

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091317\
 Data File : BF098483.D
 Acq On : 13 Sep 2017 12:06
 Operator : SJ/JU
 Sample : PB102212BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 13 13:33:44 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:14:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	164782	20.00	ng	-0.02
21) Naphthalene-d8	7.94	136	692879	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	320606	20.00	ng	-0.02
63) Phenanthrene-d10	11.17	188	620283	20.00	ng	-0.02
75) Chrysene-d12	13.80	240	494289	20.00	ng	-0.01
86) Perylene-d12	15.20	264	409245	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	1466062	131.54	ng	0.00
7) Phenol-d6	6.31	99	1782766	125.99	ng	-0.01
23) Nitrobenzene-d5	7.23	82	1113157	89.57	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	364043	170.13	ng	-0.01
44) 2-Fluorobiphenyl	9.02	172	1887909	99.81	ng	-0.02
78) Terphenyl-d14	12.76	244	1826030	79.74	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.36	88	216996	37.723	ng	90
3) Pyridine	3.04	79	618402	40.481	ng	# 85
4) n-Nitrosodimethylamine	3.00	42	293357	39.170	ng	97
6) Aniline	6.32	93	619428	34.893	ng	# 1
8) 2-Chlorophenol	6.45	128	535972	43.734	ng	98
9) Benzaldehyde	6.20	77	301399	32.583	ng	94
10) Phenol	6.32	94	675583	41.104	ng	# 73
11) bis(2-Chloroethyl)ether	6.40	93	512113	41.326	ng	93
12) 1,3-Dichlorobenzene	6.59	146	544456	44.138	ng	97
13) 1,4-Dichlorobenzene	6.67	146	545034	43.137	ng	94
14) 1,2-Dichlorobenzene	6.82	146	505046	43.874	ng	99
15) Benzyl Alcohol	6.81	79	432877	45.965	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.94	45	823108	40.369	ng	89
17) 2-Methylphenol	6.93	107	445276	44.557	ng	91
18) Hexachloroethane	7.16	117	204455	42.253	ng	88
19) n-Nitroso-di-n-propylamine	7.07	70	370635	41.640	ng	99
20) 3+4-Methylphenols	7.08	107	567677	45.014	ng	# 76
22) Acetophenone	7.07	105	733513	40.960	ng	# 91
24) Nitrobenzene	7.25	77	578892	40.892	ng	96
25) Isophorone	7.49	82	1032246	41.050	ng	98
26) 2-Nitrophenol	7.56	139	286356	50.098	ng	# 91
27) 2,4-Dimethylphenol	7.60	122	482623	44.293	ng	95
28) bis(2-Chloroethoxy)methane	7.70	93	659629	42.990	ng	99
29) 2,4-Dichlorophenol	7.80	162	434030	47.894	ng	94
30) 1,2,4-Trichlorobenzene	7.88	180	453408	45.994	ng	99
31) Naphthalene	7.96	128	1517829	44.313	ng	99
32) Benzoic acid	7.75	122	147187	24.763	ng	98
33) 4-Chloroaniline	8.02	127	562633	40.417	ng	99
34) Hexachlorobutadiene	8.07	225	229755	45.400	ng	99
35) Caprolactam	8.40	113	77415	24.773	ng	# 84
36) 4-Chloro-3-methylphenol	8.51	107	502961	44.753	ng	# 83
37) 2-Methylnaphthalene	8.65	142	998527	48.126	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	414715	41.526	ng	99
40) Hexachlorocyclopentadiene	8.80	237	284003	95.007	ng	97

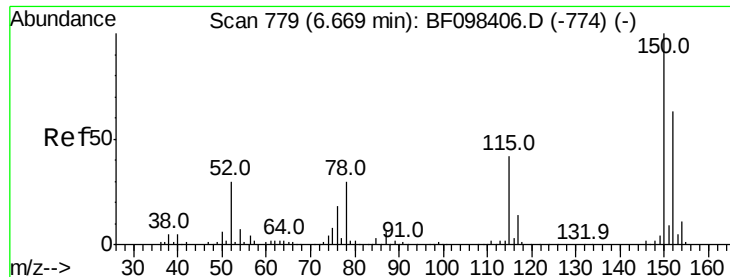
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091317\
 Data File : BF098483.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.94	196	279059	47.573	ng	90
43) 2,4,5-Trichlorophenol	8.98	196	298183	48.633	ng	96
45) 1,1'-Biphenyl	9.12	154	1202670	41.911	ng	98
46) 2-Chloronaphthalene	9.14	162	908346	44.322	ng	93
47) 2-Nitroaniline	9.25	65	357340	45.429	ng	99
48) Acenaphthylene	9.55	152	1371581	45.012	ng	99
49) Dimethylphthalate	9.42	163	1101210	44.372	ng	100
50) 2,6-Dinitrotoluene	9.49	165	249530	48.949	ng	# 74
51) Acenaphthene	9.72	154	868481	44.837	ng	98
52) 3-Nitroaniline	9.66	138	244838	39.787	ng	97
53) 2,4-Dinitrophenol	9.77	184	136100	58.986	ng	# 76
54) Dibenzofuran	9.90	168	1212882	47.531	ng	99
55) 4-Nitrophenol	9.84	139	350170	99.044	ng	# 48
56) 2,4-Dinitrotoluene	9.89	165	310437	50.090	ng	# 50
57) Fluorene	10.24	166	961104	45.505	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.02	232	231573	56.200	ng	95
59) Diethylphthalate	10.12	149	1062846	45.032	ng	98
60) 4-Chlorophenyl-phenylether	10.23	204	451602	46.292	ng	91
61) 4-Nitroaniline	10.27	138	302014	48.597	ng	88
62) Azobenzene	10.39	77	1117332	43.924	ng	97
64) 4,6-Dinitro-2-methylphenol	10.30	198	139113	37.748	ng	86
65) n-Nitrosodiphenylamine	10.35	169	901737	44.771	ng	99
66) 4-Bromophenyl-phenylether	10.72	248	277168	47.081	ng	99
67) Hexachlorobenzene	10.79	284	273233	45.757	ng	# 92
68) Atrazine	10.89	200	292990	47.252	ng	98
69) Pentachlorophenol	10.99	266	220700	83.190	ng	96
70) Phenanthrene	11.20	178	1548956	47.105	ng	98
71) Anthracene	11.25	178	1591048	47.127	ng	99
72) Carbazole	11.41	167	1453896	46.208	ng	99
73) Di-n-butylphthalate	11.74	149	1690345	44.838	ng	99
74) Fluoranthene	12.38	202	1642074	49.883	ng	99
76) Benzidine	12.51	184	1109341	50.711	ng	# 93
77) Pyrene	12.61	202	1684228	43.193	ng	100
79) Butylbenzylphthalate	13.23	149	770529	45.550	ng	# 76
80) Benzo(a)anthracene	13.80	228	1335087	46.070	ng	99
81) 3,3'-Dichlorobenzidine	13.76	252	392037	34.811	ng	# 96
82) Chrysene	13.83	228	1304630	44.537	ng	99
83) Bis(2-ethylhexyl)phthalate	13.79	149	929882	43.800	ng	# 99
84) Di-n-octyl phthalate	14.40	149	1660710	45.593	ng	99
85) Indeno(1,2,3-cd)pyrene	16.54	276	946873	46.073	ng	99
87) Benzo(b)fluoranthene	14.81	252	1183499	45.993	ng	98
88) Benzo(k)fluoranthene	14.81	252	1183499	49.266	ng	97
89) Benzo(a)pyrene	15.14	252	1080148	47.117	ng	99
90) Dibenzo(a,h)anthracene	16.55	278	774765	46.459	ng	99
91) Benzo(g,h,i)perylene	16.94	276	787853	46.971	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.02 min

Lab File: BF098483.D

Acq: 13 Sep 2017 12:06

Instrument :

BNA_F

ClientSampleId :

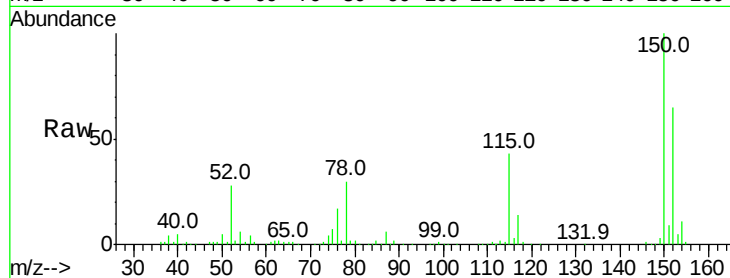
Tot Ion:152 Resp: 164782

Ion Ratio Lower Upper

152 100

150 154.2 126.2 189.2

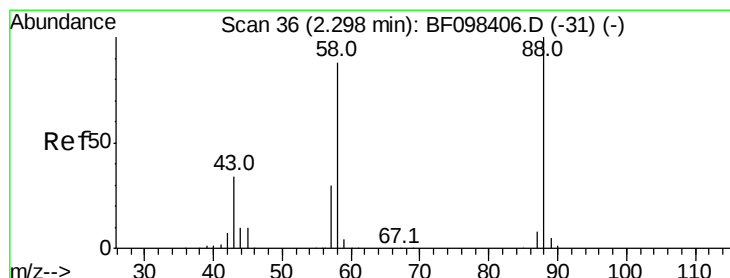
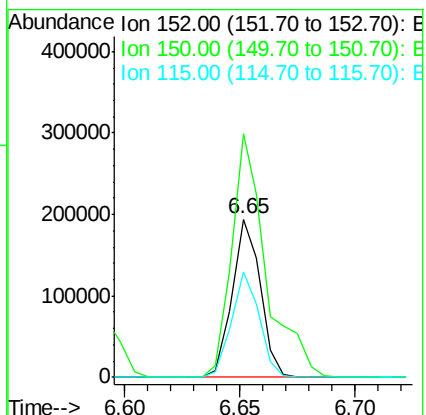
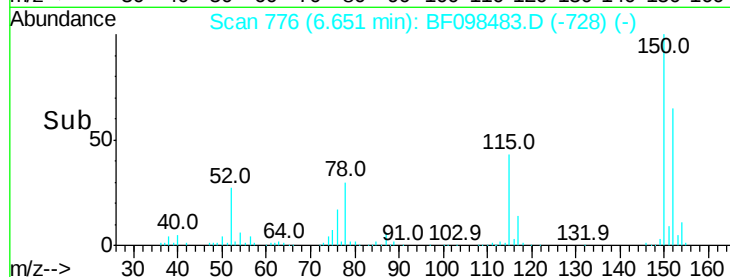
115 66.9 52.2 78.2



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: 37.723 ng

RT: 2.36 min Scan# 47

Delta R.T. 0.06 min

Lab File: BF098483.D

Acq: 13 Sep 2017 12:06

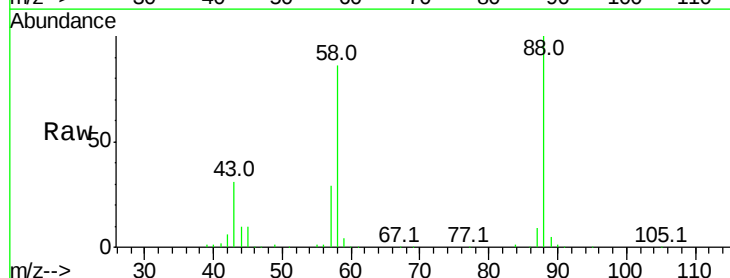
Tgt Ion: 88 Resp: 216996

Ion Ratio Lower Upper

88 100

58 87.5 61.4 92.0

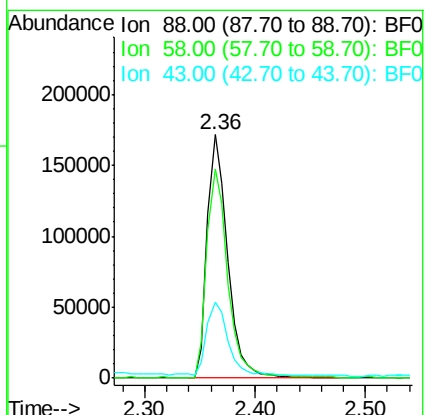
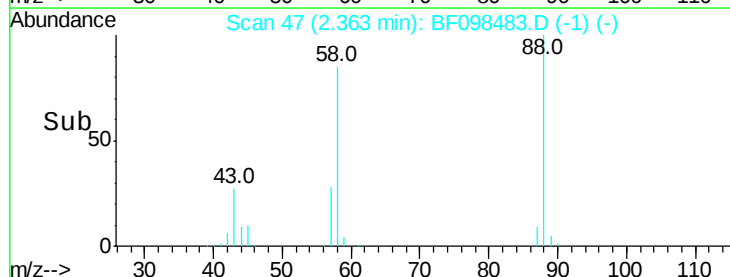
43 31.4 23.4 35.0

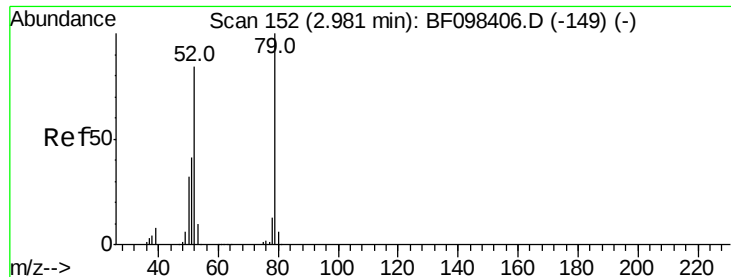


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 40.481 ng

RT: 3.04 min Scan# 162

Delta R.T. 0.06 min

Lab File: BF098483.D

Acq: 13 Sep 2017 12:06

Instrument :

BNA_F

ClientSampleId :

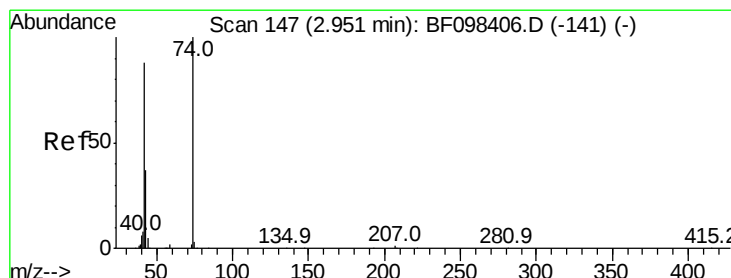
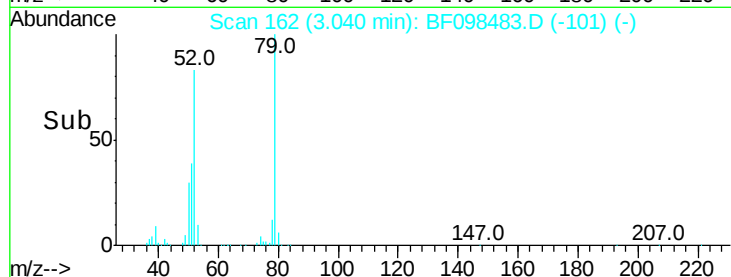
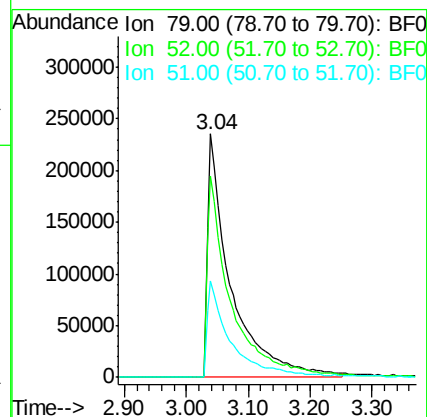
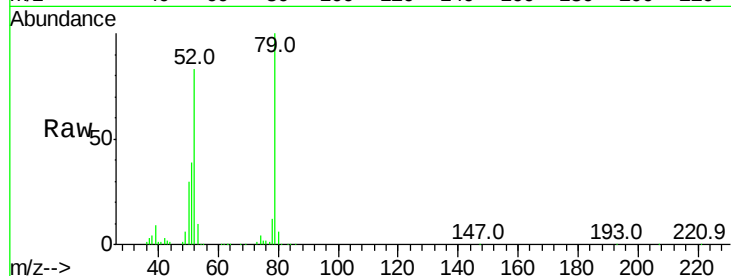
Tot Ion: 79 Resp: 618402

Ion Ratio Lower Upper

79 100

52 82.7 54.8 82.2#

51 39.4 27.0 40.4



#4

n-Nitrosodimethylamine

Concen: 39.170 ng

RT: 3.00 min Scan# 156

Delta R.T. 0.05 min

Lab File: BF098483.D

Acq: 13 Sep 2017 12:06

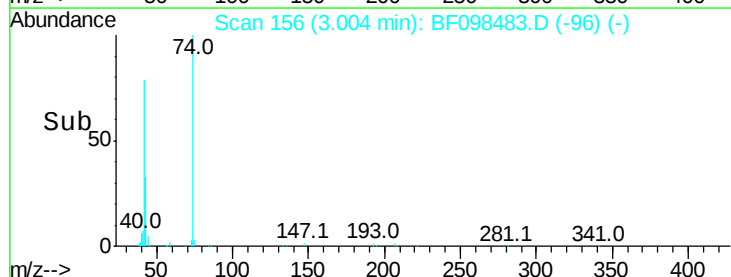
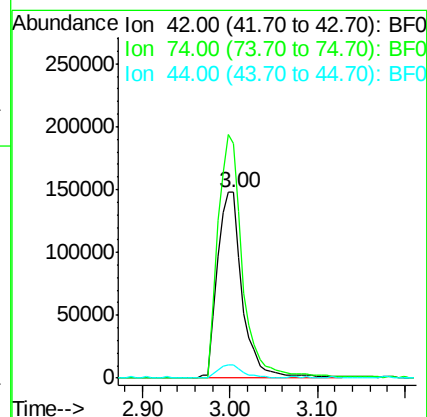
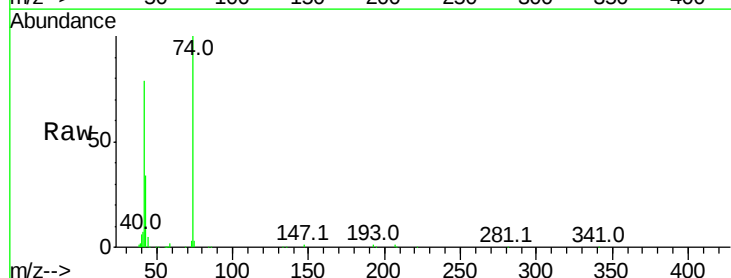
Tgt Ion: 42 Resp: 293357

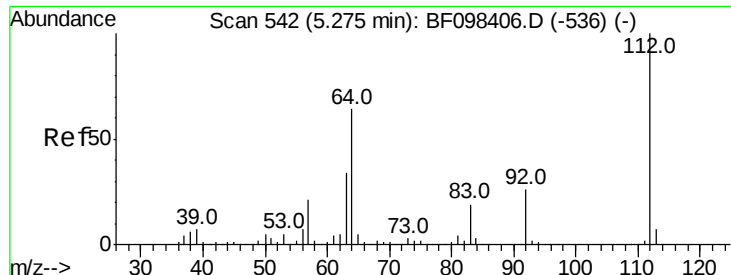
Ion Ratio Lower Upper

42 100

74 126.6 103.9 155.9

44 7.0 5.7 8.5





#5

2-Fluorophenol

Concen: 131.544 ng

RT: 5.27 min Scan# 542

Delta R.T. 0.00 min

Lab File: BF098483.D

Acq: 13 Sep 2017 12:06

Instrument :

BNA_F

ClientSampled :

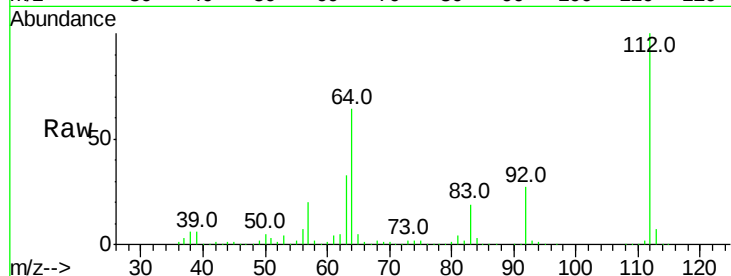
Tot Ion:112 Resp: 1466062

Ion Ratio Lower Upper

112 100

64 63.7 46.0 69.0

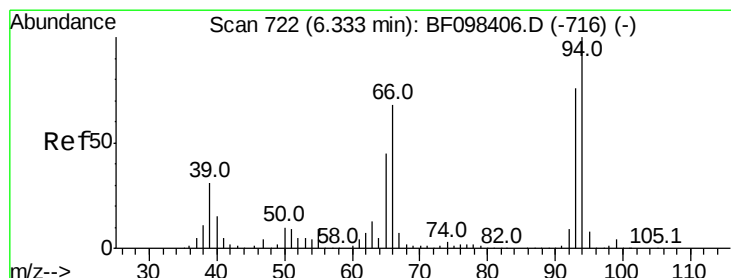
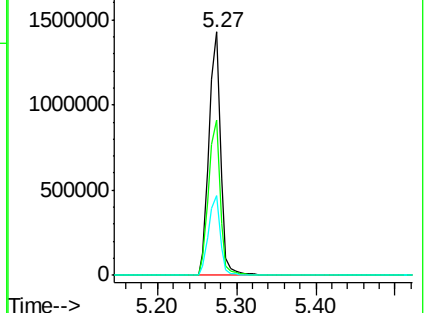
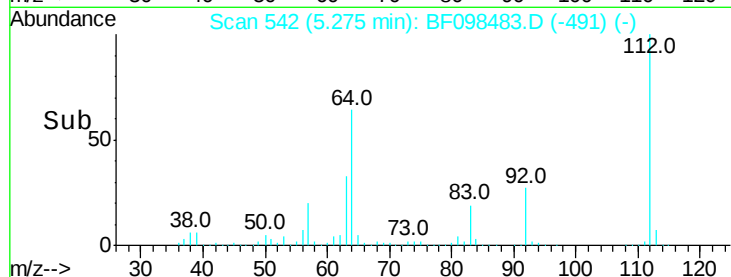
63 33.0 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 34.893 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF098483.D

Acq: 13 Sep 2017 12:06

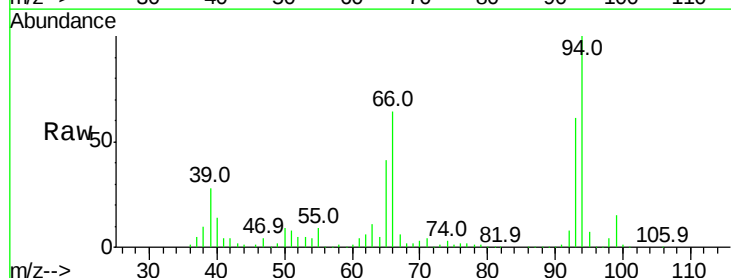
Tgt Ion: 93 Resp: 619428

Ion Ratio Lower Upper

93 100

66 103.9 32.9 49.3#

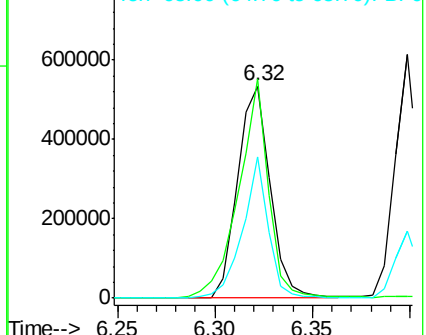
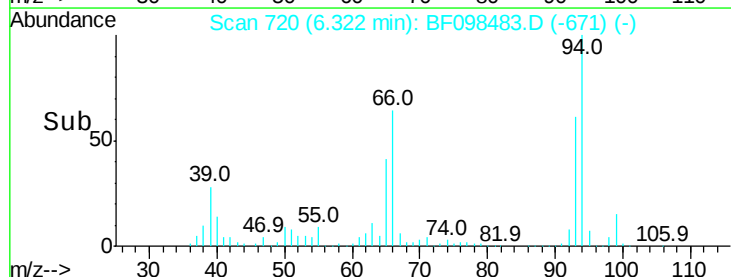
65 66.9 16.0 24.0#

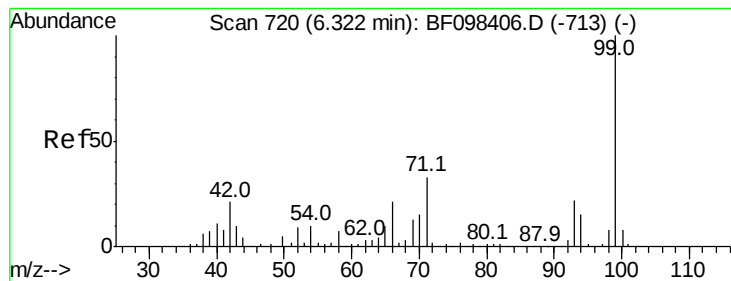


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 125.987 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF098483.D

Acq: 13 Sep 2017 12:06

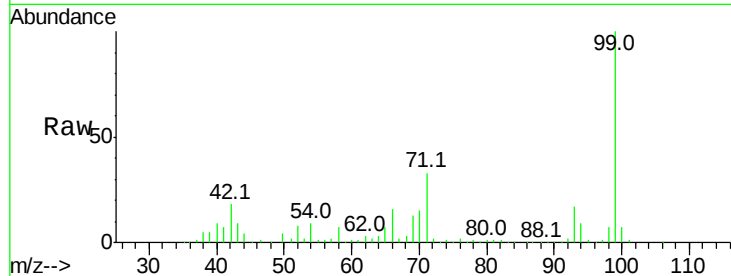
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1782766

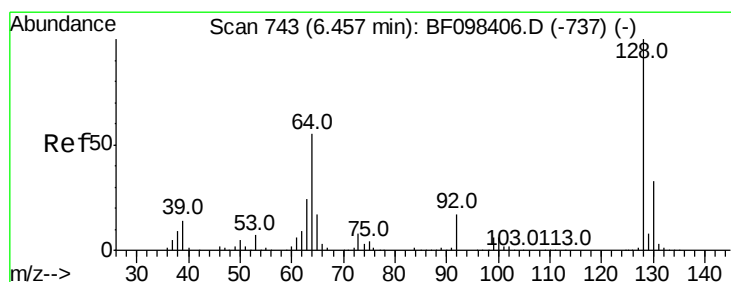
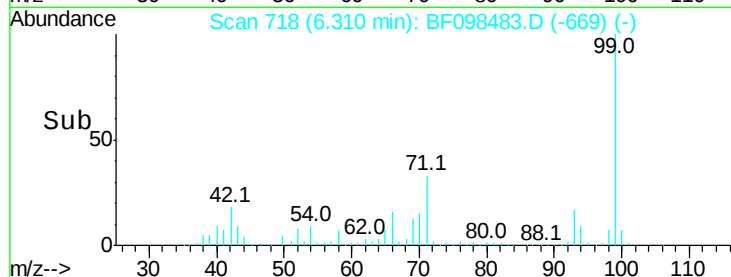
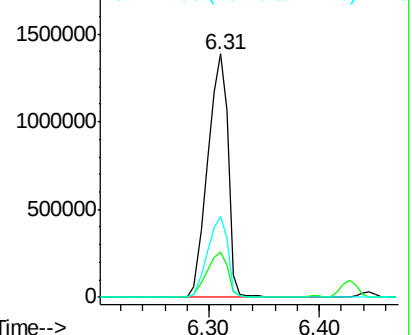
Ion	Ratio	Lower	Upper
99	100		
42	18.4	13.5	20.3
71	33.4	24.5	36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 43.734 ng

RT: 6.45 min Scan# 741

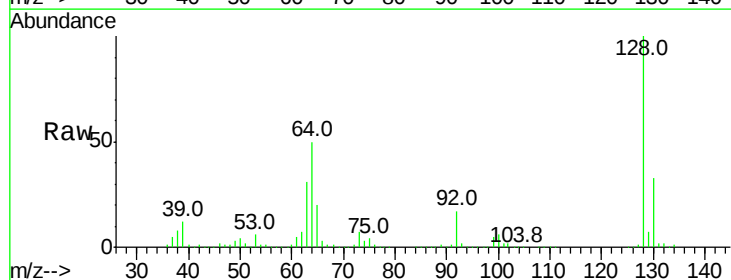
Delta R.T. -0.01 min

Lab File: BF098483.D

Acq: 13 Sep 2017 12:06

Tgt Ion: 128 Resp: 535972

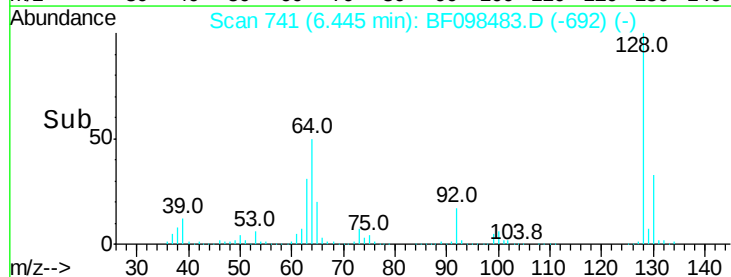
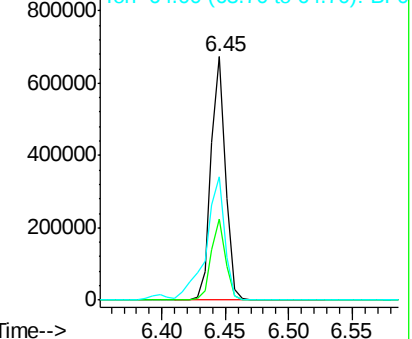
Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.9	52.9
64	50.5	28.4	68.4

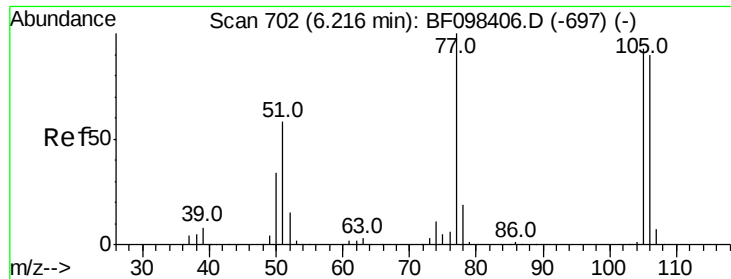


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

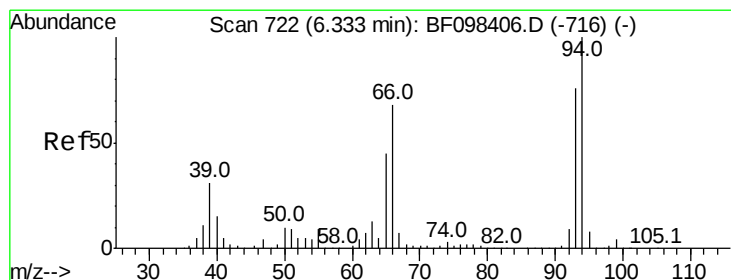
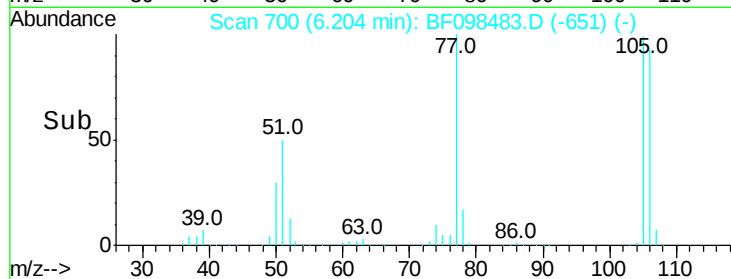
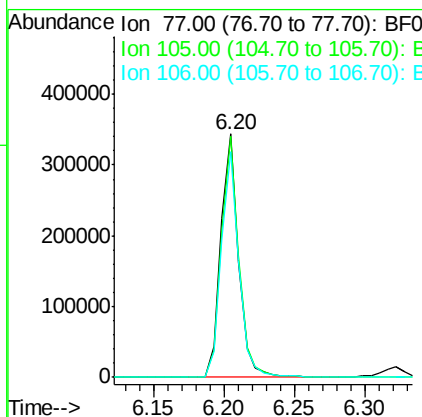
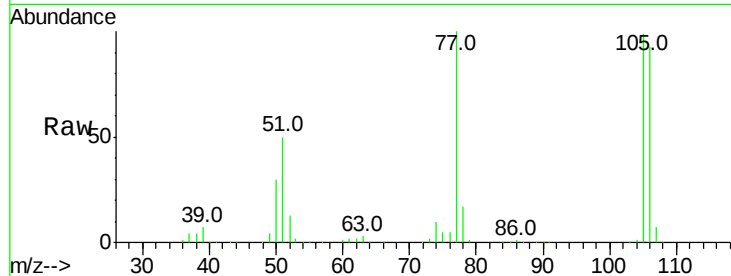




#9
Benzaldehyde
Concen: 32.583 ng
RT: 6.20 min Scan# 700
Delta R.T. -0.01 min
Lab File: BF098483.D
Acq: 13 Sep 2017 12:06

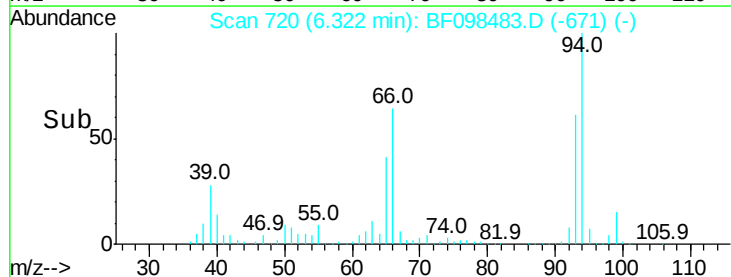
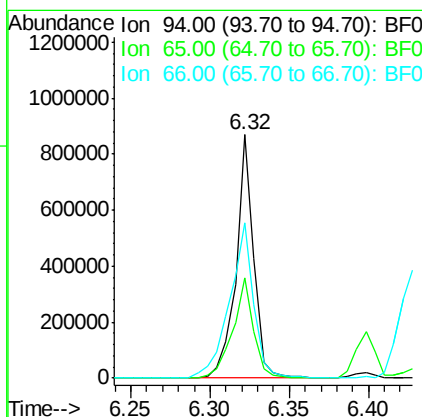
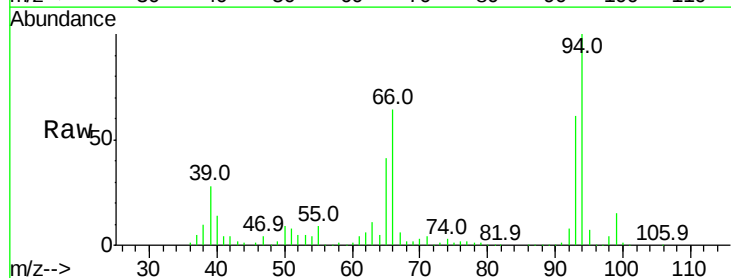
Instrument :
BNA_F
ClientSampled :

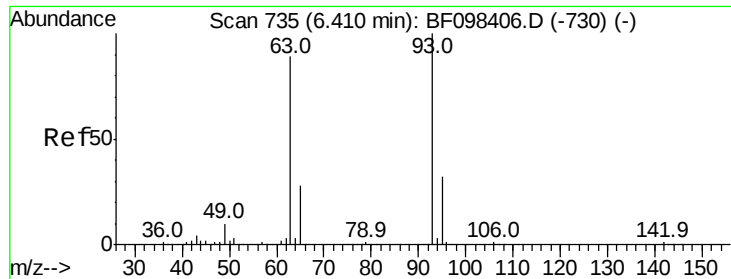
Tot Ion: 77 Resp: 301399
Ion Ratio Lower Upper
77 100
105 99.2 83.8 123.8
106 92.5 79.1 119.1



#10
Phenol
Concen: 41.104 ng
RT: 6.32 min Scan# 720
Delta R.T. -0.01 min
Lab File: BF098483.D
Acq: 13 Sep 2017 12:06

Tgt Ion: 94 Resp: 675583
Ion Ratio Lower Upper
94 100
65 41.0 9.9 49.9
66 63.7 23.1 63.1#





#11

bis(2-Chloroethyl)ether

Concen: 41.326 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF098483.D

Acq: 13 Sep 2017 12:06

Instrument :

BNA_F

ClientSampleId :

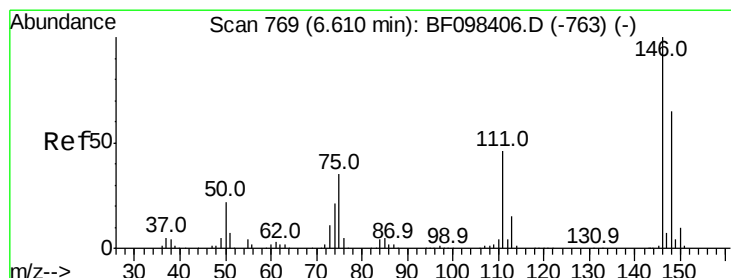
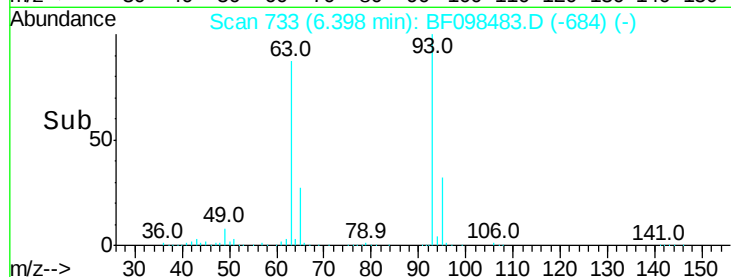
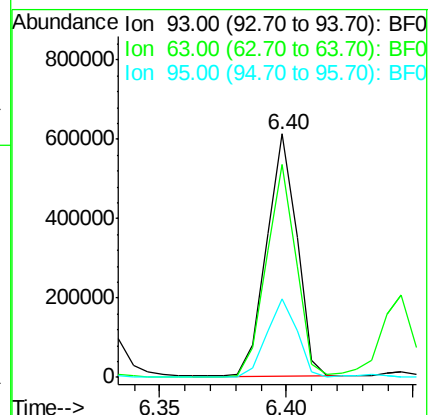
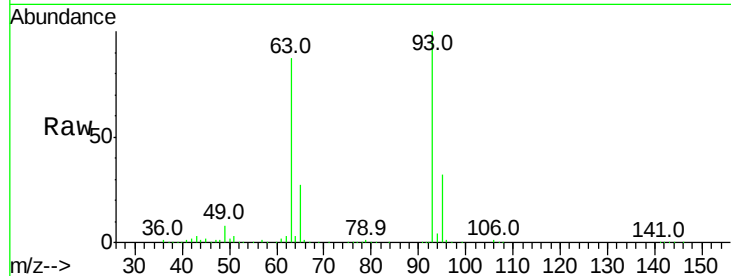
Tot Ion: 93 Resp: 512113

Ion Ratio Lower Upper

93 100

63 87.3 59.2 99.2

95 32.4 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 44.138 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.02 min

Lab File: BF098483.D

Acq: 13 Sep 2017 12:06

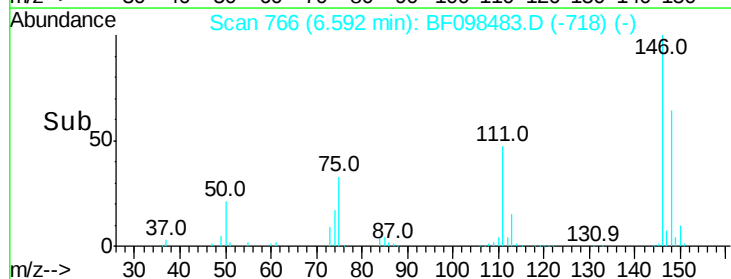
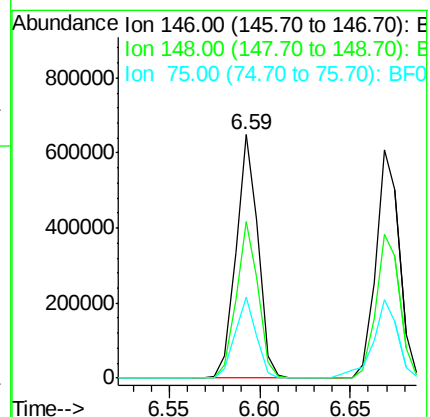
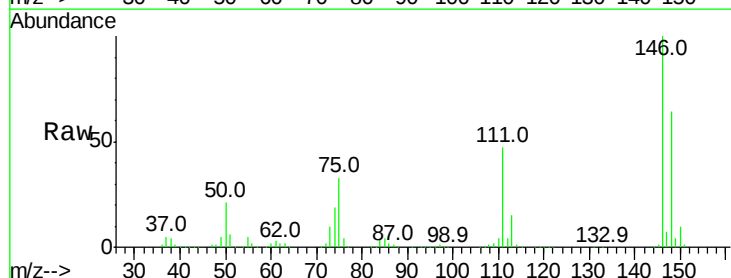
Tgt Ion: 146 Resp: 544456

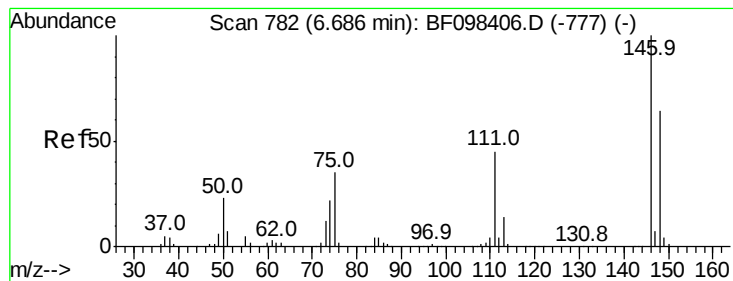
Ion Ratio Lower Upper

146 100

148 64.5 51.8 77.6

75 33.5 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 43.137 ng

RT: 6.67 min Scan# 779

Delta R.T. -0.02 min

Lab File: BF098483.D

Acq: 13 Sep 2017 12:06

Instrument :

BNA_F

ClientSampled :

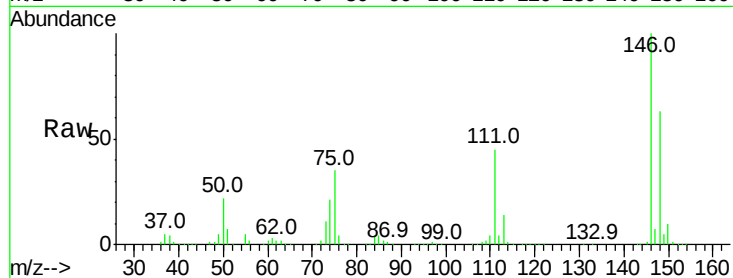
Tot Ion:146 Resp: 545034

Ion Ratio Lower Upper

146 100

148 63.0 52.2 78.2

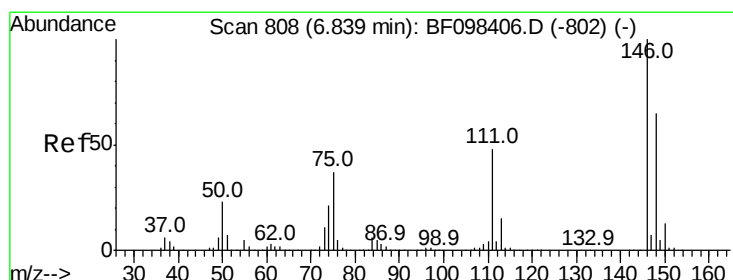
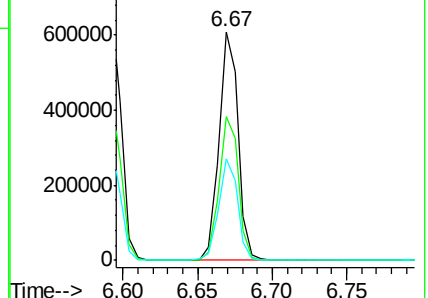
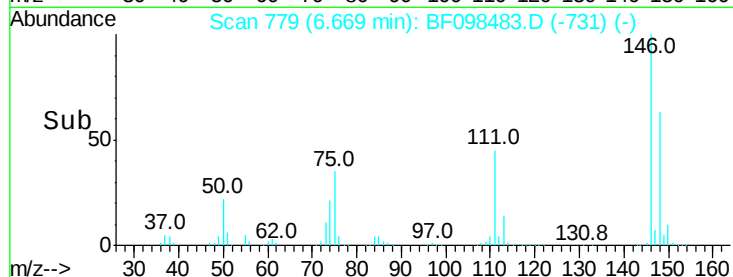
111 44.6 30.3 45.5



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: 43.874 ng

RT: 6.82 min Scan# 805

Delta R.T. -0.02 min

Lab File: BF098483.D

Acq: 13 Sep 2017 12:06

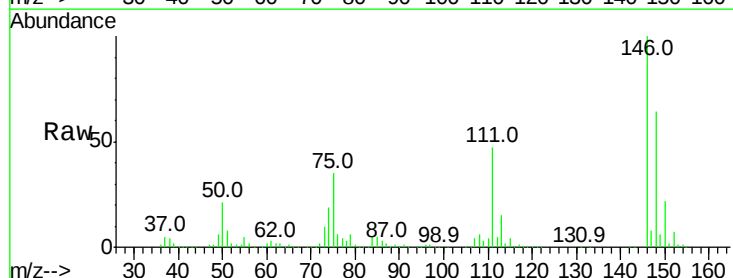
Tgt Ion:146 Resp: 505046

Ion Ratio Lower Upper

146 100

148 63.9 50.4 75.6

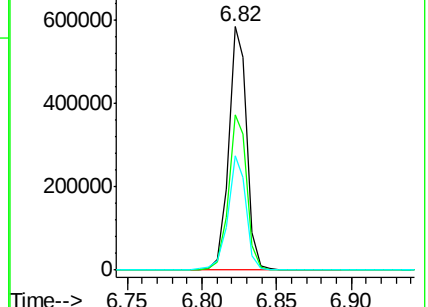
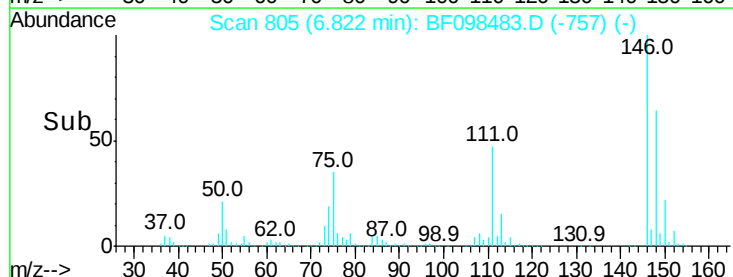
111 46.7 38.2 57.4

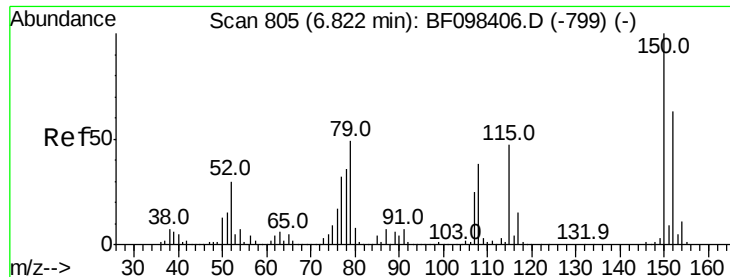


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

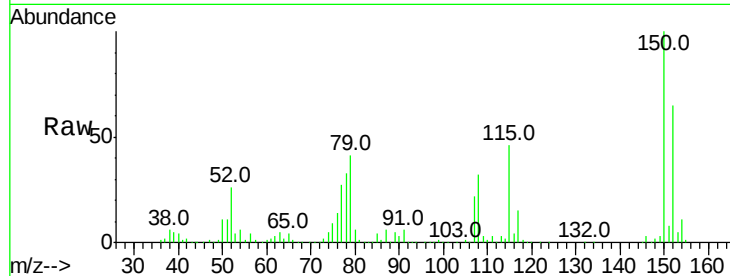




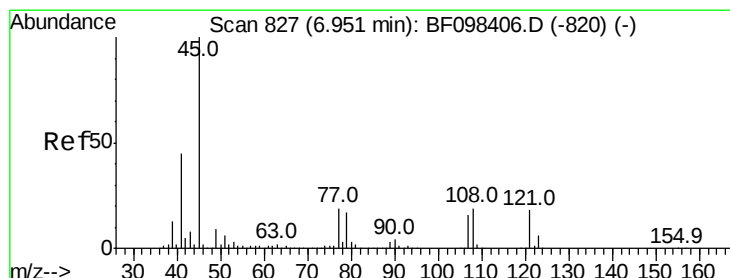
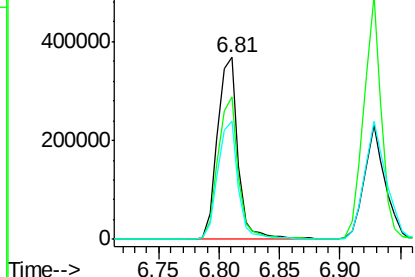
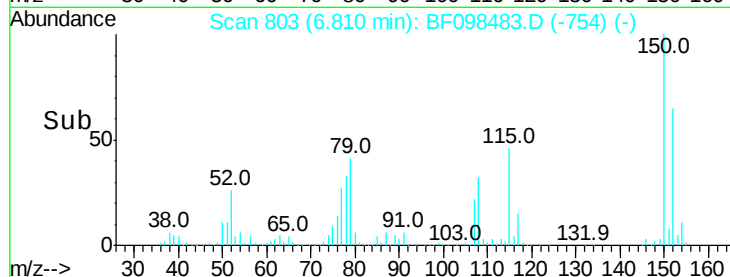
#15
Benzyl Alcohol
Concen: 45.965 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF098483.D
Acq: 13 Sep 2017 12:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 432877
Ion Ratio Lower Upper
79 100
108 78.1 63.4 95.0
77 64.8 49.2 73.8

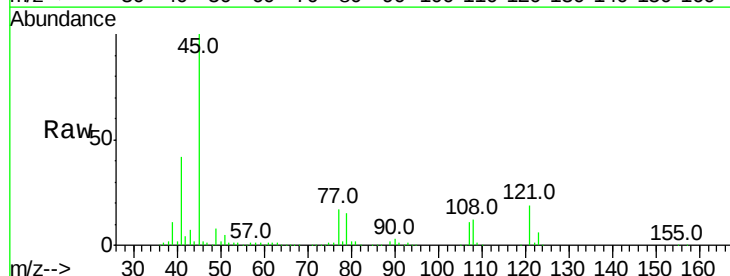


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

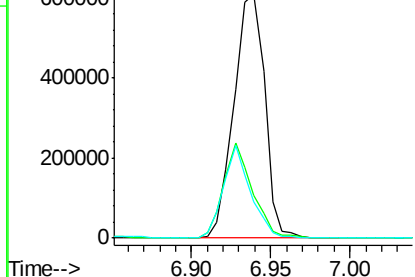
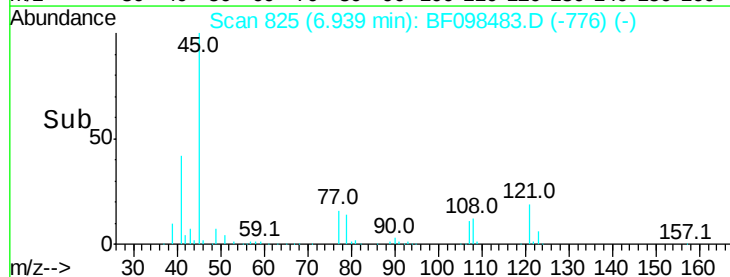


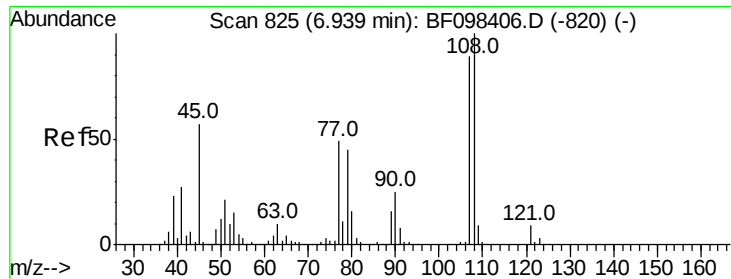
#16
2,2'-oxybis(1-chloropropane)
Concen: 40.369 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF098483.D
Acq: 13 Sep 2017 12:06

Tgt Ion: 45 Resp: 823108
Ion Ratio Lower Upper
45 100
77 17.3 0.0 33.2
79 14.6 0.0 30.0



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

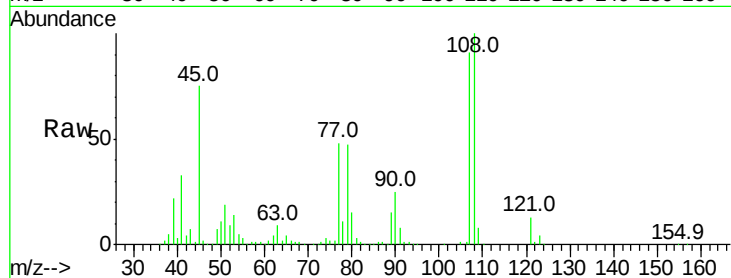




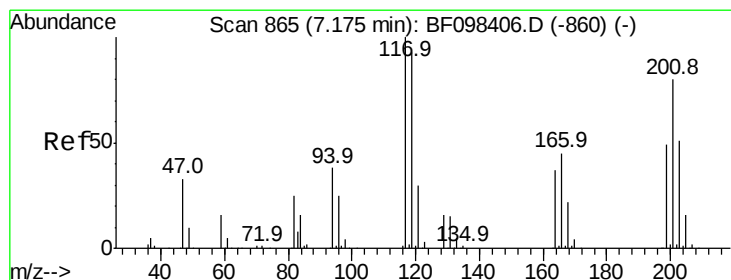
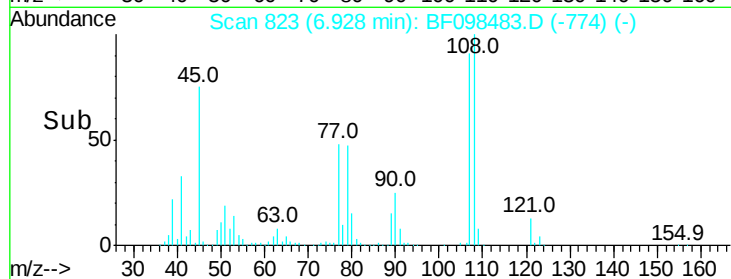
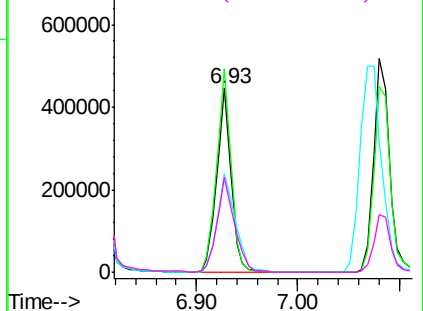
#17
2-Methylphenol
Concen: 44.557 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF098483.D
Acq: 13 Sep 2017 12:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	445276
Ion	Ratio	Lower	Upper
107	100		
108	110.4	93.4	140.0
77	53.5	35.8	53.6
79	51.8	34.8	52.2

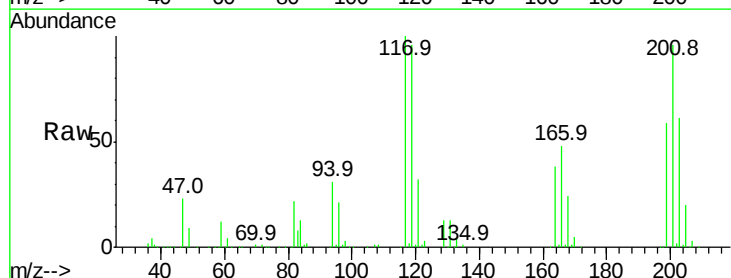


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

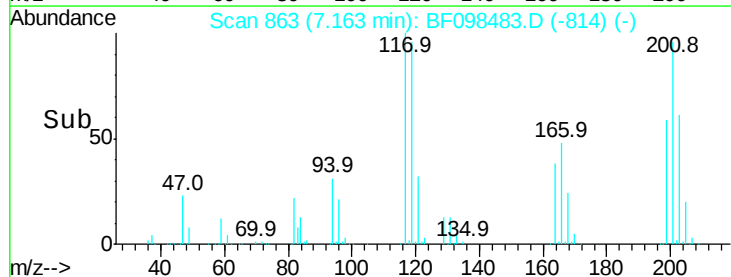
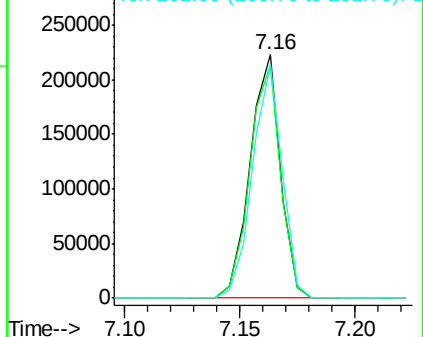


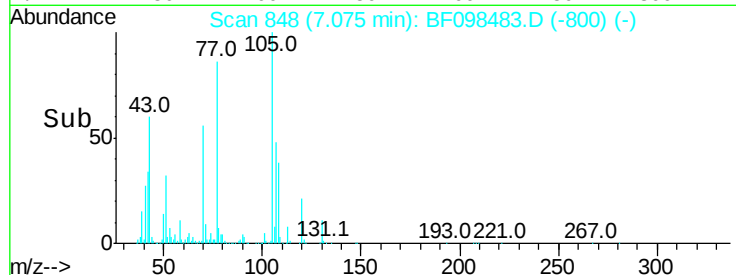
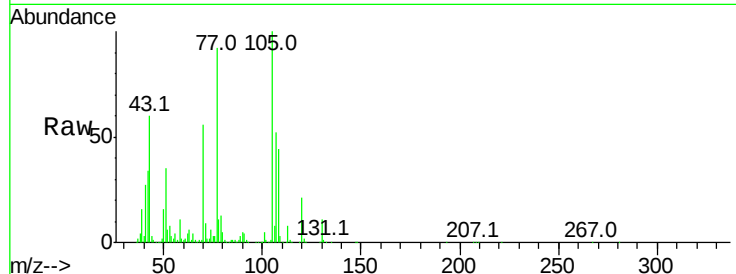
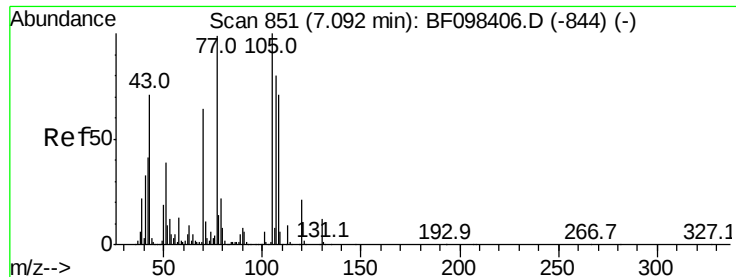
#18
Hexachloroethane
Concen: 42.253 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BF098483.D
Acq: 13 Sep 2017 12:06

Tgt Ion:	117	Resp:	204455
Ion	Ratio	Lower	Upper
117	100		
119	95.8	77.4	116.0
201	95.8	94.6	141.8



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

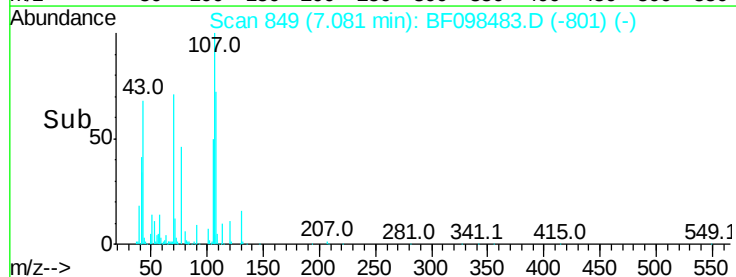
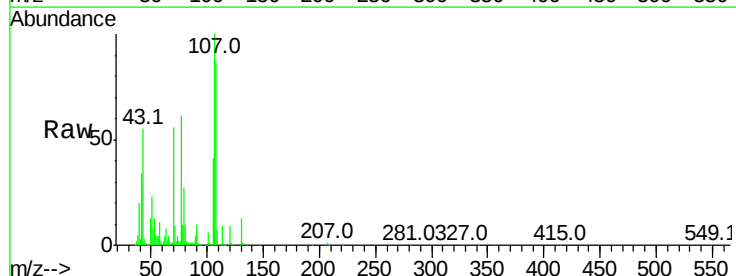
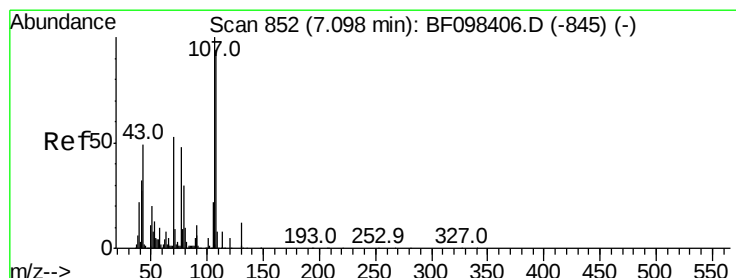
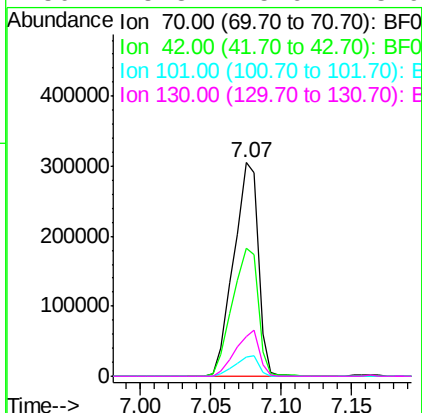




#19
n-Nitroso-di-n-propylamine
Concen: 41.640 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.02 min
Lab File: BF098483.D
Acq: 13 Sep 2017 12:06

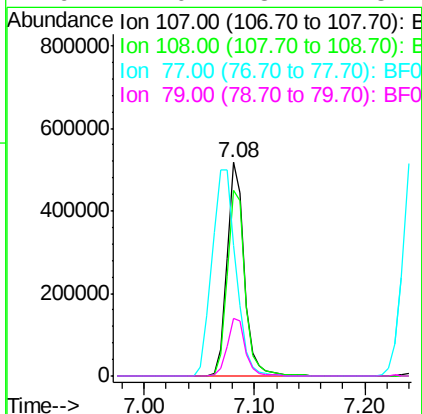
Instrument :
BNA_F
ClientSampleId :

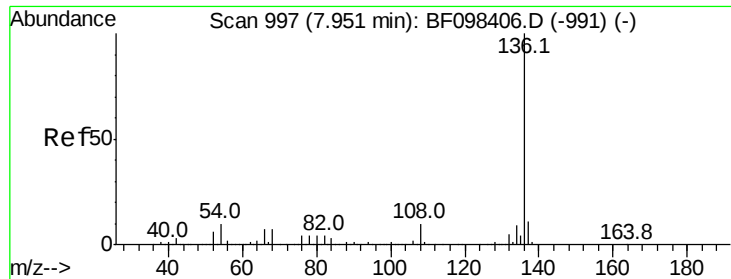
Tot Ion:	70	Resp:	370635
Ion	Ratio	Lower	Upper
70	100		
42	59.9	47.2	70.8
101	9.3	7.2	10.8
130	18.8	15.9	23.9



#20
3+4-Methylphenols
Concen: 45.014 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.02 min
Lab File: BF098483.D
Acq: 13 Sep 2017 12:06

Tgt Ion:	107	Resp:	567677
Ion	Ratio	Lower	Upper
107	100		
108	86.7	71.0	111.0
77	61.4	90.5	130.5#
79	27.0	8.4	48.4

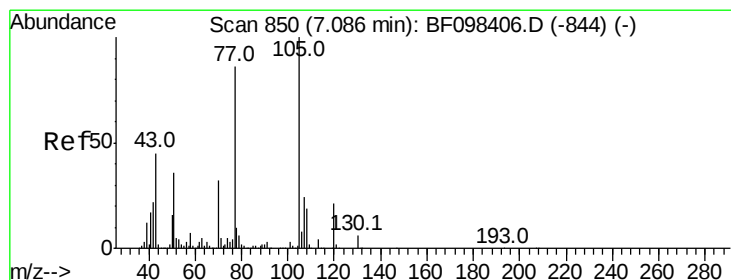
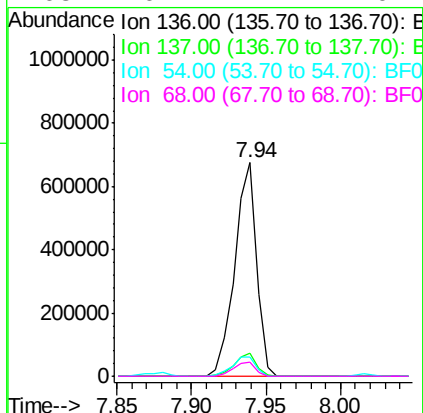
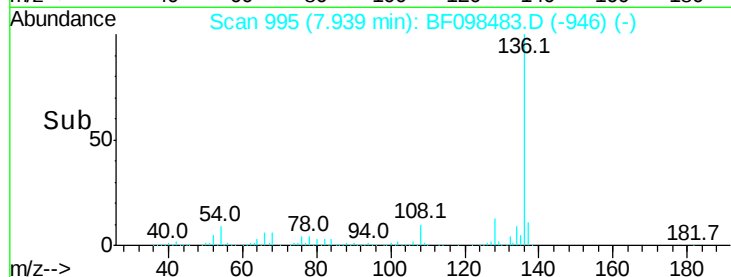
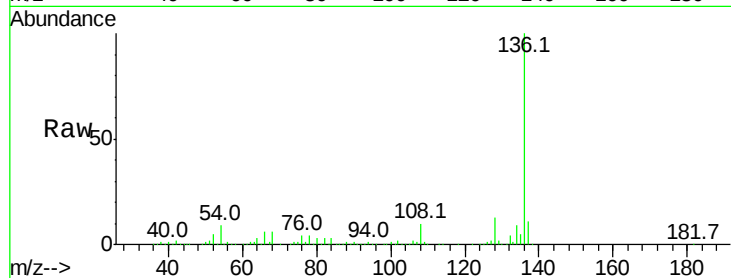




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF098483.D
Acq: 13 Sep 2017 12:06

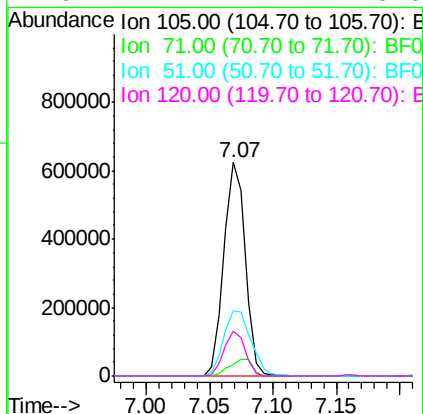
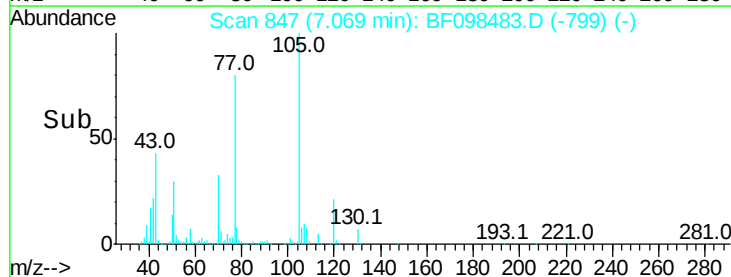
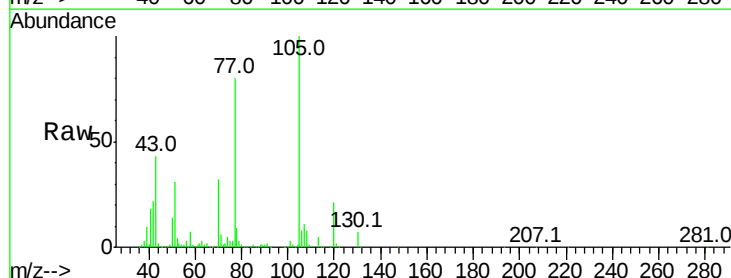
Instrument :
BNA_F
ClientSampled :

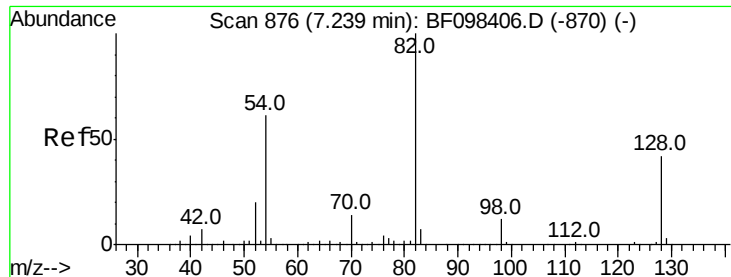
Tot Ion:136	Resp:	692879
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.5 12.7
54	9.2	4.9 7.3#
68	6.4	4.1 6.1#



#22
Acetophenone
Concen: 40.960 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.02 min
Lab File: BF098483.D
Acq: 13 Sep 2017 12:06

Tgt Ion:105	Resp:	733513
Ion Ratio	Lower	Upper
105	100	
71	5.5	2.8 4.2#
51	30.6	30.7 46.1#
120	21.1	17.4 26.0





#23

Nitrobenzene-d5

Concen: 89.565 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF098483.D

Acq: 13 Sep 2017 12:06

Instrument :

BNA_F

ClientSampleId :

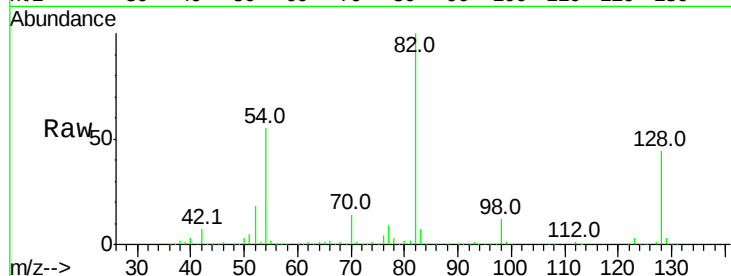
Tot Ion: 82 Resp: 1113157

Ion Ratio Lower Upper

82 100

128 44.5 34.0 51.0

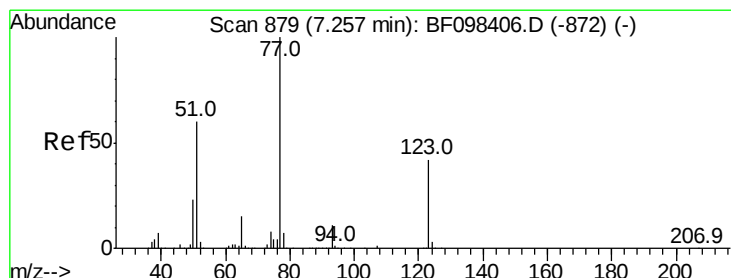
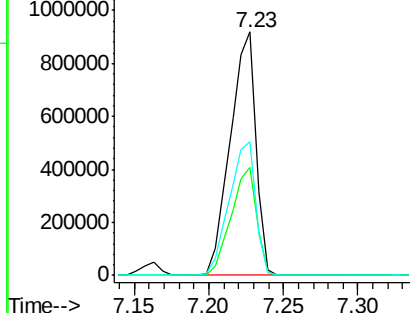
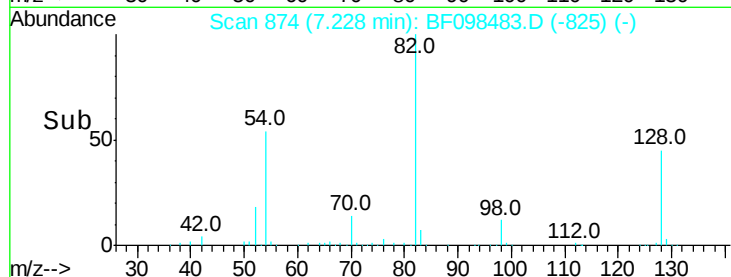
54 54.7 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 40.892 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF098483.D

Acq: 13 Sep 2017 12:06

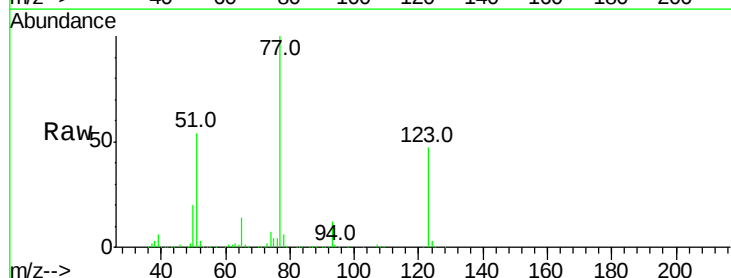
Tgt Ion: 77 Resp: 578892

Ion Ratio Lower Upper

77 100

123 47.4 35.8 53.8

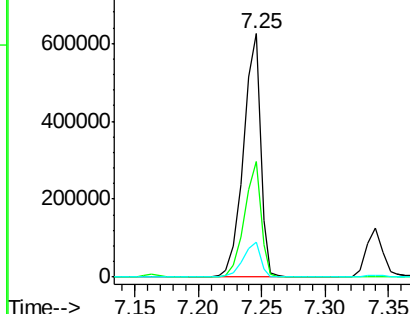
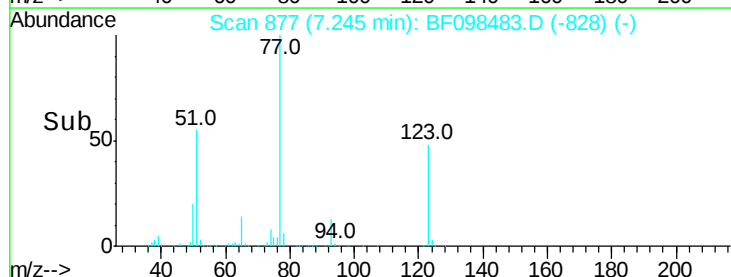
65 14.2 10.6 15.8

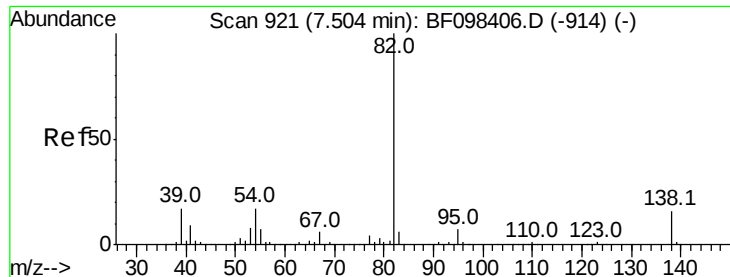


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 41.050 ng

RT: 7.49 min Scan# 918

Delta R.T. -0.02 min

Lab File: BF098483.D

Acq: 13 Sep 2017 12:06

Instrument :

BNA_F

ClientSampleId :

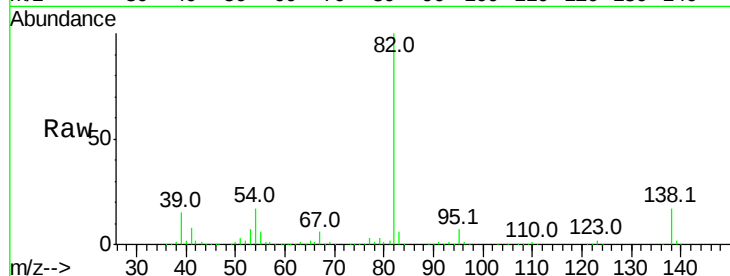
Tot Ion: 82 Resp: 1032246

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

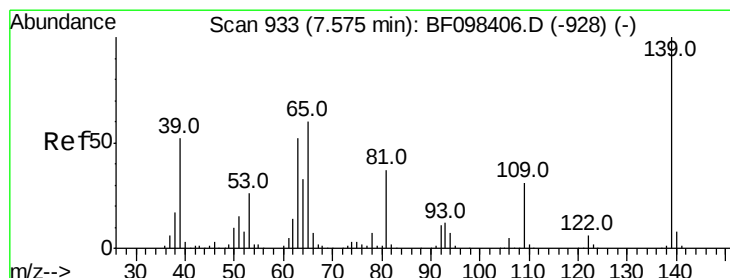
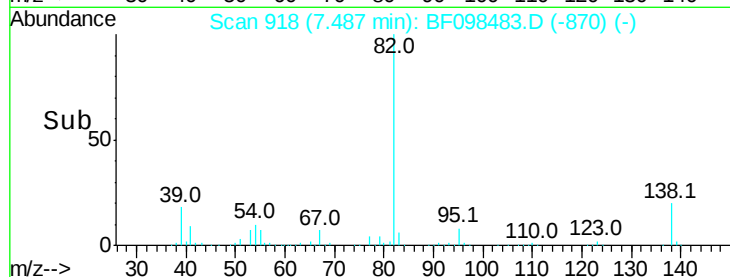
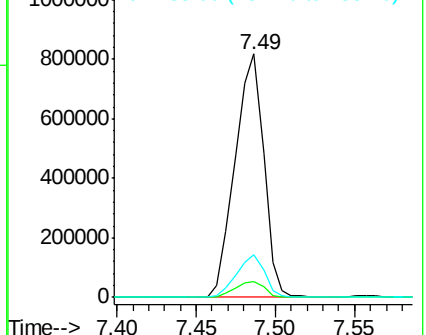
138 17.3 13.1 19.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 50.098 ng

RT: 7.56 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF098483.D

Acq: 13 Sep 2017 12:06

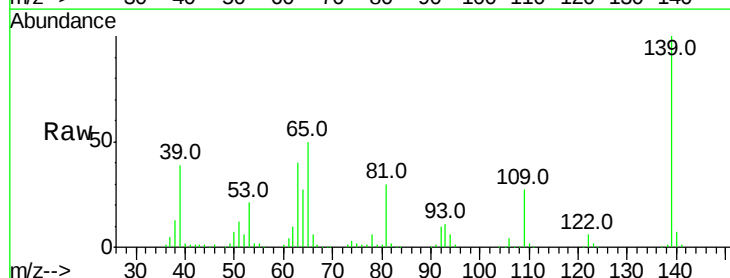
Tgt Ion:139 Resp: 286356

Ion Ratio Lower Upper

139 100

109 26.7 21.0 31.6

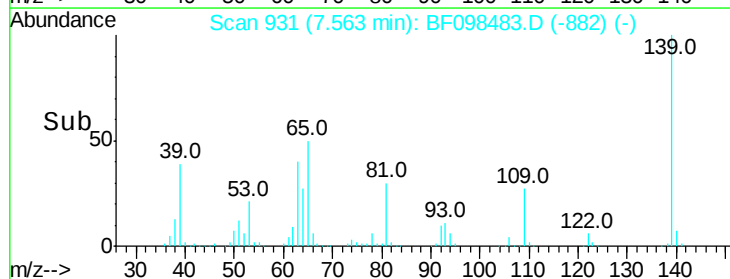
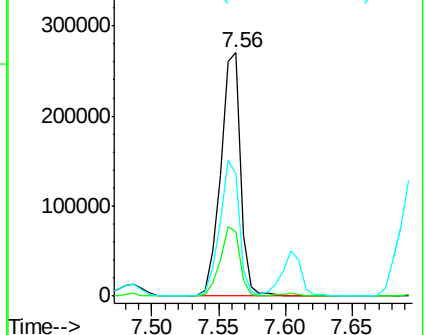
65 50.3 33.0 49.6#

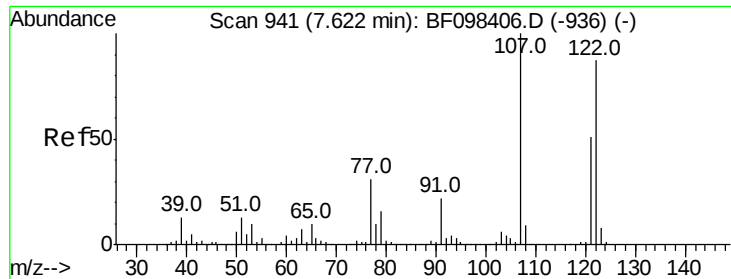


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 44.293 ng

RT: 7.60 min Scan# 938

Delta R.T. -0.02 min

Lab File: BF098483.D

Acq: 13 Sep 2017 12:06

Instrument :

BNA_F

ClientSampleId :

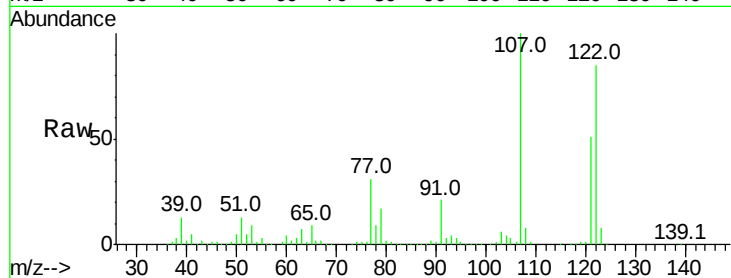
Tot Ion:122 Resp: 482623

Ion Ratio Lower Upper

122 100

107 117.0 89.2 133.8

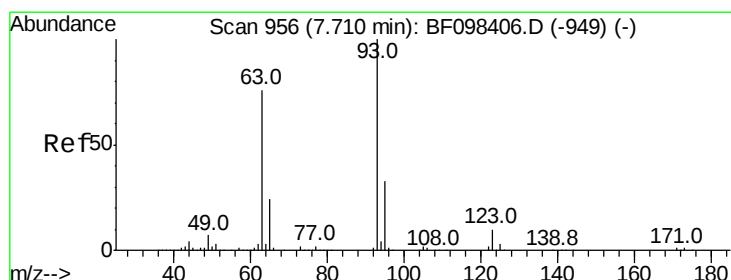
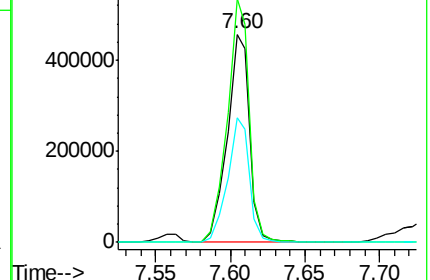
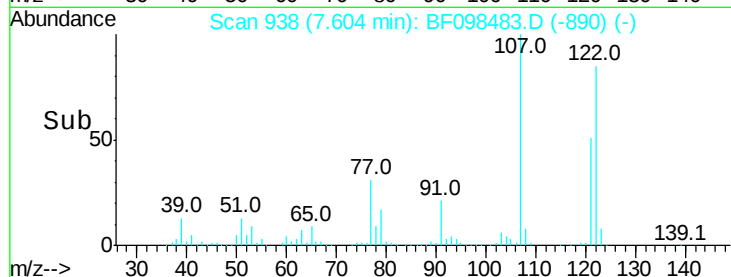
121 60.0 45.2 67.8



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: 42.990 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF098483.D

Acq: 13 Sep 2017 12:06

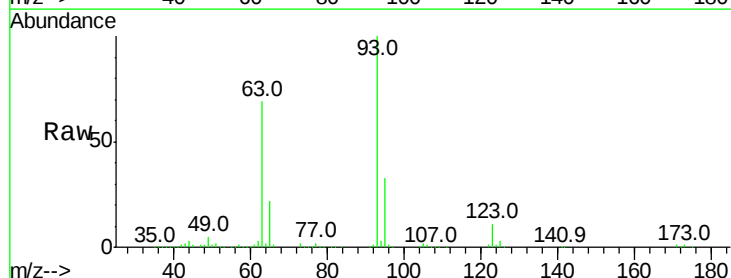
Tgt Ion: 93 Resp: 659629

Ion Ratio Lower Upper

93 100

95 32.6 26.5 39.7

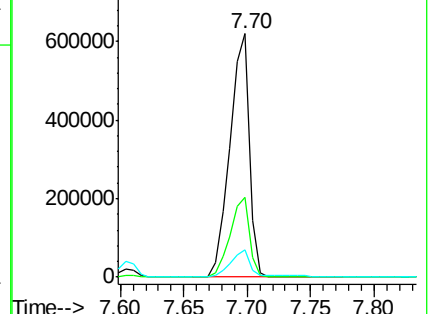
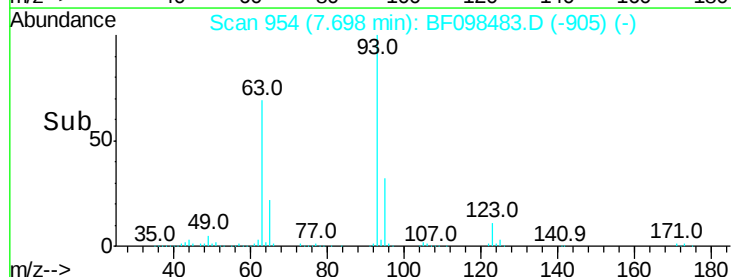
123 11.3 9.0 13.4

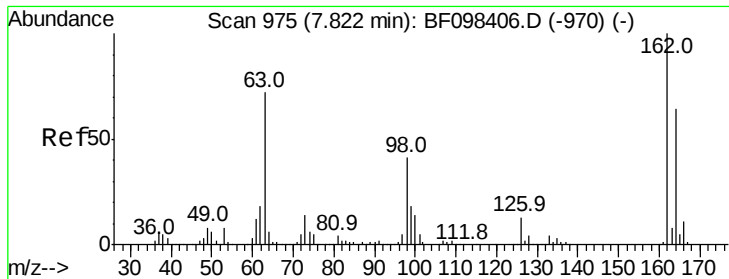


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

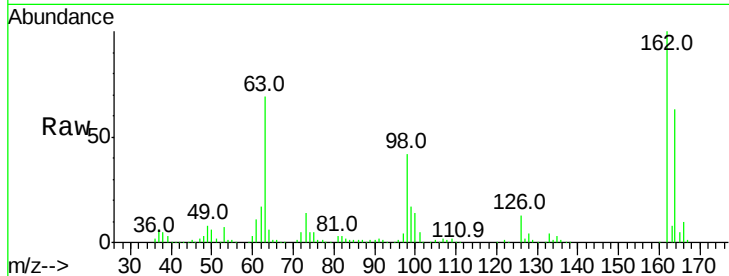




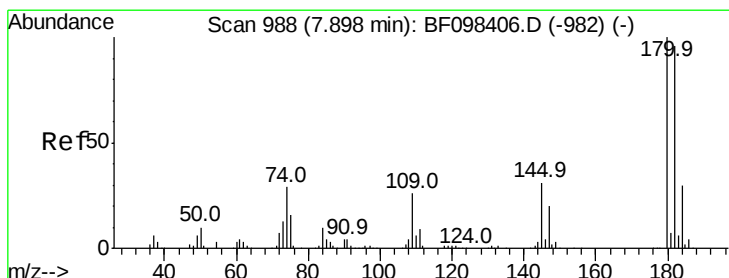
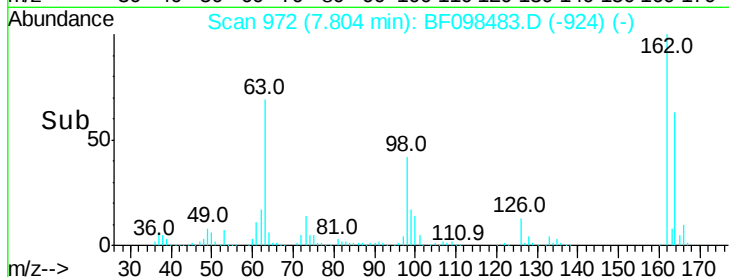
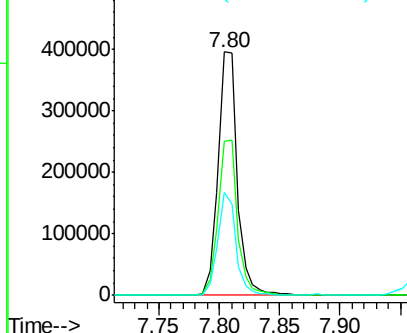
#29
 2,4-Dichlorophenol
 Concen: 47.894 ng
 RT: 7.80 min Scan# 972
 Delta R.T. -0.02 min
 Lab File: BF098483.D
 Acq: 13 Sep 2017 12:06

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.1	44.6	84.6
98	42.0	14.8	54.8

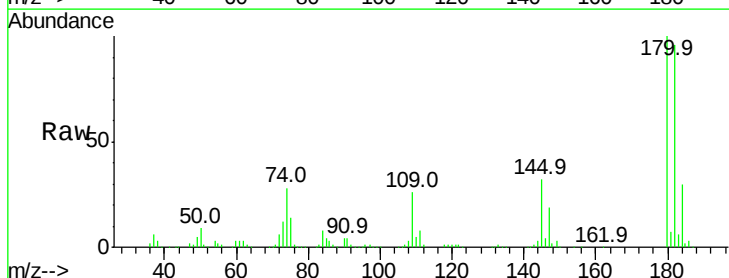


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

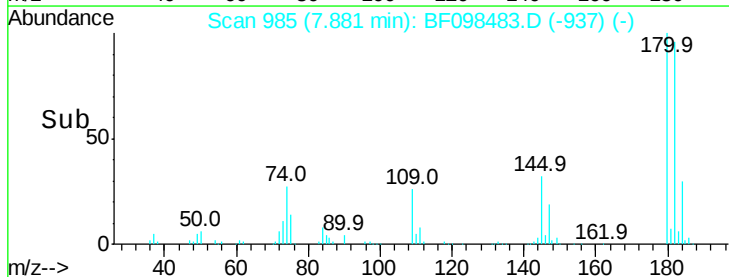
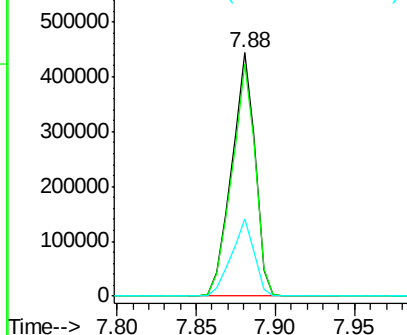


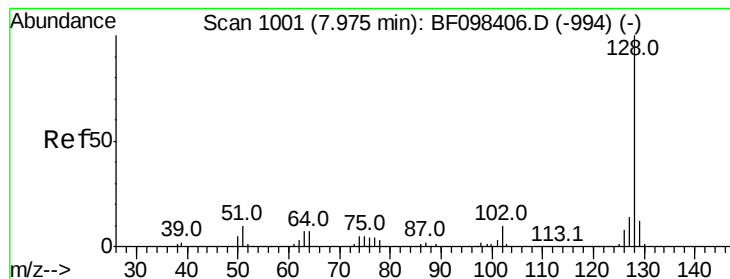
#30
 1,2,4-Trichlorobenzene
 Concen: 45.994 ng
 RT: 7.88 min Scan# 985
 Delta R.T. -0.02 min
 Lab File: BF098483.D
 Acq: 13 Sep 2017 12:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	75.8	113.6
145	31.8	25.3	37.9



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: 44.313 ng

RT: 7.96 min Scan# 998

Delta R.T. -0.02 min

Lab File: BF098483.D

Acq: 13 Sep 2017 12:06

Instrument :

BNA_F

ClientSampleId :

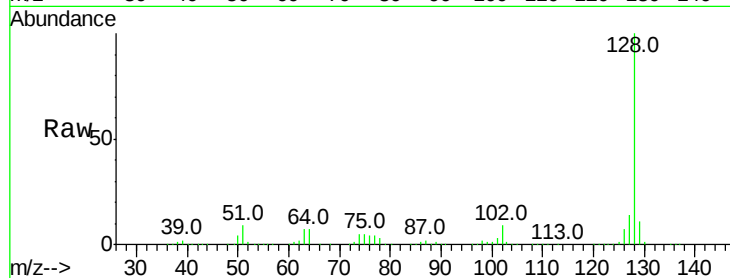
Tot Ion:128 Resp: 1517829

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

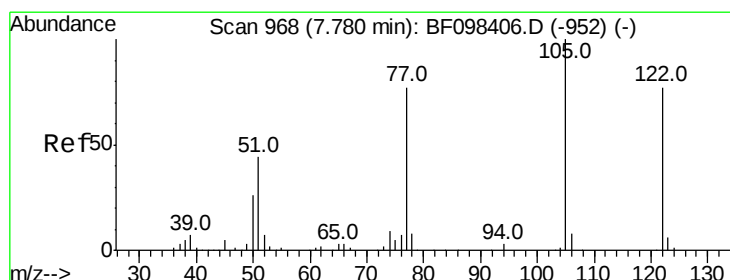
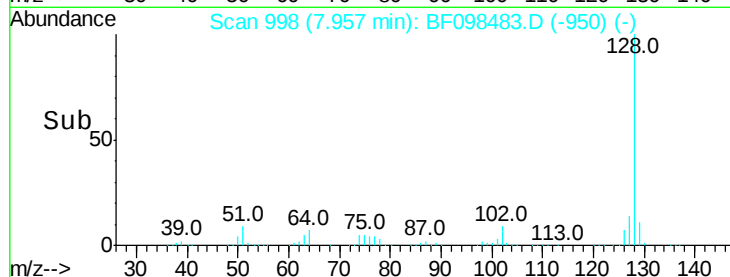
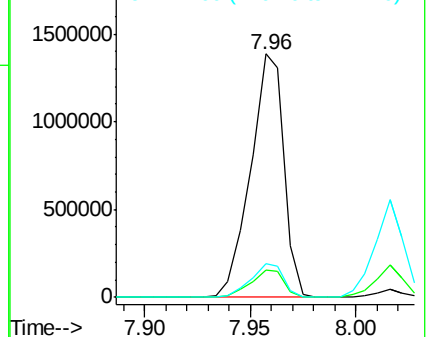
127 13.8 10.8 16.2



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: 24.763 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.03 min

Lab File: BF098483.D

Acq: 13 Sep 2017 12:06

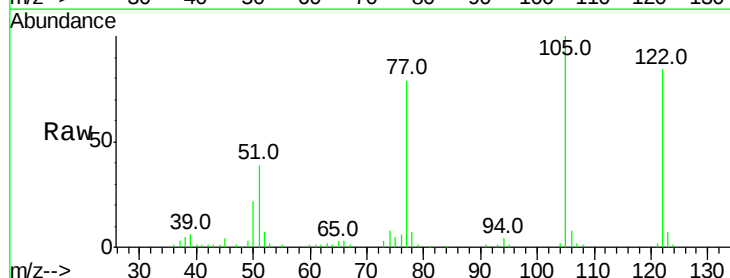
Tgt Ion:122 Resp: 147187

Ion Ratio Lower Upper

122 100

105 118.8 103.3 143.3

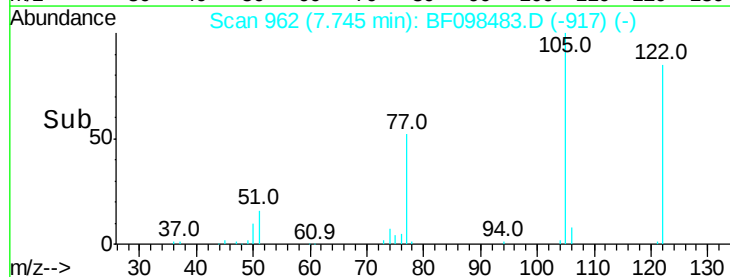
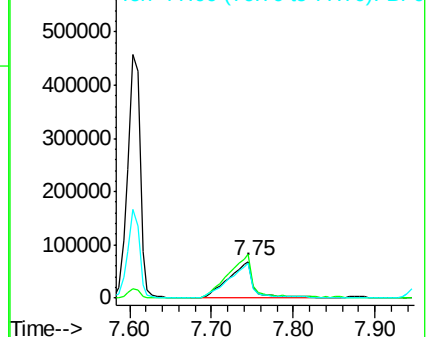
77 93.4 73.7 113.7

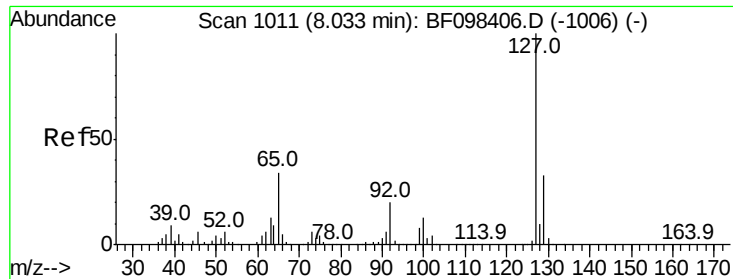


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

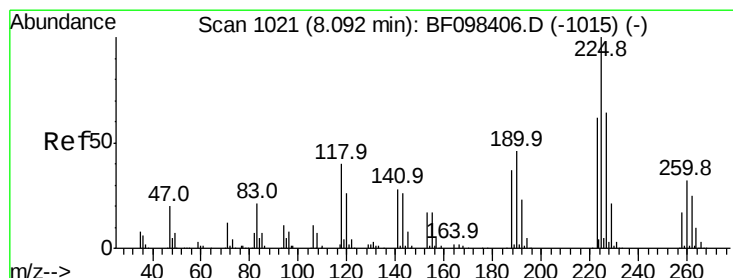
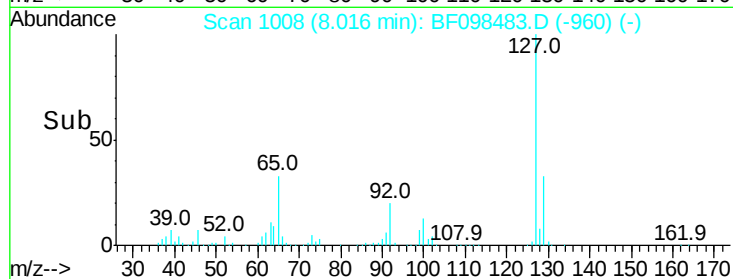
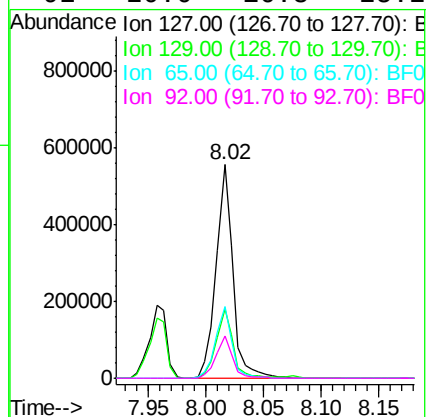
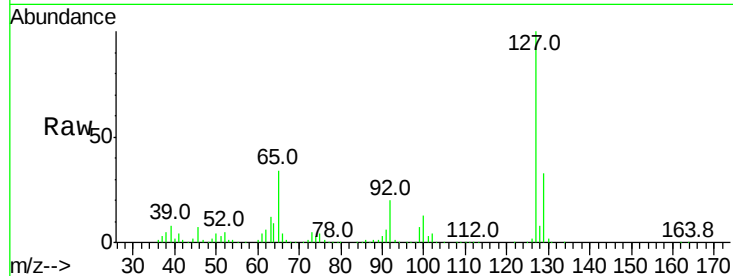




#33
4-Chloroaniline
Concen: 40.417 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.02 min
Lab File: BF098483.D
Acq: 13 Sep 2017 12:06

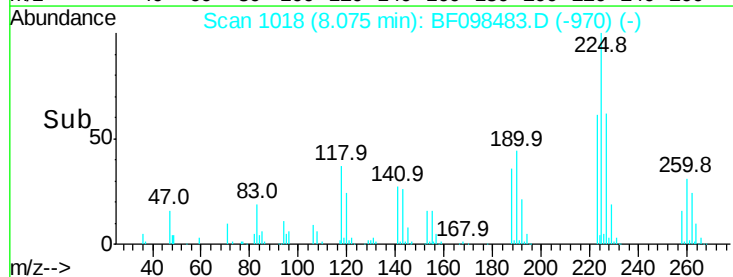
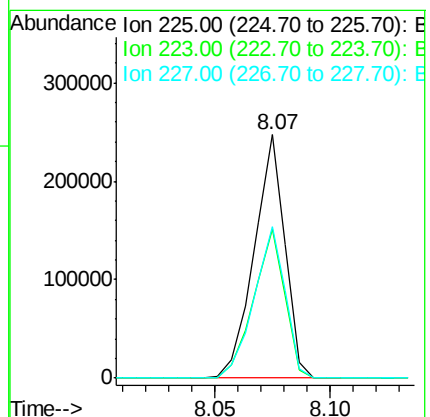
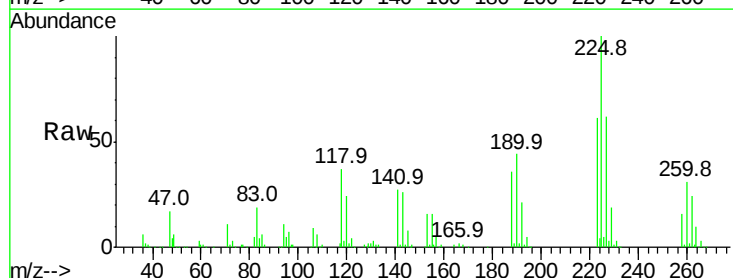
Instrument :
BNA_F
ClientSampleId :

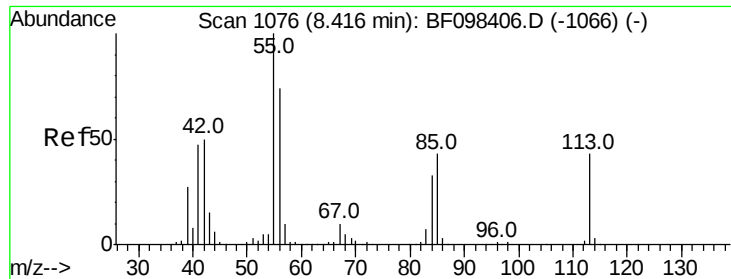
Tot Ion:	127	Resp:	562633
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.2	39.2
65	33.7	27.8	41.8
92	20.0	16.8	25.2



#34
Hexachlorobutadiene
Concen: 45.400 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.02 min
Lab File: BF098483.D
Acq: 13 Sep 2017 12:06

Tgt Ion:	225	Resp:	229755
Ion	Ratio	Lower	Upper
225	100		
223	61.2	48.8	73.2
227	62.1	51.1	76.7





#35

Caprolactam

Concen: 24.773 ng

RT: 8.40 min Scan# 1073

Delta R.T. -0.02 min

Lab File: BF098483.D

Acq: 13 Sep 2017 12:06

Instrument :

BNA_F

ClientSampleId :

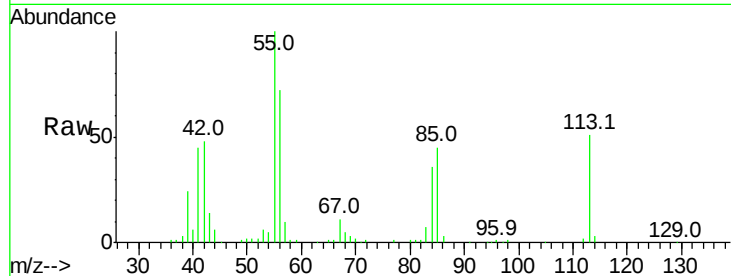
Tot Ion:113 Resp: 77415

Ion Ratio Lower Upper

113 100

55 195.7 150.2 190.2#

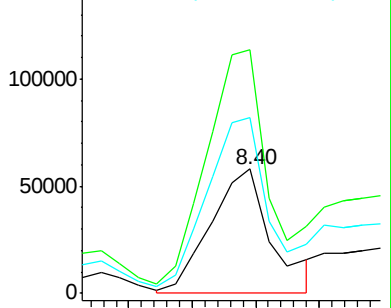
56 141.0 107.8 147.8



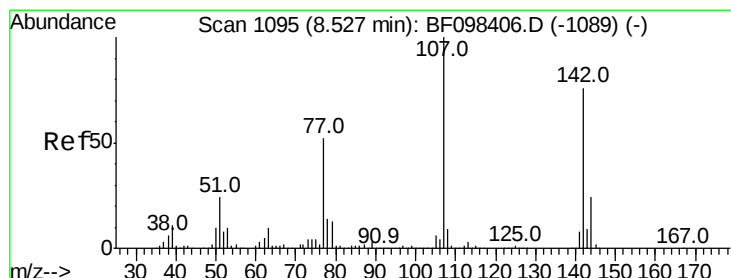
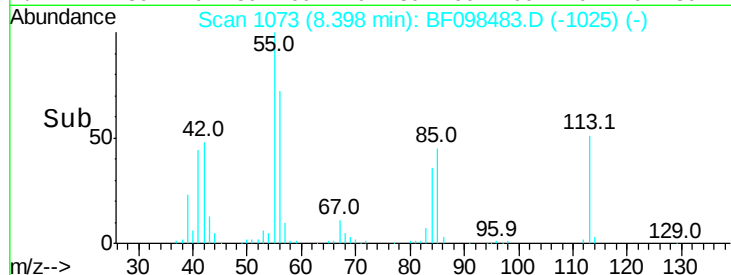
Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



Time-->



#36

4-Chloro-3-methylphenol

Concen: 44.753 ng

RT: 8.51 min Scan# 1092

Delta R.T. -0.02 min

Lab File: BF098483.D

Acq: 13 Sep 2017 12:06

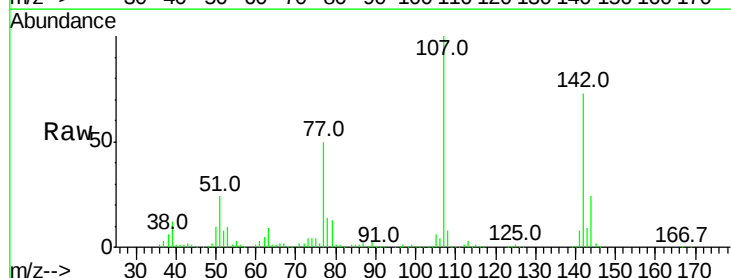
Tgt Ion:107 Resp: 502961

Ion Ratio Lower Upper

107 100

144 23.7 24.2 36.4#

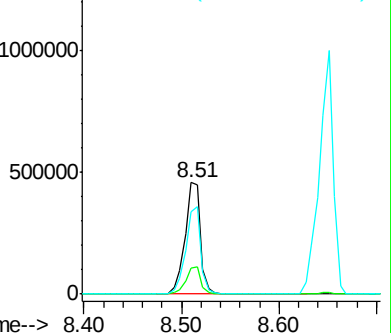
142 73.4 73.4 110.0



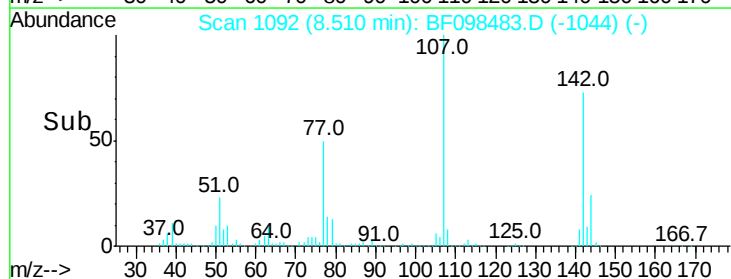
Abundance Ion 107.00 (106.70 to 107.70): E

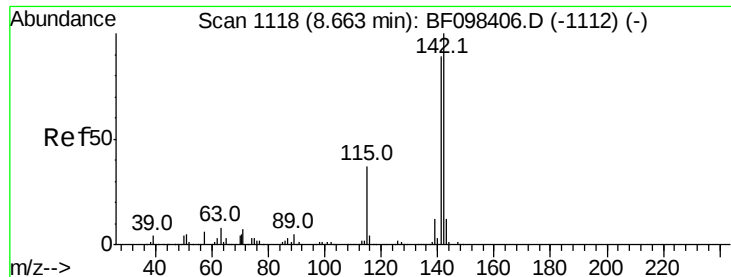
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



Time-->

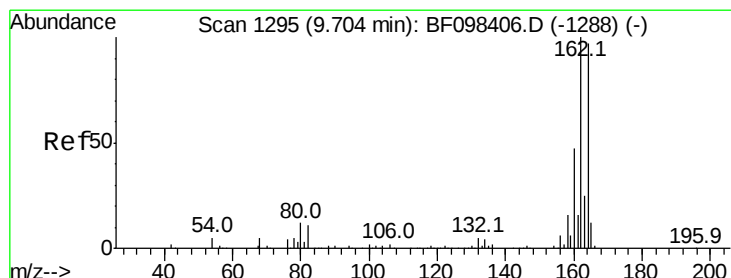
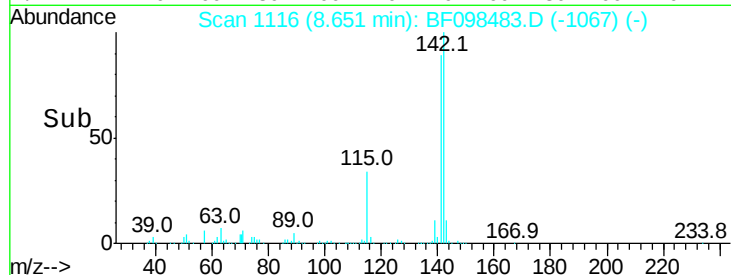
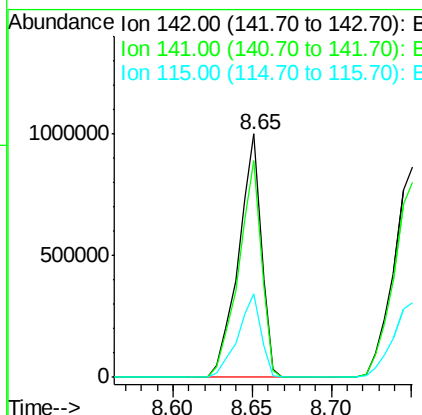
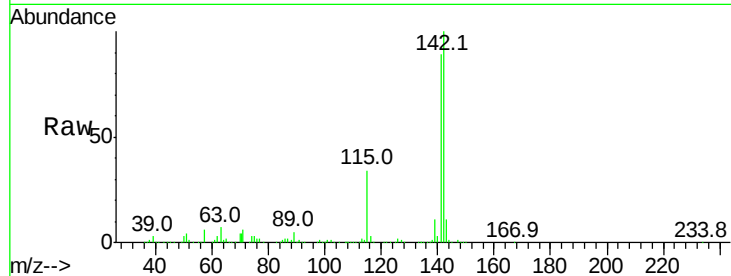




#37
 2-Methylnaphthalene
 Concen: 48.126 ng
 RT: 8.65 min Scan# 1116
 Delta R.T. -0.01 min
 Lab File: BF098483.D
 Acq: 13 Sep 2017 12:06

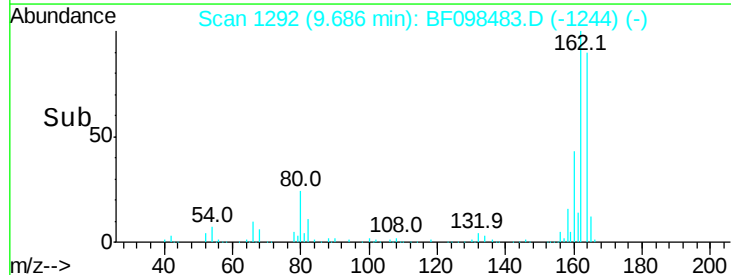
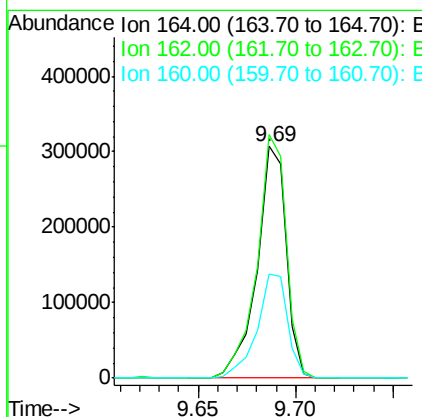
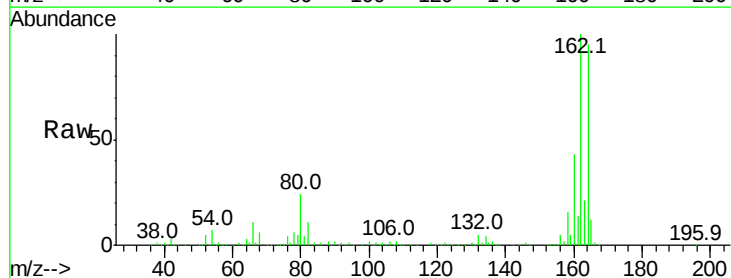
Instrument :
 BNA_F
 ClientSampled :

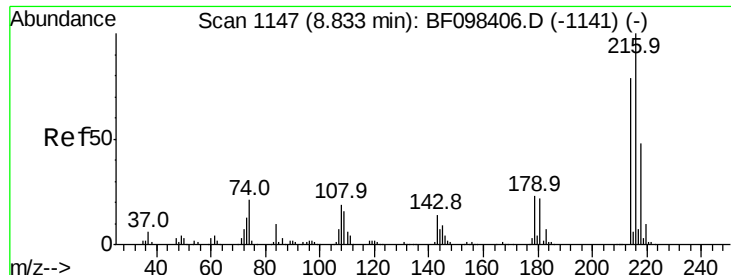
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.3	106.9
115	34.2	27.1	40.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. -0.02 min
 Lab File: BF098483.D
 Acq: 13 Sep 2017 12:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.9	82.6	123.8
160	45.1	36.2	54.2

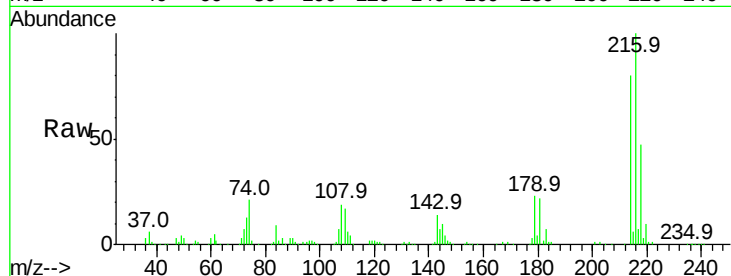




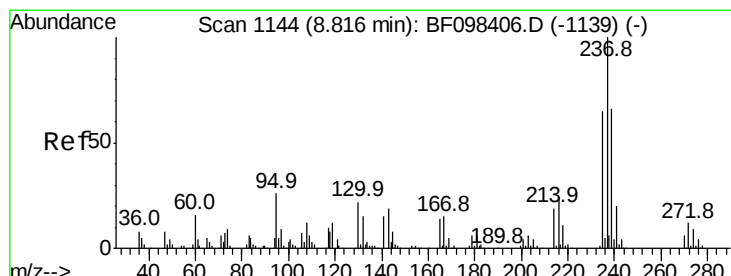
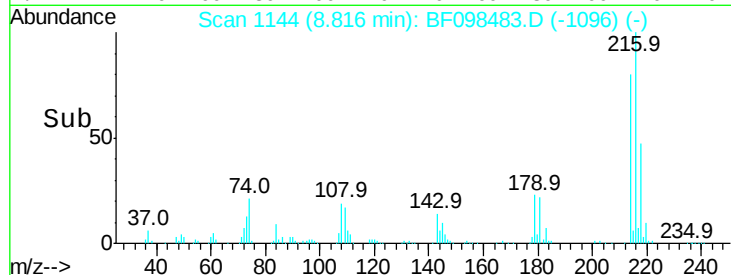
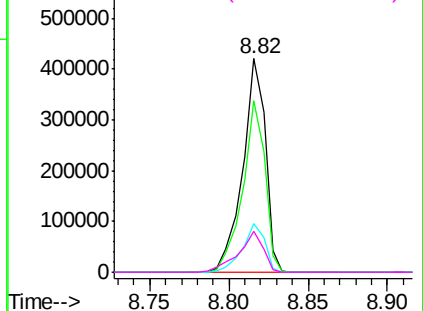
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.526 ng
 RT: 8.82 min Scan# 1144
 Delta R.T. -0.02 min
 Lab File: BF098483.D
 Acq: 13 Sep 2017 12:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	414715
Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.4	95.2
179	22.7	17.9	26.9
108	21.2	16.5	24.7

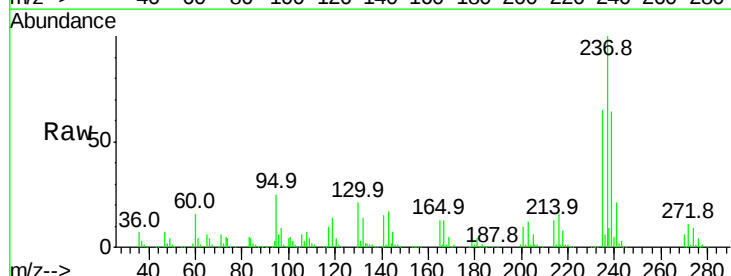


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

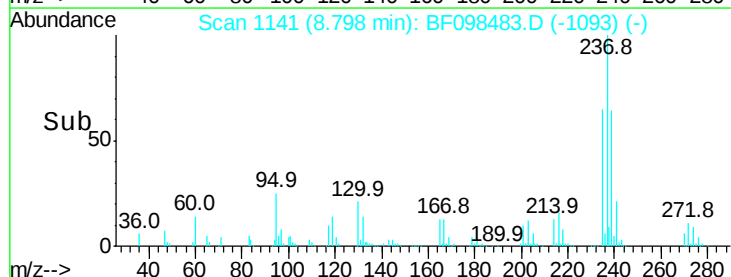
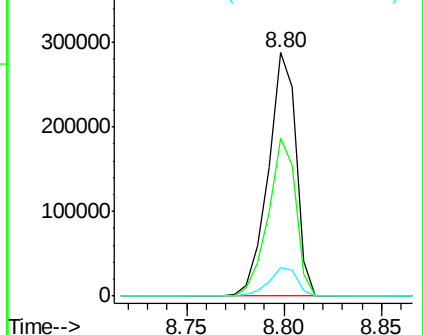


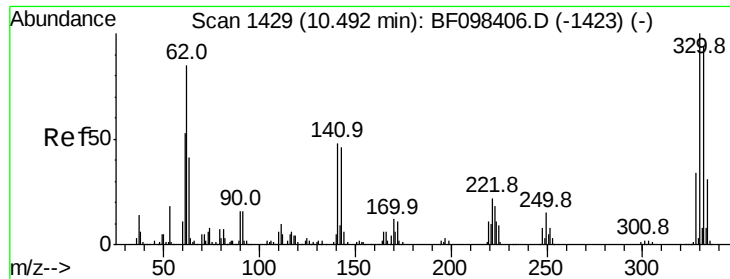
#40
 Hexachlorocyclopentadiene
 Concen: 95.007 ng
 RT: 8.80 min Scan# 1141
 Delta R.T. -0.02 min
 Lab File: BF098483.D
 Acq: 13 Sep 2017 12:06

Tgt Ion:	237	Resp:	284003
Ion	Ratio	Lower	Upper
237	100		
235	64.9	42.6	82.6
272	11.5	0.0	31.9



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

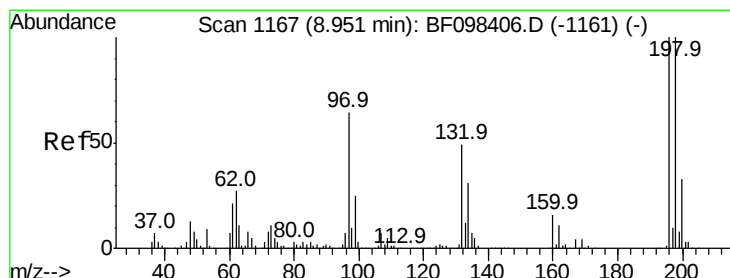
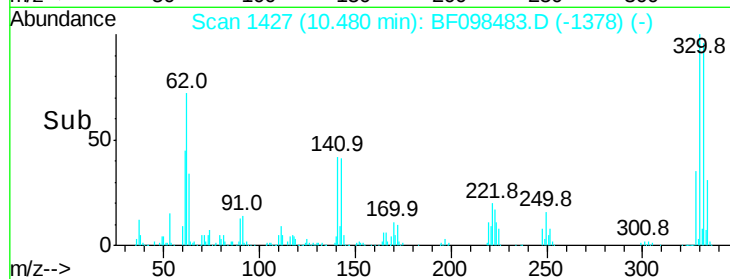
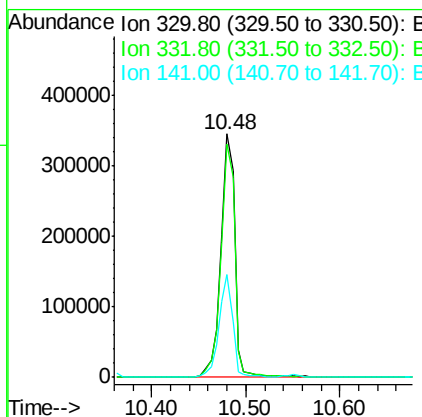
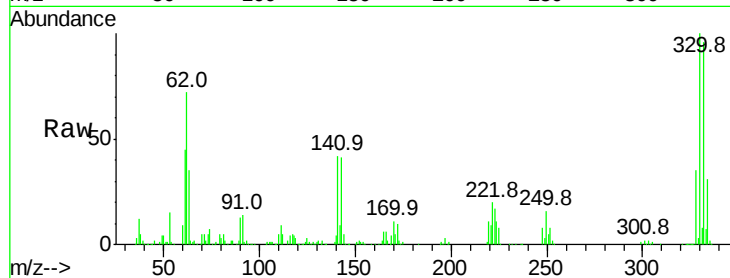




#41
 2,4,6-Tribromophenol
 Concen: 170.131 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF098483.D
 Acq: 13 Sep 2017 12:06

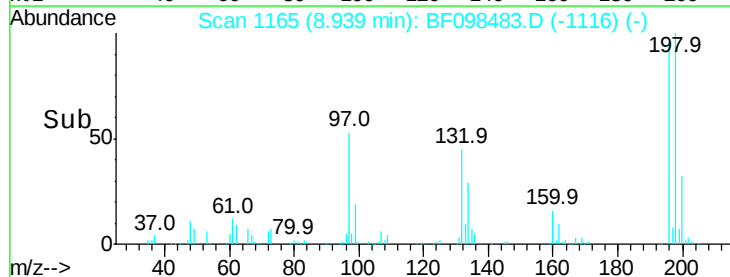
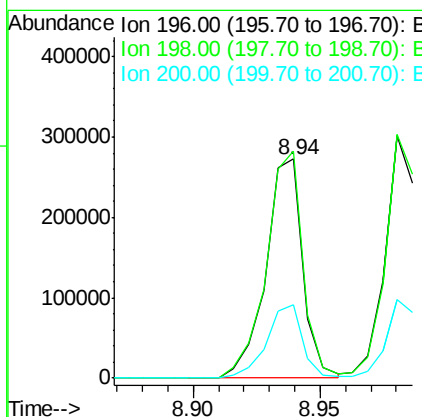
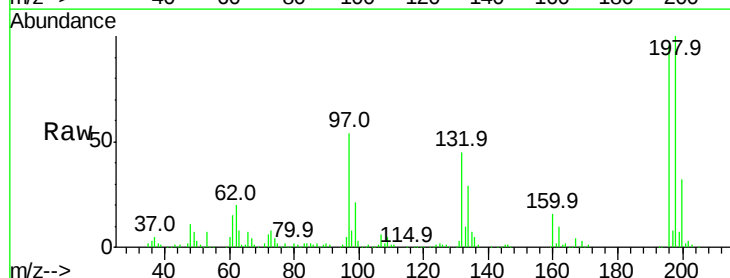
Instrument :
 BNA_F
 ClientSampleId :

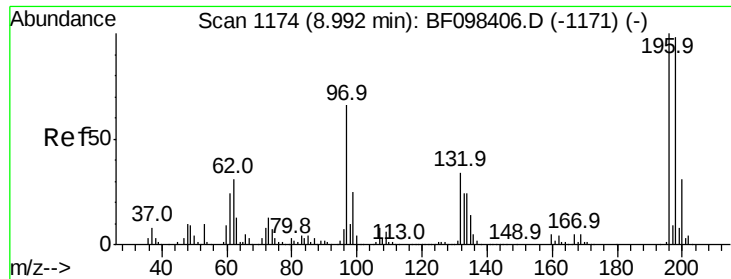
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.6	115.0
141	41.1	31.4	47.2



#42
 2,4,6-Trichlorophenol
 Concen: 47.573 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF098483.D
 Acq: 13 Sep 2017 12:06

Tgt Ion	Ratio	Lower	Upper
196	100		
198	103.8	74.2	111.4
200	33.3	24.0	36.0

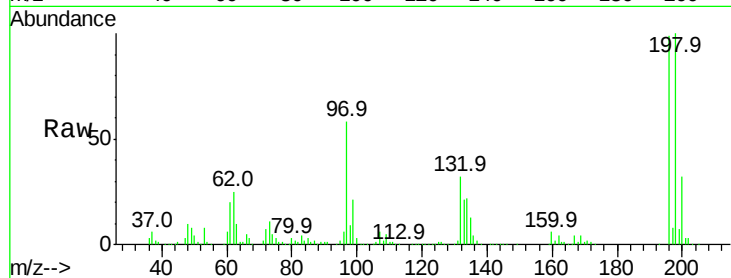




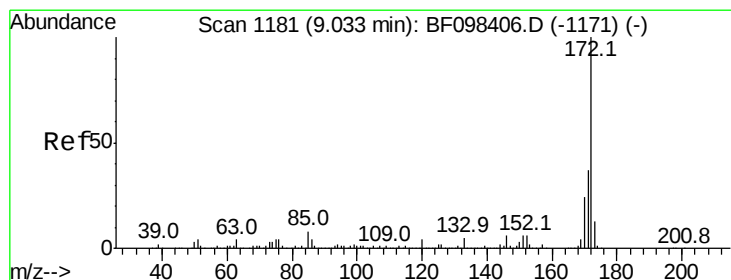
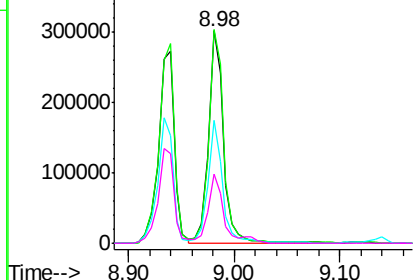
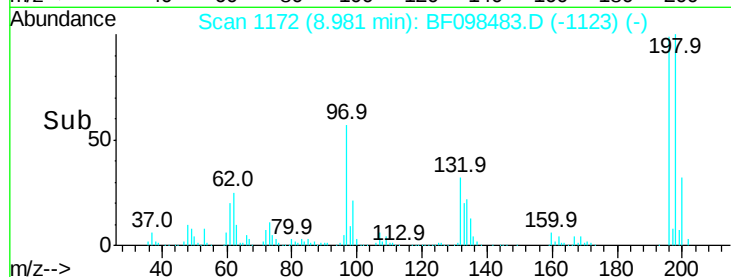
#43
 2,4,5-Trichlorophenol
 Concen: 48.633 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF098483.D
 Acq: 13 Sep 2017 12:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 298183
 Ion Ratio Lower Upper
 196 100
 198 100.6 75.7 113.5
 97 58.0 47.7 71.5
 132 32.6 28.0 42.0

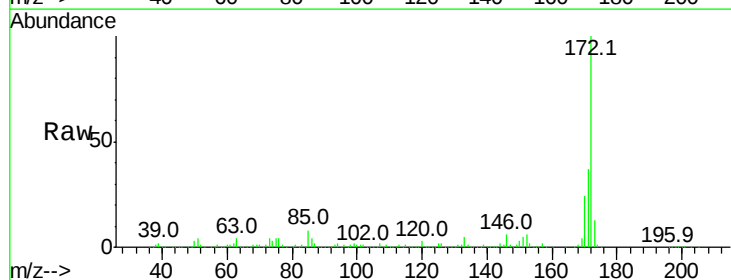


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

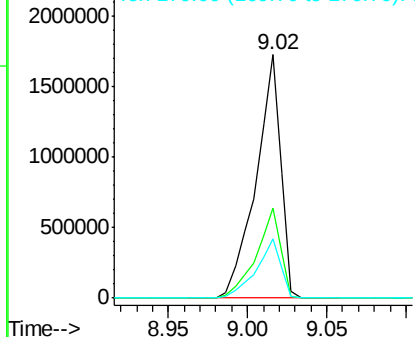
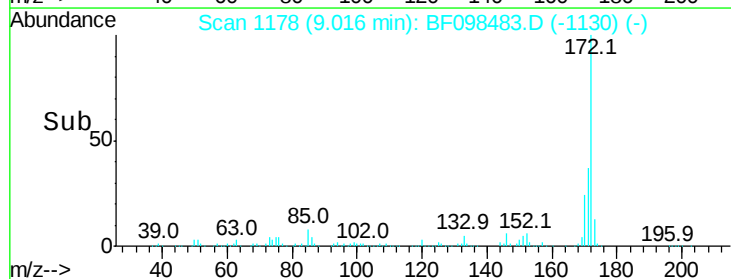


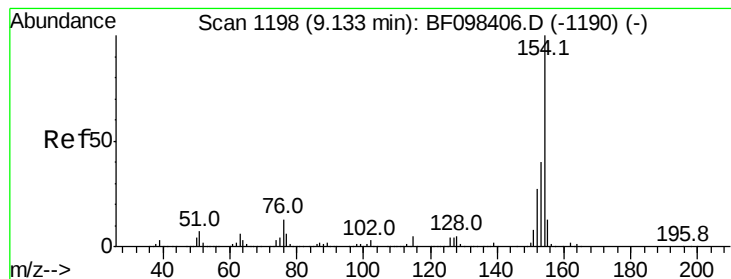
#44
 2-Fluorobiphenyl
 Concen: 99.806 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.02 min
 Lab File: BF098483.D
 Acq: 13 Sep 2017 12:06

Tgt Ion:172 Resp: 1887909
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.6 44.4
 170 24.3 19.8 29.8



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





#45

1,1'-Biphenyl

Concen: 41.911 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.02 min

Lab File: BF098483.D

Acq: 13 Sep 2017 12:06

Instrument :

BNA_F

ClientSampleId :

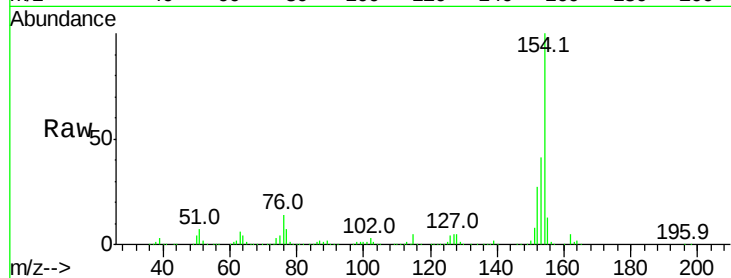
Tot Ion:154 Resp: 1202670

Ion Ratio Lower Upper

154 100

153 40.8 21.2 61.2

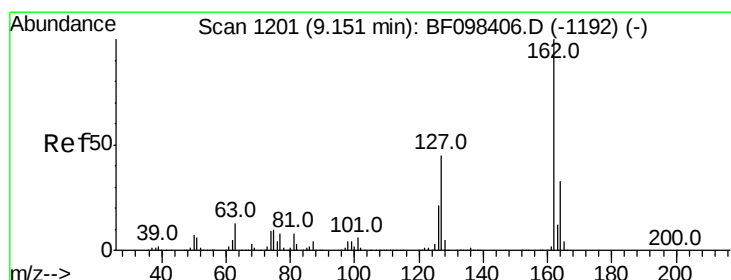
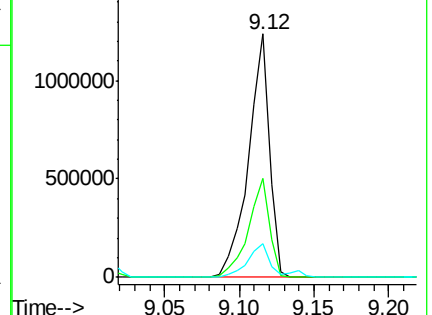
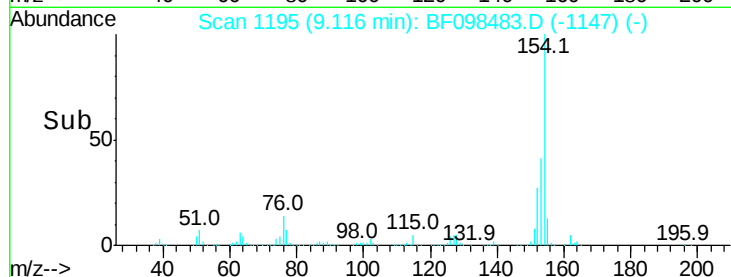
76 13.7 0.0 29.9



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): BF0



#46

2-Chloronaphthalene

Concen: 44.322 ng

RT: 9.14 min Scan# 1199

Delta R.T. -0.01 min

Lab File: BF098483.D

Acq: 13 Sep 2017 12:06

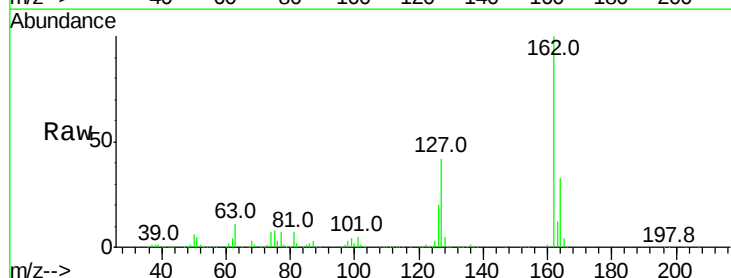
Tgt Ion:162 Resp: 908346

Ion Ratio Lower Upper

162 100

127 42.2 28.3 42.5

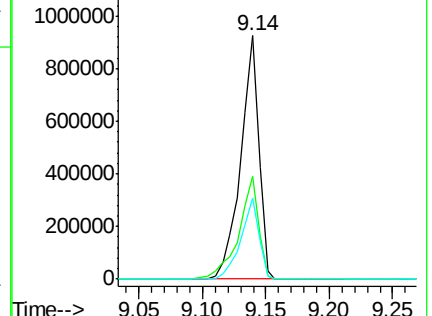
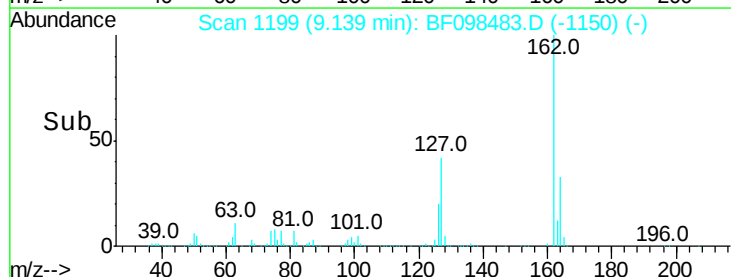
164 33.1 27.0 40.4

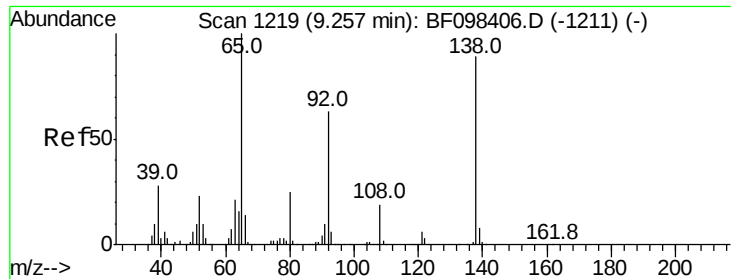


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

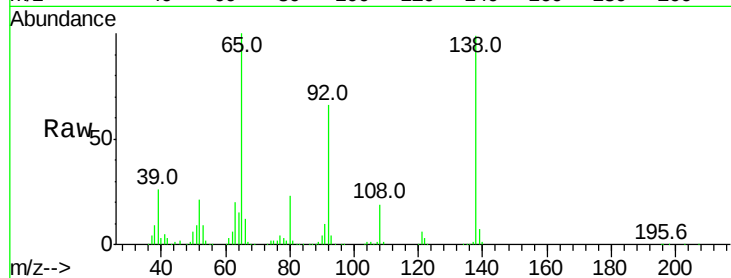




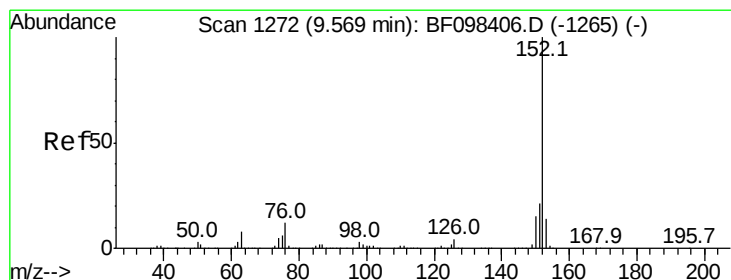
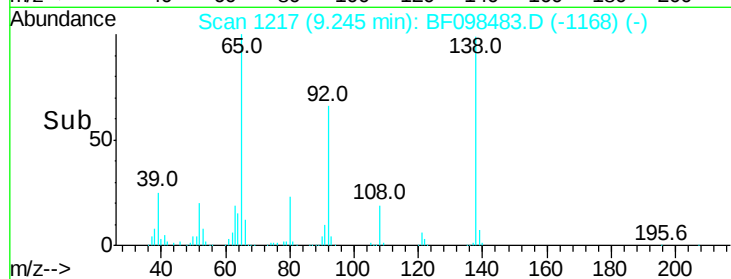
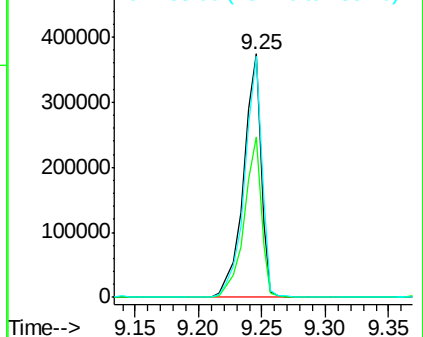
#47
2-Nitroaniline
Concen: 45.429 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF098483.D
Acq: 13 Sep 2017 12:06

Instrument :
BNA_F
ClientSampled :

Tot Ion: 65 Resp: 357340
Ion Ratio Lower Upper
65 100
92 65.9 53.9 80.9
138 99.0 78.8 118.2

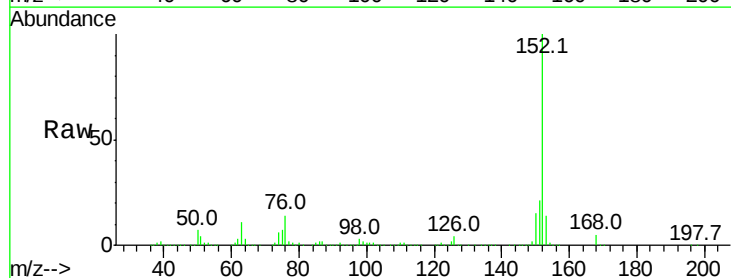


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

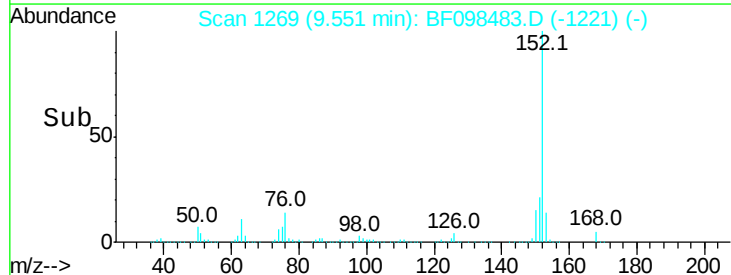
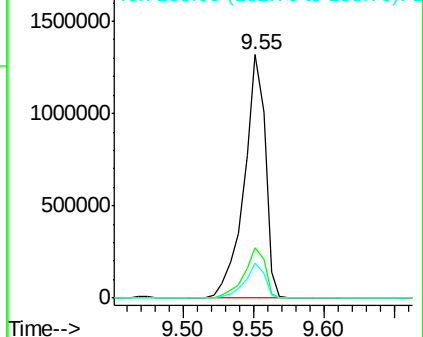


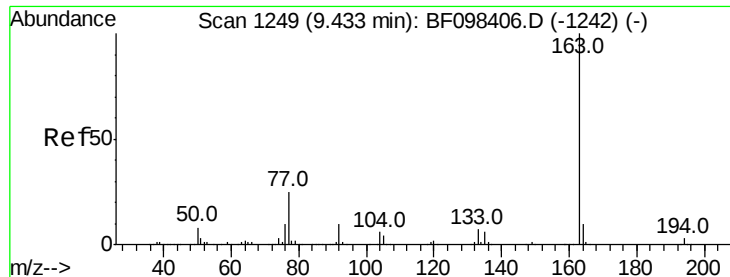
#48
Acenaphthylene
Concen: 45.012 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BF098483.D
Acq: 13 Sep 2017 12:06

Tgt Ion: 152 Resp: 1371581
Ion Ratio Lower Upper
152 100
151 20.8 16.8 25.2
153 14.4 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

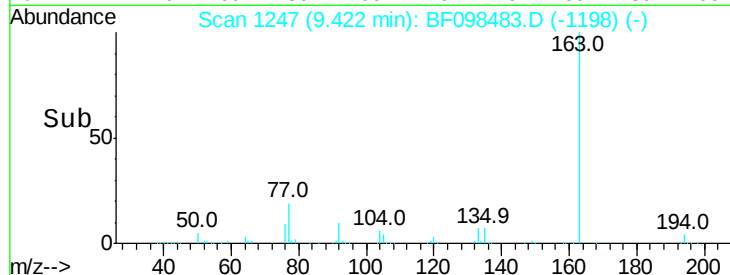
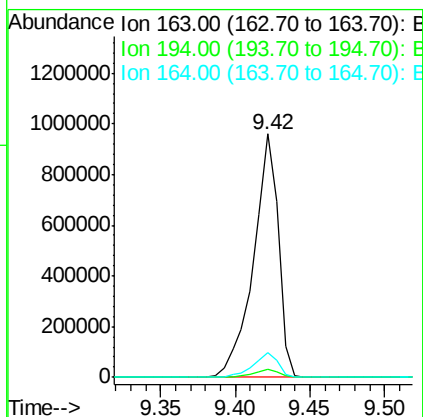
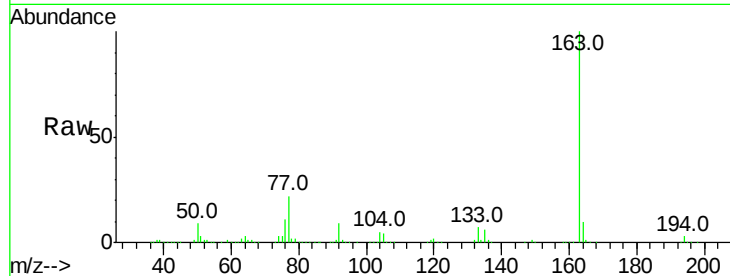




#49
Dimethylphthalate
Concen: 44.372 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BF098483.D
Acq: 13 Sep 2017 12:06

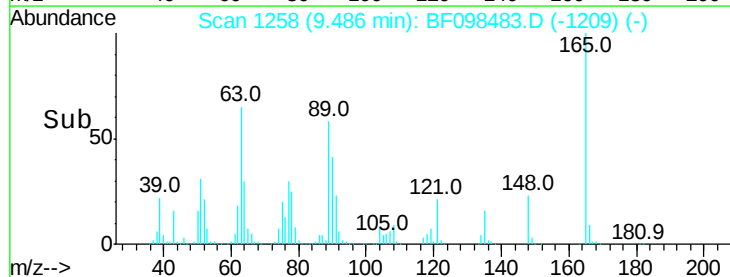
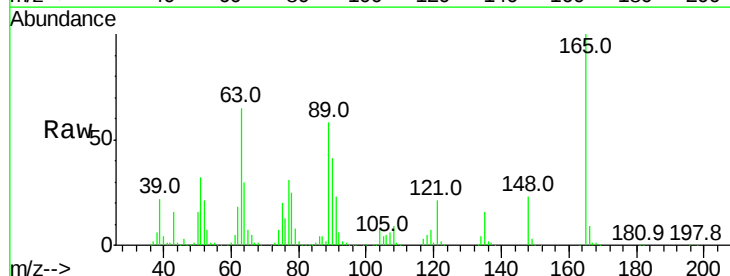
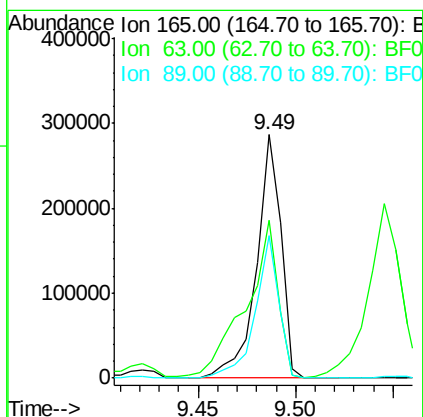
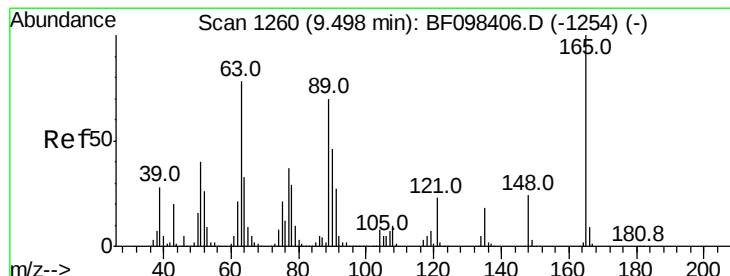
Instrument :
BNA_F
ClientSampleId :

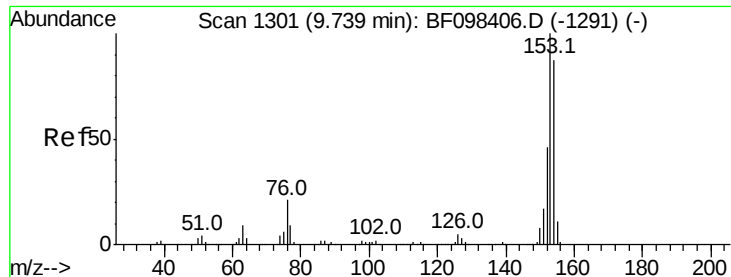
Tot Ion:163 Resp: 1101210
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.3 8.4 12.6



#50
2,6-Dinitrotoluene
Concen: 48.949 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF098483.D
Acq: 13 Sep 2017 12:06

Tgt Ion:165 Resp: 249530
Ion Ratio Lower Upper
165 100
63 64.8 34.3 51.5#
89 58.3 37.1 55.7#





#51

Acenaphthene

Concen: 44.837 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.02 min

Lab File: BF098483.D

Acq: 13 Sep 2017 12:06

Instrument :

BNA_F

ClientSampleId :

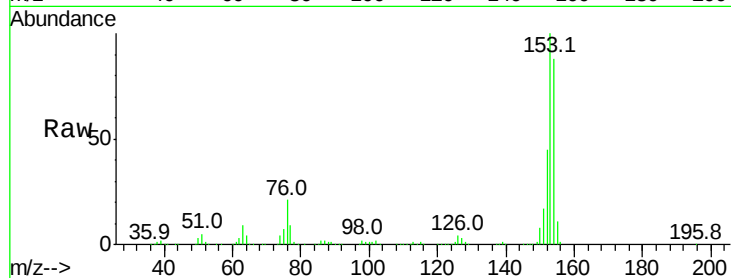
Tot Ion:154 Resp: 868481

Ion Ratio Lower Upper

154 100

153 113.3 90.5 135.7

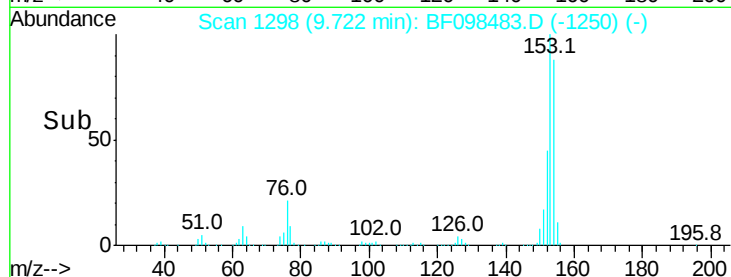
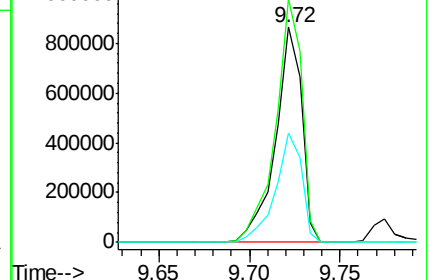
152 50.9 43.6 65.4



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



#52

3-Nitroaniline

Concen: 39.787 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF098483.D

Acq: 13 Sep 2017 12:06

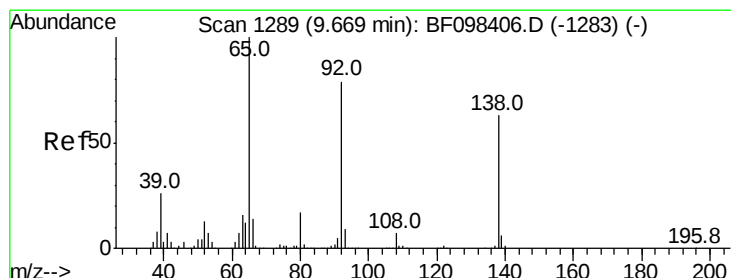
Tgt Ion:138 Resp: 244838

Ion Ratio Lower Upper

138 100

108 10.4 9.1 13.7

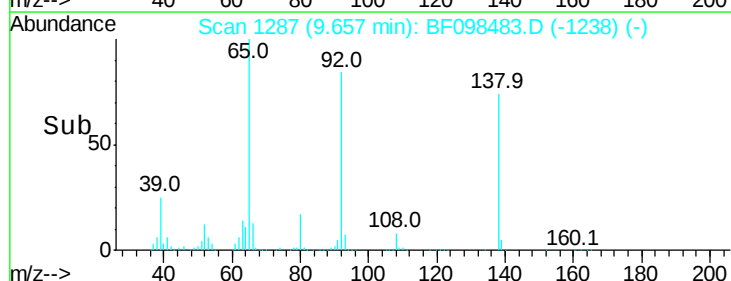
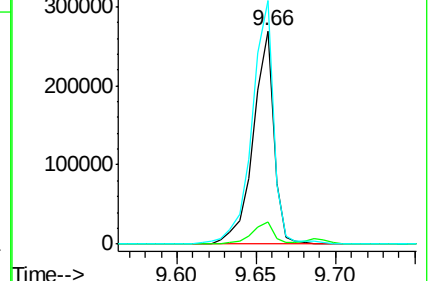
92 114.4 93.8 140.6

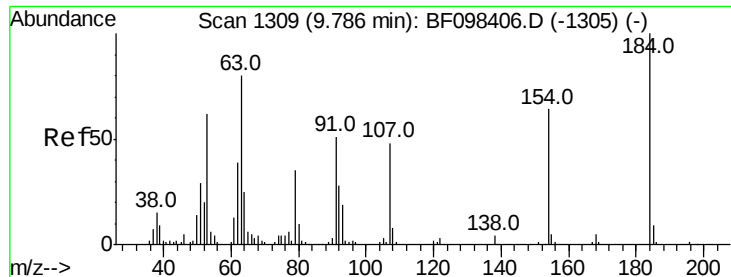


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

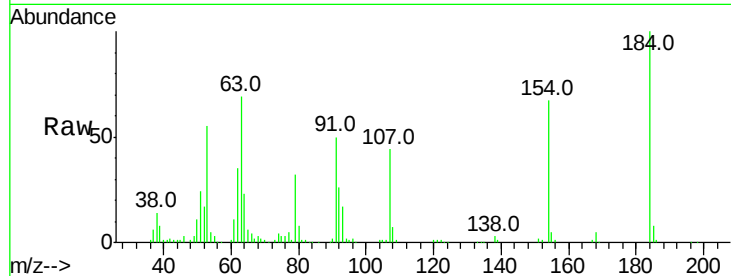




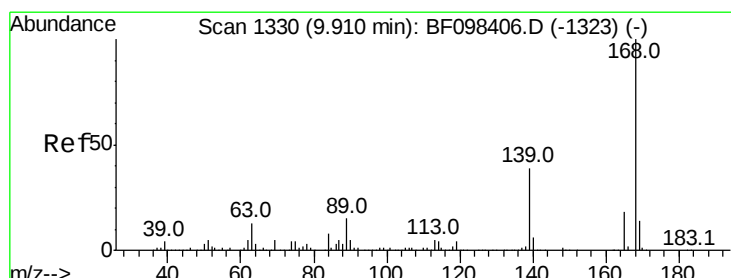
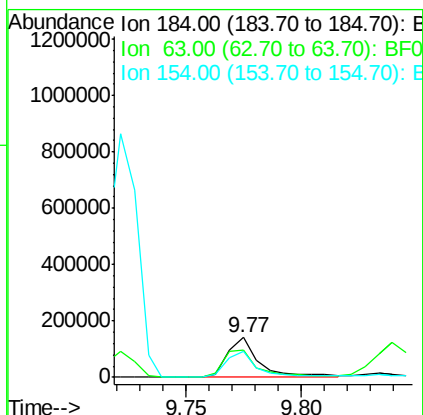
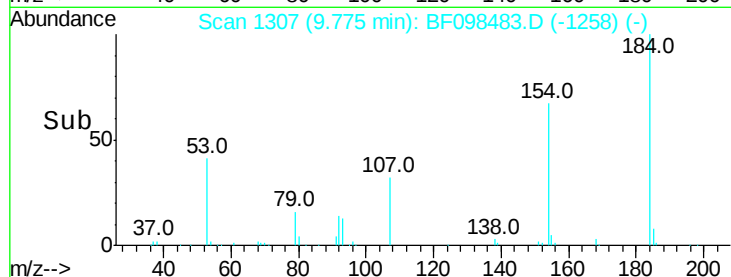
#53
2,4-Dinitrophenol
Concen: 58.986 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF098483.D
Acq: 13 Sep 2017 12:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 136100
Ion Ratio Lower Upper
184 100
63 69.3 62.7 94.1
154 66.9 81.1 121.7#

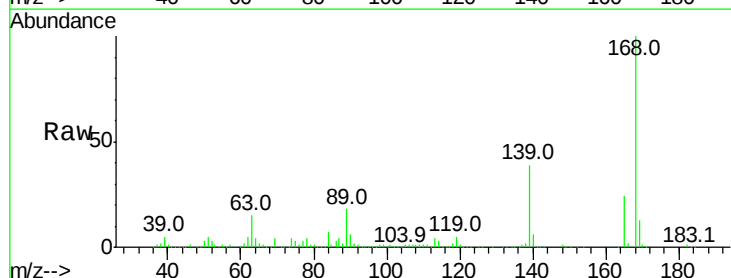


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

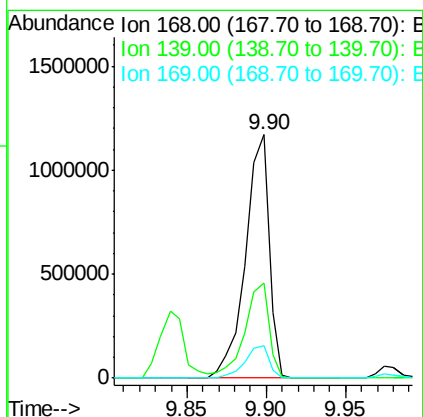
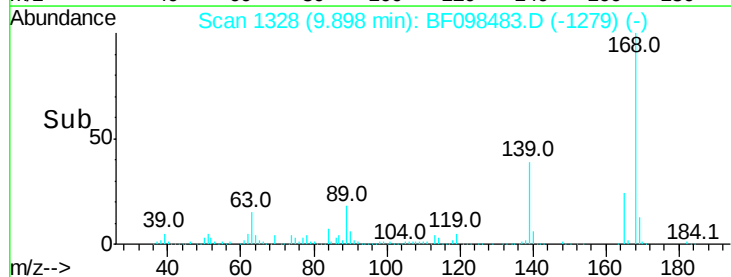


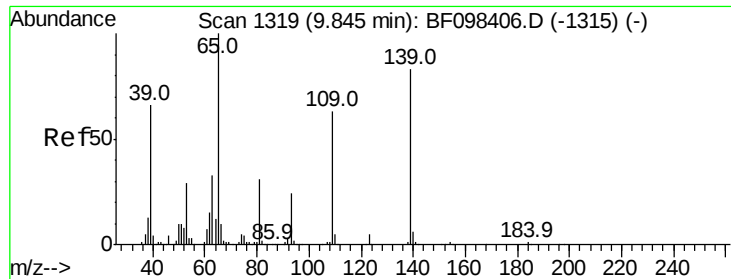
#54
Dibenzofuran
Concen: 47.531 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF098483.D
Acq: 13 Sep 2017 12:06

Tgt Ion:168 Resp: 1212882
Ion Ratio Lower Upper
168 100
139 39.2 30.6 45.8
169 13.1 10.8 16.2



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

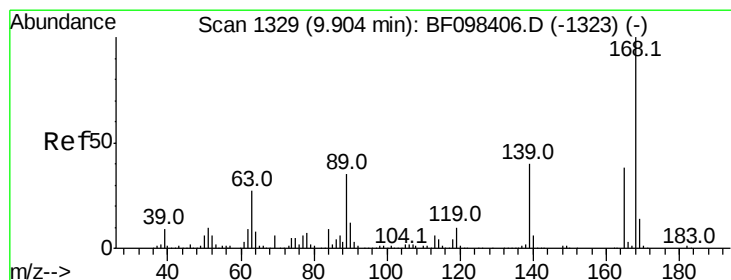
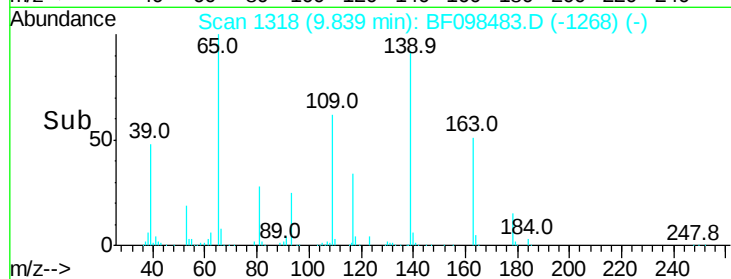
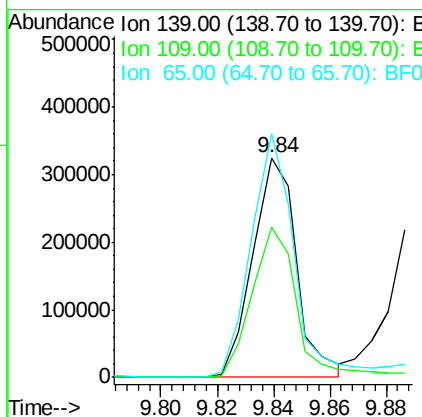
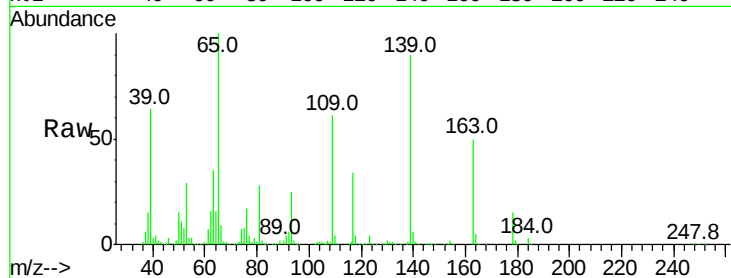




#55
4-Nitrophenol
Concen: 99.044 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF098483.D
Acq: 13 Sep 2017 12:06

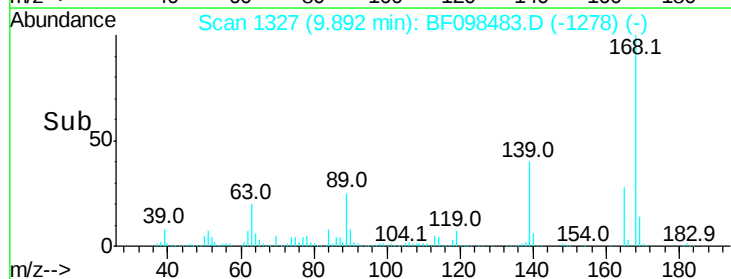
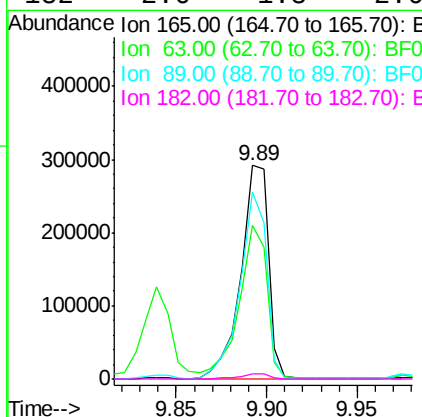
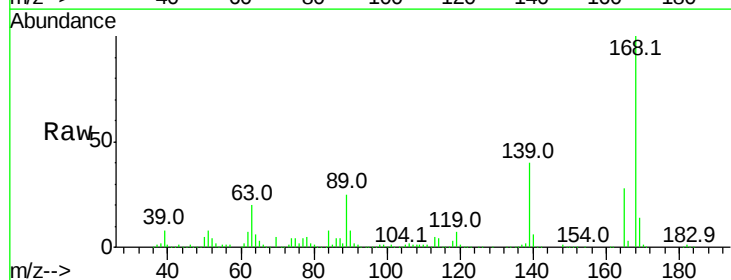
Instrument :
BNA_F
ClientSampled :

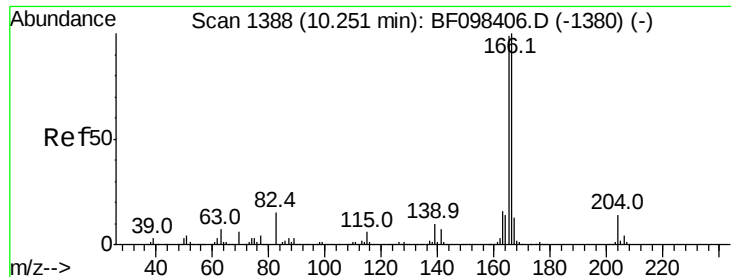
Tot Ion:139 Resp: 350170
Ion Ratio Lower Upper
139 100
109 68.1 34.1 74.1
65 110.8 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 50.090 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF098483.D
Acq: 13 Sep 2017 12:06

Tgt Ion:165 Resp: 310437
Ion Ratio Lower Upper
165 100
63 72.1 25.4 38.0#
89 87.4 46.4 69.6#
182 2.6 1.8 2.6

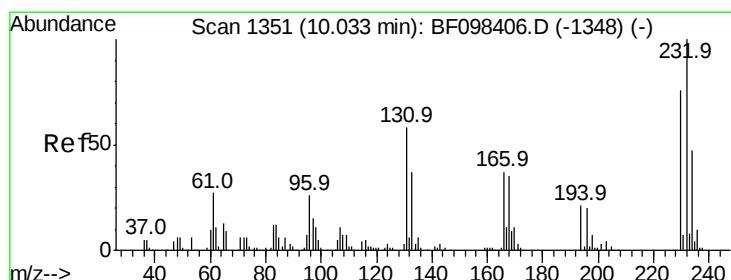
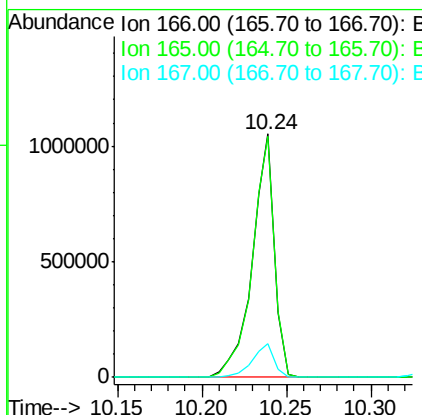
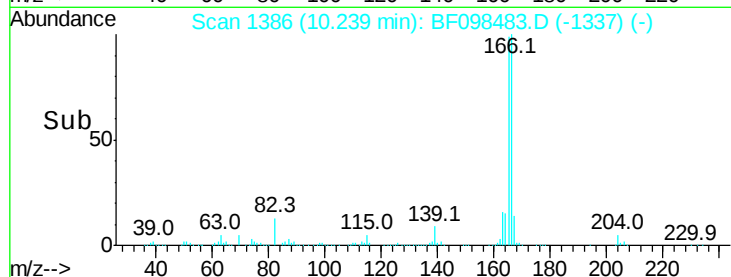
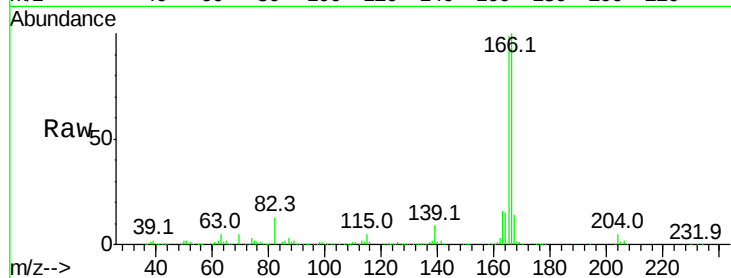




#57
 Fluorene
 Concen: 45.505 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. -0.01 min
 Lab File: BF098483.D
 Acq: 13 Sep 2017 12:06

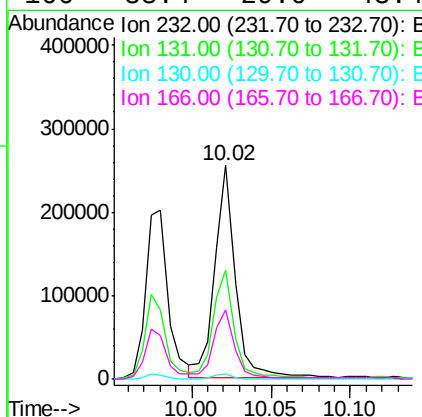
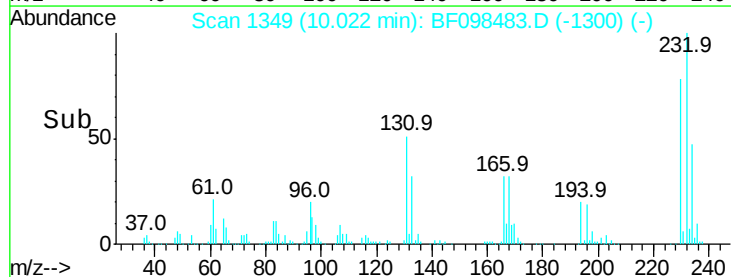
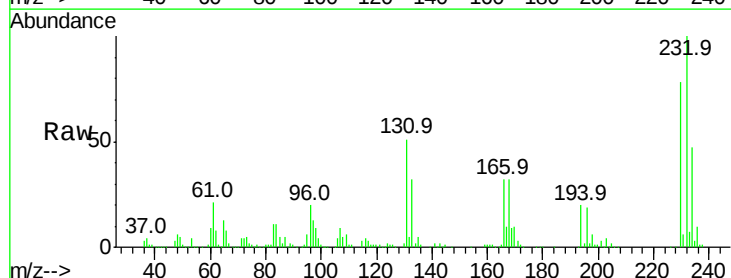
Instrument :
 BNA_F
 ClientSampleId :

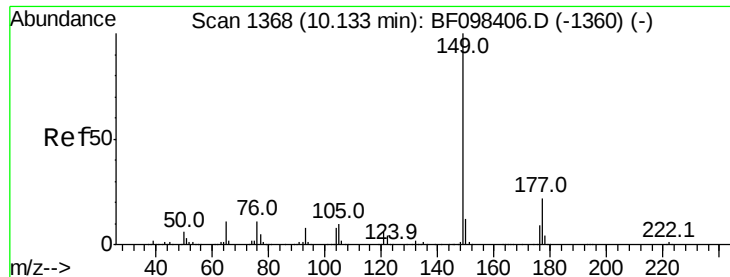
Tot Ion:166 Resp: 961104
 Ion Ratio Lower Upper
 166 100
 165 98.9 78.8 118.2
 167 13.7 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 56.200 ng
 RT: 10.02 min Scan# 1349
 Delta R.T. -0.01 min
 Lab File: BF098483.D
 Acq: 13 Sep 2017 12:06

Tgt Ion:232 Resp: 231573
 Ion Ratio Lower Upper
 232 100
 131 52.2 44.8 67.2
 130 2.6 2.3 3.5
 166 33.4 29.0 43.4

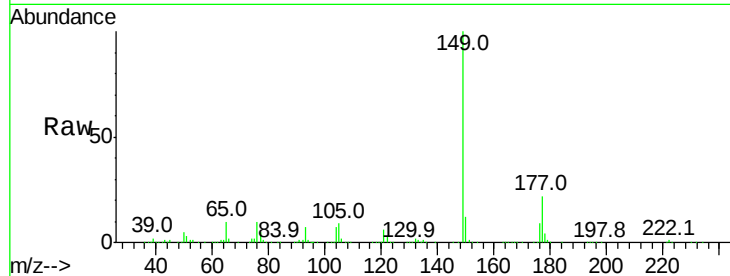




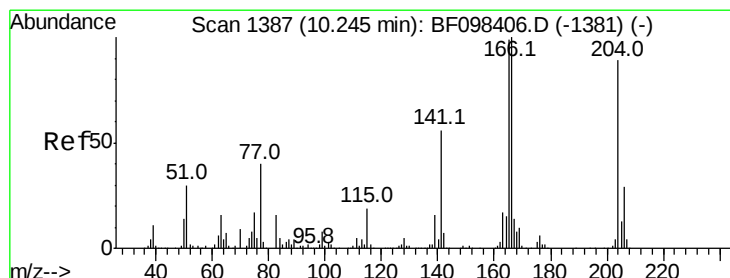
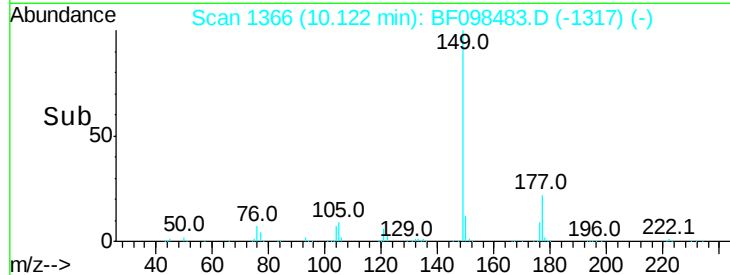
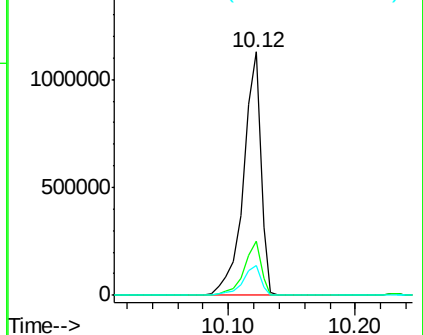
#59
Diethylphthalate
Concen: 45.032 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BF098483.D
Acq: 13 Sep 2017 12:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 1062846
Ion Ratio Lower Upper
149 100
177 22.3 16.7 25.1
150 12.2 10.2 15.2

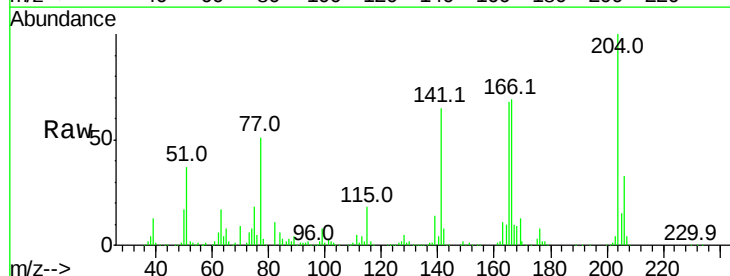


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

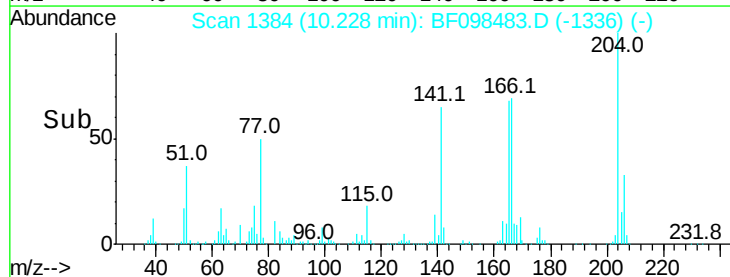
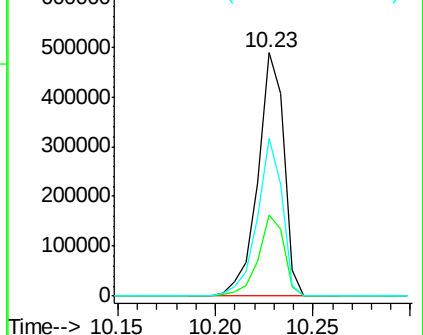


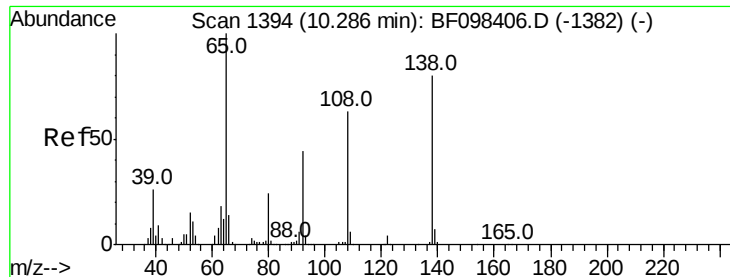
#60
4-Chlorophenyl-phenylether
Concen: 46.292 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.02 min
Lab File: BF098483.D
Acq: 13 Sep 2017 12:06

Tgt Ion:204 Resp: 451602
Ion Ratio Lower Upper
204 100
206 33.3 26.2 39.2
141 65.0 60.8 91.2



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

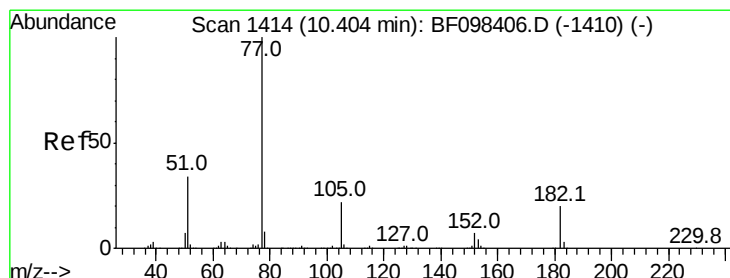
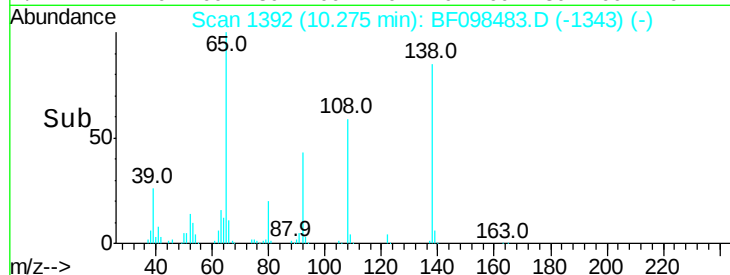
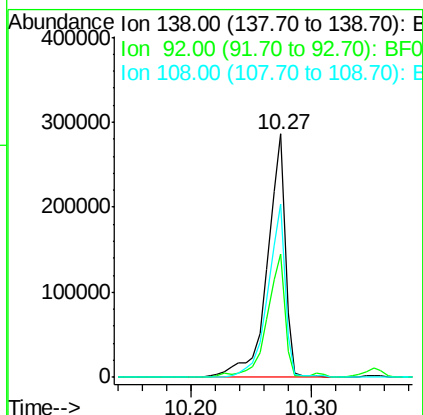
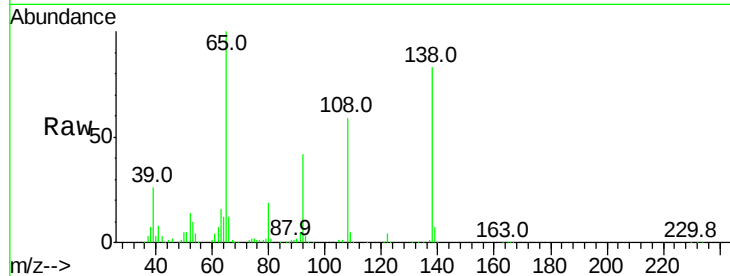




#61
4-Nitroaniline
Concen: 48.597 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.01 min
Lab File: BF098483.D
Acq: 13 Sep 2017 12:06

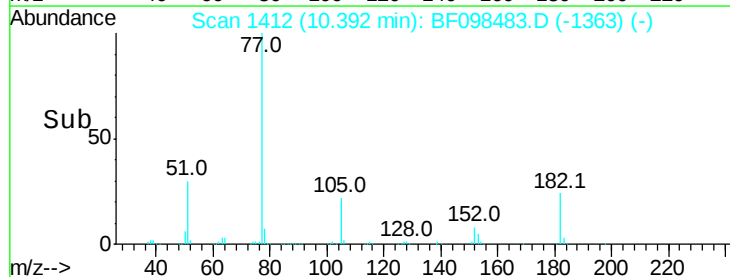
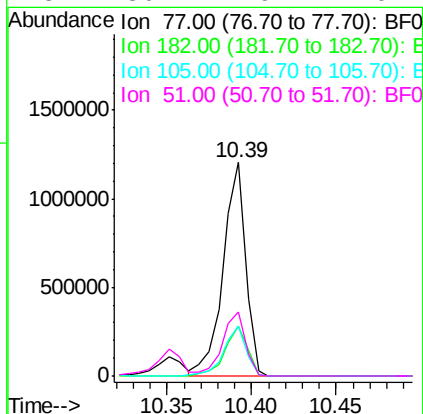
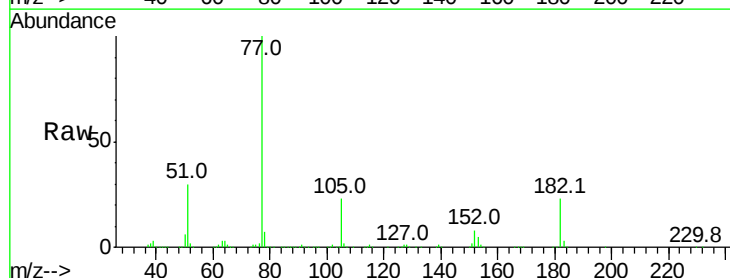
Instrument :
BNA_F
ClientSampled :

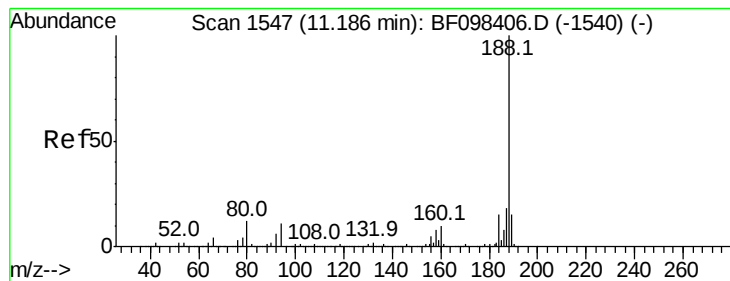
Tot Ion:138 Resp: 302014
Ion Ratio Lower Upper
138 100
92 50.9 21.8 61.8
108 70.9 42.3 82.3



#62
Azobenzene
Concen: 43.924 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF098483.D
Acq: 13 Sep 2017 12:06

Tgt Ion: 77 Resp: 1117332
Ion Ratio Lower Upper
77 100
182 23.4 0.1 40.1
105 23.4 3.6 43.6
51 30.2 9.4 49.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.17 min Scan# 1544

Delta R.T. -0.02 min

Lab File: BF098483.D

Acq: 13 Sep 2017 12:06

Instrument :

BNA_F

ClientSampled :

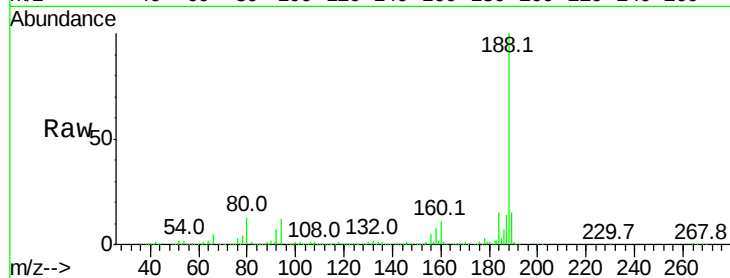
Tot Ion:188 Resp: 620283

Ion Ratio Lower Upper

188 100

94 12.3 9.4 14.2

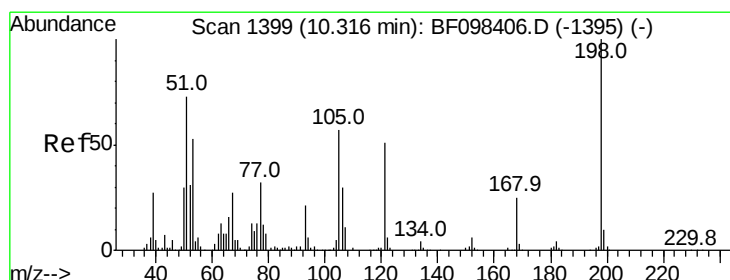
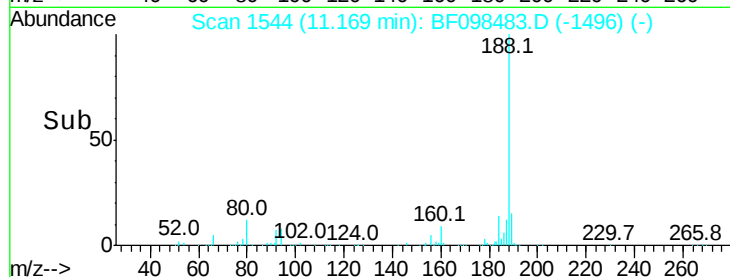
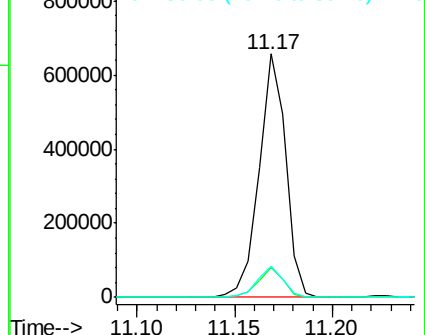
80 12.9 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 37.748 ng

RT: 10.30 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BF098483.D

Acq: 13 Sep 2017 12:06

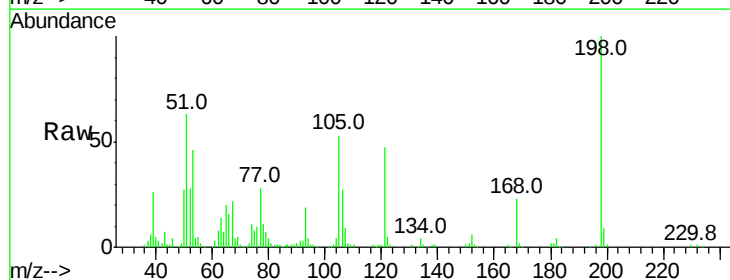
Tgt Ion:198 Resp: 139113

Ion Ratio Lower Upper

198 100

51 62.7 53.2 93.2

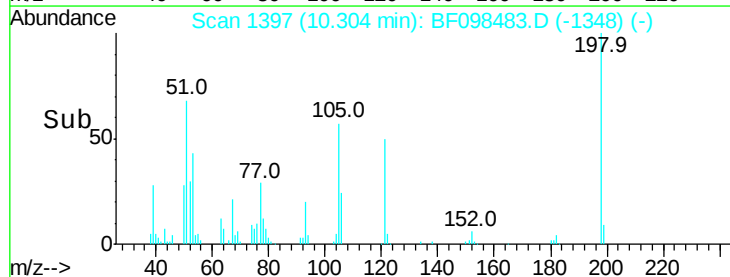
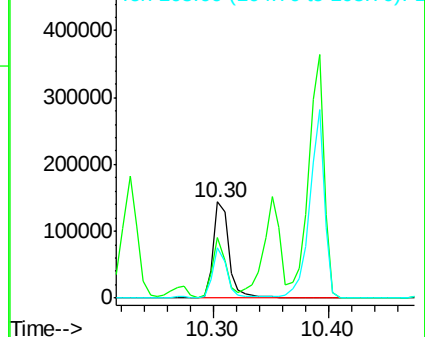
105 53.0 45.8 85.8

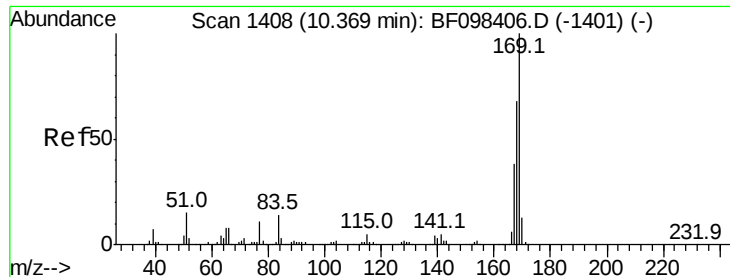


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 44.771 ng

RT: 10.35 min Scan# 1405

Delta R.T. -0.02 min

Lab File: BF098483.D

Acq: 13 Sep 2017 12:06

Instrument :

BNA_F

ClientSampleId :

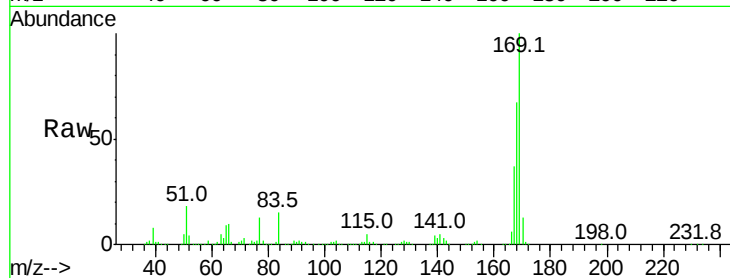
Tot Ion:169 Resp: 901737

Ion Ratio Lower Upper

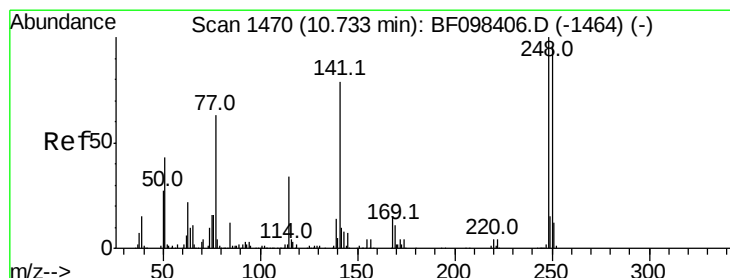
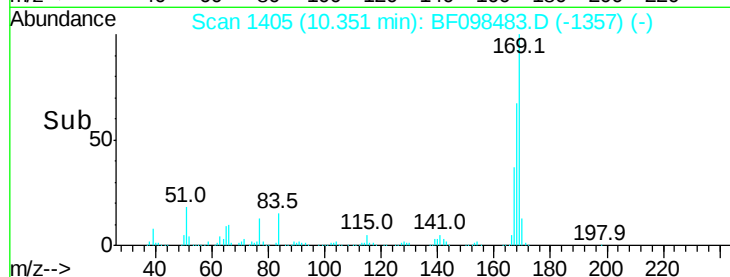
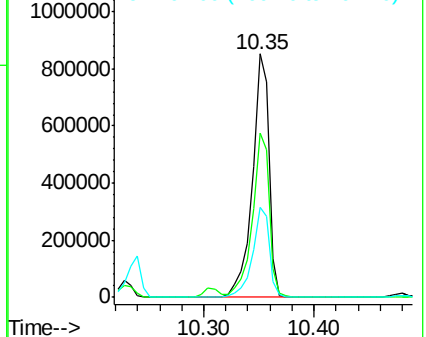
169 100

168 67.4 53.2 79.8

167 37.0 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 47.081 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.02 min

Lab File: BF098483.D

Acq: 13 Sep 2017 12:06

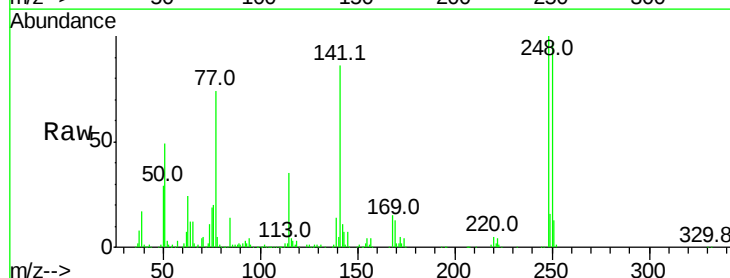
Tgt Ion:248 Resp: 277168

Ion Ratio Lower Upper

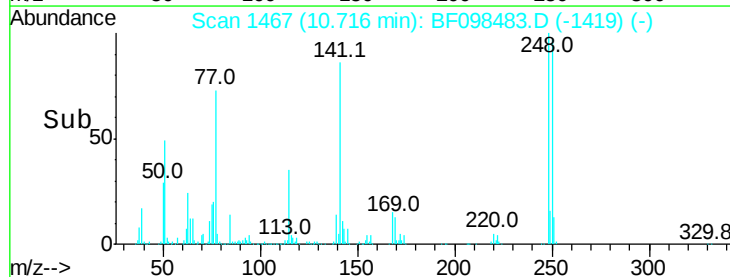
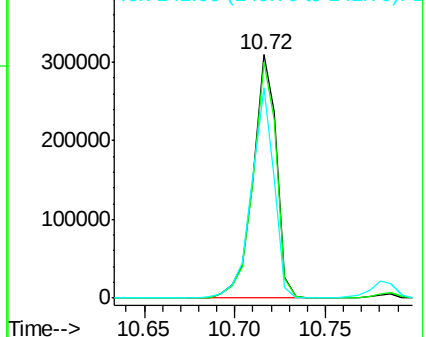
248 100

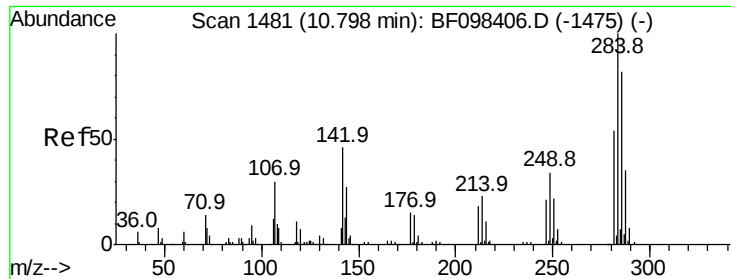
250 97.1 76.8 115.2

141 86.4 68.6 103.0



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

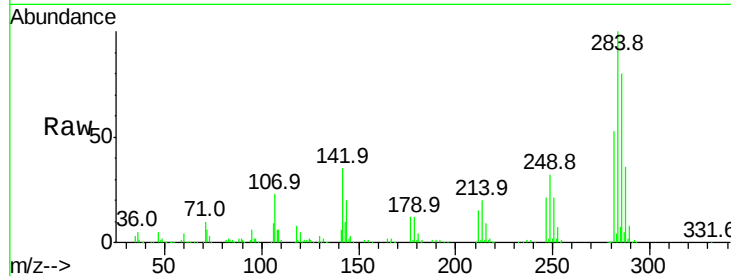




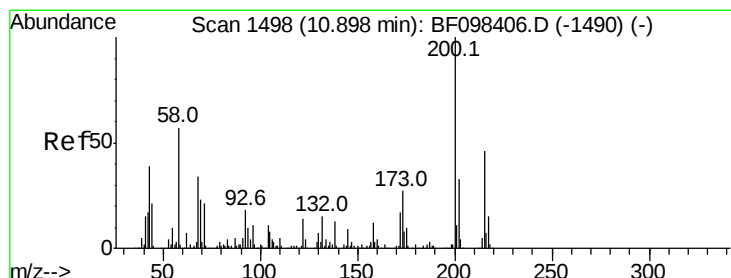
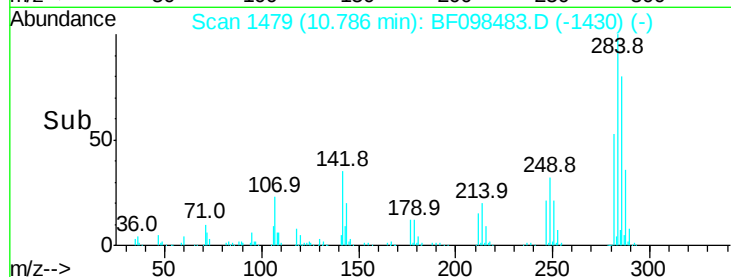
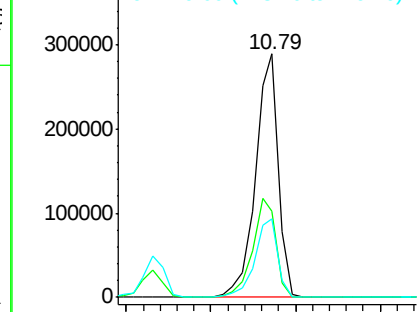
#67
Hexachlorobenzene
Concen: 45.757 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BF098483.D
Acq: 13 Sep 2017 12:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	35.2	22.8	34.2#
249	32.3	24.0	36.0

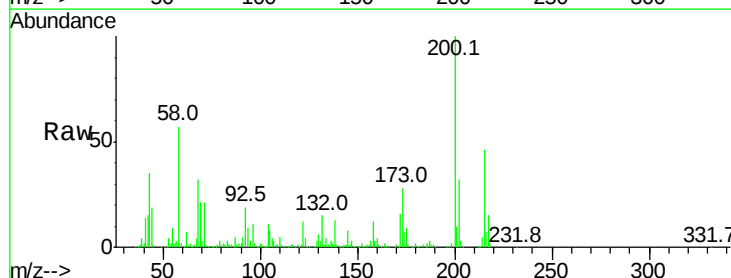


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

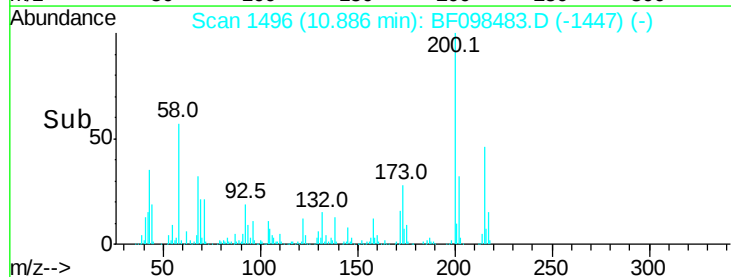
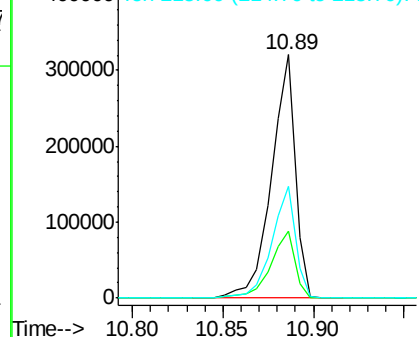


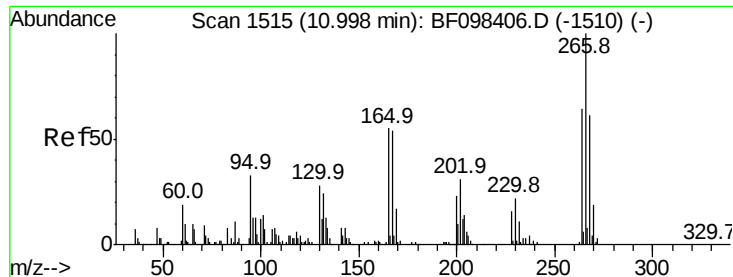
#68
Atrazine
Concen: 47.252 ng
RT: 10.89 min Scan# 1496
Delta R.T. -0.01 min
Lab File: BF098483.D
Acq: 13 Sep 2017 12:06

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.6	6.3	46.3
215	46.1	27.2	67.2



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

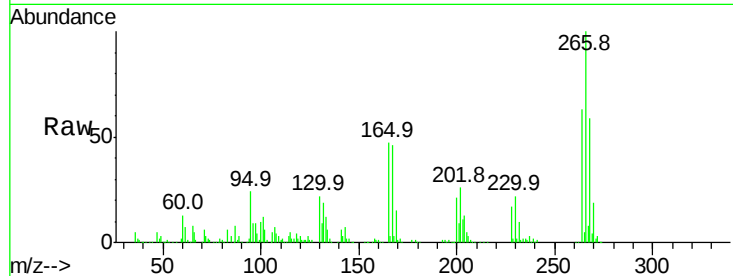




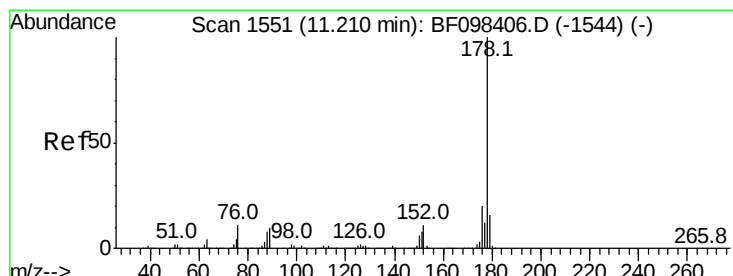
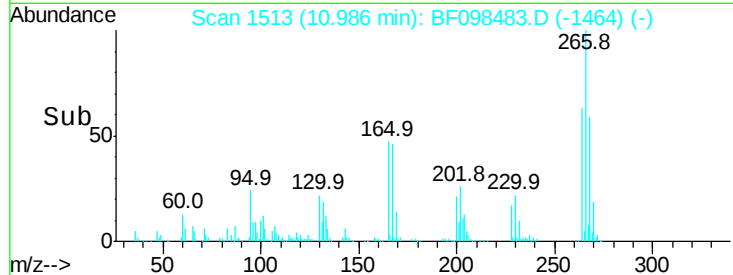
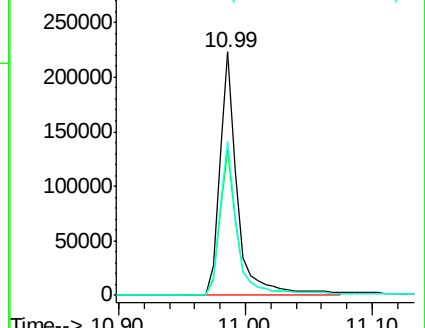
#69
 Pentachlorophenol
 Concen: 83.190 ng
 RT: 10.99 min Scan# 1513
 Delta R.T. -0.01 min
 Lab File: BF098483.D
 Acq: 13 Sep 2017 12:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	59.4	51.1	76.7
264	63.0	51.7	77.5

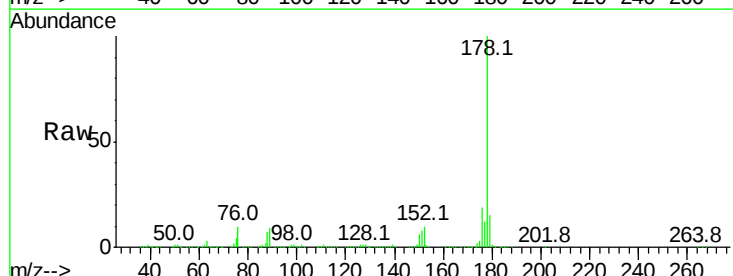


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

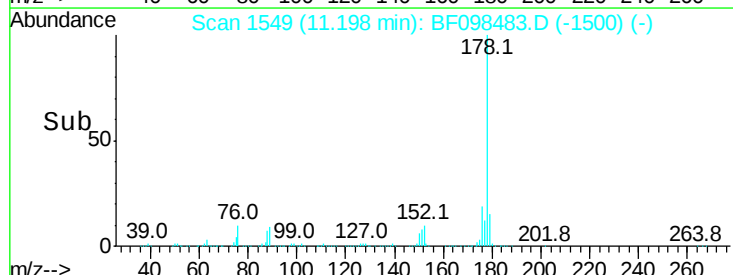
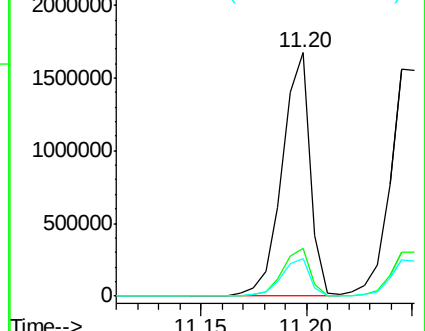


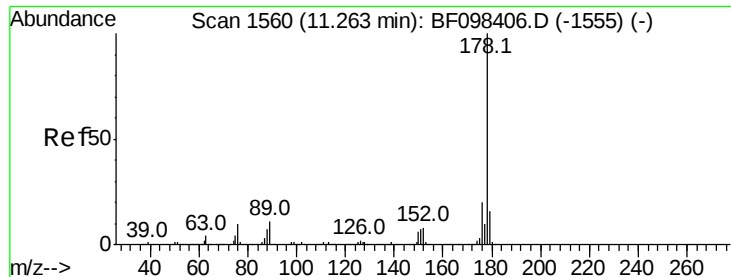
#70
 Phenanthrene
 Concen: 47.105 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BF098483.D
 Acq: 13 Sep 2017 12:06

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.2	24.4
179	15.4	12.6	19.0



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

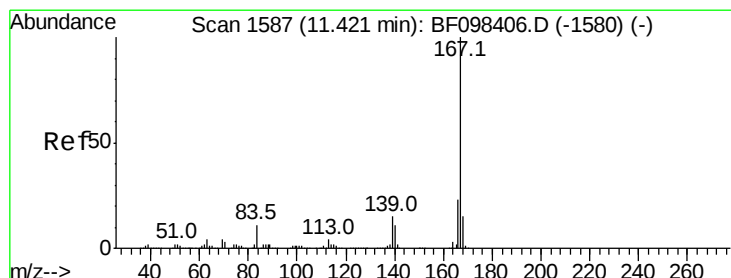
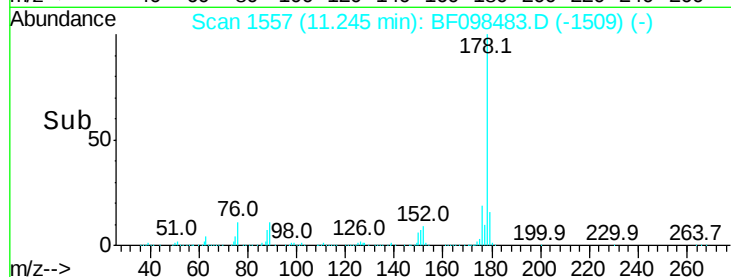
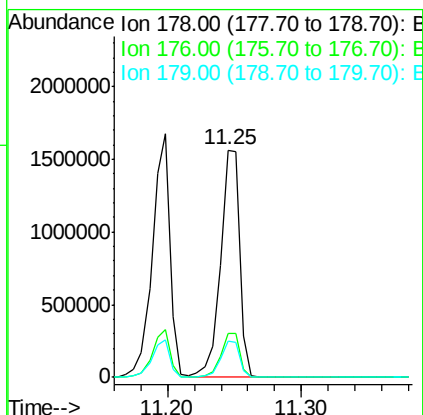
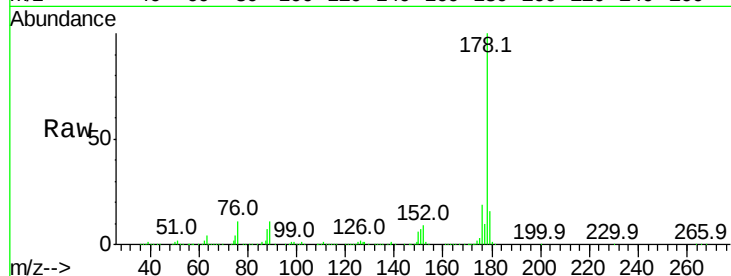




#71
 Anthracene
 Concen: 47.127 ng
 RT: 11.25 min Scan# 1557
 Delta R.T. -0.02 min
 Lab File: BF098483.D
 Acq: 13 Sep 2017 12:06

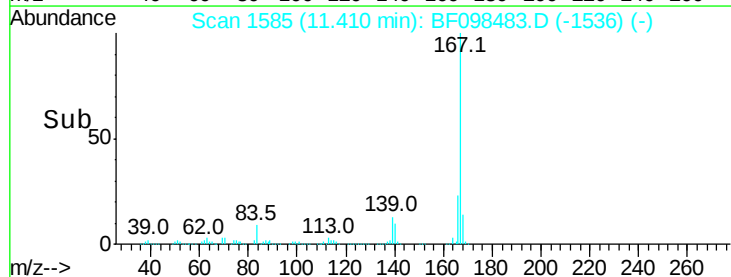
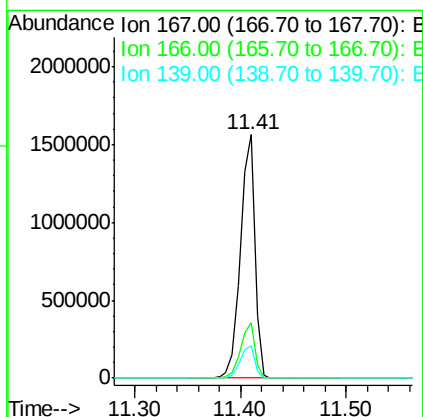
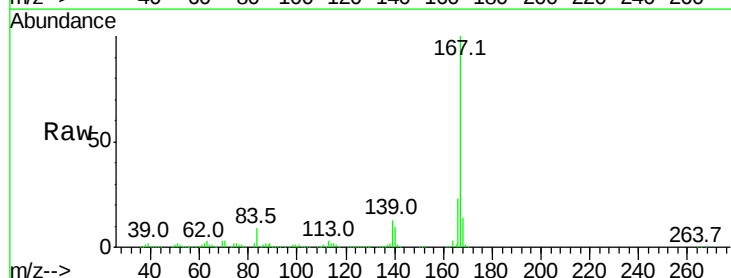
Instrument :
 BNA_F
 ClientSampleId :

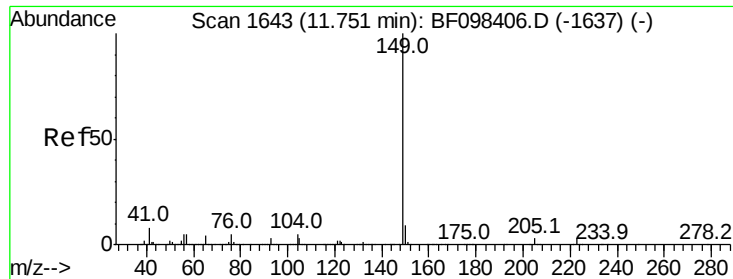
Tot Ion:178 Resp: 1591048
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.8 23.8
 179 16.2 12.7 19.1



#72
 Carbazole
 Concen: 46.208 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: BF098483.D
 Acq: 13 Sep 2017 12:06

Tgt Ion:167 Resp: 1453896
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.1 27.1
 139 13.2 11.7 17.5





#73

Di-n-butylphthalate

Concen: 44.838 ng

RT: 11.74 min Scan# 1641

Delta R.T. -0.01 min

Lab File: BF098483.D

Acq: 13 Sep 2017 12:06

Instrument :

BNA_F

ClientSampleId :

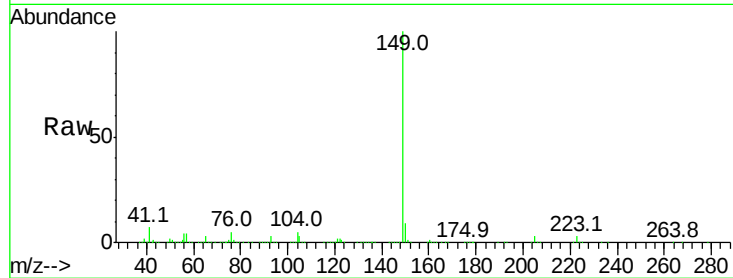
Tot Ion:149 Resp: 1690345

Ion Ratio Lower Upper

149 100

150 9.3 7.7 11.5

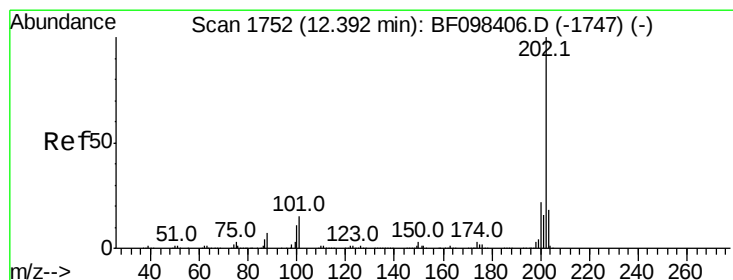
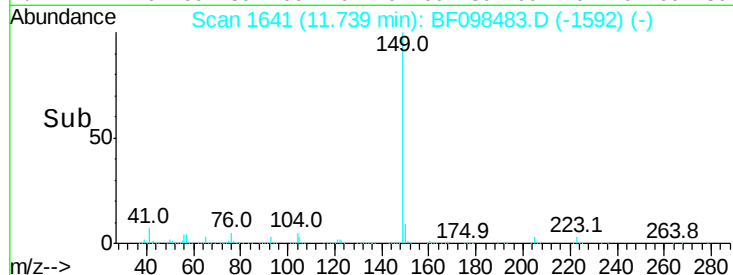
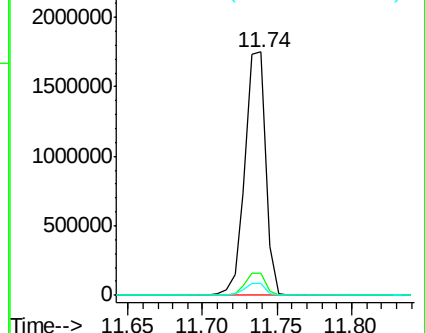
104 4.9 4.0 6.0



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



#74

Fluoranthene

Concen: 49.883 ng

RT: 12.38 min Scan# 1750

Delta R.T. -0.01 min

Lab File: BF098483.D

Acq: 13 Sep 2017 12:06

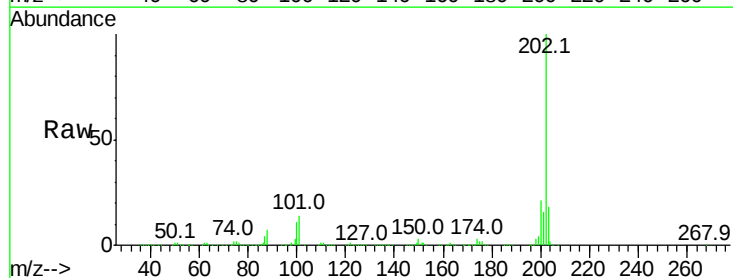
Tgt Ion:202 Resp: 1642074

Ion Ratio Lower Upper

202 100

101 13.9 0.0 33.2

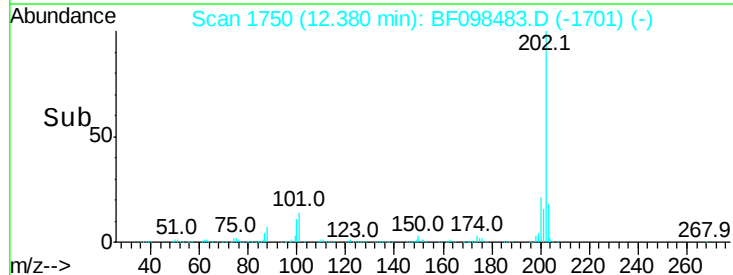
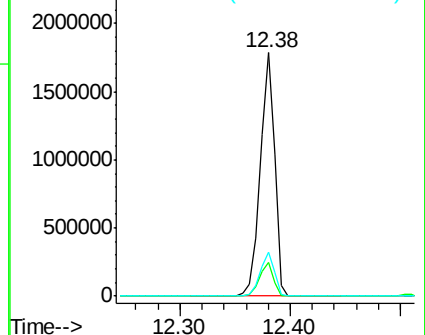
203 18.0 0.0 38.1

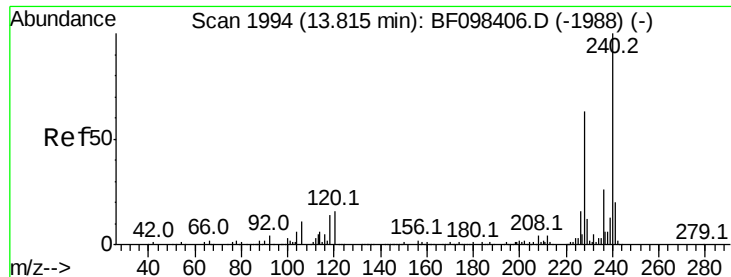


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.80 min Scan# 1992

Delta R.T. -0.01 min

Lab File: BF098483.D

Acq: 13 Sep 2017 12:06

Instrument :

BNA_F

ClientSampleId :

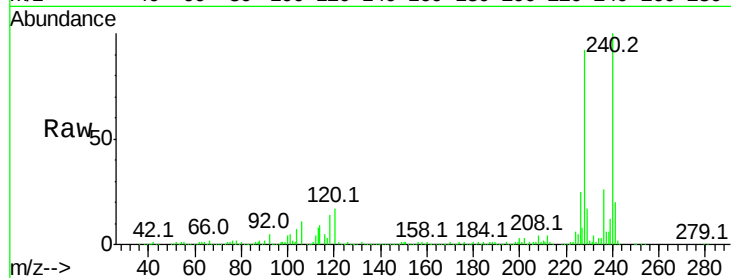
Tot Ion:240 Resp: 494289

Ion Ratio Lower Upper

240 100

120 16.8 5.8 8.8#

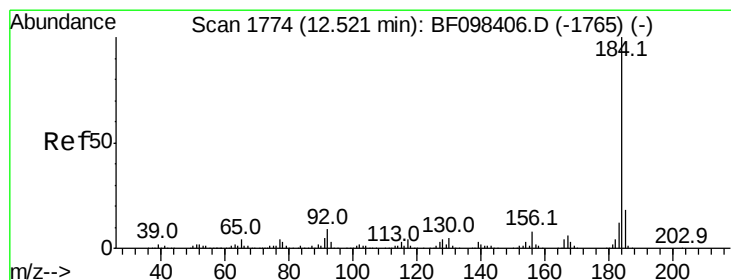
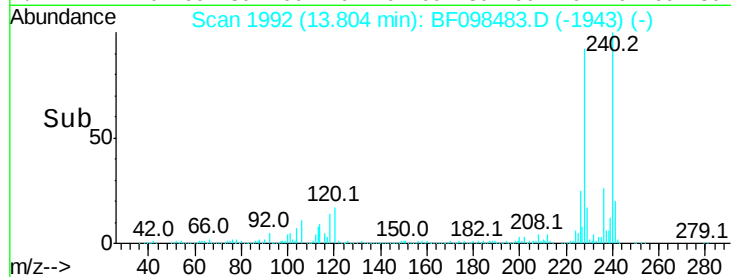
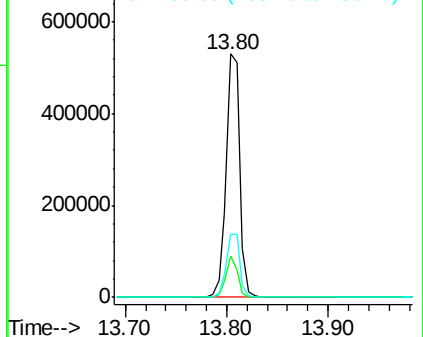
236 26.1 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 50.711 ng

RT: 12.51 min Scan# 1772

Delta R.T. -0.01 min

Lab File: BF098483.D

Acq: 13 Sep 2017 12:06

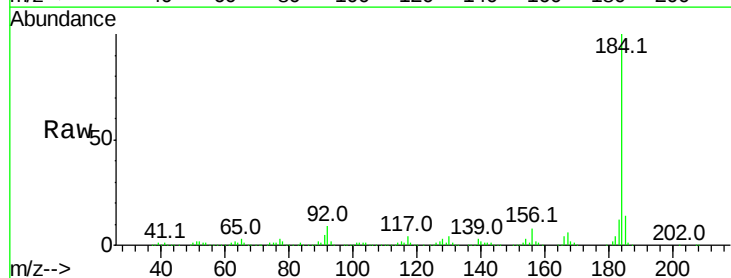
Tgt Ion:184 Resp: 1109341

Ion Ratio Lower Upper

184 100

185 14.2 15.5 23.3#

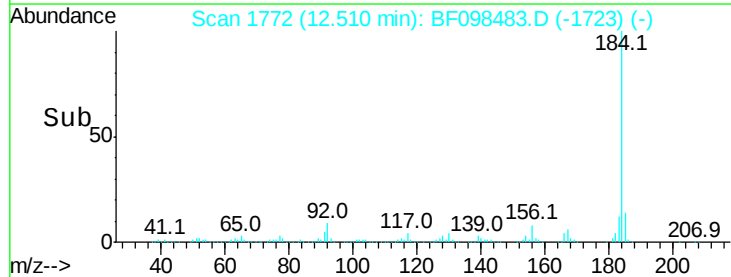
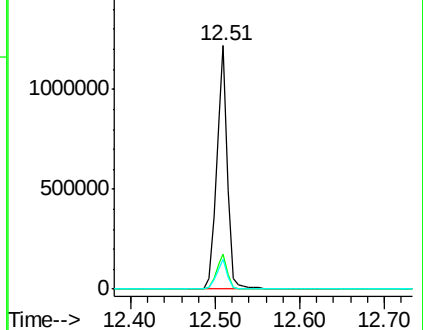
183 12.2 9.8 14.6

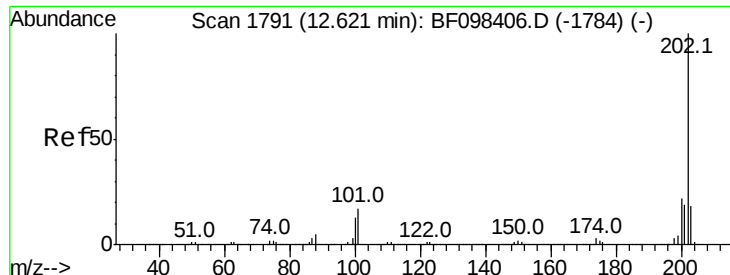


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

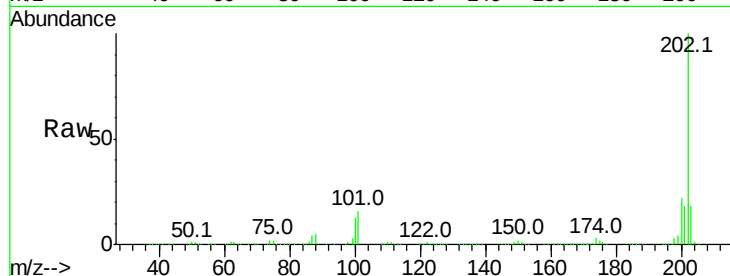




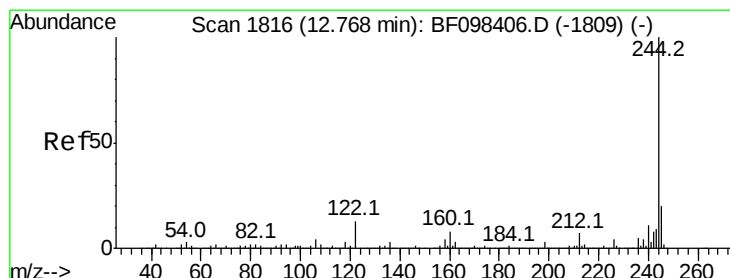
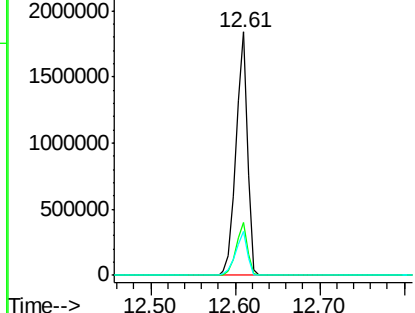
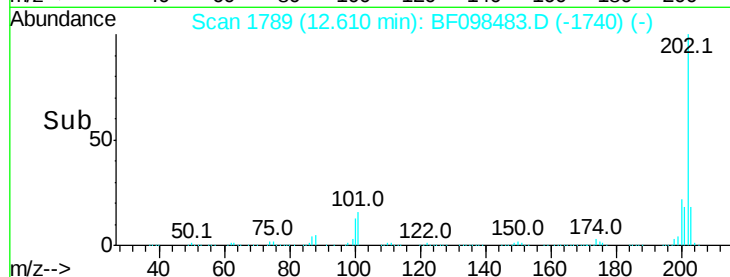
#77
Pvrene
Concen: 43.193 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.01 min
Lab File: BF098483.D
Acq: 13 Sep 2017 12:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1684228
Ion Ratio Lower Upper
202 100
200 21.9 17.6 26.4
203 18.1 14.4 21.6

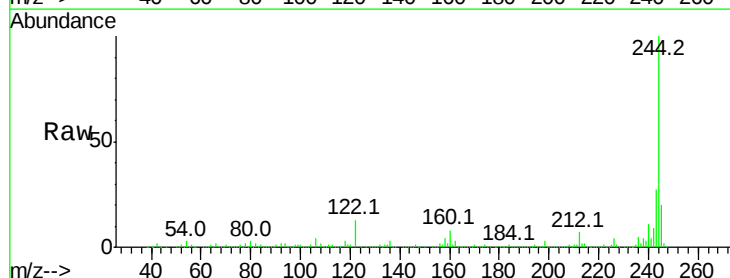


Abundance Ion 202.00 (201.70 to 202.70): E
2500000
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

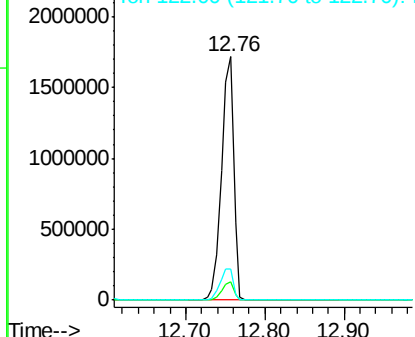
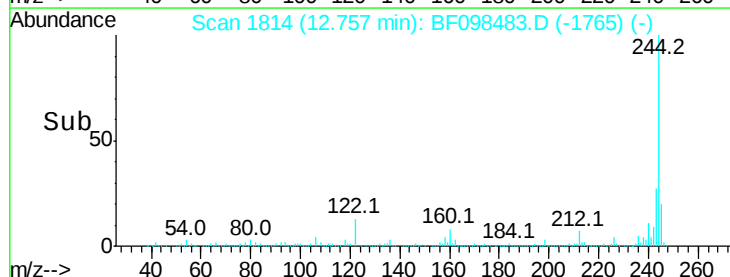


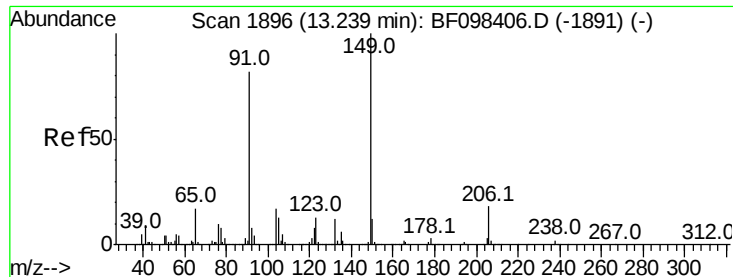
#78
Terphenyl-d14
Concen: 79.739 ng
RT: 12.76 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BF098483.D
Acq: 13 Sep 2017 12:06

Tgt Ion:244 Resp: 1826030
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 12.7 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E
2000000
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

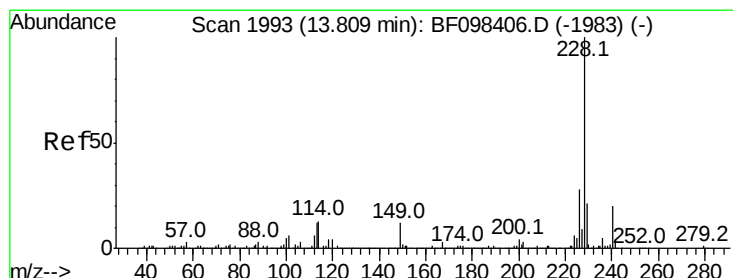
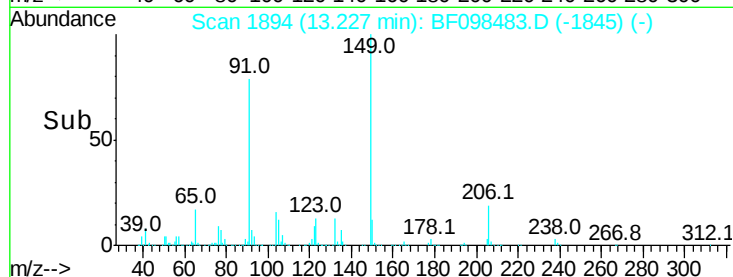
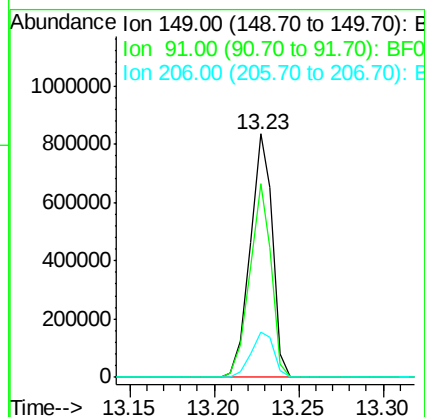
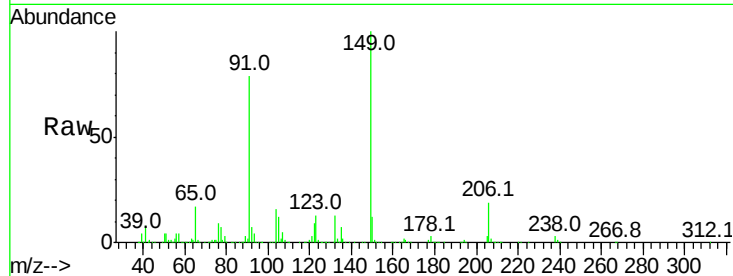




#79
Butylbenzylphthalate
Concen: 45.550 ng
RT: 13.23 min Scan# 1894
Delta R.T. -0.01 min
Lab File: BF098483.D
Acq: 13 Sep 2017 12:06

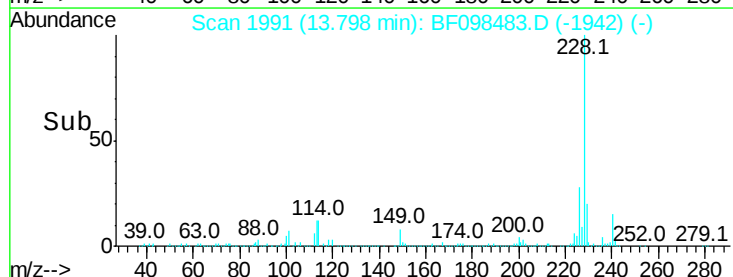
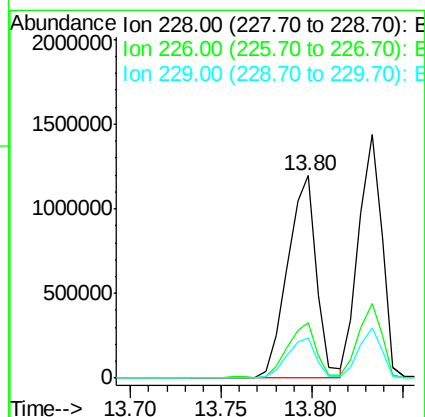
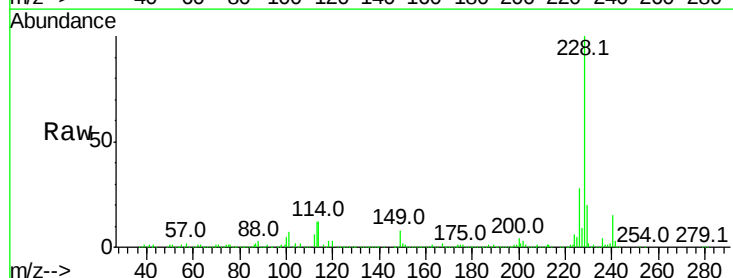
Instrument :
BNA_F
ClientSampleId :

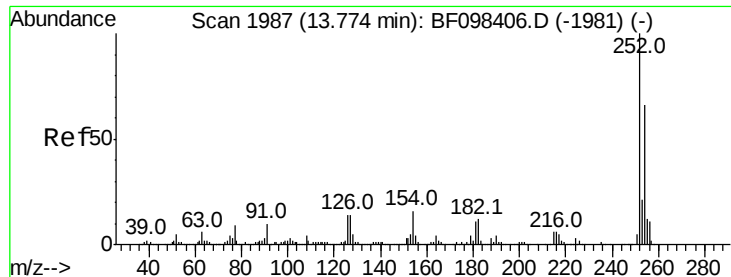
Tot Ion:149 Resp: 770529
Ion Ratio Lower Upper
149 100
91 79.3 45.0 67.4#
206 18.8 17.0 25.6



#80
Benzo(a)anthracene
Concen: 46.070 ng
RT: 13.80 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BF098483.D
Acq: 13 Sep 2017 12:06

Tgt Ion:228 Resp: 1335087
Ion Ratio Lower Upper
228 100
226 27.7 22.6 33.8
229 19.8 16.3 24.5





#81

3,3'-Dichlorobenzidine

Concen: 34.811 ng

RT: 13.76 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BF098483.D

Acq: 13 Sep 2017 12:06

Instrument :

BNA_F

ClientSampleId :

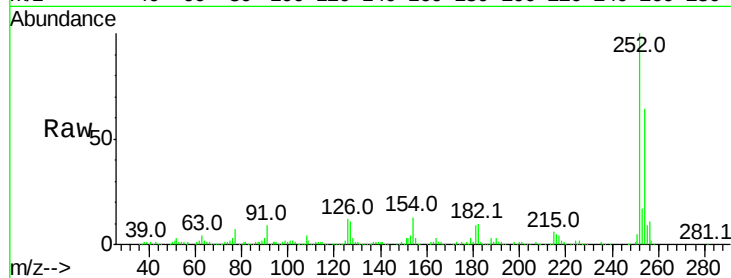
Tot Ion:252 Resp: 392037

Ion Ratio Lower Upper

252 100

254 64.4 51.5 77.3

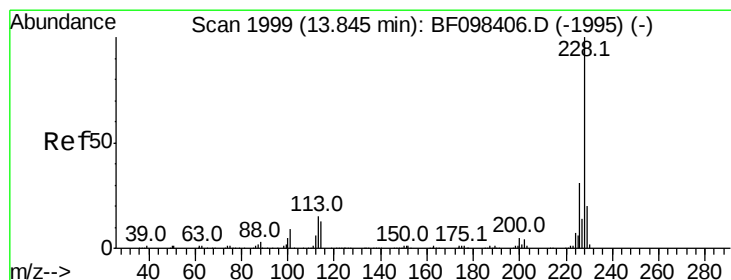
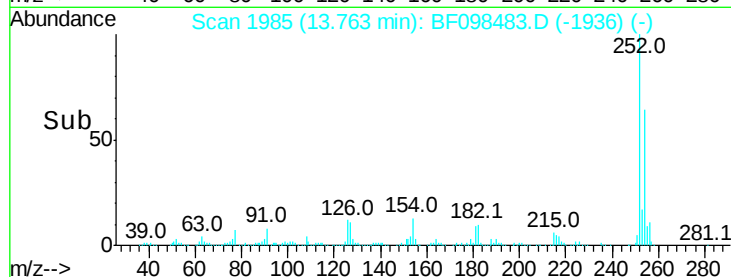
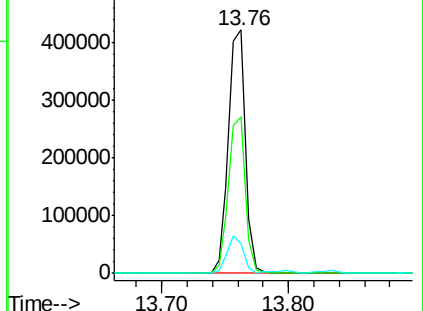
126 12.0 15.8 23.8#



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



#82

Chrysene

Concen: 44.537 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF098483.D

Acq: 13 Sep 2017 12:06

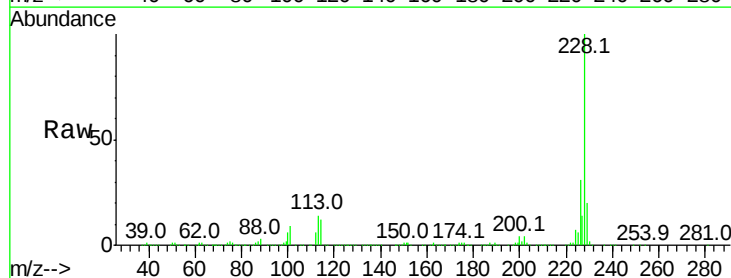
Tgt Ion:228 Resp: 1304630

Ion Ratio Lower Upper

228 100

226 30.9 24.9 37.3

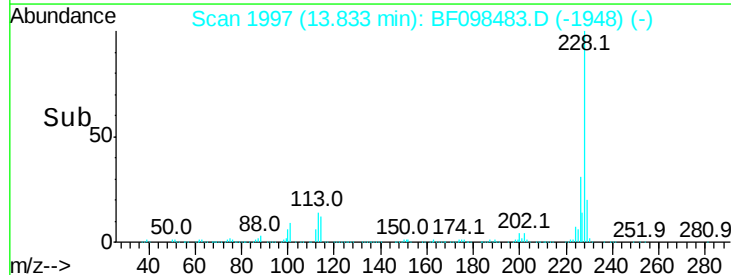
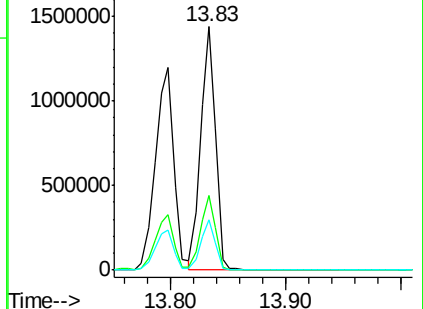
229 20.5 15.8 23.6

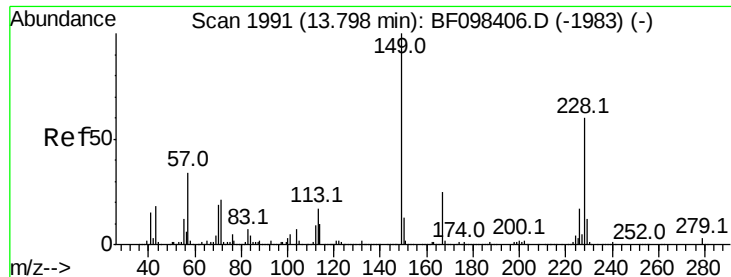


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

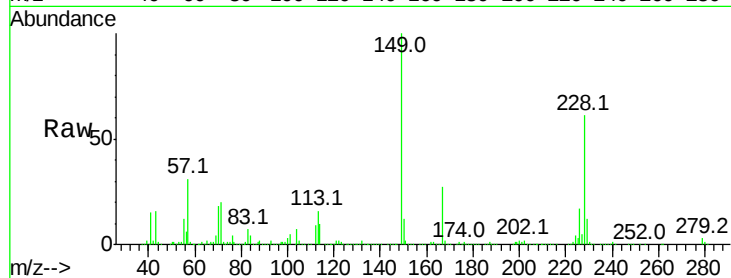




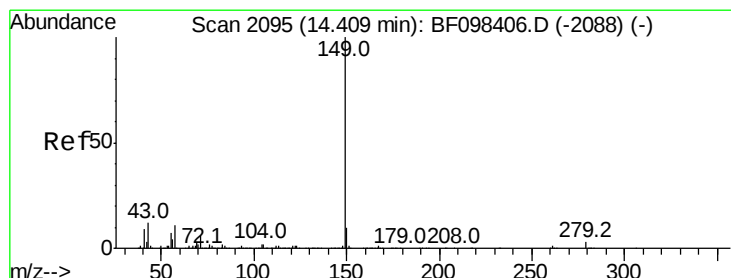
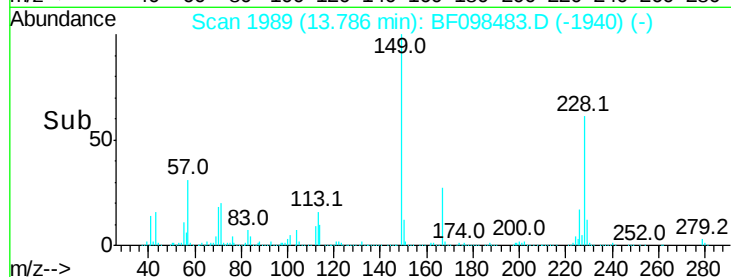
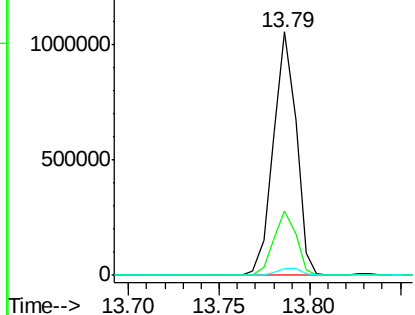
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.800 ng
 RT: 13.79 min Scan# 1989
 Delta R.T. -0.01 min
 Lab File: BF098483.D
 Acq: 13 Sep 2017 12:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 929882
 Ion Ratio Lower Upper
 149 100
 167 26.6 21.0 31.4
 279 2.9 1.9 2.9#

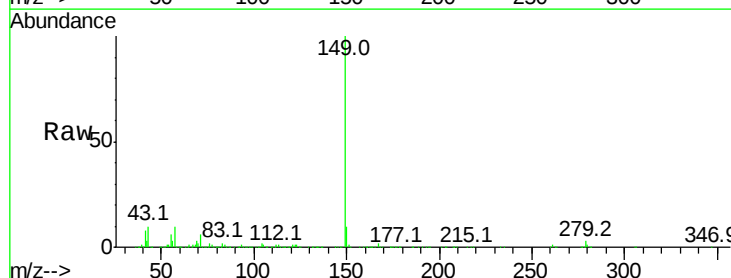


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

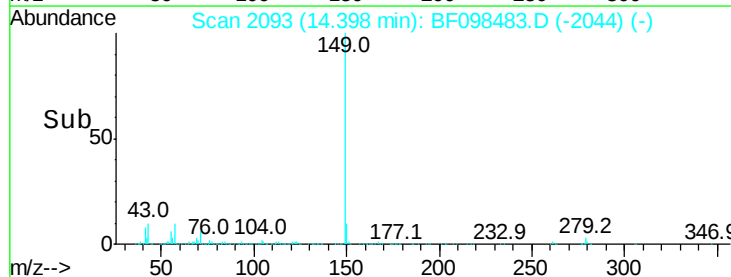
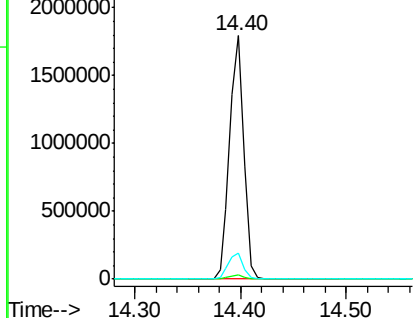


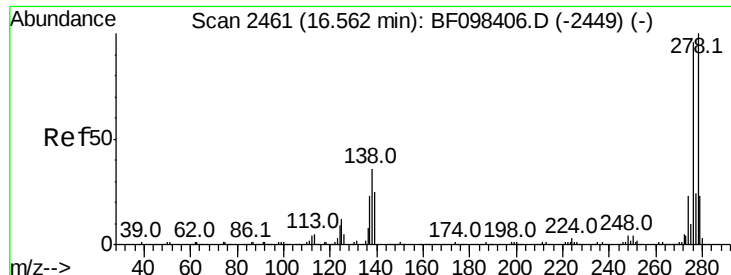
#84
 Di-n-octyl phthalate
 Concen: 45.593 ng
 RT: 14.40 min Scan# 2093
 Delta R.T. -0.01 min
 Lab File: BF098483.D
 Acq: 13 Sep 2017 12:06

Tgt Ion:149 Resp: 1660710
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 10.8 8.5 12.7



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): BF0

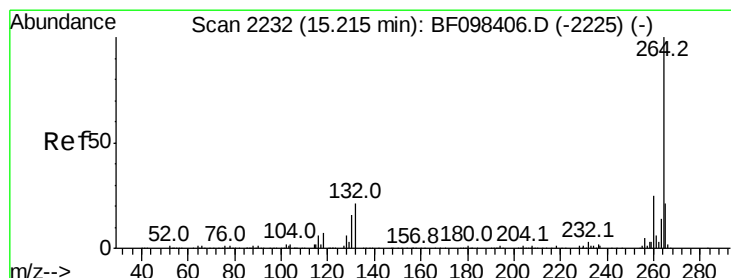
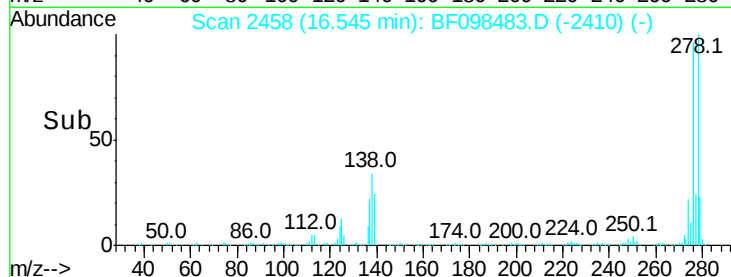
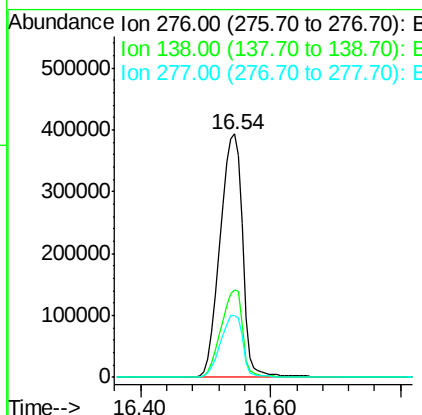
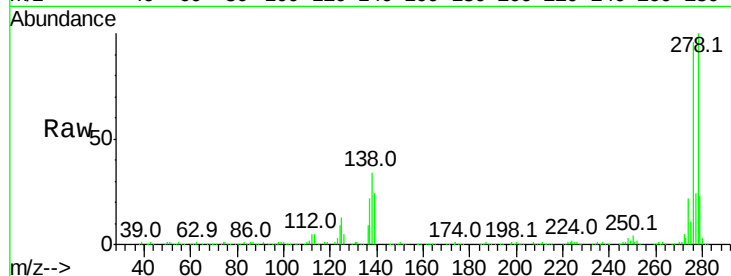




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.073 ng
 RT: 16.54 min Scan# 2458
 Delta R.T. -0.02 min
 Lab File: BF098483.D
 Acq: 13 Sep 2017 12:06

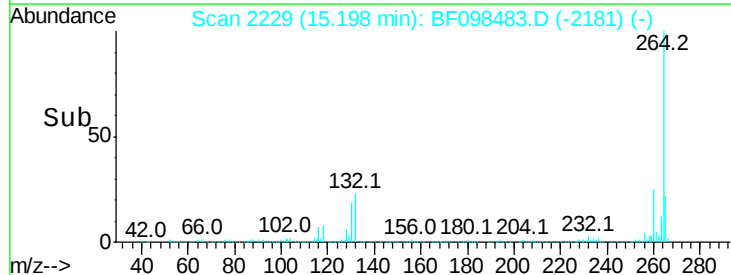
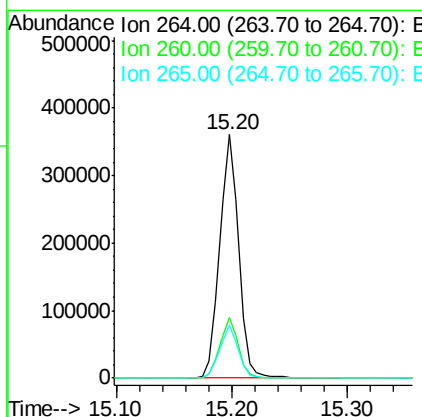
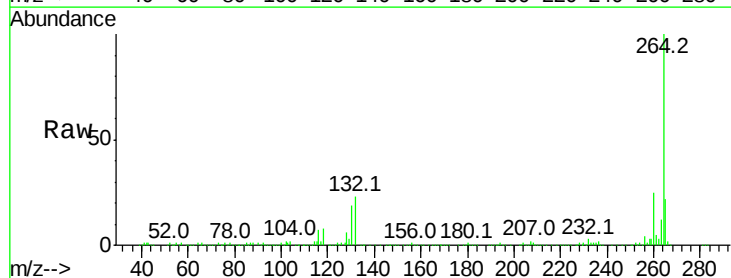
Instrument :
 BNA_F
 ClientSampled :

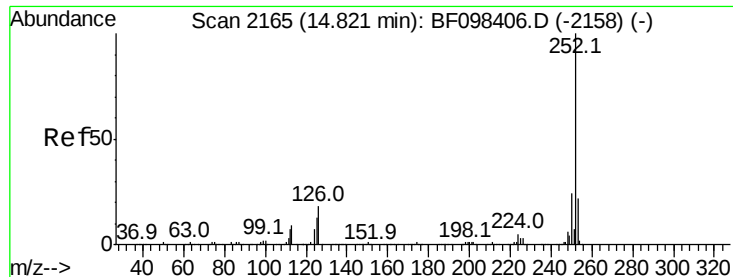
Tot Ion	Ratio	Lower	Upper
276	100		
138	34.2	27.8	41.6
277	25.3	20.2	30.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.20 min Scan# 2229
 Delta R.T. -0.02 min
 Lab File: BF098483.D
 Acq: 13 Sep 2017 12:06

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.5	29.3
265	21.9	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 45.993 ng

RT: 14.81 min Scan# 2163

Delta R.T. -0.01 min

Lab File: BF098483.D

Acq: 13 Sep 2017 12:06

Instrument :

BNA_F

ClientSampleId :

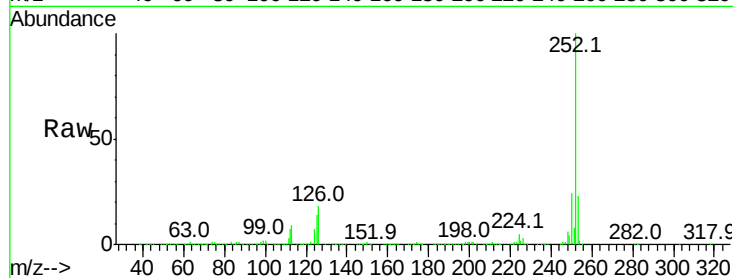
Tot Ion:252 Resp: 1183499

Ion Ratio Lower Upper

252 100

253 23.1 18.1 27.1

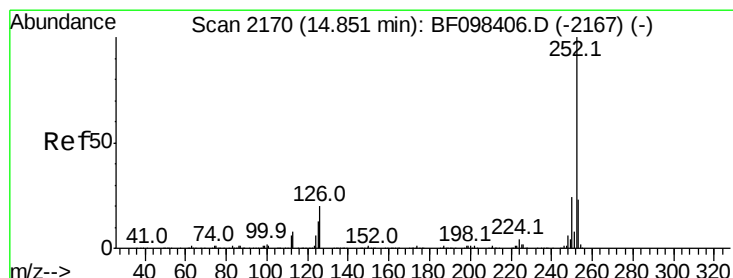
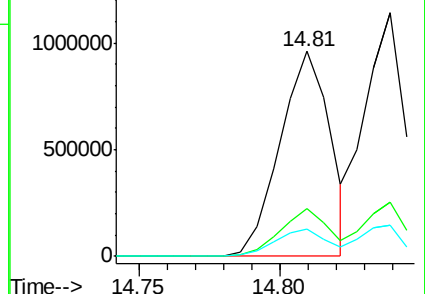
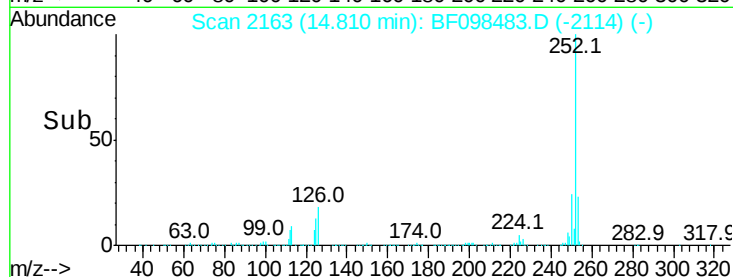
125 13.5 9.8 14.8



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



#88

Benzo(k)fluoranthene

Concen: 49.266 ng

RT: 14.81 min Scan# 2163

Delta R.T. -0.04 min

Lab File: BF098483.D

Acq: 13 Sep 2017 12:06

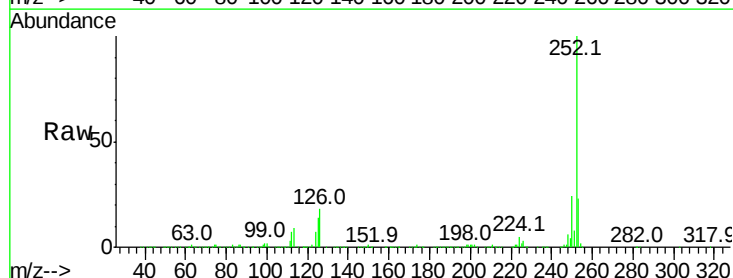
Tgt Ion:252 Resp: 1183499

Ion Ratio Lower Upper

252 100

253 23.1 18.4 27.6

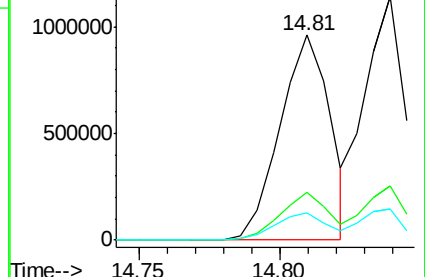
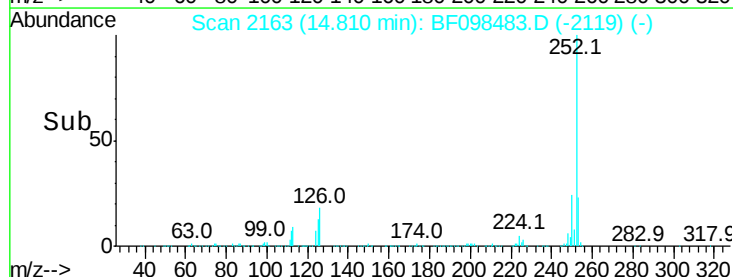
125 13.5 13.1 19.7

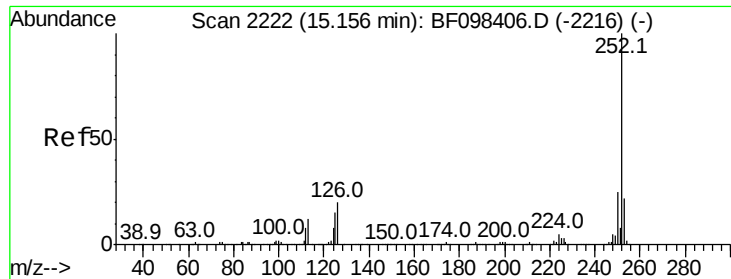


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

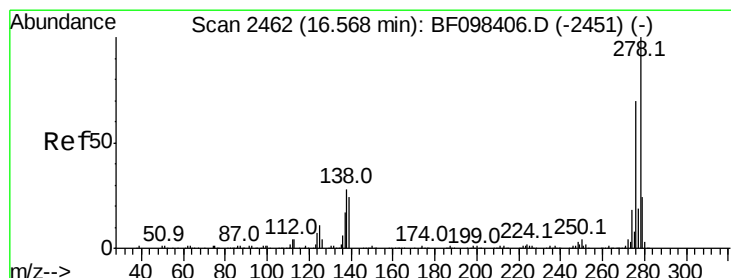
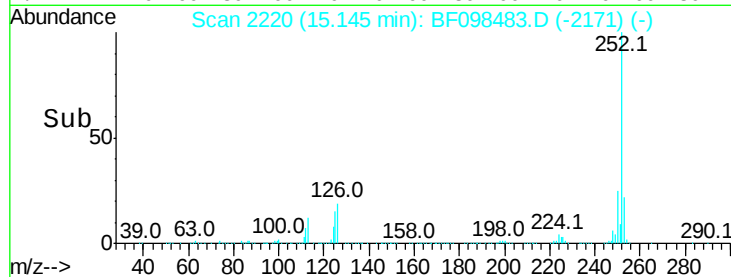
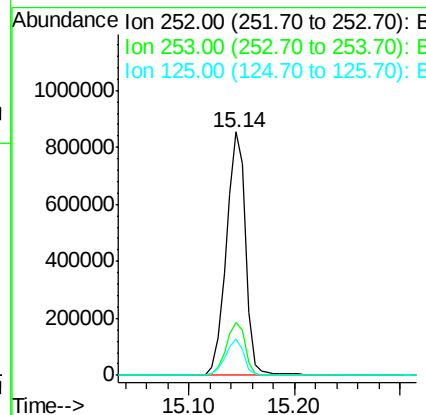
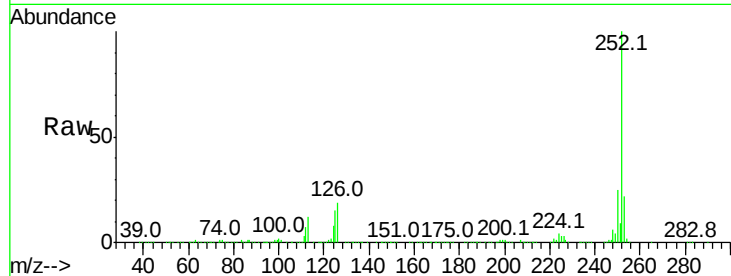




#89
Benzo(a)pyrene
Concen: 47.117 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BF098483.D
Acq: 13 Sep 2017 12:06

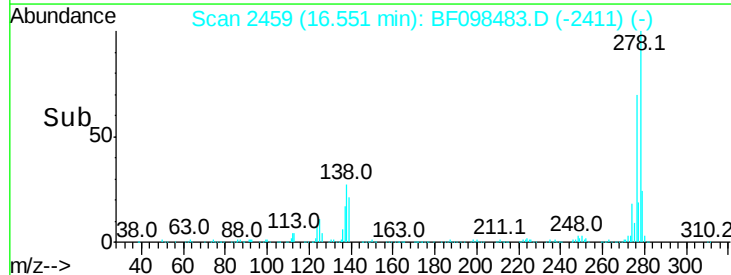
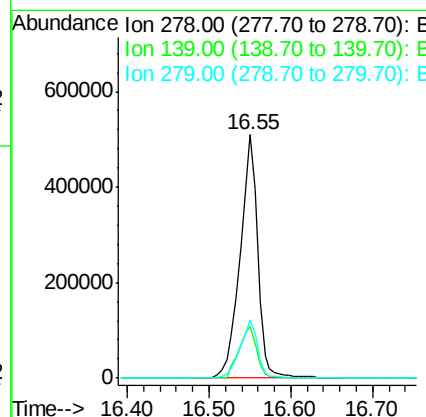
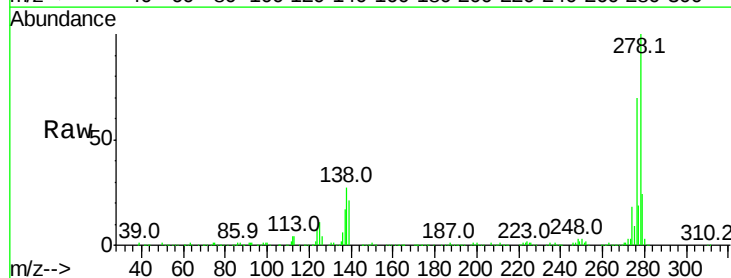
Instrument :
BNA_F
ClientSampleId :

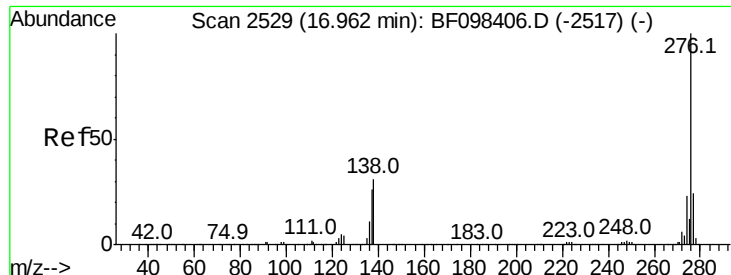
Tot Ion:252 Resp: 1080148
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 15.1 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 46.459 ng
RT: 16.55 min Scan# 2459
Delta R.T. -0.02 min
Lab File: BF098483.D
Acq: 13 Sep 2017 12:06

Tgt Ion:278 Resp: 774765
Ion Ratio Lower Upper
278 100
139 21.3 16.6 24.8
279 23.9 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 46.971 ng

RT: 16.94 min Scan# 2526

Delta R.T. -0.02 min

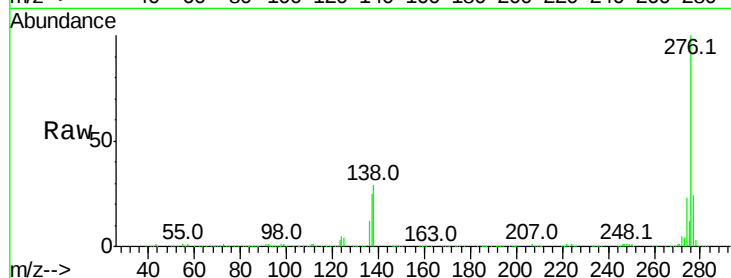
Lab File: BF098483.D

Acq: 13 Sep 2017 12:06

Instrument :

BNA_F

ClientSampleId :



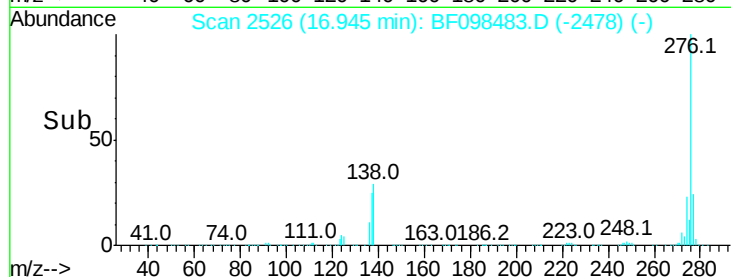
Tot Ion:276 Resp: 787853

Ion Ratio Lower Upper

276 100

277 23.7 18.6 28.0

138 29.2 25.4 38.0



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

