

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090217\
 Data File : BF098244.D
 Acq On : 2 Sep 2017 14:24
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 04 07:21:14 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	114701	20.00	ng	-0.04
21) Naphthalene-d8	8.00	136	462460	20.00	ng	-0.04
38) Acenaphthene-d10	9.75	164	208600	20.00	ng	-0.04
63) Phenanthrene-d10	11.23	188	407033	20.00	ng	-0.04
75) Chrysene-d12	13.87	240	286255	20.00	ng	-0.03
86) Perylene-d12	15.27	264	237069	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	596985	79.17	ng	-0.04
7) Phenol-d6	6.36	99	829271	80.94	ng	-0.03
23) Nitrobenzene-d5	7.28	82	746056	87.64	ng	-0.04
41) 2,4,6-Tribromophenol	10.54	330	157319	86.92	ng	-0.04
44) 2-Fluorobiphenyl	9.07	172	1068344	75.25	ng	-0.04
78) Terphenyl-d14	12.82	244	1065376	77.61	ng	-0.04

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.35	88	162071	38.538	ng	# 87
3) Pyridine	3.05	79	466841	40.155	ng	# 85
4) n-Nitrosodimethylamine	3.01	42	162889	36.413	ng	# 71
6) Aniline	6.37	93	545961	37.932	ng	# 58
8) 2-Chlorophenol	6.50	128	325309	40.906	ng	# 98
9) Benzaldehyde	6.26	77	237240	36.556	ng	# 91
10) Phenol	6.37	94	473767	39.537	ng	# 73
11) bis(2-Chloroethyl)ether	6.46	93	357194	39.494	ng	# 93
12) 1,3-Dichlorobenzene	6.65	146	339844	39.729	ng	# 95
13) 1,4-Dichlorobenzene	6.73	146	341962	39.306	ng	# 93
14) 1,2-Dichlorobenzene	6.88	146	320350	39.934	ng	# 99
15) Benzyl Alcohol	6.86	79	285405	37.206	ng	# 97
16) 2,2'-oxybis(1-Chloropropan	6.99	45	450388	37.012	ng	# 86
17) 2-Methylphenol	6.98	107	286230	40.842	ng	# 95
18) Hexachloroethane	7.22	117	136538	40.030	ng	# 82
19) n-Nitroso-di-n-propylamine	7.13	70	255497	36.428	ng	# 88
20) 3+4-Methylphenols	7.13	107	335119	39.151	ng	# 91
22) Acetophenone	7.13	105	460242	37.672	ng	# 87
24) Nitrobenzene	7.30	77	400645	42.268	ng	# 96
25) Isophorone	7.54	82	686759	38.797	ng	# 96
26) 2-Nitrophenol	7.62	139	167793	48.767	ng	# 84
27) 2,4-Dimethylphenol	7.66	122	295403	40.014	ng	# 97
28) bis(2-Chloroethoxy)methane	7.75	93	460345	39.557	ng	# 97
29) 2,4-Dichlorophenol	7.86	162	253102	41.302	ng	# 92
30) 1,2,4-Trichlorobenzene	7.94	180	271917	40.026	ng	# 99
31) Naphthalene	8.02	128	948981	39.527	ng	# 99
32) Benzoic acid	7.79	122	128589	27.121	ng	# 89
33) 4-Chloroaniline	8.07	127	406248	40.122	ng	# 96
34) Hexachlorobutadiene	8.13	225	156005	39.331	ng	# 98
35) Caprolactam	8.46	113	90852	43.609	ng	# 92
36) 4-Chloro-3-methylphenol	8.56	107	319169	40.537	ng	# 81
37) 2-Methylnaphthalene	8.71	142	588096	39.954	ng	# 99
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	253160	39.545	ng	# 99
40) Hexachlorocyclopentadiene	8.86	237	118433	38.508	ng	# 99

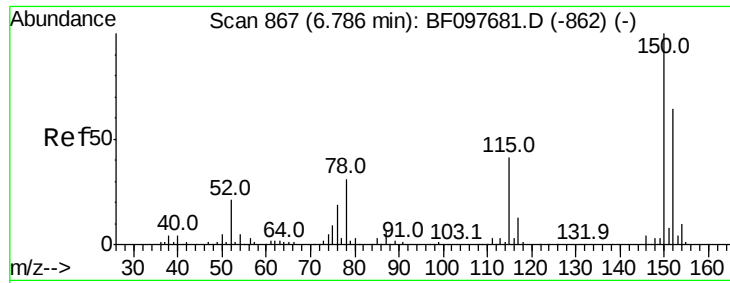
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	174290	40.551	nq	99
43) 2,4,5-Trichlorophenol	9.03	196	172634	40.487	nq	98
45) 1,1'-Biphenyl	9.17	154	735895	38.686	nq	96
46) 2-Chloronaphthalene	9.20	162	555630	39.532	nq	# 93
47) 2-Nitroaniline	9.30	65	214106	45.440	nq	96
48) Acenaphthylene	9.61	152	858475	38.895	nq	99
49) Dimethylphthalate	9.48	163	618817	40.583	nq	99
50) 2,6-Dinitrotoluene	9.55	165	134441	44.171	nq	# 79
51) Acenaphthene	9.79	154	515203	37.011	nq	99
52) 3-Nitroaniline	9.71	138	183180	46.648	nq	88
53) 2,4-Dinitrophenol	9.82	184	53115	42.177	nq	# 72
54) Dibenzofuran	9.96	168	713745	38.258	nq	98
55) 4-Nitrophenol	9.88	139	105933	33.817	nq	# 47
56) 2,4-Dinitrotoluene	9.95	165	170550	44.650	nq	# 53
57) Fluorene	10.30	166	571560	39.625	nq	96
58) 2,3,4,6-Tetrachlorophenol	10.07	232	128962	39.064	nq	91
59) Diethylphthalate	10.17	149	638112	40.018	nq	100
60) 4-Chlorophenyl-phenylether	10.29	204	269039	40.149	nq	89
61) 4-Nitroaniline	10.33	138	174654	46.796	nq	78
62) Azobenzene	10.45	77	698886	36.898	nq	94
64) 4,6-Dinitro-2-methylphenol	10.36	198	88445	46.439	nq	# 76
65) n-Nitrosodiphenylamine	10.41	169	536717	38.722	nq	99
66) 4-Bromophenyl-phenylether	10.78	248	168292	39.816	nq	# 90
67) Hexachlorobenzene	10.85	284	171863	39.892	nq	96
68) Atrazine	10.94	200	134725	36.651	nq	98
69) Pentachlorophenol	11.04	266	90247	35.927	nq	99
70) Phenanthrene	11.26	178	819010	37.760	nq	100
71) Anthracene	11.31	178	847395	38.520	nq	99
72) Carbazole	11.46	167	800264	38.323	nq	99
73) Di-n-butylphthalate	11.80	149	988005	41.076	nq	99
74) Fluoranthene	12.44	202	878651	38.812	nq	98
76) Benzidine	12.56	184	302436	32.223	nq	# 93
77) Pyrene	12.67	202	895819	38.263	nq	99
79) Butylbenzylphthalate	13.29	149	388777	43.311	nq	# 79
80) Benzo(a)anthracene	13.86	228	644335	37.556	nq	99
81) 3,3'-Dichlorobenzidine	13.82	252	247863	42.814	nq	# 96
82) Chrysene	13.89	228	646581	37.886	nq	99
83) Bis(2-ethylhexyl)phthalate	13.85	149	496938	49.960	nq	# 99
84) Di-n-octyl phthalate	14.46	149	863919	49.917	nq	98
85) Indeno(1,2,3-cd)pyrene	16.64	276	547022	43.570	nq	96
87) Benzo(b)fluoranthene	14.87	252	547491	36.638	nq	99
88) Benzo(k)fluoranthene	14.90	252	564695	40.223	nq	# 95
89) Benzo(a)pyrene	15.22	252	524386	39.640	nq	98
90) Dibenzo(a,h)anthracene	16.66	278	475104	44.114	nq	96
91) Benzo(g,h,i)perylene	17.06	276	481247	42.825	nq	95

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

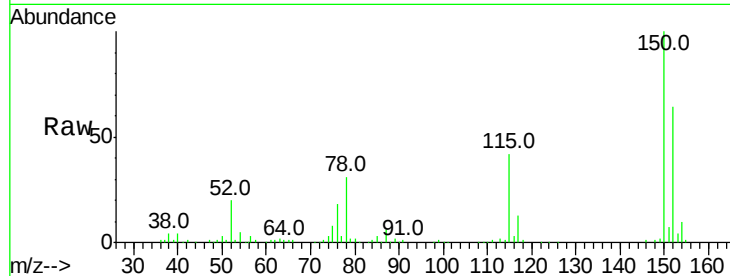


#1

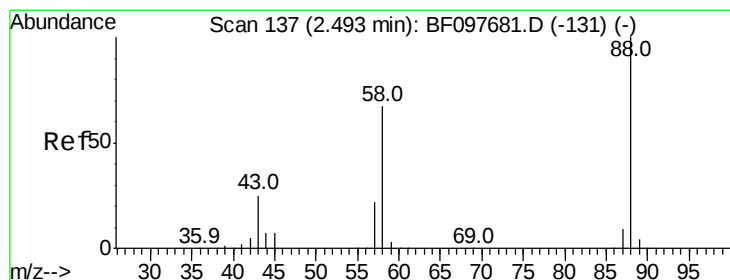
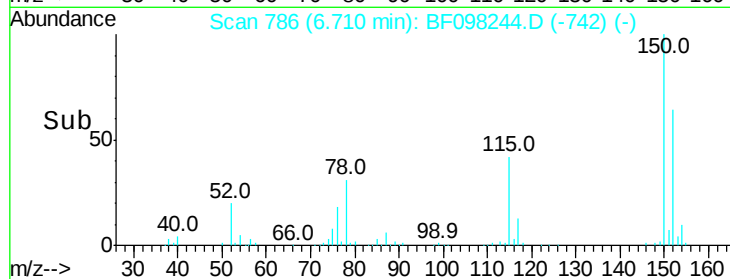
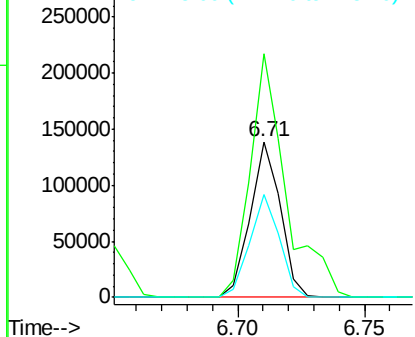
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.04 min
Lab File: BF098244.D
Acq: 2 Sep 2017 14:24

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 114701
Ion Ratio Lower Upper
152 100
150 156.2 126.2 189.2
115 65.9 52.2 78.2



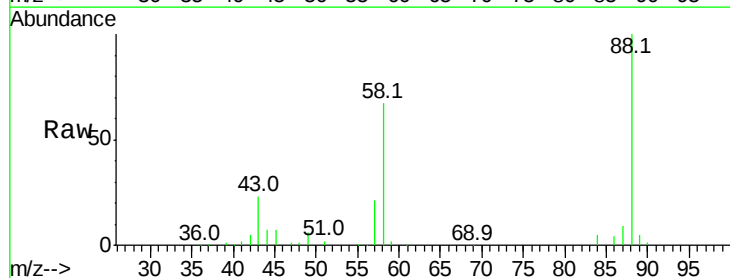
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



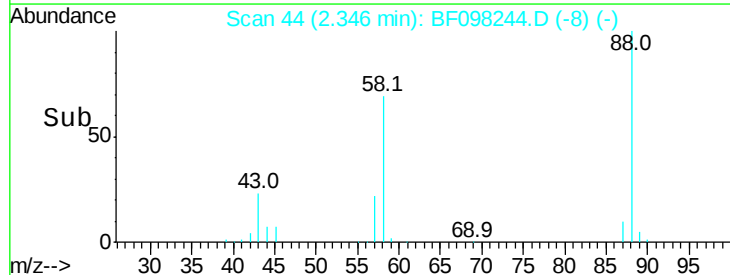
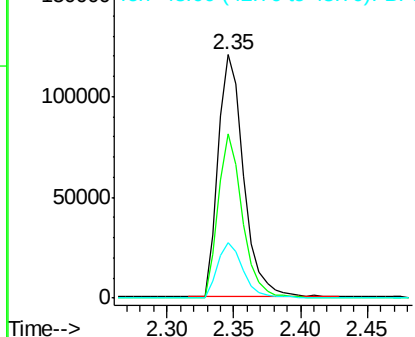
#2

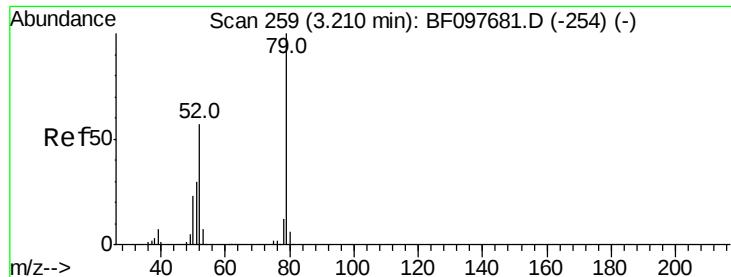
1,4-Dioxane
Concen: 38.538 ng
RT: 2.35 min Scan# 44
Delta R.T. -0.09 min
Lab File: BF098244.D
Acq: 2 Sep 2017 14:24

Tgt Ion: 88 Resp: 162071
Ion Ratio Lower Upper
88 100
58 64.8 61.4 92.0
43 23.3 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: 40.155 ng

RT: 3.05 min Scan# 163

Delta R.T. -0.09 min

Lab File: BF098244.D

Acq: 2 Sep 2017 14:24

Instrument :

BNA_F

ClientSampled :

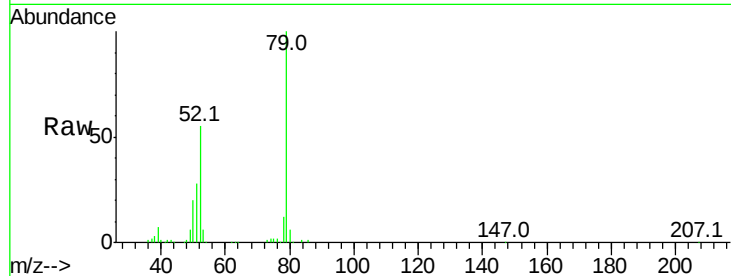
Tot Ion: 79 Resp: 466841

Ion Ratio Lower Upper

79 100

52 54.8 54.8 82.2

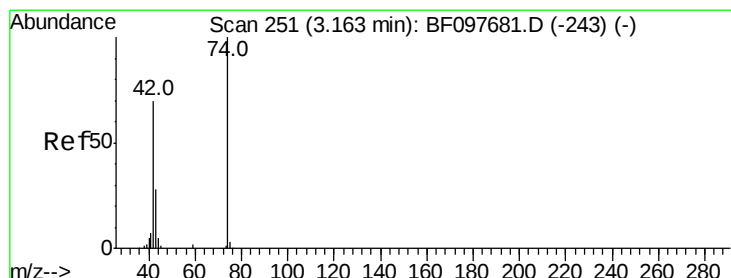
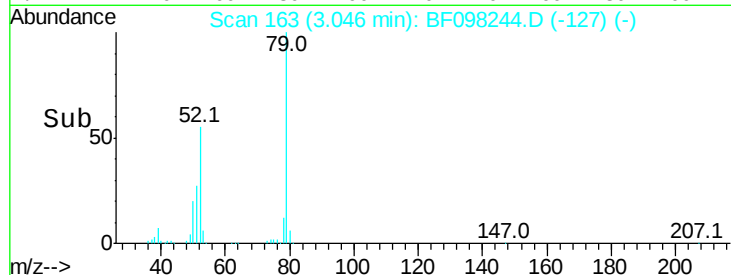
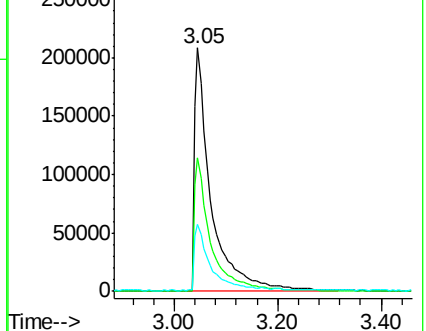
51 27.5 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 36.413 ng

RT: 3.01 min Scan# 157

Delta R.T. -0.09 min

Lab File: BF098244.D

Acq: 2 Sep 2017 14:24

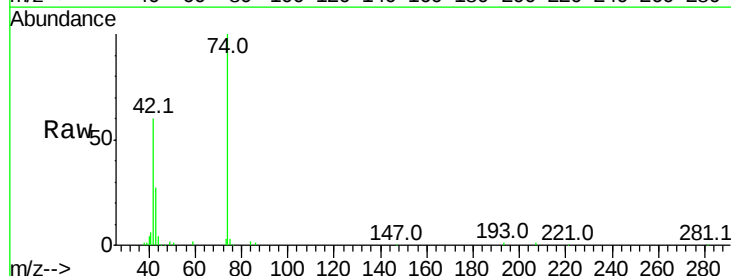
Tgt Ion: 42 Resp: 162889

Ion Ratio Lower Upper

42 100

74 165.5 103.9 155.9#

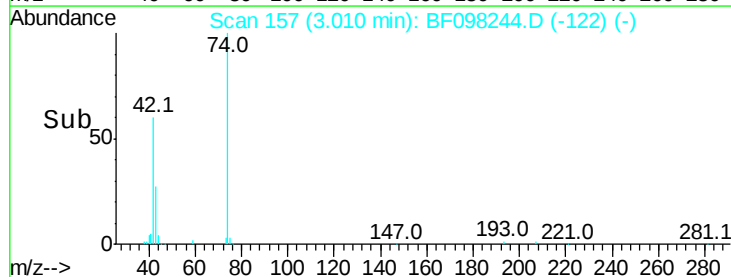
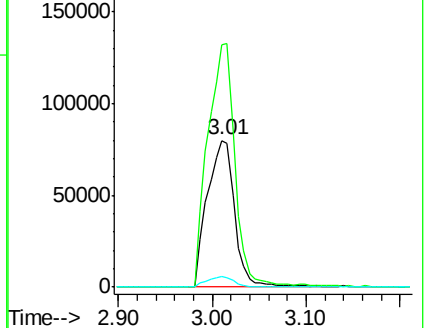
44 7.4 5.7 8.5

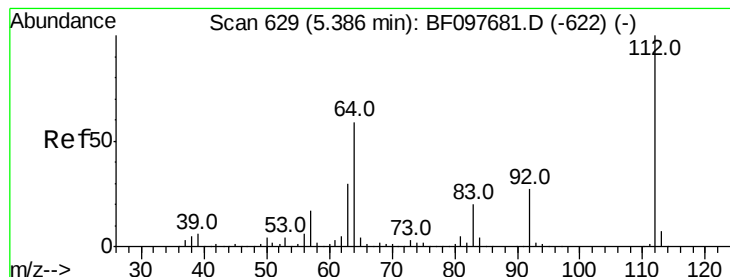


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 79.167 ng

RT: 5.32 min Scan# 549

Delta R.T. -0.04 min

Lab File: BF098244.D

Acq: 2 Sep 2017 14:24

Instrument :

BNA_F

ClientSampled :

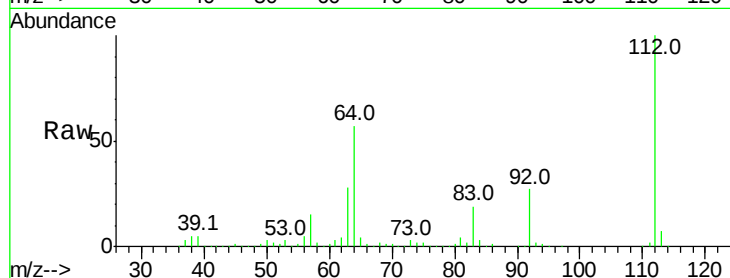
Tot Ion:112 Resp: 596985

Ion Ratio Lower Upper

112 100

64 56.9 46.0 69.0

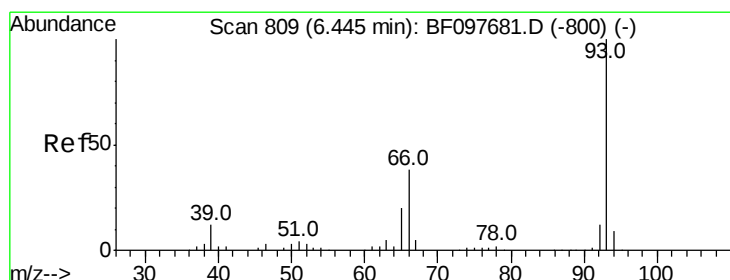
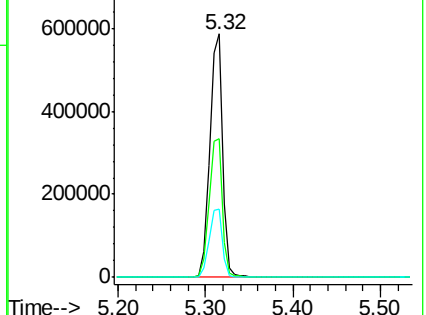
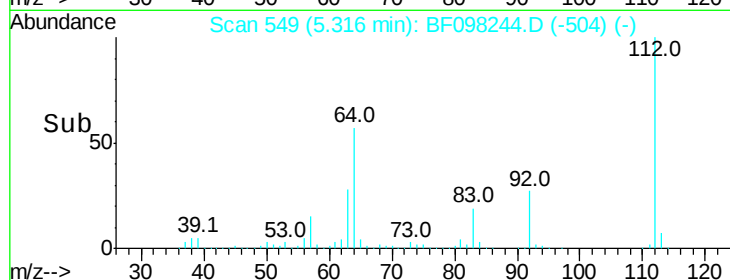
63 28.3 23.4 35.0



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: 37.932 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.04 min

Lab File: BF098244.D

Acq: 2 Sep 2017 14:24

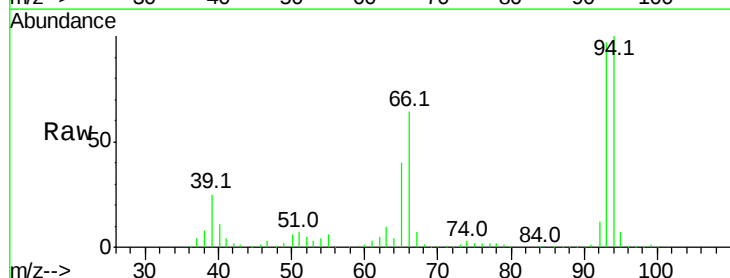
Tgt Ion: 93 Resp: 545961

Ion Ratio Lower Upper

93 100

66 65.7 32.9 49.3#

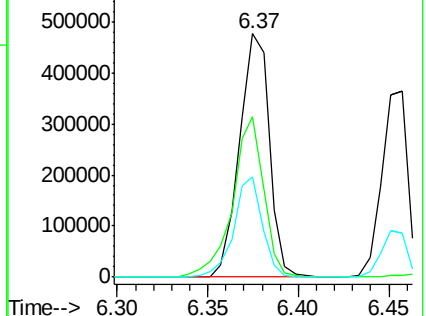
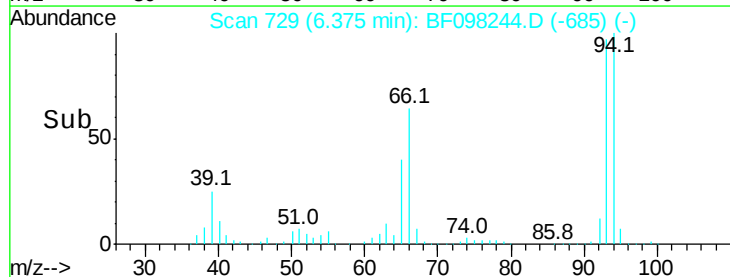
65 41.2 16.0 24.0#

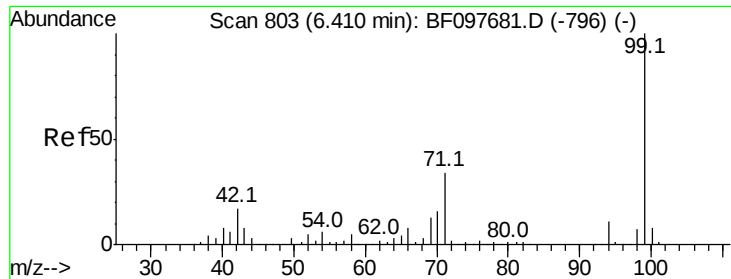


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 80.938 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.03 min

Lab File: BF098244.D

Acq: 2 Sep 2017 14:24

Instrument :

BNA_F

ClientSampleId :

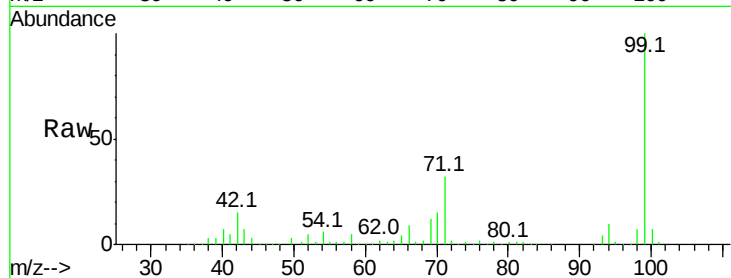
Tot Ion: 99 Resp: 829271

Ion Ratio Lower Upper

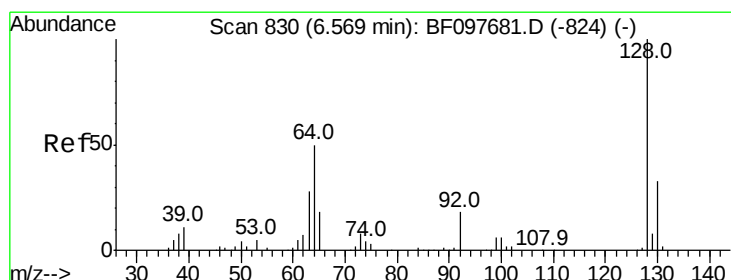
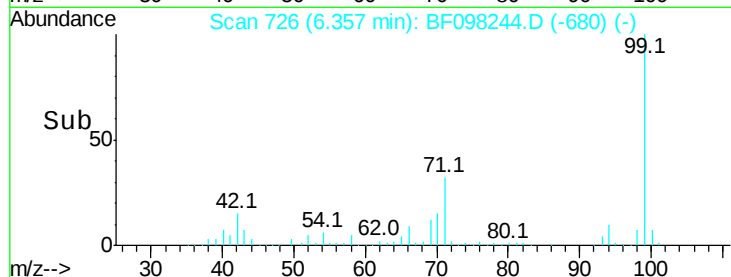
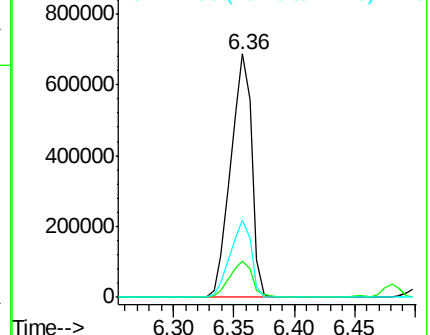
99 100

42 14.7 13.5 20.3

71 31.8 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: 40.906 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.04 min

Lab File: BF098244.D

Acq: 2 Sep 2017 14:24

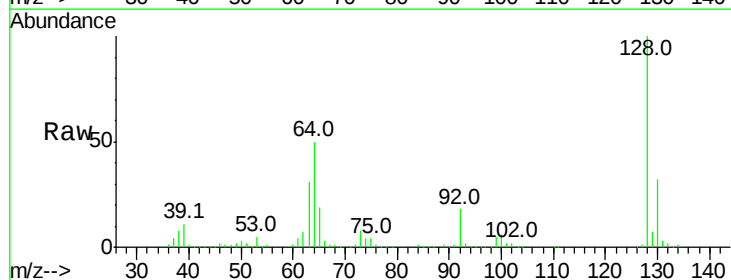
Tgt Ion: 128 Resp: 325309

Ion Ratio Lower Upper

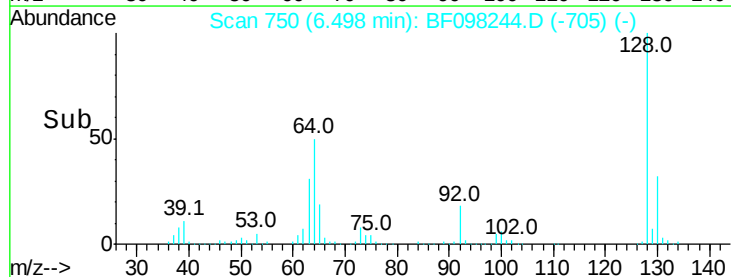
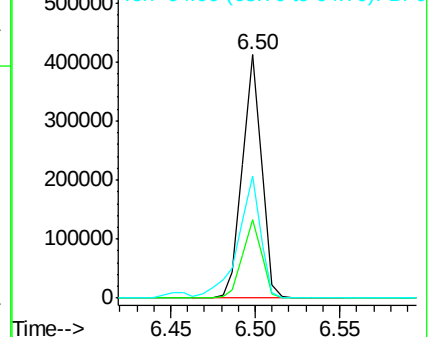
128 100

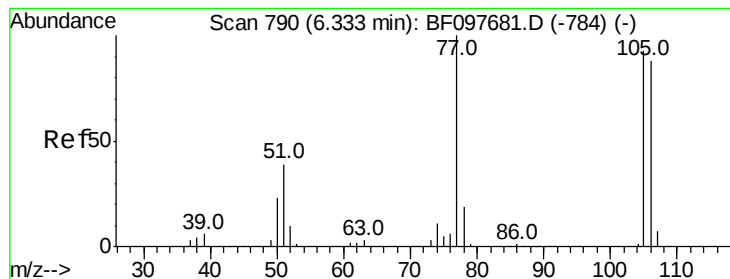
130 32.1 12.9 52.9

64 50.0 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: 36.556 ng

RT: 6.26 min Scan# 710

Delta R.T. -0.04 min

Lab File: BF098244.D

Acq: 2 Sep 2017 14:24

Instrument :

BNA_F

ClientSampleId :

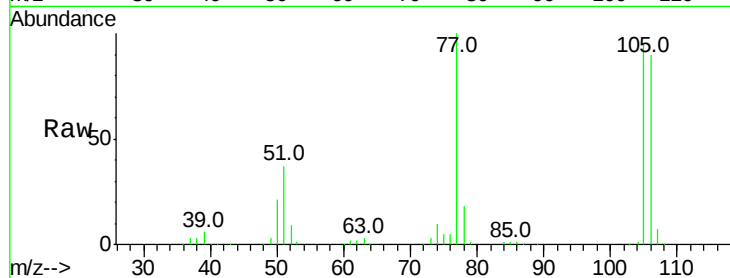
Tot Ion: 77 Resp: 237240

Ion Ratio Lower Upper

77 100

105 95.5 83.8 123.8

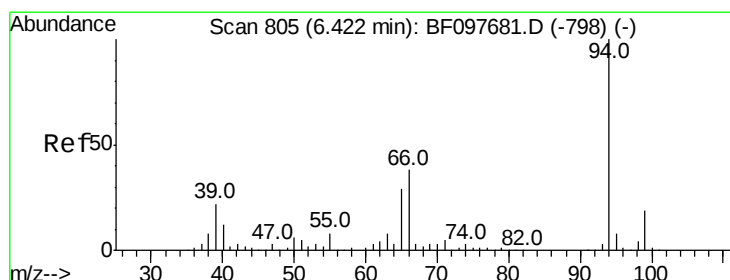
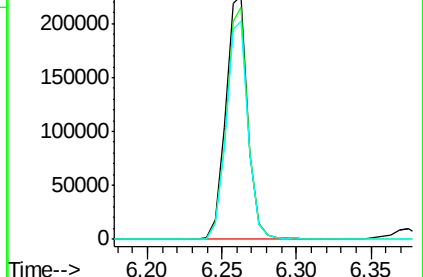
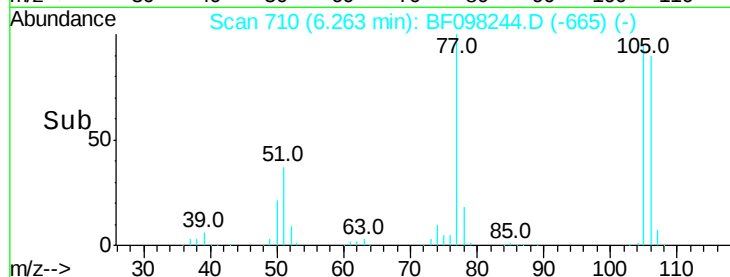
106 89.8 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 39.537 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF098244.D

Acq: 2 Sep 2017 14:24

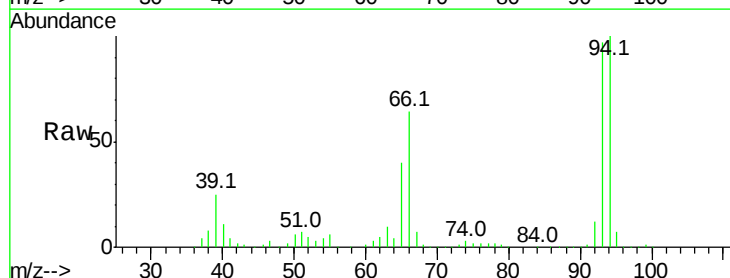
Tgt Ion: 94 Resp: 473767

Ion Ratio Lower Upper

94 100

65 40.0 9.9 49.9

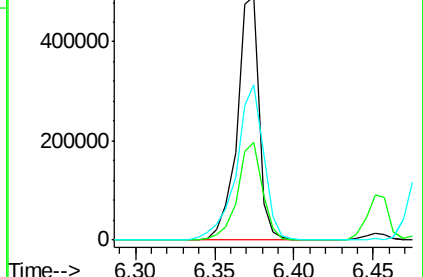
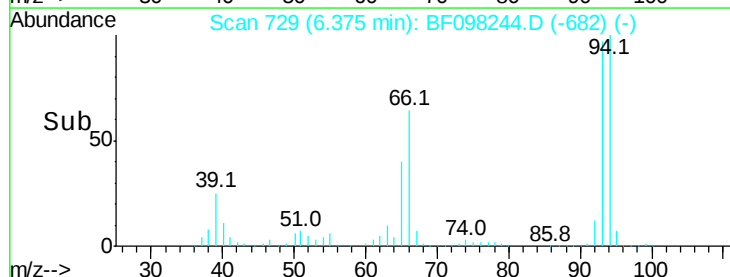
66 63.7 23.1 63.1#

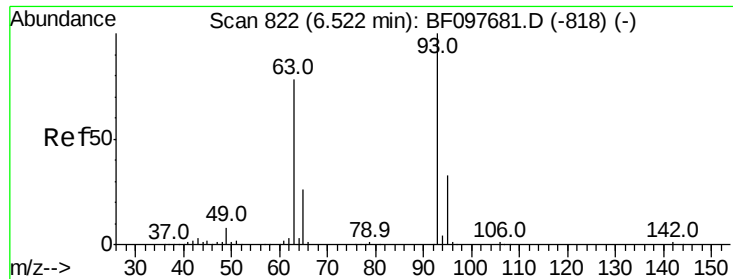


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

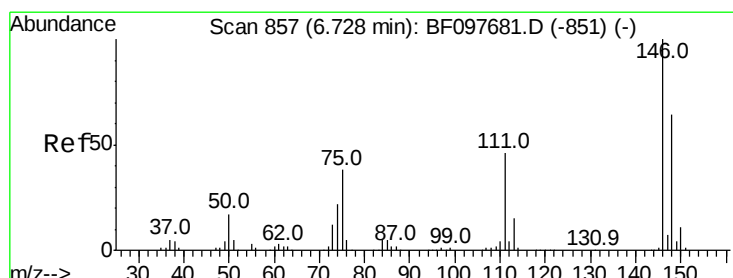
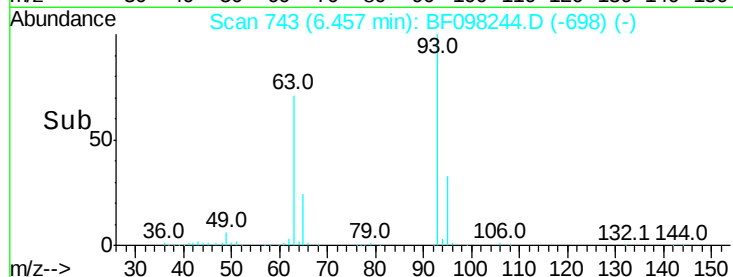
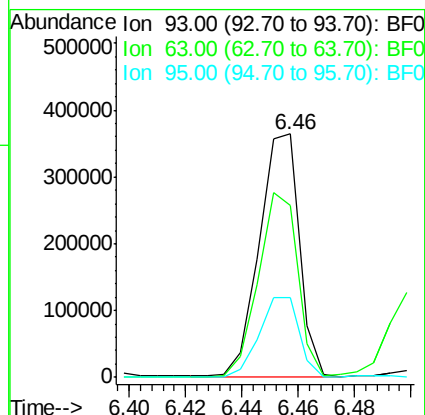
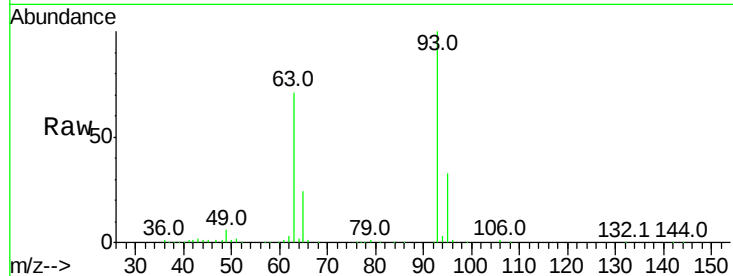




#11
bis(2-Chloroethyl)ether
Concen: 39.494 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.04 min
Lab File: BF098244.D
Acq: 2 Sep 2017 14:24

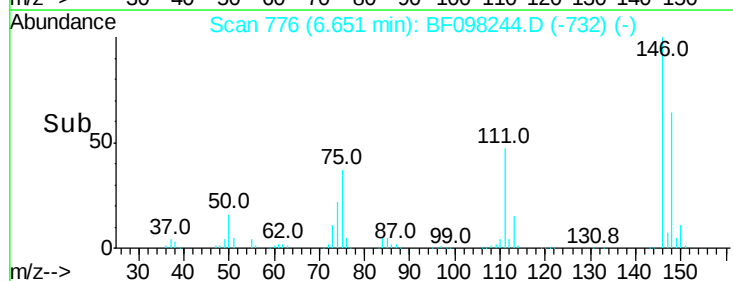
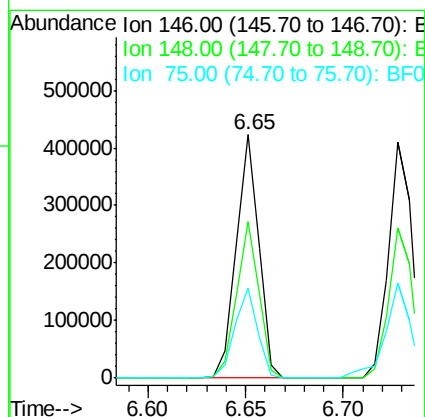
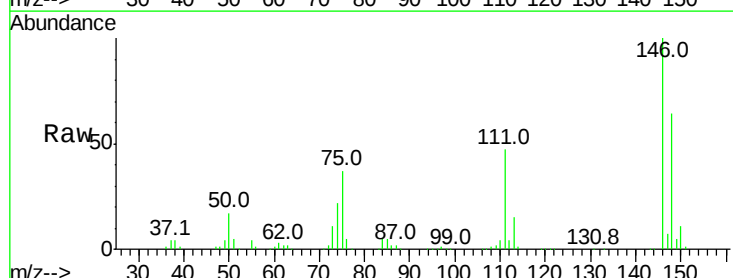
Instrument :
BNA_F
ClientSampled :

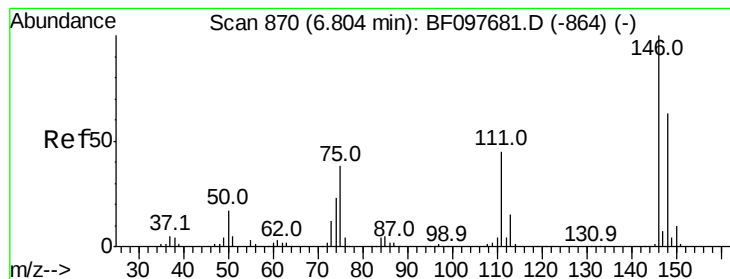
Tot Ion: 93 Resp: 357194
Ion Ratio Lower Upper
93 100
63 70.7 59.2 99.2
95 32.8 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 39.729 ng
RT: 6.65 min Scan# 776
Delta R.T. -0.04 min
Lab File: BF098244.D
Acq: 2 Sep 2017 14:24

Tgt Ion: 146 Resp: 339844
Ion Ratio Lower Upper
146 100
148 64.3 51.8 77.6
75 36.9 23.1 34.7#





#13

1,4-Dichlorobenzene

Concen: 39.306 ng

RT: 6.73 min Scan# 789

Delta R.T. -0.04 min

Lab File: BF098244.D

Acq: 2 Sep 2017 14:24

Instrument :

BNA_F

ClientSampleId :

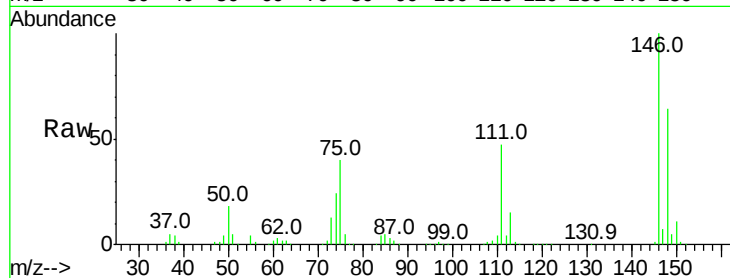
Tot Ion:146 Resp: 341962

Ion Ratio Lower Upper

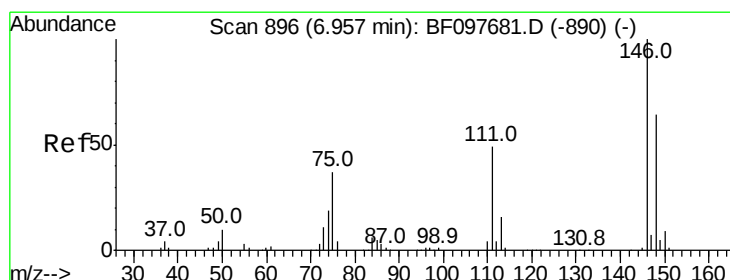
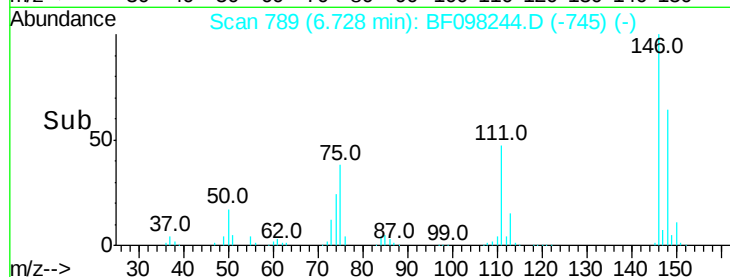
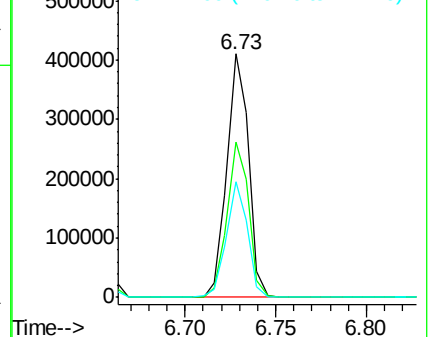
146 100

148 63.6 52.2 78.2

111 47.5 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: 39.934 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.04 min

Lab File: BF098244.D

Acq: 2 Sep 2017 14:24

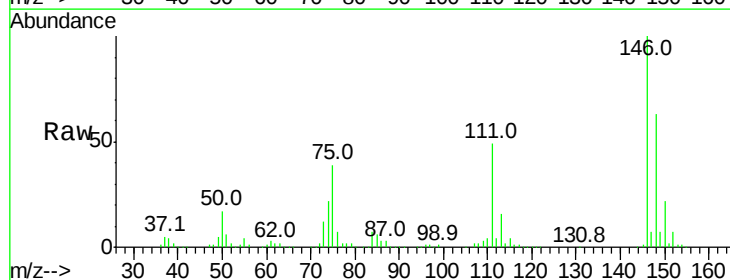
Tgt Ion:146 Resp: 320350

Ion Ratio Lower Upper

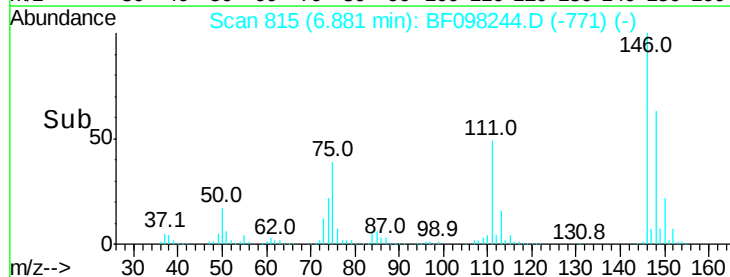
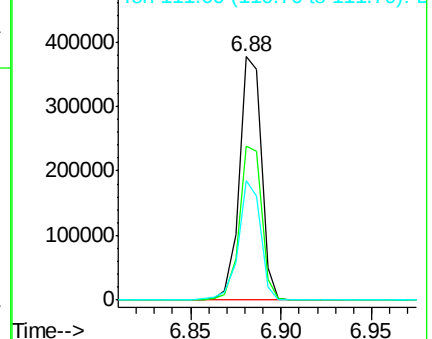
146 100

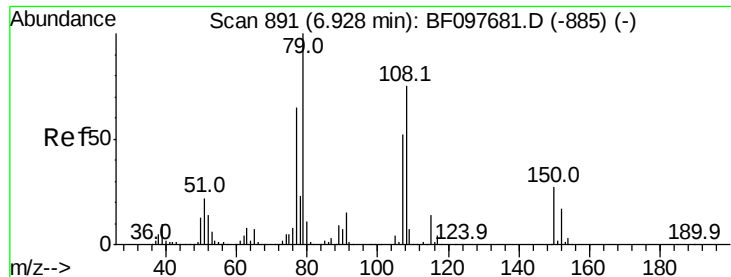
148 63.2 50.4 75.6

111 48.9 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: 37.206 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.03 min

Lab File: BF098244.D

Acq: 2 Sep 2017 14:24

Instrument :

BNA_F

ClientSampleId :

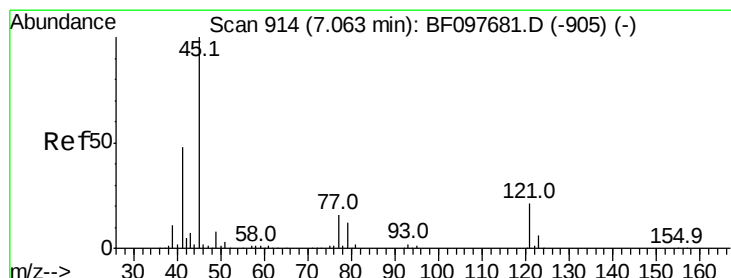
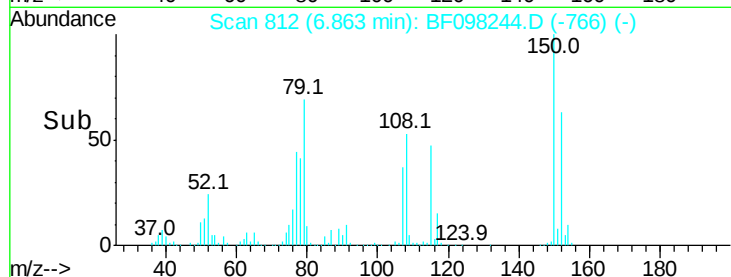
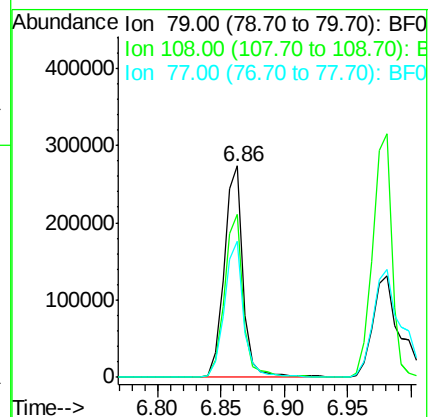
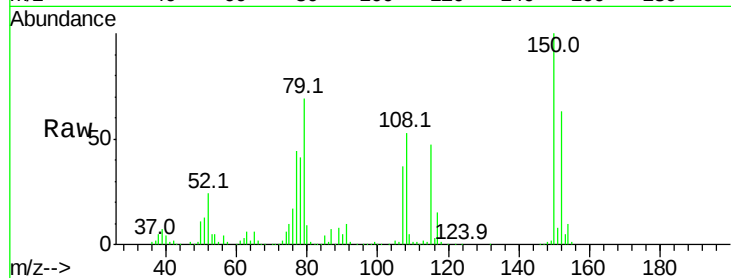
Tot Ion: 79 Resp: 285405

Ion Ratio Lower Upper

79 100

108 77.4 63.4 95.0

77 64.2 49.2 73.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.012 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.04 min

Lab File: BF098244.D

Acq: 2 Sep 2017 14:24

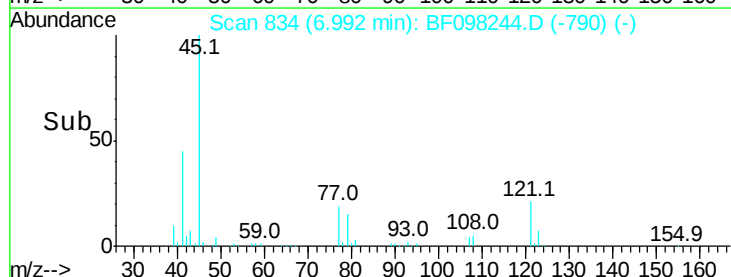
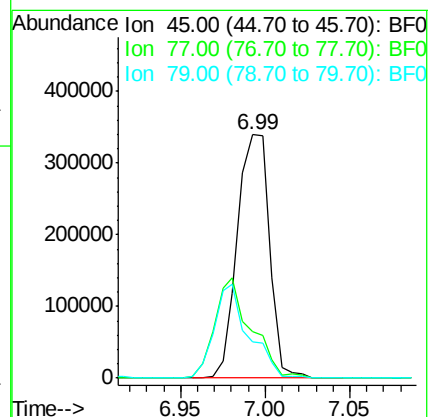
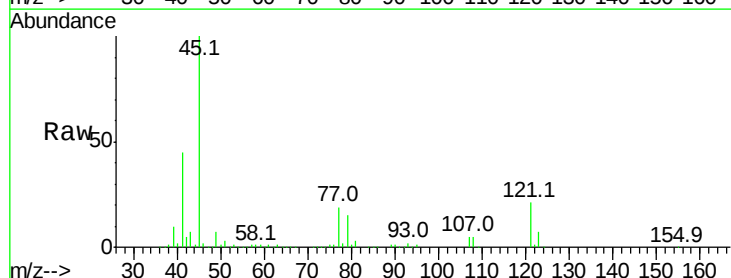
Tgt Ion: 45 Resp: 450388

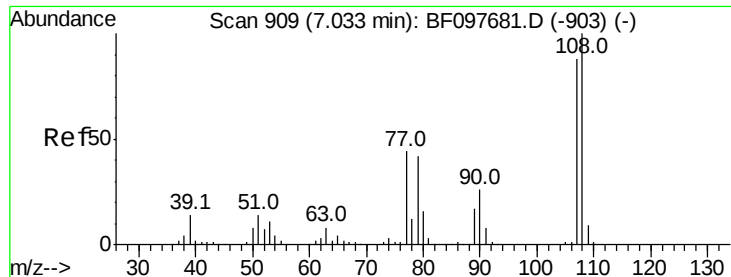
Ion Ratio Lower Upper

45 100

77 19.2 0.0 33.2

79 15.0 0.0 30.0

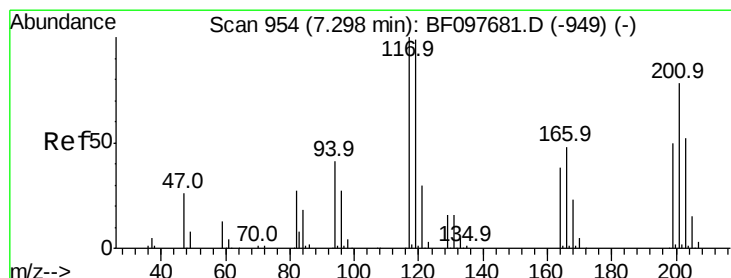
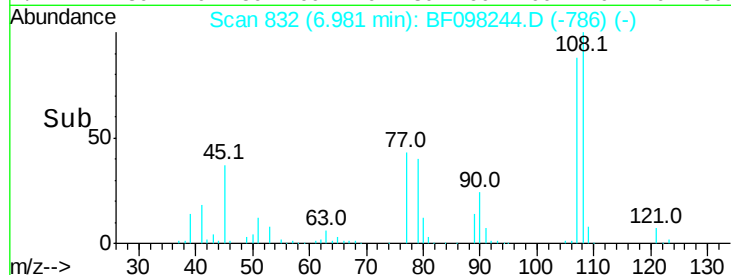
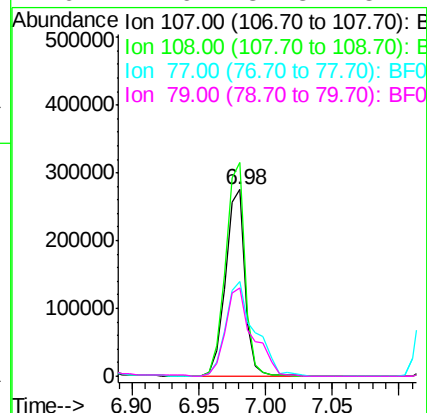
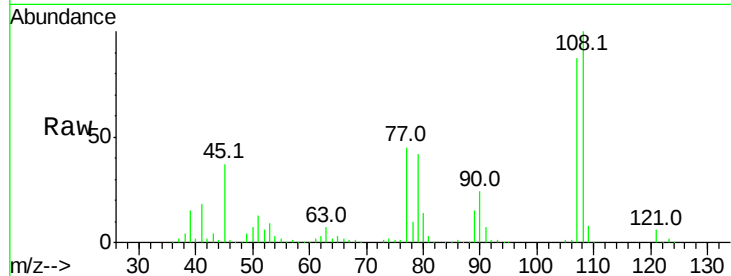




#17
2-Methylphenol
Concen: 40.842 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.03 min
Lab File: BF098244.D
Acq: 2 Sep 2017 14:24

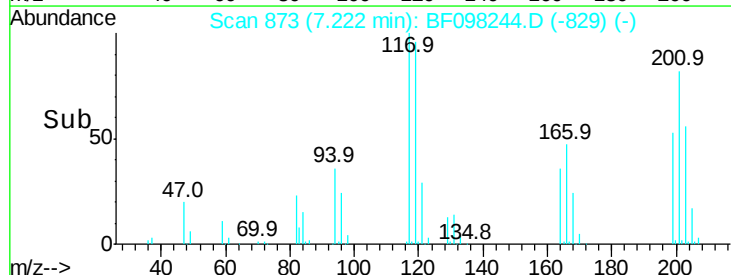
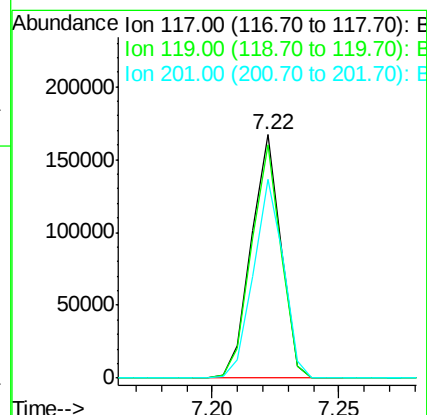
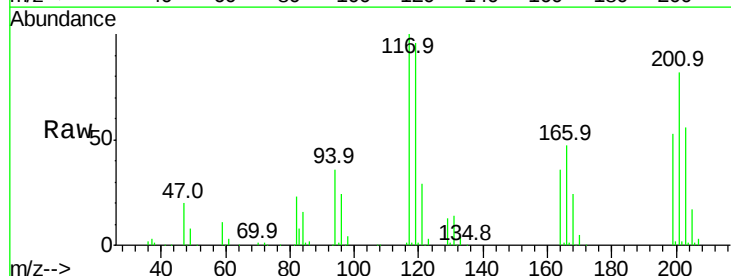
Instrument :
BNA_F
ClientSampleId :

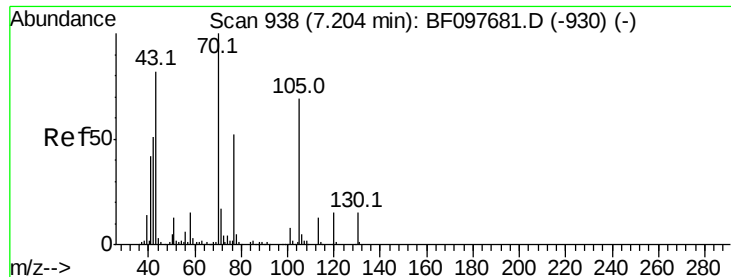
Tot Ion:107 Resp: 286230
Ion Ratio Lower Upper
107 100
108 114.5 93.4 140.0
77 51.0 35.8 53.6
79 47.6 34.8 52.2



#18
Hexachloroethane
Concen: 40.030 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.04 min
Lab File: BF098244.D
Acq: 2 Sep 2017 14:24

Tgt Ion:117 Resp: 136538
Ion Ratio Lower Upper
117 100
119 96.0 77.4 116.0
201 81.8 94.6 141.8#

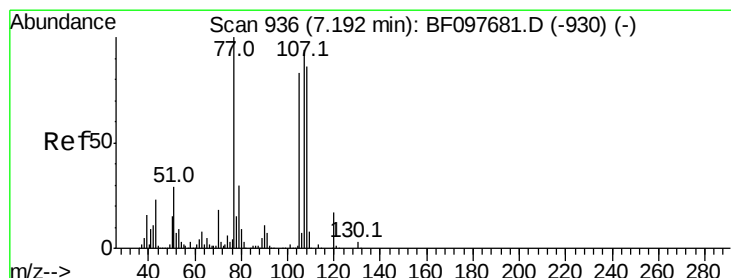
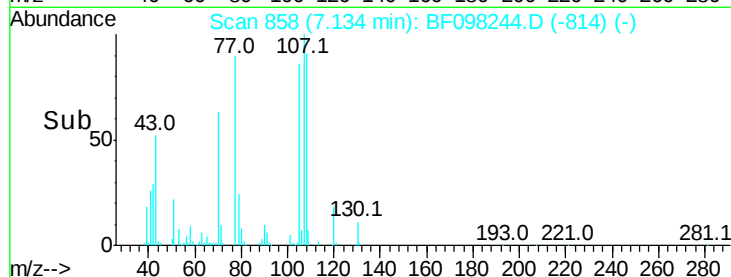
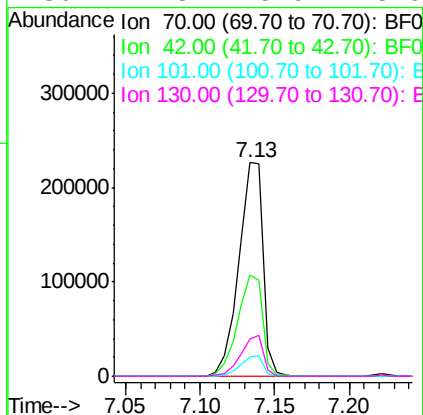
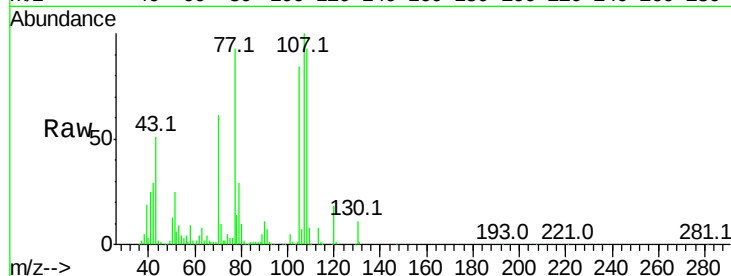




#19
n-Nitroso-di-n-propylamine
Concen: 36.428 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.04 min
Lab File: BF098244.D
Acq: 2 Sep 2017 14:24

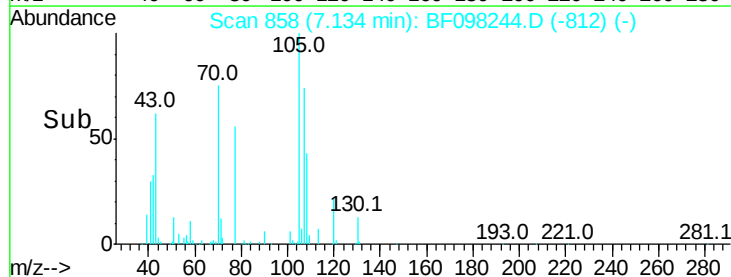
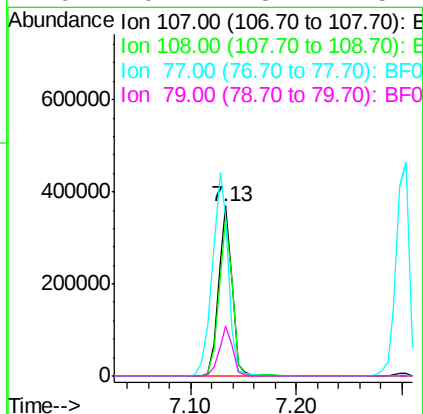
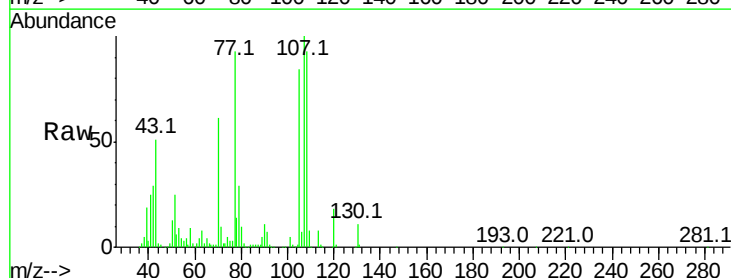
Instrument :
BNA_F
ClientSampleId :

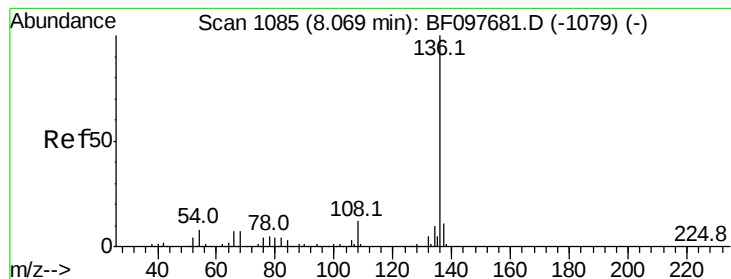
Tot Ion: 70 Resp: 255497
Ion Ratio Lower Upper
70 100
42 47.1 47.2 70.8#
101 8.8 7.2 10.8
130 17.3 15.9 23.9



#20
3+4-Methylphenols
Concen: 39.151 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.03 min
Lab File: BF098244.D
Acq: 2 Sep 2017 14:24

Tgt Ion: 107 Resp: 335119
Ion Ratio Lower Upper
107 100
108 92.8 71.0 111.0
77 93.3 90.5 130.5
79 29.1 8.4 48.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.04 min

Lab File: BF098244.D

Acq: 2 Sep 2017 14:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 462460

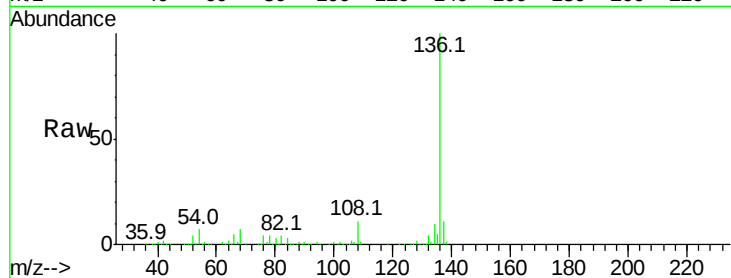
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 7.0 4.9 7.3

68 6.8 4.1 6.1#

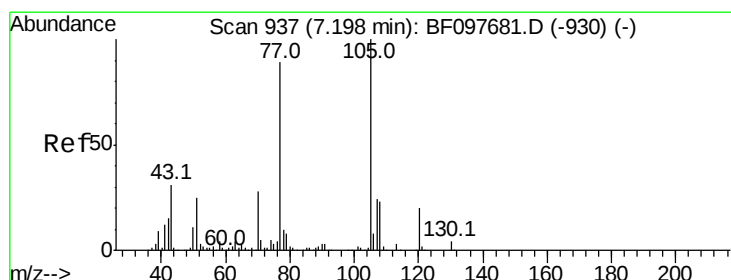
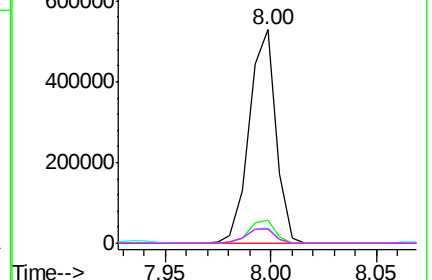
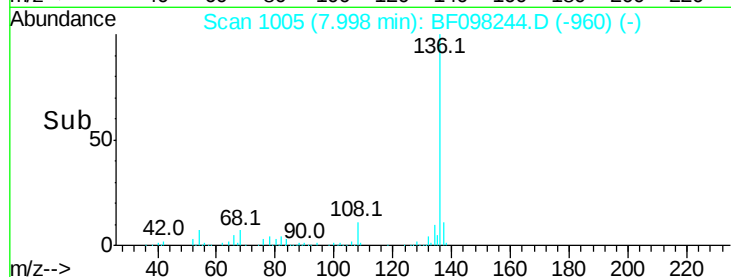


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 37.672 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.04 min

Lab File: BF098244.D

Acq: 2 Sep 2017 14:24

Tgt Ion:105 Resp: 460242

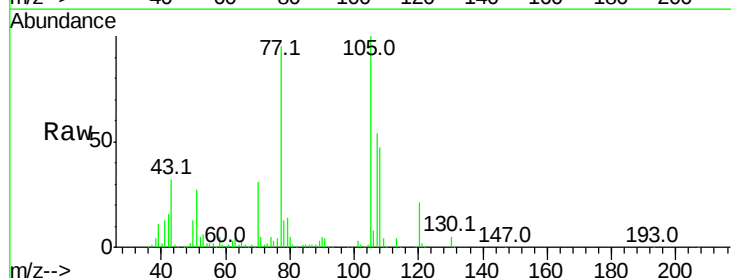
Ion Ratio Lower Upper

105 100

71 5.3 2.8 4.2#

51 26.7 30.7 46.1#

120 20.8 17.4 26.0

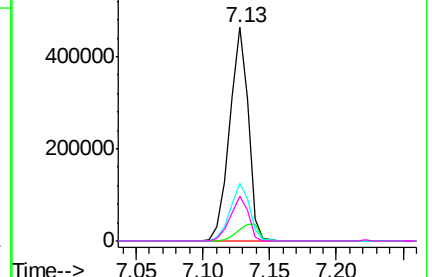
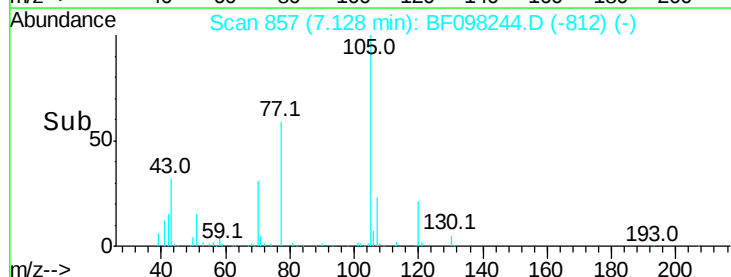


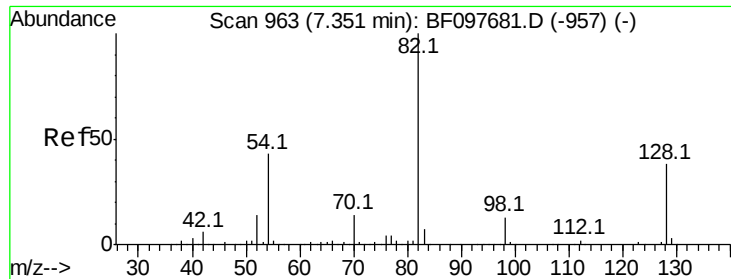
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

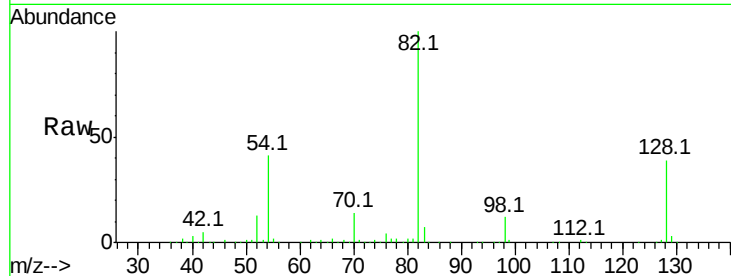




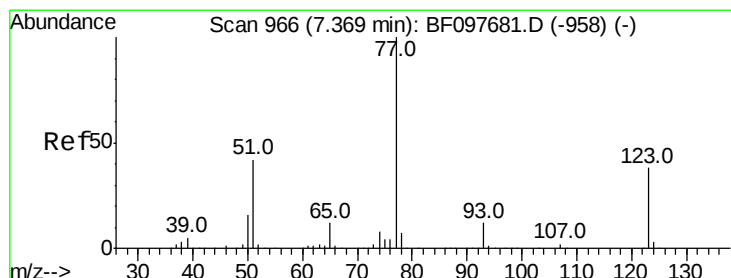
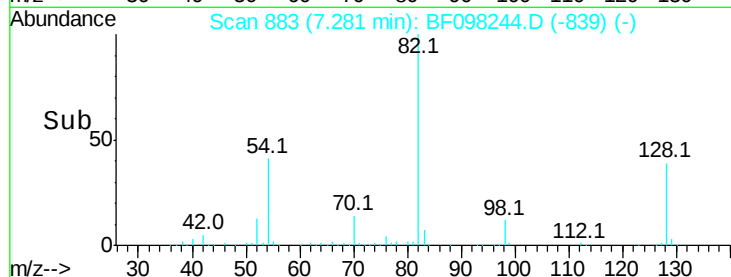
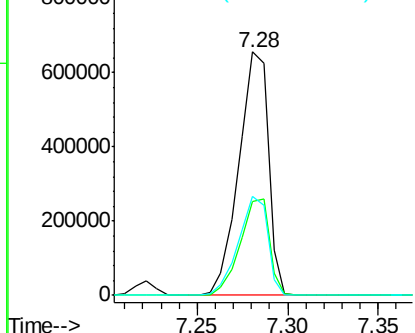
#23
Nitrobenzene-d5
Concen: 87.638 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.04 min
Lab File: BF098244.D
Acq: 2 Sep 2017 14:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 746056
Ion Ratio Lower Upper
82 100
128 38.7 34.0 51.0
54 40.8 42.2 63.2#

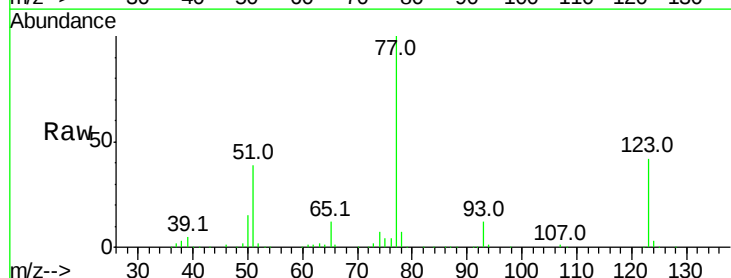


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

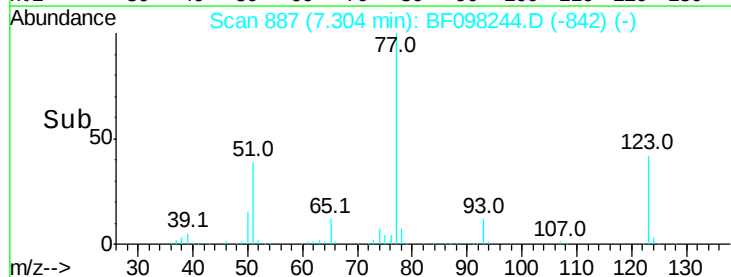
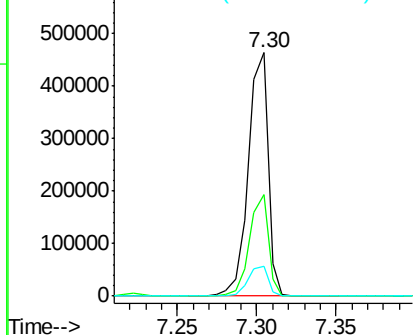


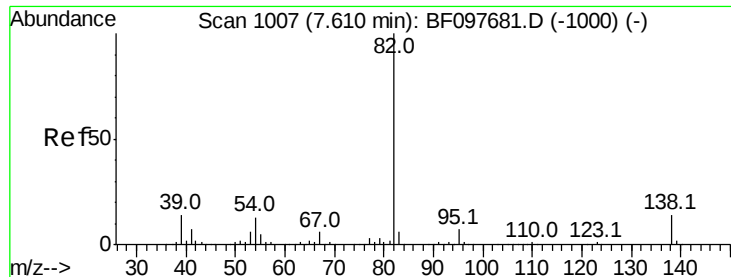
#24
Nitrobenzene
Concen: 42.268 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.04 min
Lab File: BF098244.D
Acq: 2 Sep 2017 14:24

Tgt Ion: 77 Resp: 400645
Ion Ratio Lower Upper
77 100
123 41.9 35.8 53.8
65 12.4 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: 38.797 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.04 min

Lab File: BF098244.D

Acq: 2 Sep 2017 14:24

Instrument :

BNA_F

ClientSampleId :

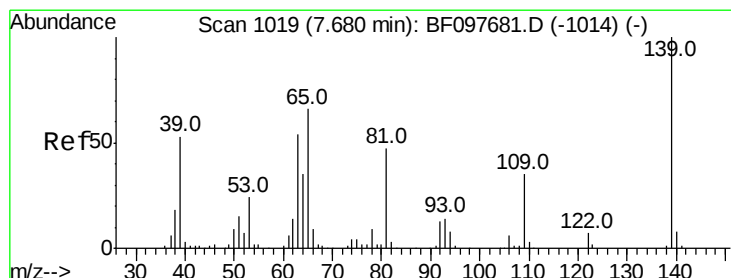
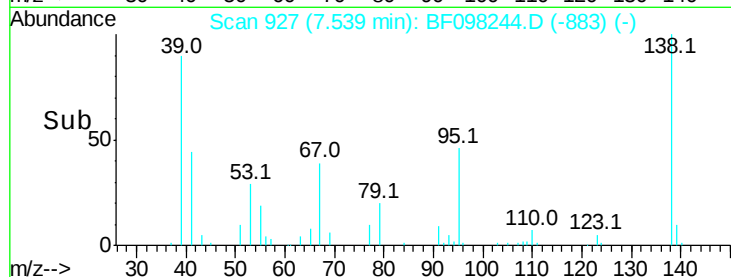
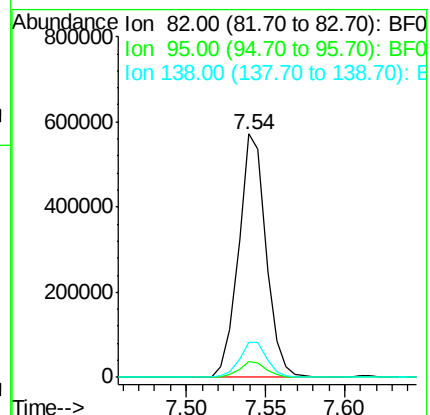
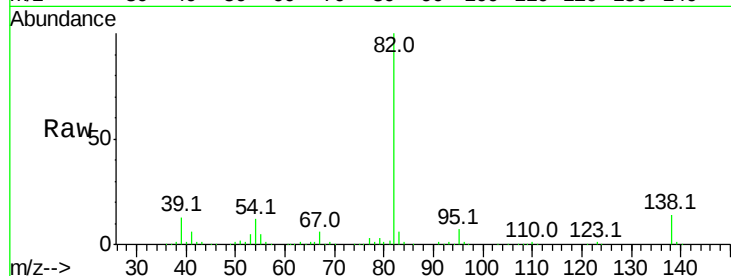
Tot Ion: 82 Resp: 686759

Ion Ratio Lower Upper

82 100

95 6.5 5.3 7.9

138 14.2 13.1 19.7



#26

2-Nitrophenol

Concen: 48.767 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.04 min

Lab File: BF098244.D

Acq: 2 Sep 2017 14:24

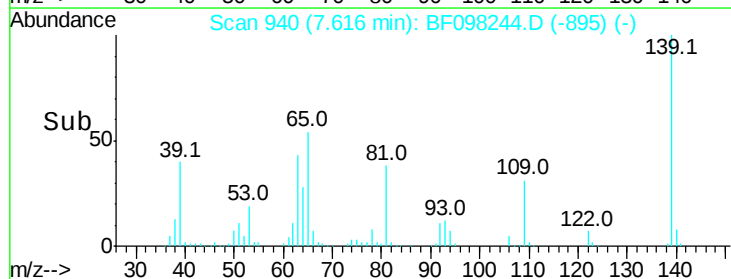
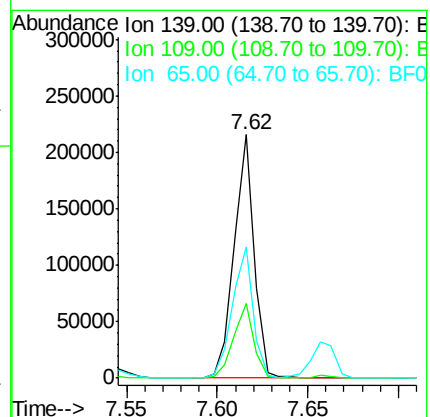
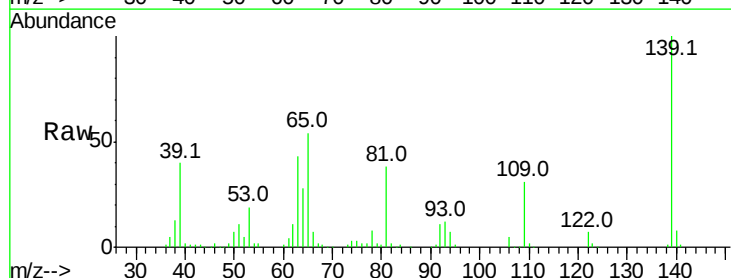
Tgt Ion:139 Resp: 167793

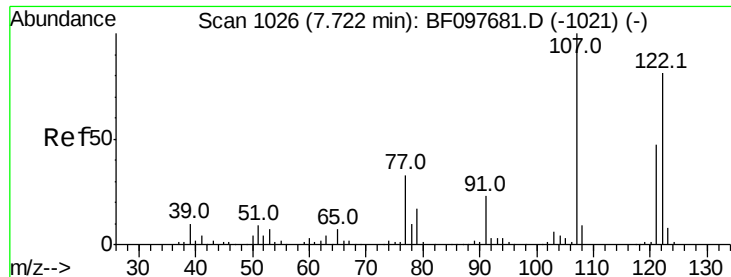
Ion Ratio Lower Upper

139 100

109 30.6 21.0 31.6

65 53.9 33.0 49.6#

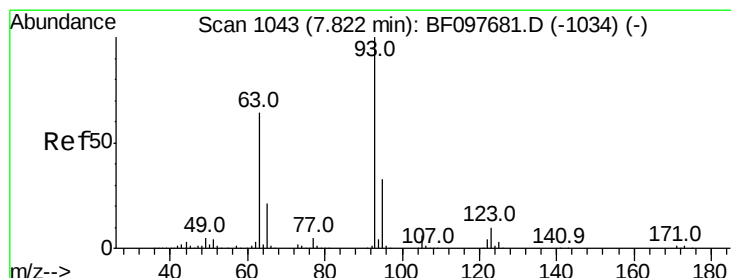
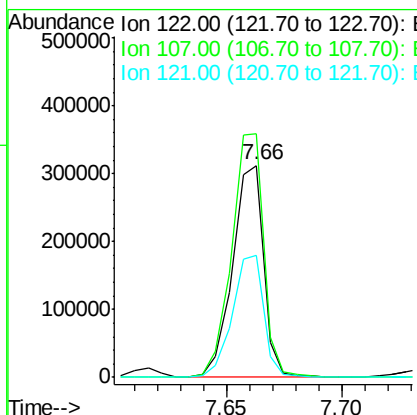
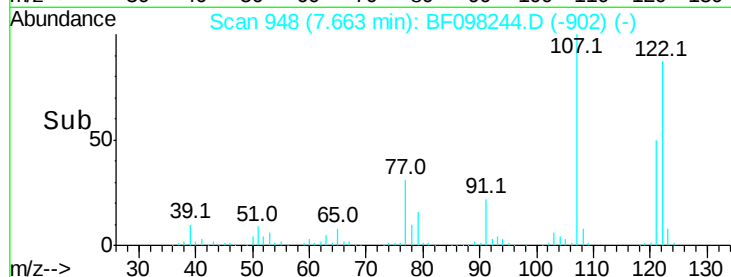
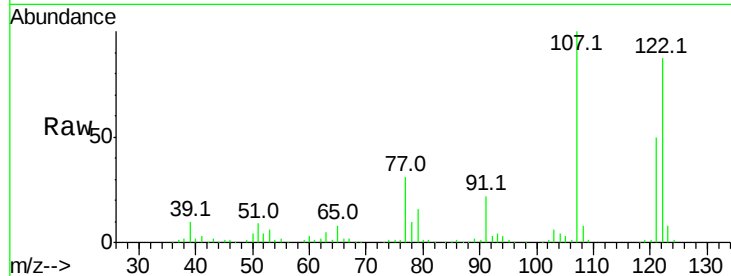




#27
 2,4-Dimethylphenol
 Concen: 40.014 ng
 RT: 7.66 min Scan# 948
 Delta R.T. -0.03 min
 Lab File: BF098244.D
 Acq: 2 Sep 2017 14:24

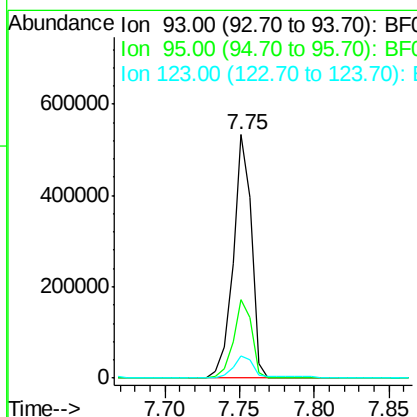
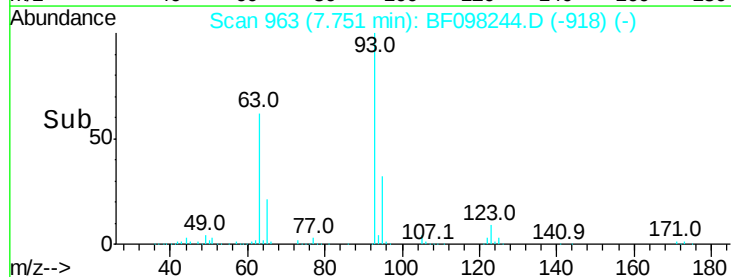
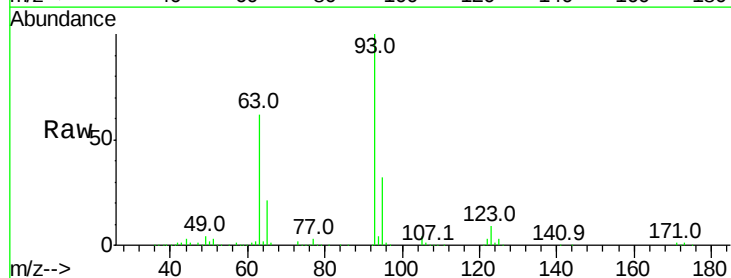
Instrument :
 BNA_F
 ClientSampleID :

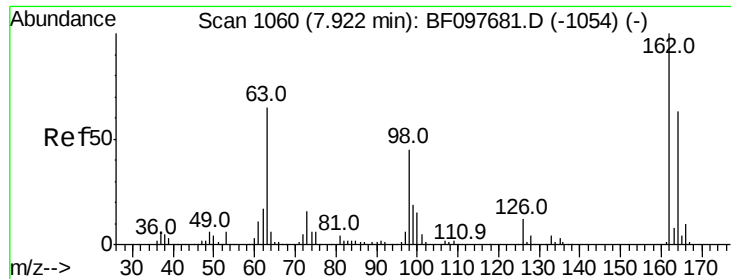
Tot Ion:	122	Resp:	295403
Ion	Ratio	Lower	Upper
122	100		
107	115.1	89.2	133.8
121	57.4	45.2	67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.557 ng
 RT: 7.75 min Scan# 963
 Delta R.T. -0.04 min
 Lab File: BF098244.D
 Acq: 2 Sep 2017 14:24

Tgt Ion:	93	Resp:	460345
Ion	Ratio	Lower	Upper
93	100		
95	32.0	26.5	39.7
123	9.2	9.0	13.4

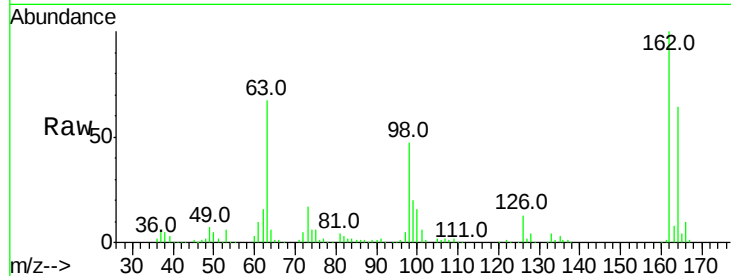




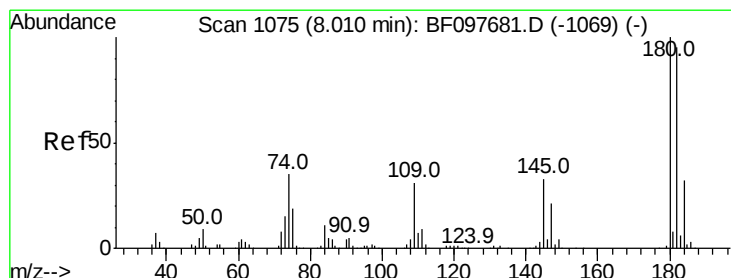
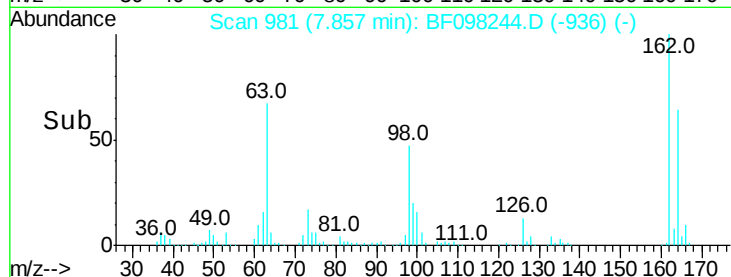
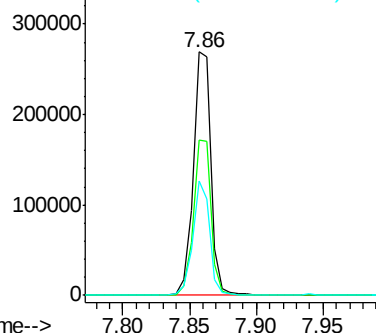
#29
 2,4-Dichlorophenol
 Concen: 41.302 ng
 RT: 7.86 min Scan# 981
 Delta R.T. -0.04 min
 Lab File: BF098244.D
 Acq: 2 Sep 2017 14:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 253102
 Ion Ratio Lower Upper
 162 100
 164 63.5 44.6 84.6
 98 46.8 14.8 54.8

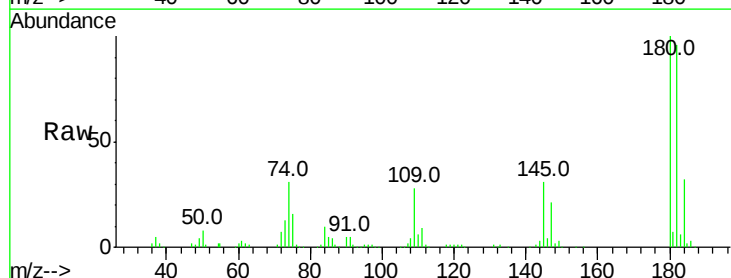


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

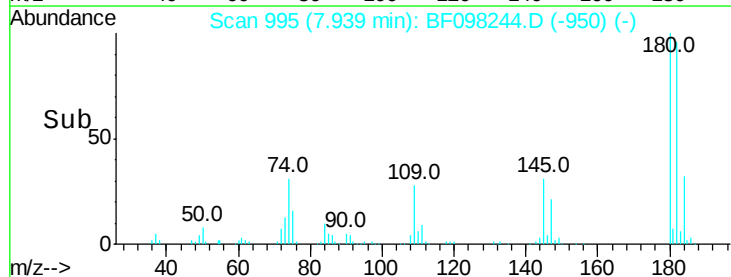
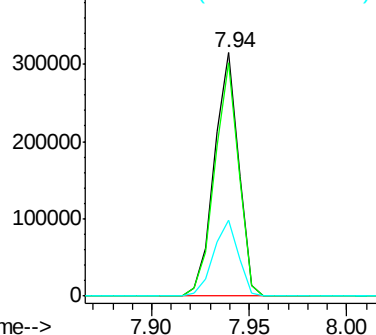


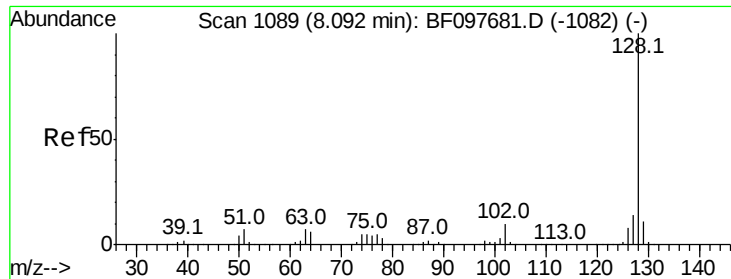
#30
 1,2,4-Trichlorobenzene
 Concen: 40.026 ng
 RT: 7.94 min Scan# 995
 Delta R.T. -0.04 min
 Lab File: BF098244.D
 Acq: 2 Sep 2017 14:24

Tgt Ion:180 Resp: 271917
 Ion Ratio Lower Upper
 180 100
 182 95.7 75.8 113.6
 145 31.4 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

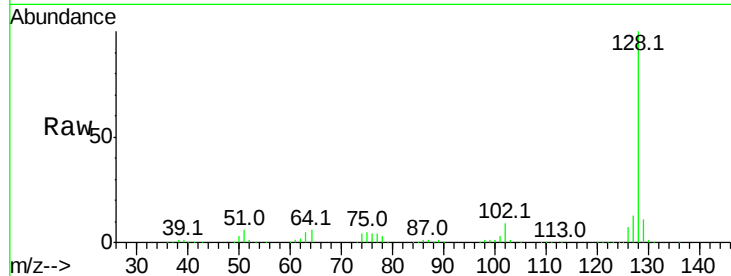




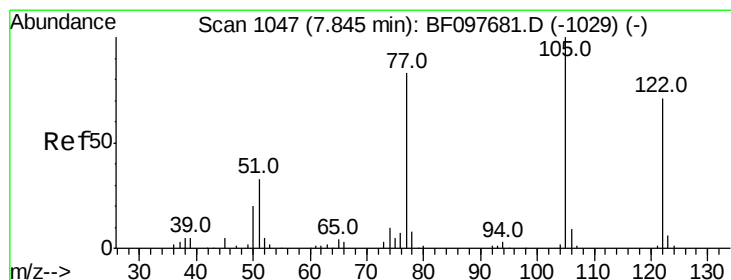
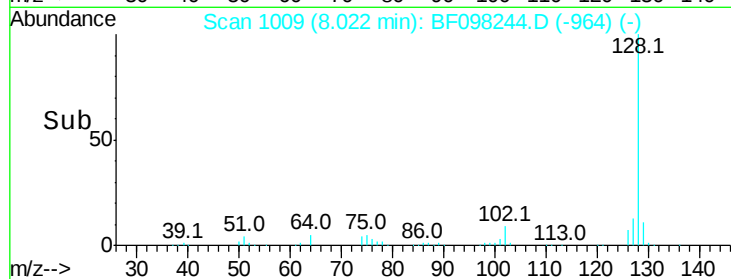
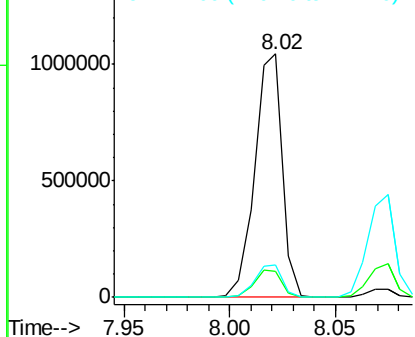
#31
Naphthalene
Concen: 39.527 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.04 min
Lab File: BF098244.D
Acq: 2 Sep 2017 14:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 948981
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.6
127 13.4 10.8 16.2

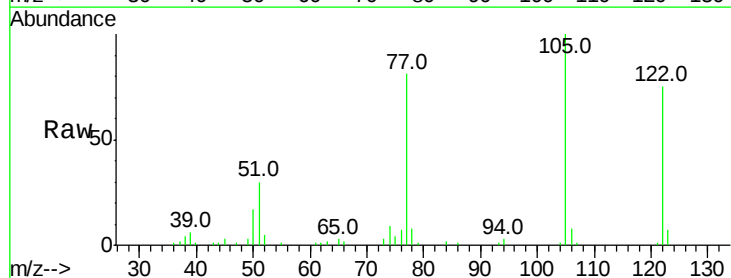


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

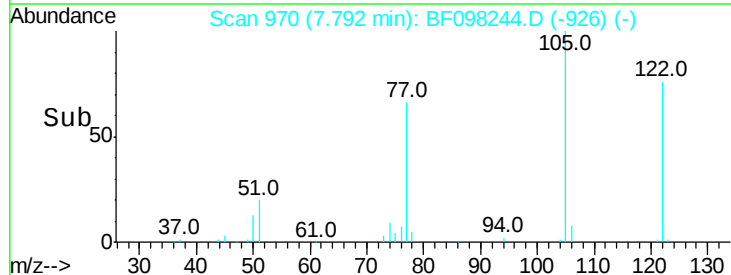
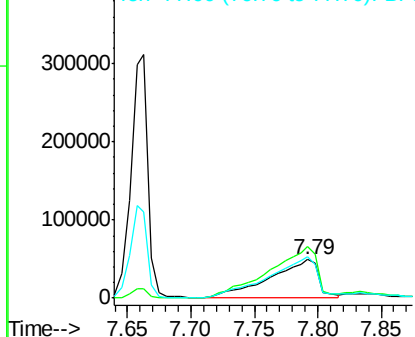


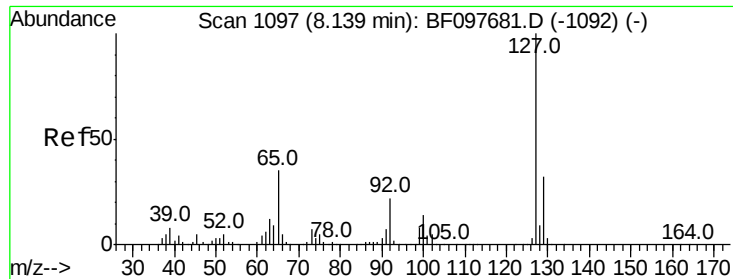
#32
Benzoic acid
Concen: 27.121 ng
RT: 7.79 min Scan# 970
Delta R.T. -0.04 min
Lab File: BF098244.D
Acq: 2 Sep 2017 14:24

Tgt Ion:122 Resp: 128589
Ion Ratio Lower Upper
122 100
105 132.8 103.3 143.3
77 107.8 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

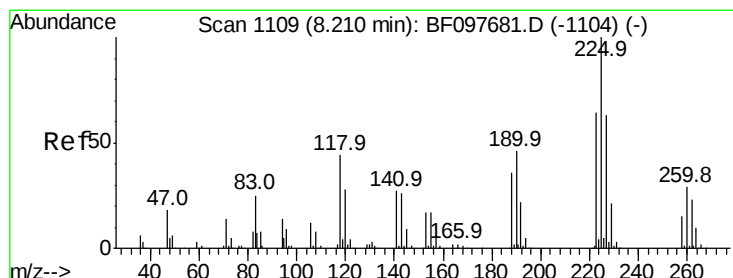
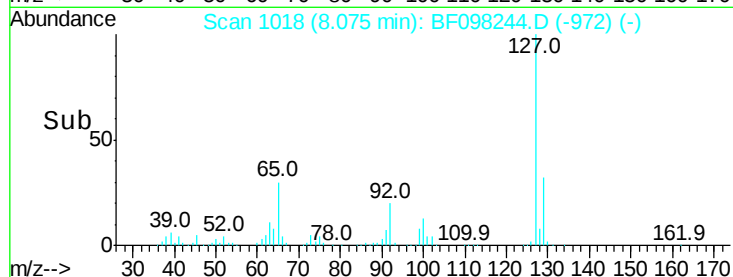
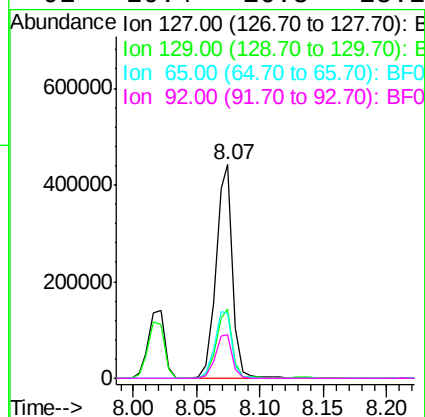
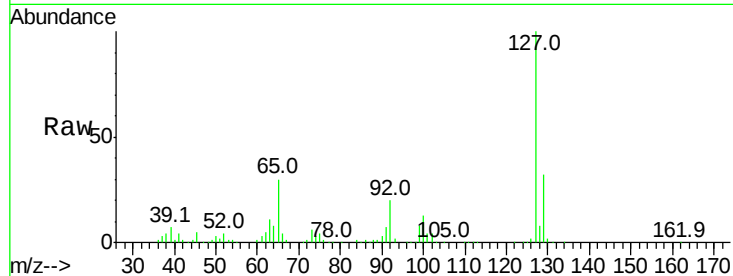




#33
4-Chloroaniline
Concen: 40.122 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.03 min
Lab File: BF098244.D
Acq: 2 Sep 2017 14:24

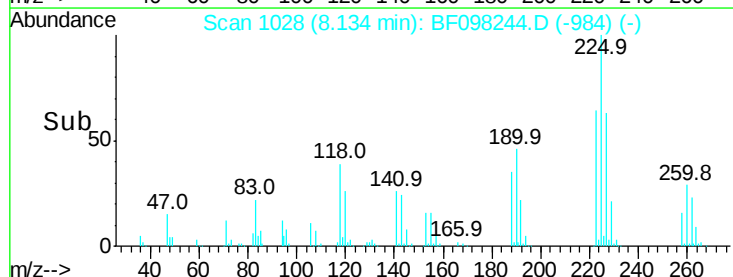
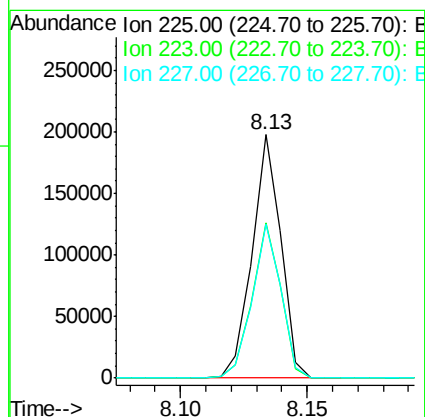
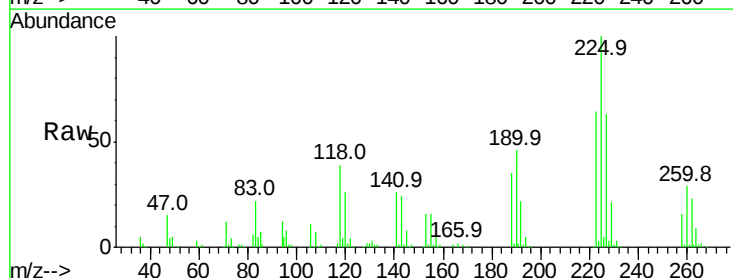
Instrument :
BNA_F
ClientSampleId :

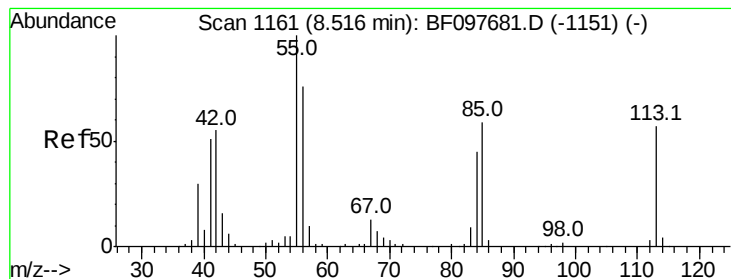
Tot Ion:	127	Resp:	406248
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.2	39.2
65	30.5	27.8	41.8
92	20.4	16.8	25.2



#34
Hexachlorobutadiene
Concen: 39.331 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.04 min
Lab File: BF098244.D
Acq: 2 Sep 2017 14:24

Tgt Ion:	225	Resp:	156005
Ion	Ratio	Lower	Upper
225	100		
223	63.5	48.8	73.2
227	63.5	51.1	76.7





#35

Caprolactam

Concen: 43.609 ng

RT: 8.46 min Scan# 1083

Delta R.T. -0.04 min

Lab File: BF098244.D

Acq: 2 Sep 2017 14:24

Instrument :

BNA_F

ClientSampleId :

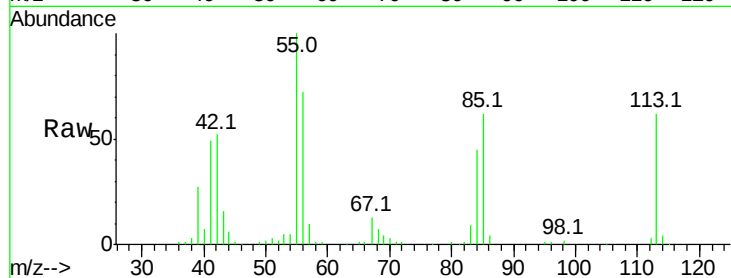
Tot Ion:113 Resp: 90852

Ion Ratio Lower Upper

113 100

55 161.5 150.2 190.2

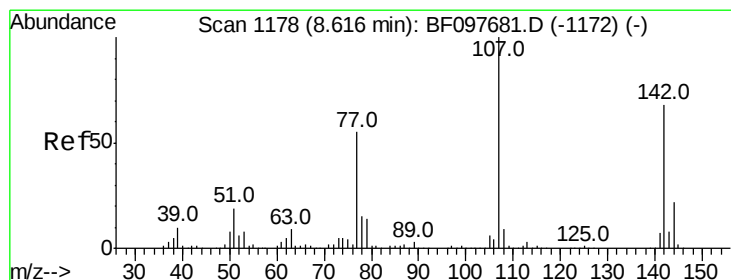
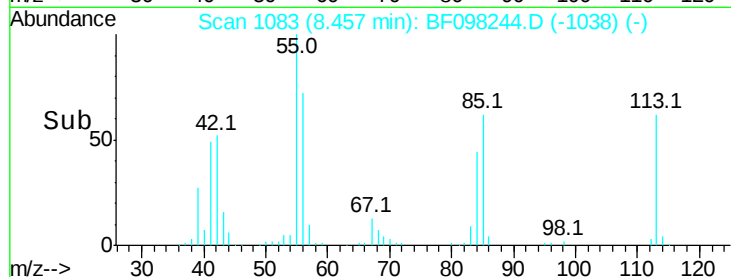
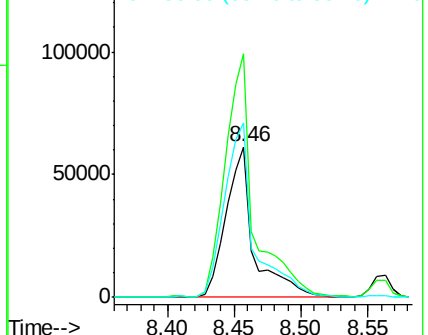
56 115.8 107.8 147.8



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



#36

4-Chloro-3-methylphenol

Concen: 40.537 ng

RT: 8.56 min Scan# 1101

Delta R.T. -0.02 min

Lab File: BF098244.D

Acq: 2 Sep 2017 14:24

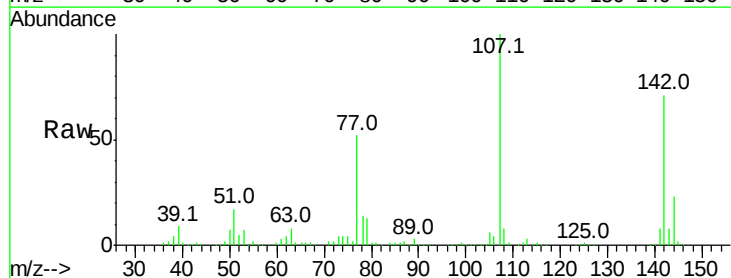
Tgt Ion:107 Resp: 319169

Ion Ratio Lower Upper

107 100

144 23.0 24.2 36.4#

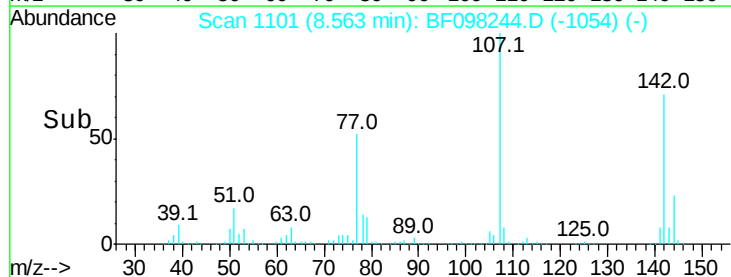
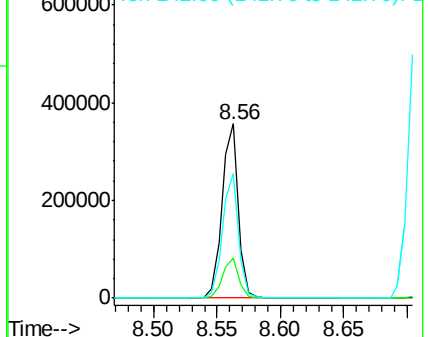
142 71.4 73.4 110.0#

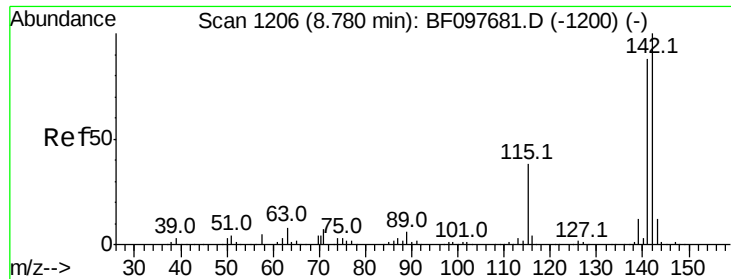


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

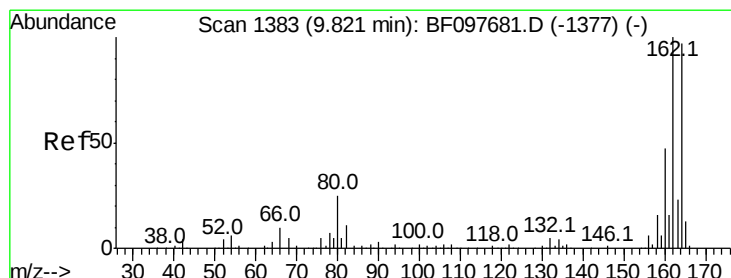
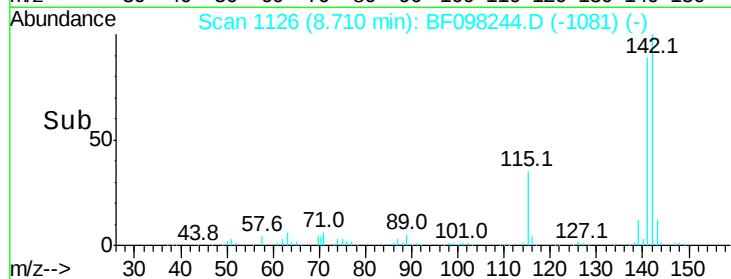
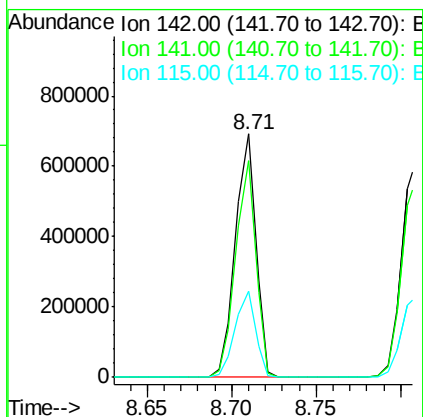
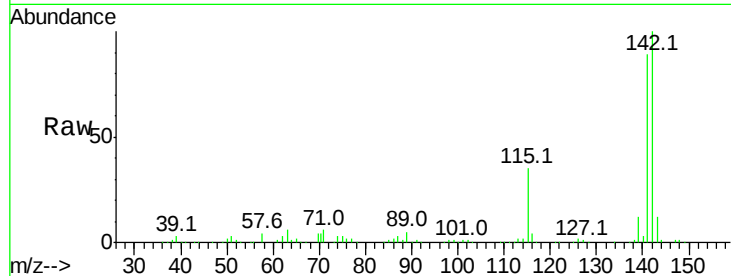




#37
2-Methylnaphthalene
Concen: 39.954 ng
RT: 8.71 min Scan# 1126
Delta R.T. -0.04 min
Lab File: BF098244.D
Acq: 2 Sep 2017 14:24

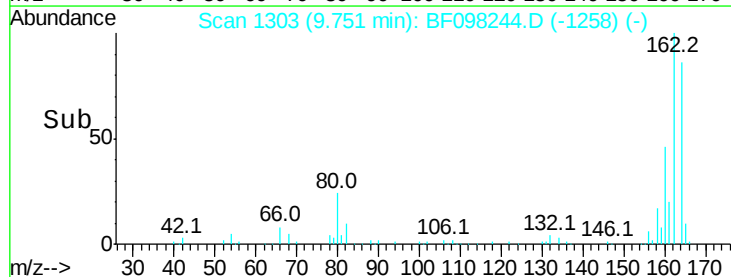
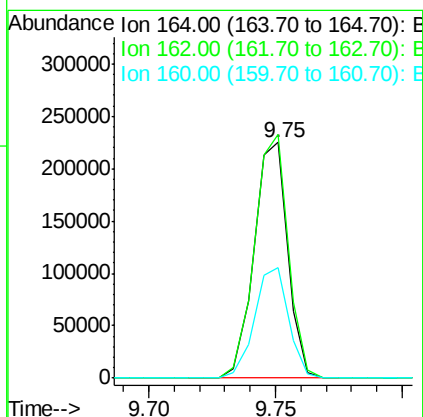
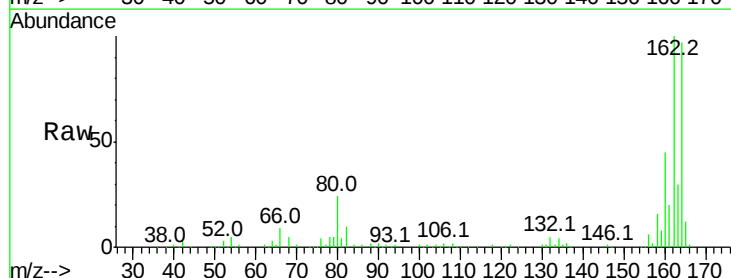
Instrument :
BNA_F
ClientSampleId :

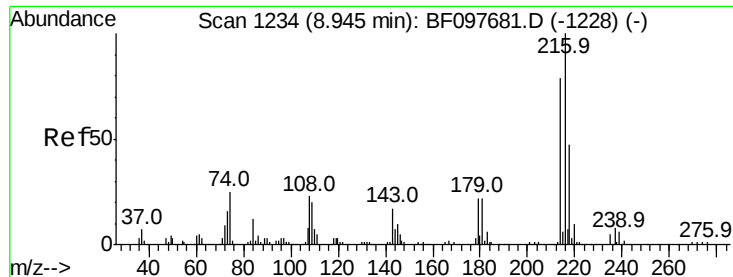
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.3	106.9
115	35.5	27.1	40.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.04 min
Lab File: BF098244.D
Acq: 2 Sep 2017 14:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.6	123.8
160	46.7	36.2	54.2

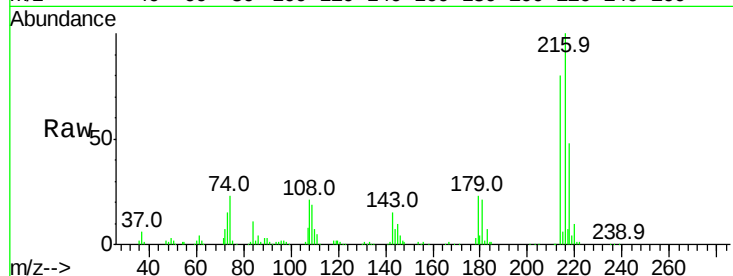




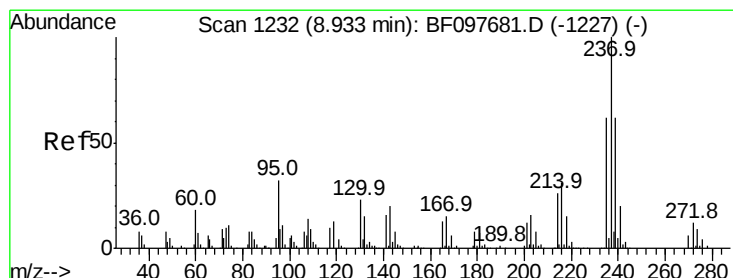
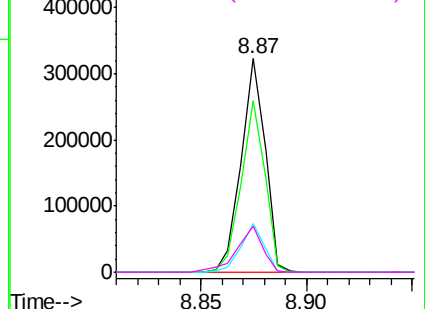
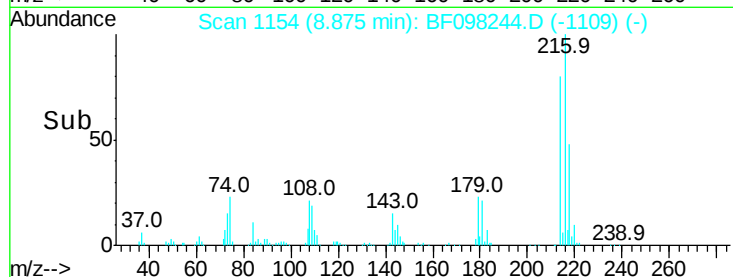
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.545 ng
 RT: 8.87 min Scan# 1154
 Delta R.T. -0.04 min
 Lab File: BF098244.D
 Acq: 2 Sep 2017 14:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	216	Resp:	253160
Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.4	95.2
179	21.8	17.9	26.9
108	23.4	16.5	24.7

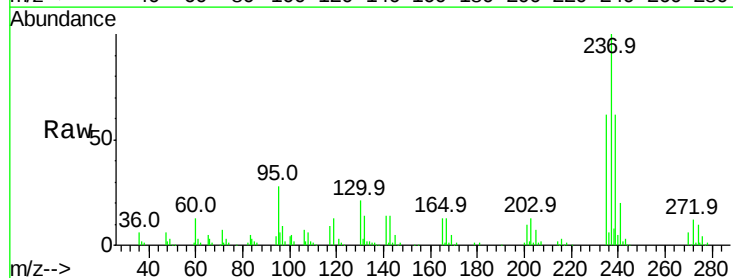


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

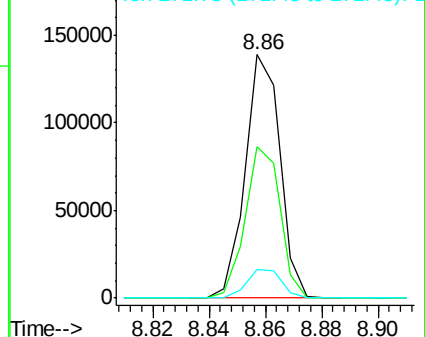
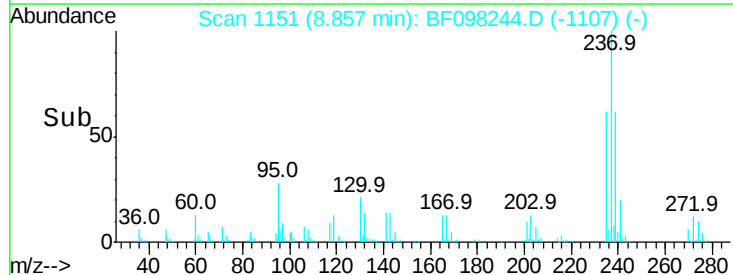


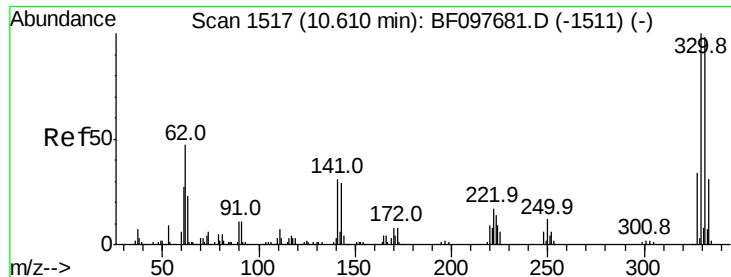
#40
 Hexachlorocyclopentadiene
 Concen: 38.508 ng
 RT: 8.86 min Scan# 1151
 Delta R.T. -0.04 min
 Lab File: BF098244.D
 Acq: 2 Sep 2017 14:24

Tgt Ion:	237	Resp:	118433
Ion	Ratio	Lower	Upper
237	100		
235	62.1	42.6	82.6
272	11.7	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: 86.919 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.04 min

Lab File: BF098244.D

Acq: 2 Sep 2017 14:24

Instrument :

BNA_F

ClientSampled :

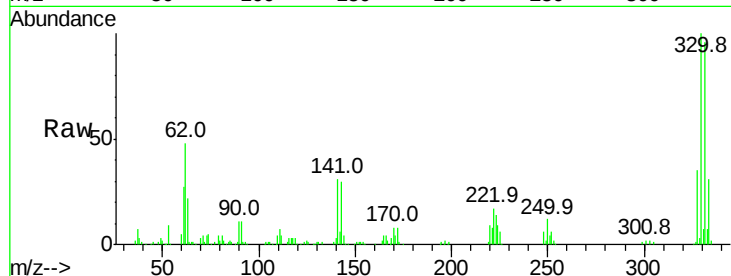
Tot Ion:330 Resp: 157319

Ion Ratio Lower Upper

330 100

332 96.1 76.6 115.0

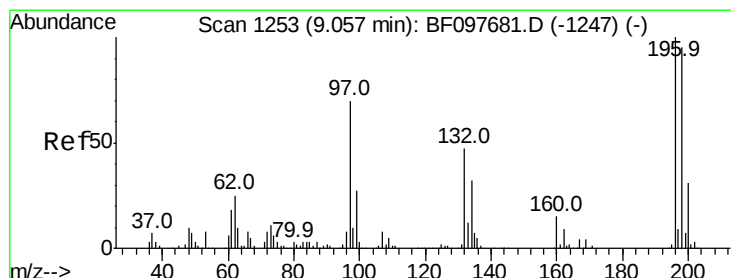
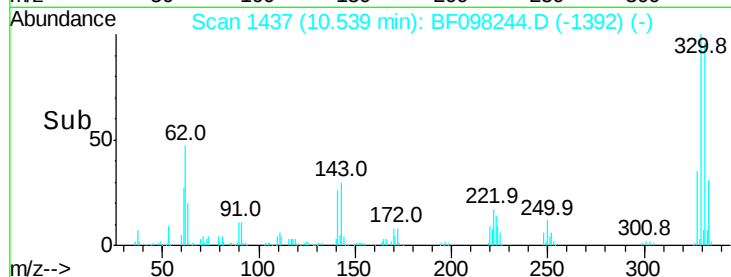
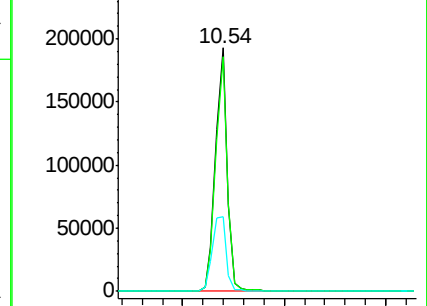
141 36.2 31.4 47.2



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 40.551 ng

RT: 8.99 min Scan# 1174

Delta R.T. -0.03 min

Lab File: BF098244.D

Acq: 2 Sep 2017 14:24

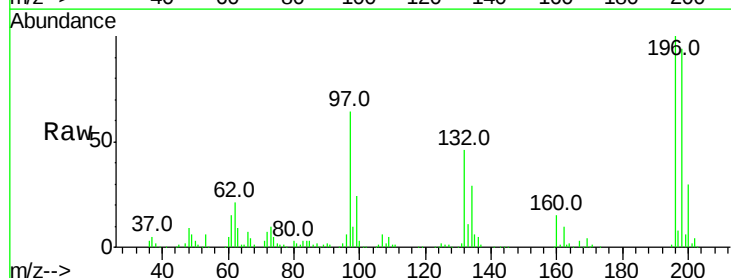
Tgt Ion:196 Resp: 174290

Ion Ratio Lower Upper

196 100

198 93.5 74.2 111.4

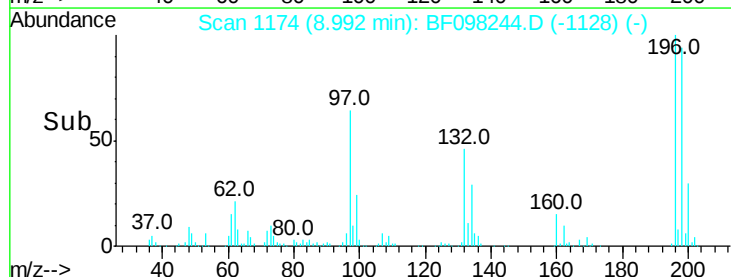
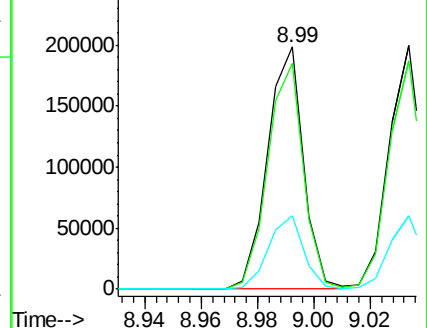
200 30.4 24.0 36.0

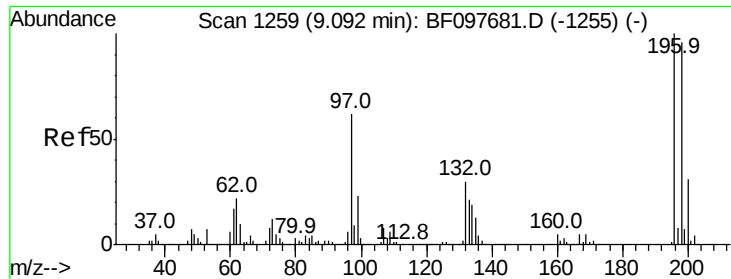


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

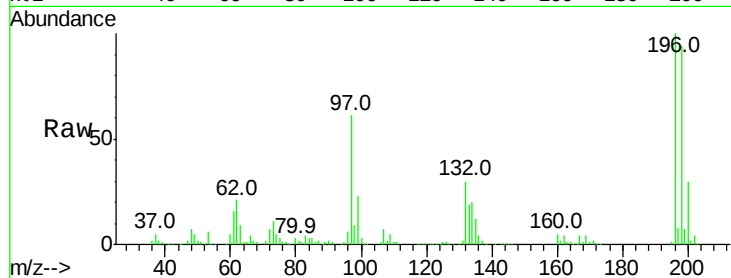




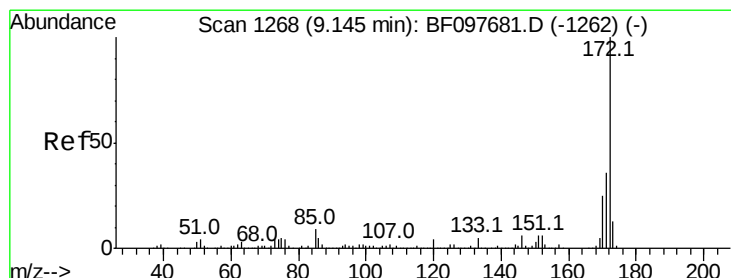
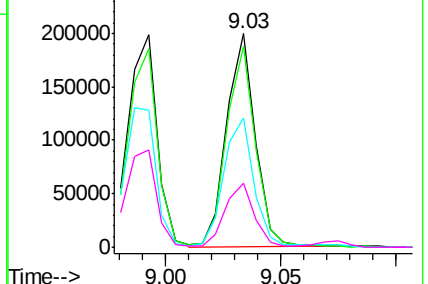
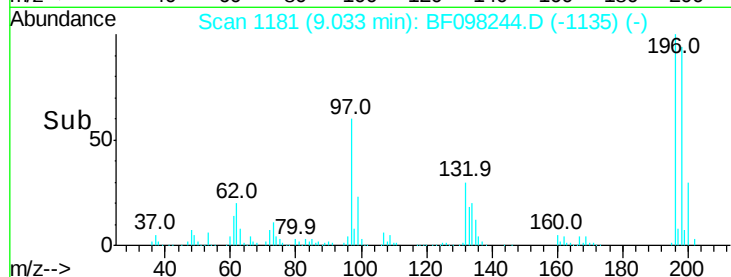
#43
 2,4,5-Trichlorophenol
 Concen: 40.487 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.03 min
 Lab File: BF098244.D
 Acq: 2 Sep 2017 14:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 172634
 Ion Ratio Lower Upper
 196 100
 198 93.9 75.7 113.5
 97 60.7 47.7 71.5
 132 30.0 28.0 42.0

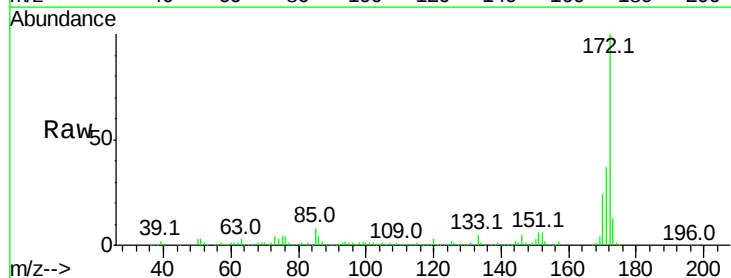


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

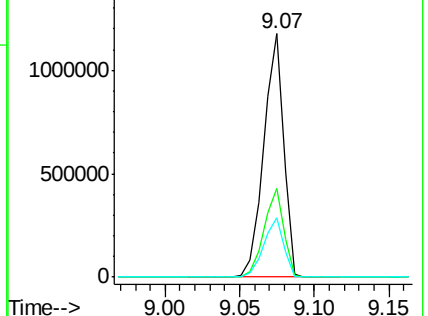
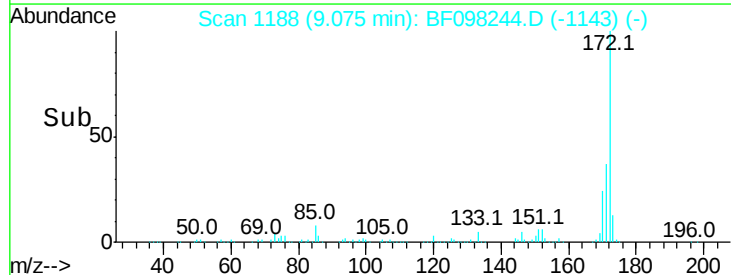


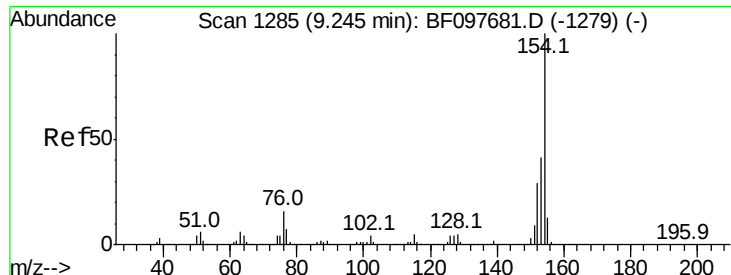
#44
 2-Fluorobiphenyl
 Concen: 75.245 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.04 min
 Lab File: BF098244.D
 Acq: 2 Sep 2017 14:24

Tgt Ion:172 Resp: 1068344
 Ion Ratio Lower Upper
 172 100
 171 36.6 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

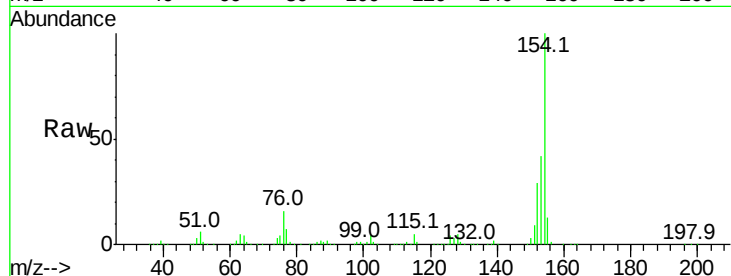




#45
 1,1'-Biphenyl
 Concen: 38.686 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.04 min
 Lab File: BF098244.D
 Acq: 2 Sep 2017 14:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.9	21.2	61.2
76	16.1	0.0	29.9

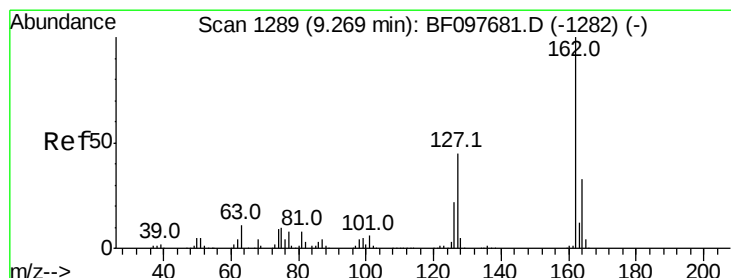
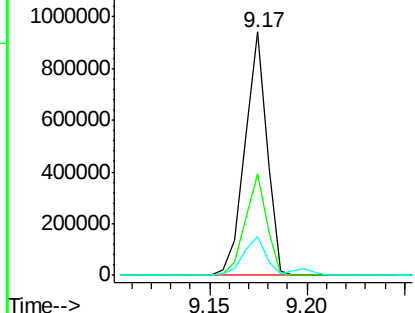
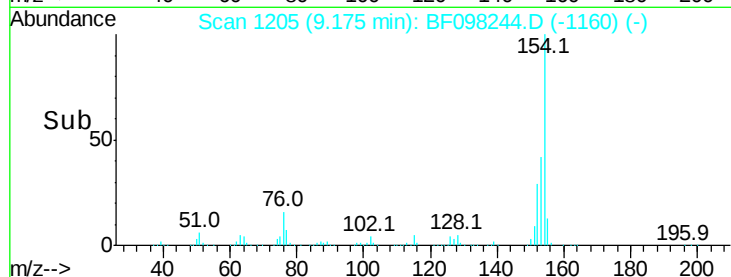


Abundance

Ion 154.00 (153.70 to 154.70): E

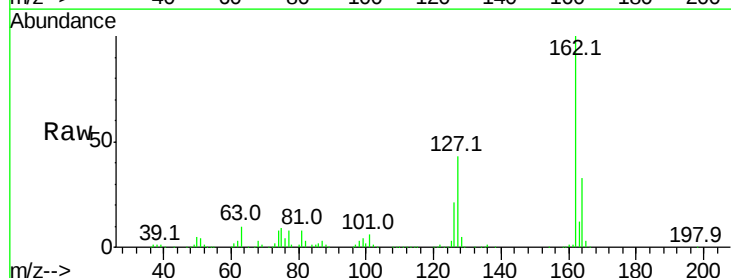
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46
 2-Chloronaphthalene
 Concen: 39.532 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.04 min
 Lab File: BF098244.D
 Acq: 2 Sep 2017 14:24

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.6	28.3	42.5#
164	32.8	27.0	40.4

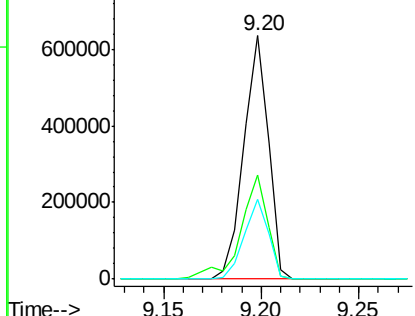
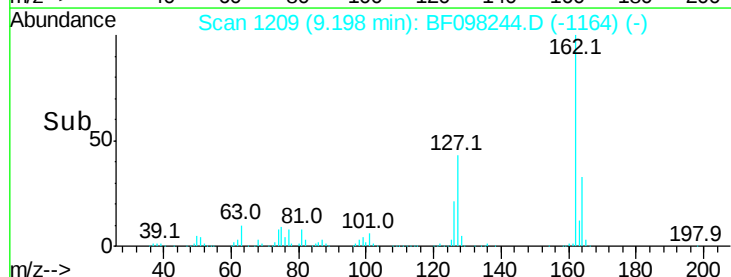


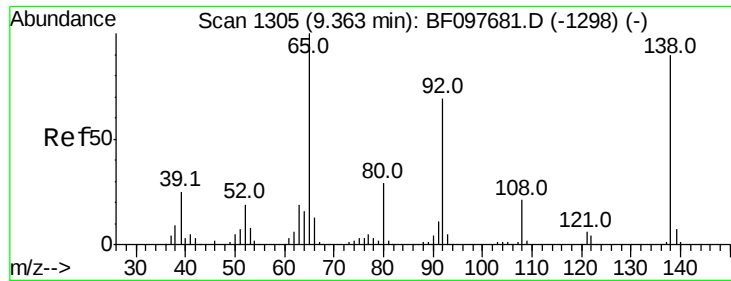
Abundance

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

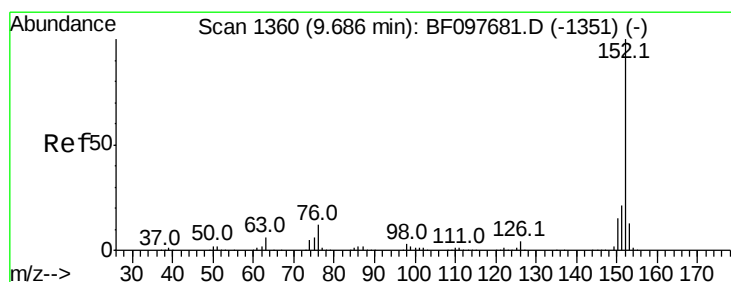
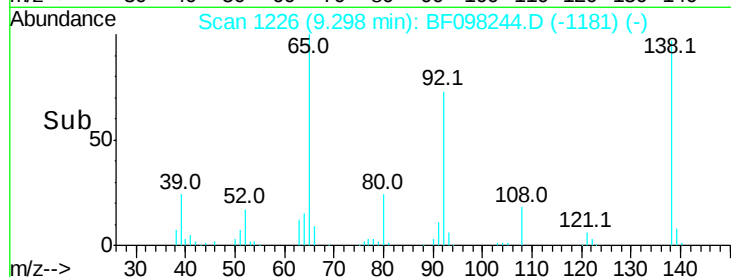
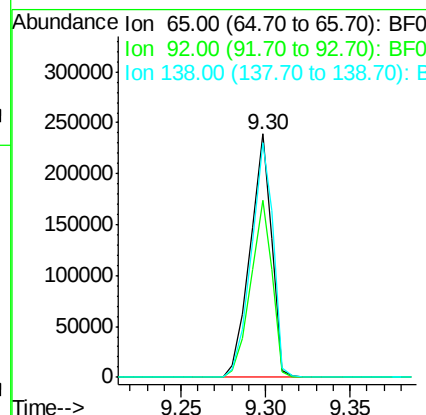
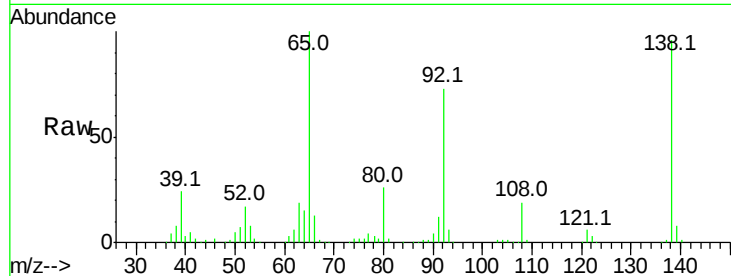




#47
2-Nitroaniline
Concen: 45.440 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.04 min
Lab File: BF098244.D
Acq: 2 Sep 2017 14:24

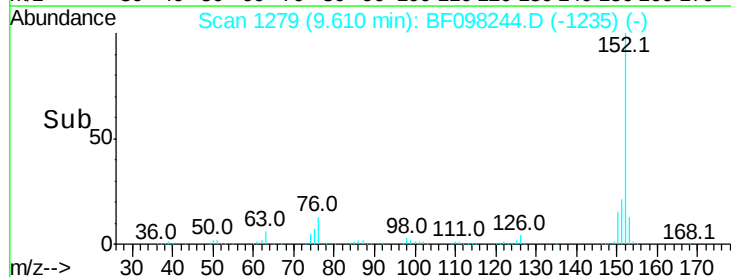
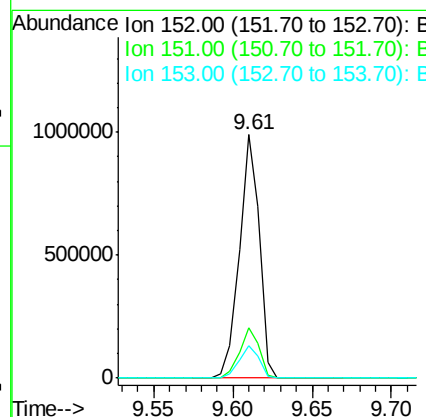
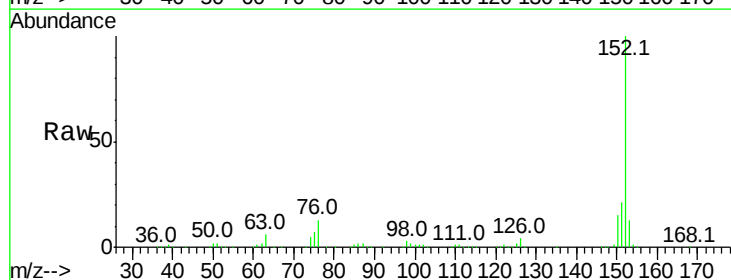
Instrument :
BNA_F
ClientSampleId :

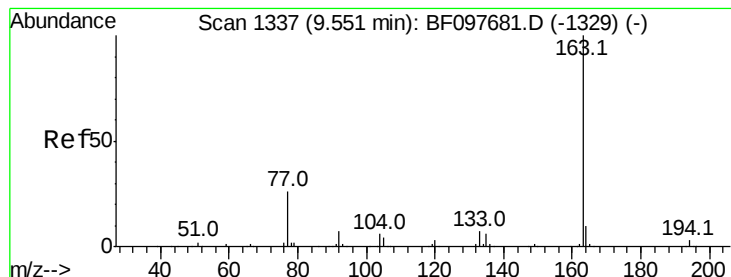
Tot Ion: 65 Resp: 214106
Ion Ratio Lower Upper
65 100
92 72.5 53.9 80.9
138 96.2 78.8 118.2



#48
Acenaphthylene
Concen: 38.895 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.04 min
Lab File: BF098244.D
Acq: 2 Sep 2017 14:24

Tgt Ion: 152 Resp: 858475
Ion Ratio Lower Upper
152 100
151 20.7 16.8 25.2
153 13.3 10.8 16.2





#49

Dimethylphthalate

Concen: 40.583 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.04 min

Lab File: BF098244.D

Acq: 2 Sep 2017 14:24

Instrument :

BNA_F

ClientSampleId :

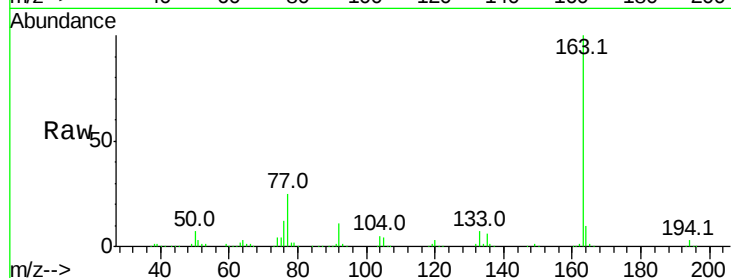
Tot Ion:163 Resp: 618817

Ion Ratio Lower Upper

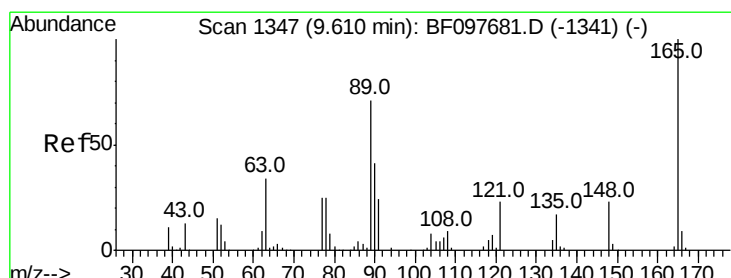
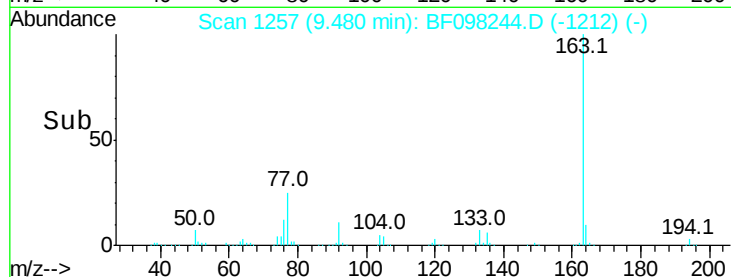
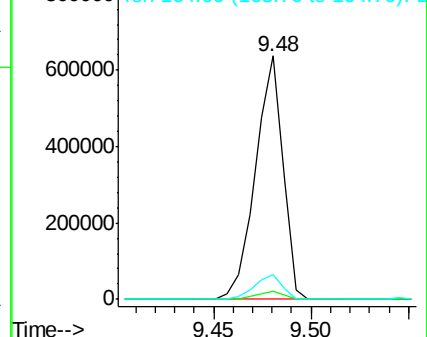
163 100

194 3.4 2.6 4.0

164 10.1 8.4 12.6



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



#50

2,6-Dinitrotoluene

Concen: 44.171 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.03 min

Lab File: BF098244.D

Acq: 2 Sep 2017 14:24

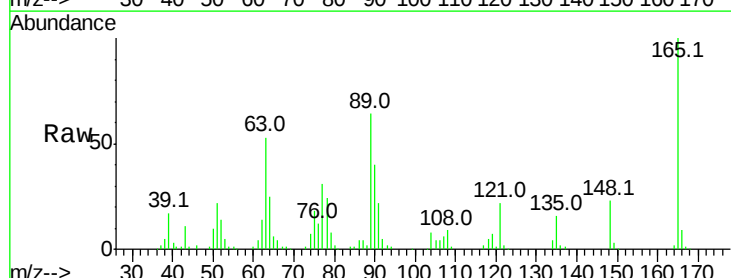
Tgt Ion:165 Resp: 134441

Ion Ratio Lower Upper

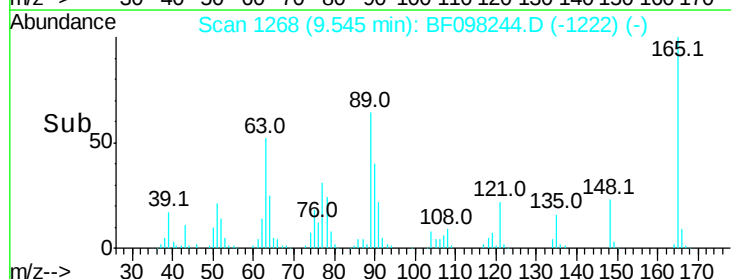
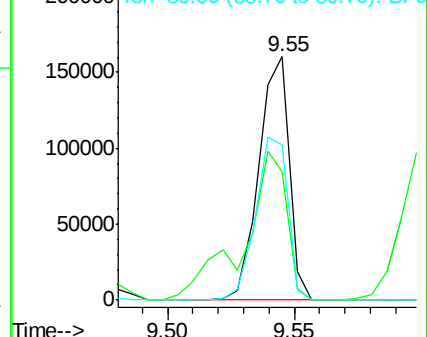
165 100

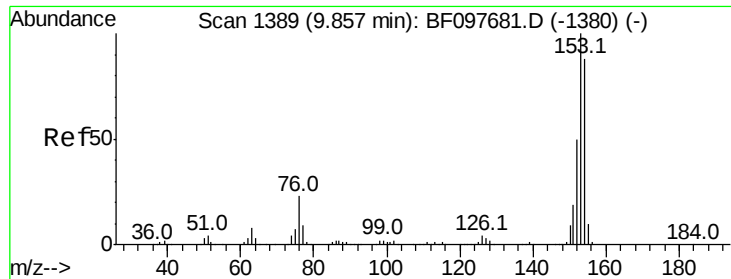
63 52.7 34.3 51.5#

89 63.9 37.1 55.7#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.011 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.04 min

Lab File: BF098244.D

Acq: 2 Sep 2017 14:24

Instrument :

BNA_F

ClientSampleId :

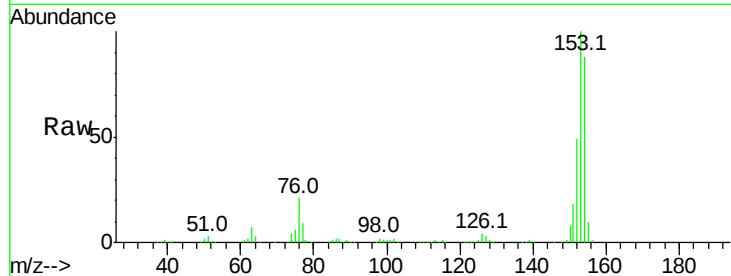
Tot Ion:154 Resp: 515203

Ion Ratio Lower Upper

154 100

153 114.1 90.5 135.7

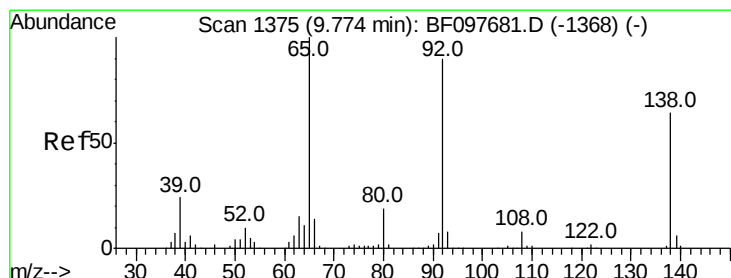
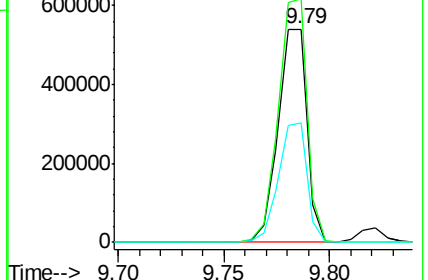
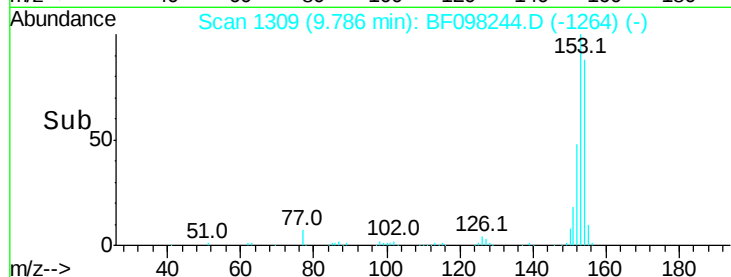
152 55.7 43.6 65.4



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: 46.648 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.04 min

Lab File: BF098244.D

Acq: 2 Sep 2017 14:24

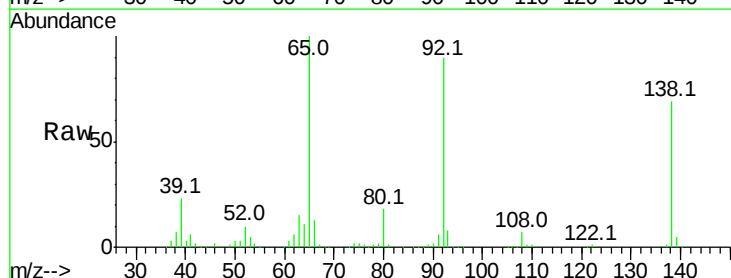
Tgt Ion:138 Resp: 183180

Ion Ratio Lower Upper

138 100

108 10.8 9.1 13.7

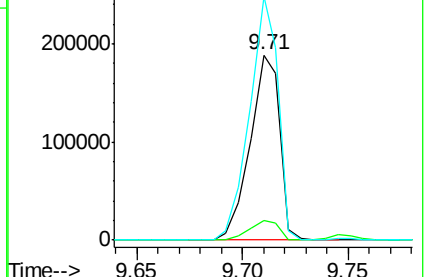
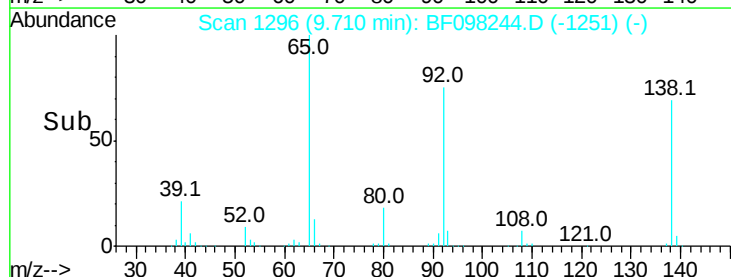
92 131.7 93.8 140.6

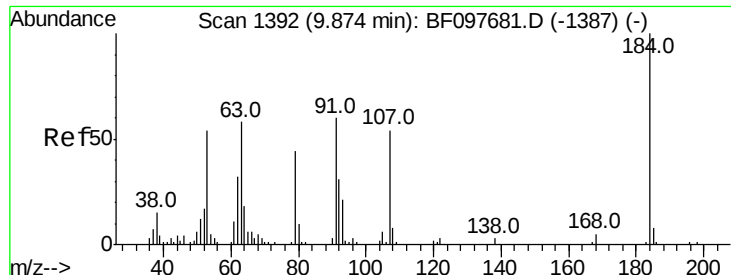


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

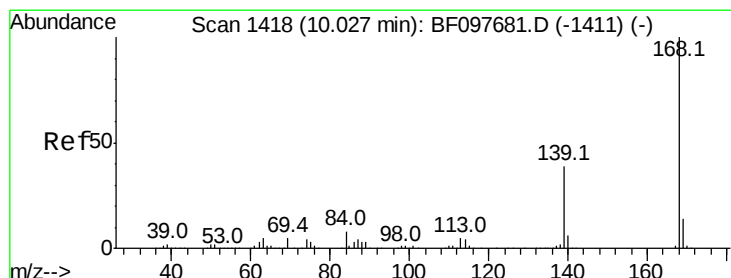
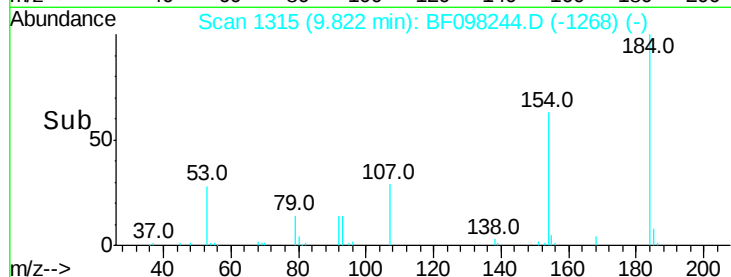
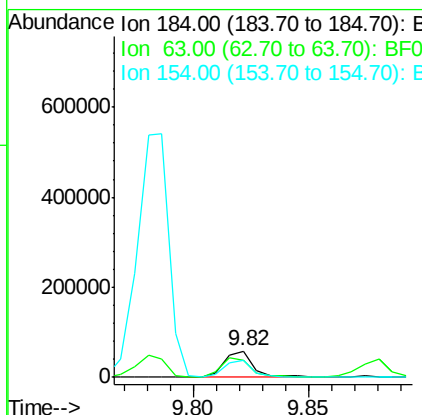
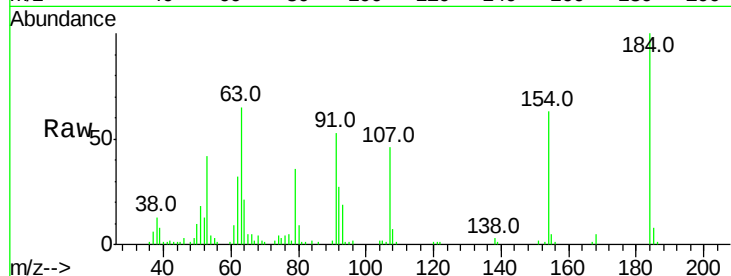




#53
 2,4-Dinitrophenol
 Concen: 42.177 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.02 min
 Lab File: BF098244.D
 Acq: 2 Sep 2017 14:24

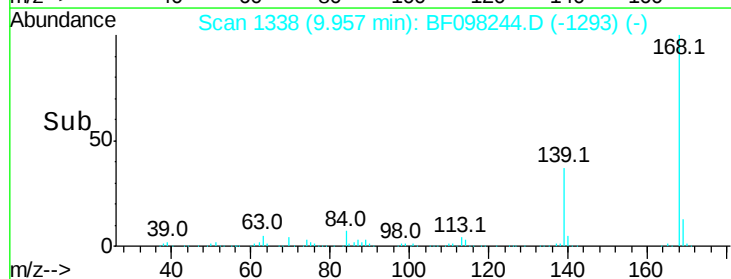
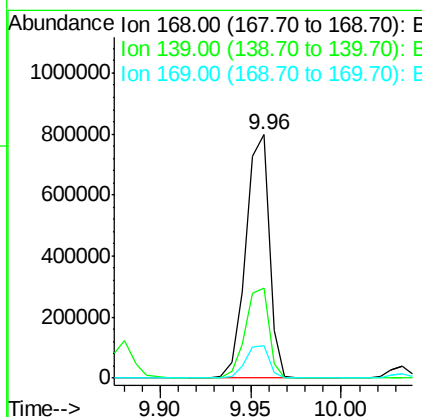
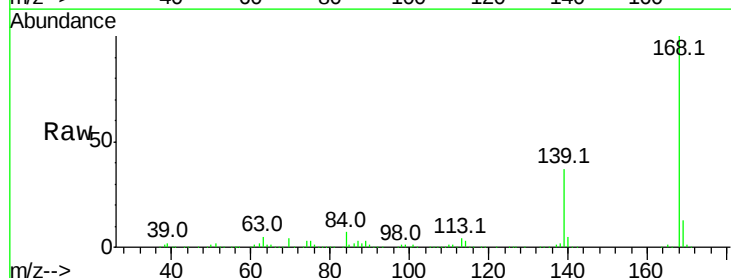
Instrument :
 BNA_F
 ClientSampleId :

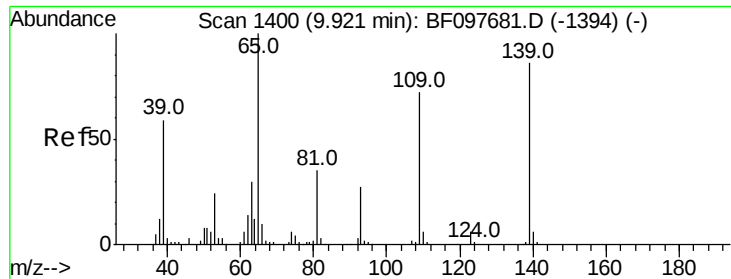
Tot Ion:184 Resp: 53115
 Ion Ratio Lower Upper
 184 100
 63 64.7 62.7 94.1
 154 62.9 81.1 121.7#



#54
 Dibenzofuran
 Concen: 38.258 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. -0.04 min
 Lab File: BF098244.D
 Acq: 2 Sep 2017 14:24

Tgt Ion:168 Resp: 713745
 Ion Ratio Lower Upper
 168 100
 139 36.9 30.6 45.8
 169 13.4 10.8 16.2





#55

4-Nitrophenol

Concen: 33.817 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BF098244.D

Acq: 2 Sep 2017 14:24

Instrument :

BNA_F

ClientSampleId :

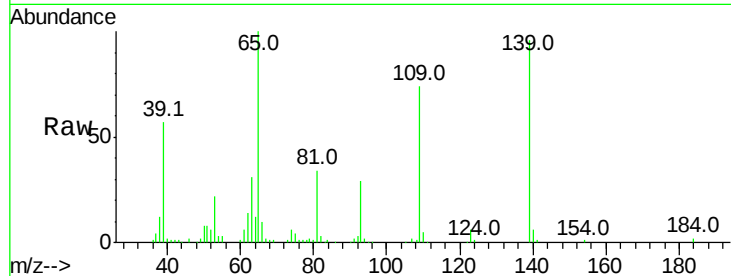
Tot Ion:139 Resp: 105933

Ion Ratio Lower Upper

139 100

109 76.9 34.1 74.1#

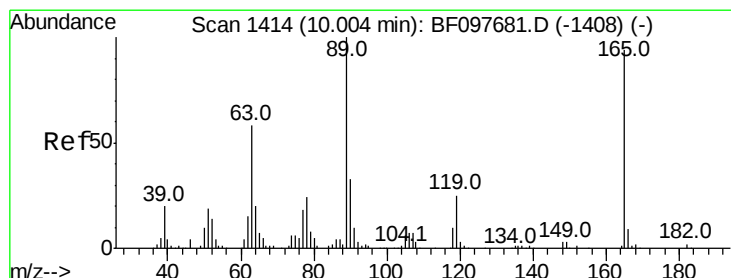
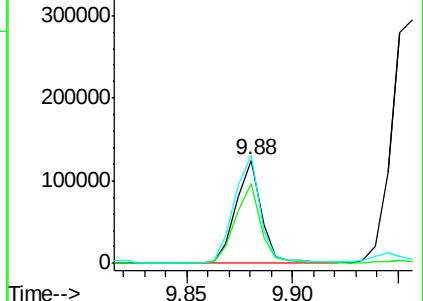
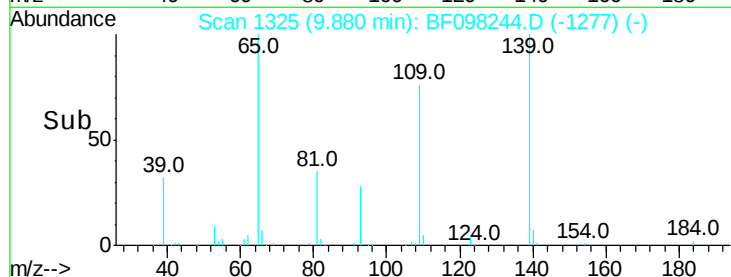
65 104.3 31.4 71.4#



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



#56

2,4-Dinitrotoluene

Concen: 44.650 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.03 min

Lab File: BF098244.D

Acq: 2 Sep 2017 14:24

Tgt Ion:165 Resp: 170550

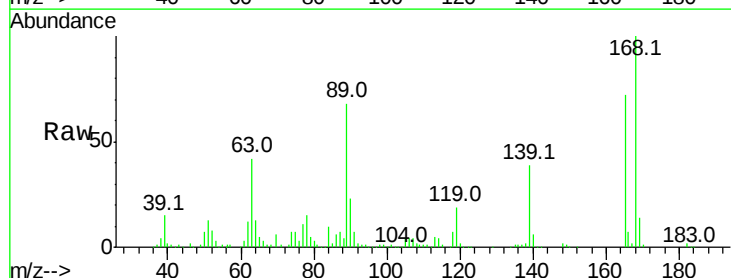
Ion Ratio Lower Upper

165 100

63 58.3 25.4 38.0#

89 94.0 46.4 69.6#

182 2.5 1.8 2.6

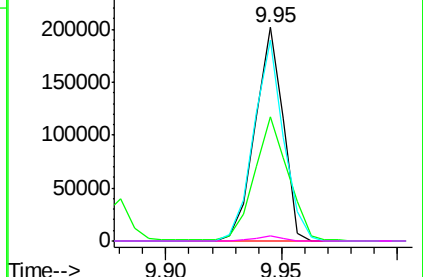
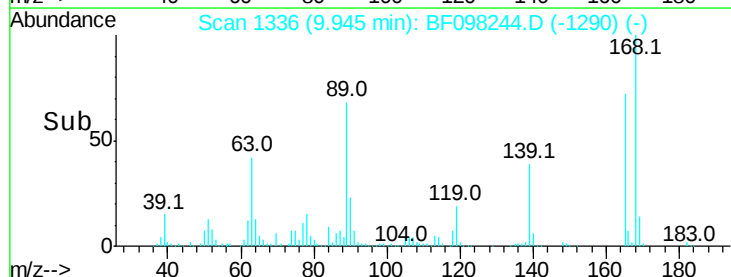


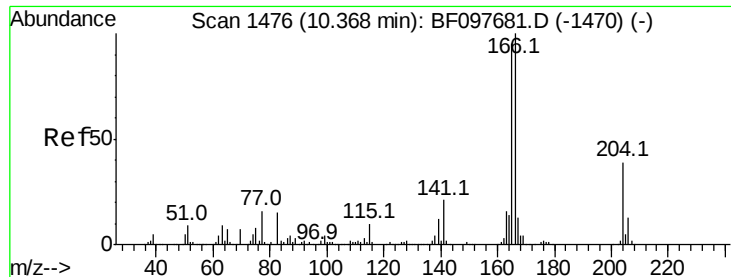
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

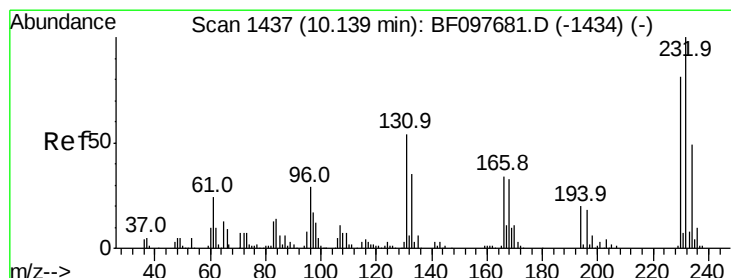
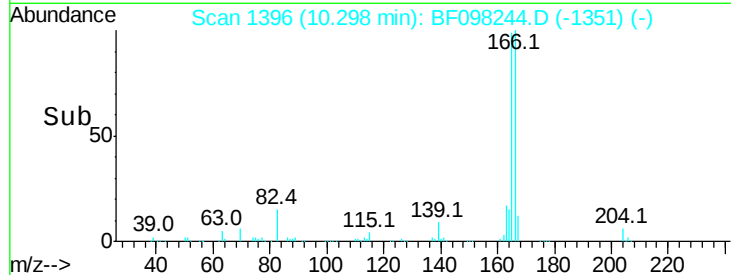
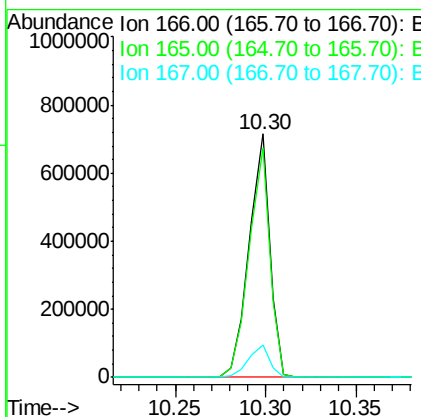
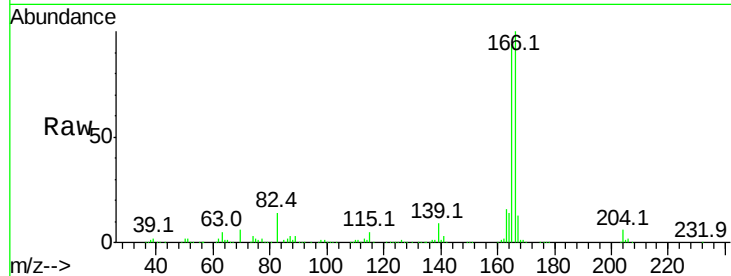




#57
 Fluorene
 Concen: 39.625 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. -0.04 min
 Lab File: BF098244.D
 Acq: 2 Sep 2017 14:24

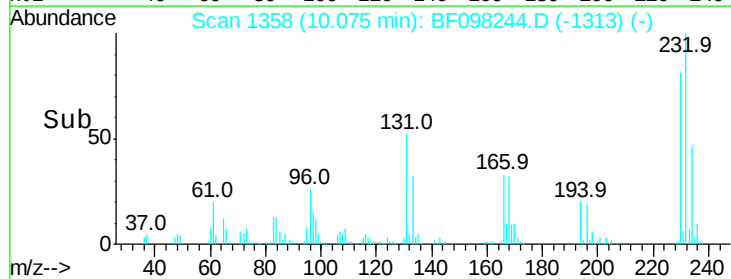
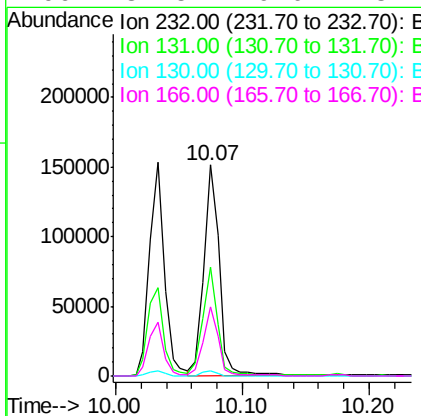
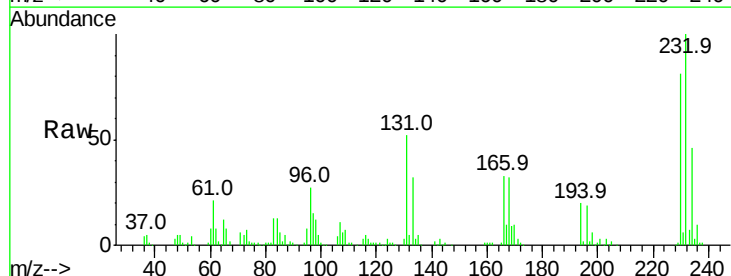
Instrument :
 BNA_F
 ClientSampled :

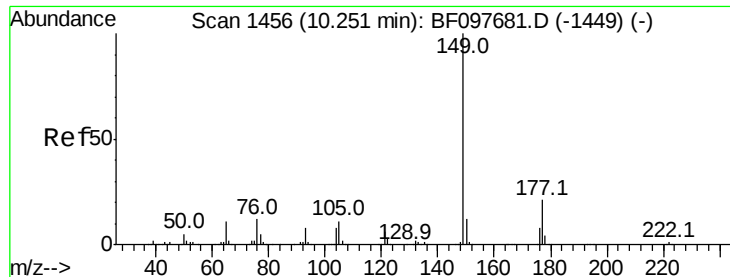
Tot Ion:166 Resp: 571560
 Ion Ratio Lower Upper
 166 100
 165 94.1 78.8 118.2
 167 13.3 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.064 ng
 RT: 10.07 min Scan# 1358
 Delta R.T. -0.04 min
 Lab File: BF098244.D
 Acq: 2 Sep 2017 14:24

Tgt Ion:232 Resp: 128962
 Ion Ratio Lower Upper
 232 100
 131 48.4 44.8 67.2
 130 2.4 2.3 3.5
 166 31.5 29.0 43.4

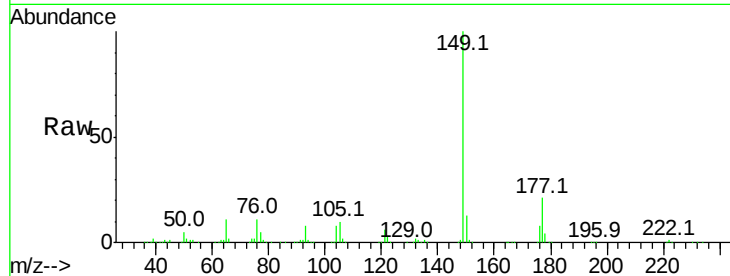




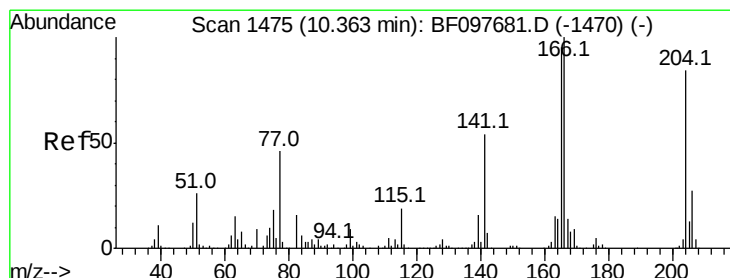
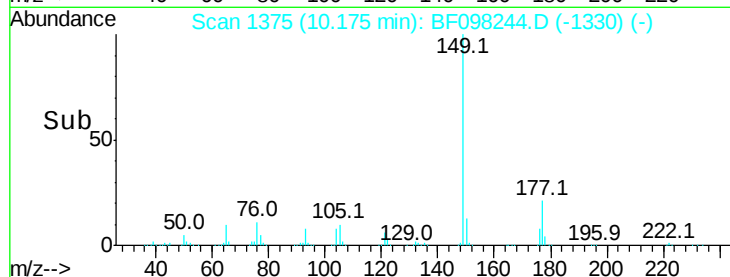
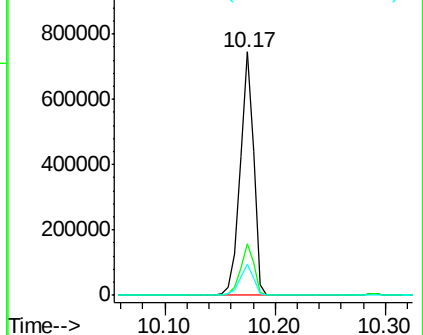
#59
Diethylphthalate
Concen: 40.018 ng
RT: 10.17 min Scan# 1375
Delta R.T. -0.04 min
Lab File: BF098244.D
Acq: 2 Sep 2017 14:24

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 638112
Ion Ratio Lower Upper
149 100
177 21.0 16.7 25.1
150 12.8 10.2 15.2

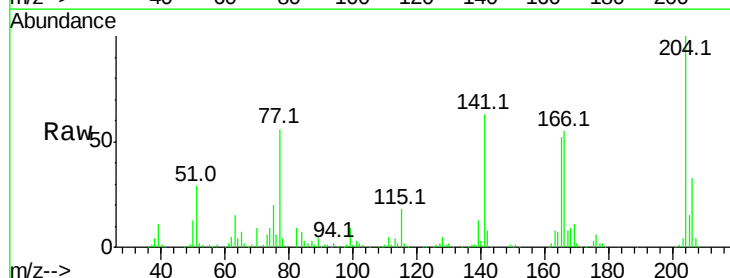


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

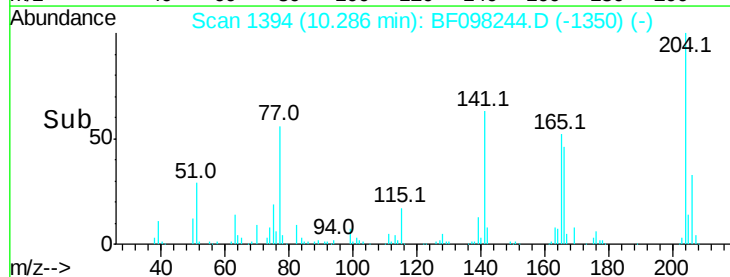
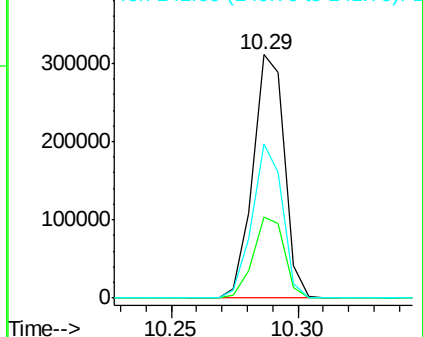


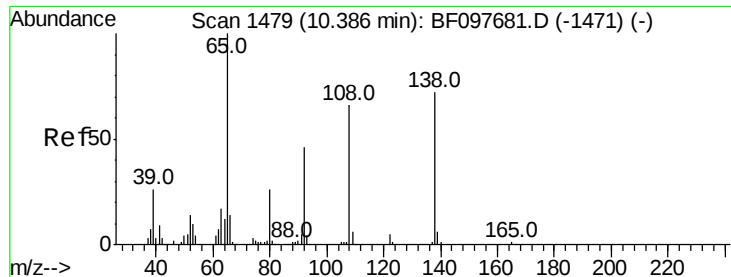
#60
4-Chlorophenyl-phenylether
Concen: 40.149 ng
RT: 10.29 min Scan# 1394
Delta R.T. -0.04 min
Lab File: BF098244.D
Acq: 2 Sep 2017 14:24

Tgt Ion:204 Resp: 269039
Ion Ratio Lower Upper
204 100
206 33.3 26.2 39.2
141 63.3 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

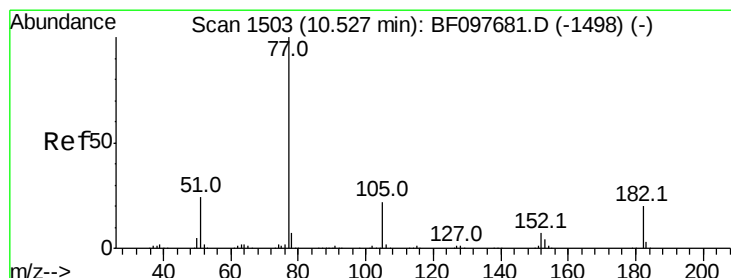
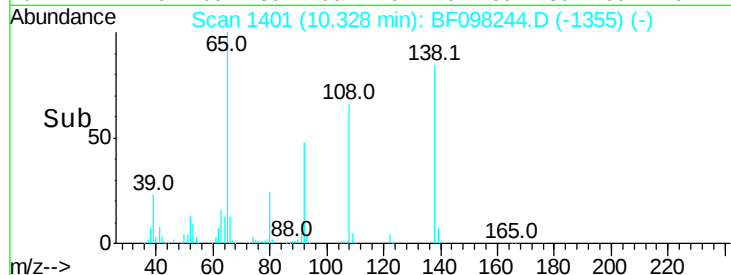
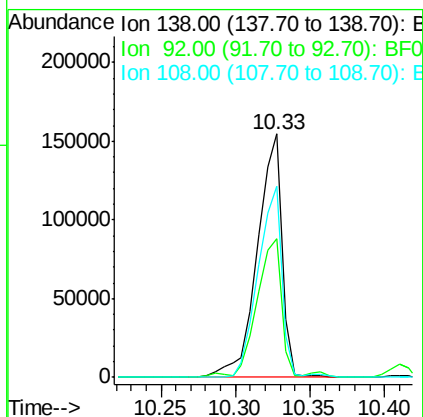
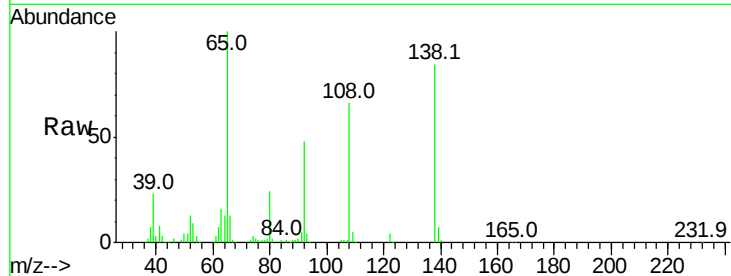




#61
4-Nitroaniline
Concen: 46.796 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.03 min
Lab File: BF098244.D
Acq: 2 Sep 2017 14:24

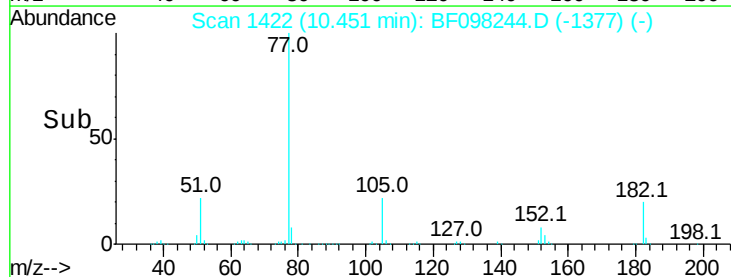
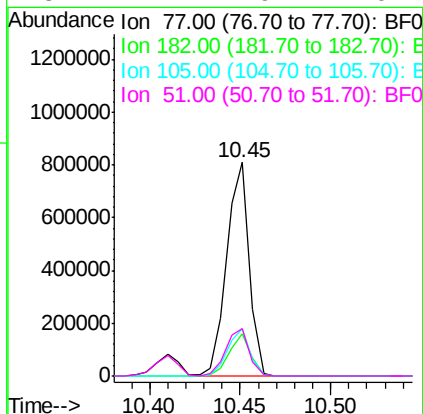
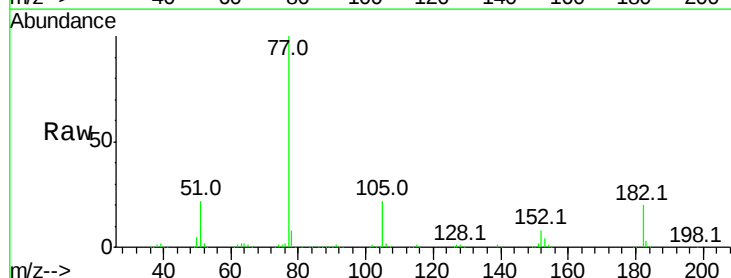
Instrument :
BNA_F
ClientSampled :

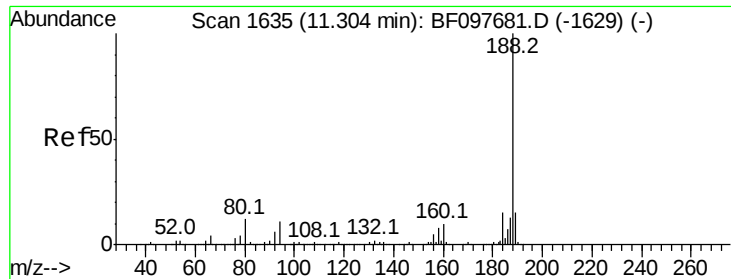
Tot Ion:138 Resp: 174654
Ion Ratio Lower Upper
138 100
92 57.1 21.8 61.8
108 78.6 42.3 82.3



#62
Azobenzene
Concen: 36.898 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.04 min
Lab File: BF098244.D
Acq: 2 Sep 2017 14:24

Tgt Ion: 77 Resp: 698886
Ion Ratio Lower Upper
77 100
182 19.9 0.1 40.1
105 22.3 3.6 43.6
51 22.1 9.4 49.4

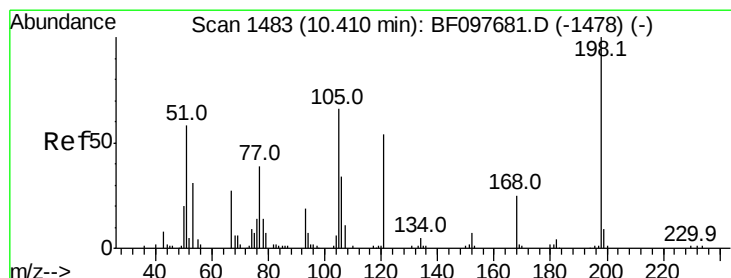
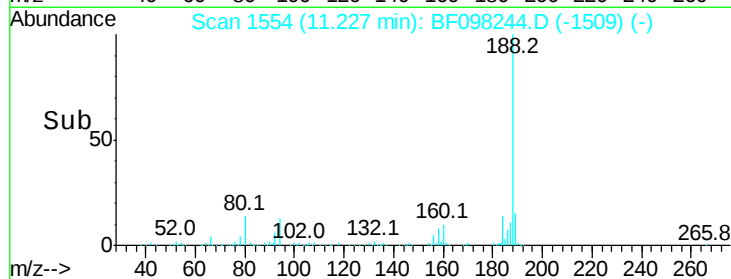
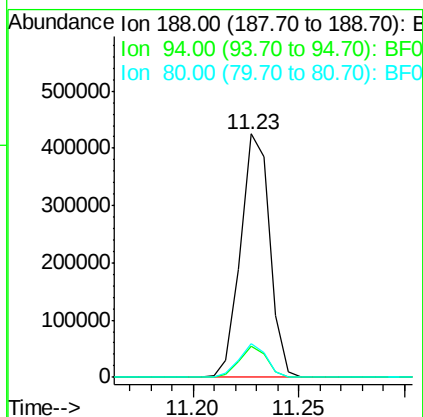
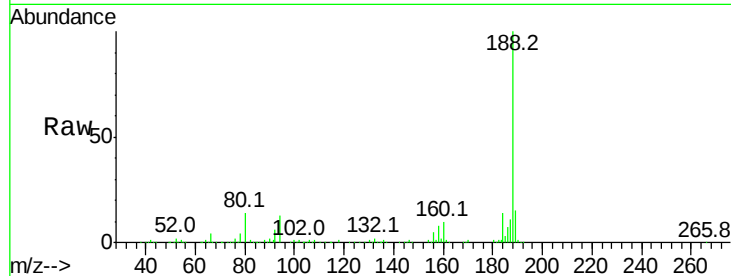




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.04 min
Lab File: BF098244.D
Acq: 2 Sep 2017 14:24

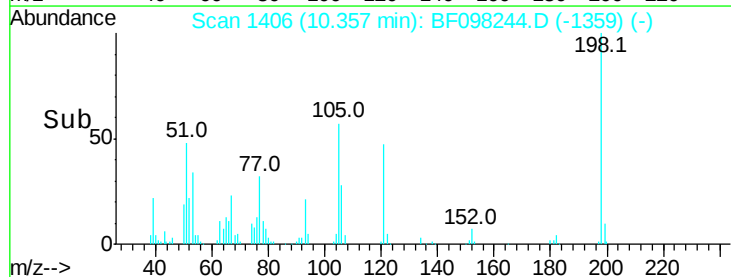
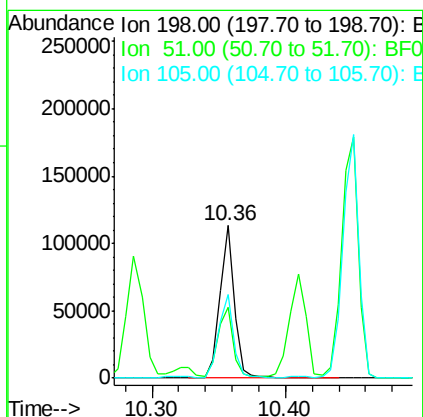
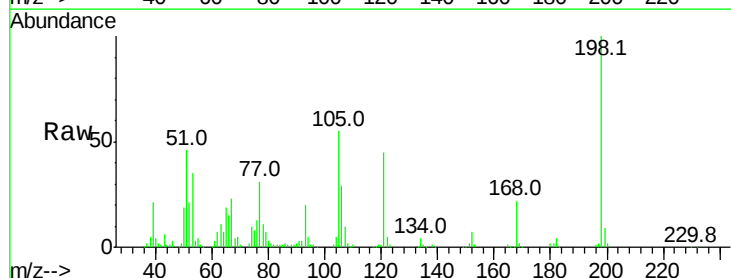
Instrument :
BNA_F
ClientSampleId :

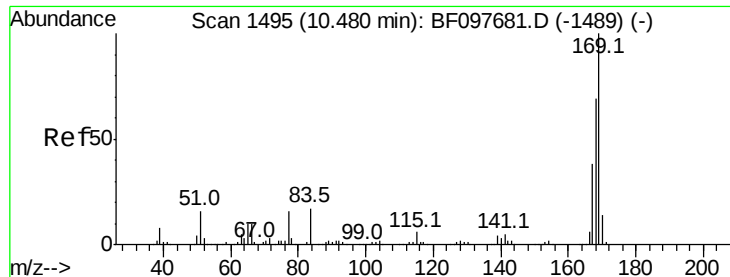
Tot Ion:188 Resp: 407033
Ion Ratio Lower Upper
188 100
94 12.7 9.4 14.2
80 13.9 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 46.439 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.02 min
Lab File: BF098244.D
Acq: 2 Sep 2017 14:24

Tgt Ion:198 Resp: 88445
Ion Ratio Lower Upper
198 100
51 46.0 53.2 93.2#
105 54.6 45.8 85.8





#65

n-Nitrosodiphenylamine

Concen: 38.722 ng

RT: 10.41 min Scan# 1415

Delta R.T. -0.04 min

Lab File: BF098244.D

Acq: 2 Sep 2017 14:24

Instrument :

BNA_F

ClientSampleId :

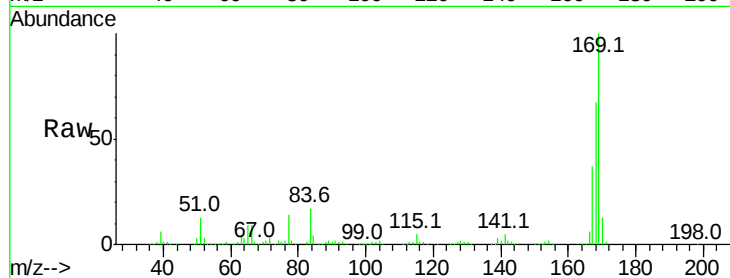
Tot Ion:169 Resp: 536717

Ion Ratio Lower Upper

169 100

168 66.9 53.2 79.8

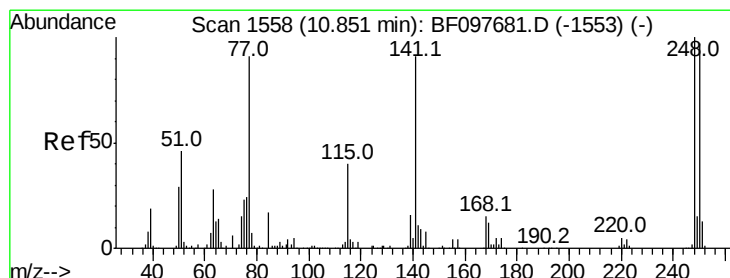
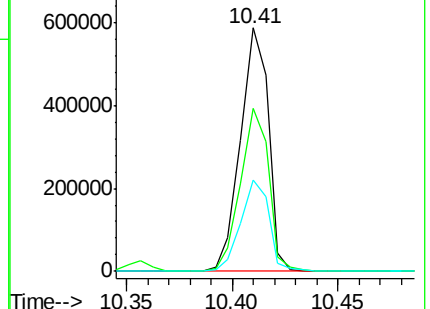
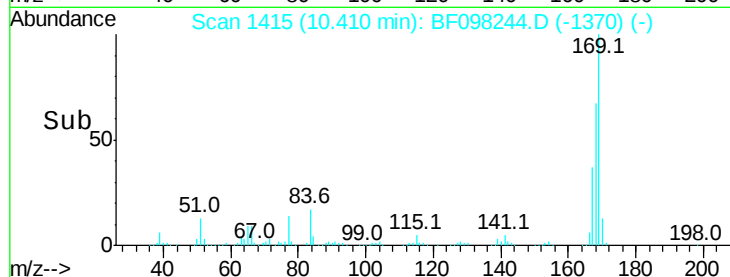
167 37.4 29.5 44.3



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: 39.816 ng

RT: 10.78 min Scan# 1478

Delta R.T. -0.04 min

Lab File: BF098244.D

Acq: 2 Sep 2017 14:24

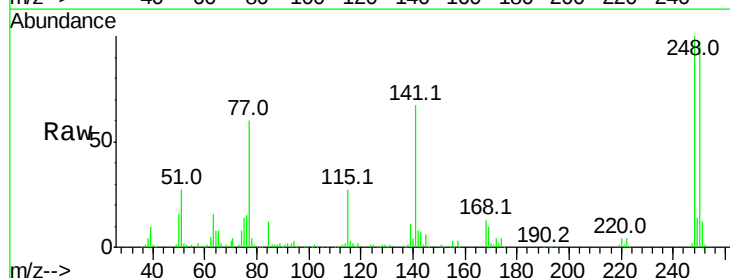
Tgt Ion:248 Resp: 168292

Ion Ratio Lower Upper

248 100

250 97.0 76.8 115.2

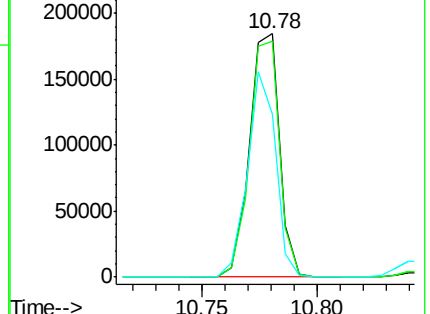
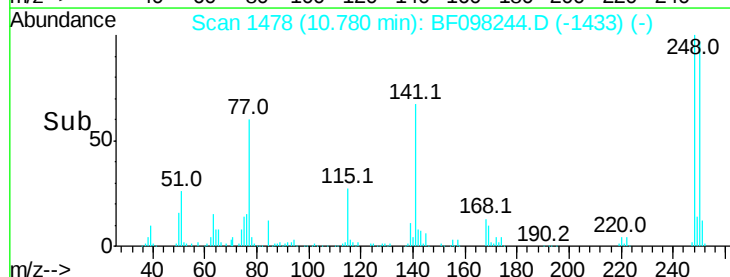
141 67.1 68.6 103.0#

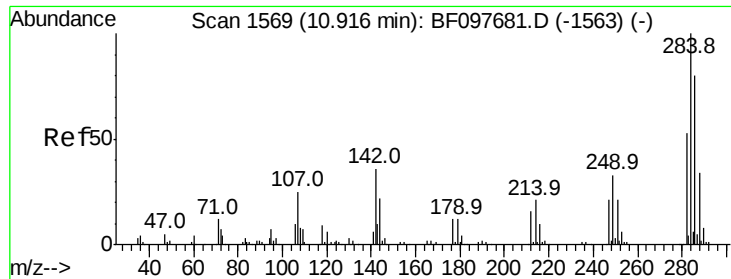


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 39.892 ng

RT: 10.85 min Scan# 1489

Delta R.T. -0.04 min

Lab File: BF098244.D

Acq: 2 Sep 2017 14:24

Instrument :

BNA_F

ClientSampled :

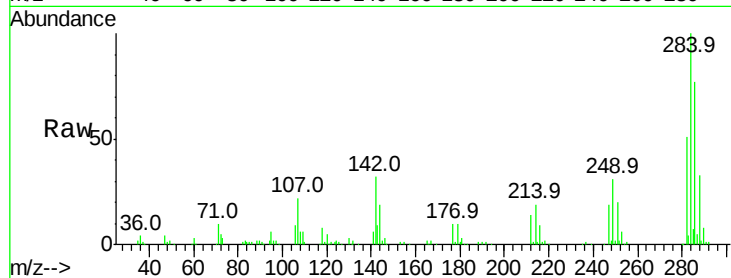
Tot Ion:284 Resp: 171863

Ion Ratio Lower Upper

284 100

142 31.8 22.8 34.2

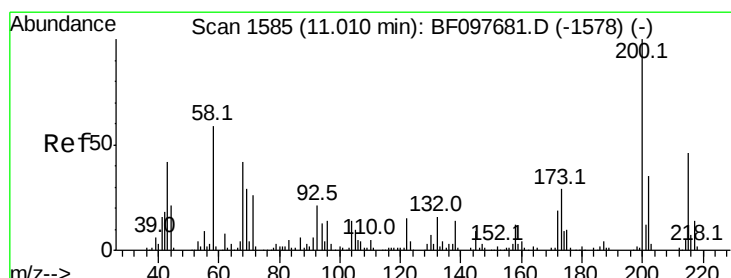
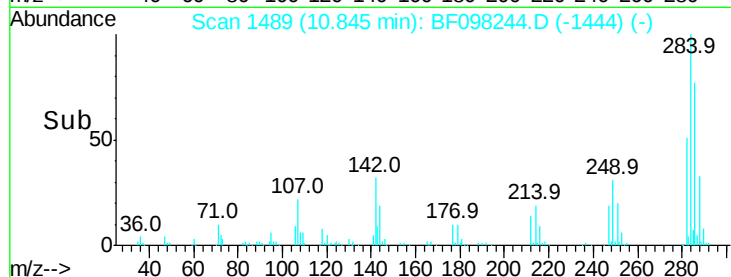
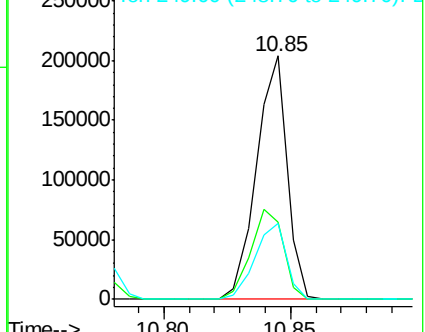
249 31.1 24.0 36.0



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: 36.651 ng

RT: 10.94 min Scan# 1505

Delta R.T. -0.04 min

Lab File: BF098244.D

Acq: 2 Sep 2017 14:24

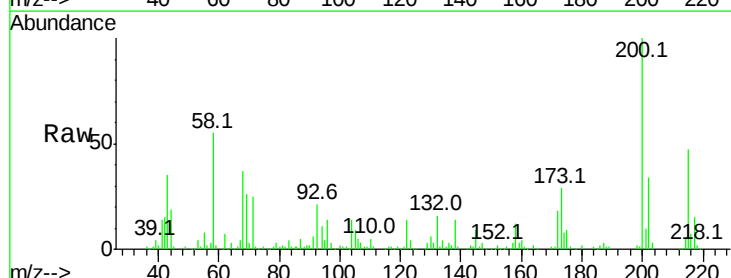
Tgt Ion:200 Resp: 134725

Ion Ratio Lower Upper

200 100

173 28.6 6.3 46.3

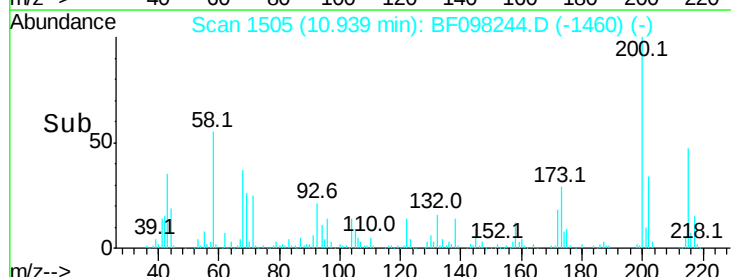
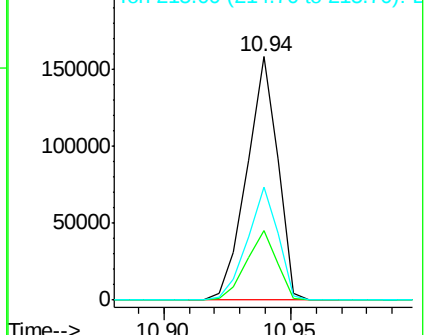
215 46.6 27.2 67.2

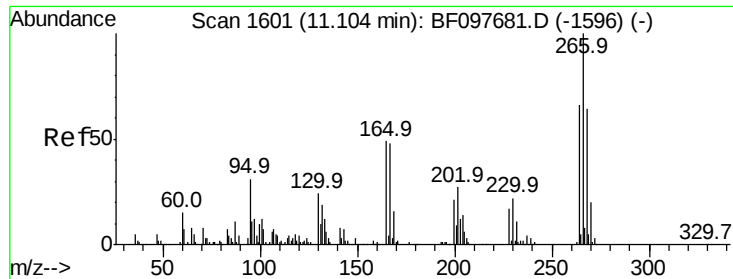


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

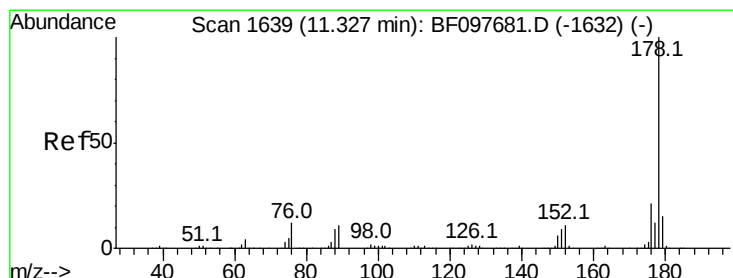
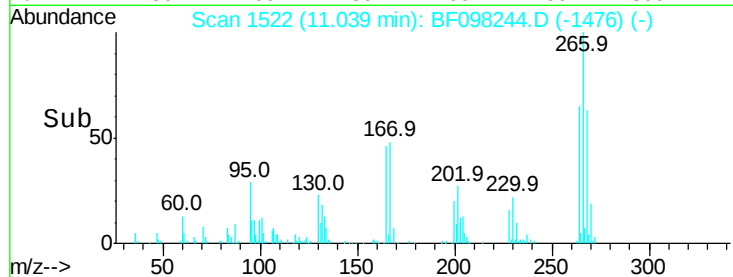
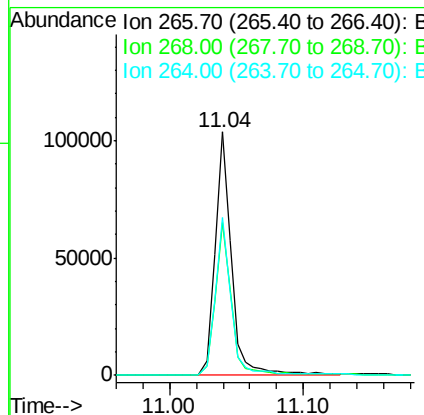
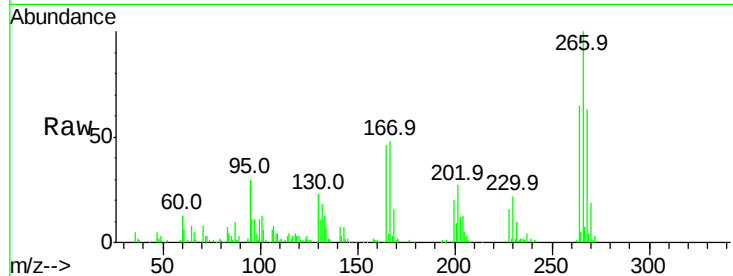




#69
 Pentachlorophenol
 Concen: 35.927 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. -0.03 min
 Lab File: BF098244.D
 Acq: 2 Sep 2017 14:24

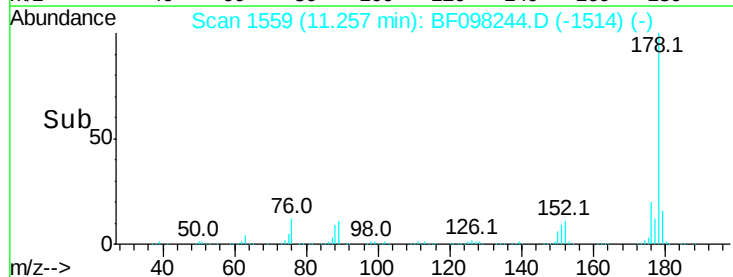
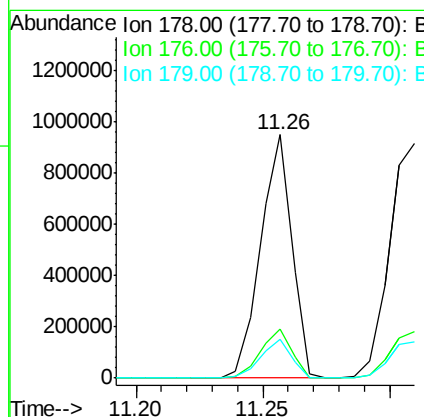
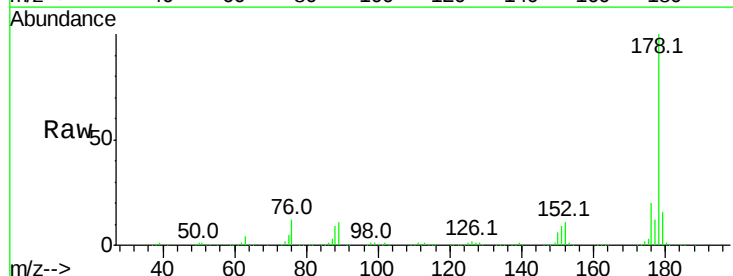
Instrument :
 BNA_F
 ClientSampled :

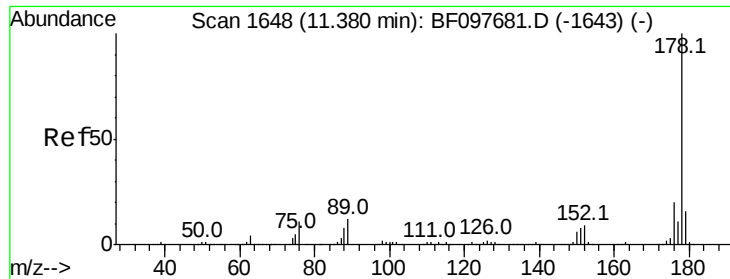
Tot Ion	Ratio	Lower	Upper
266	100		
268	62.6	51.1	76.7
264	64.7	51.7	77.5



#70
 Phenanthrene
 Concen: 37.760 ng
 RT: 11.26 min Scan# 1559
 Delta R.T. -0.04 min
 Lab File: BF098244.D
 Acq: 2 Sep 2017 14:24

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.2	24.4
179	15.7	12.6	19.0





#71

Anthracene

Concen: 38.520 ng

RT: 11.31 min Scan# 1568

Delta R.T. -0.04 min

Lab File: BF098244.D

Acq: 2 Sep 2017 14:24

Instrument :

BNA_F

ClientSampleId :

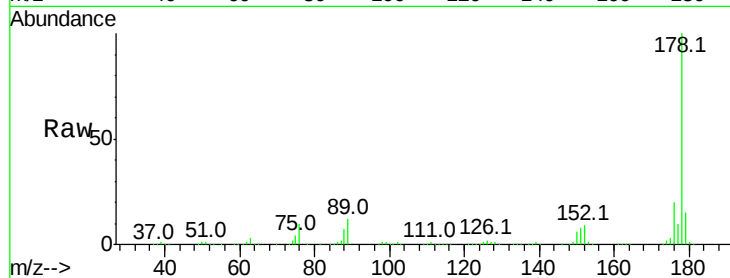
Tot Ion:178 Resp: 847395

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.8

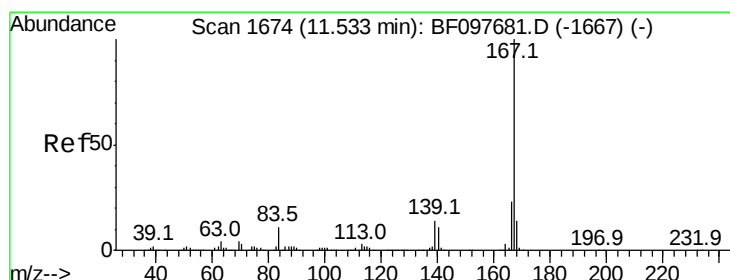
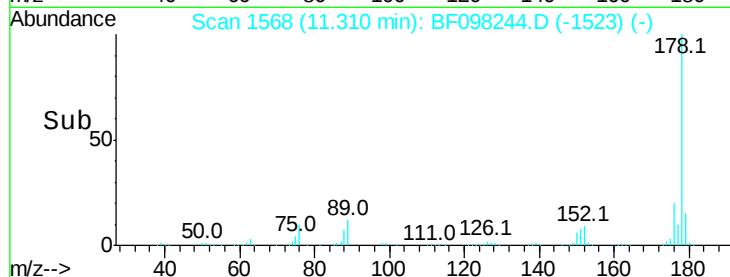
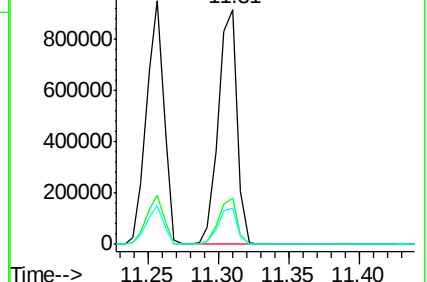
179 15.4 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 38.323 ng

RT: 11.46 min Scan# 1594

Delta R.T. -0.04 min

Lab File: BF098244.D

Acq: 2 Sep 2017 14:24

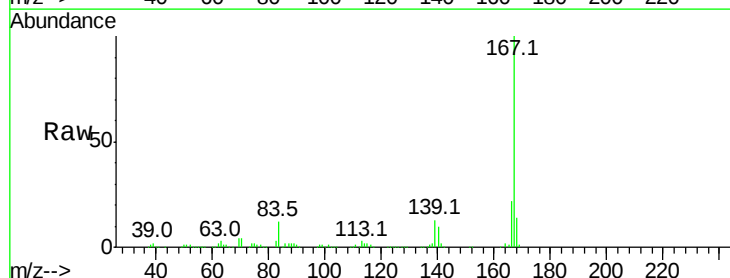
Tgt Ion:167 Resp: 800264

Ion Ratio Lower Upper

167 100

166 22.3 18.1 27.1

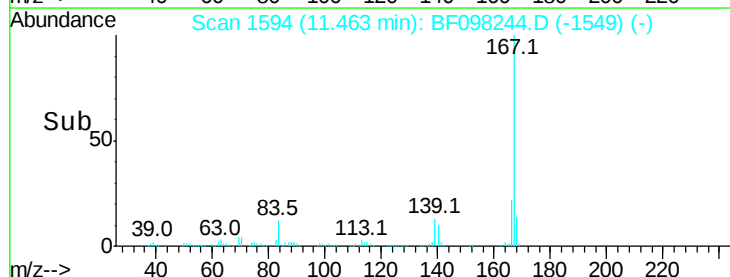
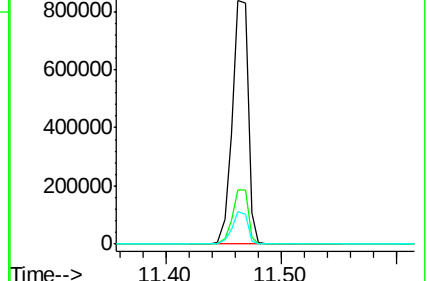
139 13.5 11.7 17.5

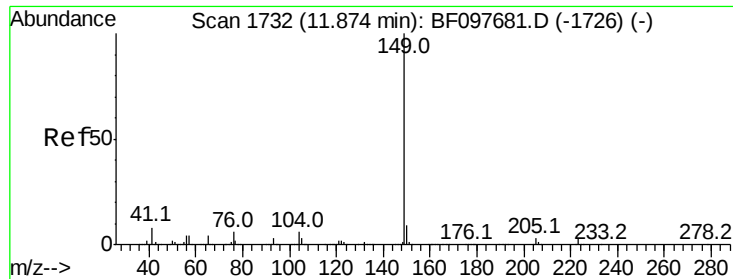


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

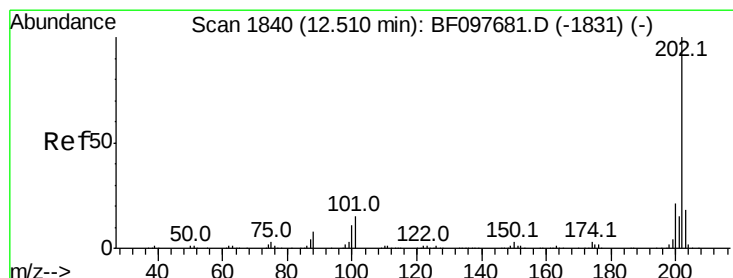
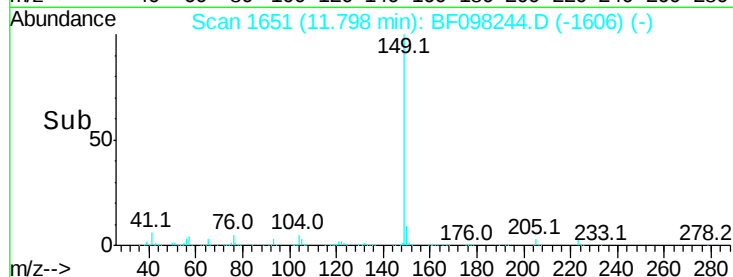
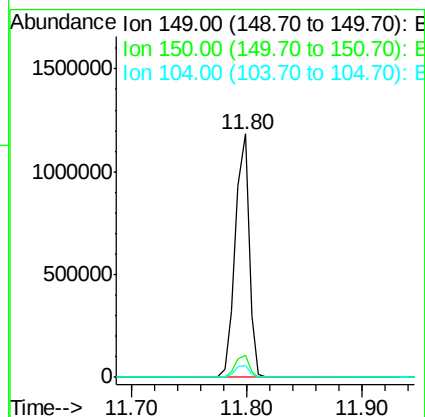
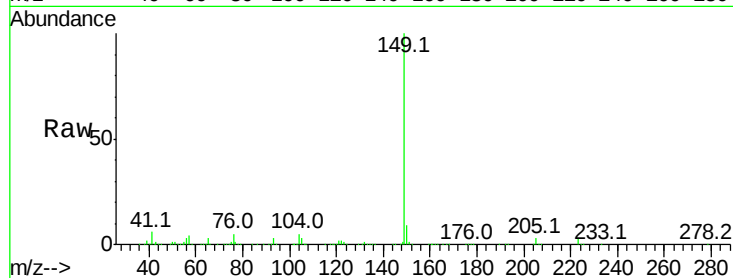




#73
Di-n-butylphthalate
Concen: 41.076 ng
RT: 11.80 min Scan# 1651
Delta R.T. -0.04 min
Lab File: BF098244.D
Acq: 2 Sep 2017 14:24

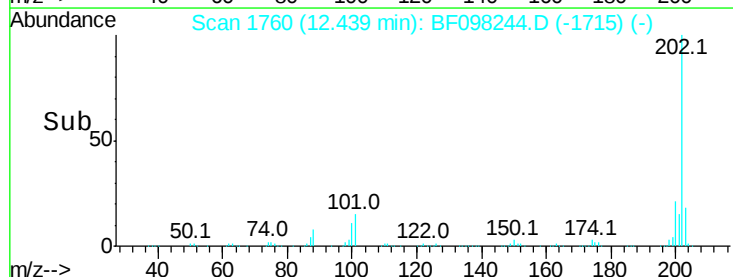
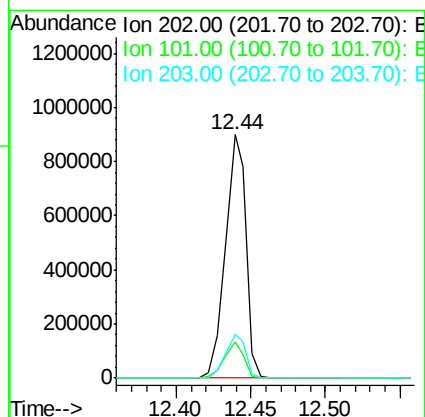
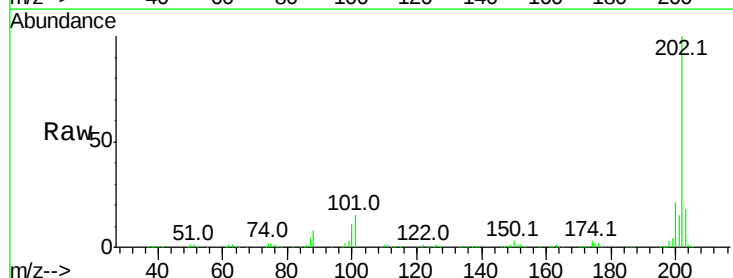
Instrument :
BNA_F
ClientSampleId :

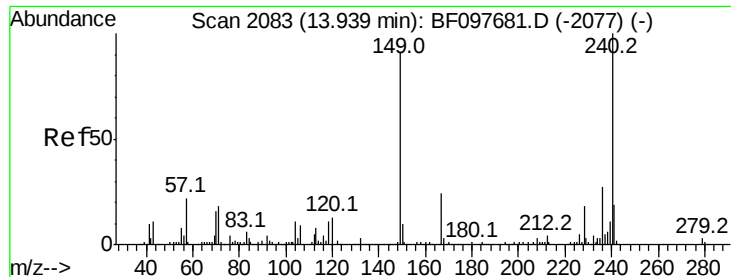
Tot Ion:149 Resp: 988005
Ion Ratio Lower Upper
149 100
150 9.3 7.7 11.5
104 4.9 4.0 6.0



#74
Fluoranthene
Concen: 38.812 ng
RT: 12.44 min Scan# 1760
Delta R.T. -0.04 min
Lab File: BF098244.D
Acq: 2 Sep 2017 14:24

Tgt Ion:202 Resp: 878651
Ion Ratio Lower Upper
202 100
101 14.9 0.0 33.2
203 17.8 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.03 min

Lab File: BF098244.D

Acq: 2 Sep 2017 14:24

Instrument :

BNA_F

ClientSampleId :

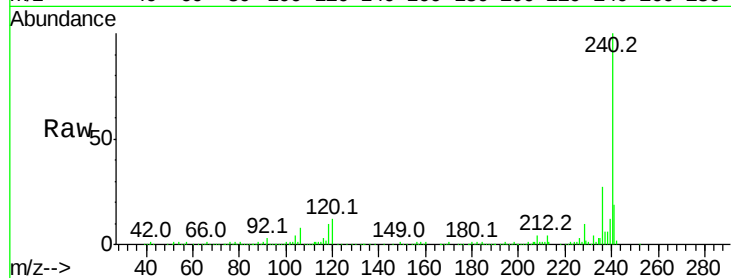
Tot Ion:240 Resp: 286255

Ion Ratio Lower Upper

240 100

120 11.8 5.8 8.8#

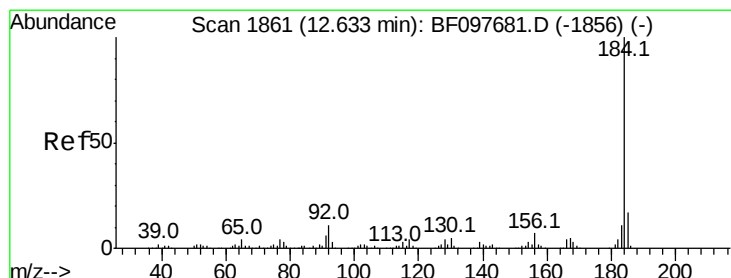
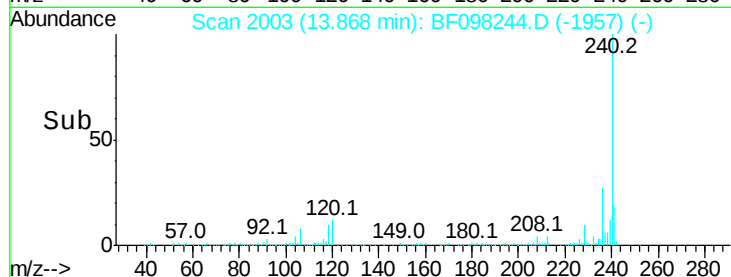
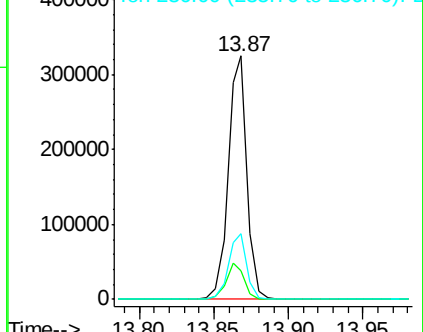
236 27.1 20.5 30.7



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: 32.223 ng

RT: 12.56 min Scan# 1781

Delta R.T. -0.04 min

Lab File: BF098244.D

Acq: 2 Sep 2017 14:24

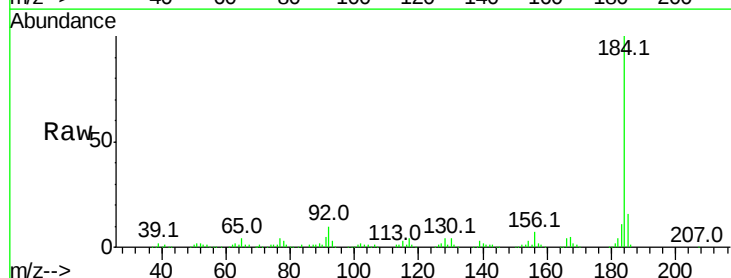
Tgt Ion:184 Resp: 302436

Ion Ratio Lower Upper

184 100

185 15.5 15.5 23.3#

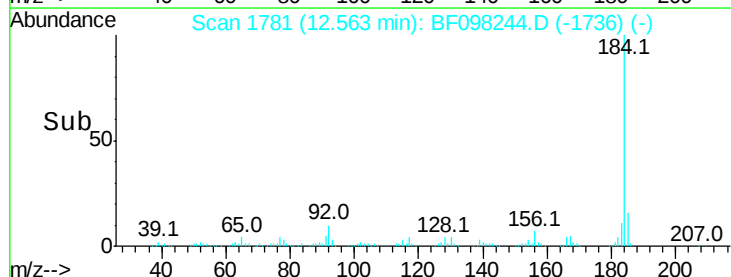
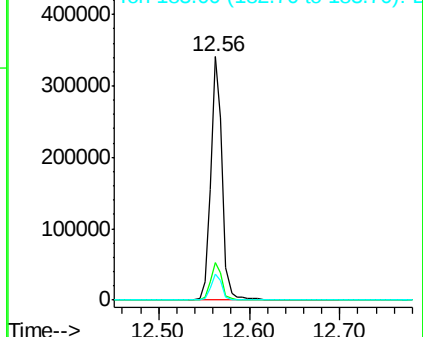
183 10.7 9.8 14.6

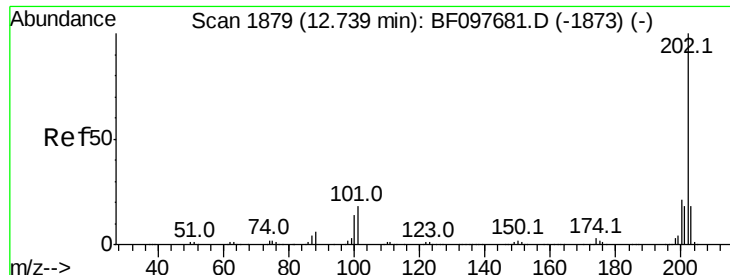


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

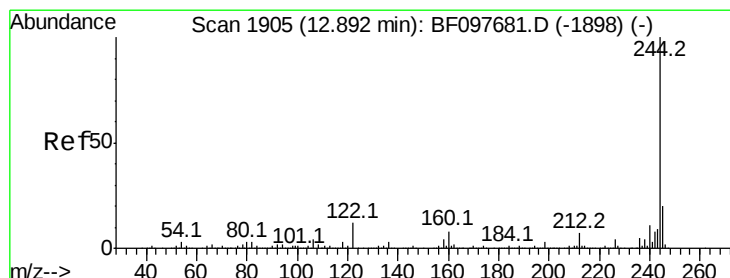
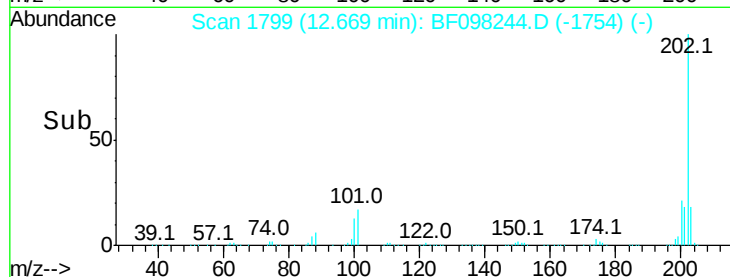
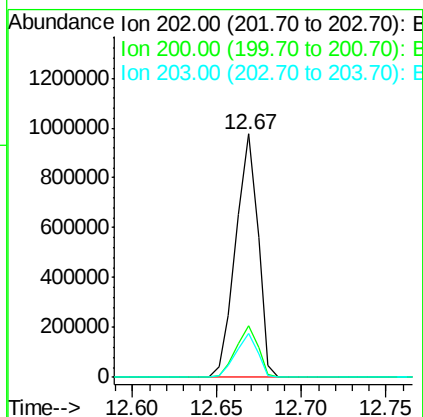
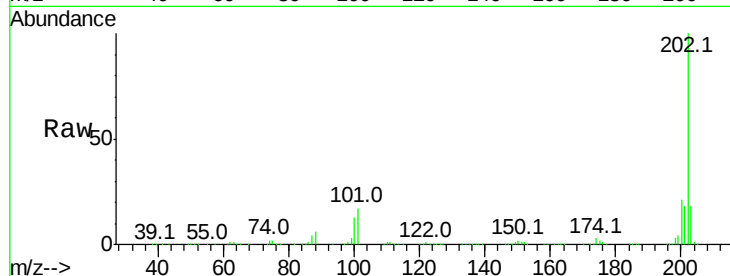




#77
Pvrene
Concen: 38.263 ng
RT: 12.67 min Scan# 1799
Delta R.T. -0.04 min
Lab File: BF098244.D
Acq: 2 Sep 2017 14:24

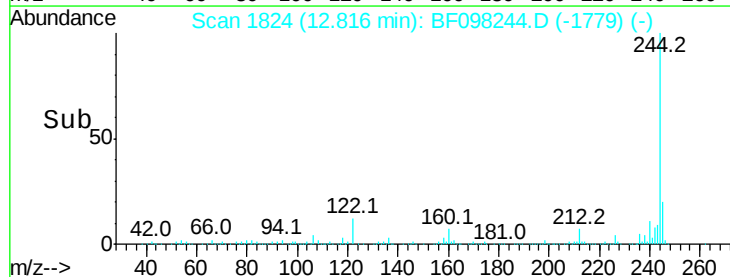
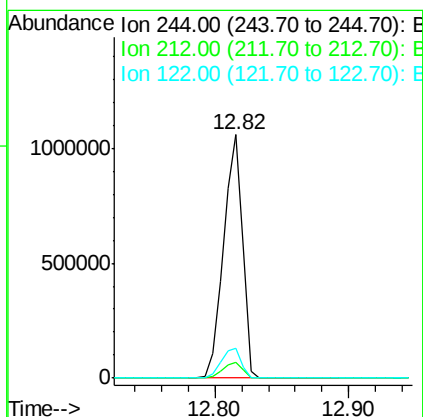
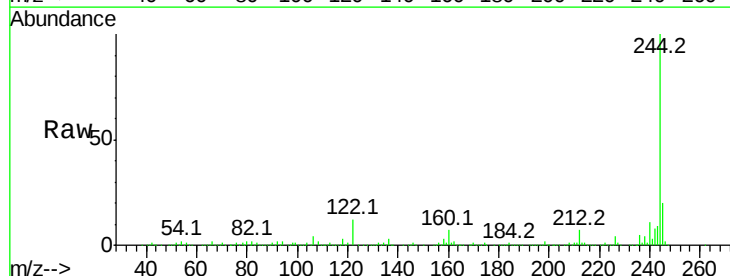
Instrument :
BNA_F
ClientSampleId :

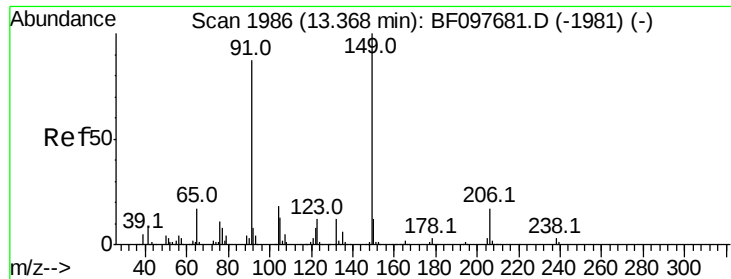
Tot Ion:202 Resp: 895819
Ion Ratio Lower Upper
202 100
200 21.4 17.6 26.4
203 17.8 14.4 21.6



#78
Terphenyl-d14
Concen: 77.611 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.04 min
Lab File: BF098244.D
Acq: 2 Sep 2017 14:24

Tgt Ion:244 Resp: 1065376
Ion Ratio Lower Upper
244 100
212 6.7 6.0 9.0
122 12.4 10.3 15.5

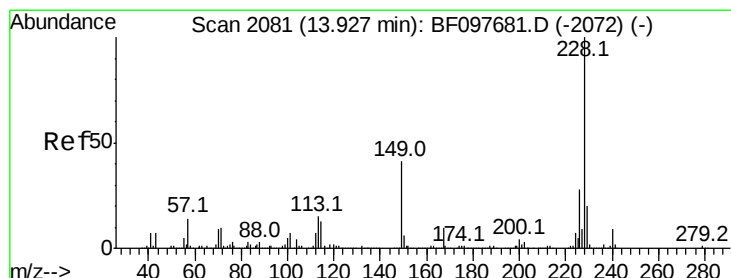
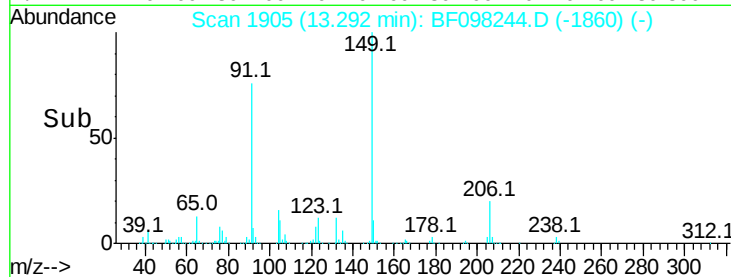
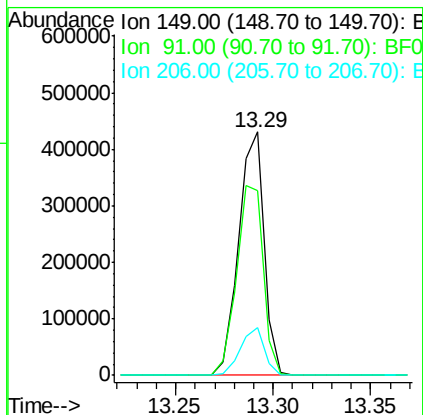
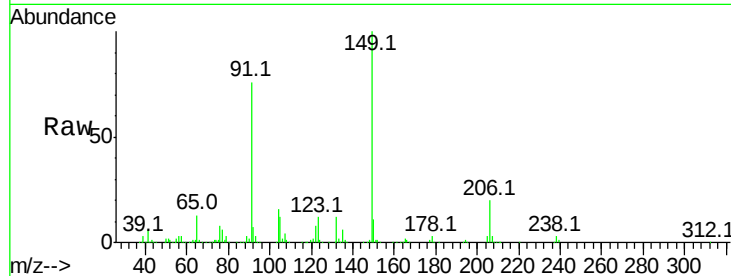




#79
Butylbenzylphthalate
Concen: 43.311 ng
RT: 13.29 min Scan# 1905
Delta R.T. -0.04 min
Lab File: BF098244.D
Acq: 2 Sep 2017 14:24

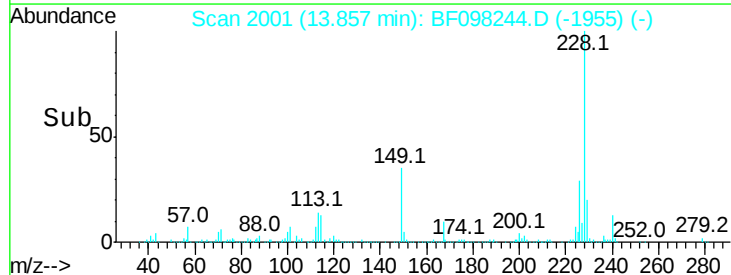
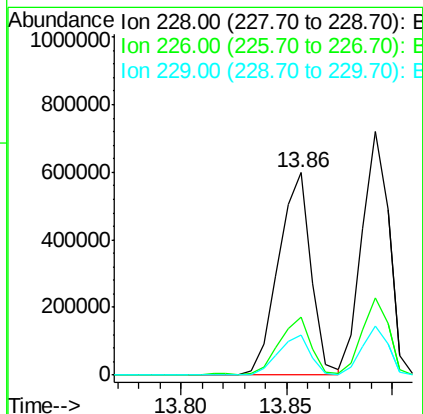
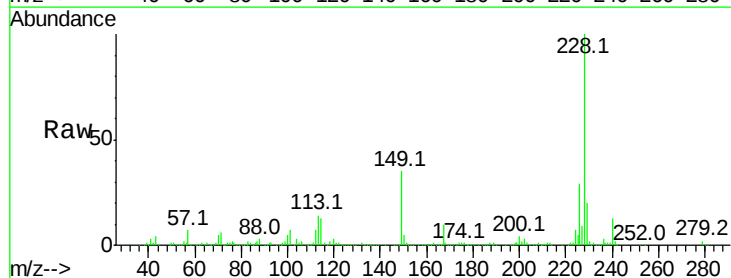
Instrument :
BNA_F
ClientSampleId :

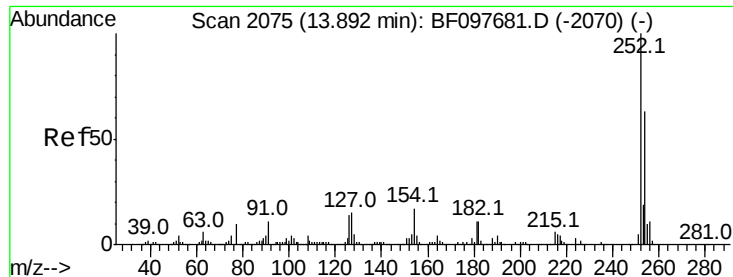
Tot Ion:149 Resp: 388777
Ion Ratio Lower Upper
149 100
91 76.0 45.0 67.4#
206 19.5 17.0 25.6



#80
Benzo(a)anthracene
Concen: 37.556 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.03 min
Lab File: BF098244.D
Acq: 2 Sep 2017 14:24

Tgt Ion:228 Resp: 644335
Ion Ratio Lower Upper
228 100
226 28.6 22.6 33.8
229 19.8 16.3 24.5

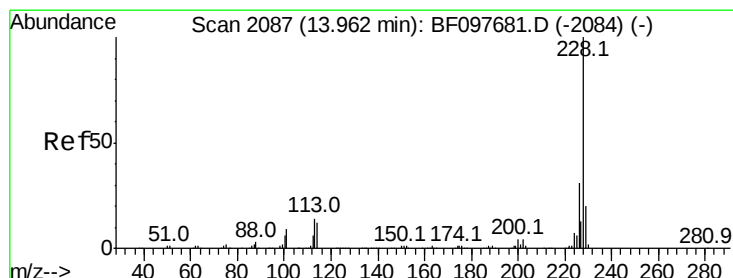
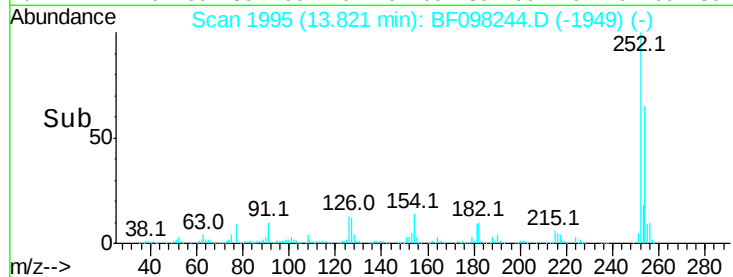
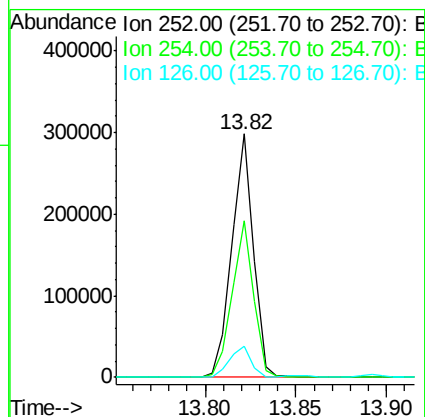
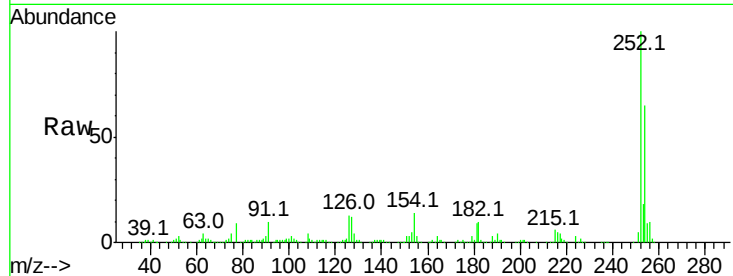




#81
 3,3'-Dichlorobenzidine
 Concen: 42.814 ng
 RT: 13.82 min Scan# 1995
 Delta R.T. -0.03 min
 Lab File: BF098244.D
 Acq: 2 Sep 2017 14:24

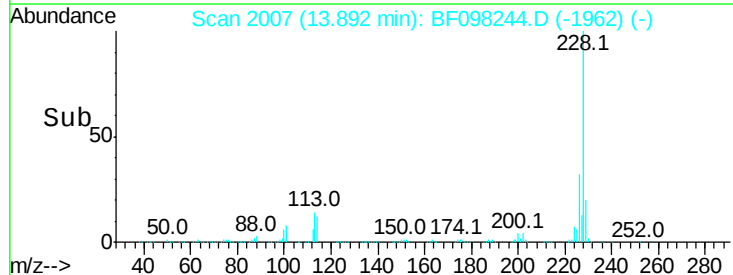
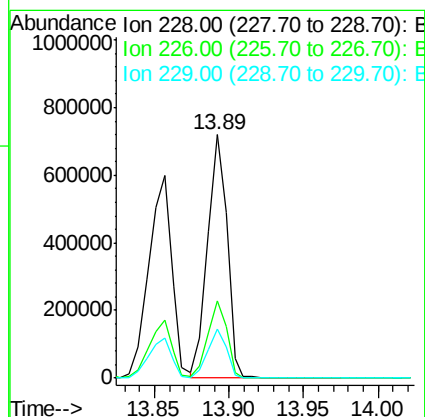
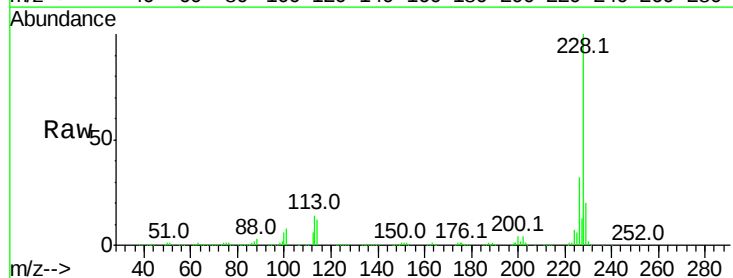
Instrument :
 BNA_F
 ClientSampleId :

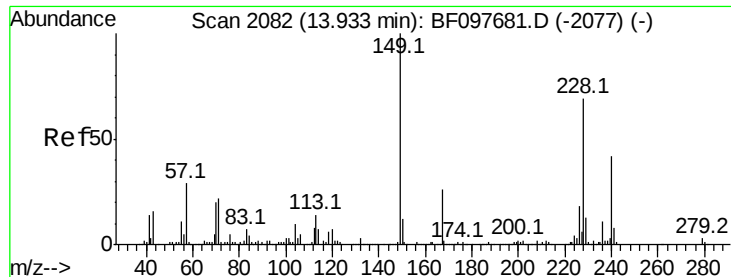
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.5	77.3
126	12.7	15.8	23.8#



#82
 Chrysene
 Concen: 37.886 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. -0.04 min
 Lab File: BF098244.D
 Acq: 2 Sep 2017 14:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.9	37.3
229	20.0	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 49.960 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.04 min

Lab File: BF098244.D

Acq: 2 Sep 2017 14:24

Instrument :

BNA_F

ClientSampleId :

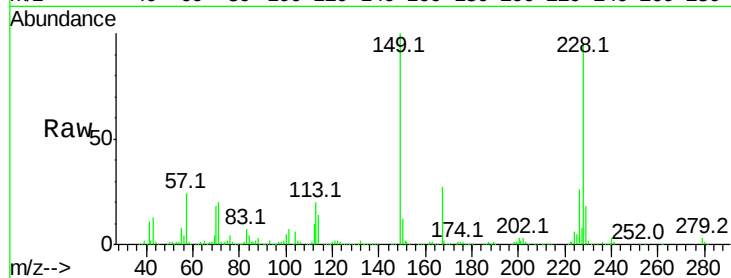
Tot Ion:149 Resp: 496938

Ion Ratio Lower Upper

149 100

167 26.6 21.0 31.4

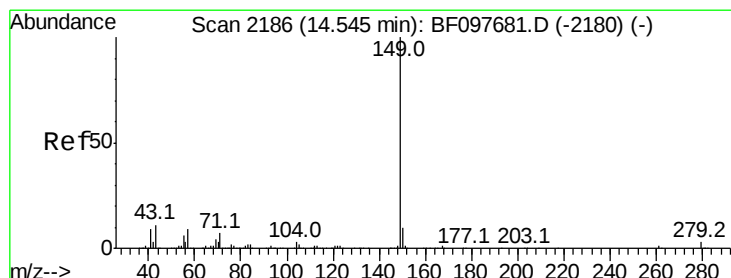
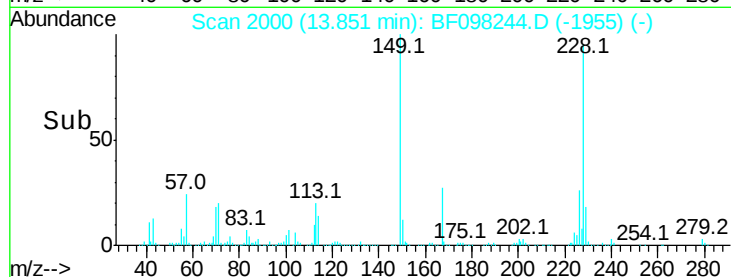
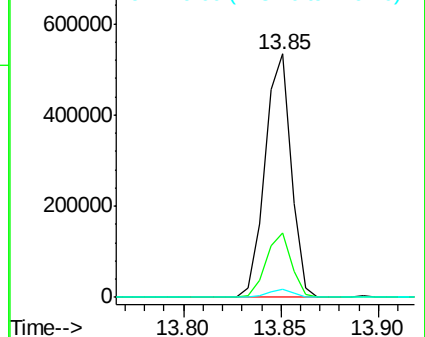
279 3.2 1.9 2.9#



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: 49.917 ng

RT: 14.46 min Scan# 2103

Delta R.T. -0.04 min

Lab File: BF098244.D

Acq: 2 Sep 2017 14:24

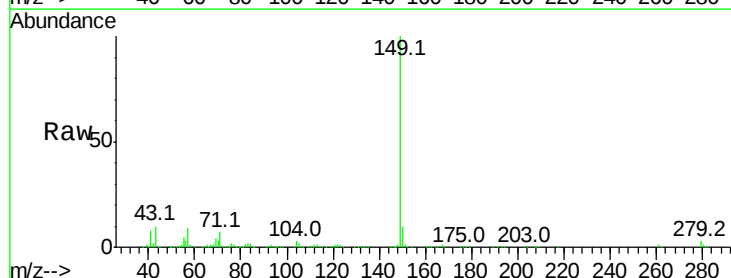
Tgt Ion:149 Resp: 863919

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

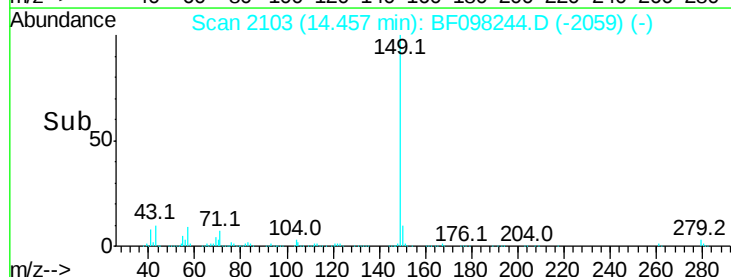
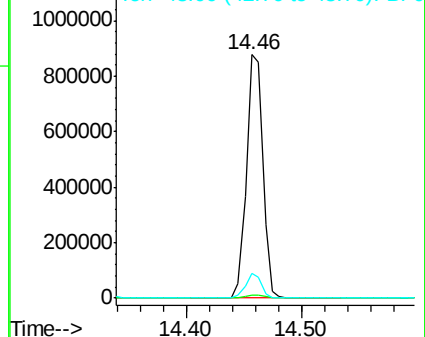
43 9.6 8.5 12.7

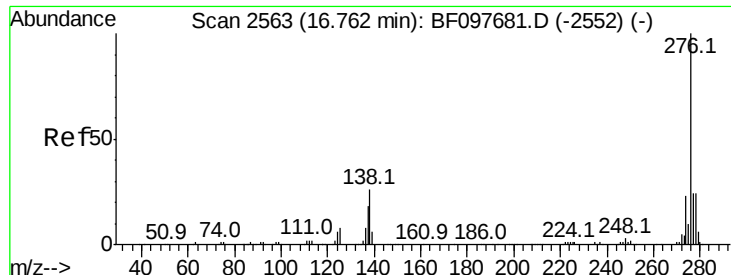


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

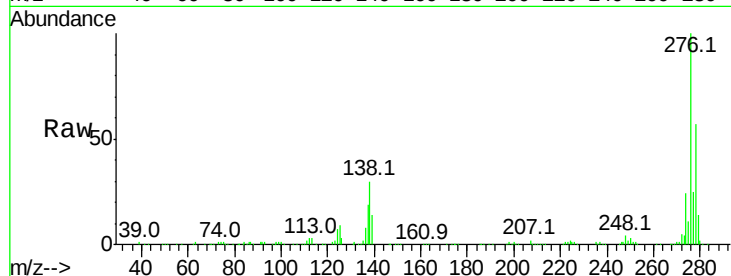




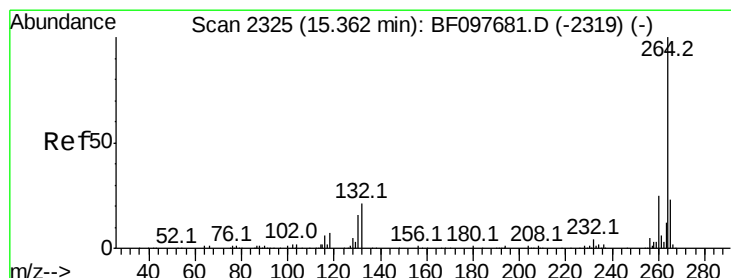
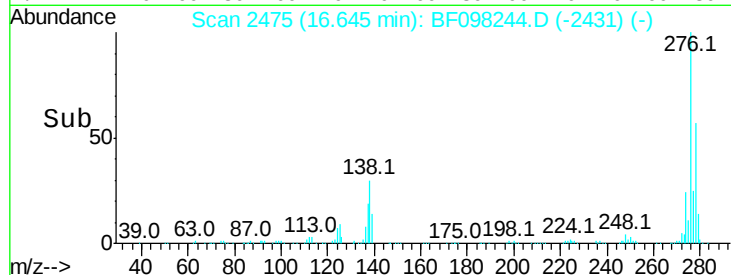
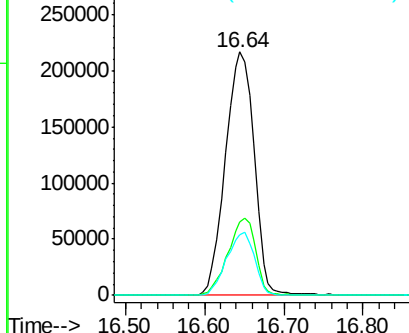
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.570 ng
 RT: 16.64 min Scan# 2475
 Delta R.T. -0.04 min
 Lab File: BF098244.D
 Acq: 2 Sep 2017 14:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	30.5	27.8	41.6
277	25.1	20.2	30.4

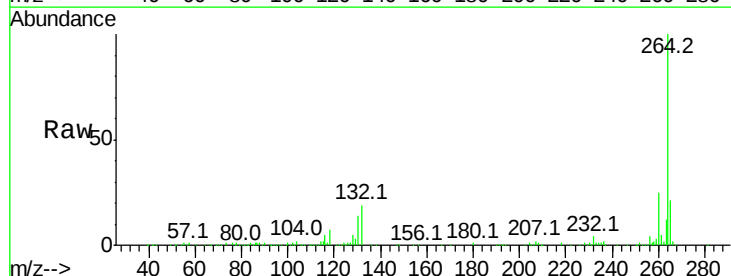


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

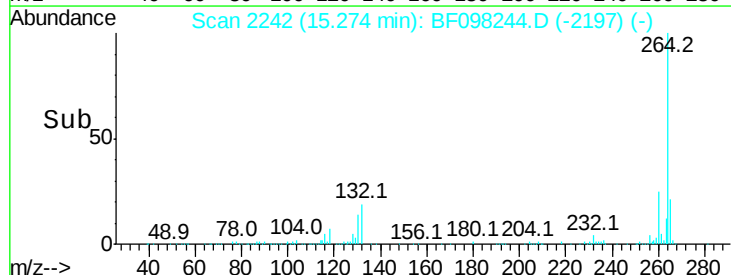
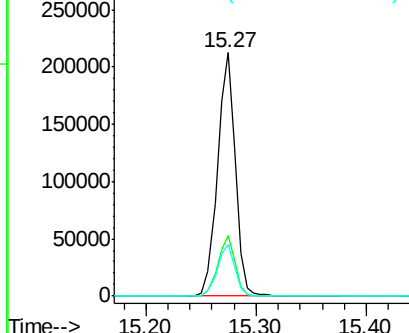


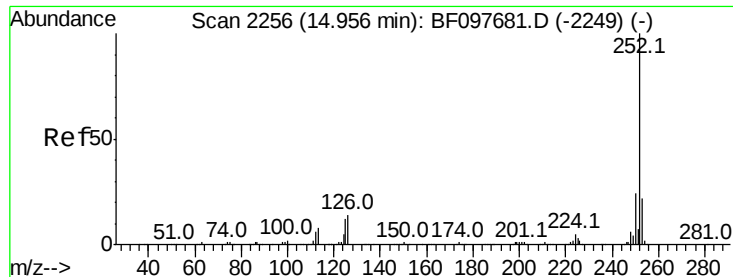
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2242
 Delta R.T. -0.04 min
 Lab File: BF098244.D
 Acq: 2 Sep 2017 14:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	21.3	17.2	25.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

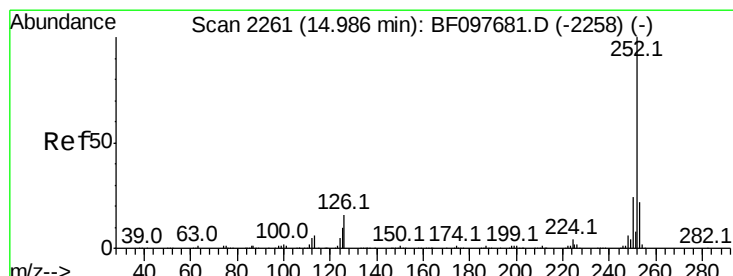
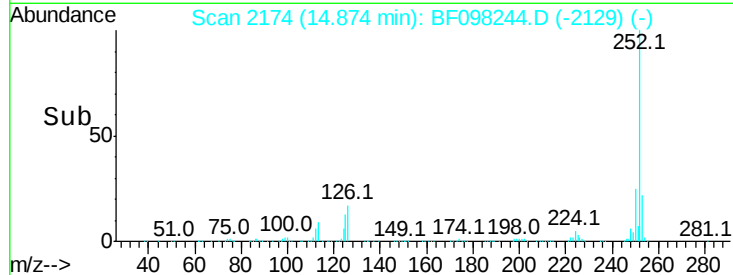
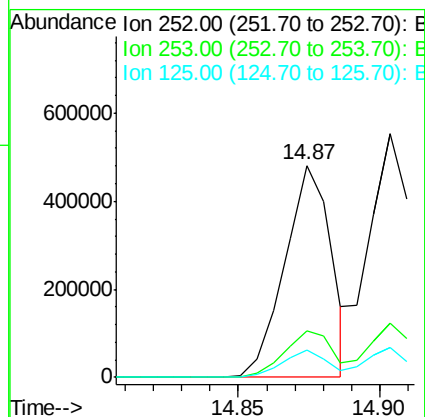
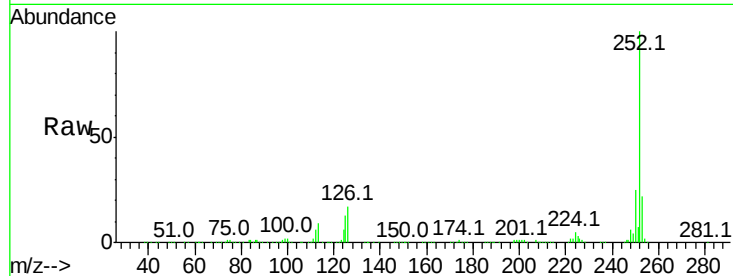




#87
Benzo(b)fluoranthene
Concen: 36.638 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.04 min
Lab File: BF098244.D
Acq: 2 Sep 2017 14:24

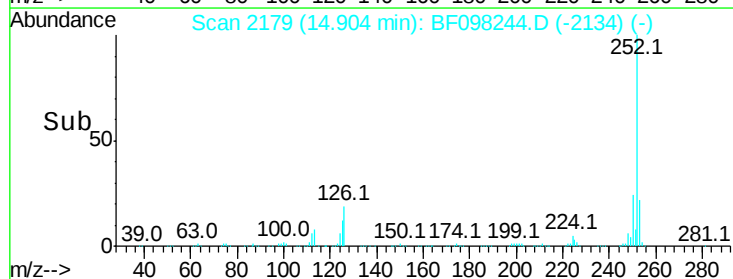
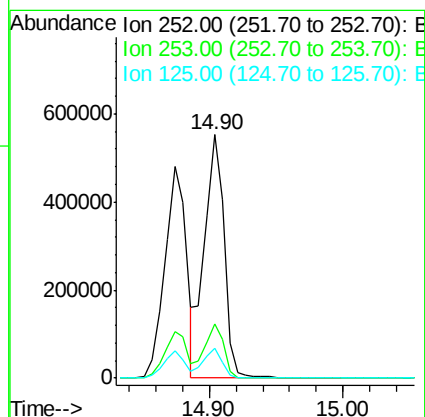
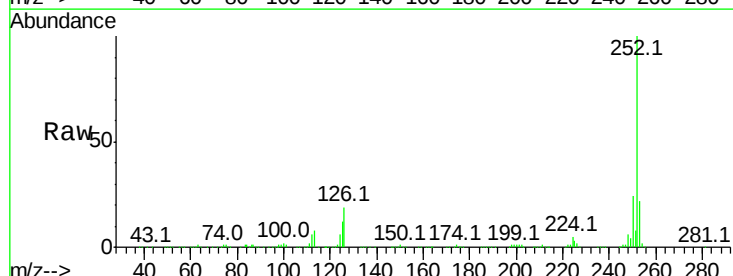
Instrument :
BNA_F
ClientSampleId :

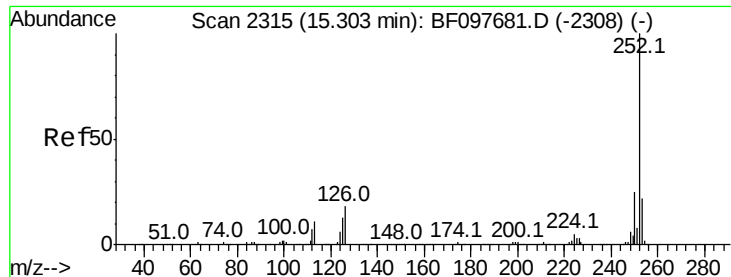
Tot Ion:252 Resp: 547491
Ion Ratio Lower Upper
252 100
253 22.2 18.1 27.1
125 12.8 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 40.223 ng
RT: 14.90 min Scan# 2179
Delta R.T. -0.04 min
Lab File: BF098244.D
Acq: 2 Sep 2017 14:24

Tgt Ion:252 Resp: 564695
Ion Ratio Lower Upper
252 100
253 22.3 18.4 27.6
125 12.3 13.1 19.7#





#89

Benzo(a)pyrene

Concen: 39.640 ng

RT: 15.22 min Scan# 2233

Delta R.T. -0.04 min

Lab File: BF098244.D

Acq: 2 Sep 2017 14:24

Instrument :

BNA_F

ClientSampleId :

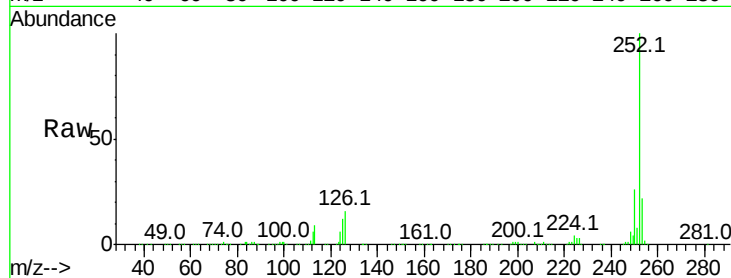
Tot Ion:252 Resp: 524386

Ion Ratio Lower Upper

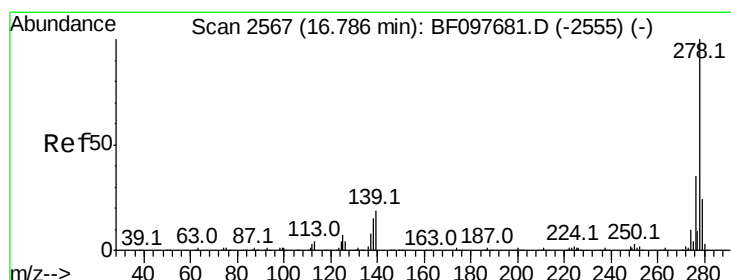
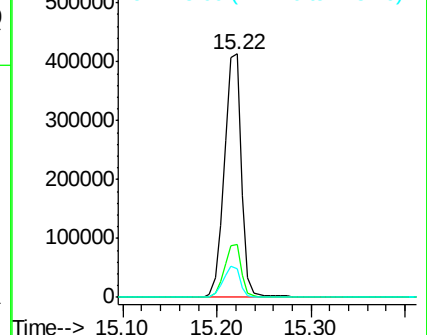
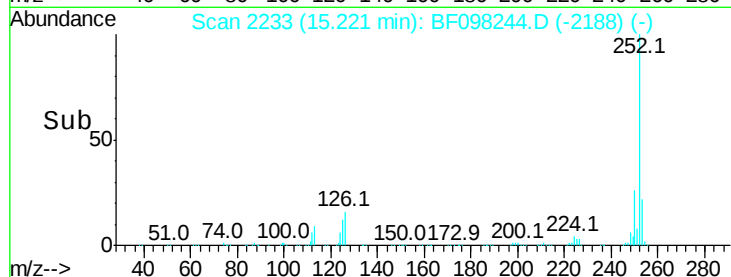
252 100

253 21.6 17.5 26.3

125 11.8 11.0 16.4



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



#90

Dibenzo(a,h)anthracene

Concen: 44.114 ng

RT: 16.66 min Scan# 2478

Delta R.T. -0.05 min

Lab File: BF098244.D

Acq: 2 Sep 2017 14:24

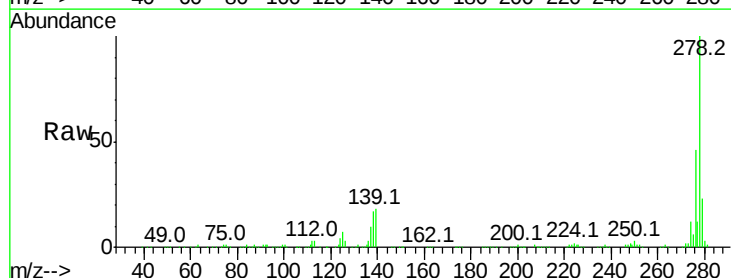
Tgt Ion:278 Resp: 475104

Ion Ratio Lower Upper

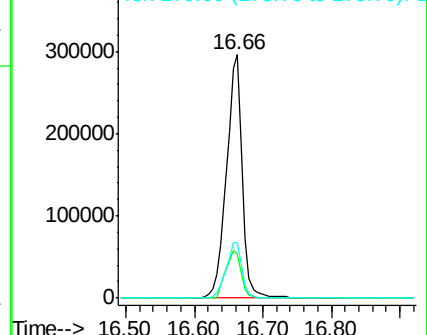
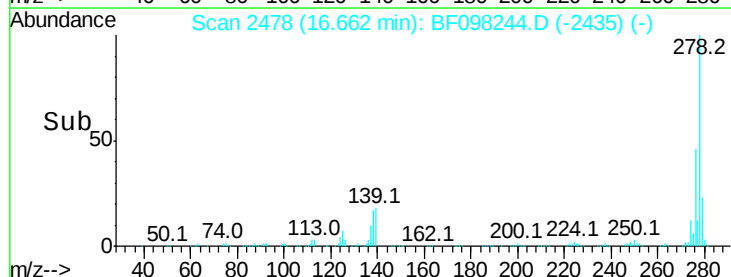
278 100

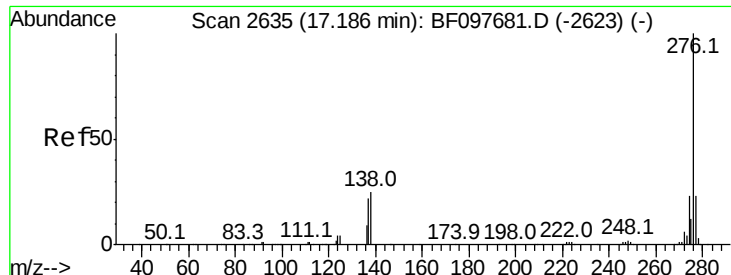
139 18.2 16.6 24.8

279 23.0 19.3 28.9



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





#91

Benzo(a,h,i)perylene

Concen: 42.825 ng

RT: 17.06 min Scan# 2545

Delta R.T. -0.05 min

Lab File: BF098244.D

Acq: 2 Sep 2017 14:24

Instrument :

BNA_F

ClientSampleId :

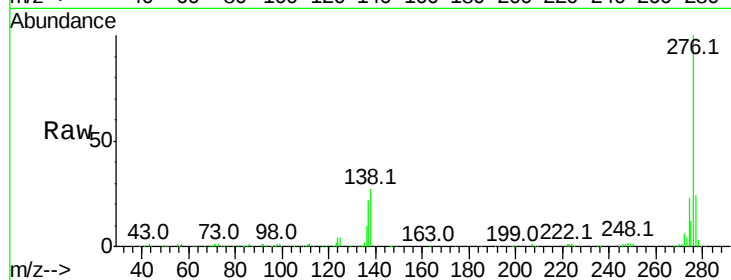
Tot Ion:276 Resp: 481247

Ion Ratio Lower Upper

276 100

277 24.1 18.6 28.0

138 27.3 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

