

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092917\
 Data File : BF098946.D
 Acq On : 29 Sep 2017 14:24
 Operator : SJ/JU
 Sample : I5450-13MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 29 16:06:51 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	141608	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	607365	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	274512	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	447465	20.00	ng	0.00
75) Chrysene-d12	14.09	240	230130	20.00	ng	0.00
86) Perylene-d12	15.57	264	224579	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	1205516	135.52	ng	0.02
7) Phenol-d6	6.55	99	1403463	127.89	ng	0.00
23) Nitrobenzene-d5	7.49	82	1033119	109.08	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	330284	147.04	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	1795156	109.17	ng	0.00
78) Terphenyl-d14	13.03	244	1288691	127.35	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.97	88	165867	39.034	ng	# 84
3) Pyridine	3.67	79	431002	37.494	ng	97
4) n-Nitrosodimethylamine	3.61	42	229638	47.110	ng	# 98
6) Aniline	6.59	93	80646	5.445	ng	99
8) 2-Chlorophenol	6.71	128	464908	46.150	ng	97
9) Benzaldehyde	6.47	77	96870	15.218	ng	95
10) Phenol	6.57	94	512647	41.771	ng	96
11) bis(2-Chloroethyl)ether	6.66	93	469891	49.250	ng	99
12) 1,3-Dichlorobenzene	6.86	146	498237	47.226	ng	98
13) 1,4-Dichlorobenzene	6.94	146	498643	46.454	ng	97
14) 1,2-Dichlorobenzene	7.09	146	463536	46.736	ng	98
15) Benzyl Alcohol	7.06	79	408082	50.691	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.19	45	739066	49.719	ng	98
17) 2-Methylphenol	7.17	107	401879	48.756	ng	98
18) Hexachloroethane	7.43	117	183354	47.523	ng	94
19) n-Nitroso-di-n-propylamine	7.33	70	340933	48.662	ng	98
20) 3+4-Methylphenols	7.32	107	470835	45.153	ng	# 78
22) Acetophenone	7.33	105	659789	44.837	ng	98
24) Nitrobenzene	7.50	77	513617	47.808	ng	97
25) Isophorone	7.74	82	975317	49.809	ng	100
26) 2-Nitrophenol	7.82	139	263711	51.045	ng	96
27) 2,4-Dimethylphenol	7.85	122	461670	47.319	ng	98
28) bis(2-Chloroethoxy)methane	7.95	93	621780	50.955	ng	99
29) 2,4-Dichlorophenol	8.06	162	409581	48.895	ng	97
30) 1,2,4-Trichlorobenzene	8.14	180	411079	49.066	ng	99
31) Naphthalene	8.22	128	1396277	48.948	ng	99
32) Benzoic acid	7.98	122	241951	30.190	ng	100
33) 4-Chloroaniline	8.26	127	77161	6.477	ng	97
34) Hexachlorobutadiene	8.33	225	205407	47.600	ng	99
35) Caprolactam	8.66	113	76227	28.368	ng	97
36) 4-Chloro-3-methylphenol	8.75	107	448343	47.618	ng	98
37) 2-Methylnaphthalene	8.92	142	969993	52.308	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	367631	44.906	ng	98
40) Hexachlorocyclopentadiene	9.06	237	255771	68.364	ng	98

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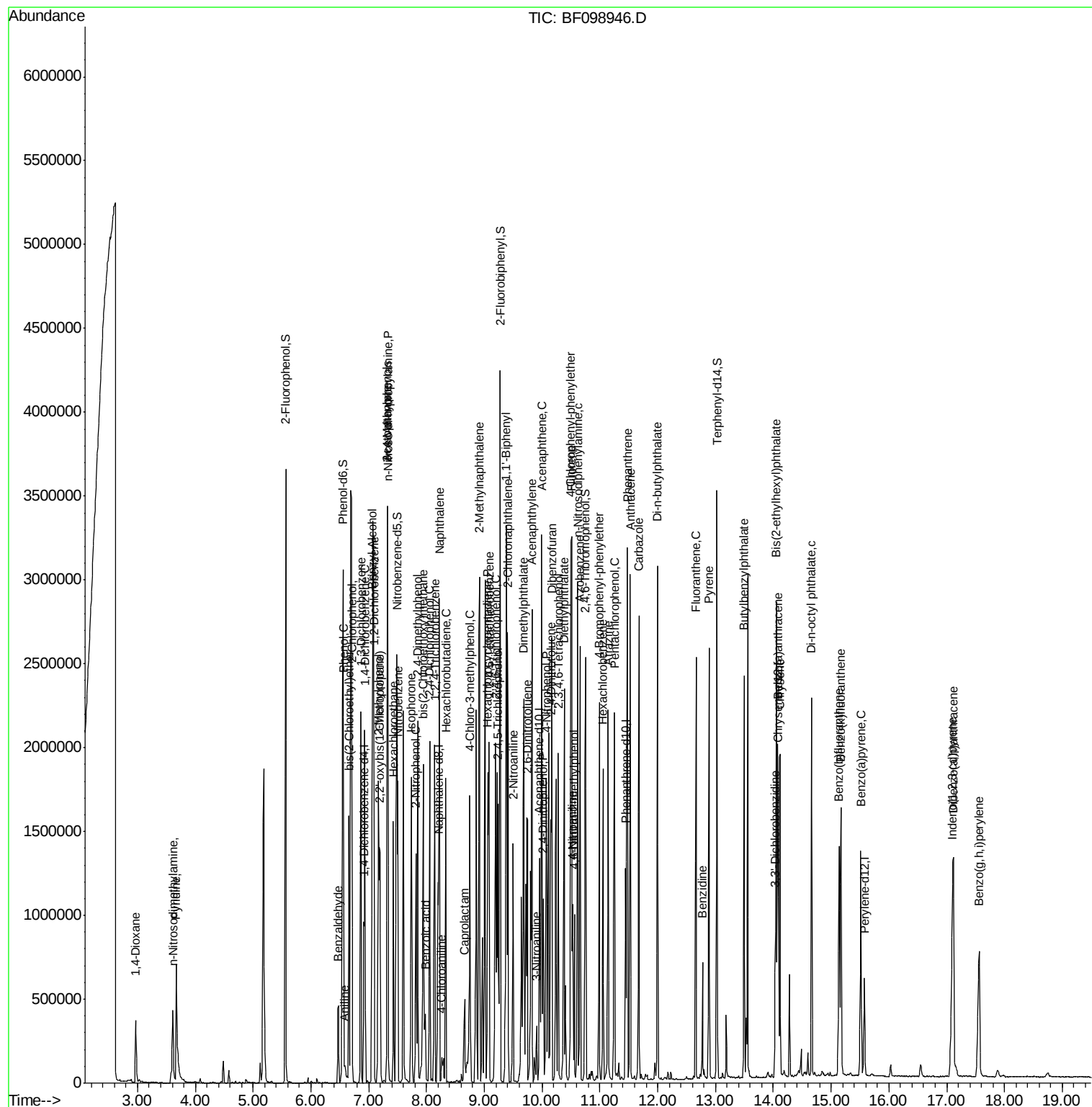
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.19	196	280172	48.308	nq	99
43) 2,4,5-Trichlorophenol	9.24	196	284946	49.217	nq	97
45) 1,1'-Biphenyl	9.38	154	1098621	46.566	nq	99
46) 2-Chloronaphthalene	9.40	162	873596	49.317	nq	99
47) 2-Nitroaniline	9.50	65	287866	53.073	nq	95
48) Acenaphthylene	9.82	152	1325643	48.886	nq	100
49) Dimethylphthalate	9.68	163	1114137	53.775	nq	99
50) 2,6-Dinitrotoluene	9.75	165	238730	52.927	nq	90
51) Acenaphthene	9.99	154	799016	46.516	nq	100
52) 3-Nitroaniline	9.90	138	56610	10.764	nq	# 94
53) 2,4-Dinitrophenol	10.02	184	147374	64.012	nq	93
54) Dibenzofuran	10.17	168	1185486	51.834	nq	99
55) 4-Nitrophenol	10.07	139	362478	81.508	nq	96
56) 2,4-Dinitrotoluene	10.15	165	319138	54.517	nq	91
57) Fluorene	10.51	166	886647	48.233	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.28	232	206609	51.660	nq	96
59) Diethylphthalate	10.38	149	1045504	51.642	nq	97
60) 4-Chlorophenyl-phenylether	10.50	204	407710	49.374	nq	97
61) 4-Nitroaniline	10.53	138	219716	43.302	nq	98
62) Azobenzene	10.66	77	982576	52.785	nq	98
64) 4,6-Dinitro-2-methylphenol	10.56	198	119011	43.714	nq	90
65) n-Nitrosodiphenylamine	10.62	169	829426	53.506	nq	100
66) 4-Bromophenyl-phenylether	10.99	248	241291	55.090	nq	99
67) Hexachlorobenzene	11.06	284	231197	49.423	nq	98
68) Atrazine	11.14	200	254370	54.540	nq	99
69) Pentachlorophenol	11.25	266	242576	83.320	nq	99
70) Phenanthrene	11.47	178	1225578	51.169	nq	99
71) Anthracene	11.53	178	1254709	51.198	nq	99
72) Carbazole	11.67	167	1159600	48.319	nq	100
73) Di-n-butylphthalate	12.00	149	1556620	53.887	nq	100
74) Fluoranthene	12.66	202	1101361	45.410	nq	98
76) Benzidine	12.77	184	242005	28.432	nq	97
77) Pyrene	12.89	202	1086037	61.888	nq	99
79) Butylbenzylphthalate	13.50	149	552496	66.991	nq	96
80) Benzo(a)anthracene	14.07	228	742968	53.317	nq	100
81) 3,3'-Dichlorobenzidine	14.03	252	142848	27.963	nq	100
82) Chrysene	14.12	228	691367	52.113	nq	99
83) Bis(2-ethylhexyl)phthalate	14.05	149	738216	65.006	nq	# 99
84) Di-n-octyl phthalate	14.66	149	1095385	59.904	nq	98
85) Indeno(1,2,3-cd)pyrene	17.10	276	758178	71.442	nq	97
87) Benzo(b)fluoranthene	15.14	252	679127	49.183	nq	97
88) Benzo(k)fluoranthene	15.17	252	660734	48.447	nq	99
89) Benzo(a)pyrene	15.52	252	671022	52.942	nq	# 97
90) Dibenzo(a,h)anthracene	17.12	278	632404	62.345	nq	97
91) Benzo(g,h,i)perylene	17.56	276	621352	61.970	nq	96

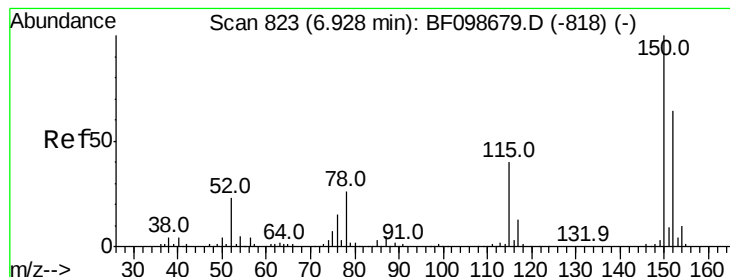
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.92 min Scan# 821

Delta R.T. -0.01 min

Lab File: BF098946.D

Acq: 29 Sep 2017 14:24

Instrument :

BNA_F

ClientSampleId :

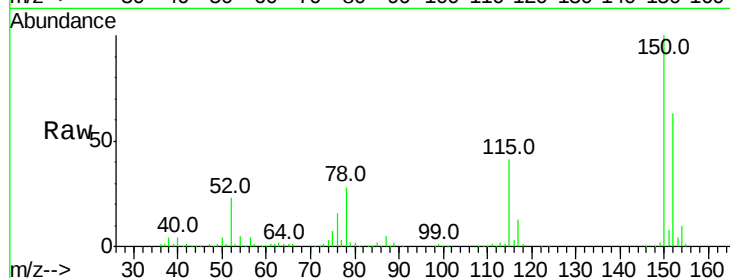
Tot Ion:152 Resp: 141608

Ion Ratio Lower Upper

152 100

150 159.9 124.6 186.8

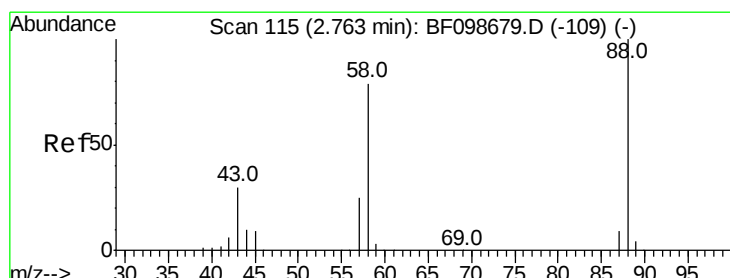
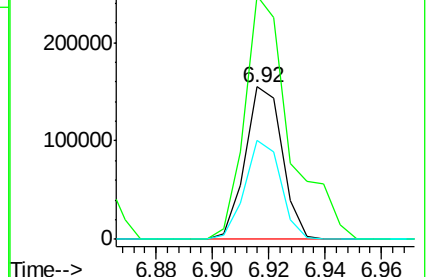
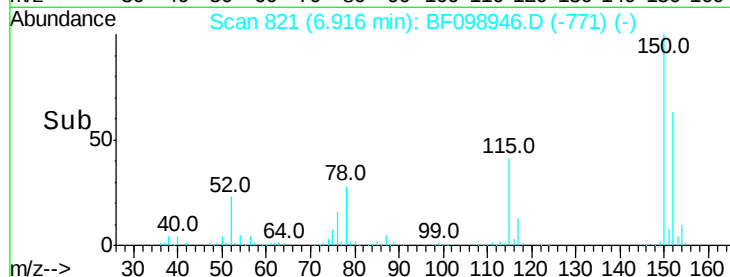
115 64.9 50.1 75.1



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: 39.034 ng

RT: 2.97 min Scan# 150

Delta R.T. 0.21 min

Lab File: BF098946.D

Acq: 29 Sep 2017 14:24

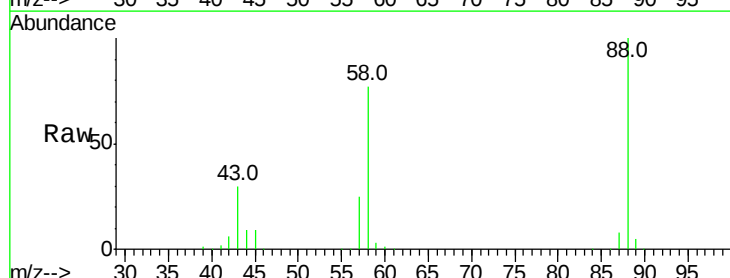
Tgt Ion: 88 Resp: 165867

Ion Ratio Lower Upper

88 100

58 78.0 62.6 93.8

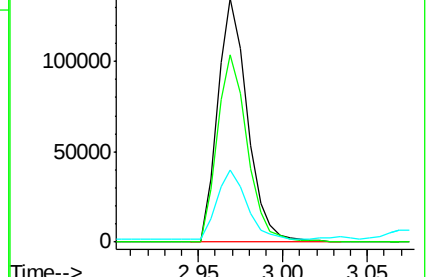
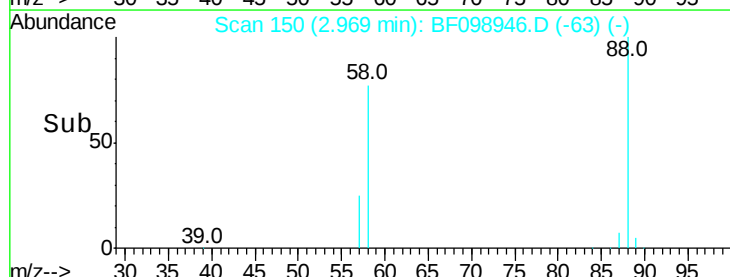
43 0.0 24.6 37.0#

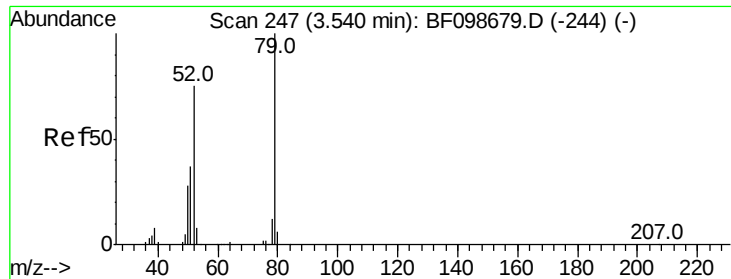


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

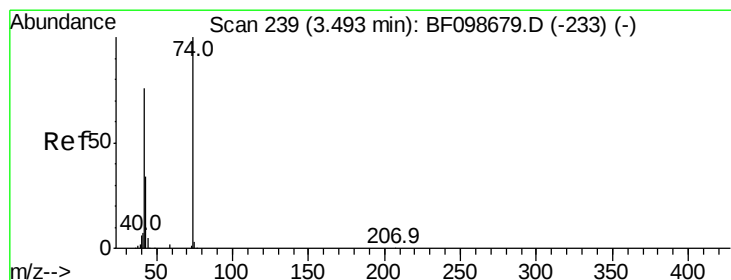
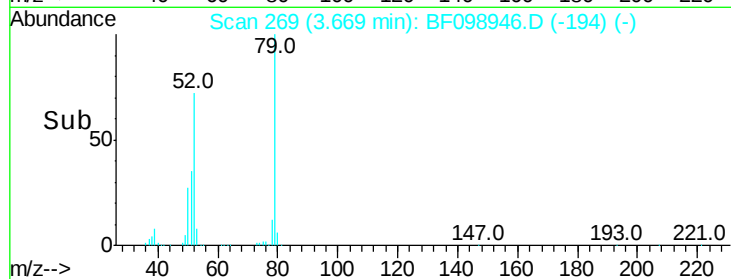
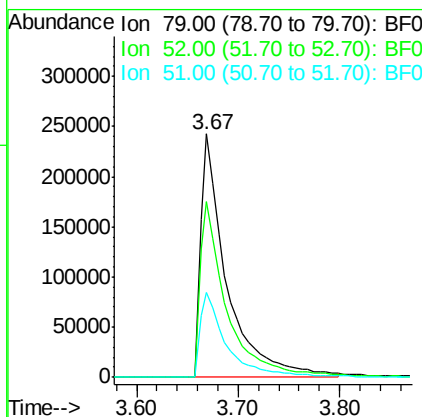
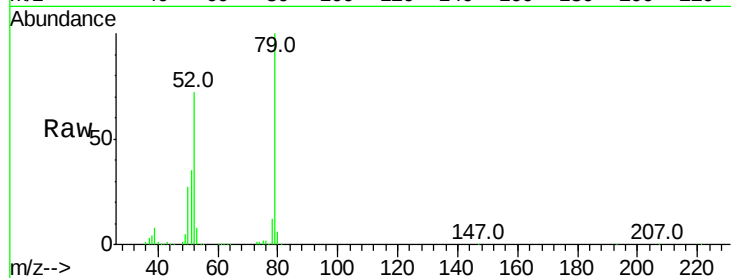




#3
 Pvridine
 Concen: 37.494 ng
 RT: 3.67 min Scan# 269
 Delta R.T. 0.14 min
 Lab File: BF098946.D
 Acq: 29 Sep 2017 14:24

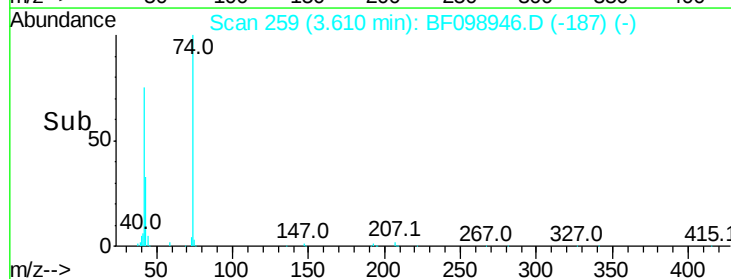
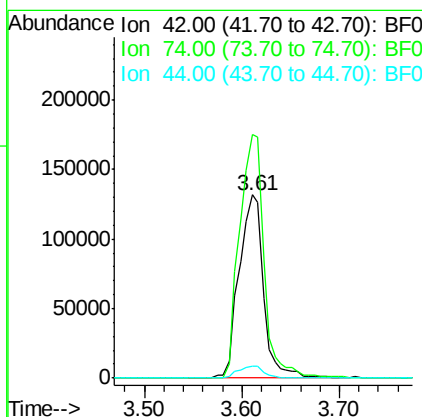
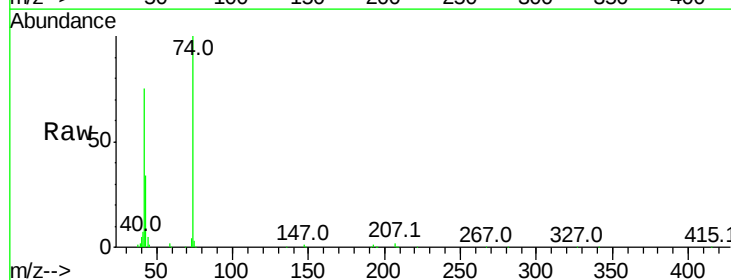
Instrument :
 BNA_F
 ClientSampleId :

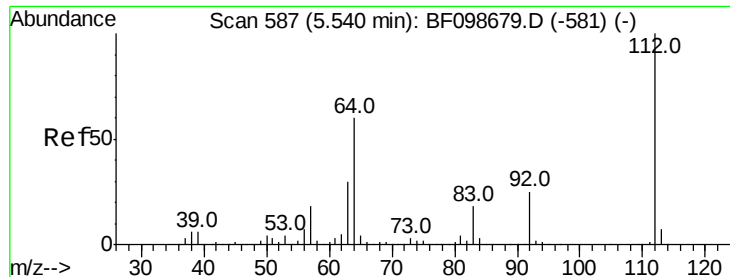
Tot Ion: 79 Resp: 431002
 Ion Ratio Lower Upper
 79 100
 52 72.1 59.8 89.6
 51 34.8 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 47.110 ng
 RT: 3.61 min Scan# 259
 Delta R.T. 0.12 min
 Lab File: BF098946.D
 Acq: 29 Sep 2017 14:24

Tgt Ion: 42 Resp: 229638
 Ion Ratio Lower Upper
 42 100
 74 132.8 104.9 157.3
 44 6.3 6.9 10.3#





#5

2-Fluorophenol

Concen: 135.519 ng

RT: 5.56 min Scan# 591

Delta R.T. 0.02 min

Lab File: BF098946.D

Acq: 29 Sep 2017 14:24

Instrument :
BNA_F
ClientSampled :

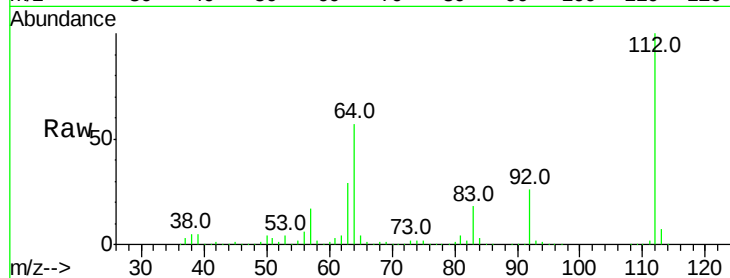
Tot Ion:112 Resp: 1205516

Ion Ratio Lower Upper

112 100

64 57.2 47.9 71.9

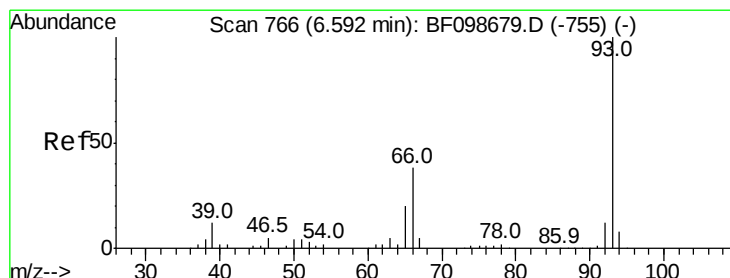
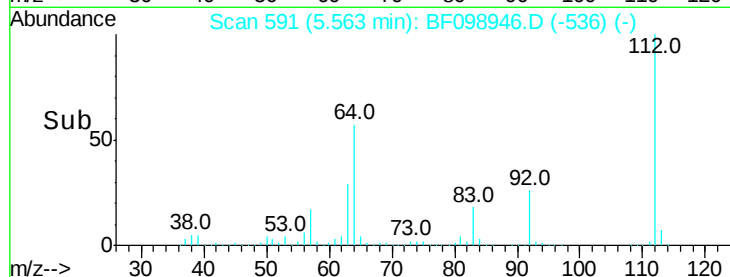
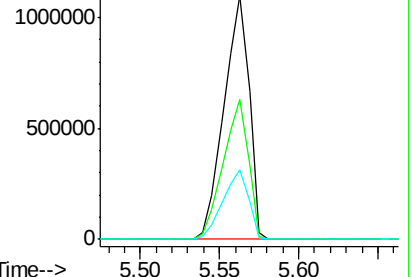
63 28.5 23.7 35.5



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: 5.445 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF098946.D

Acq: 29 Sep 2017 14:24

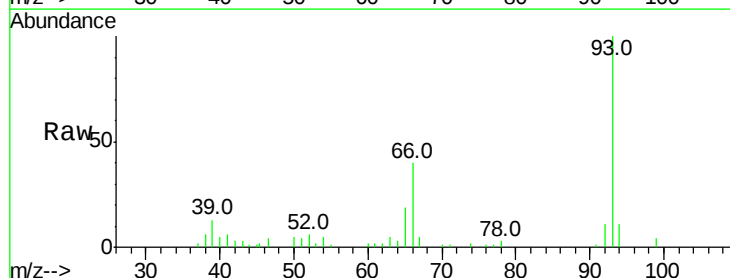
Tgt Ion: 93 Resp: 80646

Ion Ratio Lower Upper

93 100

66 40.3 32.2 48.2

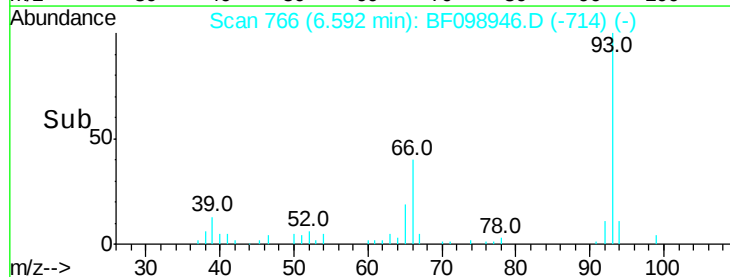
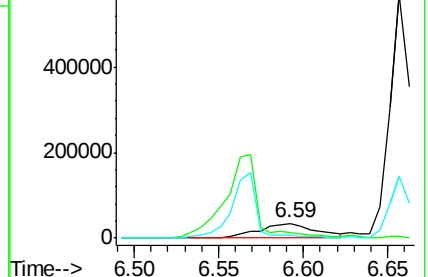
65 18.9 16.4 24.6



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: 127.894 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.01 min

Lab File: BF098946.D

Acq: 29 Sep 2017 14:24

Instrument :

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ClientSampleId :

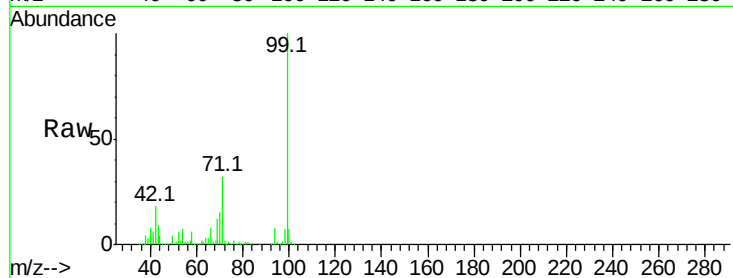
Tot Ion: 99 Resp: 1403463

Ion Ratio Lower Upper

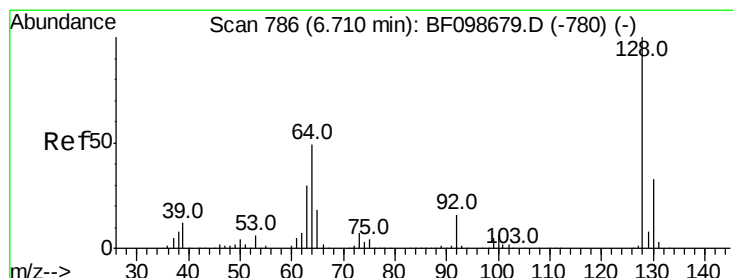
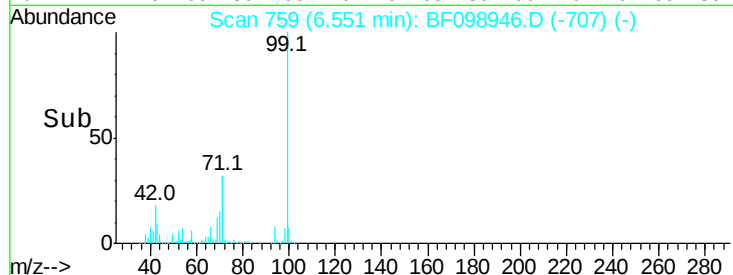
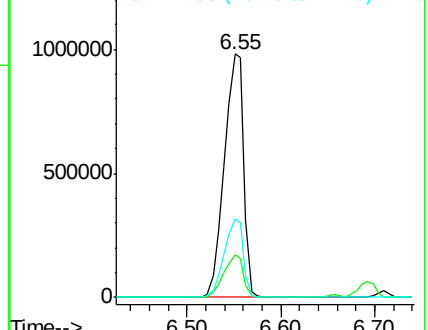
99 100

42 17.6 14.5 21.7

71 32.1 25.4 38.0



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: 46.150 ng

RT: 6.71 min Scan# 786

Delta R.T. -0.00 min

Lab File: BF098946.D

Acq: 29 Sep 2017 14:24

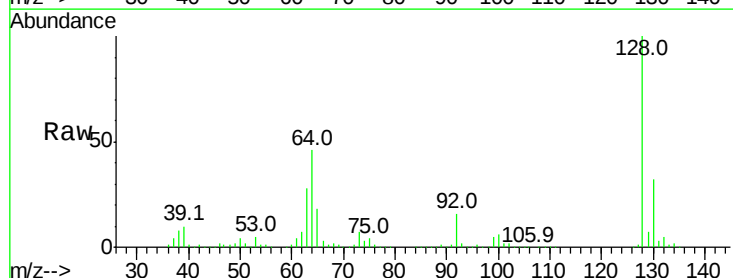
Tgt Ion:128 Resp: 464908

Ion Ratio Lower Upper

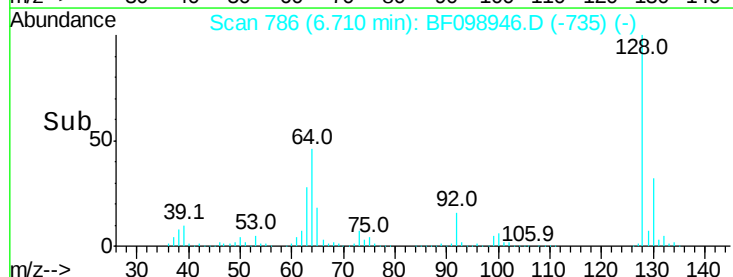
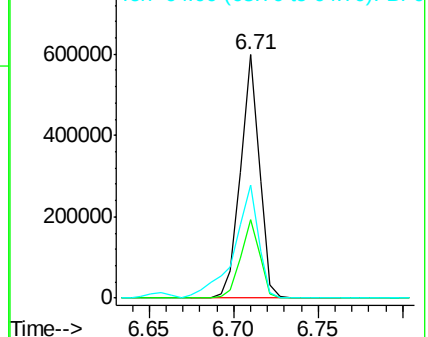
128 100

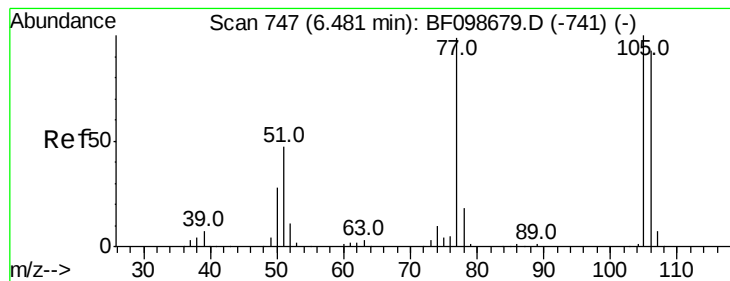
130 32.5 13.0 53.0

64 46.3 29.4 69.4



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: 15.218 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

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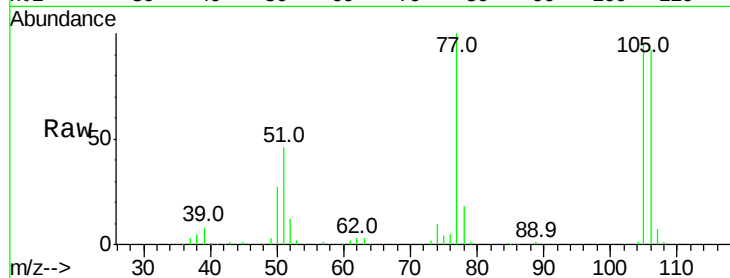
Tot Ion: 77 Resp: 96870

Ion Ratio Lower Upper

77 100

105 94.6 81.1 121.1

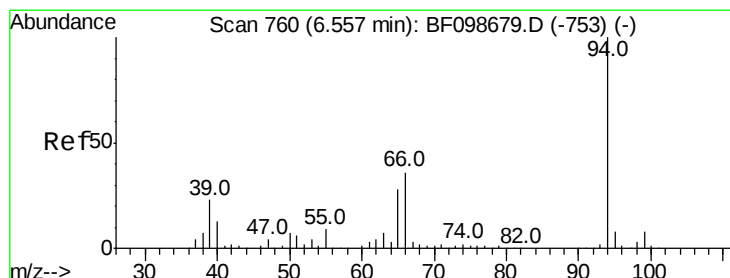
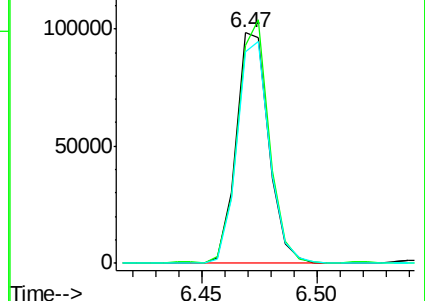
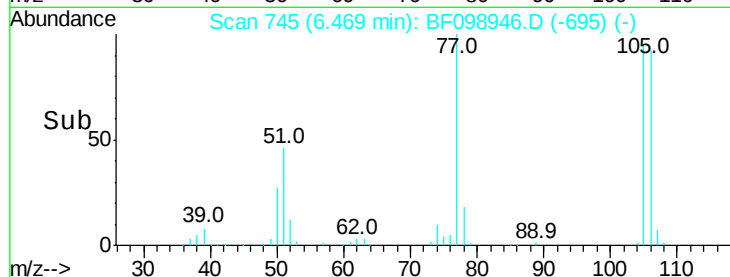
106 91.6 74.5 114.5



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: 41.771 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.01 min

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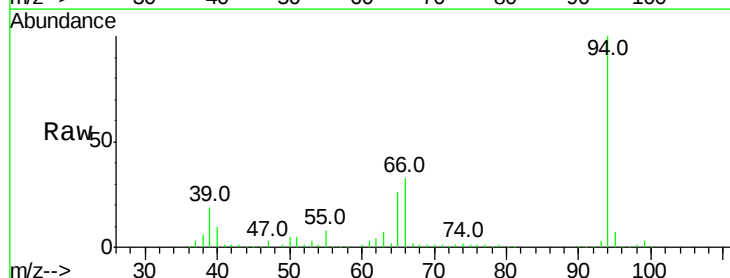
Tgt Ion: 94 Resp: 512647

Ion Ratio Lower Upper

94 100

65 26.2 7.9 47.9

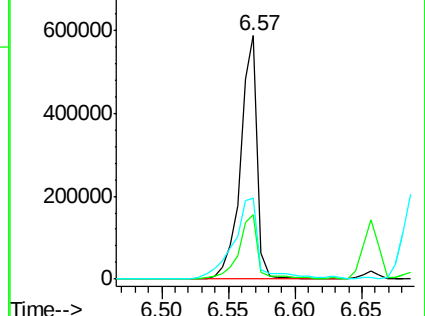
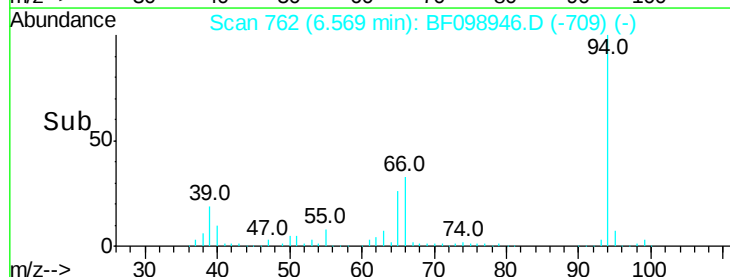
66 33.2 16.2 56.2

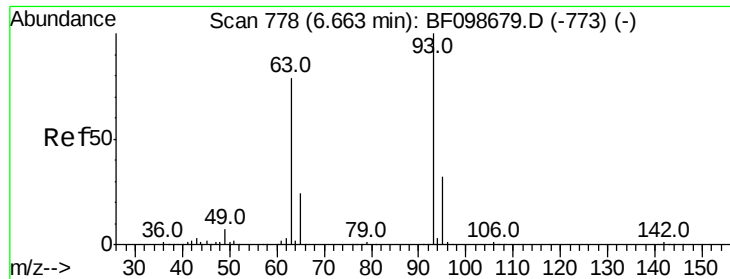


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

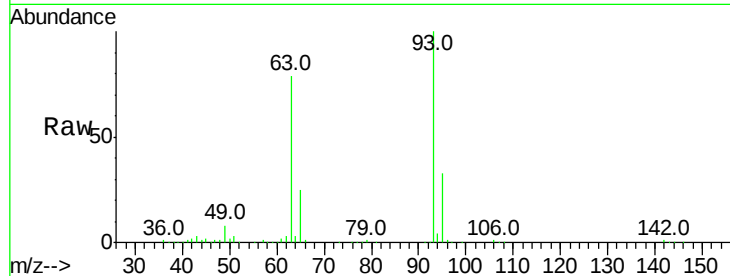




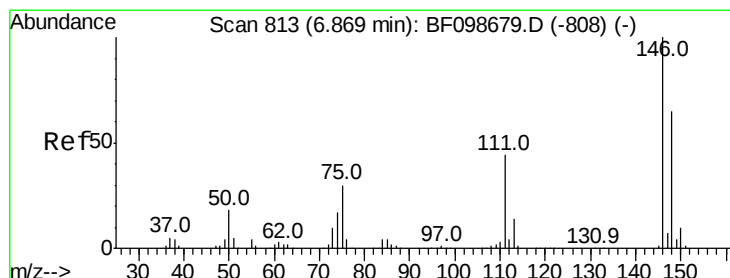
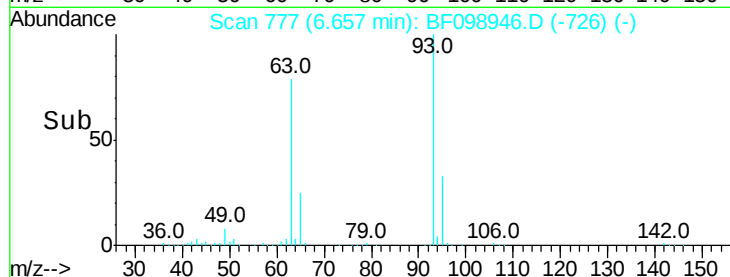
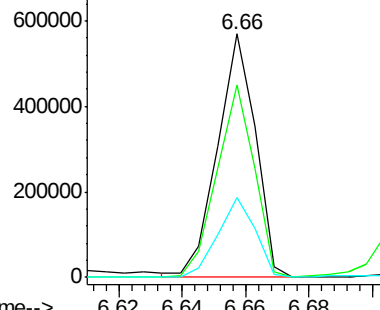
#11
bis(2-Chloroethyl)ether
Concen: 49.250 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.00 min
Lab File: BF098946.D
Acq: 29 Sep 2017 14:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 469891
Ion Ratio Lower Upper
93 100
63 79.2 58.6 98.6
95 32.5 11.8 51.8

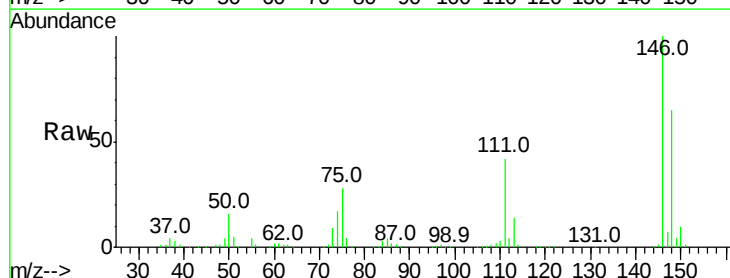


Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0

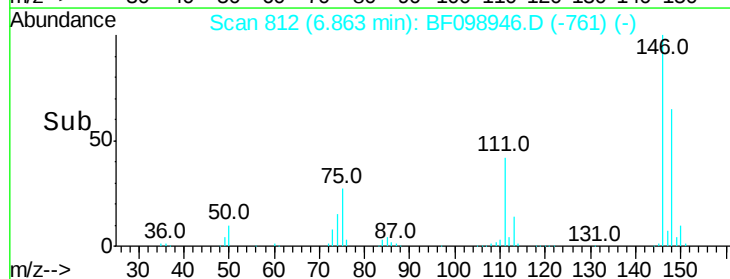
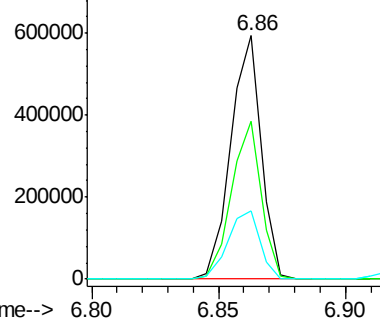


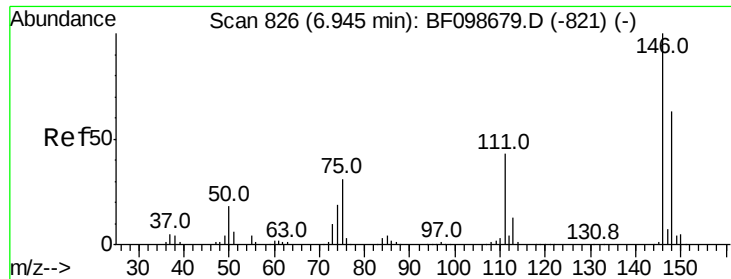
#12
1,3-Dichlorobenzene
Concen: 47.226 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF098946.D
Acq: 29 Sep 2017 14:24

Tgt Ion: 146 Resp: 498237
Ion Ratio Lower Upper
146 100
148 64.6 51.8 77.8
75 27.9 24.2 36.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF0

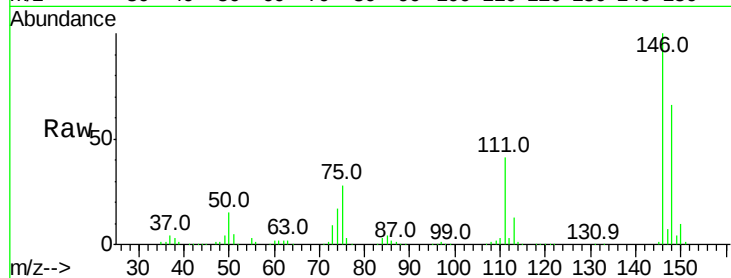




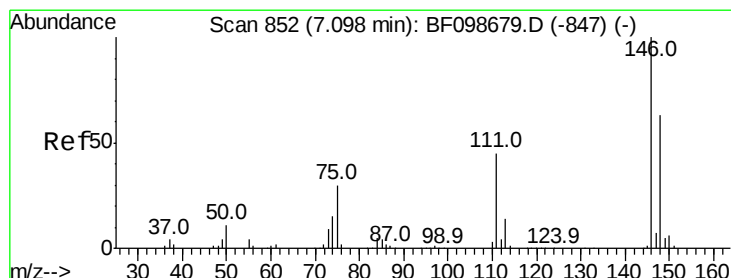
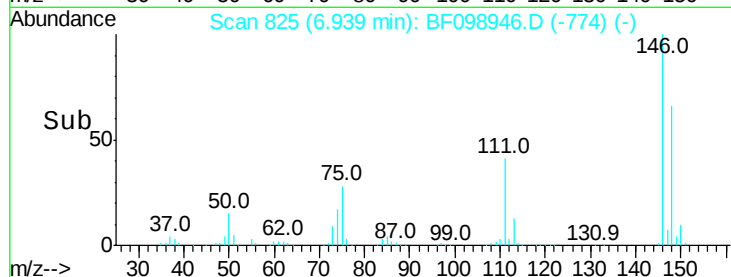
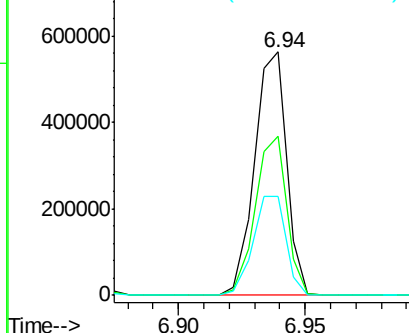
#13
 1,4-Dichlorobenzene
 Concen: 46.454 ng
 RT: 6.94 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BF098946.D
 Acq: 29 Sep 2017 14:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 498643
 Ion Ratio Lower Upper
 146 100
 148 65.6 50.8 76.2
 111 40.6 34.2 51.2

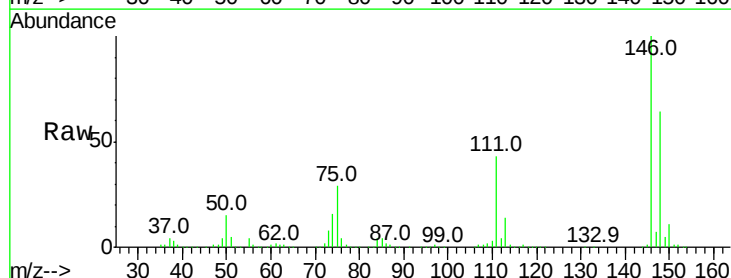


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

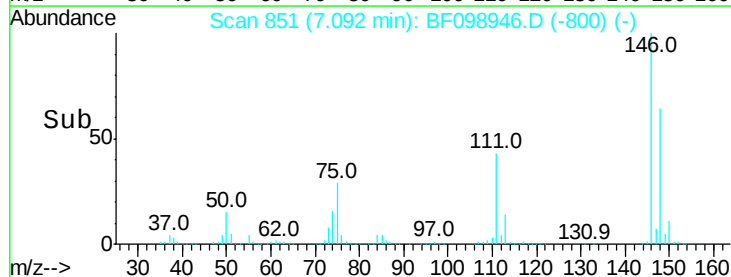
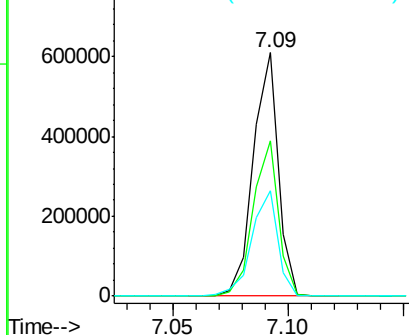


#14
 1,2-Dichlorobenzene
 Concen: 46.736 ng
 RT: 7.09 min Scan# 851
 Delta R.T. -0.00 min
 Lab File: BF098946.D
 Acq: 29 Sep 2017 14:24

Tgt Ion:146 Resp: 463536
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.6 75.8
 111 43.1 36.0 54.0



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 50.691 ng

RT: 7.06 min Scan# 846

Delta R.T. -0.00 min

Lab File: BF098946.D

Acq: 29 Sep 2017 14:24

Instrument :

BNA_F

ClientSampleId :

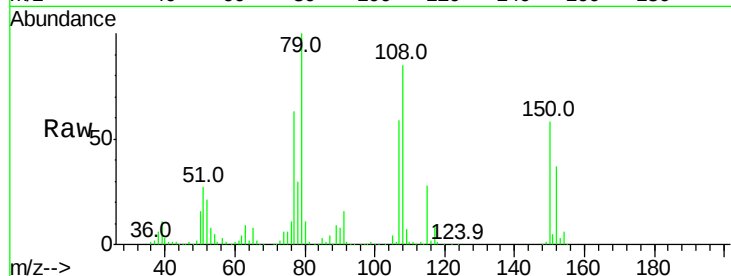
Tot Ion: 79 Resp: 408082

Ion Ratio Lower Upper

79 100

108 84.8 65.1 97.7

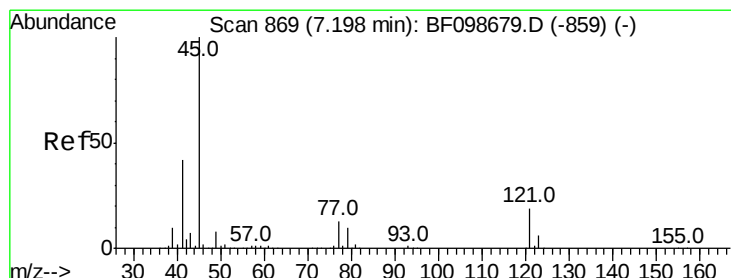
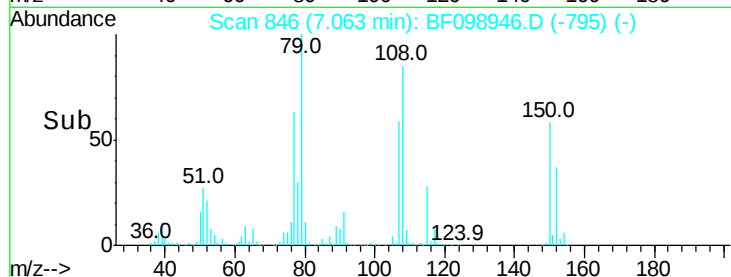
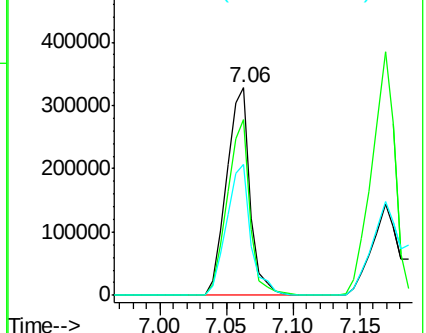
77 63.3 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 49.719 ng

RT: 7.19 min Scan# 868

Delta R.T. -0.00 min

Lab File: BF098946.D

Acq: 29 Sep 2017 14:24

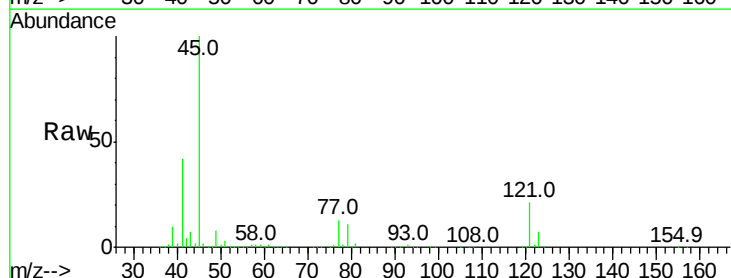
Tgt Ion: 45 Resp: 739066

Ion Ratio Lower Upper

45 100

77 13.4 0.0 32.9

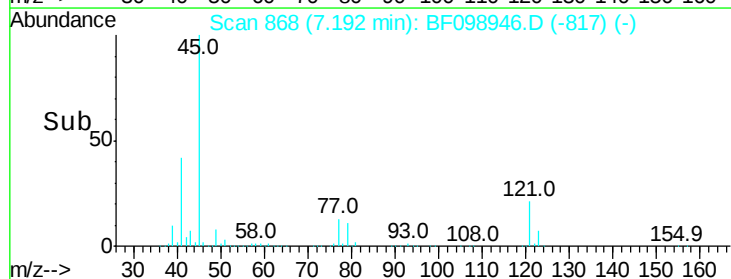
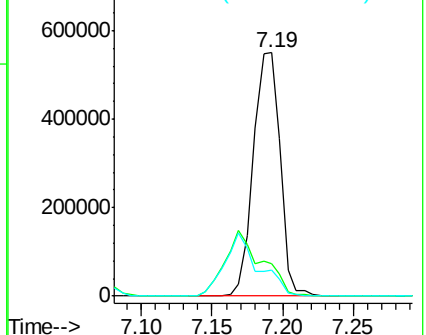
79 10.7 0.0 29.6

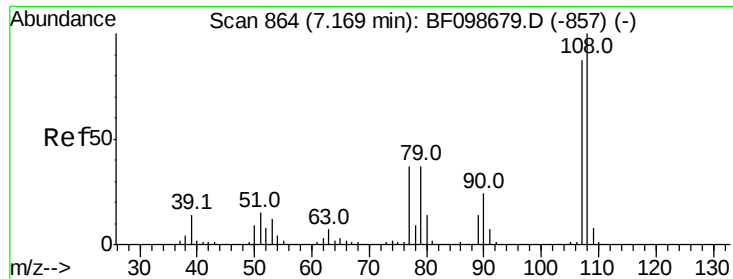


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

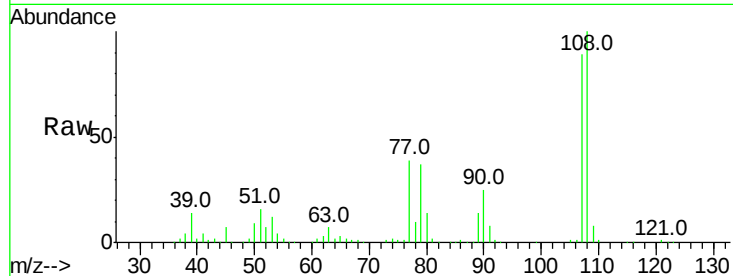




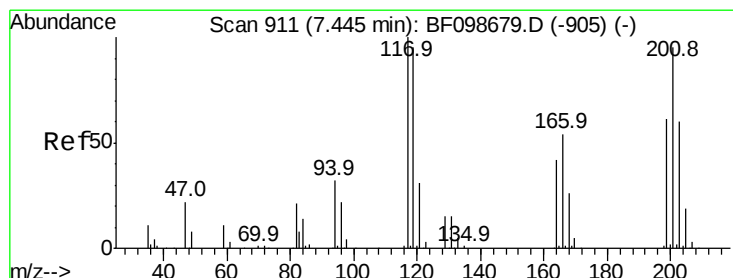
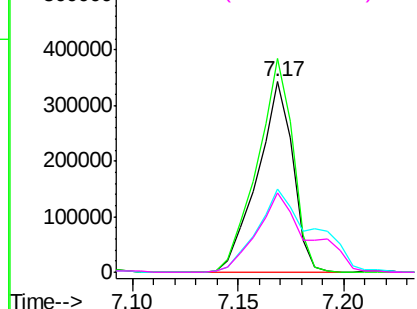
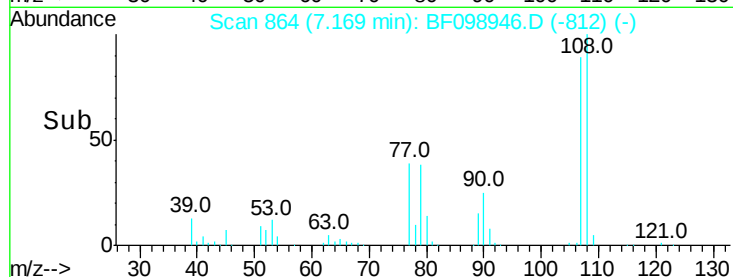
#17
2-Methylphenol
Concen: 48.756 ng
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: BF098946.D
Acq: 29 Sep 2017 14:24

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 401879
Ion Ratio Lower Upper
107 100
108 112.3 91.7 137.5
77 43.5 33.8 50.8
79 41.9 33.8 50.8

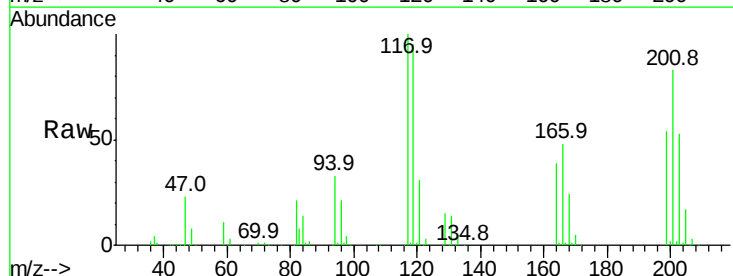


Abundance Ion 107.00 (106.70 to 107.70): E
600000
Ion 108.00 (107.70 to 108.70): E
500000
Ion 77.00 (76.70 to 77.70): BF0
400000
Ion 79.00 (78.70 to 79.70): BF0

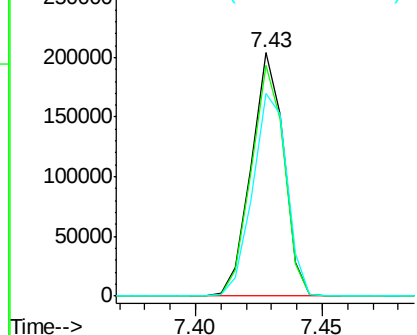
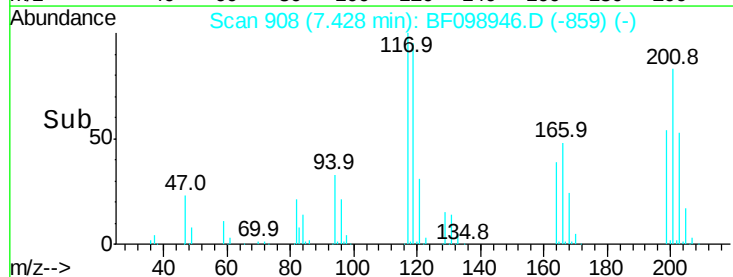


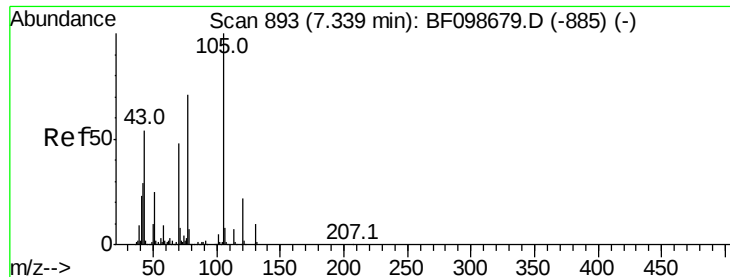
#18
Hexachloroethane
Concen: 47.523 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF098946.D
Acq: 29 Sep 2017 14:24

Tgt Ion:117 Resp: 183354
Ion Ratio Lower Upper
117 100
119 94.9 75.8 113.8
201 83.4 75.7 113.5



Abundance Ion 117.00 (116.70 to 117.70): E
250000
Ion 119.00 (118.70 to 119.70): E
200000
Ion 201.00 (200.70 to 201.70): E

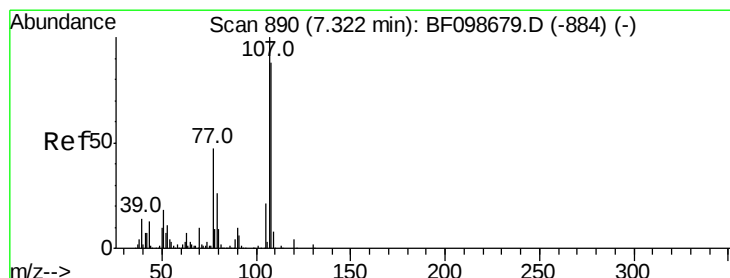
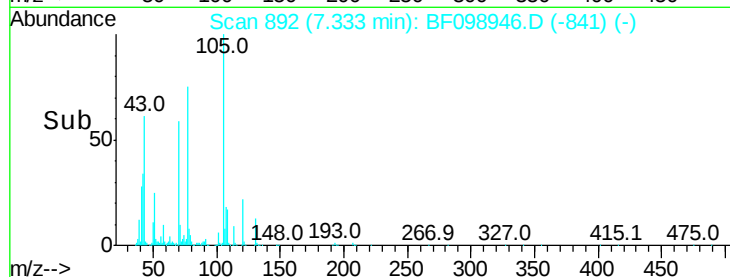
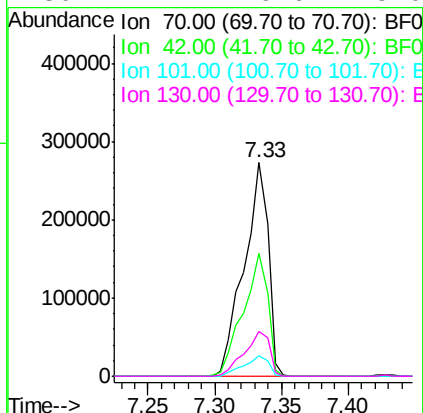
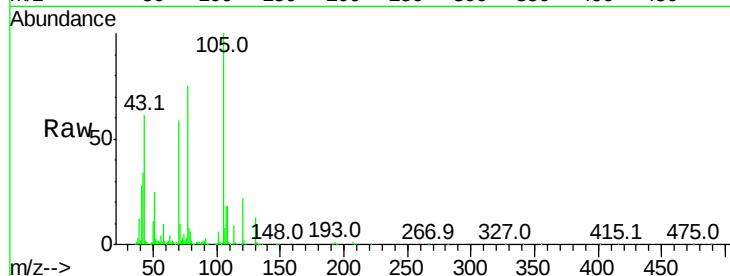




#19
n-Nitroso-di-n-propylamine
Concen: 48.662 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.00 min
Lab File: BF098946.D
Acq: 29 Sep 2017 14:24

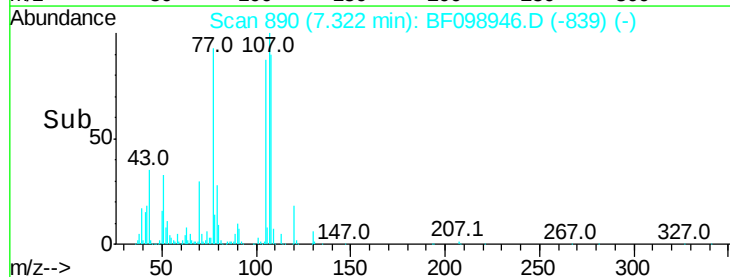
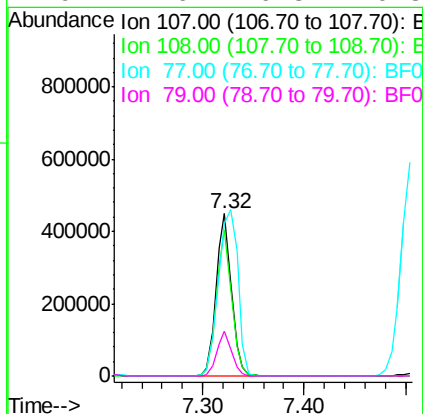
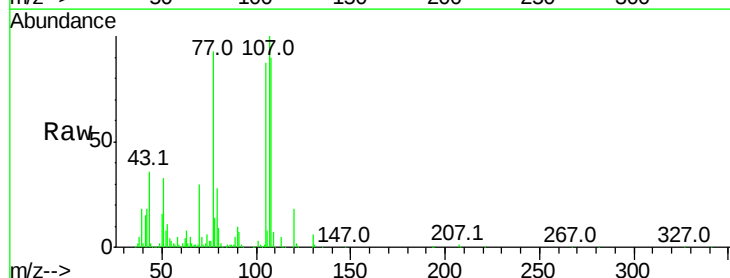
Instrument :
BNA_F
ClientSampleId :

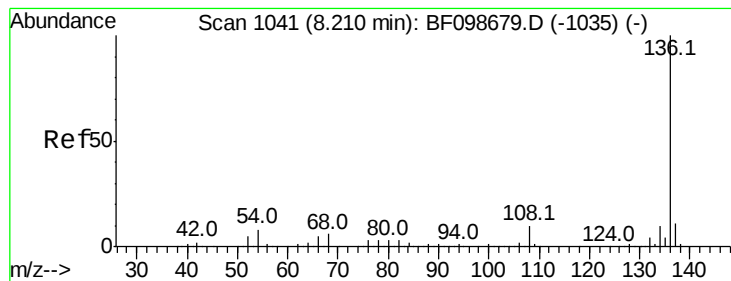
Tot Ion:	70	Resp:	340933
Ion	Ratio	Lower	Upper
70	100		
42	57.4	47.5	71.3
101	9.4	7.4	11.2
130	21.2	16.6	25.0



#20
3+4-Methylphenols
Concen: 45.153 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF098946.D
Acq: 29 Sep 2017 14:24

Tgt Ion:	107	Resp:	470835
Ion	Ratio	Lower	Upper
107	100		
108	90.1	68.2	108.2
77	93.4	26.7	66.7#
79	27.6	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF098946.D

Acq: 29 Sep 2017 14:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 607365

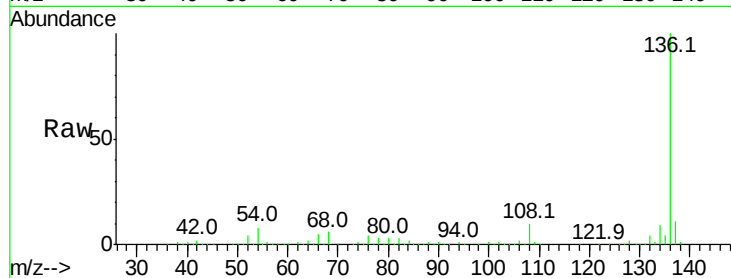
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 8.3 6.6 9.8

68 6.1 5.0 7.4

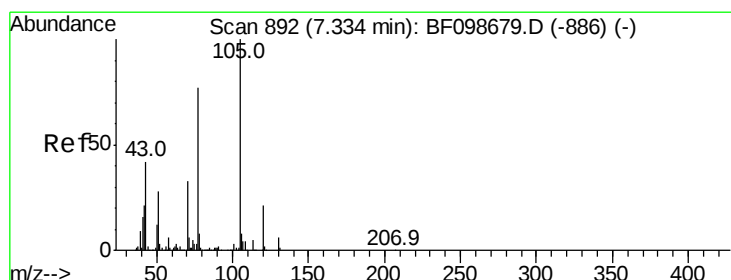
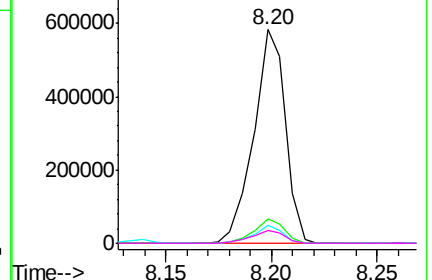
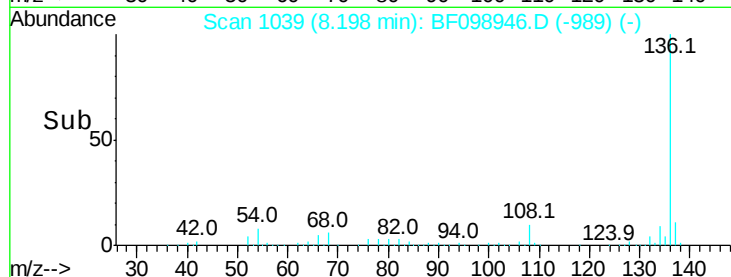


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 44.837 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.01 min

Lab File: BF098946.D

Acq: 29 Sep 2017 14:24

Tgt Ion:105 Resp: 659789

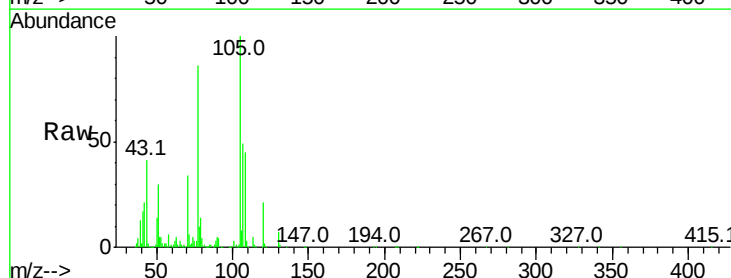
Ion Ratio Lower Upper

105 100

71 5.9 4.4 6.6

51 29.8 22.3 33.5

120 21.1 16.9 25.3

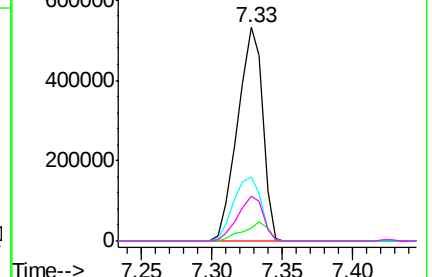
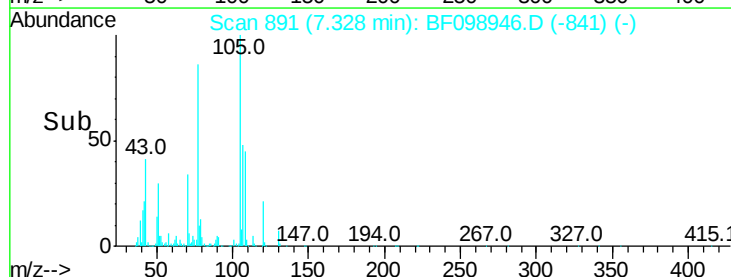


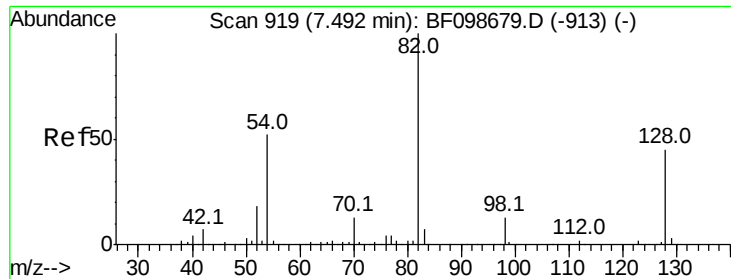
Abundance Ion 105.00 (104.70 to 105.70): E

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

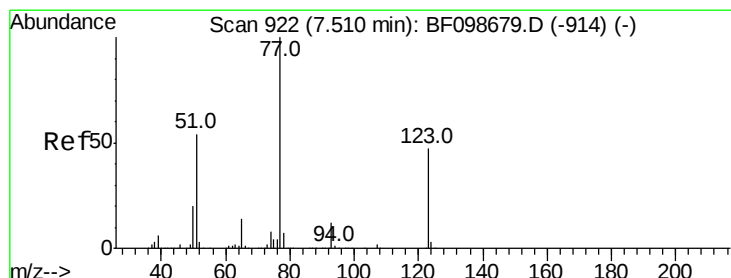
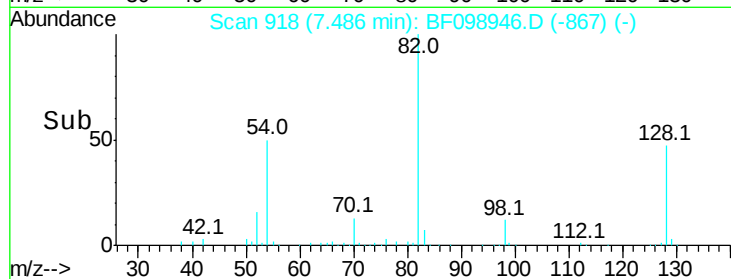
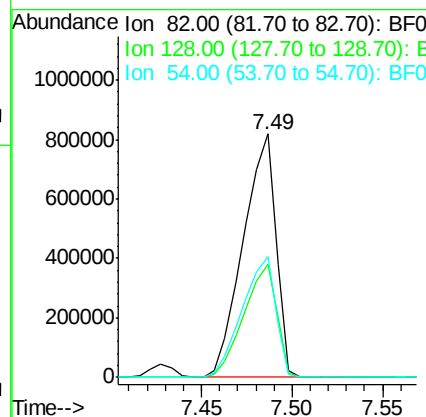
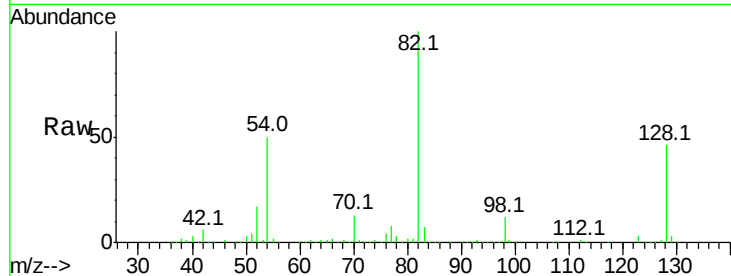




#23
Nitrobenzene-d5
Concen: 109.084 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.00 min
Lab File: BF098946.D
Acq: 29 Sep 2017 14:24

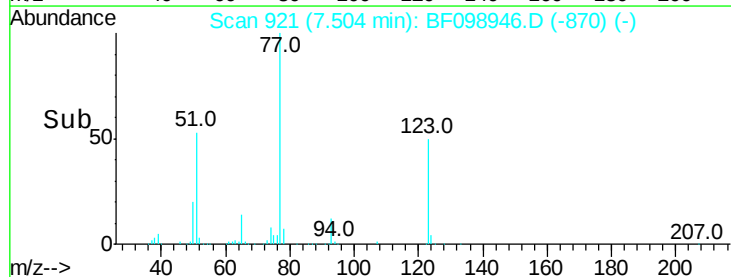
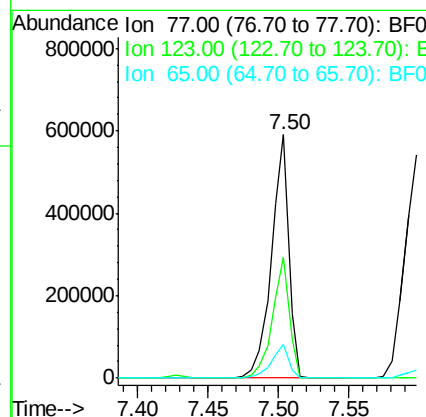
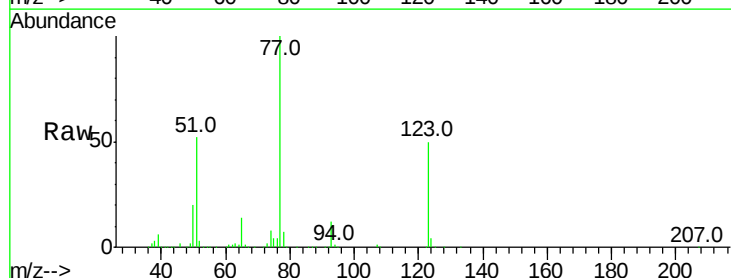
Instrument :
BNA_F
ClientSampled :

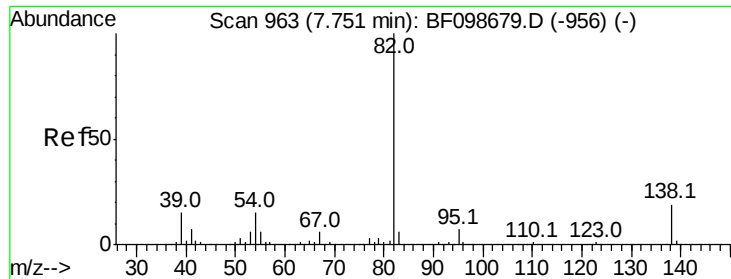
Tot Ion: 82 Resp: 1033119
Ion Ratio Lower Upper
82 100
128 46.5 36.1 54.1
54 49.6 41.4 62.2



#24
Nitrobenzene
Concen: 47.808 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.00 min
Lab File: BF098946.D
Acq: 29 Sep 2017 14:24

Tgt Ion: 77 Resp: 513617
Ion Ratio Lower Upper
77 100
123 49.6 37.9 56.9
65 14.0 11.0 16.4

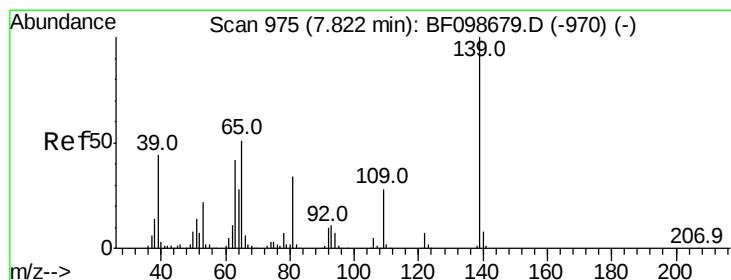
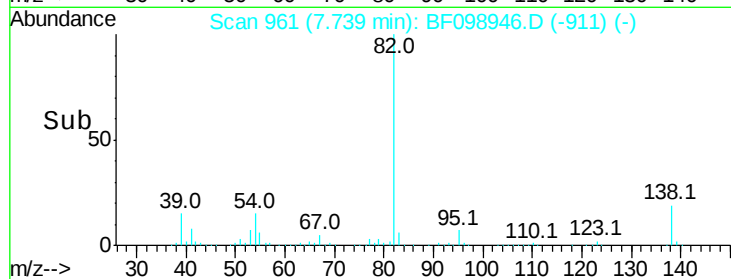
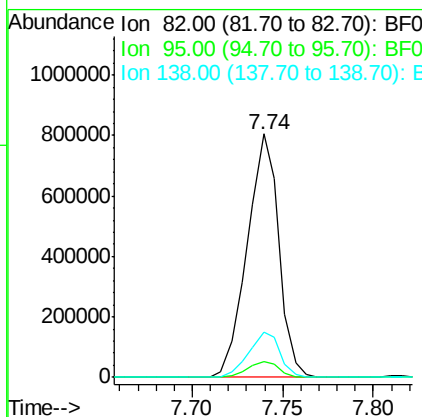
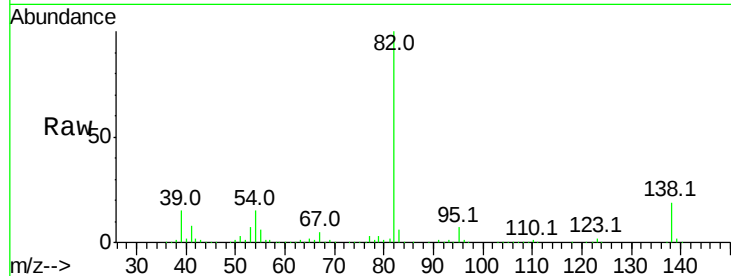




#25
Isophorone
Concen: 49.809 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.01 min
Lab File: BF098946.D
Acq: 29 Sep 2017 14:24

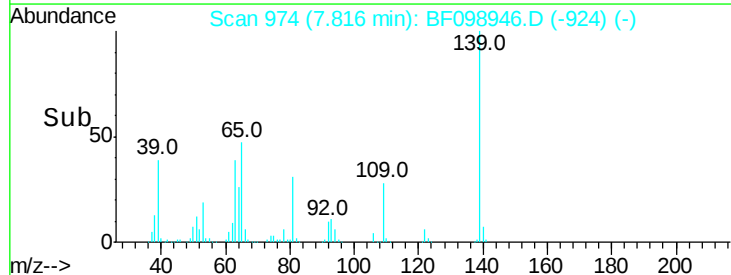
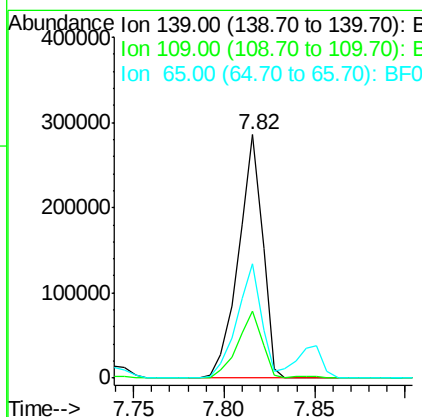
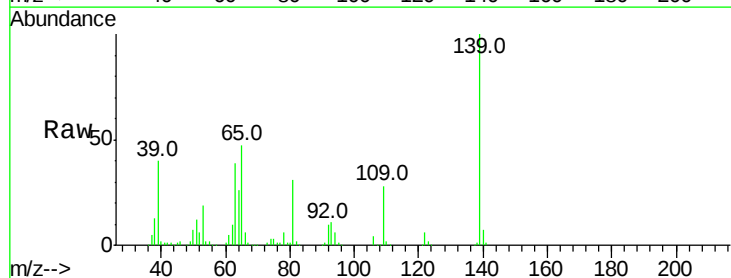
Instrument :
BNA_F
ClientSampleId :

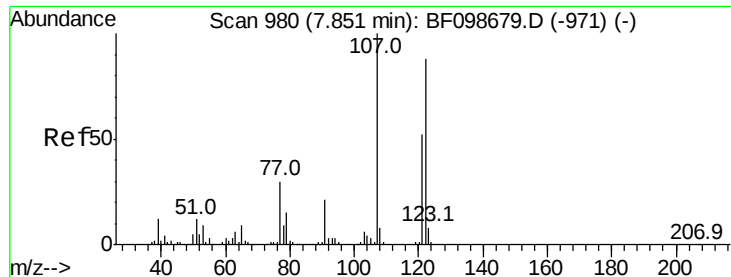
Tot Ion: 82 Resp: 975317
Ion Ratio Lower Upper
82 100
95 6.7 5.2 7.8
138 18.5 14.9 22.3



#26
2-Nitrophenol
Concen: 51.045 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.01 min
Lab File: BF098946.D
Acq: 29 Sep 2017 14:24

Tgt Ion: 139 Resp: 263711
Ion Ratio Lower Upper
139 100
109 27.6 22.7 34.1
65 46.9 40.5 60.7

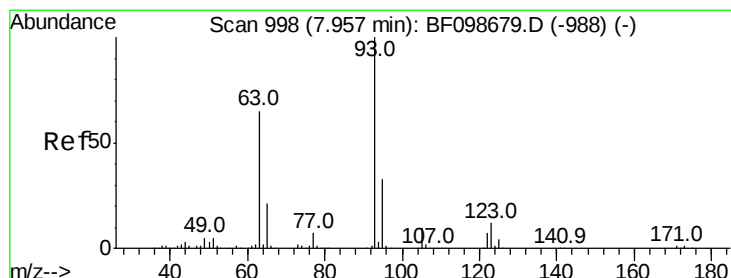
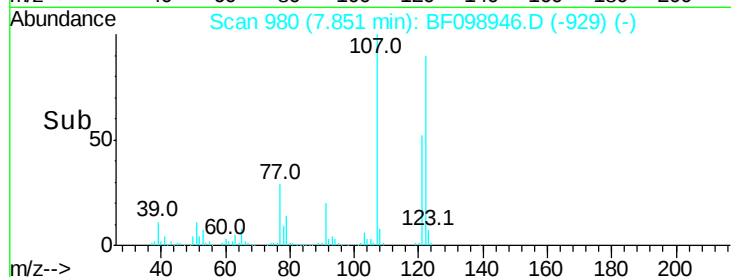
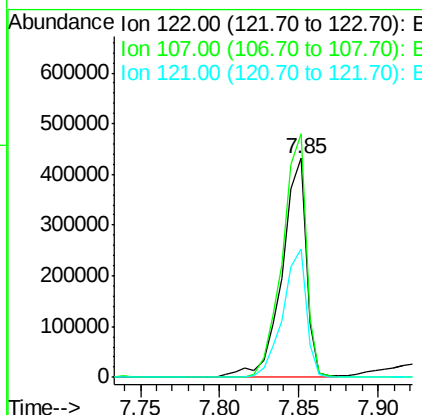
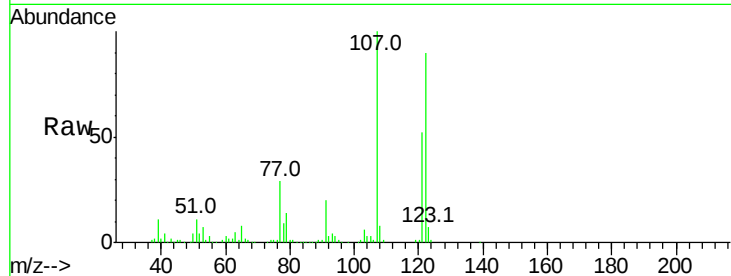




#27
 2,4-Dimethylphenol
 Concen: 47.319 ng
 RT: 7.85 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: BF098946.D
 Acq: 29 Sep 2017 14:24

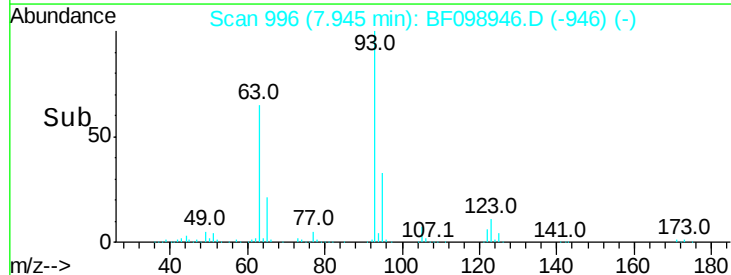
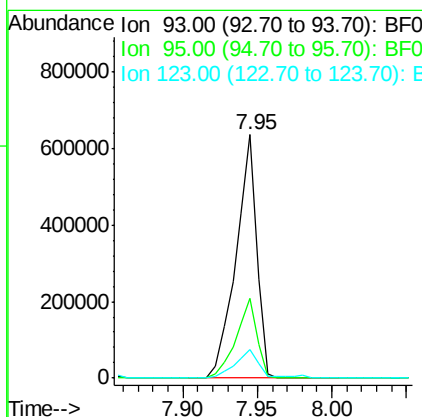
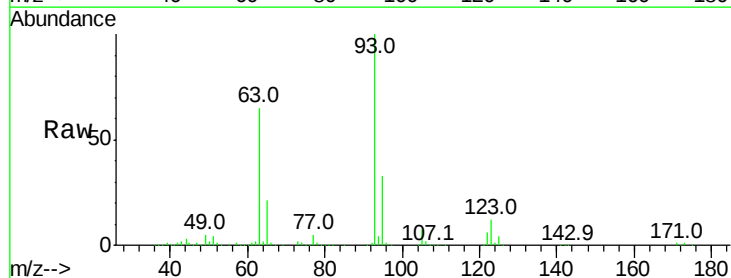
Instrument :
 BNA_F
 ClientSampleId :

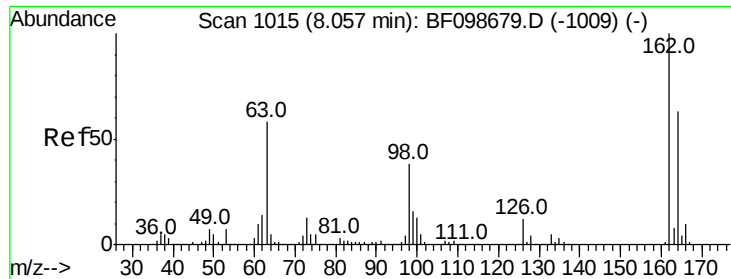
Tot Ion:122 Resp: 461670
 Ion Ratio Lower Upper
 122 100
 107 111.2 91.2 136.8
 121 58.4 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 50.955 ng
 RT: 7.95 min Scan# 996
 Delta R.T. -0.01 min
 Lab File: BF098946.D
 Acq: 29 Sep 2017 14:24

Tgt Ion: 93 Resp: 621780
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.3 39.5
 123 11.5 9.8 14.6

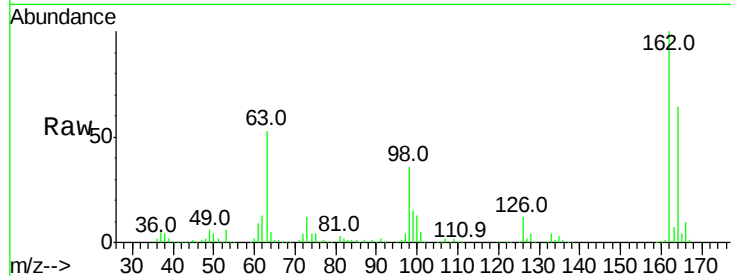




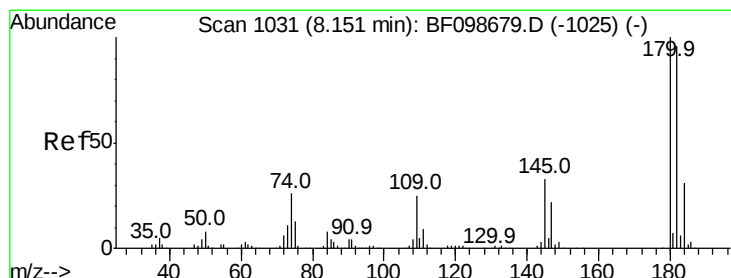
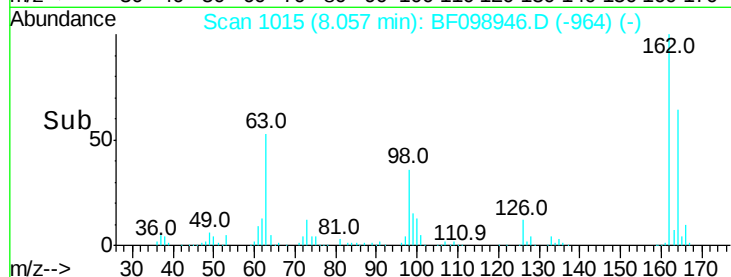
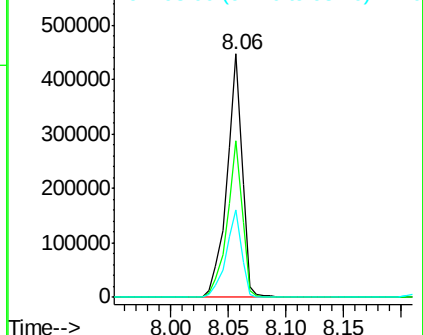
#29
 2,4-Dichlorophenol
 Concen: 48.895 ng
 RT: 8.06 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: BF098946.D
 Acq: 29 Sep 2017 14:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	42.7	82.7
98	35.9	18.1	58.1

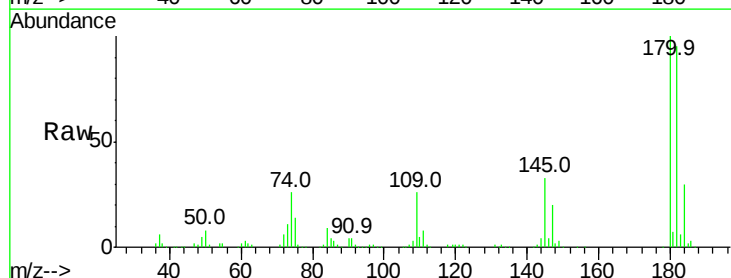


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

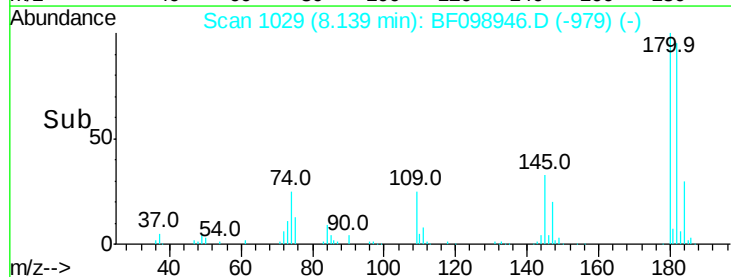
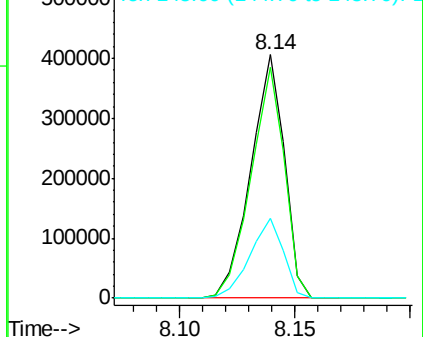


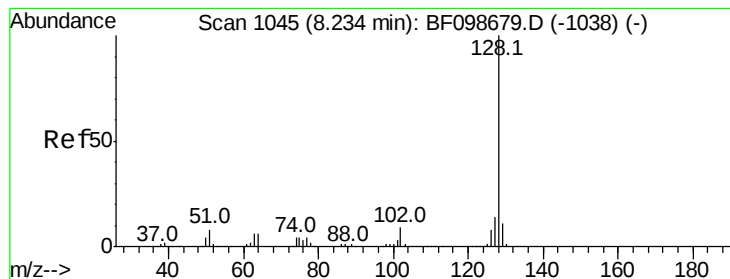
#30
 1,2,4-Trichlorobenzene
 Concen: 49.066 ng
 RT: 8.14 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF098946.D
 Acq: 29 Sep 2017 14:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	76.8	115.2
145	32.9	26.5	39.7



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: 48.948 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF098946.D

Acq: 29 Sep 2017 14:24

Instrument :

BNA_F

ClientSampleId :

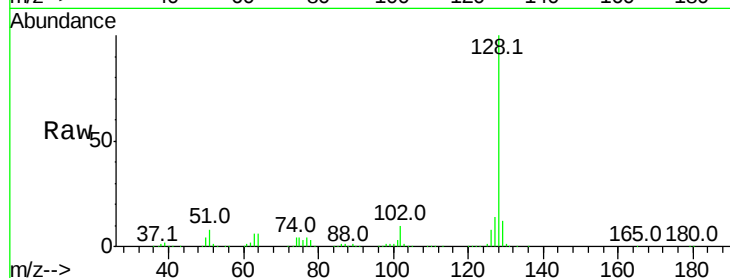
Tot Ion:128 Resp: 1396277

Ion Ratio Lower Upper

128 100

129 11.8 8.8 13.2

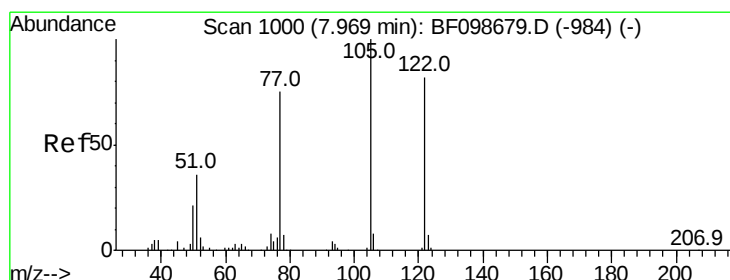
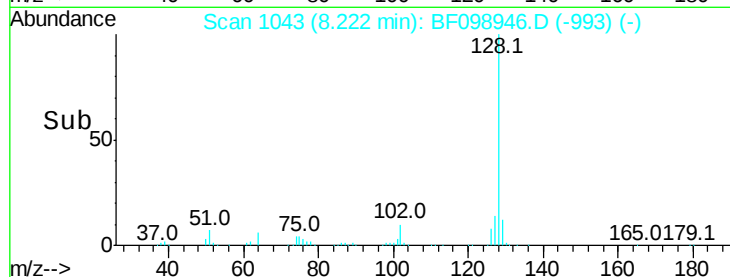
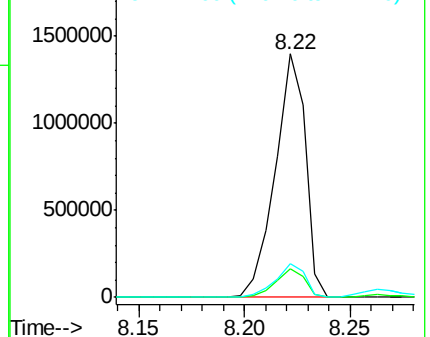
127 13.7 10.9 16.3



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: 30.190 ng

RT: 7.98 min Scan# 1002

Delta R.T. 0.01 min

Lab File: BF098946.D

Acq: 29 Sep 2017 14:24

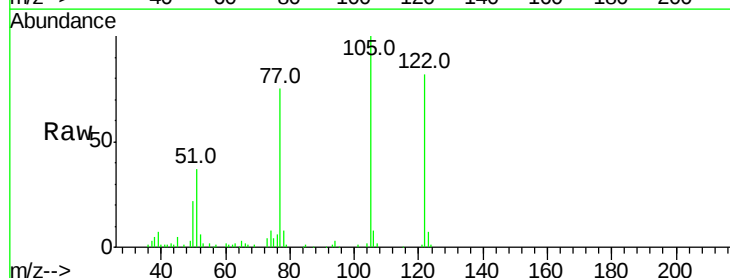
Tgt Ion:122 Resp: 241951

Ion Ratio Lower Upper

122 100

105 121.3 101.1 141.1

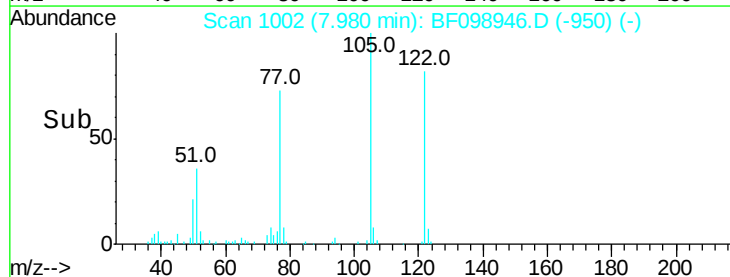
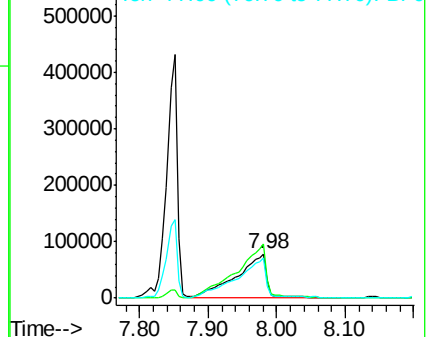
77 91.3 70.7 110.7

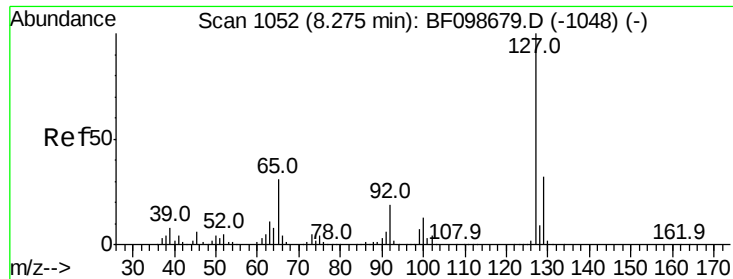


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

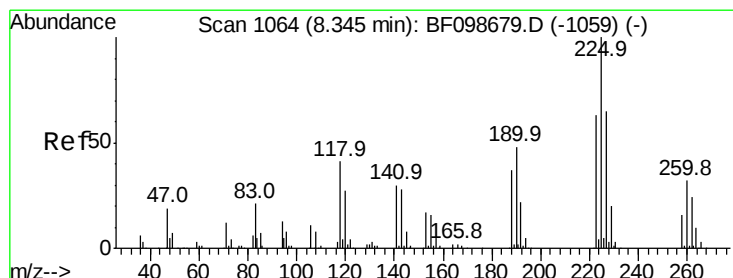
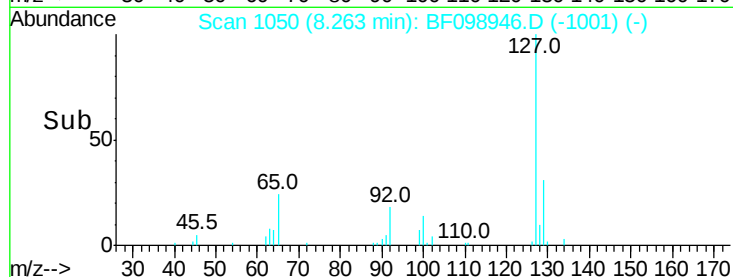
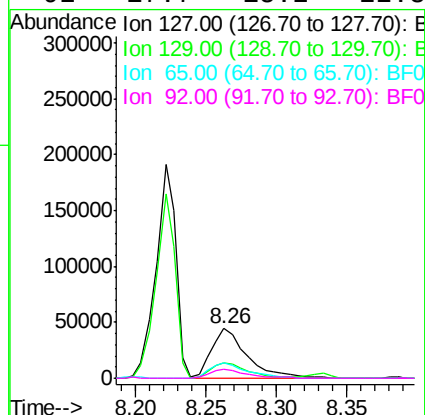
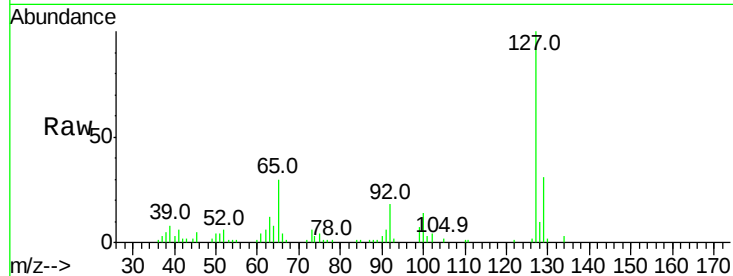




#33
4-Chloroaniline
Concen: 6.477 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF098946.D
Acq: 29 Sep 2017 14:24

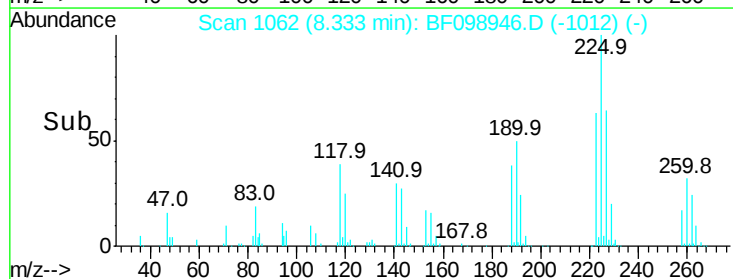
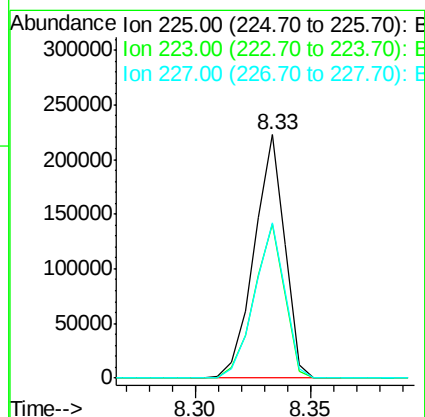
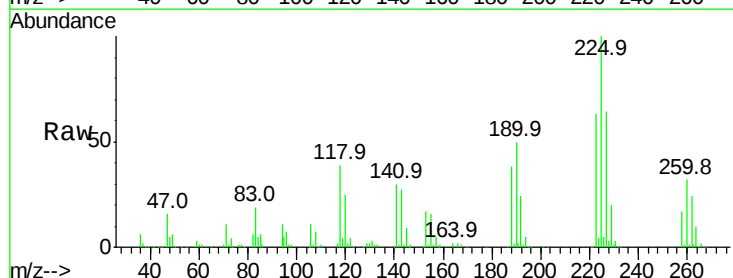
Instrument :
BNA_F
ClientSampled :

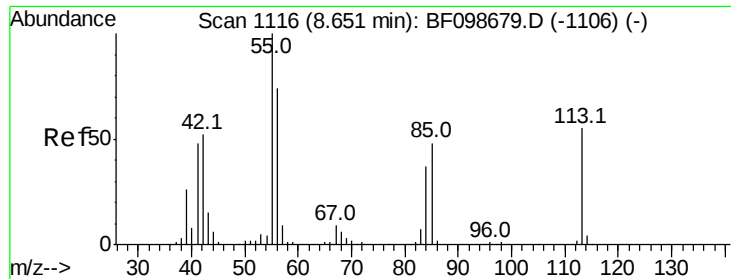
Tot Ion:	127	Resp:	77161
Ion	Ratio	Lower	Upper
127	100		
129	30.6	25.9	38.9
65	30.2	25.0	37.4
92	17.7	15.2	22.8



#34
Hexachlorobutadiene
Concen: 47.600 ng
RT: 8.33 min Scan# 1062
Delta R.T. -0.01 min
Lab File: BF098946.D
Acq: 29 Sep 2017 14:24

Tgt Ion:	225	Resp:	205407
Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.6	76.0
227	63.6	51.9	77.9

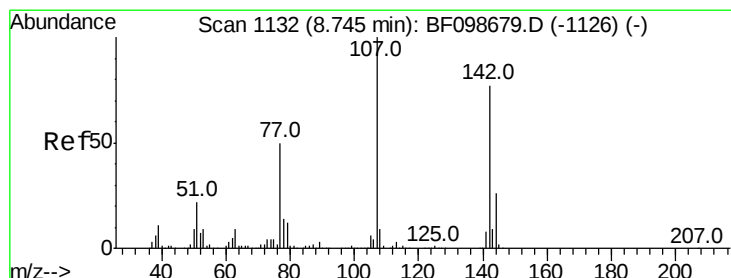
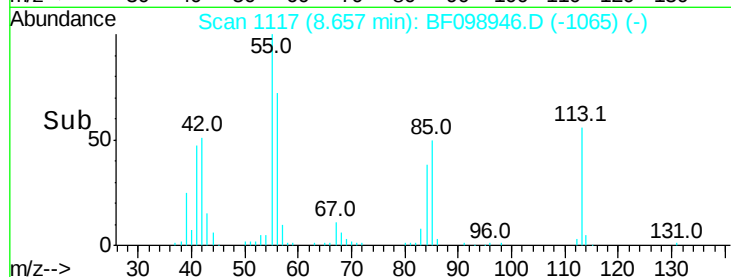
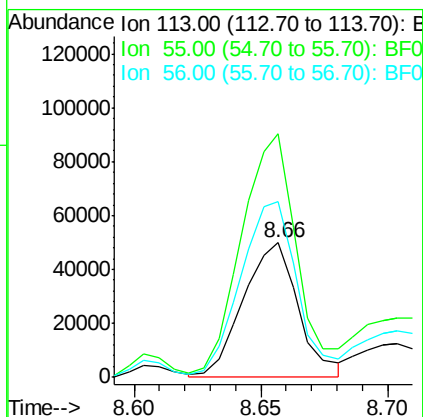
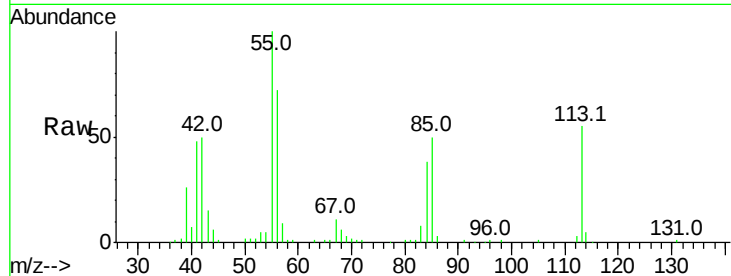




#35
 Caprolactam
 Concen: 28.368 ng
 RT: 8.66 min Scan# 1117
 Delta R.T. 0.01 min
 Lab File: BF098946.D
 Acq: 29 Sep 2017 14:24

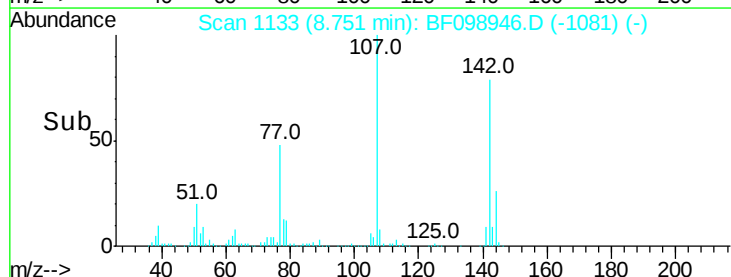
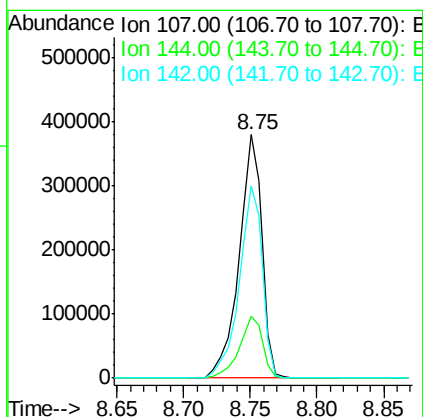
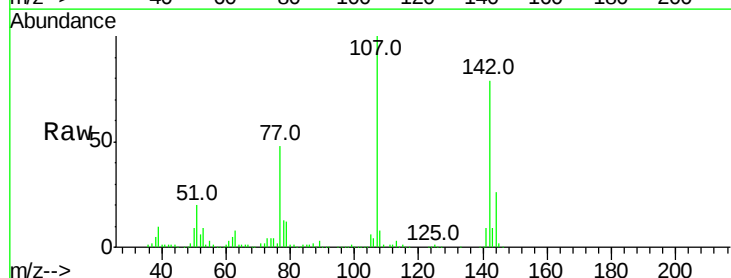
Instrument :
 BNA_F
 ClientSampleId :

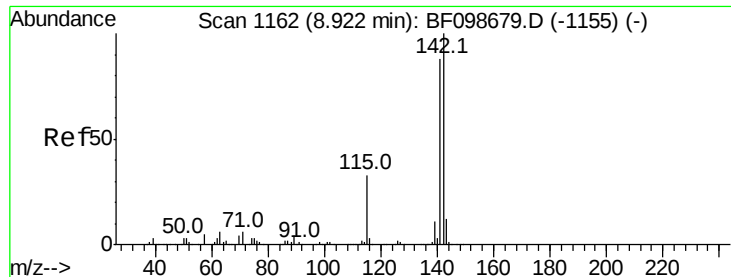
Tot Ion:113 Resp: 76227
 Ion Ratio Lower Upper
 113 100
 55 180.8 163.3 203.3
 56 130.2 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 47.618 ng
 RT: 8.75 min Scan# 1133
 Delta R.T. 0.01 min
 Lab File: BF098946.D
 Acq: 29 Sep 2017 14:24

Tgt Ion:107 Resp: 448343
 Ion Ratio Lower Upper
 107 100
 144 25.5 20.5 30.7
 142 79.2 62.0 93.0

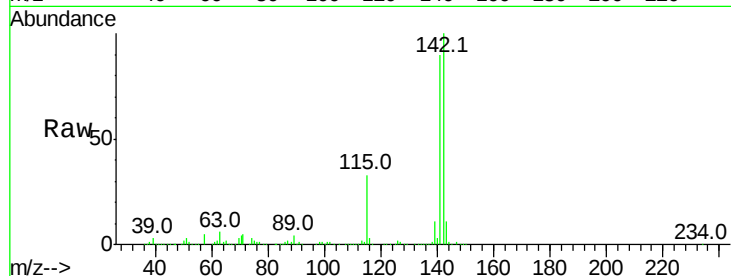




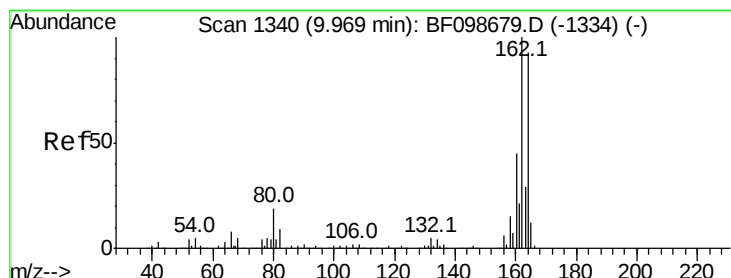
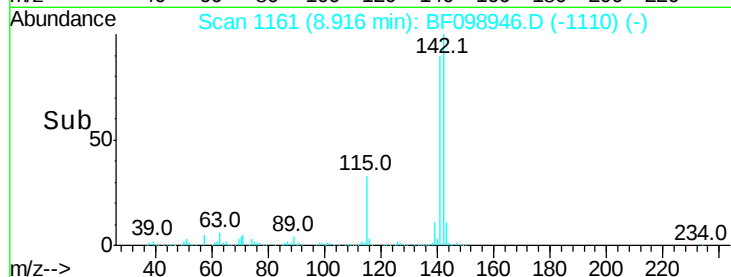
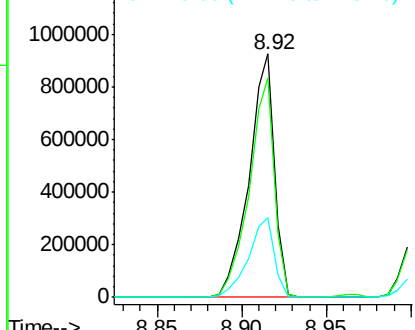
#37
2-Methylnaphthalene
Concen: 52.308 ng
RT: 8.92 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BF098946.D
Acq: 29 Sep 2017 14:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 969993
Ion Ratio Lower Upper
142 100
141 90.0 70.8 106.2
115 32.6 26.1 39.1

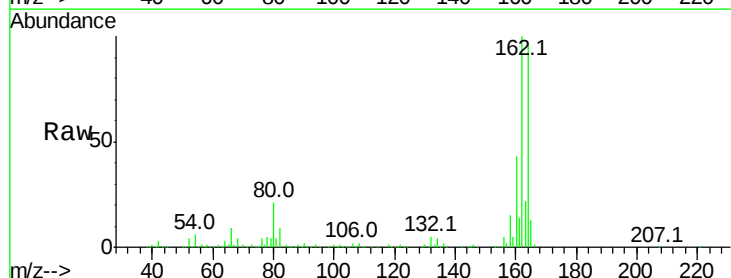


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

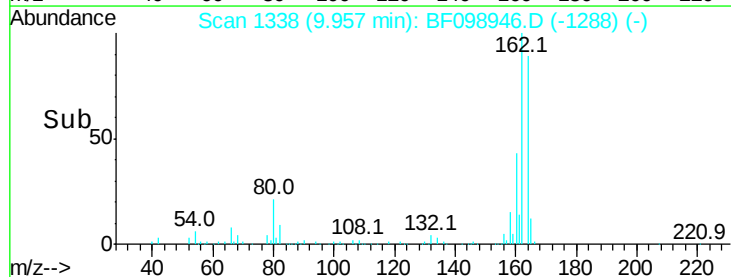
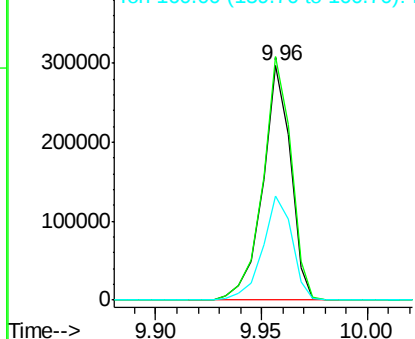


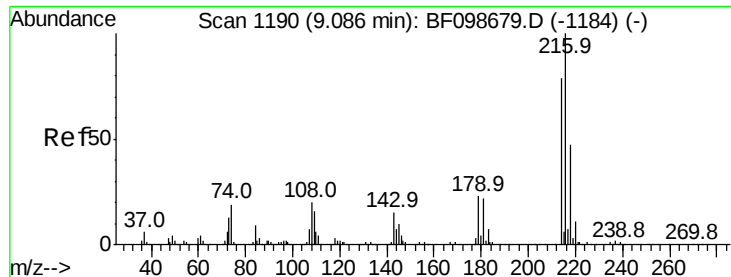
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF098946.D
Acq: 29 Sep 2017 14:24

Tgt Ion:164 Resp: 274512
Ion Ratio Lower Upper
164 100
162 103.8 86.1 129.1
160 44.6 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.906 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.00 min

Lab File: BF098946.D

Acq: 29 Sep 2017 14:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 367631

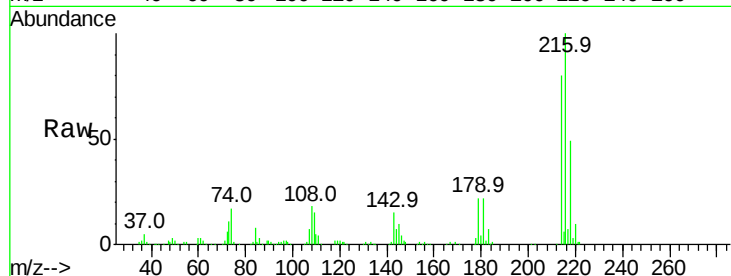
Ion Ratio Lower Upper

216 100

214 80.2 63.0 94.4

179 22.9 18.1 27.1

108 22.3 17.2 25.8

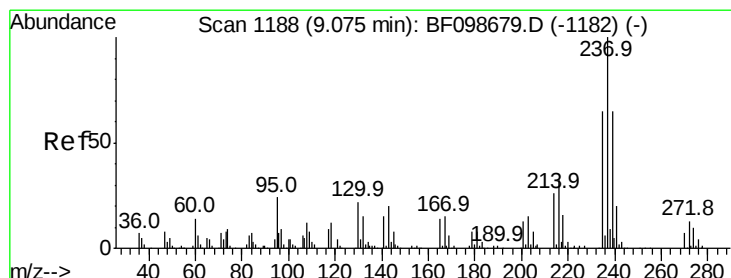
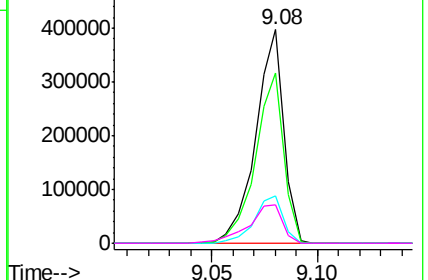
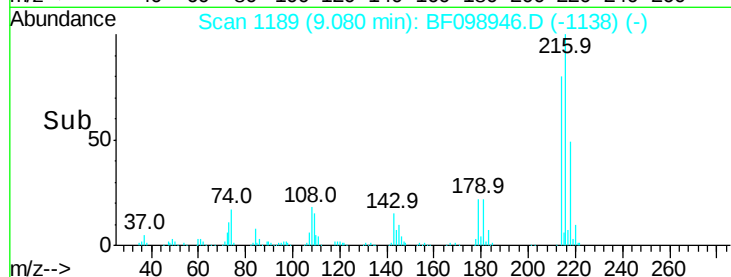


Abundance Ion 216.00 (215.70 to 216.70): E

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: 68.364 ng

RT: 9.06 min Scan# 1186

Delta R.T. -0.01 min

Lab File: BF098946.D

Acq: 29 Sep 2017 14:24

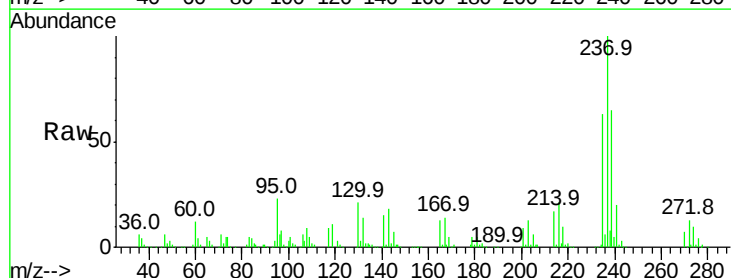
Tgt Ion:237 Resp: 255771

Ion Ratio Lower Upper

237 100

235 63.5 44.8 84.8

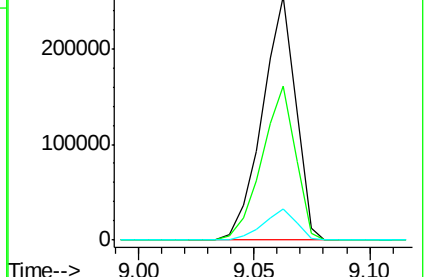
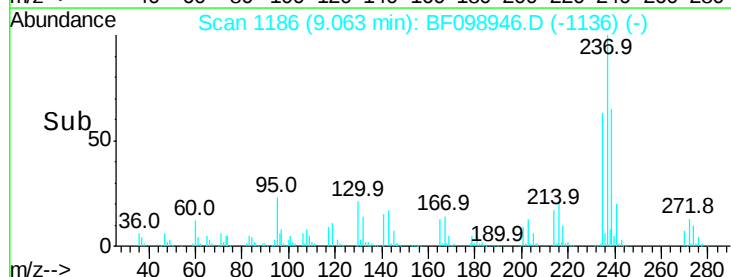
272 12.7 0.0 33.3

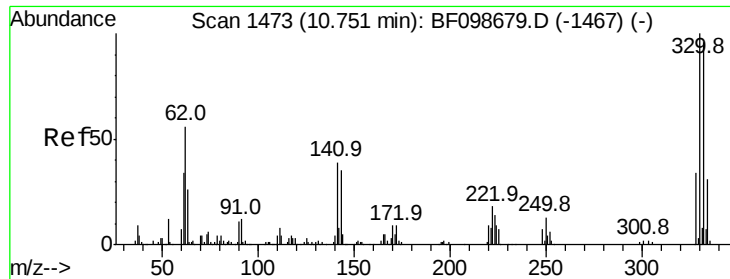


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

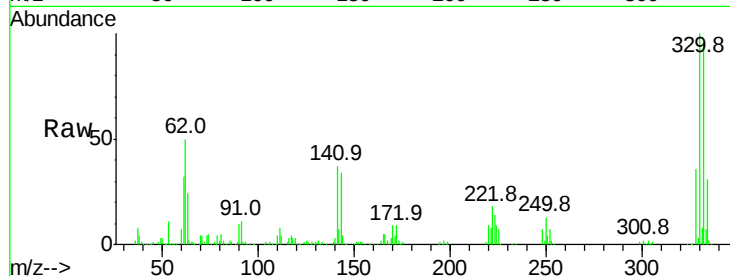




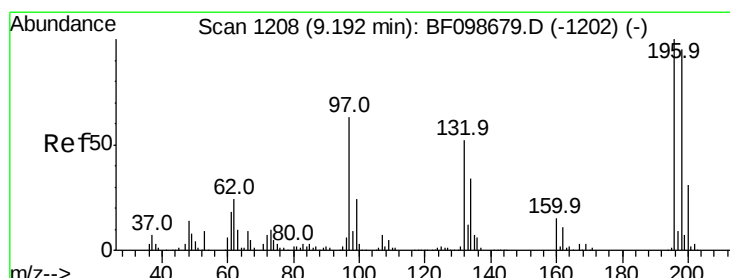
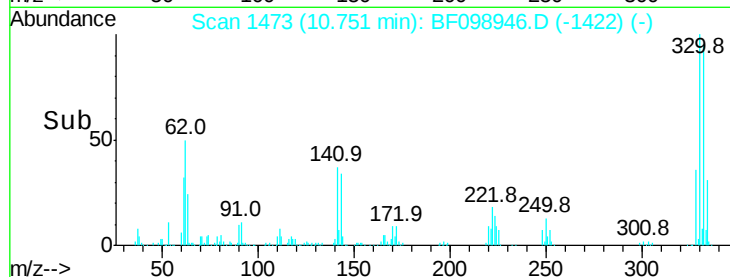
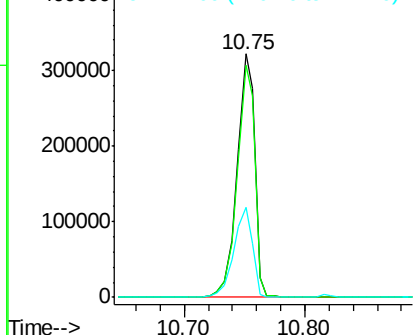
#41
 2,4,6-Tribromophenol
 Concen: 147.038 ng
 RT: 10.75 min Scan# 1473
 Delta R.T. -0.00 min
 Lab File: BF098946.D
 Acq: 29 Sep 2017 14:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 330284
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.0 115.6
 141 39.2 29.9 44.9

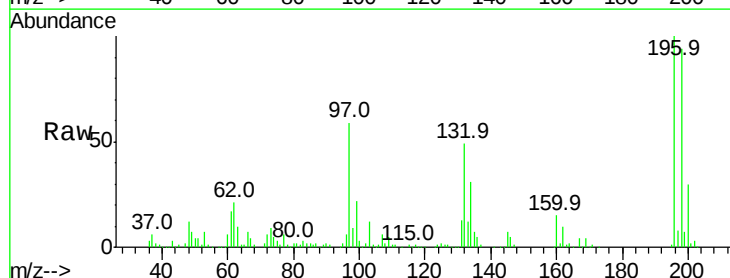


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

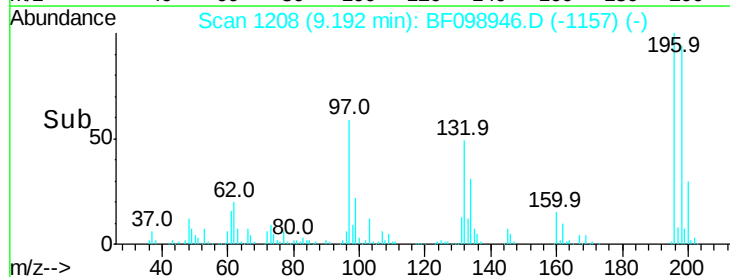
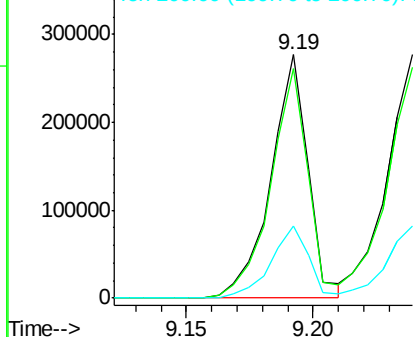


#42
 2,4,6-Trichlorophenol
 Concen: 48.308 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: BF098946.D
 Acq: 29 Sep 2017 14:24

Tgt Ion:196 Resp: 280172
 Ion Ratio Lower Upper
 196 100
 198 94.1 75.7 113.5
 200 29.7 24.5 36.7



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

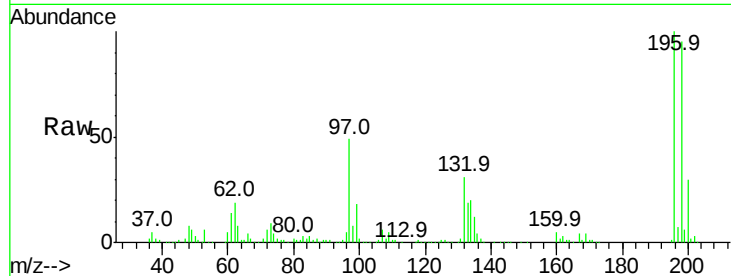




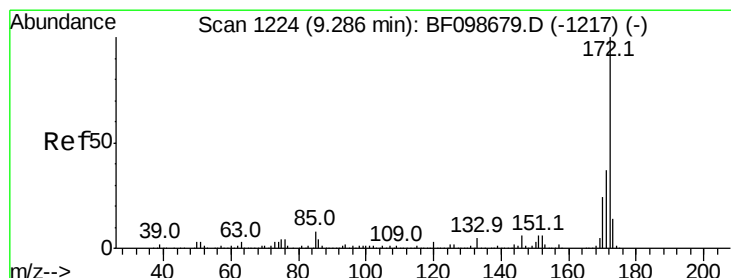
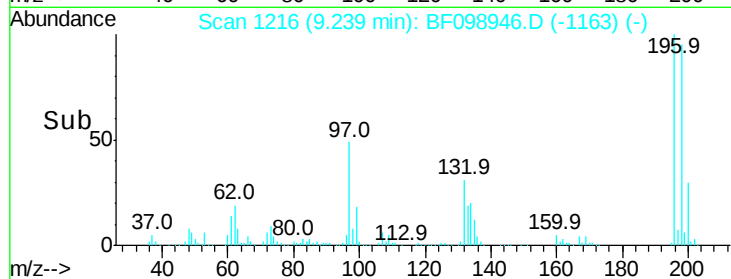
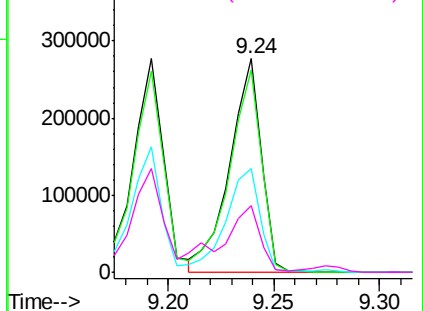
#43
 2,4,5-Trichlorophenol
 Concen: 49.217 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. 0.01 min
 Lab File: BF098946.D
 Acq: 29 Sep 2017 14:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 284946
 Ion Ratio Lower Upper
 196 100
 198 94.8 74.6 112.0
 97 48.7 42.9 64.3
 132 30.9 26.3 39.5

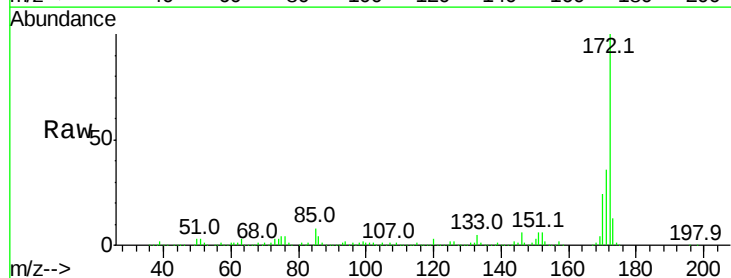


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

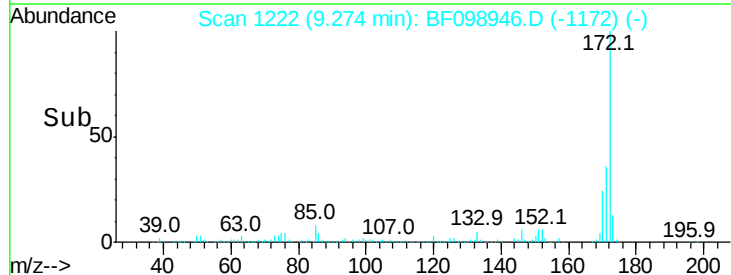
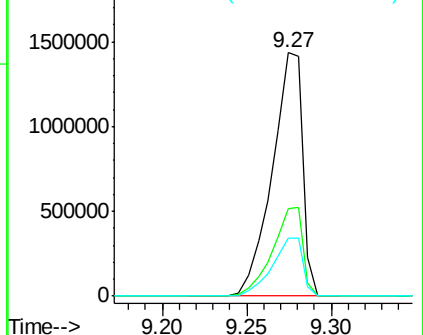


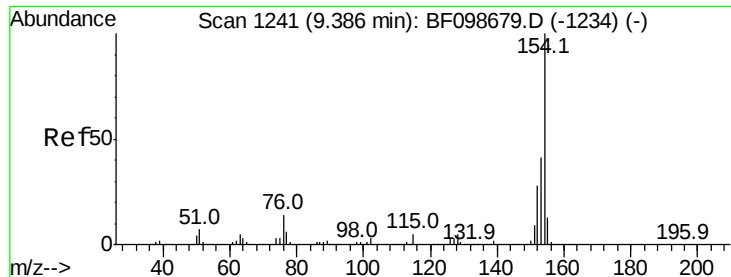
#44
 2-Fluorobiphenyl
 Concen: 109.171 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF098946.D
 Acq: 29 Sep 2017 14:24

Tgt Ion:172 Resp: 1795156
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 24.0 19.6 29.4



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: 46.566 ng

RT: 9.38 min Scan# 1240

Delta R.T. -0.00 min

Lab File: BF098946.D

Acq: 29 Sep 2017 14:24

Instrument :

BNA_F

ClientSampleId :

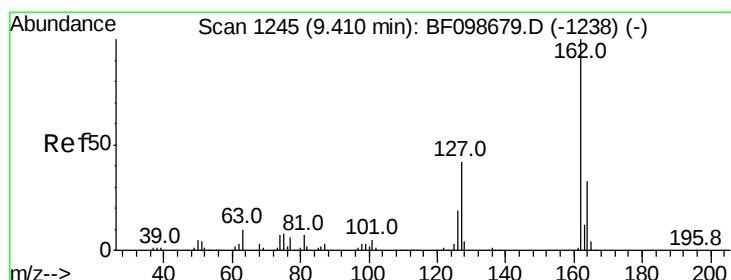
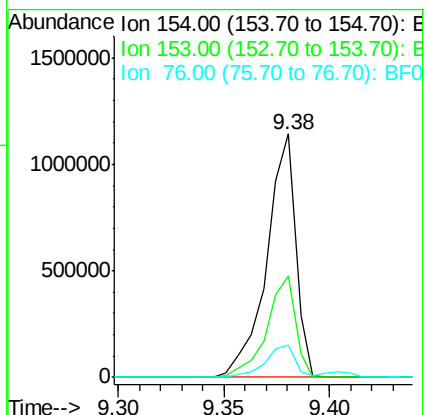
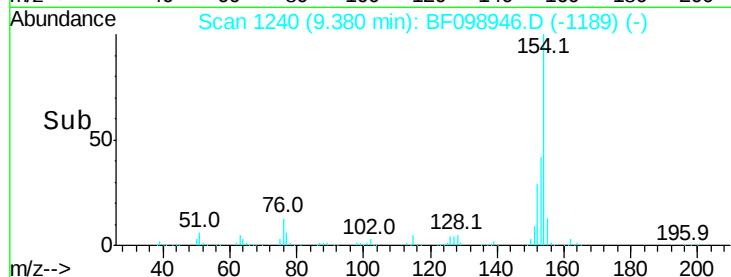
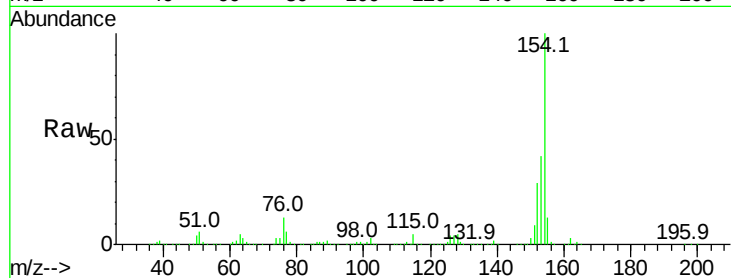
Tot Ion:154 Resp: 1098621

Ion Ratio Lower Upper

154 100

153 41.6 21.3 61.3

76 13.1 0.0 34.0



#46

2-Chloronaphthalene

Concen: 49.317 ng

RT: 9.40 min Scan# 1244

Delta R.T. -0.01 min

Lab File: BF098946.D

Acq: 29 Sep 2017 14:24

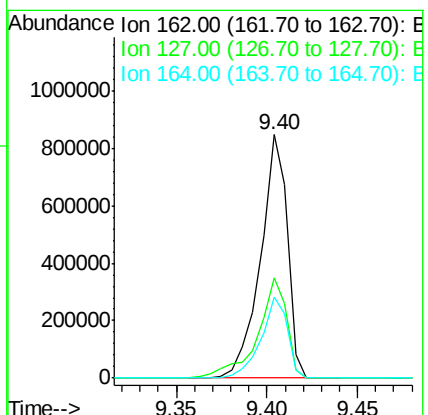
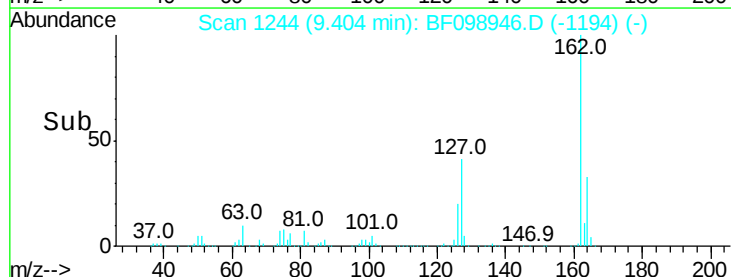
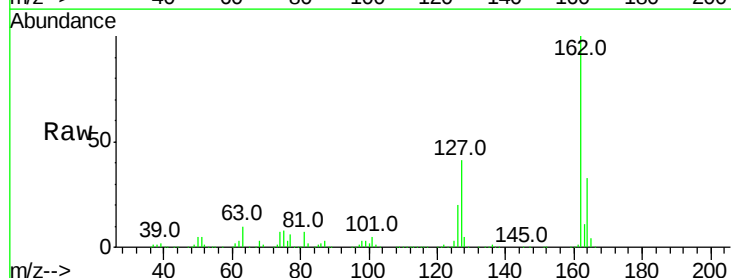
Tgt Ion:162 Resp: 873596

Ion Ratio Lower Upper

162 100

127 41.3 33.9 50.9

164 33.1 26.5 39.7





#47

2-Nitroaniline

Concen: 53.073 ng

RT: 9.50 min Scan# 1260

Delta R.T. -0.00 min

Lab File: BF098946.D

Acq: 29 Sep 2017 14:24

Instrument :

BNA_F

ClientSampleId :

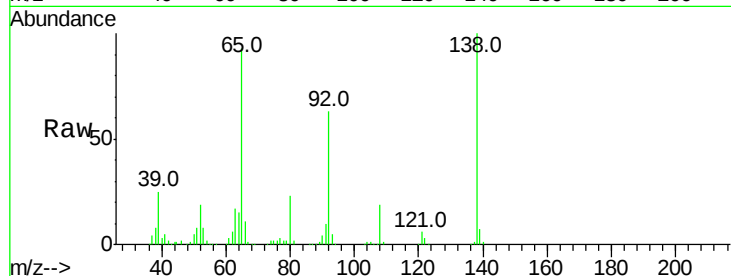
Tot Ion: 65 Resp: 287866

Ion Ratio Lower Upper

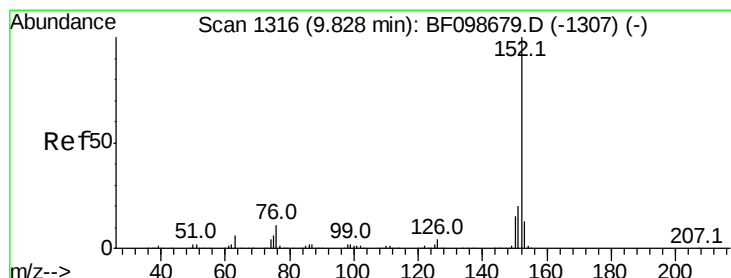
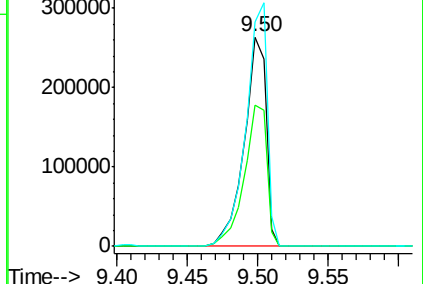
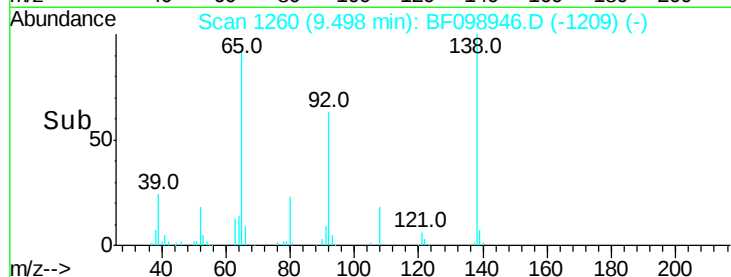
65 100

92 67.5 55.8 83.6

138 107.5 91.2 136.8



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



#48

Acenaphthylene

Concen: 48.886 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF098946.D

Acq: 29 Sep 2017 14:24

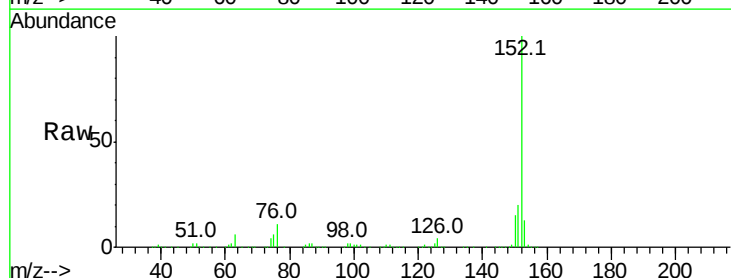
Tgt Ion: 152 Resp: 1325643

Ion Ratio Lower Upper

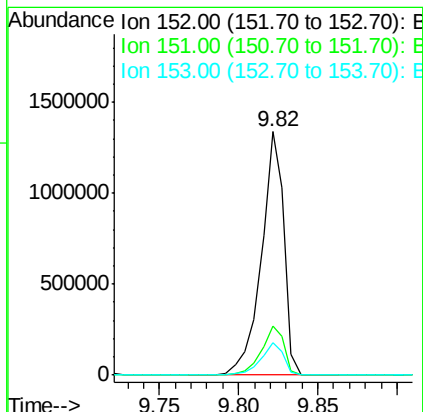
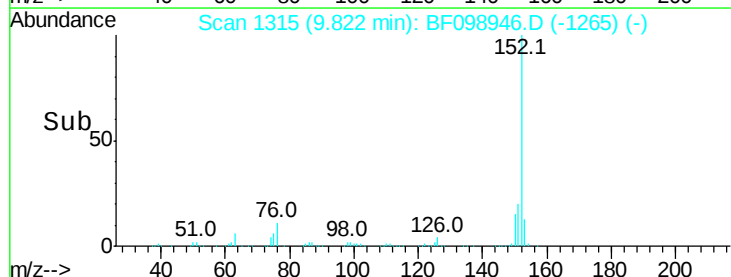
152 100

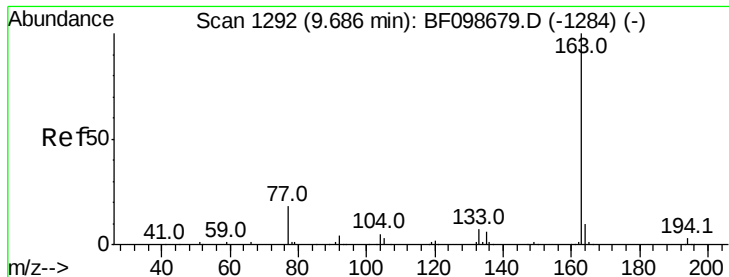
151 20.3 16.3 24.5

153 13.3 10.7 16.1



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





#49

Dimethylphthalate

Concen: 53.775 ng

RT: 9.68 min Scan# 1291

Delta R.T. -0.00 min

Lab File: BF098946.D

Acq: 29 Sep 2017 14:24

Instrument :

BNA_F

ClientSampled :

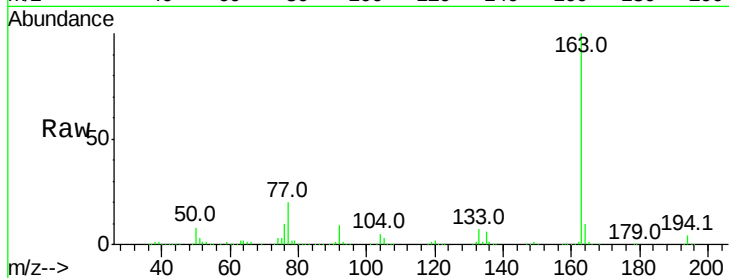
Tot Ion:163 Resp: 1114137

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

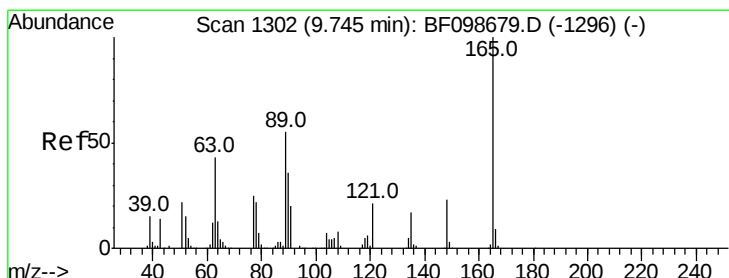
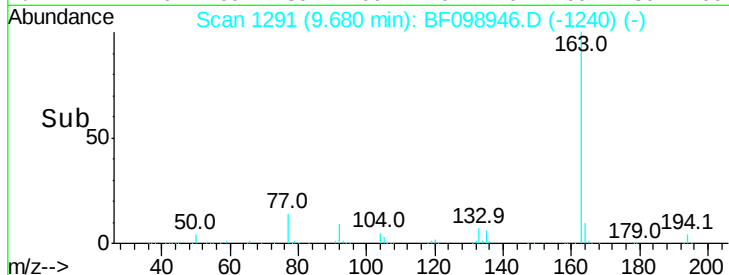
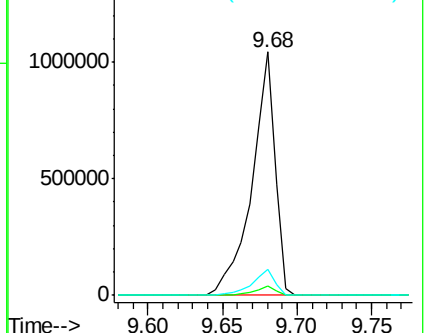
164 10.5 8.2 12.2



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: 52.927 ng

RT: 9.75 min Scan# 1302

Delta R.T. 0.01 min

Lab File: BF098946.D

Acq: 29 Sep 2017 14:24

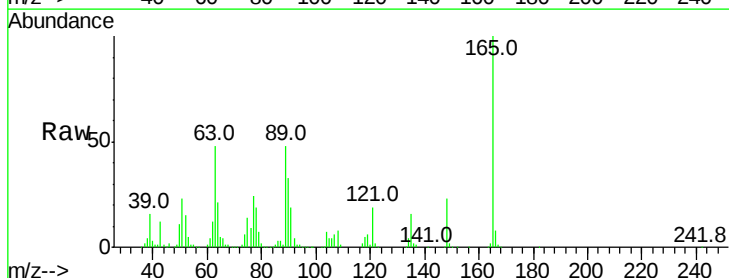
Tgt Ion:165 Resp: 238730

Ion Ratio Lower Upper

165 100

63 48.0 44.7 67.1

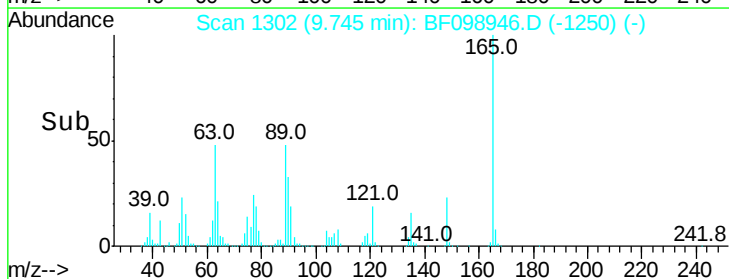
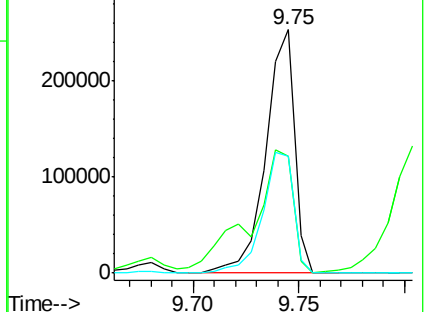
89 48.1 44.0 66.0

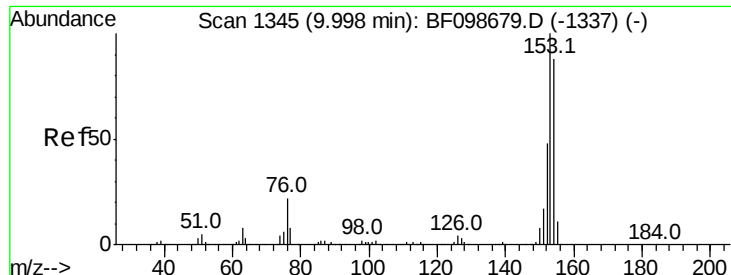


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 46.516 ng

RT: 9.99 min Scan# 1344

Delta R.T. -0.01 min

Lab File: BF098946.D

Acq: 29 Sep 2017 14:24

Instrument :

BNA_F

ClientSampleId :

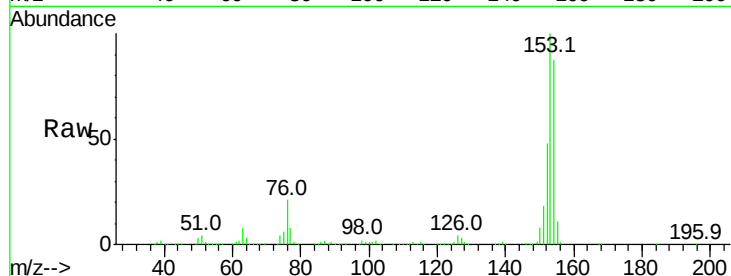
Tot Ion:154 Resp: 799016

Ion Ratio Lower Upper

154 100

153 114.4 91.2 136.8

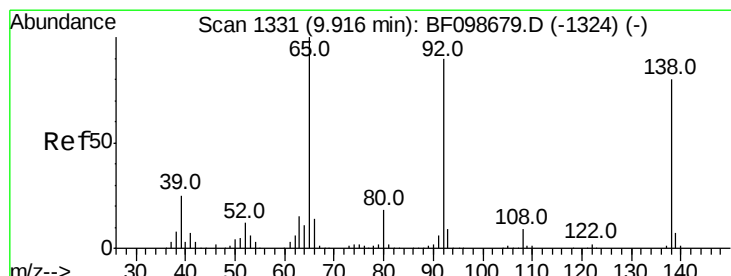
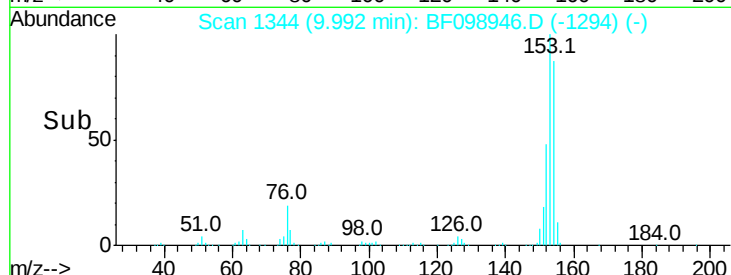
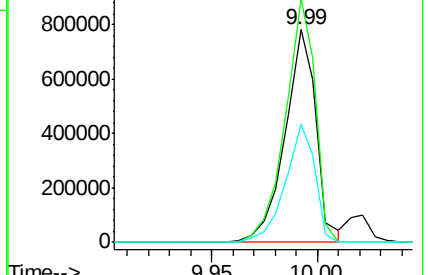
152 55.3 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 10.764 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BF098946.D

Acq: 29 Sep 2017 14:24

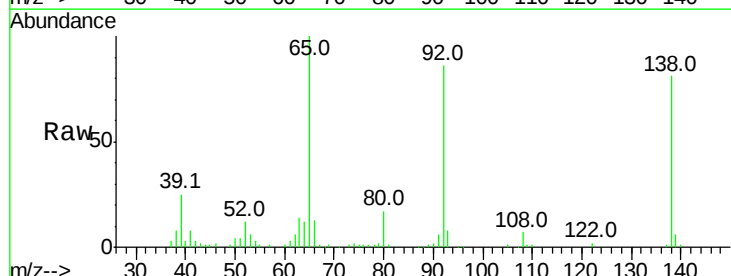
Tgt Ion:138 Resp: 56610

Ion Ratio Lower Upper

138 100

108 9.2 9.4 14.0#

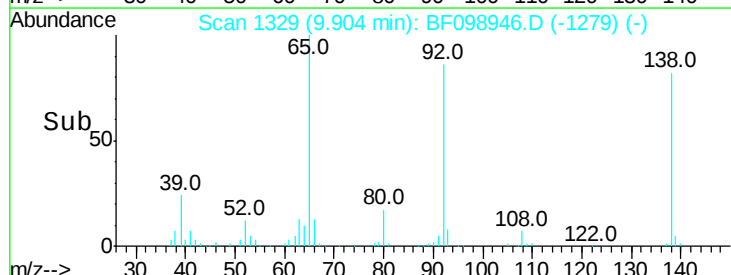
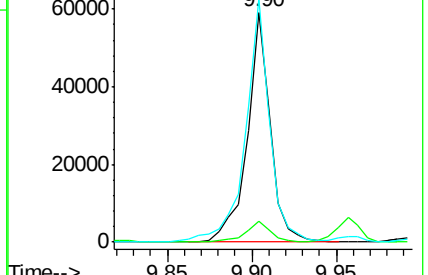
92 105.9 89.4 134.2



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

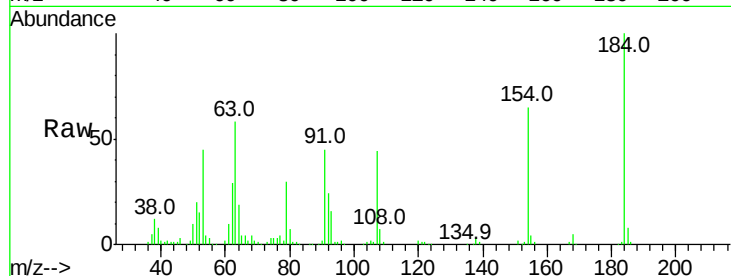




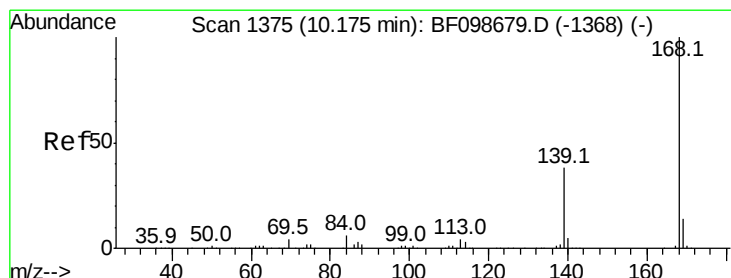
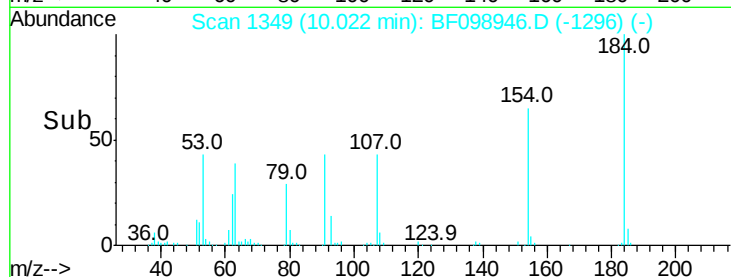
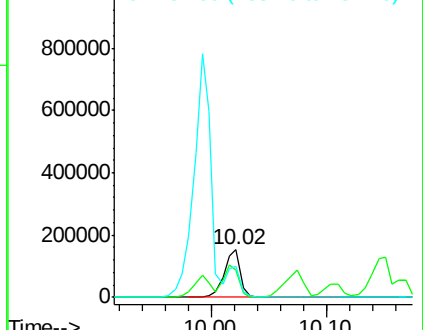
#53
2,4-Dinitrophenol
Concen: 64.012 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF098946.D
Acq: 29 Sep 2017 14:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 147374
Ion Ratio Lower Upper
184 100
63 58.2 54.2 81.2
154 65.0 53.5 80.3

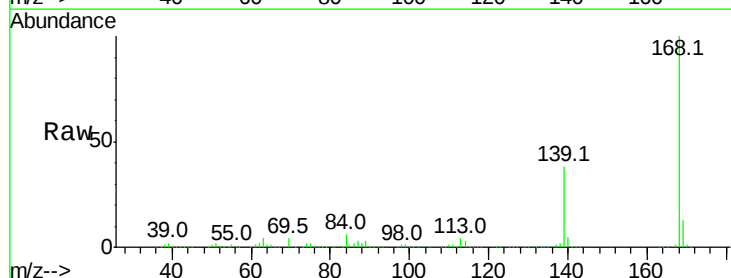


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

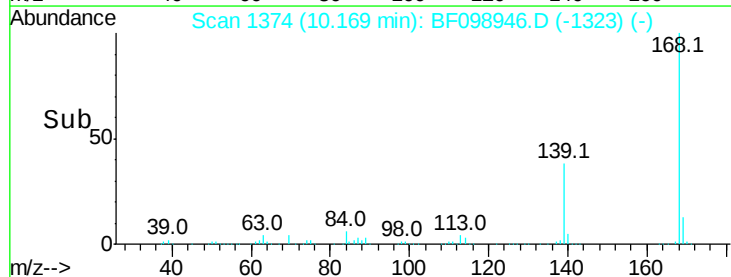
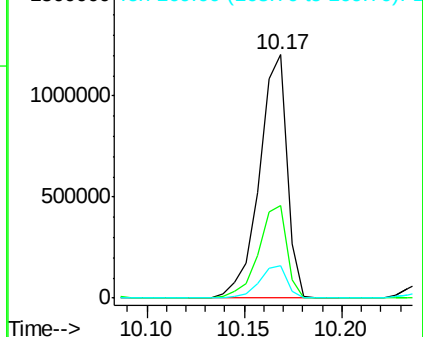


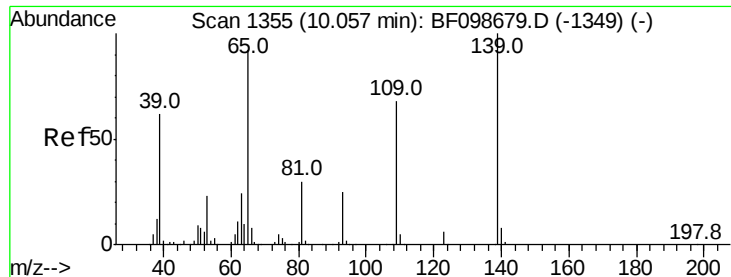
#54
Dibenzofuran
Concen: 51.834 ng
RT: 10.17 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BF098946.D
Acq: 29 Sep 2017 14:24

Tgt Ion:168 Resp: 1185486
Ion Ratio Lower Upper
168 100
139 37.9 30.1 45.1
169 13.2 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

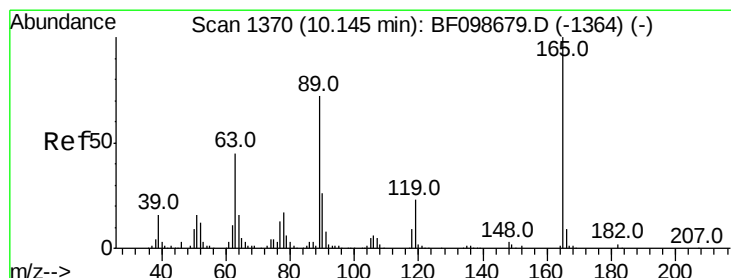
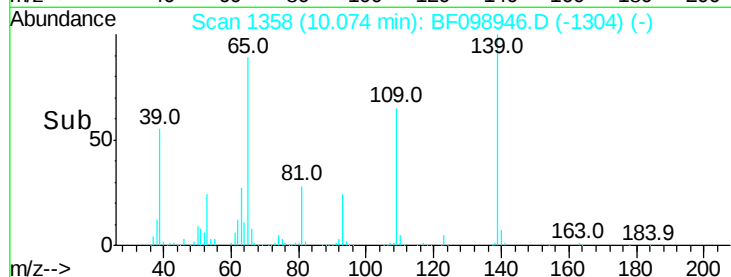
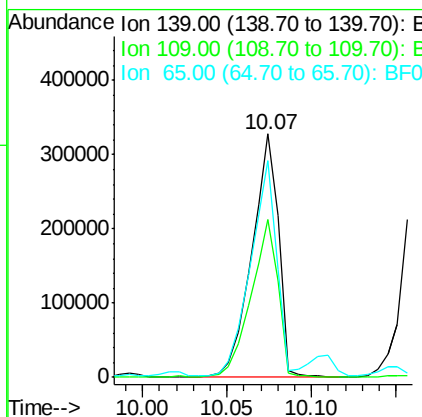
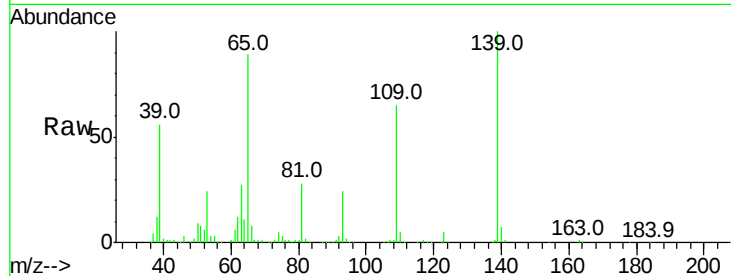




#55
4-Nitrophenol
Concen: 81.508 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.02 min
Lab File: BF098946.D
Acq: 29 Sep 2017 14:24

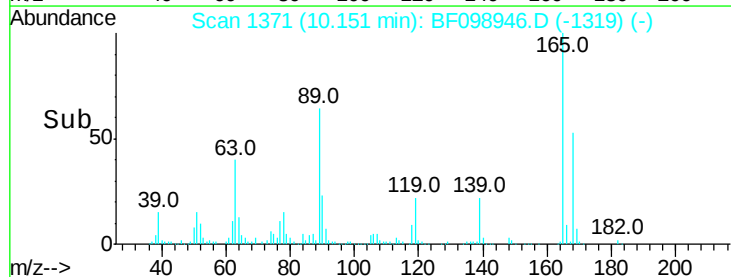
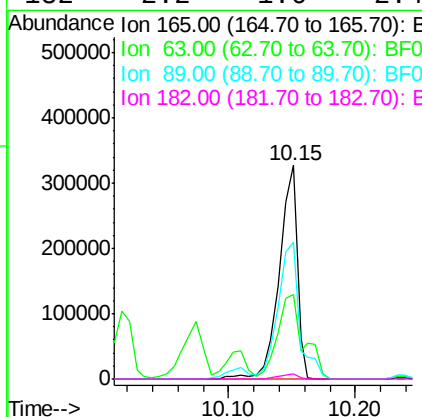
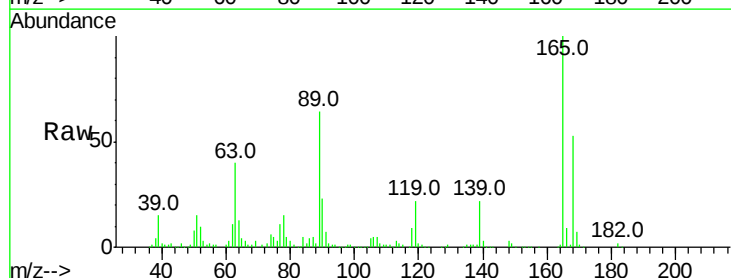
Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 362478
Ion Ratio Lower Upper
139 100
109 64.7 48.4 88.4
65 89.1 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 54.517 ng
RT: 10.15 min Scan# 1371
Delta R.T. 0.01 min
Lab File: BF098946.D
Acq: 29 Sep 2017 14:24

Tgt Ion:165 Resp: 319138
Ion Ratio Lower Upper
165 100
63 39.7 36.4 54.6
89 64.1 57.8 86.6
182 2.2 1.6 2.4





#57

Fluorene

Concen: 48.233 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BF098946.D

Acq: 29 Sep 2017 14:24

Instrument :

BNA_F

ClientSampled :

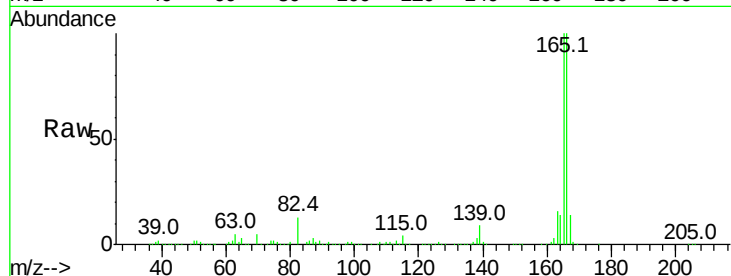
Tot Ion:166 Resp: 886647

Ion Ratio Lower Upper

166 100

165 99.6 79.8 119.8

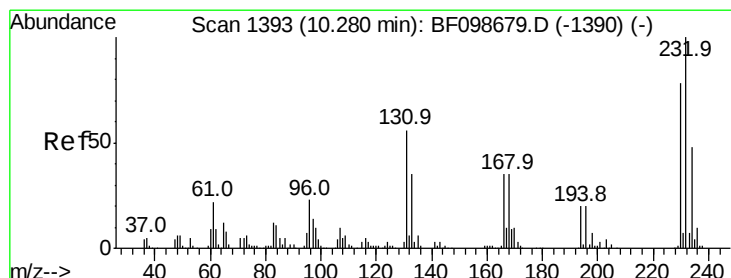
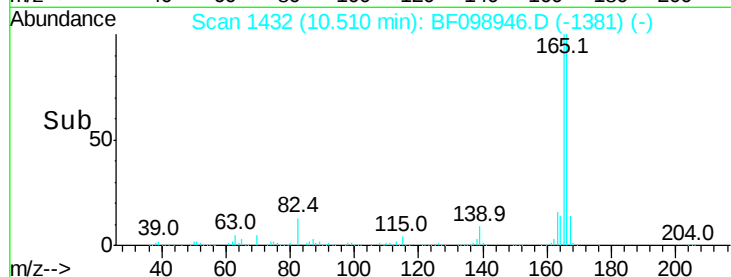
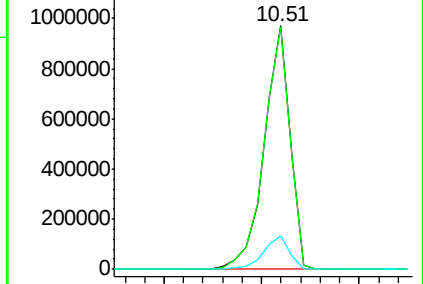
167 13.8 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 51.660 ng

RT: 10.28 min Scan# 1393

Delta R.T. -0.00 min

Lab File: BF098946.D

Acq: 29 Sep 2017 14:24

Tgt Ion:232 Resp: 206609

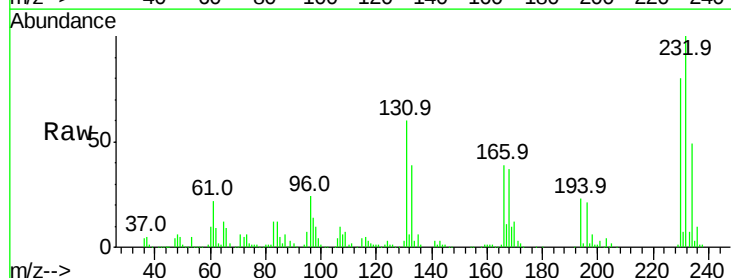
Ion Ratio Lower Upper

232 100

131 57.0 43.8 65.8

130 2.9 2.1 3.1

166 37.4 27.8 41.6

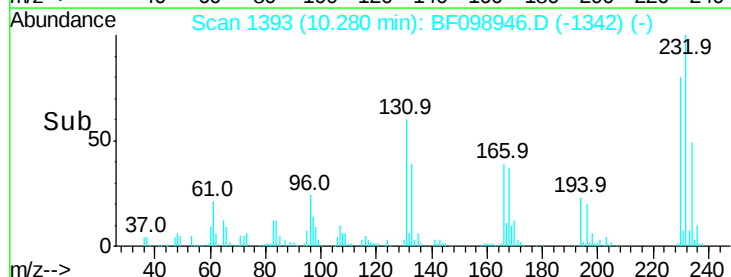
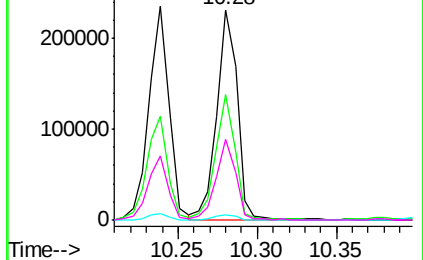


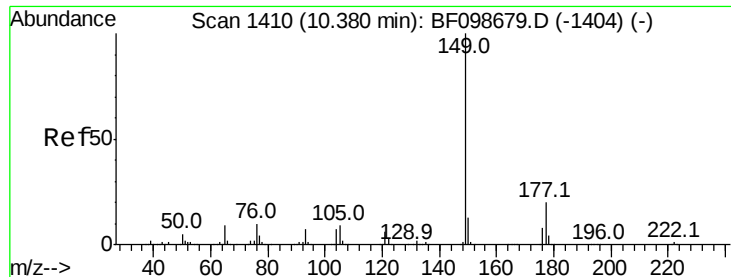
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

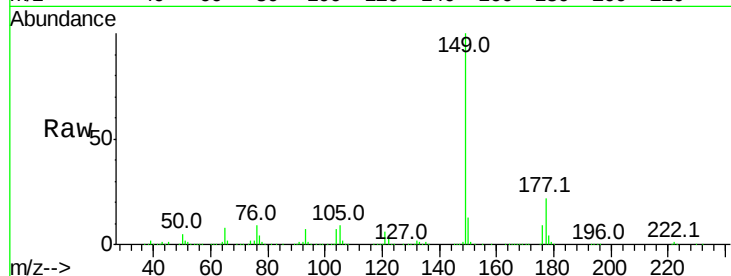




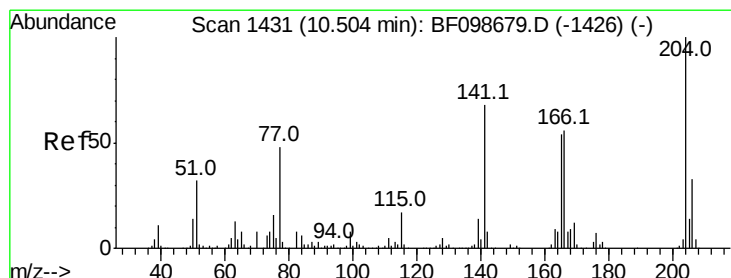
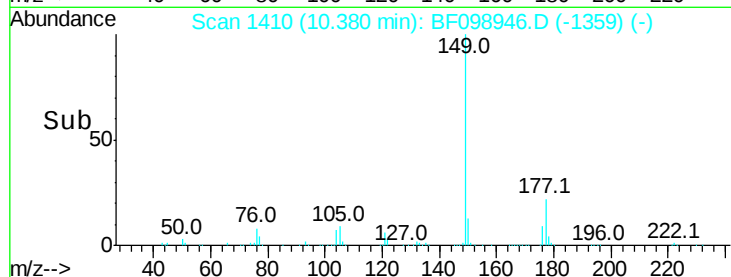
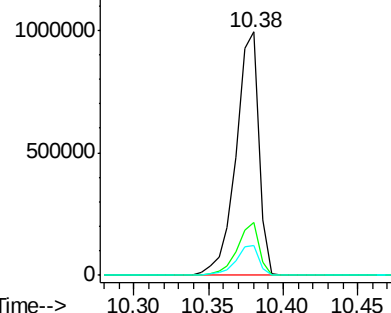
#59
Diethylphthalate
Concen: 51.642 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.00 min
Lab File: BF098946.D
Acq: 29 Sep 2017 14:24

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 1045504
Ion Ratio Lower Upper
149 100
177 21.9 16.1 24.1
150 12.5 10.1 15.1

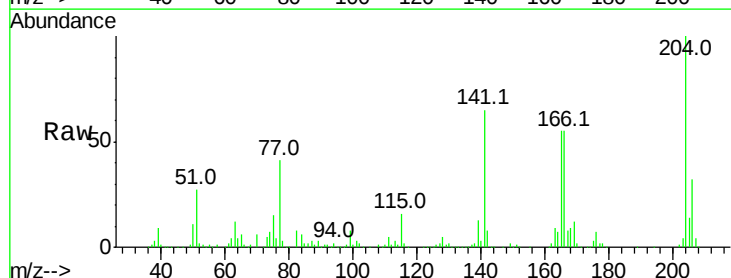


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

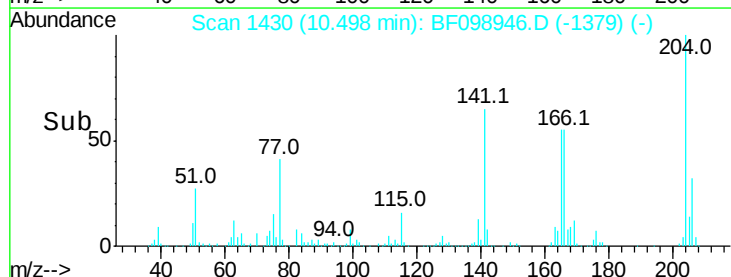
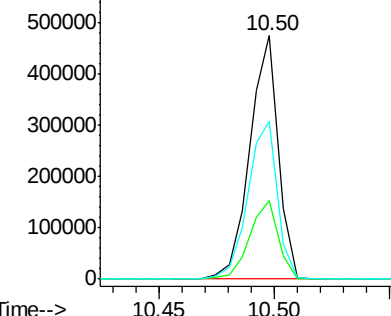


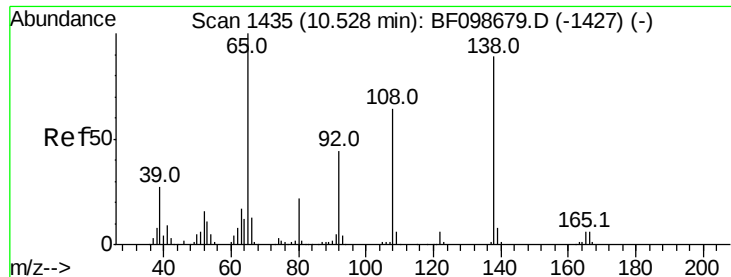
#60
4-Chlorophenyl-phenylether
Concen: 49.374 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BF098946.D
Acq: 29 Sep 2017 14:24

Tgt Ion:204 Resp: 407710
Ion Ratio Lower Upper
204 100
206 32.0 26.5 39.7
141 64.8 54.6 81.8



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

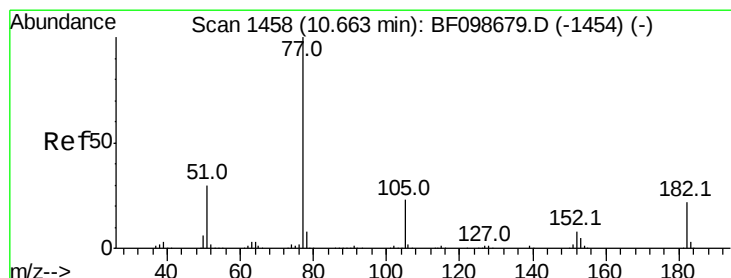
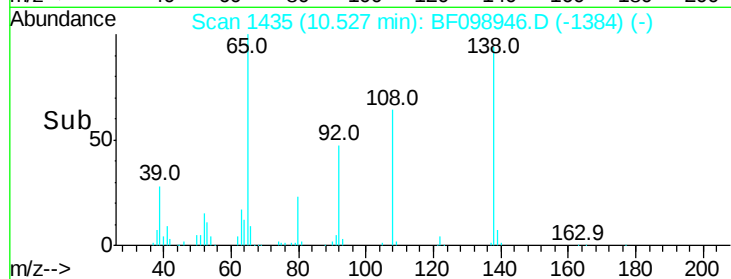
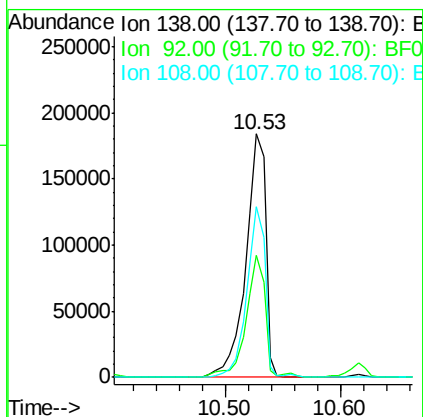
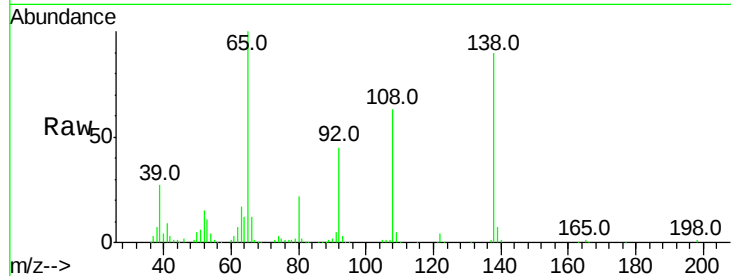




#61
4-Nitroaniline
Concen: 43.302 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.00 min
Lab File: BF098946.D
Acq: 29 Sep 2017 14:24

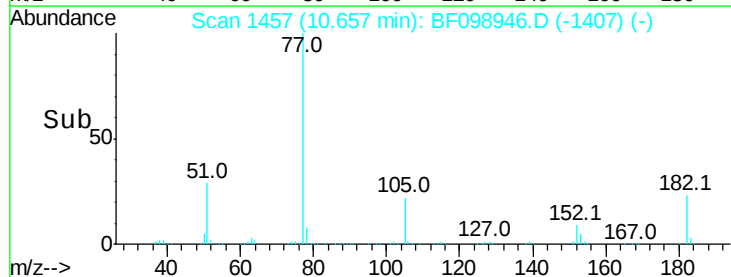
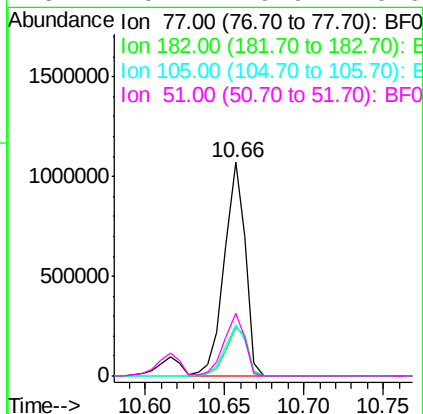
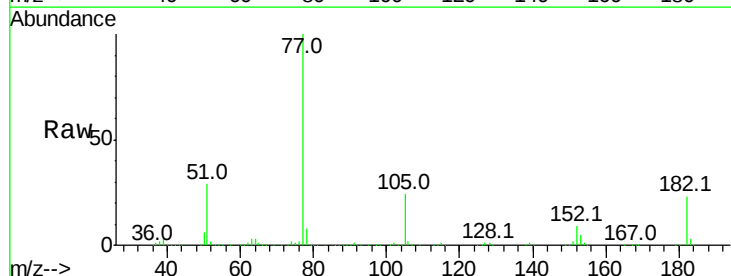
Instrument :
BNA_F
ClientSampled :

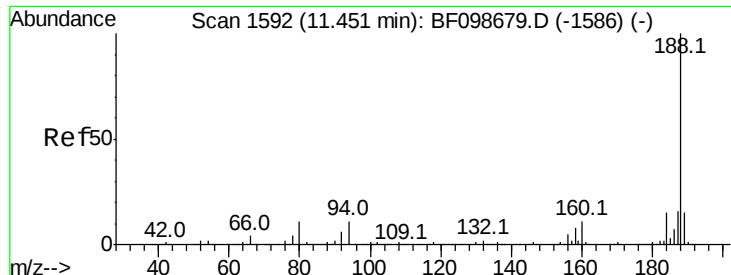
Tot Ion:138 Resp: 219716
Ion Ratio Lower Upper
138 100
92 49.9 30.2 70.2
108 69.9 52.5 92.5



#62
Azobenzene
Concen: 52.785 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.01 min
Lab File: BF098946.D
Acq: 29 Sep 2017 14:24

Tgt Ion: 77 Resp: 982576
Ion Ratio Lower Upper
77 100
182 22.9 1.7 41.7
105 23.9 3.0 43.0
51 29.2 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.44 min Scan# 1591

Delta R.T. -0.00 min

Lab File: BF098946.D

Acq: 29 Sep 2017 14:24

Instrument :

BNA_F

ClientSampleId :

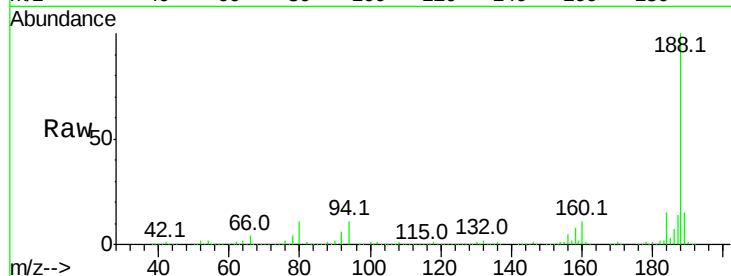
Tot Ion:188 Resp: 447465

Ion Ratio Lower Upper

188 100

94 11.0 8.5 12.7

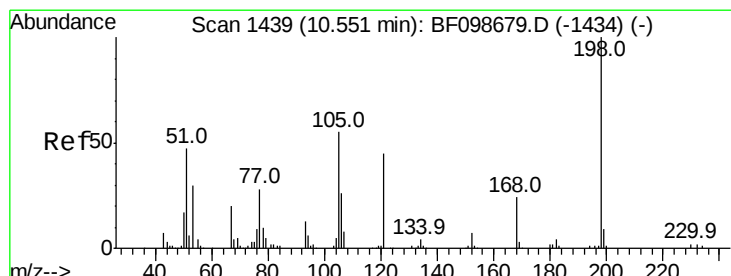
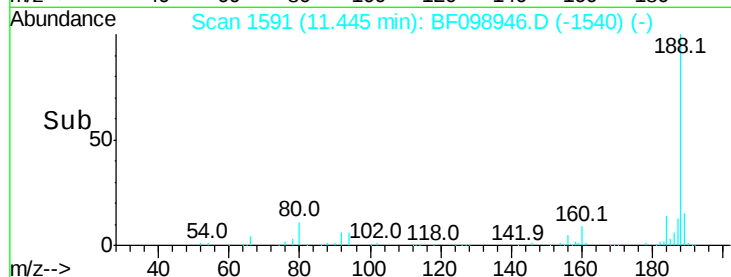
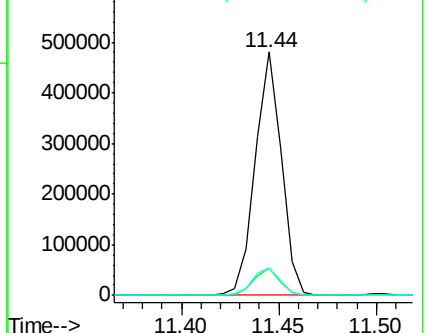
80 11.4 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 43.714 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.01 min

Lab File: BF098946.D

Acq: 29 Sep 2017 14:24

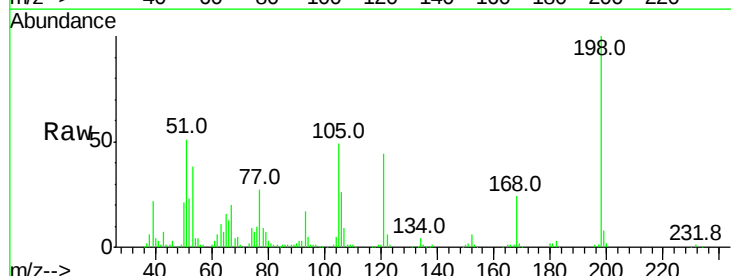
Tgt Ion:198 Resp: 119011

Ion Ratio Lower Upper

198 100

51 50.7 37.7 77.7

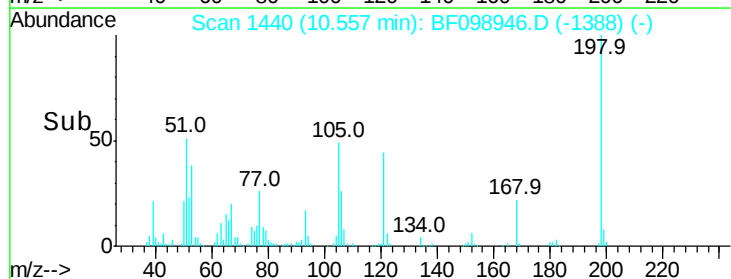
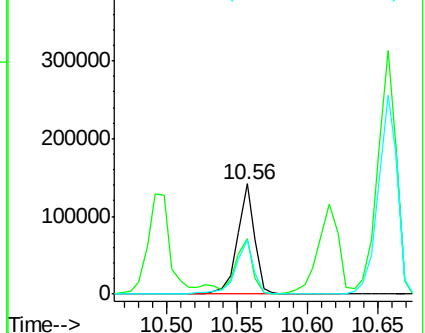
105 49.3 36.3 76.3

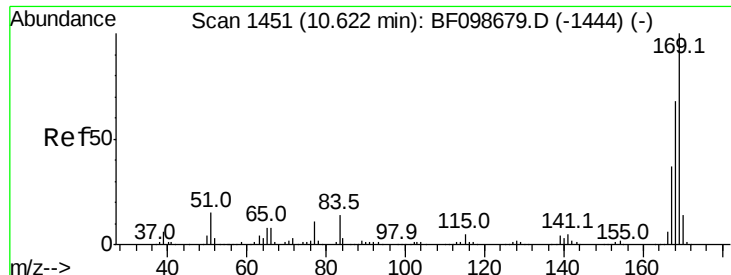


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

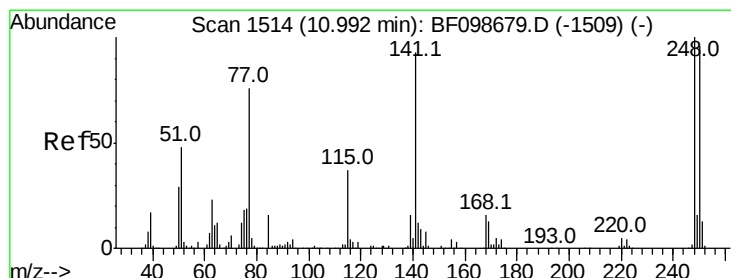
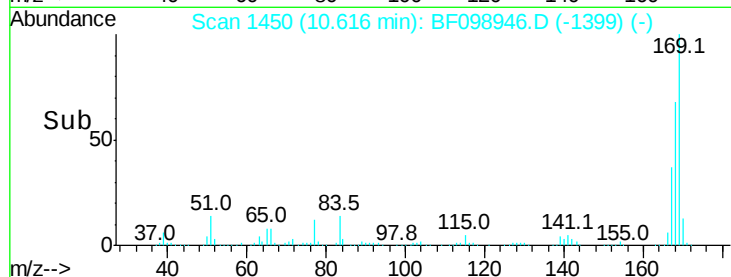
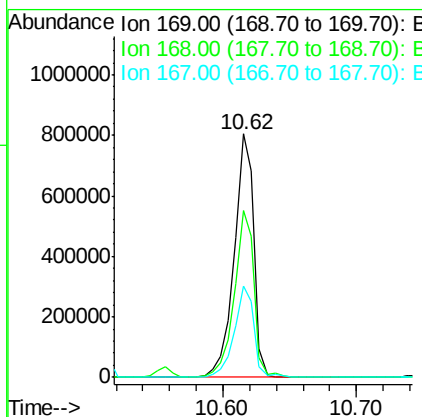
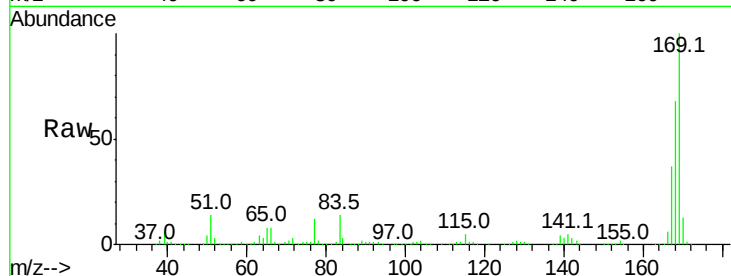




#65
 n-Nitrosodiphenylamine
 Concen: 53.506 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.00 min
 Lab File: BF098946.D
 Acq: 29 Sep 2017 14:24

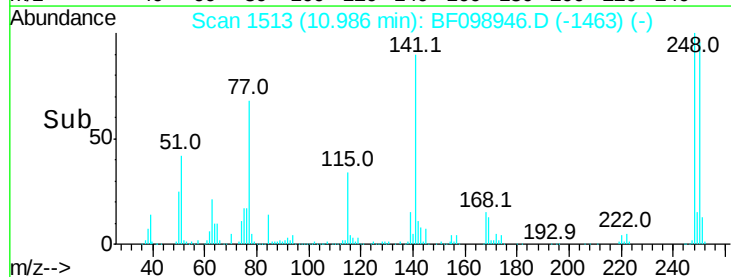
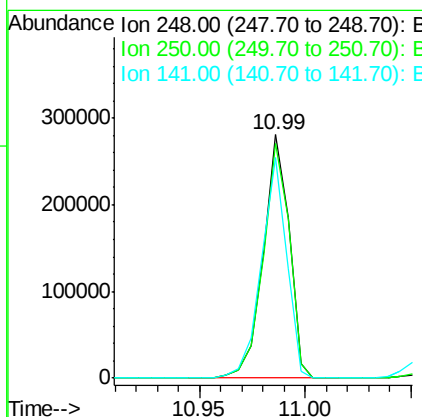
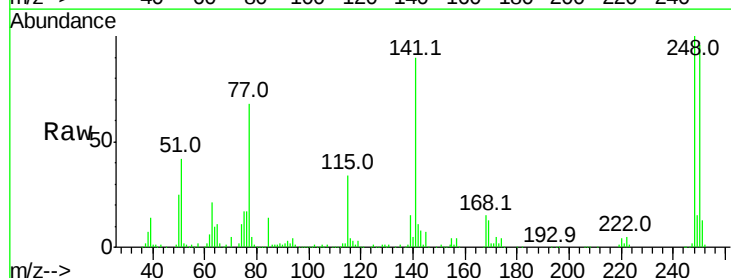
Instrument :
 BNA_F
 ClientSampleId :

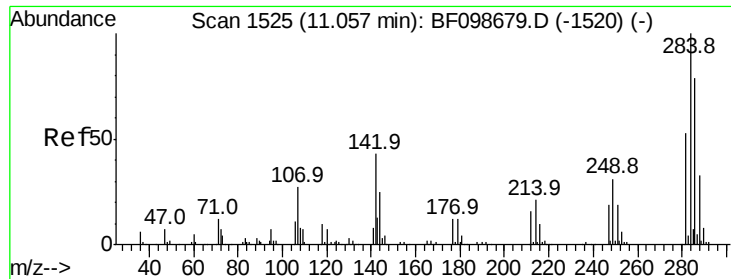
Tot Ion:169 Resp: 829426
 Ion Ratio Lower Upper
 169 100
 168 68.4 54.4 81.6
 167 37.4 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 55.090 ng
 RT: 10.99 min Scan# 1513
 Delta R.T. -0.01 min
 Lab File: BF098946.D
 Acq: 29 Sep 2017 14:24

Tgt Ion:248 Resp: 241291
 Ion Ratio Lower Upper
 248 100
 250 96.4 76.9 115.3
 141 90.4 74.4 111.6

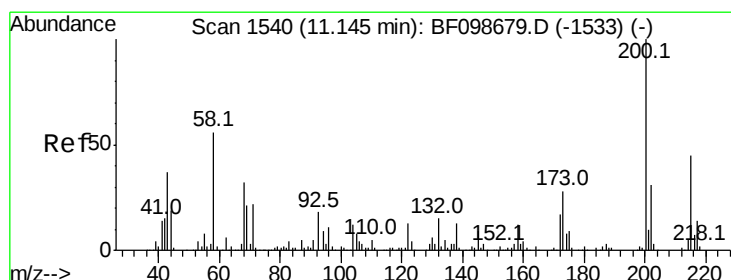
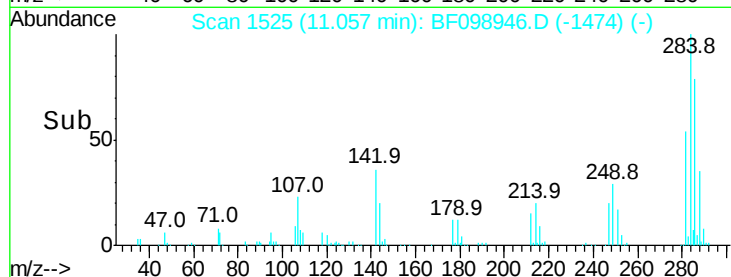
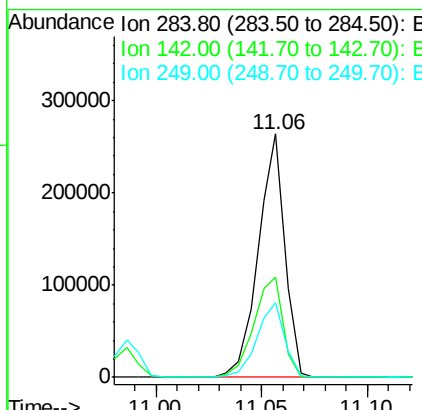
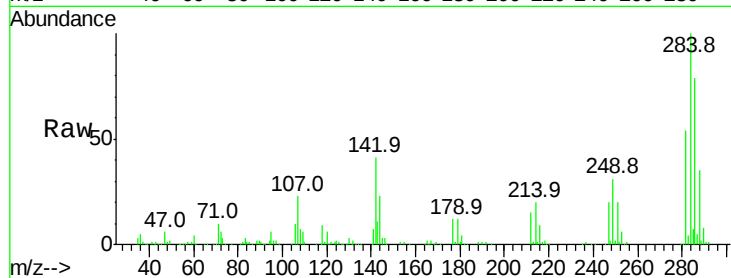




#67
Hexachlorobenzene
Concen: 49.423 ng
RT: 11.06 min Scan# 1525
Delta R.T. -0.00 min
Lab File: BF098946.D
Acq: 29 Sep 2017 14:24

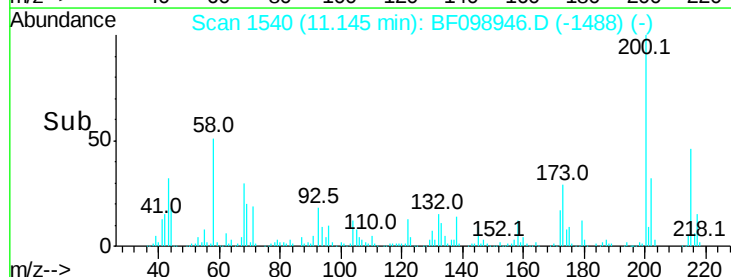
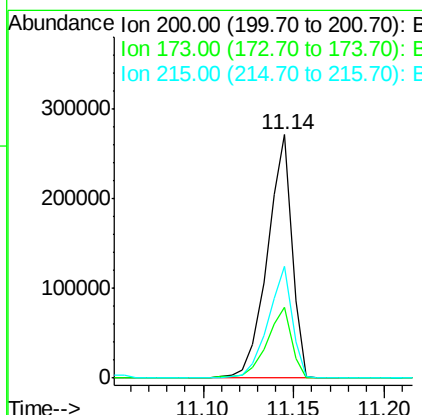
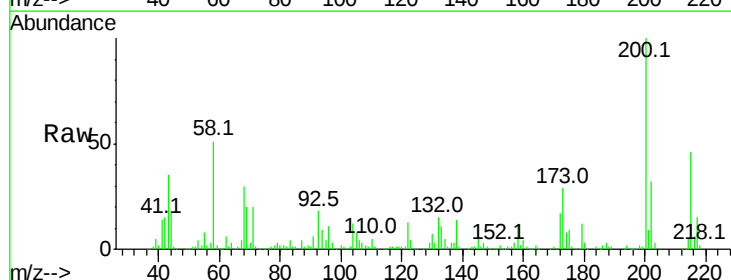
Instrument :
BNA_F
ClientSampleId :

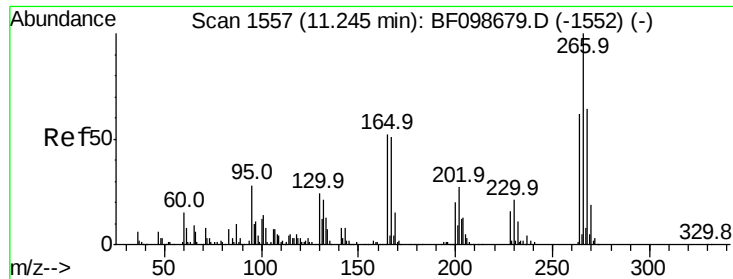
Tot Ion	Ratio	Lower	Upper
284	100		
142	41.1	34.6	52.0
249	30.7	24.8	37.2



#68
Atrazine
Concen: 54.540 ng
RT: 11.14 min Scan# 1540
Delta R.T. 0.01 min
Lab File: BF098946.D
Acq: 29 Sep 2017 14:24

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.0	8.6	48.6
215	45.8	25.1	65.1





#69

Pentachlorophenol

Concen: 83.320 ng

RT: 11.25 min Scan# 1558

Delta R.T. 0.01 min

Lab File: BF098946.D

Acq: 29 Sep 2017 14:24

Instrument :

BNA_F

ClientSampleId :

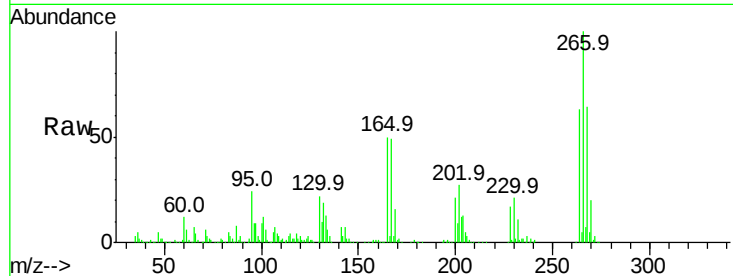
Tot Ion:266 Resp: 242576

Ion Ratio Lower Upper

266 100

268 64.4 51.1 76.7

264 63.2 49.5 74.3



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

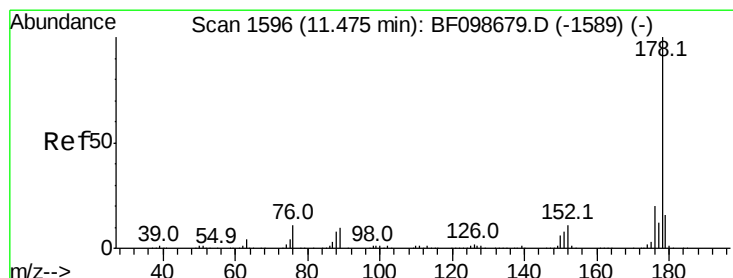
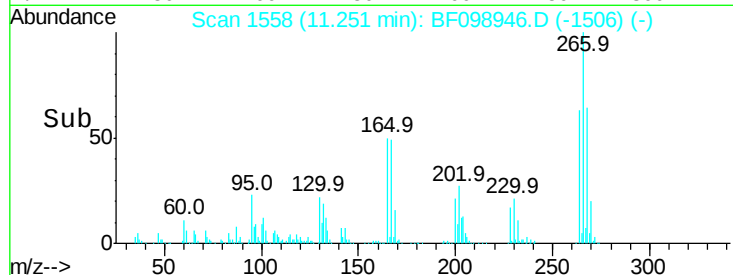
11.25

200000

100000

0

Time-->



#70

Phenanthrene

Concen: 51.169 ng

RT: 11.47 min Scan# 1596

Delta R.T. -0.00 min

Lab File: BF098946.D

Acq: 29 Sep 2017 14:24

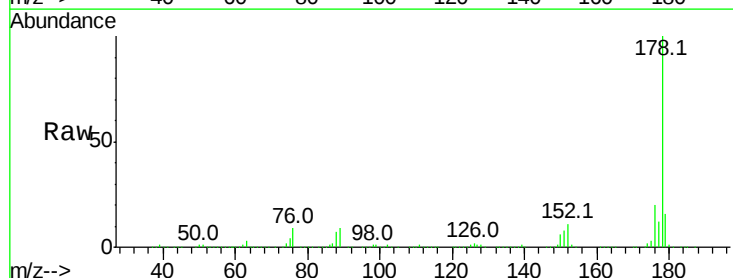
Tgt Ion:178 Resp: 1225578

Ion Ratio Lower Upper

178 100

176 20.1 15.8 23.8

179 15.6 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

11.47

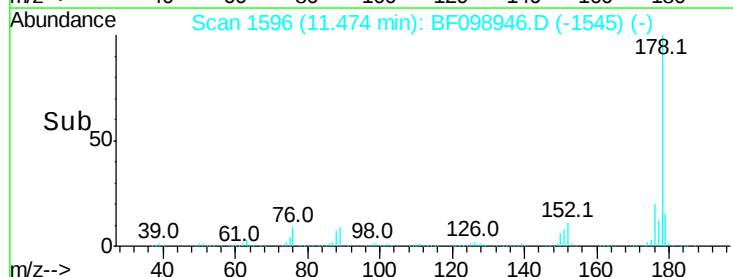
1500000

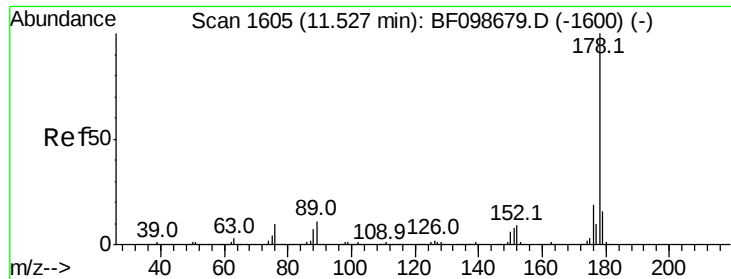
1000000

500000

0

Time-->

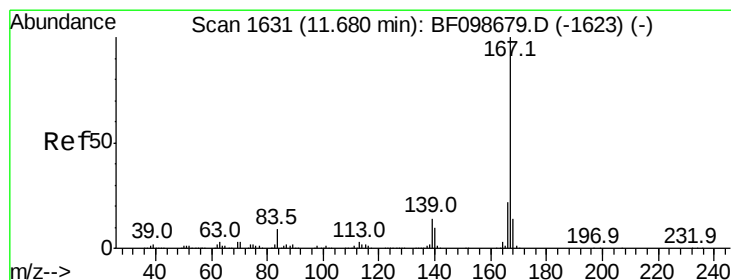
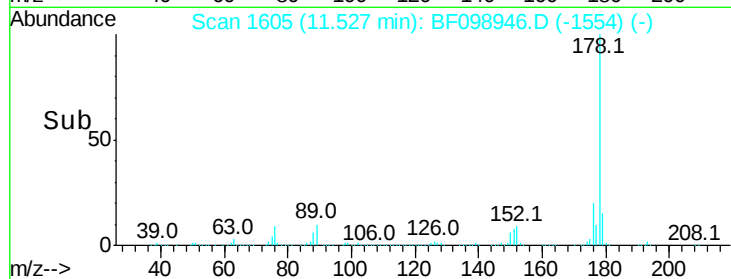
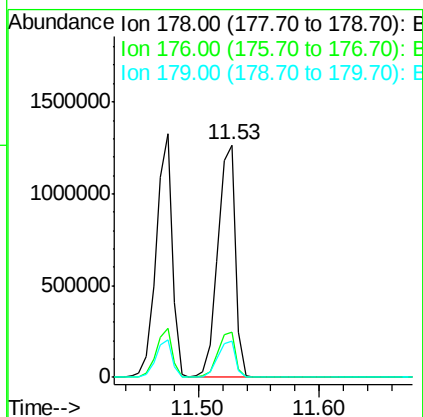
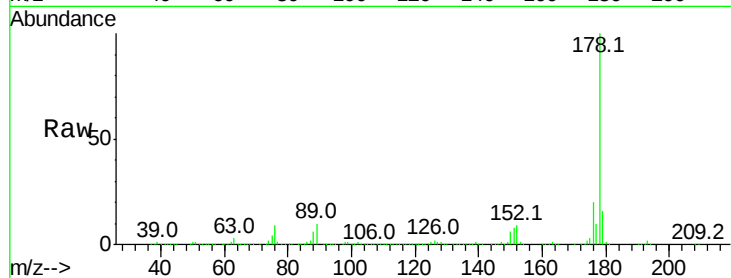




#71
 Anthracene
 Concen: 51.198 ng
 RT: 11.53 min Scan# 1605
 Delta R.T. -0.00 min
 Lab File: BF098946.D
 Acq: 29 Sep 2017 14:24

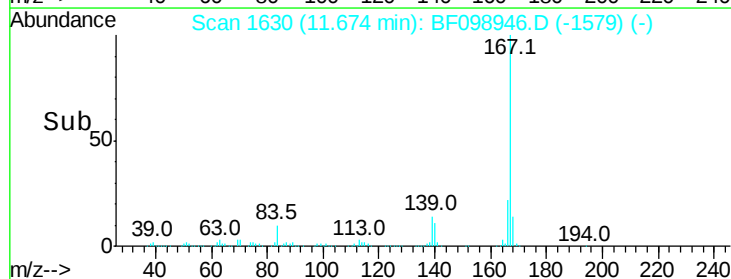
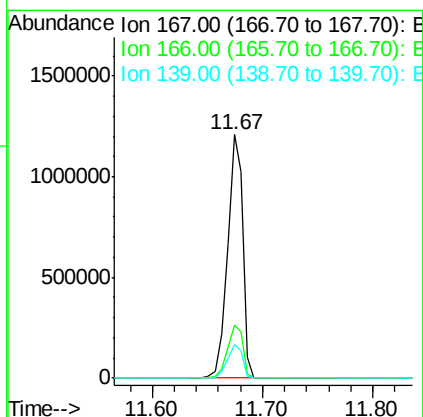
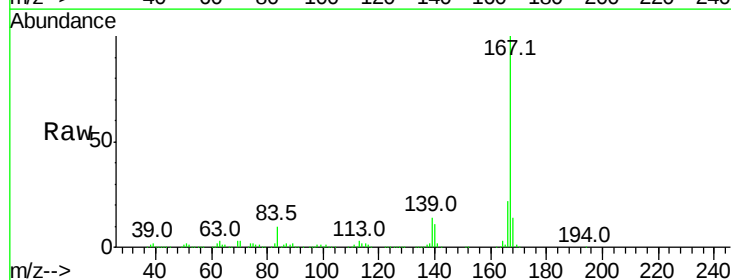
Instrument :
 BNA_F
 ClientSampleId :

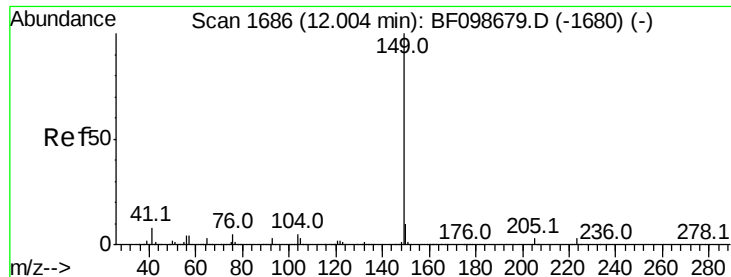
Tot Ion:178 Resp: 1254709
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.4 23.2
 179 15.5 12.6 19.0



#72
 Carbazole
 Concen: 48.319 ng
 RT: 11.67 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: BF098946.D
 Acq: 29 Sep 2017 14:24

Tgt Ion:167 Resp: 1159600
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.6 26.4
 139 13.7 10.9 16.3





#73

Di-n-butylphthalate

Concen: 53.887 ng

RT: 12.00 min Scan# 1685

Delta R.T. -0.01 min

Lab File: BF098946.D

Acq: 29 Sep 2017 14:24

Instrument :

BNA_F

ClientSampleId :

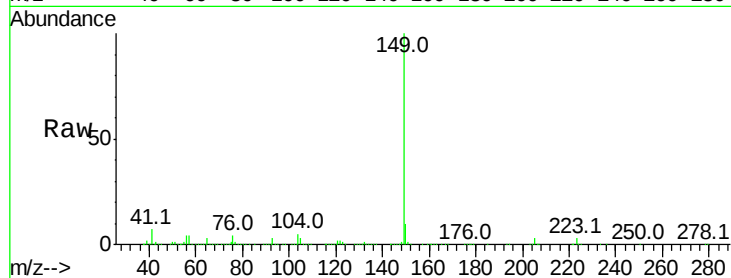
Tot Ion:149 Resp: 1556620

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

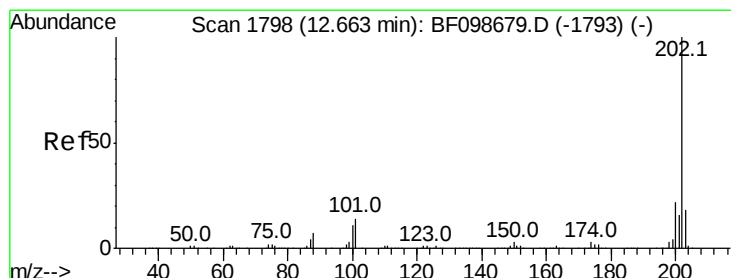
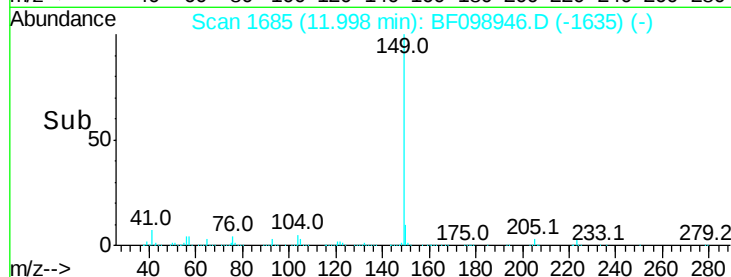
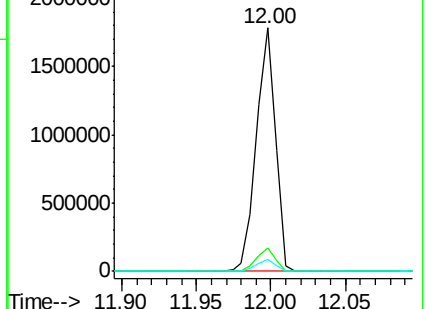
104 4.9 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 45.410 ng

RT: 12.66 min Scan# 1798

Delta R.T. -0.00 min

Lab File: BF098946.D

Acq: 29 Sep 2017 14:24

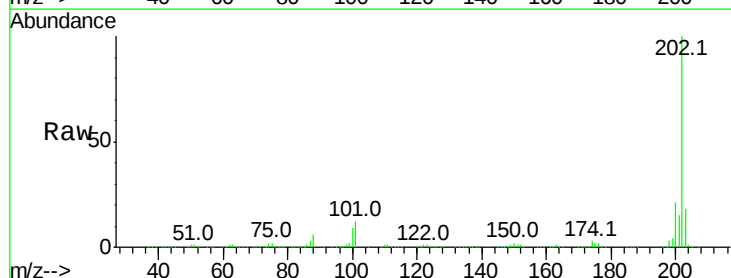
Tgt Ion:202 Resp: 1101361

Ion Ratio Lower Upper

202 100

101 12.5 0.0 34.1

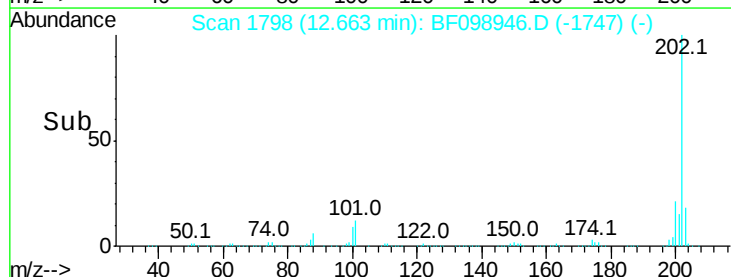
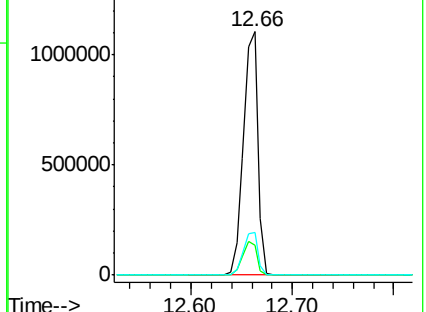
203 17.7 0.0 38.1

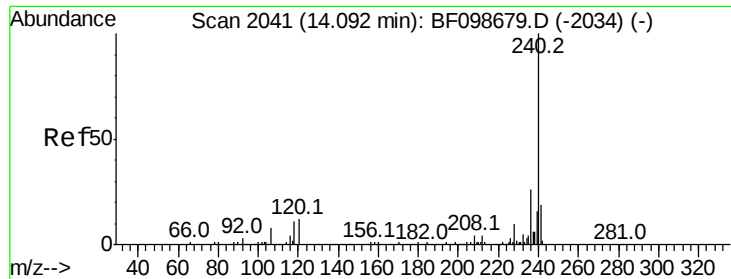


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.00 min

Lab File: BF098946.D

Acq: 29 Sep 2017 14:24

Instrument :

BNA_F

ClientSampleId :

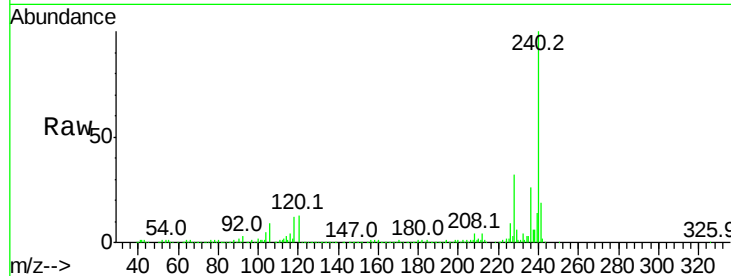
Tot Ion:240 Resp: 230130

Ion Ratio Lower Upper

240 100

120 13.0 9.5 14.3

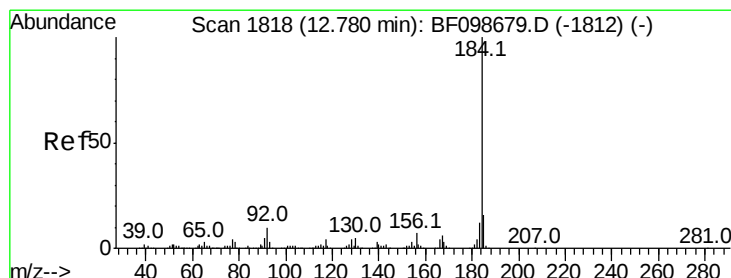
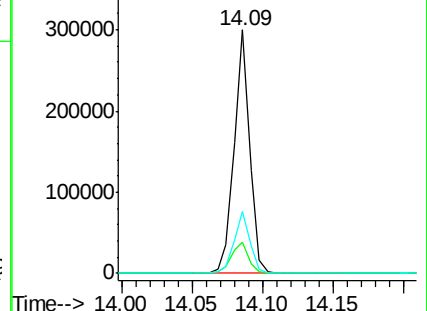
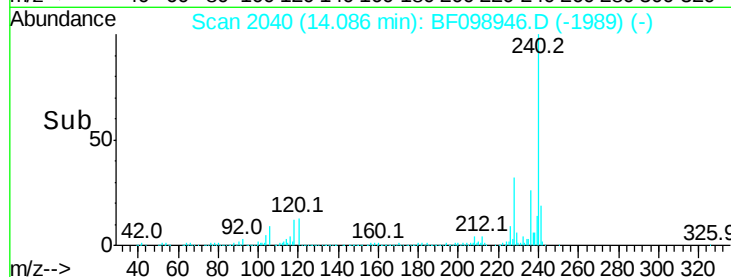
236 25.6 20.7 31.1



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: 28.432 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF098946.D

Acq: 29 Sep 2017 14:24

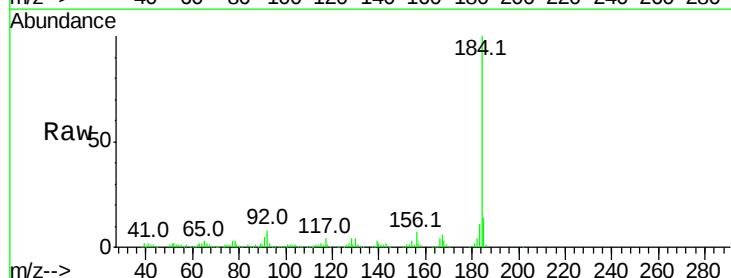
Tgt Ion:184 Resp: 242005

Ion Ratio Lower Upper

184 100

185 14.2 12.6 18.8

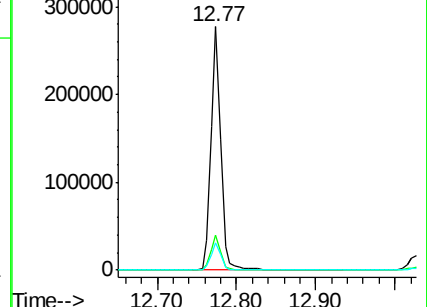
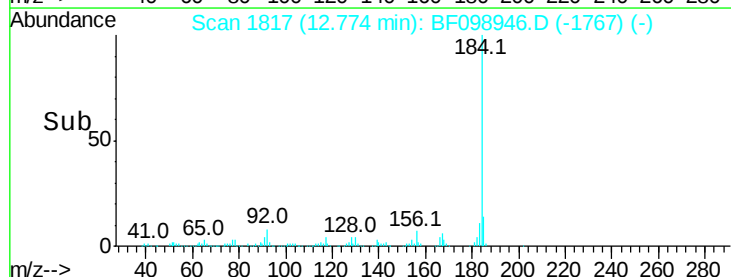
183 11.2 9.3 13.9



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: 61.888 ng

RT: 12.89 min Scan# 1837

Delta R.T. -0.00 min

Lab File: BF098946.D

Acq: 29 Sep 2017 14:24

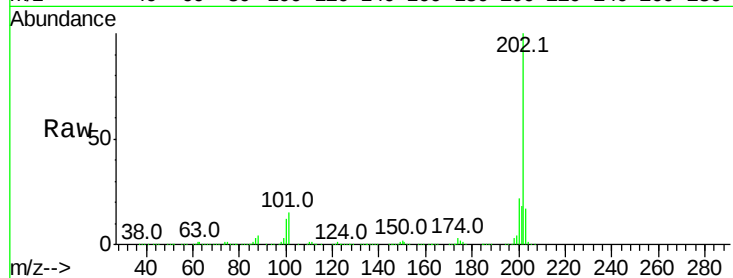
Instrument :

BNA_F

ClientSampled :

Tot Ion:202 Resp: 1086037

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.4	26.2
203	17.3	14.3	21.5

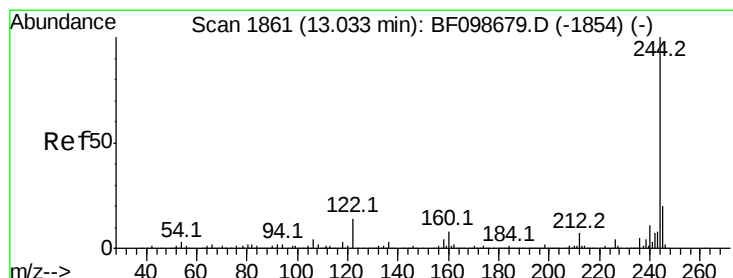
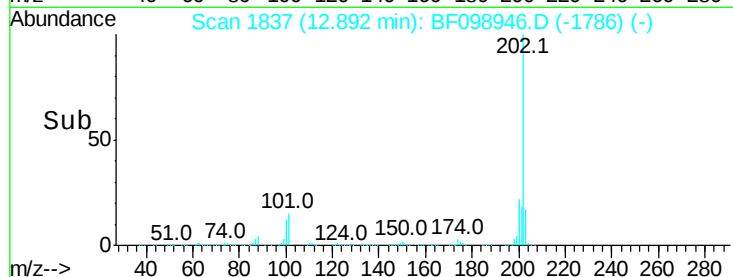
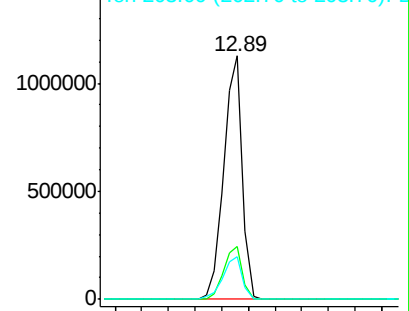


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 127.352 ng

RT: 13.03 min Scan# 1860

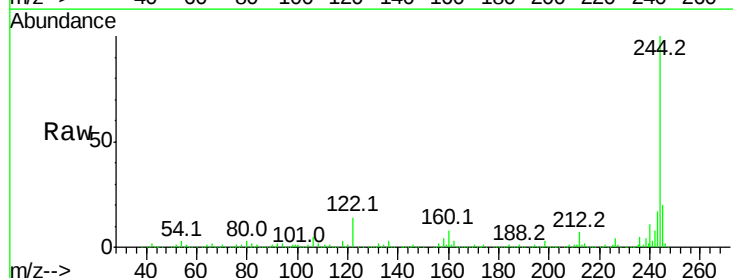
Delta R.T. -0.01 min

Lab File: BF098946.D

Acq: 29 Sep 2017 14:24

Tgt Ion:244 Resp: 1288691

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	13.8	11.0	16.4

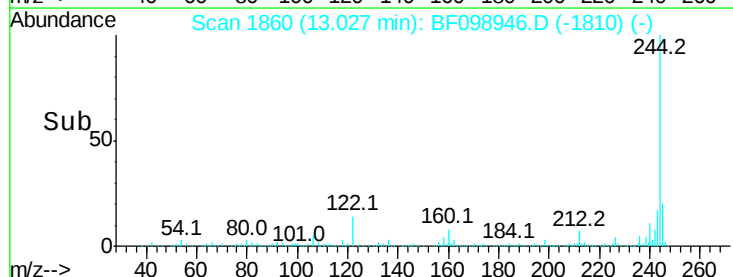
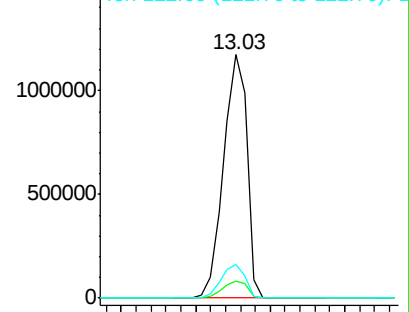


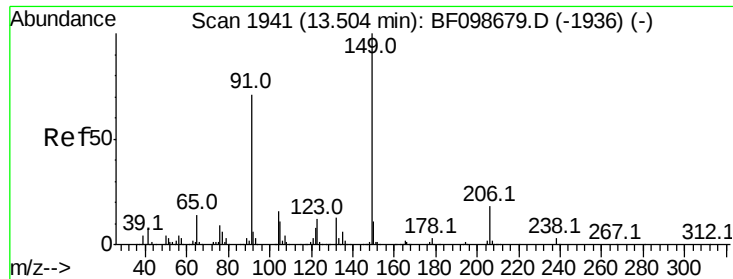
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

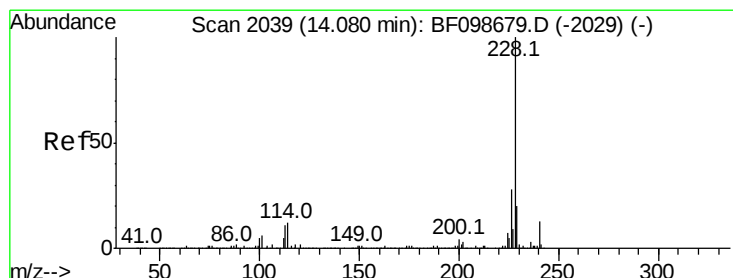
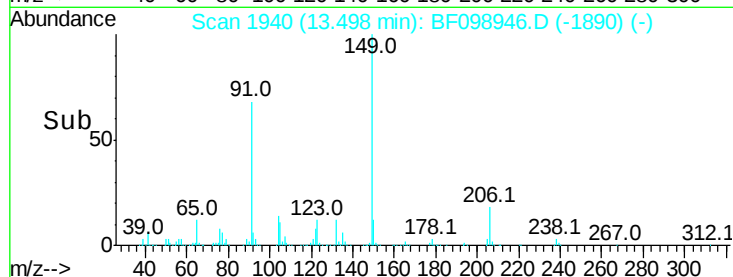
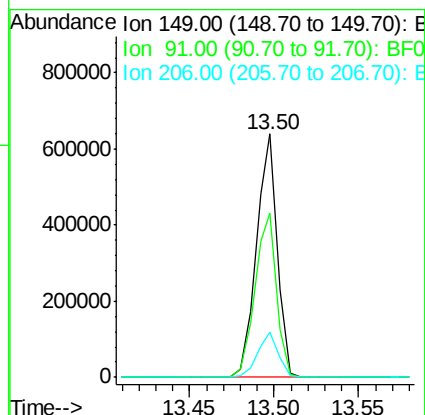
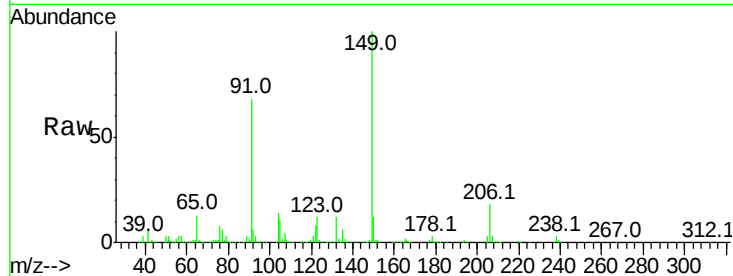




#79
Butylbenzylphthalate
Concen: 66.991 ng
RT: 13.50 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BF098946.D
Acq: 29 Sep 2017 14:24

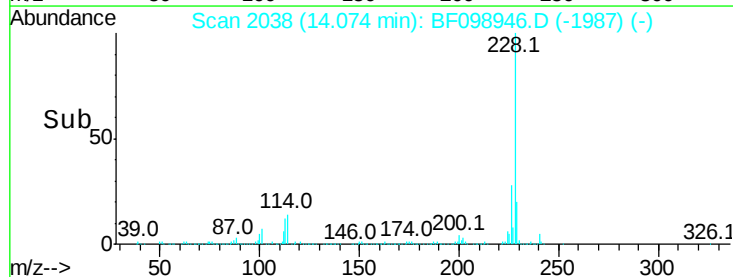
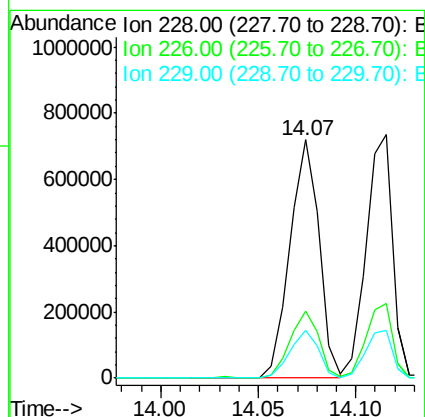
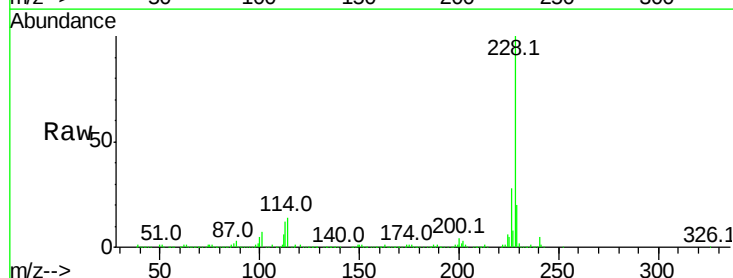
Instrument :
BNA_F
ClientSampleId :

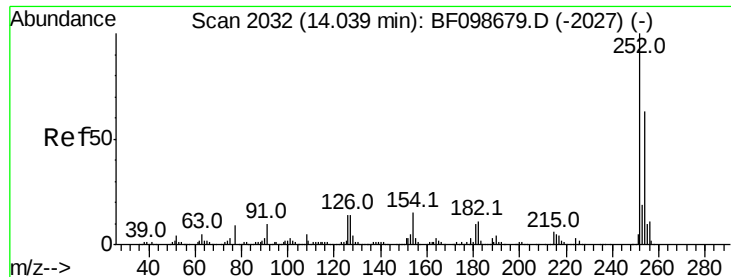
Tot Ion	Ratio	Lower	Upper
149	100		
91	67.7	56.8	85.2
206	18.4	14.1	21.1



#80
Benzo(a)anthracene
Concen: 53.317 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BF098946.D
Acq: 29 Sep 2017 14:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	19.8	15.8	23.6

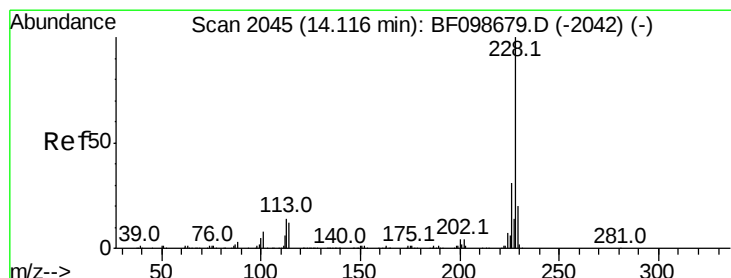
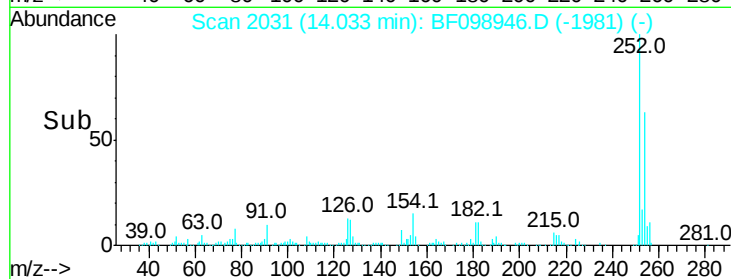
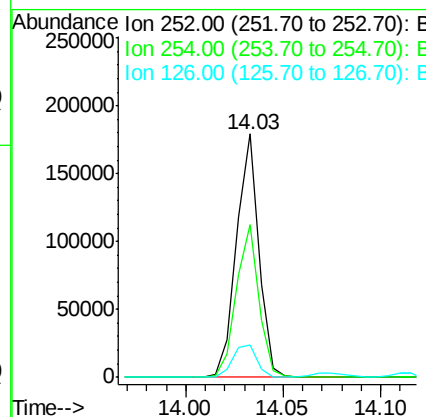
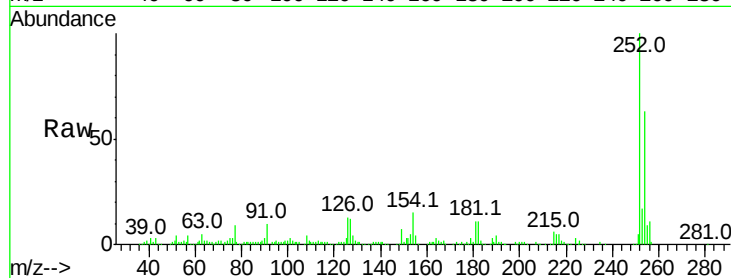




#81
 3,3'-Dichlorobenzidine
 Concen: 27.963 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF098946.D
 Acq: 29 Sep 2017 14:24

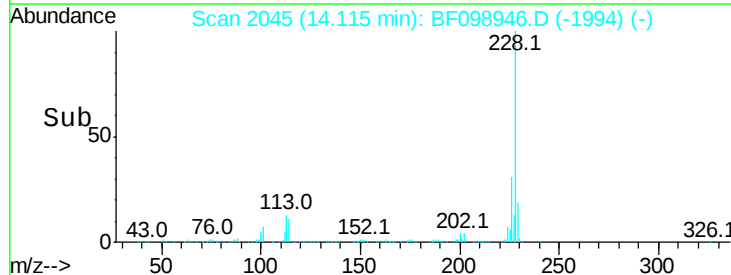
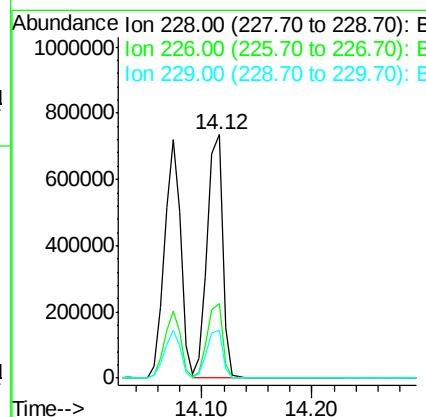
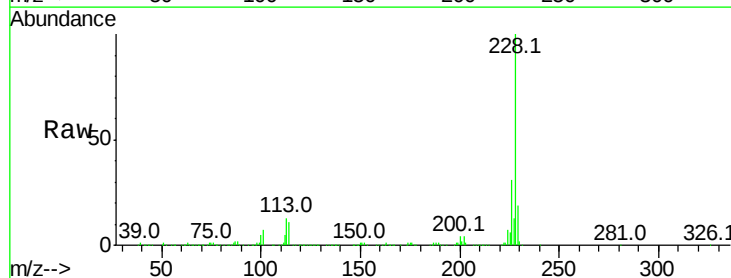
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:252 Resp: 142848
 Ion Ratio Lower Upper
 252 100
 254 62.9 50.4 75.6
 126 13.3 11.3 16.9



#82
 Chrysene
 Concen: 52.113 ng
 RT: 14.12 min Scan# 2045
 Delta R.T. -0.00 min
 Lab File: BF098946.D
 Acq: 29 Sep 2017 14:24

Tgt Ion:228 Resp: 691367
 Ion Ratio Lower Upper
 228 100
 226 30.9 25.0 37.6
 229 19.4 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 65.006 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF098946.D

Acq: 29 Sep 2017 14:24

Instrument :

BNA_F

ClientSampleId :

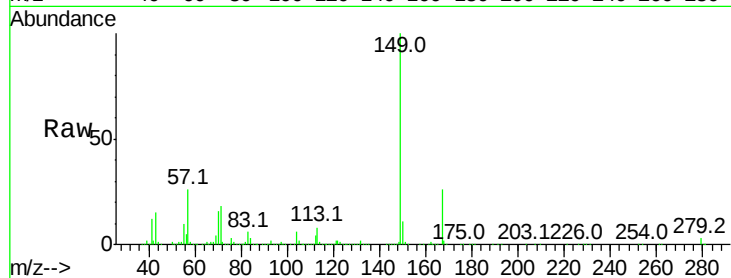
Tot Ion:149 Resp: 738216

Ion Ratio Lower Upper

149 100

167 26.3 21.3 31.9

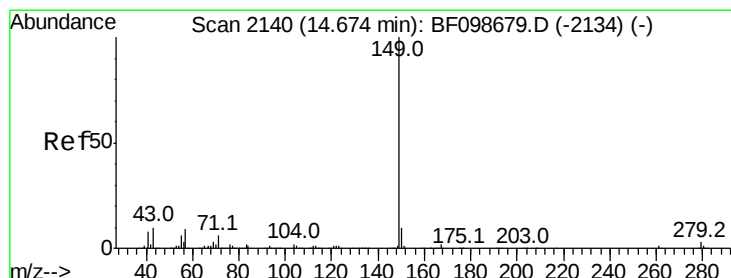
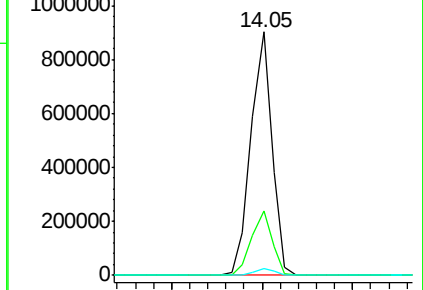
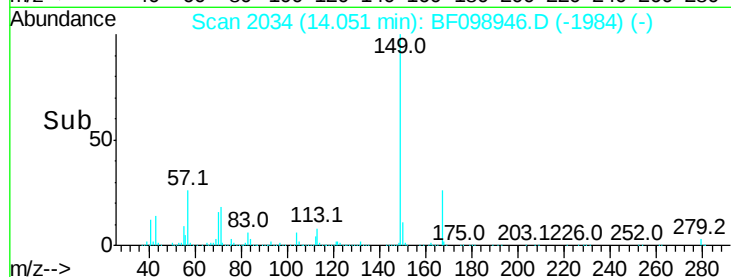
279 2.9 3.0 4.4#



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: 59.904 ng

RT: 14.66 min Scan# 2138

Delta R.T. -0.01 min

Lab File: BF098946.D

Acq: 29 Sep 2017 14:24

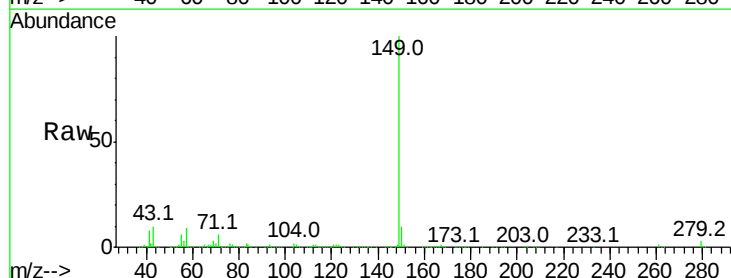
Tgt Ion:149 Resp: 1095385

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

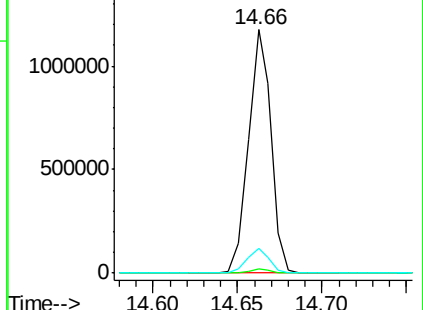
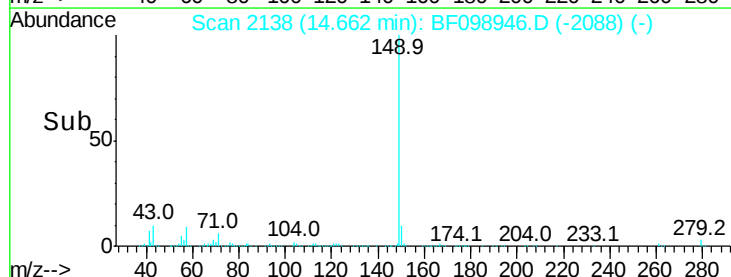
43 9.6 8.4 12.6

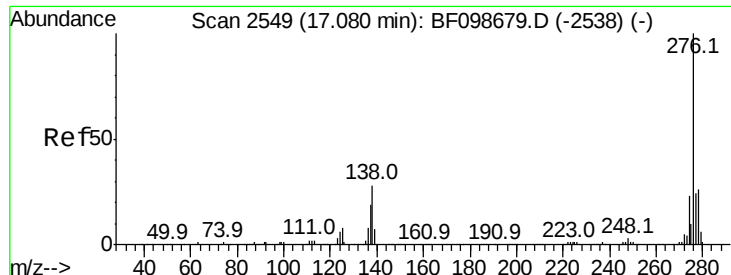


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 71.442 ng

RT: 17.10 min Scan# 2552

Delta R.T. 0.01 min

Lab File: BF098946.D

Acq: 29 Sep 2017 14:24

Instrument :

BNA_F

ClientSampleId :

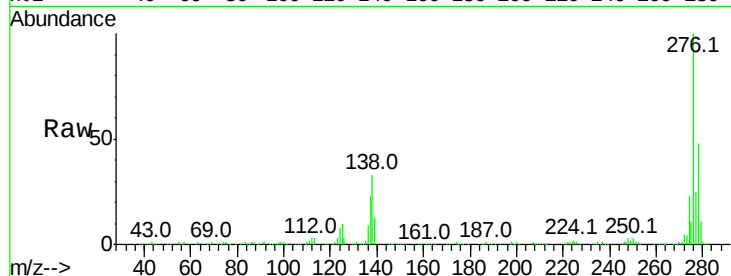
Tot Ion:276 Resp: 758178

Ion Ratio Lower Upper

276 100

138 34.3 25.0 37.6

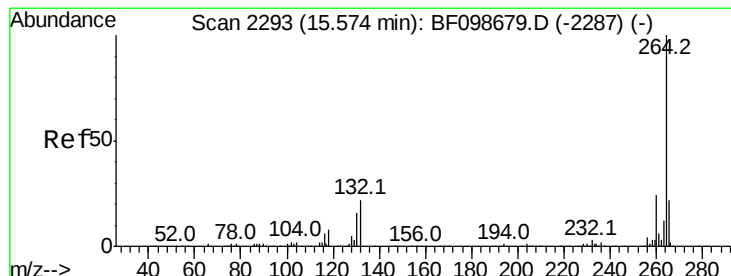
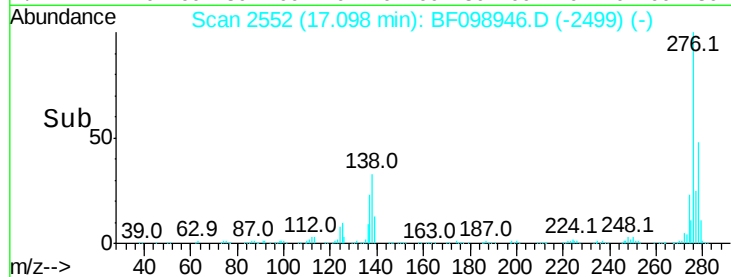
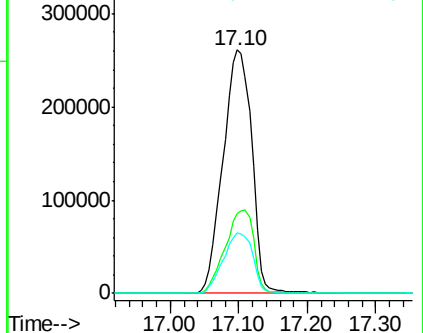
277 25.4 20.1 30.1



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: 15.57 min Scan# 2293

Delta R.T. -0.00 min

Lab File: BF098946.D

Acq: 29 Sep 2017 14:24

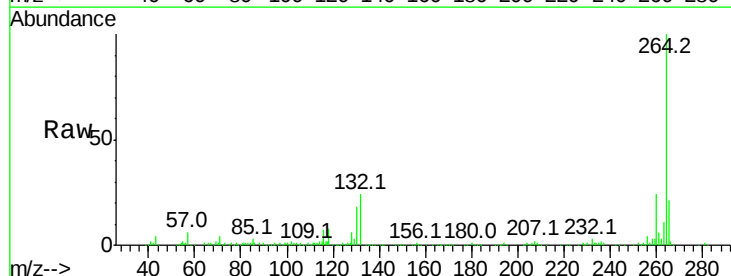
Tgt Ion:264 Resp: 224579

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

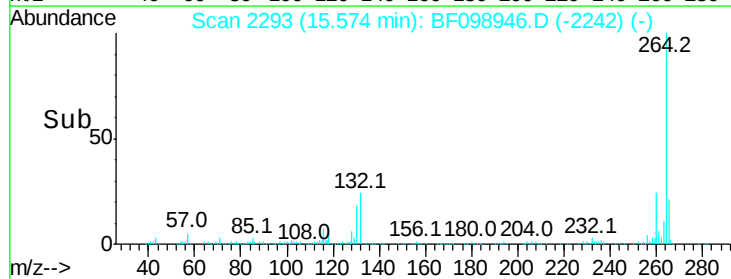
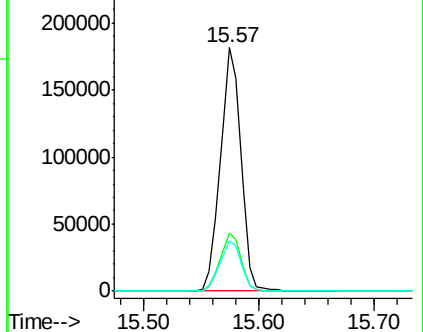
265 20.5 17.5 26.3

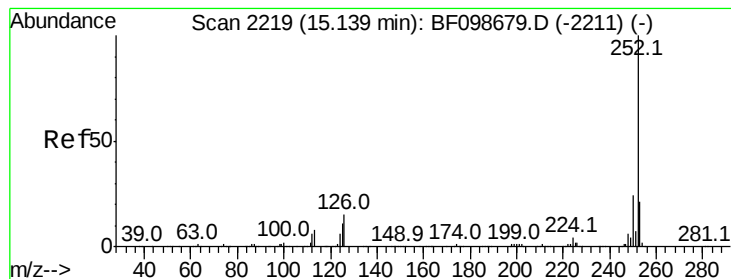


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 49.183 ng

RT: 15.14 min Scan# 2219

Delta R.T. -0.00 min

Lab File: BF098946.D

Acq: 29 Sep 2017 14:24

Instrument :

BNA_F

ClientSampleId :

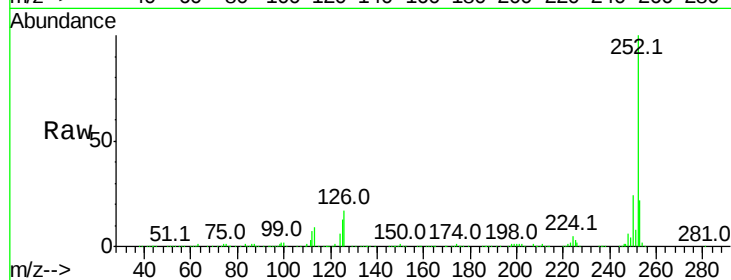
Tot Ion:252 Resp: 679127

Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.6

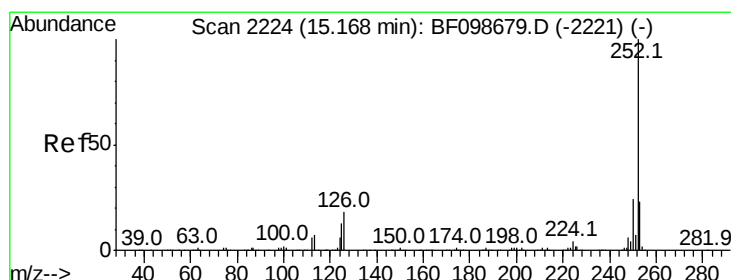
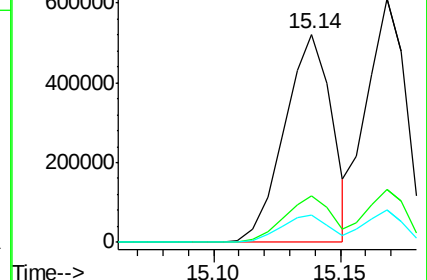
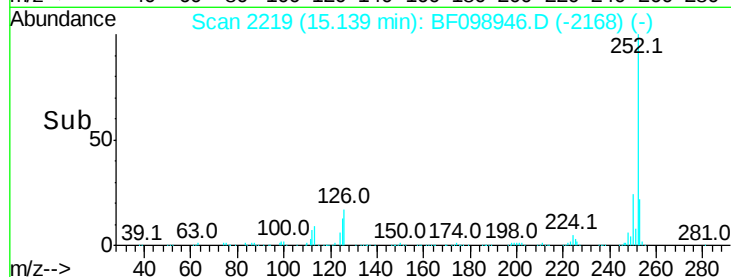
125 13.1 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 48.447 ng

RT: 15.17 min Scan# 2224

Delta R.T. -0.00 min

Lab File: BF098946.D

Acq: 29 Sep 2017 14:24

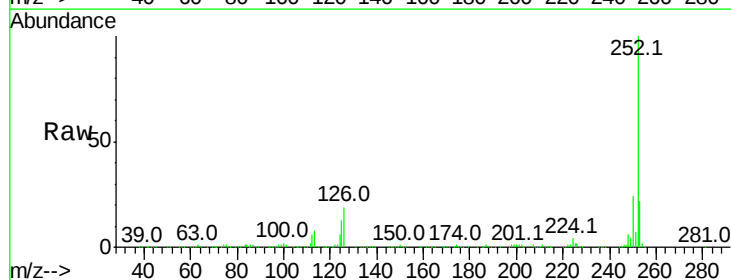
Tgt Ion:252 Resp: 660734

Ion Ratio Lower Upper

252 100

253 21.8 17.9 26.9

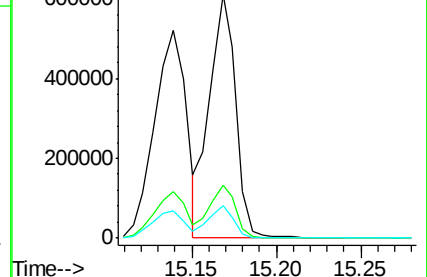
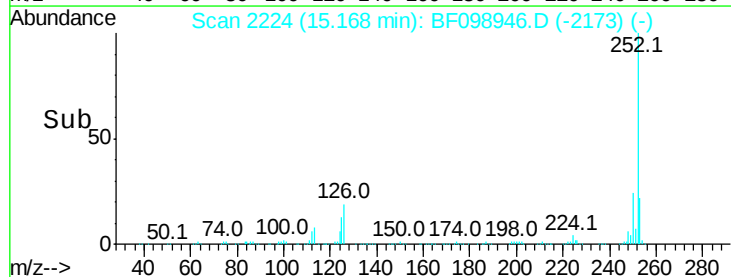
125 13.3 10.2 15.2

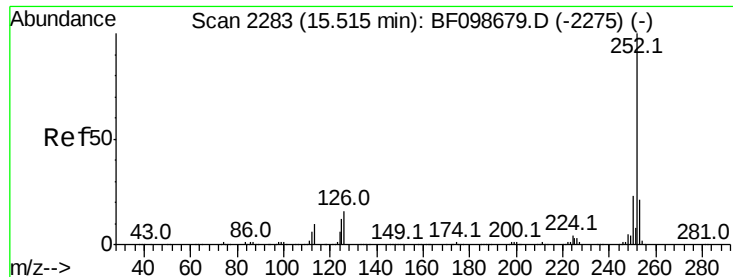


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

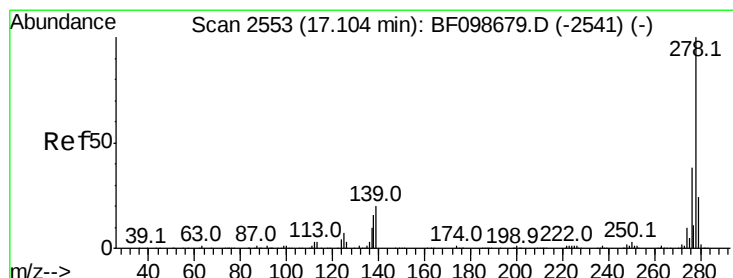
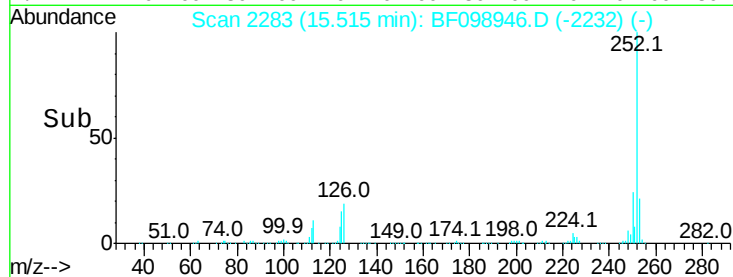
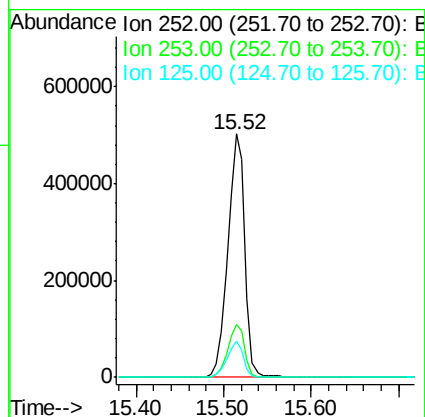
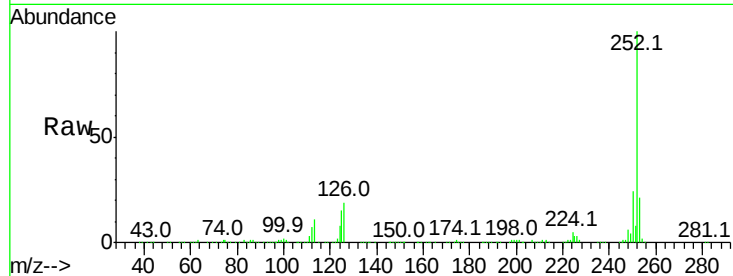




#89
Benzo(a)pyrene
Concen: 52.942 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BF098946.D
Acq: 29 Sep 2017 14:24

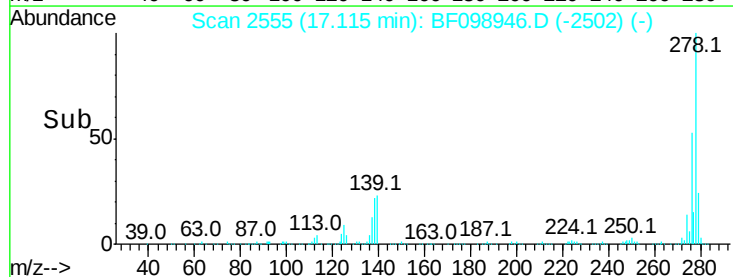
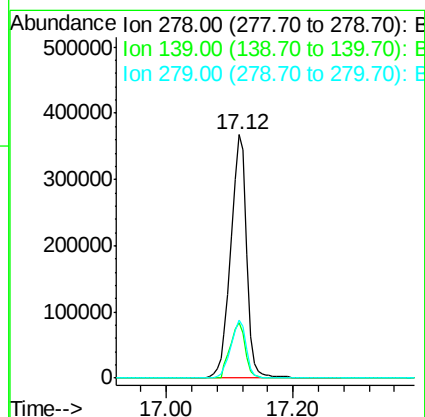
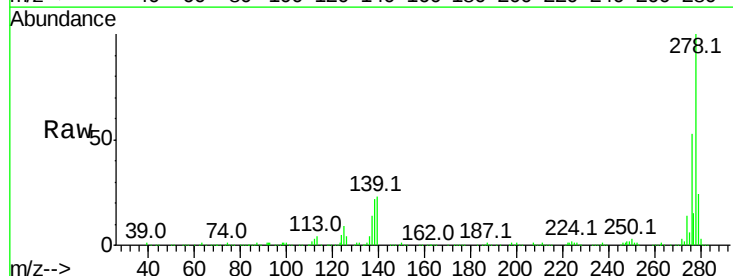
Instrument :
BNA_F
ClientSampleId :

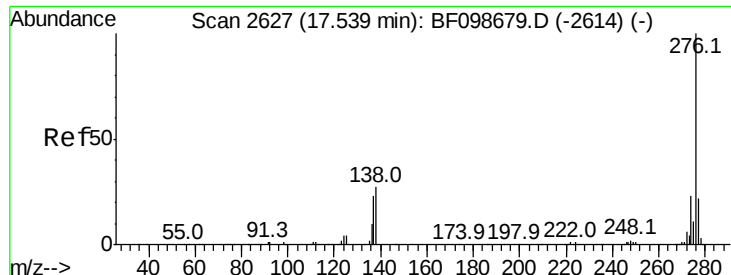
Tot Ion:252 Resp: 671022
Ion Ratio Lower Upper
252 100
253 21.5 17.1 25.7
125 14.8 9.8 14.6#



#90
Dibenzo(a,h)anthracene
Concen: 62.345 ng
RT: 17.12 min Scan# 2553
Delta R.T. 0.01 min
Lab File: BF098946.D
Acq: 29 Sep 2017 14:24

Tgt Ion:278 Resp: 632404
Ion Ratio Lower Upper
278 100
139 22.6 15.9 23.9
279 23.7 19.0 28.4

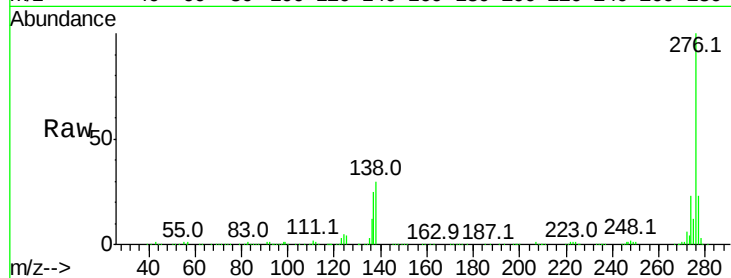




#91
 Benzo(a,h,i)perylene
 Concen: 61.970 ng
 RT: 17.56 min Scan# 2631
 Delta R.T. 0.02 min
 Lab File: BF098946.D
 Acq: 29 Sep 2017 14:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	17.9	26.9
138	29.8	21.8	32.8



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

