

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050217\
 Data File : BF094805.D
 Acq On : 2 May 2017 21:28
 Operator : SJ/MA
 Sample : I2925-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 220-1W-CONCRETE-COMP

Quant Time: May 03 02:44:43 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 02 17:18:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	85292	20.00	ng	0.00
21) Naphthalene-d8	9.75	136	354866	20.00	ng	0.00
38) Acenaphthene-d10	12.58	164	156896	20.00	ng	0.00
63) Phenanthrene-d10	14.98	188	274645	20.00	ng	0.00
75) Chrysene-d12	18.64	240	181658	20.00	ng	-0.01
86) Perylene-d12	20.31	264	158538	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.74	112	10049	1.96	ng	0.06
7) Phenol-d6	7.28	99	135848	22.13	ng	0.00
23) Nitrobenzene-d5	8.62	82	401584	71.36	ng	-0.01
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	11.52	172	794057	72.85	ng	0.00
78) Terphenyl-d14	17.31	244	646306	78.36	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.08	88	124	0.049	ng	# 21
4) n-Nitrosodimethylamine	2.70	42	235	0.097	ng	# 1
10) Phenol	7.30	94	2304	0.356	ng	# 16
15) Benzyl Alcohol	8.02	79	8826	2.236	ng	# 91
16) 2,2'-oxybis(1-Chloropropan	8.24	45	134	0.018	ng	# 1
17) 2-Methylphenol	8.15	107	366	0.077	ng	# 25
22) Acetophenone	8.41	105	1242	0.146	ng	# 82
24) Nitrobenzene	8.62	77	1106	0.188	ng	# 36
25) Isophorone	9.05	82	35045	3.488	ng	# 97
26) 2-Nitrophenol	9.05	139	371	0.117	ng	# 71
31) Naphthalene	9.78	128	2333	0.131	ng	# 68
36) 4-Chloro-3-methylphenol	10.63	107	680	0.131	ng	# 14
45) 1,1'-Biphenyl	11.68	154	1004	0.076	ng	# 42
48) Acenaphthylene	12.60	152	2513	0.150	ng	# 41
49) Dimethylphthalate	12.21	163	125535	9.746	ng	# 99
50) 2,6-Dinitrotoluene	12.21	165	1346	0.512	ng	# 7
51) Acenaphthene	11.68	154	1004	0.076	ng	# 26
54) Dibenzofuran	12.69	168	5510	0.399	ng	# 52
55) 4-Nitrophenol	12.70	139	111	0.066	ng	# 25
56) 2,4-Dinitrotoluene	12.70	165	1556	0.461	ng	# 31
59) Diethylphthalate	13.37	149	1639	0.133	ng	# 60
70) Phenanthrene	15.01	178	403	0.026	ng	# 59
71) Anthracene	15.01	178	403	0.025	ng	# 59
73) Di-n-butylphthalate	15.95	149	7067	0.386	ng	# 94
77) Pyrene	17.30	202	1967	0.145	ng	# 66
79) Butylbenzylphthalate	17.97	149	460	0.073	ng	# 82
80) Benzo(a)anthracene	18.64	228	145	0.014	ng	# 50
82) Chrysene	18.68	228	252	0.025	ng	# 49
83) Bis(2-ethylhexyl)phthalate	18.71	149	7990	0.887	ng	# 98
84) Di-n-octyl phthalate	19.48	149	620	0.042	ng	# 75
87) Benzo(b)fluoranthene	19.92	252	247	0.025	ng	# 59
88) Benzo(k)fluoranthene	19.92	252	247	0.026	ng	# 56
89) Benzo(a)pyrene	20.31	252	307	0.034	ng	# 59
91) Benzo(g,h,i)perylene	22.02	276	136	0.019	ng	# 47

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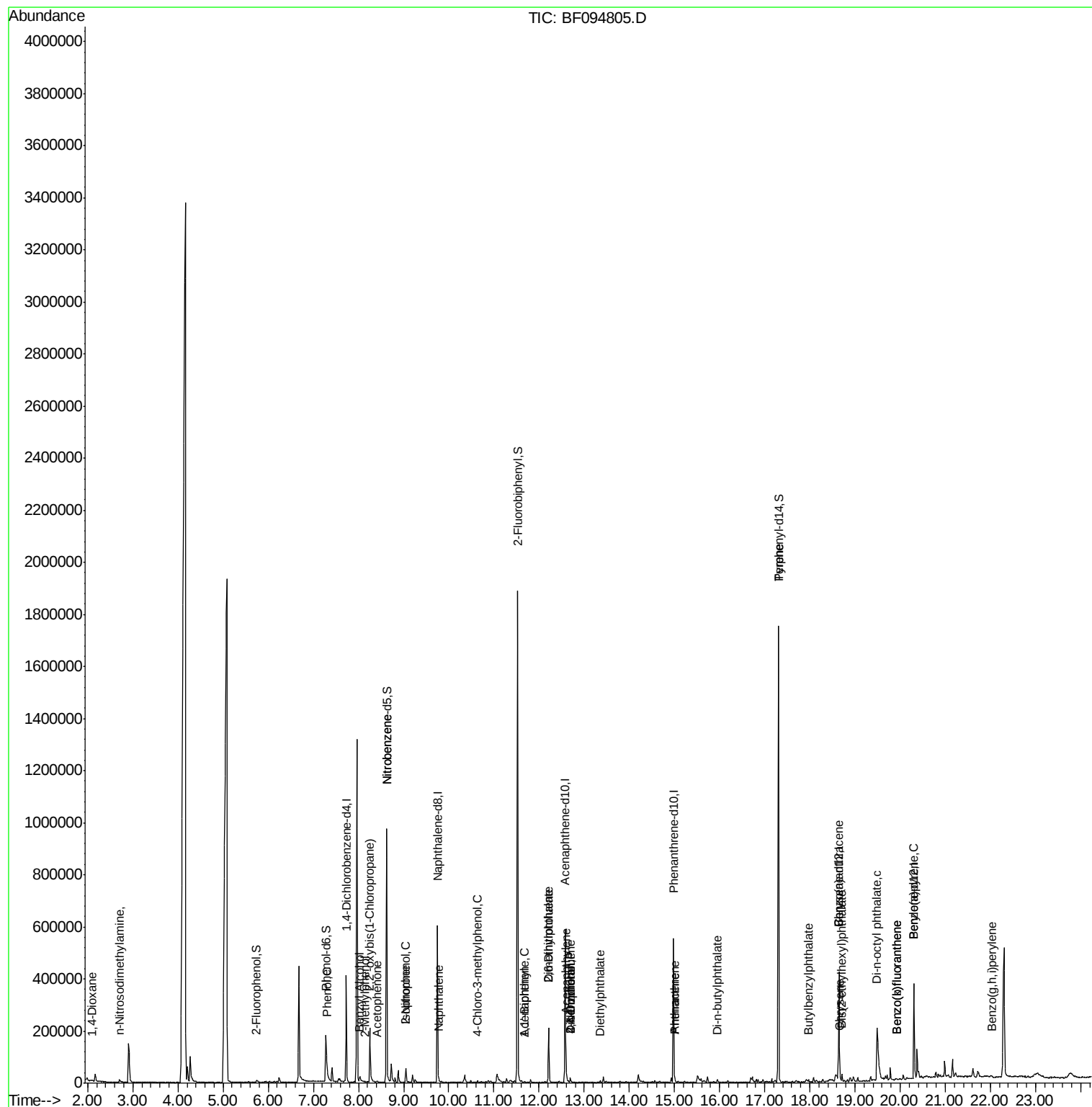
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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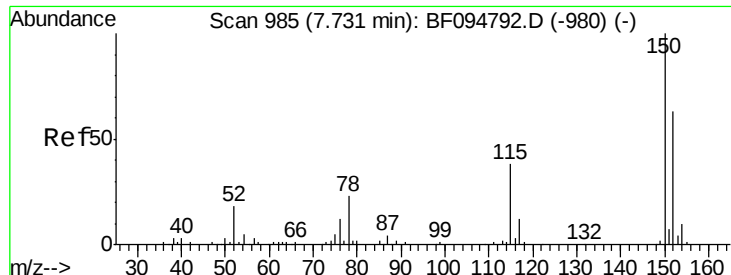
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.73 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF094805.D

Acq: 2 May 2017 21:28

Instrument :

BNA_F

ClientSampleId :

220-1W-CONCRETE-COMP

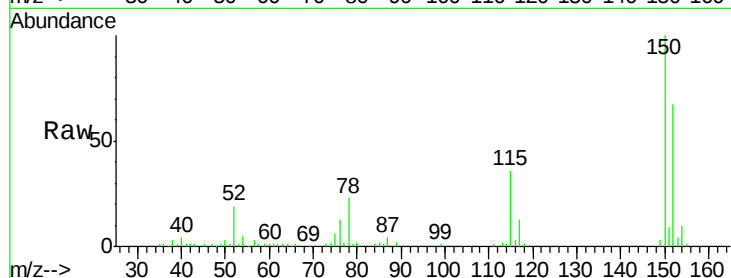
Tgt Ion:152 Resp: 85292

Ion Ratio Lower Upper

152 100

150 149.5 126.2 189.2

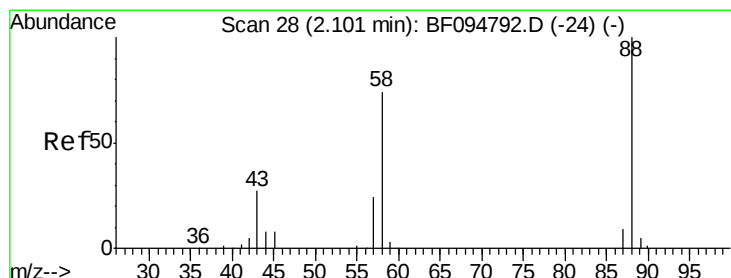
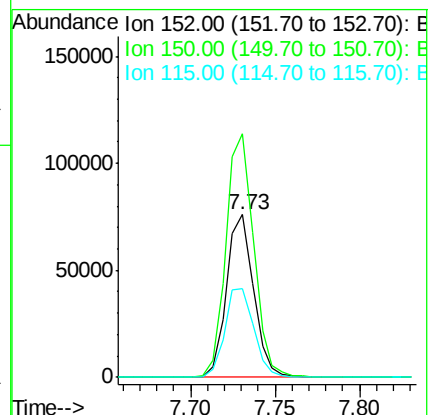
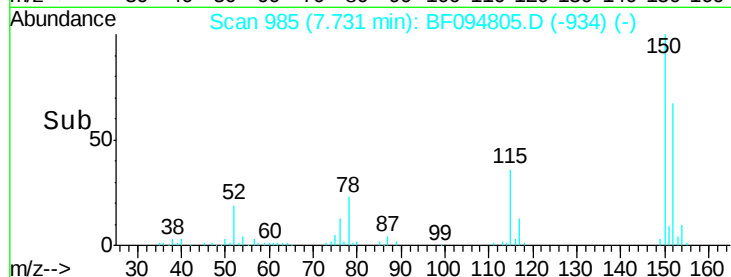
115 54.4 52.2 78.2



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: 0.049 ng

RT: 2.08 min Scan# 25

Delta R.T. -0.02 min

Lab File: BF094805.D

Acq: 2 May 2017 21:28

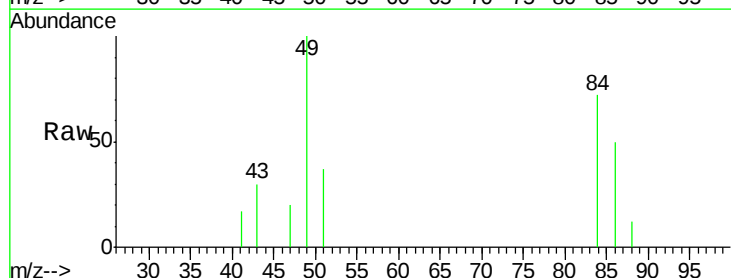
Tgt Ion: 88 Resp: 124

Ion Ratio Lower Upper

88 100

58 0.0 61.4 92.0#

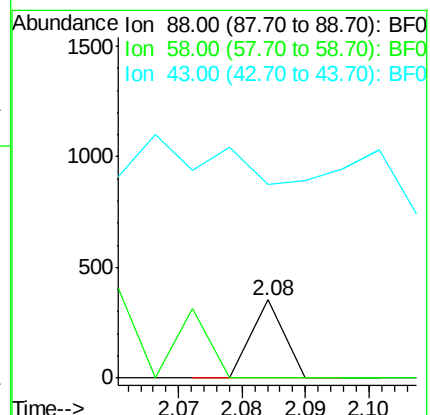
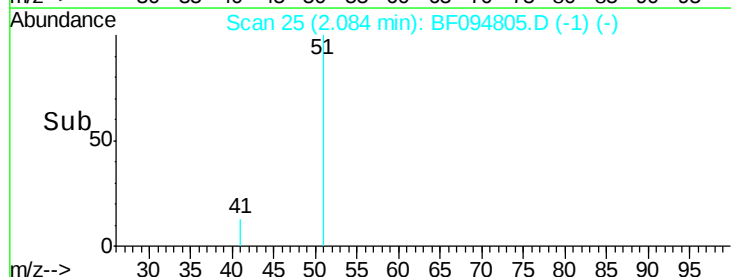
43 0.0 23.4 35.0#

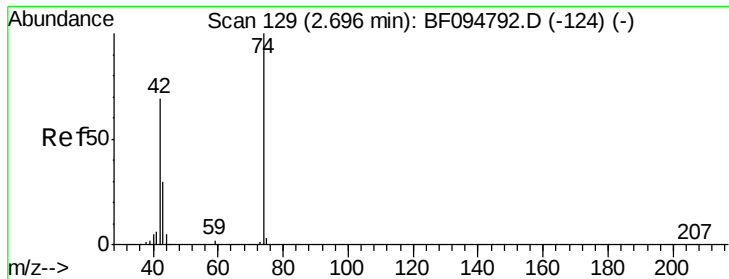


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0



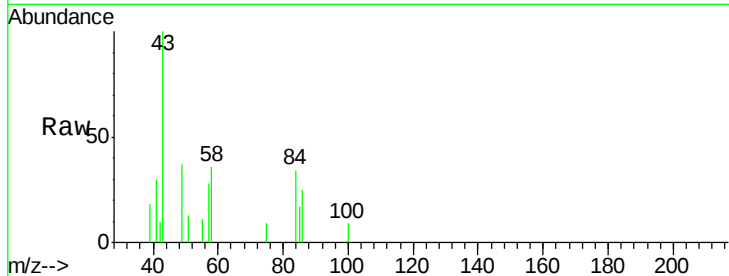


#4

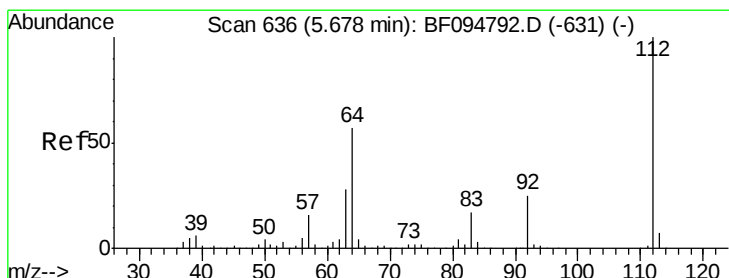
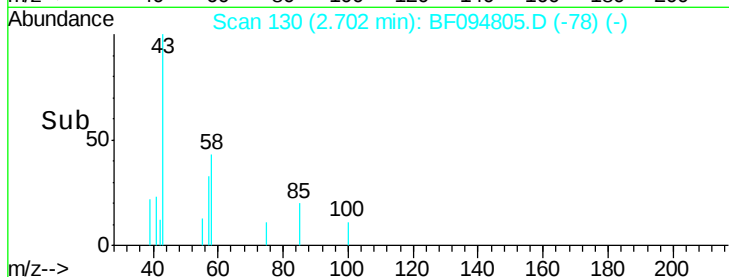
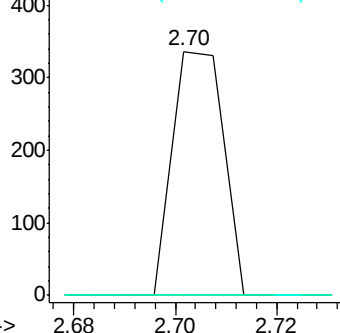
n-Nitrosodimethylamine
 Concen: 0.097 ng
 RT: 2.70 min Scan# 130
 Delta R.T. 0.01 min
 Lab File: BF094805.D
 Acq: 2 May 2017 21:28

Instrument :
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 220-1W-CONCRETE-COMP

Tgt Ion: 42 Resp: 235
 Ion Ratio Lower Upper
 42 100
 74 0.0 103.9 155.9#
 44 0.0 5.7 8.5#



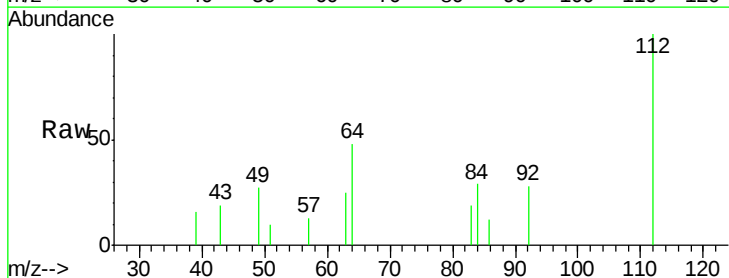
Abundance Ion 42.00 (41.70 to 42.70): BF0
 Ion 74.00 (73.70 to 74.70): BF0
 Ion 44.00 (43.70 to 44.70): BF0



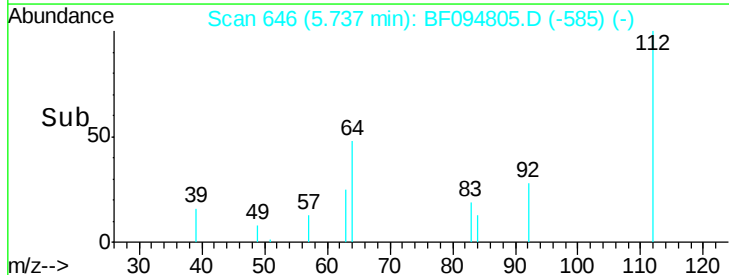
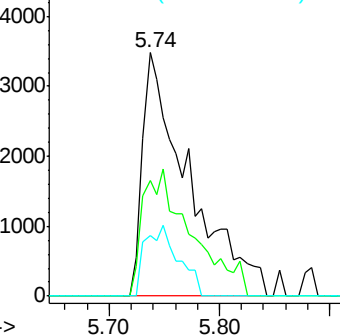
#5

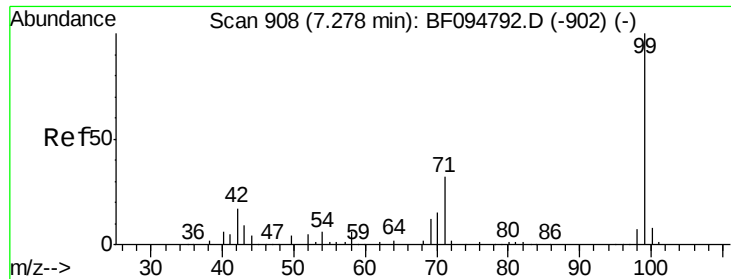
2-Fluorophenol
 Concen: 1.964 ng
 RT: 5.74 min Scan# 646
 Delta R.T. 0.06 min
 Lab File: BF094805.D
 Acq: 2 May 2017 21:28

Tgt Ion: 112 Resp: 10049
 Ion Ratio Lower Upper
 112 100
 64 47.7 46.0 69.0
 63 24.8 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 22.131 ng

RT: 7.28 min Scan# 908

Delta R.T. 0.00 min

Lab File: BF094805.D

Acq: 2 May 2017 21:28

Instrument :

BNA_F

ClientSampleId :

220-1W-CONCRETE-COMP

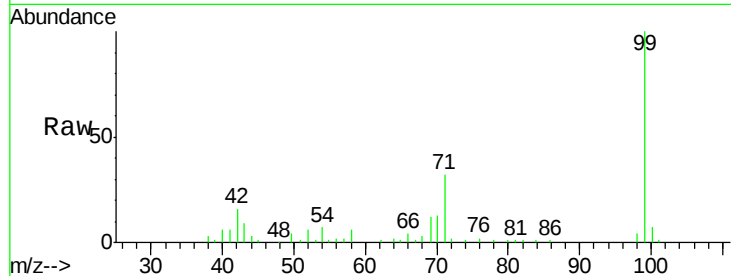
Tgt Ion: 99 Resp: 135848

Ion Ratio Lower Upper

99 100

42 16.0 13.5 20.3

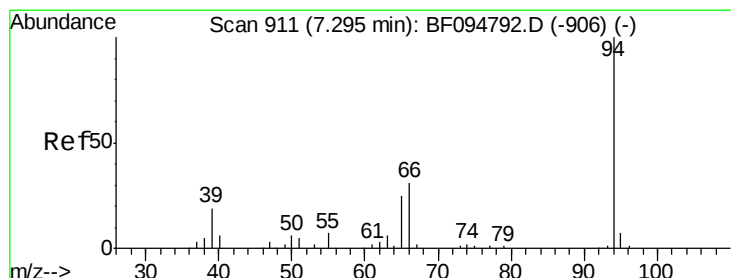
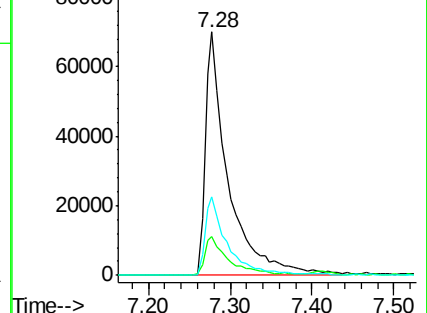
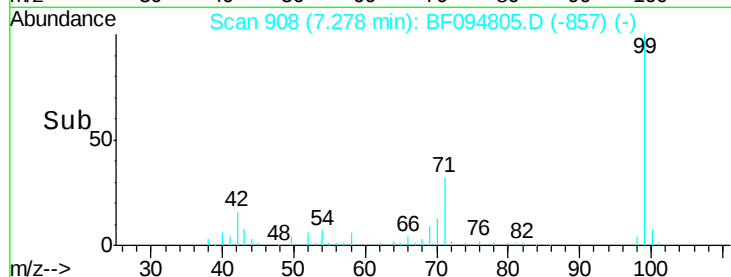
71 32.5 24.5 36.7



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



#10

Phenol

Concen: 0.356 ng

RT: 7.30 min Scan# 912

Delta R.T. 0.01 min

Lab File: BF094805.D

Acq: 2 May 2017 21:28

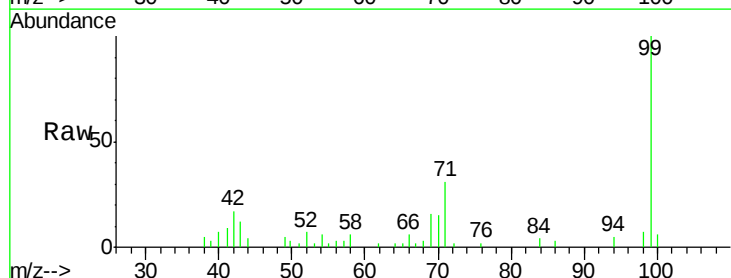
Tgt Ion: 94 Resp: 2304

Ion Ratio Lower Upper

94 100

65 38.7 9.9 49.9

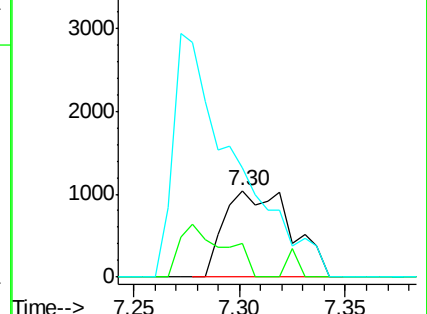
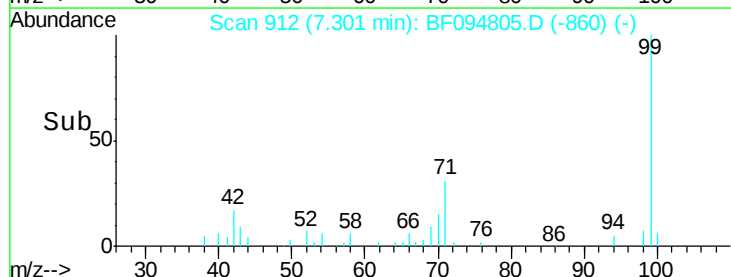
66 126.5 23.1 63.1#

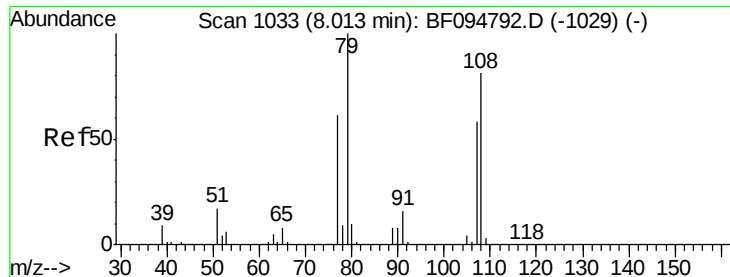


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#15

Benzyl Alcohol

Concen: 2.236 ng

RT: 8.02 min Scan# 1034

Delta R.T. 0.01 min

Lab File: BF094805.D

Acq: 2 May 2017 21:28

Instrument :

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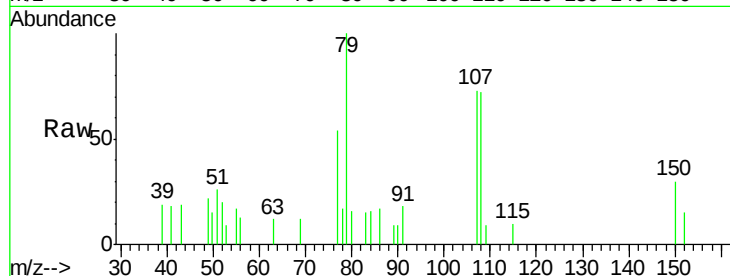
Tgt Ion: 79 Resp: 8826

Ion Ratio Lower Upper

79 100

108 72.0 63.4 95.0

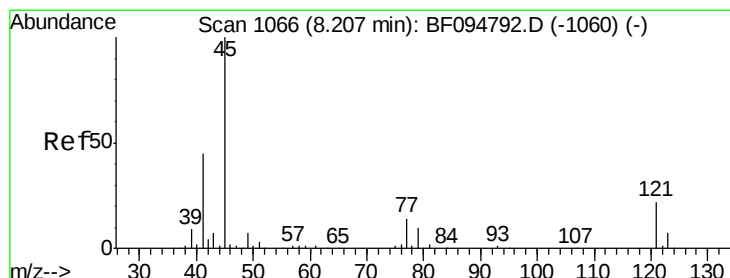
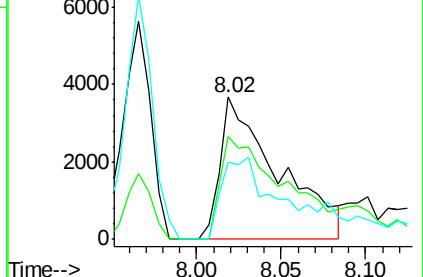
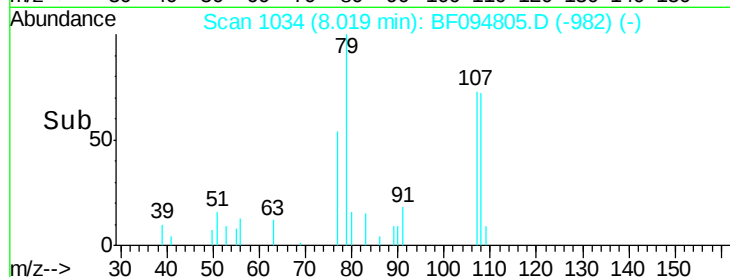
77 54.1 49.2 73.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.018 ng

RT: 8.24 min Scan# 1072

Delta R.T. 0.04 min

Lab File: BF094805.D

Acq: 2 May 2017 21:28

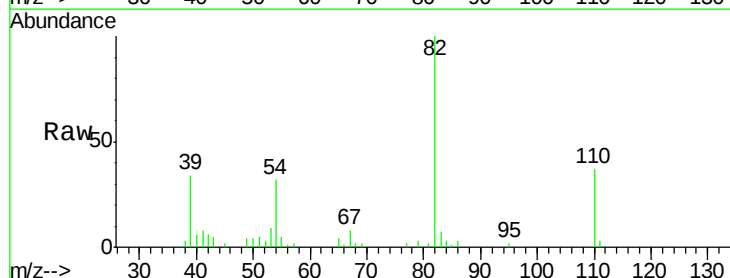
Tgt Ion: 45 Resp: 134

Ion Ratio Lower Upper

45 100

77 120.6 0.0 33.2#

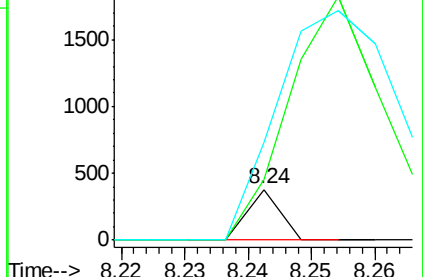
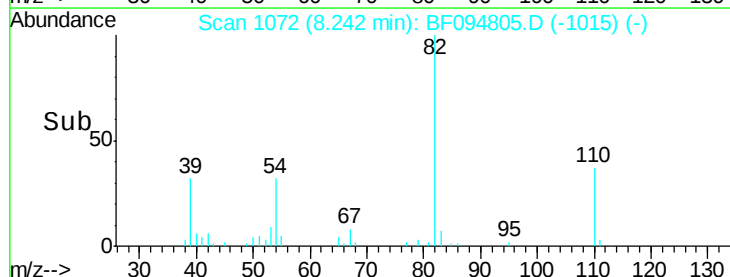
79 193.9 0.0 30.0#

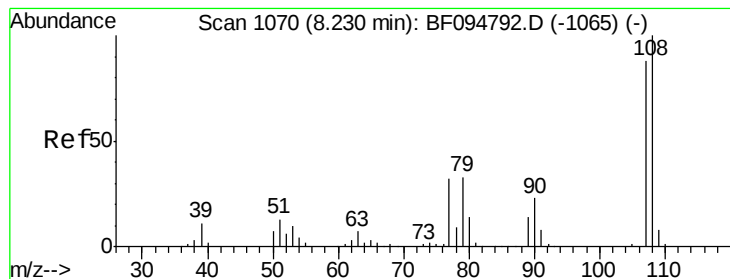


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 0.077 ng

RT: 8.15 min Scan# 1056

Delta R.T. -0.08 min

Lab File: BF094805.D

Acq: 2 May 2017 21:28

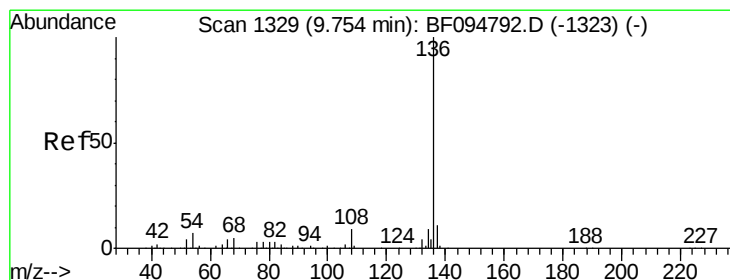
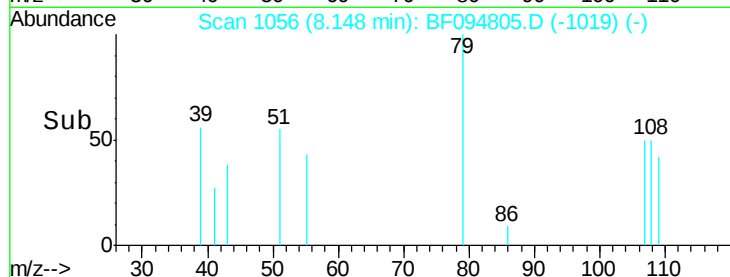
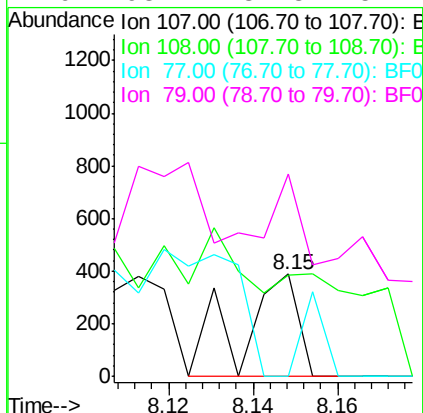
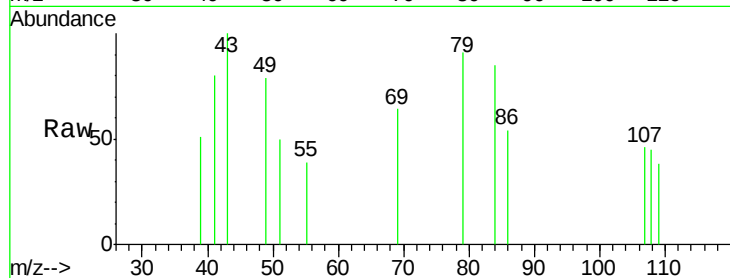
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Tgt Ion:	107	Resp:	366
Ion Ratio	Lower	Upper	
107	100		
108	99.7	93.4	140.0
77	0.0	35.8	53.6#
79	198.7	34.8	52.2#



#21

Naphthalene-d8

Concen: 20.000 ng

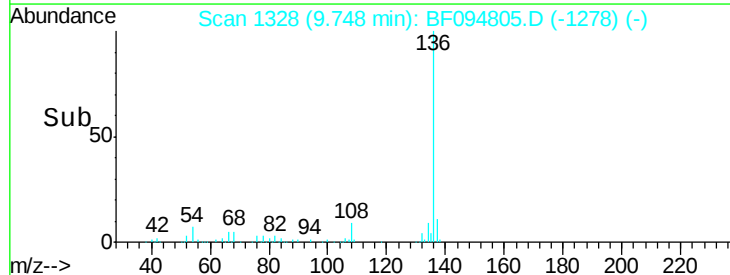
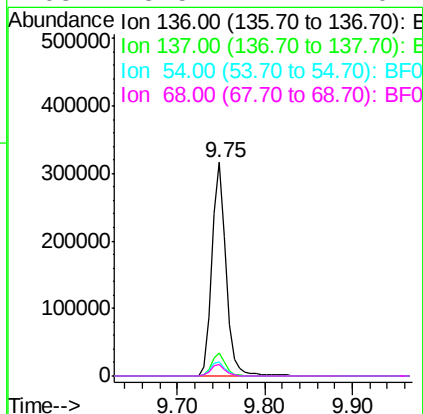
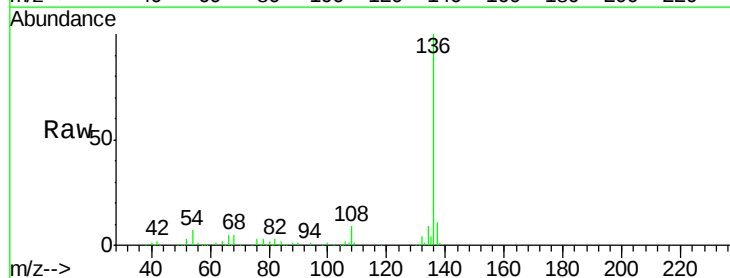
RT: 9.75 min Scan# 1328

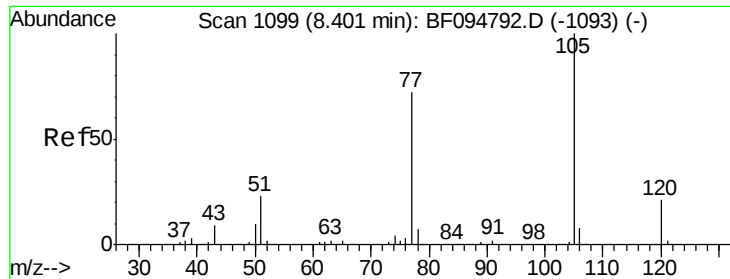
Delta R.T. -0.01 min

Lab File: BF094805.D

Acq: 2 May 2017 21:28

Tgt Ion:	136	Resp:	354866
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.5	12.7
54	6.6	4.9	7.3
68	5.5	4.1	6.1

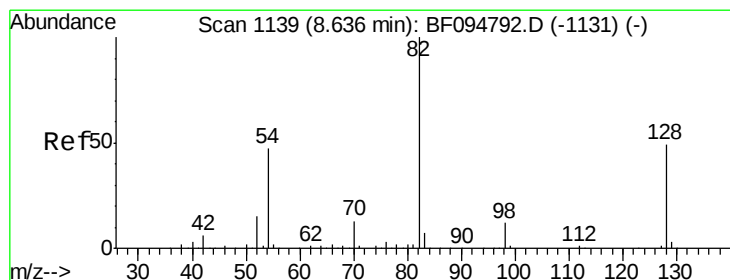
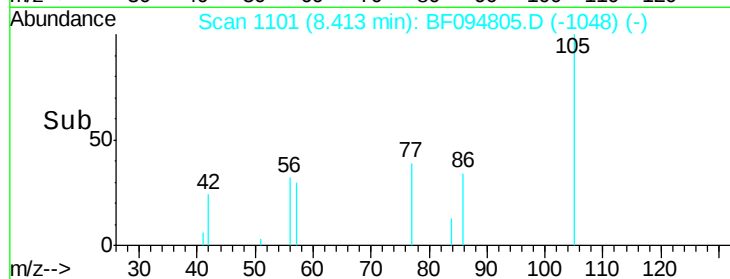
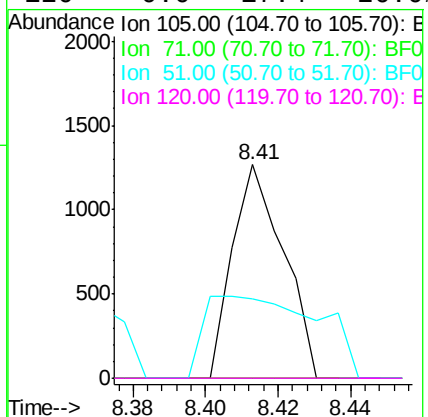
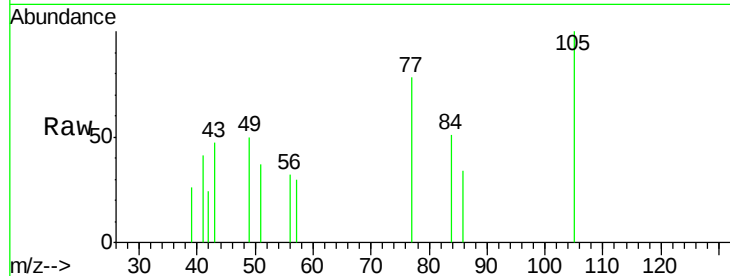




#22
Acetophenone
Concen: 0.146 ng
RT: 8.41 min Scan# 1101
Delta R.T. 0.01 min
Lab File: BF094805.D
Acq: 2 May 2017 21:28

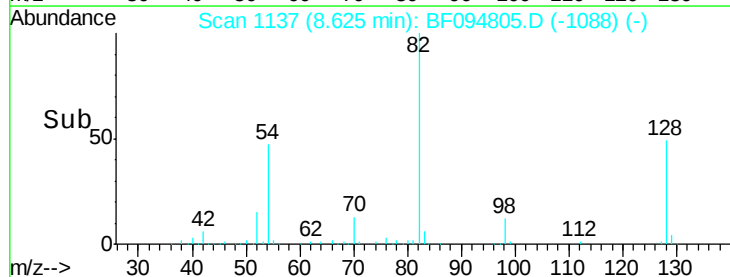
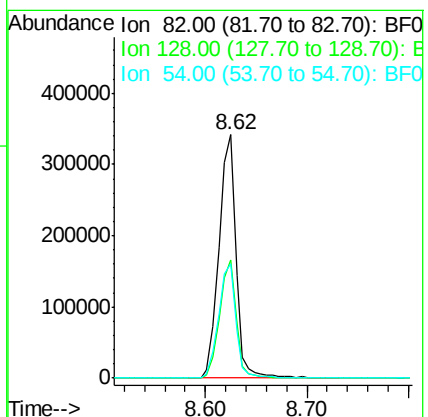
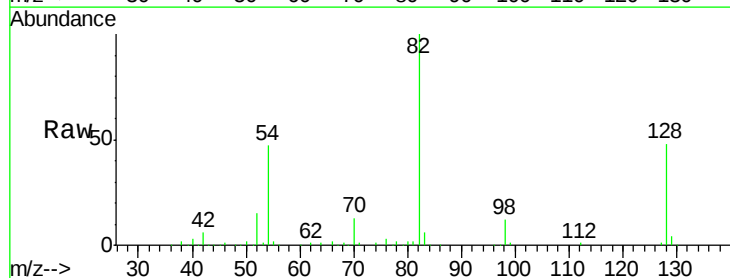
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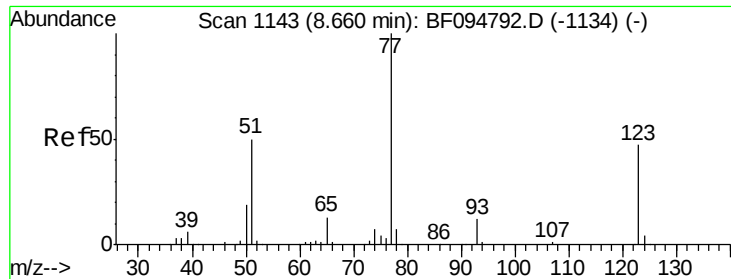
Tgt Ion:	105	Resp:	1242
Ion	Ratio	Lower	Upper
105	100		
71	0.0	2.8	4.2#
51	37.1	30.7	46.1
120	0.0	17.4	26.0#



#23
Nitrobenzene-d5
Concen: 71.360 ng
RT: 8.62 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF094805.D
Acq: 2 May 2017 21:28

Tgt Ion:	82	Resp:	401584
Ion	Ratio	Lower	Upper
82	100		
128	48.5	34.0	51.0
54	47.0	42.2	63.2





#24

Nitrobenzene

Concen: 0.188 ng

RT: 8.62 min Scan# 1136

Delta R.T. -0.04 min

Lab File: BF094805.D

Acq: 2 May 2017 21:28

Instrument :

BNA_F

ClientSampleId :

220-1W-CONCRETE-COMP

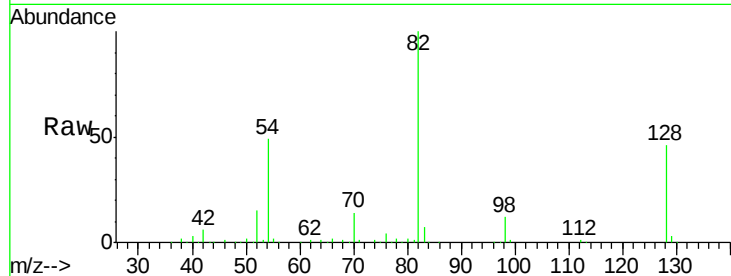
Tgt Ion: 77 Resp: 1106

Ion Ratio Lower Upper

77 100

123 0.0 35.8 53.8#

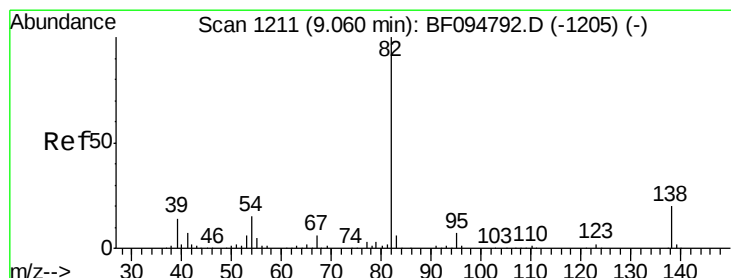
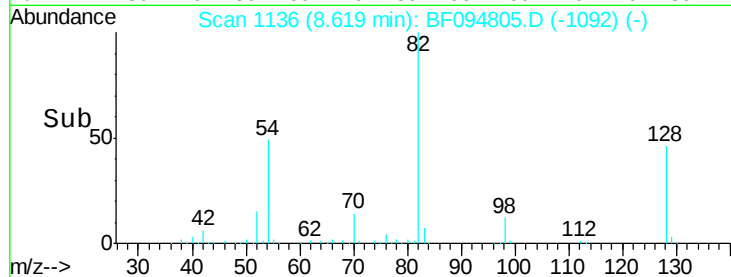
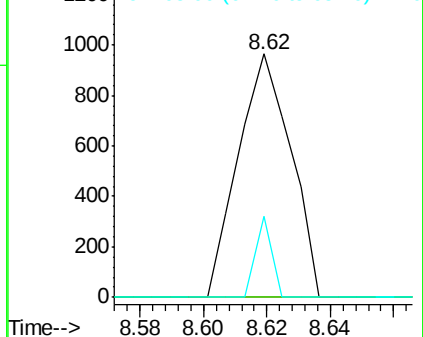
65 33.1 10.6 15.8#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 3.488 ng

RT: 9.05 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF094805.D

Acq: 2 May 2017 21:28

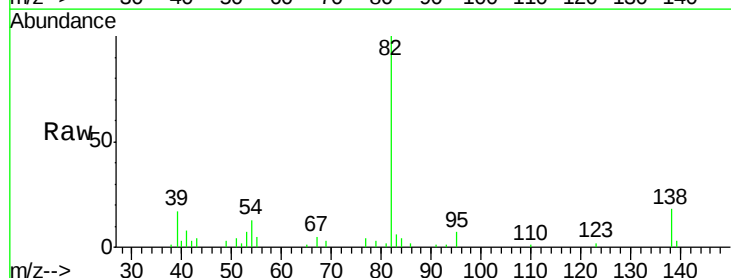
Tgt Ion: 82 Resp: 35045

Ion Ratio Lower Upper

82 100

95 6.6 5.3 7.9

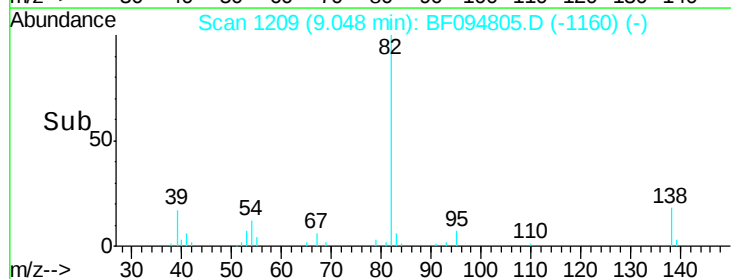
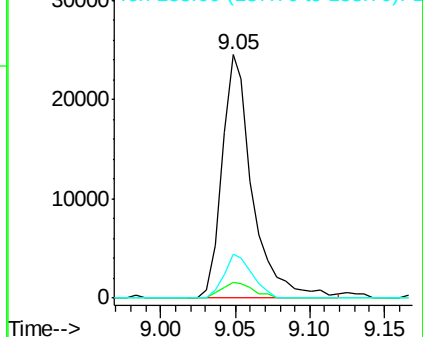
138 18.2 13.1 19.7

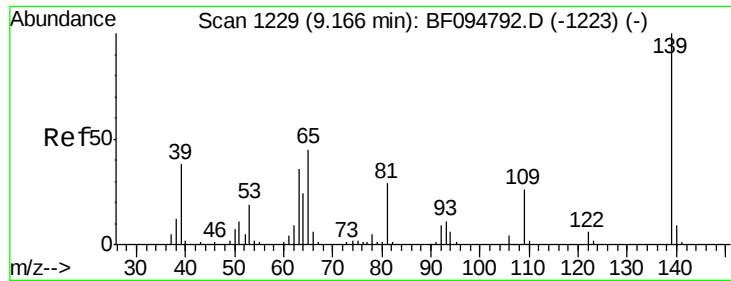


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

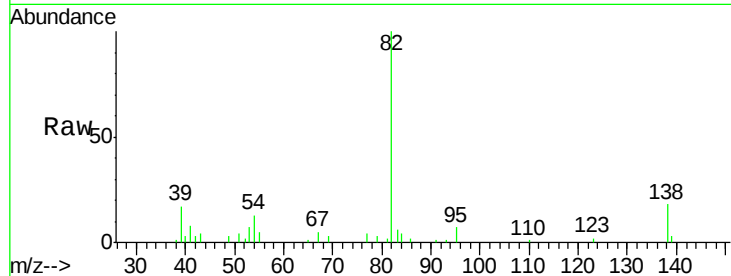




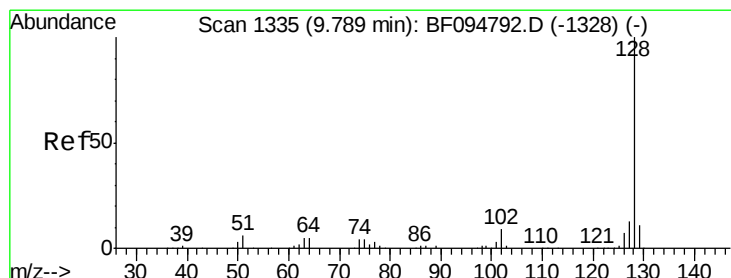
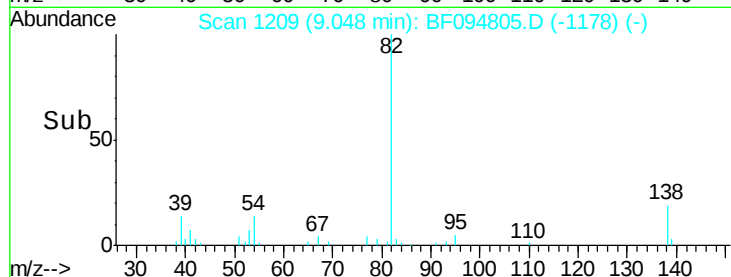
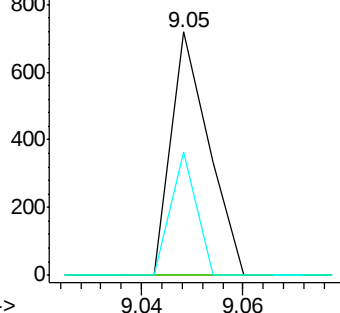
#26
2-Nitrophenol
Concen: 0.117 ng
RT: 9.05 min Scan# 1209
Delta R.T. -0.12 min
Lab File: BF094805.D
Acq: 2 May 2017 21:28

Instrument :
BNA_F
ClientSampleId :
220-1W-CONCRETE-COMP

Tgt Ion:139 Resp: 371
Ion Ratio Lower Upper
139 100
109 0.0 21.0 31.6#
65 50.8 33.0 49.6#

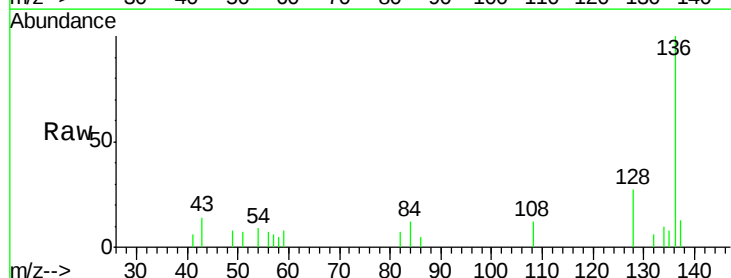


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

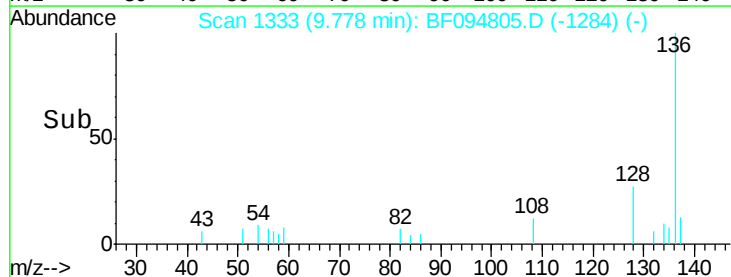
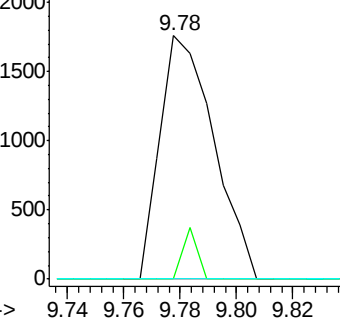


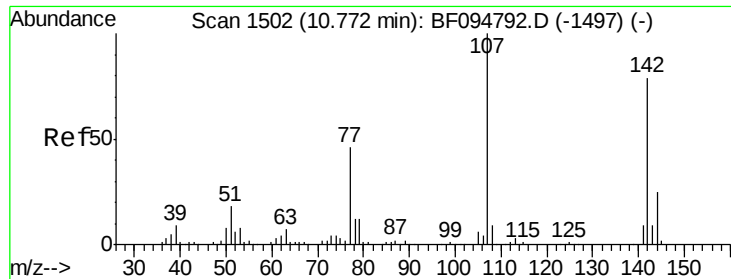
#31
Naphthalene
Concen: 0.131 ng
RT: 9.78 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF094805.D
Acq: 2 May 2017 21:28

Tgt Ion:128 Resp: 2333
Ion Ratio Lower Upper
128 100
129 0.0 9.0 13.6#
127 0.0 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

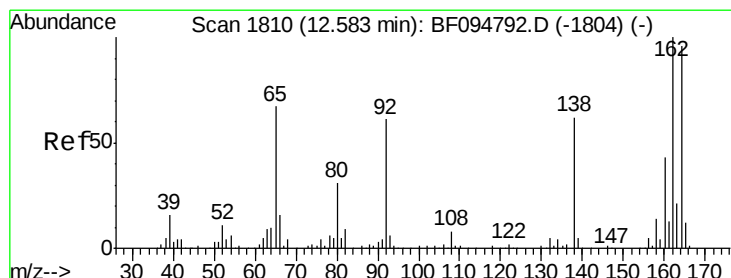
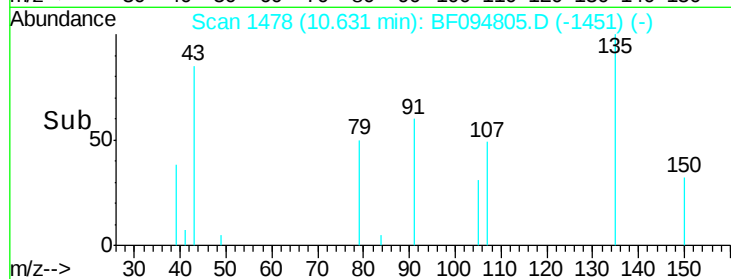
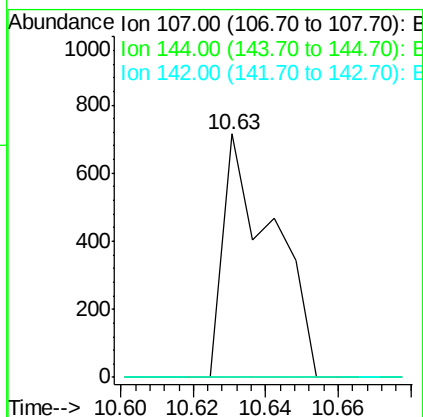
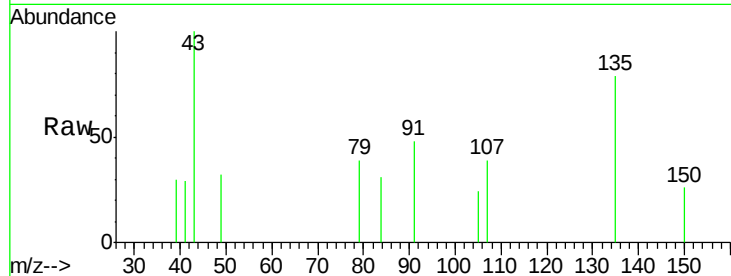




#36
 4-Chloro-3-methylphenol
 Concen: 0.131 ng
 RT: 10.63 min Scan# 1478
 Delta R.T. -0.14 min
 Lab File: BF094805.D
 Acq: 2 May 2017 21:28

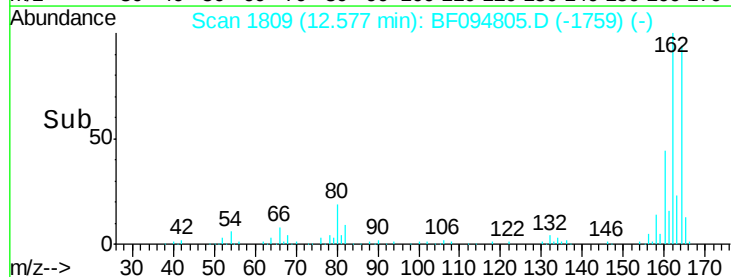
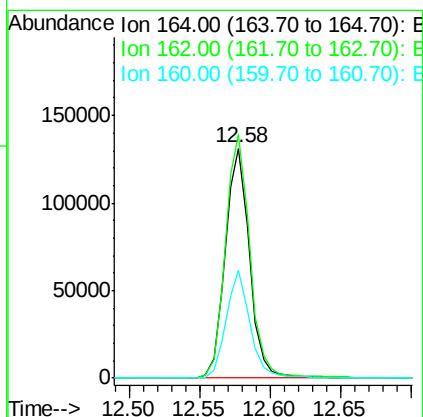
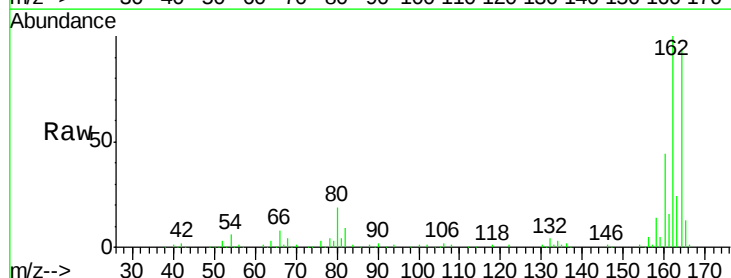
Instrument :
 BNA_F
 ClientSampleId :
 220-1W-CONCRETE-COMP

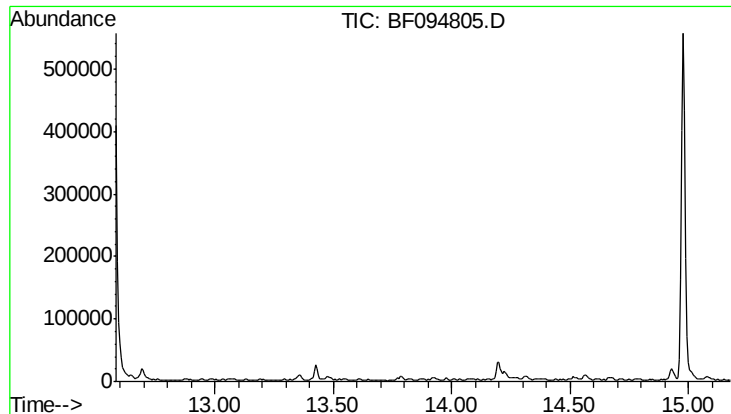
Tgt Ion: 107 Resp: 680
 Ion Ratio Lower Upper
 107 100
 144 0.0 24.2 36.4#
 142 0.0 73.4 110.0#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 12.58 min Scan# 1809
 Delta R.T. -0.01 min
 Lab File: BF094805.D
 Acq: 2 May 2017 21:28

Tgt Ion: 164 Resp: 156896
 Ion Ratio Lower Upper
 164 100
 162 105.8 82.6 123.8
 160 46.9 36.2 54.2

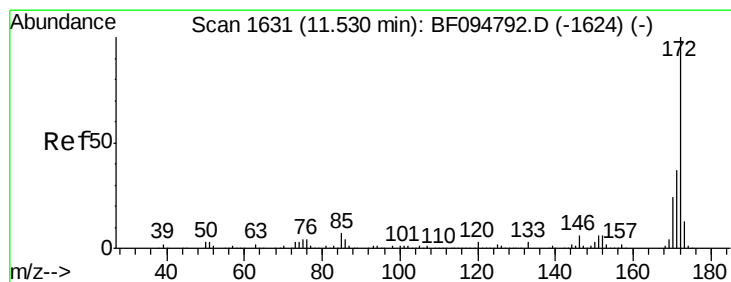
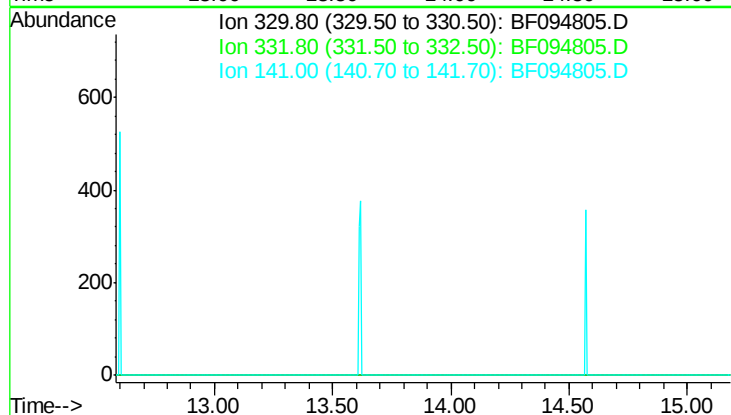




#41
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 13.88 min
 Lab File: BF094805.D
 Acq: 2 May 2017 21:28

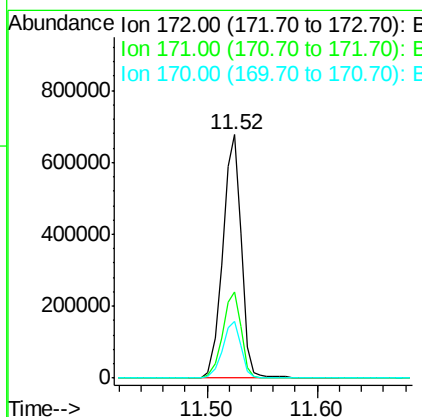
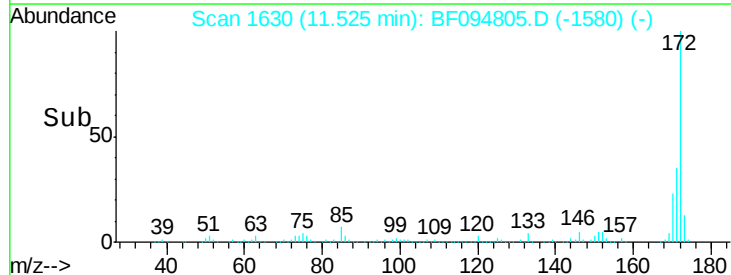
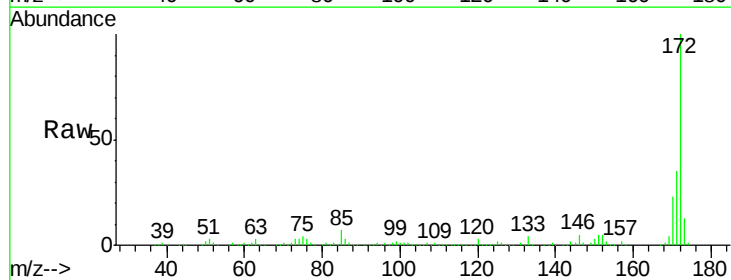
Instrument :
 BNA_F
 ClientSampleId :
 220-1W-CONCRETE-COMP

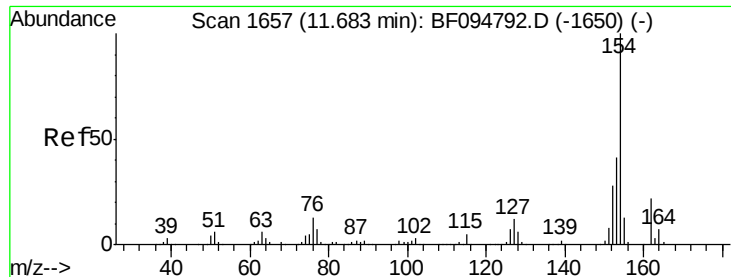
Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 95.8
 141 39.3



#44
 2-Fluorobiphenyl
 Concen: 72.846 ng
 RT: 11.52 min Scan# 1630
 Delta R.T. -0.01 min
 Lab File: BF094805.D
 Acq: 2 May 2017 21:28

Tgt Ion: 172 Resp: 794057
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.6 44.4
 170 23.4 19.8 29.8

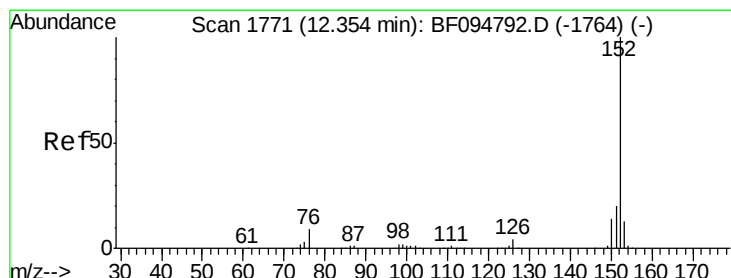
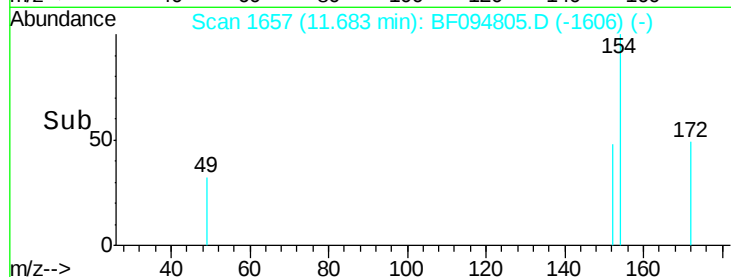
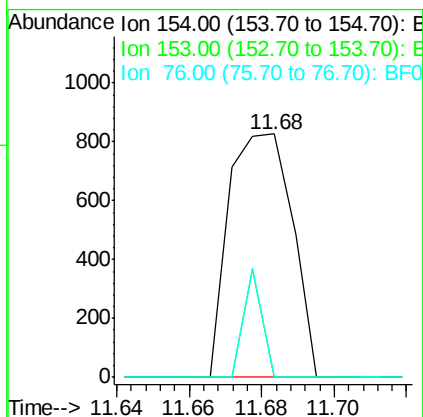
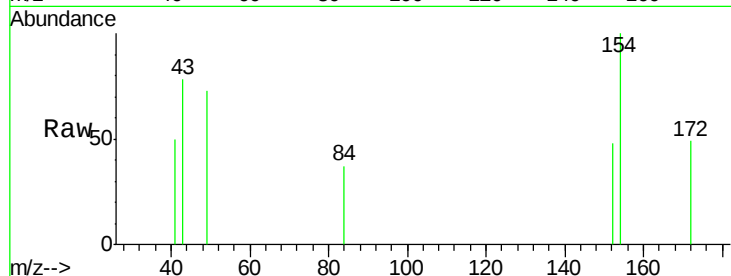




#45
 1,1'-Biphenyl
 Concen: 0.076 ng
 RT: 11.68 min Scan# 1657
 Delta R.T. 0.00 min
 Lab File: BF094805.D
 Acq: 2 May 2017 21:28

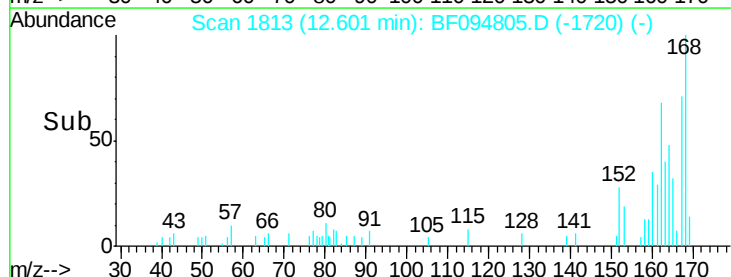
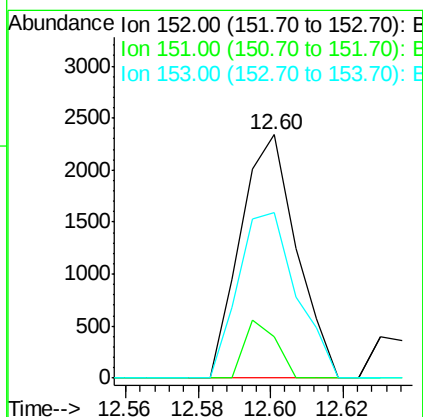
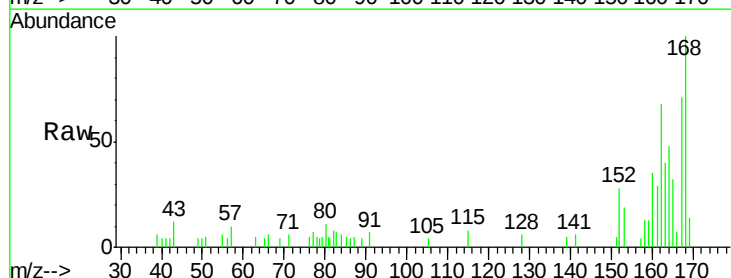
Instrument :
 BNA_F
 ClientSampleId :
 220-1W-CONCRETE-COMP

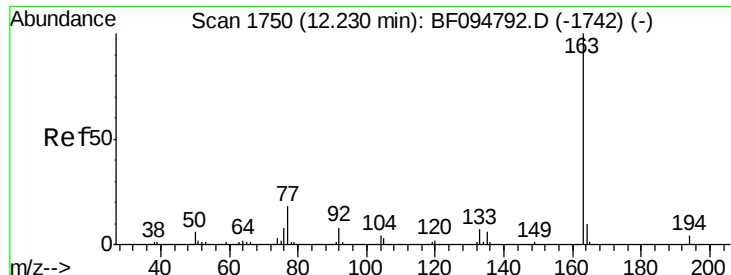
Tgt Ion:154 Resp: 1004
 Ion Ratio Lower Upper
 154 100
 153 0.0 21.2 61.2#
 76 0.0 0.0 29.9



#48
 Acenaphthylene
 Concen: 0.150 ng
 RT: 12.60 min Scan# 1813
 Delta R.T. 0.25 min
 Lab File: BF094805.D
 Acq: 2 May 2017 21:28

Tgt Ion:152 Resp: 2513
 Ion Ratio Lower Upper
 152 100
 151 16.7 16.8 25.2#
 153 68.0 10.8 16.2#





#49

Dimethylphthalate

Concen: 9.746 ng

RT: 12.21 min Scan# 1747

Delta R.T. -0.02 min

Lab File: BF094805.D

Acq: 2 May 2017 21:28

Instrument :

BNA_F

ClientSampleId :

220-1W-CONCRETE-COMP

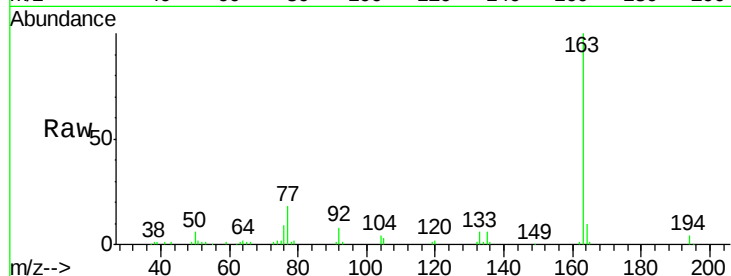
Tgt Ion:163 Resp: 125535

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

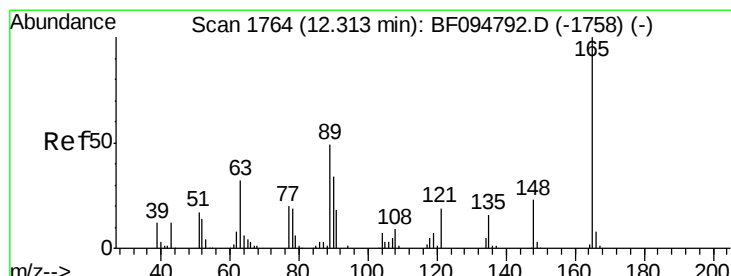
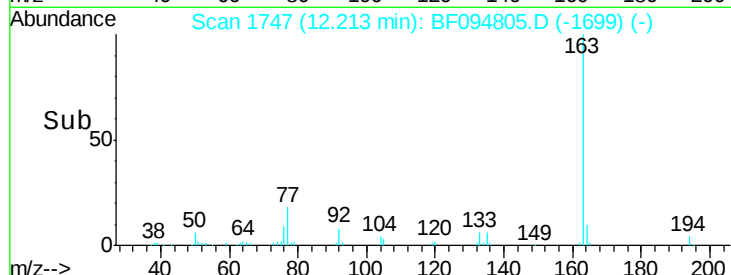
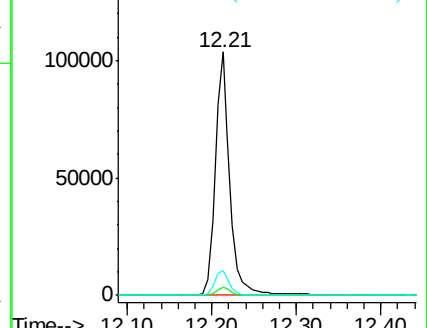
164 10.2 8.4 12.6



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: 0.512 ng

RT: 12.21 min Scan# 1747

Delta R.T. -0.10 min

Lab File: BF094805.D

Acq: 2 May 2017 21:28

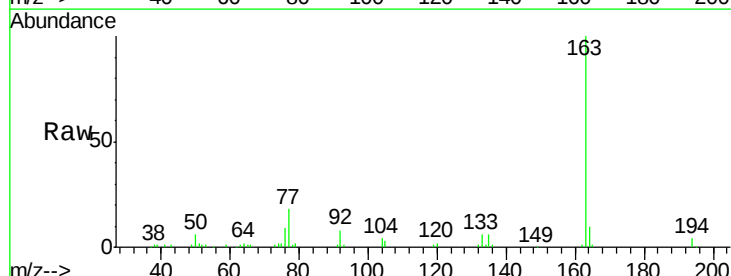
Tgt Ion:165 Resp: 1346

Ion Ratio Lower Upper

165 100

63 117.7 34.3 51.5#

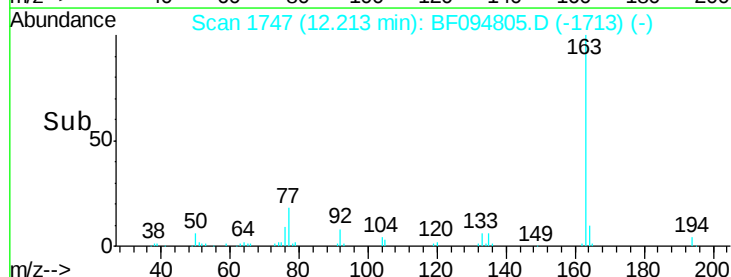
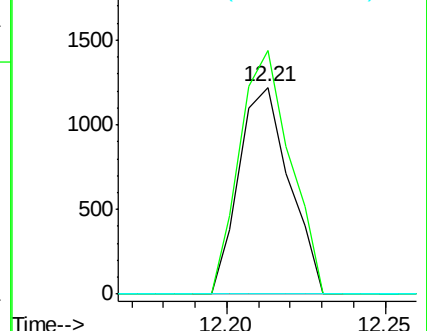
89 0.0 37.1 55.7#

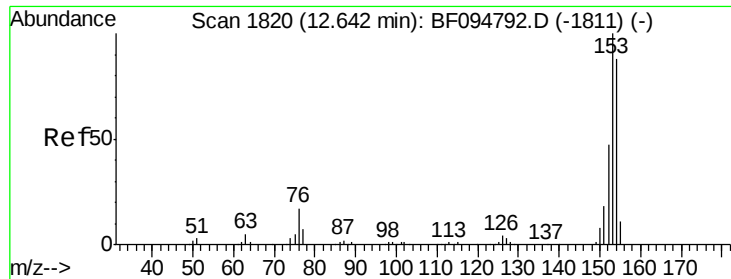


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 0.076 ng

RT: 11.68 min Scan# 1657

Delta R.T. 0.00 min

Lab File: BF094805.D

Acq: 2 May 2017 21:28

Instrument :

BNA_F

ClientSampleId :

220-1W-CONCRETE-COMP

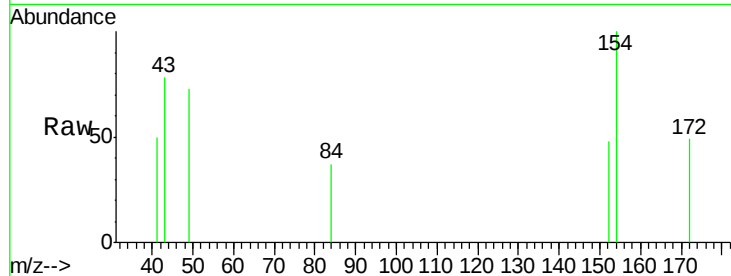
Tgt Ion:154 Resp: 1004

Ion Ratio Lower Upper

154 100

153 0.0 90.5 135.7#

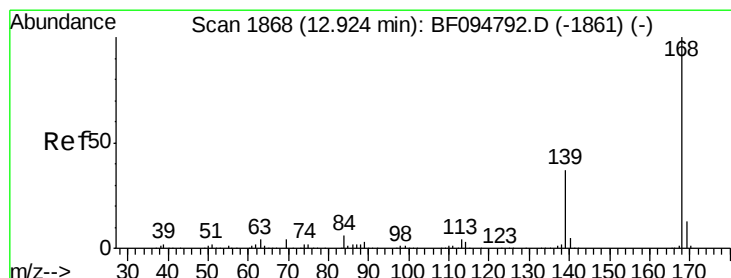
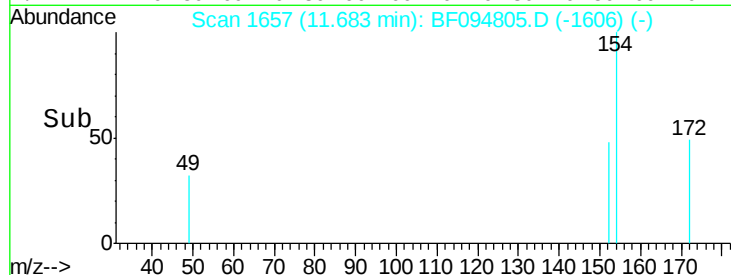
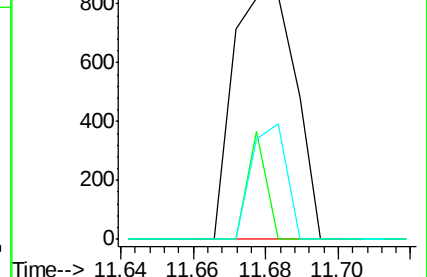
152 47.6 43.6 65.4



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



#54

Dibenzofuran

Concen: 0.399 ng

RT: 12.69 min Scan# 1828

Delta R.T. -0.24 min

Lab File: BF094805.D

Acq: 2 May 2017 21:28

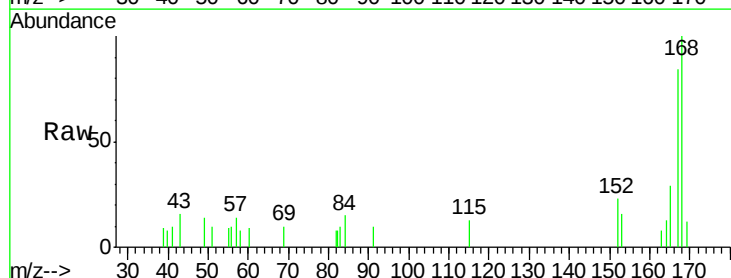
Tgt Ion:168 Resp: 5510

Ion Ratio Lower Upper

168 100

139 0.0 30.6 45.8#

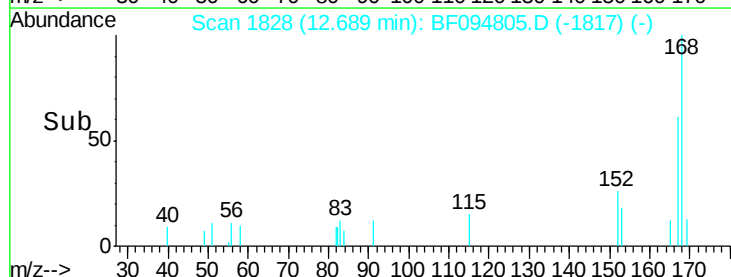
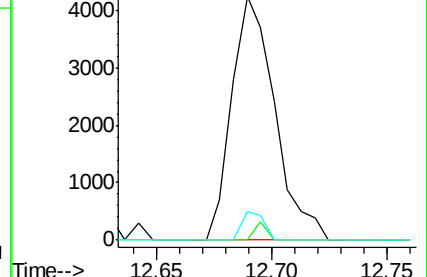
169 11.5 10.8 16.2

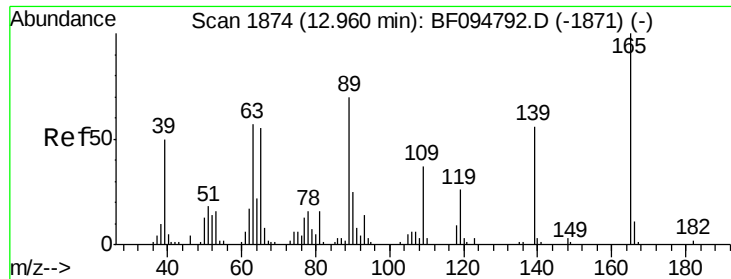


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

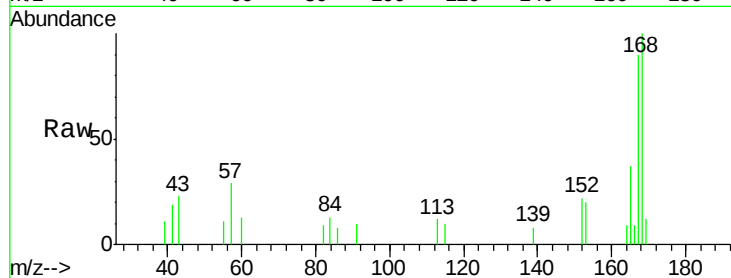




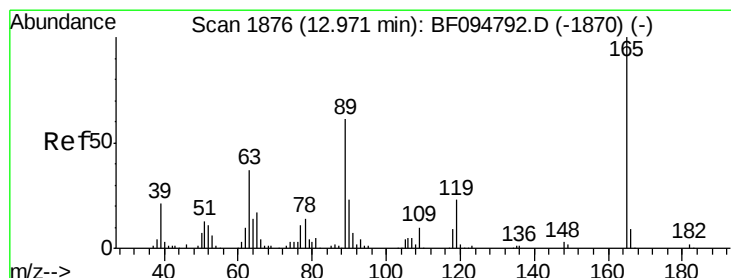
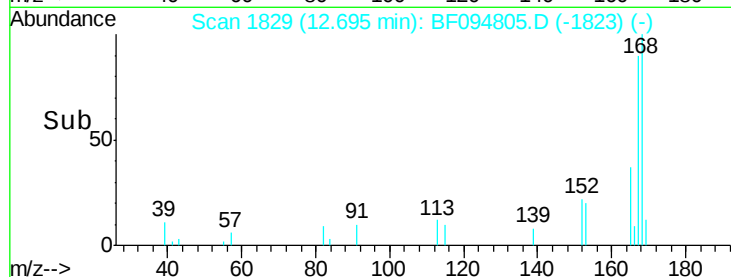
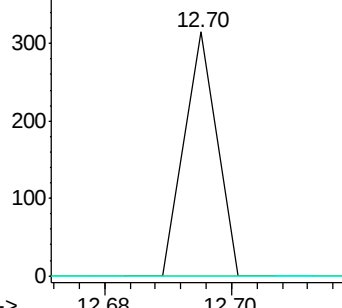
#55
4-Nitrophenol
Concen: 0.066 ng
RT: 12.70 min Scan# 1829
Delta R.T. -0.26 min
Lab File: BF094805.D
Acq: 2 May 2017 21:28

Instrument :
BNA_F
ClientSampleId :
220-1W-CONCRETE-COMP

Tgt Ion:139 Resp: 111
Ion Ratio Lower Upper
139 100
109 0.0 34.1 74.1#
65 0.0 31.4 71.4#

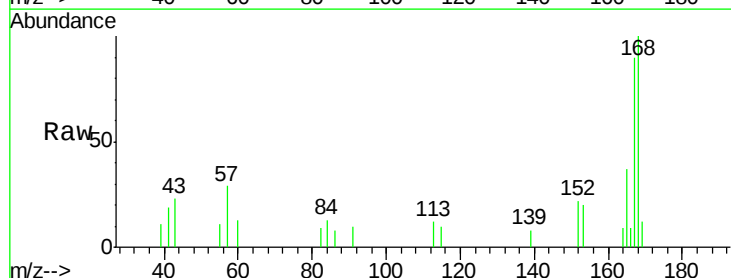


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

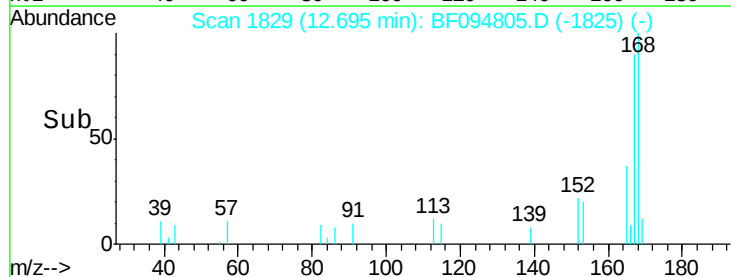
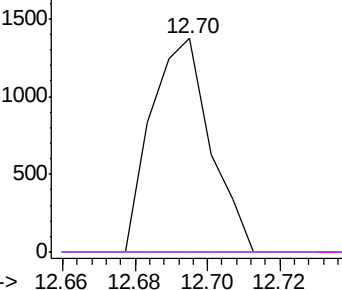


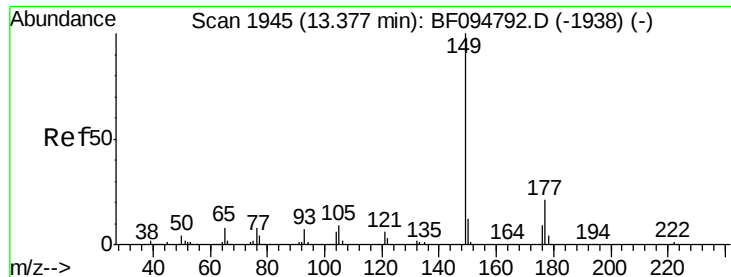
#56
2,4-Dinitrotoluene
Concen: 0.461 ng
RT: 12.70 min Scan# 1829
Delta R.T. -0.28 min
Lab File: BF094805.D
Acq: 2 May 2017 21:28

Tgt Ion:165 Resp: 1556
Ion Ratio Lower Upper
165 100
63 0.0 25.4 38.0#
89 0.0 46.4 69.6#
182 0.0 1.8 2.6#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

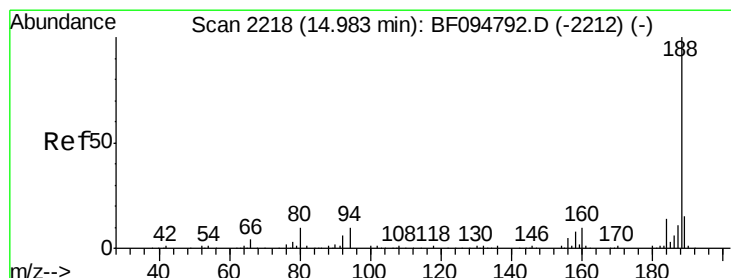
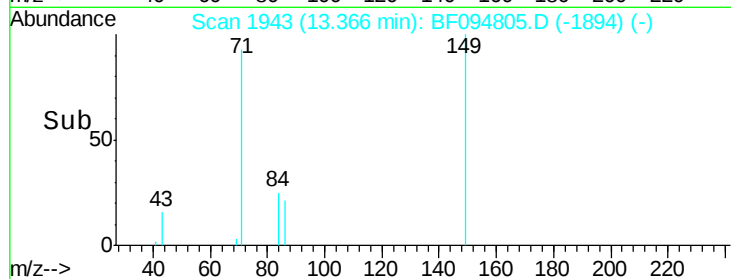
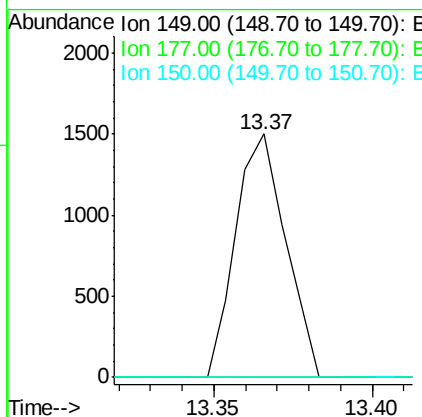
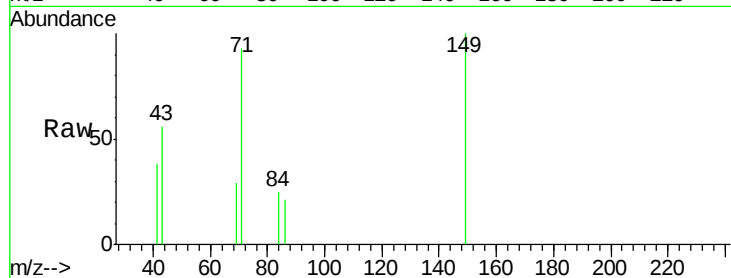




#59
Diethylphthalate
Concen: 0.133 ng
RT: 13.37 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BF094805.D
Acq: 2 May 2017 21:28

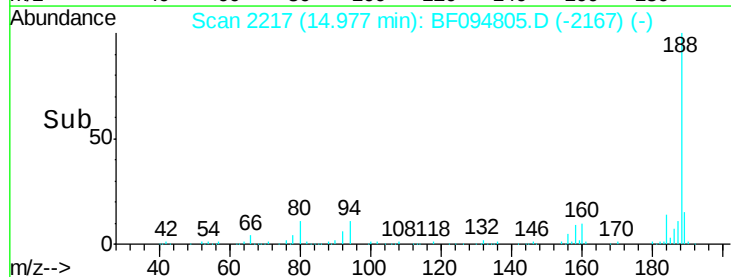
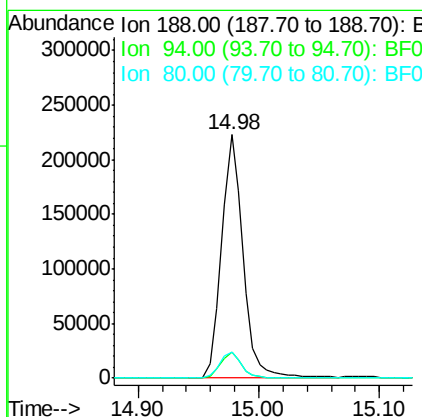
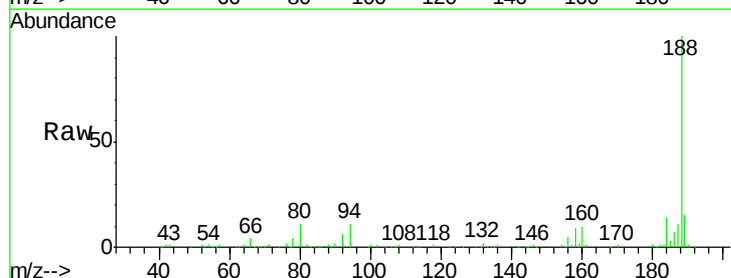
Instrument :
BNA_F
ClientSampleId :
220-1W-CONCRETE-COMP

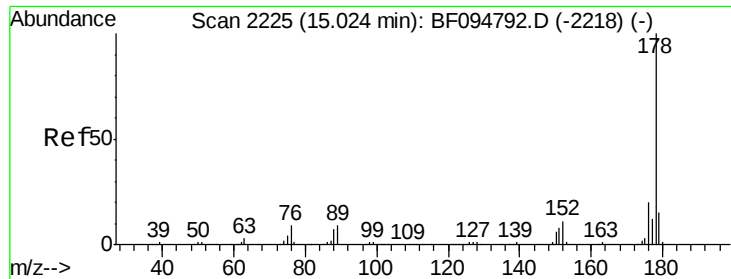
Tgt Ion:149 Resp: 1639
Ion Ratio Lower Upper
149 100
177 0.0 16.7 25.1#
150 0.0 10.2 15.2#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 14.98 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF094805.D
Acq: 2 May 2017 21:28

Tgt Ion:188 Resp: 274645
Ion Ratio Lower Upper
188 100
94 10.6 9.4 14.2
80 10.5 10.2 15.2





#70

Phenanthrene

Concen: 0.026 ng

RT: 15.01 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BF094805.D

Acq: 2 May 2017 21:28

Instrument :

BNA_F

ClientSampleId :

220-1W-CONCRETE-COMP

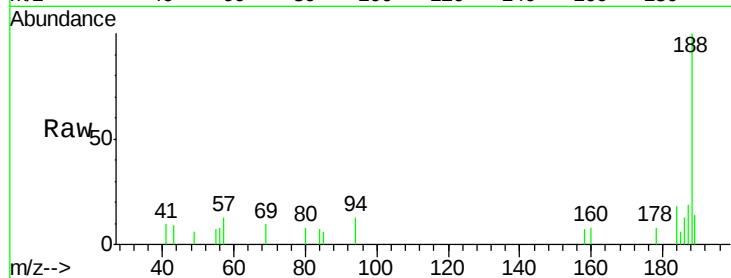
Tgt Ion:178 Resp: 403

Ion Ratio Lower Upper

178 100

176 0.0 16.2 24.4#

179 0.0 12.6 19.0#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

15.01

400

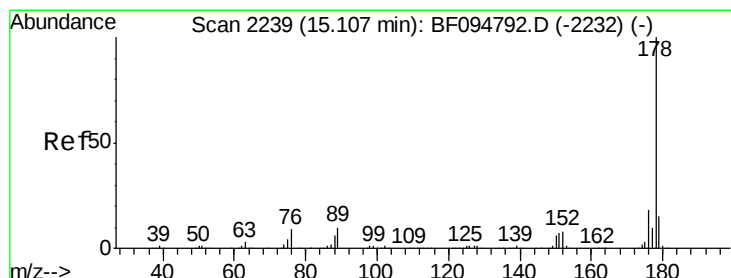
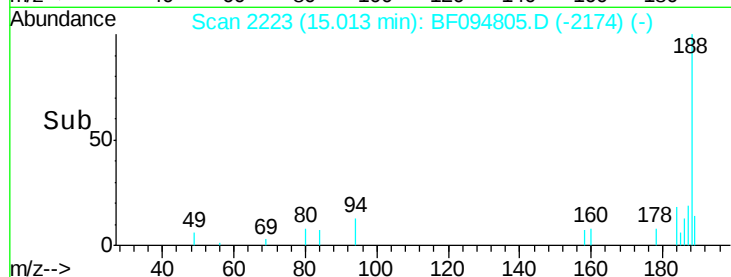
300

200

100

0

Time--> 14.98 15.00 15.02 15.04



#71

Anthracene

Concen: 0.025 ng

RT: 15.01 min Scan# 2223

Delta R.T. -0.09 min

Lab File: BF094805.D

Acq: 2 May 2017 21:28

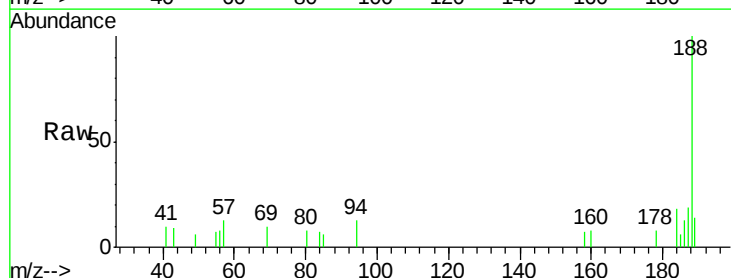
Tgt Ion:178 Resp: 403

Ion Ratio Lower Upper

178 100

176 0.0 15.8 23.8#

179 0.0 12.7 19.1#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

15.01

400

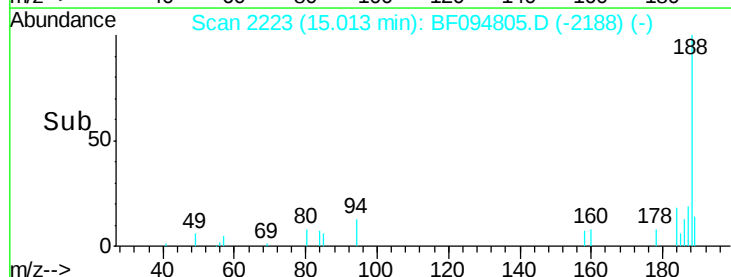
300

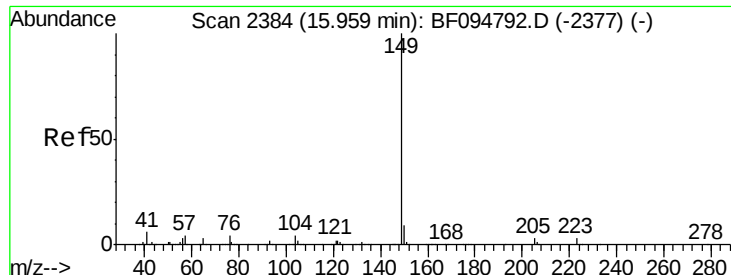
200

100

0

Time--> 14.98 15.00 15.02 15.04

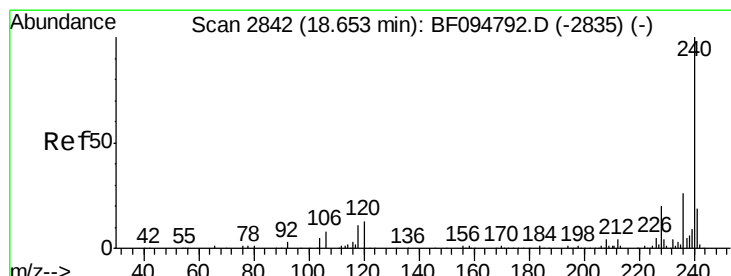
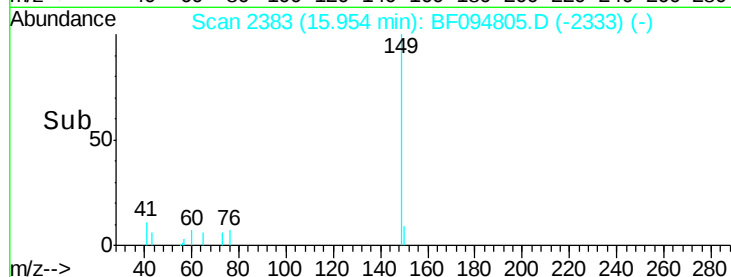
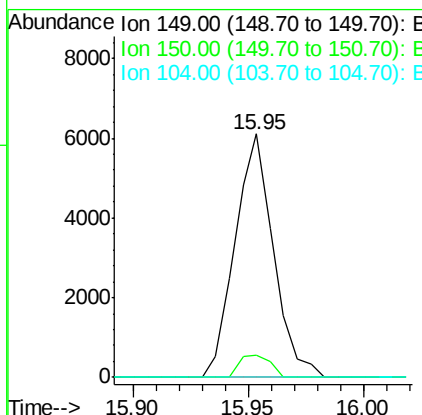
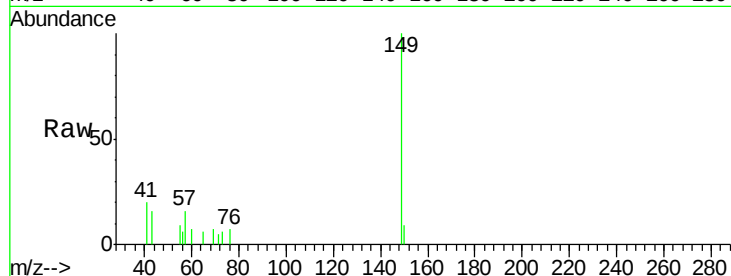




#73
Di-n-butylphthalate
Concen: 0.386 ng
RT: 15.95 min Scan# 2383
Delta R.T. -0.01 min
Lab File: BF094805.D
Acq: 2 May 2017 21:28

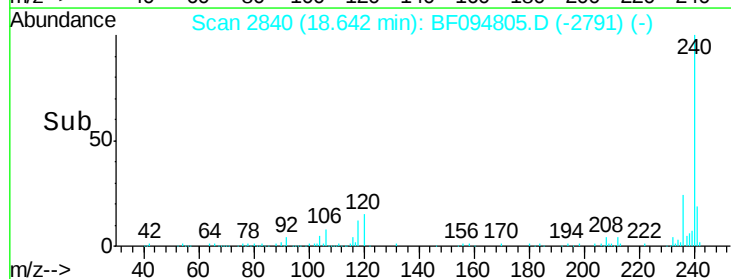
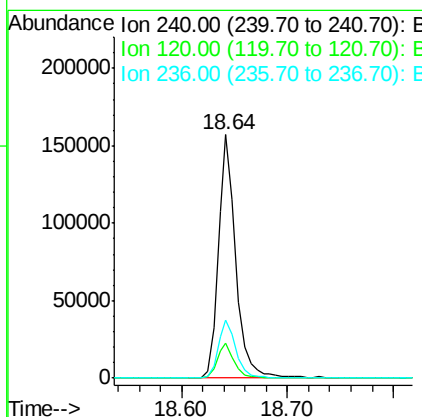
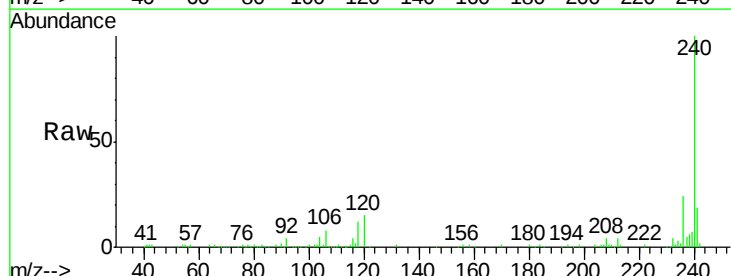
Instrument :
BNA_F
ClientSampleId :
220-1W-CONCRETE-COMP

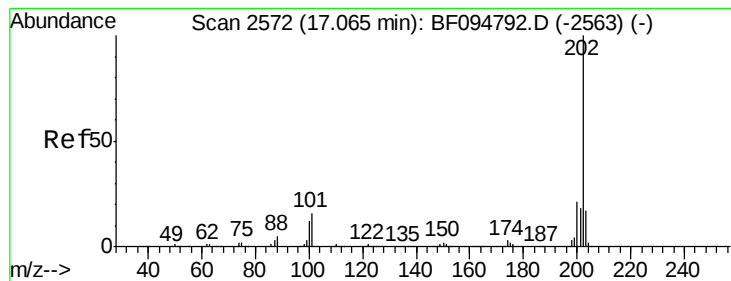
Tgt Ion:149 Resp: 7067
Ion Ratio Lower Upper
149 100
150 9.3 7.7 11.5
104 0.0 4.0 6.0#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 18.64 min Scan# 2840
Delta R.T. -0.01 min
Lab File: BF094805.D
Acq: 2 May 2017 21:28

Tgt Ion:240 Resp: 181658
Ion Ratio Lower Upper
240 100
120 14.6 5.8 8.8#
236 24.0 20.5 30.7





#77

Pyrene

Concen: 0.145 ng

RT: 17.30 min Scan# 2612

Delta R.T. 0.24 min

Lab File: BF094805.D

Acq: 2 May 2017 21:28

Instrument :

BNA_F

ClientSampleId :

220-1W-CONCRETE-COMP

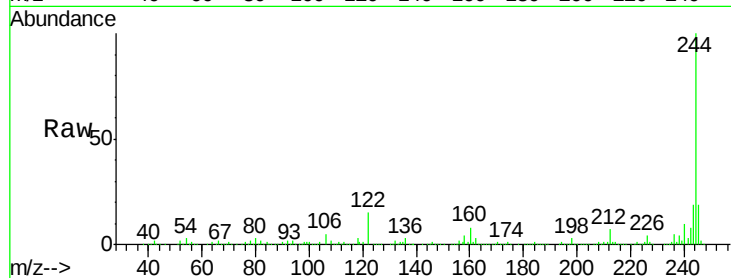
Tgt Ion: 202 Resp: 1967

Ion Ratio Lower Upper

202 100

200 50.0 17.6 26.4#

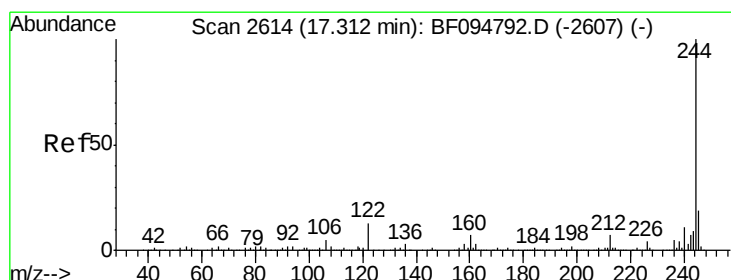
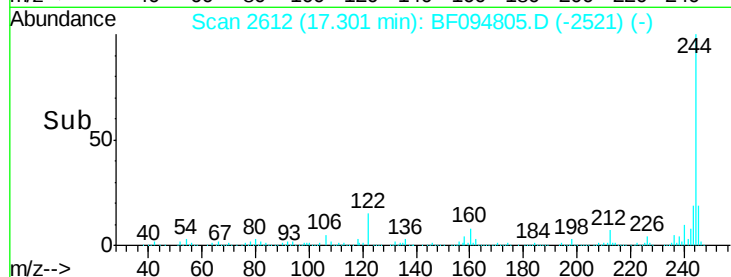
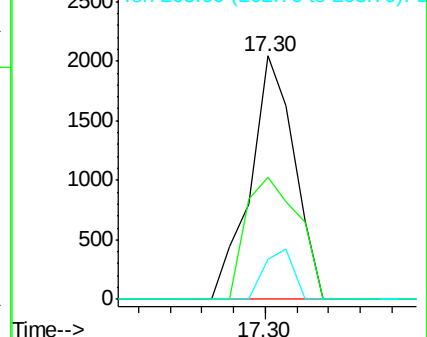
203 16.5 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 78.363 ng

RT: 17.31 min Scan# 2613

Delta R.T. -0.01 min

Lab File: BF094805.D

Acq: 2 May 2017 21:28

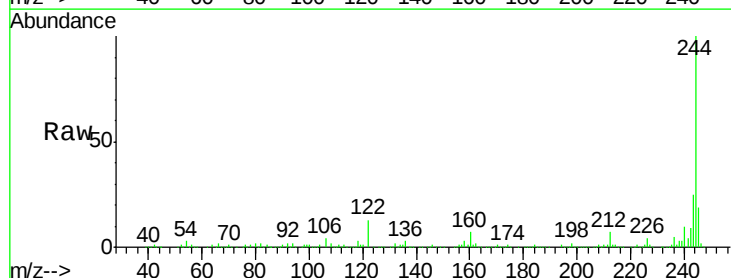
Tgt Ion: 244 Resp: 646306

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

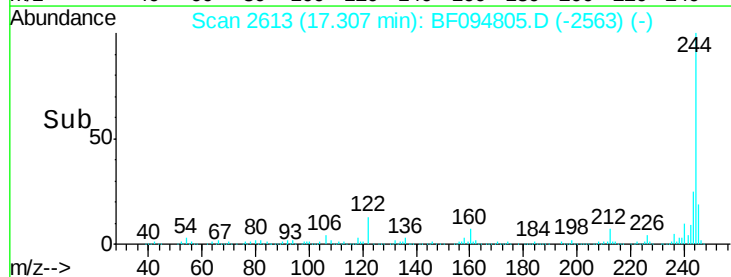
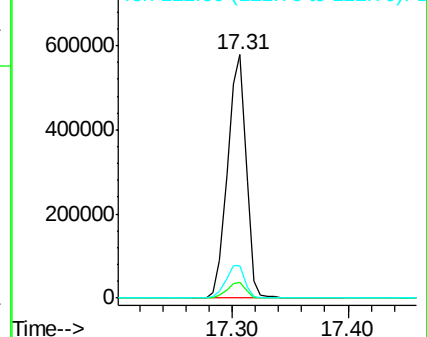
122 13.5 10.3 15.5

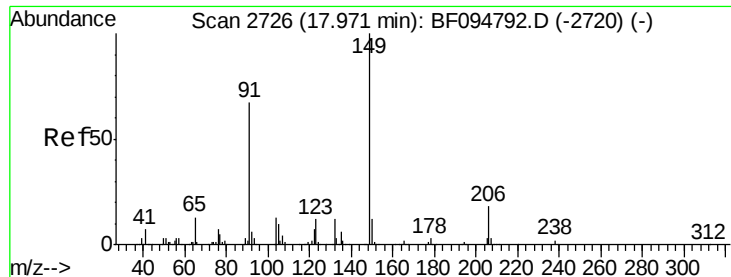


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 0.073 ng

RT: 17.97 min Scan# 2726

Delta R.T. 0.00 min

Lab File: BF094805.D

Acq: 2 May 2017 21:28

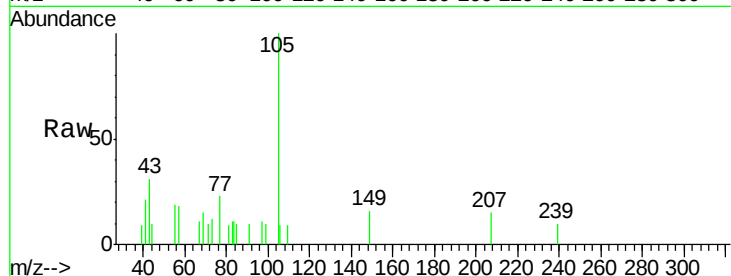
Instrument :

BNA_F

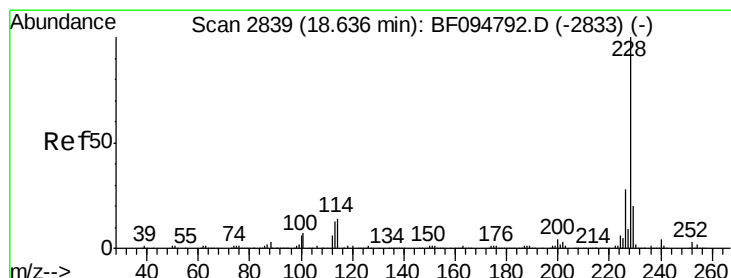
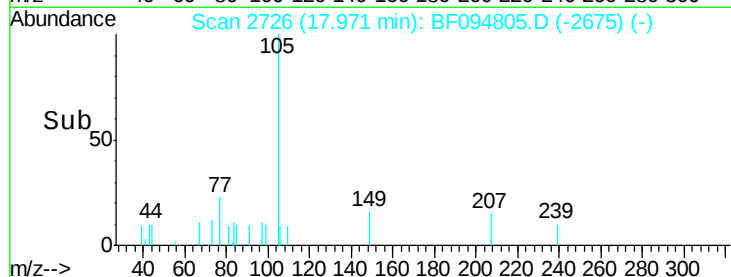
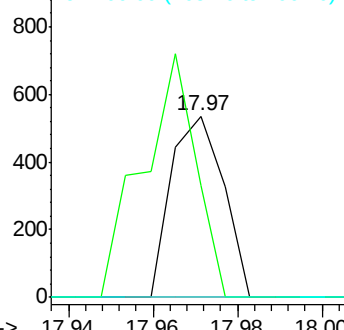
ClientSampleId :

220-1W-CONCRETE-COMP

Tgt Ion:	149	Resp:	460
Ion Ratio	Lower	Upper	
149	100		
91	61.5	45.0	67.4
206	0.0	17.0	25.6#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 0.014 ng

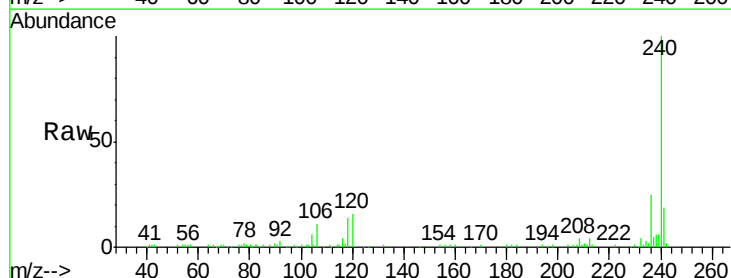
RT: 18.64 min Scan# 2839

Delta R.T. 0.00 min

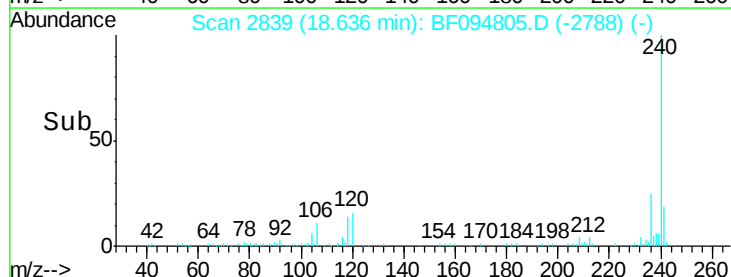
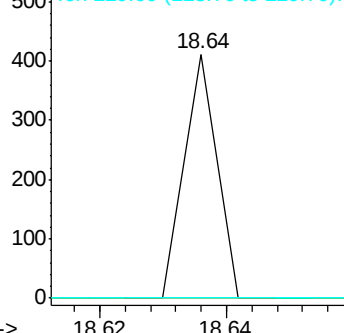
Lab File: BF094805.D

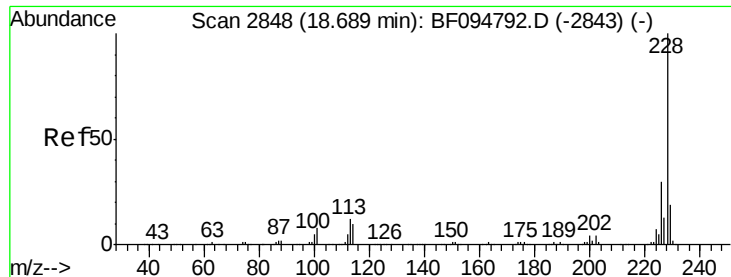
Acq: 2 May 2017 21:28

Tgt Ion:	228	Resp:	145
Ion Ratio	Lower	Upper	
228	100		
226	0.0	22.6	33.8#
229	0.0	16.3	24.5#



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





#82

Chrysene

Concen: 0.025 ng

RT: 18.68 min Scan# 2846

Delta R.T. -0.01 min

Lab File: BF094805.D

Acq: 2 May 2017 21:28

Instrument :

BNA_F

ClientSampleId :

220-1W-CONCRETE-COMP

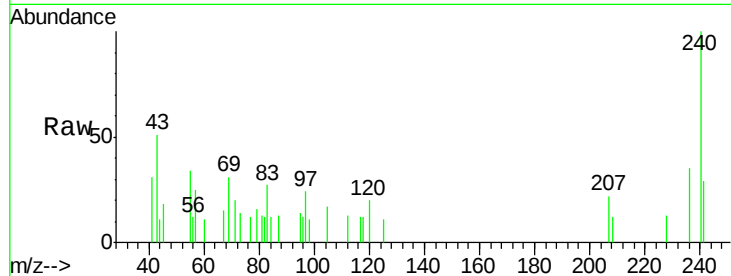
Tgt Ion:228 Resp: 252

Ion Ratio Lower Upper

228 100

226 0.0 24.9 37.3#

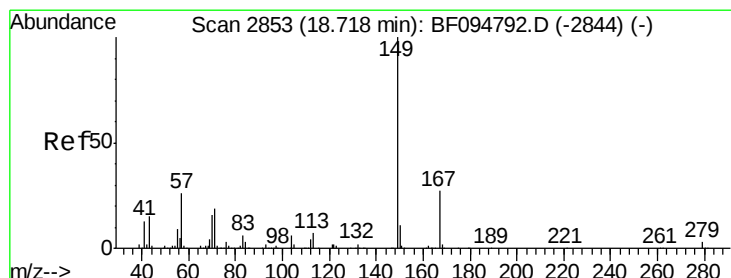
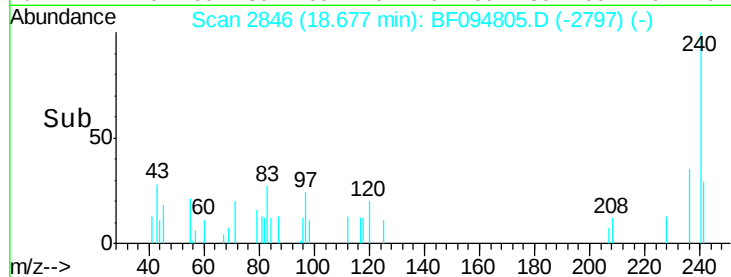
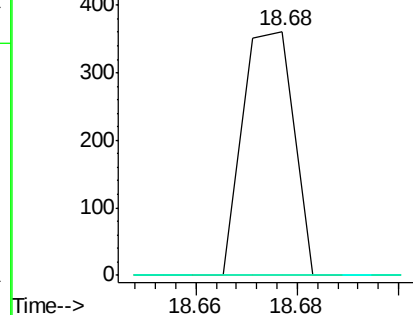
229 0.0 15.8 23.6#



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: 0.887 ng

RT: 18.71 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BF094805.D

Acq: 2 May 2017 21:28

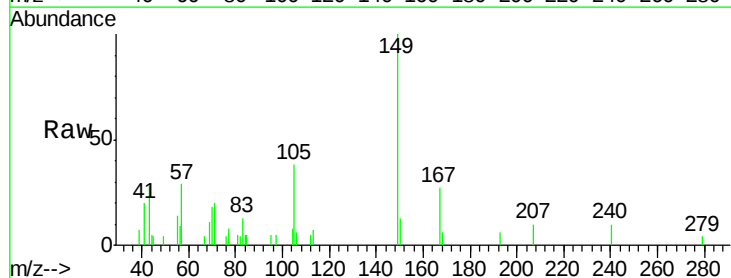
Tgt Ion:149 Resp: 7990

Ion Ratio Lower Upper

149 100

167 26.9 21.0 31.4

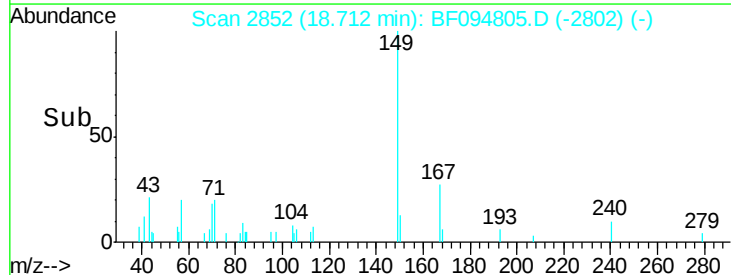
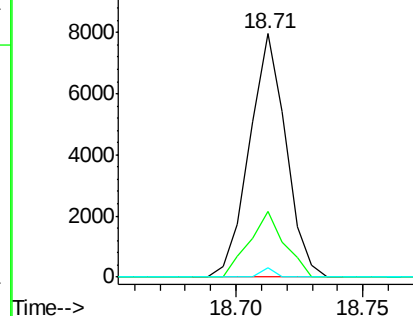
279 4.0 1.9 2.9#

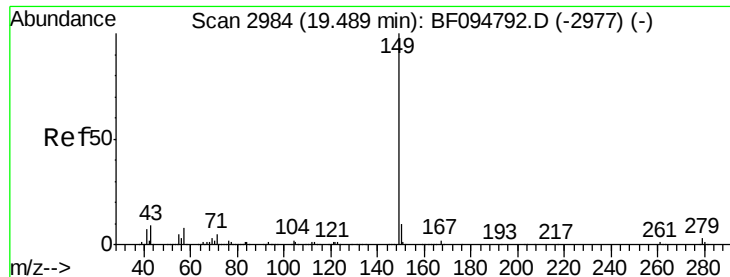


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

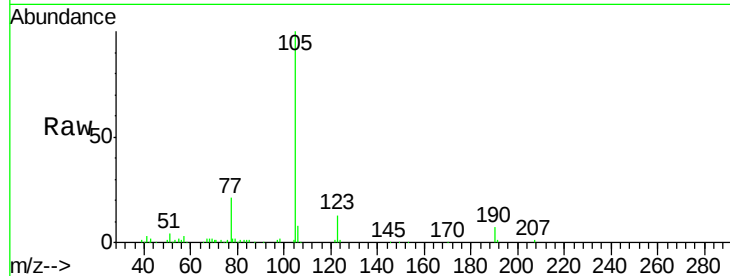




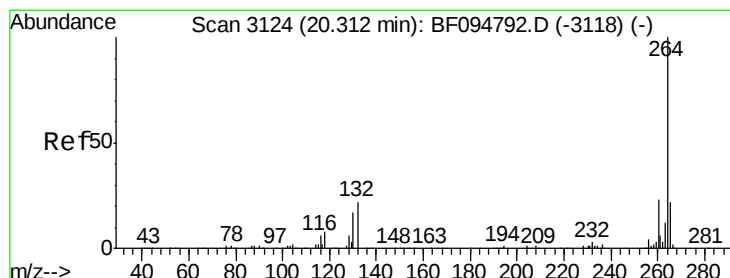
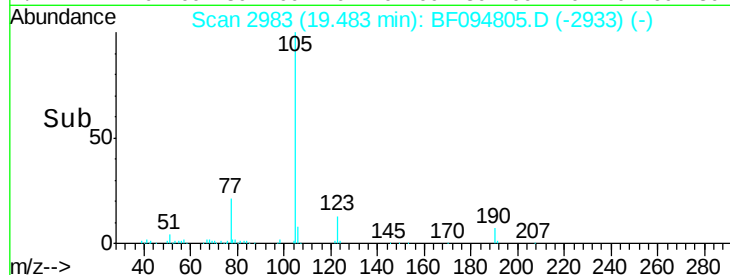
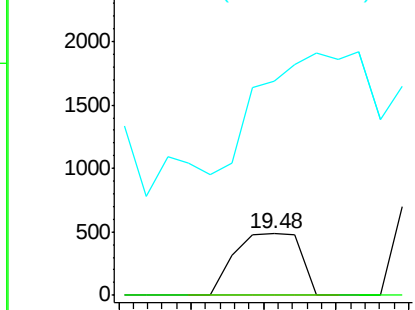
#84
Di-n-octyl phthalate
Concen: 0.042 ng
RT: 19.48 min Scan# 2983
Delta R.T. -0.01 min
Lab File: BF094805.D
Acq: 2 May 2017 21:28

Instrument :
BNA_F
ClientSampleId :
220-1W-CONCRETE-COMP

Tgt Ion:149 Resp: 620
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 0.0 8.5 12.7#

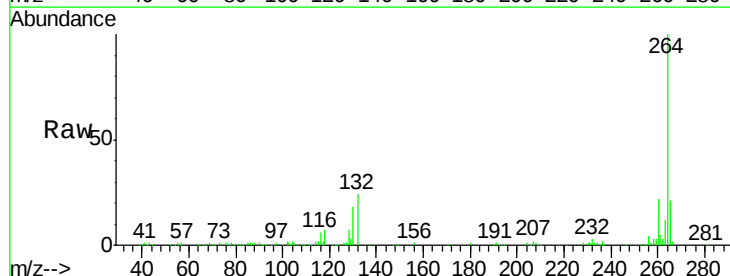


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

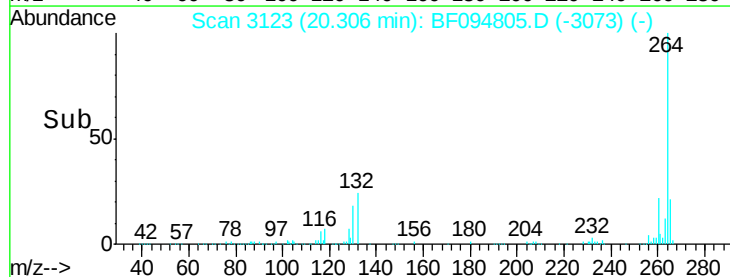
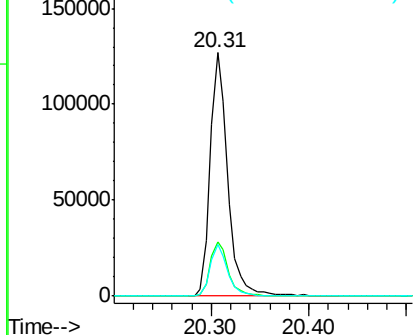


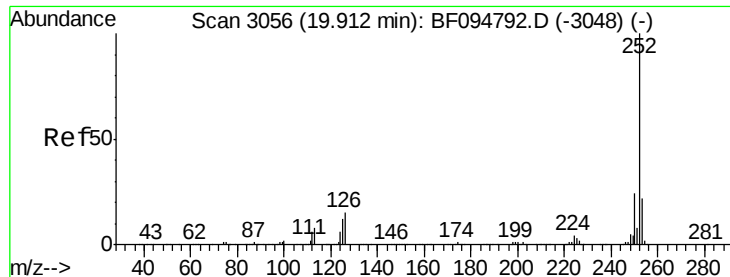
#86
Perylene-d12
Concen: 20.000 ng
RT: 20.31 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BF094805.D
Acq: 2 May 2017 21:28

Tgt Ion:264 Resp: 158538
Ion Ratio Lower Upper
264 100
260 22.1 19.5 29.3
265 21.3 17.2 25.8



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





#87

Benzo(b)fluoranthene

Concen: 0.025 ng

RT: 19.92 min Scan# 3057

Delta R.T. 0.01 min

Lab File: BF094805.D

Acq: 2 May 2017 21:28

Instrument :

BNA_F

ClientSampleId :

220-1W-CONCRETE-COMP

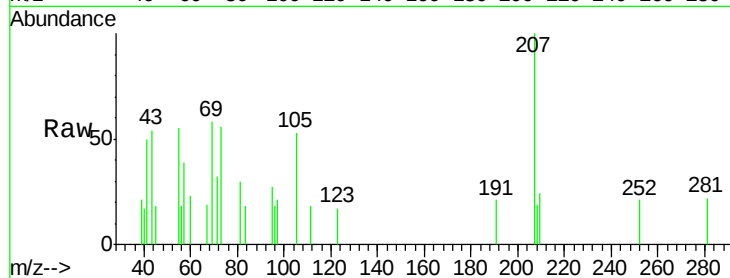
Tgt Ion:252 Resp: 247

Ion Ratio Lower Upper

252 100

253 0.0 18.1 27.1#

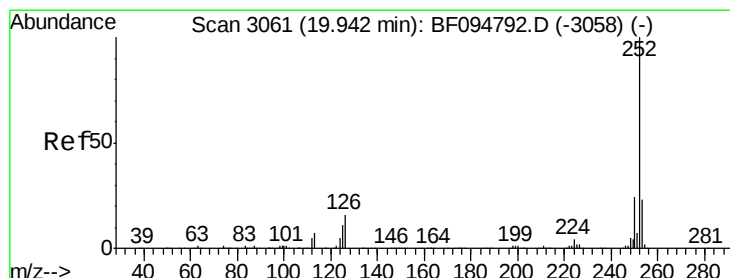
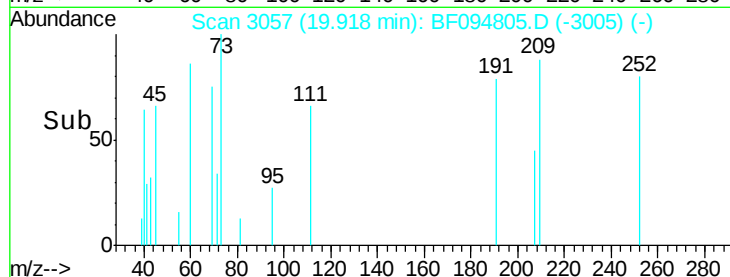
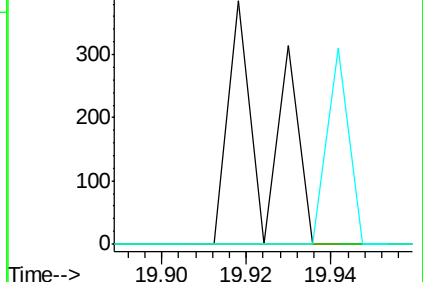
125 0.0 9.8 14.8#



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: 0.026 ng

RT: 19.92 min Scan# 3057

Delta R.T. -0.02 min

Lab File: BF094805.D

Acq: 2 May 2017 21:28

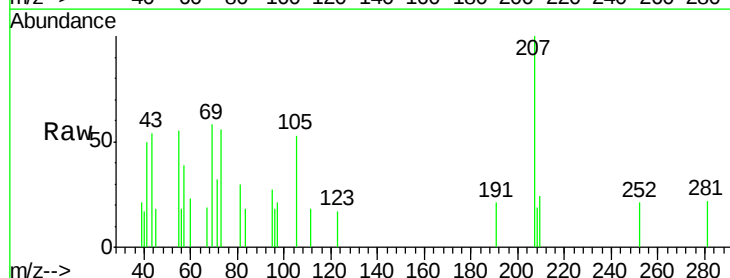
Tgt Ion:252 Resp: 247

Ion Ratio Lower Upper

252 100

253 0.0 18.4 27.6#

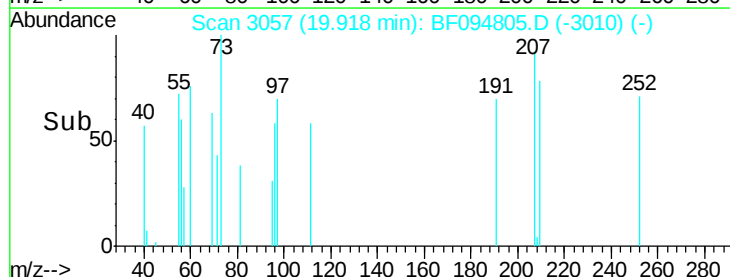
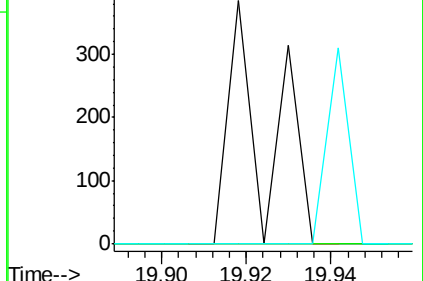
125 0.0 13.1 19.7#

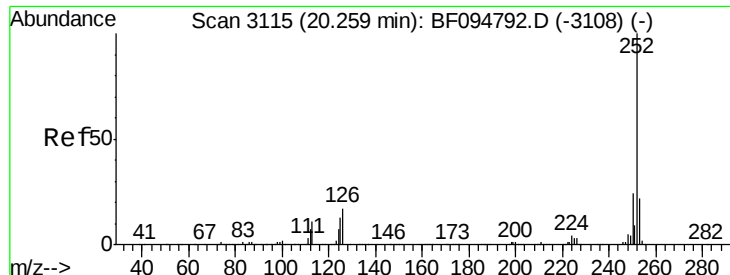


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 0.034 ng

RT: 20.31 min Scan# 3123

Delta R.T. 0.05 min

Lab File: BF094805.D

Acq: 2 May 2017 21:28

Instrument :

BNA_F

ClientSampleId :

220-1W-CONCRETE-COMP

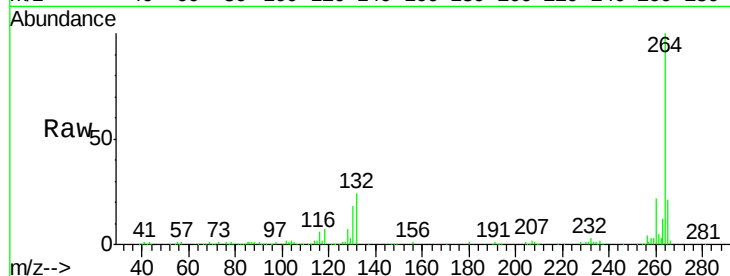
Tgt Ion:252 Resp: 307

Ion Ratio Lower Upper

252 100

253 0.0 17.5 26.3#

125 0.0 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

20.31

400

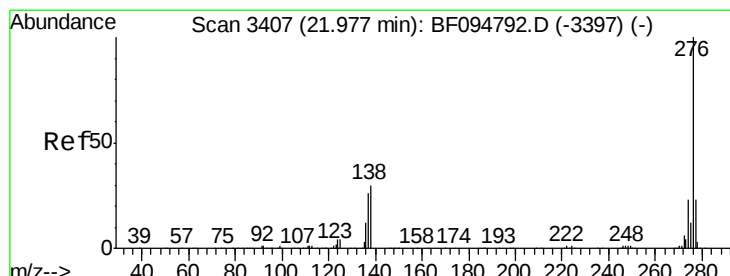
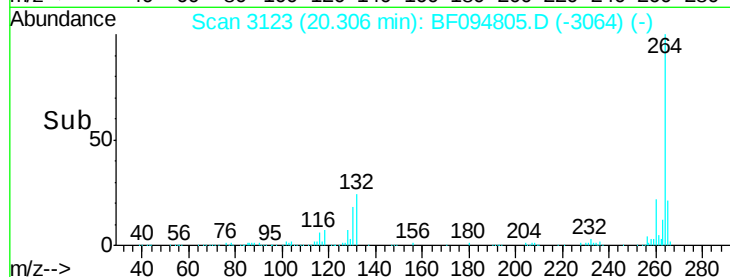
300

200

100

0

Time--> 20.28 20.30 20.32



#91

Benzo(g,h,i)perylene

Concen: 0.019 ng

RT: 22.02 min Scan# 3414

Delta R.T. 0.04 min

Lab File: BF094805.D

Acq: 2 May 2017 21:28

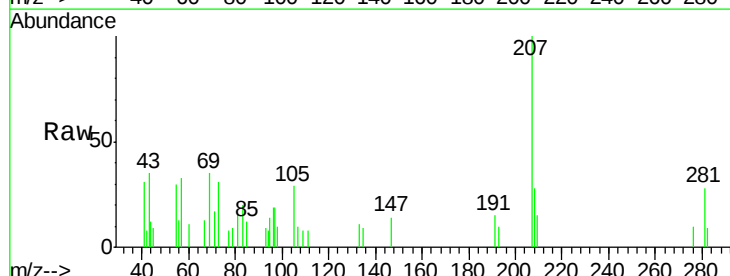
Tgt Ion:276 Resp: 136

Ion Ratio Lower Upper

276 100

277 0.0 18.6 28.0#

138 0.0 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

22.02

400

300

200

100

0

Time--> 22.00 22.02

