

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040517\
 Data File : BF094192.D
 Acq On : 5 Apr 2017 16:34
 Operator : SJ/MA
 Sample : I2523-15MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Apr 06 01:06:53 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	169748	20.00	ng	-0.04
21) Naphthalene-d8	7.37	136	687290	20.00	ng	-0.04
38) Acenaphthene-d10	9.51	164	316428	20.00	ng	-0.04
63) Phenanthrene-d10	11.33	188	565838	20.00	ng	-0.05
75) Chrysene-d12	14.58	240	443851	20.00	ng	-0.05
86) Perylene-d12	16.20	264	313825	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	4.40	112	1060086	105.48	ng	-0.03
7) Phenol-d6	5.47	99	1336409	107.49	ng	-0.04
23) Nitrobenzene-d5	6.52	82	832994	69.17	ng	-0.04
41) 2,4,6-Tribromophenol	10.49	330	285447	114.16	ng	-0.04
44) 2-Fluorobiphenyl	8.69	172	1526576	73.58	ng	-0.04
78) Terphenyl-d14	13.31	244	1271388	64.21	ng	-0.04

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.25	88	144319	29.89	ng	99
3) Pyridine	2.74	79	298436	22.68	ng	97
4) n-Nitrosodimethylamine	2.69	42	193557	35.75	ng	96
6) Aniline	5.49	93	473265	27.36	ng	# 34
8) 2-Chlorophenol	5.63	128	425791	38.54	ng	98
9) Benzaldehyde	5.36	77	222699	26.53	ng	96
10) Phenol	5.49	94	518490	36.65	ng	90
11) bis(2-Chloroethyl)ether	5.57	93	398216	36.02	ng	95
12) 1,3-Dichlorobenzene	5.80	146	448820	36.22	ng	100
13) 1,4-Dichlorobenzene	5.89	146	452147	36.03	ng	97
14) 1,2-Dichlorobenzene	6.06	146	421344	36.46	ng	98
15) Benzyl Alcohol	6.03	79	349009	38.35	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.20	45	550854	32.33	ng	96
17) 2-Methylphenol	6.17	107	345820	36.55	ng	98
18) Hexachloroethane	6.45	117	157078	35.61	ng	# 84
19) n-Nitroso-di-n-propylamine	6.35	70	288411	36.09	ng	97
20) 3+4-Methylphenols	6.36	107	453722	39.60	ng	# 64
22) Acetophenone	6.34	105	588067	38.39	ng	# 87
24) Nitrobenzene	6.54	77	431001	36.29	ng	90
25) Isophorone	6.83	82	771088	36.44	ng	# 94
26) 2-Nitrophenol	6.91	139	234234	41.35	ng	96
27) 2,4-Dimethylphenol	6.98	122	374605	38.38	ng	99
28) bis(2-Chloroethoxy)methane	7.09	93	500867	35.89	ng	99
29) 2,4-Dichlorophenol	7.21	162	364480	39.94	ng	99
30) 1,2,4-Trichlorobenzene	7.30	180	353910	37.65	ng	98
31) Naphthalene	7.39	128	1194224	36.14	ng	100
32) Benzoic acid	6.98	122	374605	57.66	ng	# 12
33) 4-Chloroaniline	7.46	127	433269	32.35	ng	# 94
34) Hexachlorobutadiene	7.55	225	175734	36.46	ng	99
35) Caprolactam	7.90	113	57429	19.73	ng	93
36) 4-Chloro-3-methylphenol	8.07	107	378656	39.71	ng	88
37) 2-Methylnaphthalene	8.24	142	835920	37.95	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.45	216	304041	35.12	ng	99
40) Hexachlorocyclopentadiene	8.43	237	287652	71.01	ng	99

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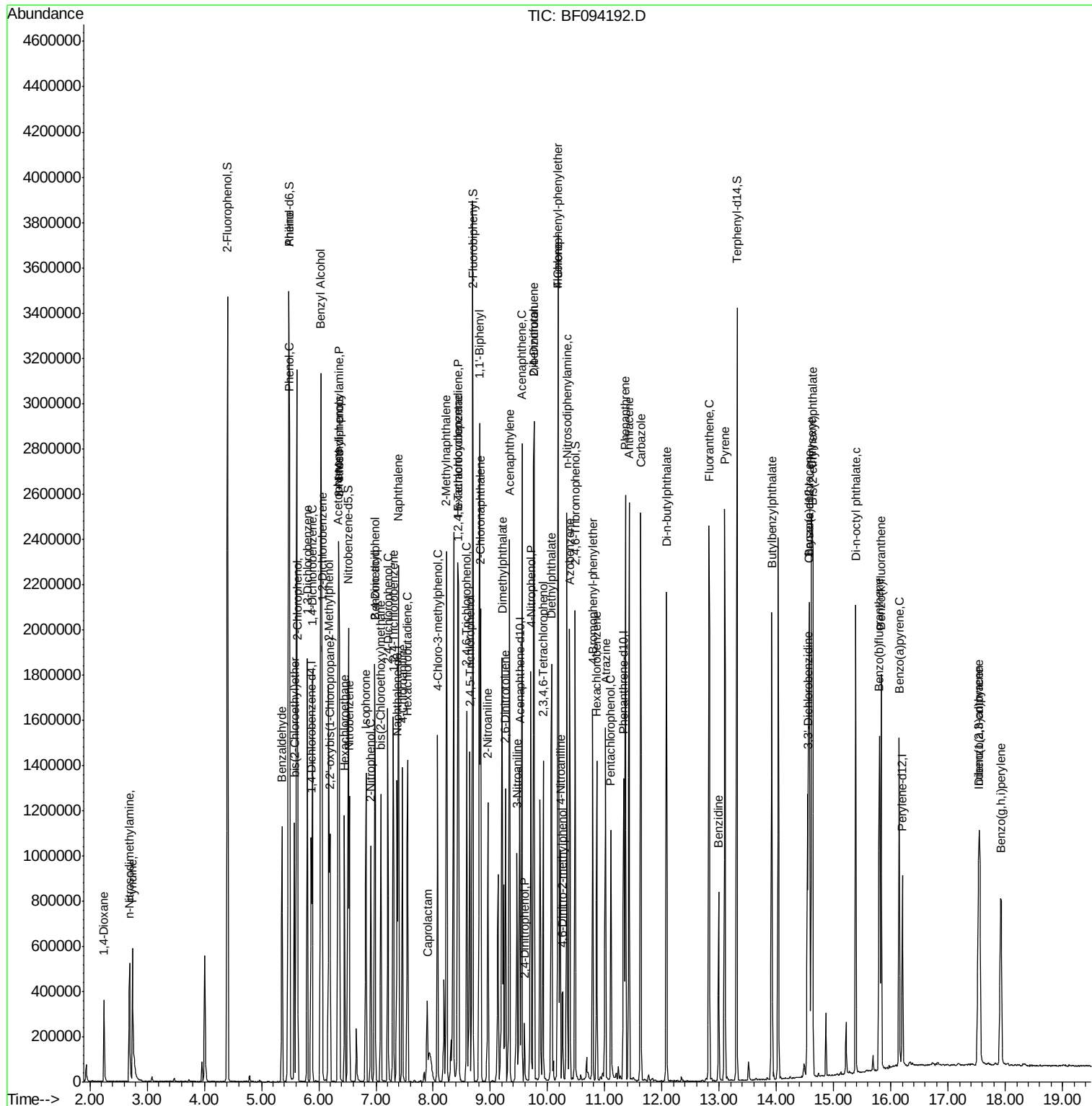
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.59	196	238430	38.93	nq	98
43) 2,4,5-Trichlorophenol	8.64	196	247477	37.34	nq	95
45) 1,1'-Biphenyl	8.81	154	935141	36.64	nq	98
46) 2-Chloronaphthalene	8.83	162	742698	37.17	nq	93
47) 2-Nitroaniline	8.96	65	227037	38.31	nq	87
48) Acenaphthylene	9.33	152	1177351	35.46	nq	99
49) Dimethylphthalate	9.20	163	984882	43.79	nq	98
50) 2,6-Dinitrotoluene	9.26	165	199959	38.78	nq	# 86
51) Acenaphthene	9.55	154	700036	36.13	nq	100
52) 3-Nitroaniline	9.47	138	203158	33.55	nq	85
53) 2,4-Dinitrophenol	9.60	184	37320	17.40	nq	# 71
54) Dibenzofuran	9.76	168	1003748	38.06	nq	99
55) 4-Nitrophenol	9.71	139	321469	67.80	nq	# 70
56) 2,4-Dinitrotoluene	9.76	165	242199	37.39	nq	# 69
57) Fluorene	10.19	166	781488	35.73	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.92	232	173915	38.25	nq	98
59) Diethylphthalate	10.07	149	844622	37.99	nq	99
60) 4-Chlorophenyl-phenylether	10.19	204	337446	36.22	nq	89
61) 4-Nitroaniline	10.22	138	225698	38.85	nq	96
62) Azobenzene	10.39	77	818165	38.90	nq	96
64) 4,6-Dinitro-2-methylphenol	10.26	198	57388	16.56	nq	# 68
65) n-Nitrosodiphenylamine	10.34	169	722134	36.90	nq	99
66) 4-Bromophenyl-phenylether	10.79	248	205528	36.93	nq	96
67) Hexachlorobenzene	10.86	284	209892	37.26	nq	# 89
68) Atrazine	11.01	200	213251	36.38	nq	95
69) Pentachlorophenol	11.11	266	134219	38.28	nq	98
70) Phenanthrene	11.36	178	1137053	36.12	nq	98
71) Anthracene	11.43	178	1184925	36.56	nq	98
72) Carbazole	11.63	167	1108528	33.36	nq	98
73) Di-n-butylphthalate	12.08	149	1307659	37.84	nq	99
74) Fluoranthene	12.82	202	1177915	36.55	nq	99
76) Benzidine	12.99	184	353250	20.11	nq	# 92
77) Pyrene	13.10	202	1182443	36.71	nq	99
79) Butylbenzylphthalate	13.92	149	553094	40.30	nq	# 85
80) Benzo(a)anthracene	14.57	228	957579	37.00	nq	98
81) 3,3'-Dichlorobenzidine	14.54	252	263054	28.43	nq	# 96
82) Chrysene	14.62	228	849468	35.37	nq	99
83) Bis(2-ethylhexyl)phthalate	14.63	149	745173	39.80	nq	# 99
84) Di-n-octyl phthalate	15.39	149	1151279	36.80	nq	98
85) Indeno(1,2,3-cd)pyrene	17.53	276	654262	31.45	nq	99
87) Benzo(b)fluoranthene	15.80	252	744507	38.70	nq	100
88) Benzo(k)fluoranthene	15.83	252	697718	37.07	nq	# 95
89) Benzo(a)pyrene	16.14	252	653187	36.87	nq	98
90) Dibenzo(a,h)anthracene	17.55	278	544210	36.28	nq	97
91) Benzo(g,h,i)perylene	17.93	276	558580	36.95	nq	95

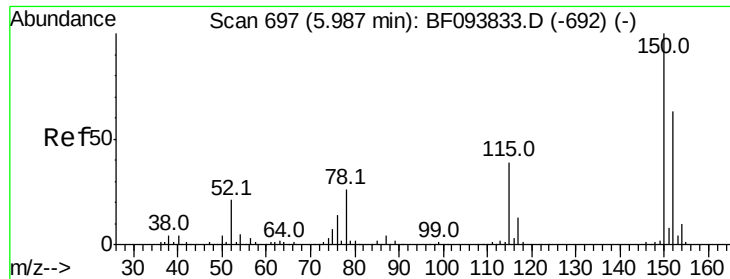
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.86 min Scan# 676

Delta R.T. -0.04 min

Lab File: BF094192.D

Acq: 5 Apr 2017 16:34

Instrument :

BNA_F

ClientSampleId :

CEMETERY-3(0-7)MS

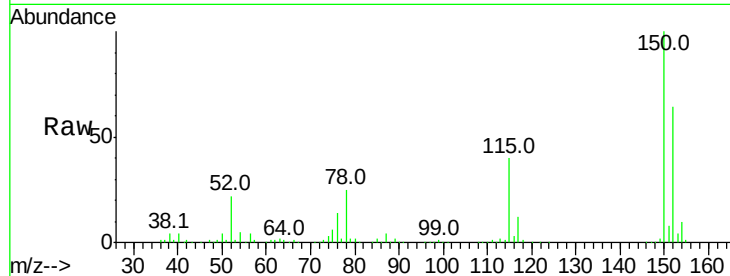
Tot Ion:152 Resp: 169748

Ion Ratio Lower Upper

152 100

150 156.9 126.2 189.2

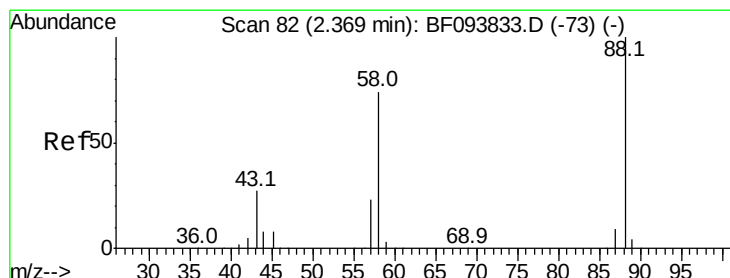
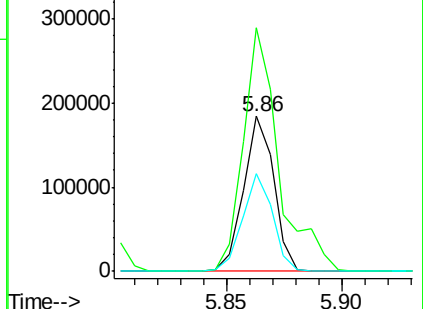
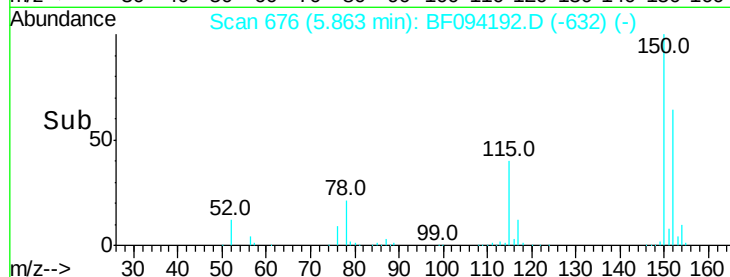
115 62.9 52.2 78.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 29.89 ng

RT: 2.25 min Scan# 61

Delta R.T. -0.01 min

Lab File: BF094192.D

Acq: 5 Apr 2017 16:34

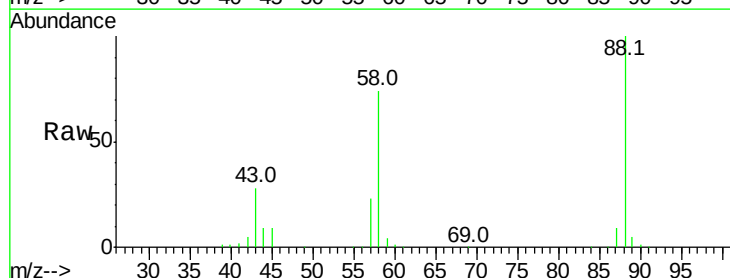
Tgt Ion: 88 Resp: 144319

Ion Ratio Lower Upper

88 100

58 75.5 61.4 92.0

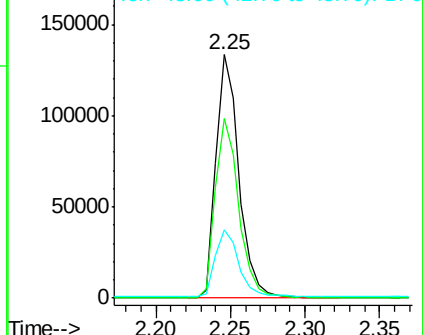
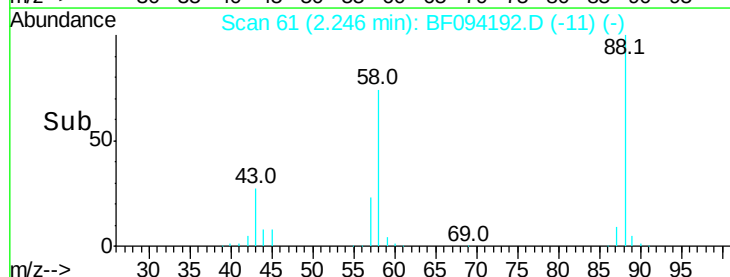
43 29.0 23.4 35.0

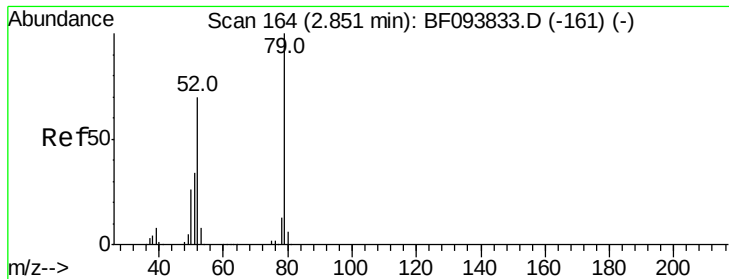


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 22.68 ng

RT: 2.74 min Scan# 145

Delta R.T. -0.01 min

Lab File: BF094192.D

Acq: 5 Apr 2017 16:34

Instrument :

BNA_F

ClientSampleId :

CEMETERY-3(0-7)MS

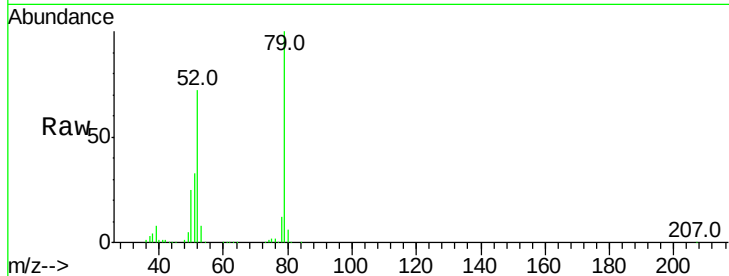
Tot Ion: 79 Resp: 298436

Ion Ratio Lower Upper

79 100

52 71.9 54.8 82.2

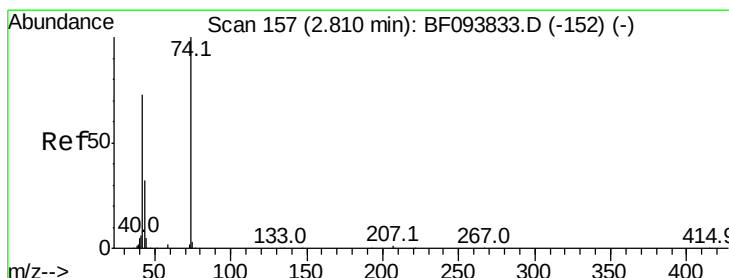
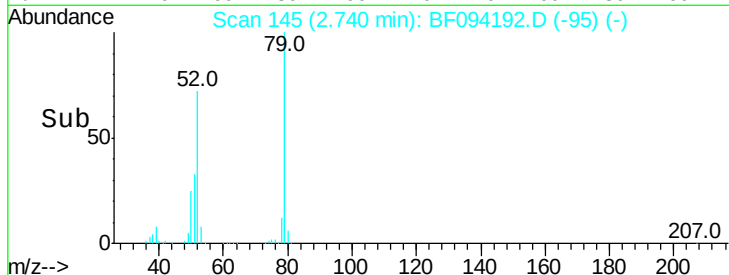
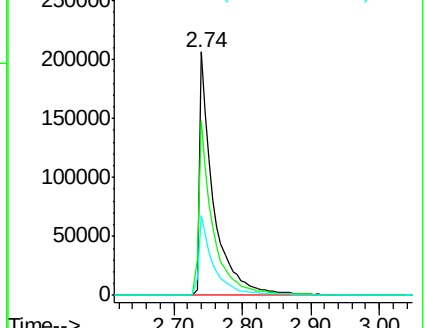
51 32.7 27.0 40.4



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: 35.75 ng

RT: 2.69 min Scan# 137

Delta R.T. -0.02 min

Lab File: BF094192.D

Acq: 5 Apr 2017 16:34

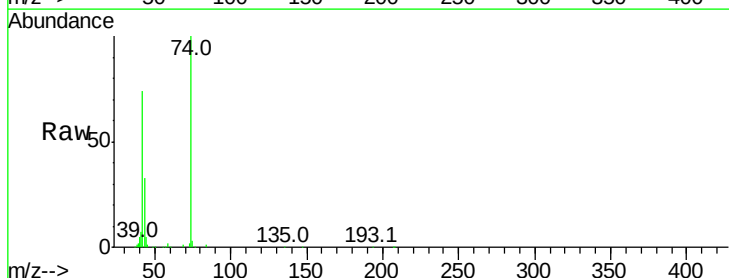
Tgt Ion: 42 Resp: 193557

Ion Ratio Lower Upper

42 100

74 135.1 103.9 155.9

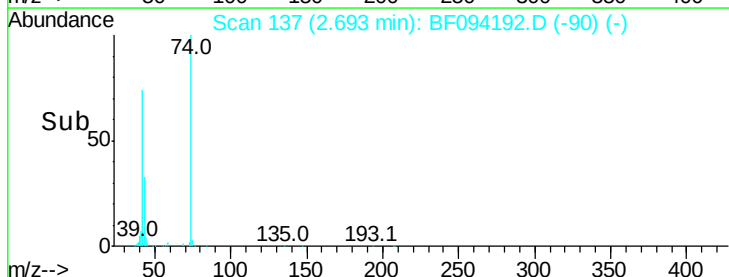
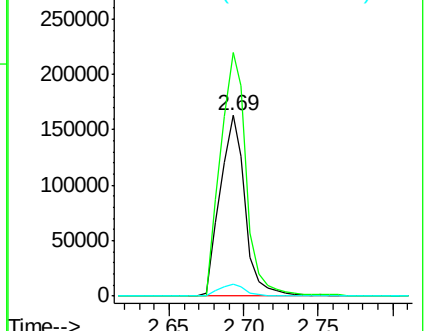
44 6.3 5.7 8.5

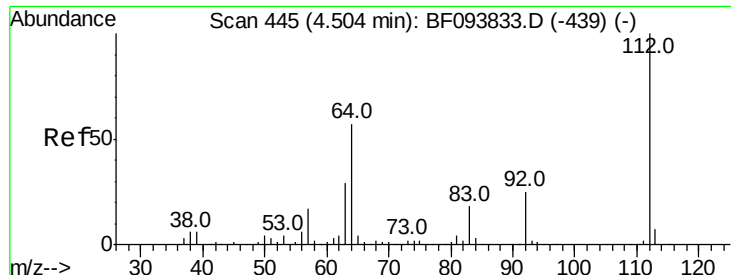


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0



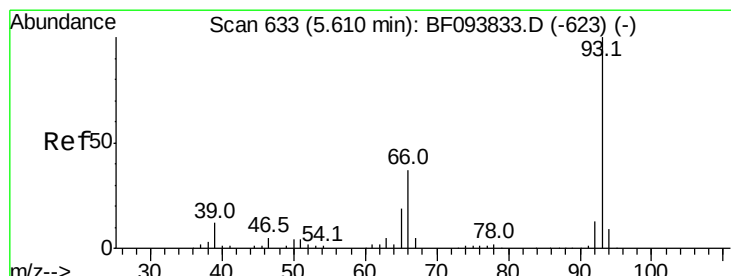
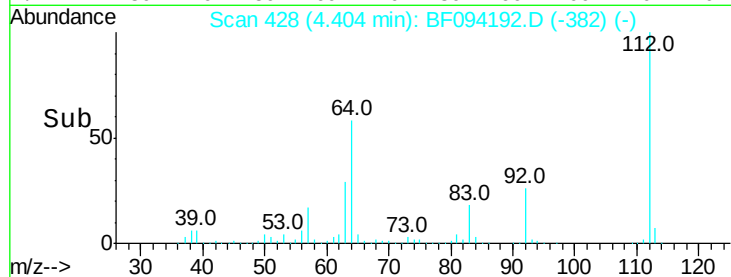
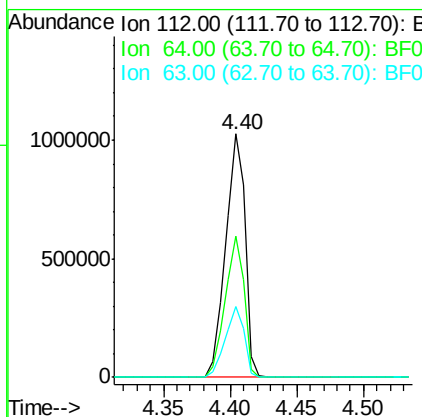
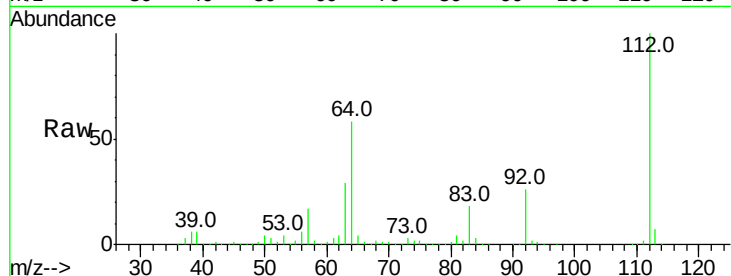


#5
 2-Fluorophenol
 Concen: 105.48 ng
 RT: 4.40 min Scan# 428
 Delta R.T. -0.03 min
 Lab File: BF094192.D
 Acq: 5 Apr 2017 16:34

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

Tot Ion: 112 Resp: 1060086

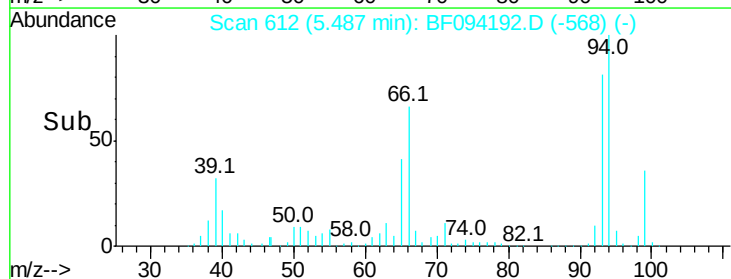
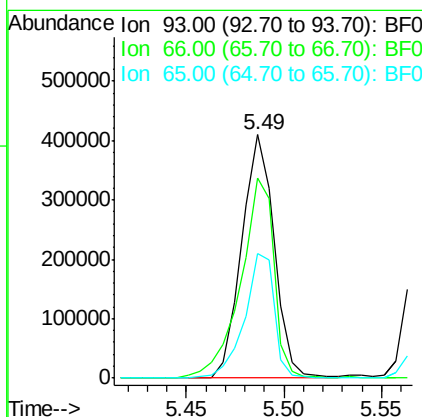
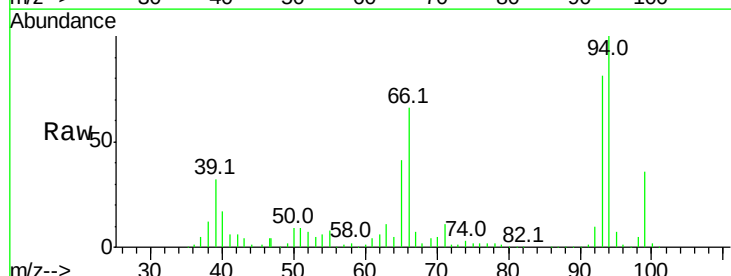
Ion	Ratio	Lower	Upper
112	100		
64	58.0	46.0	69.0
63	29.0	23.4	35.0

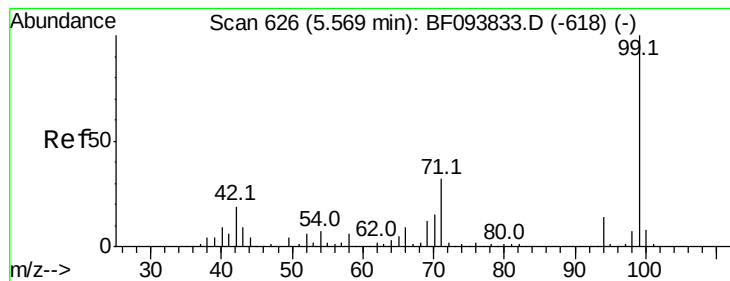


#6
 Aniline
 Concen: 27.36 ng
 RT: 5.49 min Scan# 612
 Delta R.T. -0.04 min
 Lab File: BF094192.D
 Acq: 5 Apr 2017 16:34

Tgt Ion: 93 Resp: 473265

Ion	Ratio	Lower	Upper
93	100		
66	82.2	32.9	49.3#
65	51.0	16.0	24.0#





#7

Phenol-d6

Concen: 107.49 ng

RT: 5.47 min Scan# 610

Delta R.T. -0.04 min

Lab File: BF094192.D

Acq: 5 Apr 2017 16:34

Instrument :

BNA_F

ClientSampleId :

CEMETERY-3(0-7)MS

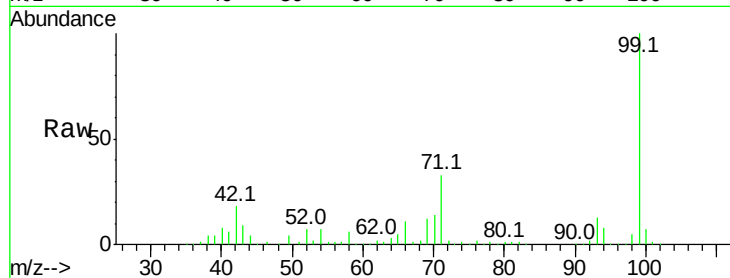
Tot Ion: 99 Resp: 1336409

Ion Ratio Lower Upper

99 100

42 18.0 13.5 20.3

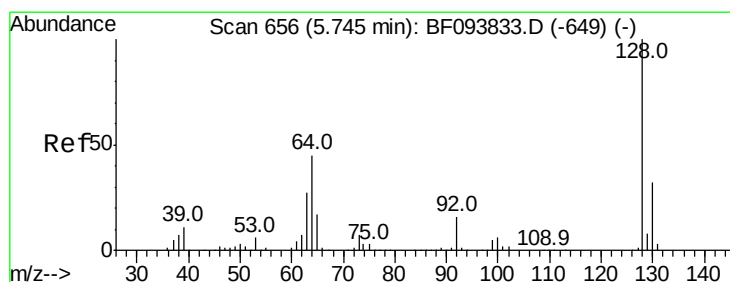
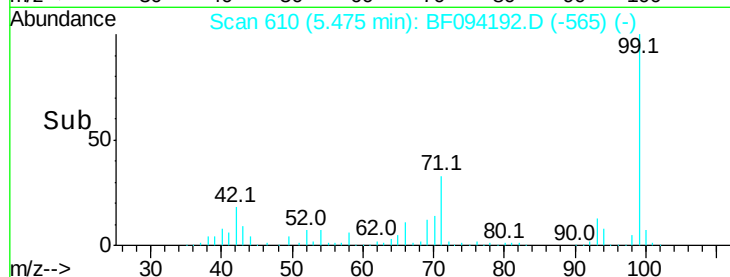
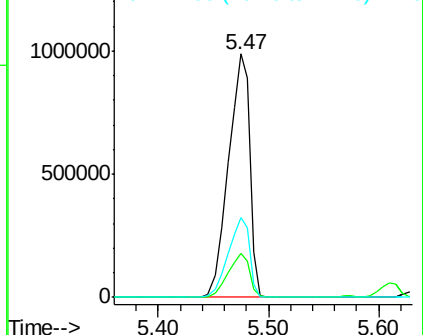
71 32.8 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.54 ng

RT: 5.63 min Scan# 636

Delta R.T. -0.04 min

Lab File: BF094192.D

Acq: 5 Apr 2017 16:34

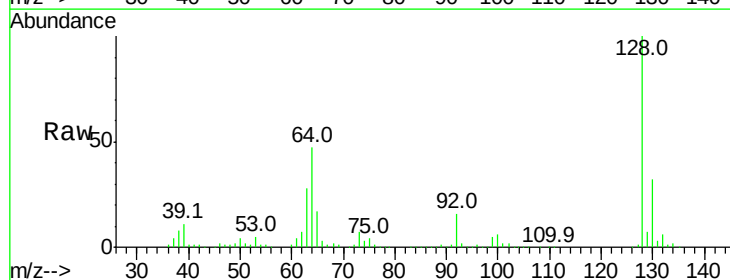
Tgt Ion:128 Resp: 425791

Ion Ratio Lower Upper

128 100

130 31.5 12.9 52.9

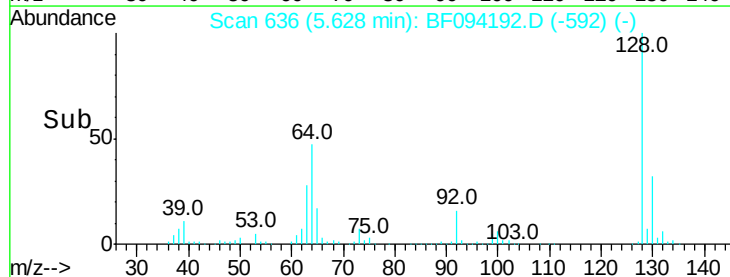
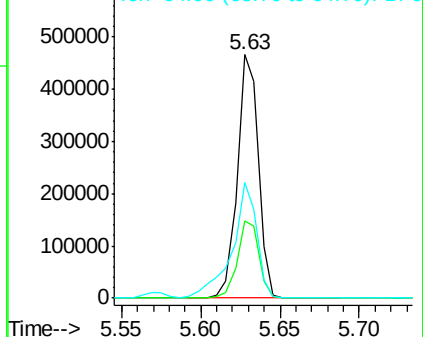
64 47.5 28.4 68.4

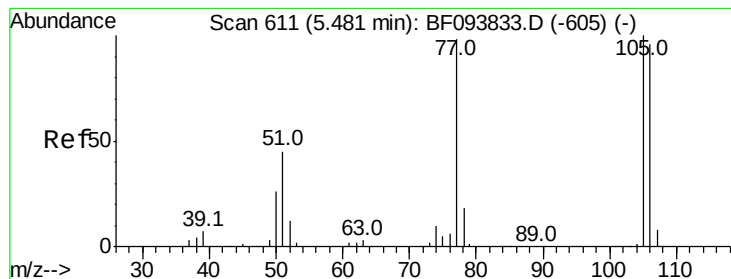


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 26.53 ng

RT: 5.36 min Scan# 590

Delta R.T. -0.04 min

Lab File: BF094192.D

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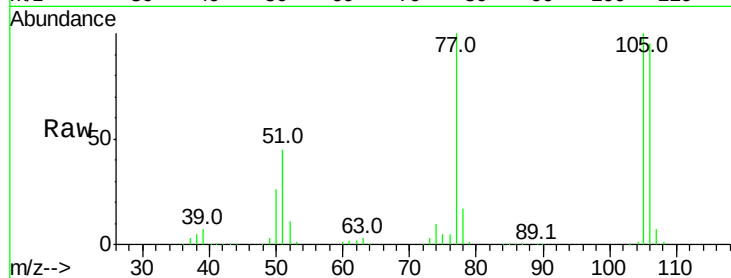
Tot Ion: 77 Resp: 222699

Ion Ratio Lower Upper

77 100

105 99.5 83.8 123.8

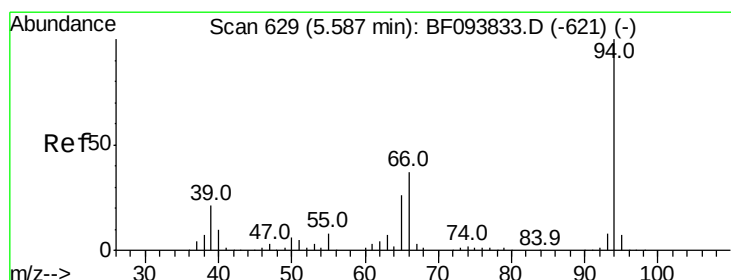
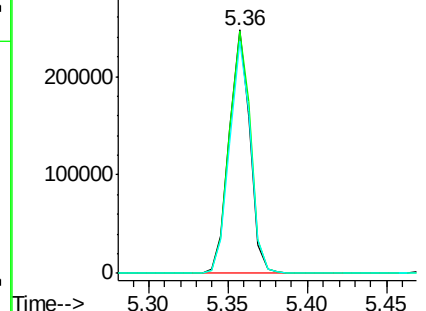
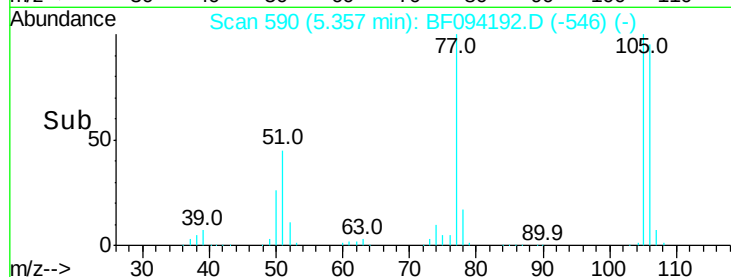
106 95.3 79.1 119.1



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: 36.65 ng

RT: 5.49 min Scan# 613

Delta R.T. -0.04 min

Lab File: BF094192.D

Acq: 5 Apr 2017 16:34

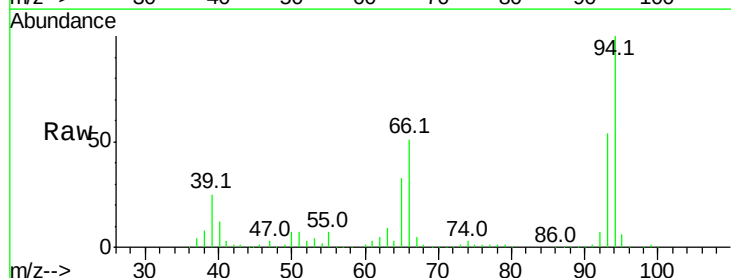
Tgt Ion: 94 Resp: 518490

Ion Ratio Lower Upper

94 100

65 33.4 9.9 49.9

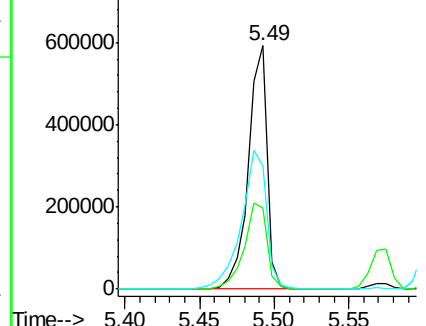
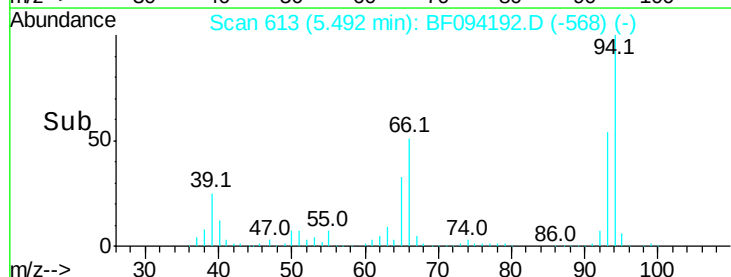
66 50.9 23.1 63.1

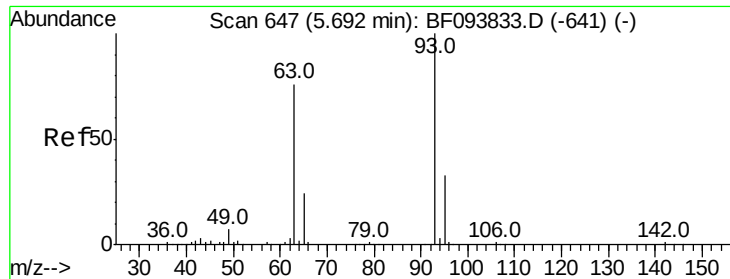


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

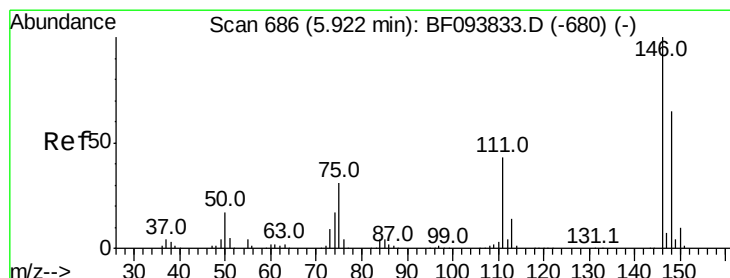
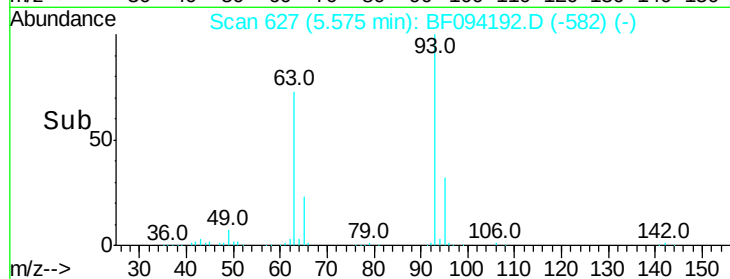
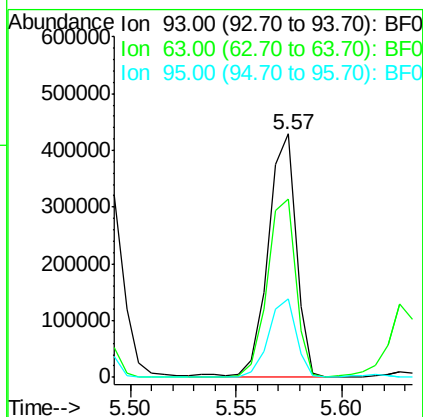
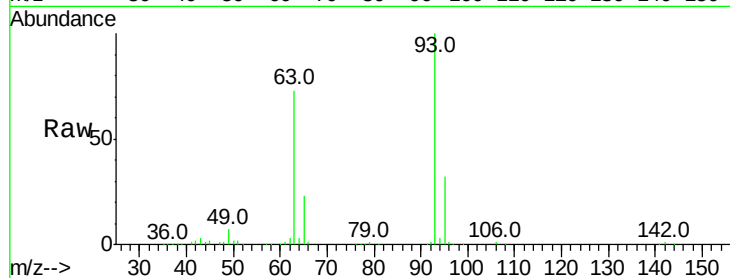




#11
bis(2-Chloroethyl)ether
Concen: 36.02 ng
RT: 5.57 min Scan# 627
Delta R.T. -0.04 min
Lab File: BF094192.D
Acq: 5 Apr 2017 16:34

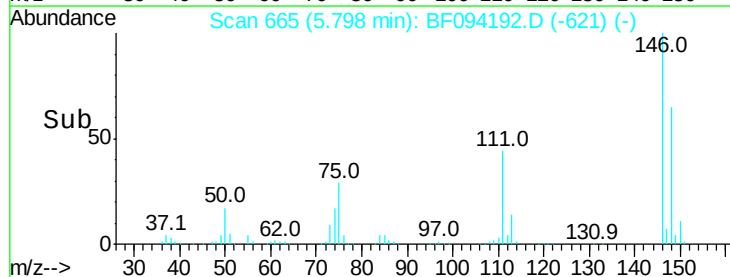
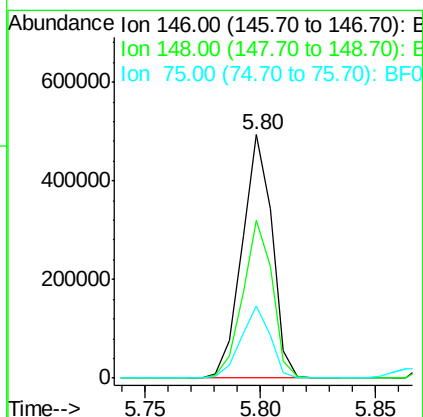
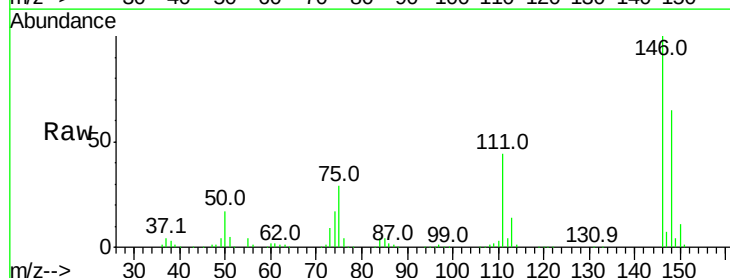
Instrument :
BNA_F
ClientSampleId :
CEMETERY-3(0-7)MS

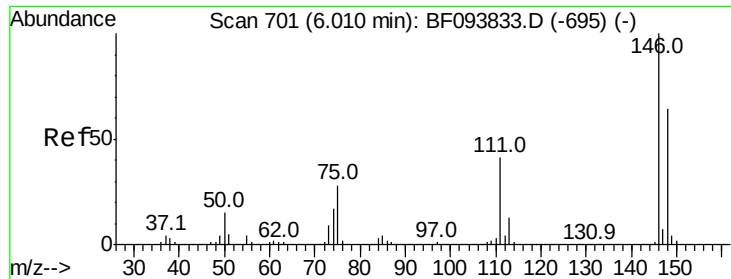
Tot Ion: 93 Resp: 398216
Ion Ratio Lower Upper
93 100
63 73.4 59.2 99.2
95 32.1 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 36.22 ng
RT: 5.80 min Scan# 665
Delta R.T. -0.04 min
Lab File: BF094192.D
Acq: 5 Apr 2017 16:34

Tgt Ion: 146 Resp: 448820
Ion Ratio Lower Upper
146 100
148 64.6 51.8 77.6
75 29.4 23.1 34.7

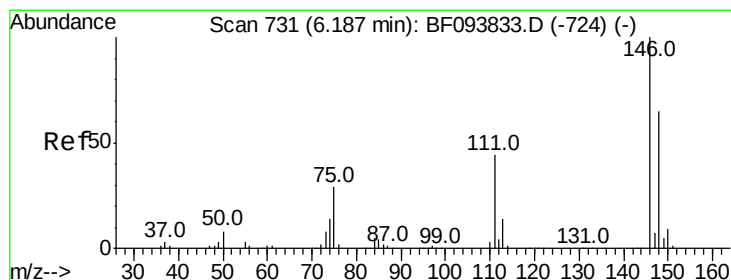
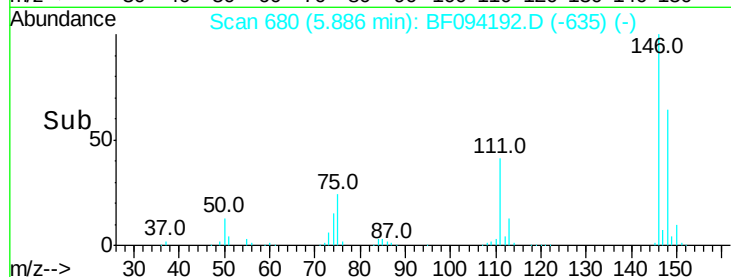
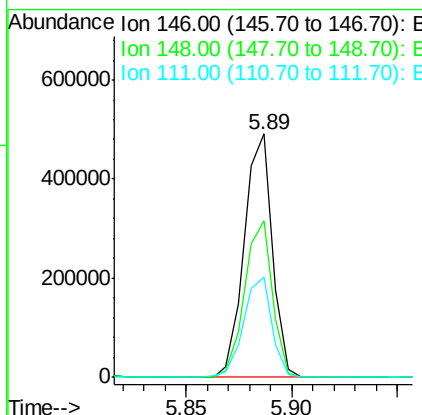
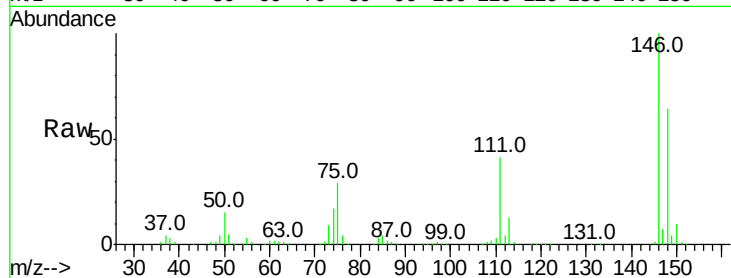




#13
 1,4-Dichlorobenzene
 Concen: 36.03 ng
 RT: 5.89 min Scan# 680
 Delta R.T. -0.04 min
 Lab File: BF094192.D
 Acq: 5 Apr 2017 16:34

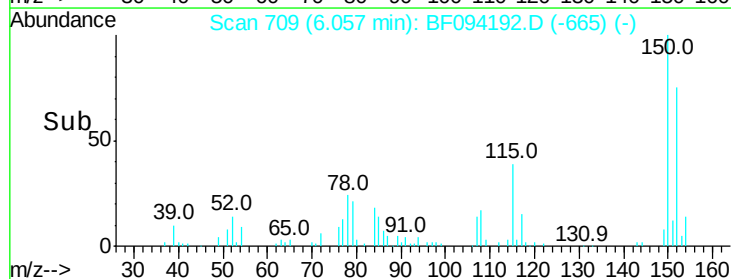
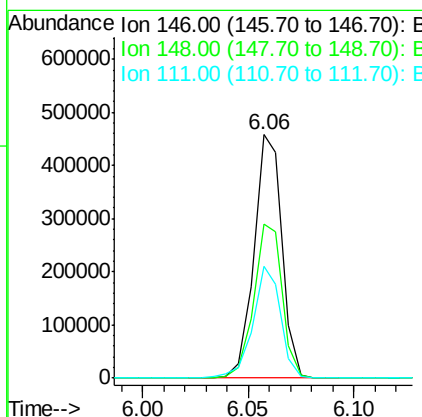
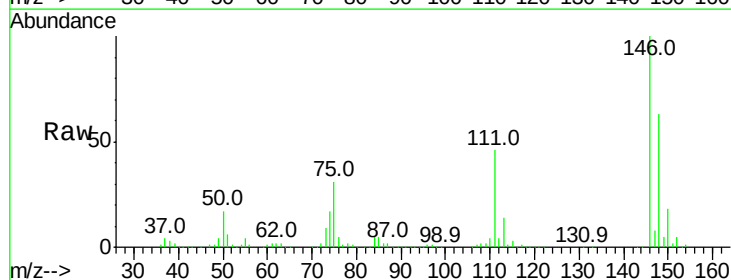
Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-3(0-7)MS

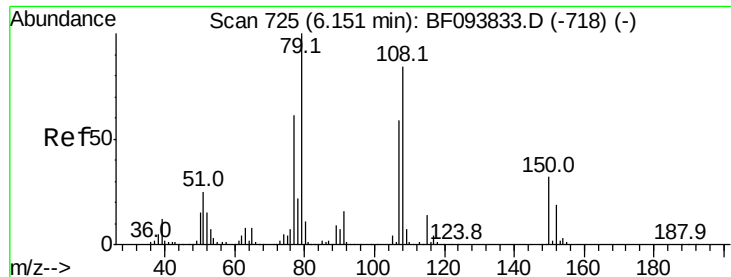
Tot Ion:146 Resp: 452147
 Ion Ratio Lower Upper
 146 100
 148 64.1 52.2 78.2
 111 41.0 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 36.46 ng
 RT: 6.06 min Scan# 709
 Delta R.T. -0.04 min
 Lab File: BF094192.D
 Acq: 5 Apr 2017 16:34

Tgt Ion:146 Resp: 421344
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.4 75.6
 111 45.8 38.2 57.4





#15

Benzyl Alcohol

Concen: 38.35 ng

RT: 6.03 min Scan# 705

Delta R.T. -0.04 min

Lab File: BF094192.D

Acq: 5 Apr 2017 16:34

Instrument :

BNA_F

ClientSampleId :

CEMETERY-3(0-7)MS

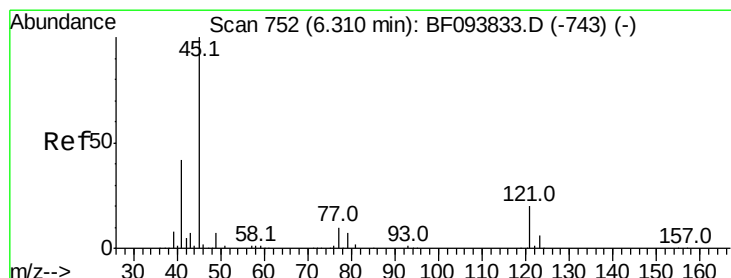
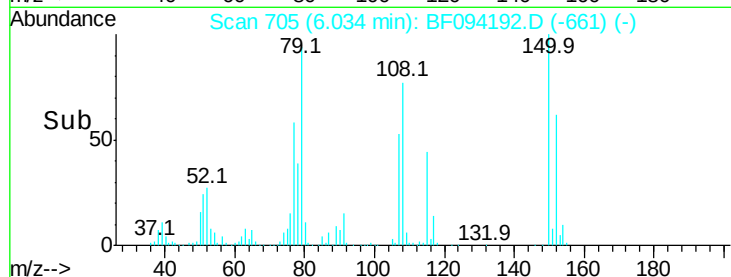
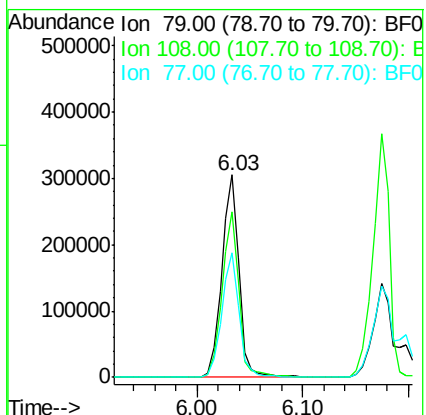
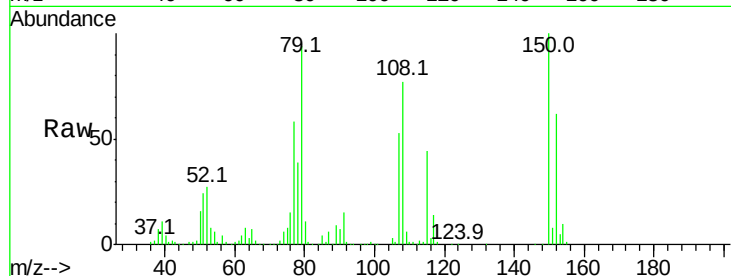
Tot Ion: 79 Resp: 349009

Ion Ratio Lower Upper

79 100

108 81.5 63.4 95.0

77 61.4 49.2 73.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.33 ng

RT: 6.20 min Scan# 733

Delta R.T. -0.03 min

Lab File: BF094192.D

Acq: 5 Apr 2017 16:34

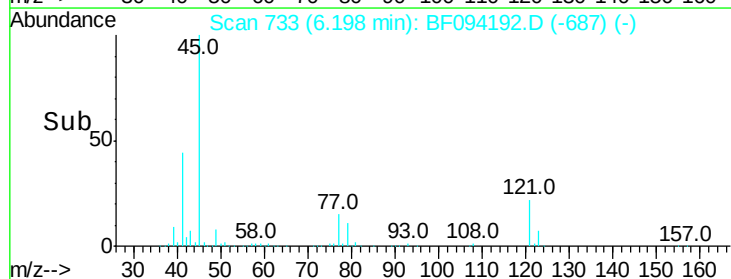
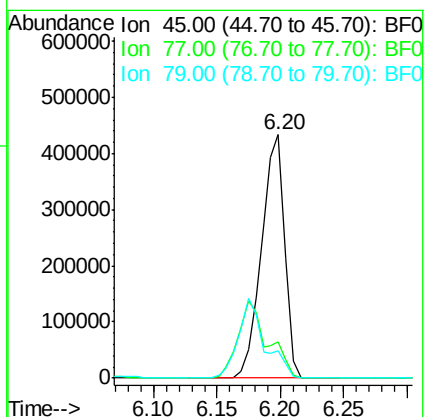
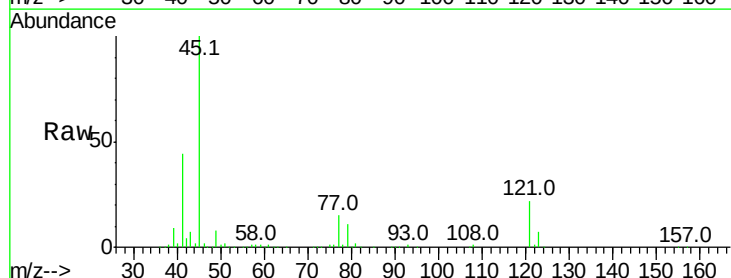
Tgt Ion: 45 Resp: 550854

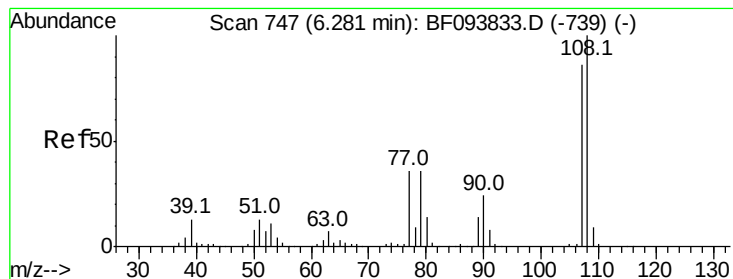
Ion Ratio Lower Upper

45 100

77 14.7 0.0 33.2

79 11.4 0.0 30.0

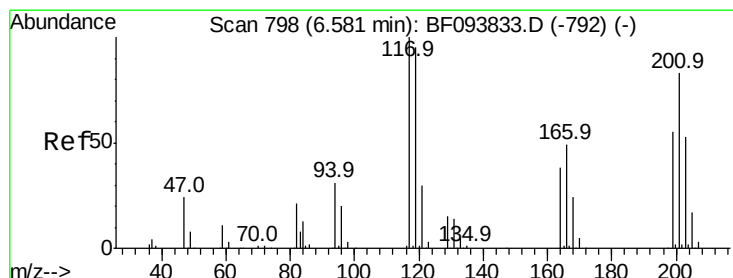
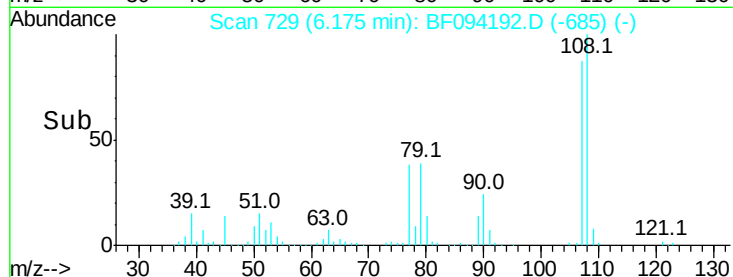
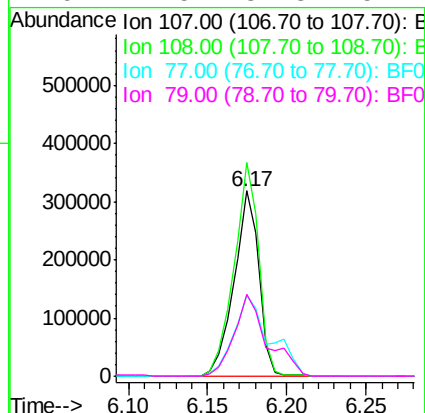
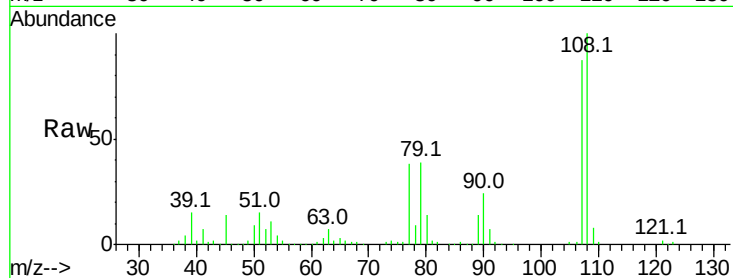




#17
2-Methylphenol
Concen: 36.55 ng
RT: 6.17 min Scan# 729
Delta R.T. -0.04 min
Lab File: BF094192.D
Acq: 5 Apr 2017 16:34

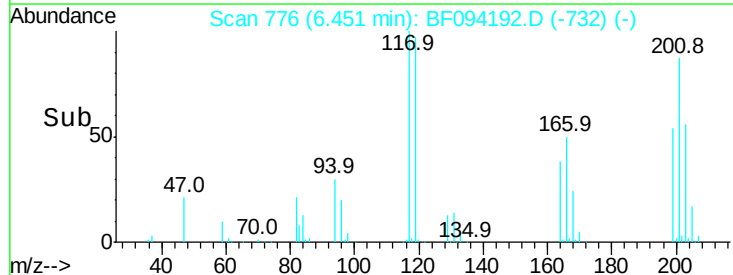
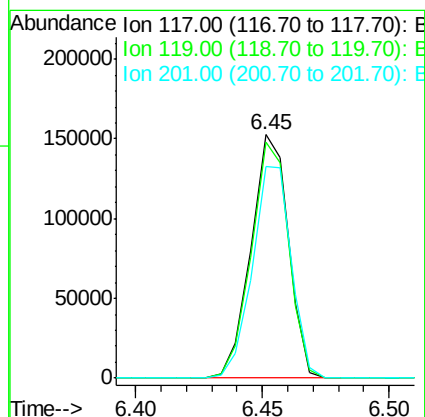
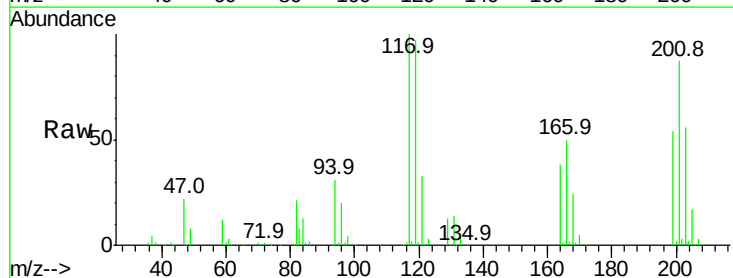
Instrument :
BNA_F
ClientSampleId :
CEMETERY-3(0-7)MS

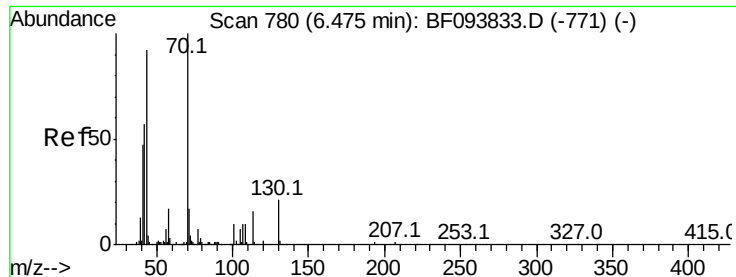
Tot Ion:107 Resp: 345820
Ion Ratio Lower Upper
107 100
108 115.2 93.4 140.0
77 43.4 35.8 53.6
79 44.5 34.8 52.2



#18
Hexachloroethane
Concen: 35.61 ng
RT: 6.45 min Scan# 776
Delta R.T. -0.04 min
Lab File: BF094192.D
Acq: 5 Apr 2017 16:34

Tgt Ion:117 Resp: 157078
Ion Ratio Lower Upper
117 100
119 97.0 77.4 116.0
201 87.0 94.6 141.8#

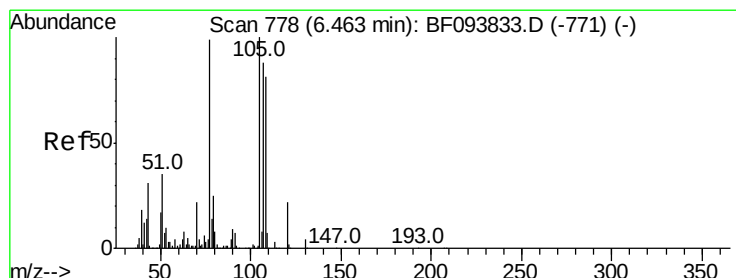
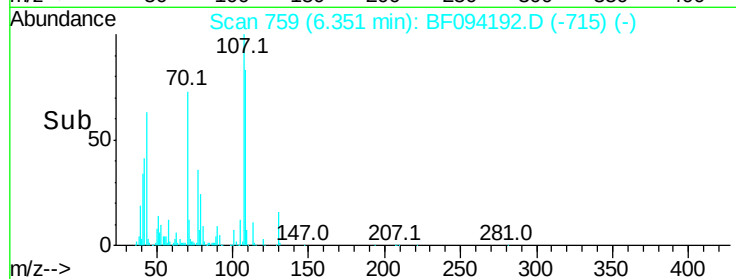
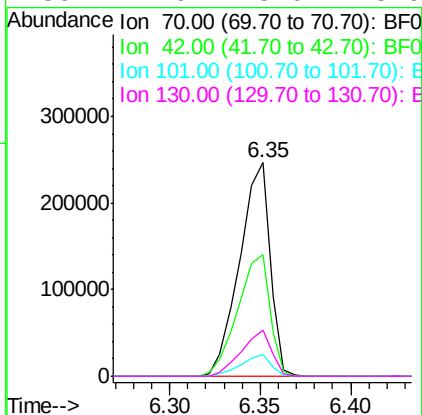
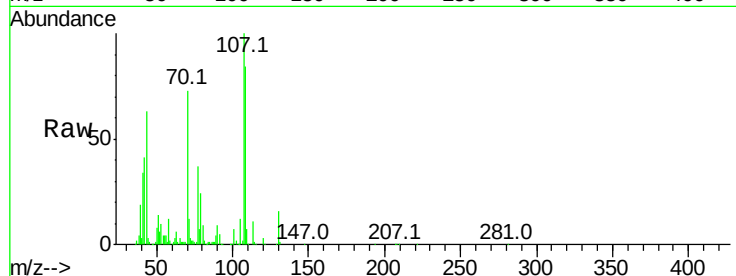




#19
n-Nitroso-di-n-propylamine
Concen: 36.09 ng
RT: 6.35 min Scan# 759
Delta R.T. -0.04 min
Lab File: BF094192.D
Acq: 5 Apr 2017 16:34

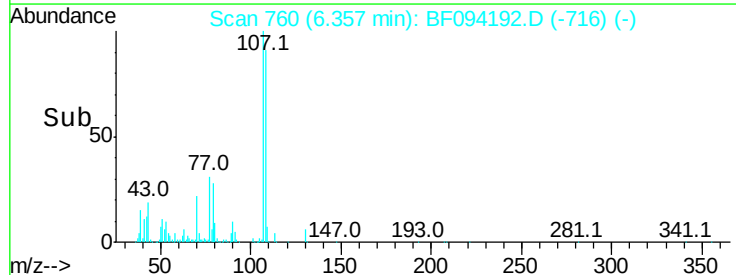
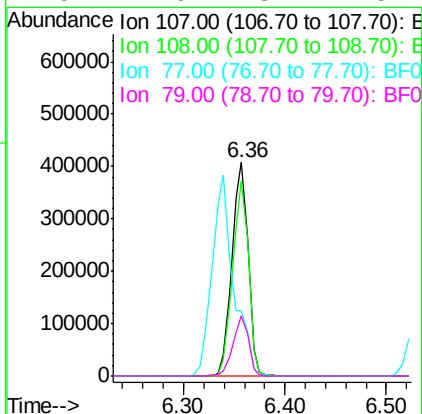
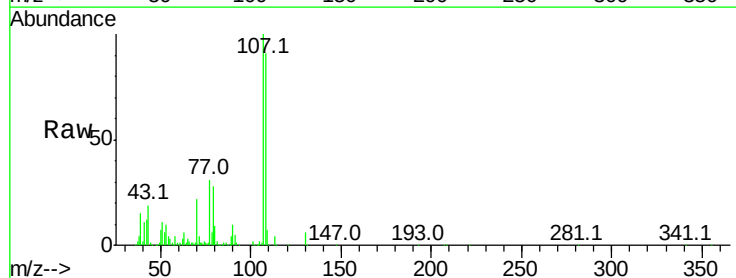
Instrument :
BNA_F
ClientSampleId :
CEMETERY-3(0-7)MS

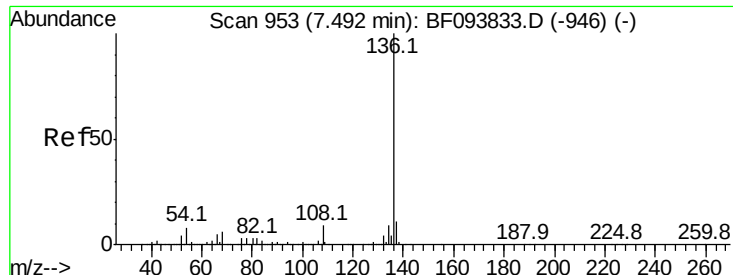
Tot Ion:	70	Resp:	288411
Ion	Ratio	Lower	Upper
70	100		
42	57.0	47.2	70.8
101	9.9	7.2	10.8
130	21.9	15.9	23.9



#20
3+4-Methylphenols
Concen: 39.60 ng
RT: 6.36 min Scan# 760
Delta R.T. -0.04 min
Lab File: BF094192.D
Acq: 5 Apr 2017 16:34

Tgt Ion:	107	Resp:	453722
Ion	Ratio	Lower	Upper
107	100		
108	91.0	71.0	111.0
77	30.8	90.5	130.5#
79	27.9	8.4	48.4

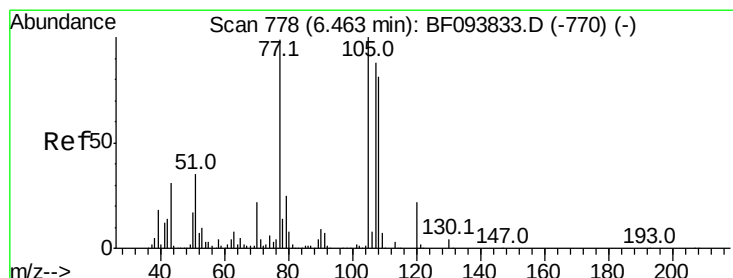
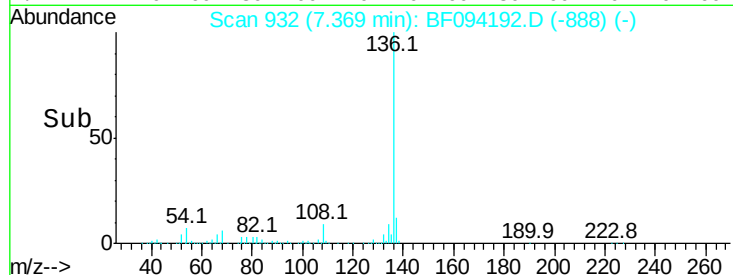
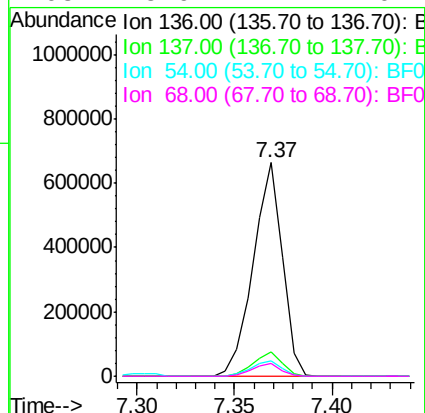
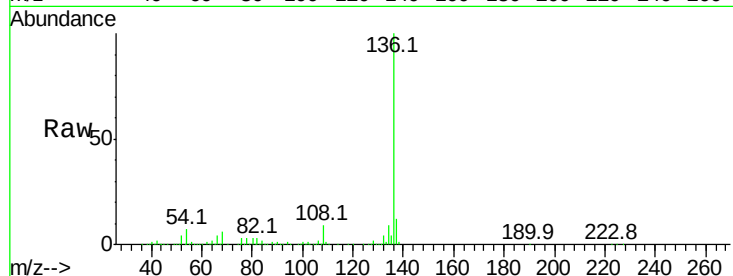




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.37 min Scan# 932
Delta R.T. -0.04 min
Lab File: BF094192.D
Acq: 5 Apr 2017 16:34

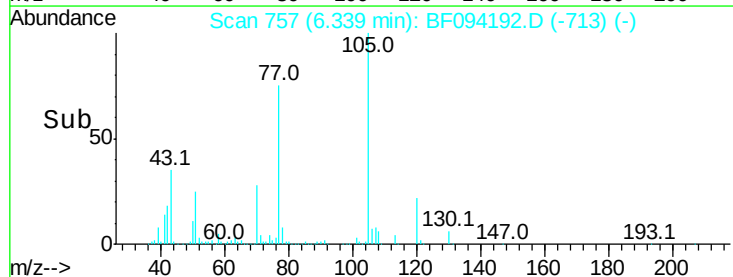
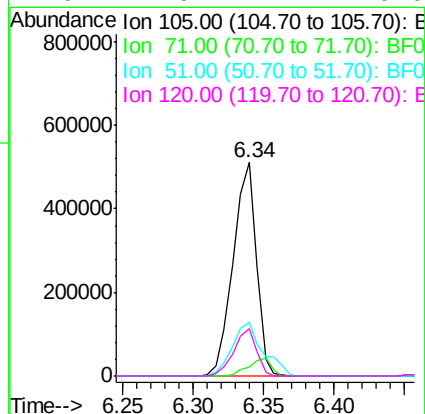
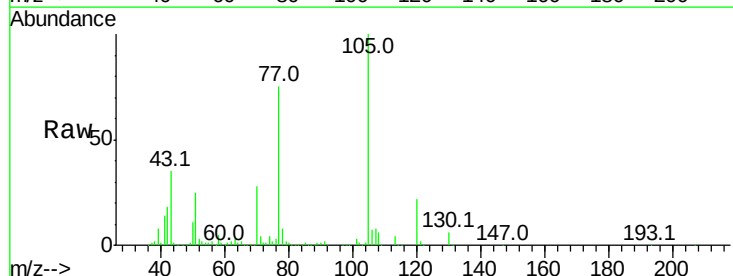
Instrument :
BNA_F
ClientSampleId :
CEMETERY-3(0-7)MS

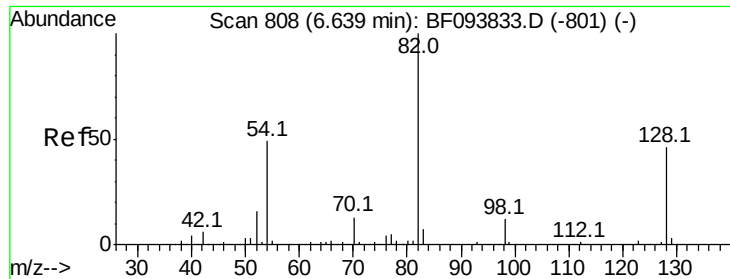
Tot Ion:136	Resp: 687290
Ion Ratio	Lower Upper
136 100	
137 11.6	8.5 12.7
54 7.1	4.9 7.3
68 5.9	4.1 6.1



#22
Acetophenone
Concen: 38.39 ng
RT: 6.34 min Scan# 757
Delta R.T. -0.04 min
Lab File: BF094192.D
Acq: 5 Apr 2017 16:34

Tgt	Ion:105	Resp:	588067
Ion	Ratio	Lower	Upper
105	100		
71	4.5	2.8	4.2#
51	25.3	30.7	46.1#
120	21.9	17.4	26.0

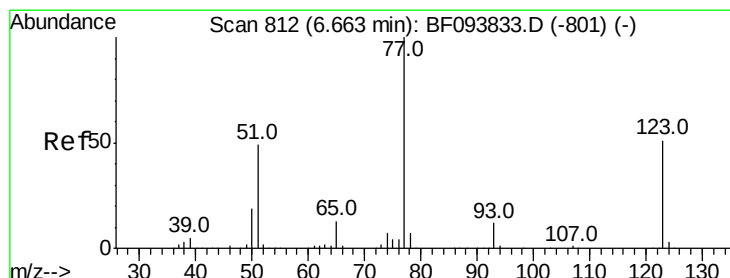
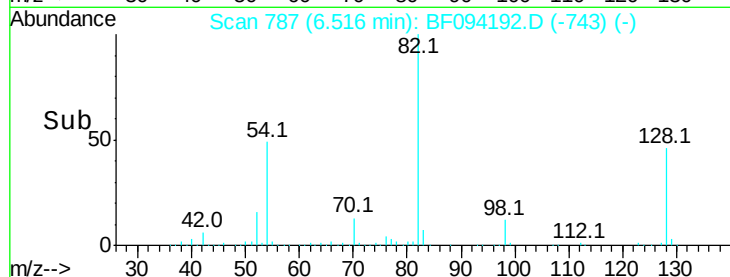
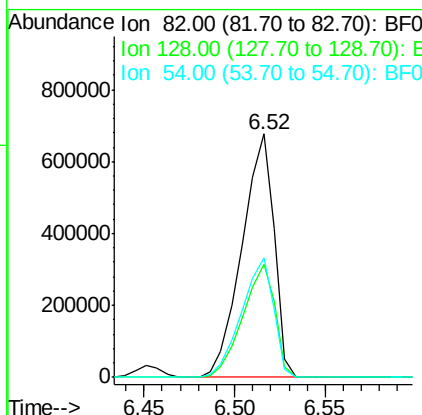
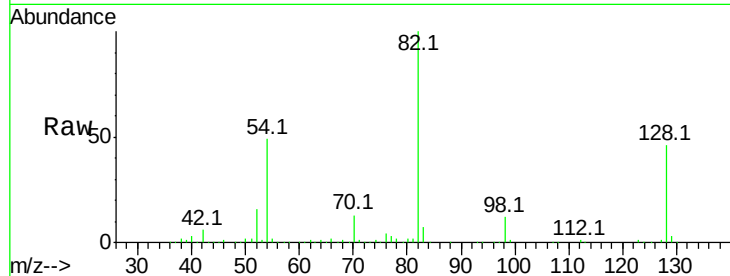




#23
 Nitrobenzene-d5
 Concen: 69.17 ng
 RT: 6.52 min Scan# 787
 Delta R.T. -0.04 min
 Lab File: BF094192.D
 Acq: 5 Apr 2017 16:34

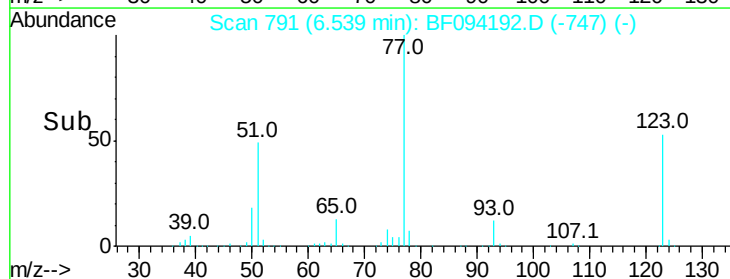
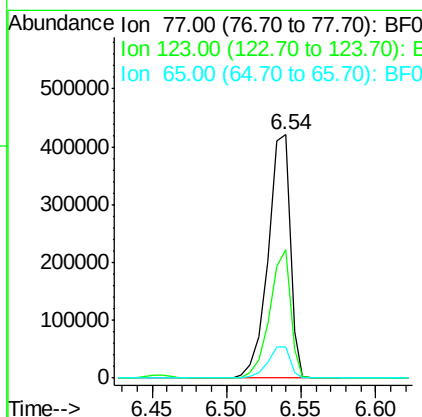
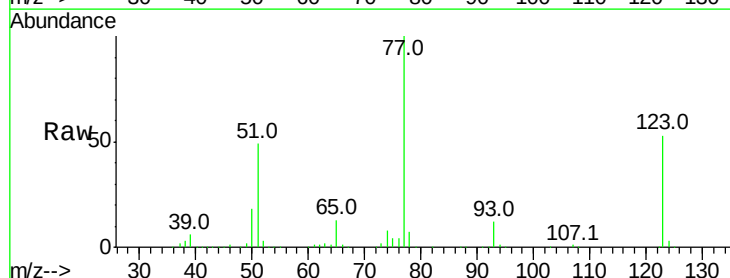
Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-3(0-7)MS

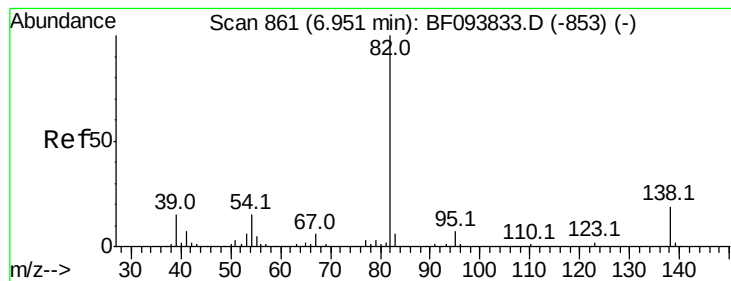
Tot Ion	82	Resp	832994
Ion Ratio	100		
Lower	34.0		
Upper	51.0		
54	49.0	42.2	63.2



#24
 Nitrobenzene
 Concen: 36.29 ng
 RT: 6.54 min Scan# 791
 Delta R.T. -0.04 min
 Lab File: BF094192.D
 Acq: 5 Apr 2017 16:34

Tgt Ion	77	Resp	431001
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower	35.8		
Upper	53.8		
65	12.6	10.6	15.8





#25

Isophorone

Concen: 36.44 ng

RT: 6.83 min Scan# 840

Delta R.T. -0.04 min

Lab File: BF094192.D

Acq: 5 Apr 2017 16:34

Instrument :

BNA_F

ClientSampleId :

CEMETERY-3(0-7)MS

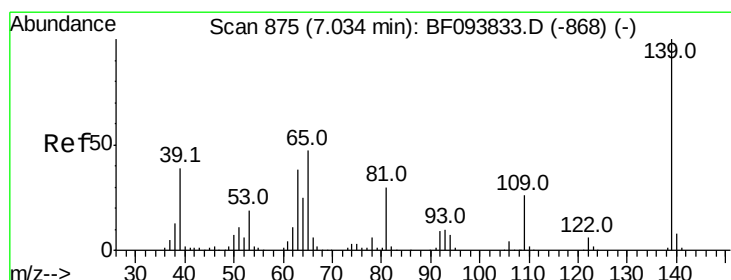
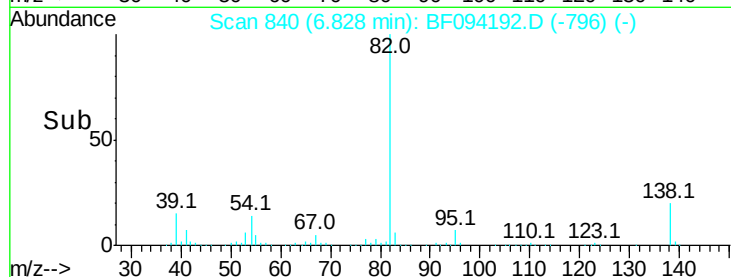
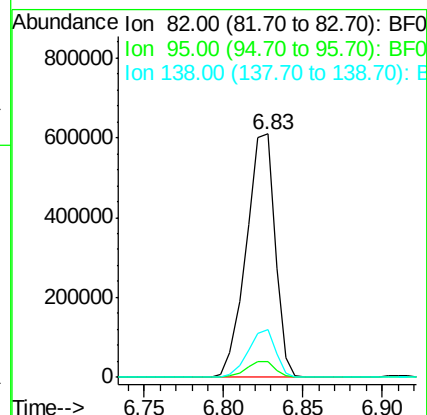
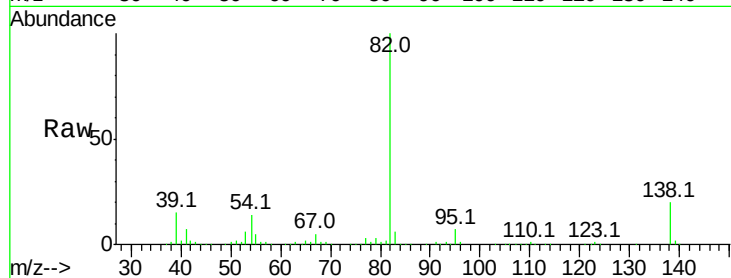
Tot Ion: 82 Resp: 771088

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

138 19.8 13.1 19.7#



#26

2-Nitrophenol

Concen: 41.35 ng

RT: 6.91 min Scan# 854

Delta R.T. -0.04 min

Lab File: BF094192.D

Acq: 5 Apr 2017 16:34

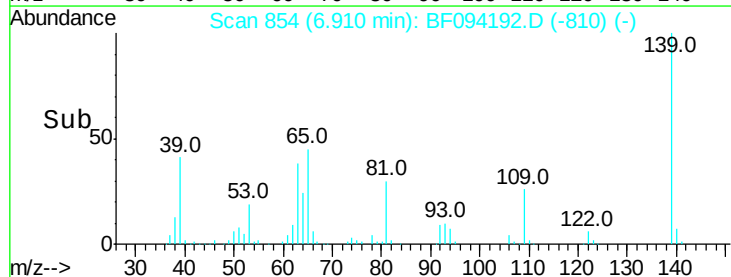
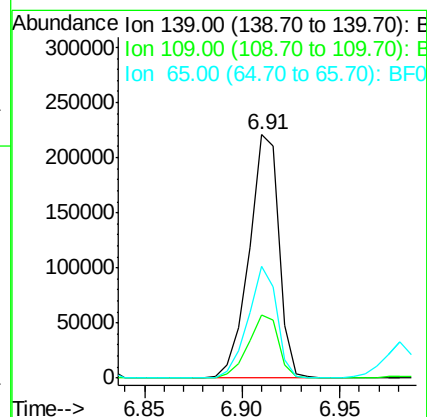
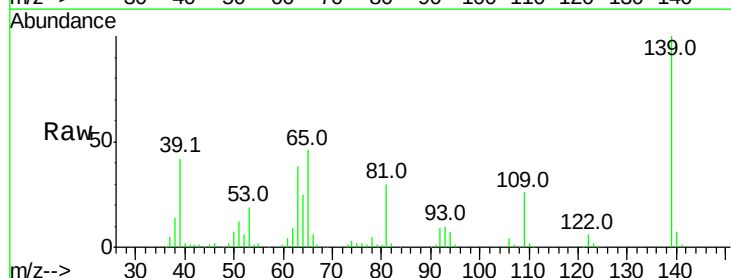
Tgt Ion:139 Resp: 234234

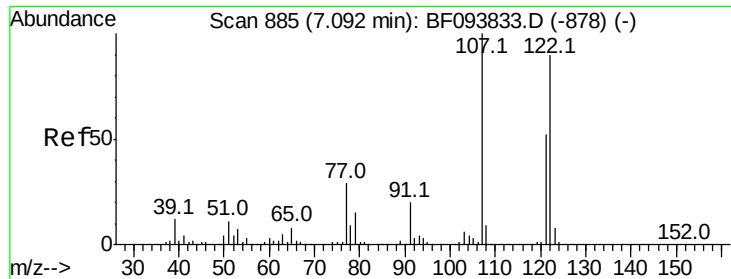
Ion Ratio Lower Upper

139 100

109 26.1 21.0 31.6

65 45.7 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 38.38 ng

RT: 6.98 min Scan# 866

Delta R.T. -0.04 min

Lab File: BF094192.D

Acq: 5 Apr 2017 16:34

Instrument :

BNA_F

ClientSampleId :

CEMETERY-3(0-7)MS

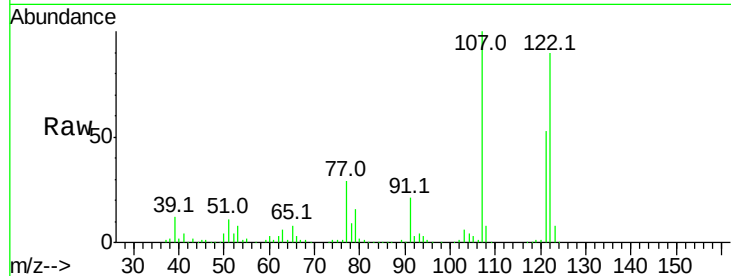
Tot Ion:122 Resp: 374605

Ion Ratio Lower Upper

122 100

107 111.6 89.2 133.8

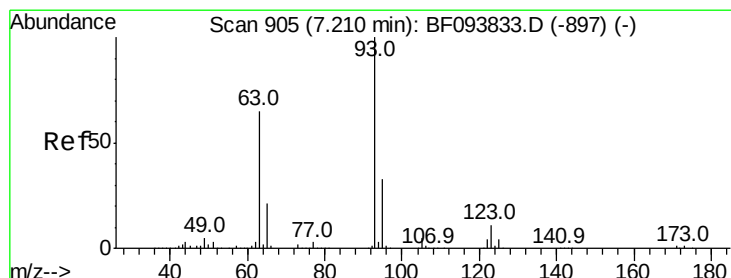
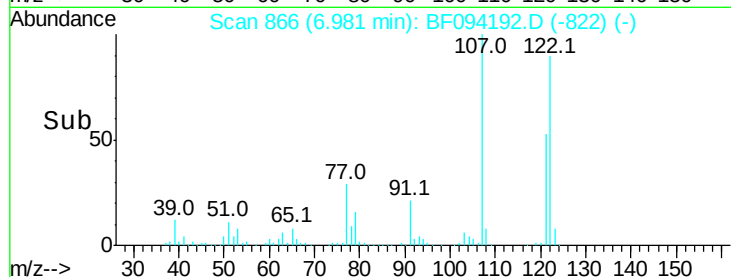
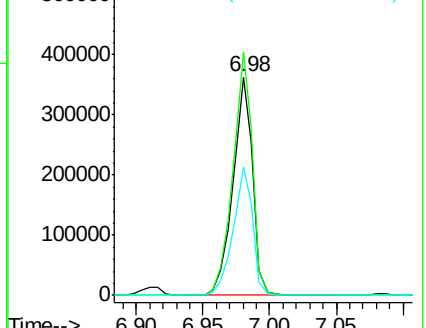
121 59.1 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 35.89 ng

RT: 7.09 min Scan# 884

Delta R.T. -0.04 min

Lab File: BF094192.D

Acq: 5 Apr 2017 16:34

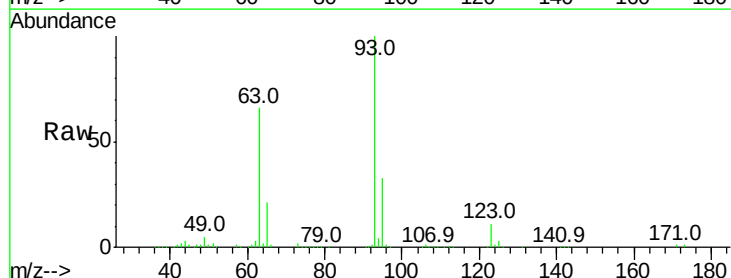
Tgt Ion: 93 Resp: 500867

Ion Ratio Lower Upper

93 100

95 32.5 26.5 39.7

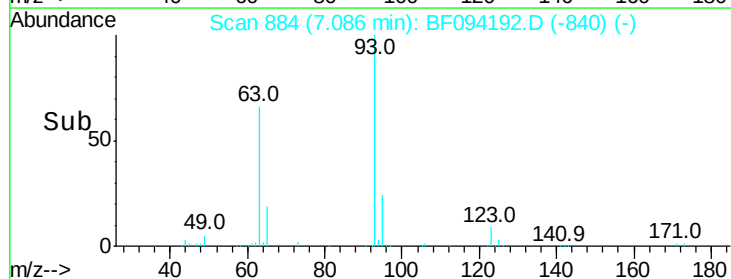
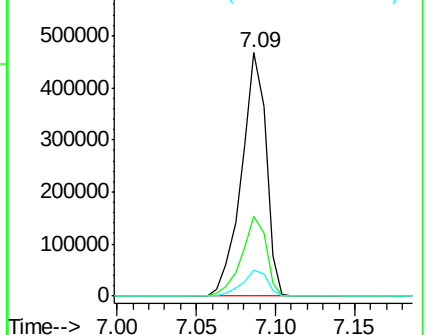
123 10.7 9.0 13.4

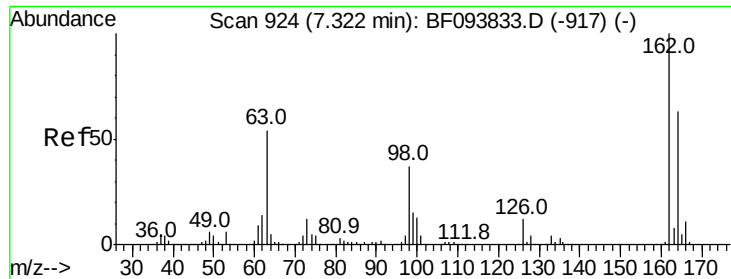


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

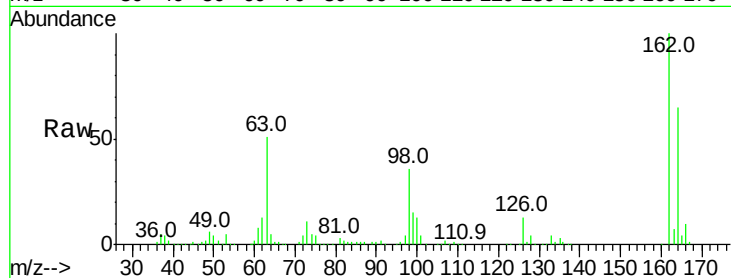




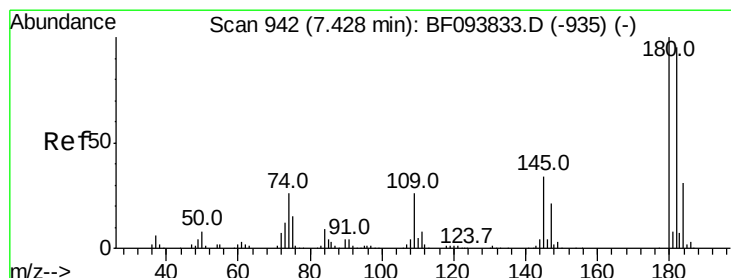
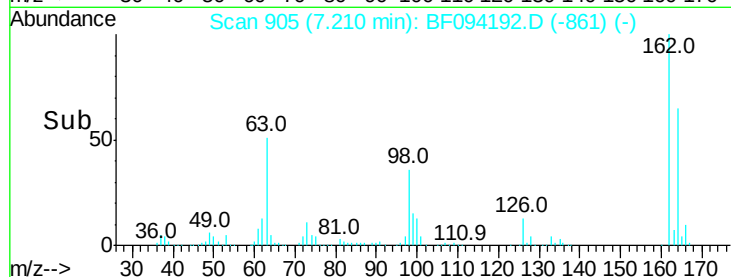
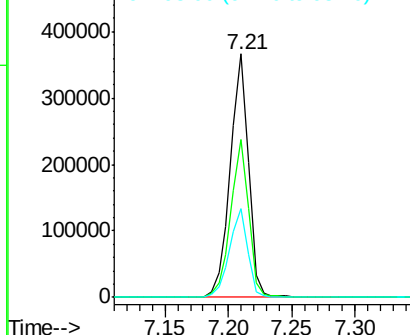
#29
 2,4-Dichlorophenol
 Concen: 39.94 ng
 RT: 7.21 min Scan# 905
 Delta R.T. -0.04 min
 Lab File: BF094192.D
 Acq: 5 Apr 2017 16:34

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

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	44.6	84.6
98	36.3	14.8	54.8

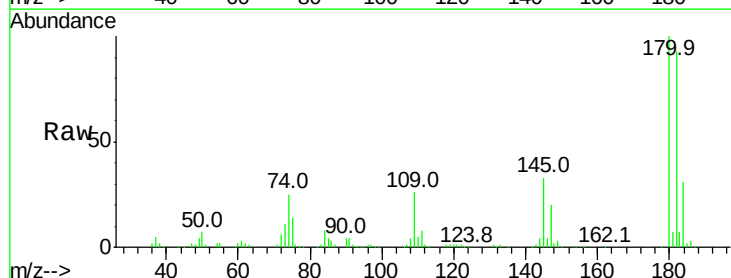


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

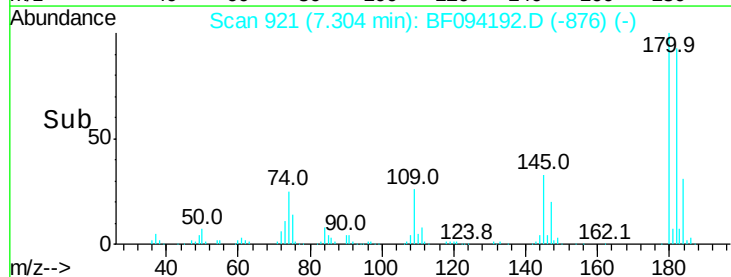
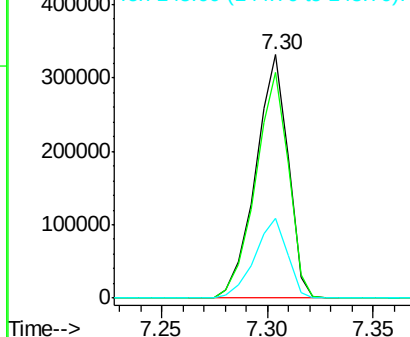


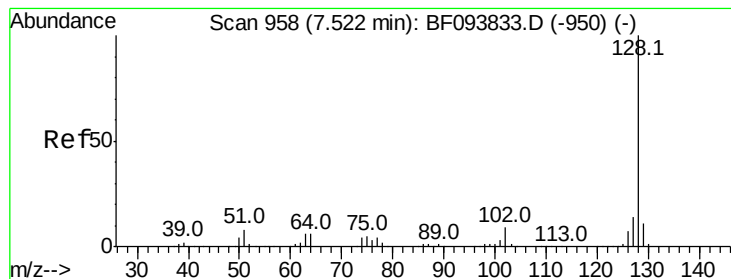
#30
 1,2,4-Trichlorobenzene
 Concen: 37.65 ng
 RT: 7.30 min Scan# 921
 Delta R.T. -0.04 min
 Lab File: BF094192.D
 Acq: 5 Apr 2017 16:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.8	75.8	113.6
145	33.0	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: 36.14 ng

RT: 7.39 min Scan# 936

Delta R.T. -0.04 min

Lab File: BF094192.D

Acq: 5 Apr 2017 16:34

Instrument :

BNA_F

ClientSampleId :

CEMETERY-3(0-7)MS

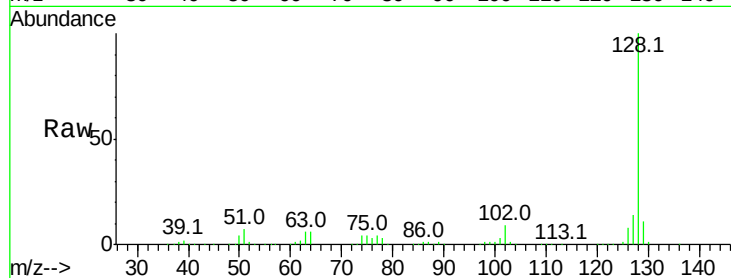
Tot Ion:128 Resp: 1194224

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

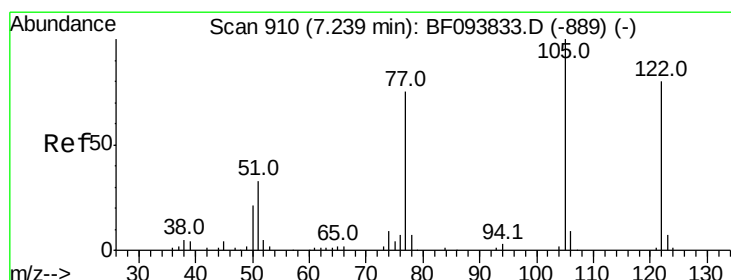
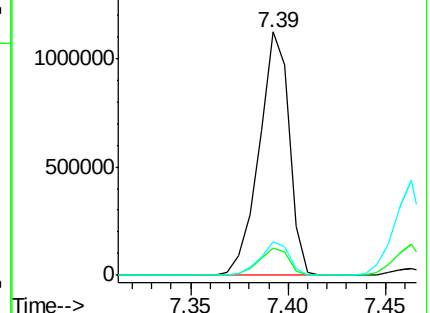
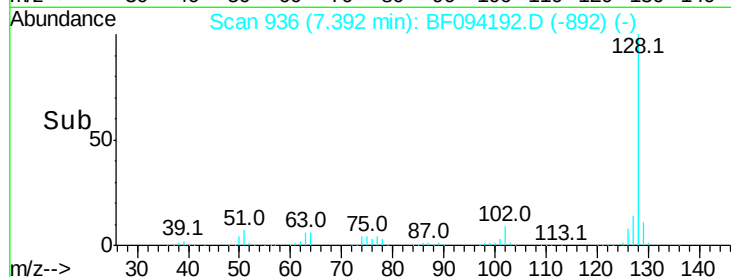
127 13.6 10.8 16.2



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: 57.66 ng

RT: 6.98 min Scan# 866

Delta R.T. -0.21 min

Lab File: BF094192.D

Acq: 5 Apr 2017 16:34

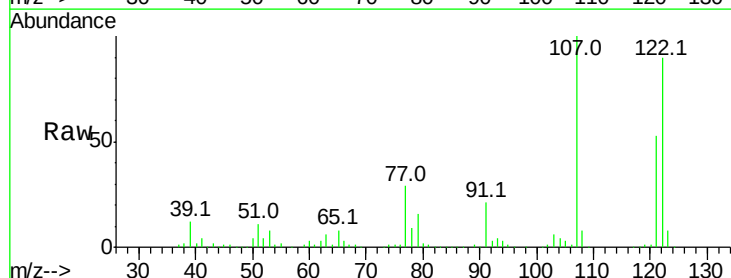
Tgt Ion:122 Resp: 374605

Ion Ratio Lower Upper

122 100

105 3.8 103.3 143.3#

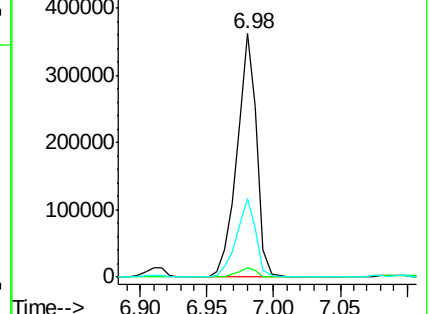
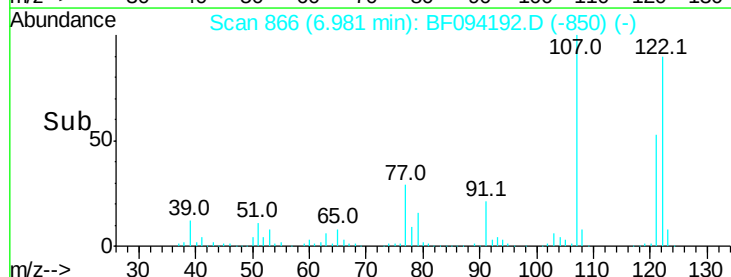
77 32.5 73.7 113.7#

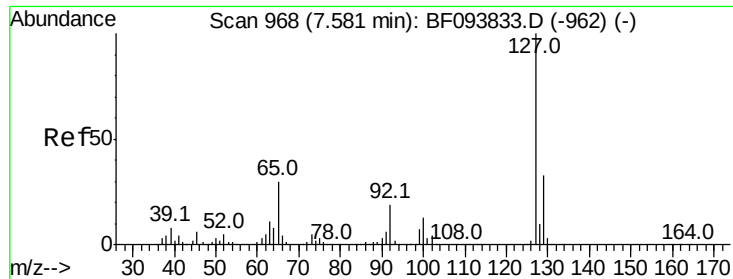


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

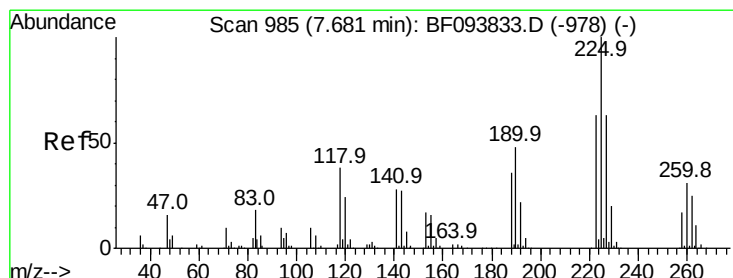
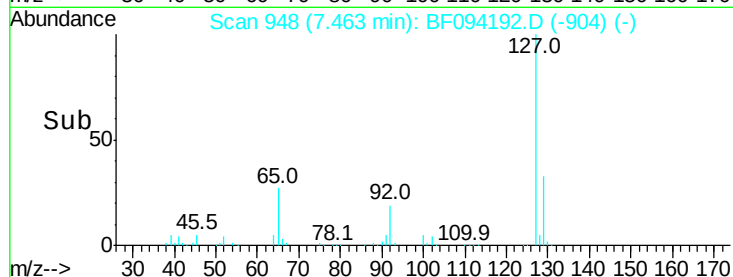
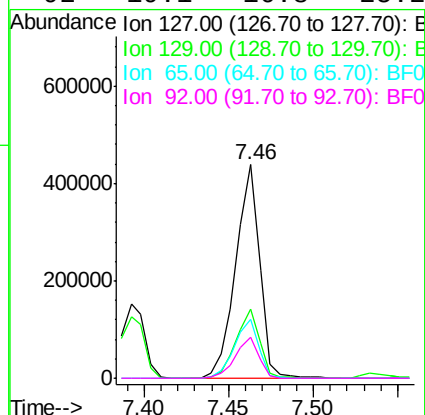
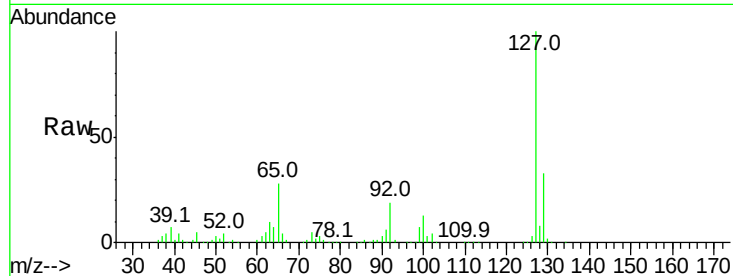




#33
4-Chloroaniline
Concen: 32.35 ng
RT: 7.46 min Scan# 948
Delta R.T. -0.04 min
Lab File: BF094192.D
Acq: 5 Apr 2017 16:34

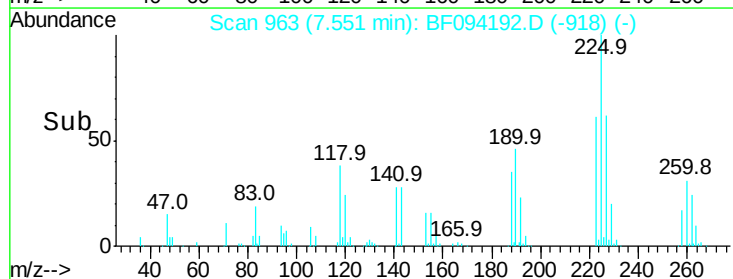
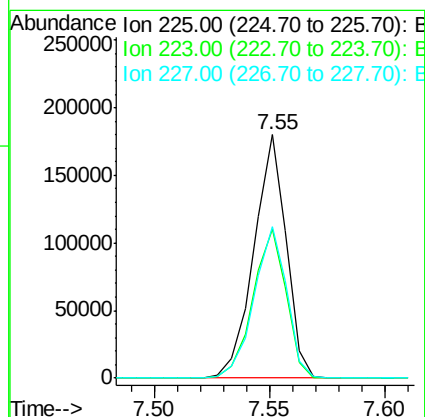
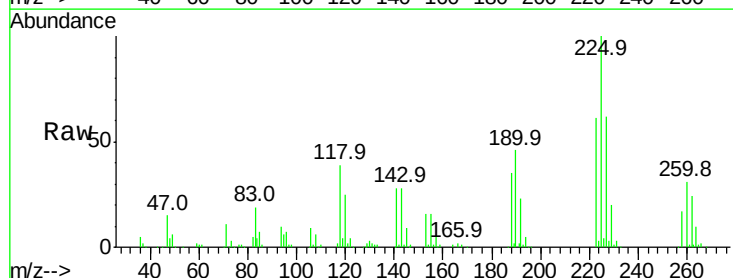
Instrument :
BNA_F
ClientSampleId :
CEMETERY-3(0-7)MS

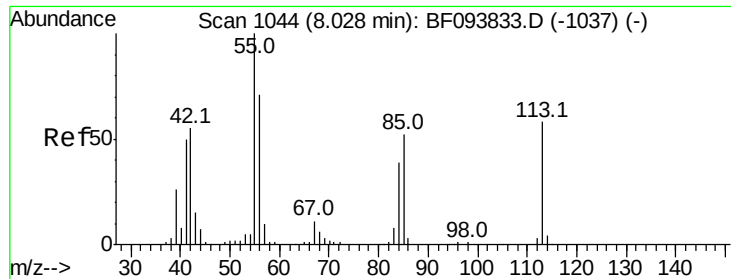
Tot Ion:	127	Resp:	433269
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.2	39.2
65	27.6	27.8	41.8#
92	19.1	16.8	25.2



#34
Hexachlorobutadiene
Concen: 36.46 ng
RT: 7.55 min Scan# 963
Delta R.T. -0.04 min
Lab File: BF094192.D
Acq: 5 Apr 2017 16:34

Tgt Ion:	225	Resp:	175734
Ion	Ratio	Lower	Upper
225	100		
223	61.0	48.8	73.2
227	62.1	51.1	76.7





#35

Caprolactam

Concen: 19.73 ng

RT: 7.90 min Scan# 1022

Delta R.T. -0.06 min

Lab File: BF094192.D

Acq: 5 Apr 2017 16:34

Instrument :

BNA_F

ClientSampleId :

CEMETERY-3(0-7)MS

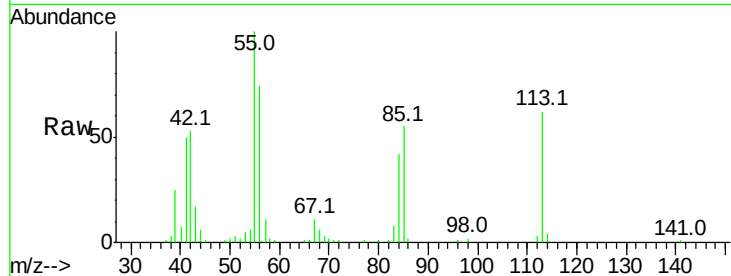
Tot Ion:113 Resp: 57429

Ion Ratio Lower Upper

113 100

55 160.2 150.2 190.2

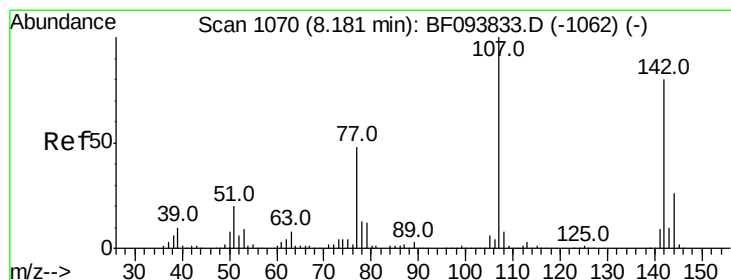
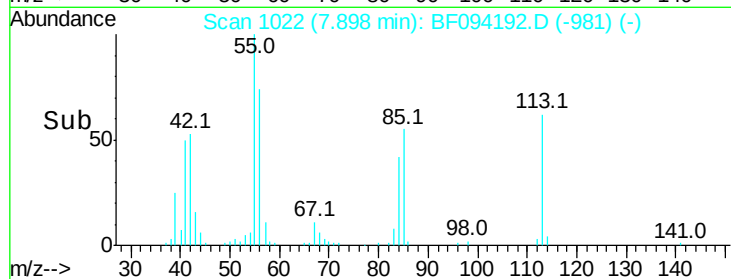
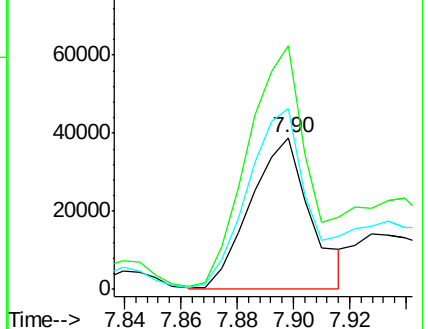
56 118.9 107.8 147.8



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: 39.71 ng

RT: 8.07 min Scan# 1052

Delta R.T. -0.04 min

Lab File: BF094192.D

Acq: 5 Apr 2017 16:34

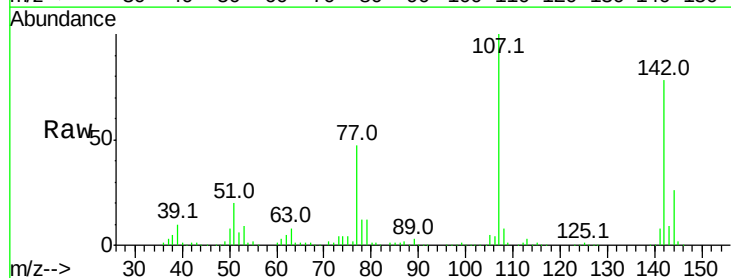
Tgt Ion:107 Resp: 378656

Ion Ratio Lower Upper

107 100

144 26.1 24.2 36.4

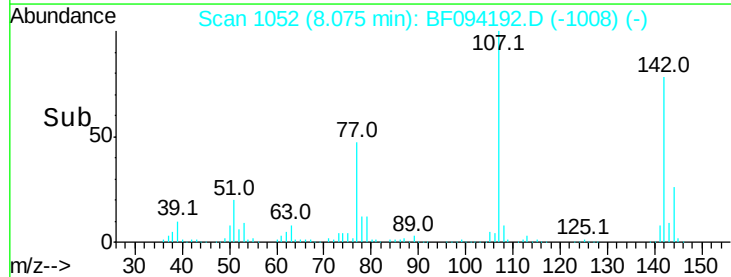
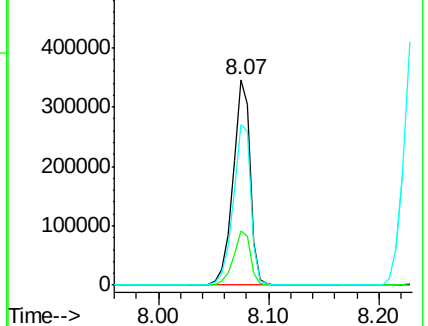
142 78.3 73.4 110.0

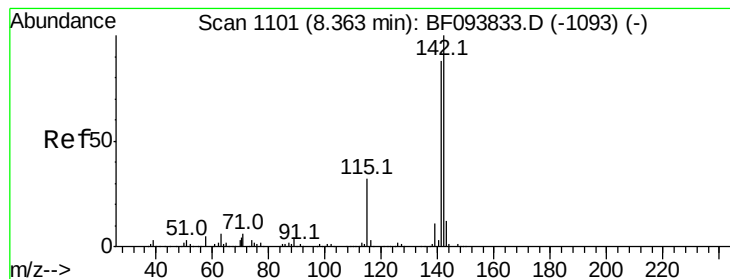


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 37.95 ng

RT: 8.24 min Scan# 1080

Delta R.T. -0.04 min

Lab File: BF094192.D

Acq: 5 Apr 2017 16:34

Instrument :

BNA_F

ClientSampleId :

CEMETERY-3(0-7)MS

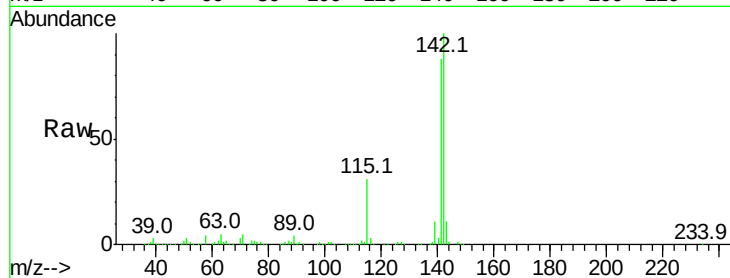
Tot Ion:142 Resp: 835920

Ion Ratio Lower Upper

142 100

141 88.4 71.3 106.9

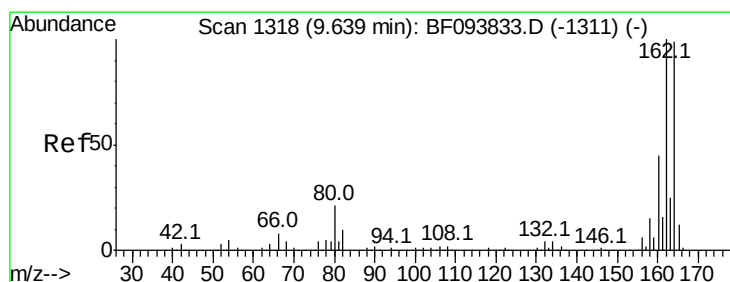
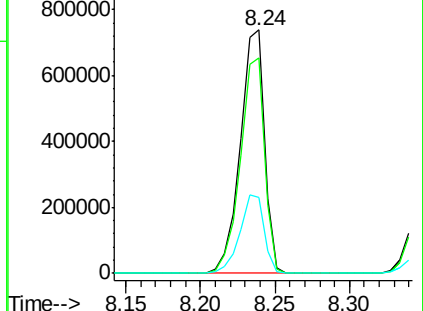
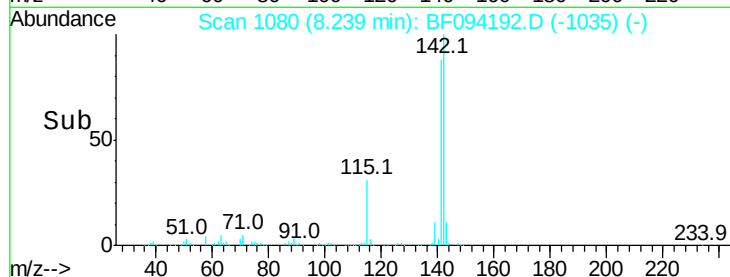
115 31.4 27.1 40.7



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: BF094192.D

Acq: 5 Apr 2017 16:34

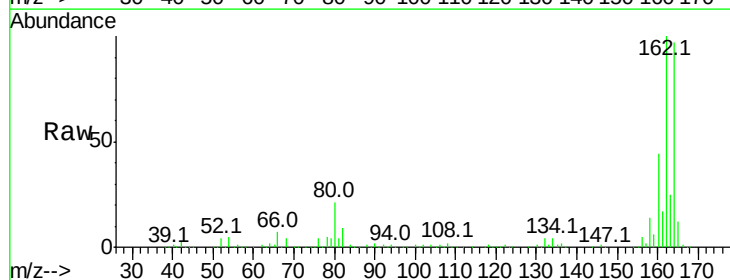
Tgt Ion:164 Resp: 316428

Ion Ratio Lower Upper

164 100

162 102.7 82.6 123.8

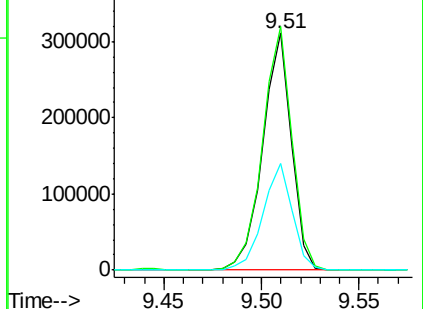
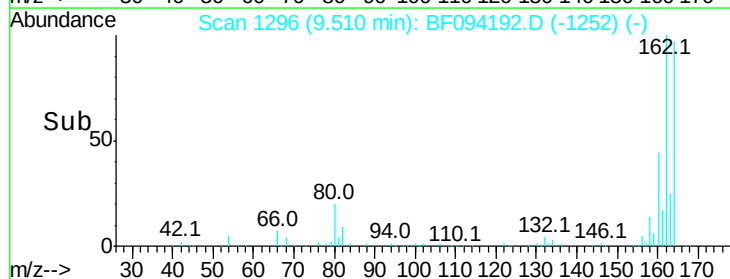
160 44.8 36.2 54.2

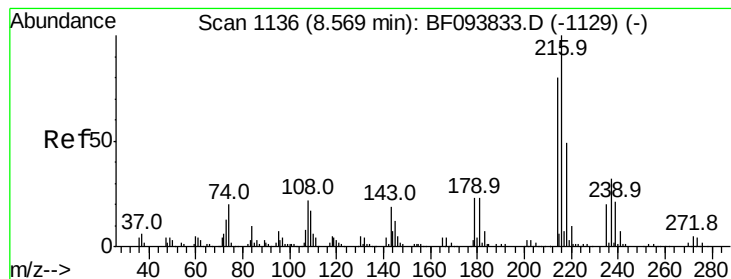


Abundance Ion 164.00 (163.70 to 164.70): E

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: 35.12 ng

RT: 8.45 min Scan# 1115

Delta R.T. -0.04 min

Lab File: BF094192.D

Acq: 5 Apr 2017 16:34

Instrument :

BNA_F

ClientSampleId :

CEMETERY-3(0-7)MS

Tot Ion:216 Resp: 304041

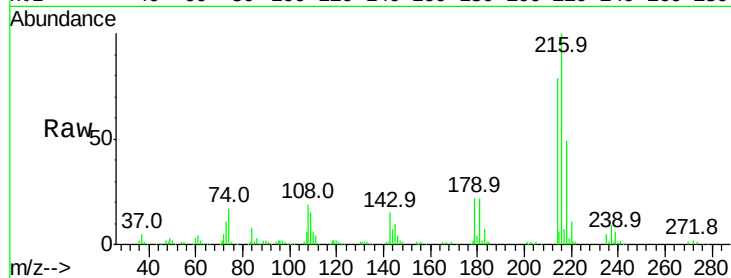
Ion Ratio Lower Upper

216 100

214 79.2 63.4 95.2

179 22.6 17.9 26.9

108 22.8 16.5 24.7

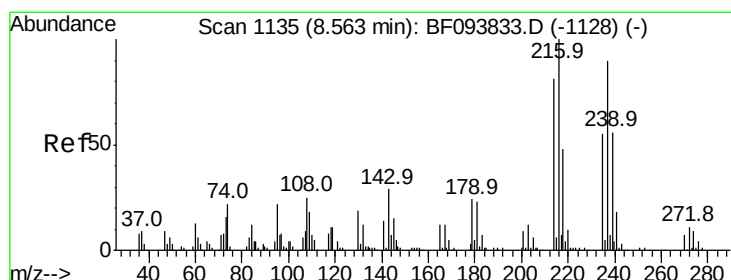
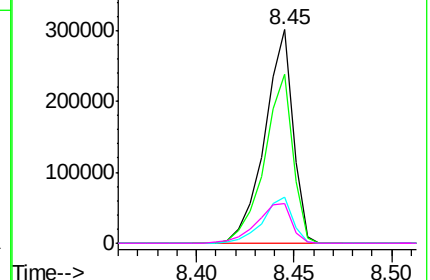
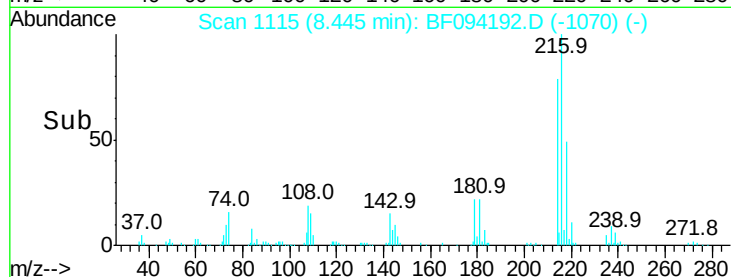


Abundance Ion 216.00 (215.70 to 216.70): E

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: 71.01 ng

RT: 8.43 min Scan# 1113

Delta R.T. -0.04 min

Lab File: BF094192.D

Acq: 5 Apr 2017 16:34

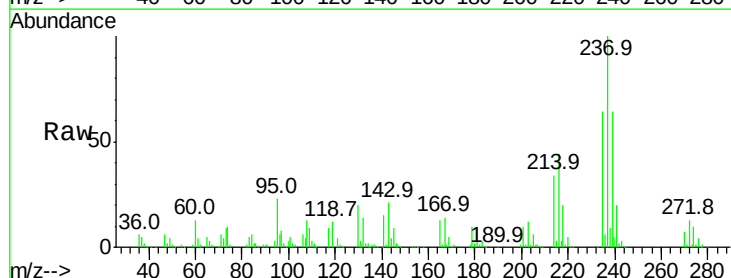
Tgt Ion:237 Resp: 287652

Ion Ratio Lower Upper

237 100

235 63.6 42.6 82.6

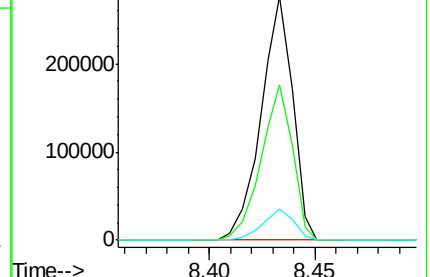
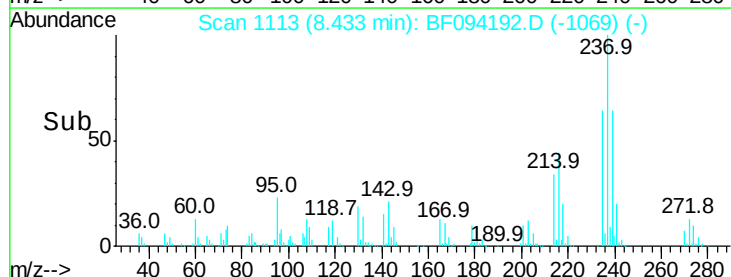
272 12.6 0.0 31.9

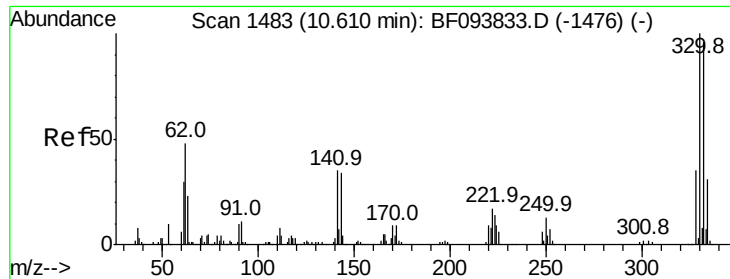


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

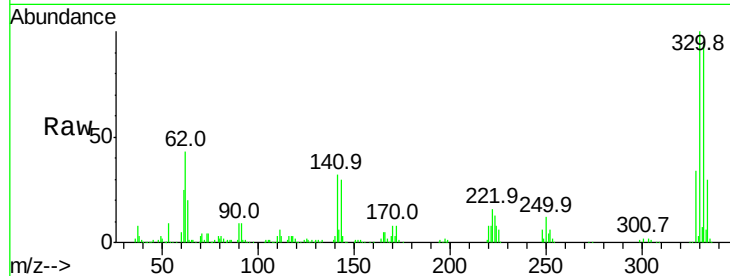




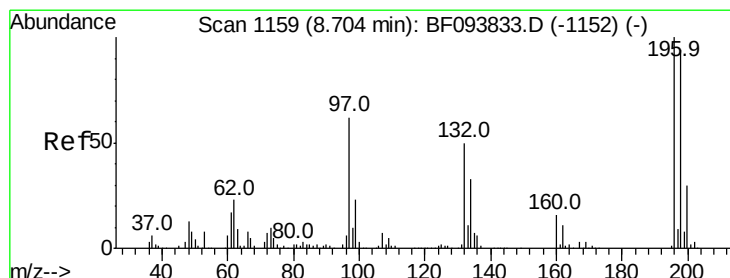
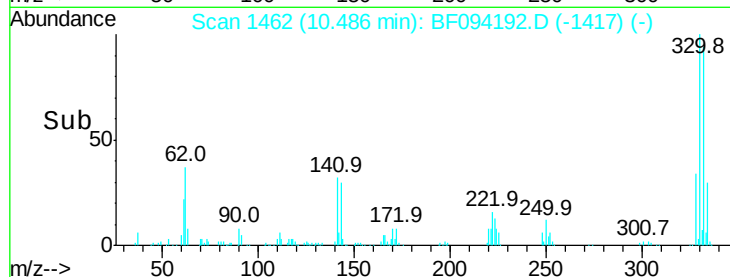
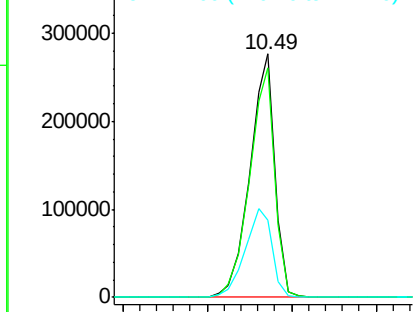
#41
 2,4,6-Tribromophenol
 Concen: 114.16 ng
 RT: 10.49 min Scan# 1462
 Delta R.T. -0.04 min
 Lab File: BF094192.D
 Acq: 5 Apr 2017 16:34

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

Tot Ion:330 Resp: 285447
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.6 115.0
 141 39.5 31.4 47.2

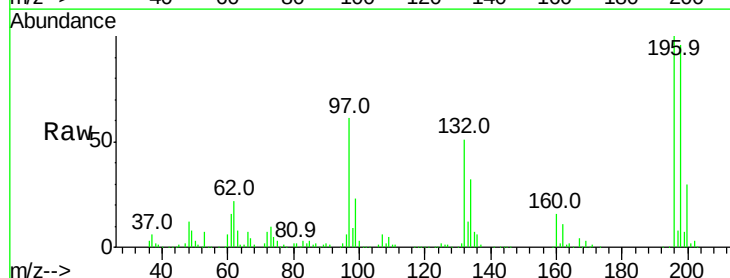


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

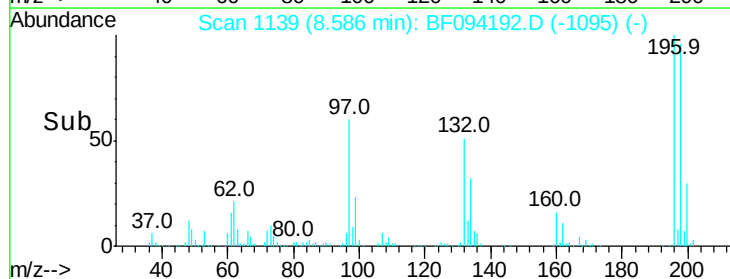
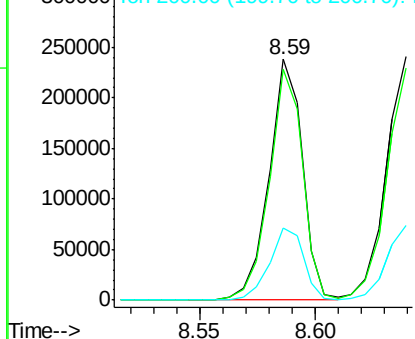


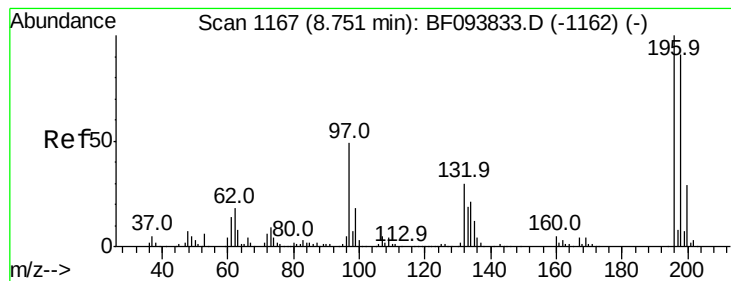
#42
 2,4,6-Trichlorophenol
 Concen: 38.93 ng
 RT: 8.59 min Scan# 1139
 Delta R.T. -0.04 min
 Lab File: BF094192.D
 Acq: 5 Apr 2017 16:34

Tgt Ion:196 Resp: 238430
 Ion Ratio Lower Upper
 196 100
 198 95.9 74.2 111.4
 200 30.0 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: 37.34 ng

RT: 8.64 min Scan# 1148

Delta R.T. -0.04 min

Lab File: BF094192.D

Acq: 5 Apr 2017 16:34

Instrument :

BNA_F

ClientSampleId :

CEMETERY-3(0-7)MS

Tot Ion:196 Resp: 247477

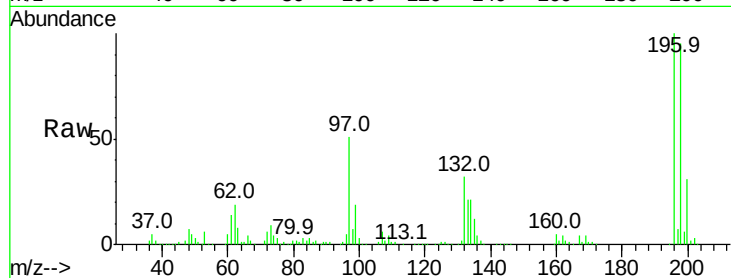
Ion Ratio Lower Upper

196 100

198 95.4 75.7 113.5

97 51.3 47.7 71.5

132 31.7 28.0 42.0

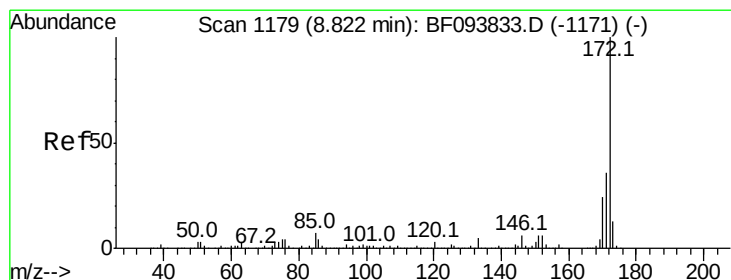
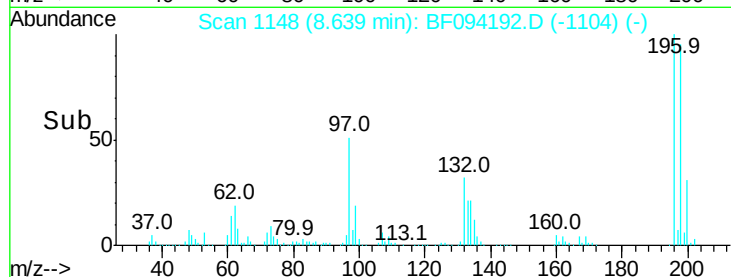
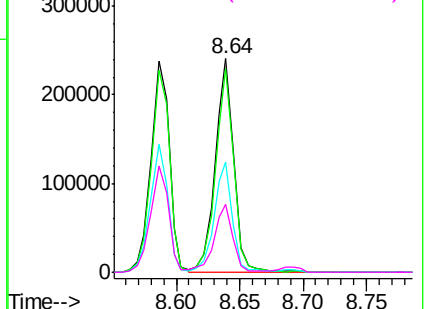


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44

2-Fluorobiphenyl

Concen: 73.58 ng

RT: 8.69 min Scan# 1157

Delta R.T. -0.04 min

Lab File: BF094192.D

Acq: 5 Apr 2017 16:34

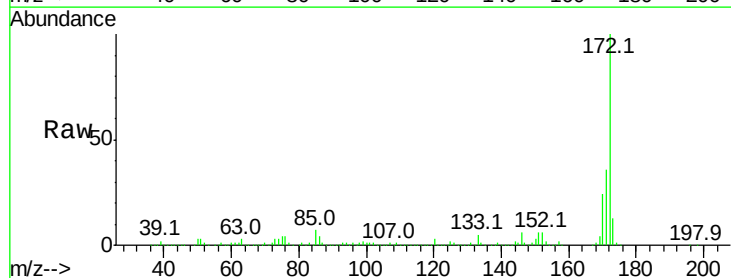
Tgt Ion:172 Resp: 1526576

Ion Ratio Lower Upper

172 100

171 36.0 29.6 44.4

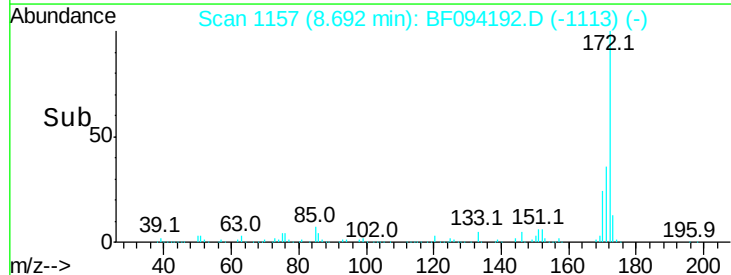
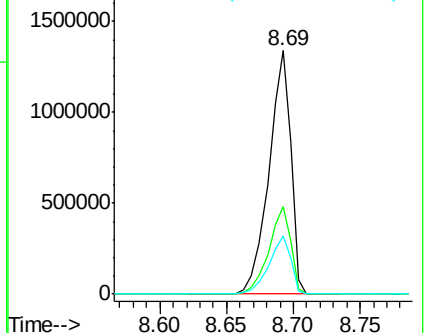
170 23.7 19.8 29.8

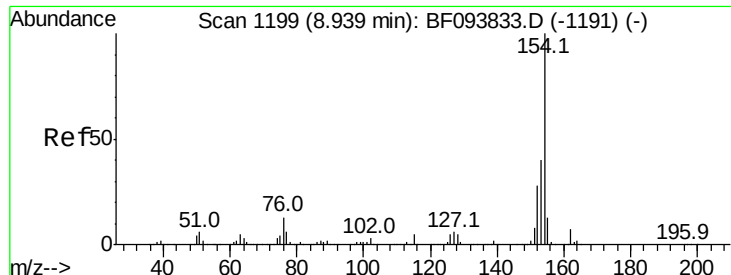


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

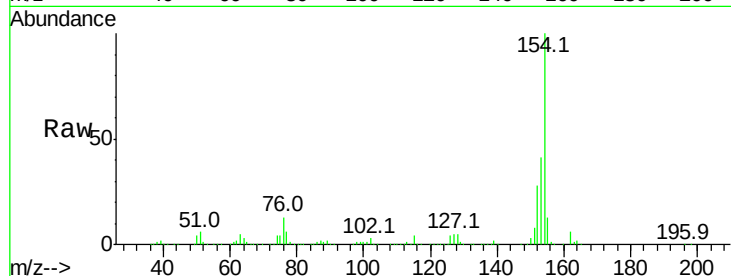




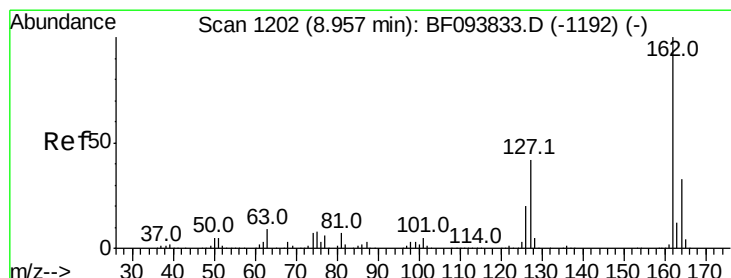
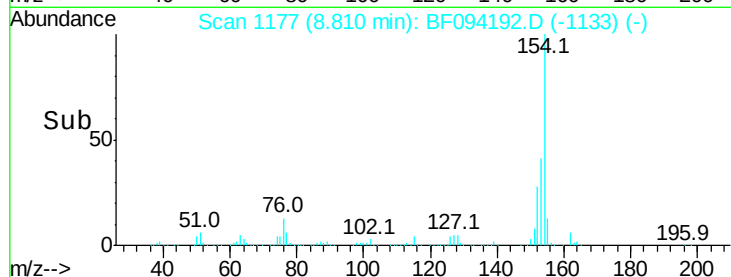
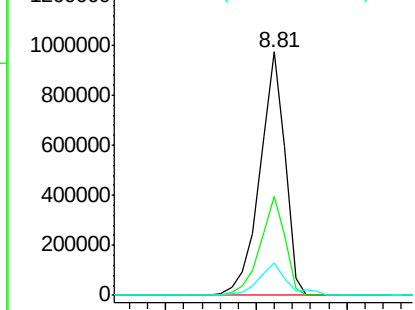
#45
1,1'-Biphenyl
Concen: 36.64 ng
RT: 8.81 min Scan# 1177
Delta R.T. -0.04 min
Lab File: BF094192.D
Acq: 5 Apr 2017 16:34

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

Tot Ion:154 Resp: 935141
Ion Ratio Lower Upper
154 100
153 40.9 21.2 61.2
76 13.1 0.0 29.9

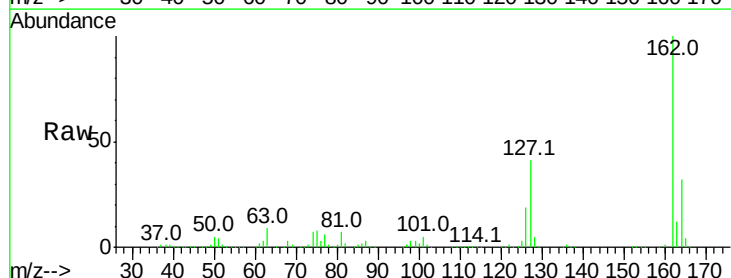


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

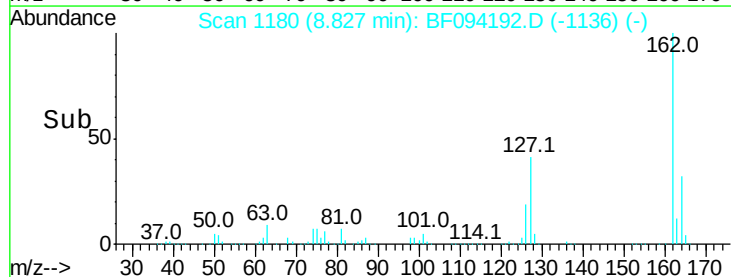
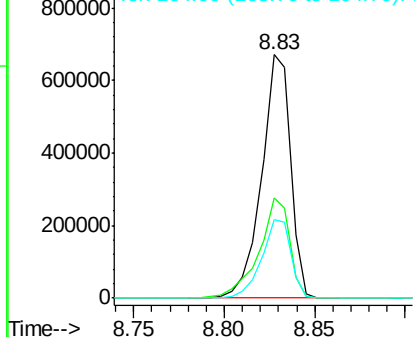


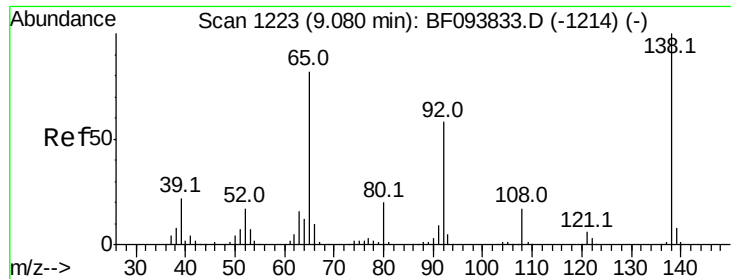
#46
2-Chloronaphthalene
Concen: 37.17 ng
RT: 8.83 min Scan# 1180
Delta R.T. -0.04 min
Lab File: BF094192.D
Acq: 5 Apr 2017 16:34

Tgt Ion:162 Resp: 742698
Ion Ratio Lower Upper
162 100
127 41.3 28.3 42.5
164 32.1 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

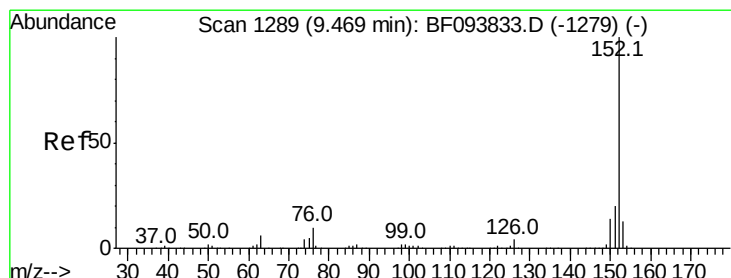
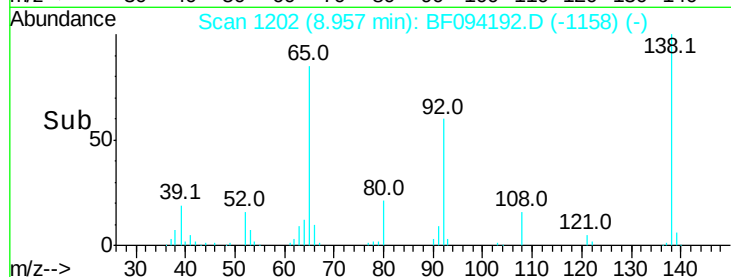
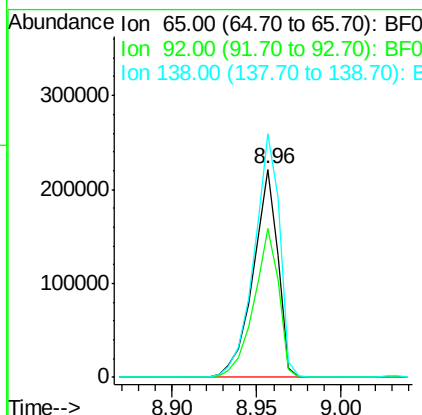
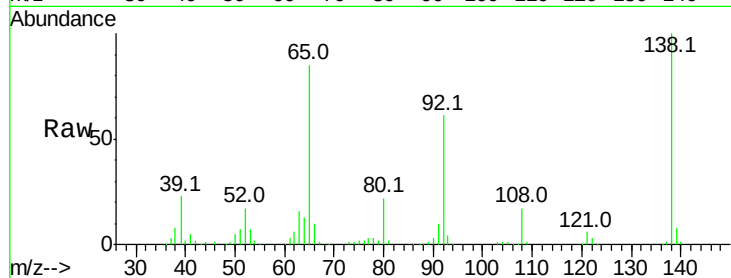




#47
 2-Nitroaniline
 Concen: 38.31 ng
 RT: 8.96 min Scan# 1202
 Delta R.T. -0.04 min
 Lab File: BF094192.D
 Acq: 5 Apr 2017 16:34

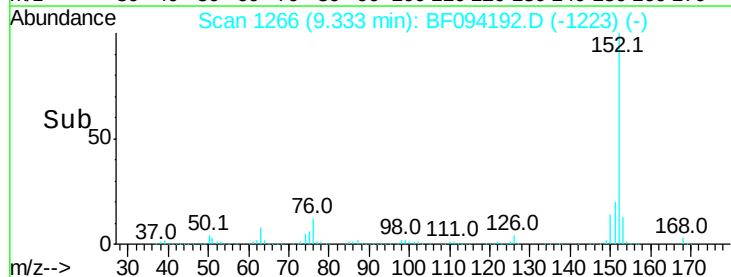
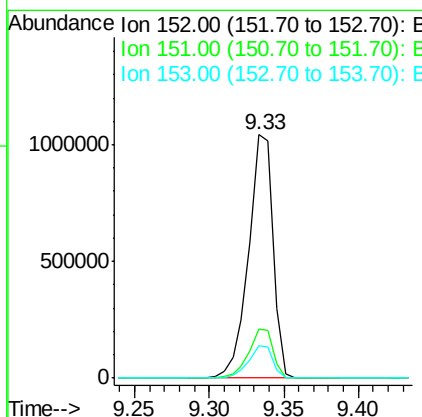
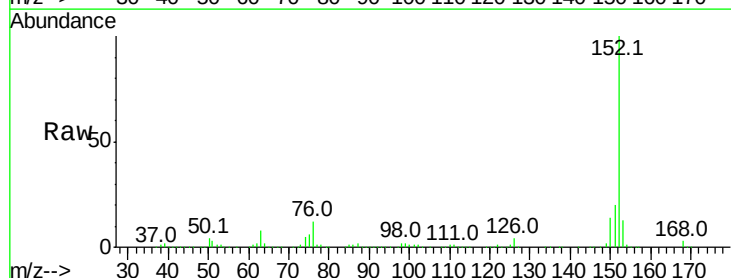
Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-3(0-7)MS

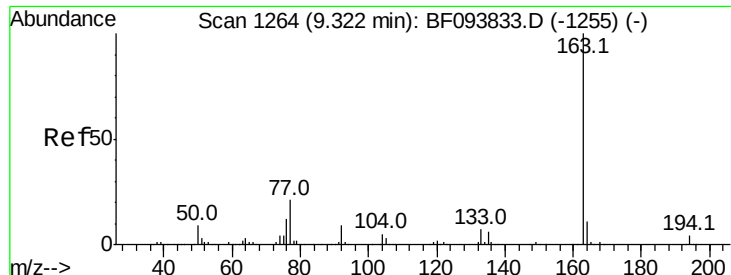
Tot Ion: 65 Resp: 227037
 Ion Ratio Lower Upper
 65 100
 92 71.7 53.9 80.9
 138 117.2 78.8 118.2



#48
 Acenaphthylene
 Concen: 35.46 ng
 RT: 9.33 min Scan# 1266
 Delta R.T. -0.05 min
 Lab File: BF094192.D
 Acq: 5 Apr 2017 16:34

Tgt Ion:152 Resp: 1177351
 Ion Ratio Lower Upper
 152 100
 151 20.3 16.8 25.2
 153 13.5 10.8 16.2

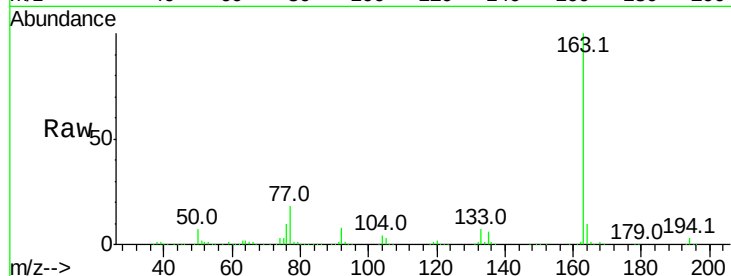




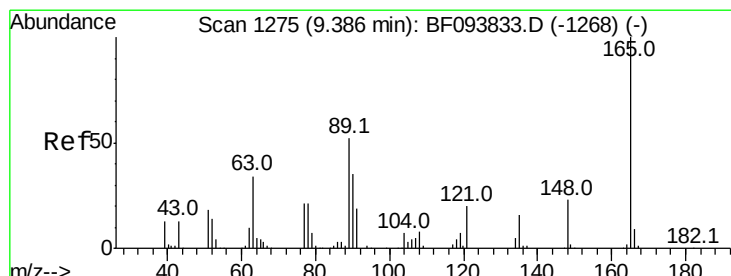
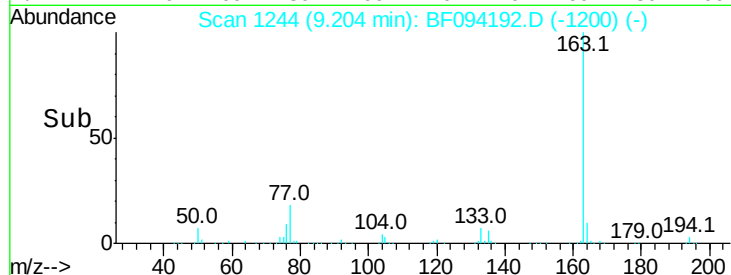
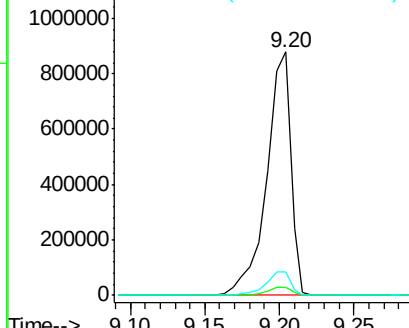
#49
Dimethylphthalate
Concen: 43.79 ng
RT: 9.20 min Scan# 1244
Delta R.T. -0.04 min
Lab File: BF094192.D
Acq: 5 Apr 2017 16:34

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

Tot Ion:163 Resp: 984882
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 9.7 8.4 12.6

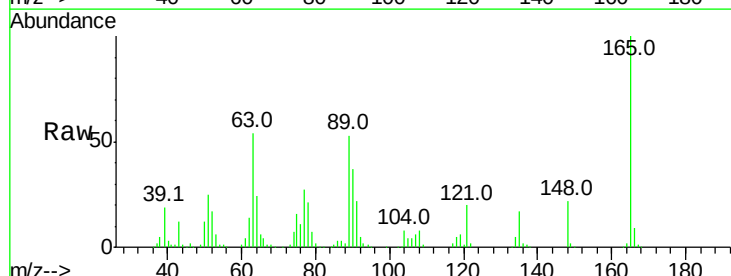


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

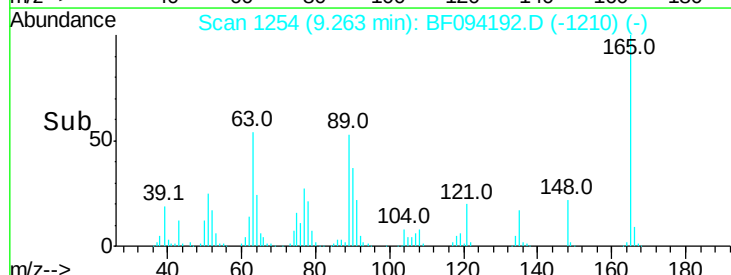
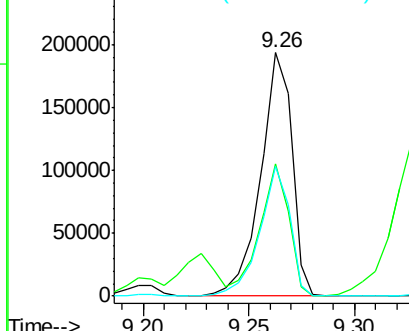


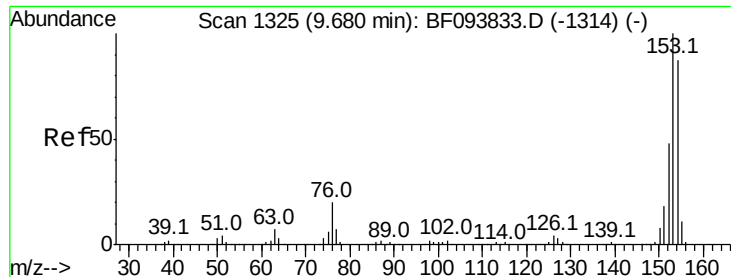
#50
2,6-Dinitrotoluene
Concen: 38.78 ng
RT: 9.26 min Scan# 1254
Delta R.T. -0.04 min
Lab File: BF094192.D
Acq: 5 Apr 2017 16:34

Tgt Ion:165 Resp: 199959
Ion Ratio Lower Upper
165 100
63 54.4 34.3 51.5#
89 53.1 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

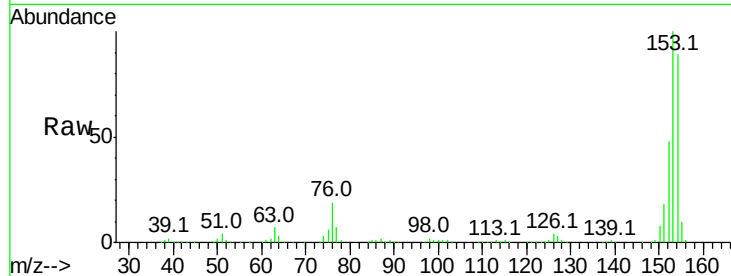




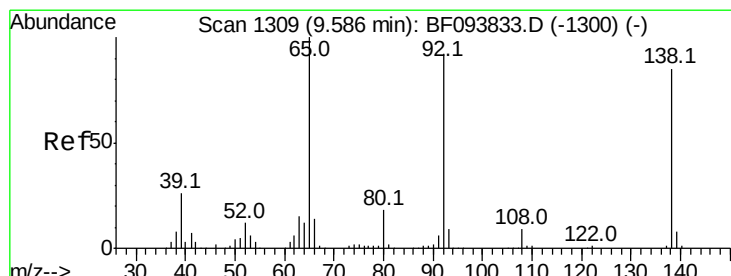
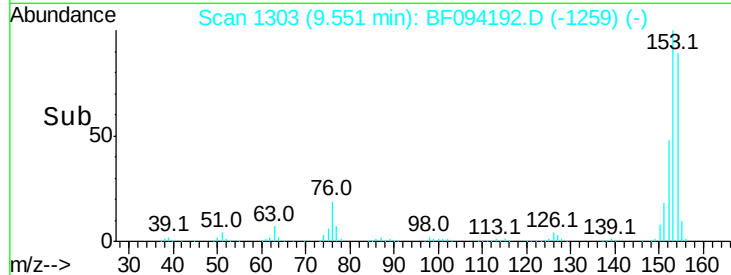
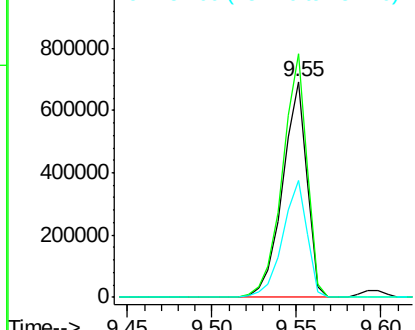
#51
Acenaphthene
Concen: 36.13 ng
RT: 9.55 min Scan# 1303
Delta R.T. -0.04 min
Lab File: BF094192.D
Acq: 5 Apr 2017 16:34

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

Tot Ion:154 Resp: 700036
Ion Ratio Lower Upper
154 100
153 112.8 90.5 135.7
152 54.0 43.6 65.4

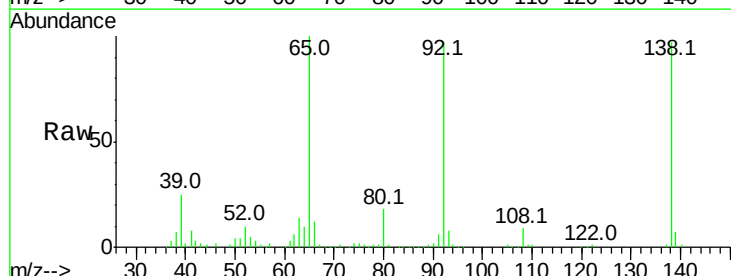


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

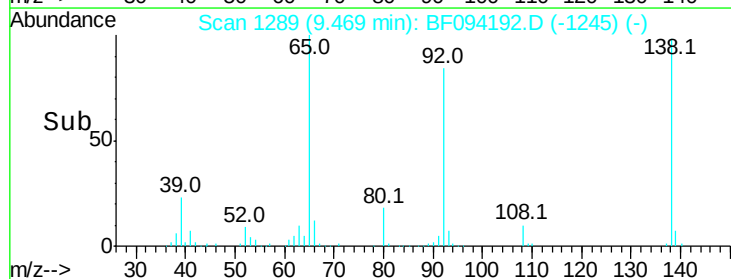
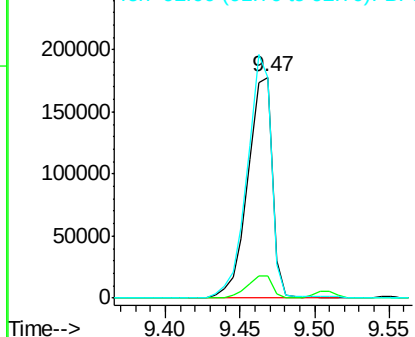


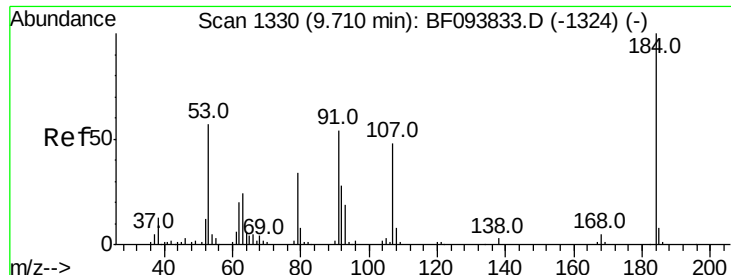
#52
3-Nitroaniline
Concen: 33.55 ng
RT: 9.47 min Scan# 1289
Delta R.T. -0.04 min
Lab File: BF094192.D
Acq: 5 Apr 2017 16:34

Tgt Ion:138 Resp: 203158
Ion Ratio Lower Upper
138 100
108 9.8 9.1 13.7
92 100.0 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

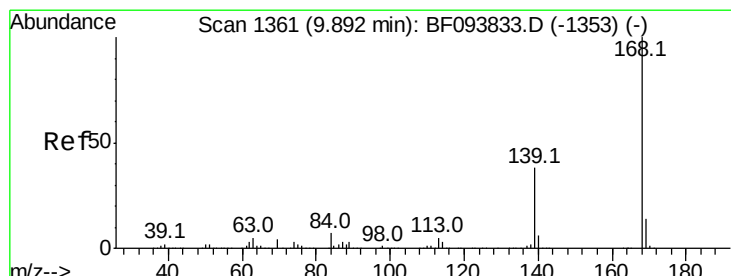
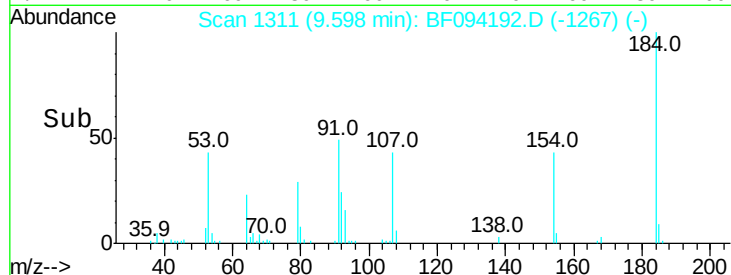
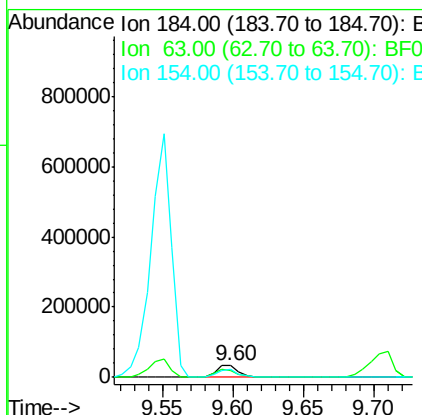
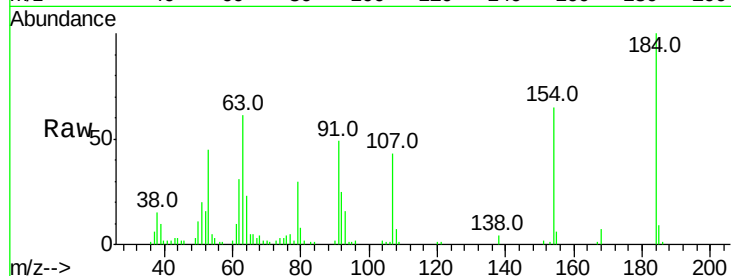




#53
 2,4-Dinitrophenol
 Concen: 17.40 ng
 RT: 9.60 min Scan# 1311
 Delta R.T. -0.04 min
 Lab File: BF094192.D
 Acq: 5 Apr 2017 16:34

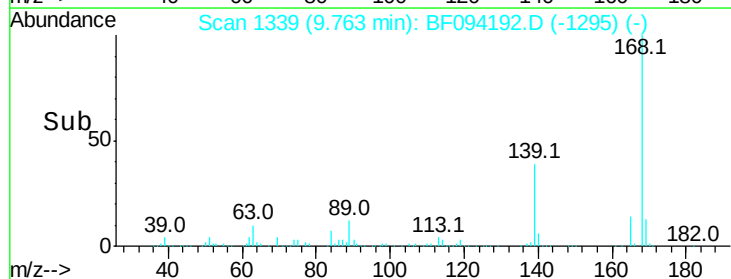
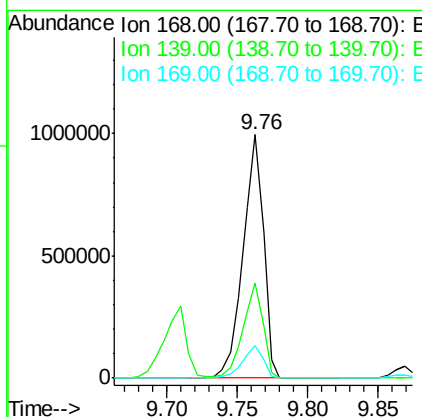
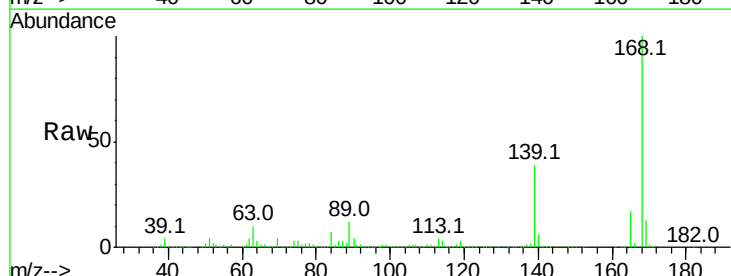
Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-3(0-7)MS

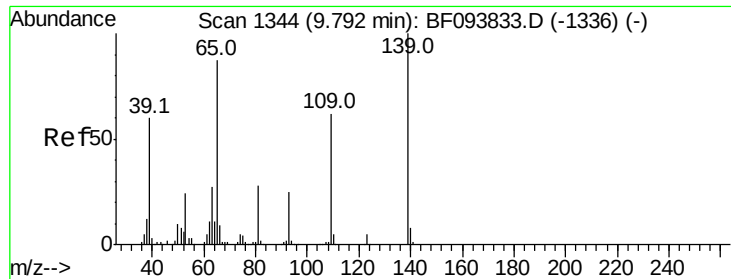
Tot Ion:184 Resp: 37320
 Ion Ratio Lower Upper
 184 100
 63 61.4 62.7 94.1#
 154 65.3 81.1 121.7#



#54
 Dibenzofuran
 Concen: 38.06 ng
 RT: 9.76 min Scan# 1339
 Delta R.T. -0.04 min
 Lab File: BF094192.D
 Acq: 5 Apr 2017 16:34

Tgt Ion:168 Resp: 1003748
 Ion Ratio Lower Upper
 168 100
 139 38.9 30.6 45.8
 169 13.4 10.8 16.2

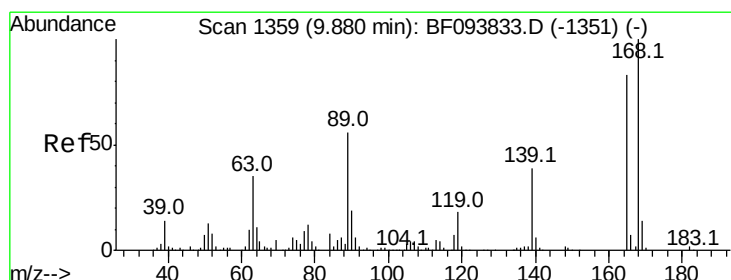
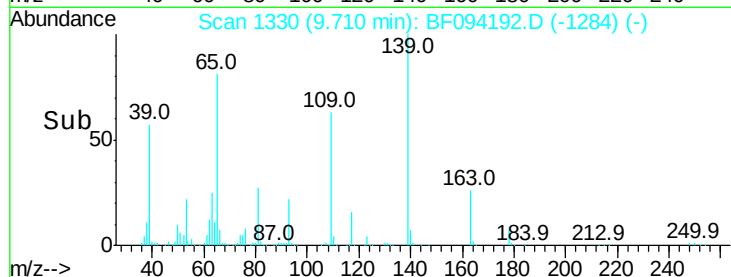
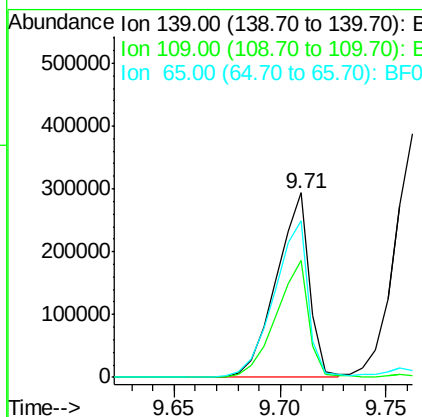
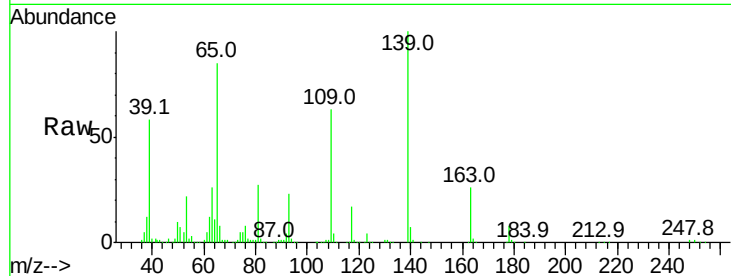




#55
4-Nitrophenol
Concen: 67.80 ng
RT: 9.71 min Scan# 1330
Delta R.T. -0.03 min
Lab File: BF094192.D
Acq: 5 Apr 2017 16:34

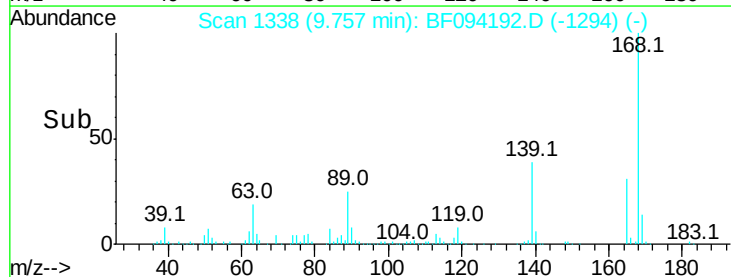
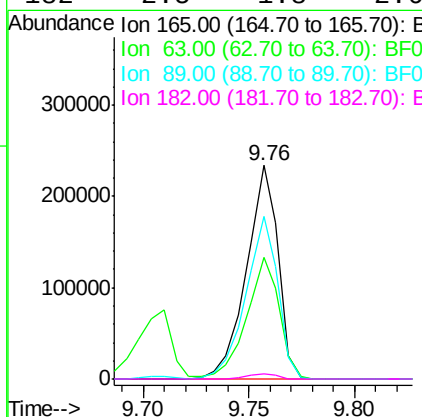
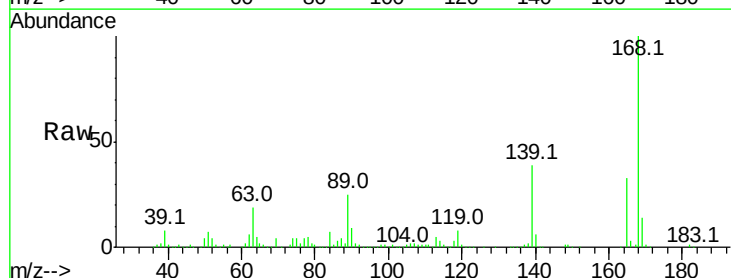
Instrument :
BNA_F
ClientSampleId :
CEMETERY-3(0-7)MS

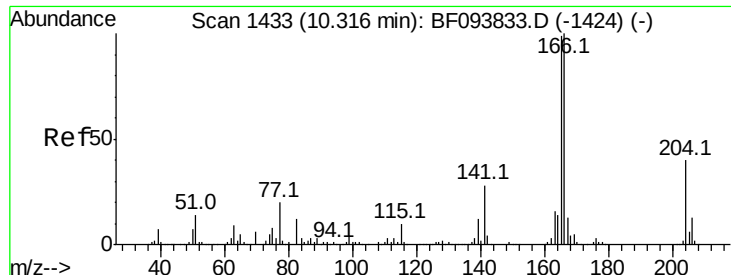
Tot Ion:139 Resp: 321469
Ion Ratio Lower Upper
139 100
109 63.1 34.1 74.1
65 84.7 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 37.39 ng
RT: 9.76 min Scan# 1338
Delta R.T. -0.04 min
Lab File: BF094192.D
Acq: 5 Apr 2017 16:34

Tgt Ion:165 Resp: 242199
Ion Ratio Lower Upper
165 100
63 56.8 25.4 38.0#
89 76.0 46.4 69.6#
182 2.5 1.8 2.6

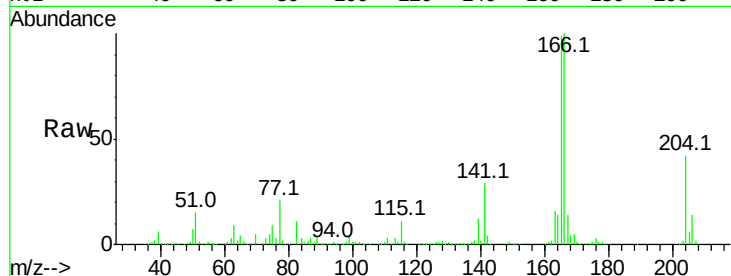




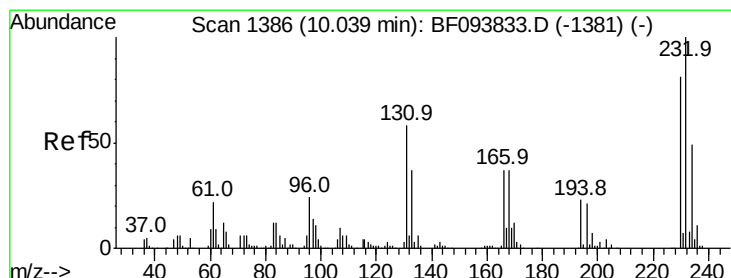
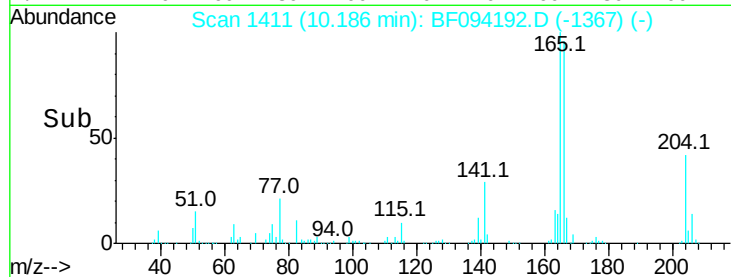
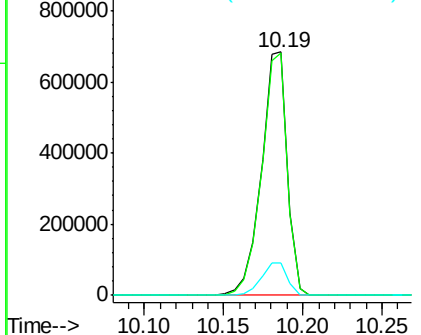
#57
Fluorene
 Concen: 35.73 ng
 RT: 10.19 min Scan# 1411
 Delta R.T. -0.04 min
 Lab File: BF094192.D
 Acq: 5 Apr 2017 16:34

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

Tot Ion:166 Resp: 781488
 Ion Ratio Lower Upper
 166 100
 165 99.4 78.8 118.2
 167 13.6 10.6 16.0



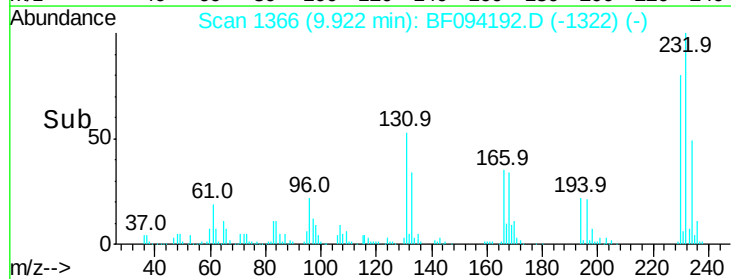
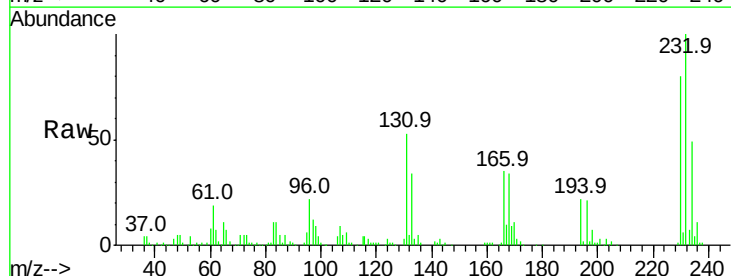
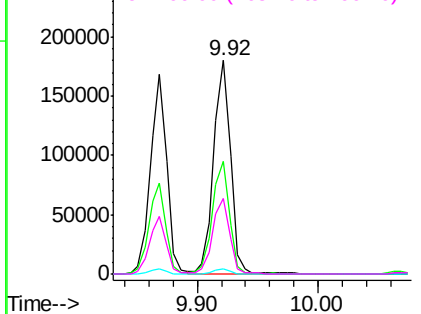
Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

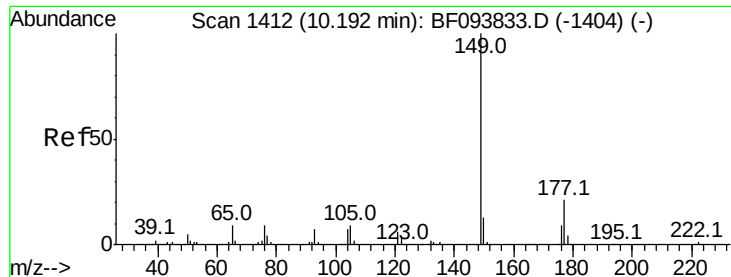


#58
2,3,4,6-Tetrachlorophenol
 Concen: 38.25 ng
 RT: 9.92 min Scan# 1366
 Delta R.T. -0.04 min
 Lab File: BF094192.D
 Acq: 5 Apr 2017 16:34

Tgt Ion:232 Resp: 173915
 Ion Ratio Lower Upper
 232 100
 131 53.5 44.8 67.2
 130 2.5 2.3 3.5
 166 35.6 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

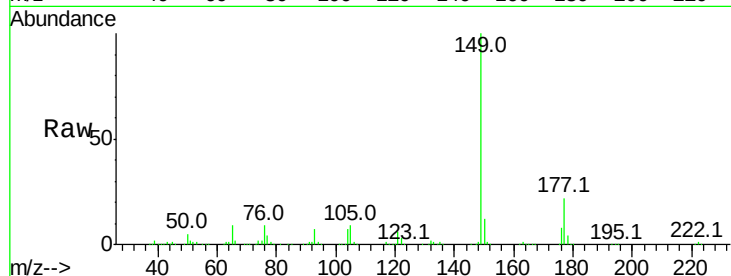




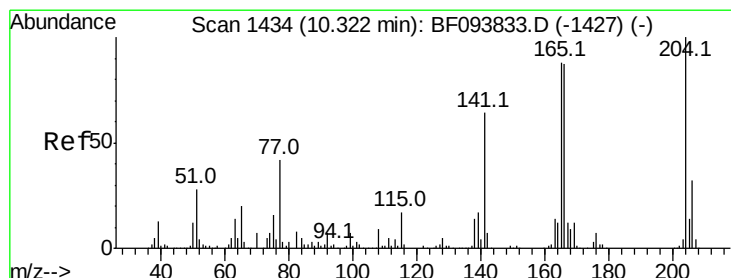
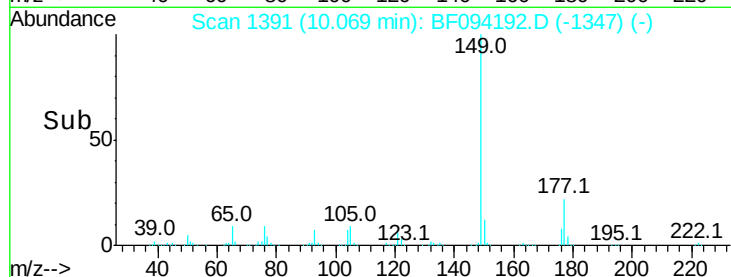
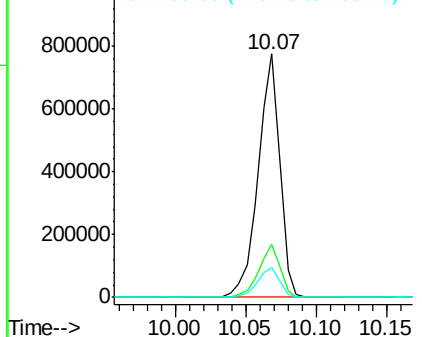
#59
Diethylphthalate
Concen: 37.99 ng
RT: 10.07 min Scan# 1391
Delta R.T. -0.04 min
Lab File: BF094192.D
Acq: 5 Apr 2017 16:34

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

Tot Ion:149 Resp: 844622
Ion Ratio Lower Upper
149 100
177 21.6 16.7 25.1
150 12.4 10.2 15.2

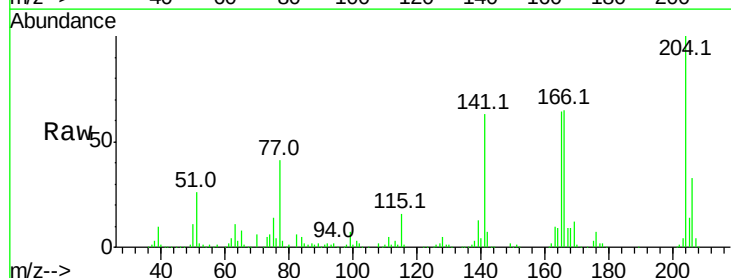


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

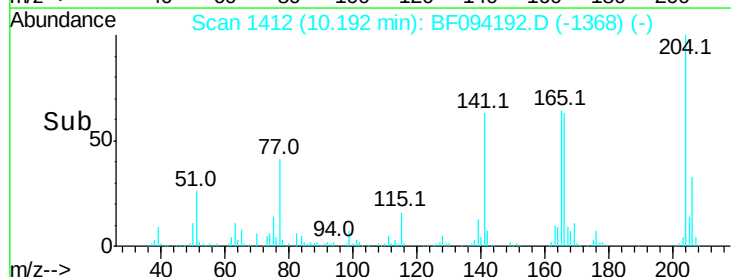
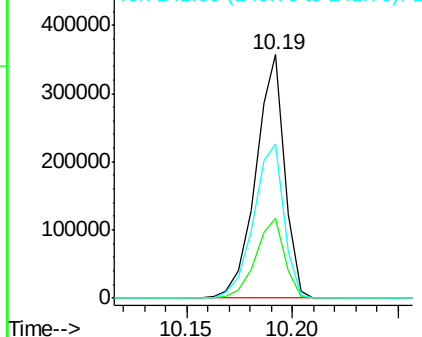


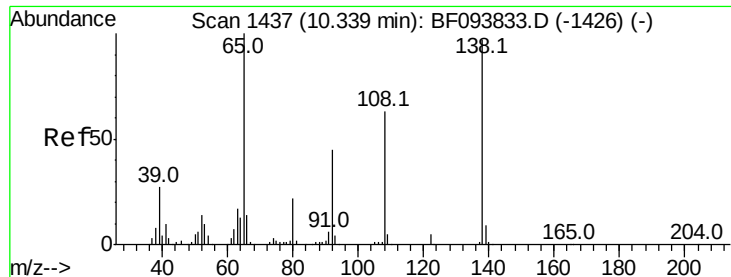
#60
4-Chlorophenyl-phenylether
Concen: 36.22 ng
RT: 10.19 min Scan# 1412
Delta R.T. -0.04 min
Lab File: BF094192.D
Acq: 5 Apr 2017 16:34

Tgt Ion:204 Resp: 337446
Ion Ratio Lower Upper
204 100
206 33.0 26.2 39.2
141 63.0 60.8 91.2



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

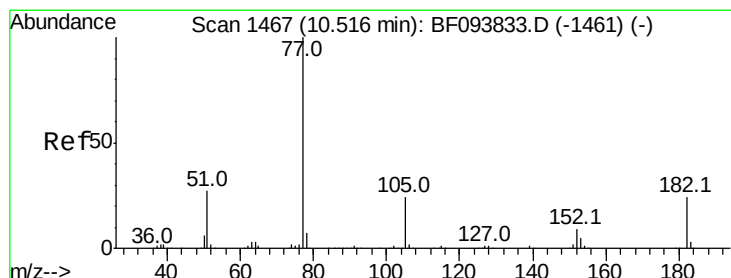
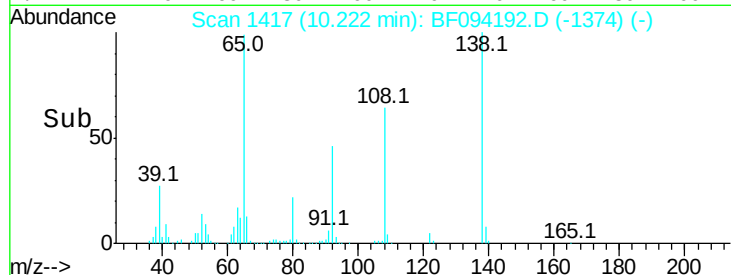
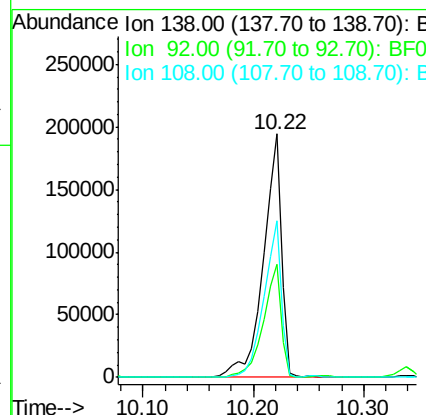
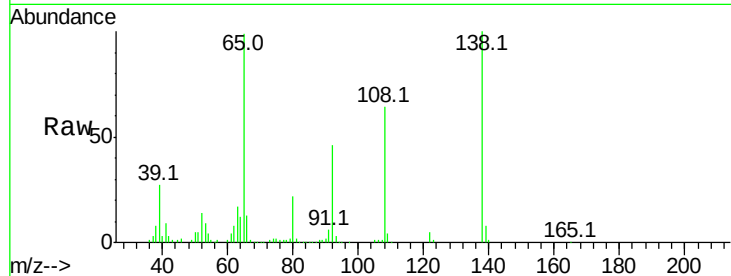




#61
4-Nitroaniline
Concen: 38.85 ng
RT: 10.22 min Scan# 1417
Delta R.T. -0.05 min
Lab File: BF094192.D
Acq: 5 Apr 2017 16:34

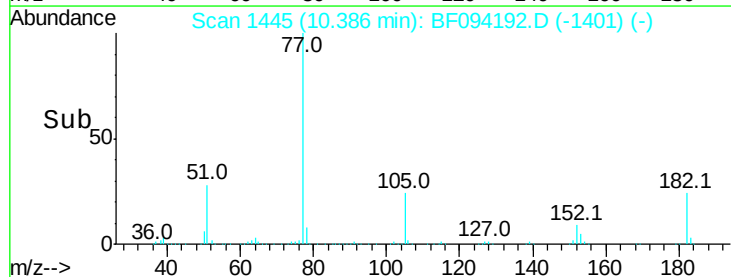
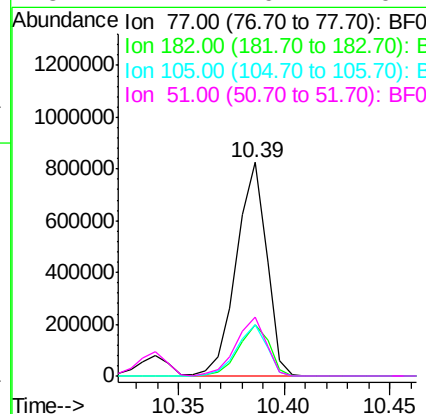
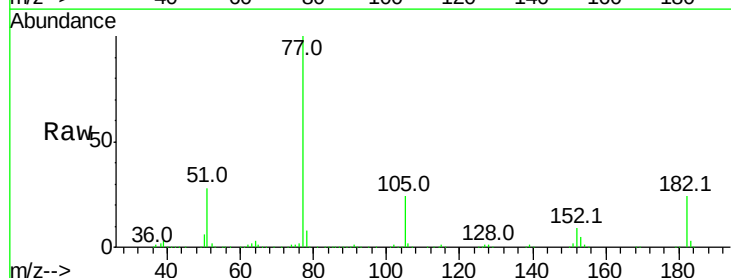
Instrument :
BNA_F
ClientSampleId :
CEMETERY-3(0-7)MS

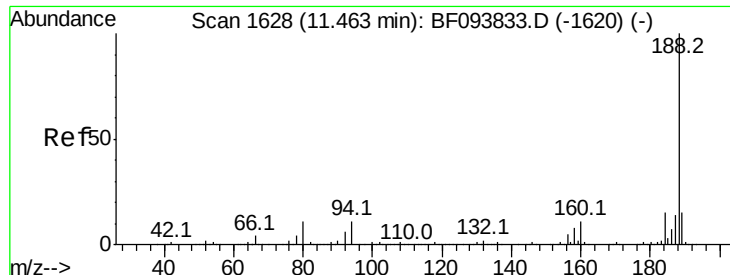
Tot Ion:138 Resp: 225698
Ion Ratio Lower Upper
138 100
92 46.5 21.8 61.8
108 64.1 42.3 82.3



#62
Azobenzene
Concen: 38.90 ng
RT: 10.39 min Scan# 1445
Delta R.T. -0.04 min
Lab File: BF094192.D
Acq: 5 Apr 2017 16:34

Tgt Ion: 77 Resp: 818165
Ion Ratio Lower Upper
77 100
182 24.2 0.1 40.1
105 24.1 3.6 43.6
51 27.7 9.4 49.4

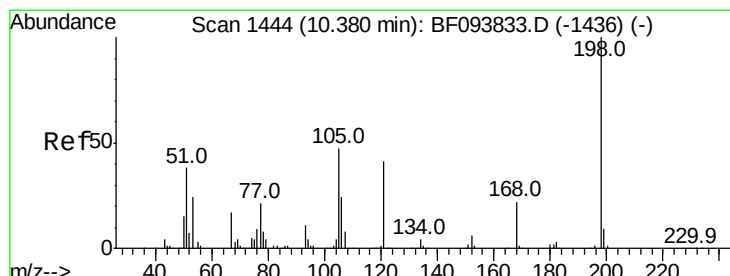
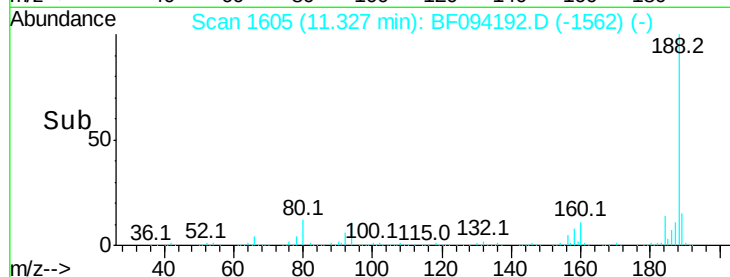
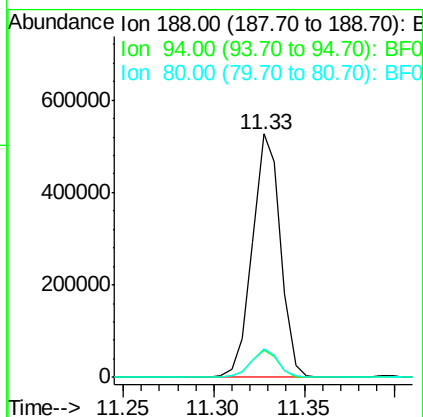
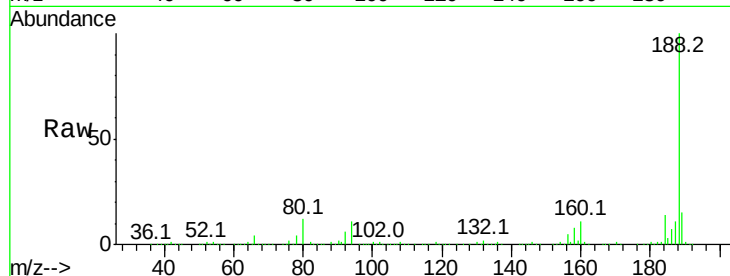




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 1605
Delta R.T. -0.05 min
Lab File: BF094192.D
Acq: 5 Apr 2017 16:34

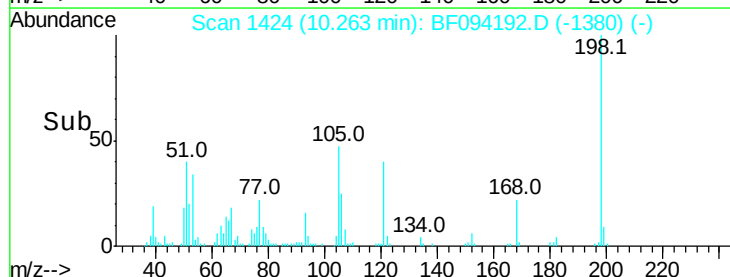
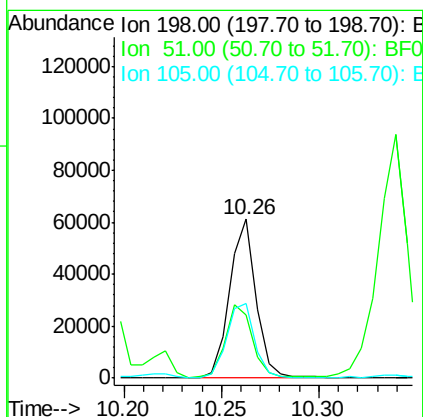
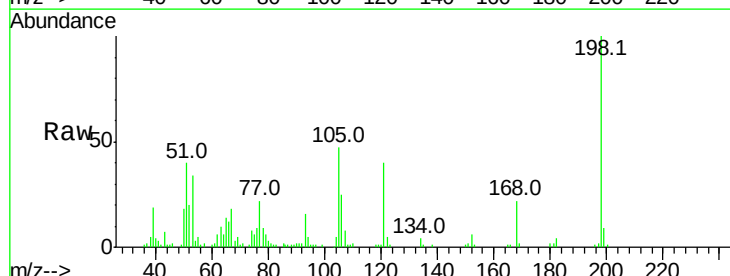
Instrument :
BNA_F
ClientSampleId :
CEMETERY-3(0-7)MS

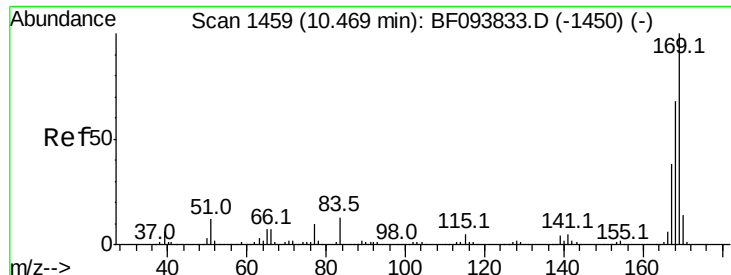
Tot Ion:188 Resp: 565838
Ion Ratio Lower Upper
188 100
94 11.2 9.4 14.2
80 11.5 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 16.56 ng
RT: 10.26 min Scan# 1424
Delta R.T. -0.04 min
Lab File: BF094192.D
Acq: 5 Apr 2017 16:34

Tgt Ion:198 Resp: 57388
Ion Ratio Lower Upper
198 100
51 40.1 53.2 93.2#
105 46.7 45.8 85.8

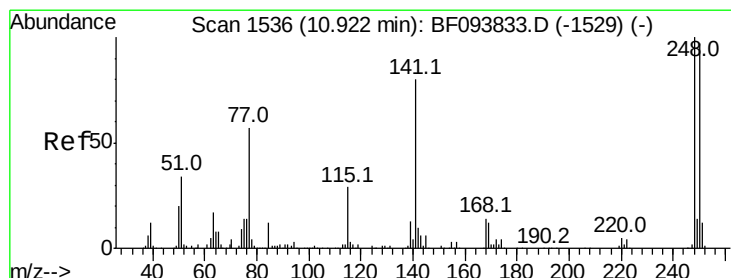
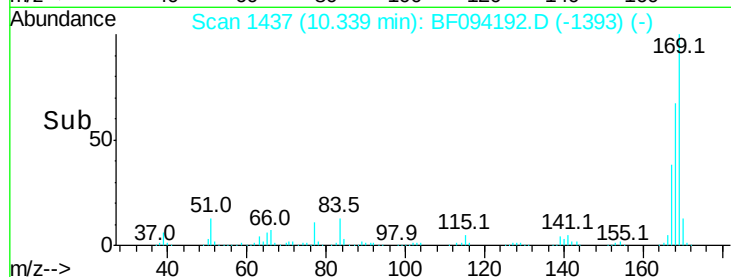
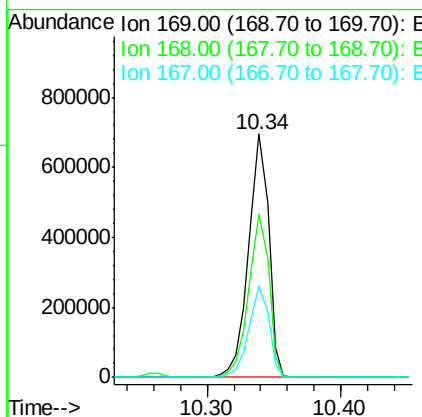
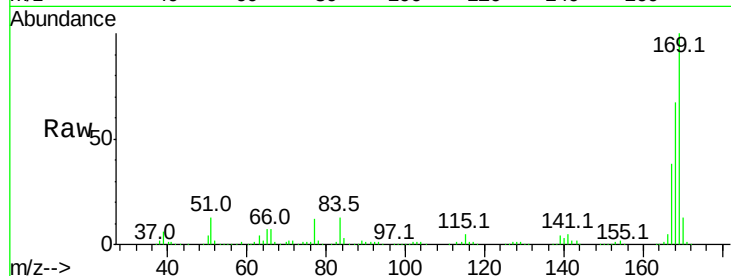




#65
 n-Nitrosodiphenylamine
 Concen: 36.90 ng
 RT: 10.34 min Scan# 1437
 Delta R.T. -0.04 min
 Lab File: BF094192.D
 Acq: 5 Apr 2017 16:34

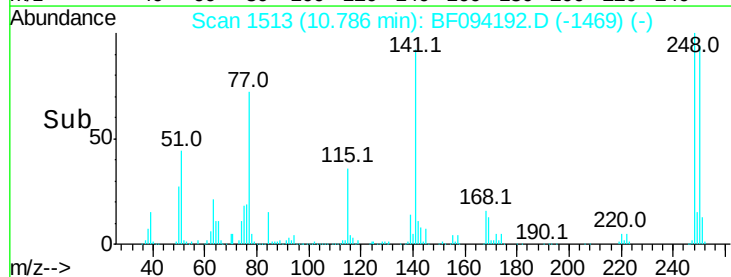
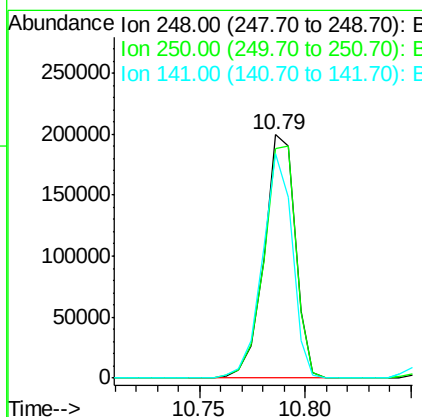
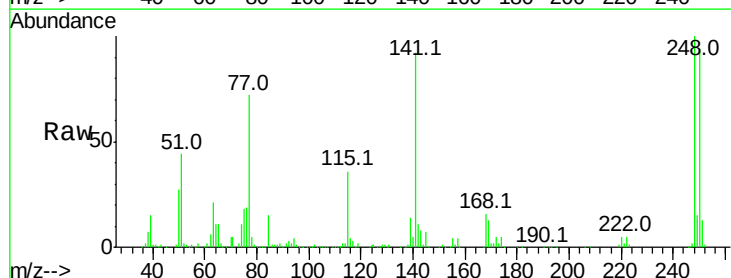
Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-3(0-7)MS

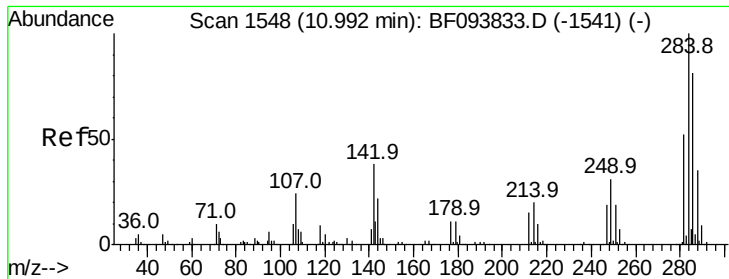
Tot Ion:169 Resp: 722134
 Ion Ratio Lower Upper
 169 100
 168 67.1 53.2 79.8
 167 37.7 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 36.93 ng
 RT: 10.79 min Scan# 1513
 Delta R.T. -0.04 min
 Lab File: BF094192.D
 Acq: 5 Apr 2017 16:34

Tgt Ion:248 Resp: 205528
 Ion Ratio Lower Upper
 248 100
 250 94.1 76.8 115.2
 141 92.0 68.6 103.0

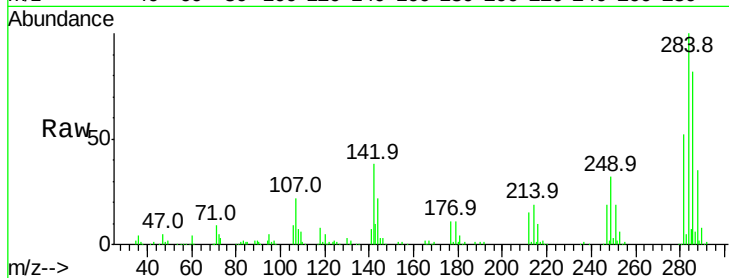




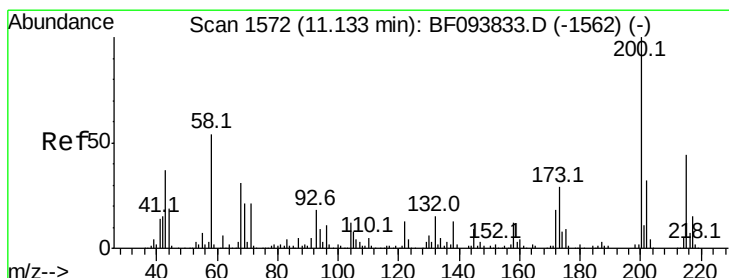
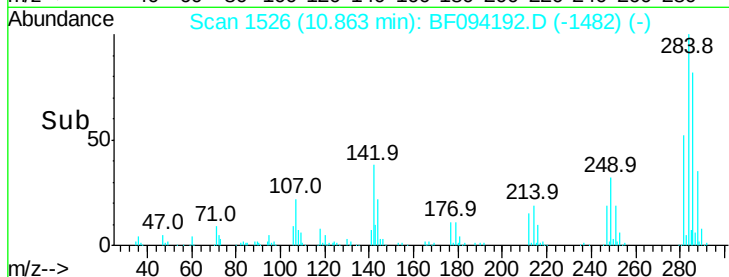
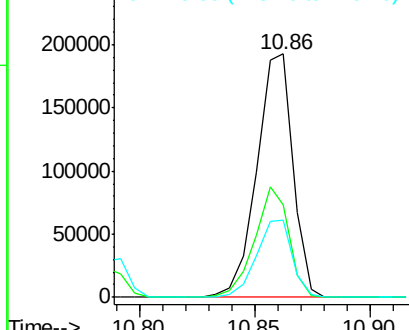
#67
Hexachlorobenzene
Concen: 37.26 ng
RT: 10.86 min Scan# 1526
Delta R.T. -0.04 min
Lab File: BF094192.D
Acq: 5 Apr 2017 16:34

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

Tot Ion:284 Resp: 209892
Ion Ratio Lower Upper
284 100
142 38.1 22.8 34.2#
249 31.8 24.0 36.0

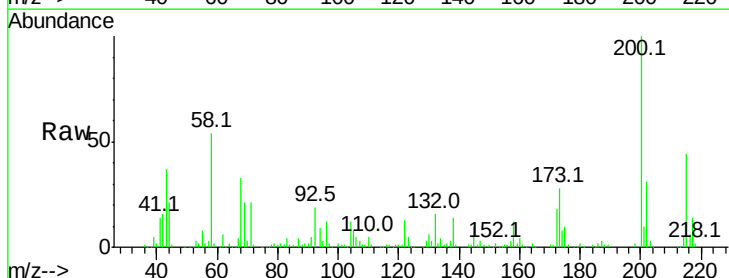


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

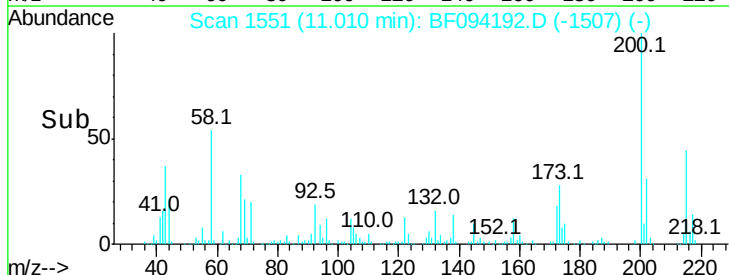
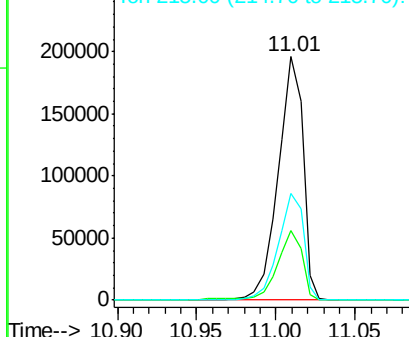


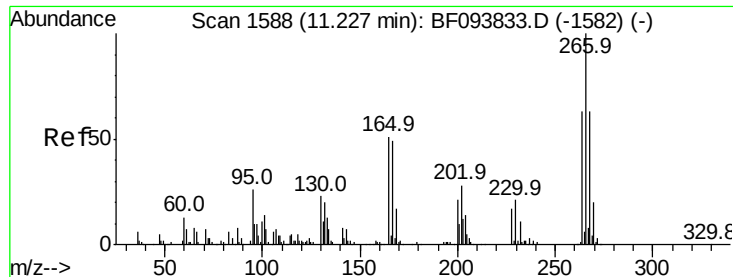
#68
Atrazine
Concen: 36.38 ng
RT: 11.01 min Scan# 1551
Delta R.T. -0.04 min
Lab File: BF094192.D
Acq: 5 Apr 2017 16:34

Tgt Ion:200 Resp: 213251
Ion Ratio Lower Upper
200 100
173 28.4 6.3 46.3
215 43.9 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

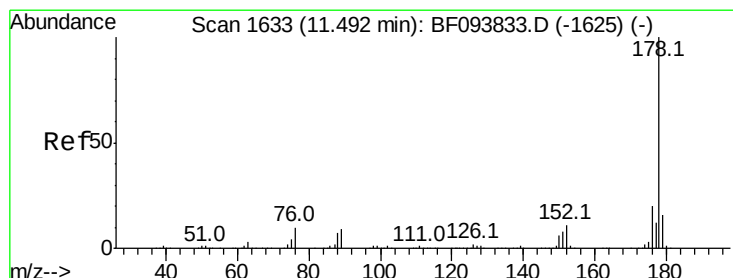
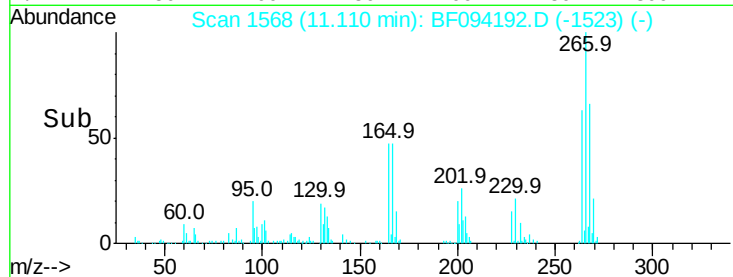
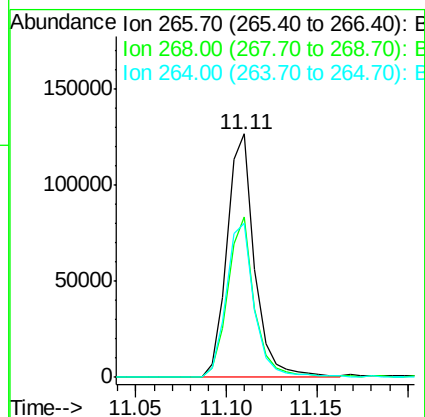
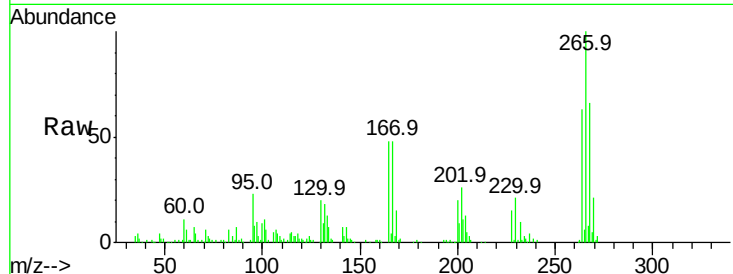




#69
 Pentachlorophenol
 Concen: 38.28 ng
 RT: 11.11 min Scan# 1568
 Delta R.T. -0.04 min
 Lab File: BF094192.D
 Acq: 5 Apr 2017 16:34

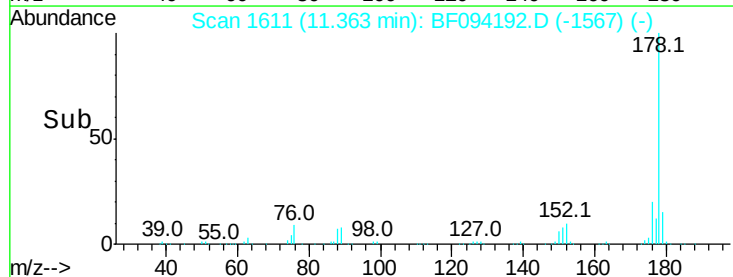
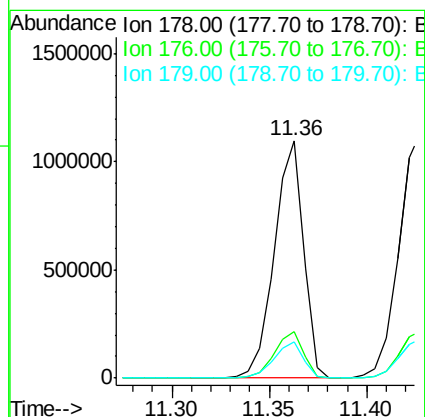
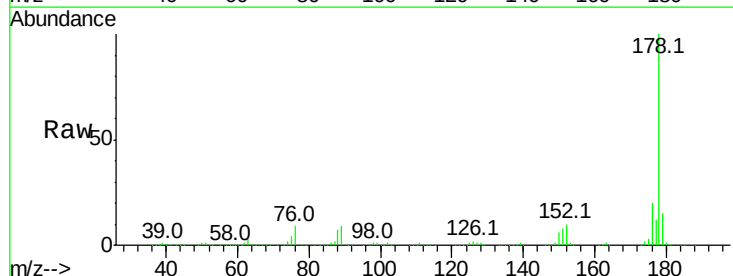
Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-3(0-7)MS

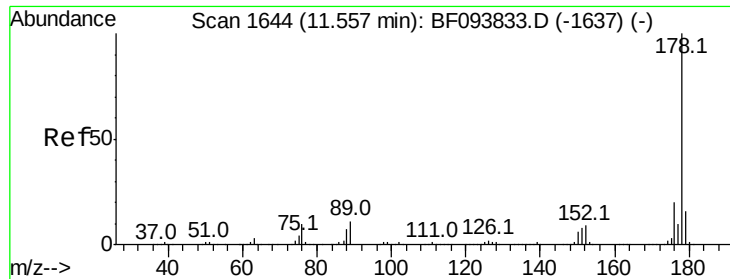
Tot Ion:266 Resp: 134219
 Ion Ratio Lower Upper
 266 100
 268 65.9 51.1 76.7
 264 63.4 51.7 77.5



#70
 Phenanthrene
 Concen: 36.12 ng
 RT: 11.36 min Scan# 1611
 Delta R.T. -0.04 min
 Lab File: BF094192.D
 Acq: 5 Apr 2017 16:34

Tgt Ion:178 Resp: 1137053
 Ion Ratio Lower Upper
 178 100
 176 19.5 16.2 24.4
 179 15.2 12.6 19.0

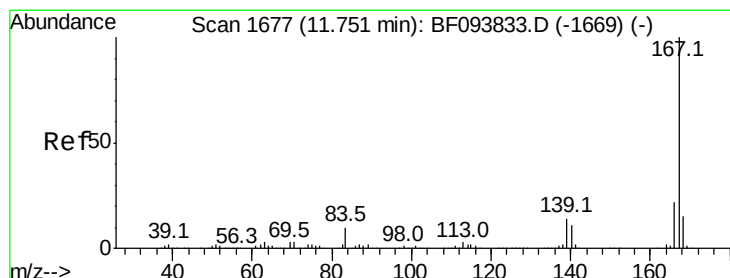
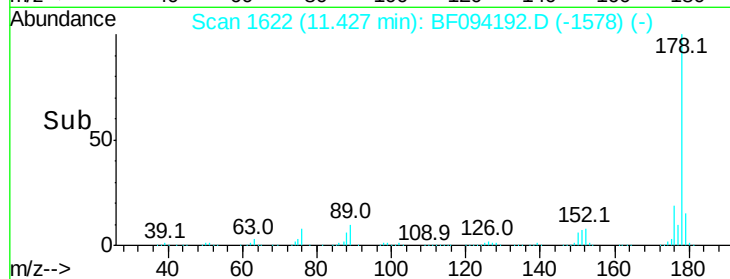
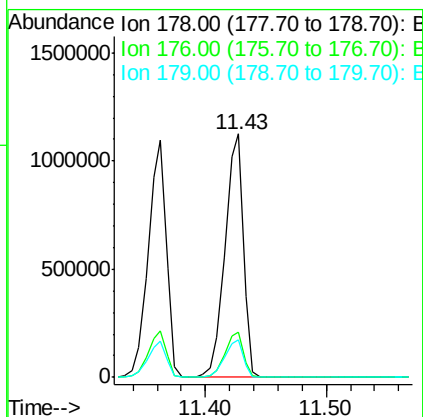
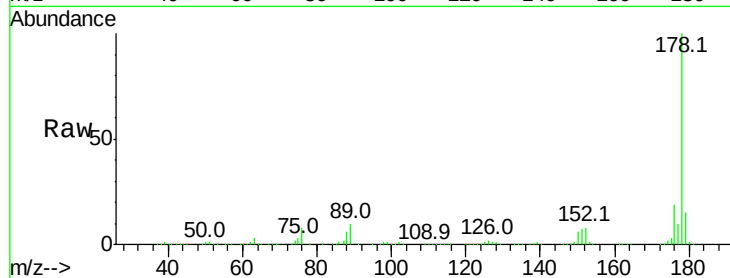




#71
 Anthracene
 Concen: 36.56 ng
 RT: 11.43 min Scan# 1622
 Delta R.T. -0.04 min
 Lab File: BF094192.D
 Acq: 5 Apr 2017 16:34

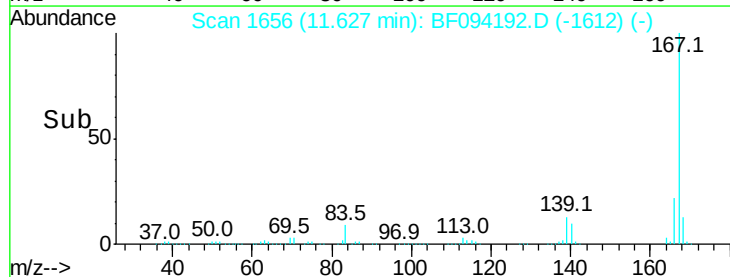
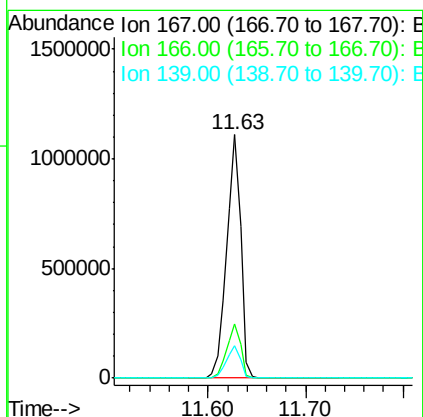
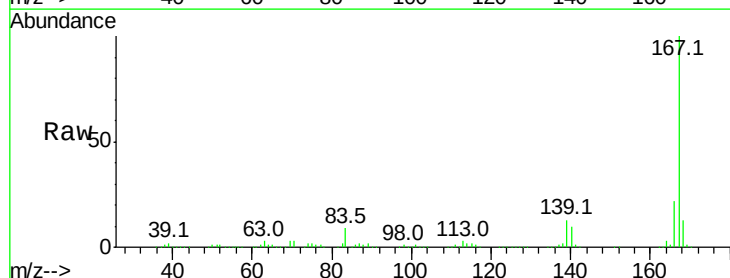
Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-3(0-7)MS

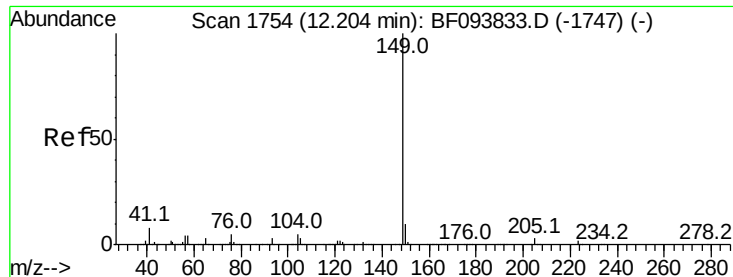
Tot Ion:178 Resp: 1184925
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.8 23.8
 179 15.3 12.7 19.1



#72
 Carbazole
 Concen: 33.36 ng
 RT: 11.63 min Scan# 1656
 Delta R.T. -0.04 min
 Lab File: BF094192.D
 Acq: 5 Apr 2017 16:34

Tgt Ion:167 Resp: 1108528
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.1 27.1
 139 13.4 11.7 17.5

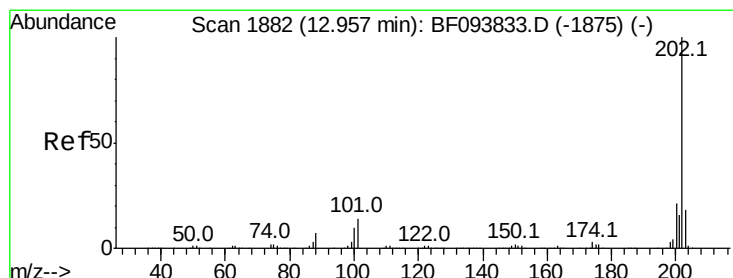
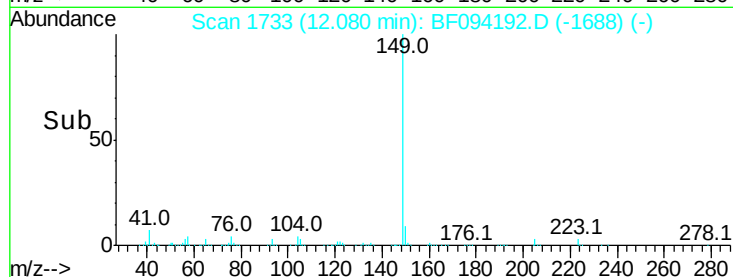
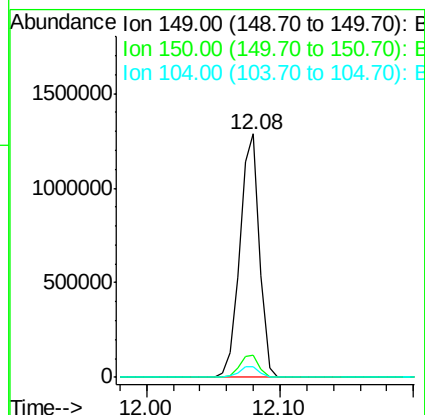
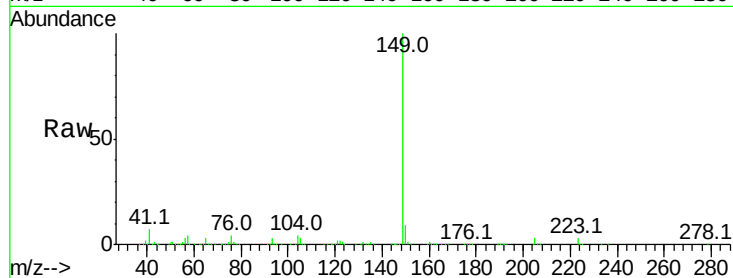




#73
Di-n-butylphthalate
Concen: 37.84 ng
RT: 12.08 min Scan# 1733
Delta R.T. -0.04 min
Lab File: BF094192.D
Acq: 5 Apr 2017 16:34

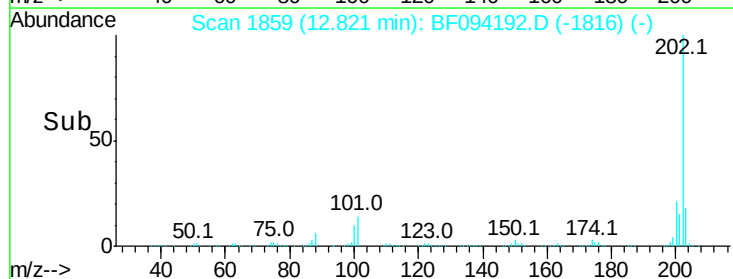
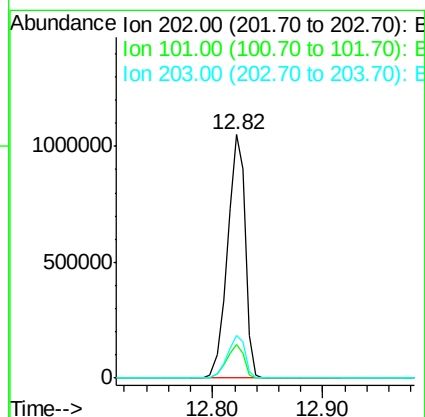
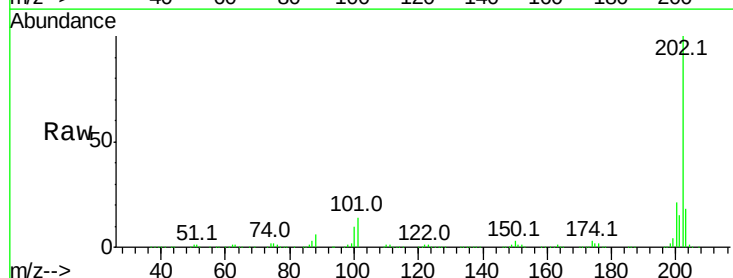
Instrument :
BNA_F
ClientSampleId :
CEMETERY-3(0-7)MS

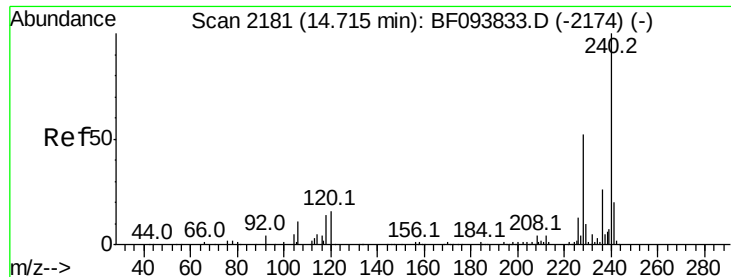
Tot Ion:149 Resp: 1307659
Ion Ratio Lower Upper
149 100
150 9.2 7.7 11.5
104 4.4 4.0 6.0



#74
Fluoranthene
Concen: 36.55 ng
RT: 12.82 min Scan# 1859
Delta R.T. -0.05 min
Lab File: BF094192.D
Acq: 5 Apr 2017 16:34

Tgt Ion:202 Resp: 1177915
Ion Ratio Lower Upper
202 100
101 13.9 0.0 33.2
203 17.6 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.58 min Scan# 2158

Delta R.T. -0.05 min

Lab File: BF094192.D

Acq: 5 Apr 2017 16:34

Instrument :

BNA_F

ClientSampleId :

CEMETERY-3(0-7)MS

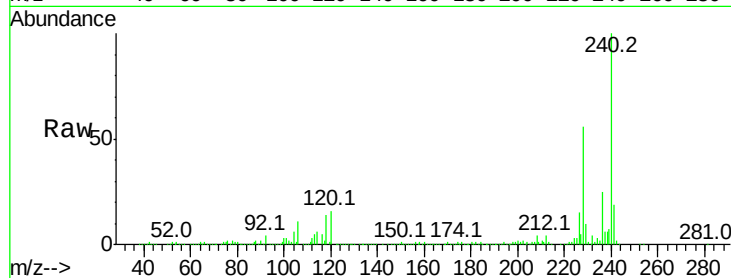
Tot Ion:240 Resp: 443851

Ion Ratio Lower Upper

240 100

120 16.0 5.8 8.8#

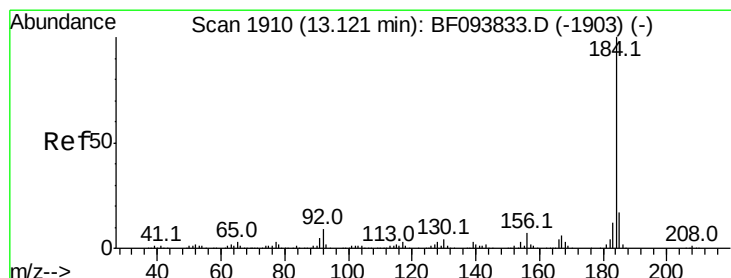
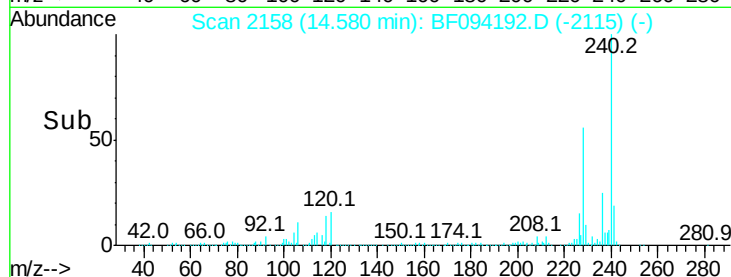
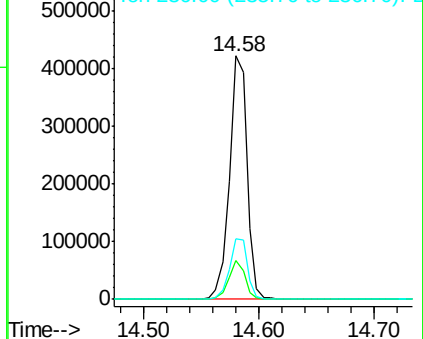
236 25.0 20.5 30.7



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: 20.11 ng

RT: 12.99 min Scan# 1888

Delta R.T. -0.04 min

Lab File: BF094192.D

Acq: 5 Apr 2017 16:34

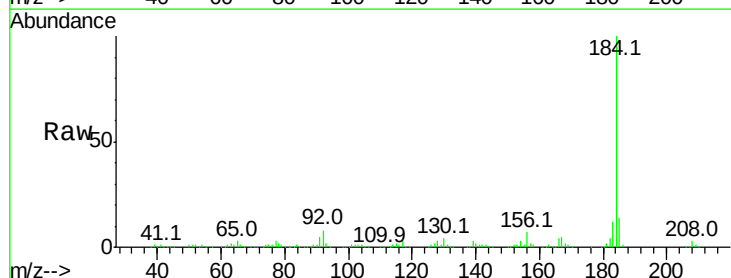
Tgt Ion:184 Resp: 353250

Ion Ratio Lower Upper

184 100

185 13.6 15.5 23.3#

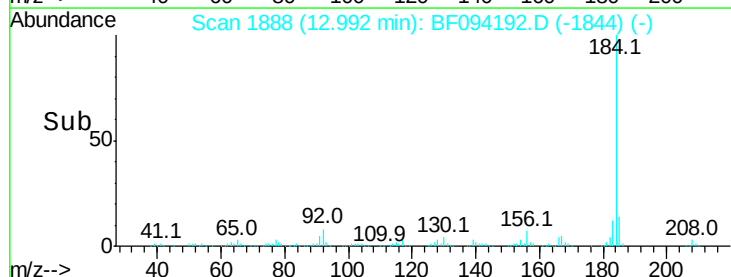
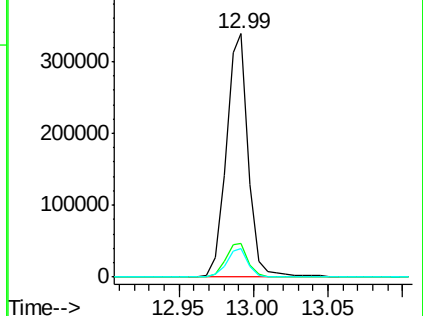
183 12.0 9.8 14.6

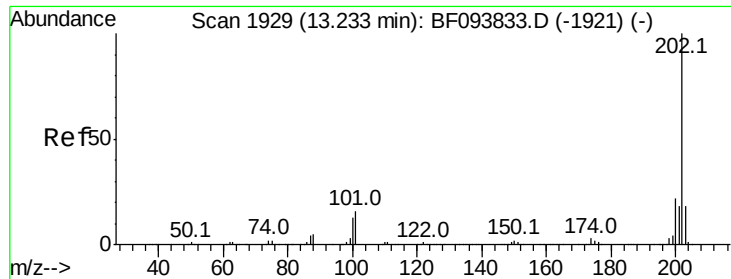


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

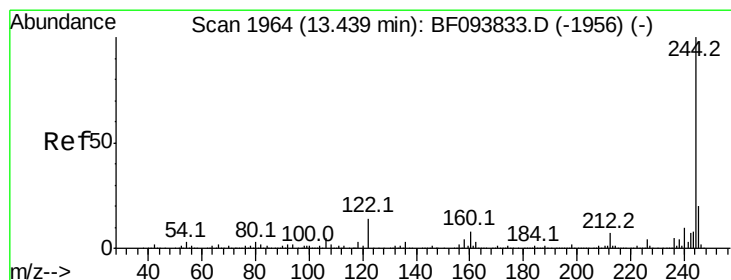
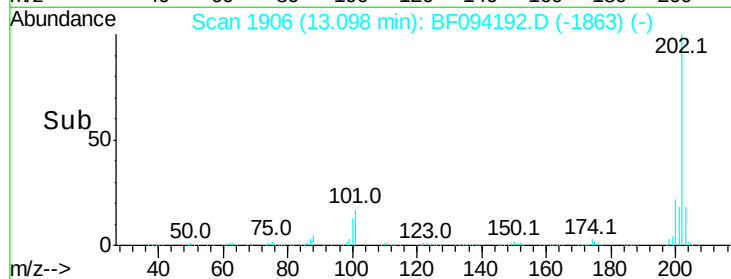
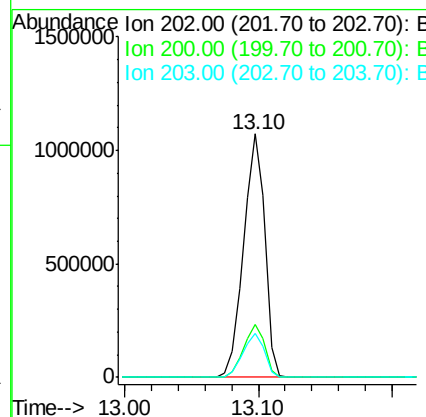
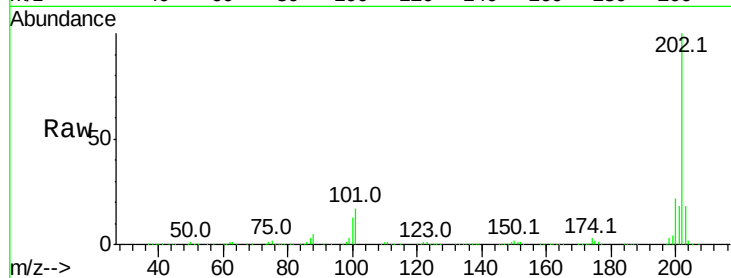




#77
Pvrene
Concen: 36.71 ng
RT: 13.10 min Scan# 1906
Delta R.T. -0.05 min
Lab File: BF094192.D
Acq: 5 Apr 2017 16:34

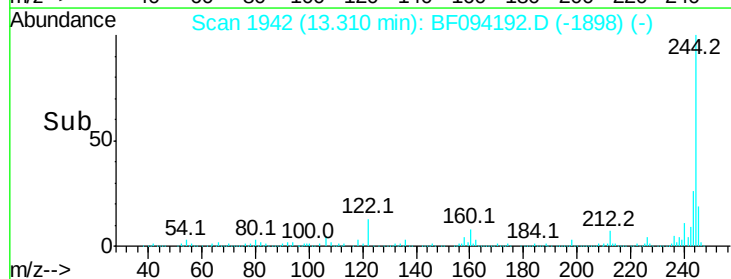
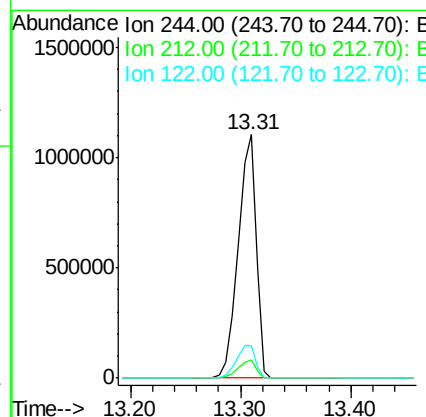
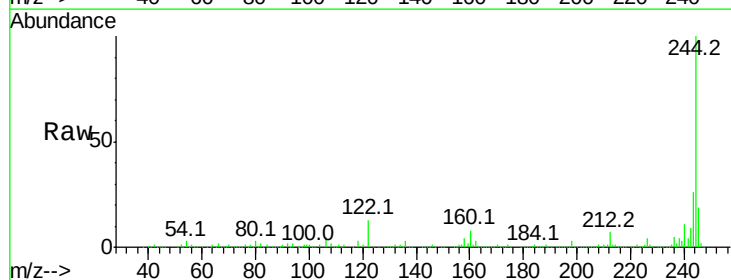
Instrument :
BNA_F
ClientSampleId :
CEMETERY-3(0-7)MS

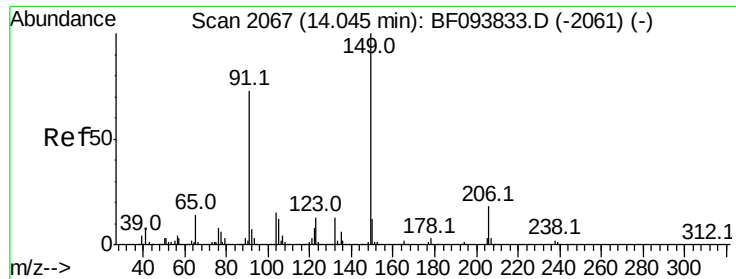
Tot Ion:202 Resp: 1182443
Ion Ratio Lower Upper
202 100
200 21.6 17.6 26.4
203 17.8 14.4 21.6



#78
Terphenyl-d14
Concen: 64.21 ng
RT: 13.31 min Scan# 1942
Delta R.T. -0.04 min
Lab File: BF094192.D
Acq: 5 Apr 2017 16:34

Tgt Ion:244 Resp: 1271388
Ion Ratio Lower Upper
244 100
212 7.4 6.0 9.0
122 13.2 10.3 15.5

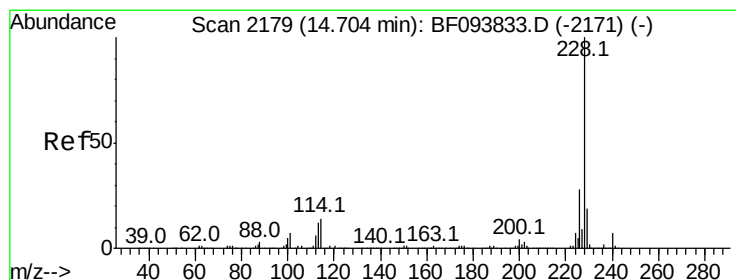
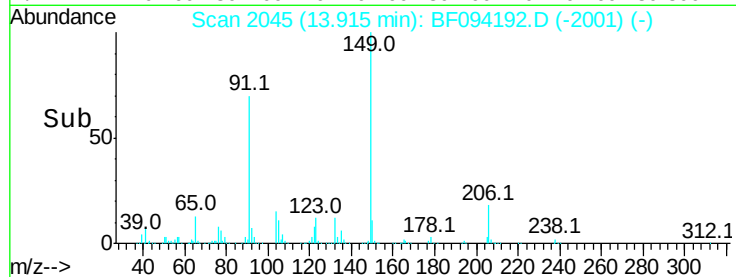
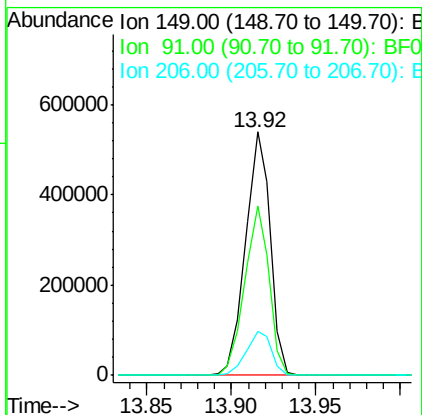
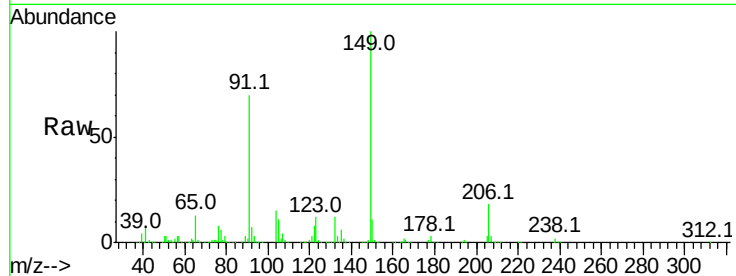




#79
Butylbenzylphthalate
Concen: 40.30 ng
RT: 13.92 min Scan# 2045
Delta R.T. -0.04 min
Lab File: BF094192.D
Acq: 5 Apr 2017 16:34

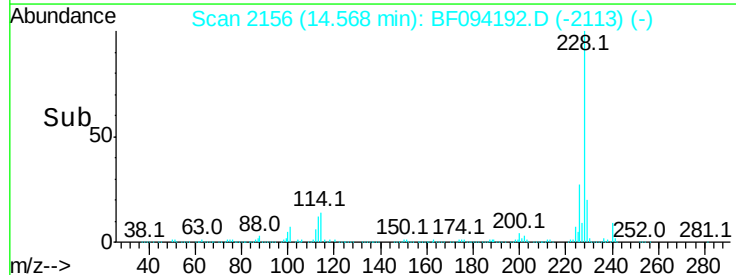
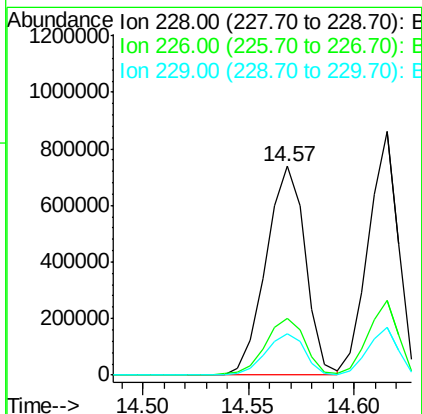
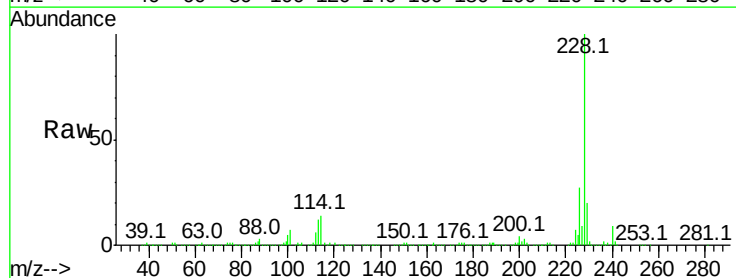
Instrument :
BNA_F
ClientSampleId :
CEMETERY-3(0-7)MS

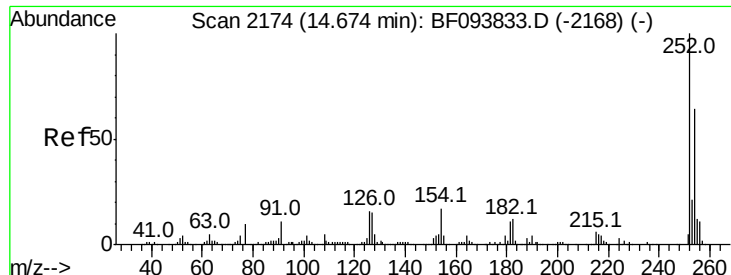
Tot Ion:149 Resp: 553094
Ion Ratio Lower Upper
149 100
91 69.5 45.0 67.4#
206 18.0 17.0 25.6



#80
Benzo(a)anthracene
Concen: 37.00 ng
RT: 14.57 min Scan# 2156
Delta R.T. -0.05 min
Lab File: BF094192.D
Acq: 5 Apr 2017 16:34

Tgt Ion:228 Resp: 957579
Ion Ratio Lower Upper
228 100
226 27.4 22.6 33.8
229 19.7 16.3 24.5

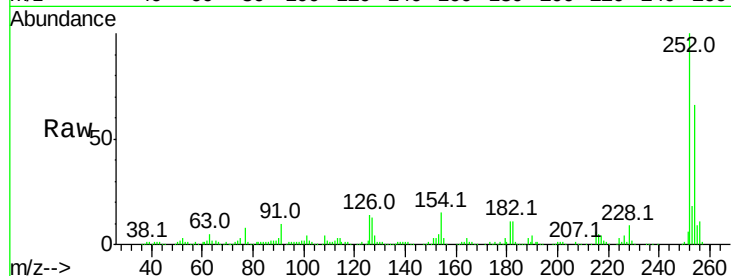




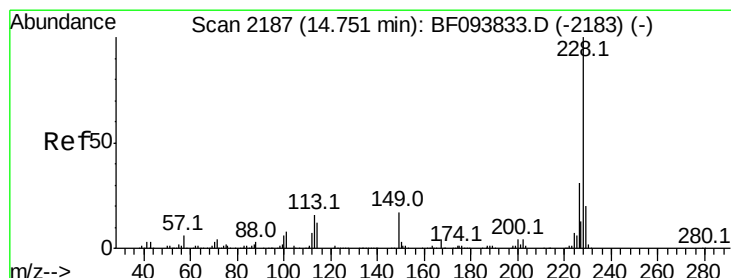
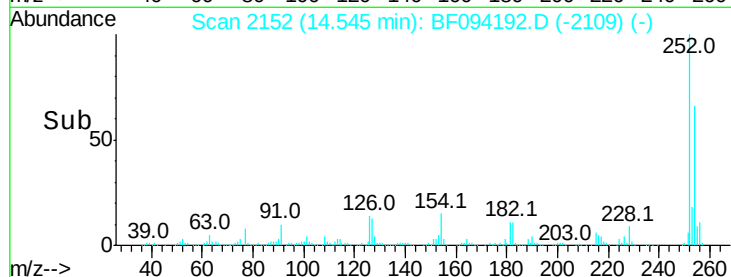
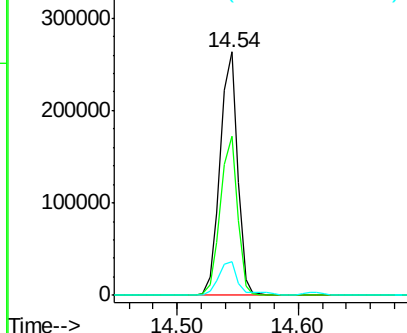
#81
 3,3'-Dichlorobenzidine
 Concen: 28.43 ng
 RT: 14.54 min Scan# 2152
 Delta R.T. -0.05 min
 Lab File: BF094192.D
 Acq: 5 Apr 2017 16:34

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

Tot Ion:252 Resp: 263054
 Ion Ratio Lower Upper
 252 100
 254 65.5 51.5 77.3
 126 13.8 15.8 23.8#

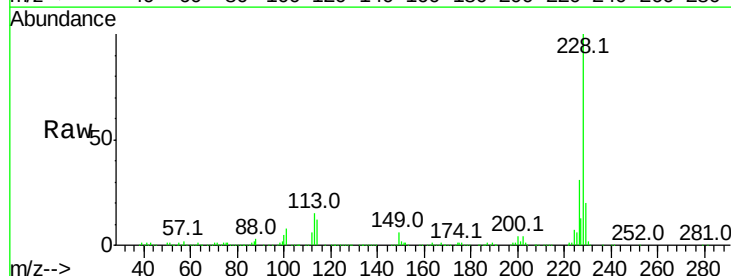


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

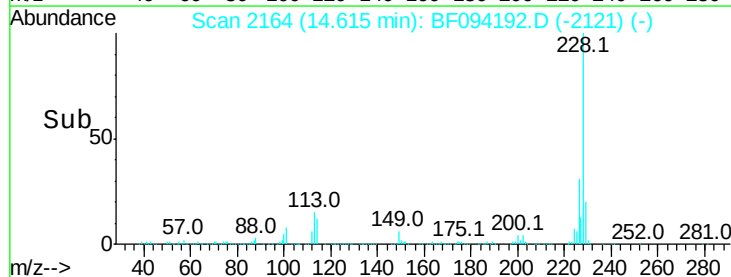
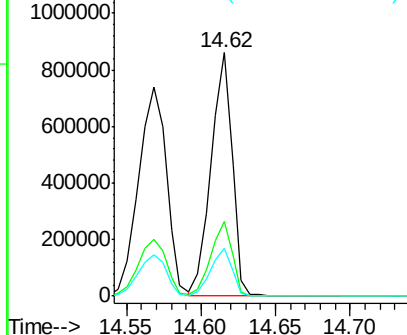


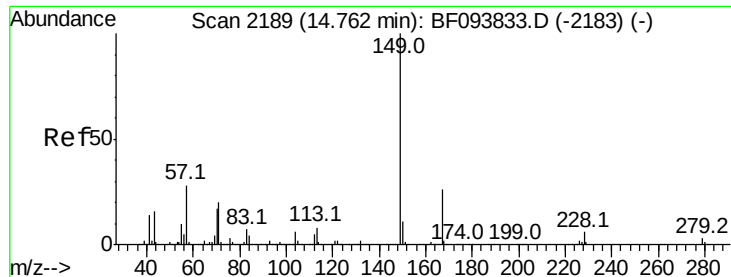
#82
 Chrysene
 Concen: 35.37 ng
 RT: 14.62 min Scan# 2164
 Delta R.T. -0.05 min
 Lab File: BF094192.D
 Acq: 5 Apr 2017 16:34

Tgt Ion:228 Resp: 849468
 Ion Ratio Lower Upper
 228 100
 226 30.7 24.9 37.3
 229 19.6 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

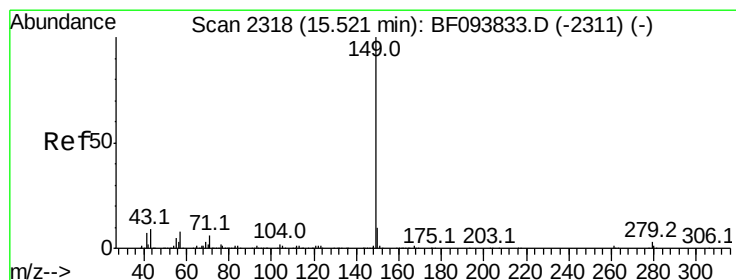
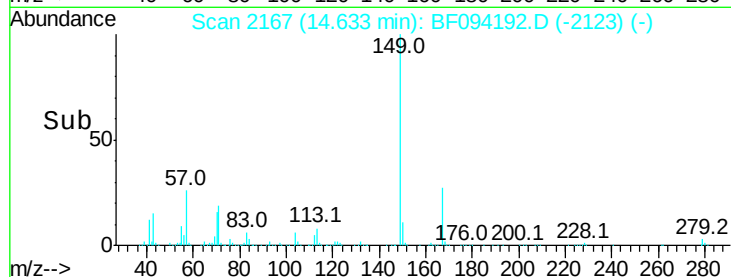
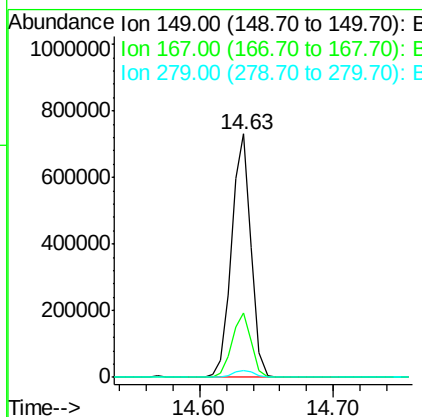
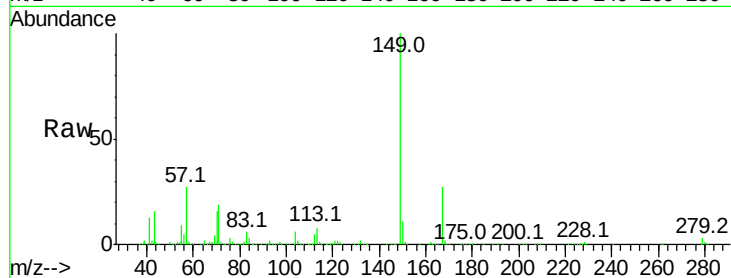




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.80 ng
 RT: 14.63 min Scan# 2167
 Delta R.T. -0.04 min
 Lab File: BF094192.D
 Acq: 5 Apr 2017 16:34

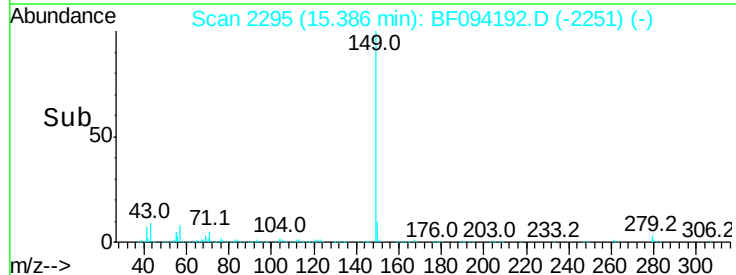
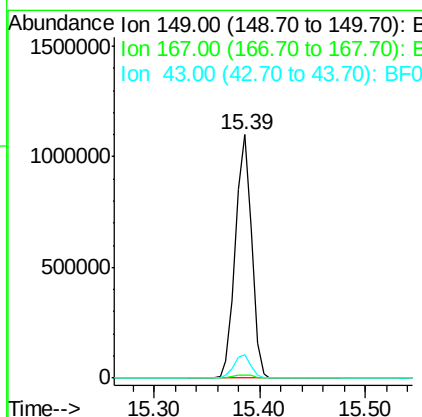
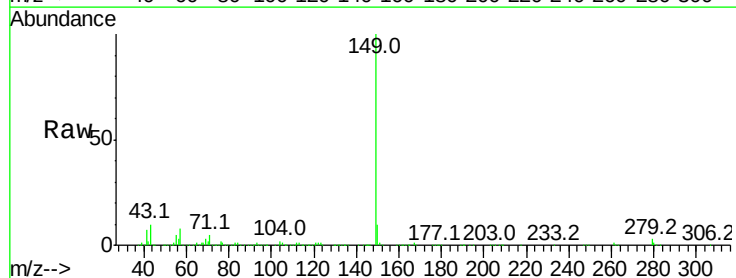
Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-3(0-7)MS

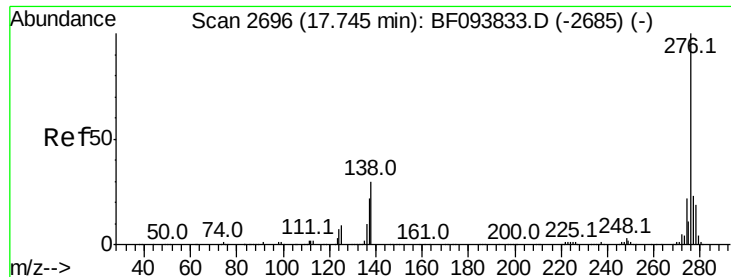
Tot Ion:149 Resp: 745173
 Ion Ratio Lower Upper
 149 100
 167 26.7 21.0 31.4
 279 3.0 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 36.80 ng
 RT: 15.39 min Scan# 2295
 Delta R.T. -0.04 min
 Lab File: BF094192.D
 Acq: 5 Apr 2017 16:34

Tgt Ion:149 Resp: 1151279
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.6 8.5 12.7

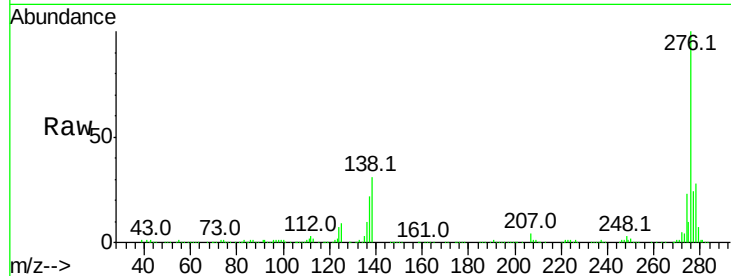




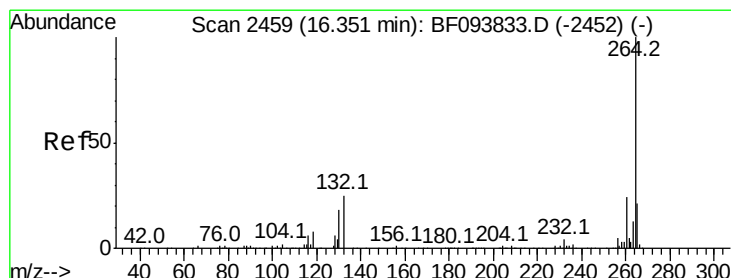
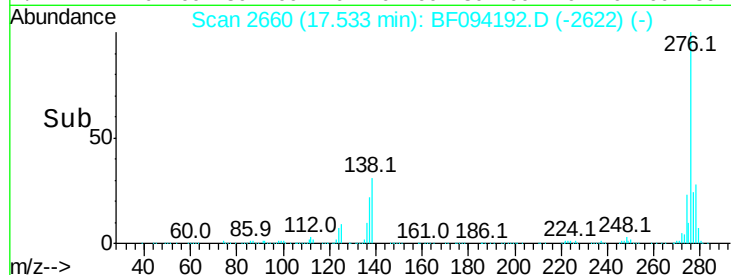
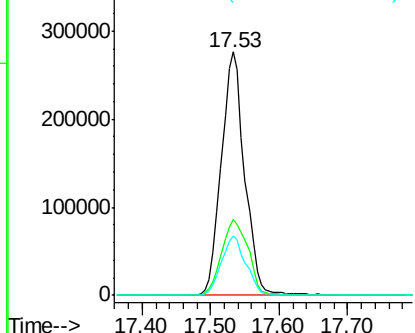
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 31.45 ng
 RT: 17.53 min Scan# 2660
 Delta R.T. -0.08 min
 Lab File: BF094192.D
 Acq: 5 Apr 2017 16:34

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

Tot Ion:276 Resp: 654262
 Ion Ratio Lower Upper
 276 100
 138 35.2 27.8 41.6
 277 25.3 20.2 30.4

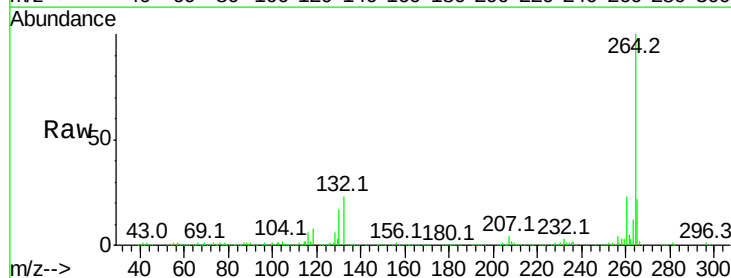


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

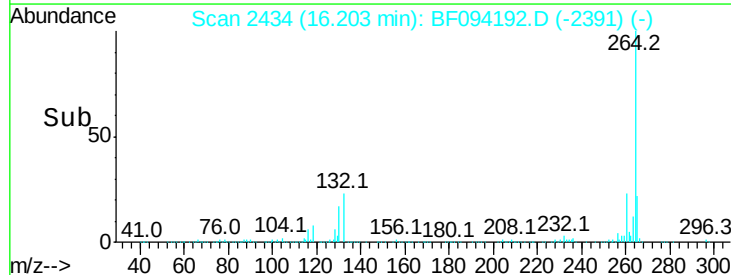
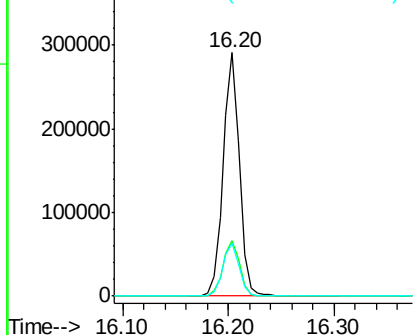


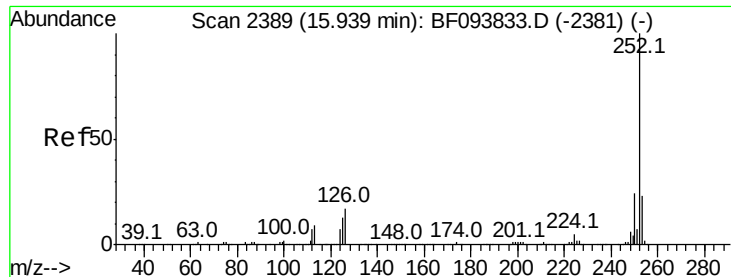
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.20 min Scan# 2434
 Delta R.T. -0.05 min
 Lab File: BF094192.D
 Acq: 5 Apr 2017 16:34

Tgt Ion:264 Resp: 313825
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.5 29.3
 265 21.6 17.2 25.8



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

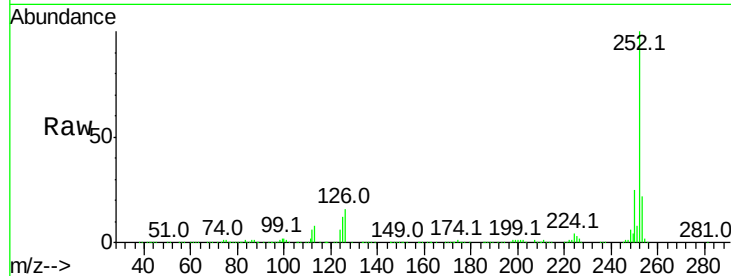




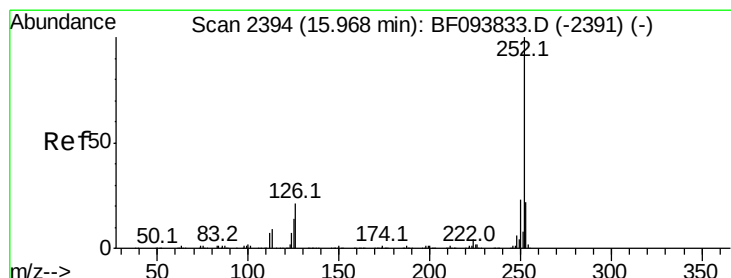
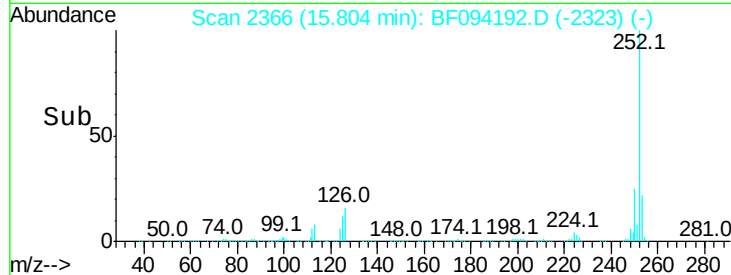
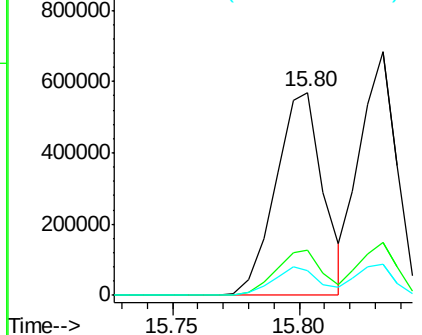
#87
Benzo(b)fluoranthene
Concen: 38.70 ng
RT: 15.80 min Scan# 2366
Delta R.T. -0.05 min
Lab File: BF094192.D
Acq: 5 Apr 2017 16:34

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

Tot Ion:252 Resp: 744507
Ion Ratio Lower Upper
252 100
253 22.3 18.1 27.1
125 12.3 9.8 14.8

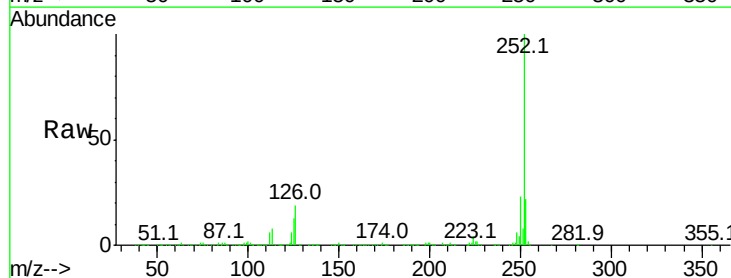


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

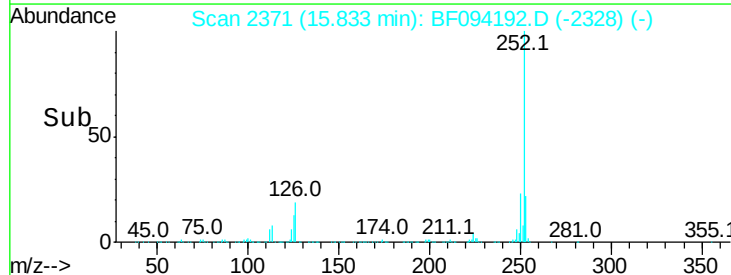
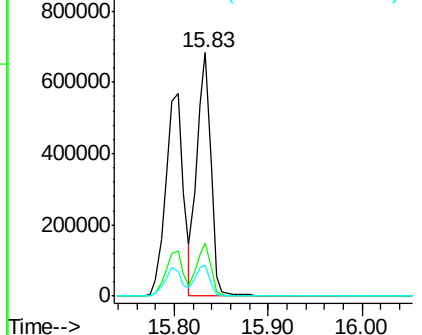


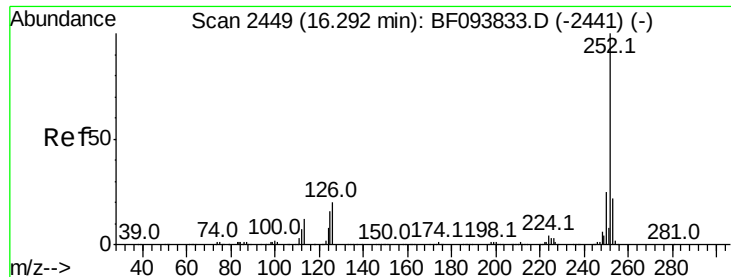
#88
Benzo(k)fluoranthene
Concen: 37.07 ng
RT: 15.83 min Scan# 2371
Delta R.T. -0.05 min
Lab File: BF094192.D
Acq: 5 Apr 2017 16:34

Tgt Ion:252 Resp: 697718
Ion Ratio Lower Upper
252 100
253 21.9 18.4 27.6
125 13.0 13.1 19.7#



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





#89

Benzo(a)pyrene

Concen: 36.87 ng

RT: 16.14 min Scan# 2424

Delta R.T. -0.05 min

Lab File: BF094192.D

Acq: 5 Apr 2017 16:34

Instrument :

BNA_F

ClientSampleId :

CEMETERY-3(0-7)MS

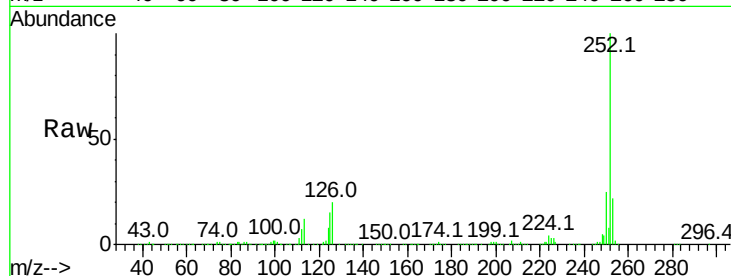
Tot Ion:252 Resp: 653187

Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

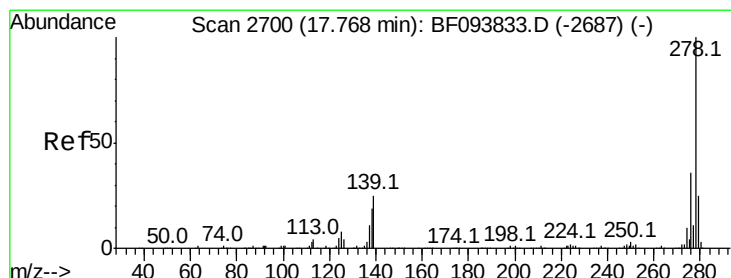
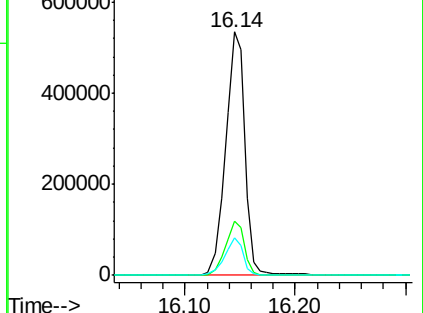
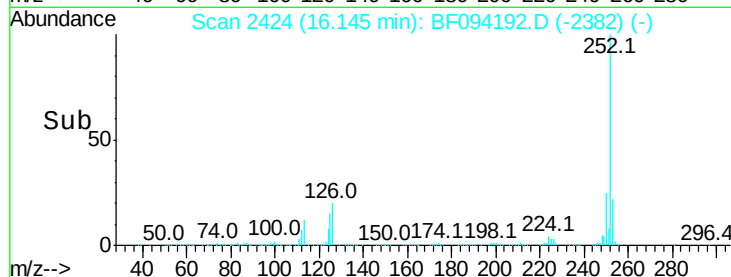
125 15.4 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 36.28 ng

RT: 17.55 min Scan# 2663

Delta R.T. -0.08 min

Lab File: BF094192.D

Acq: 5 Apr 2017 16:34

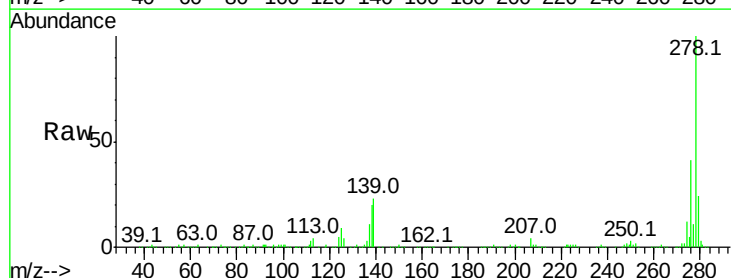
Tgt Ion:278 Resp: 544210

Ion Ratio Lower Upper

278 100

139 23.4 16.6 24.8

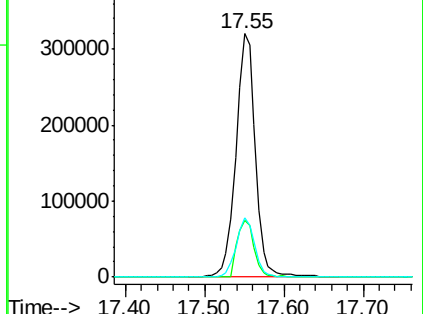
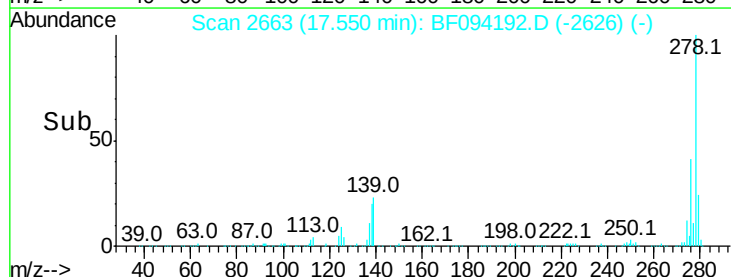
279 24.1 19.3 28.9

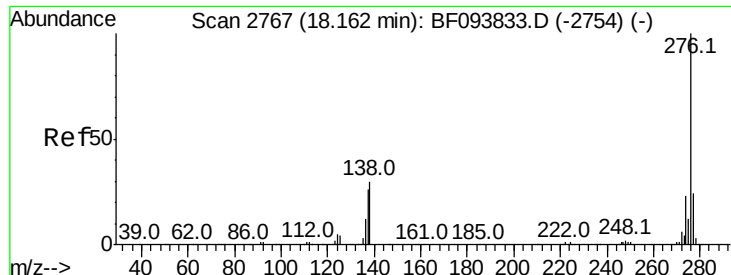


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 36.95 ng

RT: 17.93 min Scan# 2727

Delta R.T. -0.08 min

Lab File: BF094192.D

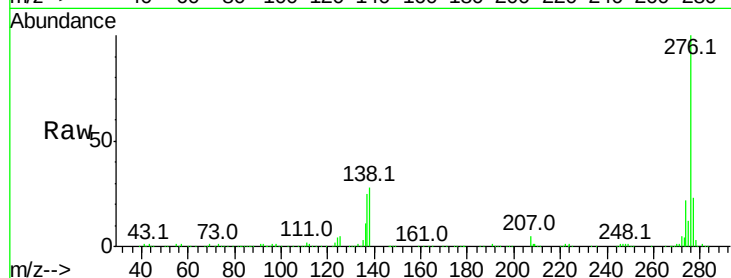
Acq: 5 Apr 2017 16:34

Instrument :

BNA_F

ClientSampleId :

CEMETERY-3(0-7)MS



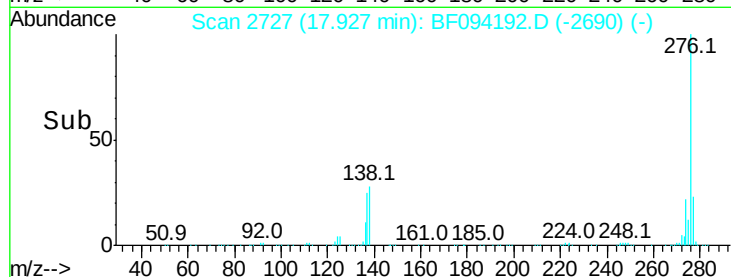
Tot Ion:276 Resp: 558580

Ion Ratio Lower Upper

276 100

277 22.5 18.6 28.0

138 27.6 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

