

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040517\
 Data File : BF094193.D
 Acq On : 5 Apr 2017 17:01
 Operator : SJ/MA
 Sample : I2523-15MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-3(0-7)MSD

Quant Time: Apr 06 01:07:43 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 14:38:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.86	152	166501	20.00	ng	-0.04
21) Naphthalene-d8	7.37	136	680954	20.00	ng	-0.04
38) Acenaphthene-d10	9.51	164	306717	20.00	ng	-0.04
63) Phenanthrene-d10	11.33	188	539597	20.00	ng	-0.04
75) Chrysene-d12	14.59	240	416323	20.00	ng	-0.04
86) Perylene-d12	16.20	264	298044	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	4.40	112	1307997	132.69	ng	-0.03
7) Phenol-d6	5.48	99	1667335	136.72	ng	-0.03
23) Nitrobenzene-d5	6.52	82	1055725	88.48	ng	-0.04
41) 2,4,6-Tribromophenol	10.49	330	355309	146.60	ng	-0.04
44) 2-Fluorobiphenyl	8.69	172	1864285	92.71	ng	-0.04
78) Terphenyl-d14	13.31	244	1556590	83.81	ng	-0.04

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.23	88	176683	37.31	ng	97
3) Pyridine	2.73	79	300376	23.27	ng	98
4) n-Nitrosodimethylamine	2.69	42	250616	47.19	ng	93
6) Aniline	5.49	93	566072	33.37	ng	# 8
8) 2-Chlorophenol	5.63	128	540900	49.92	ng	97
9) Benzaldehyde	5.36	77	291867	35.44	ng	100
10) Phenol	5.49	94	653836	47.11	ng	82
11) bis(2-Chloroethyl)ether	5.57	93	506128	46.67	ng	99
12) 1,3-Dichlorobenzene	5.80	146	565045	46.49	ng	99
13) 1,4-Dichlorobenzene	5.89	146	569506	46.26	ng	98
14) 1,2-Dichlorobenzene	6.06	146	532063	46.93	ng	96
15) Benzyl Alcohol	6.04	79	445101	49.87	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.20	45	706787	42.29	ng	96
17) 2-Methylphenol	6.18	107	454830	49.01	ng	97
18) Hexachloroethane	6.46	117	204179	47.19	ng	# 86
19) n-Nitroso-di-n-propylamine	6.36	70	371345	47.38	ng	97
20) 3+4-Methylphenols	6.36	107	567822	50.52	ng	# 62
22) Acetophenone	6.34	105	763012	50.28	ng	# 87
24) Nitrobenzene	6.54	77	558049	47.42	ng	95
25) Isophorone	6.83	82	1012909	48.31	ng	95
26) 2-Nitrophenol	6.92	139	310946	55.41	ng	97
27) 2,4-Dimethylphenol	6.99	122	483852	50.04	ng	99
28) bis(2-Chloroethoxy)methane	7.09	93	661257	47.83	ng	99
29) 2,4-Dichlorophenol	7.21	162	471900	52.19	ng	96
30) 1,2,4-Trichlorobenzene	7.30	180	452585	48.60	ng	98
31) Naphthalene	7.40	128	1531490	46.77	ng	99
32) Benzoic acid	7.07	122	16197	2.52	ng	91
33) 4-Chloroaniline	7.46	127	553843	41.73	ng	94
34) Hexachlorobutadiene	7.55	225	226738	47.48	ng	99
35) Caprolactam	7.91	113	62228	21.58	ng	96
36) 4-Chloro-3-methylphenol	8.08	107	501594	53.09	ng	89
37) 2-Methylnaphthalene	8.24	142	1059282	48.53	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.45	216	386560	46.07	ng	99
40) Hexachlorocyclopentadiene	8.43	237	378809	96.48	ng	99

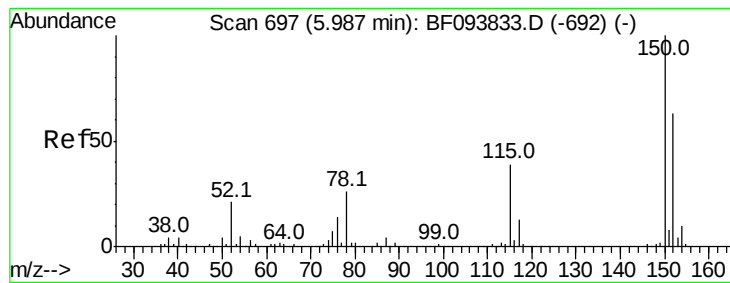
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.59	196	311788	52.52	nq	94
43) 2,4,5-Trichlorophenol	8.65	196	320027	49.82	nq	92
45) 1,1'-Biphenyl	8.82	154	1183389	47.83	nq	97
46) 2-Chloronaphthalene	8.83	162	951635	49.14	nq	94
47) 2-Nitroaniline	8.96	65	301301	52.45	nq	# 80
48) Acenaphthylene	9.34	152	1492927	46.39	nq	99
49) Dimethylphthalate	9.20	163	1247818	57.23	nq	99
50) 2,6-Dinitrotoluene	9.27	165	258377	51.70	nq	90
51) Acenaphthene	9.55	154	883901	47.07	nq	99
52) 3-Nitroaniline	9.47	138	258713	44.08	nq	93
53) 2,4-Dinitrophenol	9.60	184	78619	32.34	nq	# 75
54) Dibenzofuran	9.76	168	1269508	49.66	nq	99
55) 4-Nitrophenol	9.72	139	426934	92.89	nq	# 70
56) 2,4-Dinitrotoluene	9.76	165	303197	48.29	nq	# 66
57) Fluorene	10.19	166	959673	45.27	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.92	232	229368	52.04	nq	97
59) Diethylphthalate	10.07	149	1077654	50.01	nq	99
60) 4-Chlorophenyl-phenylether	10.19	204	413350	45.77	nq	93
61) 4-Nitroaniline	10.23	138	296017	52.56	nq	94
62) Azobenzene	10.39	77	1063411	52.17	nq	97
64) 4,6-Dinitro-2-methylphenol	10.27	198	97847	29.61	nq	# 65
65) n-Nitrosodiphenylamine	10.35	169	913913	48.98	nq	98
66) 4-Bromophenyl-phenylether	10.79	248	263080	49.57	nq	98
67) Hexachlorobenzene	10.86	284	272040	50.64	nq	# 87
68) Atrazine	11.02	200	276824	49.53	nq	96
69) Pentachlorophenol	11.11	266	212292	63.49	nq	97
70) Phenanthrene	11.36	178	1430236	47.65	nq	99
71) Anthracene	11.43	178	1481499	47.94	nq	99
72) Carbazole	11.63	167	1412820	44.58	nq	98
73) Di-n-butylphthalate	12.08	149	1653229	50.16	nq	99
74) Fluoranthene	12.83	202	1469268	47.80	nq	99
76) Benzidine	12.99	184	187921	11.40	nq	95
77) Pyrene	13.10	202	1504655	49.80	nq	99
79) Butylbenzylphthalate	13.92	149	706250	54.86	nq	# 82
80) Benzo(a)anthracene	14.57	228	1207316	49.73	nq	99
81) 3,3'-Dichlorobenzidine	14.54	252	356213	41.05	nq	# 98
82) Chrysene	14.62	228	1061295	47.11	nq	99
83) Bis(2-ethylhexyl)phthalate	14.63	149	941281	53.59	nq	# 100
84) Di-n-octyl phthalate	15.39	149	1465987	49.96	nq	98
85) Indeno(1,2,3-cd)pyrene	17.54	276	865188	44.34	nq	100
87) Benzo(b)fluoranthene	15.80	252	926497	50.71	nq	98
88) Benzo(k)fluoranthene	15.83	252	899480	50.32	nq	97
89) Benzo(a)pyrene	16.15	252	843426	50.13	nq	99
90) Dibenzo(a,h)anthracene	17.56	278	705583	49.52	nq	99
91) Benzo(g,h,i)perylene	17.93	276	730919	50.90	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.86 min Scan# 676

Delta R.T. -0.04 min

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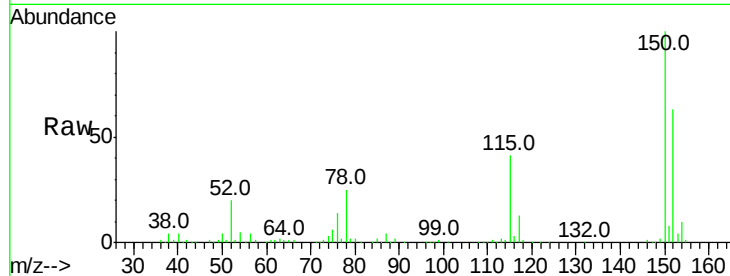
Tot Ion:152 Resp: 166501

Ion Ratio Lower Upper

152 100

150 159.8 126.2 189.2

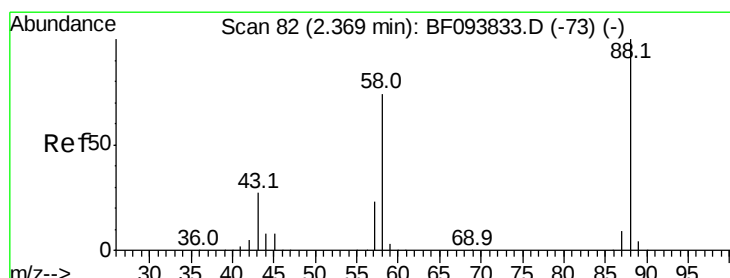
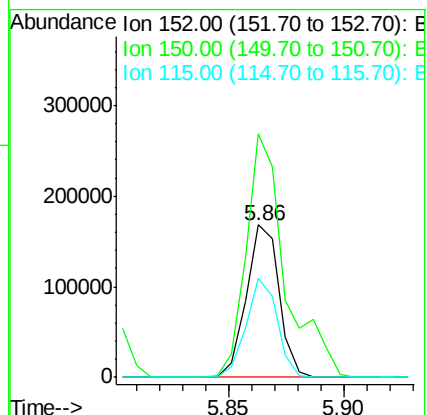
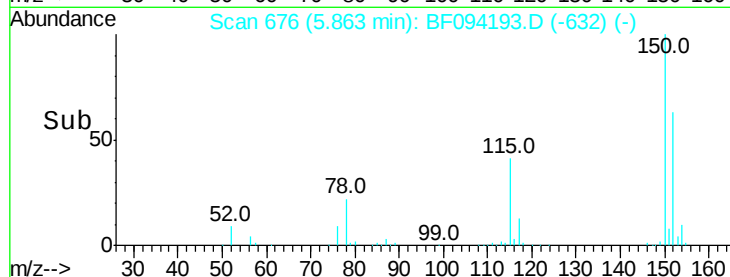
115 65.3 52.2 78.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 37.31 ng

RT: 2.23 min Scan# 59

Delta R.T. -0.02 min

Lab File: BF094193.D

Acq: 5 Apr 2017 17:01

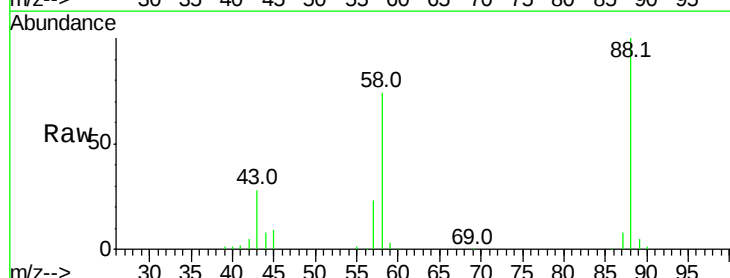
Tgt Ion: 88 Resp: 176683

Ion Ratio Lower Upper

88 100

58 73.7 61.4 92.0

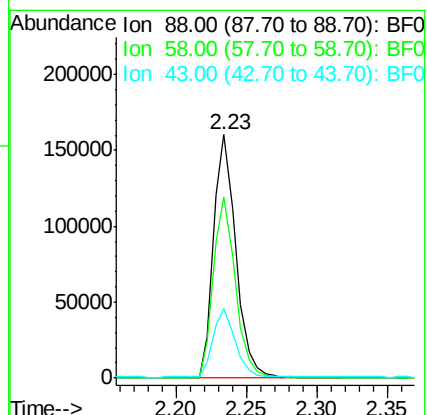
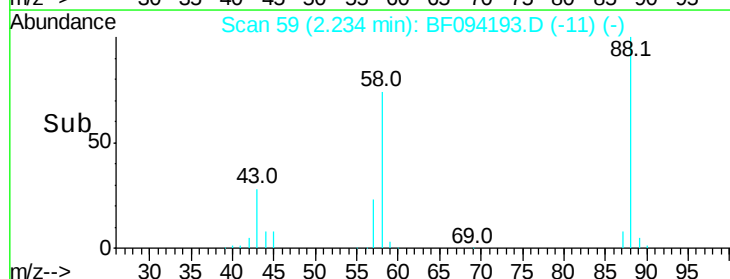
43 27.9 23.4 35.0

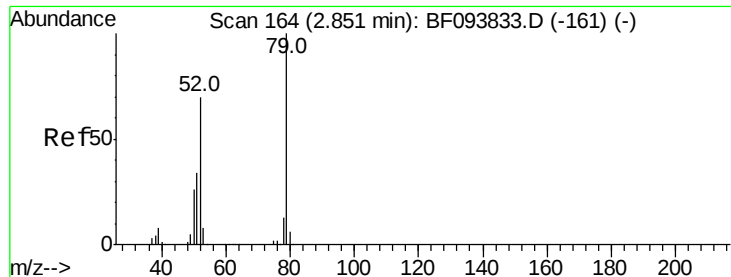


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 23.27 ng

RT: 2.73 min Scan# 144

Delta R.T. -0.01 min

Lab File: BF094193.D

Acq: 5 Apr 2017 17:01

Instrument :

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ClientSampleId :

CEMETERY-3(0-7)MSD

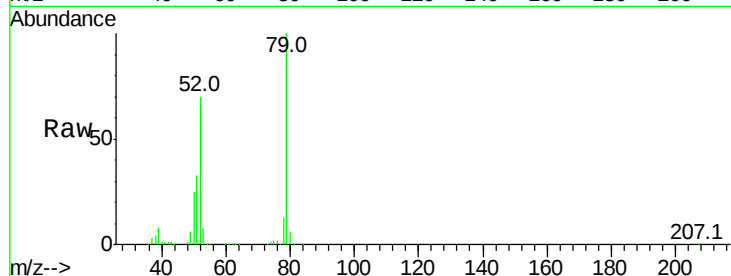
Tot Ion: 79 Resp: 300376

Ion Ratio Lower Upper

79 100

52 70.4 54.8 82.2

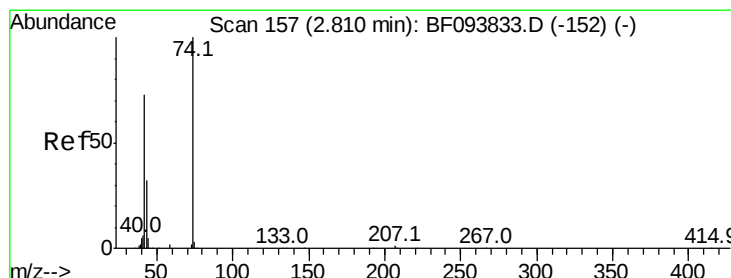
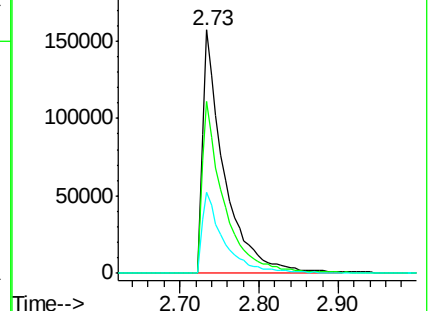
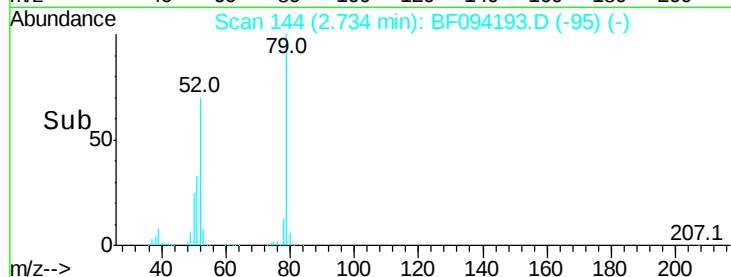
51 33.2 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 47.19 ng

RT: 2.69 min Scan# 136

Delta R.T. -0.03 min

Lab File: BF094193.D

Acq: 5 Apr 2017 17:01

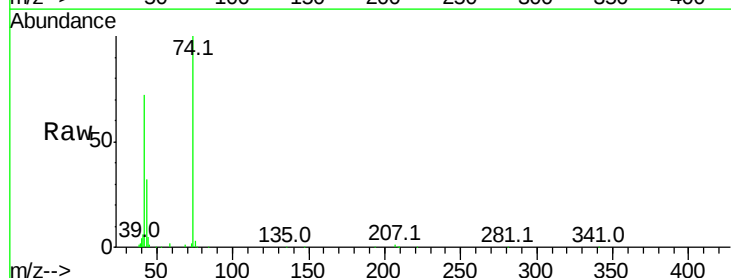
Tgt Ion: 42 Resp: 250616

Ion Ratio Lower Upper

42 100

74 138.7 103.9 155.9

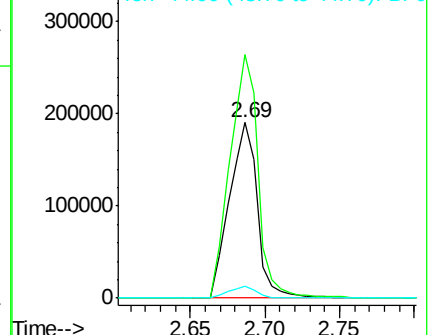
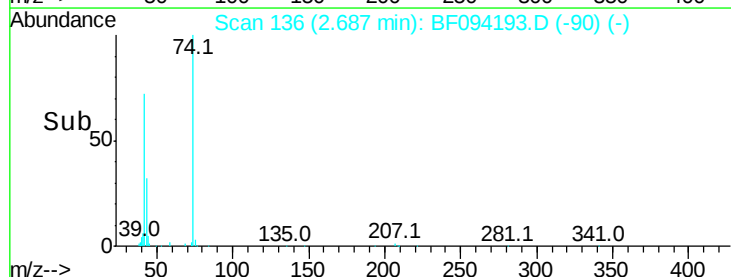
44 6.5 5.7 8.5



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 132.69 ng

RT: 4.40 min Scan# 428

Delta R.T. -0.03 min

Lab File: BF094193.D

Acq: 5 Apr 2017 17:01

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ClientSampleId :

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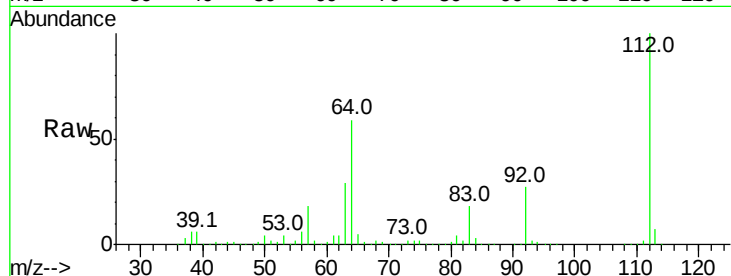
Tot Ion:112 Resp: 1307997

Ion Ratio Lower Upper

112 100

64 59.1 46.0 69.0

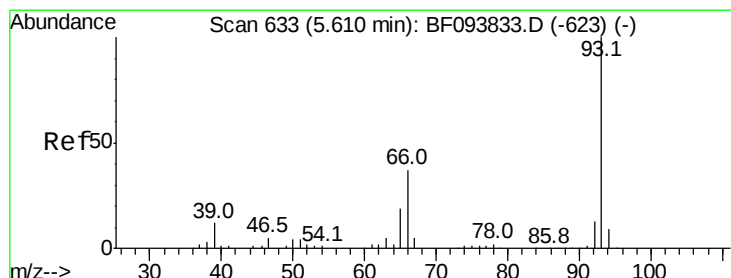
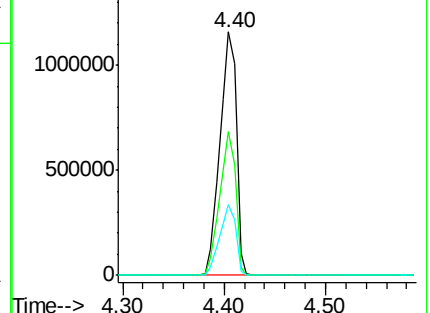
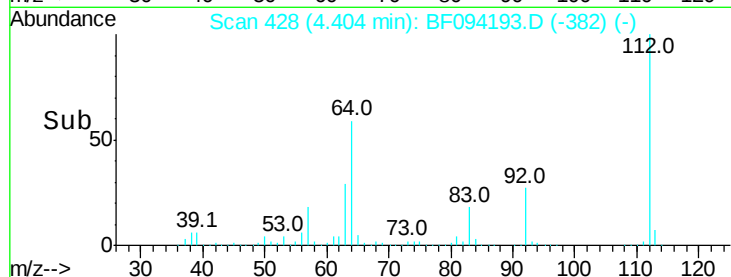
63 29.3 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 33.37 ng

RT: 5.49 min Scan# 613

Delta R.T. -0.04 min

Lab File: BF094193.D

Acq: 5 Apr 2017 17:01

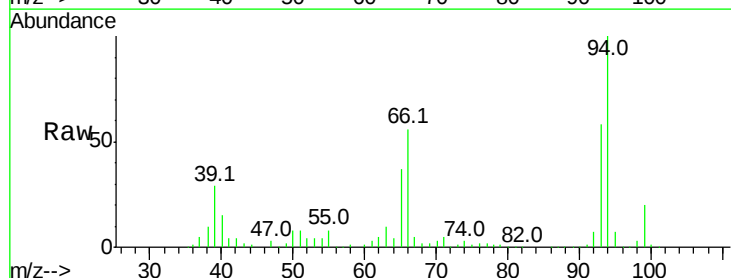
Tgt Ion: 93 Resp: 566072

Ion Ratio Lower Upper

93 100

66 97.0 32.9 49.3#

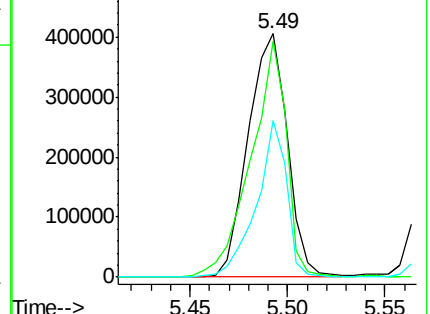
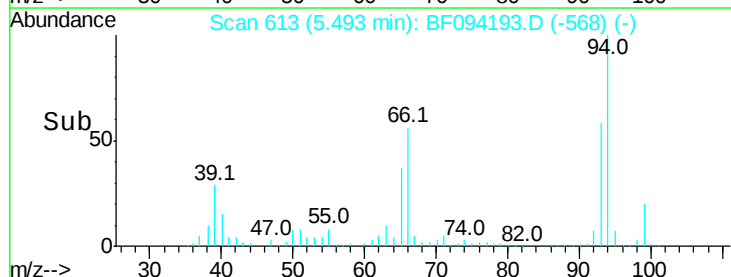
65 64.3 16.0 24.0#

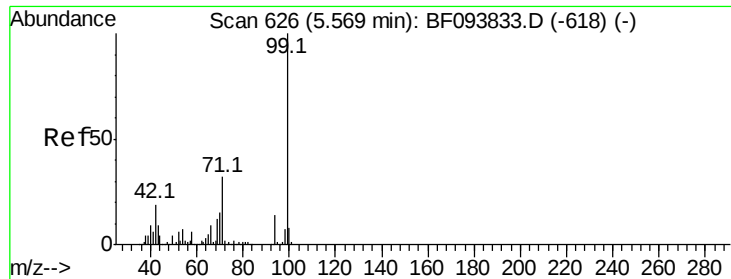


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 136.72 ng

RT: 5.48 min Scan# 611

Delta R.T. -0.03 min

Lab File: BF094193.D

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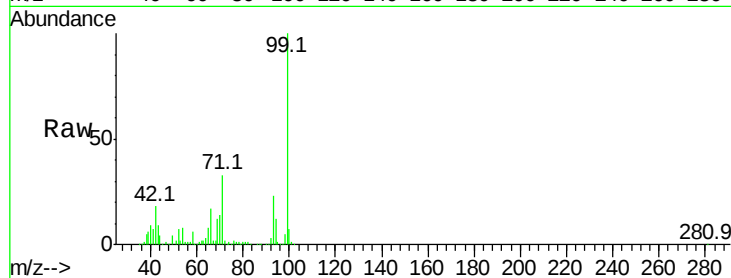
Tot Ion: 99 Resp: 1667335

Ion Ratio Lower Upper

99 100

42 17.6 13.5 20.3

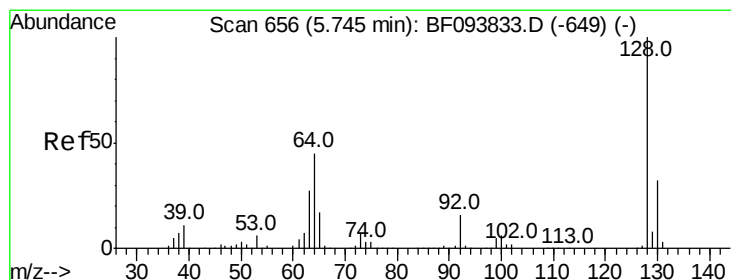
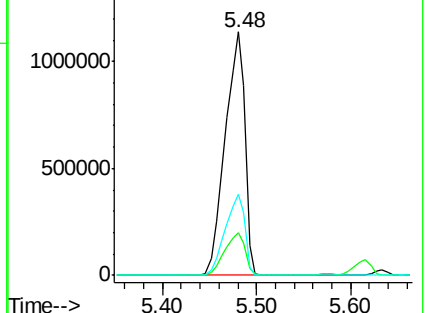
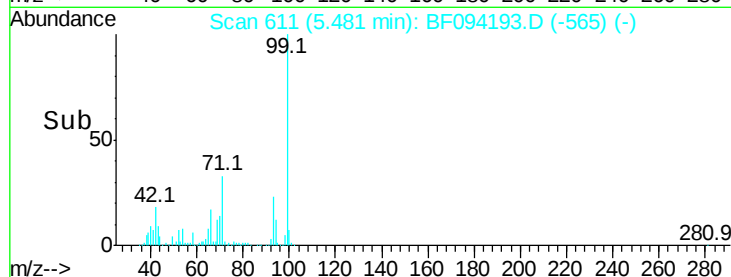
71 33.3 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 49.92 ng

RT: 5.63 min Scan# 637

Delta R.T. -0.04 min

Lab File: BF094193.D

Acq: 5 Apr 2017 17:01

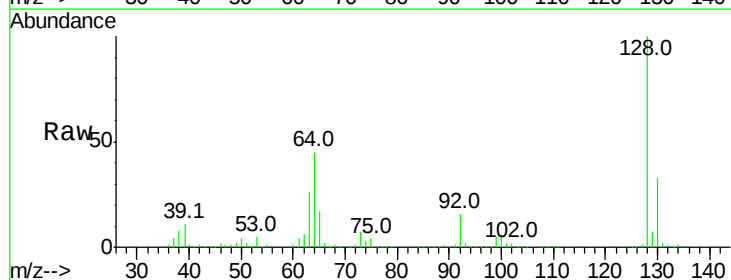
Tgt Ion:128 Resp: 540900

Ion Ratio Lower Upper

128 100

130 33.1 12.9 52.9

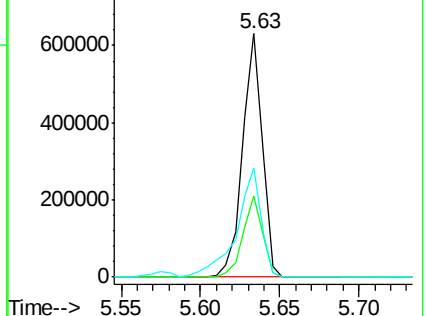
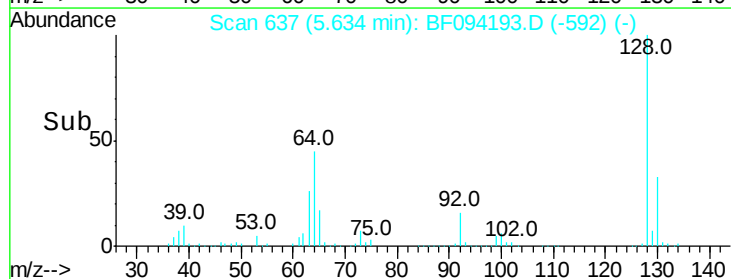
64 44.8 28.4 68.4

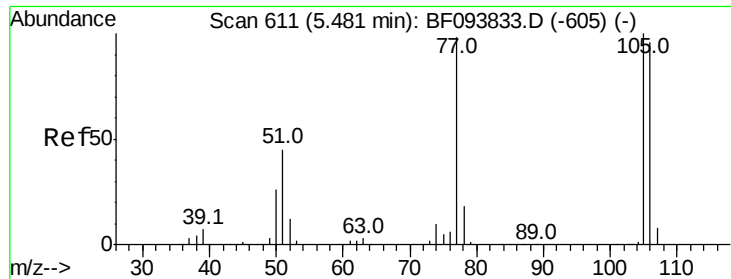


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 35.44 ng

RT: 5.36 min Scan# 590

Delta R.T. -0.04 min

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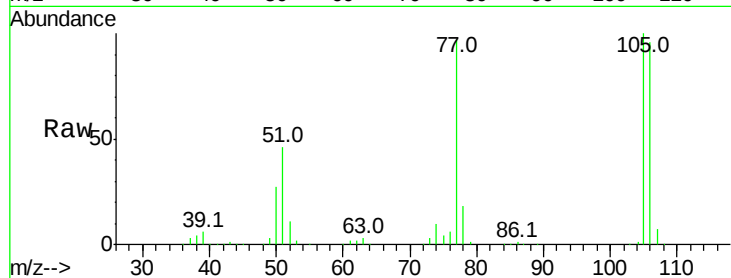
Tot Ion: 77 Resp: 291867

Ion Ratio Lower Upper

77 100

105 103.4 83.8 123.8

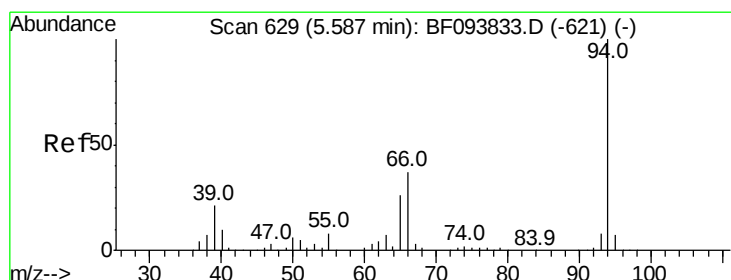
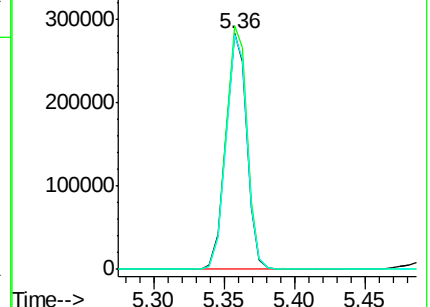
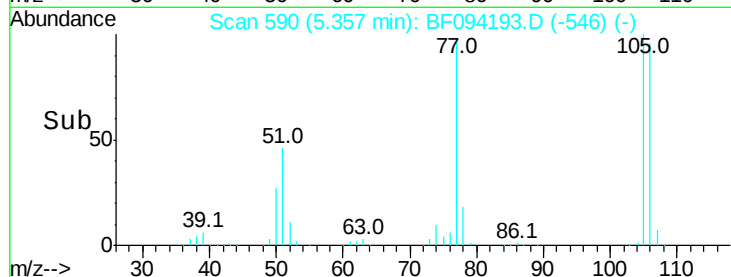
106 99.7 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 47.11 ng

RT: 5.49 min Scan# 613

Delta R.T. -0.04 min

Lab File: BF094193.D

Acq: 5 Apr 2017 17:01

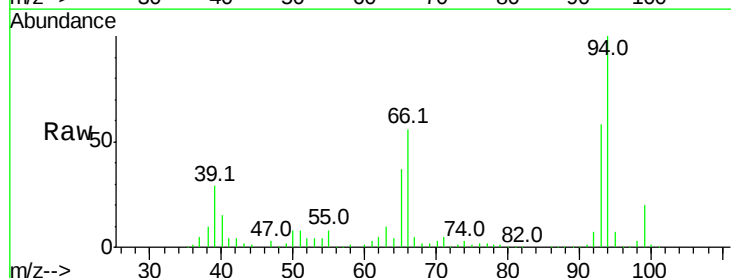
Tgt Ion: 94 Resp: 653836

Ion Ratio Lower Upper

94 100

65 37.3 9.9 49.9

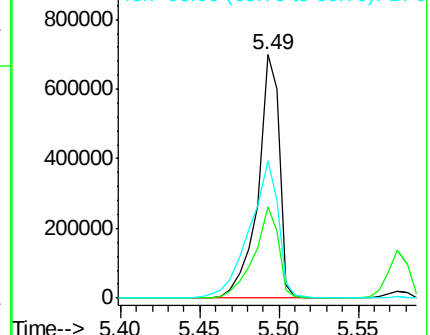
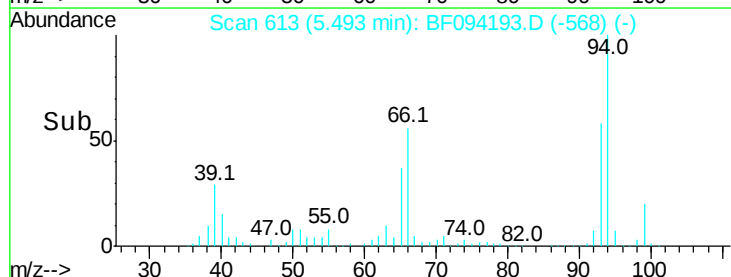
66 56.3 23.1 63.1

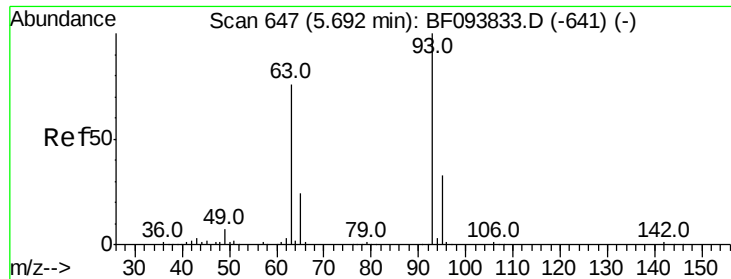


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 46.67 ng

RT: 5.57 min Scan# 627

Delta R.T. -0.04 min

Lab File: BF094193.D

Acq: 5 Apr 2017 17:01

Instrument :

BNA_F

ClientSampleId :

CEMETERY-3(0-7)MSD

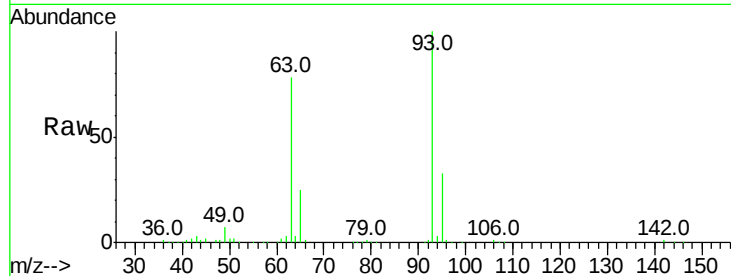
Tot Ion: 93 Resp: 506128

Ion Ratio Lower Upper

93 100

63 78.5 59.2 99.2

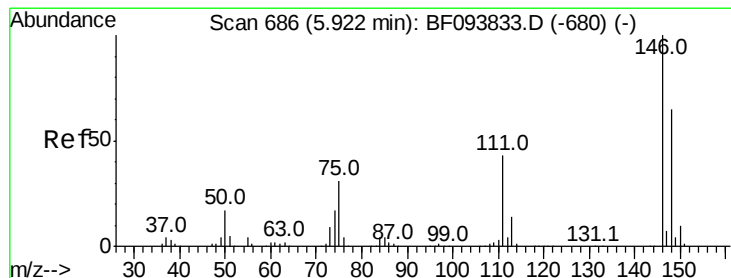
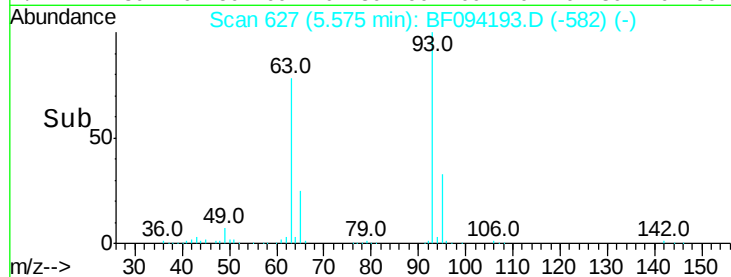
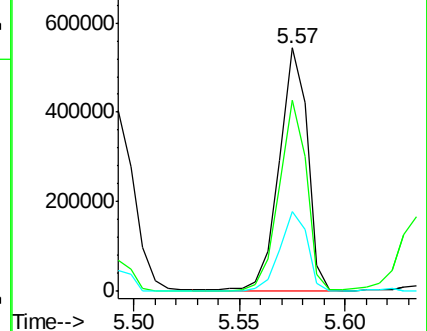
95 32.7 12.8 52.8



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: 46.49 ng

RT: 5.80 min Scan# 665

Delta R.T. -0.04 min

Lab File: BF094193.D

Acq: 5 Apr 2017 17:01

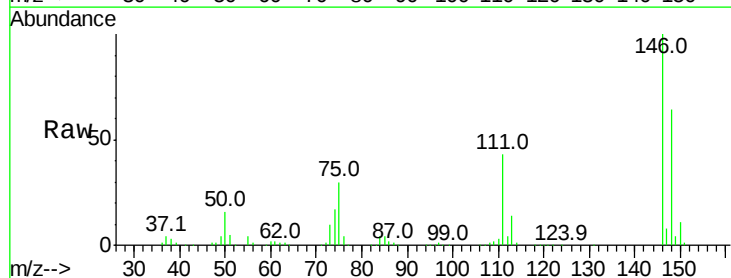
Tgt Ion: 146 Resp: 565045

Ion Ratio Lower Upper

146 100

148 63.7 51.8 77.6

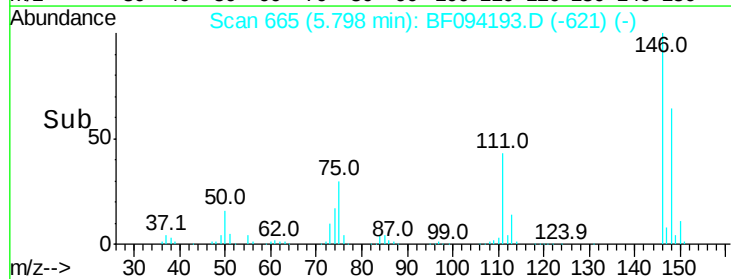
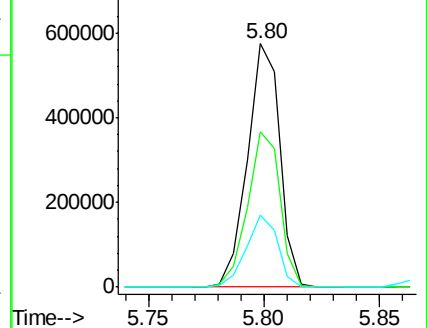
75 29.8 23.1 34.7

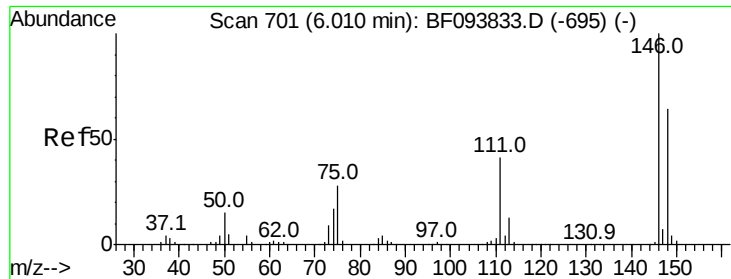


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 46.26 ng

RT: 5.89 min Scan# 680

Delta R.T. -0.04 min

Lab File: BF094193.D

Acq: 5 Apr 2017 17:01

Instrument :

BNA_F

ClientSampleId :

CEMETERY-3(0-7)MSD

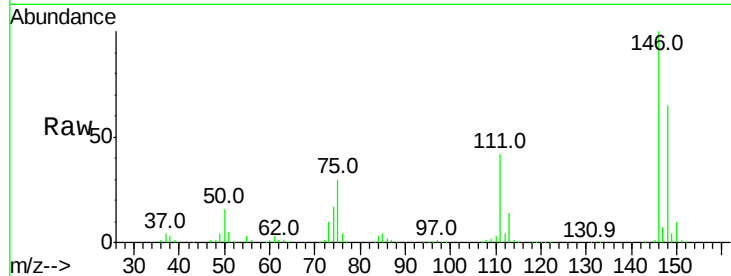
Tot Ion:146 Resp: 569506

Ion Ratio Lower Upper

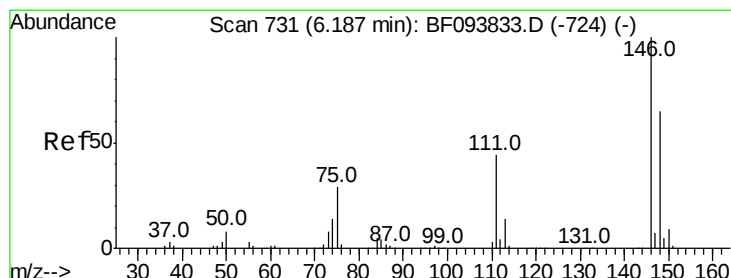
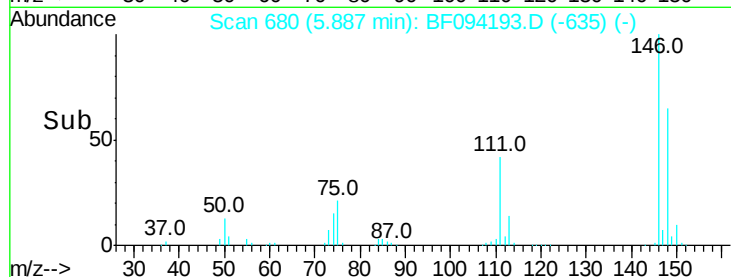
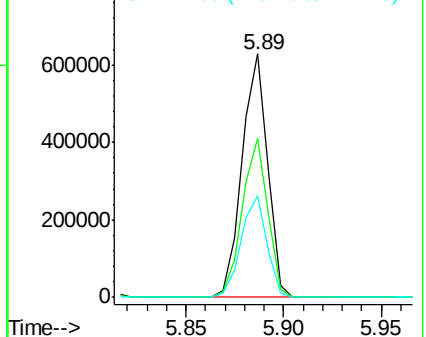
146 100

148 65.2 52.2 78.2

111 41.8 30.3 45.5



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



#14

1,2-Dichlorobenzene

Concen: 46.93 ng

RT: 6.06 min Scan# 710

Delta R.T. -0.04 min

Lab File: BF094193.D

Acq: 5 Apr 2017 17:01

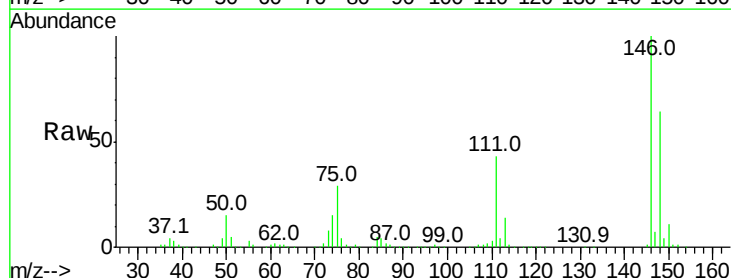
Tgt Ion:146 Resp: 532063

Ion Ratio Lower Upper

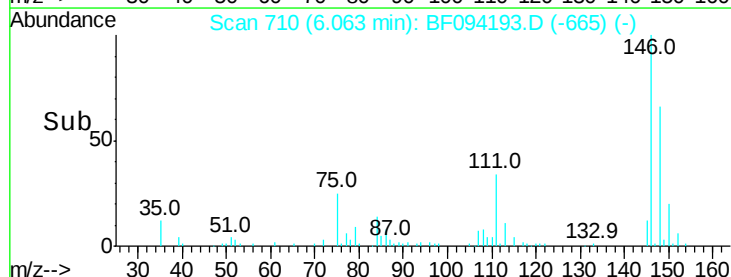
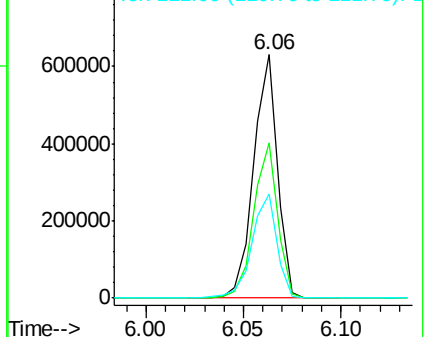
146 100

148 63.9 50.4 75.6

111 42.7 38.2 57.4



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





#15

Benzyl Alcohol

Concen: 49.87 ng

RT: 6.04 min Scan# 706

Delta R.T. -0.04 min

Lab File: BF094193.D

Acq: 5 Apr 2017 17:01

Instrument :

BNA_F

ClientSampleId :

CEMETERY-3(0-7)MSD

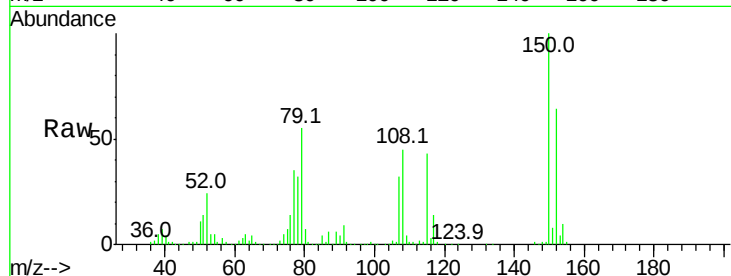
Tot Ion: 79 Resp: 445101

Ion Ratio Lower Upper

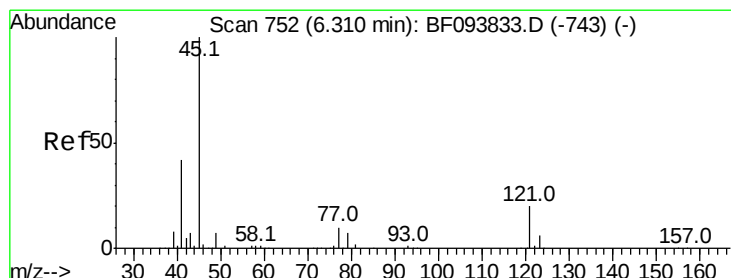
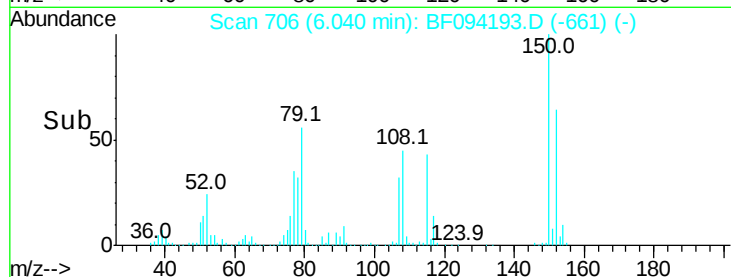
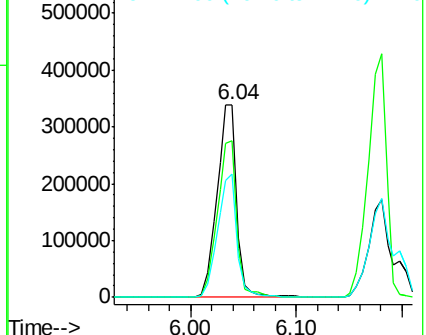
79 100

108 81.4 63.4 95.0

77 63.8 49.2 73.8



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 42.29 ng

RT: 6.20 min Scan# 733

Delta R.T. -0.03 min

Lab File: BF094193.D

Acq: 5 Apr 2017 17:01

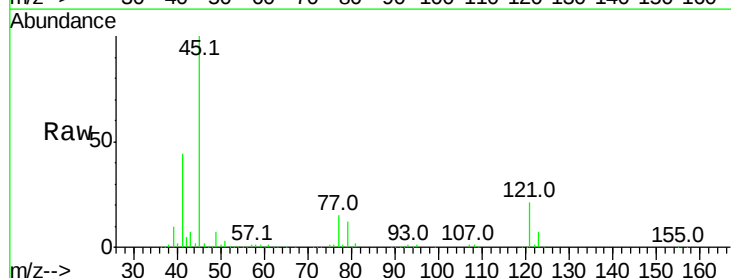
Tgt Ion: 45 Resp: 706787

Ion Ratio Lower Upper

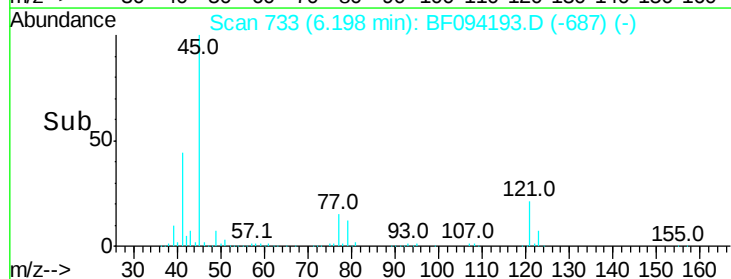
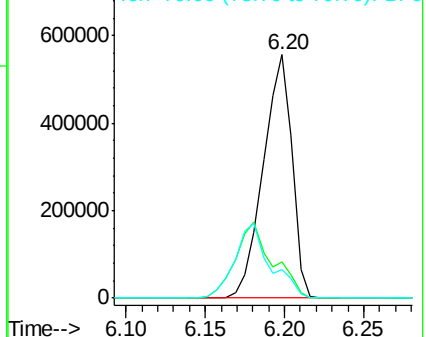
45 100

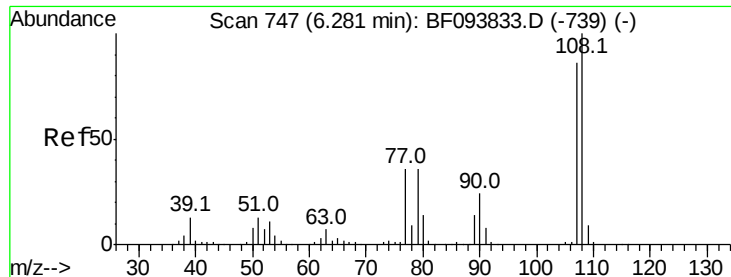
77 14.6 0.0 33.2

79 11.7 0.0 30.0



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

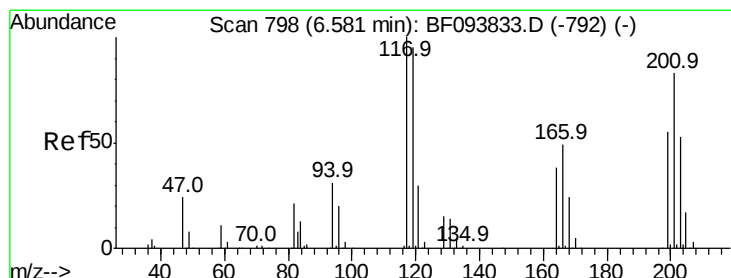
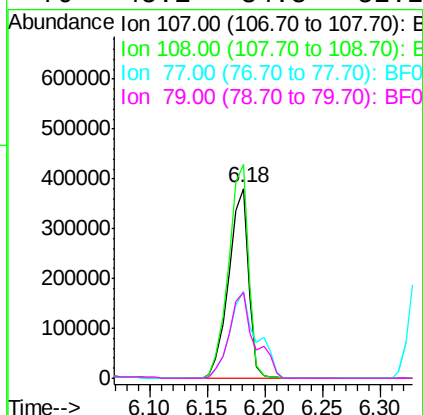
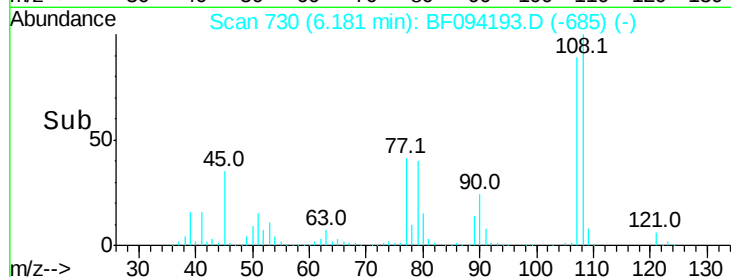
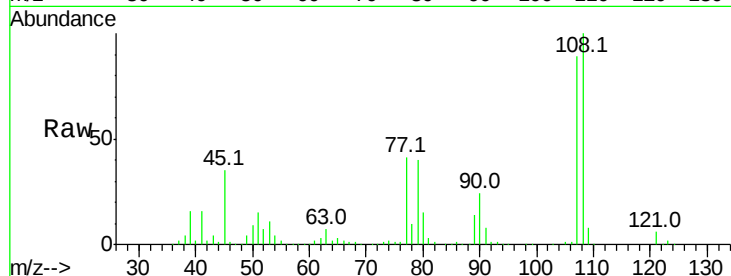




#17
2-Methylphenol
Concen: 49.01 ng
RT: 6.18 min Scan# 730
Delta R.T. -0.04 min
Lab File: BF094193.D
Acq: 5 Apr 2017 17:01

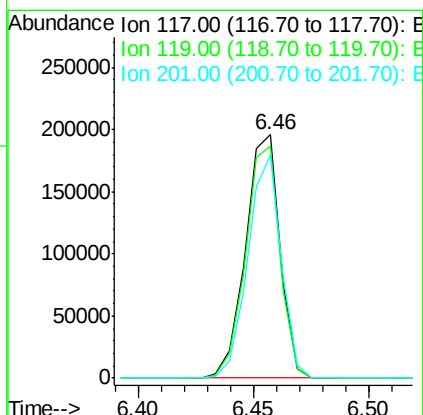
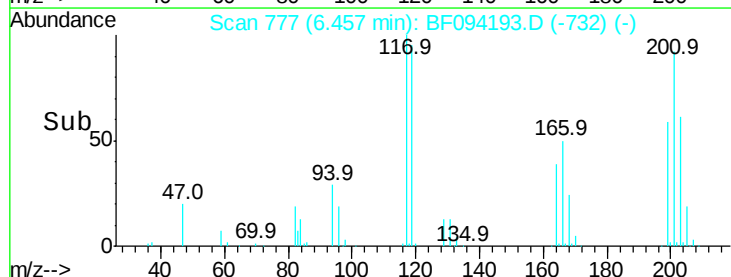
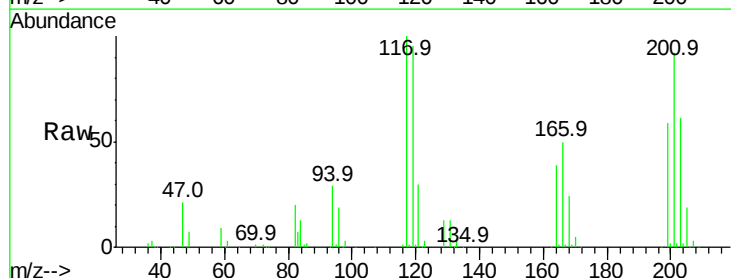
Instrument :
BNA_F
ClientSampleId :
CEMETERY-3(0-7)MSD

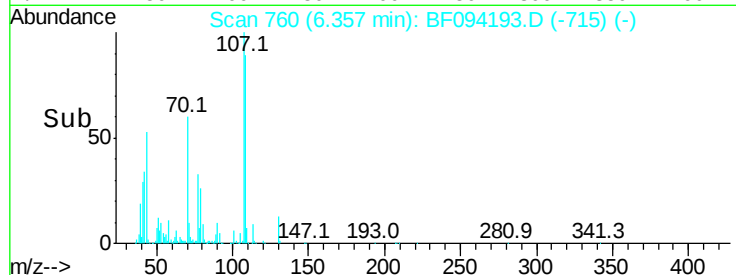
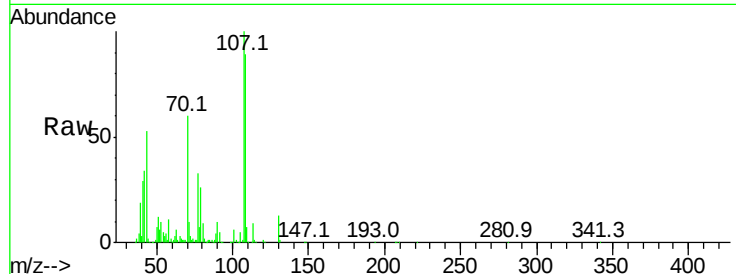
Tot Ion:107 Resp: 454830
Ion Ratio Lower Upper
107 100
108 112.5 93.4 140.0
77 45.6 35.8 53.6
79 45.1 34.8 52.2



#18
Hexachloroethane
Concen: 47.19 ng
RT: 6.46 min Scan# 777
Delta R.T. -0.04 min
Lab File: BF094193.D
Acq: 5 Apr 2017 17:01

Tgt Ion:117 Resp: 204179
Ion Ratio Lower Upper
117 100
119 95.4 77.4 116.0
201 91.7 94.6 141.8#





#19

n-Nitroso-di-n-propylamine

Concen: 47.38 ng

RT: 6.36 min Scan# 760

Delta R.T. -0.04 min

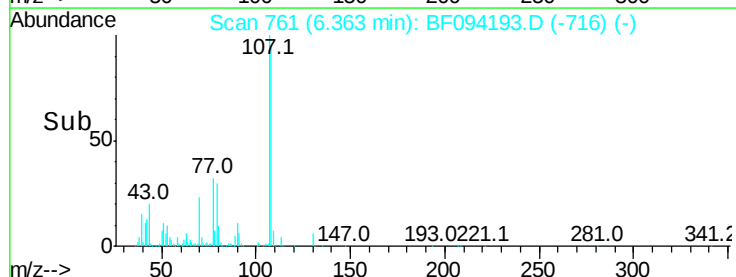
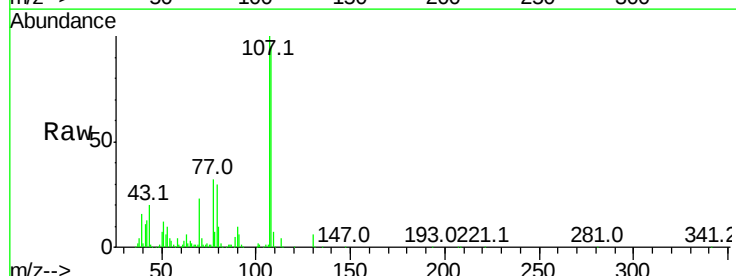
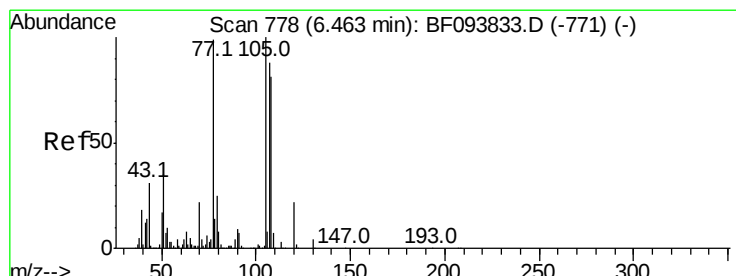
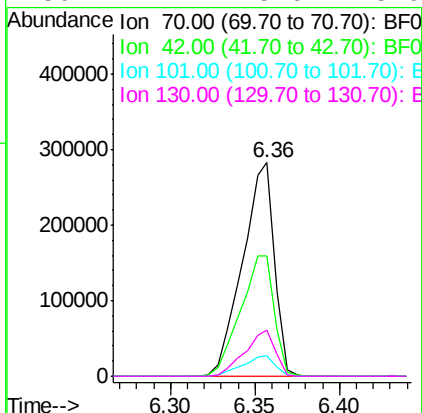
Lab File: BF094193.D

Acq: 5 Apr 2017 17:01

Instrument :
BNA_F
ClientSampleId :
CEMETERY-3(0-7)MSD

Tot Ion: 70 Resp: 371345

Ion	Ratio	Lower	Upper
70	100		
42	56.6	47.2	70.8
101	9.8	7.2	10.8
130	21.7	15.9	23.9



#20

3+4-Methylphenols

Concen: 50.52 ng

RT: 6.36 min Scan# 761

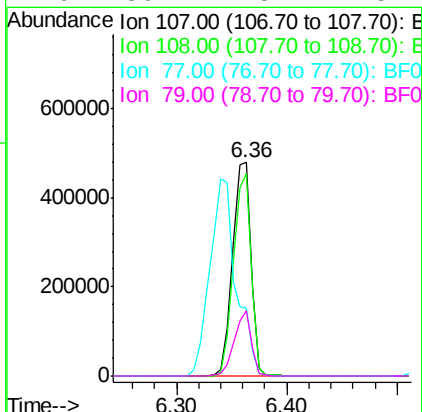
Delta R.T. -0.04 min

Lab File: BF094193.D

Acq: 5 Apr 2017 17:01

Tgt Ion: 107 Resp: 567822

Ion	Ratio	Lower	Upper
107	100		
108	94.8	71.0	111.0
77	32.0	90.5	130.5#
79	30.4	8.4	48.4

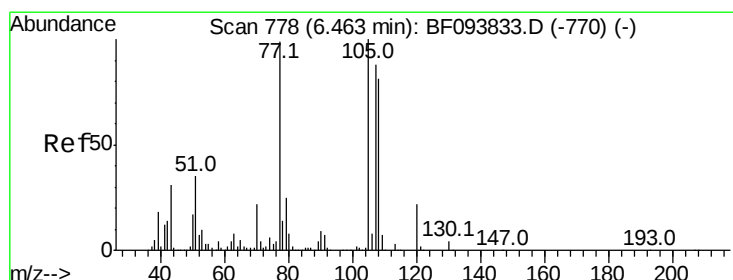
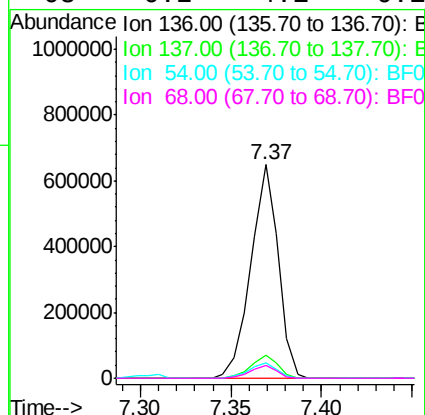
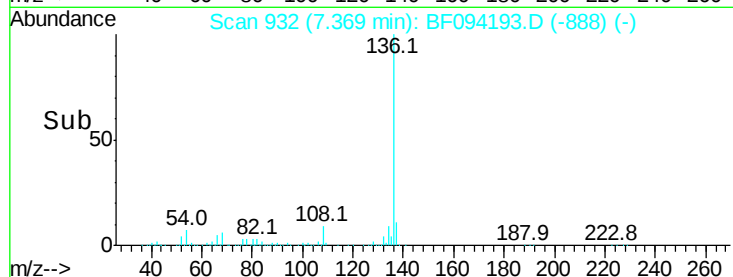
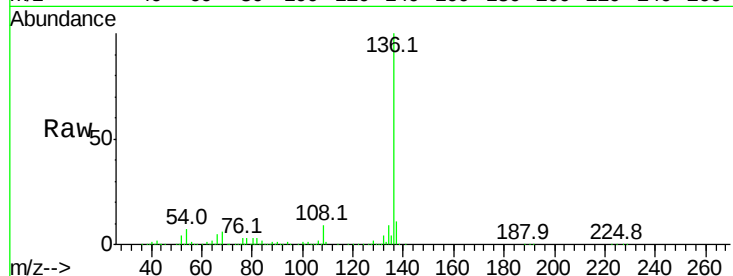




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.37 min Scan# 932
Delta R.T. -0.04 min
Lab File: BF094193.D
Acq: 5 Apr 2017 17:01

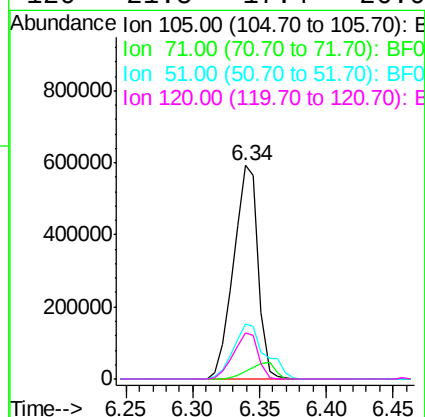
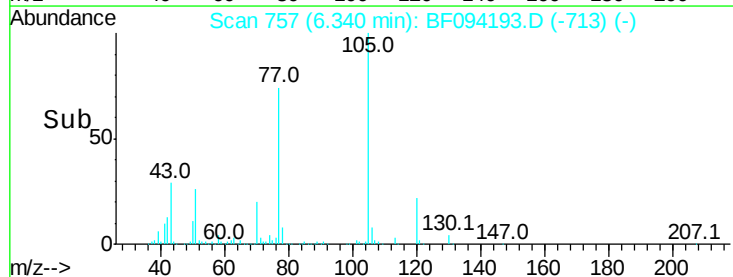
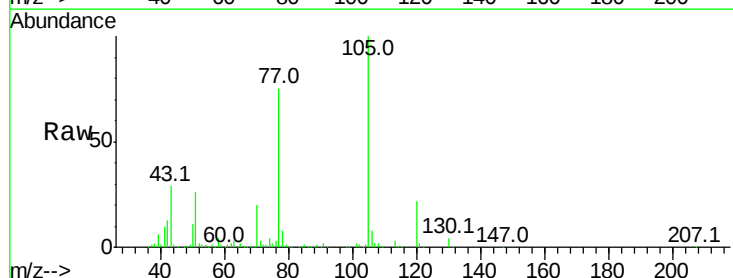
Instrument :
BNA_F
ClientSampleId :
CEMETERY-3(0-7)MSD

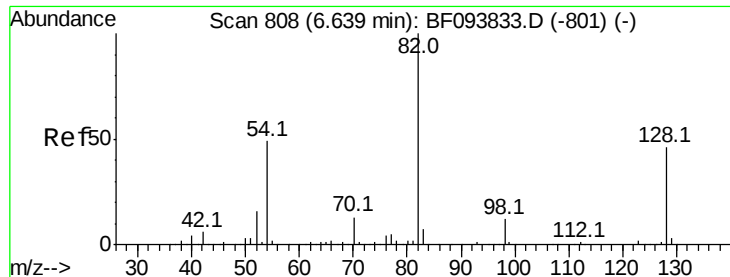
Tot Ion:136	Resp: 680954
Ion Ratio	Lower Upper
136 100	
137 10.8	8.5 12.7
54 7.3	4.9 7.3
68 6.2	4.1 6.1#



#22
Acetophenone
Concen: 50.28 ng
RT: 6.34 min Scan# 757
Delta R.T. -0.04 min
Lab File: BF094193.D
Acq: 5 Apr 2017 17:01

Tgt	Ion:105	Resp:	763012
Ion	Ratio	Lower	Upper
105	100		
71	3.5	2.8	4.2
51	25.7	30.7	46.1#
120	21.5	17.4	26.0



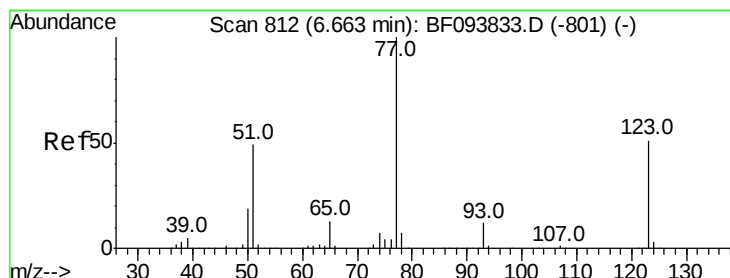
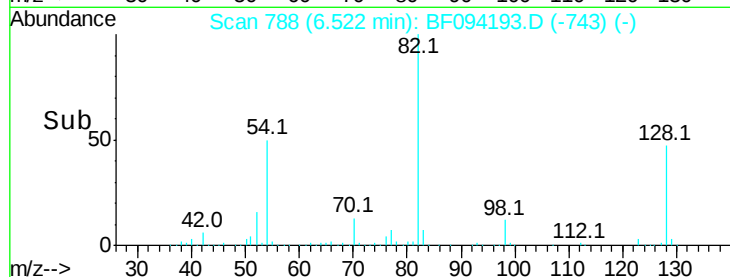
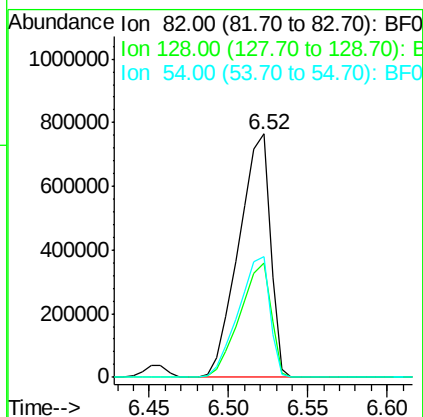
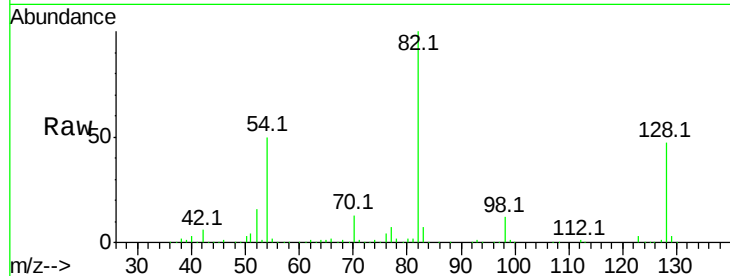


#23
 Nitrobenzene-d5
 Concen: 88.48 ng
 RT: 6.52 min Scan# 788
 Delta R.T. -0.04 min
 Lab File: BF094193.D
 Acq: 5 Apr 2017 17:01

Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-3(0-7)MSD

Tot Ion: 82 Resp: 1055725

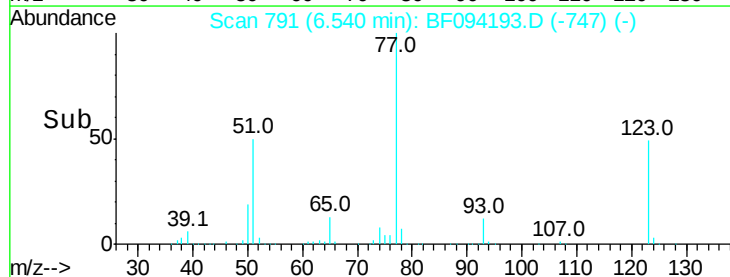
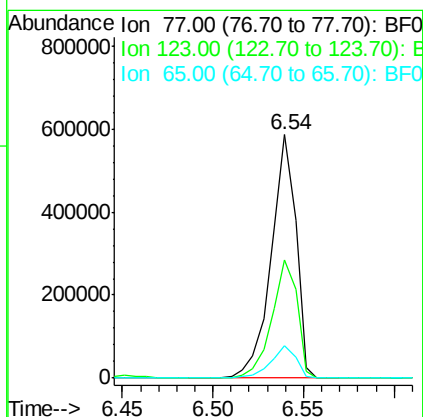
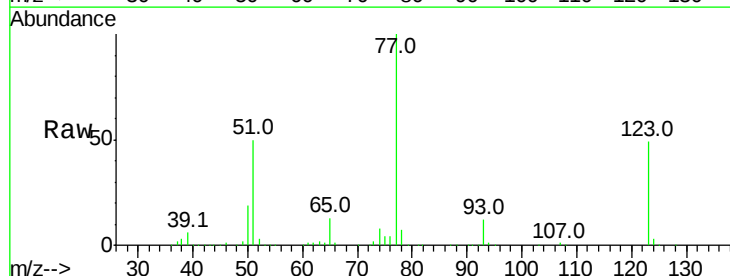
Ion	Ratio	Lower	Upper
82	100		
128	47.1	34.0	51.0
54	49.6	42.2	63.2

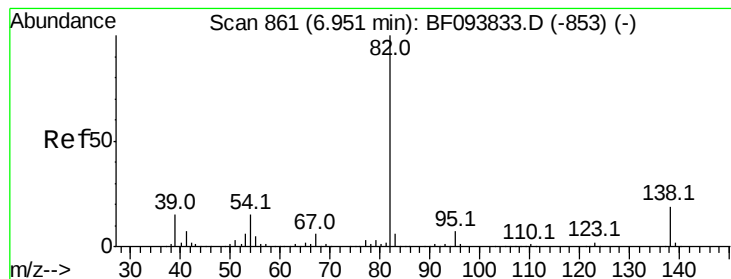


#24
 Nitrobenzene
 Concen: 47.42 ng
 RT: 6.54 min Scan# 791
 Delta R.T. -0.04 min
 Lab File: BF094193.D
 Acq: 5 Apr 2017 17:01

Tgt Ion: 77 Resp: 558049

Ion	Ratio	Lower	Upper
77	100		
123	48.8	35.8	53.8
65	13.2	10.6	15.8





#25

Isophorone

Concen: 48.31 ng

RT: 6.83 min Scan# 840

Delta R.T. -0.04 min

Lab File: BF094193.D

Acq: 5 Apr 2017 17:01

Instrument :

BNA_F

ClientSampleId :

CEMETERY-3(0-7)MSD

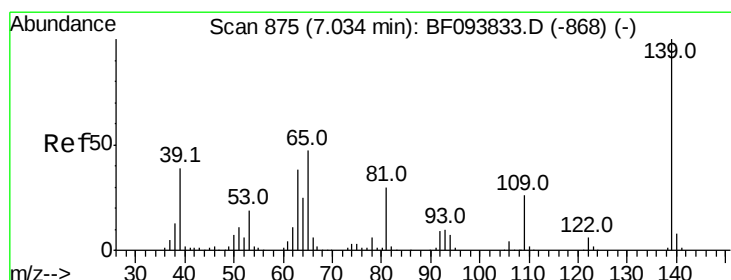
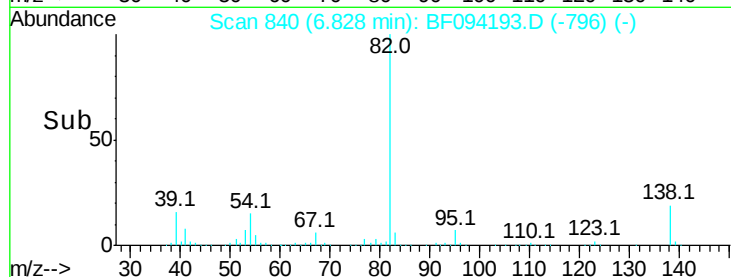
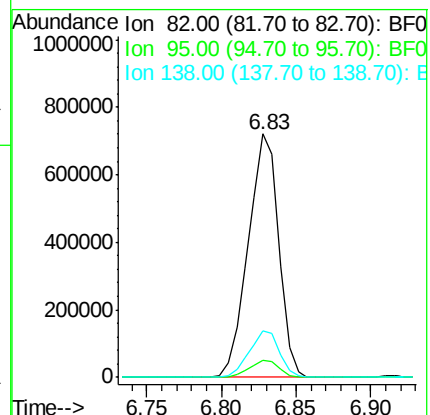
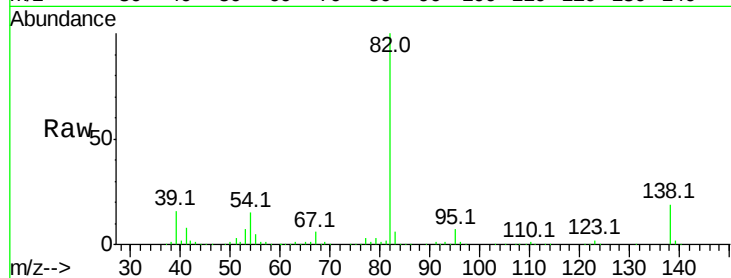
Tot Ion: 82 Resp: 1012909

Ion Ratio Lower Upper

82 100

95 7.0 5.3 7.9

138 18.9 13.1 19.7



#26

2-Nitrophenol

Concen: 55.41 ng

RT: 6.92 min Scan# 855

Delta R.T. -0.04 min

Lab File: BF094193.D

Acq: 5 Apr 2017 17:01

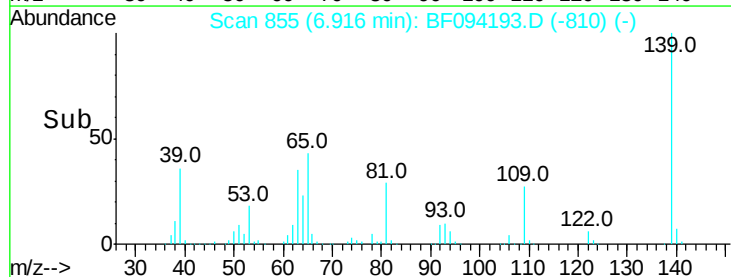
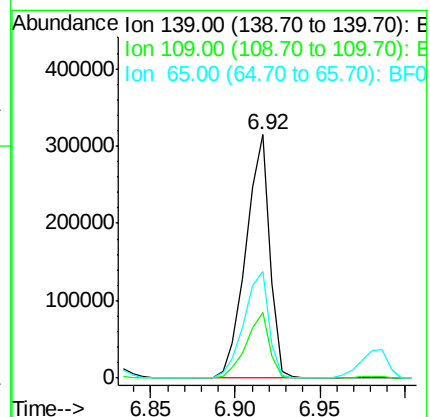
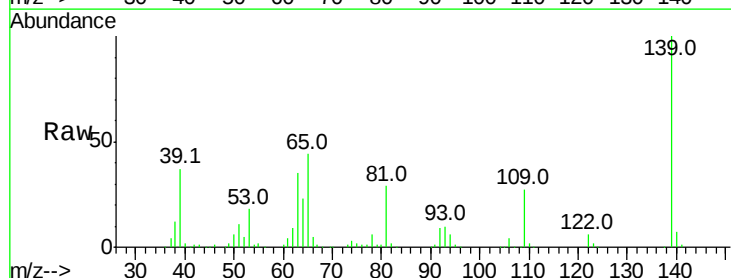
Tgt Ion:139 Resp: 310946

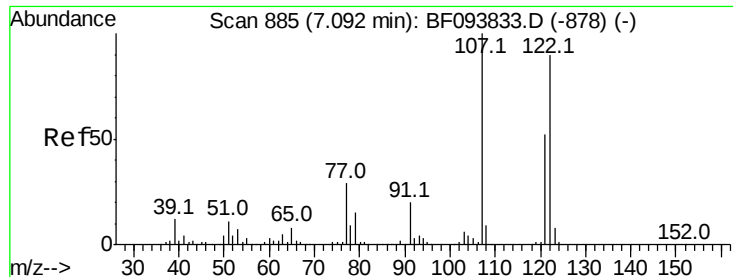
Ion Ratio Lower Upper

139 100

109 26.8 21.0 31.6

65 43.6 33.0 49.6

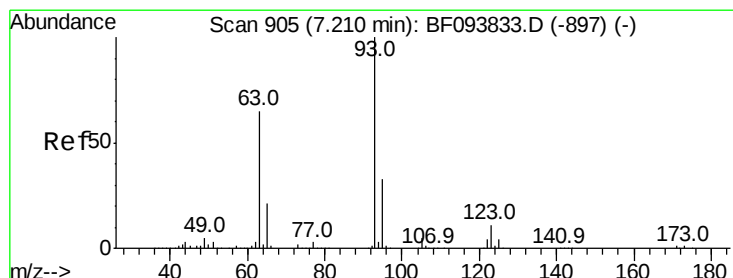
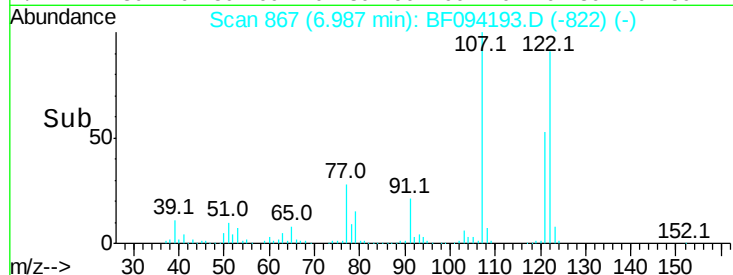
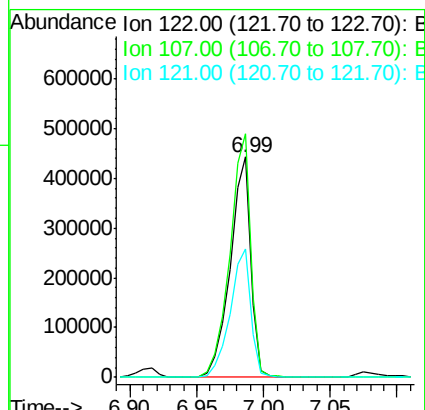
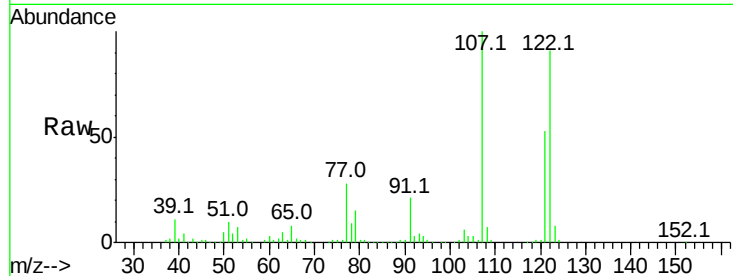




#27
2,4-Dimethylphenol
Concen: 50.04 ng
RT: 6.99 min Scan# 867
Delta R.T. -0.04 min
Lab File: BF094193.D
Acq: 5 Apr 2017 17:01

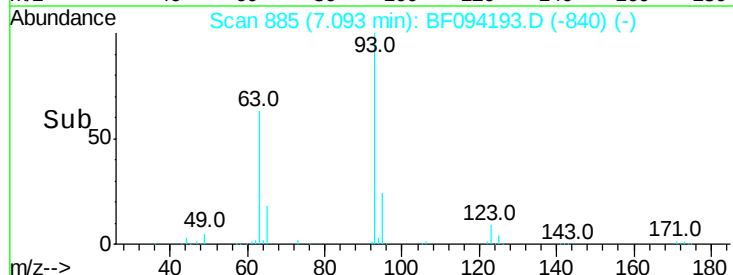
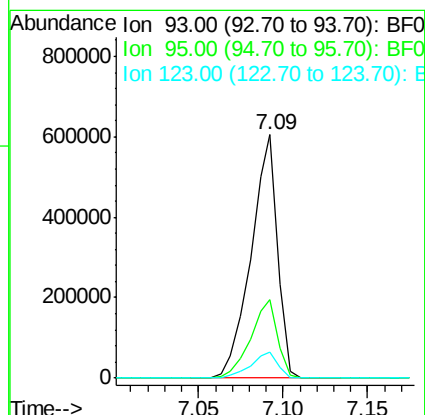
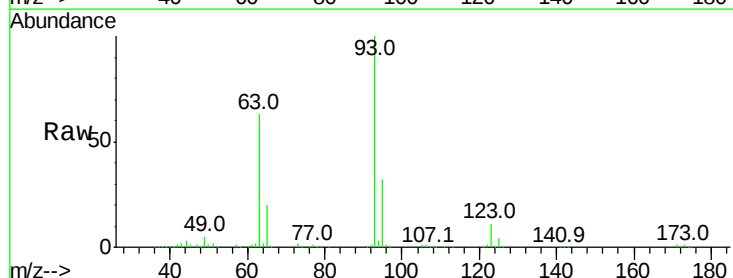
Instrument :
BNA_F
ClientSampleId :
CEMETERY-3(0-7)MSD

Tot Ion:122 Resp: 483852
Ion Ratio Lower Upper
122 100
107 110.5 89.2 133.8
121 58.1 45.2 67.8



#28
bis(2-Chloroethoxy)methane
Concen: 47.83 ng
RT: 7.09 min Scan# 885
Delta R.T. -0.04 min
Lab File: BF094193.D
Acq: 5 Apr 2017 17:01

Tgt Ion: 93 Resp: 661257
Ion Ratio Lower Upper
93 100
95 32.2 26.5 39.7
123 10.9 9.0 13.4

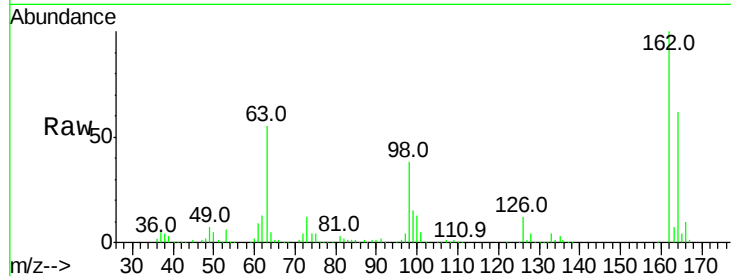




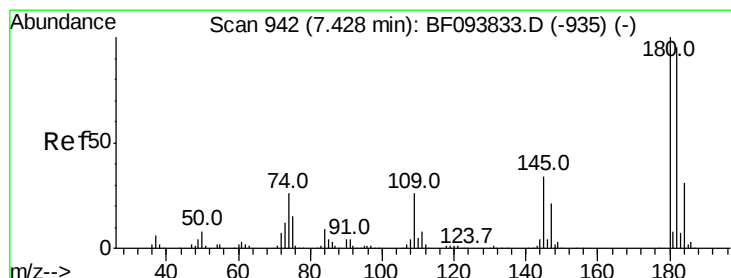
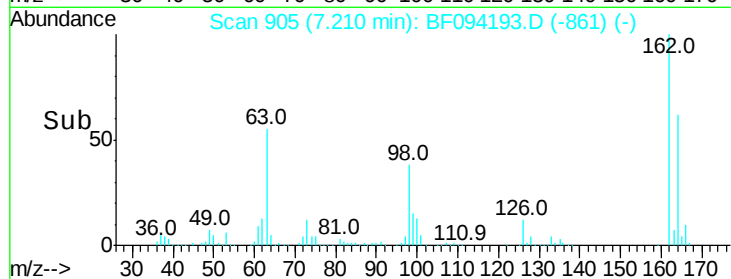
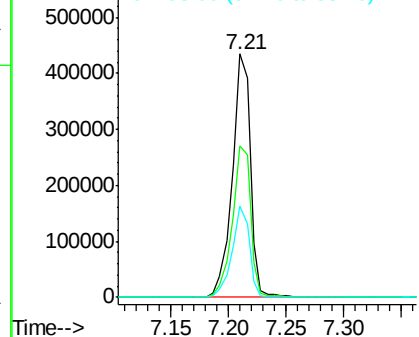
#29
 2,4-Dichlorophenol
 Concen: 52.19 ng
 RT: 7.21 min Scan# 905
 Delta R.T. -0.04 min
 Lab File: BF094193.D
 Acq: 5 Apr 2017 17:01

Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-3(0-7)MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.2	44.6	84.6
98	37.5	14.8	54.8

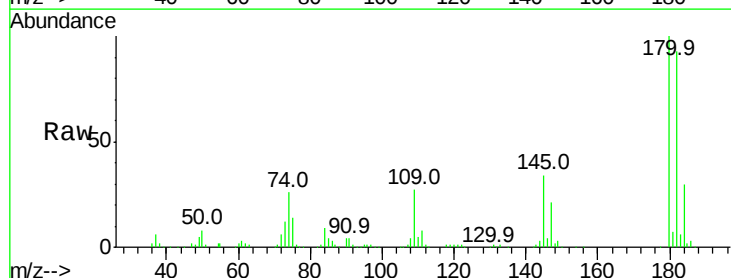


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

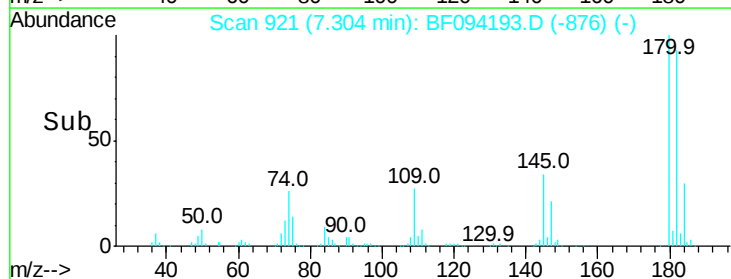
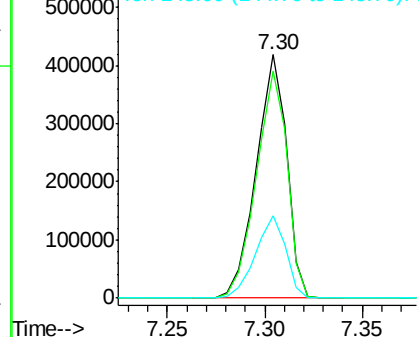


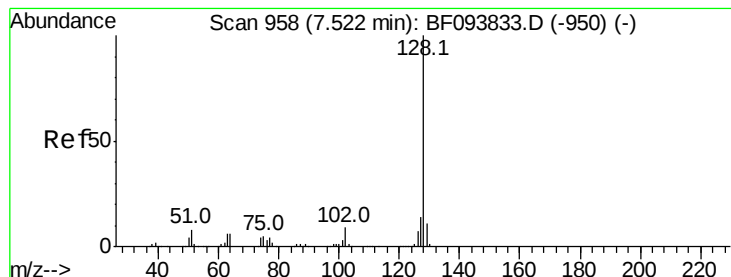
#30
 1,2,4-Trichlorobenzene
 Concen: 48.60 ng
 RT: 7.30 min Scan# 921
 Delta R.T. -0.04 min
 Lab File: BF094193.D
 Acq: 5 Apr 2017 17:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.4	75.8	113.6
145	33.7	25.3	37.9



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 46.77 ng

RT: 7.40 min Scan# 937

Delta R.T. -0.04 min

Lab File: BF094193.D

Acq: 5 Apr 2017 17:01

Instrument :

BNA_F

ClientSampleId :

CEMETERY-3(0-7)MSD

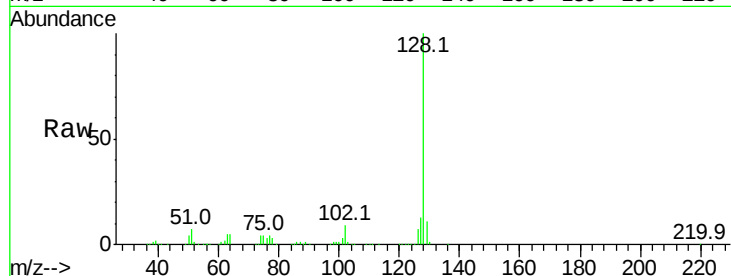
Tot Ion:128 Resp: 1531490

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.6

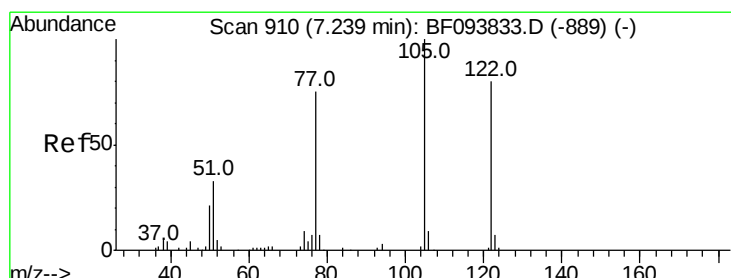
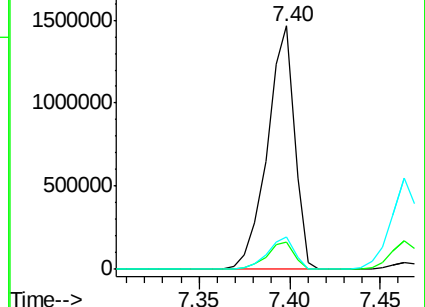
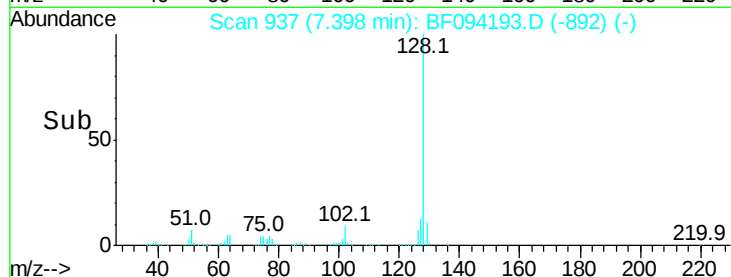
127 13.3 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 2.52 ng

RT: 7.07 min Scan# 882

Delta R.T. -0.11 min

Lab File: BF094193.D

Acq: 5 Apr 2017 17:01

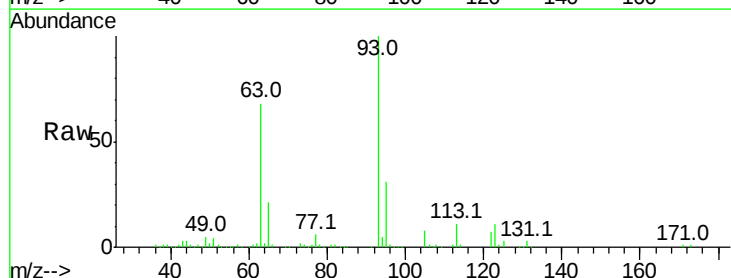
Tgt Ion:122 Resp: 16197

Ion Ratio Lower Upper

122 100

105 115.3 103.3 143.3

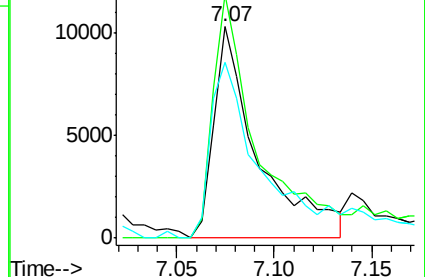
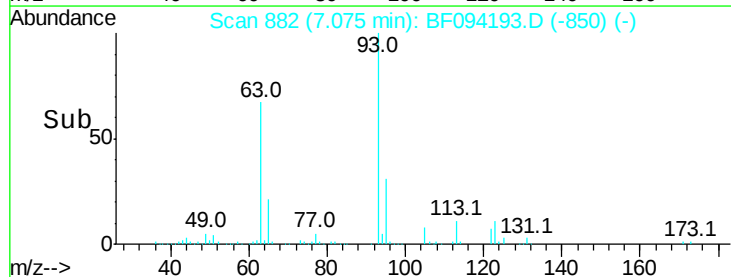
77 83.2 73.7 113.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

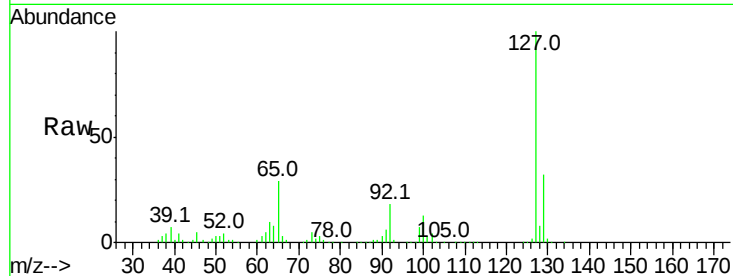




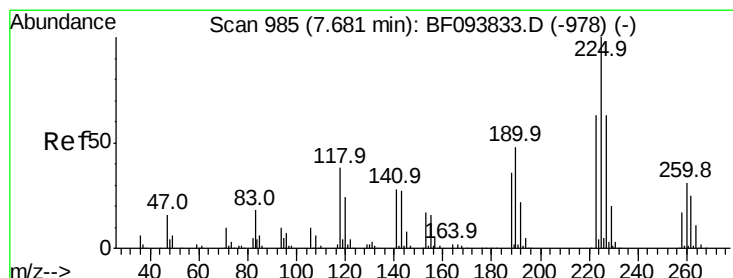
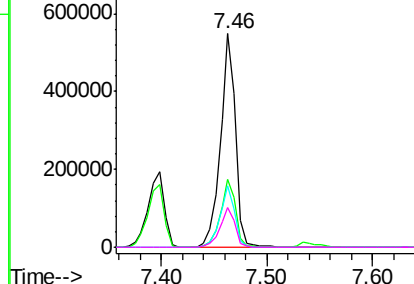
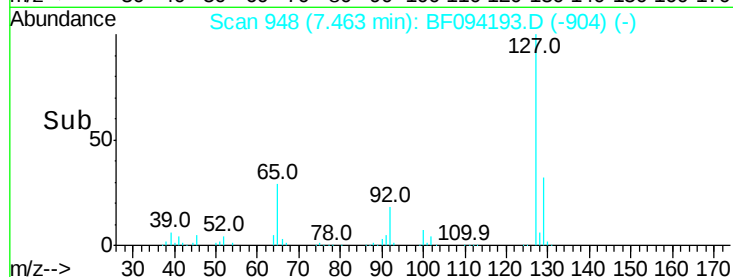
#33
4-Chloroaniline
Concen: 41.73 ng
RT: 7.46 min Scan# 948
Delta R.T. -0.04 min
Lab File: BF094193.D
Acq: 5 Apr 2017 17:01

Instrument :
BNA_F
ClientSampleId :
CEMETERY-3(0-7)MSD

Tot Ion:	127	Resp:	553843
Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.2	39.2
65	28.7	27.8	41.8
92	18.5	16.8	25.2

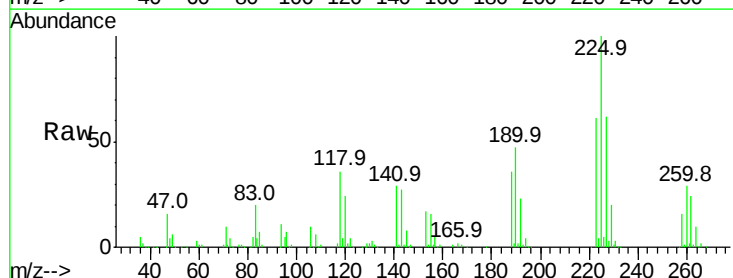


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

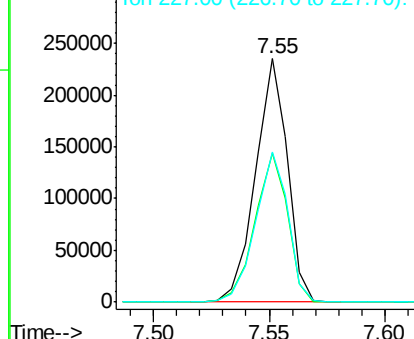
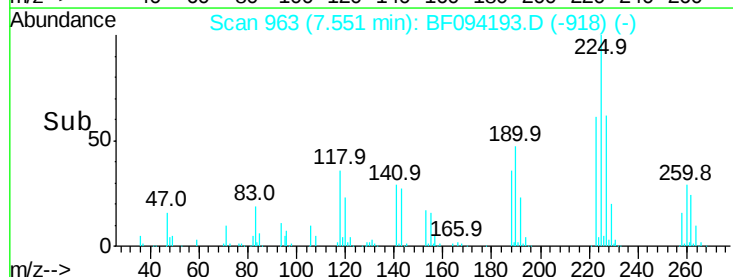


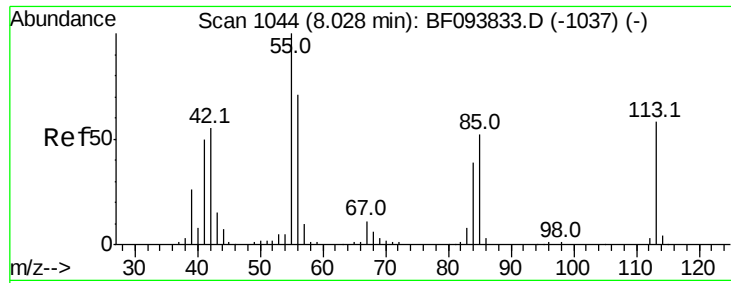
#34
Hexachlorobutadiene
Concen: 47.48 ng
RT: 7.55 min Scan# 963
Delta R.T. -0.04 min
Lab File: BF094193.D
Acq: 5 Apr 2017 17:01

Tgt Ion:	225	Resp:	226738
Ion	Ratio	Lower	Upper
225	100		
223	61.2	48.8	73.2
227	61.8	51.1	76.7



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

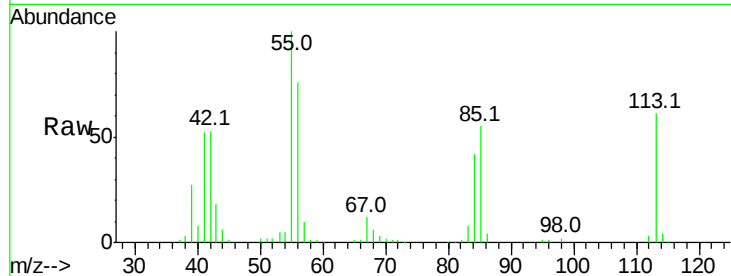




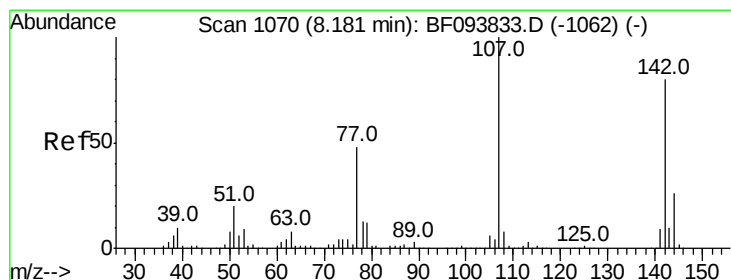
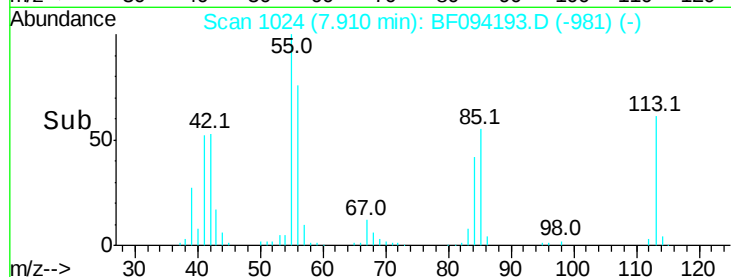
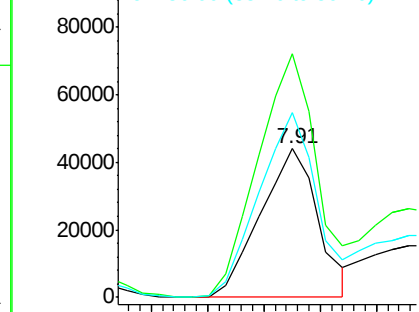
#35
 Caprolactam
 Concen: 21.58 ng
 RT: 7.91 min Scan# 1024
 Delta R.T. -0.05 min
 Lab File: BF094193.D
 Acq: 5 Apr 2017 17:01

Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-3(0-7)MSD

Tot Ion:113 Resp: 62228
 Ion Ratio Lower Upper
 113 100
 55 163.7 150.2 190.2
 56 124.2 107.8 147.8

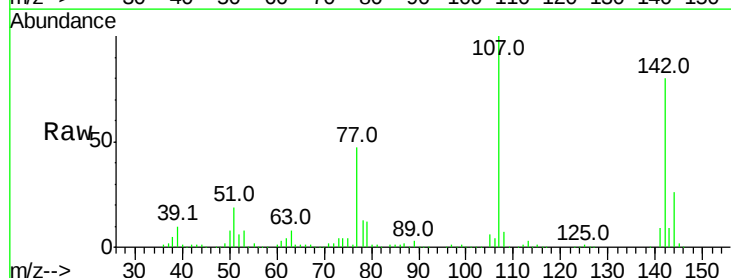


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

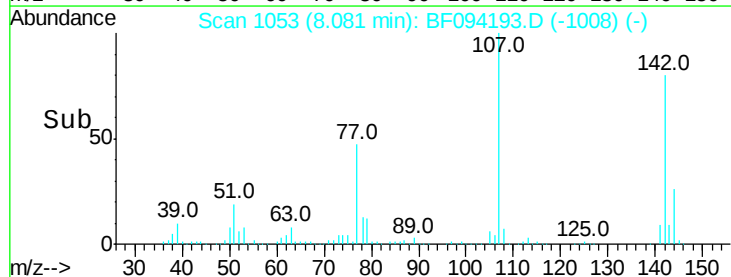
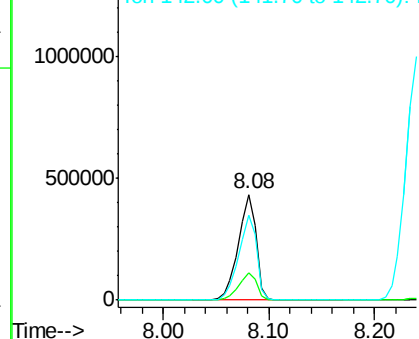


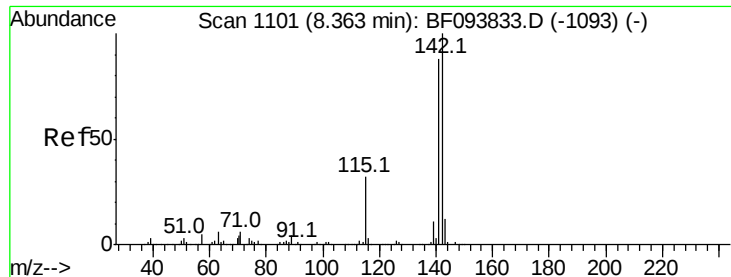
#36
 4-Chloro-3-methylphenol
 Concen: 53.09 ng
 RT: 8.08 min Scan# 1053
 Delta R.T. -0.04 min
 Lab File: BF094193.D
 Acq: 5 Apr 2017 17:01

Tgt Ion:107 Resp: 501594
 Ion Ratio Lower Upper
 107 100
 144 25.9 24.2 36.4
 142 80.3 73.4 110.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 48.53 ng

RT: 8.24 min Scan# 1080

Delta R.T. -0.04 min

Lab File: BF094193.D

Acq: 5 Apr 2017 17:01

Instrument :

BNA_F

ClientSampleId :

CEMETERY-3(0-7)MSD

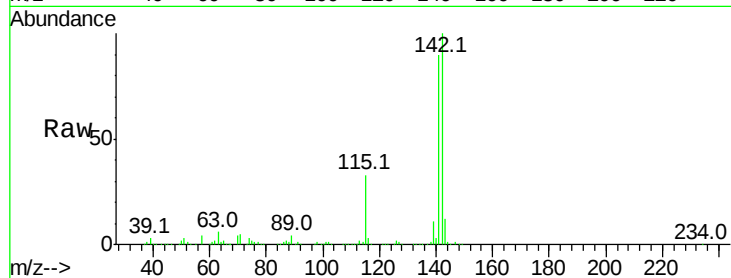
Tot Ion:142 Resp: 1059282

Ion Ratio Lower Upper

142 100

141 90.0 71.3 106.9

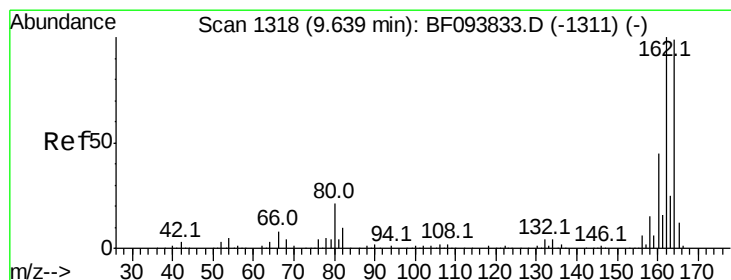
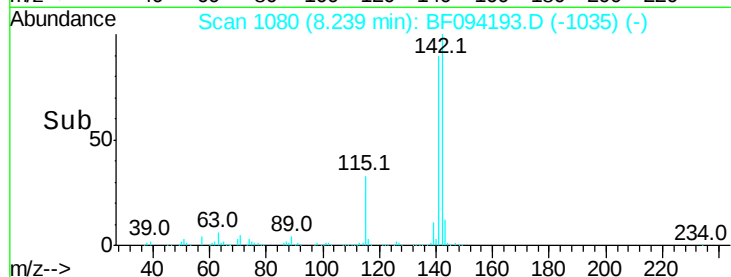
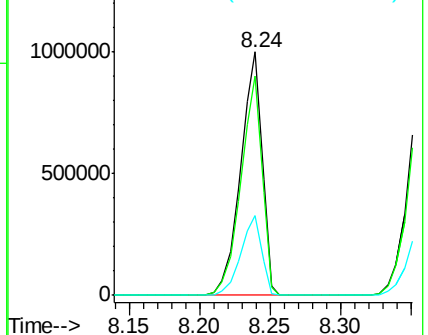
115 32.6 27.1 40.7



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: 20.00 ng

RT: 9.51 min Scan# 1296

Delta R.T. -0.04 min

Lab File: BF094193.D

Acq: 5 Apr 2017 17:01

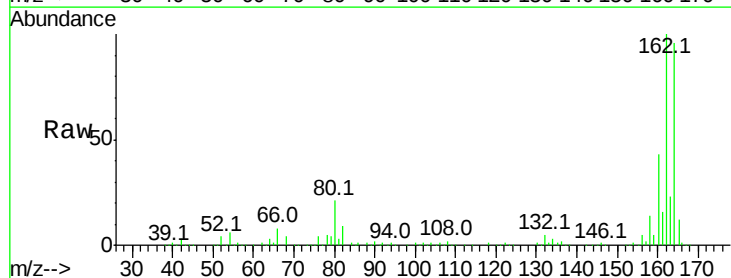
Tgt Ion:164 Resp: 306717

Ion Ratio Lower Upper

164 100

162 104.0 82.6 123.8

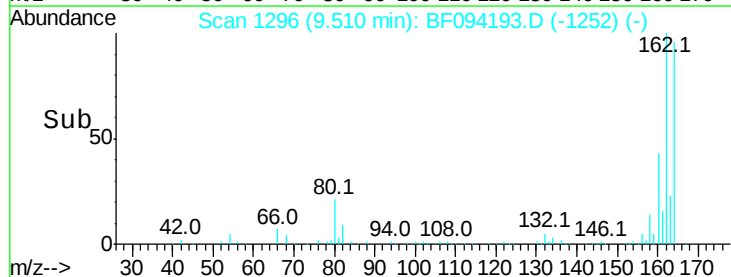
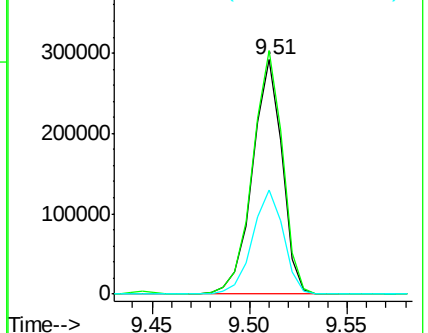
160 44.3 36.2 54.2



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

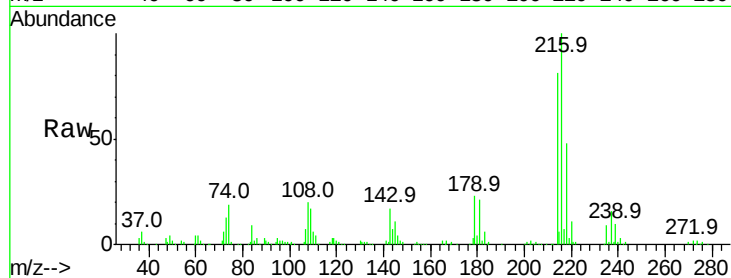




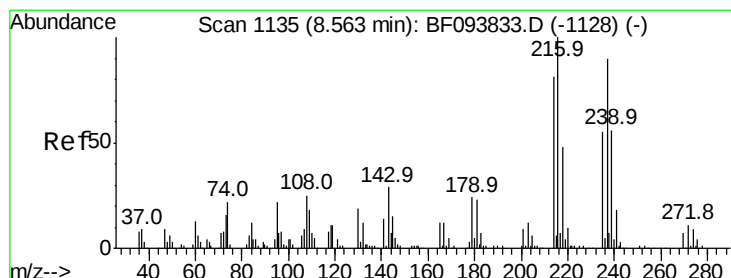
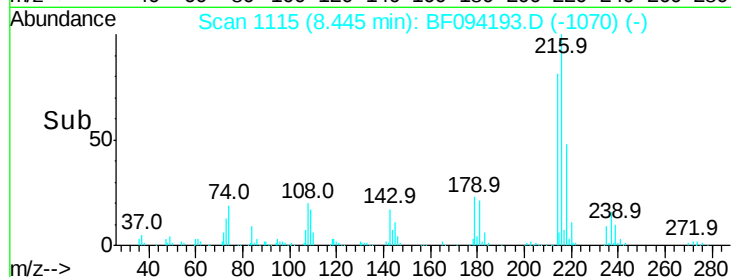
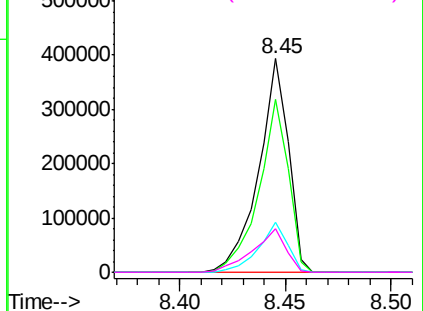
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.07 ng
 RT: 8.45 min Scan# 1115
 Delta R.T. -0.04 min
 Lab File: BF094193.D
 Acq: 5 Apr 2017 17:01

Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-3(0-7)MSD

Tot Ion:	216	Resp:	386560
Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.4	95.2
179	22.6	17.9	26.9
108	22.6	16.5	24.7

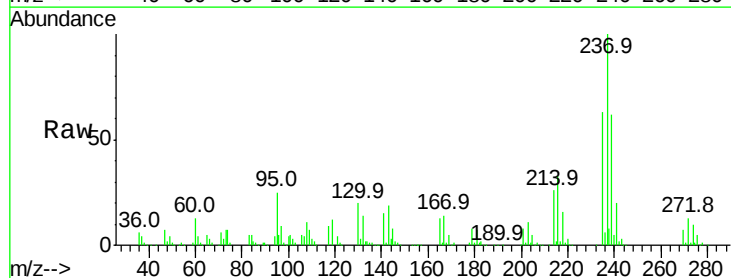


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

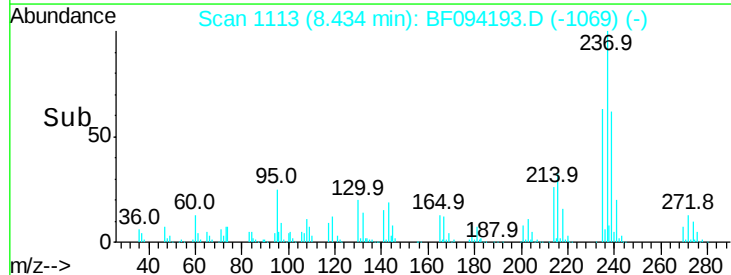
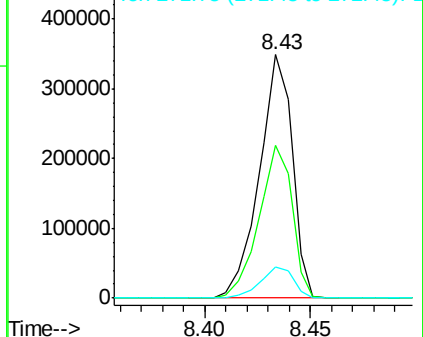


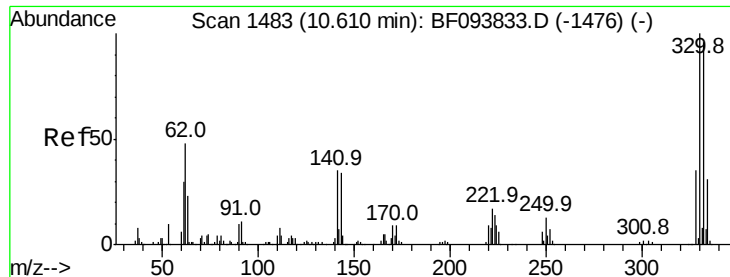
#40
 Hexachlorocyclopentadiene
 Concen: 96.48 ng
 RT: 8.43 min Scan# 1113
 Delta R.T. -0.04 min
 Lab File: BF094193.D
 Acq: 5 Apr 2017 17:01

Tgt Ion:	237	Resp:	378809
Ion	Ratio	Lower	Upper
237	100		
235	63.0	42.6	82.6
272	12.9	0.0	31.9



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

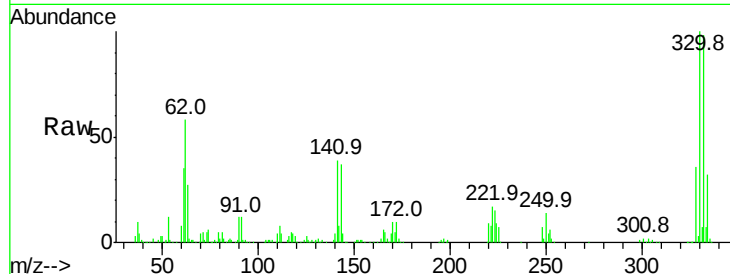




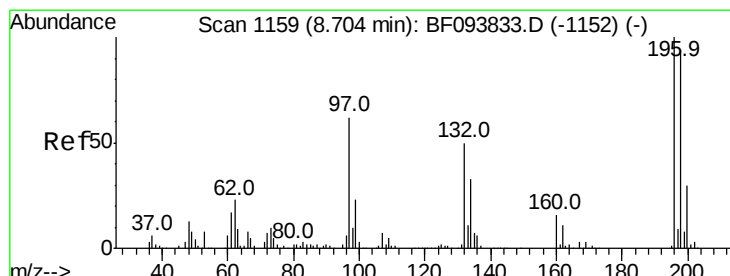
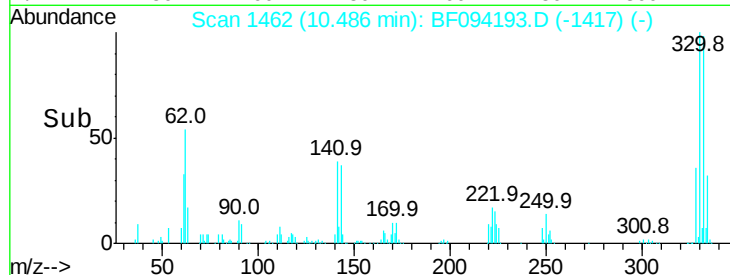
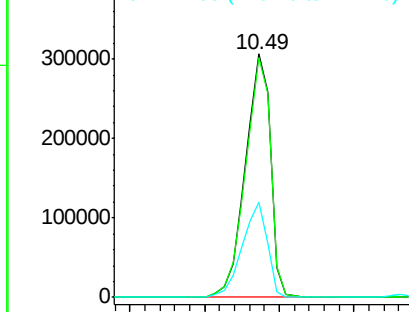
#41
 2,4,6-Tribromophenol
 Concen: 146.60 ng
 RT: 10.49 min Scan# 1462
 Delta R.T. -0.04 min
 Lab File: BF094193.D
 Acq: 5 Apr 2017 17:01

Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-3(0-7)MSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.8	76.6	115.0
141	39.1	31.4	47.2

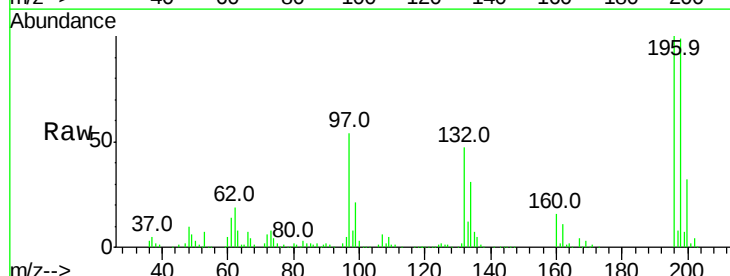


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

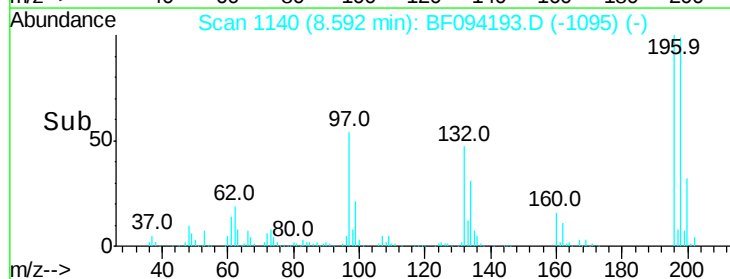
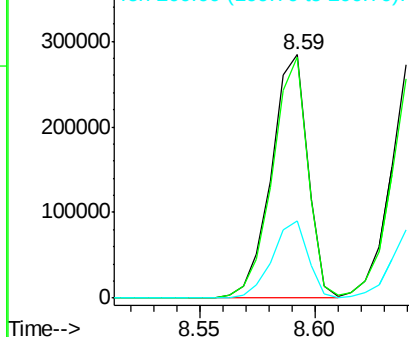


#42
 2,4,6-Trichlorophenol
 Concen: 52.52 ng
 RT: 8.59 min Scan# 1140
 Delta R.T. -0.04 min
 Lab File: BF094193.D
 Acq: 5 Apr 2017 17:01

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.0	74.2	111.4
200	32.0	24.0	36.0



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

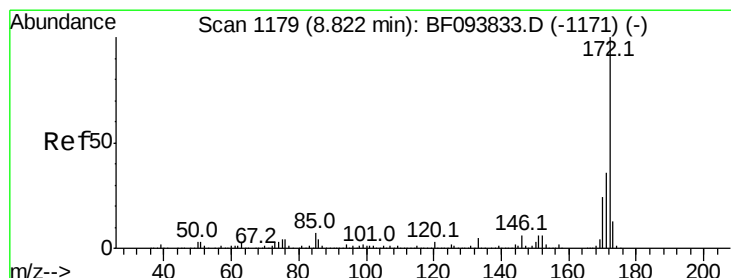
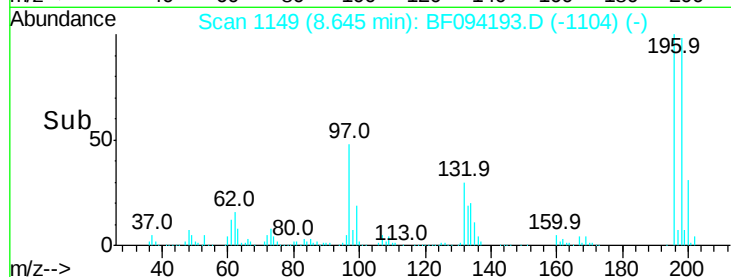
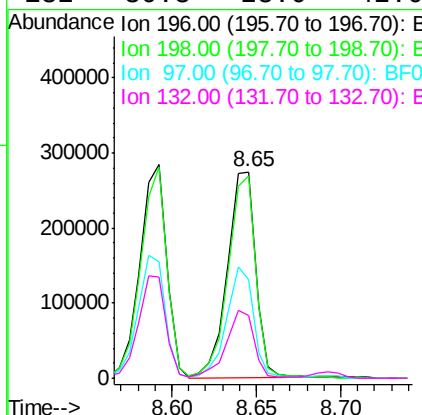
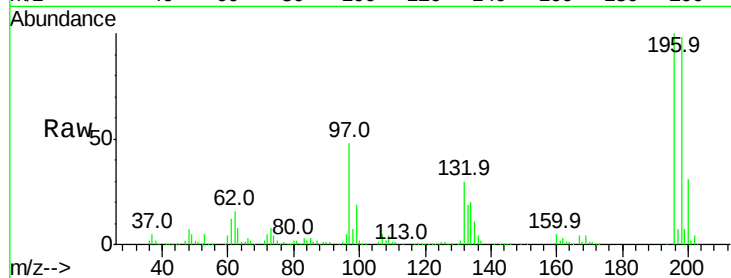




#43
 2,4,5-Trichlorophenol
 Concen: 49.82 ng
 RT: 8.65 min Scan# 1149
 Delta R.T. -0.04 min
 Lab File: BF094193.D
 Acq: 5 Apr 2017 17:01

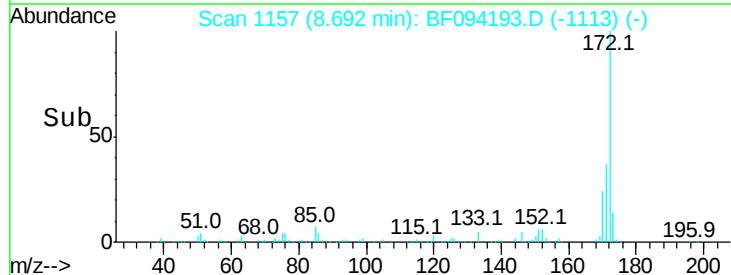
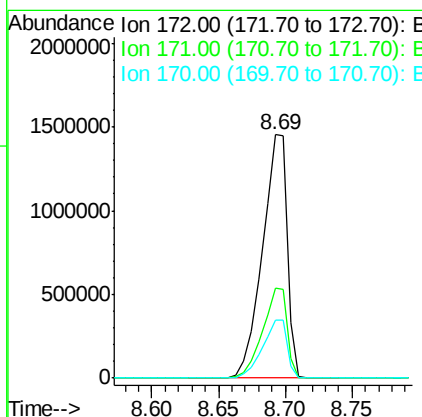
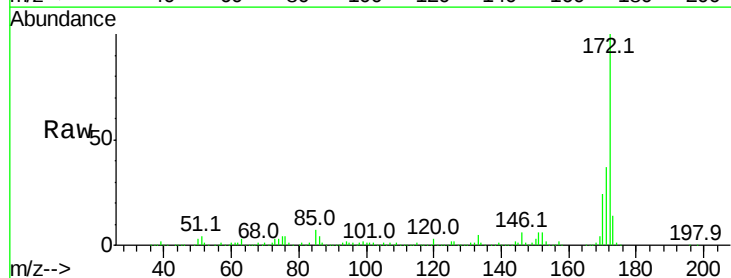
Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-3(0-7)MSD

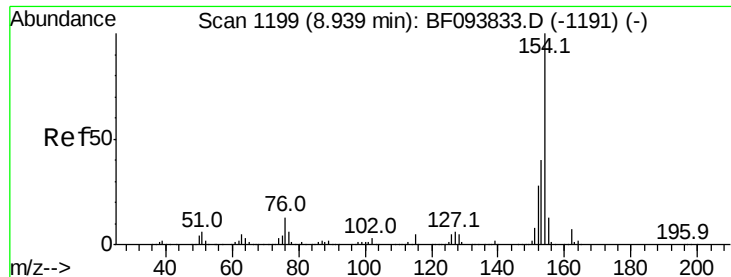
Tot Ion:	196	Resp:	320027
Ion	Ratio	Lower	Upper
196	100		
198	97.9	75.7	113.5
97	47.8	47.7	71.5
132	30.3	28.0	42.0



#44
 2-Fluorobiphenyl
 Concen: 92.71 ng
 RT: 8.69 min Scan# 1157
 Delta R.T. -0.04 min
 Lab File: BF094193.D
 Acq: 5 Apr 2017 17:01

Tgt Ion:	172	Resp:	1864285
Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	23.9	19.8	29.8





#45

1,1'-Biphenyl

Concen: 47.83 ng

RT: 8.82 min Scan# 1178

Delta R.T. -0.04 min

Lab File: BF094193.D

Acq: 5 Apr 2017 17:01

Instrument :

BNA_F

ClientSampleId :

CEMETERY-3(0-7)MSD

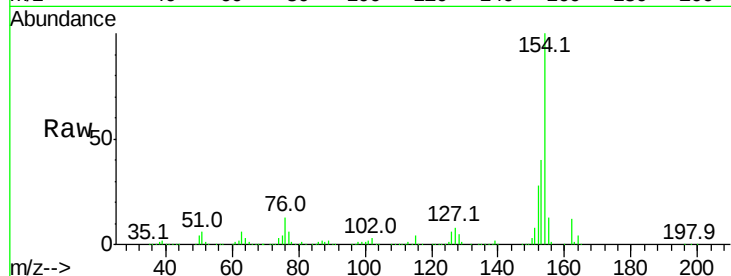
Tot Ion:154 Resp: 1183389

Ion Ratio Lower Upper

154 100

153 40.3 21.2 61.2

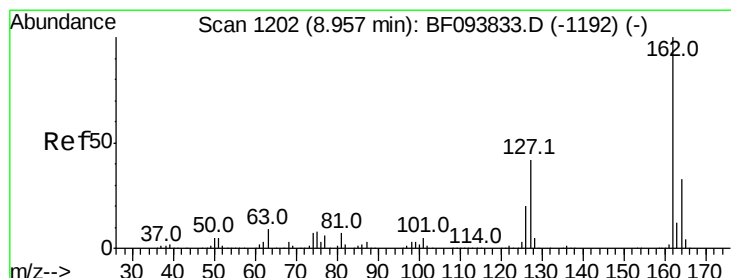
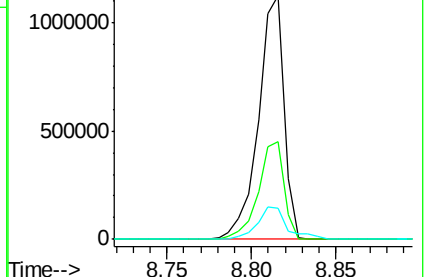
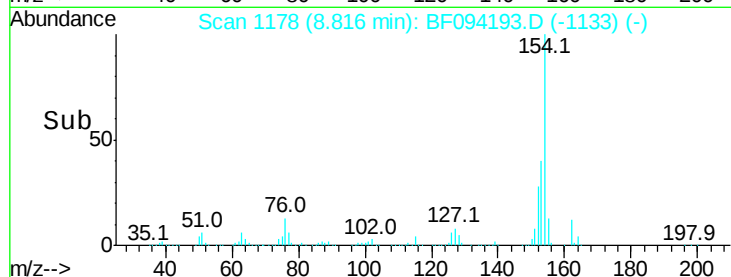
76 12.6 0.0 29.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BFO



#46

2-Chloronaphthalene

Concen: 49.14 ng

RT: 8.83 min Scan# 1181

Delta R.T. -0.04 min

Lab File: BF094193.D

Acq: 5 Apr 2017 17:01

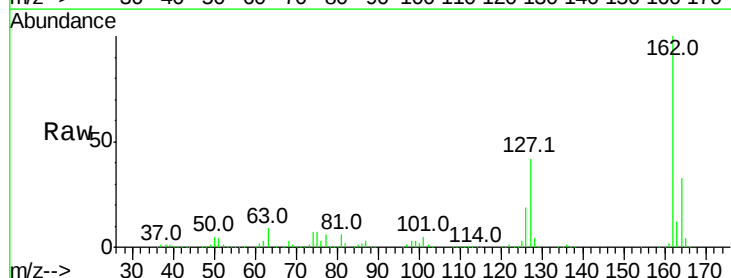
Tgt Ion:162 Resp: 951635

Ion Ratio Lower Upper

162 100

127 41.5 28.3 42.5

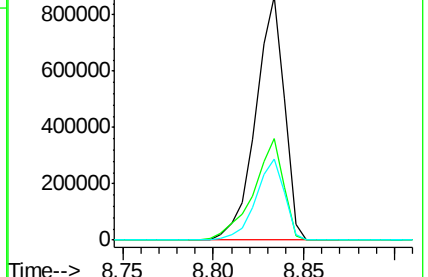
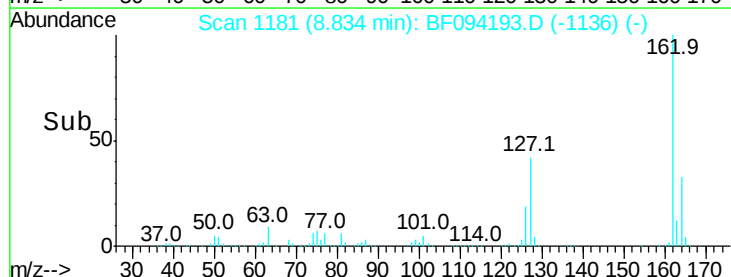
164 33.1 27.0 40.4

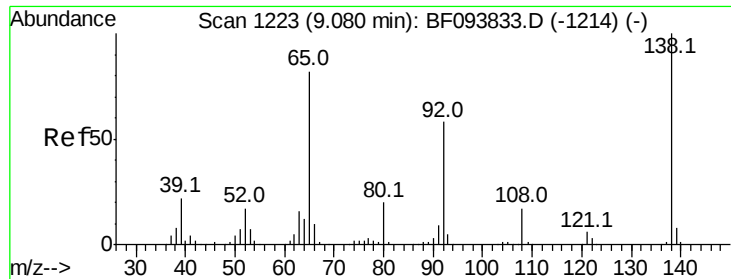


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

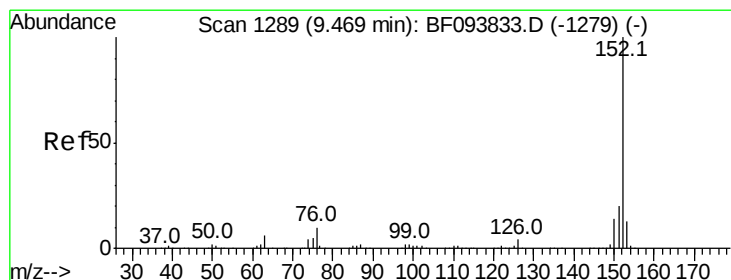
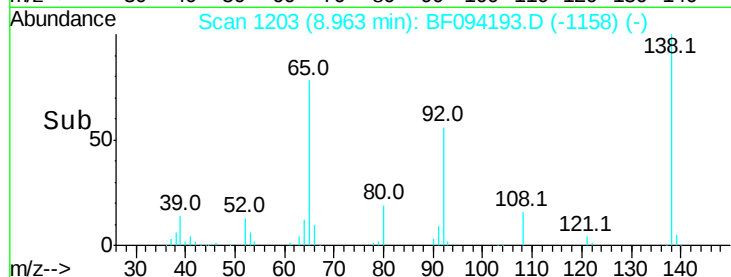
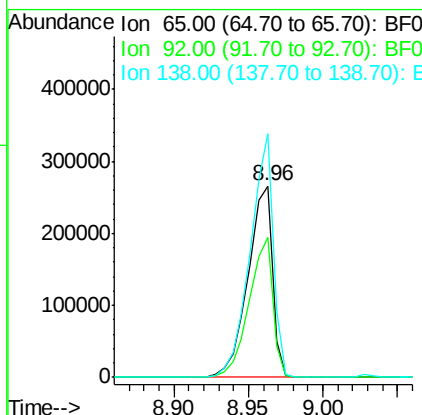
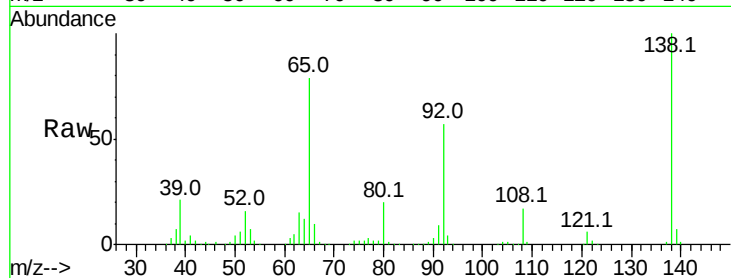




#47
 2-Nitroaniline
 Concen: 52.45 ng
 RT: 8.96 min Scan# 1203
 Delta R.T. -0.04 min
 Lab File: BF094193.D
 Acq: 5 Apr 2017 17:01

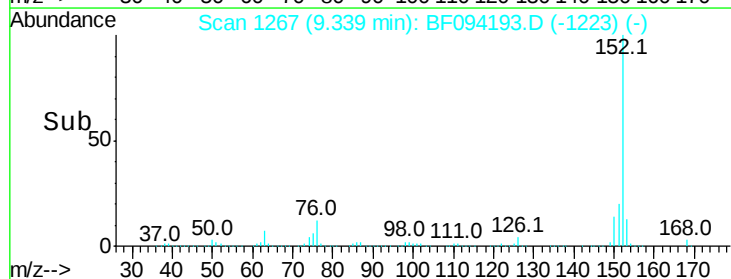
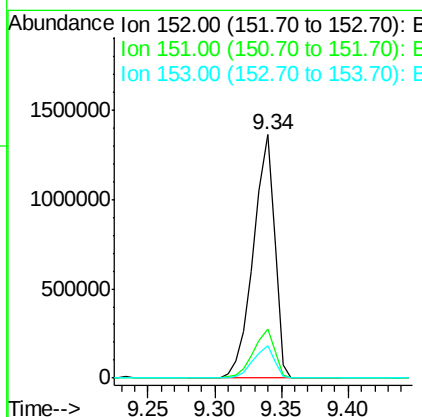
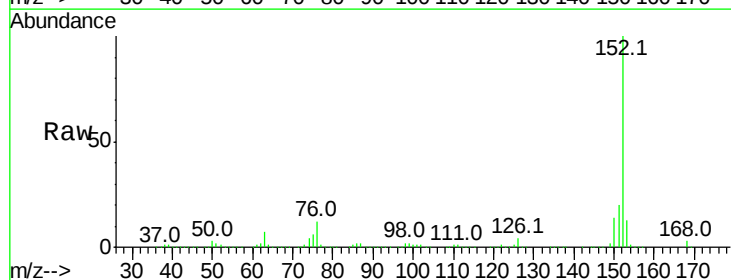
Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-3(0-7)MSD

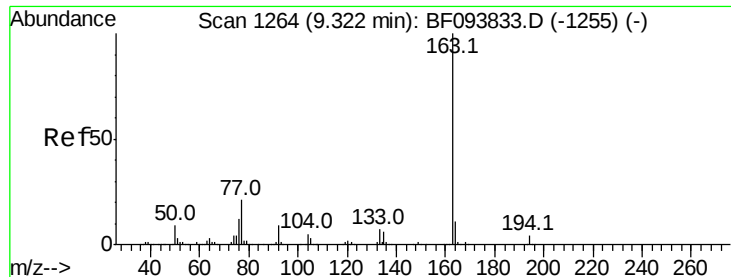
Tot Ion: 65 Resp: 301301
 Ion Ratio Lower Upper
 65 100
 92 72.9 53.9 80.9
 138 127.1 78.8 118.2#



#48
 Acenaphthylene
 Concen: 46.39 ng
 RT: 9.34 min Scan# 1267
 Delta R.T. -0.04 min
 Lab File: BF094193.D
 Acq: 5 Apr 2017 17:01

Tgt Ion:152 Resp: 1492927
 Ion Ratio Lower Upper
 152 100
 151 20.2 16.8 25.2
 153 13.2 10.8 16.2

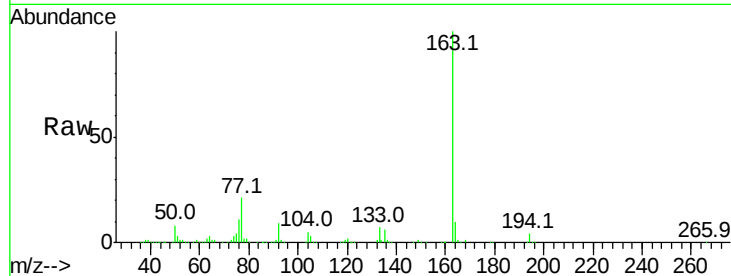




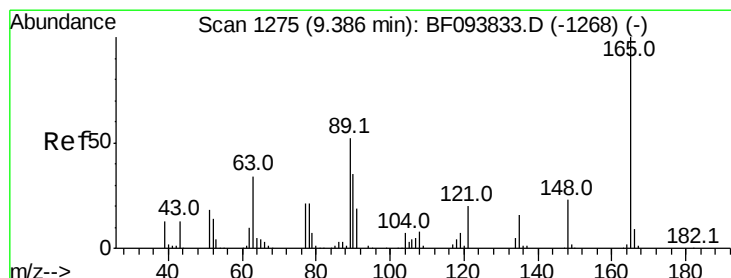
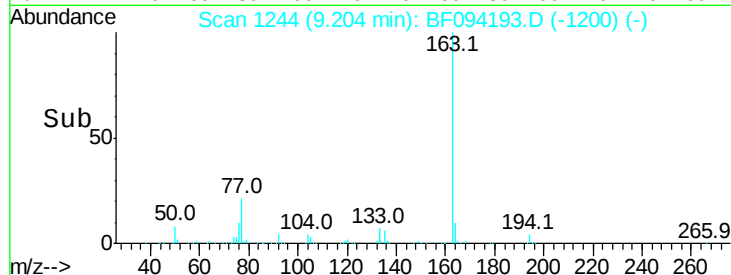
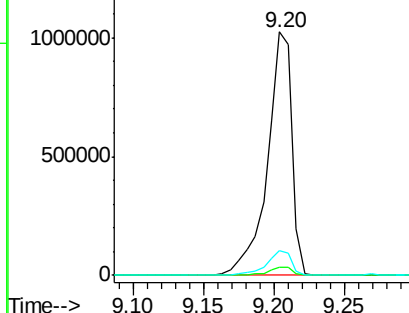
#49
Dimethylphthalate
Concen: 57.23 ng
RT: 9.20 min Scan# 1244
Delta R.T. -0.04 min
Lab File: BF094193.D
Acq: 5 Apr 2017 17:01

Instrument :
BNA_F
ClientSampleId :
CEMETERY-3(0-7)MSD

Tot Ion:163 Resp: 1247818
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.3 8.4 12.6

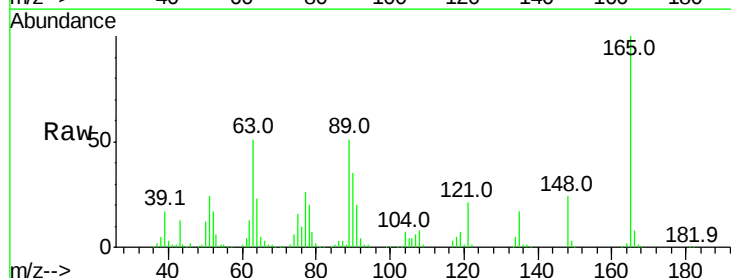


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

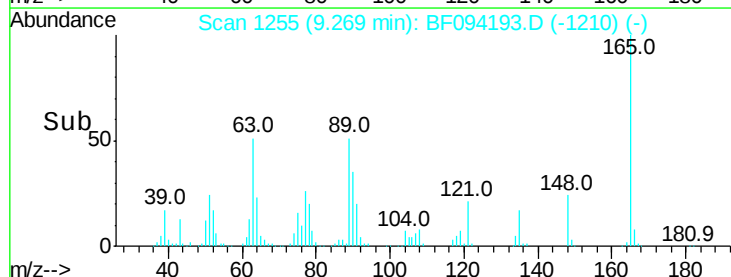
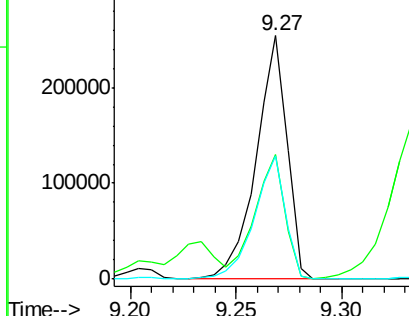


#50
2,6-Dinitrotoluene
Concen: 51.70 ng
RT: 9.27 min Scan# 1255
Delta R.T. -0.04 min
Lab File: BF094193.D
Acq: 5 Apr 2017 17:01

Tgt Ion:165 Resp: 258377
Ion Ratio Lower Upper
165 100
63 51.1 34.3 51.5
89 50.7 37.1 55.7



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





#51

Acenaphthene

Concen: 47.07 ng

RT: 9.55 min Scan# 1303

Delta R.T. -0.04 min

Lab File: BF094193.D

Acq: 5 Apr 2017 17:01

Instrument :

BNA_F

ClientSampleId :

CEMETERY-3(0-7)MSD

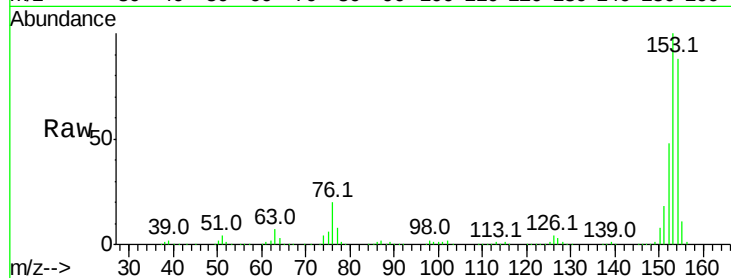
Tot Ion:154 Resp: 883901

Ion Ratio Lower Upper

154 100

153 114.0 90.5 135.7

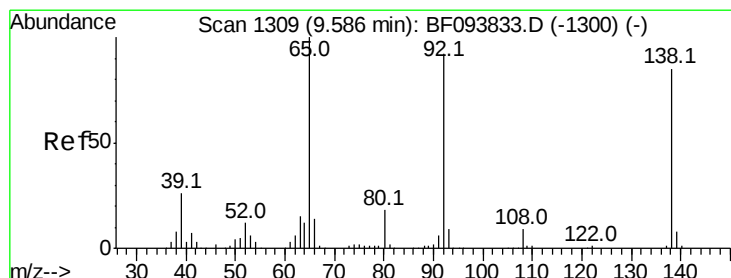
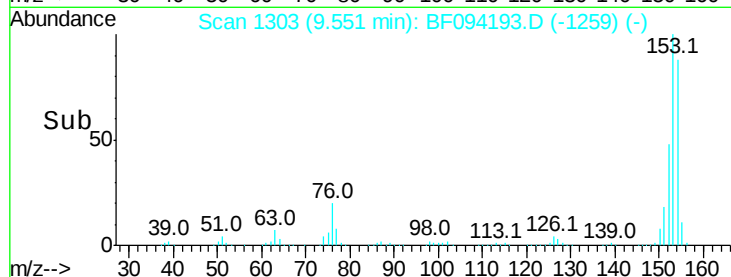
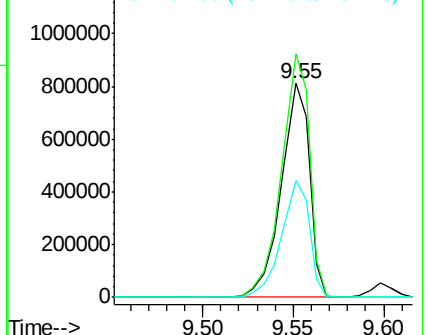
152 54.5 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 44.08 ng

RT: 9.47 min Scan# 1289

Delta R.T. -0.04 min

Lab File: BF094193.D

Acq: 5 Apr 2017 17:01

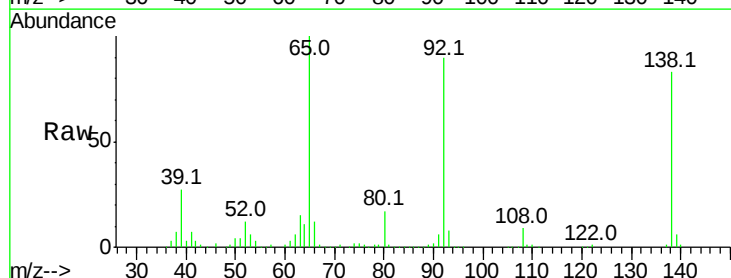
Tgt Ion:138 Resp: 258713

Ion Ratio Lower Upper

138 100

108 10.5 9.1 13.7

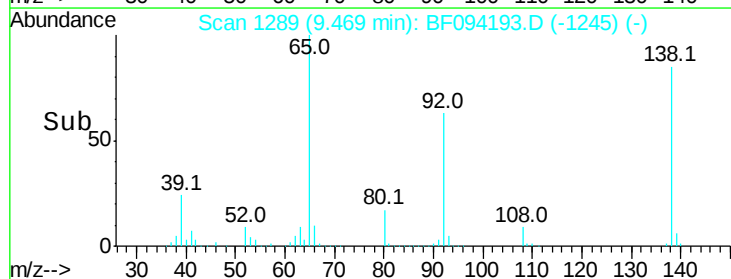
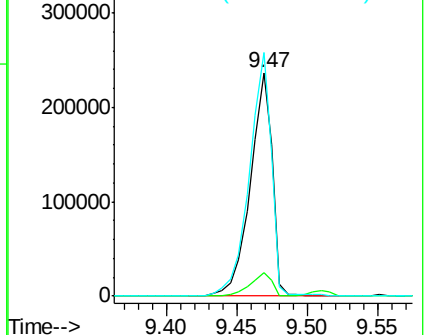
92 109.1 93.8 140.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

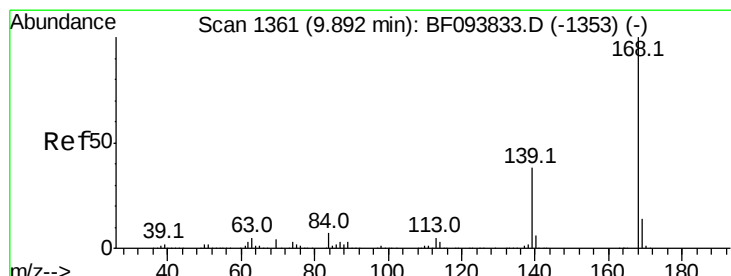
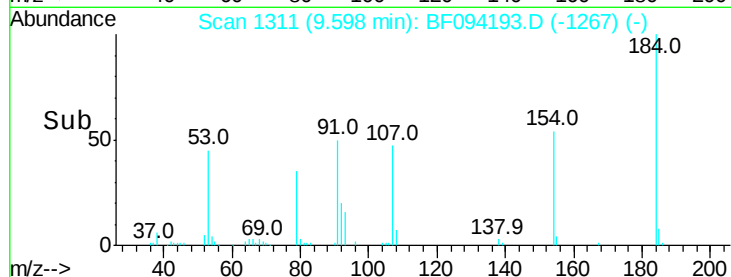
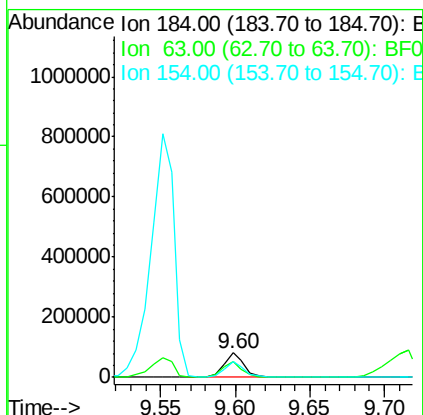
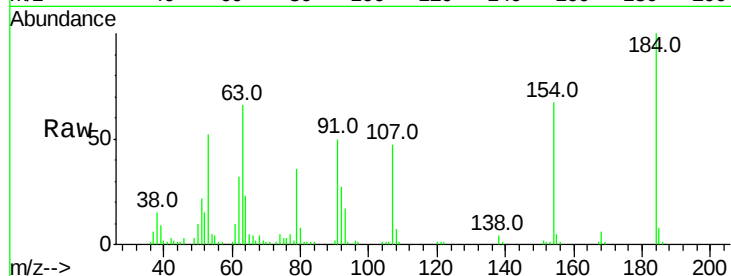




#53
 2,4-Dinitrophenol
 Concen: 32.34 ng
 RT: 9.60 min Scan# 1311
 Delta R.T. -0.04 min
 Lab File: BF094193.D
 Acq: 5 Apr 2017 17:01

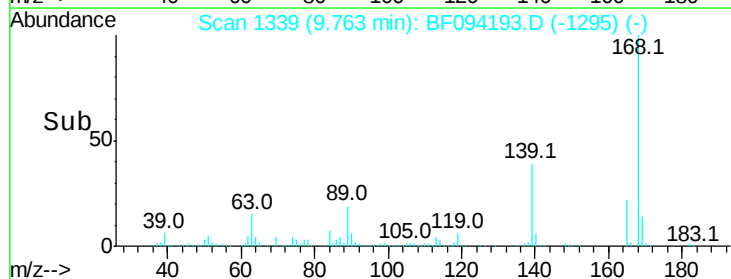
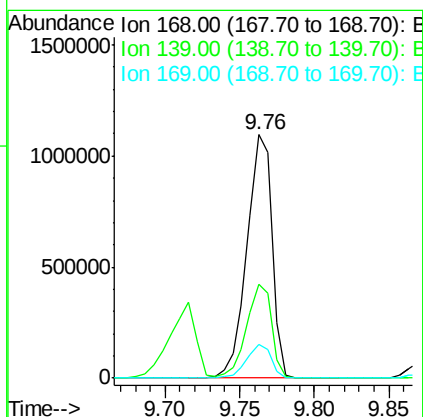
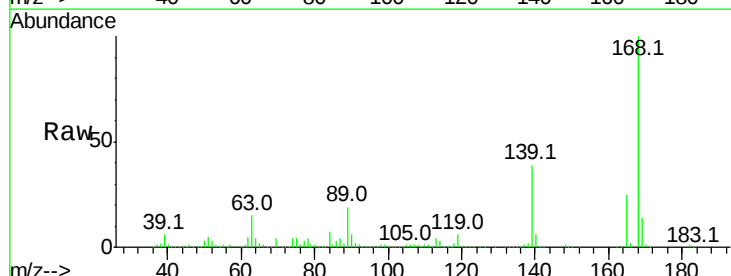
Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-3(0-7)MSD

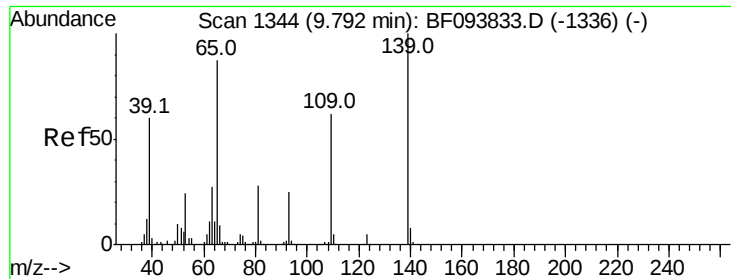
Tot Ion:184 Resp: 78619
 Ion Ratio Lower Upper
 184 100
 63 66.4 62.7 94.1
 154 66.7 81.1 121.7#



#54
 Dibenzofuran
 Concen: 49.66 ng
 RT: 9.76 min Scan# 1339
 Delta R.T. -0.04 min
 Lab File: BF094193.D
 Acq: 5 Apr 2017 17:01

Tgt Ion:168 Resp: 1269508
 Ion Ratio Lower Upper
 168 100
 139 38.6 30.6 45.8
 169 13.7 10.8 16.2

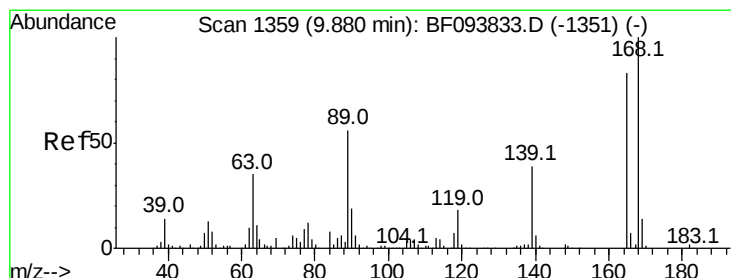
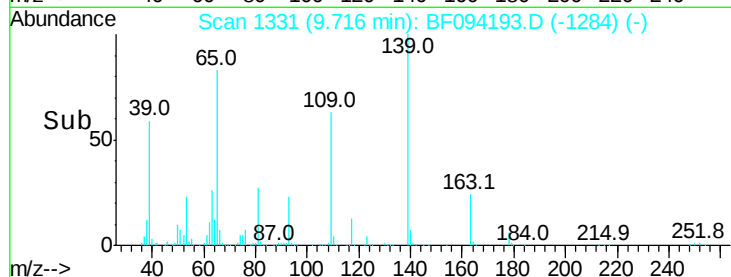
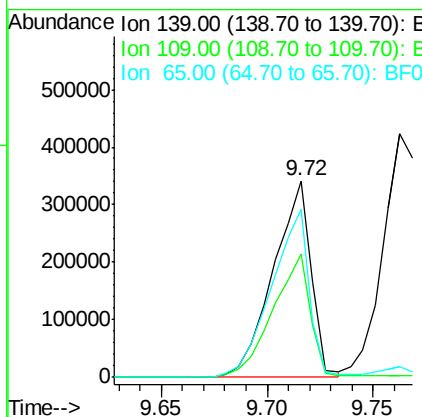
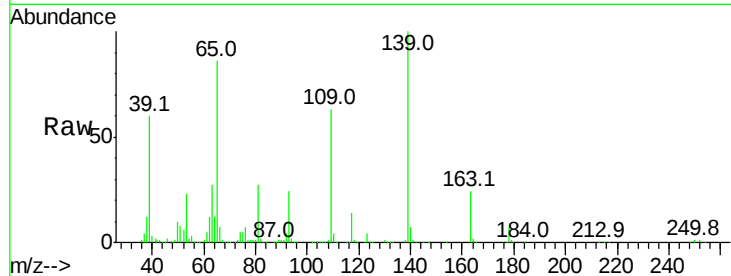




#55
4-Nitrophenol
Concen: 92.89 ng
RT: 9.72 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BF094193.D
Acq: 5 Apr 2017 17:01

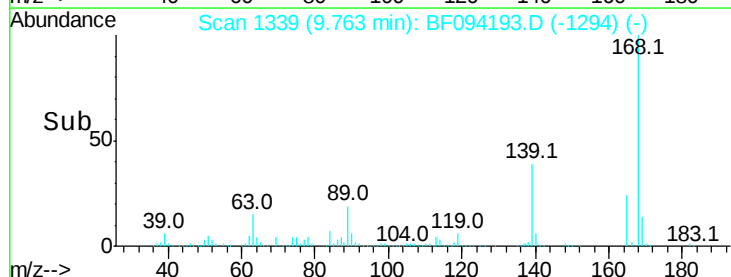
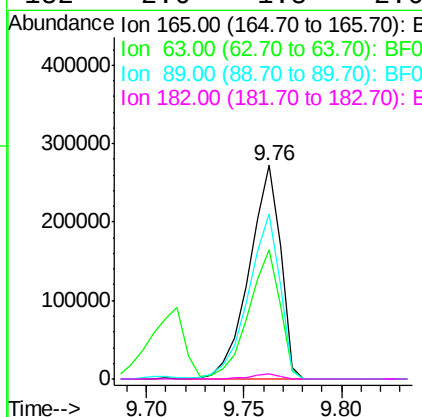
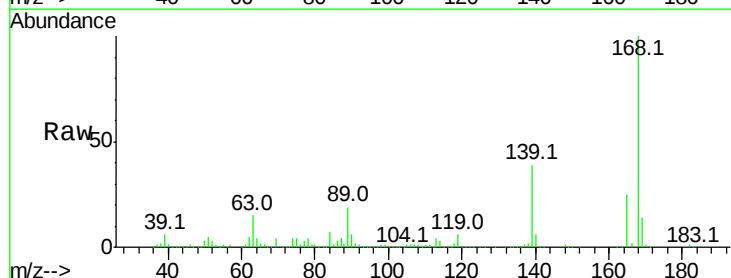
Instrument :
BNA_F
ClientSampleId :
CEMETERY-3(0-7)MSD

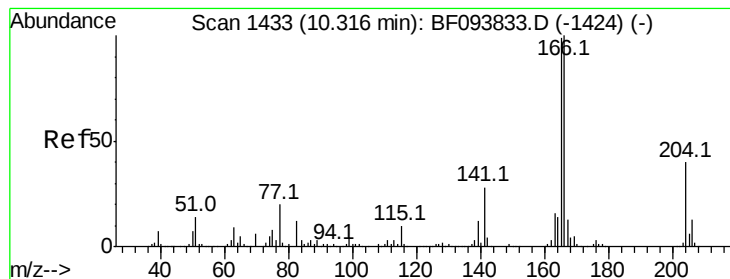
Tot Ion:139 Resp: 426934
Ion Ratio Lower Upper
139 100
109 62.7 34.1 74.1
65 85.8 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 48.29 ng
RT: 9.76 min Scan# 1339
Delta R.T. -0.04 min
Lab File: BF094193.D
Acq: 5 Apr 2017 17:01

Tgt Ion:165 Resp: 303197
Ion Ratio Lower Upper
165 100
63 60.6 25.4 38.0#
89 77.2 46.4 69.6#
182 2.6 1.8 2.6





#57

Fluorene

Concen: 45.27 ng

RT: 10.19 min Scan# 1411

Delta R.T. -0.04 min

Lab File: BF094193.D

Acq: 5 Apr 2017 17:01

Instrument :

BNA_F

ClientSampleId :

CEMETERY-3(0-7)MSD

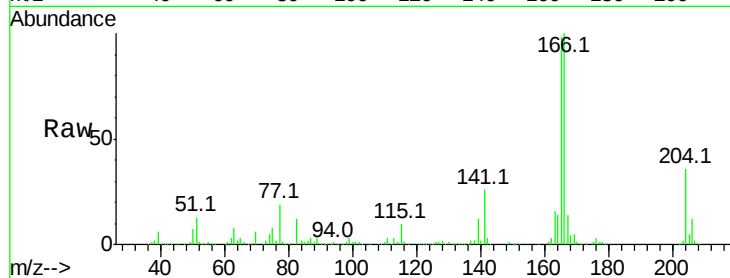
Tot Ion:166 Resp: 959673

Ion Ratio Lower Upper

166 100

165 98.0 78.8 118.2

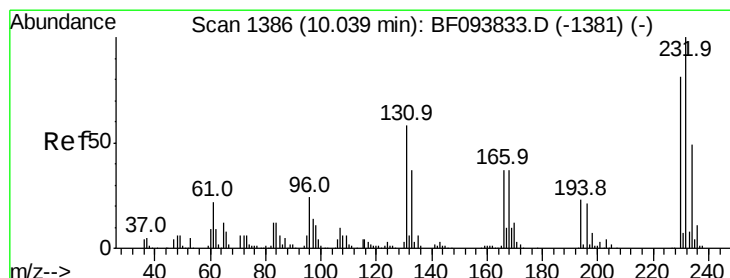
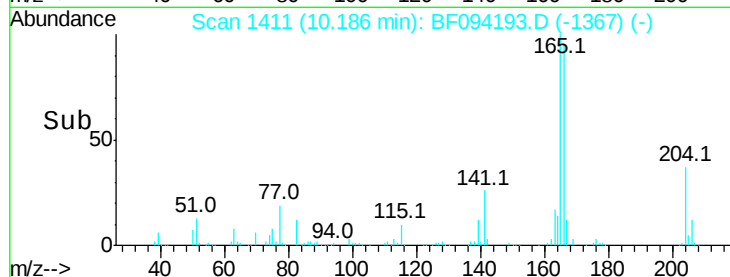
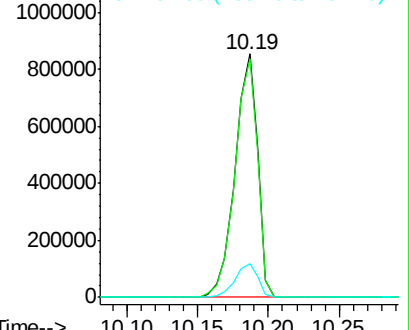
167 13.6 10.6 16.0



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: 52.04 ng

RT: 9.92 min Scan# 1366

Delta R.T. -0.04 min

Lab File: BF094193.D

Acq: 5 Apr 2017 17:01

Tgt Ion:232 Resp: 229368

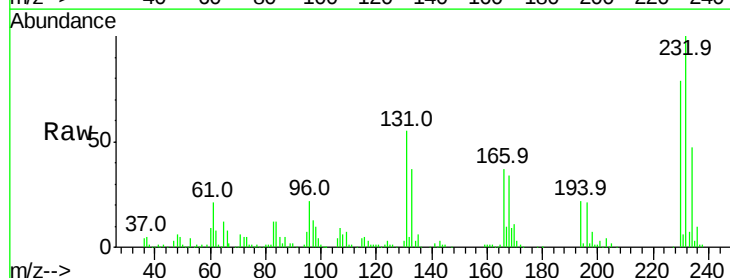
Ion Ratio Lower Upper

232 100

131 53.2 44.8 67.2

130 2.5 2.3 3.5

166 37.0 29.0 43.4

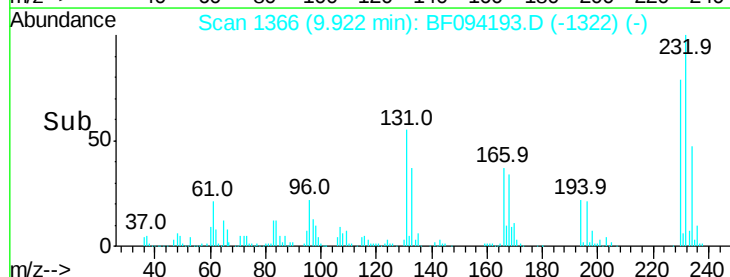
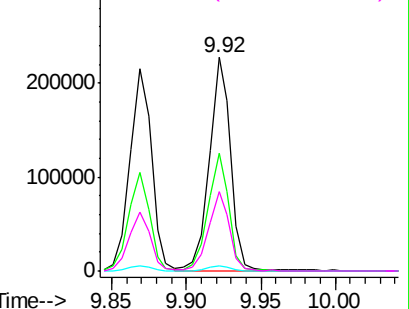


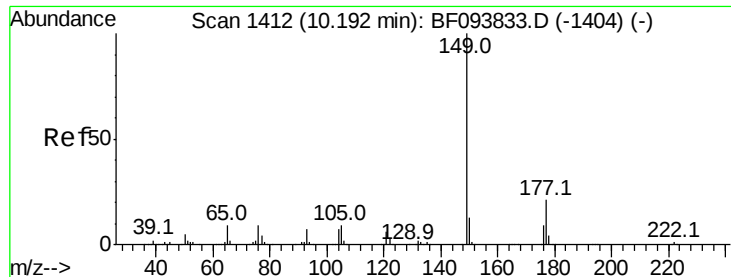
Abundance Ion 232.00 (231.70 to 232.70): E

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

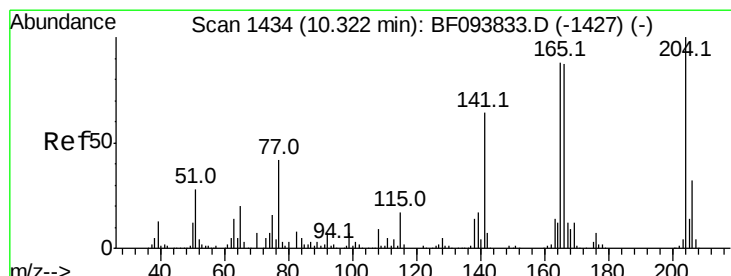
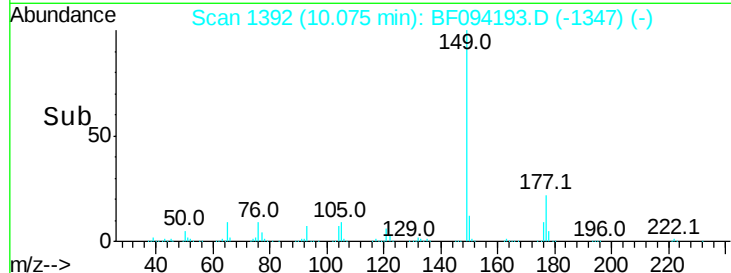
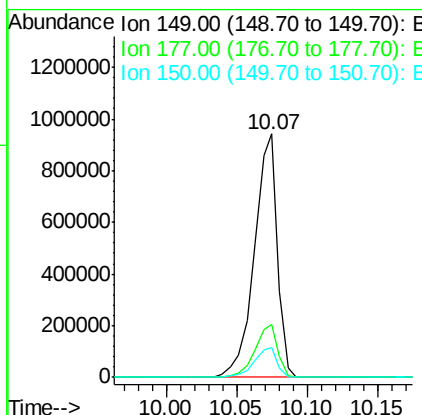
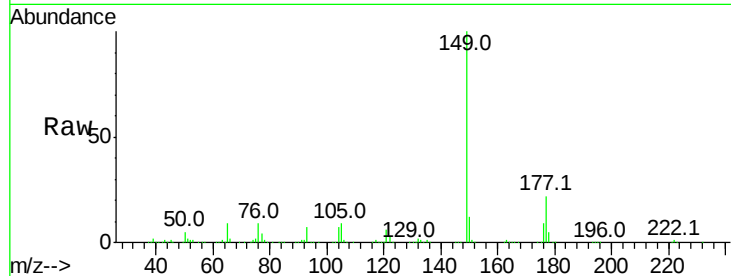




#59
Diethylphthalate
Concen: 50.01 ng
RT: 10.07 min Scan# 1392
Delta R.T. -0.04 min
Lab File: BF094193.D
Acq: 5 Apr 2017 17:01

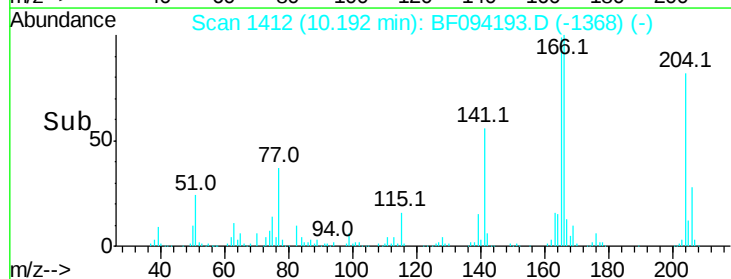
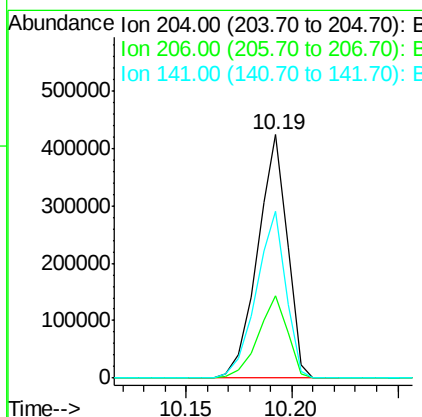
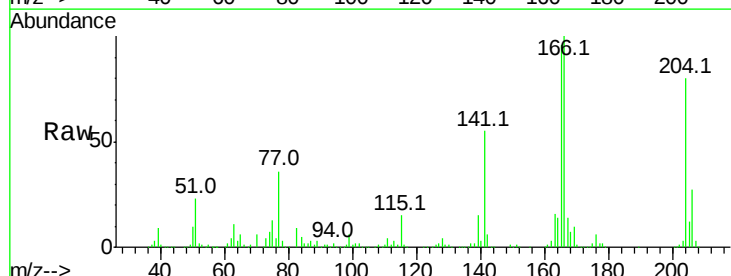
Instrument :
BNA_F
ClientSampleId :
CEMETERY-3(0-7)MSD

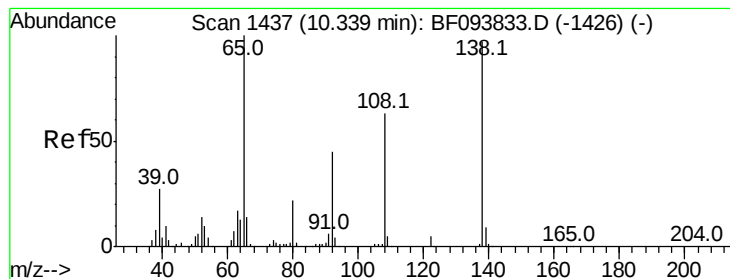
Tot Ion:149 Resp: 1077654
Ion Ratio Lower Upper
149 100
177 21.7 16.7 25.1
150 12.4 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 45.77 ng
RT: 10.19 min Scan# 1412
Delta R.T. -0.04 min
Lab File: BF094193.D
Acq: 5 Apr 2017 17:01

Tgt Ion:204 Resp: 413350
Ion Ratio Lower Upper
204 100
206 33.8 26.2 39.2
141 68.3 60.8 91.2





#61

4-Nitroaniline

Concen: 52.56 ng

RT: 10.23 min Scan# 1418

Delta R.T. -0.04 min

Lab File: BF094193.D

Acq: 5 Apr 2017 17:01

Instrument :

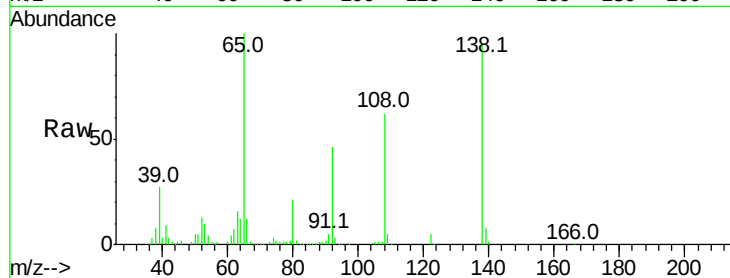
BNA_F

ClientSampleId :

CEMETERY-3(0-7)MSD

Tot Ion:138 Resp: 296017

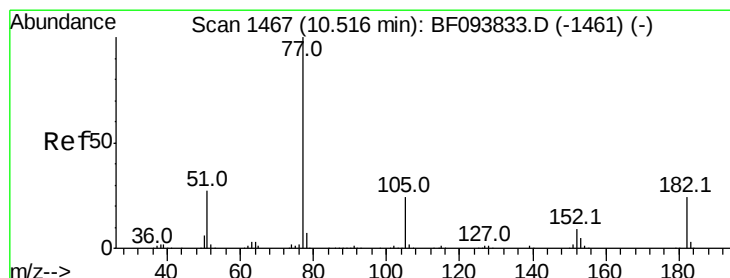
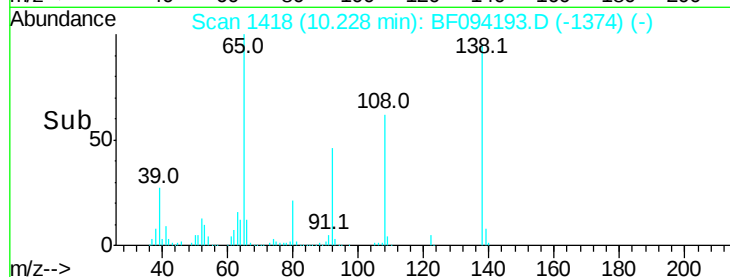
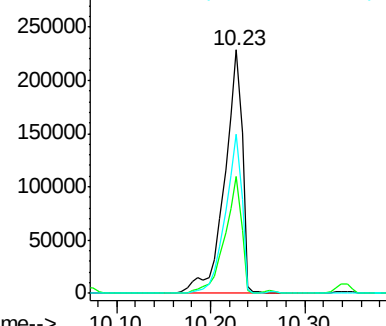
Ion	Ratio	Lower	Upper
138	100		
92	48.1	21.8	61.8
108	65.4	42.3	82.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 52.17 ng

RT: 10.39 min Scan# 1445

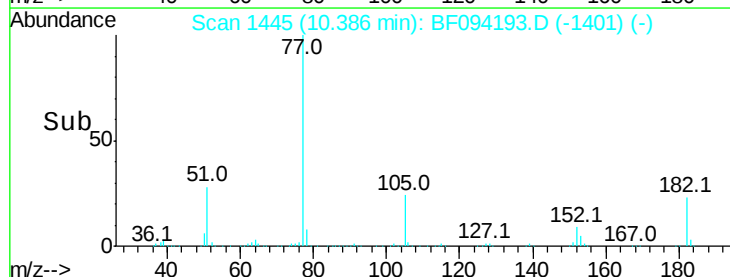
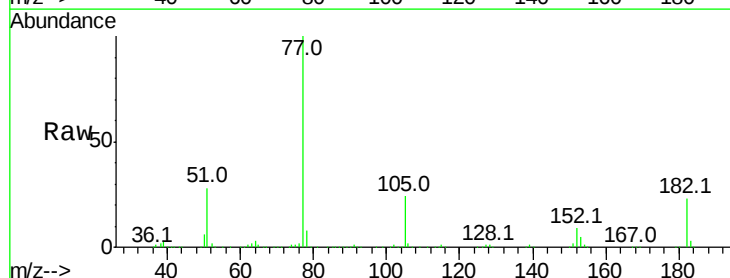
Delta R.T. -0.04 min

Lab File: BF094193.D

Acq: 5 Apr 2017 17:01

Tgt Ion: 77 Resp: 1063411

Ion	Ratio	Lower	Upper
77	100		
182	23.1	0.1	40.1
105	23.7	3.6	43.6
51	28.5	9.4	49.4

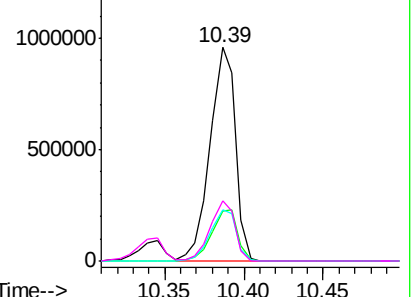


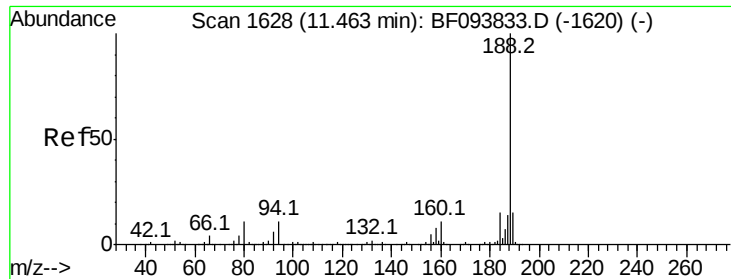
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

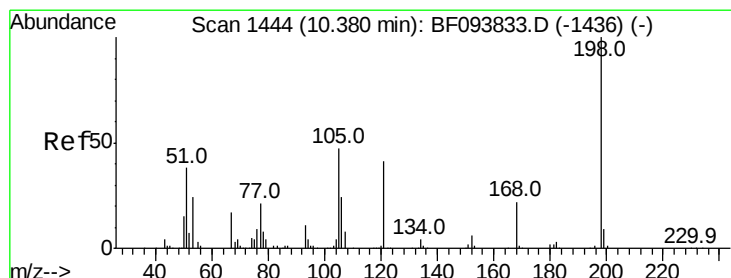
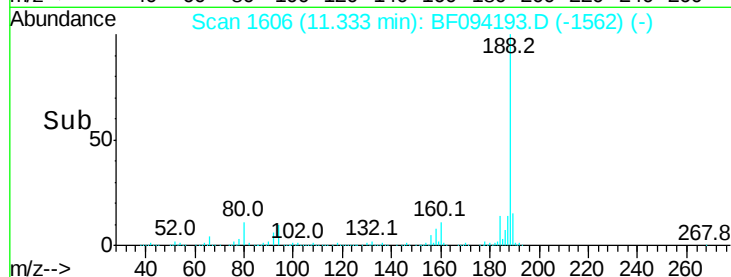
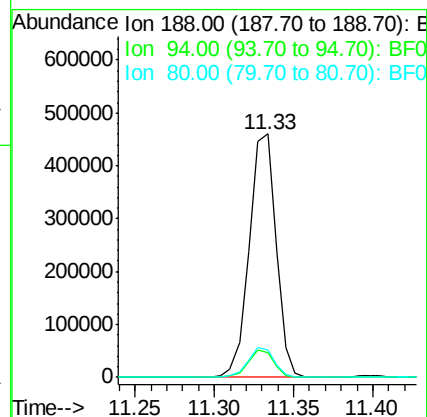
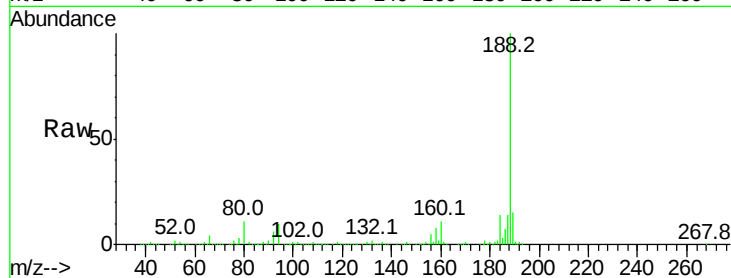




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 1606
Delta R.T. -0.04 min
Lab File: BF094193.D
Acq: 5 Apr 2017 17:01

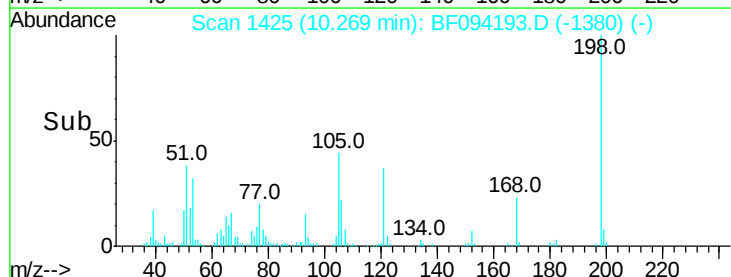
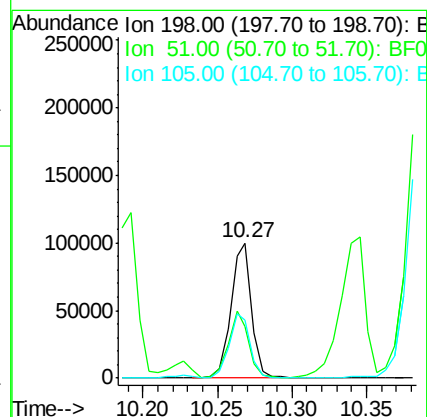
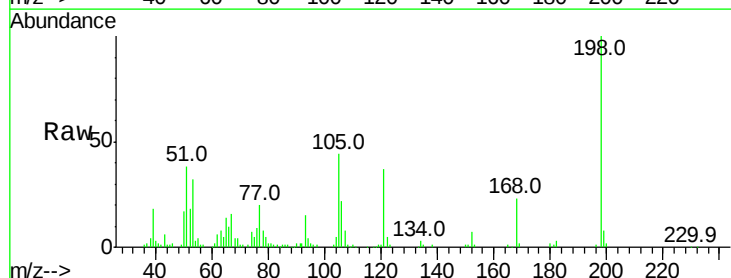
Instrument :
BNA_F
ClientSampleId :
CEMETERY-3(0-7)MSD

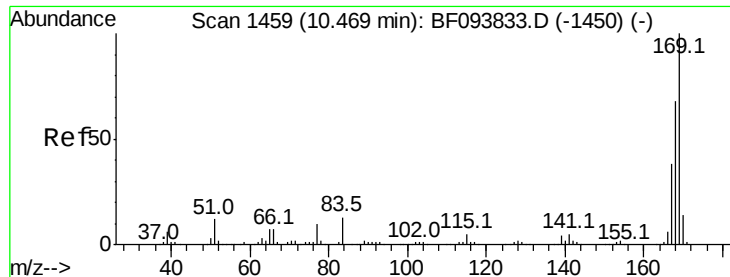
Tot Ion:188 Resp: 539597
Ion Ratio Lower Upper
188 100
94 10.3 9.4 14.2
80 11.0 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 29.61 ng
RT: 10.27 min Scan# 1425
Delta R.T. -0.04 min
Lab File: BF094193.D
Acq: 5 Apr 2017 17:01

Tgt Ion:198 Resp: 97847
Ion Ratio Lower Upper
198 100
51 38.3 53.2 93.2#
105 43.5 45.8 85.8#

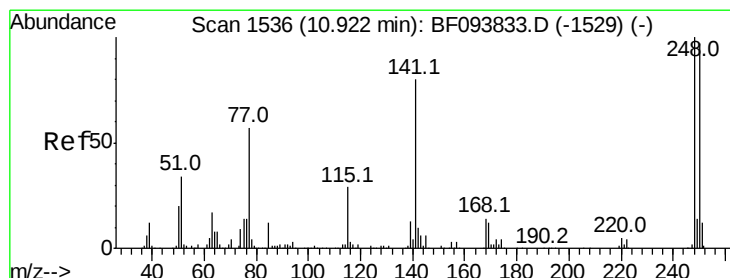
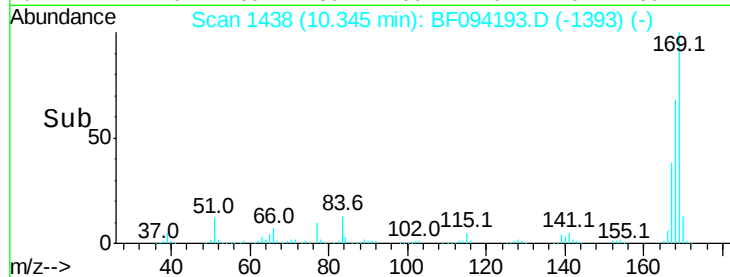
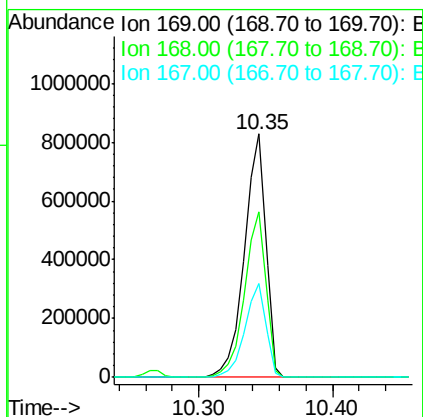
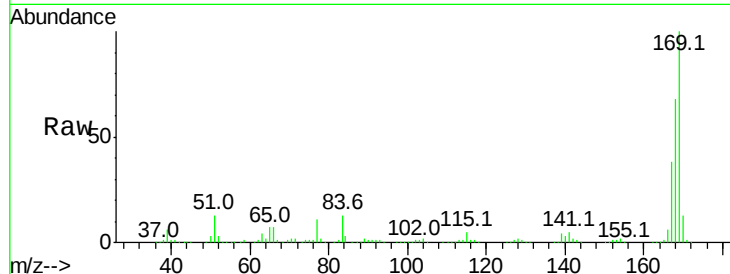




#65
 n-Nitrosodiphenylamine
 Concen: 48.98 ng
 RT: 10.35 min Scan# 1438
 Delta R.T. -0.04 min
 Lab File: BF094193.D
 Acq: 5 Apr 2017 17:01

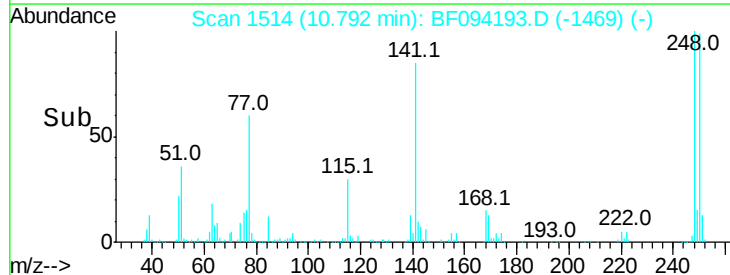
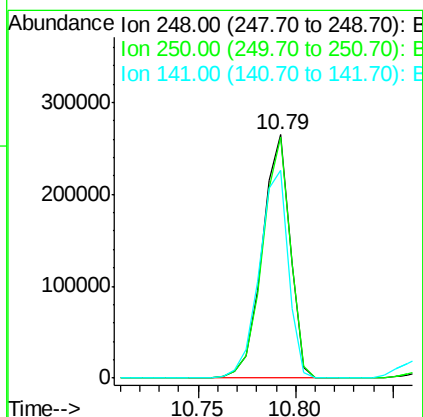
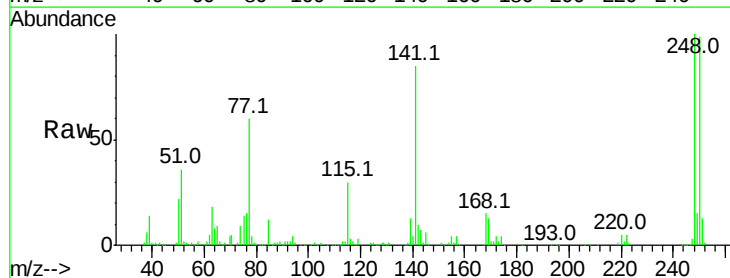
Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-3(0-7)MSD

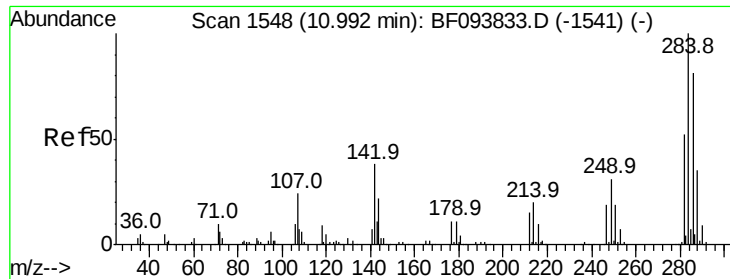
Tot Ion:169 Resp: 913913
 Ion Ratio Lower Upper
 169 100
 168 68.2 53.2 79.8
 167 38.3 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 49.57 ng
 RT: 10.79 min Scan# 1514
 Delta R.T. -0.04 min
 Lab File: BF094193.D
 Acq: 5 Apr 2017 17:01

Tgt Ion:248 Resp: 263080
 Ion Ratio Lower Upper
 248 100
 250 99.1 76.8 115.2
 141 85.1 68.6 103.0

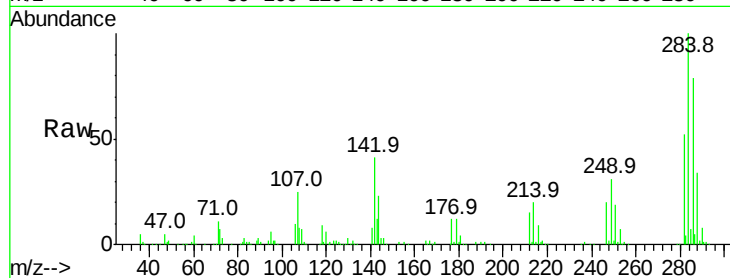




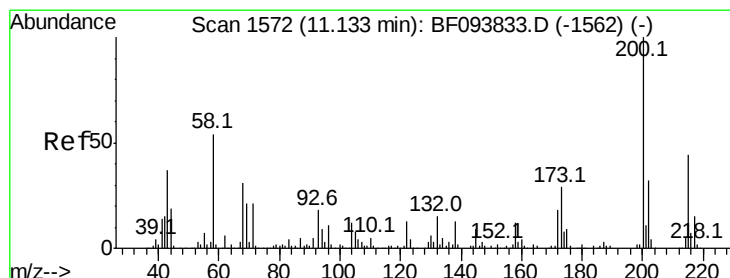
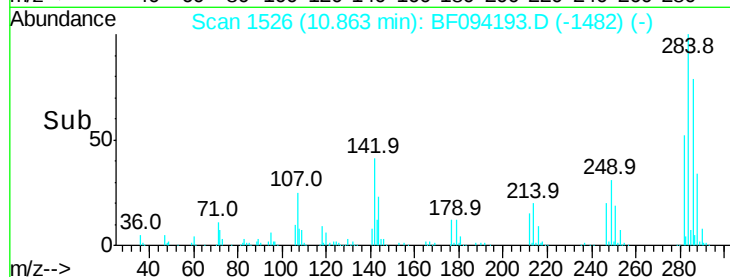
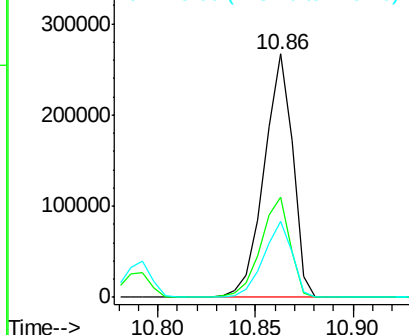
#67
Hexachlorobenzene
Concen: 50.64 ng
RT: 10.86 min Scan# 1526
Delta R.T. -0.04 min
Lab File: BF094193.D
Acq: 5 Apr 2017 17:01

Instrument :
BNA_F
ClientSampleId :
CEMETERY-3(0-7)MSD

Tot Ion:284 Resp: 272040
Ion Ratio Lower Upper
284 100
142 41.1 22.8 34.2#
249 31.1 24.0 36.0

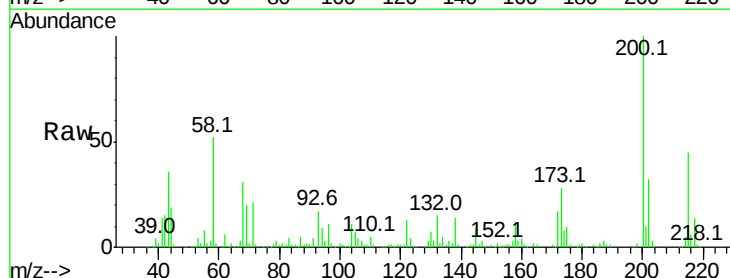


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

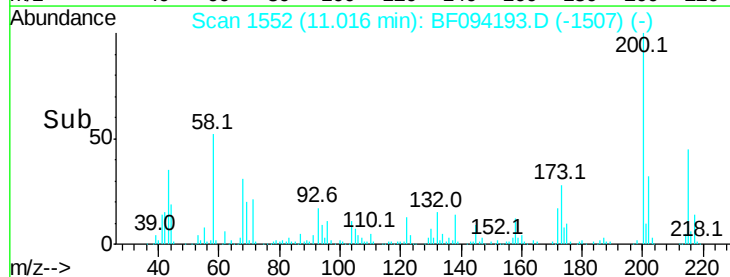
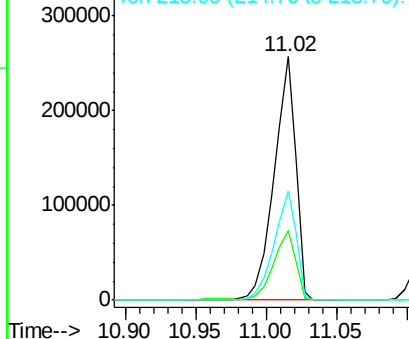


#68
Atrazine
Concen: 49.53 ng
RT: 11.02 min Scan# 1552
Delta R.T. -0.04 min
Lab File: BF094193.D
Acq: 5 Apr 2017 17:01

Tgt Ion:200 Resp: 276824
Ion Ratio Lower Upper
200 100
173 28.3 6.3 46.3
215 44.8 27.2 67.2



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

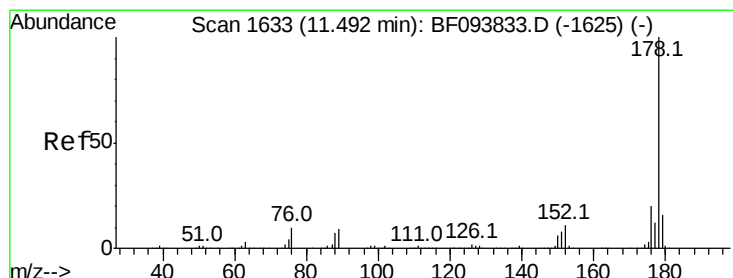
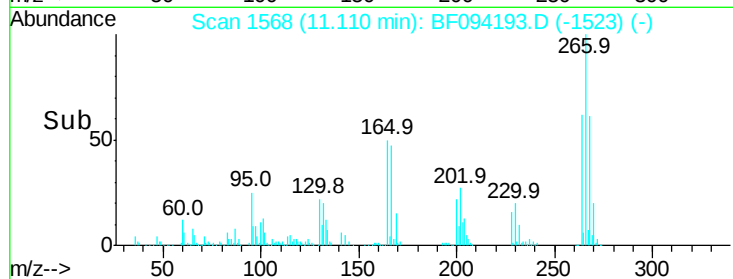
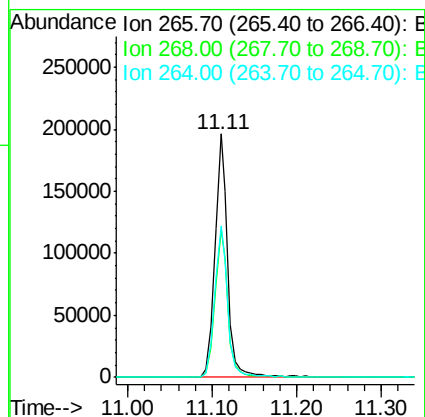
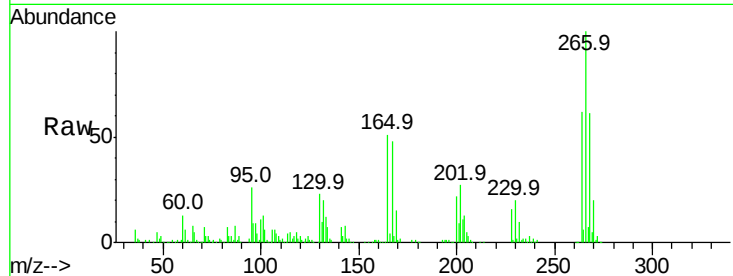




#69
 Pentachlorophenol
 Concen: 63.49 ng
 RT: 11.11 min Scan# 1568
 Delta R.T. -0.04 min
 Lab File: BF094193.D
 Acq: 5 Apr 2017 17:01

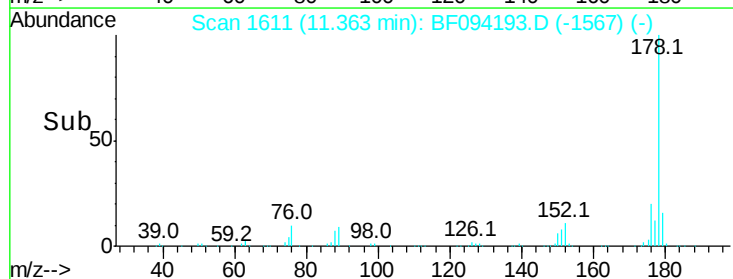
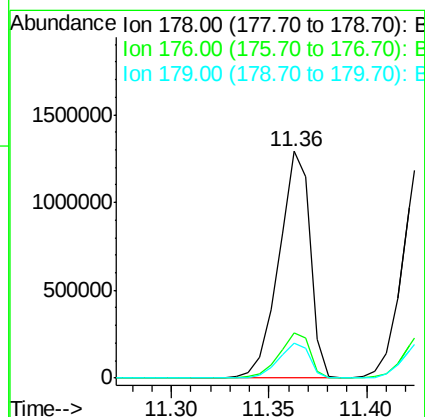
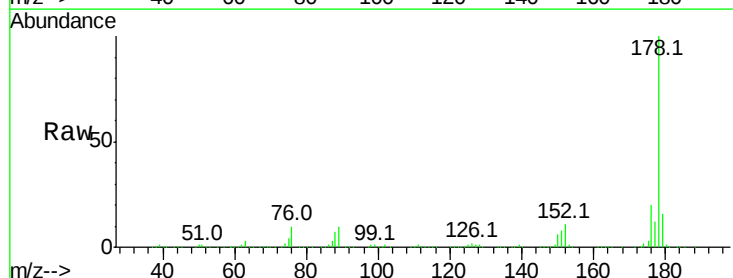
Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-3(0-7)MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	60.8	51.1	76.7
264	62.3	51.7	77.5



#70
 Phenanthrene
 Concen: 47.65 ng
 RT: 11.36 min Scan# 1611
 Delta R.T. -0.04 min
 Lab File: BF094193.D
 Acq: 5 Apr 2017 17:01

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.2	24.4
179	15.6	12.6	19.0

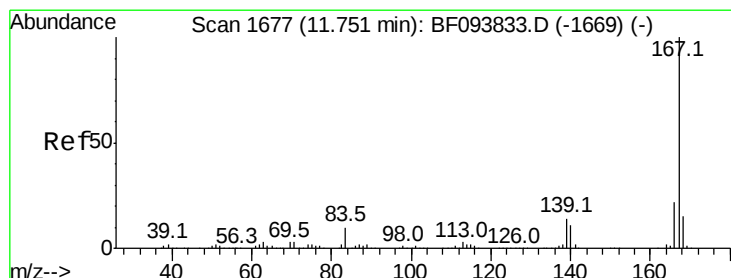
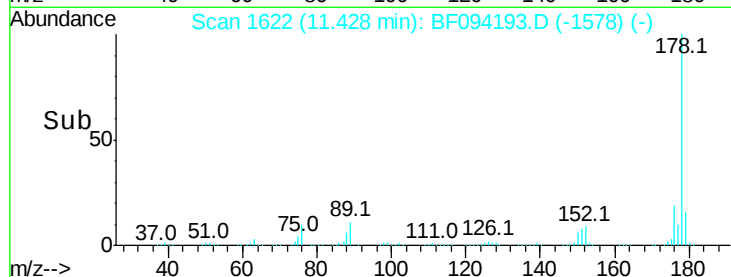
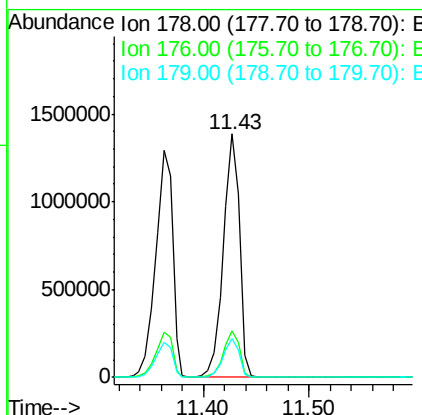
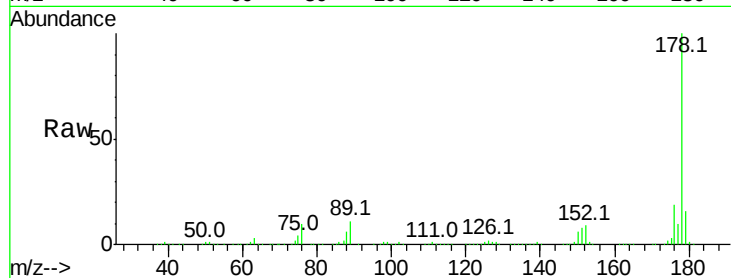




#71
 Anthracene
 Concen: 47.94 ng
 RT: 11.43 min Scan# 1622
 Delta R.T. -0.04 min
 Lab File: BF094193.D
 Acq: 5 Apr 2017 17:01

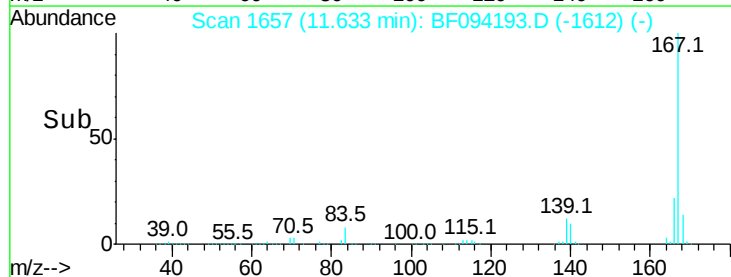
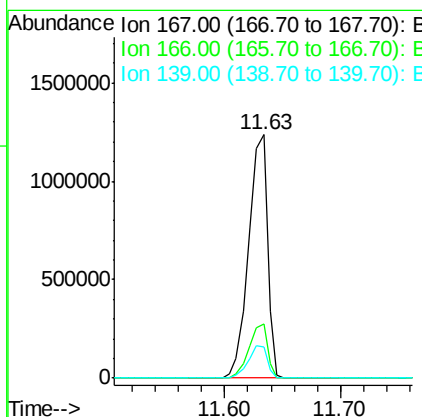
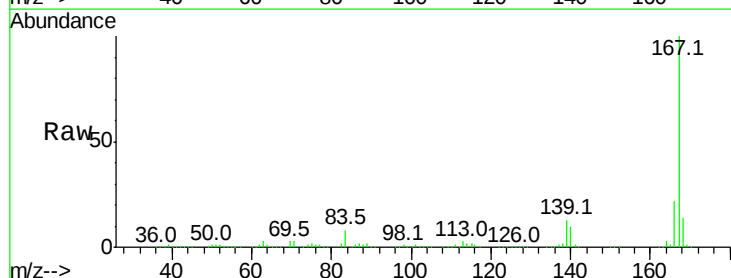
Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-3(0-7)MSD

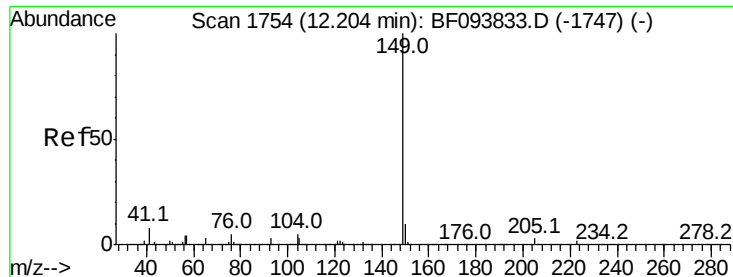
Tot Ion:178 Resp: 1481499
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.8 23.8
 179 16.0 12.7 19.1



#72
 Carbazole
 Concen: 44.58 ng
 RT: 11.63 min Scan# 1657
 Delta R.T. -0.04 min
 Lab File: BF094193.D
 Acq: 5 Apr 2017 17:01

Tgt Ion:167 Resp: 1412820
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.1 27.1
 139 13.0 11.7 17.5

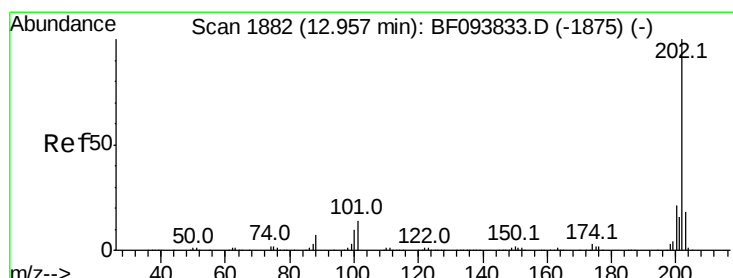
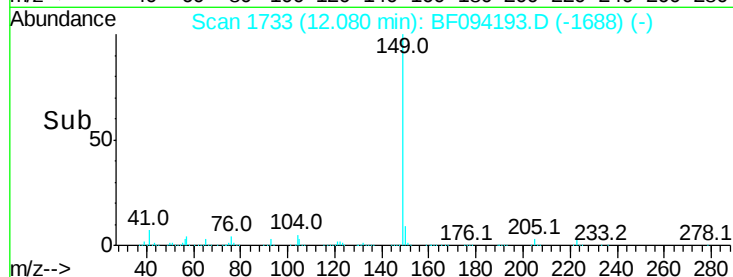
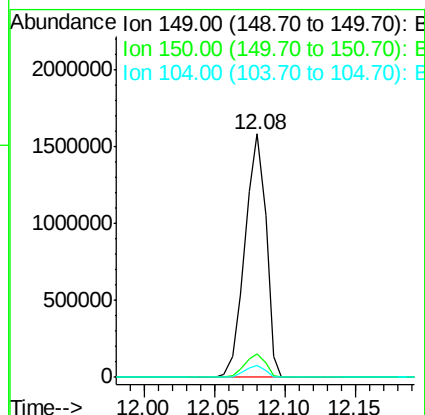
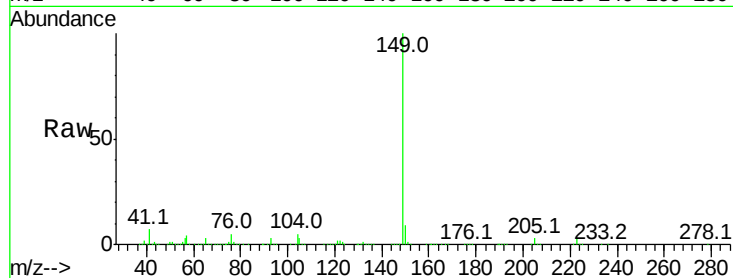




#73
Di-n-butylphthalate
Concen: 50.16 ng
RT: 12.08 min Scan# 1733
Delta R.T. -0.04 min
Lab File: BF094193.D
Acq: 5 Apr 2017 17:01

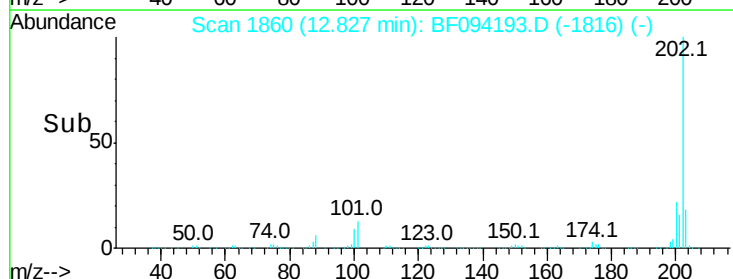
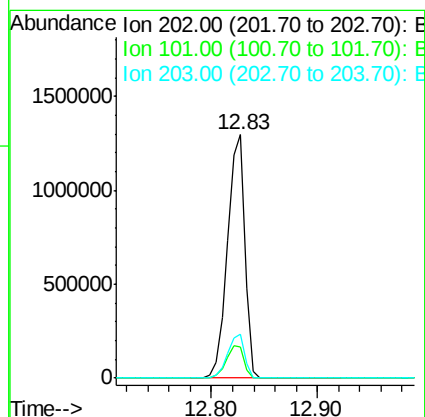
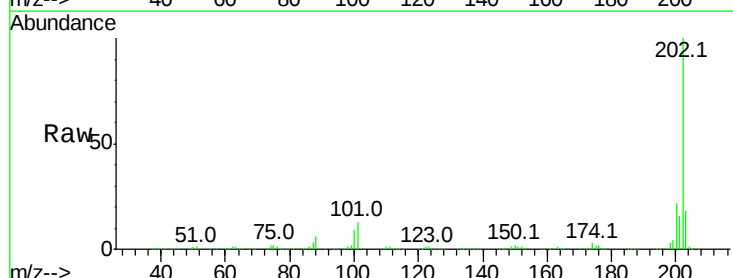
Instrument :
BNA_F
ClientSampleId :
CEMETERY-3(0-7)MSD

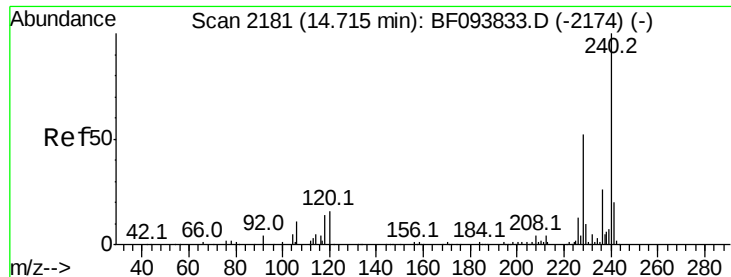
Tot Ion:149 Resp: 1653229
Ion Ratio Lower Upper
149 100
150 9.4 7.7 11.5
104 4.8 4.0 6.0



#74
Fluoranthene
Concen: 47.80 ng
RT: 12.83 min Scan# 1860
Delta R.T. -0.04 min
Lab File: BF094193.D
Acq: 5 Apr 2017 17:01

Tgt Ion:202 Resp: 1469268
Ion Ratio Lower Upper
202 100
101 12.7 0.0 33.2
203 18.1 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.59 min Scan# 2159

Delta R.T. -0.04 min

Lab File: BF094193.D

Acq: 5 Apr 2017 17:01

Instrument :

BNA_F

ClientSampleId :

CEMETERY-3(0-7)MSD

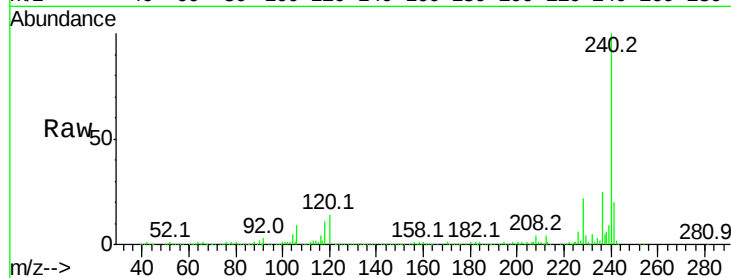
Tot Ion:240 Resp: 416323

Ion Ratio Lower Upper

240 100

120 13.6 5.8 8.8#

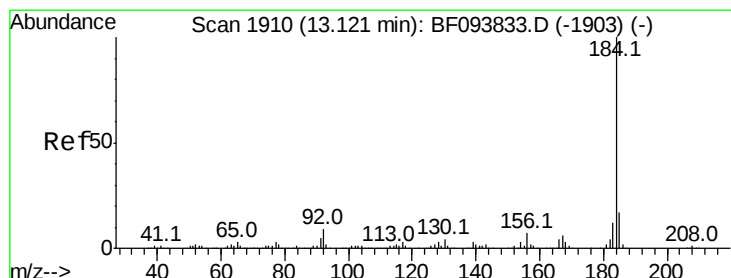
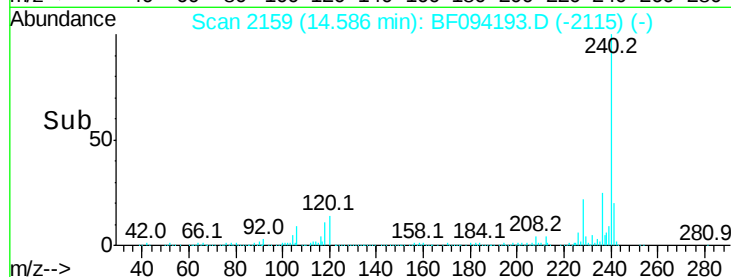
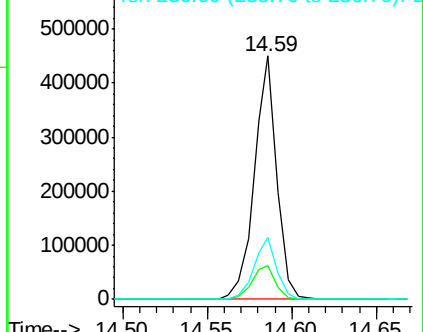
236 25.4 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 11.40 ng

RT: 12.99 min Scan# 1887

Delta R.T. -0.05 min

Lab File: BF094193.D

Acq: 5 Apr 2017 17:01

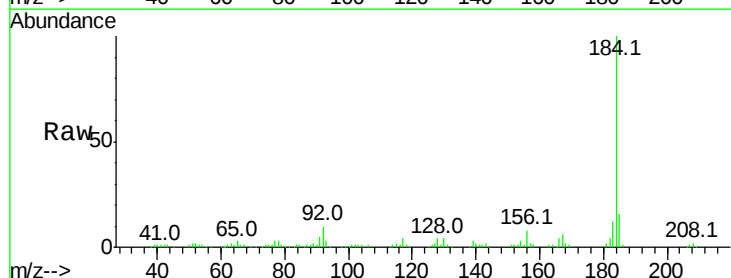
Tgt Ion:184 Resp: 187921

Ion Ratio Lower Upper

184 100

185 15.7 15.5 23.3

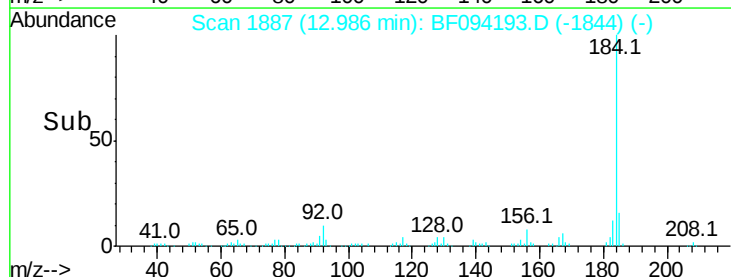
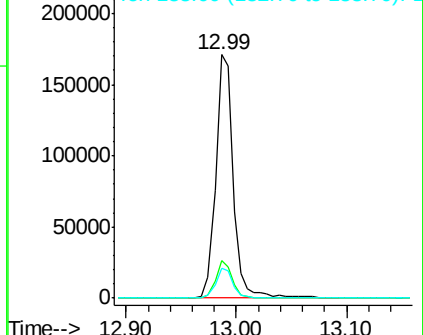
183 12.2 9.8 14.6

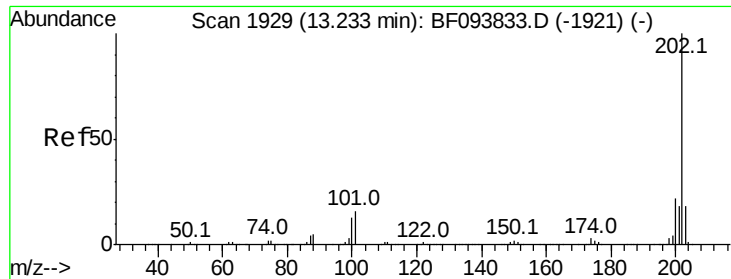


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

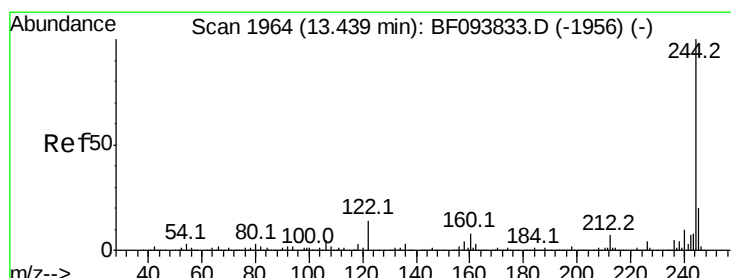
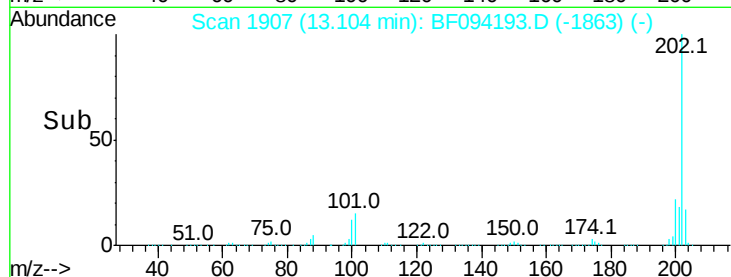
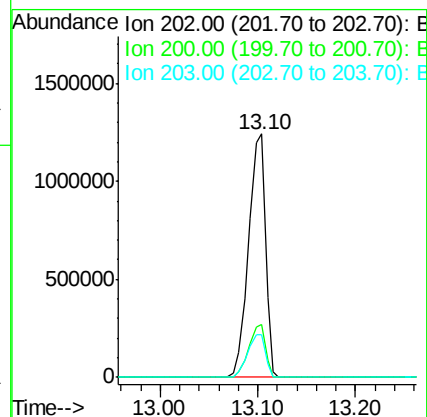
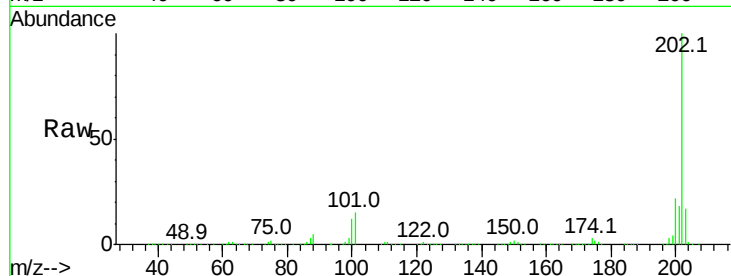




#77
Pvrene
Concen: 49.80 ng
RT: 13.10 min Scan# 1907
Delta R.T. -0.04 min
Lab File: BF094193.D
Acq: 5 Apr 2017 17:01

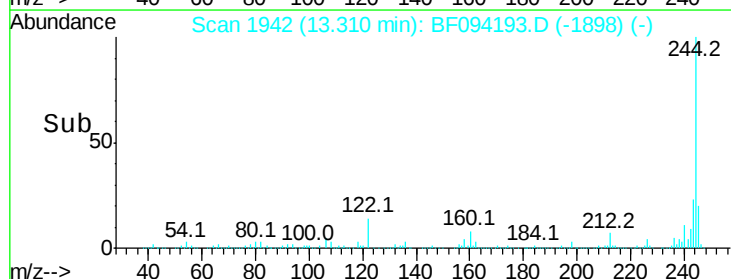
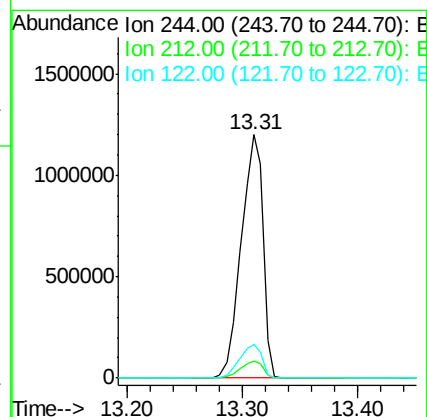
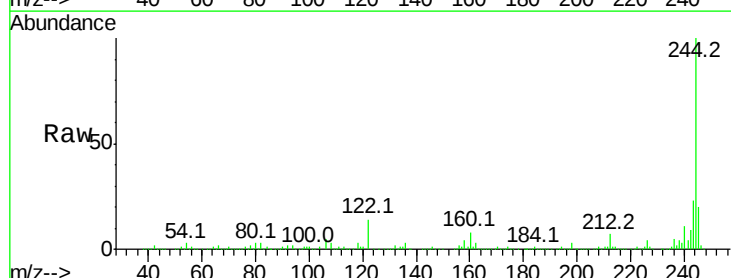
Instrument :
BNA_F
ClientSampleId :
CEMETERY-3(0-7)MSD

Tot Ion:202 Resp: 1504655
Ion Ratio Lower Upper
202 100
200 21.7 17.6 26.4
203 17.3 14.4 21.6



#78
Terphenyl-d14
Concen: 83.81 ng
RT: 13.31 min Scan# 1942
Delta R.T. -0.04 min
Lab File: BF094193.D
Acq: 5 Apr 2017 17:01

Tgt Ion:244 Resp: 1556590
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 13.9 10.3 15.5





#79

Butylbenzylphthalate

Concen: 54.86 ng

RT: 13.92 min Scan# 2045

Delta R.T. -0.04 min

Lab File: BF094193.D

Acq: 5 Apr 2017 17:01

Instrument :

BNA_F

ClientSampleId :

CEMETERY-3(0-7)MSD

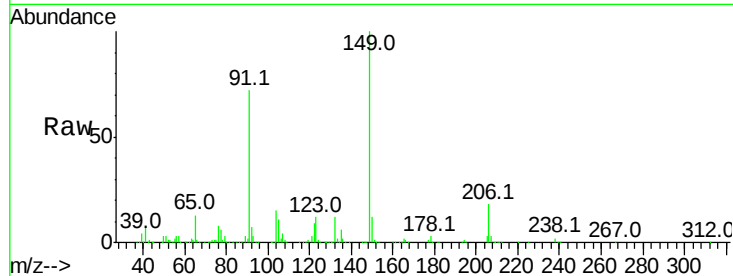
Tot Ion:149 Resp: 706250

Ion Ratio Lower Upper

149 100

91 72.0 45.0 67.4#

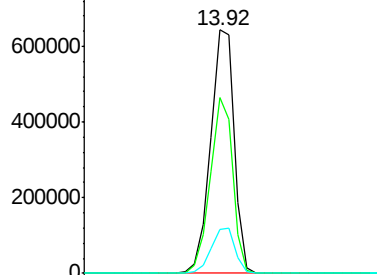
206 17.9 17.0 25.6



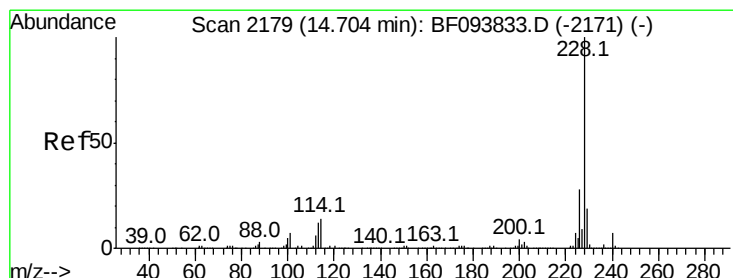
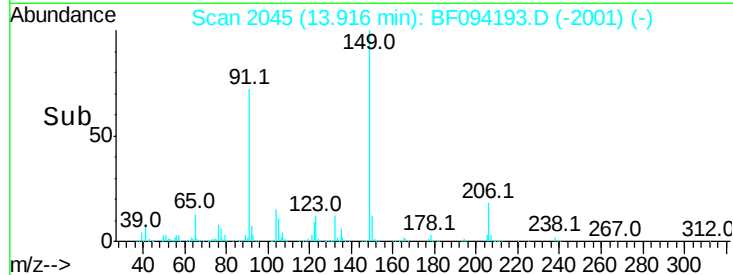
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



Time-->



#80

Benzo(a)anthracene

Concen: 49.73 ng

RT: 14.57 min Scan# 2156

Delta R.T. -0.05 min

Lab File: BF094193.D

Acq: 5 Apr 2017 17:01

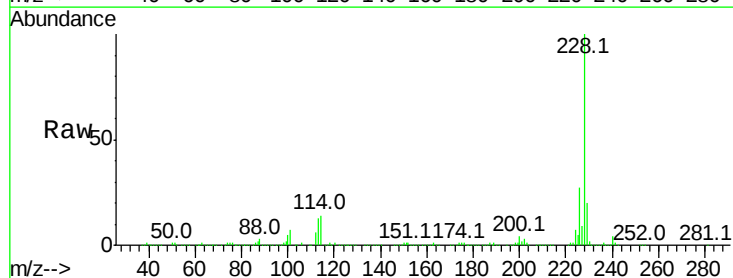
Tgt Ion:228 Resp: 1207316

Ion Ratio Lower Upper

228 100

226 27.3 22.6 33.8

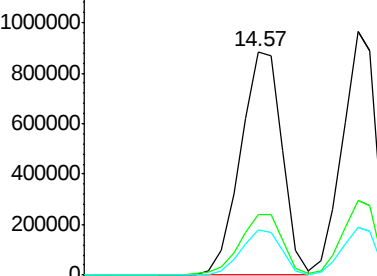
229 20.0 16.3 24.5



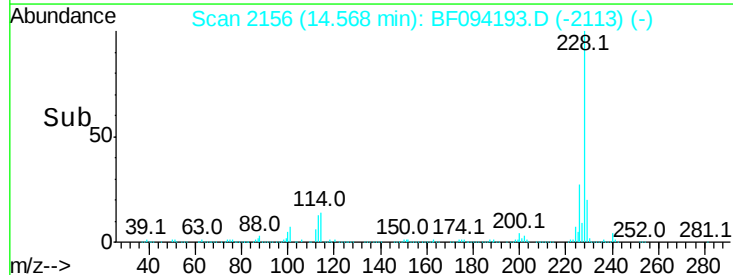
Abundance Ion 228.00 (227.70 to 228.70): E

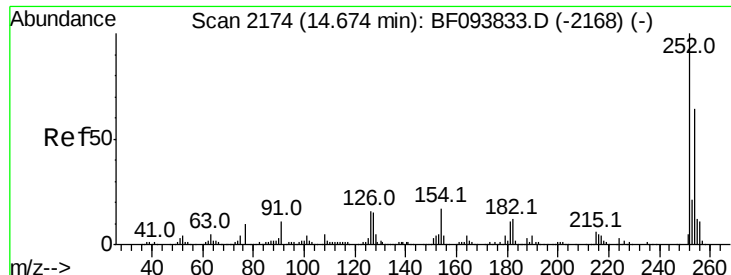
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->

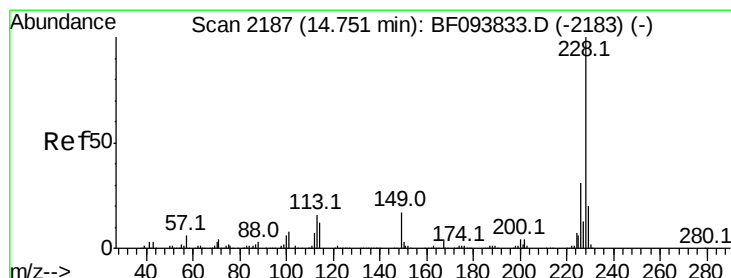
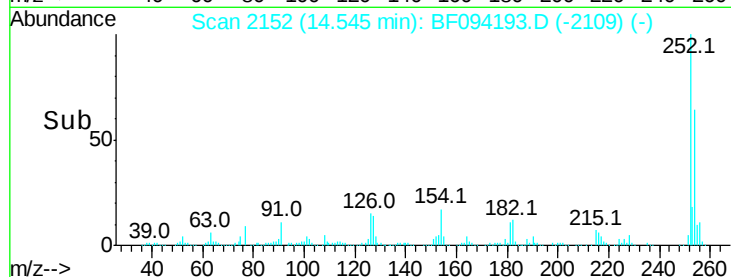
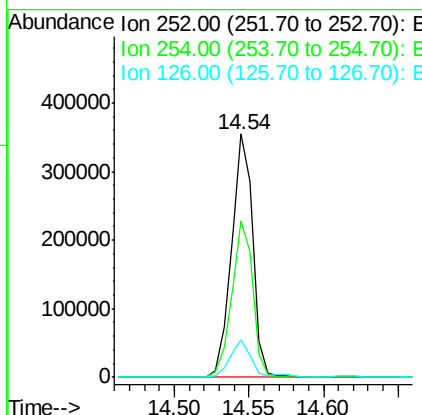
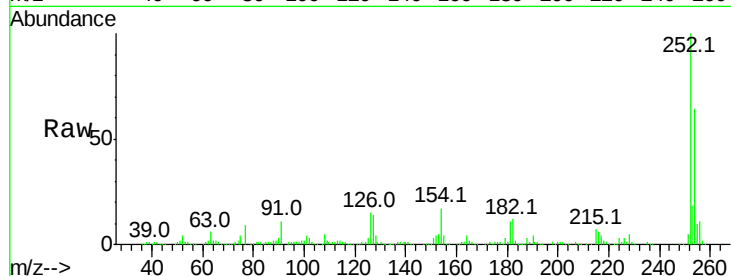




#81
 3,3'-Dichlorobenzidine
 Concen: 41.05 ng
 RT: 14.54 min Scan# 2152
 Delta R.T. -0.05 min
 Lab File: BF094193.D
 Acq: 5 Apr 2017 17:01

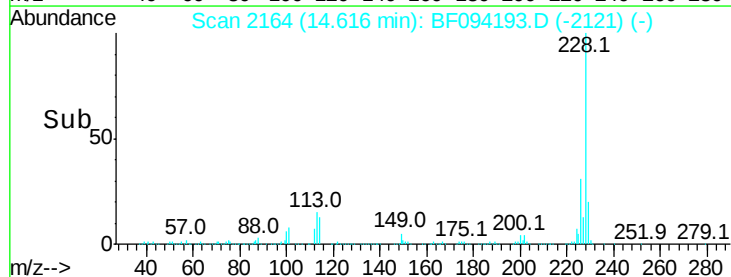
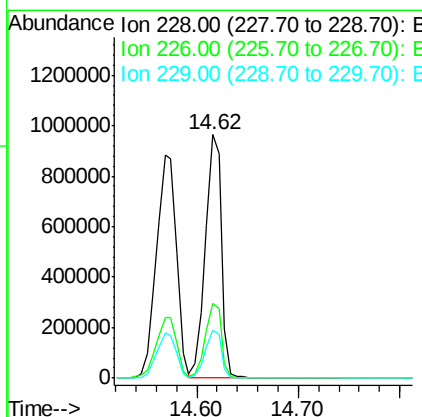
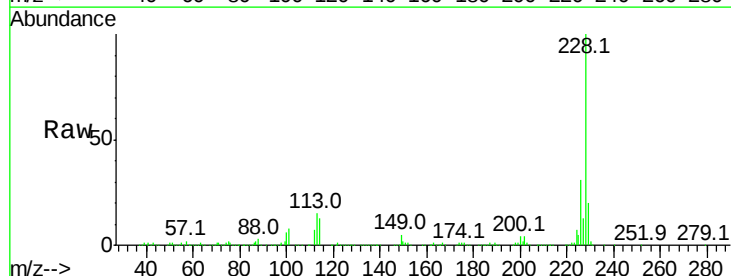
Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-3(0-7)MSD

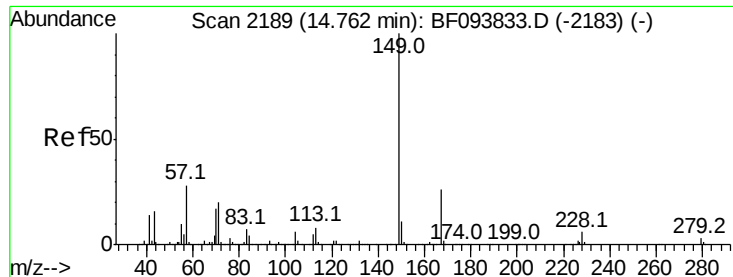
Tot Ion:252 Resp: 356213
 Ion Ratio Lower Upper
 252 100
 254 64.3 51.5 77.3
 126 15.3 15.8 23.8#



#82
 Chrysene
 Concen: 47.11 ng
 RT: 14.62 min Scan# 2164
 Delta R.T. -0.05 min
 Lab File: BF094193.D
 Acq: 5 Apr 2017 17:01

Tgt Ion:228 Resp: 1061295
 Ion Ratio Lower Upper
 228 100
 226 30.6 24.9 37.3
 229 19.7 15.8 23.6

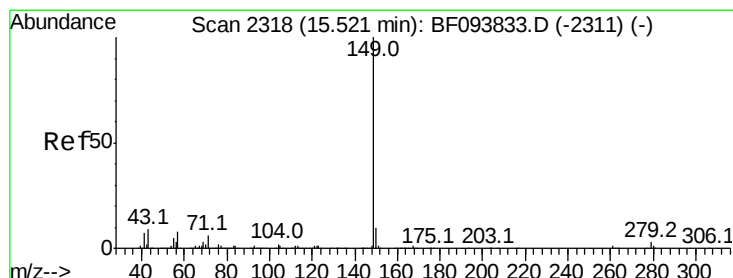
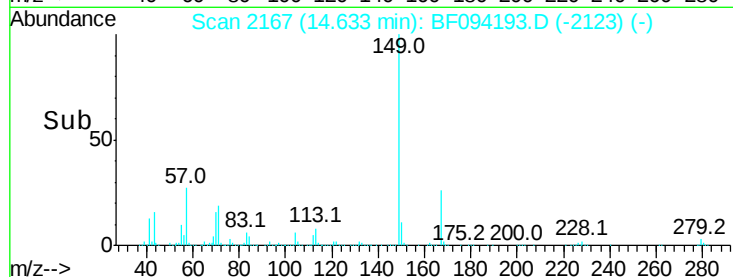
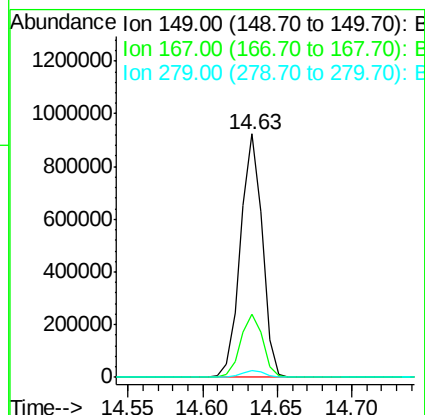
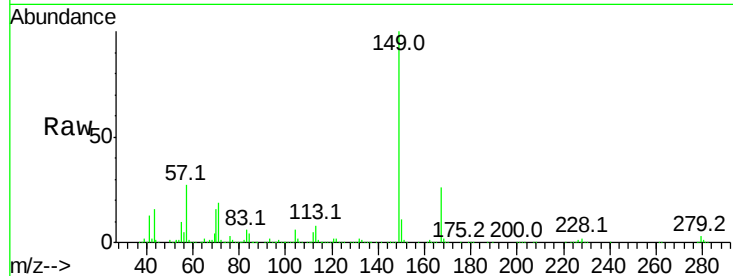




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 53.59 ng
 RT: 14.63 min Scan# 2167
 Delta R.T. -0.04 min
 Lab File: BF094193.D
 Acq: 5 Apr 2017 17:01

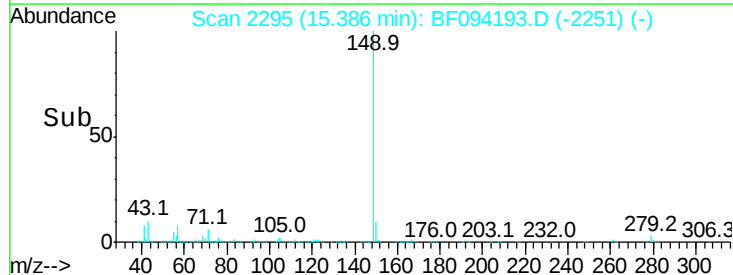
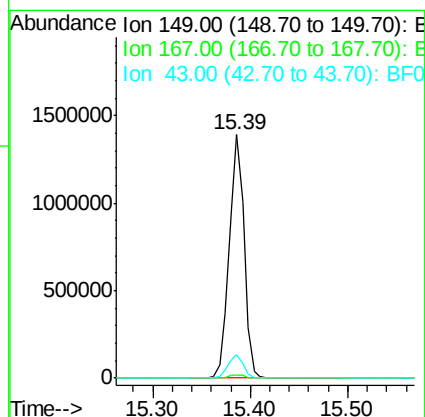
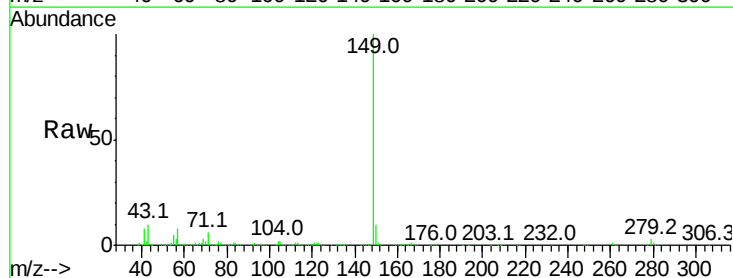
Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-3(0-7)MSD

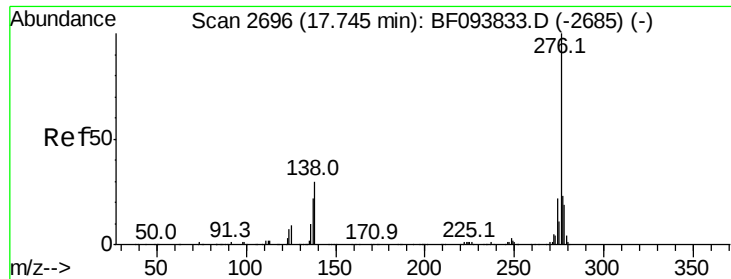
Tot Ion:149 Resp: 941281
 Ion Ratio Lower Upper
 149 100
 167 26.1 21.0 31.4
 279 2.9 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 49.96 ng
 RT: 15.39 min Scan# 2295
 Delta R.T. -0.04 min
 Lab File: BF094193.D
 Acq: 5 Apr 2017 17:01

Tgt Ion:149 Resp: 1465987
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.7 8.5 12.7

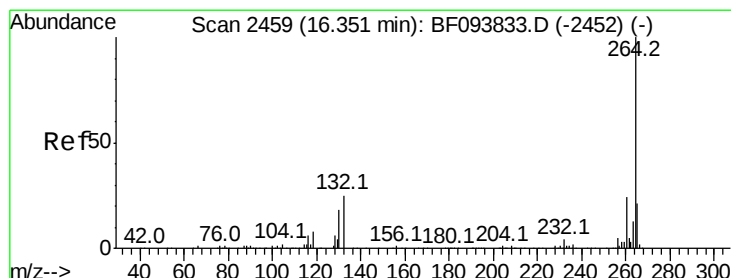
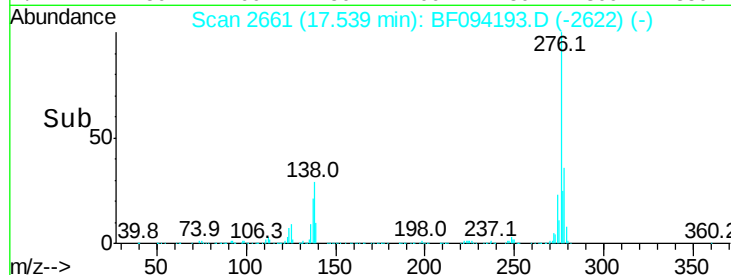
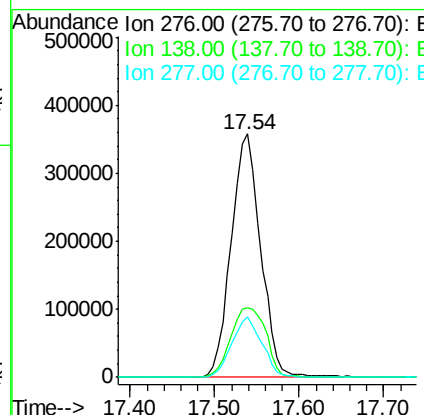
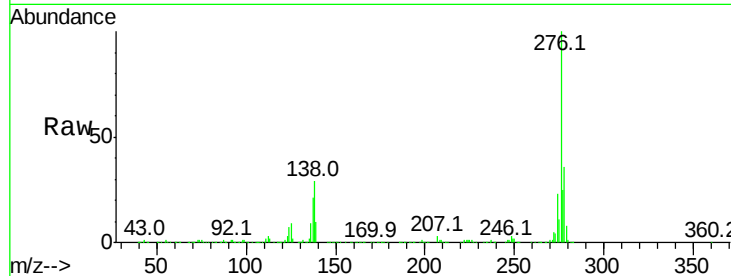




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.34 ng
 RT: 17.54 min Scan# 2661
 Delta R.T. -0.07 min
 Lab File: BF094193.D
 Acq: 5 Apr 2017 17:01

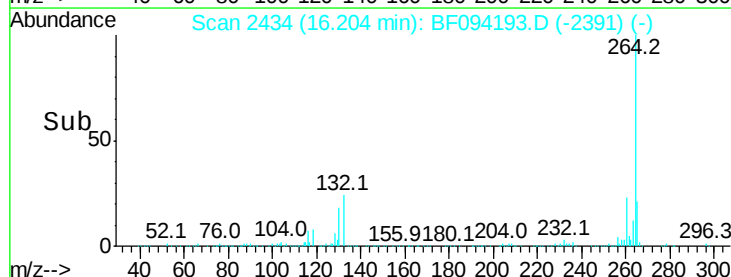
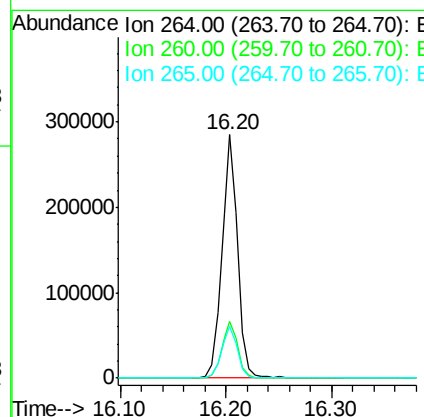
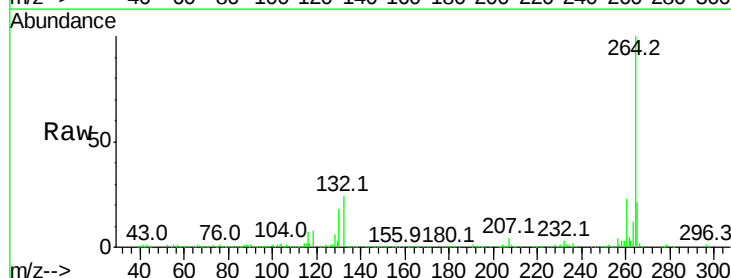
Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-3(0-7)MSD

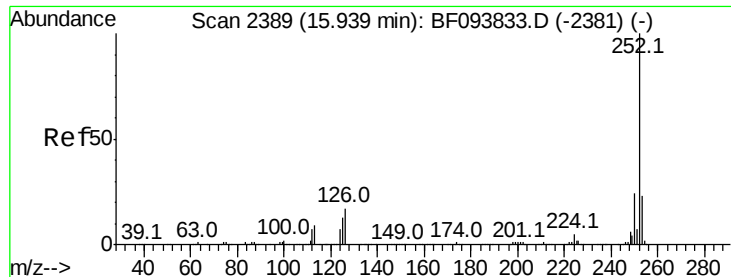
Tot Ion	Ratio	Lower	Upper
276	100		
138	34.6	27.8	41.6
277	25.4	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.20 min Scan# 2434
 Delta R.T. -0.05 min
 Lab File: BF094193.D
 Acq: 5 Apr 2017 17:01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	21.0	17.2	25.8

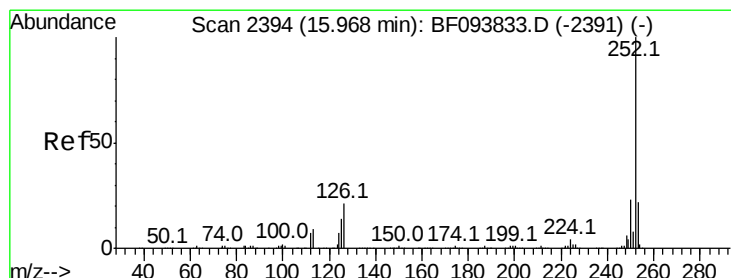
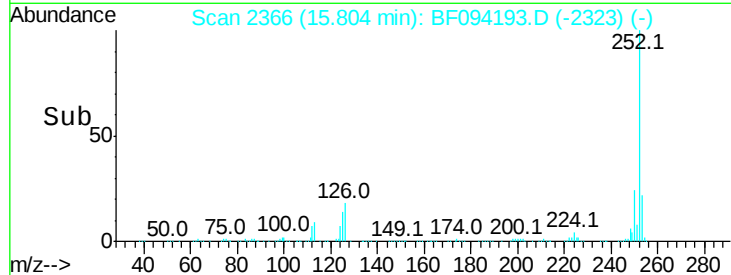
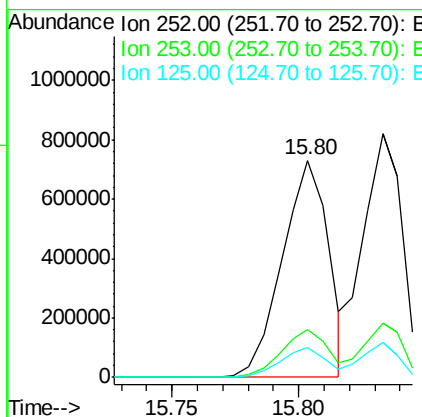
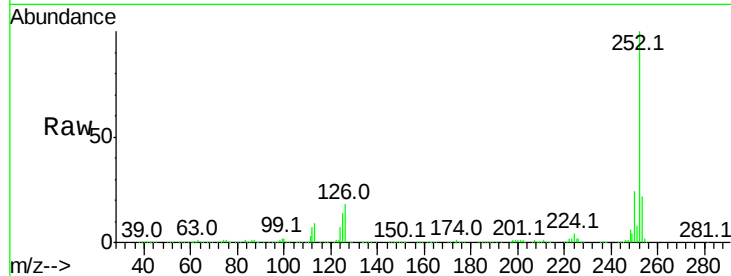




#87
Benzo(b)fluoranthene
Concen: 50.71 ng
RT: 15.80 min Scan# 2366
Delta R.T. -0.05 min
Lab File: BF094193.D
Acq: 5 Apr 2017 17:01

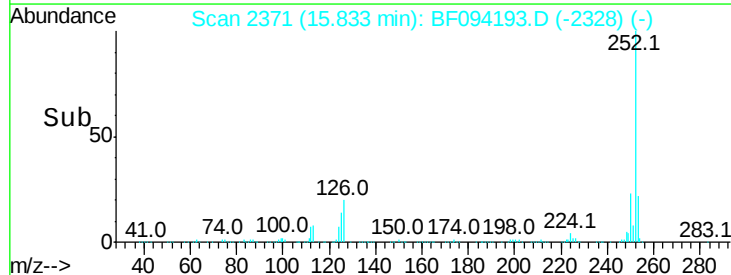
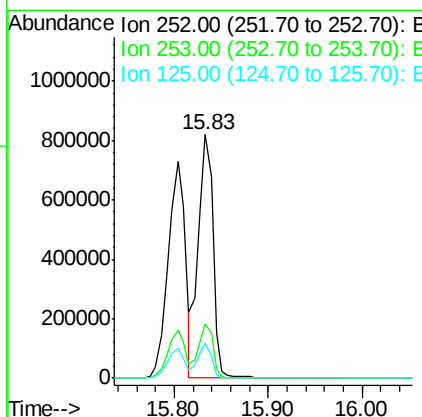
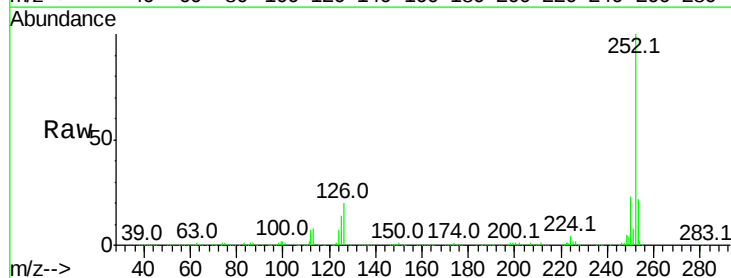
Instrument :
BNA_F
ClientSampleId :
CEMETERY-3(0-7)MSD

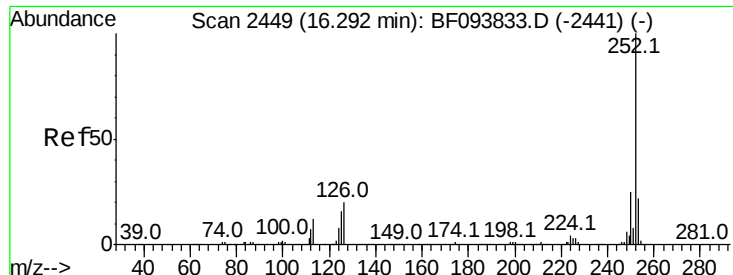
Tot Ion:252 Resp: 926497
Ion Ratio Lower Upper
252 100
253 22.1 18.1 27.1
125 13.8 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 50.32 ng
RT: 15.83 min Scan# 2371
Delta R.T. -0.05 min
Lab File: BF094193.D
Acq: 5 Apr 2017 17:01

Tgt Ion:252 Resp: 899480
Ion Ratio Lower Upper
252 100
253 22.0 18.4 27.6
125 14.1 13.1 19.7

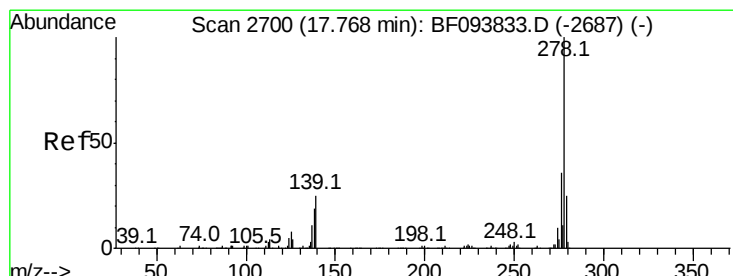
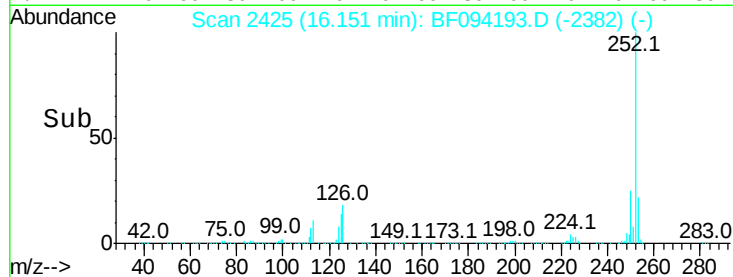
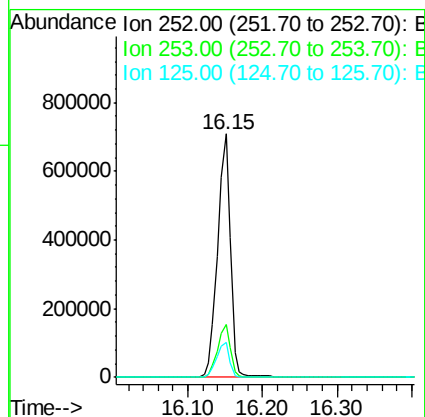
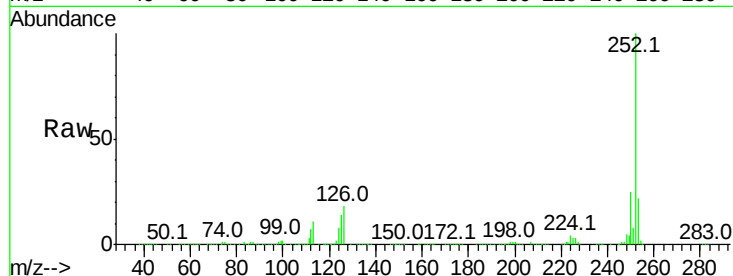




#89
Benzo(a)pyrene
Concen: 50.13 ng
RT: 16.15 min Scan# 2425
Delta R.T. -0.05 min
Lab File: BF094193.D
Acq: 5 Apr 2017 17:01

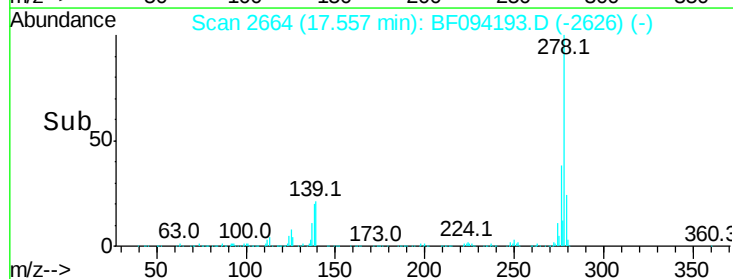
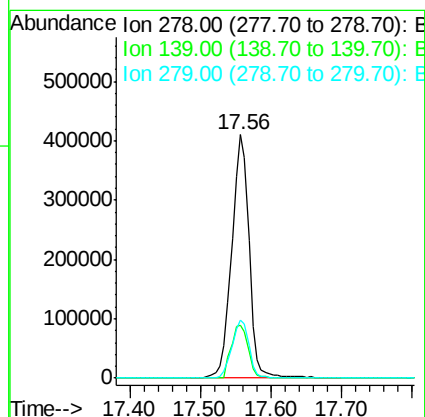
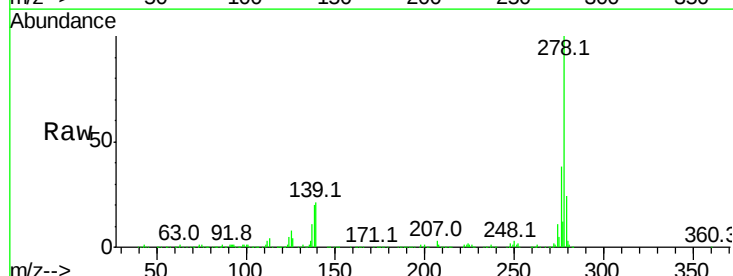
Instrument :
BNA_F
ClientSampleId :
CEMETERY-3(0-7)MSD

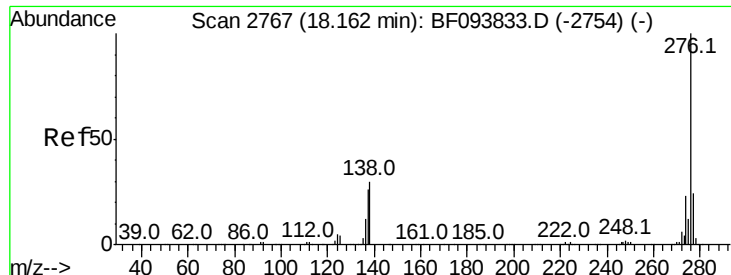
Tot Ion:252 Resp: 843426
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 14.3 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 49.52 ng
RT: 17.56 min Scan# 2664
Delta R.T. -0.08 min
Lab File: BF094193.D
Acq: 5 Apr 2017 17:01

Tgt Ion:278 Resp: 705583
Ion Ratio Lower Upper
278 100
139 21.5 16.6 24.8
279 24.0 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 50.90 ng

RT: 17.93 min Scan# 2728

Delta R.T. -0.08 min

Lab File: BF094193.D

Acq: 5 Apr 2017 17:01

Instrument :

BNA_F

ClientSampleId :

CEMETERY-3(0-7)MSD

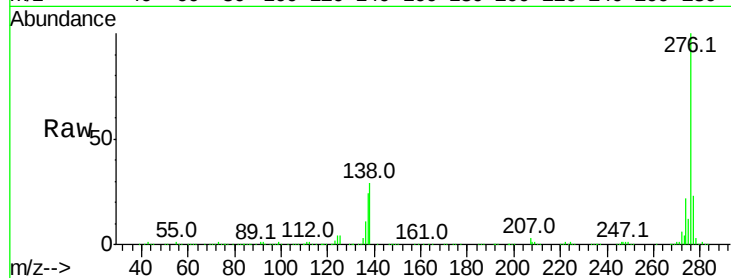
Tot Ion:276 Resp: 730919

Ion Ratio Lower Upper

276 100

277 23.2 18.6 28.0

138 28.5 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

