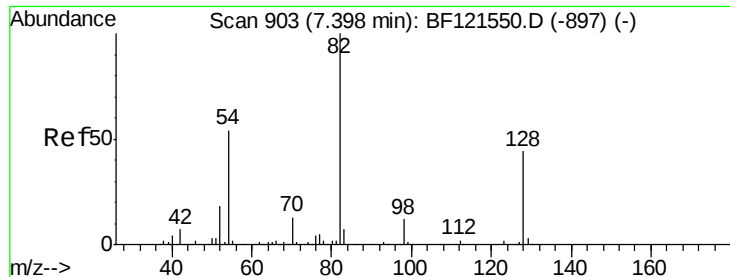
#22
Acetophenone
Concen: 14.962 ng
RT: 7.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF121782.D
Acq: 1 Oct 2020 22:51

Tgt	Ion:105	Resp:	190144
Ion	Ratio	Lower	Upper
105	100		
71	8.2	5.3	7.9#
51	30.2	33.2	49.8#
120	21.3	17.4	26.0



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

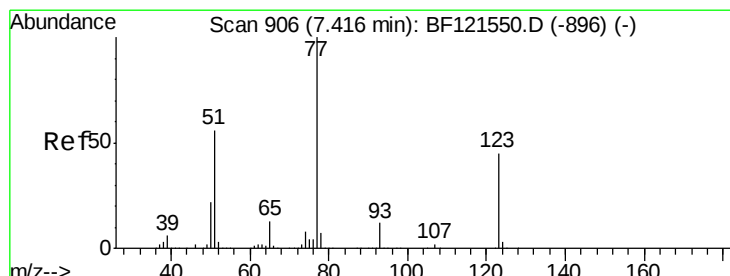
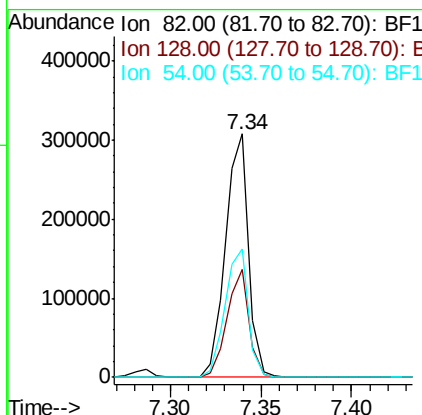
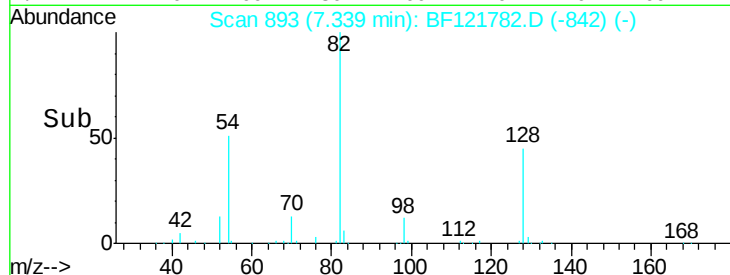
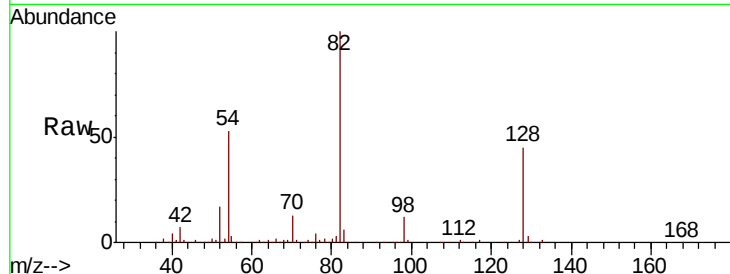




#23
 Nitrobenzene-d5
 Concen: 29.240 ng
 RT: 7.34 min Scan# 893
 Delta R.T. 0.00 min
 Lab File: BF121782.D
 Acq: 1 Oct 2020 22:51

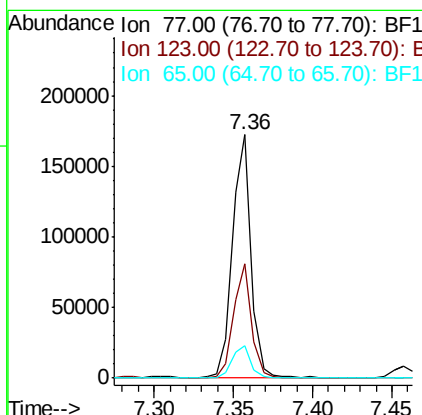
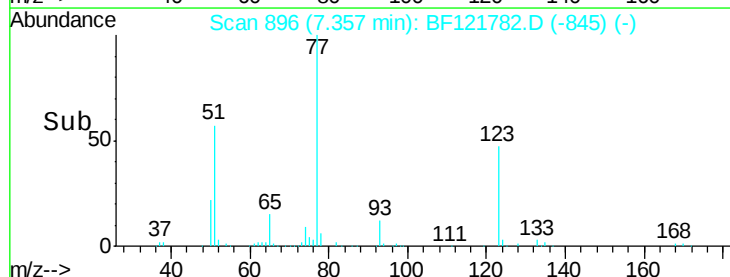
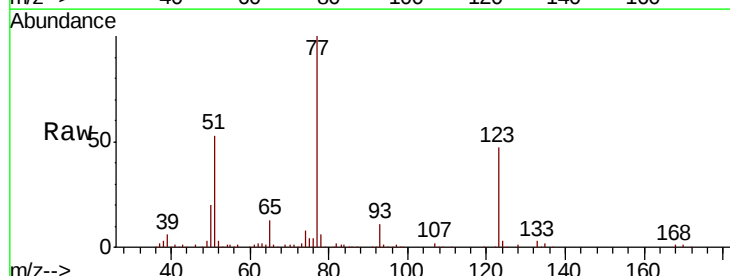
Instrument :
 BNA_F
 ClientSampleId :
 B-11(1-2)MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.6	35.0	52.4
54	52.9	43.9	65.9



#24
 Nitrobenzene
 Concen: 13.657 ng
 RT: 7.36 min Scan# 896
 Delta R.T. 0.00 min
 Lab File: BF121782.D
 Acq: 1 Oct 2020 22:51

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.9	35.6	53.4
65	13.1	11.2	16.8





#25

Isophorone

Concen: 13.182 ng

RT: 7.59 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF121782.D

Acq: 1 Oct 2020 22:51

Instrument :

BNA_F

ClientSampleId :

B-11(1-2)MSD

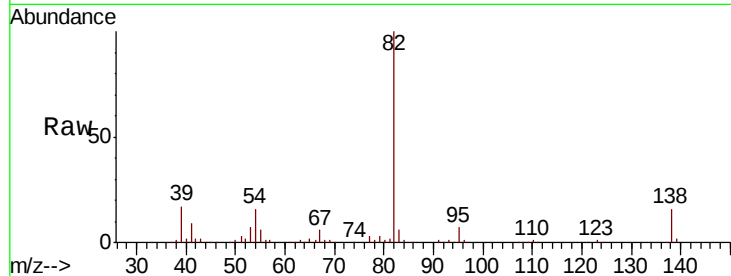
Tot Ion: 82 Resp: 247554

Ion Ratio Lower Upper

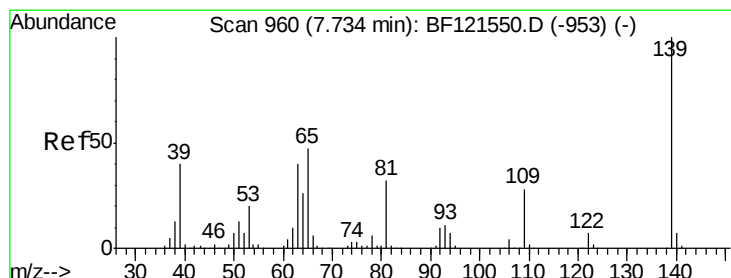
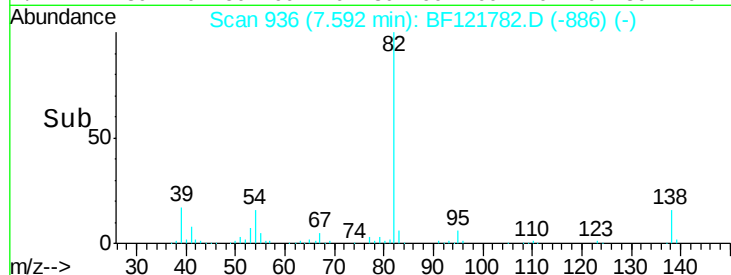
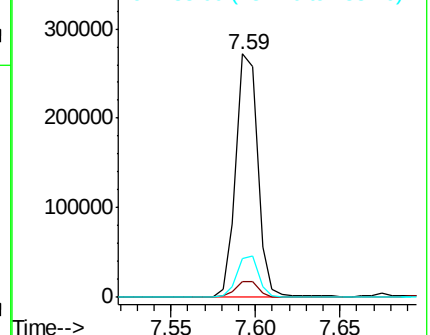
82 100

95 6.6 5.4 8.0

138 15.7 13.4 20.0



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 12.456 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF121782.D

Acq: 1 Oct 2020 22:51

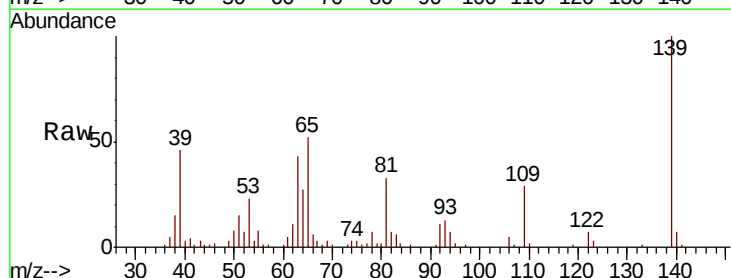
Tgt Ion: 139 Resp: 49658

Ion Ratio Lower Upper

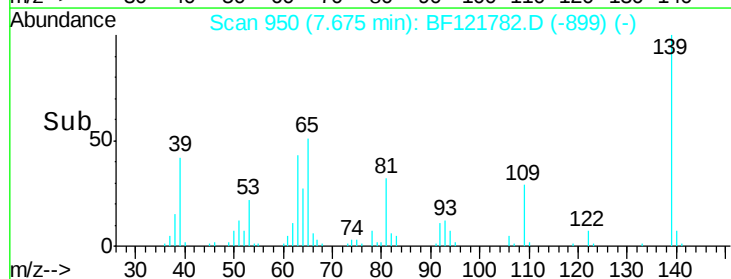
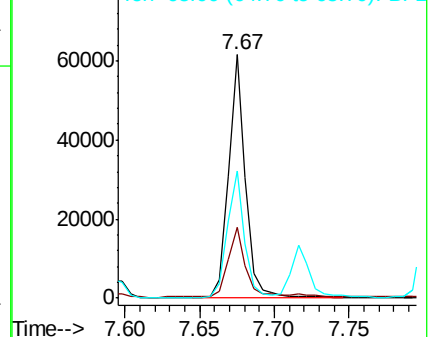
139 100

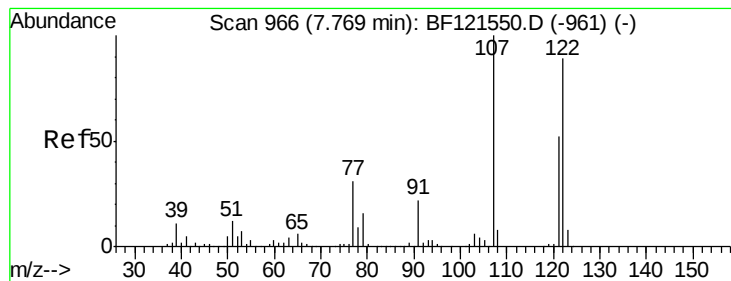
109 29.2 23.0 34.4

65 52.1 39.9 59.9



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





#27

2,4-Dimethylphenol

Concen: 13.385 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF121782.D

Acq: 1 Oct 2020 22:51

Instrument :

BNA_F

ClientSampleId :

B-11(1-2)MSD

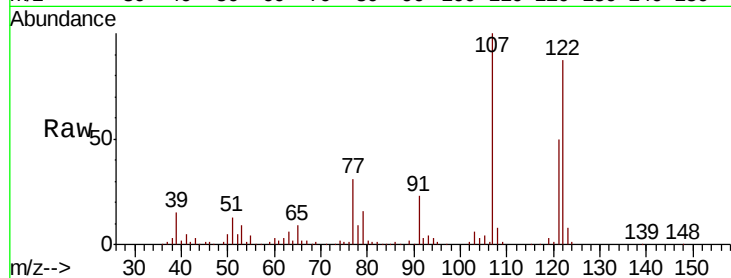
Tot Ion:122 Resp: 112204

Ion Ratio Lower Upper

122 100

107 115.0 90.8 136.2

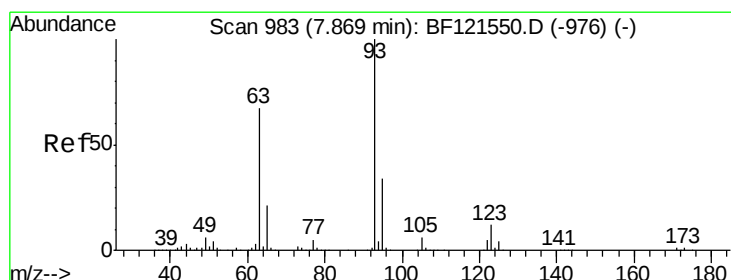
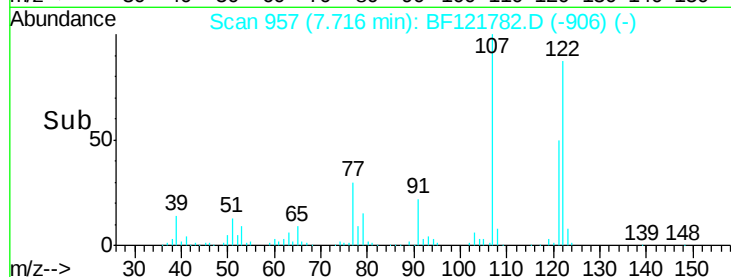
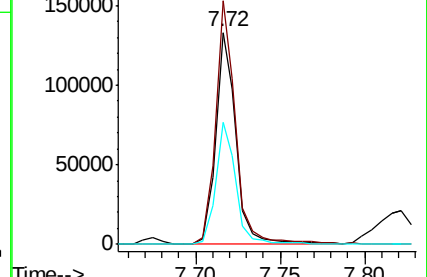
121 57.6 47.5 71.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 13.715 ng

RT: 7.80 min Scan# 972

Delta R.T. -0.01 min

Lab File: BF121782.D

Acq: 1 Oct 2020 22:51

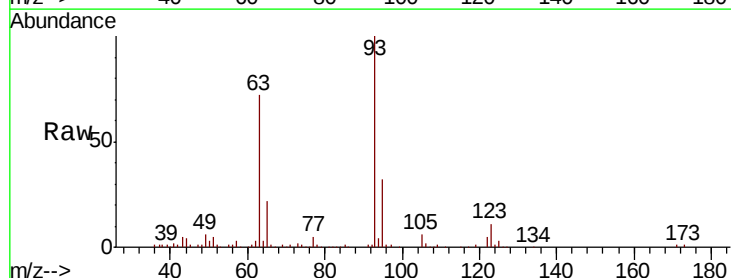
Tgt Ion: 93 Resp: 159451

Ion Ratio Lower Upper

93 100

95 32.2 26.2 39.4

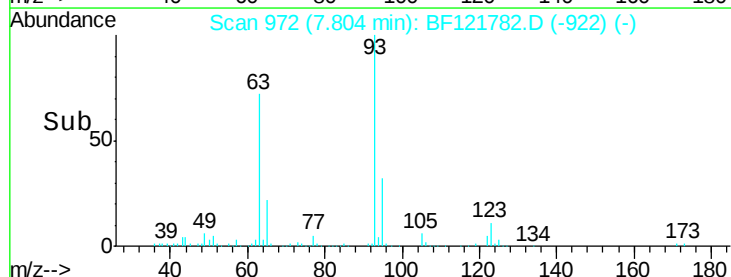
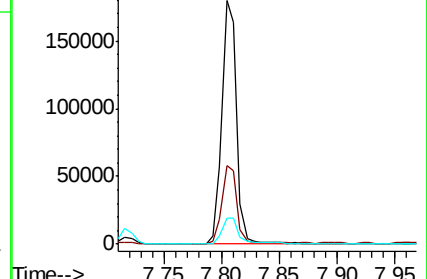
123 10.8 8.8 13.2

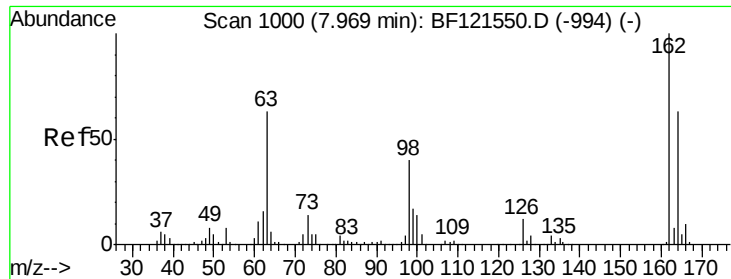


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

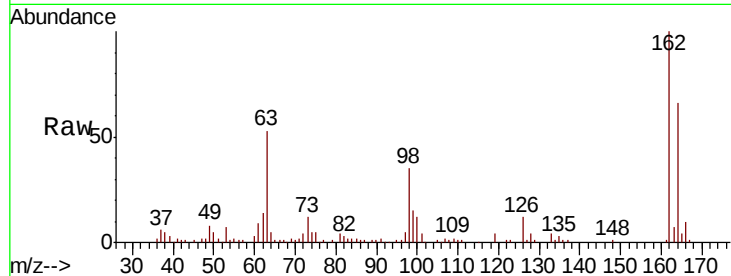




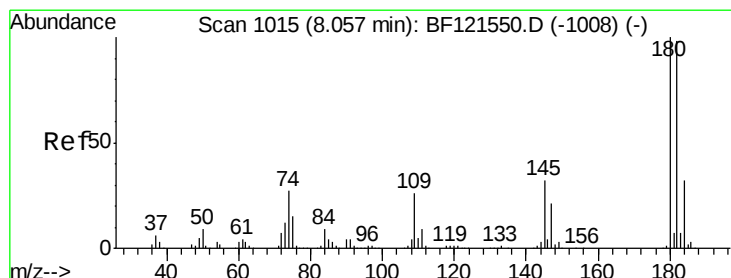
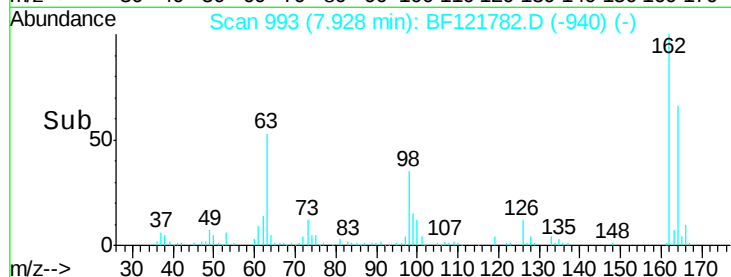
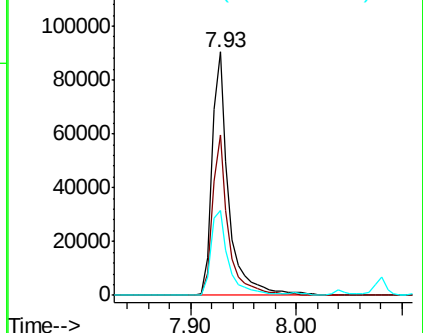
#29
 2,4-Dichlorophenol
 Concen: 13.137 ng
 RT: 7.93 min Scan# 993
 Delta R.T. 0.01 min
 Lab File: BF121782.D
 Acq: 1 Oct 2020 22:51

Instrument :
 BNA_F
 ClientSampleId :
 B-11(1-2)MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.1	42.5	82.5
98	34.9	20.1	60.1

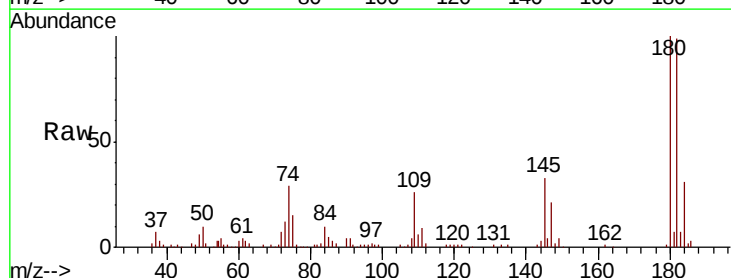


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

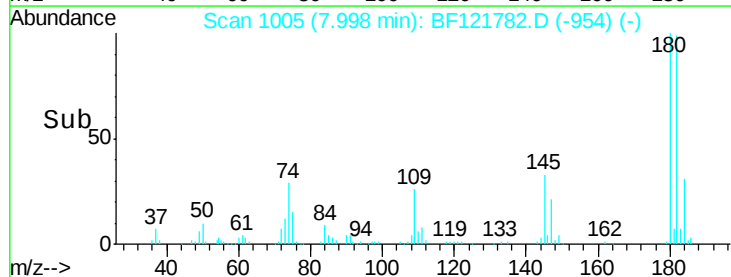
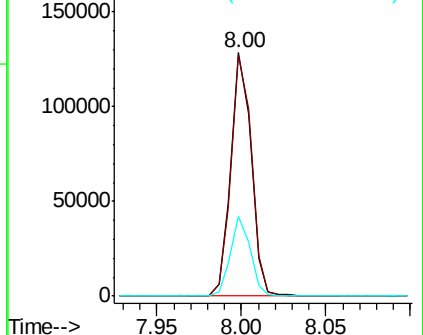


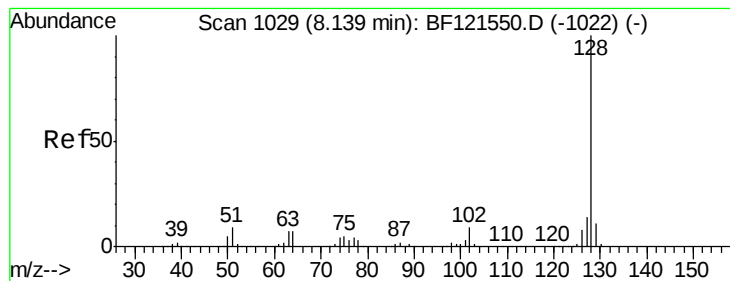
#30
 1,2,4-Trichlorobenzene
 Concen: 13.367 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. 0.00 min
 Lab File: BF121782.D
 Acq: 1 Oct 2020 22:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.2	79.4	119.2
145	32.7	25.5	38.3



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: 13.641 ng

RT: 8.08 min Scan# 1019

Delta R.T. 0.00 min

Lab File: BF121782.D

Acq: 1 Oct 2020 22:51

Instrument :

BNA_F

ClientSampleId :

B-11(1-2)MSD

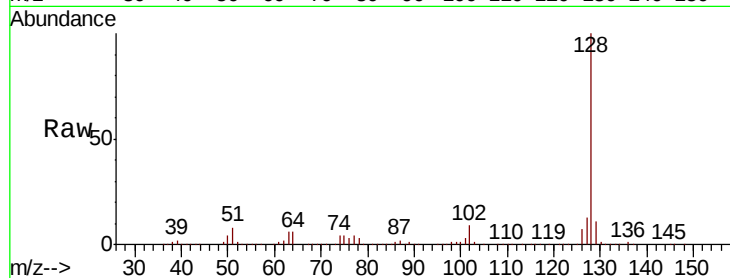
Tot Ion:128 Resp: 360686

Ion Ratio Lower Upper

128 100

129 11.2 8.7 13.1

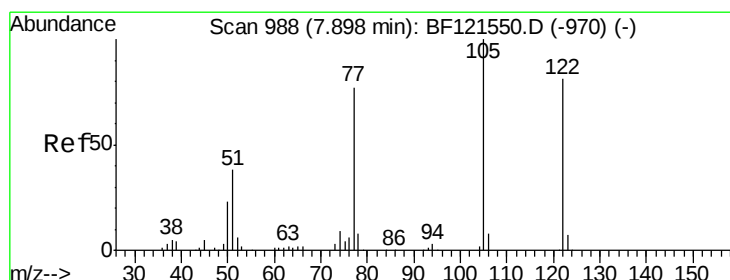
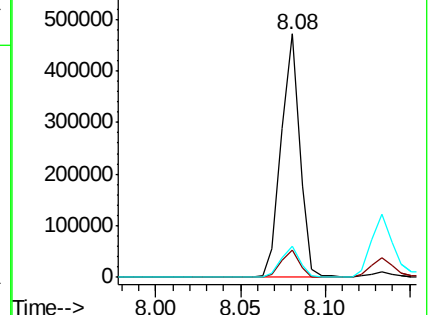
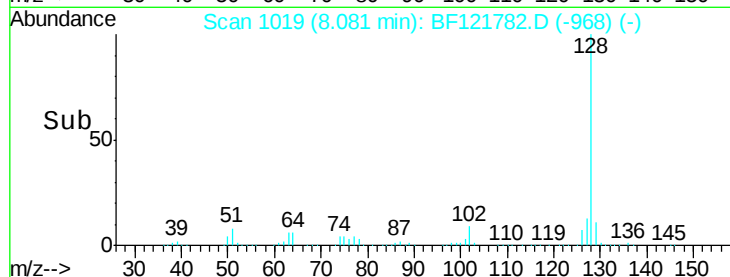
127 13.0 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 12.762 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.04 min

Lab File: BF121782.D

Acq: 1 Oct 2020 22:51

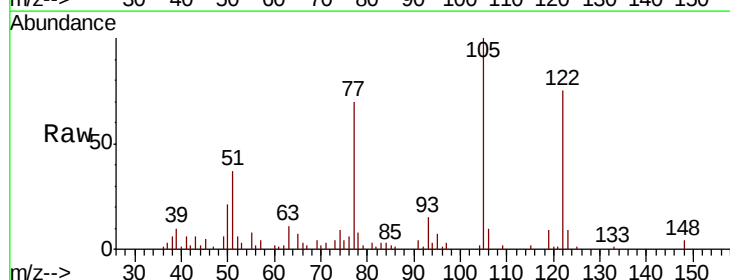
Tgt Ion:122 Resp: 42593

Ion Ratio Lower Upper

122 100

105 133.7 103.3 143.3

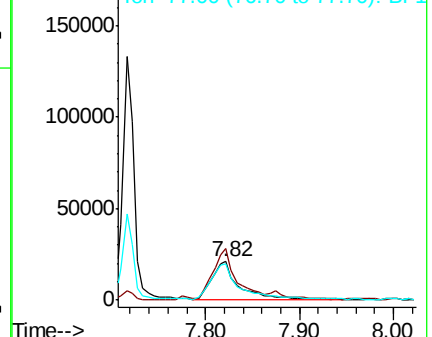
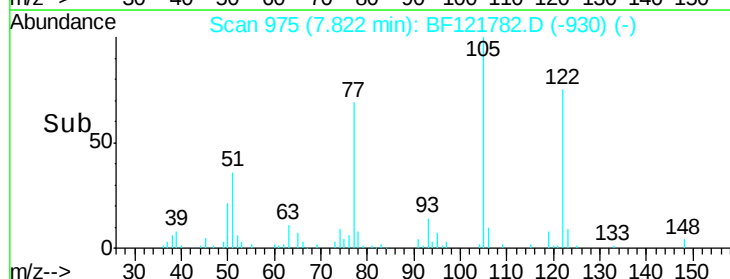
77 93.7 73.9 113.9

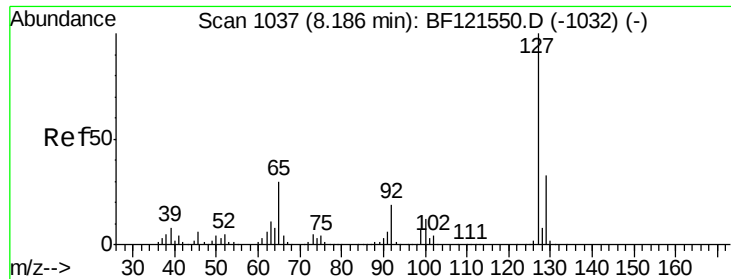


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

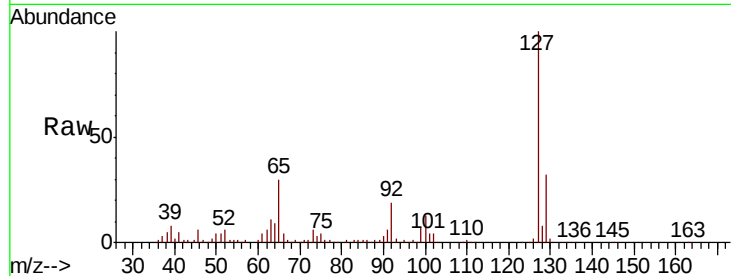




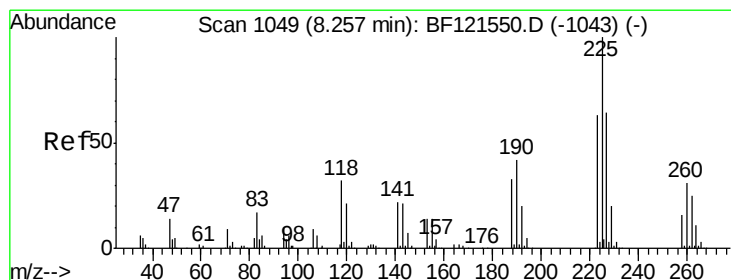
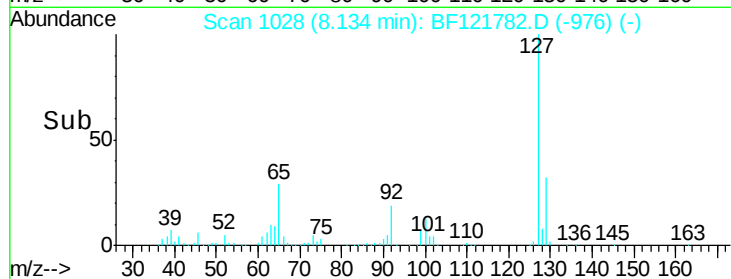
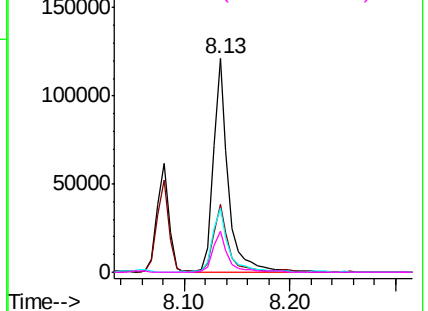
#33
4-Chloroaniline
Concen: 10.560 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.01 min
Lab File: BF121782.D
Acq: 1 Oct 2020 22:51

Instrument :
BNA_F
ClientSampleId :
B-11(1-2)MSD

Tot Ion:	127	Resp:	121035
Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.3	39.5
65	29.9	26.2	39.2
92	19.0	15.9	23.9

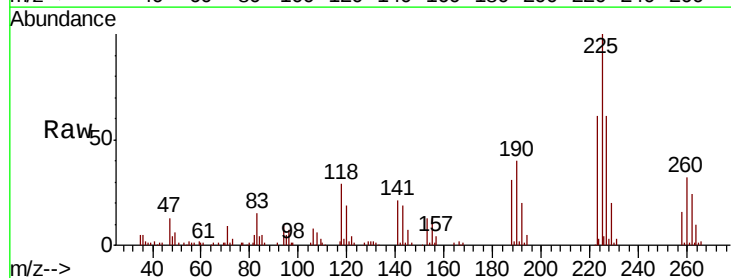


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

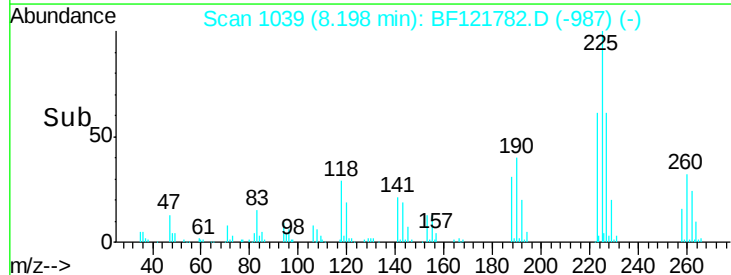
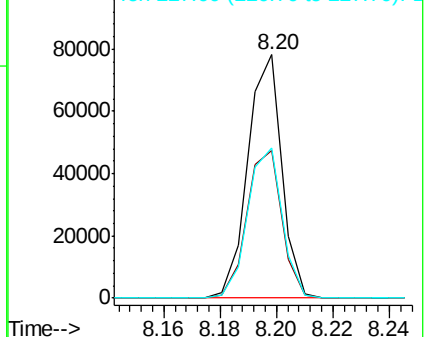


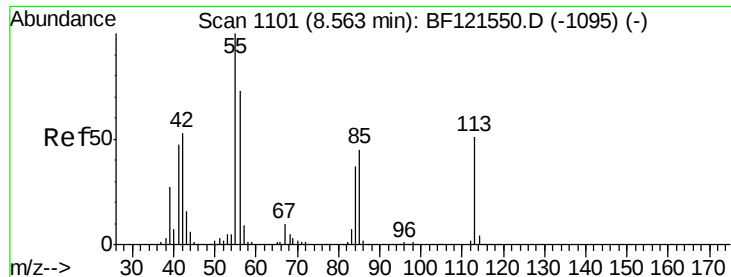
#34
Hexachlorobutadiene
Concen: 13.786 ng
RT: 8.20 min Scan# 1039
Delta R.T. 0.01 min
Lab File: BF121782.D
Acq: 1 Oct 2020 22:51

Tgt Ion:	225	Resp:	65068
Ion	Ratio	Lower	Upper
225	100		
223	60.6	51.1	76.7
227	61.5	51.0	76.6



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: 12.465 ng

RT: 8.48 min Scan# 1087

Delta R.T. -0.03 min

Lab File: BF121782.D

Acq: 1 Oct 2020 22:51

Instrument :

BNA_F

ClientSampleId :

B-11(1-2)MSD

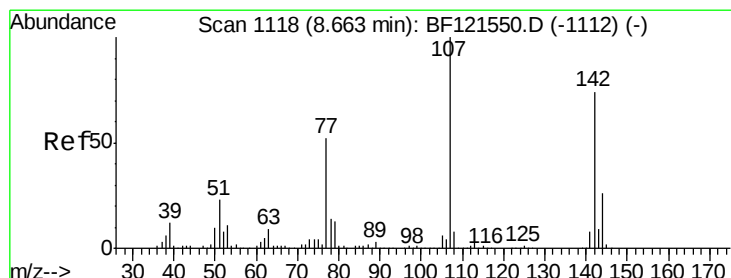
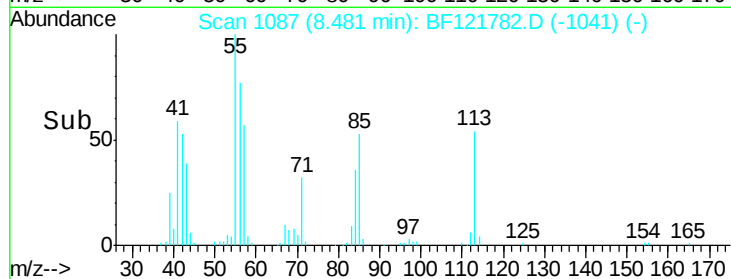
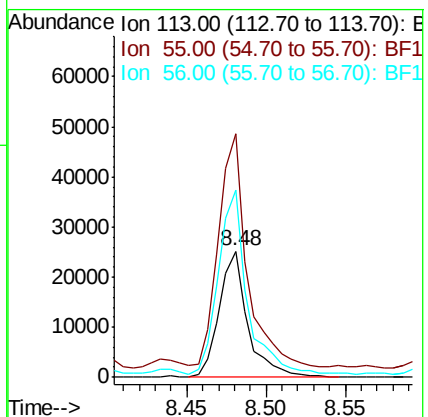
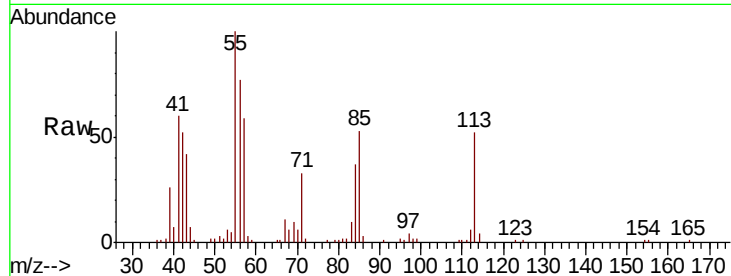
Tot Ion:113 Resp: 31693

Ion Ratio Lower Upper

113 100

55 192.8 167.5 207.5

56 147.9 121.2 161.2



#36

4-Chloro-3-methylphenol

Concen: 11.971 ng

RT: 8.62 min Scan# 1110

Delta R.T. 0.00 min

Lab File: BF121782.D

Acq: 1 Oct 2020 22:51

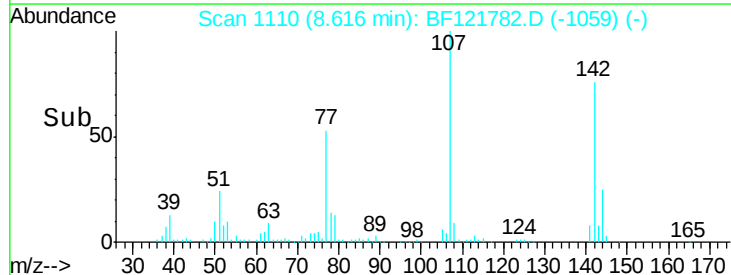
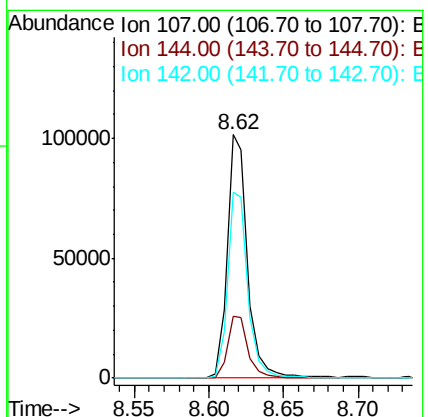
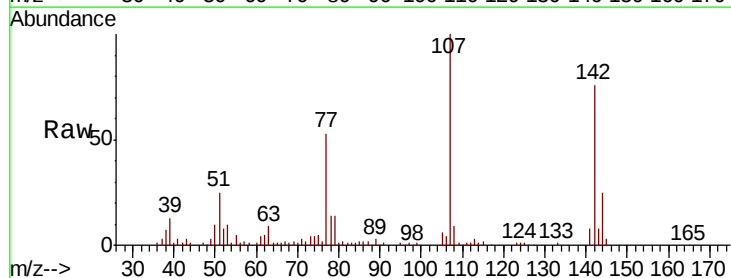
Tgt Ion:107 Resp: 98460

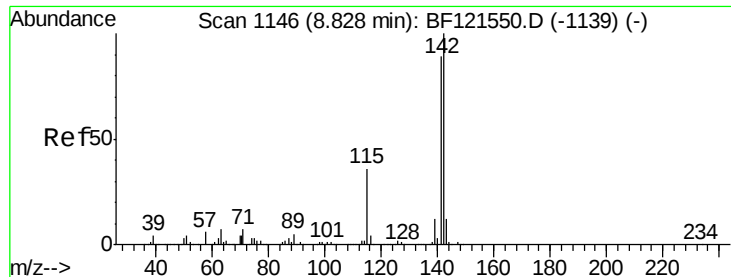
Ion Ratio Lower Upper

107 100

144 25.3 20.1 30.1

142 76.4 59.3 88.9

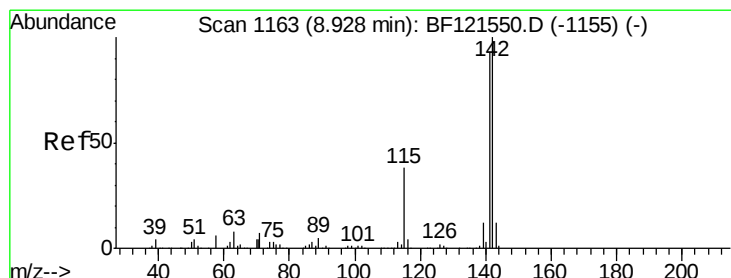
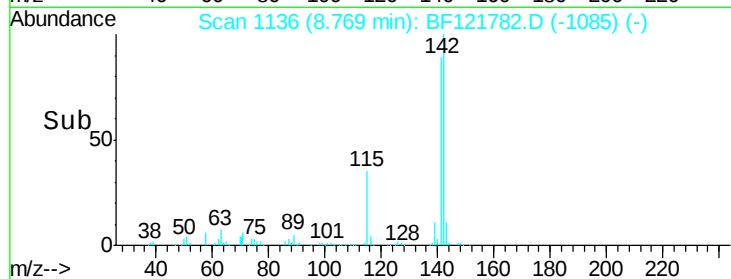
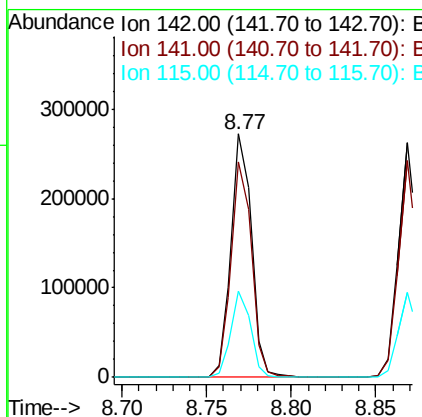
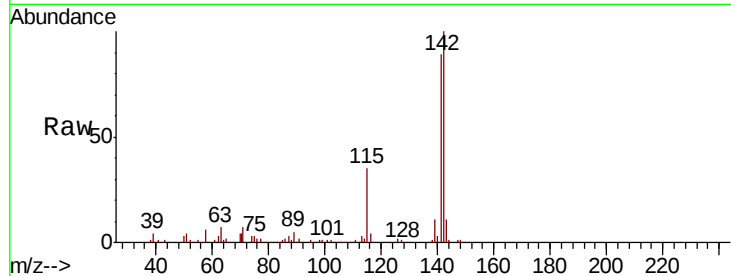




#37
2-Methylnaphthalene
Concen: 13.307 ng
RT: 8.77 min Scan# 1136
Delta R.T. 0.00 min
Lab File: BF121782.D
Acq: 1 Oct 2020 22:51

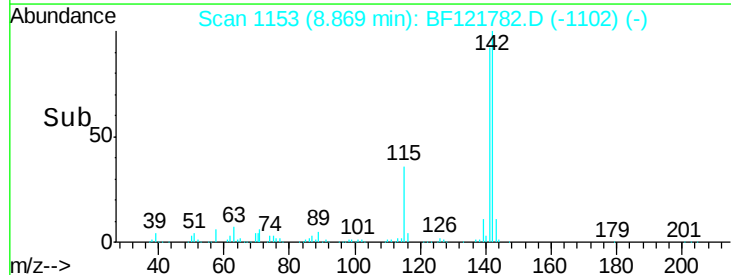
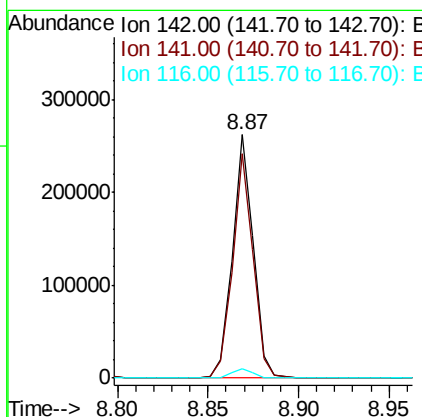
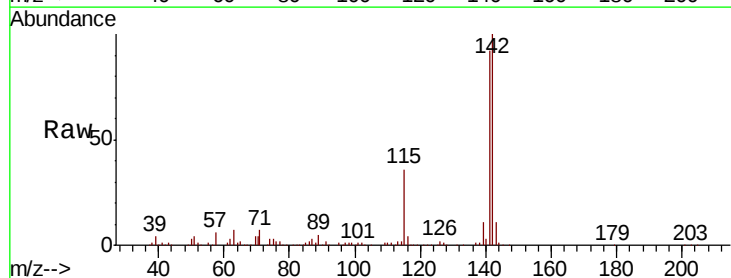
Instrument :
BNA_F
ClientSampleId :
B-11(1-2)MSD

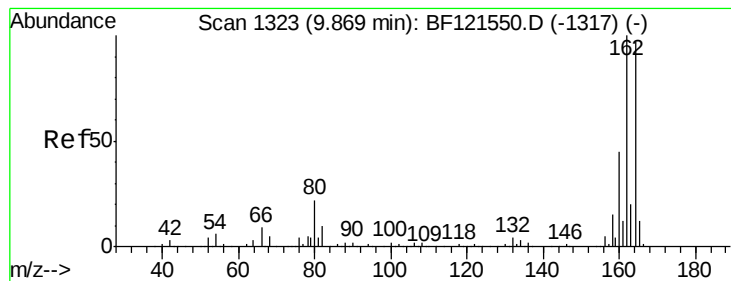
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.2	105.4
115	35.3	28.6	43.0



#38
1-Methylnaphthalene
Concen: 12.986 ng
RT: 8.87 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF121782.D
Acq: 1 Oct 2020 22:51

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.3	74.5	111.7
116	3.7	3.2	4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.81 min Scan# 1313

Delta R.T. 0.00 min

Lab File: BF121782.D

Acq: 1 Oct 2020 22:51

Instrument :

BNA_F

ClientSampleId :

B-11(1-2)MSD

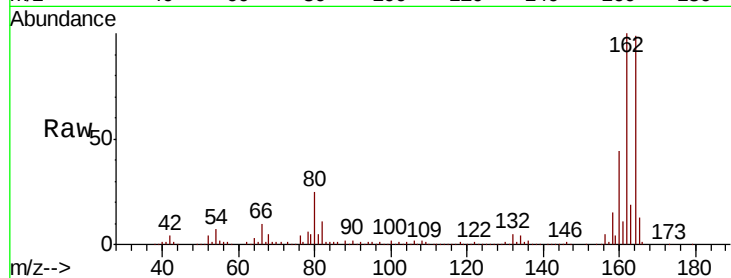
Tot Ion:164 Resp: 216638

Ion Ratio Lower Upper

164 100

162 101.4 83.2 124.8

160 44.9 37.5 56.3

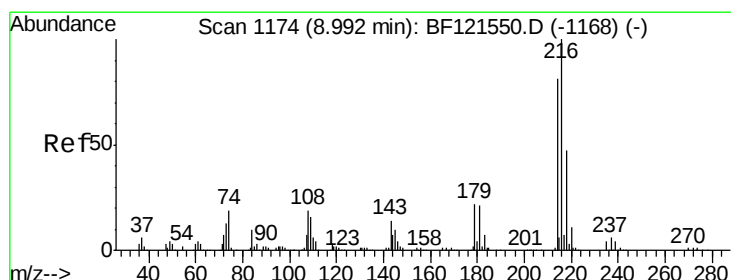
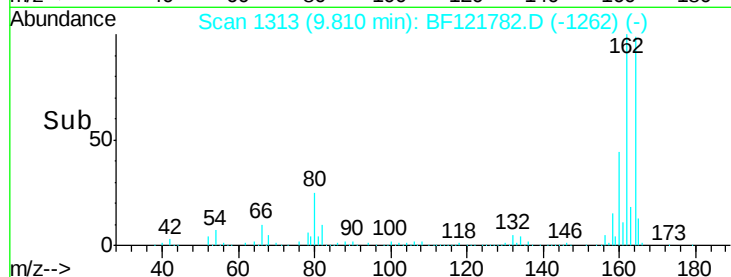
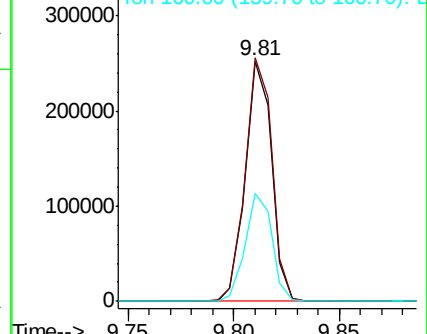


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 14.835 ng

RT: 8.94 min Scan# 1165

Delta R.T. 0.01 min

Lab File: BF121782.D

Acq: 1 Oct 2020 22:51

Tgt Ion:216 Resp: 100387

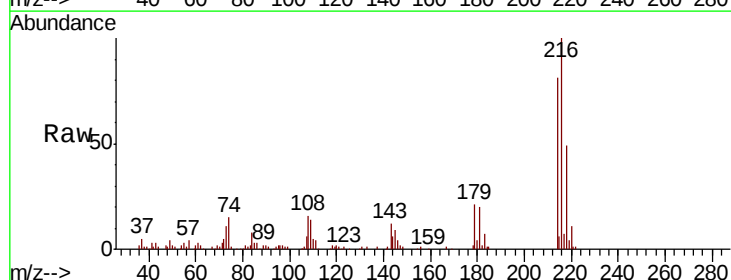
Ion Ratio Lower Upper

216 100

214 80.7 63.4 95.2

179 21.6 17.0 25.6

108 18.0 15.5 23.3



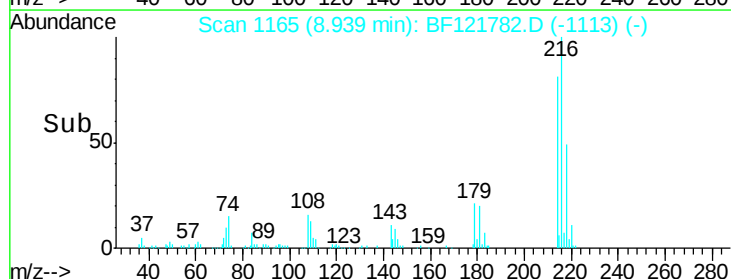
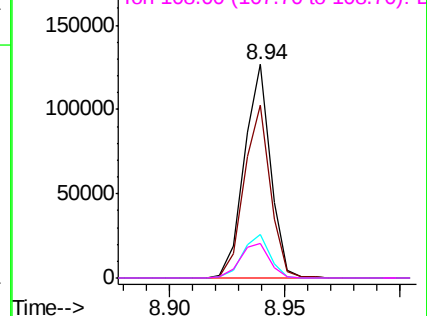
Abundance

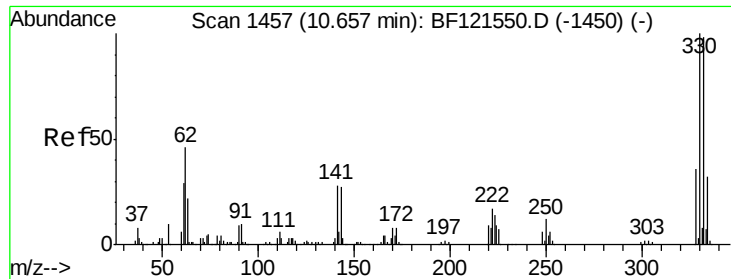
Ion 216.00 (215.70 to 216.70): E

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





#42

2,4,6-Tribromophenol

Concen: 30.784 ng

RT: 10.60 min Scan# 1447

Delta R.T. -0.01 min

Lab File: BF121782.D

Acq: 1 Oct 2020 22:51

Instrument :

BNA_F

ClientSampleId :

B-11(1-2)MSD

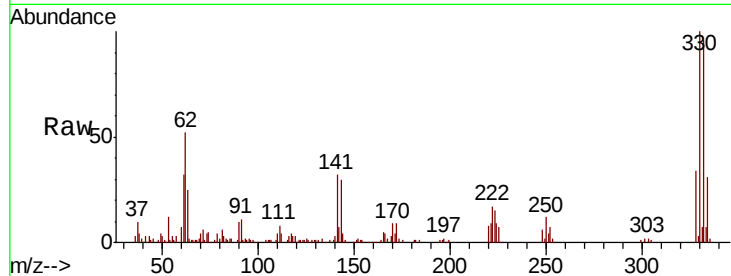
Tot Ion:330 Resp: 82886

Ion Ratio Lower Upper

330 100

332 97.3 77.3 115.9

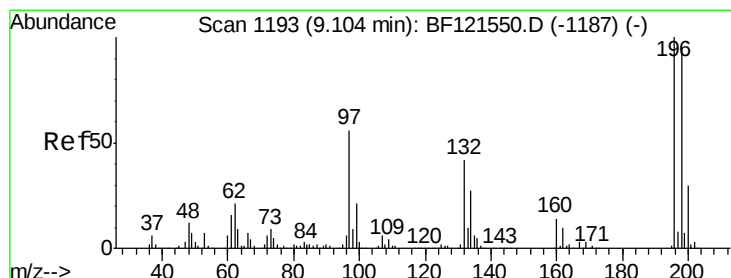
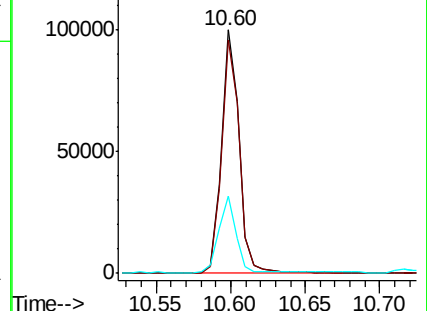
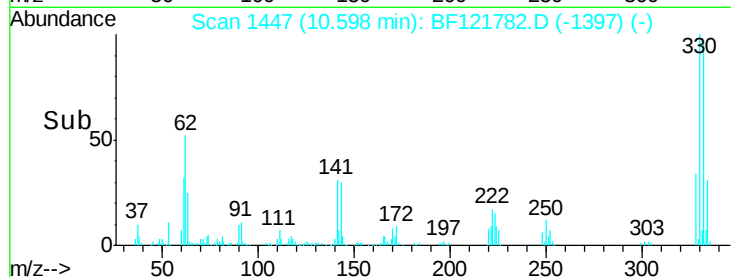
141 30.4 22.3 33.5



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#43

2,4,6-Trichlorophenol

Concen: 13.686 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BF121782.D

Acq: 1 Oct 2020 22:51

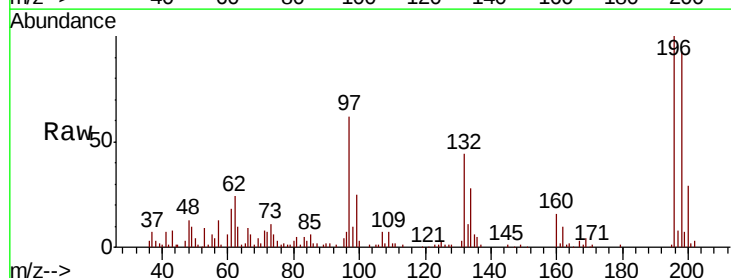
Tgt Ion:196 Resp: 63125

Ion Ratio Lower Upper

196 100

198 93.4 75.8 113.6

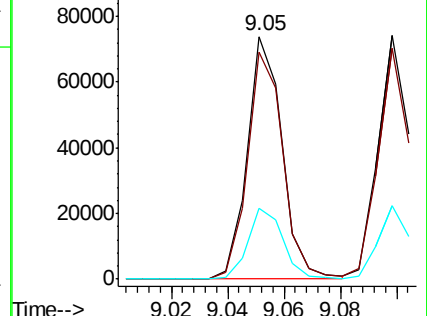
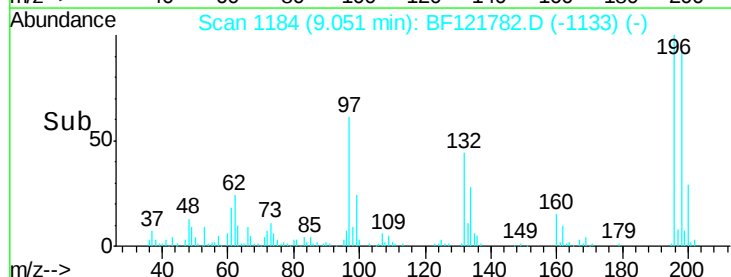
200 29.0 24.6 36.8

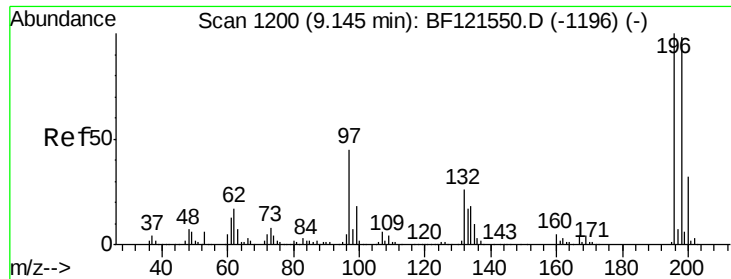


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

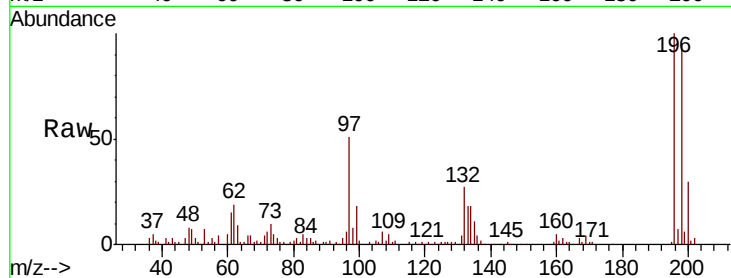




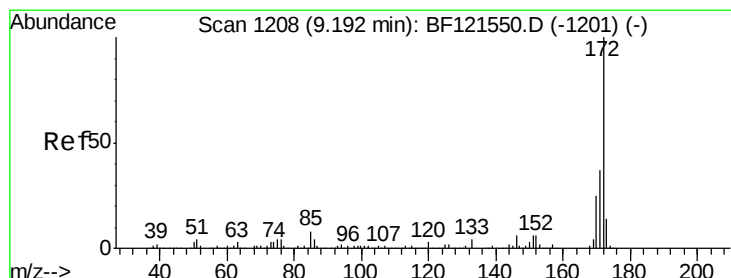
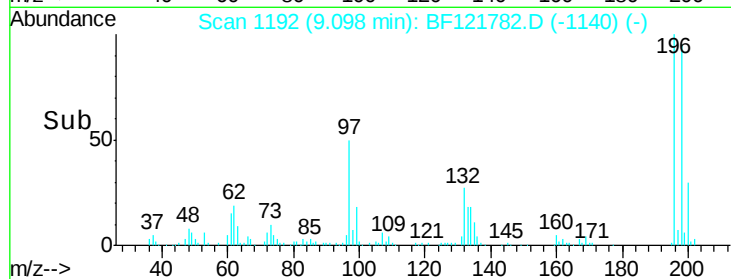
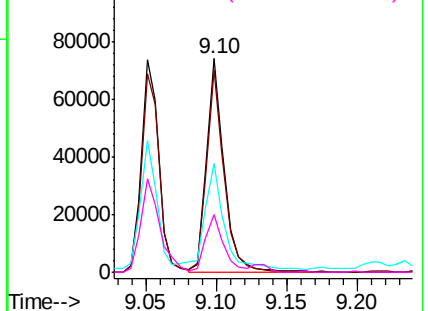
#44
 2,4,5-Trichlorophenol
 Concen: 13.190 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.01 min
 Lab File: BF121782.D
 Acq: 1 Oct 2020 22:51

Instrument :
 BNA_F
 ClientSampleId :
 B-11(1-2)MSD

Tot Ion:196 Resp: 64316
 Ion Ratio Lower Upper
 196 100
 198 94.8 76.1 114.1
 97 51.1 41.0 61.6
 132 27.0 22.4 33.6

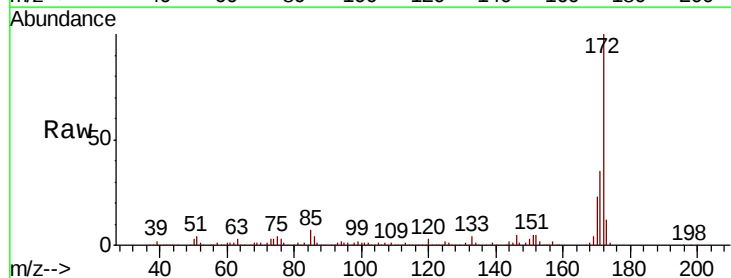


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

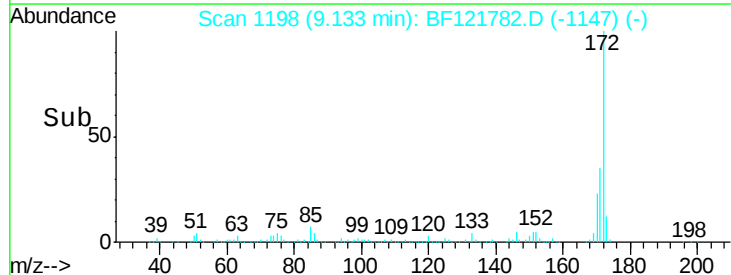
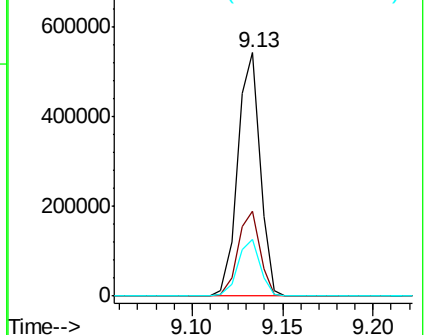


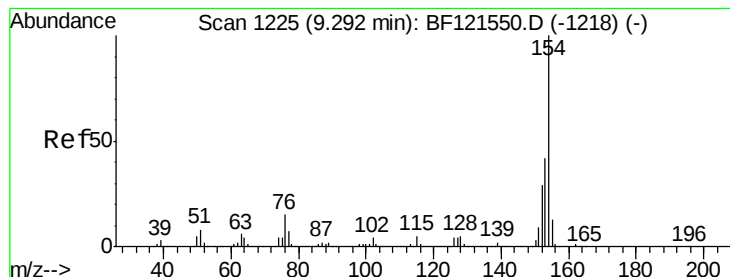
#45
 2-Fluorobiphenyl
 Concen: 32.594 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.00 min
 Lab File: BF121782.D
 Acq: 1 Oct 2020 22:51

Tgt Ion:172 Resp: 466229
 Ion Ratio Lower Upper
 172 100
 171 34.6 29.1 43.7
 170 23.2 19.8 29.6



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: 15.281 ng

RT: 9.23 min Scan# 1215

Delta R.T. 0.00 min

Lab File: BF121782.D

Acq: 1 Oct 2020 22:51

Instrument :

BNA_F

ClientSampleId :

B-11(1-2)MSD

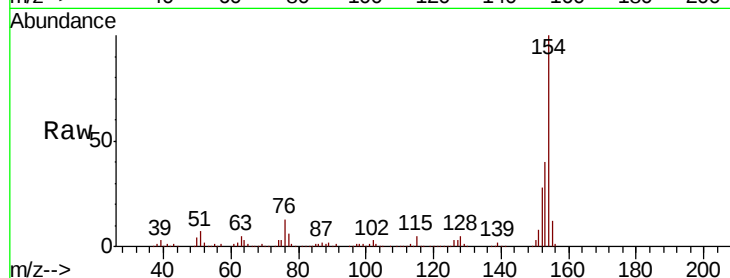
Tot Ion:154 Resp: 265029

Ion Ratio Lower Upper

154 100

153 39.7 21.3 61.3

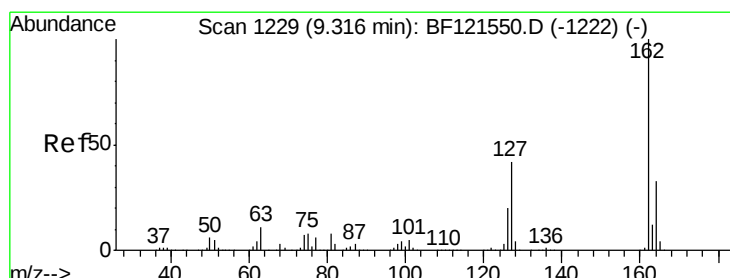
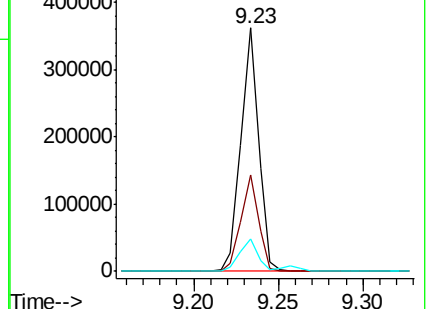
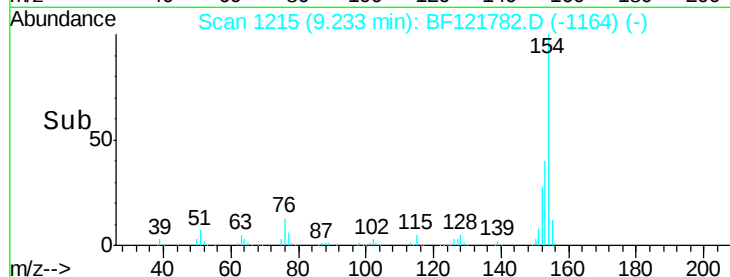
76 13.3 0.0 34.7



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: 14.324 ng

RT: 9.26 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BF121782.D

Acq: 1 Oct 2020 22:51

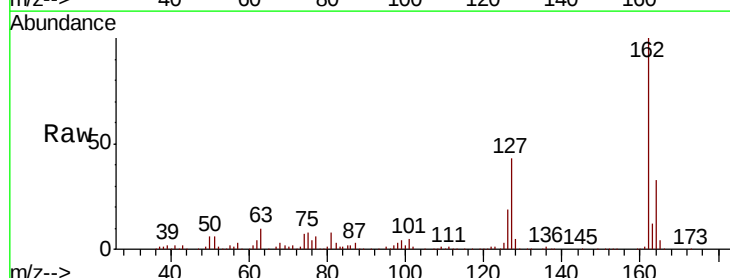
Tgt Ion:162 Resp: 195768

Ion Ratio Lower Upper

162 100

127 42.6 34.4 51.6

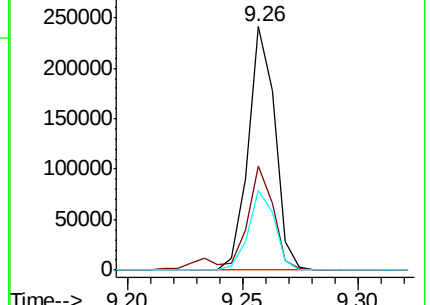
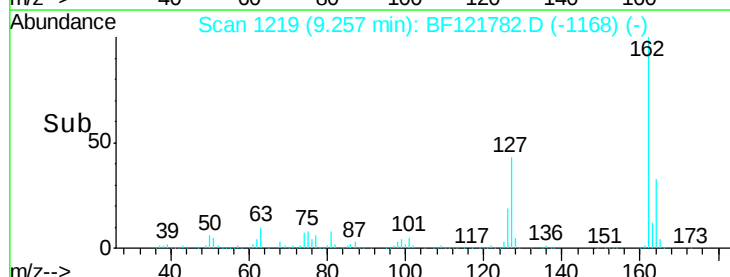
164 32.8 26.3 39.5

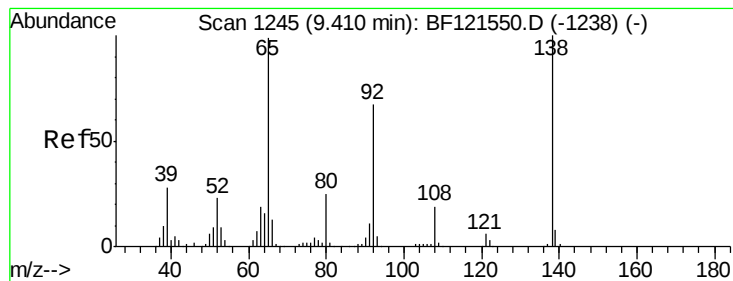


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#48

2-Nitroaniline

Concen: 15.837 ng

RT: 9.36 min Scan# 1236

Delta R.T. 0.00 min

Lab File: BF121782.D

Acq: 1 Oct 2020 22:51

Instrument :

BNA_F

ClientSampleId :

B-11(1-2)MSD

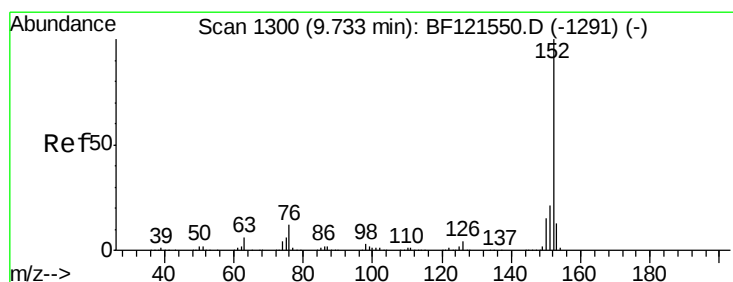
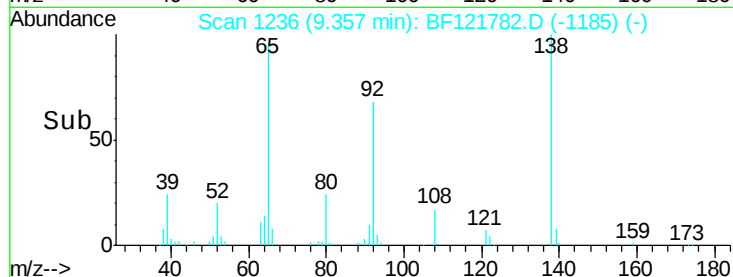
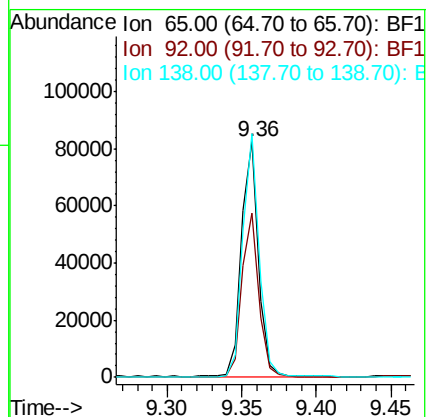
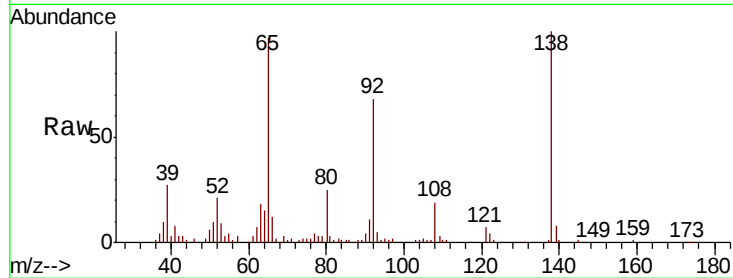
Tot Ion: 65 Resp: 67259

Ion Ratio Lower Upper

65 100

92 69.9 55.1 82.7

138 103.4 80.5 120.7



#49

Acenaphthylene

Concen: 13.854 ng

RT: 9.67 min Scan# 1290

Delta R.T. 0.00 min

Lab File: BF121782.D

Acq: 1 Oct 2020 22:51

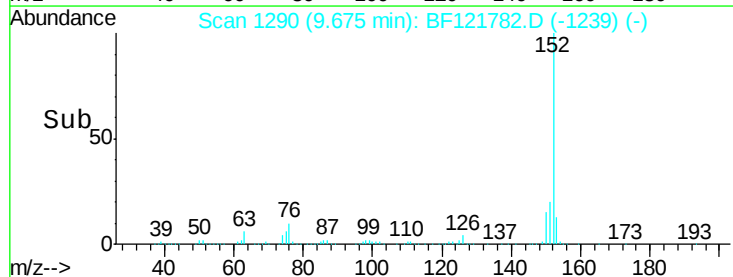
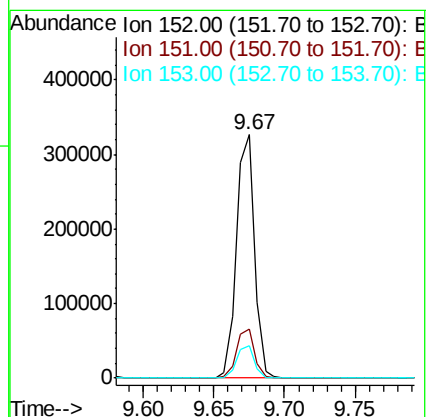
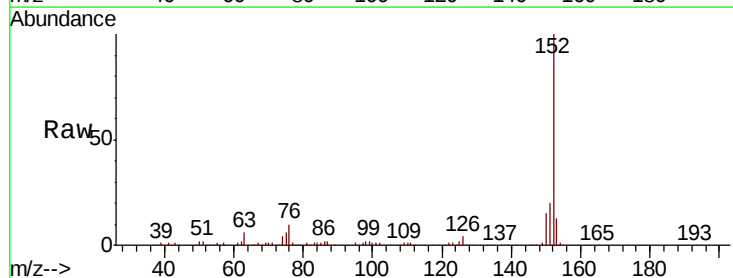
Tgt Ion: 152 Resp: 290918

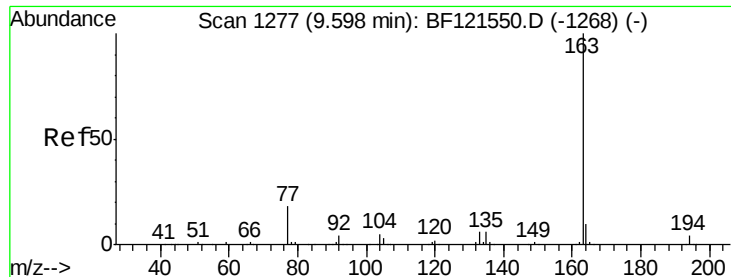
Ion Ratio Lower Upper

152 100

151 20.4 16.4 24.6

153 13.2 10.6 15.8

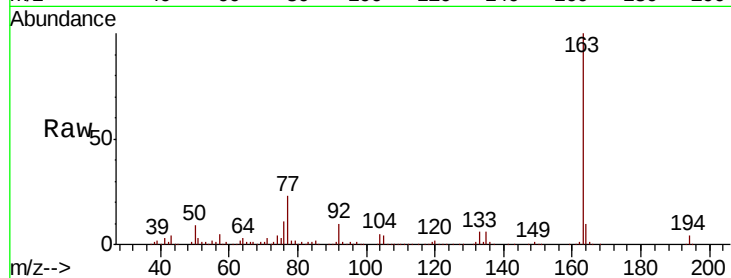




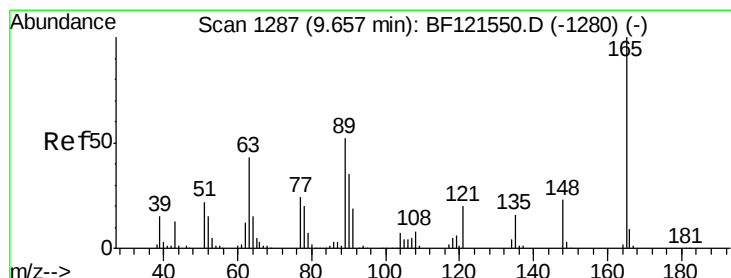
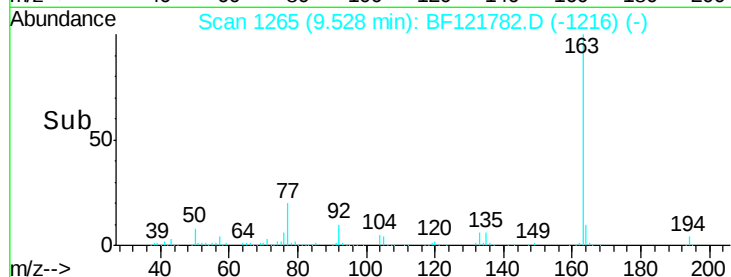
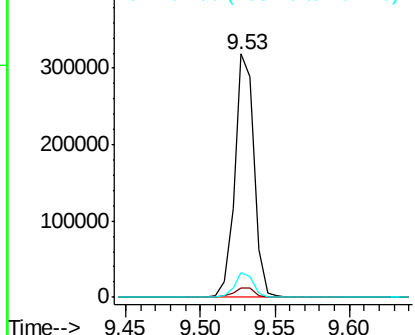
#50
Dimethylphthalate
Concen: 18.452 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BF121782.D
Acq: 1 Oct 2020 22:51

Instrument :
BNA_F
ClientSampleId :
B-11(1-2)MSD

Tot Ion:163 Resp: 289723
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.2 8.2 12.4

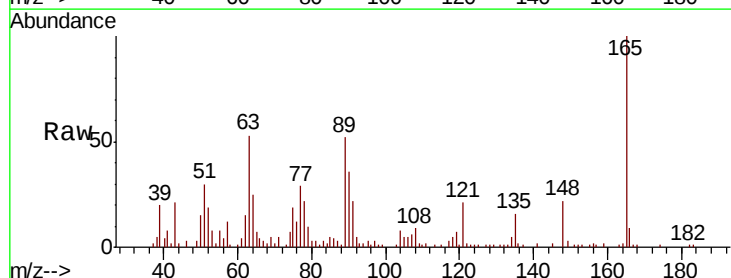


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

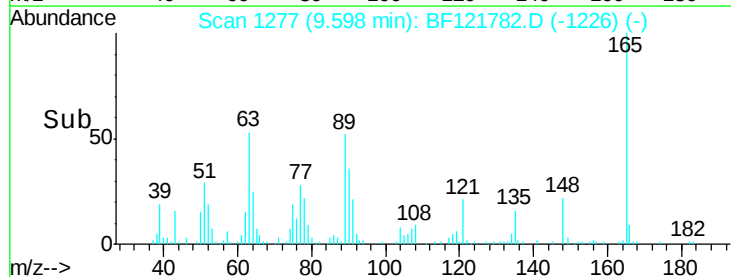
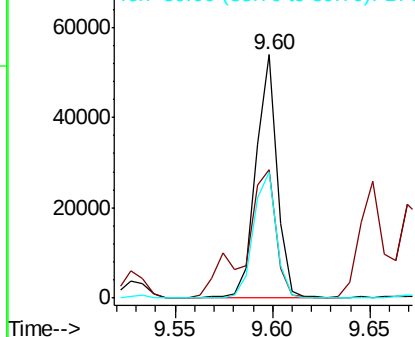


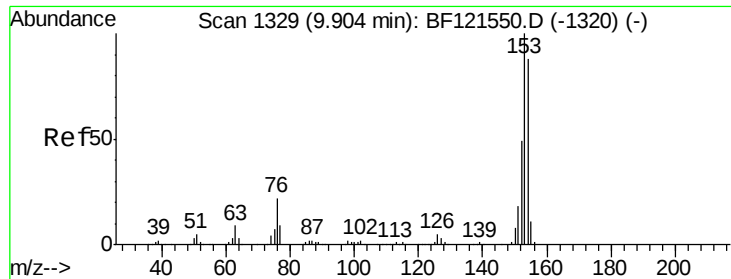
#51
2,6-Dinitrotoluene
Concen: 12.153 ng
RT: 9.60 min Scan# 1277
Delta R.T. 0.00 min
Lab File: BF121782.D
Acq: 1 Oct 2020 22:51

Tgt Ion:165 Resp: 40640
Ion Ratio Lower Upper
165 100
63 52.8 51.8 77.6
89 51.5 49.0 73.6



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





#52

Acenaphthene

Concen: 12.886 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.00 min

Lab File: BF121782.D

Acq: 1 Oct 2020 22:51

Instrument :

BNA_F

ClientSampleId :

B-11(1-2)MSD

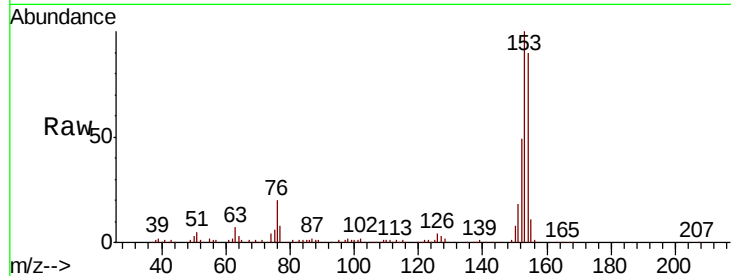
Tot Ion:154 Resp: 170905

Ion Ratio Lower Upper

154 100

153 111.2 89.8 134.8

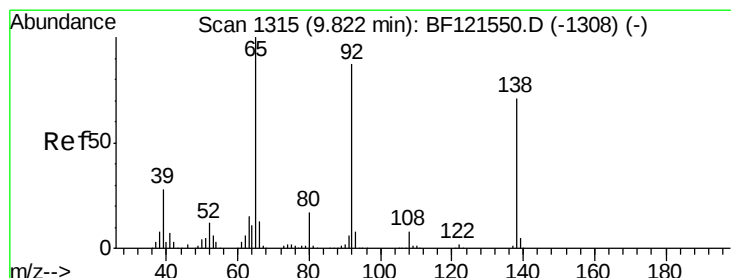
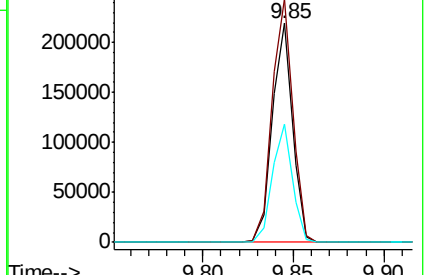
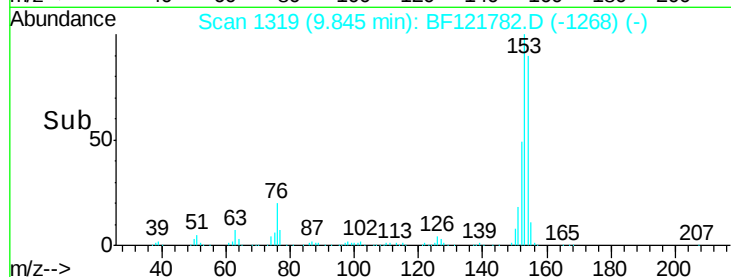
152 54.1 43.2 64.8



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: 13.849 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF121782.D

Acq: 1 Oct 2020 22:51

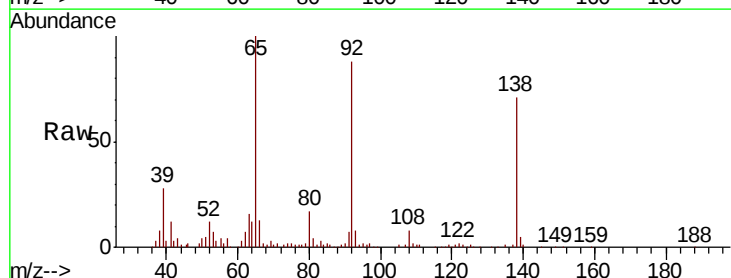
Tgt Ion:138 Resp: 53646

Ion Ratio Lower Upper

138 100

108 11.6 8.6 13.0

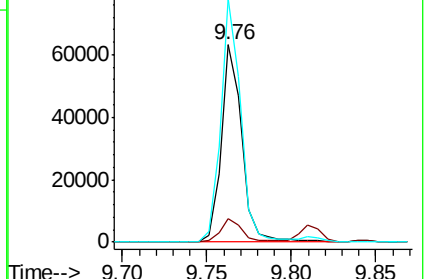
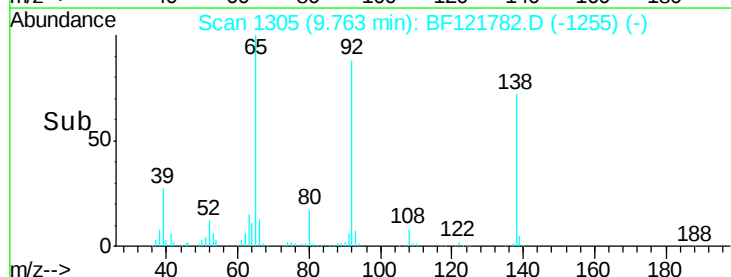
92 123.3 96.6 144.8

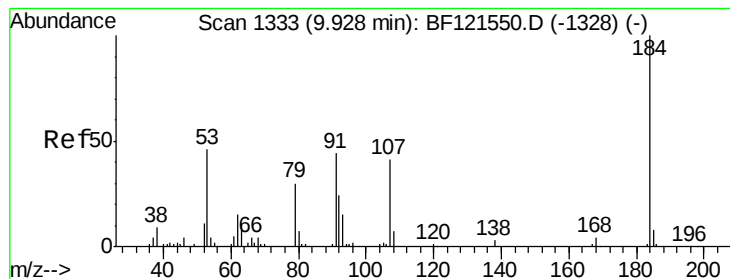


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





#54

2,4-Dinitrophenol

Concen: 9.436 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.01 min

Lab File: BF121782.D

Acq: 1 Oct 2020 22:51

Instrument :

BNA_F

ClientSampleId :

B-11(1-2)MSD

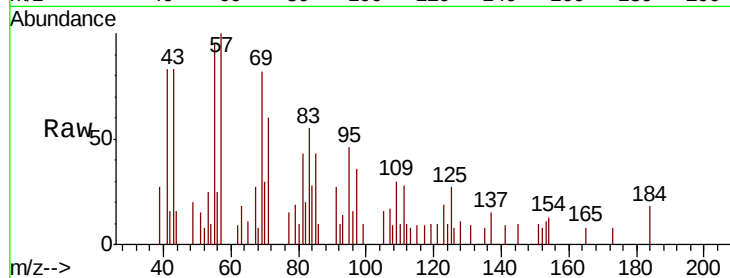
Tot Ion:184 Resp: 844

Ion Ratio Lower Upper

184 100

63 99.5 45.9 68.9#

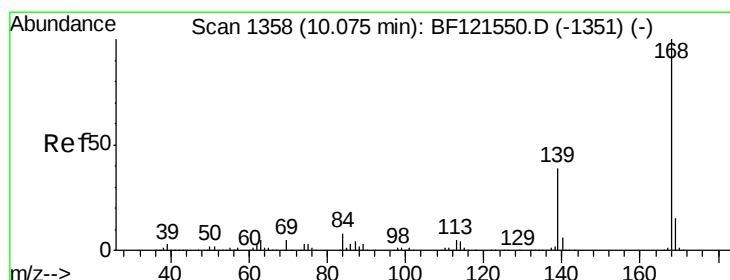
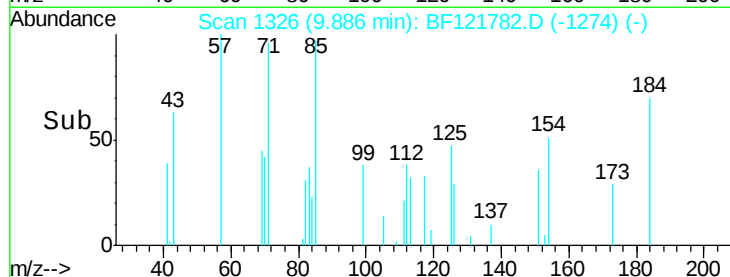
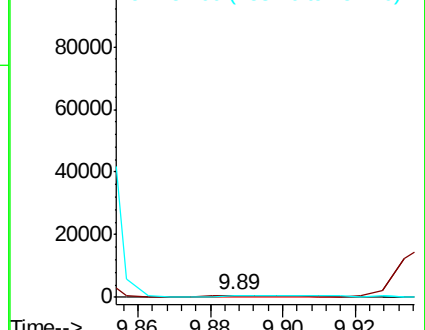
154 72.8 45.8 68.6#



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: 13.487 ng

RT: 10.02 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BF121782.D

Acq: 1 Oct 2020 22:51

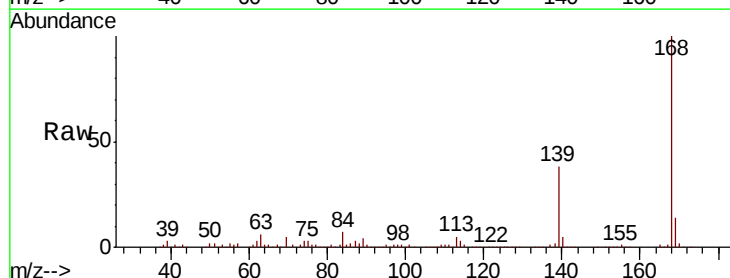
Tgt Ion:168 Resp: 251911

Ion Ratio Lower Upper

168 100

139 38.2 31.0 46.6

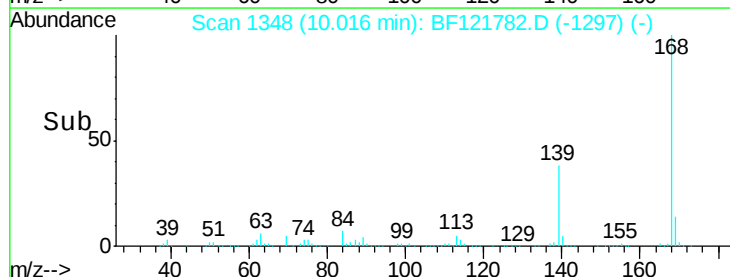
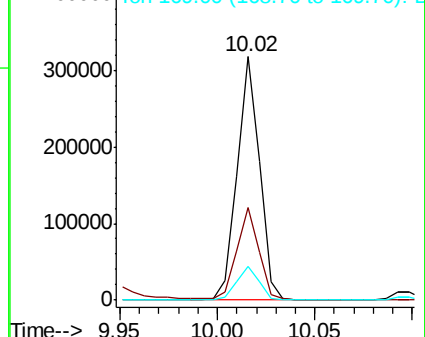
169 13.8 11.3 16.9

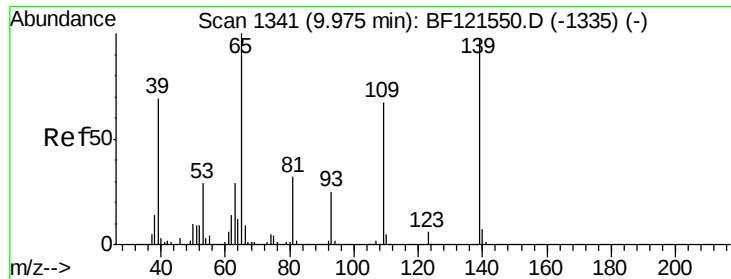


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

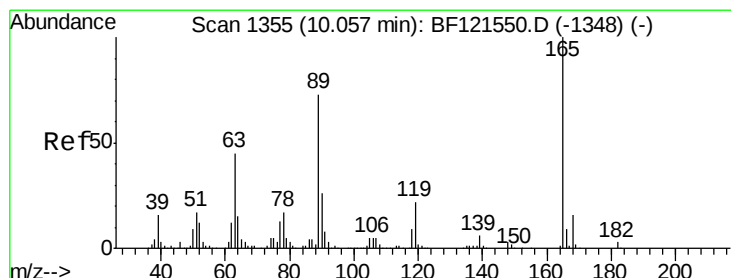
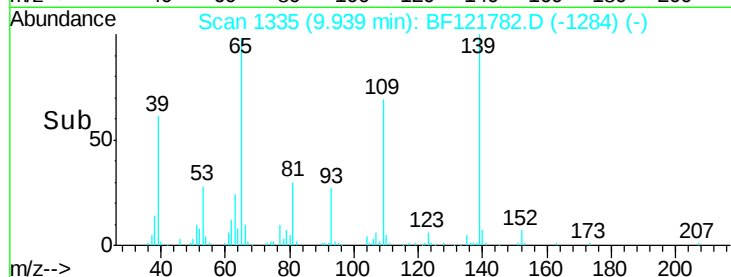
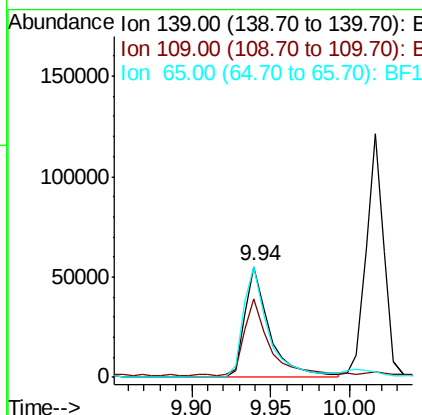
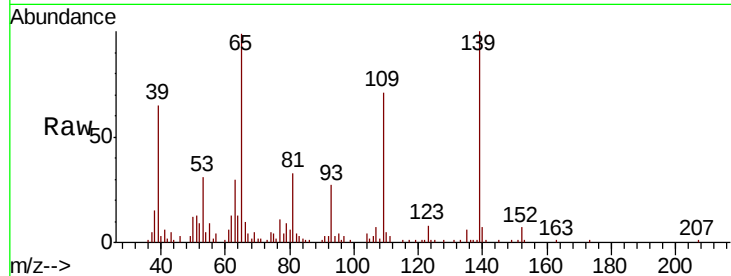




#56
4-Nitrophenol
Concen: 19.453 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BF121782.D
Acq: 1 Oct 2020 22:51

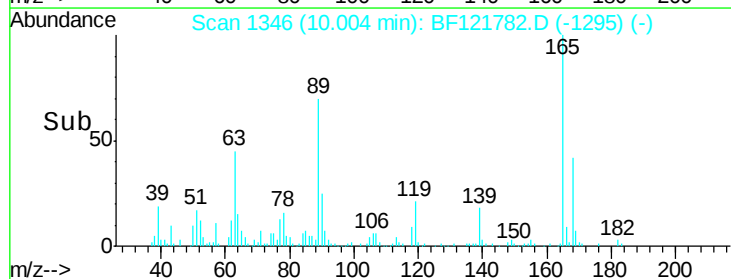
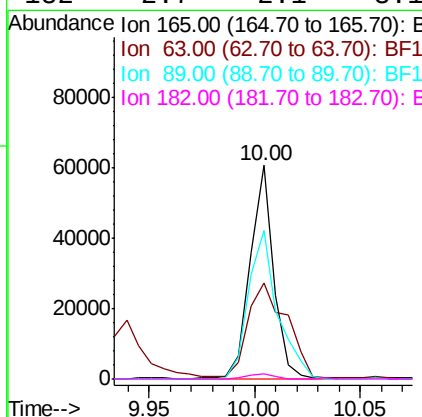
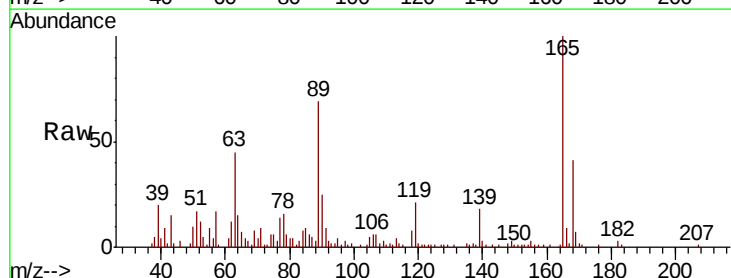
Instrument :
BNA_F
ClientSampleId :
B-11(1-2)MSD

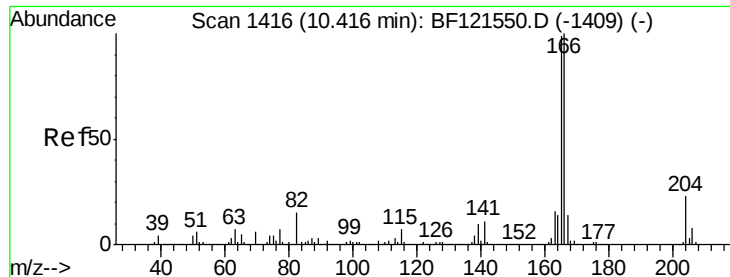
Tot Ion:139 Resp: 60096
Ion Ratio Lower Upper
139 100
109 70.9 45.4 85.4
65 99.2 68.4 108.4



#57
2,4-Dinitrotoluene
Concen: 11.307 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BF121782.D
Acq: 1 Oct 2020 22:51

Tgt Ion:165 Resp: 47565
Ion Ratio Lower Upper
165 100
63 44.8 41.3 61.9
89 69.3 61.8 92.8
182 2.7 2.1 3.1





#58

Fluorene

Concen: 13.848 ng

RT: 10.36 min Scan# 1406

Delta R.T. 0.00 min

Lab File: BF121782.D

Acq: 1 Oct 2020 22:51

Instrument :

BNA_F

ClientSampleId :

B-11(1-2)MSD

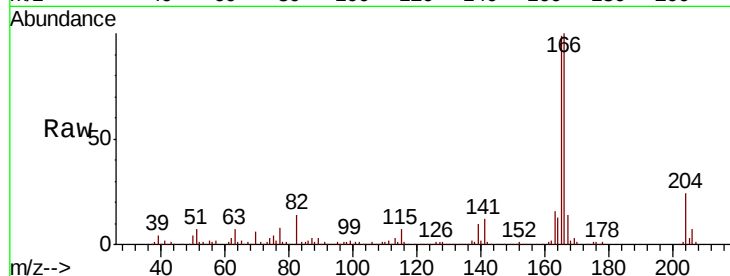
Tot Ion:166 Resp: 197795

Ion Ratio Lower Upper

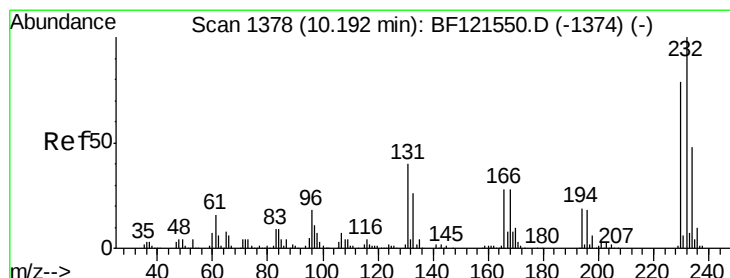
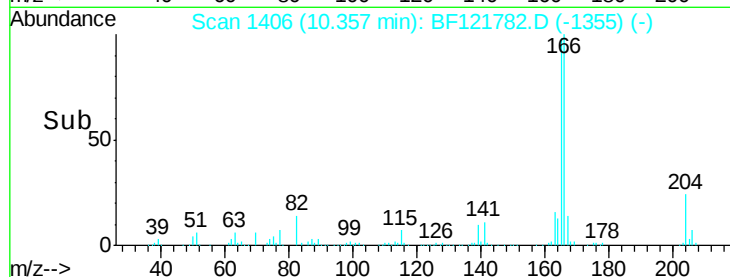
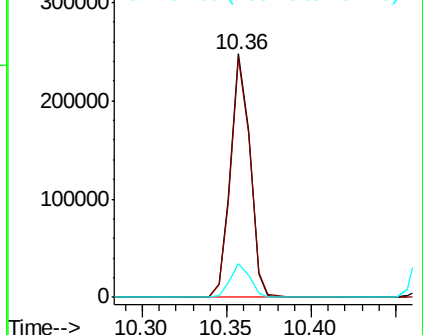
166 100

165 98.6 79.1 118.7

167 13.8 11.0 16.6



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



#59

2,3,4,6-Tetrachlorophenol

Concen: 12.101 ng

RT: 10.14 min Scan# 1369

Delta R.T. 0.00 min

Lab File: BF121782.D

Acq: 1 Oct 2020 22:51

Tgt Ion:232 Resp: 47970

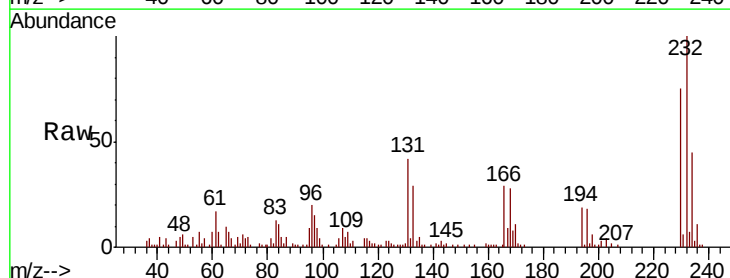
Ion Ratio Lower Upper

232 100

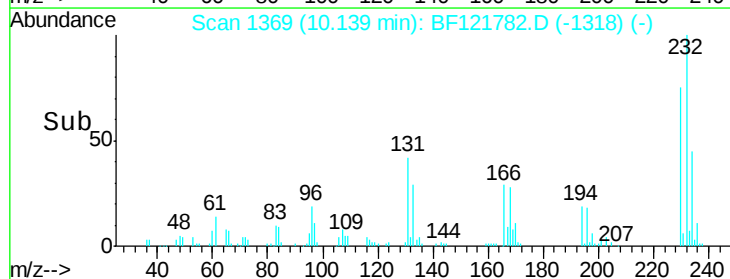
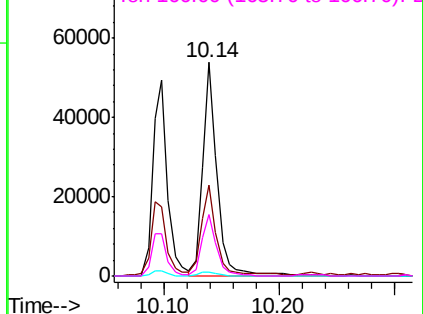
131 42.8 35.9 53.9

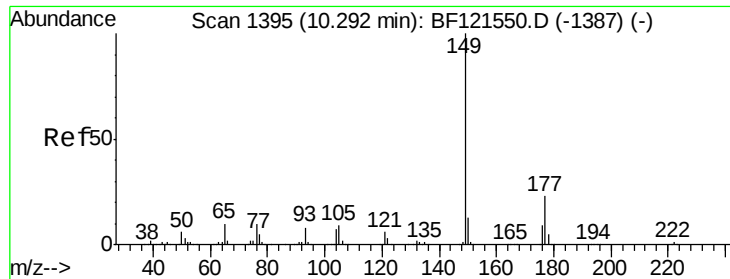
130 2.6 1.8 2.6

166 29.2 23.5 35.3



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

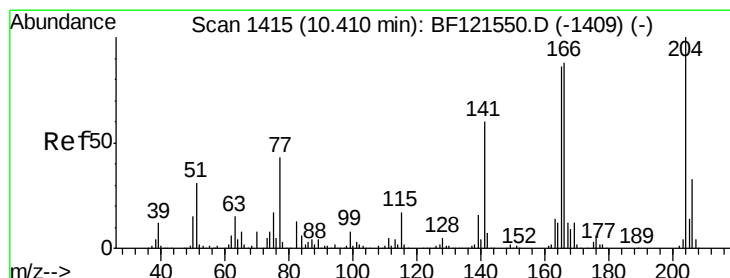
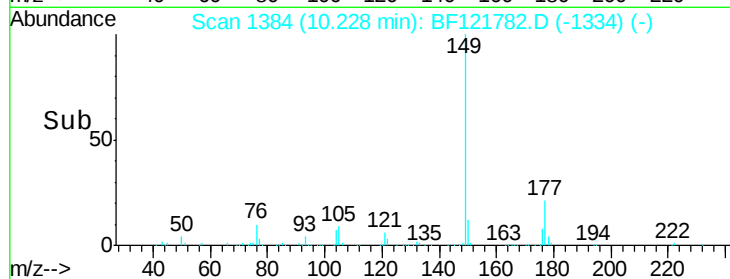
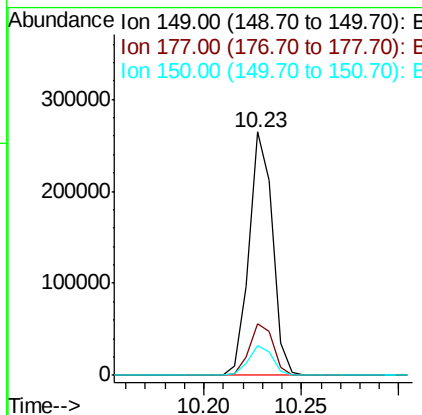
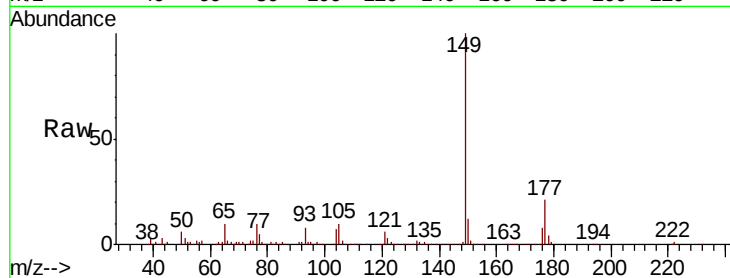




#60
Diethylphthalate
Concen: 14.344 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BF121782.D
Acq: 1 Oct 2020 22:51

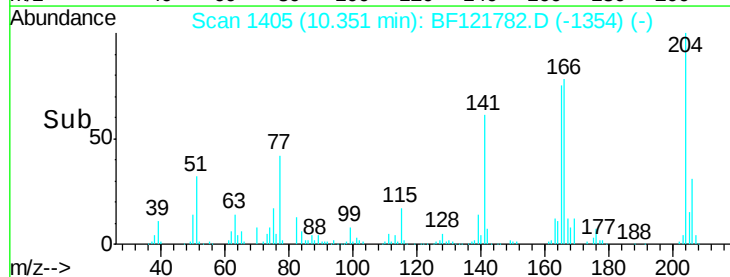
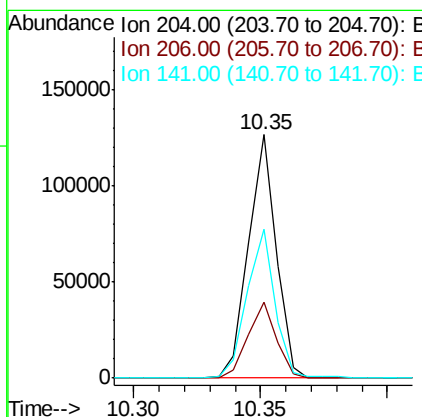
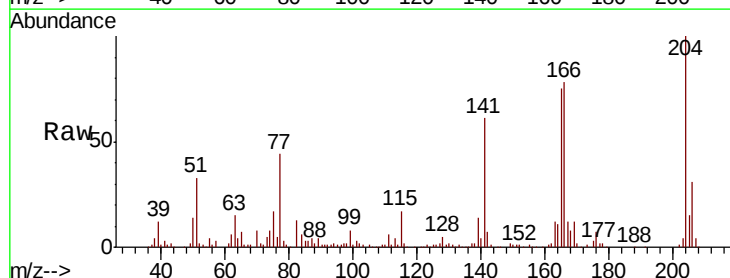
Instrument :
BNA_F
ClientSampleId :
B-11(1-2)MSD

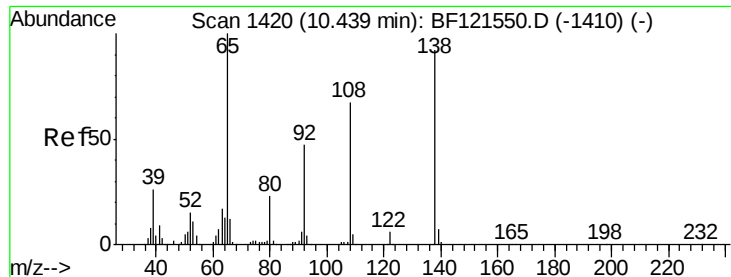
Tot Ion:149 Resp: 219595
Ion Ratio Lower Upper
149 100
177 21.4 18.1 27.1
150 12.5 10.3 15.5



#61
4-Chlorophenyl-phenylether
Concen: 14.148 ng
RT: 10.35 min Scan# 1405
Delta R.T. 0.00 min
Lab File: BF121782.D
Acq: 1 Oct 2020 22:51

Tgt Ion:204 Resp: 96806
Ion Ratio Lower Upper
204 100
206 31.2 26.0 39.0
141 61.2 46.2 69.4





#62

4-Nitroaniline

Concen: 13.908 ng

RT: 10.37 min Scan# 1409

Delta R.T. -0.01 min

Lab File: BF121782.D

Acq: 1 Oct 2020 22:51

Instrument :

BNA_F

ClientSampleId :

B-11(1-2)MSD

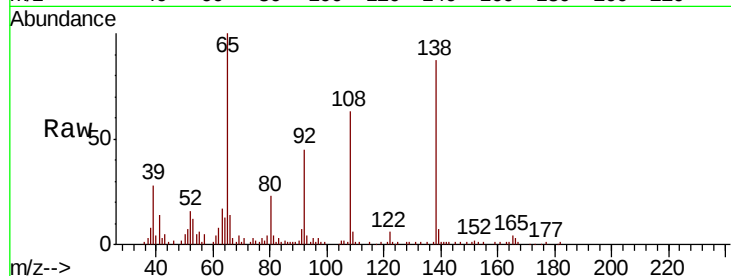
Tot Ion:138 Resp: 53492

Ion Ratio Lower Upper

138 100

92 51.7 31.0 71.0

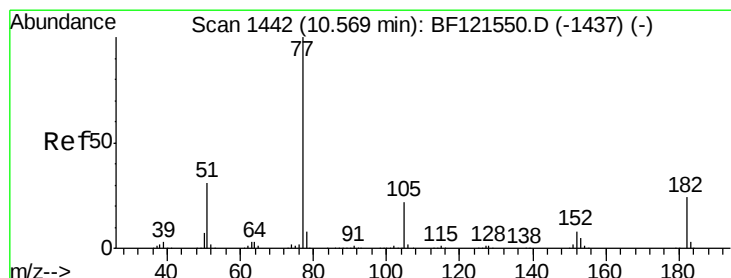
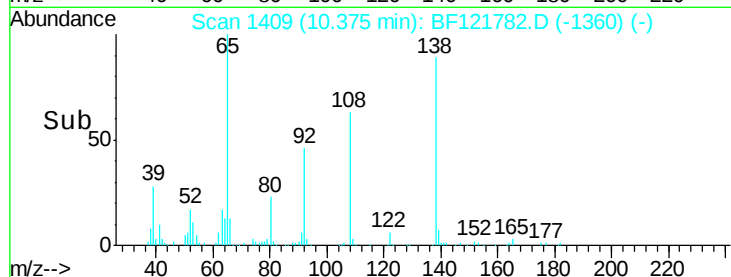
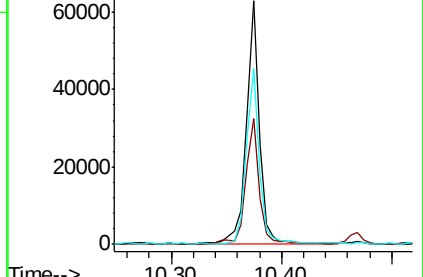
108 72.1 51.5 91.5



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: 12.215 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BF121782.D

Acq: 1 Oct 2020 22:51

Tgt Ion: 77 Resp: 199128

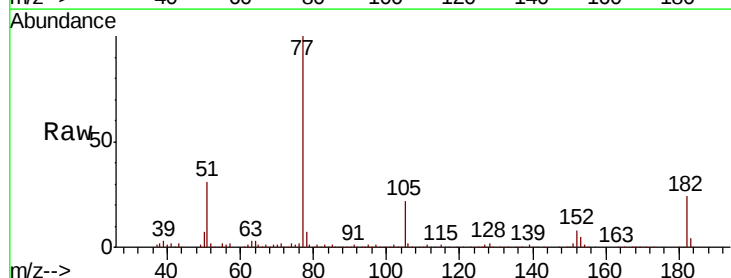
Ion Ratio Lower Upper

77 100

182 24.0 3.4 43.4

105 21.5 1.7 41.7

51 31.2 11.6 51.6

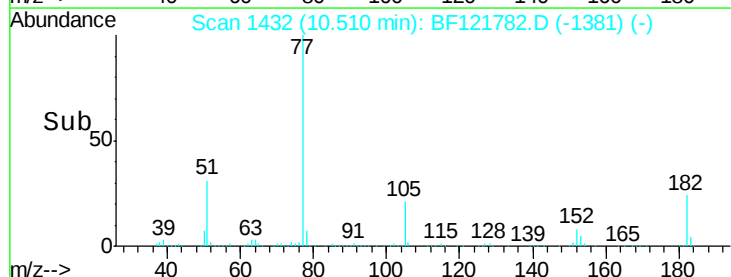
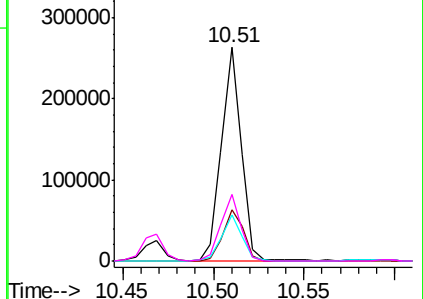


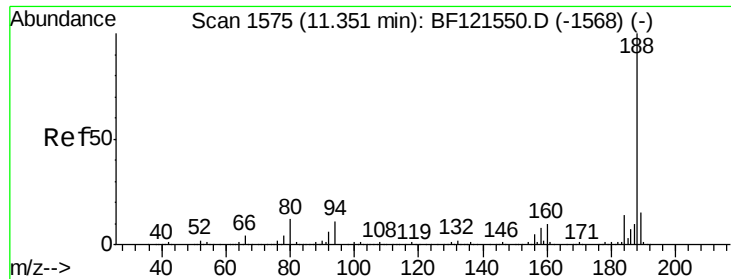
Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.30 min Scan# 1566

Delta R.T. 0.01 min

Lab File: BF121782.D

Acq: 1 Oct 2020 22:51

Instrument :

BNA_F

ClientSampleId :

B-11(1-2)MSD

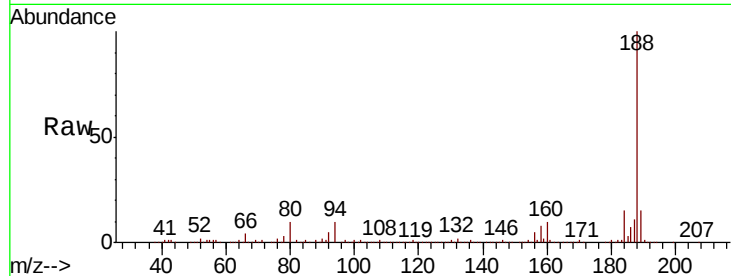
Tot Ion:188 Resp: 351461

Ion Ratio Lower Upper

188 100

94 9.6 8.3 12.5

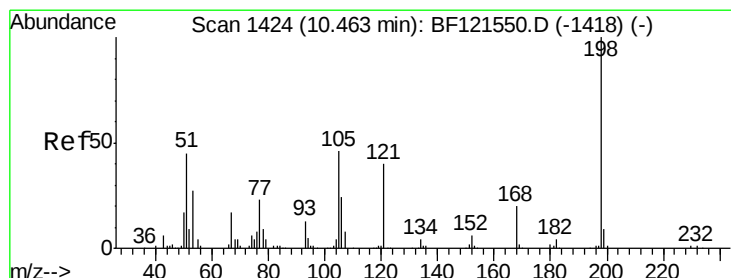
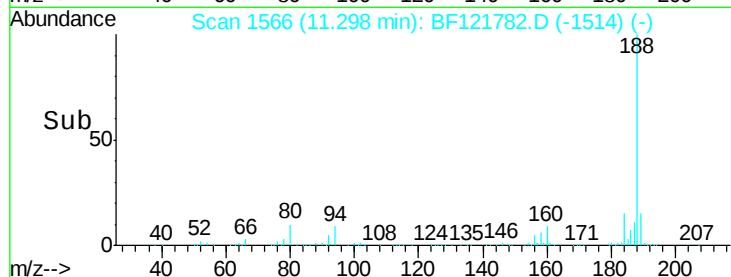
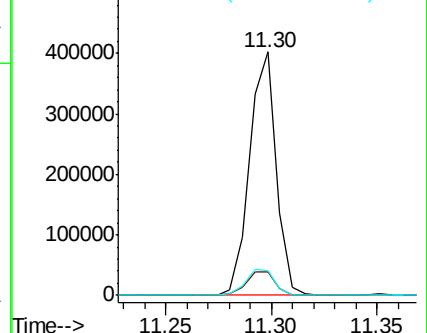
80 10.3 9.1 13.7



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: 7.375 ng

RT: 10.42 min Scan# 1416

Delta R.T. 0.00 min

Lab File: BF121782.D

Acq: 1 Oct 2020 22:51

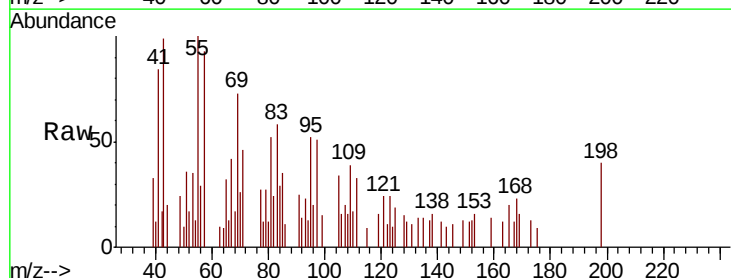
Tgt Ion:198 Resp: 1316

Ion Ratio Lower Upper

198 100

51 90.6 29.6 69.6#

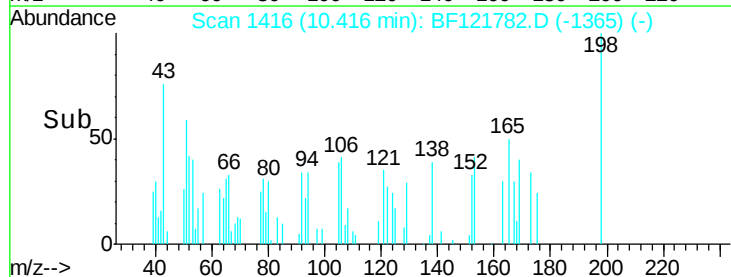
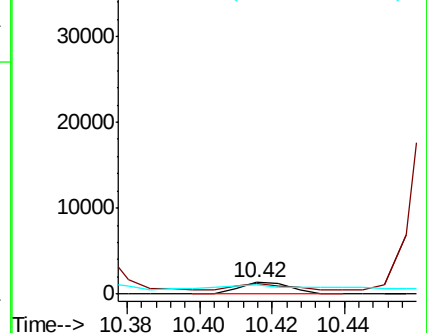
105 83.9 24.4 64.4#

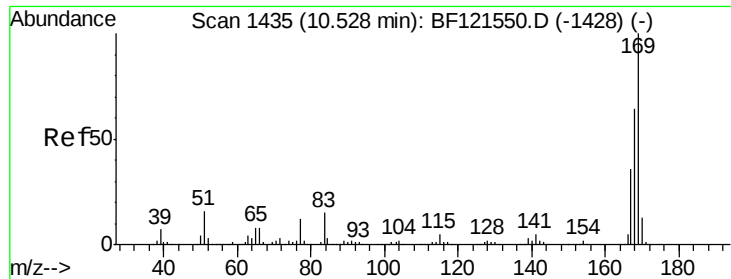


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

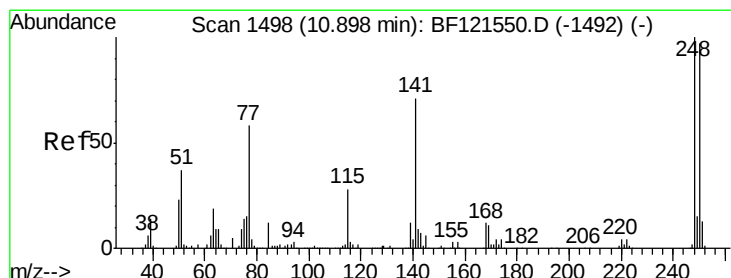
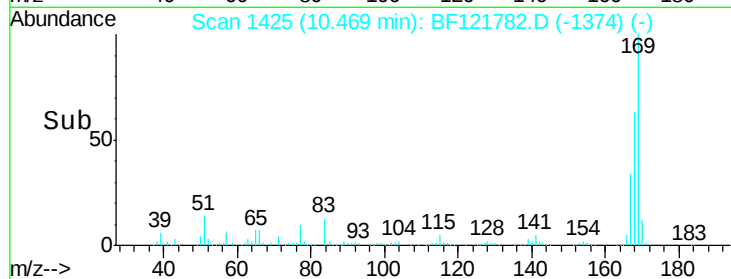
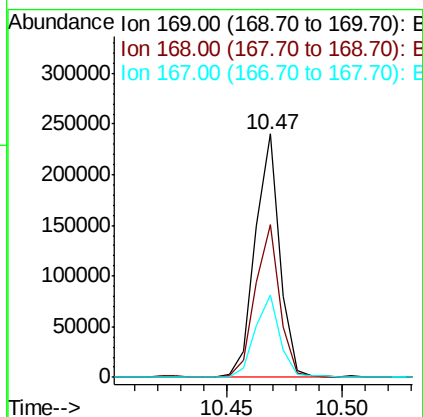
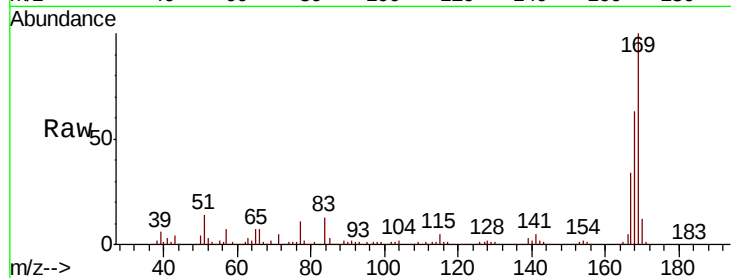




#66
 n-Nitrosodiphenylamine
 Concen: 14.942 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.00 min
 Lab File: BF121782.D
 Acq: 1 Oct 2020 22:51

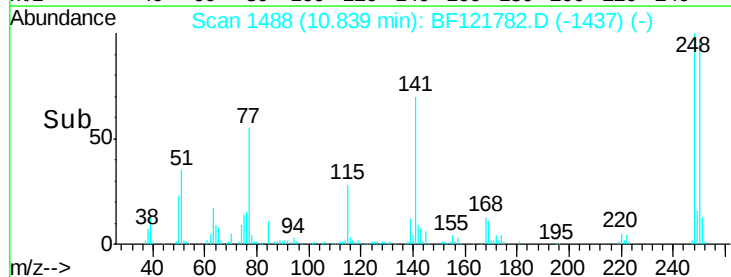
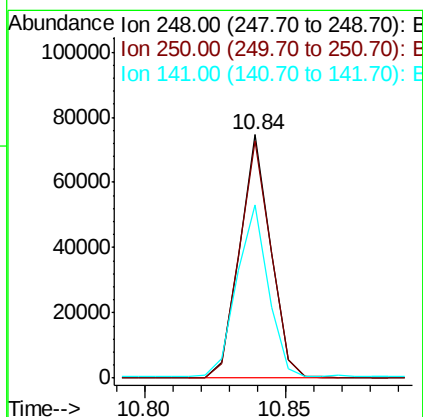
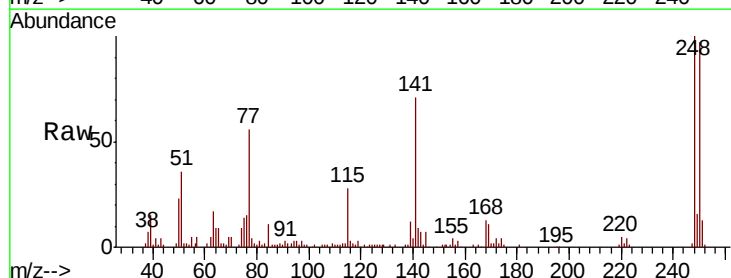
Instrument :
 BNA_F
 ClientSampleId :
 B-11(1-2)MSD

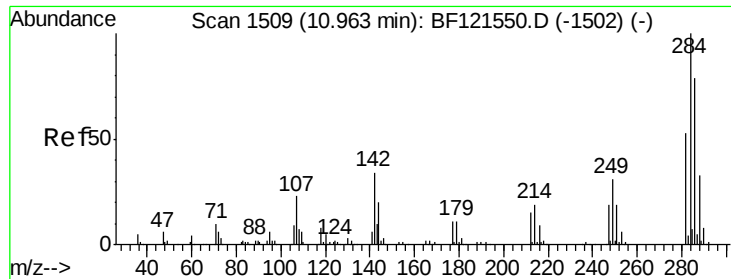
Tot Ion:169 Resp: 180169
 Ion Ratio Lower Upper
 169 100
 168 63.0 50.0 75.0
 167 33.9 27.8 41.6



#67
 4-Bromophenyl-phenylether
 Concen: 14.197 ng
 RT: 10.84 min Scan# 1488
 Delta R.T. 0.00 min
 Lab File: BF121782.D
 Acq: 1 Oct 2020 22:51

Tgt Ion:248 Resp: 56809
 Ion Ratio Lower Upper
 248 100
 250 97.4 77.0 115.6
 141 71.0 53.7 80.5

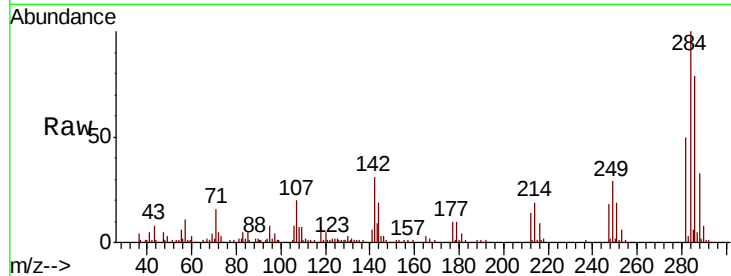




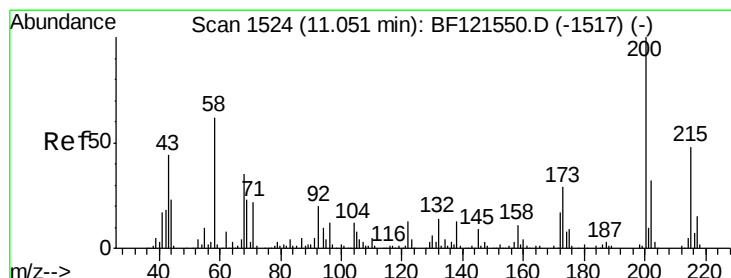
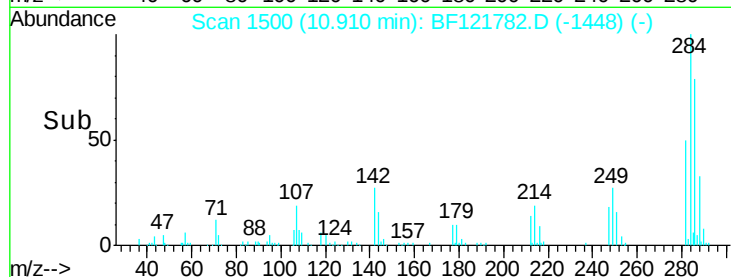
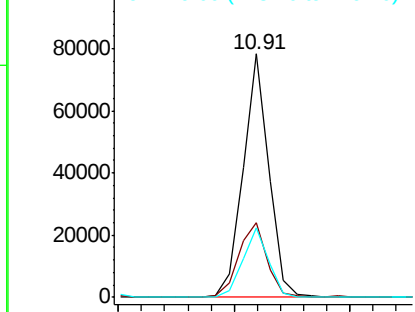
#68
Hexachlorobenzene
Concen: 13.465 ng
RT: 10.91 min Scan# 1500
Delta R.T. 0.01 min
Lab File: BF121782.D
Acq: 1 Oct 2020 22:51

Instrument :
BNA_F
ClientSampleId :
B-11(1-2)MSD

Tot Ion:284 Resp: 60806
Ion Ratio Lower Upper
284 100
142 30.8 27.4 41.2
249 28.7 24.2 36.4

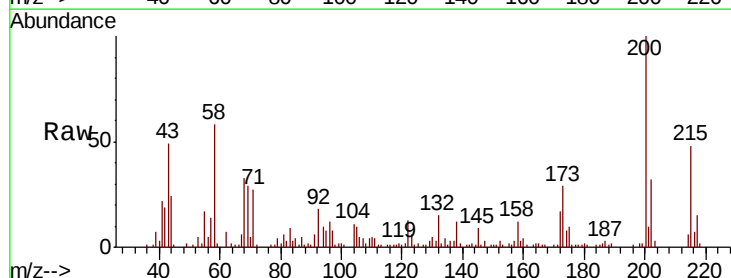


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

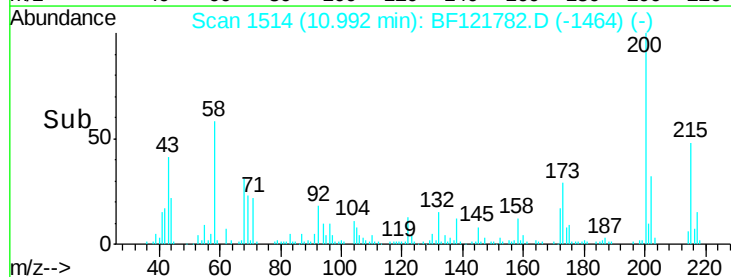
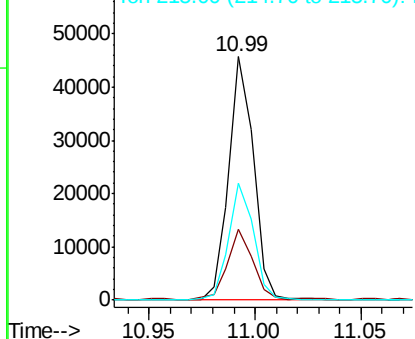


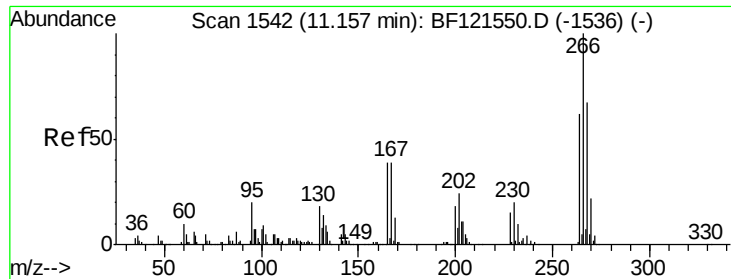
#69
Atrazine
Concen: 12.415 ng
RT: 10.99 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BF121782.D
Acq: 1 Oct 2020 22:51

Tgt Ion:200 Resp: 37191
Ion Ratio Lower Upper
200 100
173 29.0 7.5 47.5
215 48.3 27.1 67.1



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

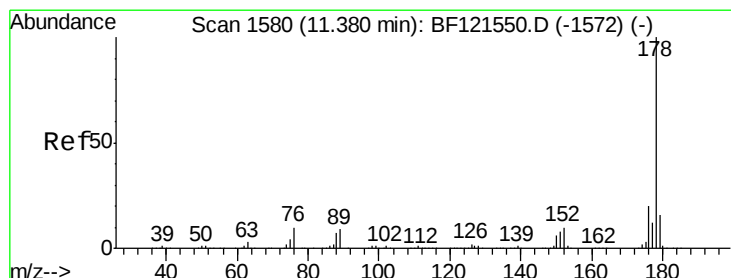
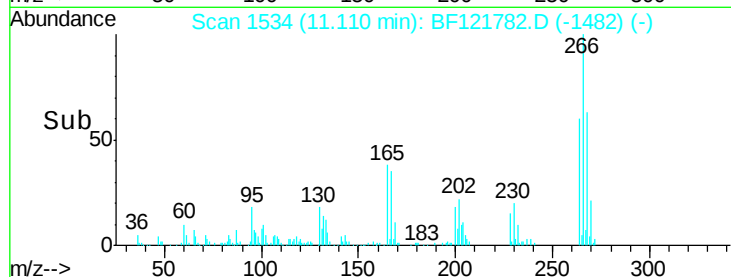
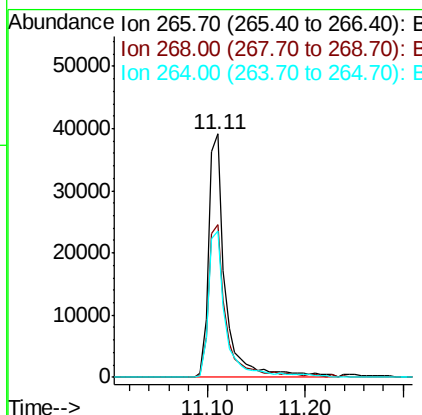
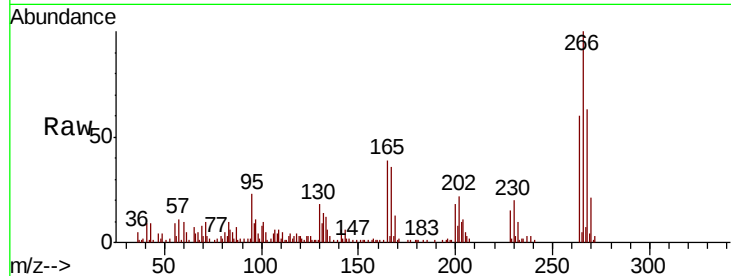




#70
 Pentachlorophenol
 Concen: 18.759 ng
 RT: 11.11 min Scan# 1534
 Delta R.T. 0.01 min
 Lab File: BF121782.D
 Acq: 1 Oct 2020 22:51

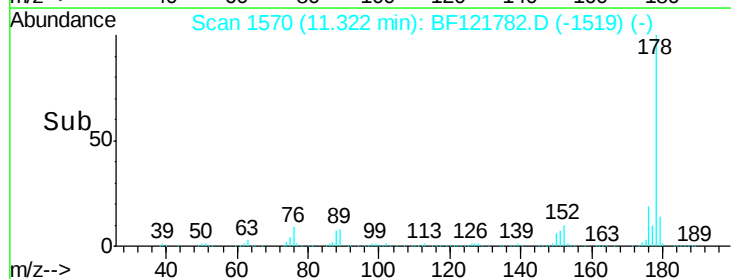
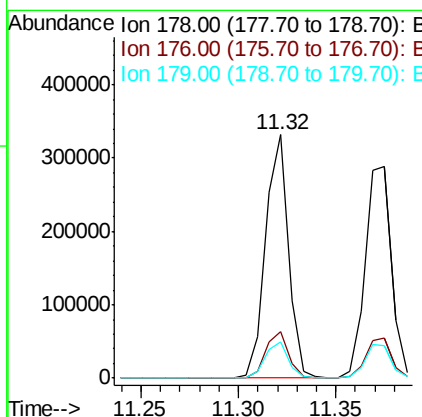
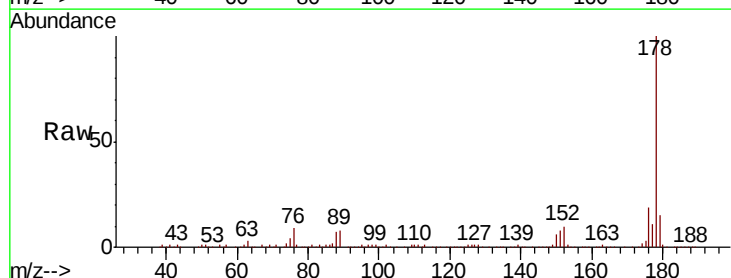
Instrument :
 BNA_F
 ClientSampleId :
 B-11(1-2)MSD

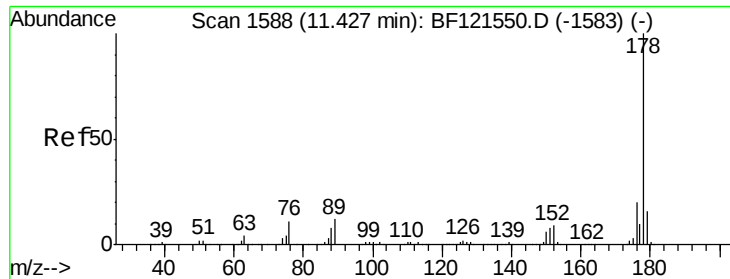
Tot Ion:266 Resp: 46524
 Ion Ratio Lower Upper
 266 100
 268 62.6 52.4 78.6
 264 59.9 49.9 74.9



#71
 Phenanthrene
 Concen: 14.088 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. 0.00 min
 Lab File: BF121782.D
 Acq: 1 Oct 2020 22:51

Tgt Ion:178 Resp: 269774
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.9 23.9
 179 14.7 12.2 18.4





#72

Anthracene

Concen: 13.637 ng

RT: 11.37 min Scan# 1579

Delta R.T. 0.01 min

Lab File: BF121782.D

Acq: 1 Oct 2020 22:51

Instrument :

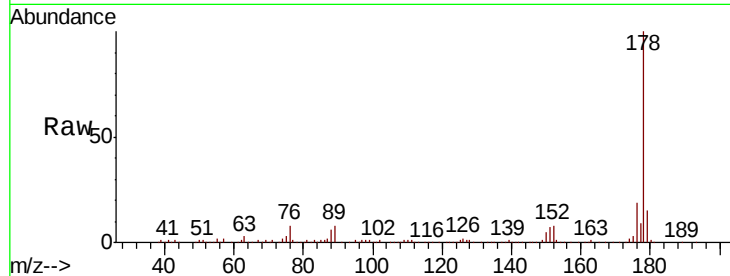
BNA_F

ClientSampleId :

B-11(1-2)MSD

Tot Ion:178 Resp: 269484

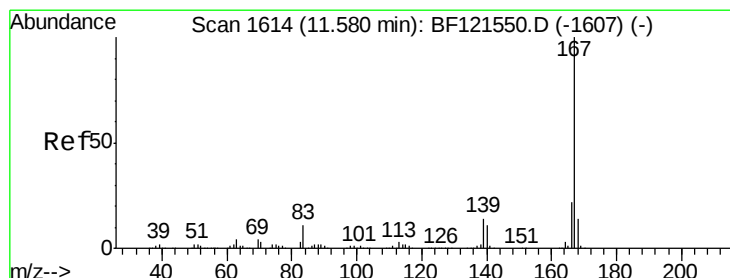
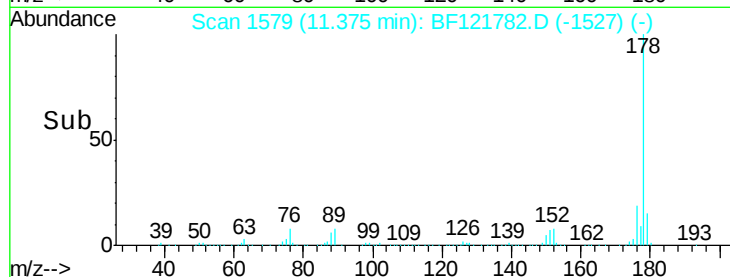
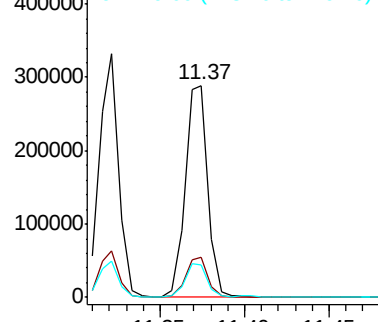
Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.7	23.5
179	15.1	12.7	19.1



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: 13.369 ng

RT: 11.53 min Scan# 1605

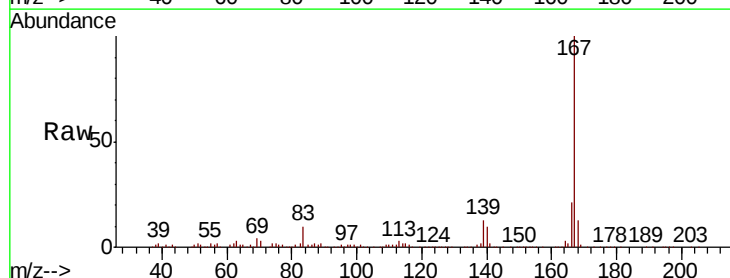
Delta R.T. 0.00 min

Lab File: BF121782.D

Acq: 1 Oct 2020 22:51

Tgt Ion:167 Resp: 238401

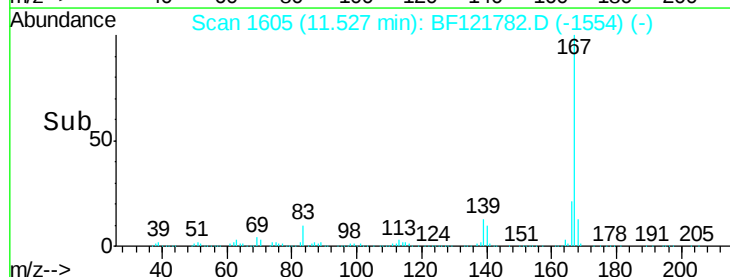
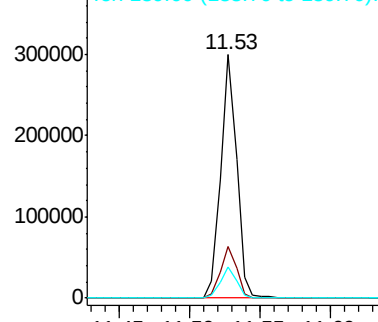
Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.8	26.6
139	12.7	10.8	16.2

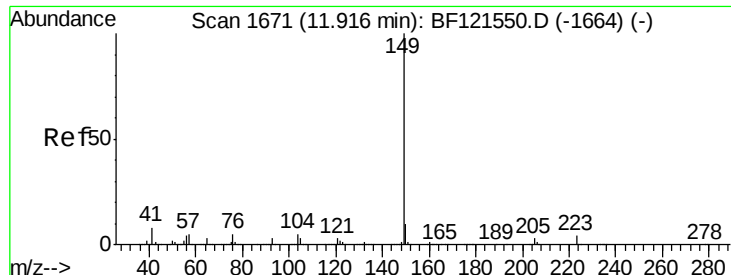


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 15.568 ng

RT: 11.86 min Scan# 1661

Delta R.T. 0.00 min

Lab File: BF121782.D

Acq: 1 Oct 2020 22:51

Instrument :

BNA_F

ClientSampleId :

B-11(1-2)MSD

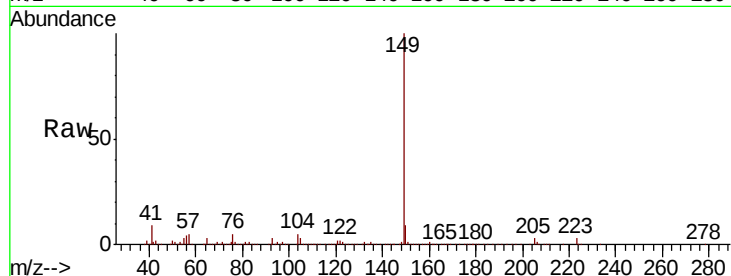
Tot Ion:149 Resp: 320409

Ion Ratio Lower Upper

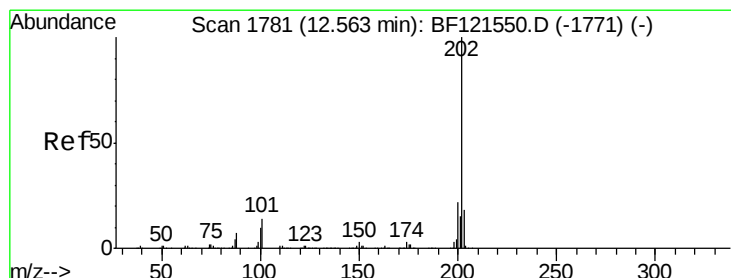
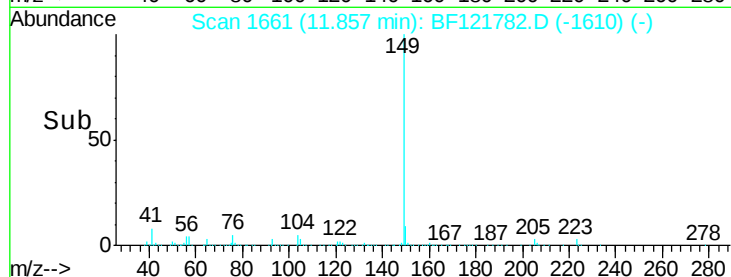
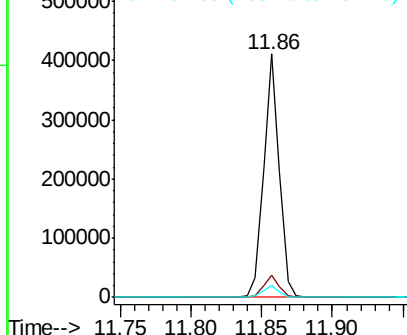
149 100

150 9.2 7.7 11.5

104 4.8 4.2 6.2



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: 14.242 ng

RT: 12.51 min Scan# 1772

Delta R.T. 0.01 min

Lab File: BF121782.D

Acq: 1 Oct 2020 22:51

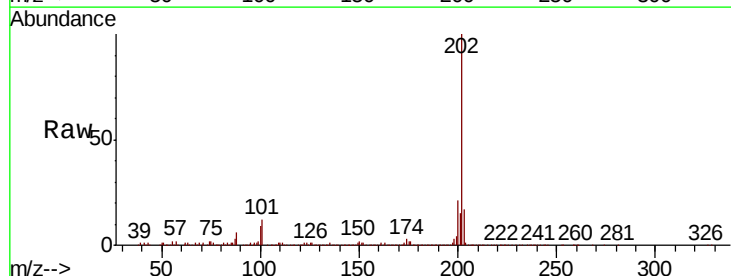
Tgt Ion:202 Resp: 291133

Ion Ratio Lower Upper

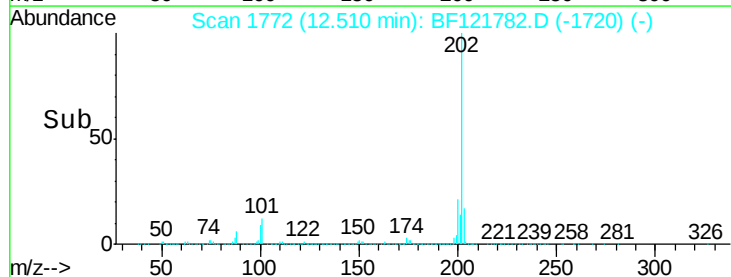
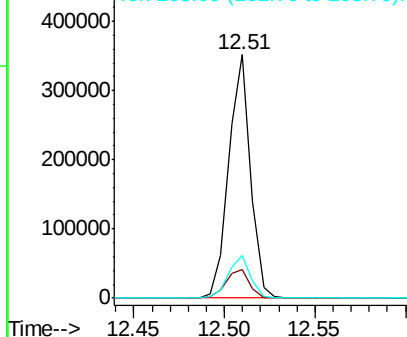
202 100

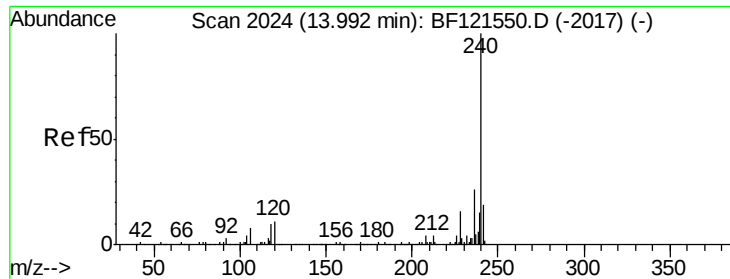
101 12.0 0.0 33.4

203 17.3 0.0 37.9



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

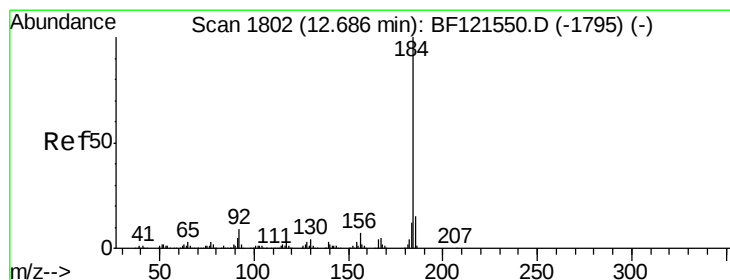
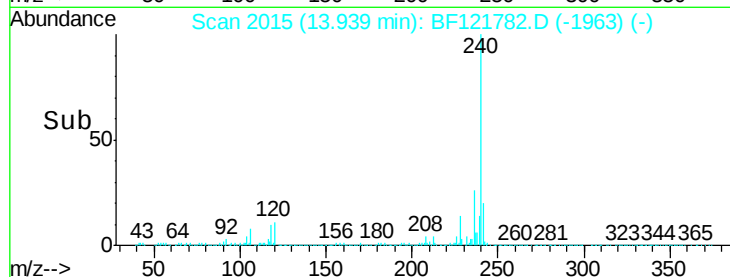
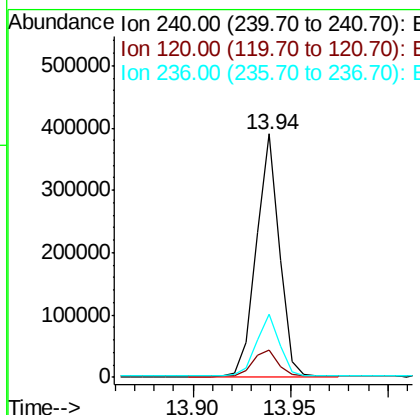
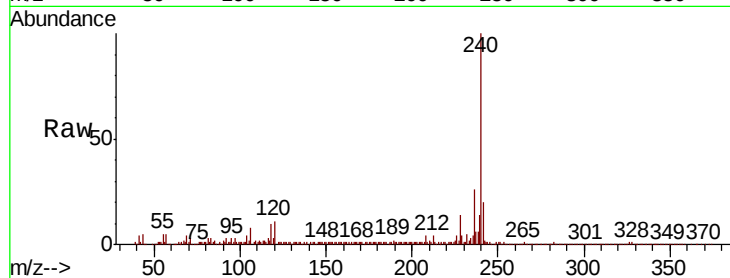




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2015
Delta R.T. 0.01 min
Lab File: BF121782.D
Acq: 1 Oct 2020 22:51

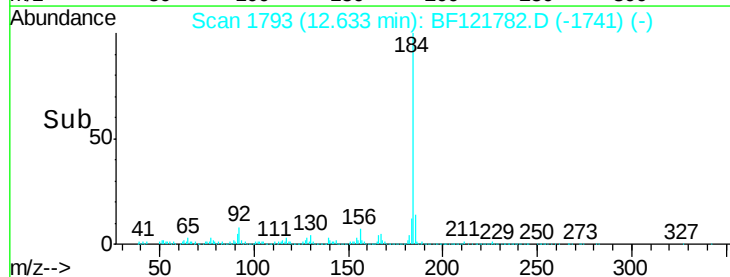
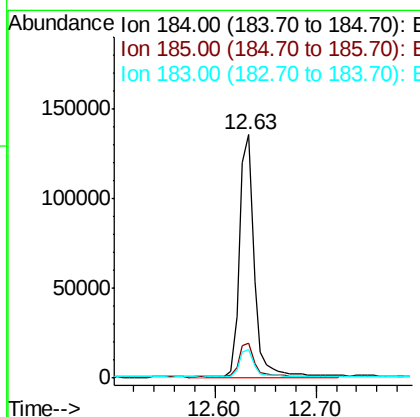
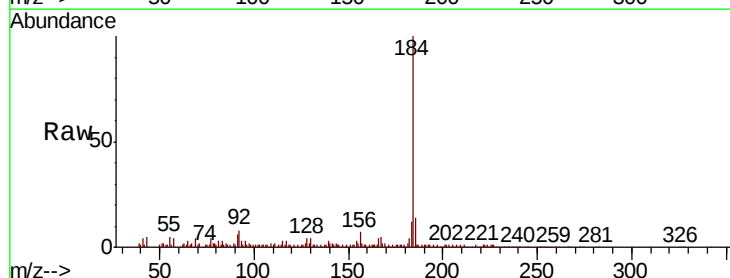
Instrument :
BNA_F
ClientSampleId :
B-11(1-2)MSD

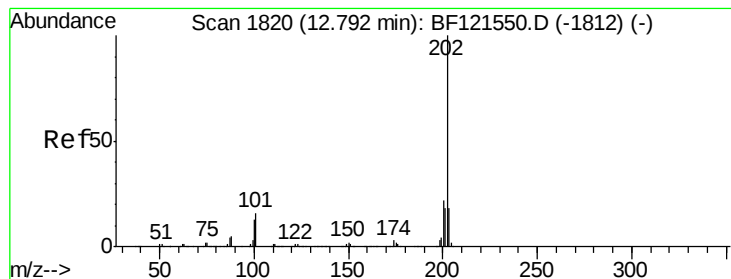
Tot Ion:240 Resp: 317141
Ion Ratio Lower Upper
240 100
120 11.4 9.2 13.8
236 26.0 20.9 31.3



#77
Benzidine
Concen: 13.097 ng
RT: 12.63 min Scan# 1793
Delta R.T. 0.01 min
Lab File: BF121782.D
Acq: 1 Oct 2020 22:51

Tgt Ion:184 Resp: 137696
Ion Ratio Lower Upper
184 100
185 14.4 11.6 17.4
183 11.9 9.4 14.0





#78

Pvrene

Concen: 12.965 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.01 min

Lab File: BF121782.D

Acq: 1 Oct 2020 22:51

Instrument :

BNA_F

ClientSampleId :

B-11(1-2)MSD

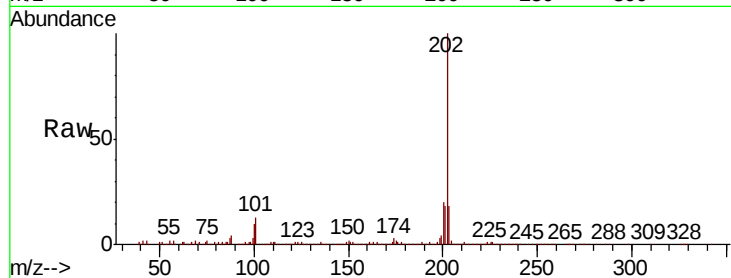
Tot Ion:202 Resp: 300420

Ion Ratio Lower Upper

202 100

200 20.4 17.4 26.2

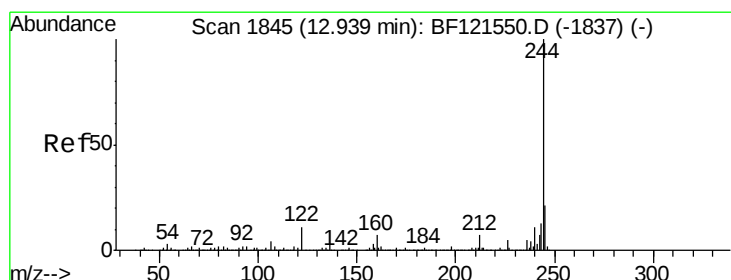
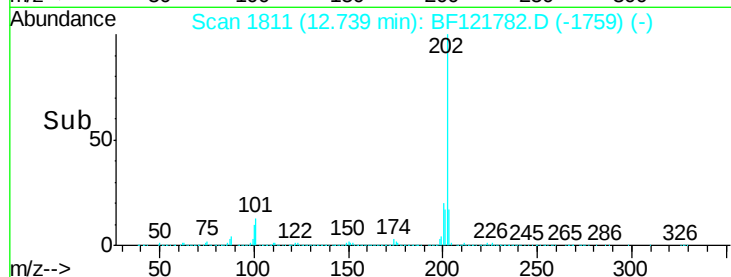
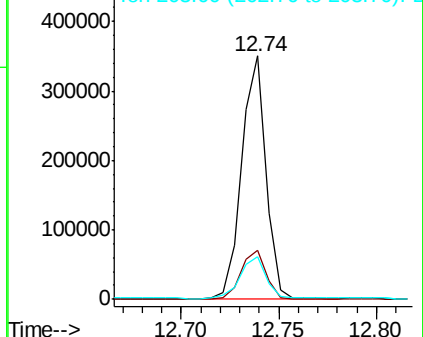
203 17.7 14.6 21.8



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: 25.190 ng

RT: 12.88 min Scan# 1835

Delta R.T. 0.00 min

Lab File: BF121782.D

Acq: 1 Oct 2020 22:51

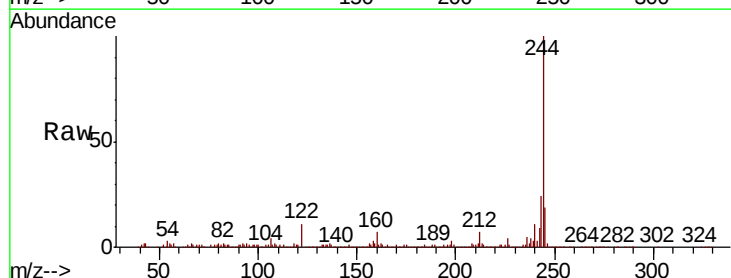
Tgt Ion:244 Resp: 394325

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

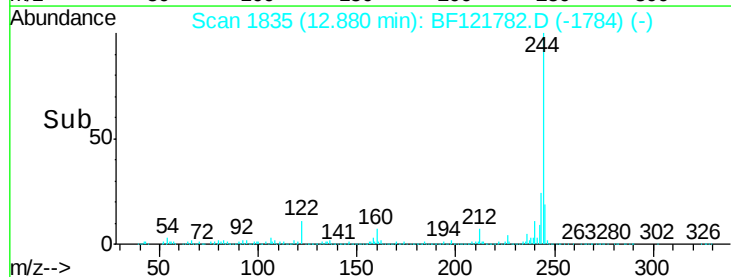
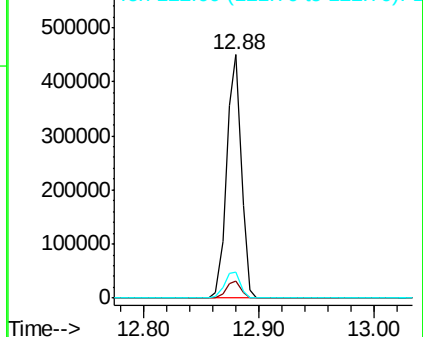
122 10.7 8.1 12.1

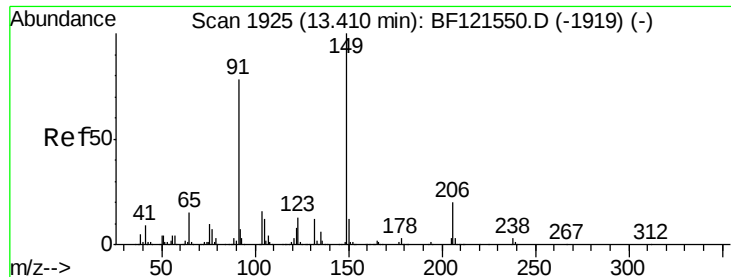


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

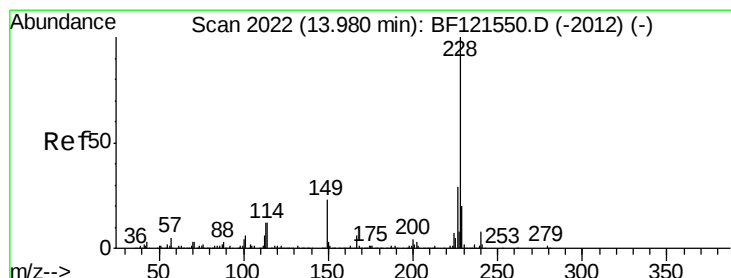
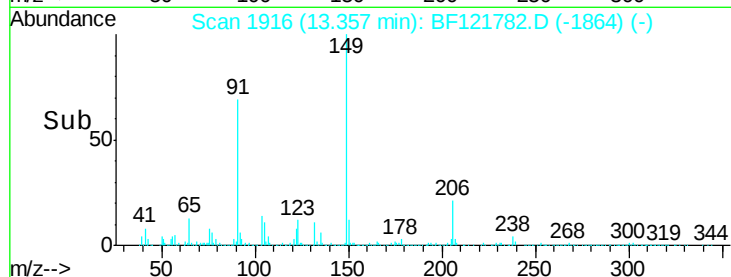
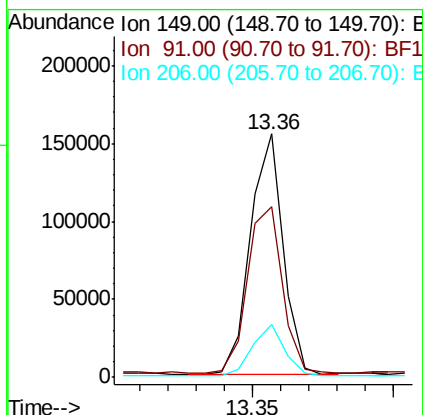
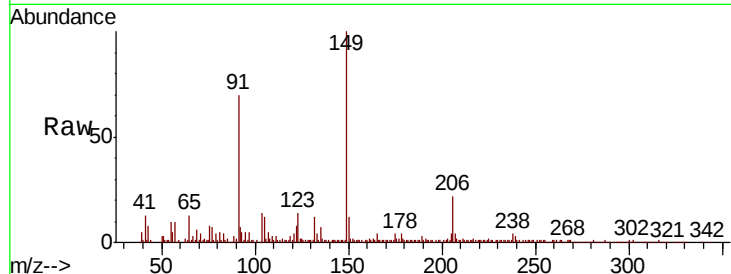




#80
Butylbenzylphthalate
Concen: 13.185 ng
RT: 13.36 min Scan# 1916
Delta R.T. 0.01 min
Lab File: BF121782.D
Acq: 1 Oct 2020 22:51

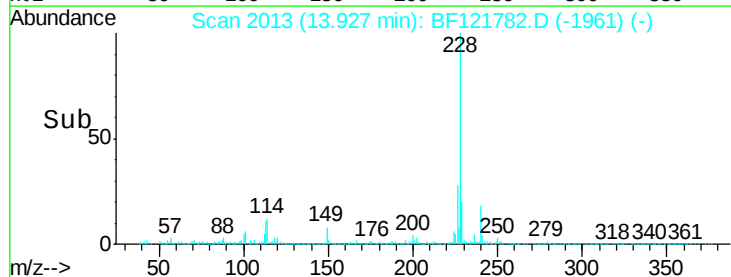
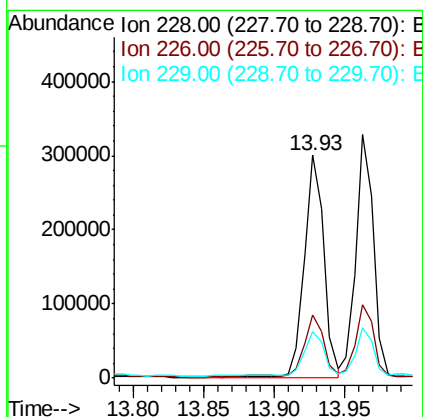
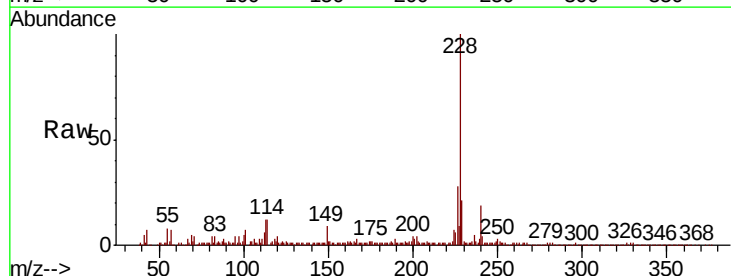
Instrument :
BNA_F
ClientSampleId :
B-11(1-2)MSD

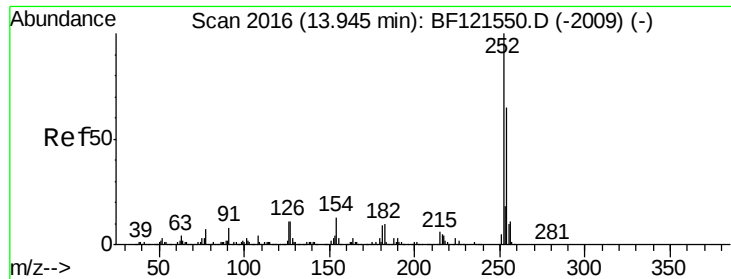
Tot Ion	Ratio	Lower	Upper
149	100		
91	70.1	61.0	91.4
206	21.5	16.7	25.1



#81
Benzo(a)anthracene
Concen: 14.188 ng
RT: 13.93 min Scan# 2013
Delta R.T. 0.01 min
Lab File: BF121782.D
Acq: 1 Oct 2020 22:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.3	33.5
229	21.0	16.2	24.4

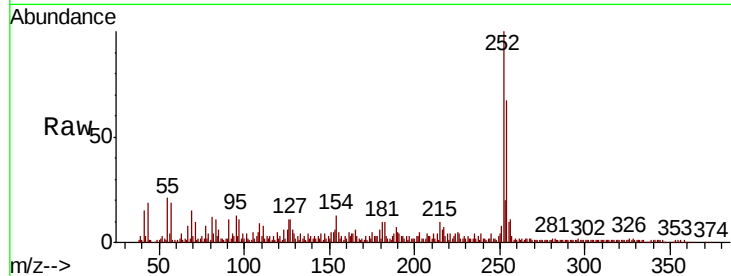




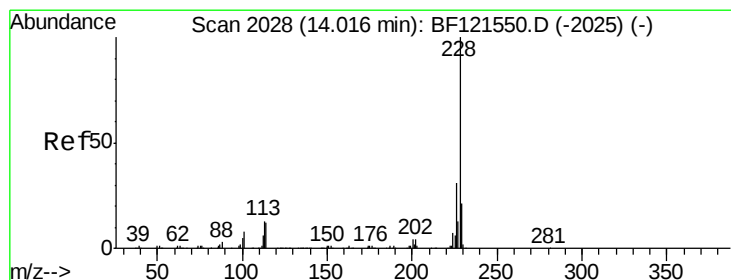
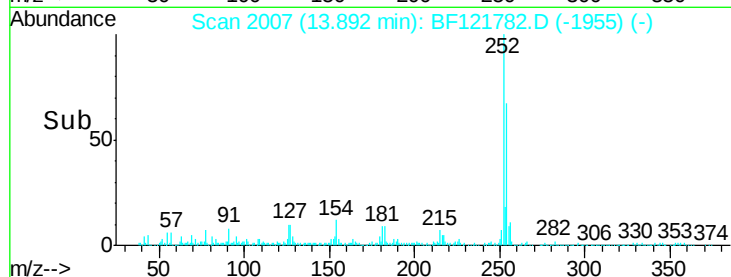
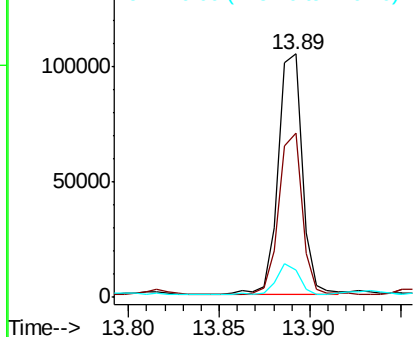
#82
 3,3'-Dichlorobenzidine
 Concen: 12.489 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. 0.01 min
 Lab File: BF121782.D
 Acq: 1 Oct 2020 22:51

Instrument :
 BNA_F
 ClientSampleId :
 B-11(1-2)MSD

Tot Ion:252 Resp: 97823
 Ion Ratio Lower Upper
 252 100
 254 67.3 51.8 77.6
 126 11.2 8.8 13.2

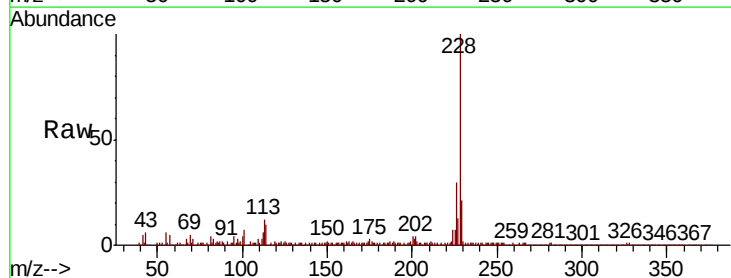


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

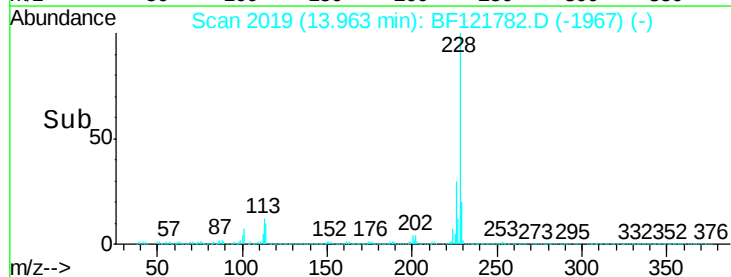
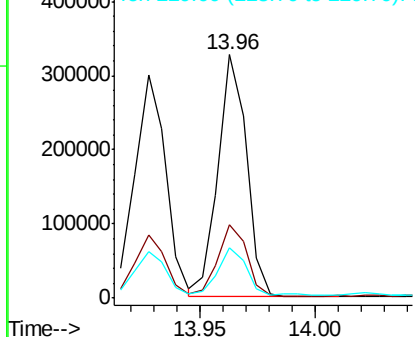


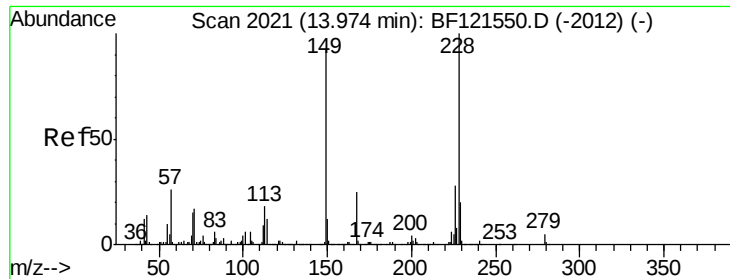
#83
 Chrysene
 Concen: 13.778 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.01 min
 Lab File: BF121782.D
 Acq: 1 Oct 2020 22:51

Tgt Ion:228 Resp: 279932
 Ion Ratio Lower Upper
 228 100
 226 30.2 24.6 37.0
 229 20.8 15.9 23.9



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

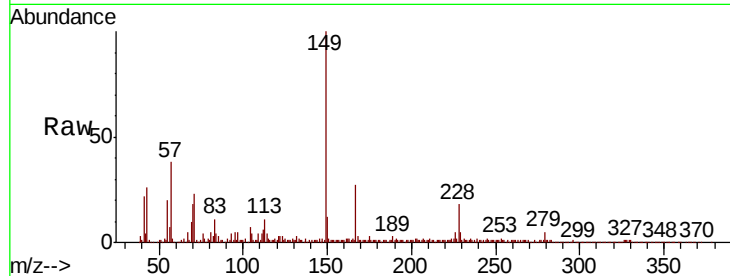




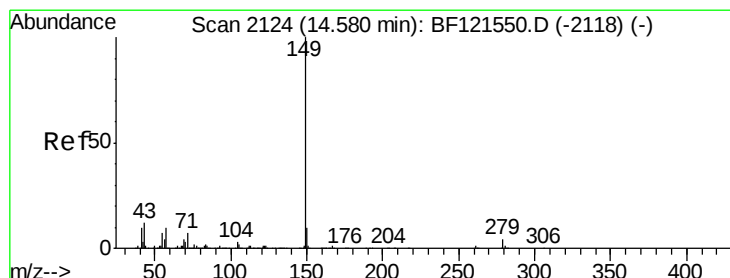
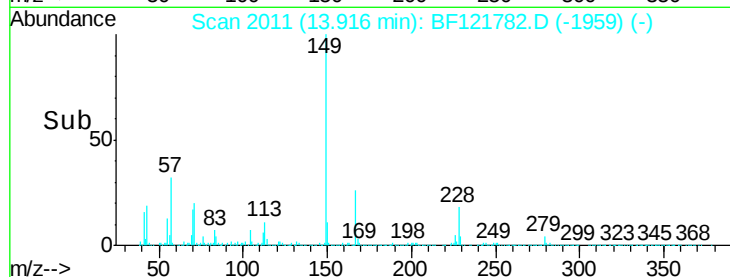
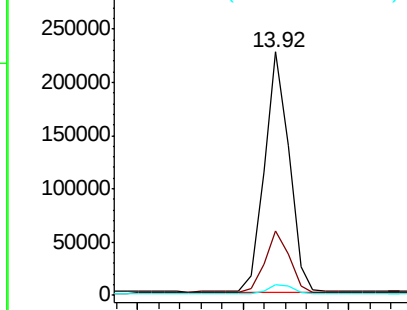
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 14.644 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. 0.01 min
 Lab File: BF121782.D
 Acq: 1 Oct 2020 22:51

Instrument :
 BNA_F
 ClientSampleId :
 B-11(1-2)MSD

Tot Ion:149 Resp: 183333
 Ion Ratio Lower Upper
 149 100
 167 26.6 20.9 31.3
 279 4.5 3.2 4.8

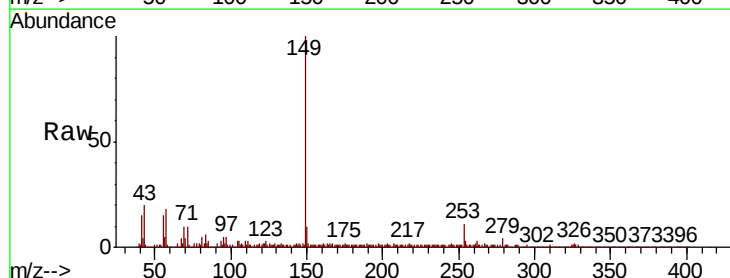


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

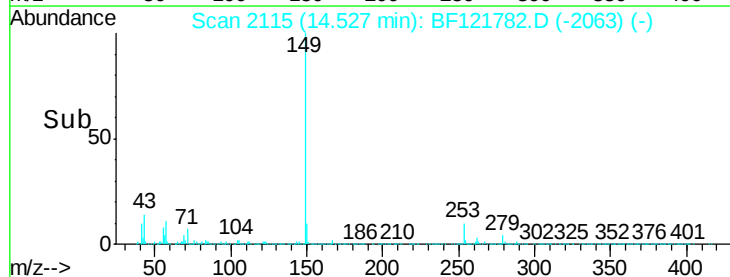
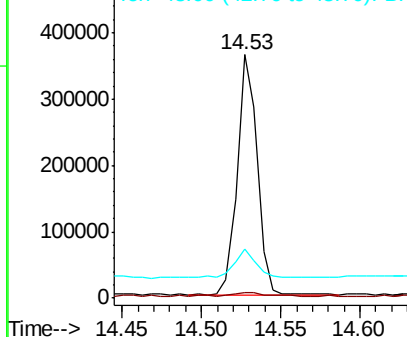


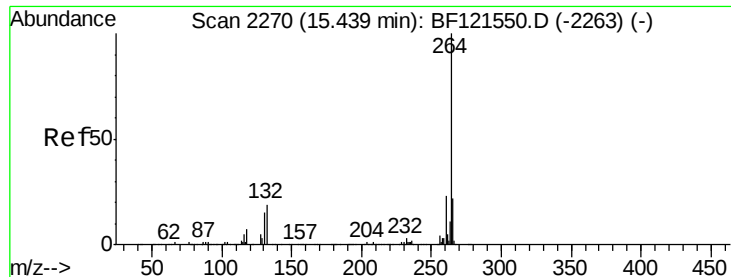
#85
 Di-n-octyl phthalate
 Concen: 14.215 ng
 RT: 14.53 min Scan# 2115
 Delta R.T. 0.01 min
 Lab File: BF121782.D
 Acq: 1 Oct 2020 22:51

Tgt Ion:149 Resp: 314066
 Ion Ratio Lower Upper
 149 100
 167 2.0 1.2 1.8#
 43 16.5 9.0 13.6#



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

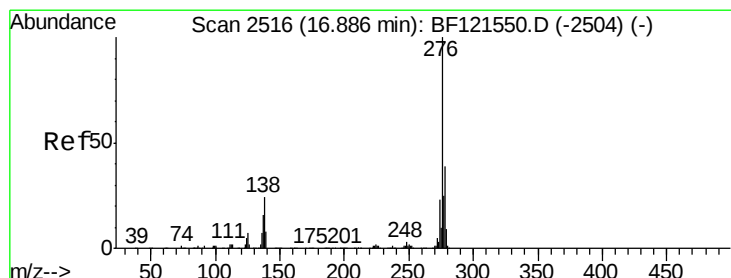
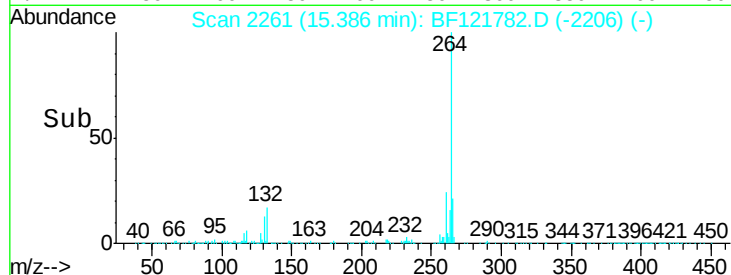
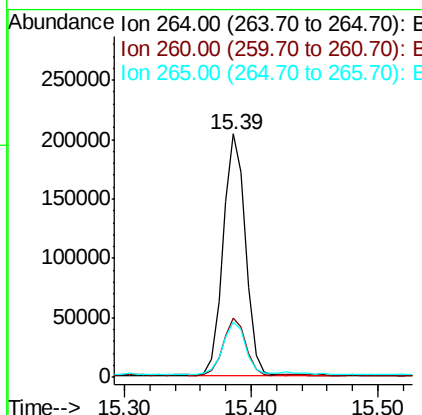
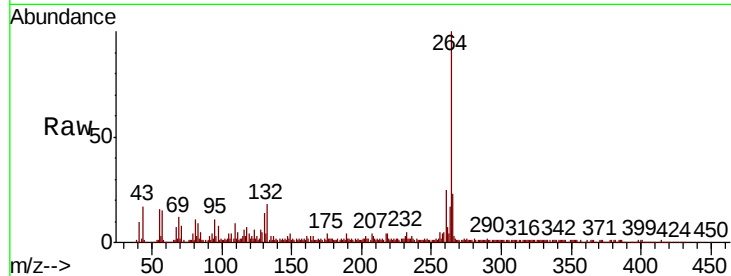




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2261
Delta R.T. 0.02 min
Lab File: BF121782.D
Acq: 1 Oct 2020 22:51

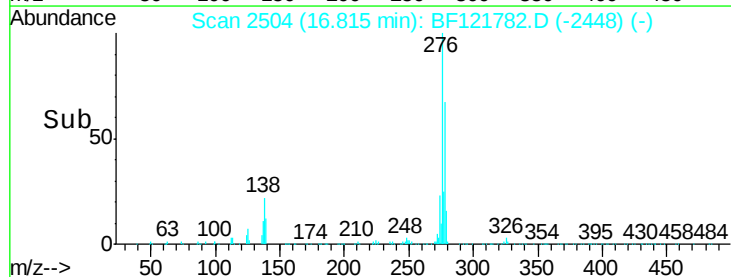
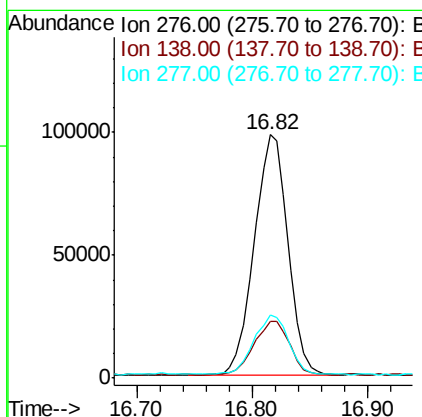
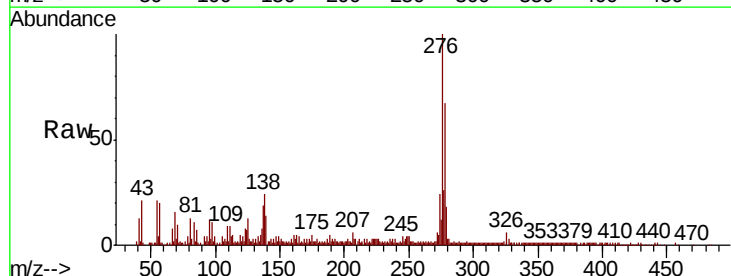
Instrument :
BNA_F
ClientSampleId :
B-11(1-2)MSD

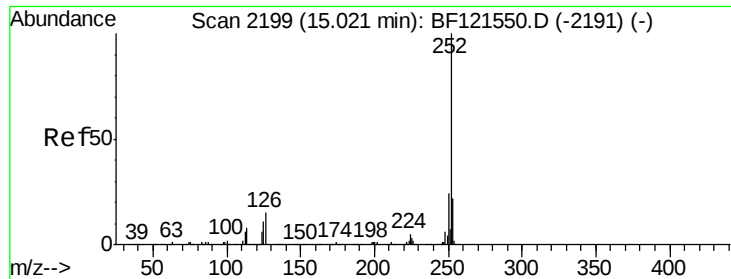
Tot Ion:264 Resp: 246199
Ion Ratio Lower Upper
264 100
260 24.5 18.7 28.1
265 22.7 17.3 25.9



#87
Indeno(1,2,3-cd)pyrene
Concen: 12.446 ng
RT: 16.82 min Scan# 2504
Delta R.T. 0.03 min
Lab File: BF121782.D
Acq: 1 Oct 2020 22:51

Tgt Ion:276 Resp: 199552
Ion Ratio Lower Upper
276 100
138 23.3 19.9 29.9
277 25.7 20.4 30.6

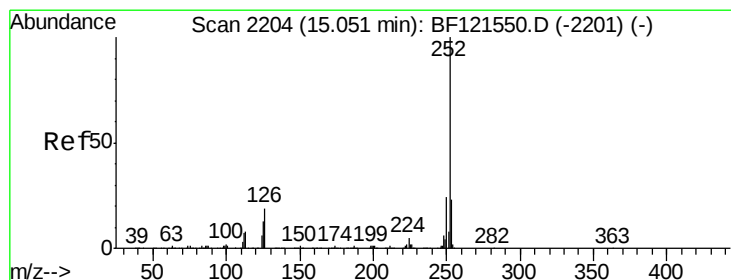
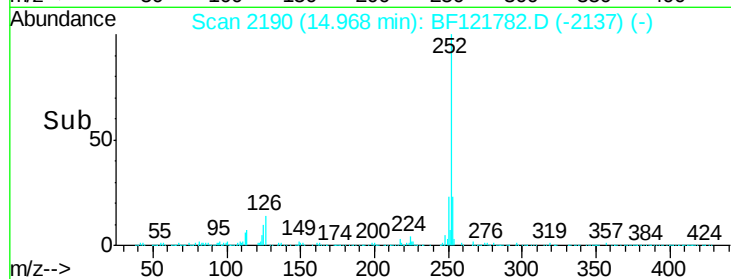
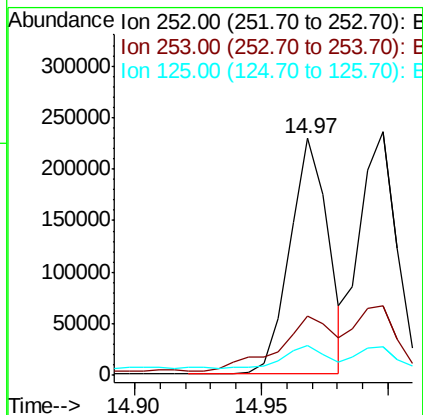
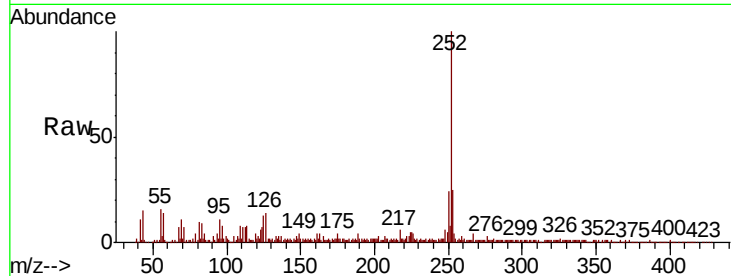




#88
Benzo(b)fluoranthene
Concen: 14.566 ng
RT: 14.97 min Scan# 2190
Delta R.T. 0.01 min
Lab File: BF121782.D
Acq: 1 Oct 2020 22:51

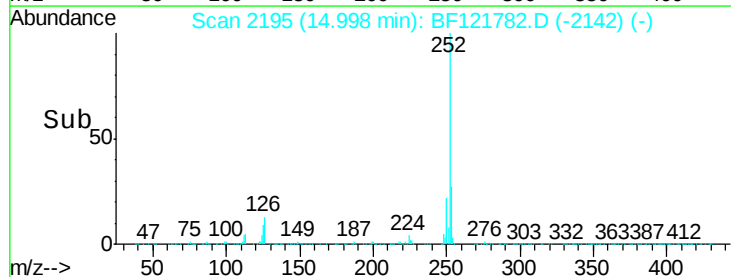
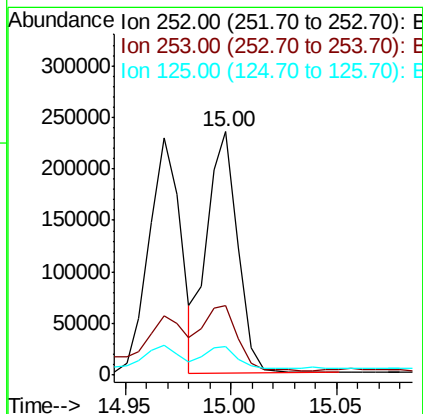
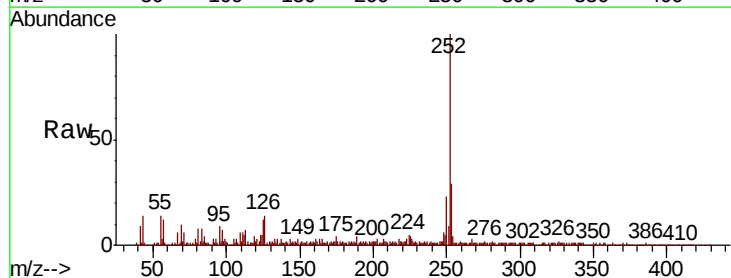
Instrument :
BNA_F
ClientSampleId :
B-11(1-2)MSD

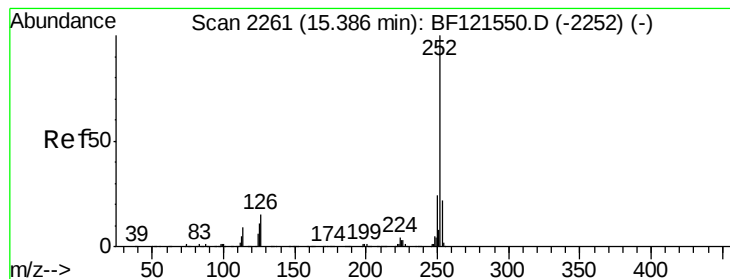
Tot Ion:252 Resp: 239743
Ion Ratio Lower Upper
252 100
253 24.9 18.2 27.2
125 12.8 8.0 12.0#



#89
Benzo(k)fluoranthene
Concen: 15.630 ng
RT: 15.00 min Scan# 2195
Delta R.T. 0.01 min
Lab File: BF121782.D
Acq: 1 Oct 2020 22:51

Tgt Ion:252 Resp: 235573
Ion Ratio Lower Upper
252 100
253 28.7 17.8 26.6#
125 11.7 7.7 11.5#





#90

Benzo(a)pyrene

Concen: 14.130 ng

RT: 15.33 min Scan# 2251

Delta R.T. 0.02 min

Lab File: BF121782.D

Acq: 1 Oct 2020 22:51

Instrument :

BNA_F

ClientSampleId :

B-11(1-2)MSD

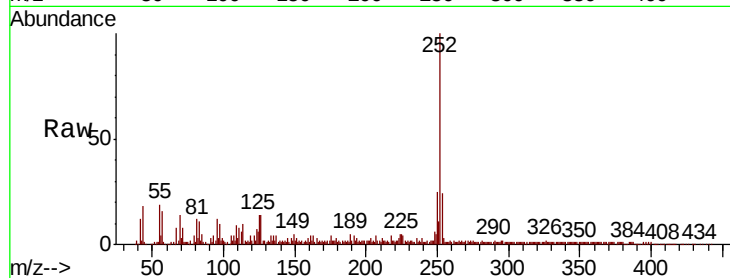
Tot Ion:252 Resp: 197686

Ion Ratio Lower Upper

252 100

253 23.6 17.3 25.9

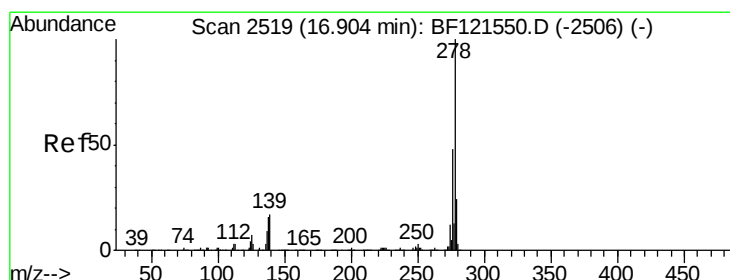
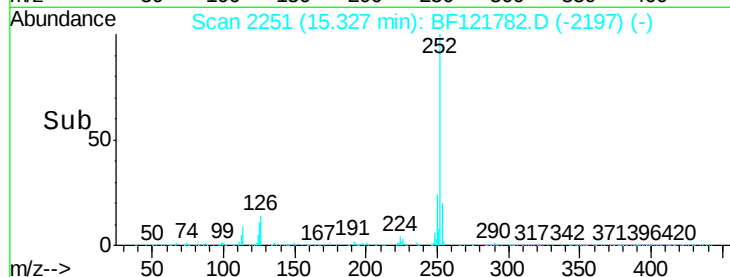
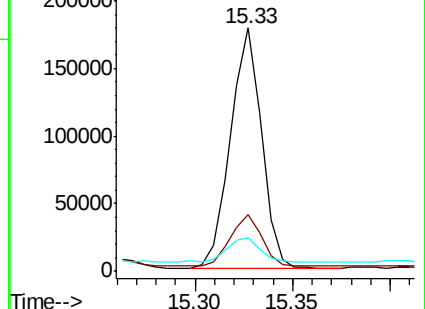
125 14.0 8.6 13.0#



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: 12.771 ng

RT: 16.83 min Scan# 2506

Delta R.T. 0.03 min

Lab File: BF121782.D

Acq: 1 Oct 2020 22:51

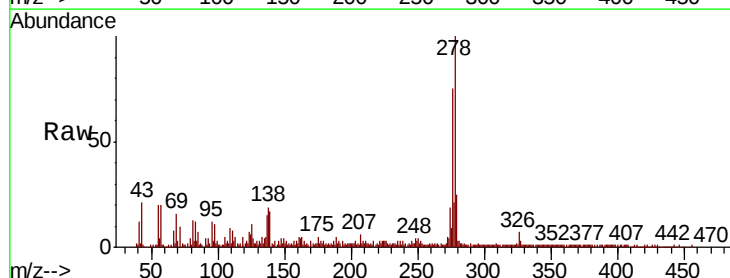
Tgt Ion:278 Resp: 170446

Ion Ratio Lower Upper

278 100

139 17.2 13.0 19.4

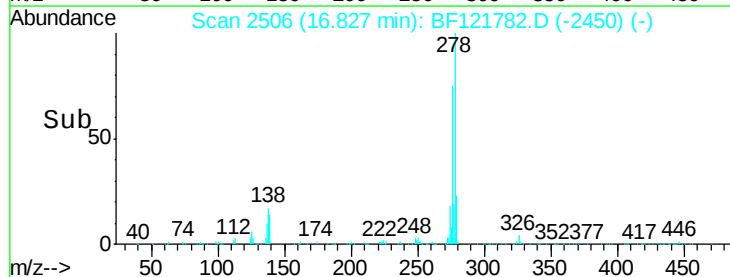
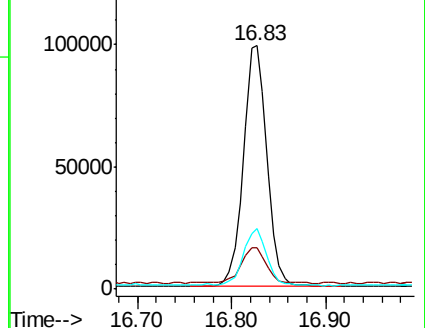
279 24.9 19.0 28.4

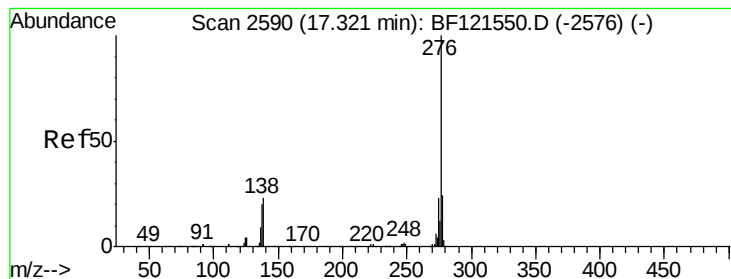


Abundance Ion 278.00 (277.70 to 278.70): E

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: 12.350 ng

RT: 17.24 min Scan# 2577

Delta R.T. 0.04 min

Lab File: BF121782.D

Acq: 1 Oct 2020 22:51

Instrument :

BNA_F

ClientSampleId :

B-11(1-2)MSD

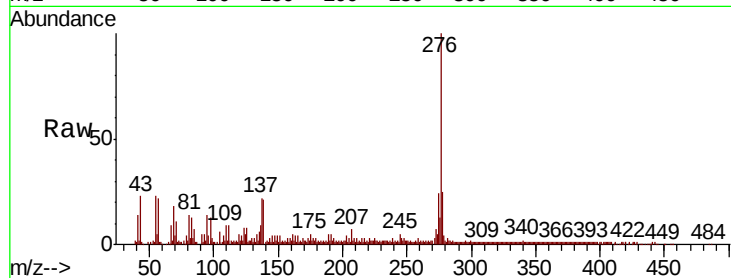
Tot Ion:276 Resp: 162022

Ion Ratio Lower Upper

276 100

277 24.7 19.4 29.2

138 21.4 17.8 26.6



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

