

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050217\
 Data File : BF094825.D
 Acq On : 3 May 2017 9:24
 Operator : SJ/MA
 Sample : I2921-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-V8-BASE

Quant Time: May 03 11:45:55 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	87492	20.00	ng	0.00
21) Naphthalene-d8	9.75	136	366585	20.00	ng	0.00
38) Acenaphthene-d10	12.58	164	158068	20.00	ng	0.00
63) Phenanthrene-d10	14.98	188	249685	20.00	ng	0.00
75) Chrysene-d12	18.64	240	203219	20.00	ng	-0.01
86) Perylene-d12	20.31	264	164351	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.68	112	772451	147.20	ng	0.00
7) Phenol-d6	7.28	99	926708	147.18	ng	0.00
23) Nitrobenzene-d5	8.63	82	557882	95.96	ng	0.00
41) 2,4,6-Tribromophenol	13.87	330	180500	139.43	ng	-0.01
44) 2-Fluorobiphenyl	11.52	172	1049589	95.57	ng	0.00
78) Terphenyl-d14	17.31	244	641402	69.52	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.22	88	121	0.047	ng	# 64
6) Aniline	7.29	93	438	0.055	ng	# 1
8) 2-Chlorophenol	7.41	128	471	0.079	ng	# 1
9) Benzaldehyde	7.28	77	1305	0.339	ng	# 1
10) Phenol	7.29	94	16774	2.528	ng	# 86
11) bis(2-Chloroethyl)ether	7.39	93	777	0.142	ng	# 1
17) 2-Methylphenol	8.25	107	3797	0.777	ng	# 93
18) Hexachloroethane	8.63	117	299	0.128	ng	# 1
20) 3+4-Methylphenols	8.53	107	8538	1.285	ng	# 65
22) Acetophenone	8.38	105	1014	0.115	ng	# 82
24) Nitrobenzene	8.63	77	1811	0.297	ng	# 36
25) Isophorone	9.07	82	637	0.061	ng	# 67
27) 2,4-Dimethylphenol	9.35	122	4366	0.821	ng	# 86
29) 2,4-Dichlorophenol	9.75	162	144	0.029	ng	# 1
31) Naphthalene	9.78	128	22570	1.225	ng	# 97
33) 4-Chloroaniline	9.78	127	3057	0.445	ng	# 19
35) Caprolactam	10.55	113	257	0.171	ng	# 61
37) 2-Methylnaphthalene	10.91	142	14047	1.162	ng	# 97
45) 1,1'-Biphenyl	11.68	154	3180	0.239	ng	# 88
46) 2-Chloronaphthalene	9.75	162	144	0.030	ng	# 40
47) 2-Nitroaniline	12.05	65	112	0.038	ng	# 7
48) Acenaphthylene	12.35	152	1341	0.080	ng	# 53
49) Dimethylphthalate	12.21	163	101726	7.839	ng	# 100
50) 2,6-Dinitrotoluene	12.21	165	929	0.351	ng	# 1
51) Acenaphthene	11.68	154	3180	0.239	ng	# 48
54) Dibenzofuran	12.92	168	8509	0.612	ng	# 97
55) 4-Nitrophenol	12.92	139	3412	1.999	ng	# 25
56) 2,4-Dinitrotoluene	12.94	165	148	0.044	ng	# 19
57) Fluorene	13.48	166	9886	0.817	ng	# 98
59) Diethylphthalate	13.36	149	687	0.055	ng	# 60
62) Azobenzene	13.78	77	122	0.012	ng	# 50
64) 4,6-Dinitro-2-methylphenol	13.87	198	437	0.261	ng	# 1
65) n-Nitrosodiphenylamine	13.70	169	2136	0.236	ng	# 85
70) Phenanthrene	15.01	178	40765	2.842	ng	# 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

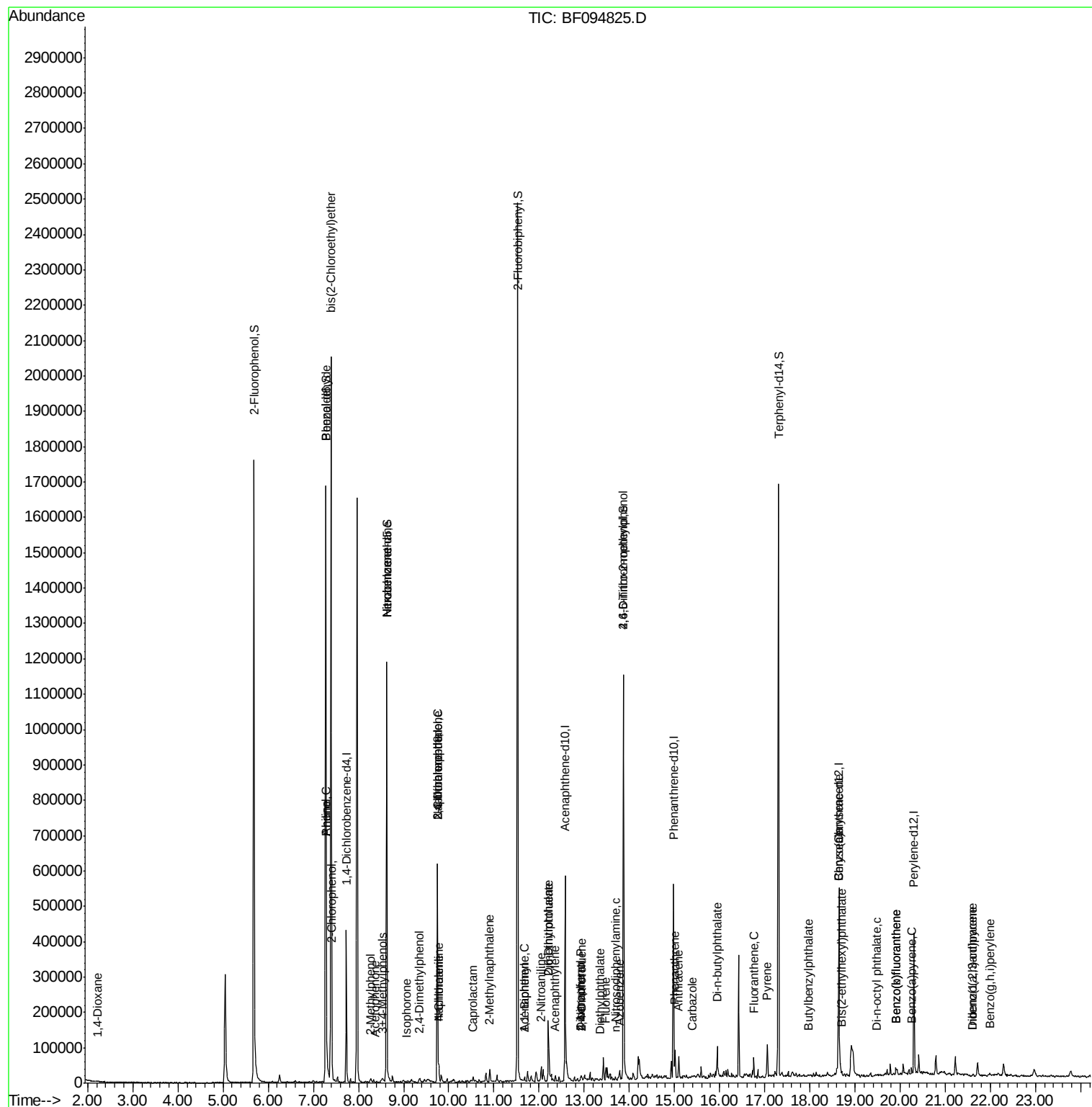
71) Anthracene	15.09	178	35575	2.428	ng	99
72) Carbazole	15.39	167	5278	0.396	ng	96
73) Di-n-butylphthalate	15.95	149	1793	0.108	ng #	78
74) Fluoranthene	16.76	202	31056	2.110	ng	97
77) Pyrene	17.06	202	40572	2.669	ng #	92
79) Butylbenzylphthalate	17.97	149	119	0.017	ng #	42
80) Benzo(a)anthracene	18.63	228	11154	0.943	ng	97
82) Chrysene	18.63	228	11154	0.975	ng	98
83) Bis(2-ethylhexyl)phthalate	18.71	149	3960	0.393	ng #	86
84) Di-n-octyl phthalate	19.48	149	575	0.035	ng #	1
85) Indeno(1,2,3-cd)pyrene	21.61	276	2331	0.251	ng #	78
87) Benzo(b)fluoranthene	19.91	252	11634	1.146	ng #	92
88) Benzo(k)fluoranthene	19.91	252	11634	1.188	ng #	95
89) Benzo(a)pyrene	20.25	252	6465	0.690	ng #	79
90) Dibenzo(a,h)anthracene	21.61	278	709	0.092	ng #	1
91) Benzo(g,h,i)perylene	21.99	276	2187	0.288	ng #	91

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

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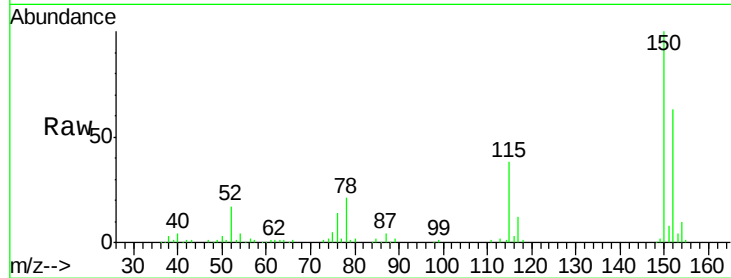


#1

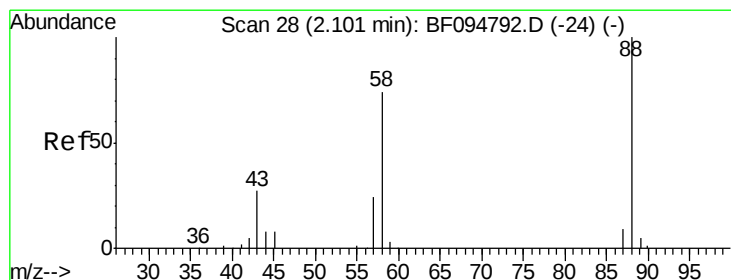
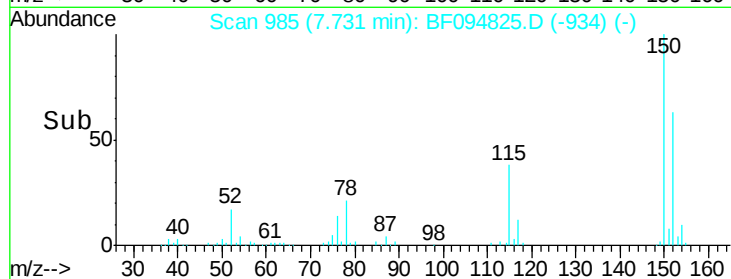
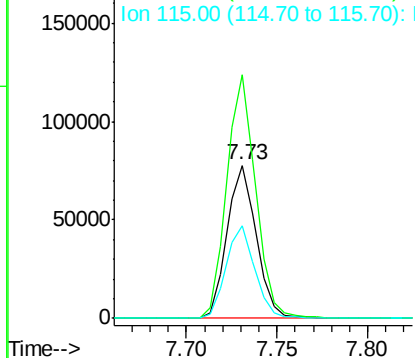
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.73 min Scan# 985
Delta R.T. 0.00 min
Lab File: BF094825.D
Acq: 3 May 2017 9:24

Instrument :
BNA_F
ClientSampleId :
E2-V8-BASE

Tgt Ion: 152 Resp: 87492
Ion Ratio Lower Upper
152 100
150 158.8 126.2 189.2
115 60.4 52.2 78.2



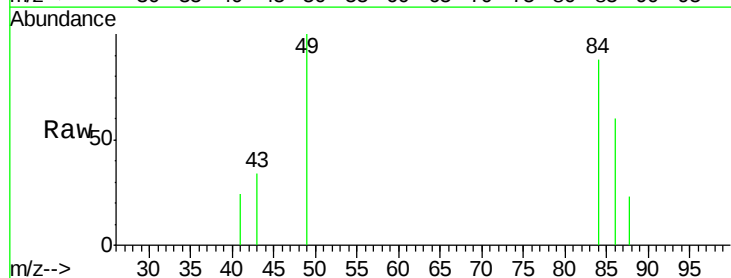
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



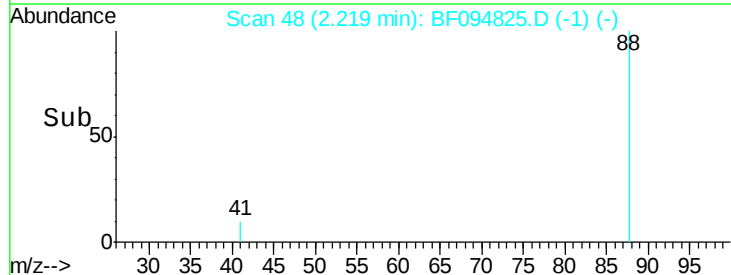
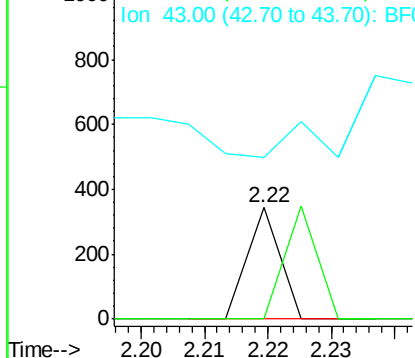
#2

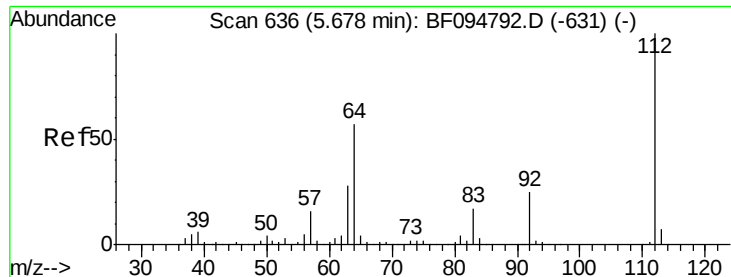
1,4-Dioxane
Concen: 0.047 ng
RT: 2.22 min Scan# 48
Delta R.T. 0.12 min
Lab File: BF094825.D
Acq: 3 May 2017 9:24

Tgt Ion: 88 Resp: 121
Ion Ratio Lower Upper
88 100
58 101.7 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





#5

2-Fluorophenol

Concen: 147.195 ng

RT: 5.68 min Scan# 637

Delta R.T. 0.01 min

Lab File: BF094825.D

Acq: 3 May 2017 9:24

Instrument :

BNA_F

ClientSampleId :

E2-V8-BASE

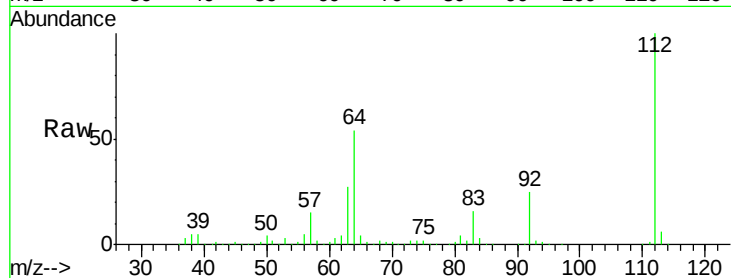
Tgt Ion: 112 Resp: 772451

Ion Ratio Lower Upper

112 100

64 54.0 46.0 69.0

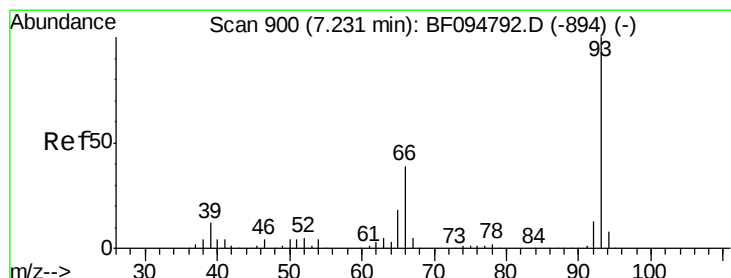
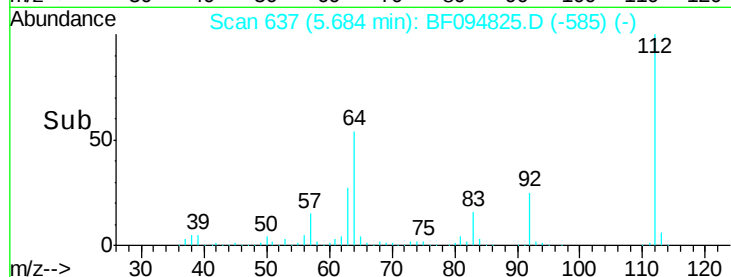
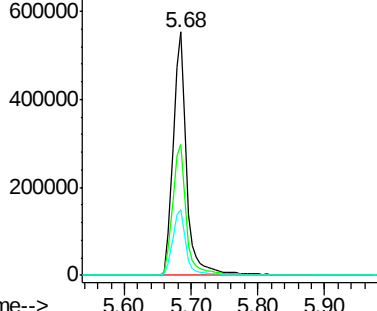
63 27.0 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 0.055 ng

RT: 7.29 min Scan# 910

Delta R.T. 0.06 min

Lab File: BF094825.D

Acq: 3 May 2017 9:24

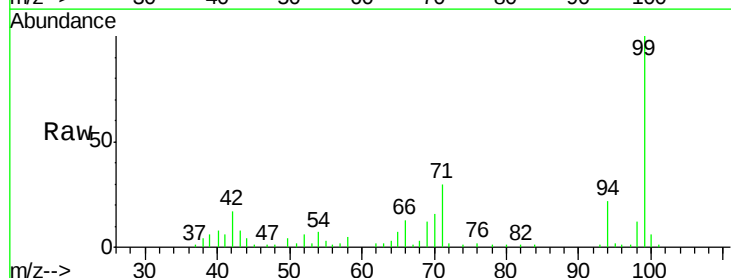
Tgt Ion: 93 Resp: 438

Ion Ratio Lower Upper

93 100

66 1381.8 32.9 49.3#

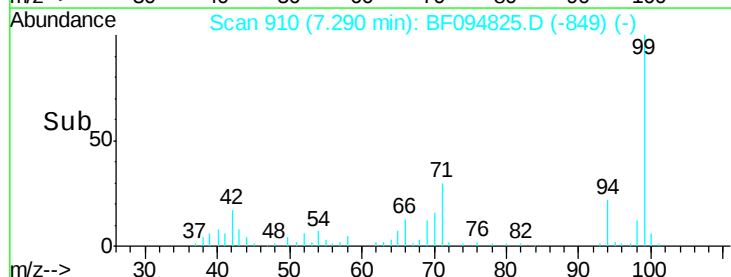
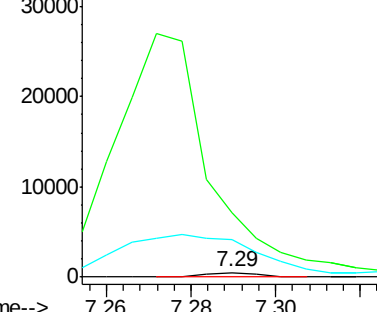
65 809.9 16.0 24.0#

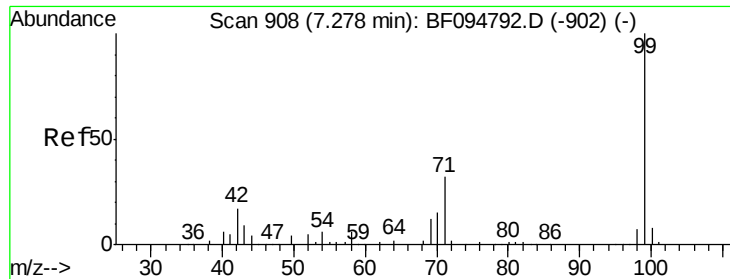


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 147.177 ng

RT: 7.28 min Scan# 908

Delta R.T. 0.00 min

Lab File: BF094825.D

Acq: 3 May 2017 9:24

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ClientSampleId :

E2-V8-BASE

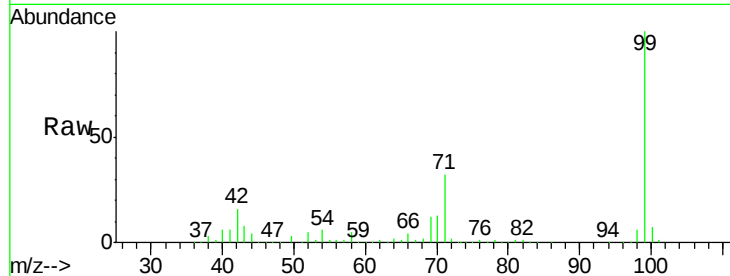
Tgt Ion: 99 Resp: 926708

Ion Ratio Lower Upper

99 100

42 16.0 13.5 20.3

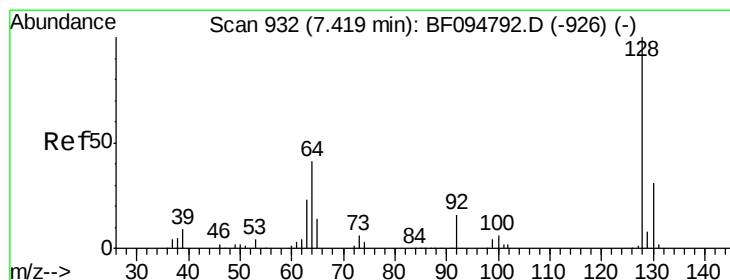
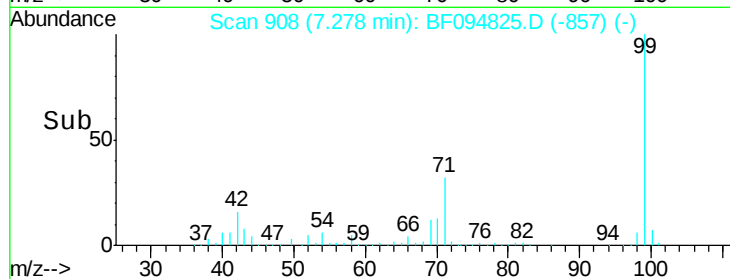
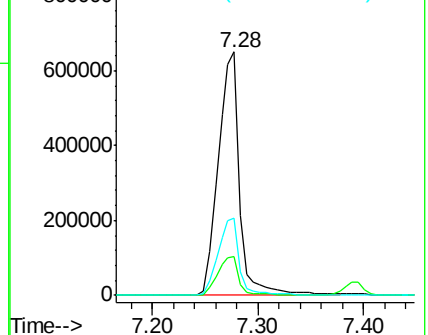
71 31.7 24.5 36.7



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: 0.079 ng

RT: 7.41 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF094825.D

Acq: 3 May 2017 9:24

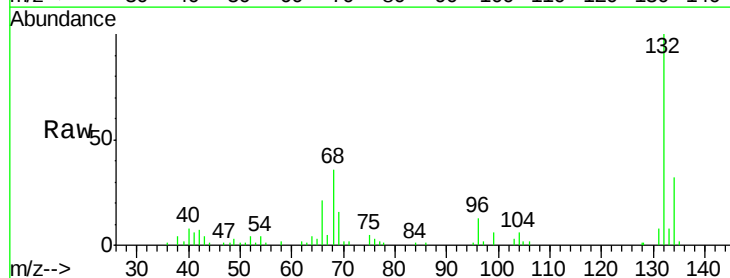
Tgt Ion: 128 Resp: 471

Ion Ratio Lower Upper

128 100

130 0.0 12.9 52.9#

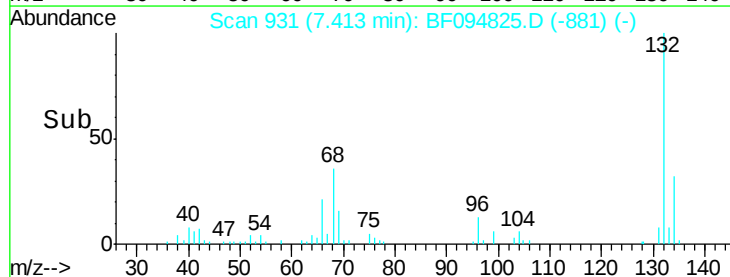
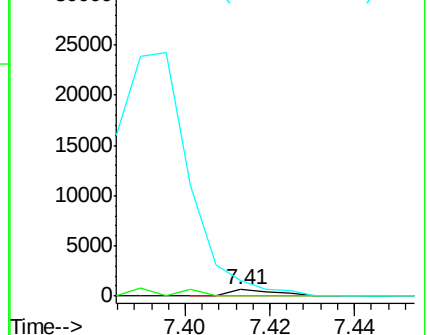
64 240.0 28.4 68.4#

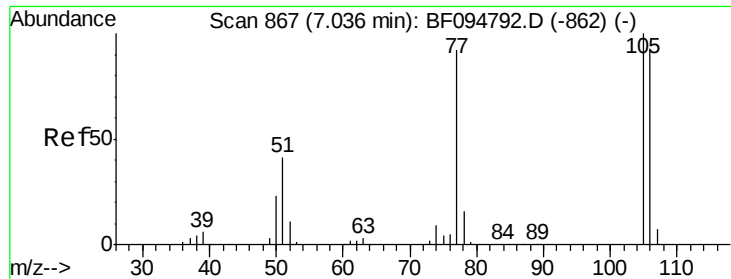


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 0.339 ng

RT: 7.28 min Scan# 908

Delta R.T. 0.24 min

Lab File: BF094825.D

Acq: 3 May 2017 9:24

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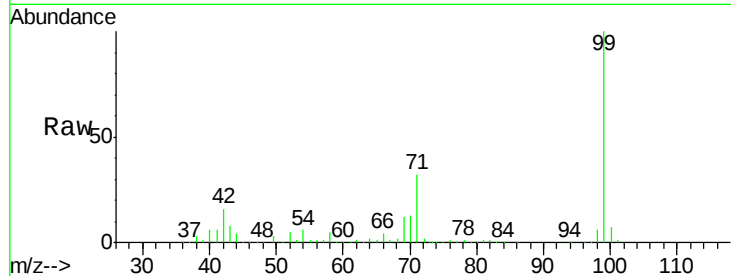
Tgt Ion: 77 Resp: 1305

Ion Ratio Lower Upper

77 100

105 0.0 83.8 123.8#

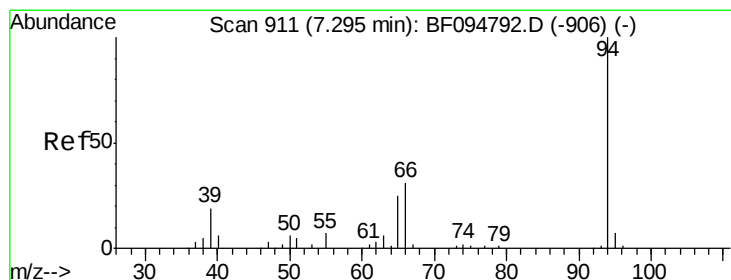
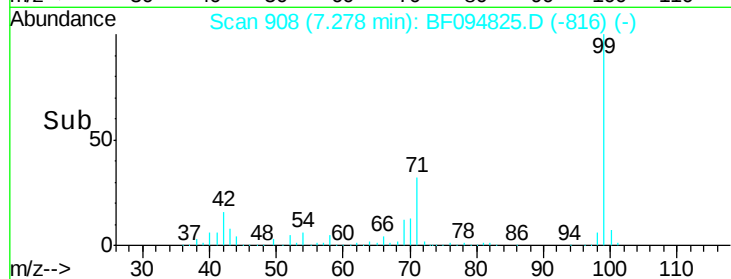
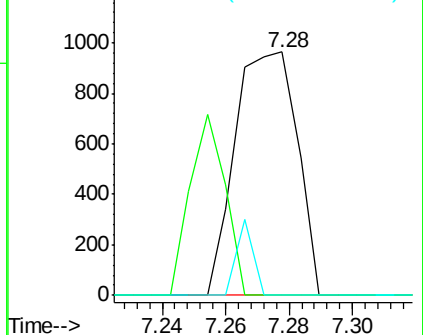
106 0.0 79.1 119.1#



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: 2.528 ng

RT: 7.29 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF094825.D

Acq: 3 May 2017 9:24

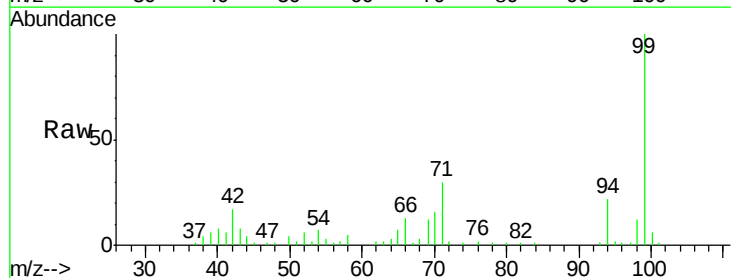
Tgt Ion: 94 Resp: 16774

Ion Ratio Lower Upper

94 100

65 32.8 9.9 49.9

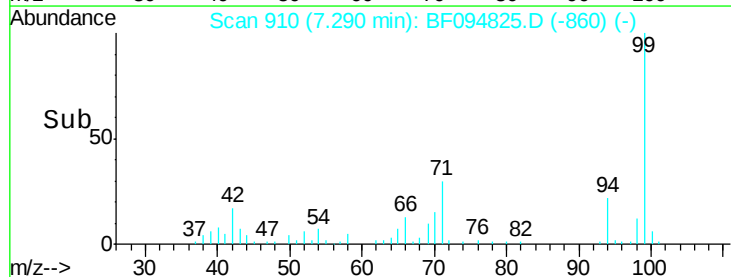
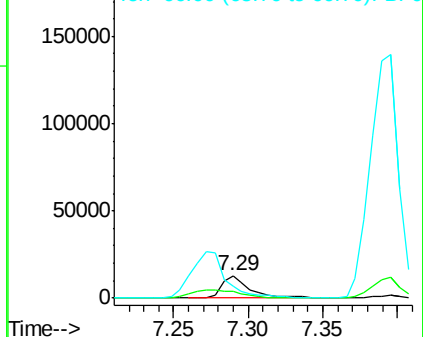
66 56.0 23.1 63.1

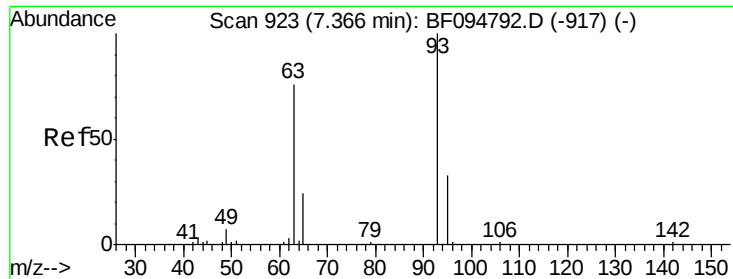


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 0.142 ng

RT: 7.39 min Scan# 927

Delta R.T. 0.02 min

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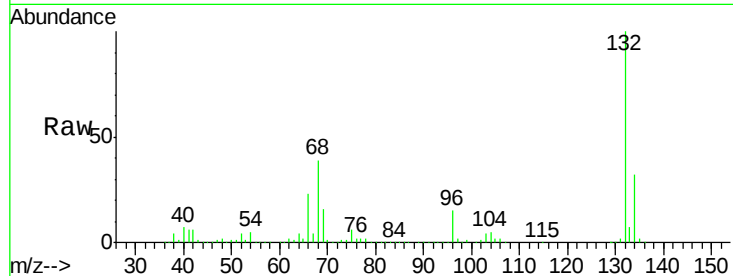
Tgt Ion: 93 Resp: 777

Ion Ratio Lower Upper

93 100

63 787.7 59.2 99.2#

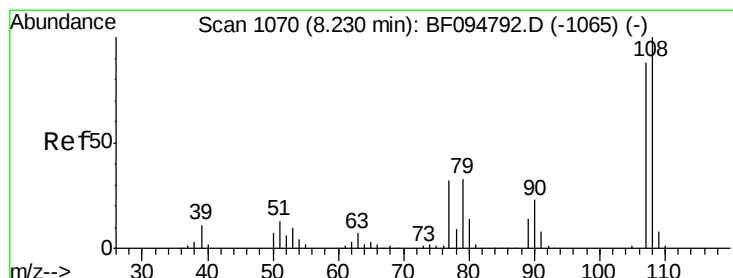
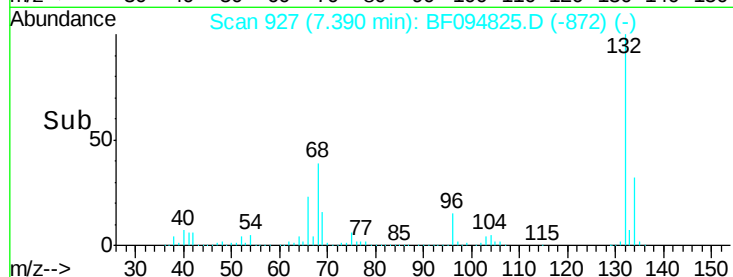
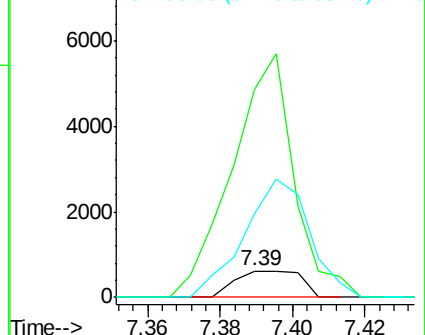
95 315.2 12.8 52.8#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#17

2-Methylphenol

Concen: 0.777 ng

RT: 8.25 min Scan# 1074

Delta R.T. 0.02 min

Lab File: BF094825.D

Acq: 3 May 2017 9:24

Tgt Ion: 107 Resp: 3797

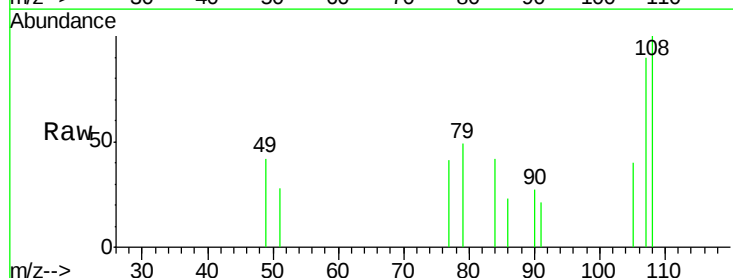
Ion Ratio Lower Upper

107 100

108 111.3 93.4 140.0

77 45.4 35.8 53.6

79 54.5 34.8 52.2#

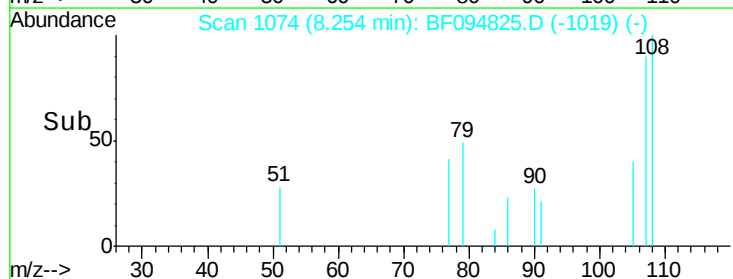
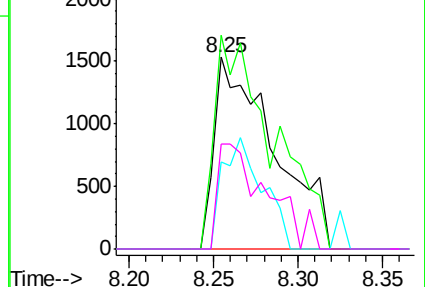


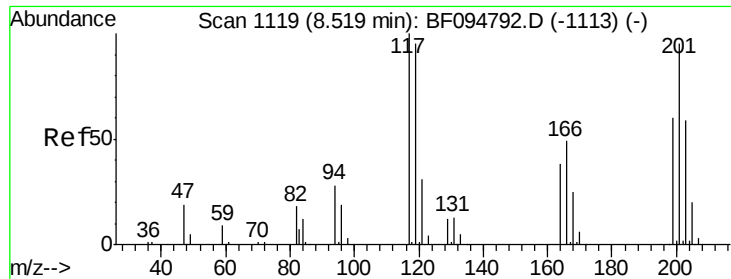
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

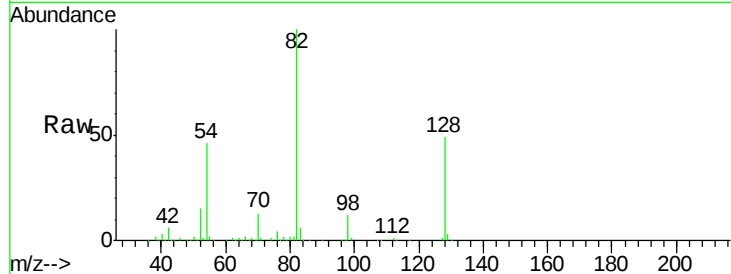




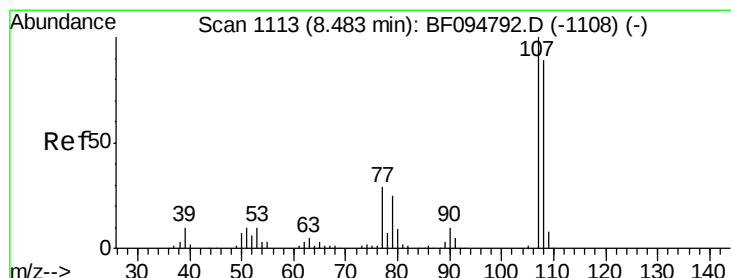
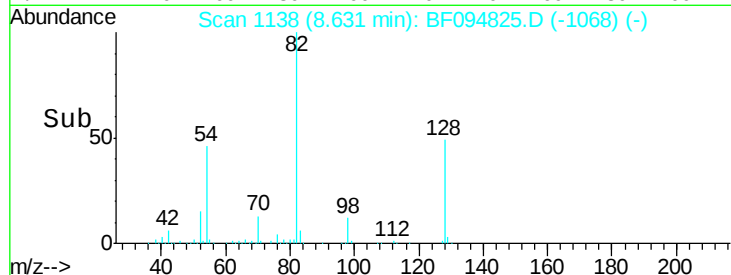
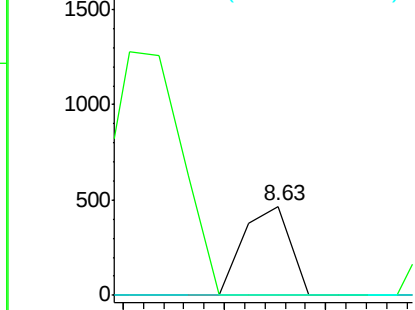
#18
Hexachloroethane
Concen: 0.128 ng
RT: 8.63 min Scan# 1138
Delta R.T. 0.11 min
Lab File: BF094825.D
Acq: 3 May 2017 9:24

Instrument :
BNA_F
ClientSampleId :
E2-V8-BASE

Tgt Ion:117 Resp: 299
Ion Ratio Lower Upper
117 100
119 0.0 77.4 116.0#
201 0.0 94.6 141.8#

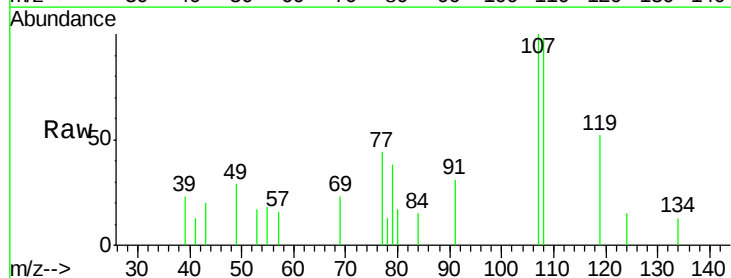


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

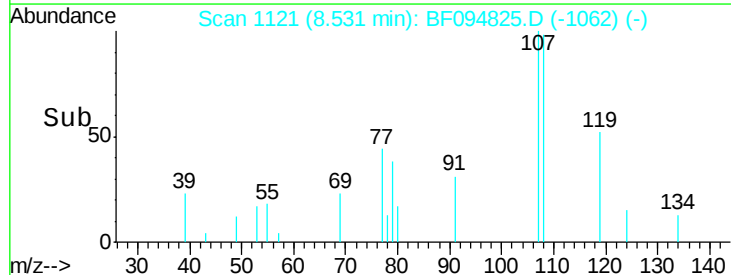
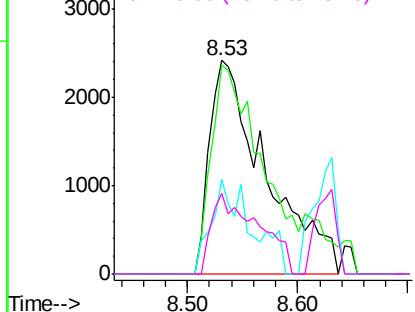


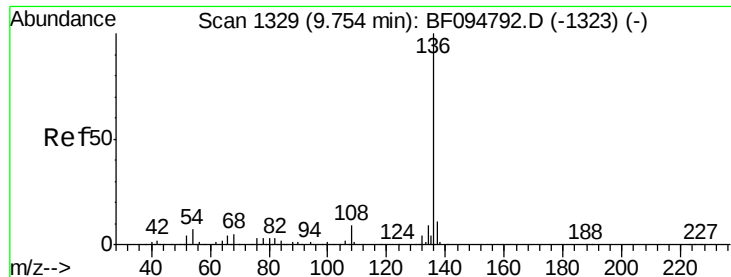
#20
3+4-Methylphenols
Concen: 1.285 ng
RT: 8.53 min Scan# 1121
Delta R.T. 0.05 min
Lab File: BF094825.D
Acq: 3 May 2017 9:24

Tgt Ion:107 Resp: 8538
Ion Ratio Lower Upper
107 100
108 97.5 71.0 111.0
77 44.3 90.5 130.5#
79 37.8 8.4 48.4



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

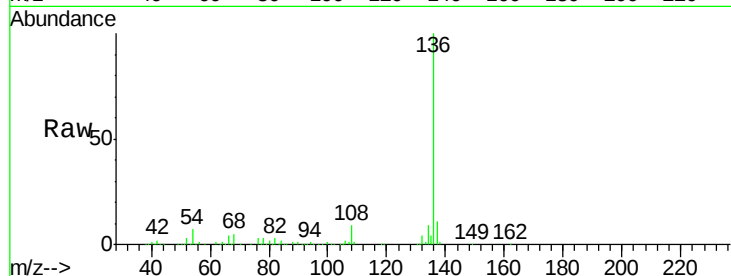




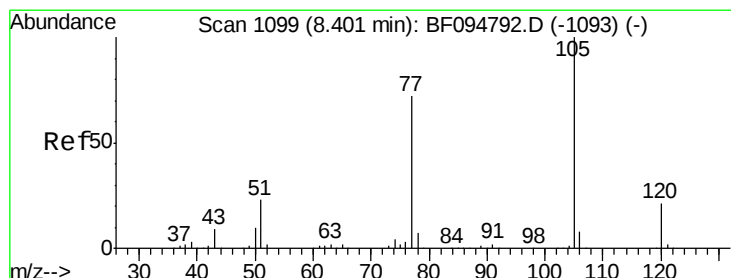
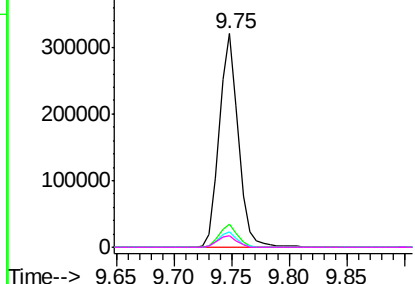
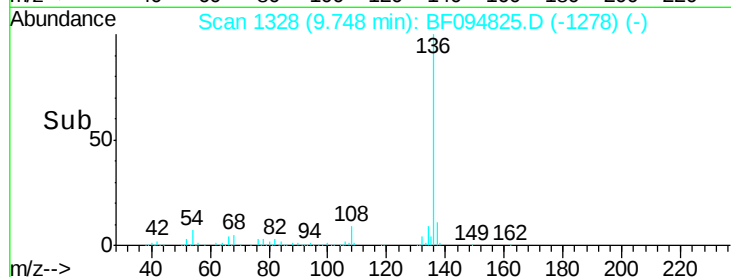
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 9.75 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF094825.D
Acq: 3 May 2017 9:24

Instrument :
BNA_F
ClientSampleId :
E2-V8-BASE

Tgt Ion:	136	Resp:	366585
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.5	12.7
54	7.0	4.9	7.3
68	5.3	4.1	6.1

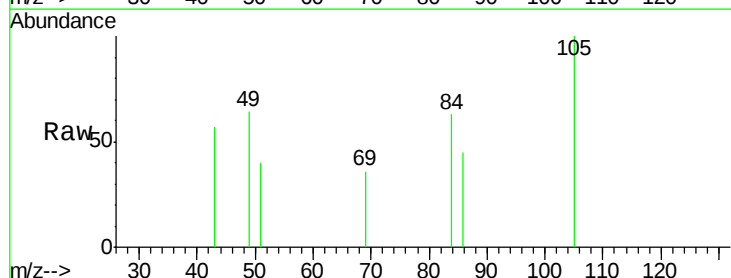


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

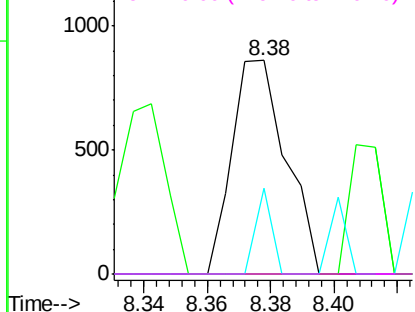
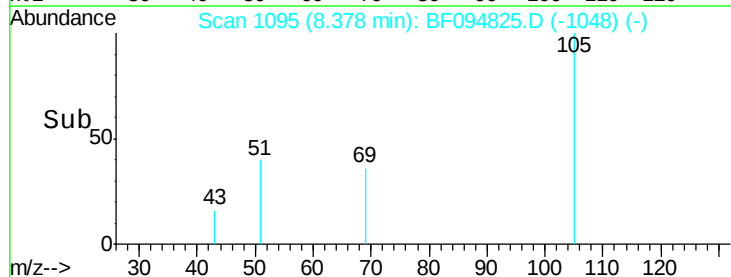


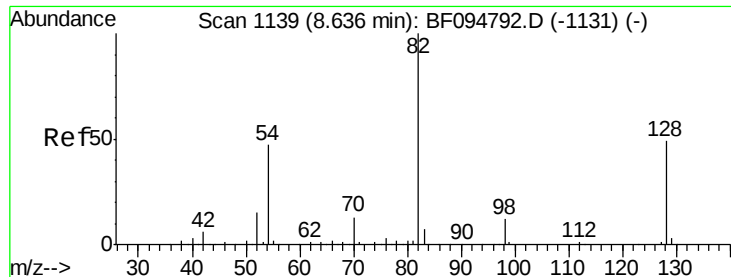
#22
Acetophenone
Concen: 0.115 ng
RT: 8.38 min Scan# 1095
Delta R.T. -0.02 min
Lab File: BF094825.D
Acq: 3 May 2017 9:24

Tgt Ion:	105	Resp:	1014
Ion	Ratio	Lower	Upper
105	100		
71	0.0	2.8	4.2#
51	40.1	30.7	46.1
120	0.0	17.4	26.0#



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

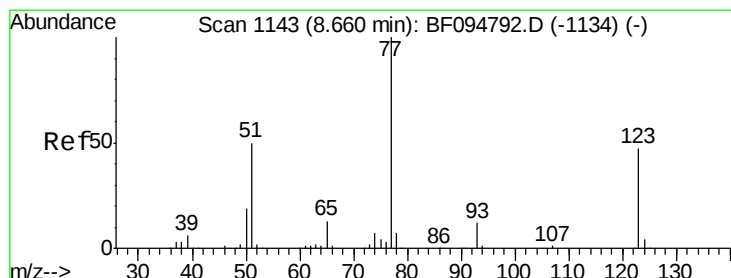
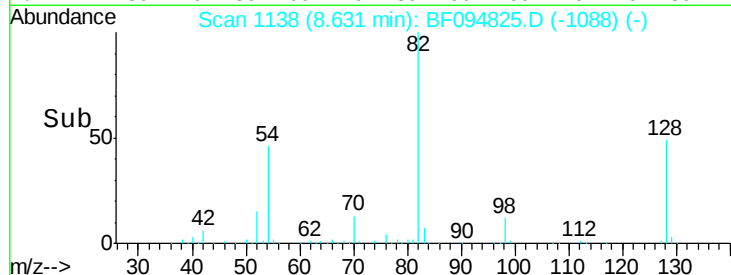
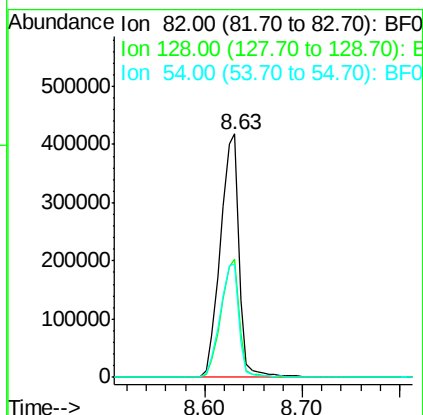
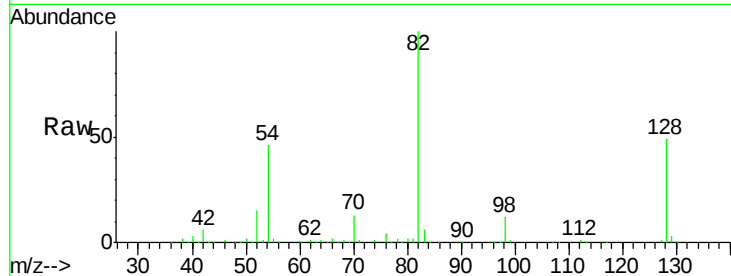




#23
Nitrobenzene-d5
Concen: 95.965 ng
RT: 8.63 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BF094825.D
Acq: 3 May 2017 9:24

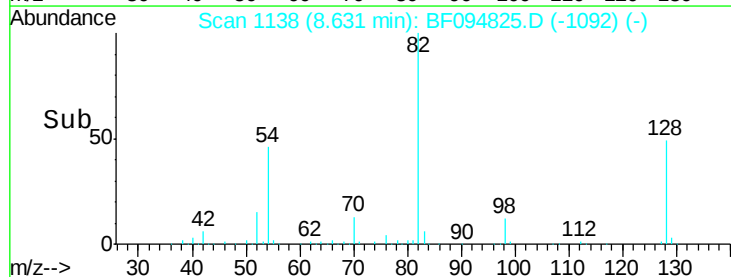
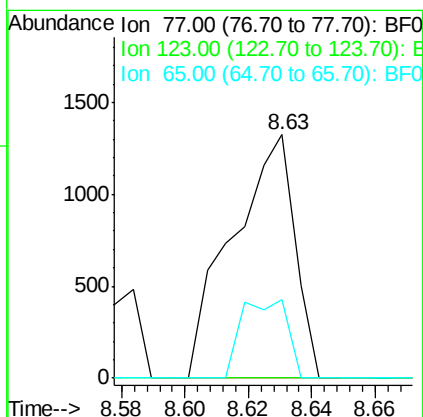
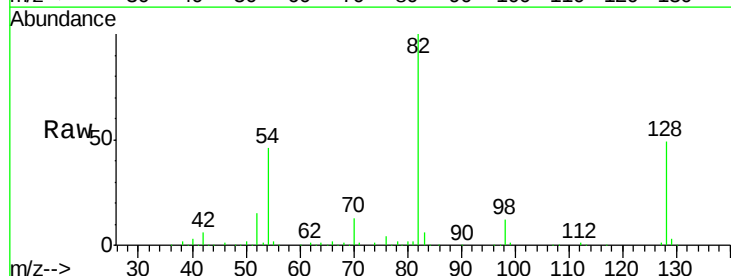
Instrument :
BNA_F
ClientSampled :
E2-V8-BASE

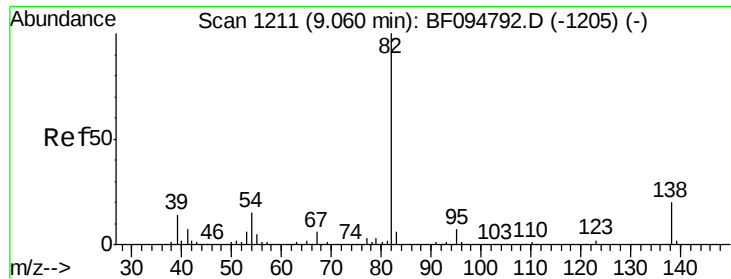
Tgt Ion: 82 Resp: 557882
Ion Ratio Lower Upper
82 100
128 48.6 34.0 51.0
54 46.3 42.2 63.2



#24
Nitrobenzene
Concen: 0.297 ng
RT: 8.63 min Scan# 1138
Delta R.T. -0.03 min
Lab File: BF094825.D
Acq: 3 May 2017 9:24

Tgt Ion: 77 Resp: 1811
Ion Ratio Lower Upper
77 100
123 0.0 35.8 53.8#
65 32.0 10.6 15.8#





#25

Isophorone

Concen: 0.061 ng

RT: 9.07 min Scan# 1212

Delta R.T. 0.01 min

Lab File: BF094825.D

Acq: 3 May 2017 9:24

Instrument :

BNA_F

ClientSampleId :

E2-V8-BASE

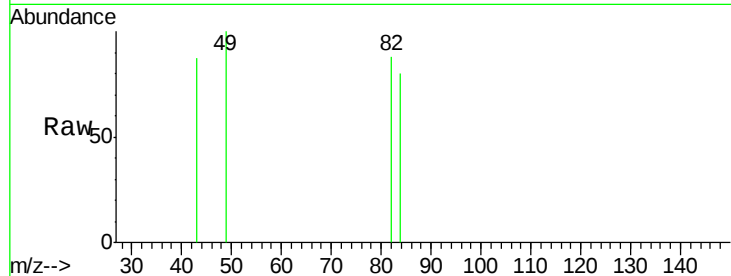
Tgt Ion: 82 Resp: 637

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

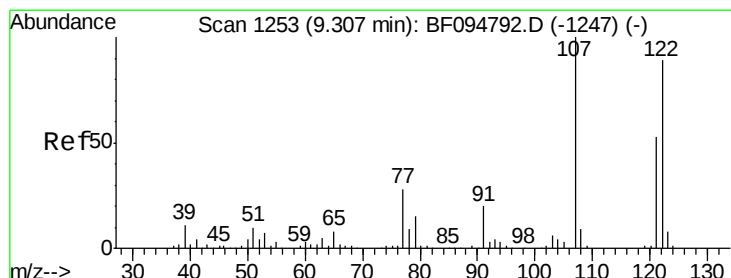
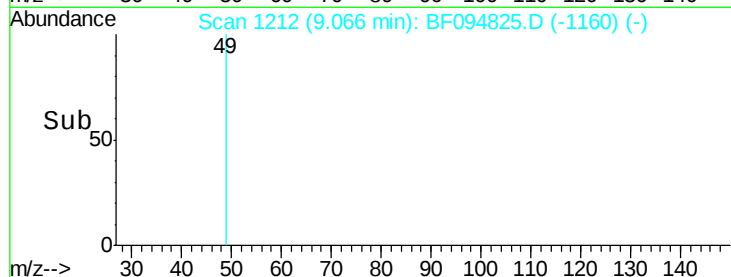
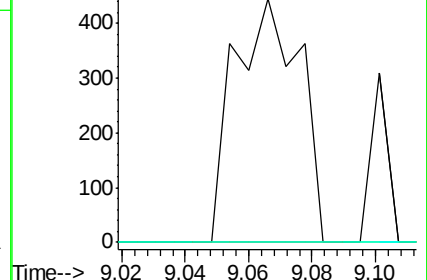
138 0.0 13.1 19.7#



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): E



#27

2,4-Dimethylphenol

Concen: 0.821 ng

RT: 9.35 min Scan# 1260

Delta R.T. 0.04 min

Lab File: BF094825.D

Acq: 3 May 2017 9:24

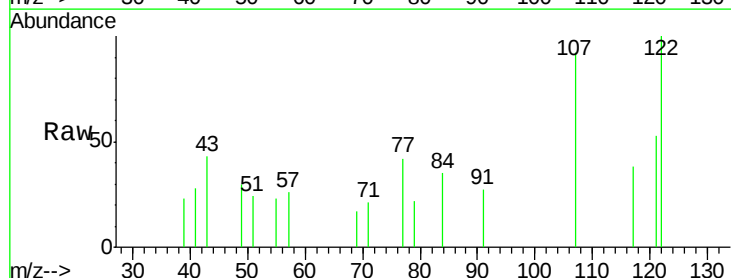
Tgt Ion: 122 Resp: 4366

Ion Ratio Lower Upper

122 100

107 92.2 89.2 133.8

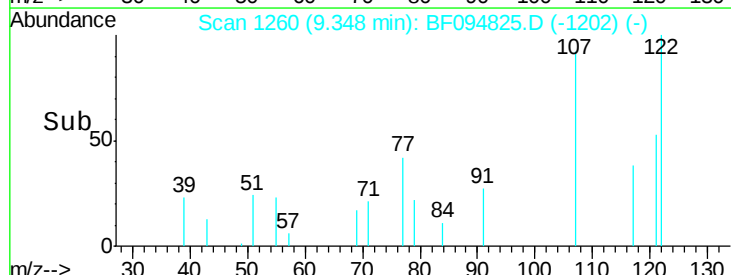
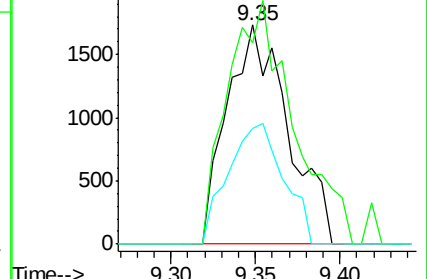
121 53.1 45.2 67.8

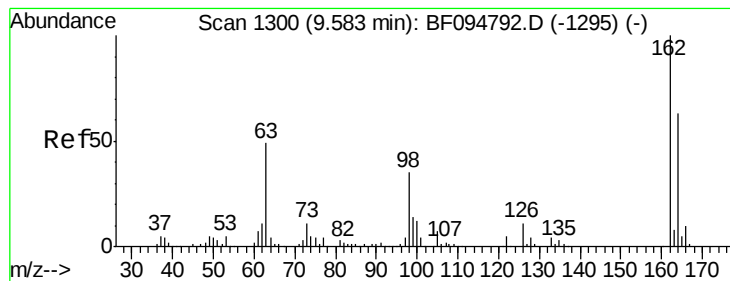


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E





#29

2,4-Dichlorophenol

Concen: 0.029 ng

RT: 9.75 min Scan# 1328

Delta R.T. 0.16 min

Lab File: BF094825.D

Acq: 3 May 2017 9:24

Instrument :

BNA_F

ClientSampleId :

E2-V8-BASE

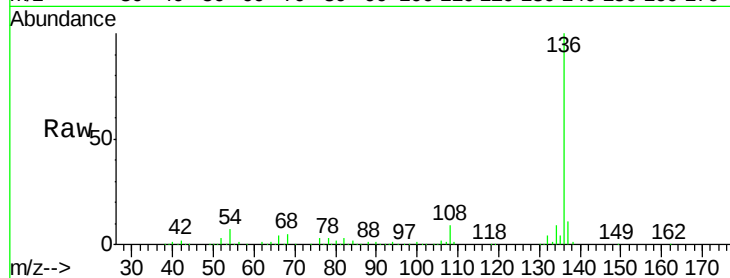
Tgt Ion:162 Resp: 144

Ion Ratio Lower Upper

162 100

164 0.0 44.6 84.6#

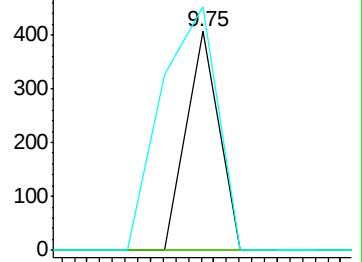
98 111.1 14.8 54.8#



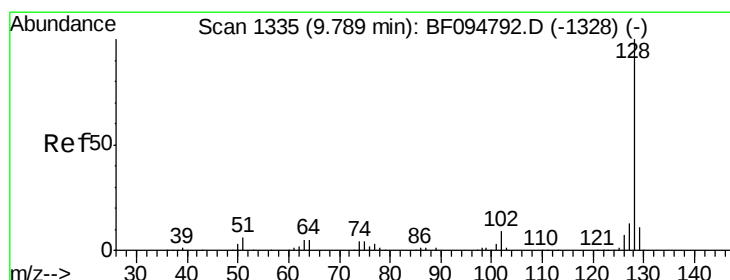
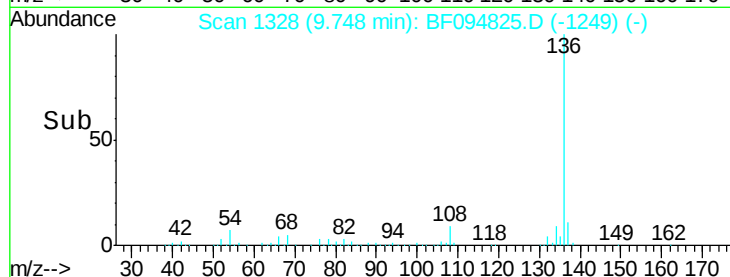
Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



Time-->



#31

Naphthalene

Concen: 1.225 ng

RT: 9.78 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF094825.D

Acq: 3 May 2017 9:24

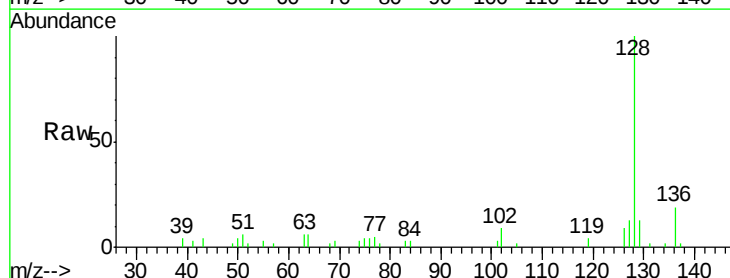
Tgt Ion:128 Resp: 22570

Ion Ratio Lower Upper

128 100

129 13.5 9.0 13.6

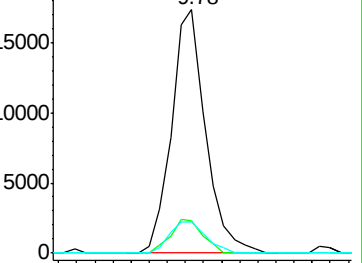
127 12.9 10.8 16.2



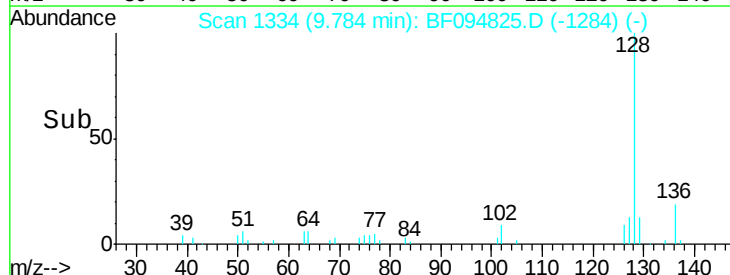
Abundance Ion 128.00 (127.70 to 128.70): E

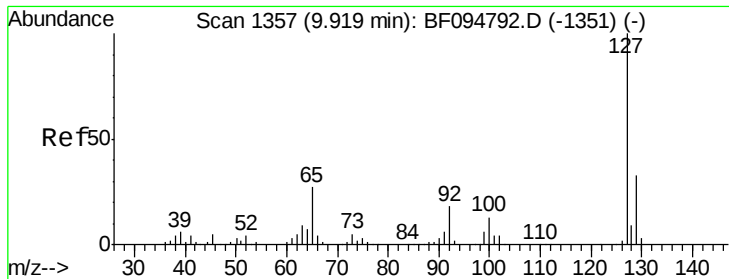
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time-->

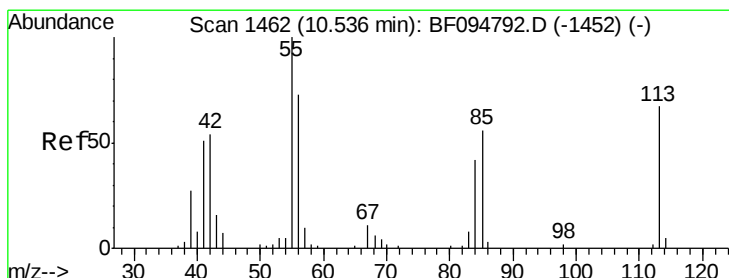
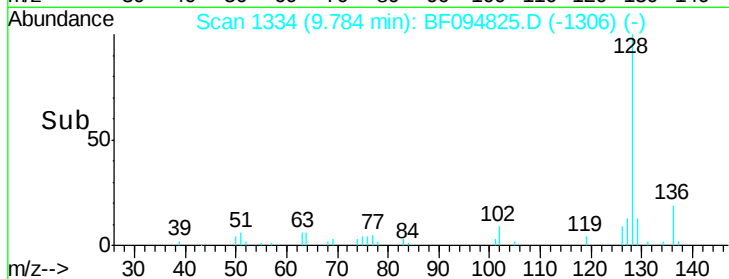
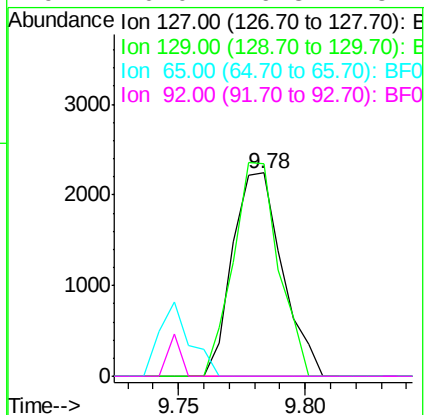
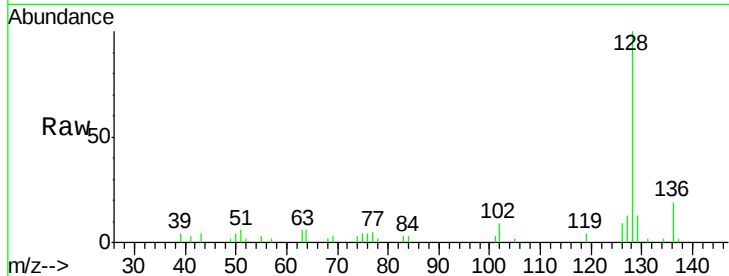




#33
4-Chloroaniline
Concen: 0.445 ng
RT: 9.78 min Scan# 1334
Delta R.T. -0.14 min
Lab File: BF094825.D
Acq: 3 May 2017 9:24

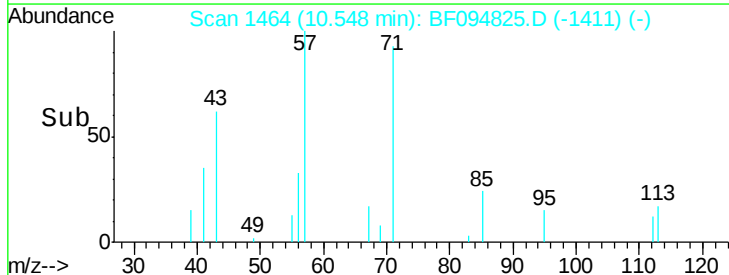
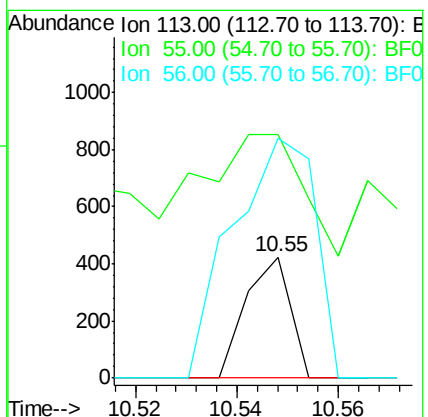
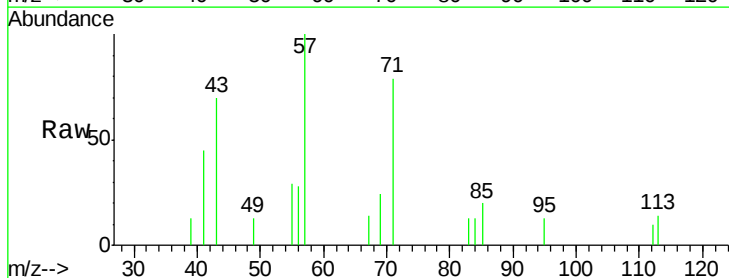
Instrument :
BNA_F
ClientSampleId :
E2-V8-BASE

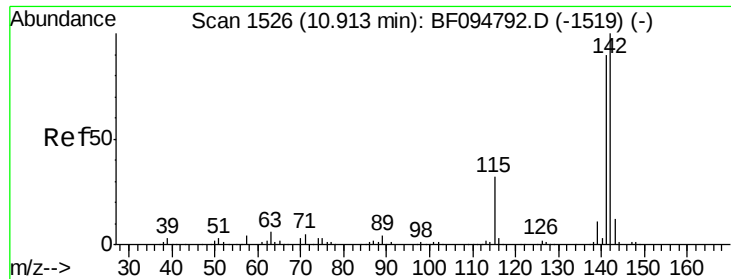
Tgt Ion:	127	Resp:	3057
Ion	Ratio	Lower	Upper
127	100		
129	104.4	26.2	39.2#
65	0.0	27.8	41.8#
92	0.0	16.8	25.2#



#35
Caprolactam
Concen: 0.171 ng
RT: 10.55 min Scan# 1464
Delta R.T. 0.01 min
Lab File: BF094825.D
Acq: 3 May 2017 9:24

Tgt Ion:	113	Resp:	257
Ion	Ratio	Lower	Upper
113	100		
55	201.4	150.2	190.2#
56	198.6	107.8	147.8#

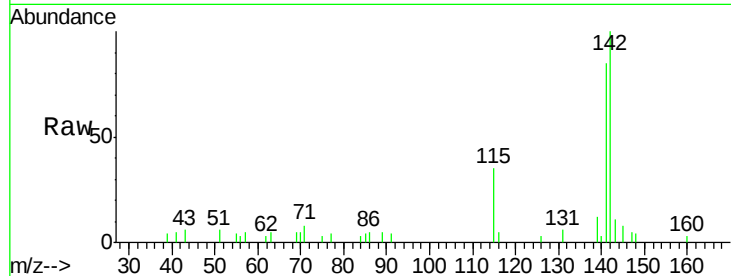




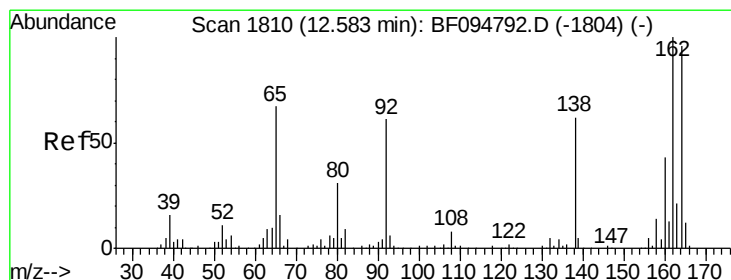
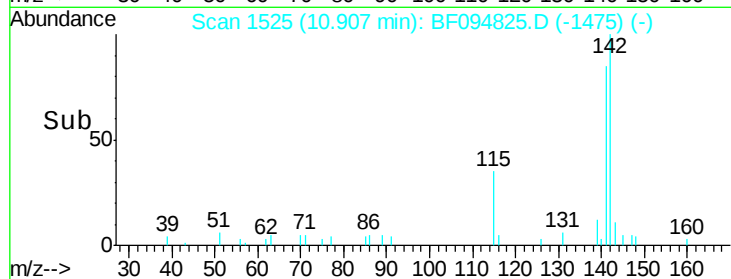
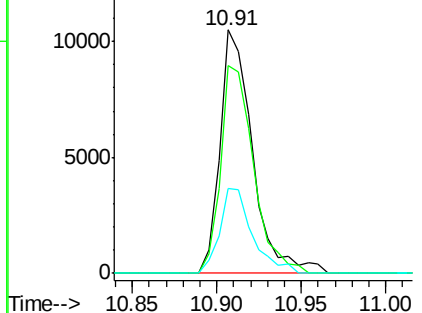
#37
2-Methylnaphthalene
Concen: 1.162 ng
RT: 10.91 min Scan# 1525
Delta R.T. -0.01 min
Lab File: BF094825.D
Acq: 3 May 2017 9:24

Instrument :
BNA_F
ClientSampled :
E2-V8-BASE

Tgt Ion:142 Resp: 14047
Ion Ratio Lower Upper
142 100
141 85.2 71.3 106.9
115 34.6 27.1 40.7

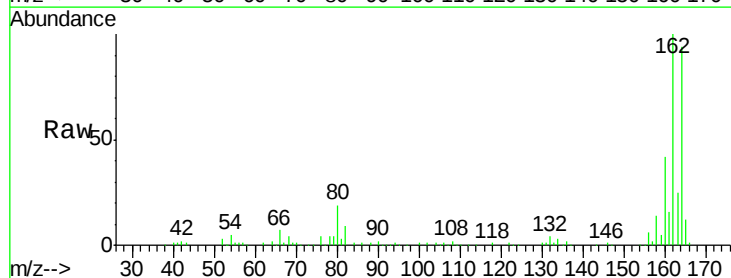


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

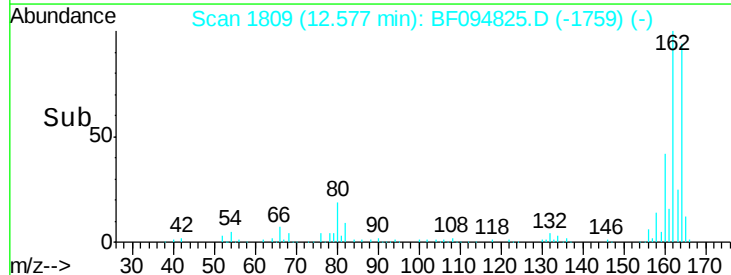
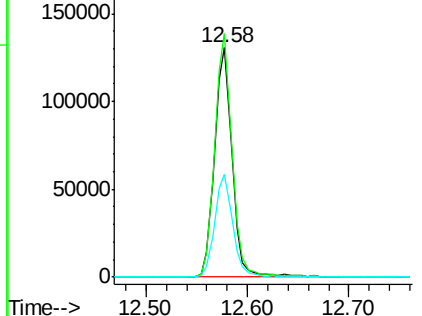


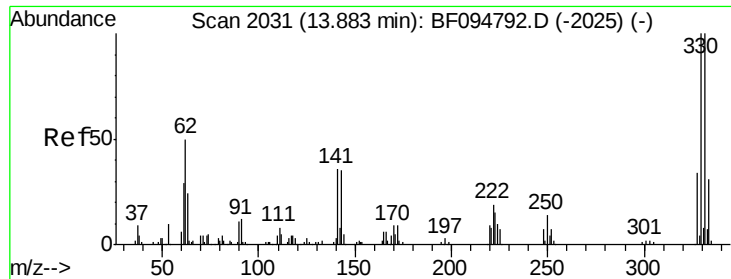
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 12.58 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BF094825.D
Acq: 3 May 2017 9:24

Tgt Ion:164 Resp: 158068
Ion Ratio Lower Upper
164 100
162 106.2 82.6 123.8
160 45.0 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

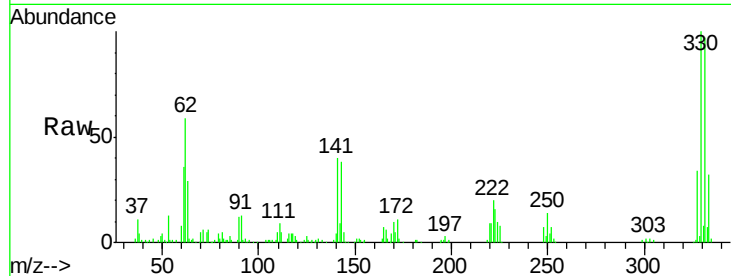




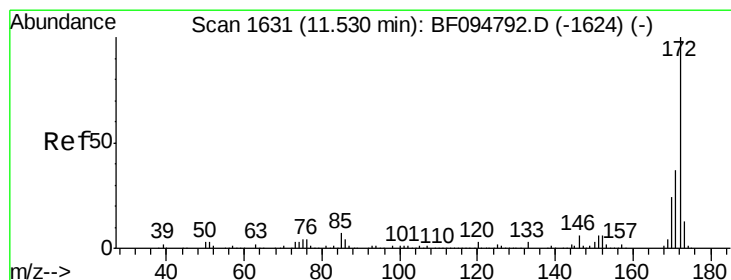
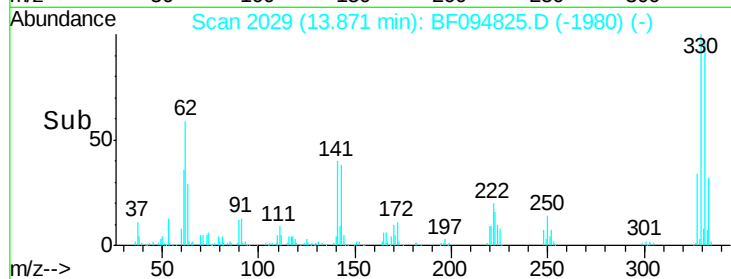
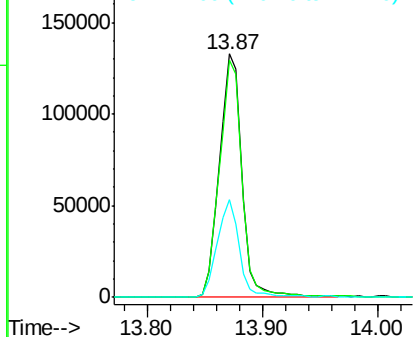
#41
 2,4,6-Tribromophenol
 Concen: 139.433 ng
 RT: 13.87 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF094825.D
 Acq: 3 May 2017 9:24

Instrument :
 BNA_F
 ClientSampleId :
 E2-V8-BASE

Tgt Ion: 330 Resp: 180500
 Ion Ratio Lower Upper
 330 100
 332 98.2 76.6 115.0
 141 39.7 31.4 47.2

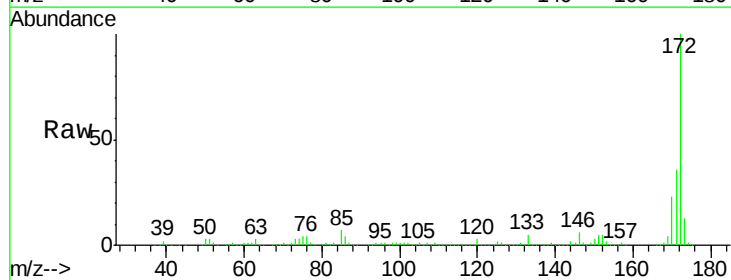


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

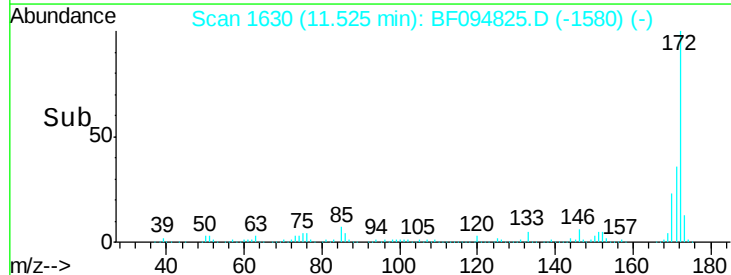
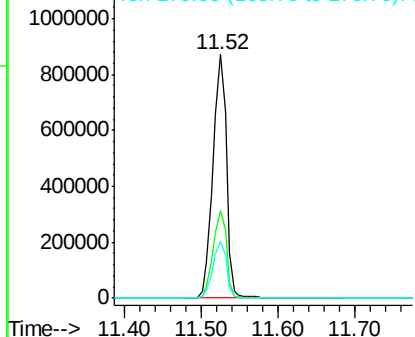


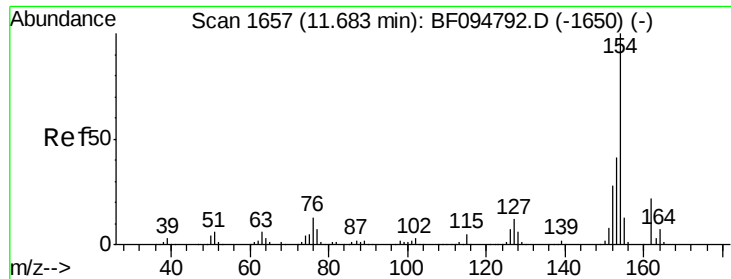
#44
 2-Fluorobiphenyl
 Concen: 95.574 ng
 RT: 11.52 min Scan# 1630
 Delta R.T. -0.01 min
 Lab File: BF094825.D
 Acq: 3 May 2017 9:24

Tgt Ion: 172 Resp: 1049589
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.6 44.4
 170 23.5 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

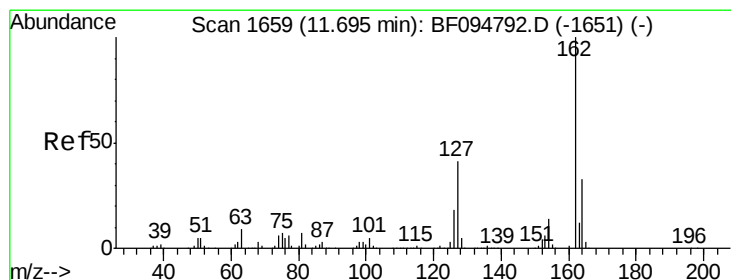
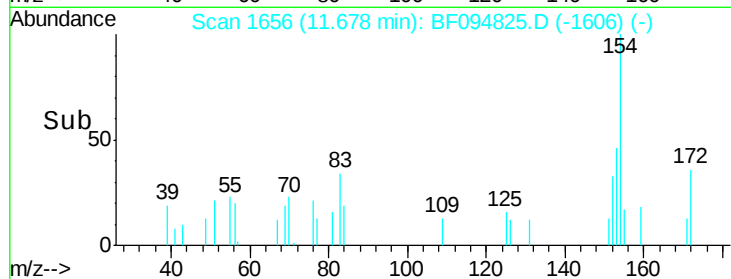
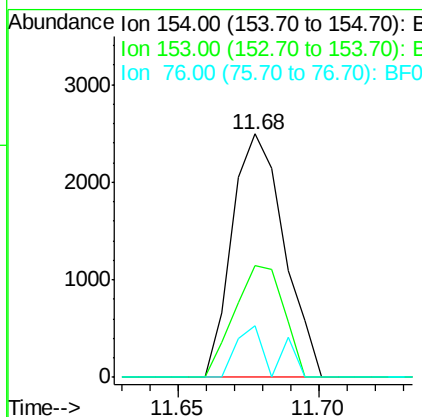
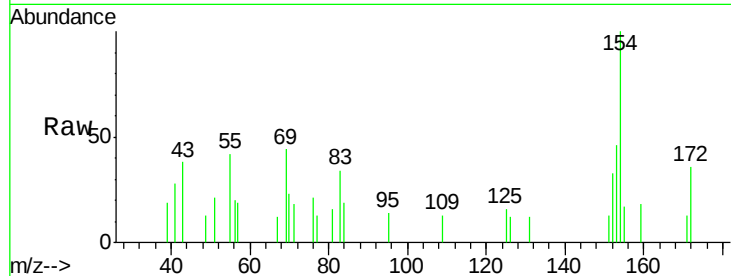




#45
 1,1'-Biphenyl
 Concen: 0.239 ng
 RT: 11.68 min Scan# 1656
 Delta R.T. -0.01 min
 Lab File: BF094825.D
 Acq: 3 May 2017 9:24

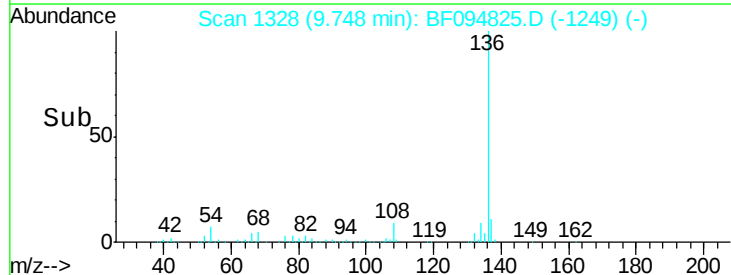
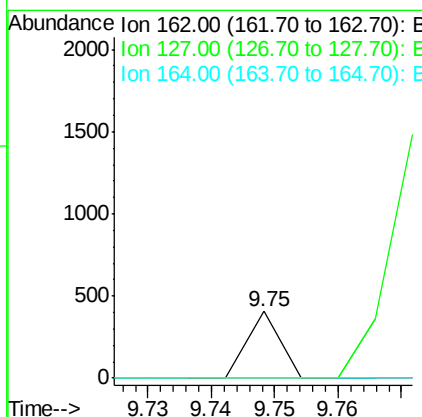
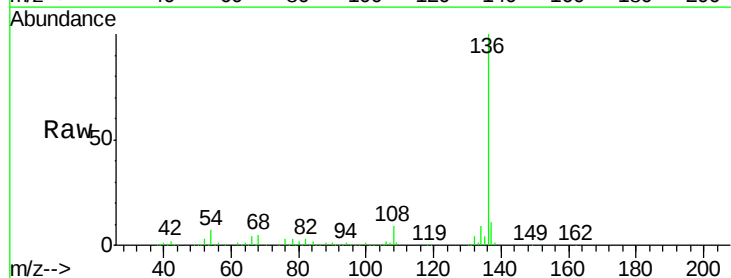
Instrument :
 BNA_F
 ClientSampleId :
 E2-V8-BASE

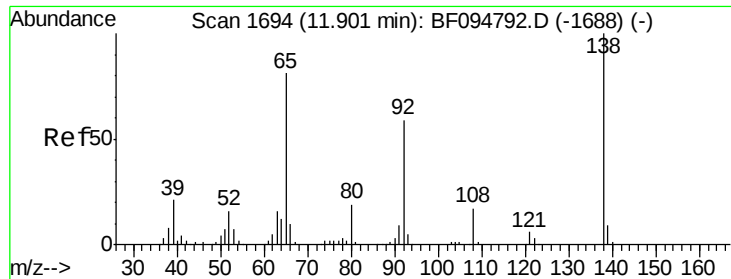
Tgt Ion:154 Resp: 3180
 Ion Ratio Lower Upper
 154 100
 153 45.7 21.2 61.2
 76 21.1 0.0 29.9



#46
 2-Chloronaphthalene
 Concen: 0.030 ng
 RT: 9.75 min Scan# 1328
 Delta R.T. 0.16 min
 Lab File: BF094825.D
 Acq: 3 May 2017 9:24

Tgt Ion:162 Resp: 144
 Ion Ratio Lower Upper
 162 100
 127 0.0 28.3 42.5#
 164 0.0 27.0 40.4#

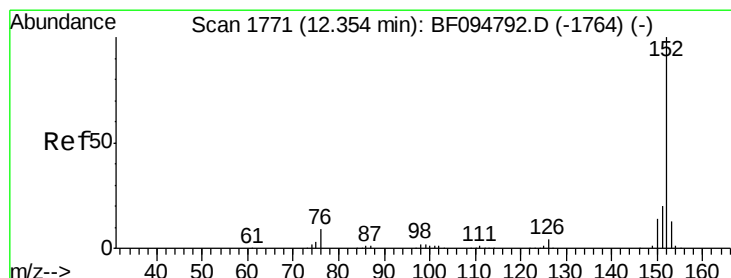
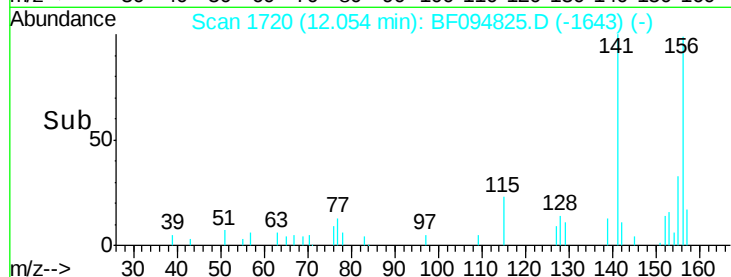
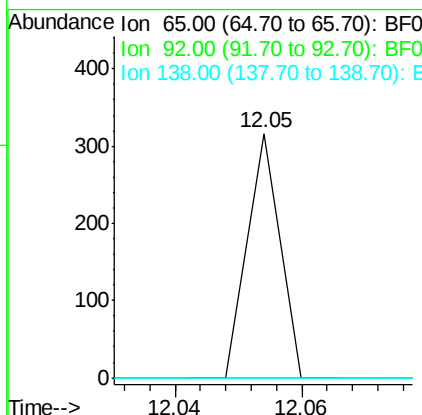
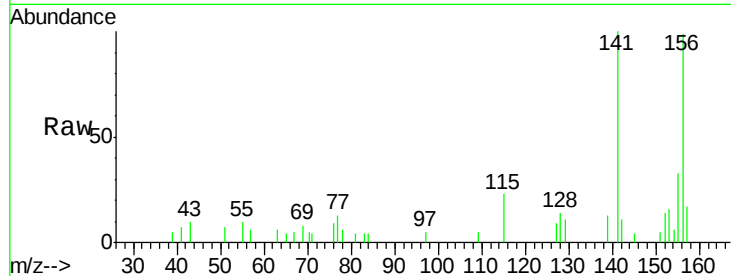




#47
 2-Nitroaniline
 Concen: 0.038 ng
 RT: 12.05 min Scan# 1720
 Delta R.T. 0.15 min
 Lab File: BF094825.D
 Acq: 3 May 2017 9:24

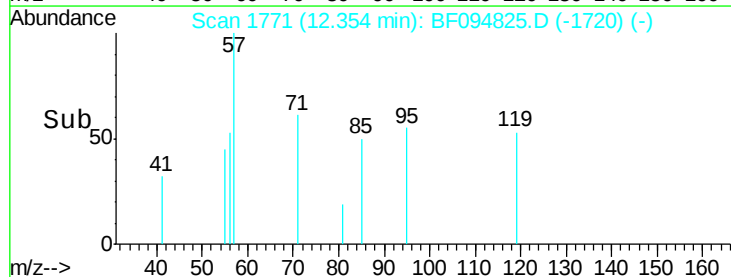
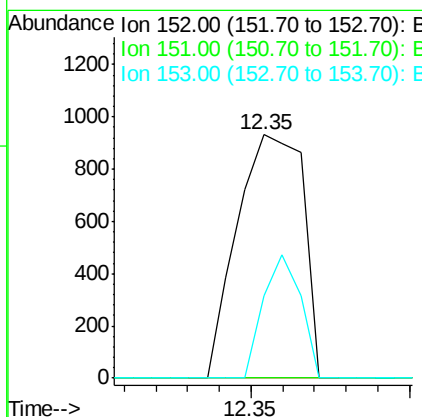
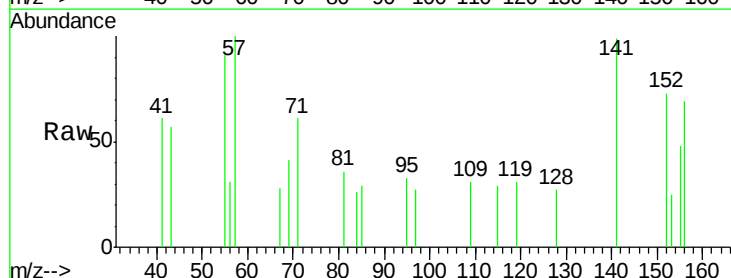
Instrument :
 BNA_F
 ClientSampleId :
 E2-V8-BASE

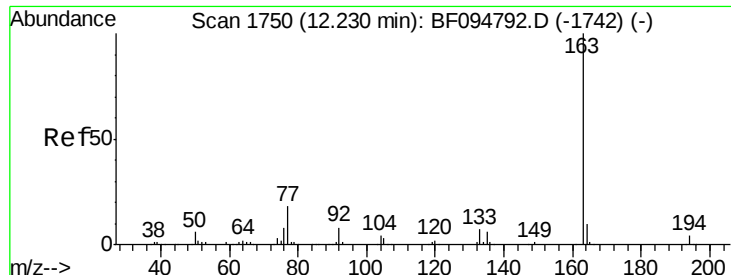
Tgt Ion: 65 Resp: 112
 Ion Ratio Lower Upper
 65 100
 92 0.0 53.9 80.9#
 138 0.0 78.8 118.2#



#48
 Acenaphthylene
 Concen: 0.080 ng
 RT: 12.35 min Scan# 1771
 Delta R.T. 0.00 min
 Lab File: BF094825.D
 Acq: 3 May 2017 9:24

Tgt Ion: 152 Resp: 1341
 Ion Ratio Lower Upper
 152 100
 151 0.0 16.8 25.2#
 153 33.8 10.8 16.2#





#49

Dimethylphthalate

Concen: 7.839 ng

RT: 12.21 min Scan# 1746

Delta R.T. -0.02 min

Lab File: BF094825.D

Acq: 3 May 2017 9:24

Instrument :

BNA_F

ClientSampleId :

E2-V8-BASE

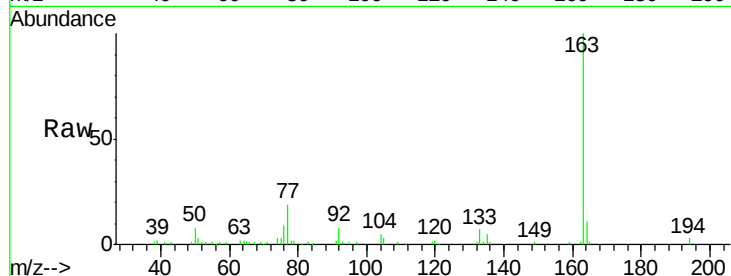
Tgt Ion:163 Resp: 101726

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

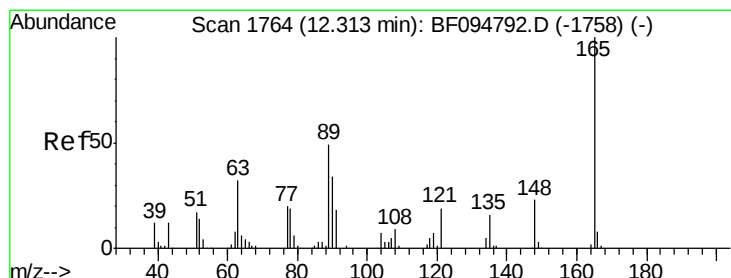
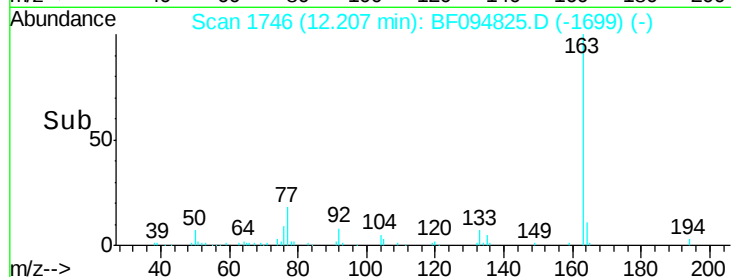
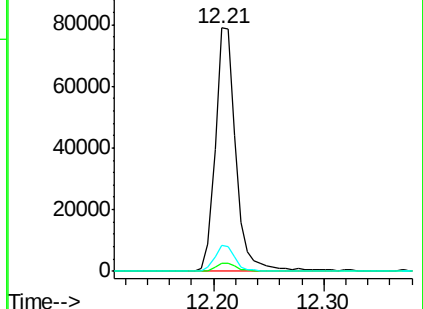
164 10.6 8.4 12.6



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: 0.351 ng

RT: 12.21 min Scan# 1746

Delta R.T. -0.11 min

Lab File: BF094825.D

Acq: 3 May 2017 9:24

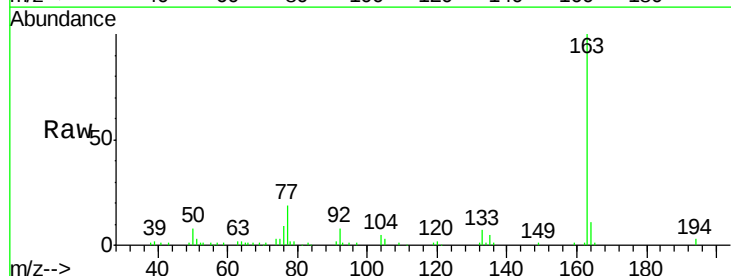
Tgt Ion:165 Resp: 929

Ion Ratio Lower Upper

165 100

63 129.3 34.3 51.5#

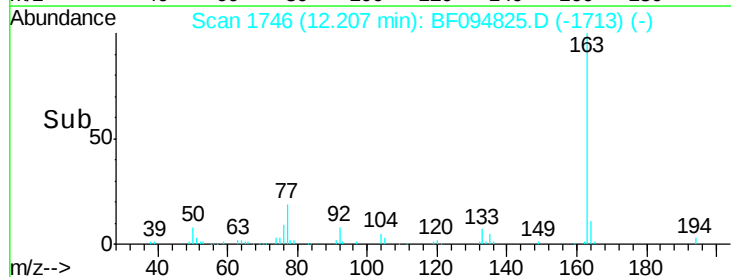
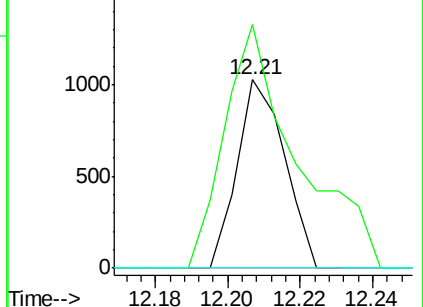
89 0.0 37.1 55.7#

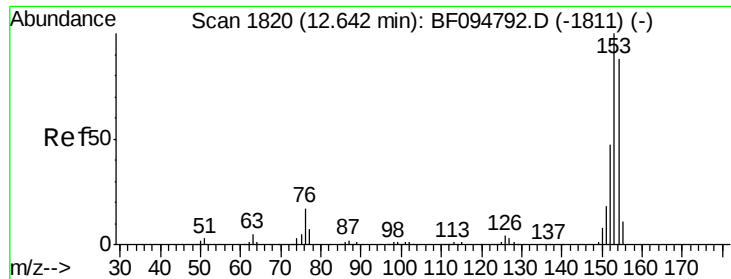


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 0.239 ng

RT: 11.68 min Scan# 1656

Delta R.T. -0.01 min

Lab File: BF094825.D

Acq: 3 May 2017 9:24

Instrument :

BNA_F

ClientSampleId :

E2-V8-BASE

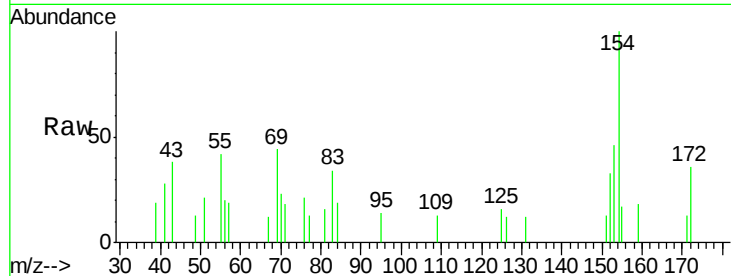
Tgt Ion:154 Resp: 3180

Ion Ratio Lower Upper

154 100

153 45.7 90.5 135.7#

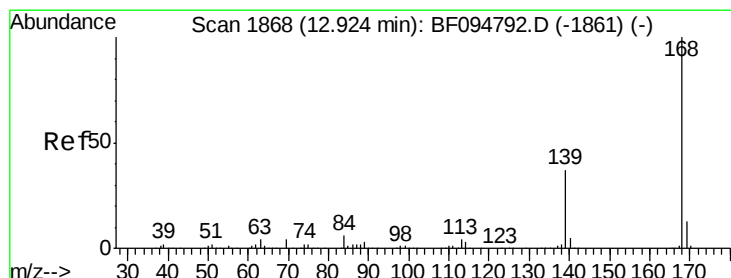
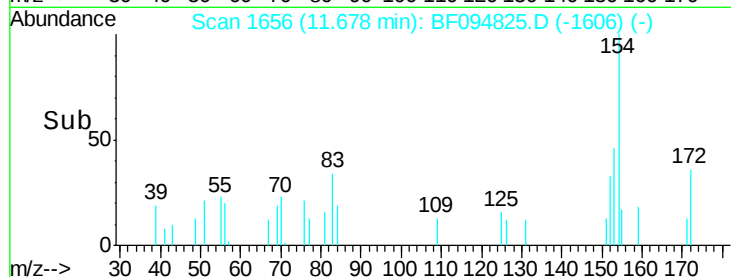
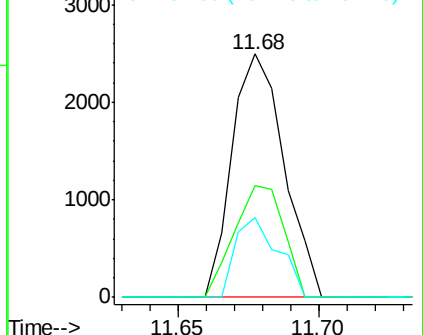
152 32.9 43.6 65.4#



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: 0.612 ng

RT: 12.92 min Scan# 1868

Delta R.T. 0.00 min

Lab File: BF094825.D

Acq: 3 May 2017 9:24

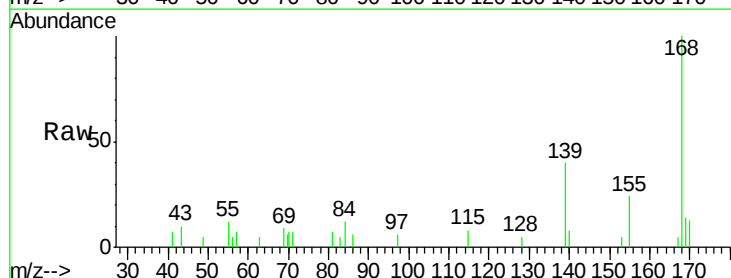
Tgt Ion:168 Resp: 8509

Ion Ratio Lower Upper

168 100

139 40.0 30.6 45.8

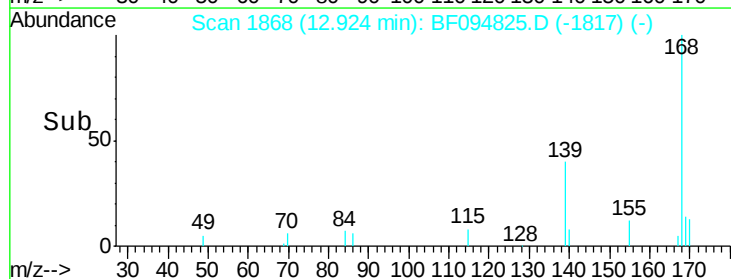
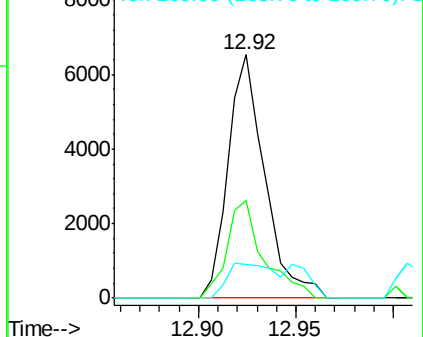
169 13.9 10.8 16.2

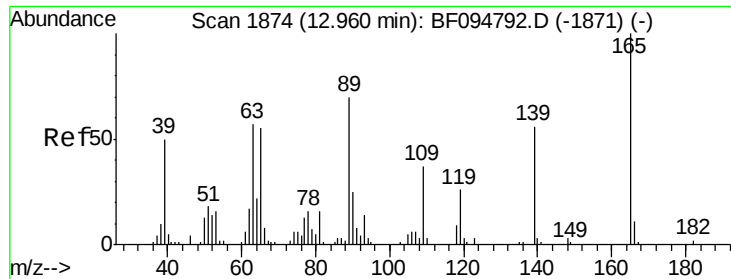


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

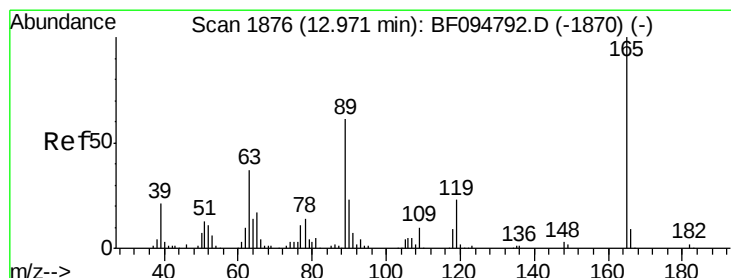
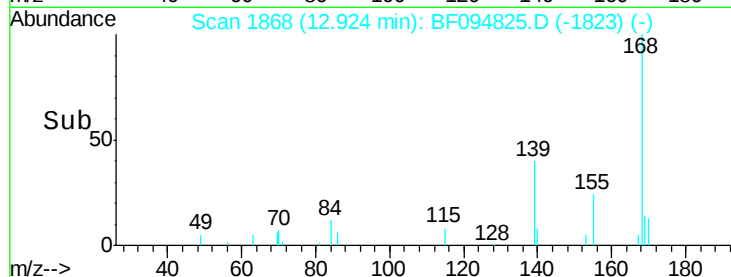
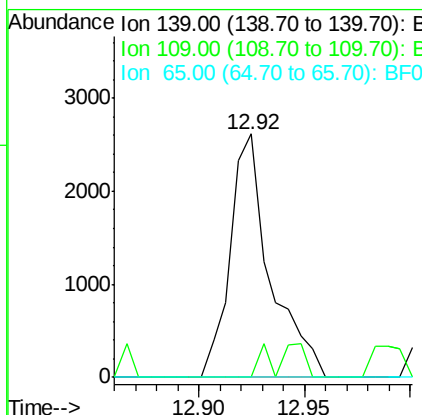
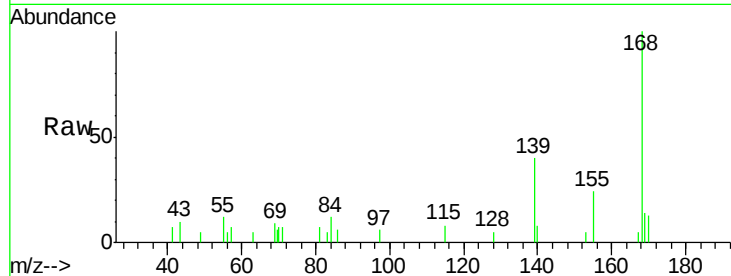




#55
4-Nitrophenol
Concen: 1.999 ng
RT: 12.92 min Scan# 1868
Delta R.T. -0.04 min
Lab File: BF094825.D
Acq: 3 May 2017 9:24

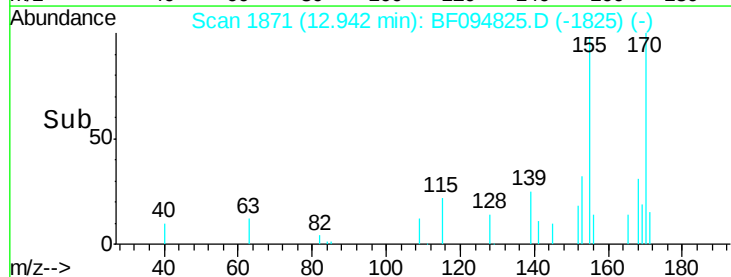
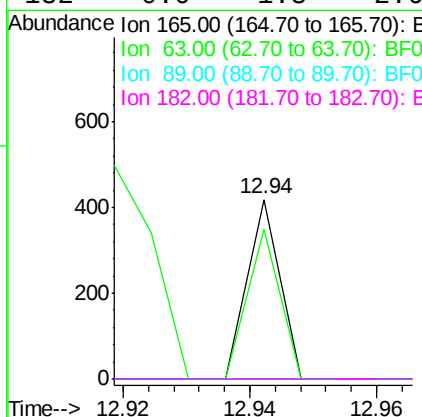
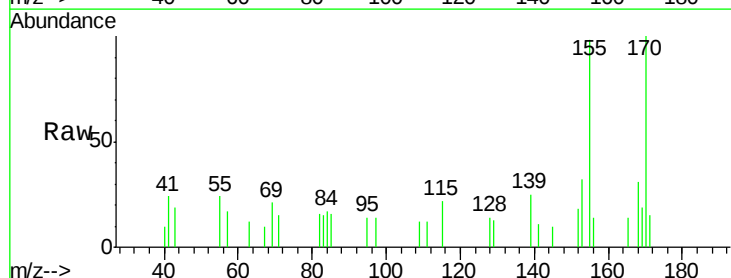
Instrument :
BNA_F
ClientSampleId :
E2-V8-BASE

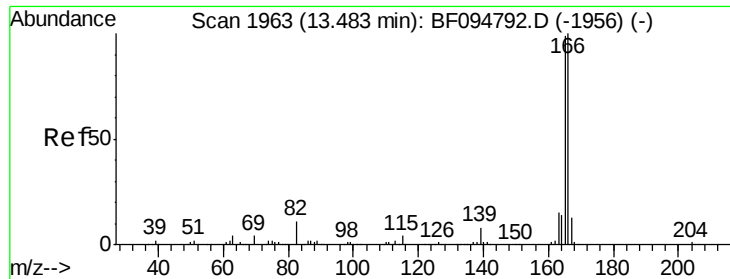
Tgt Ion:139 Resp: 3412
Ion Ratio Lower Upper
139 100
109 0.0 34.1 74.1#
65 0.0 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 0.044 ng
RT: 12.94 min Scan# 1871
Delta R.T. -0.03 min
Lab File: BF094825.D
Acq: 3 May 2017 9:24

Tgt Ion:165 Resp: 148
Ion Ratio Lower Upper
165 100
63 83.3 25.4 38.0#
89 0.0 46.4 69.6#
182 0.0 1.8 2.6#

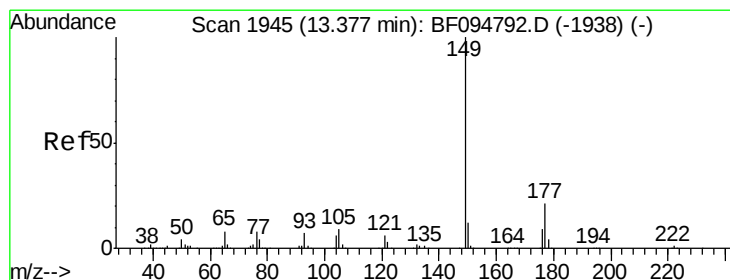
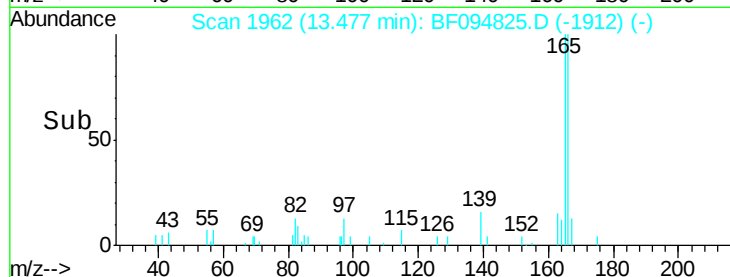
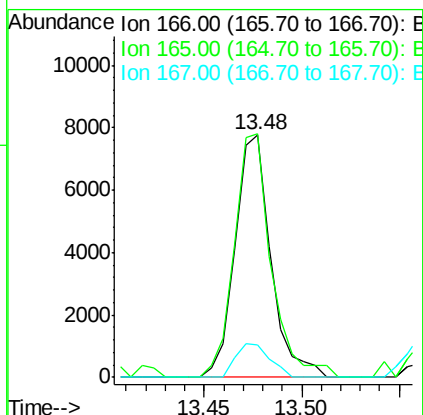
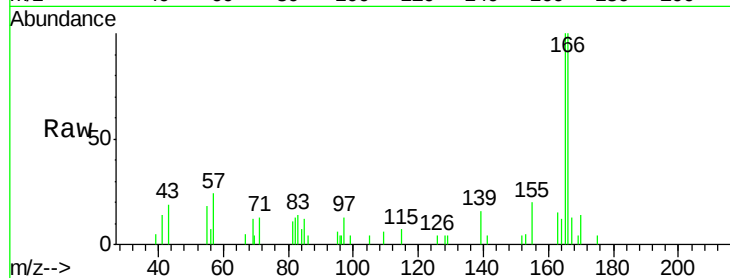




#57
 Fluorene
 Concen: 0.817 ng
 RT: 13.48 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: BF094825.D
 Acq: 3 May 2017 9:24

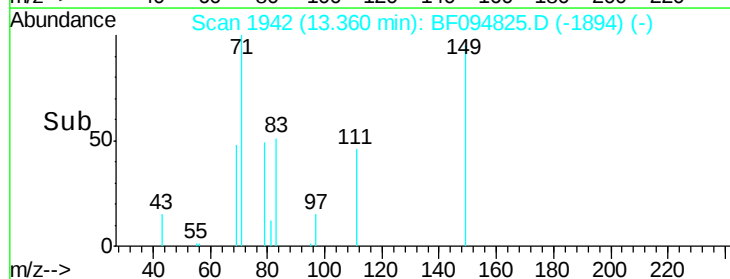
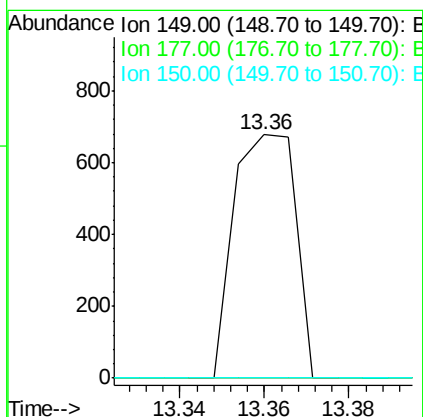
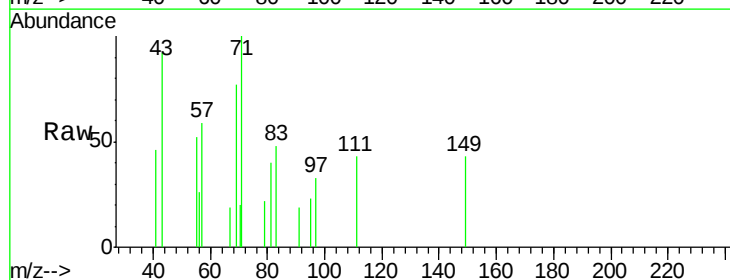
Instrument :
 BNA_F
 ClientSampleId :
 E2-V8-BASE

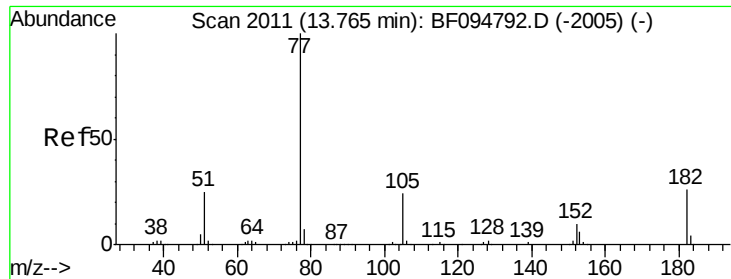
Tgt Ion:166 Resp: 9886
 Ion Ratio Lower Upper
 166 100
 165 100.3 78.8 118.2
 167 13.5 10.6 16.0



#59
 Diethylphthalate
 Concen: 0.055 ng
 RT: 13.36 min Scan# 1942
 Delta R.T. -0.02 min
 Lab File: BF094825.D
 Acq: 3 May 2017 9:24

Tgt Ion:149 Resp: 687
 Ion Ratio Lower Upper
 149 100
 177 0.0 16.7 25.1#
 150 0.0 10.2 15.2#

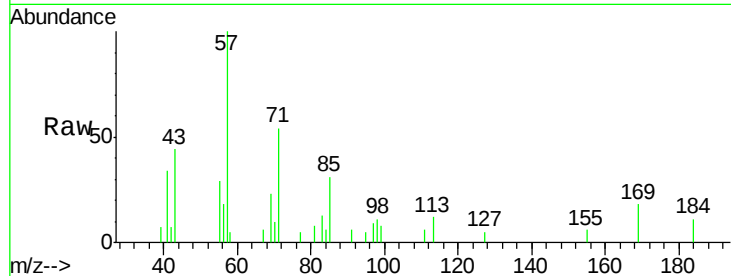




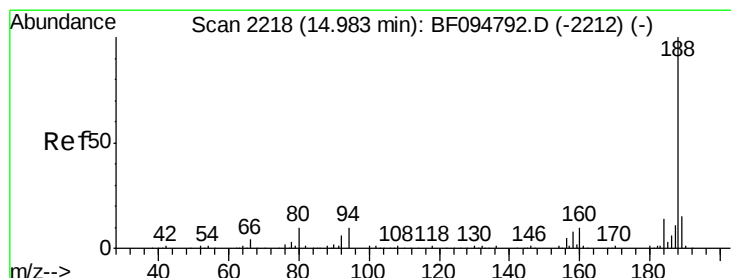
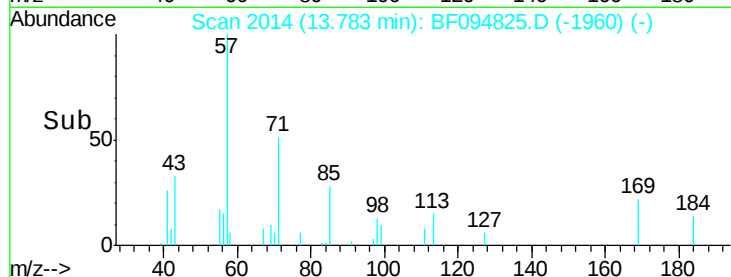
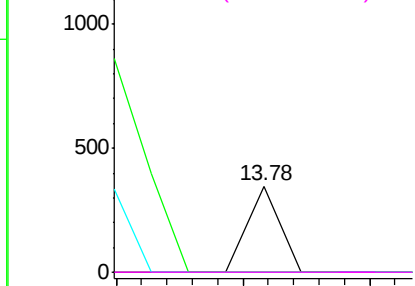
#62
Azobenzene
Concen: 0.012 ng
RT: 13.78 min Scan# 2014
Delta R.T. 0.02 min
Lab File: BF094825.D
Acq: 3 May 2017 9:24

Instrument :
BNA_F
ClientSampleId :
E2-V8-BASE

Tgt Ion: 77 Resp: 122
Ion Ratio Lower Upper
77 100
182 0.0 0.1 40.1#
105 0.0 3.6 43.6#
51 0.0 9.4 49.4#

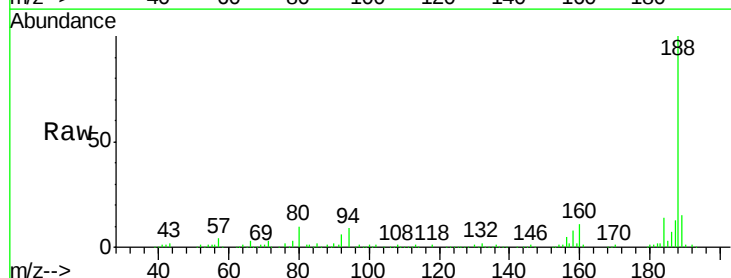


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

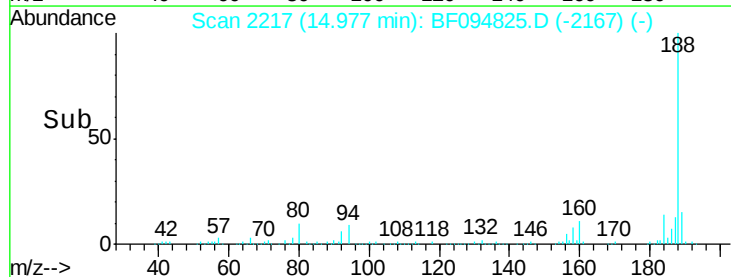
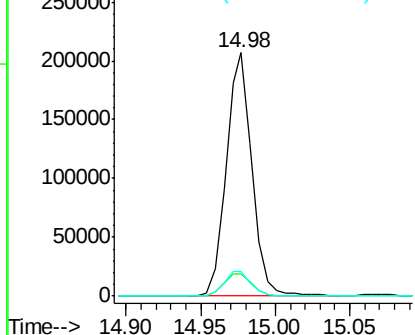


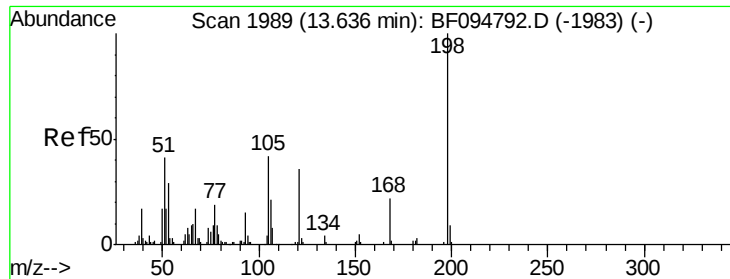
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 14.98 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF094825.D
Acq: 3 May 2017 9:24

Tgt Ion: 188 Resp: 249685
Ion Ratio Lower Upper
188 100
94 9.3 9.4 14.2#
80 10.0 10.2 15.2#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

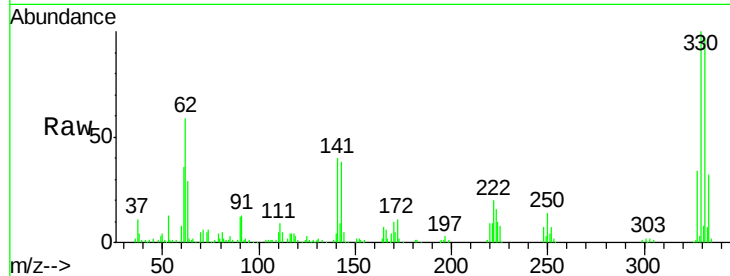




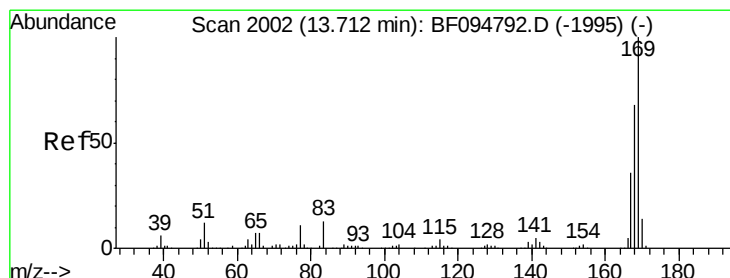
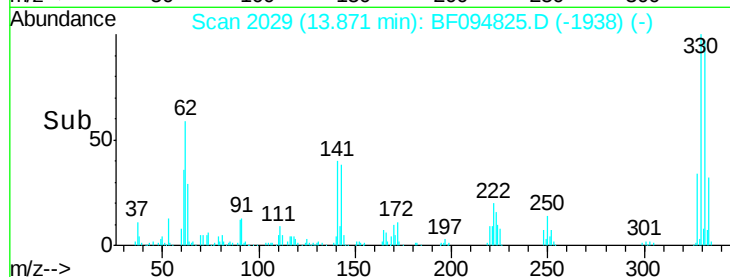
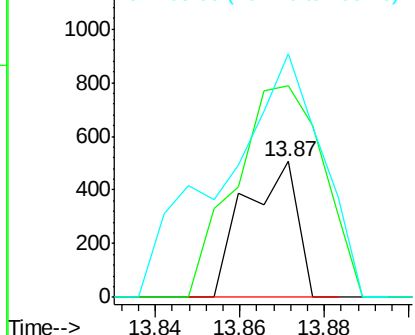
#64
 4,6-Dinitro-2-methylphenol
 Concen: 0.261 ng
 RT: 13.87 min Scan# 2029
 Delta R.T. 0.24 min
 Lab File: BF094825.D
 Acq: 3 May 2017 9:24

Instrument :
 BNA_F
 ClientSampleId :
 E2-V8-BASE

Tgt Ion:198 Resp: 437
 Ion Ratio Lower Upper
 198 100
 51 156.0 53.2 93.2#
 105 179.6 45.8 85.8#

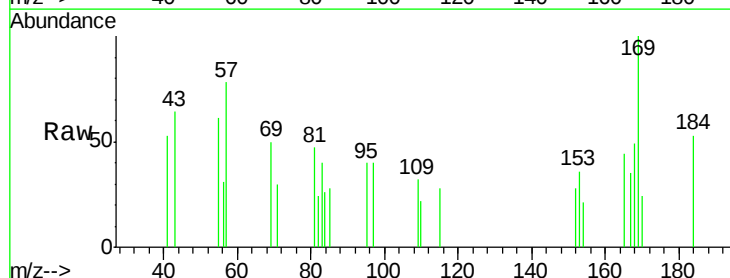


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

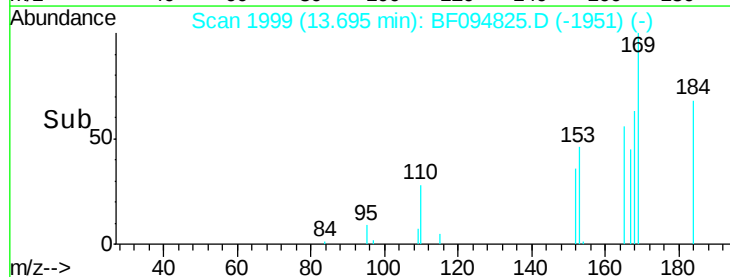
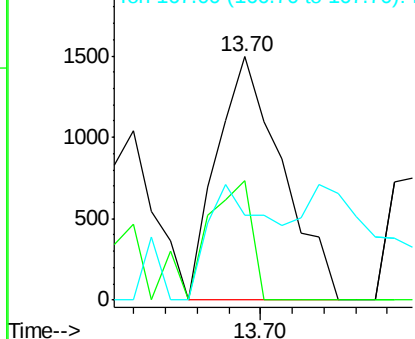


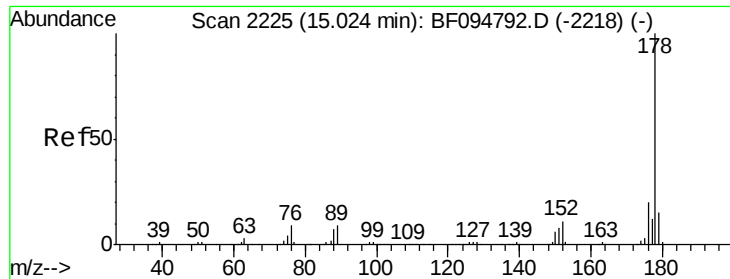
#65
 n-Nitrosodiphenylamine
 Concen: 0.236 ng
 RT: 13.70 min Scan# 1999
 Delta R.T. -0.02 min
 Lab File: BF094825.D
 Acq: 3 May 2017 9:24

Tgt Ion:169 Resp: 2136
 Ion Ratio Lower Upper
 169 100
 168 49.1 53.2 79.8#
 167 34.9 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

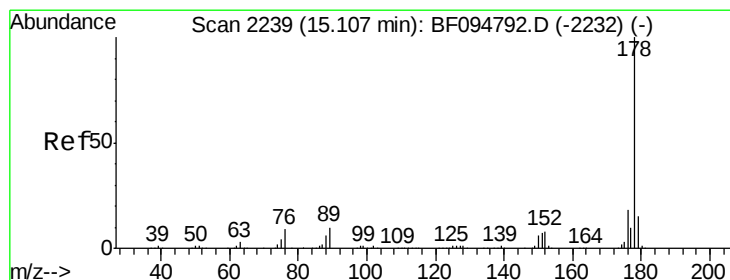
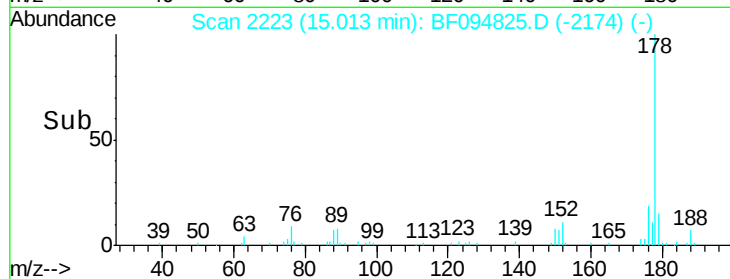
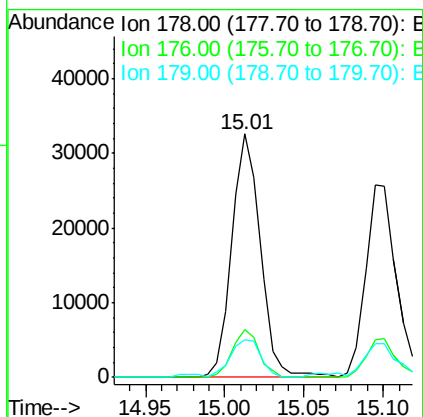
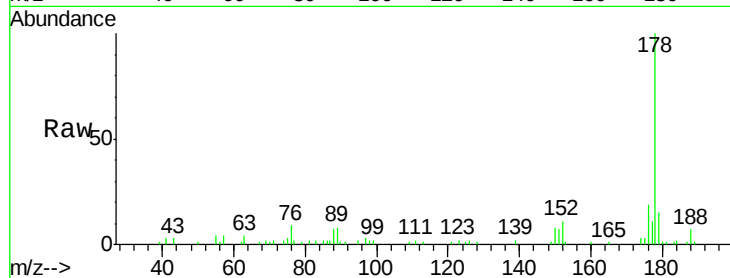




#70
 Phenanthrene
 Concen: 2.842 ng
 RT: 15.01 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BF094825.D
 Acq: 3 May 2017 9:24

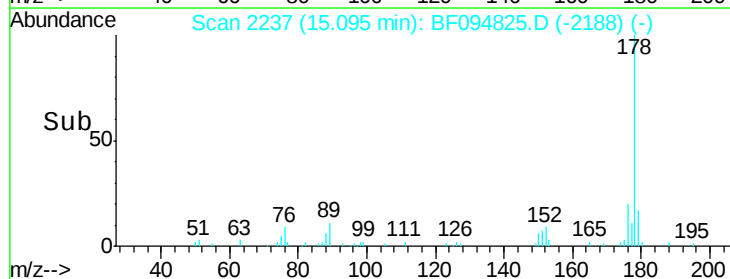
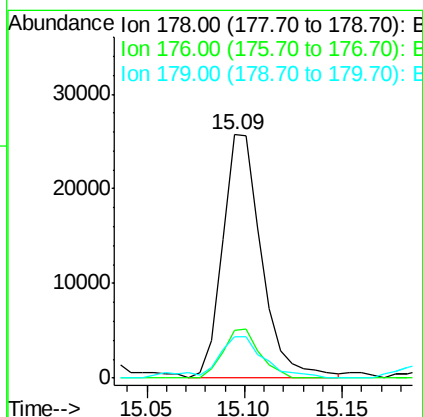
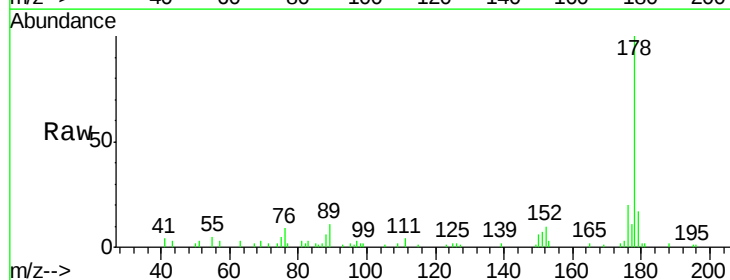
Instrument :
 BNA_F
 ClientSampleId :
 E2-V8-BASE

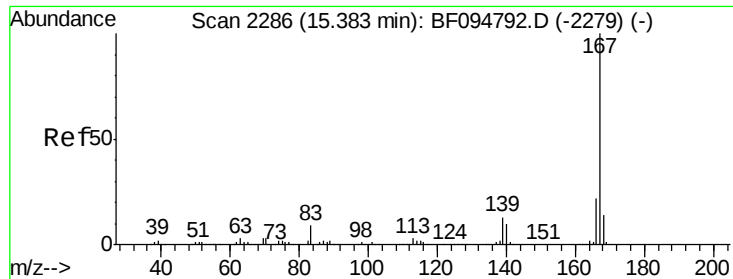
Tgt Ion:178 Resp: 40765
 Ion Ratio Lower Upper
 178 100
 176 19.5 16.2 24.4
 179 15.3 12.6 19.0



#71
 Anthracene
 Concen: 2.428 ng
 RT: 15.09 min Scan# 2237
 Delta R.T. -0.01 min
 Lab File: BF094825.D
 Acq: 3 May 2017 9:24

Tgt Ion:178 Resp: 35575
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.8 23.8
 179 17.2 12.7 19.1

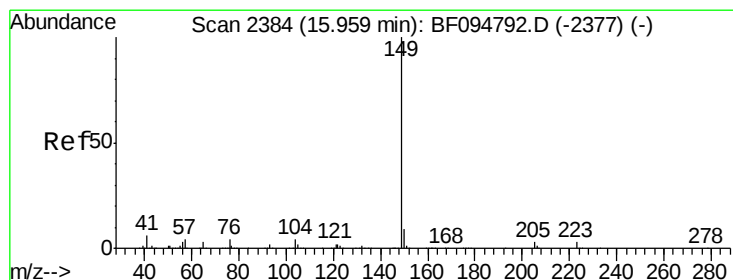
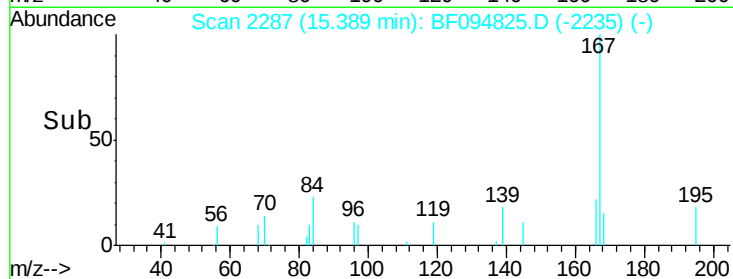
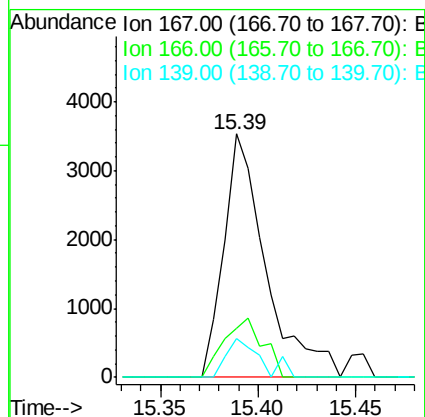
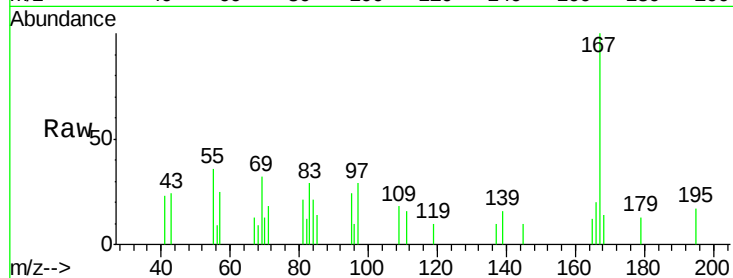




#72
 Carbazole
 Concen: 0.396 ng
 RT: 15.39 min Scan# 2287
 Delta R.T. 0.01 min
 Lab File: BF094825.D
 Acq: 3 May 2017 9:24

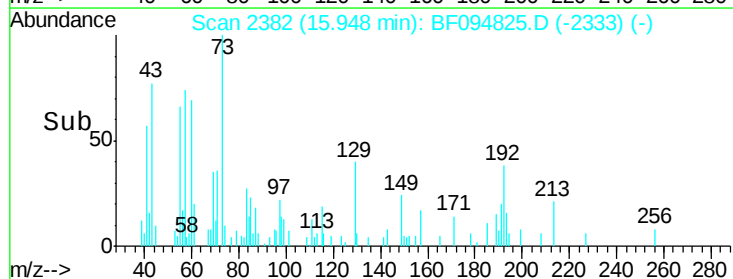
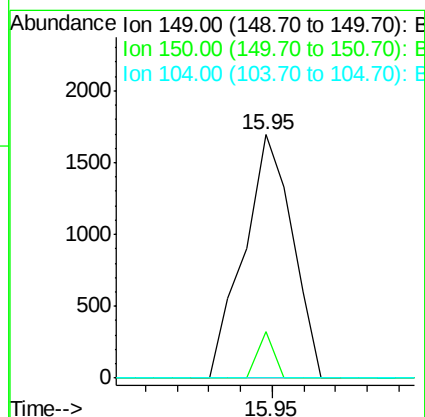
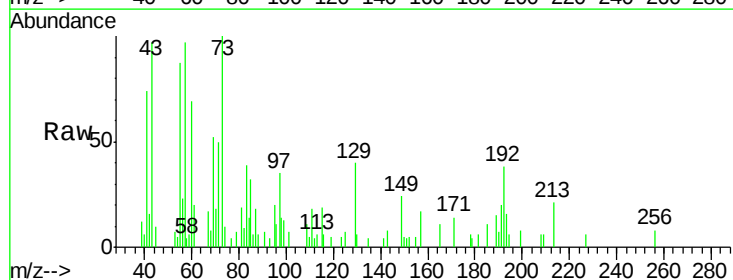
Instrument :
 BNA_F
 ClientSampleId :
 E2-V8-BASE

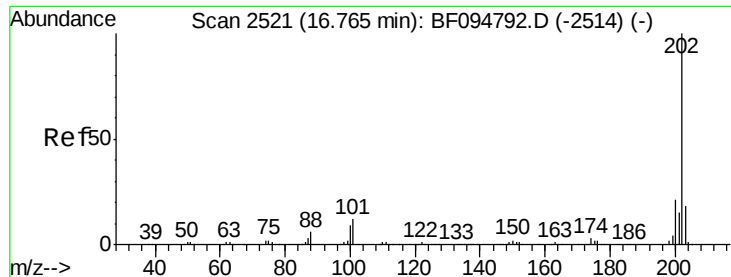
Tgt Ion:167 Resp: 5278
 Ion Ratio Lower Upper
 167 100
 166 20.2 18.1 27.1
 139 16.2 11.7 17.5



#73
 Di-n-butylphthalate
 Concen: 0.108 ng
 RT: 15.95 min Scan# 2382
 Delta R.T. -0.01 min
 Lab File: BF094825.D
 Acq: 3 May 2017 9:24

Tgt Ion:149 Resp: 1793
 Ion Ratio Lower Upper
 149 100
 150 19.2 7.7 11.5#
 104 0.0 4.0 6.0#

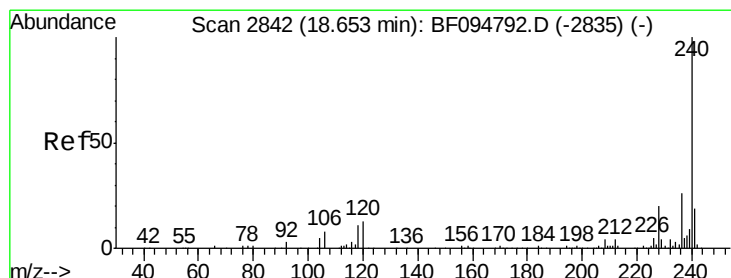
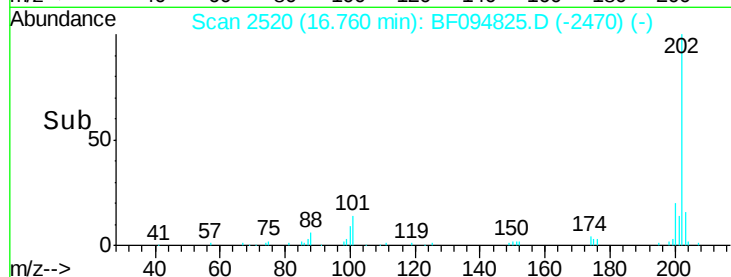
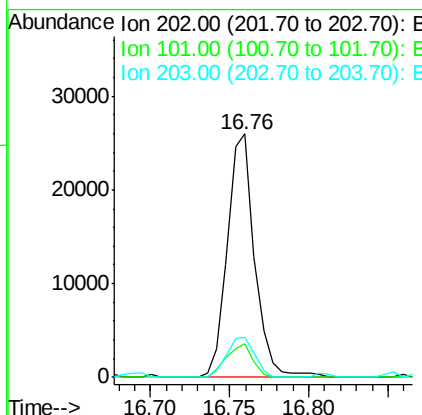
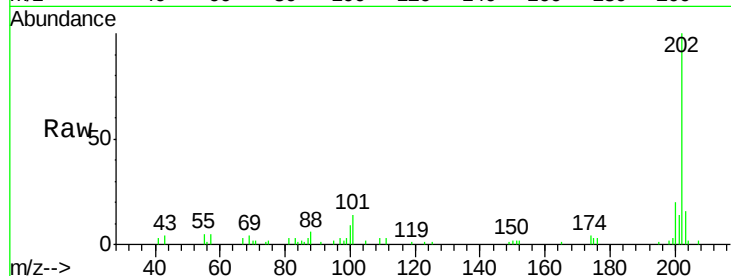




#74
Fluoranthene
Concen: 2.110 ng
RT: 16.76 min Scan# 2520
Delta R.T. -0.01 min
Lab File: BF094825.D
Acq: 3 May 2017 9:24

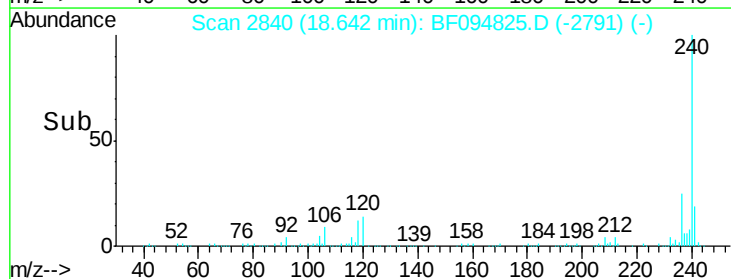
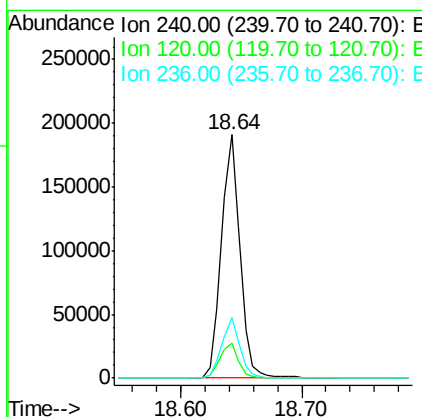
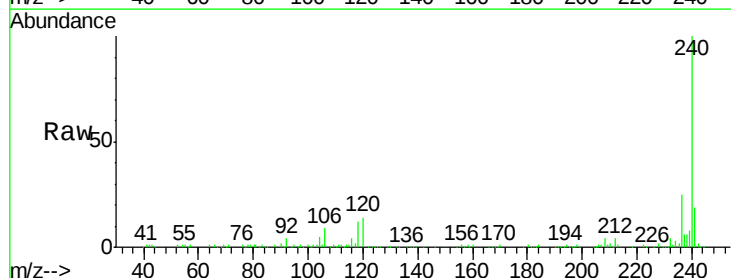
Instrument :
BNA_F
ClientSampleId :
E2-V8-BASE

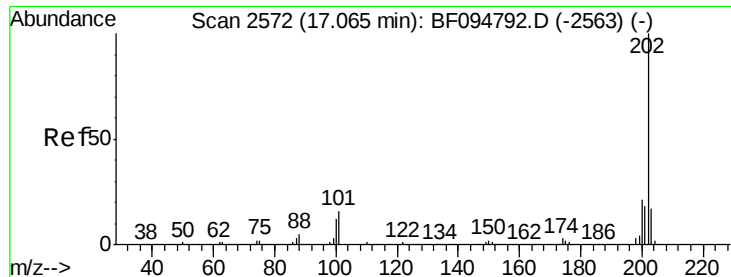
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	31056		
101	13.8		0.0	33.2
203	16.4		0.0	38.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 18.64 min Scan# 2840
Delta R.T. -0.01 min
Lab File: BF094825.D
Acq: 3 May 2017 9:24

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	203219		
120	14.4		5.8	8.8#
236	24.9		20.5	30.7

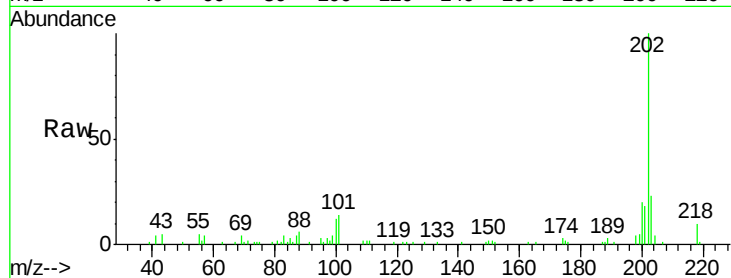




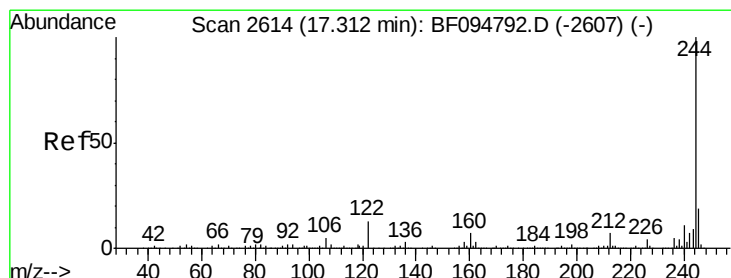
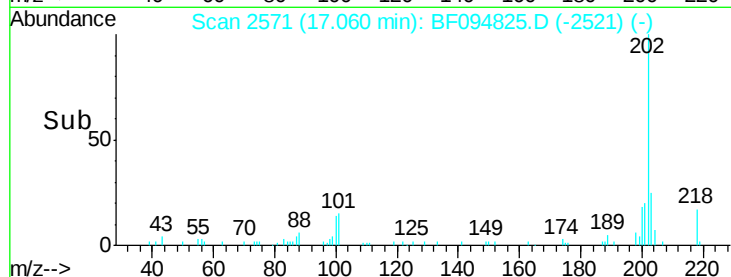
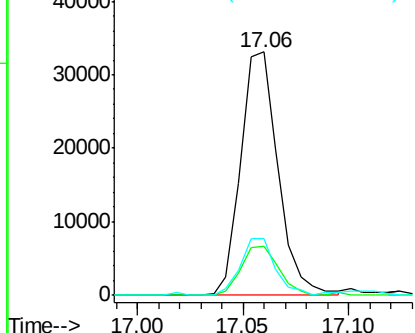
#77
 Pyrene
 Concen: 2.669 ng
 RT: 17.06 min Scan# 2571
 Delta R.T. -0.01 min
 Lab File: BF094825.D
 Acq: 3 May 2017 9:24

Instrument :
 BNA_F
 ClientSampleId :
 E2-V8-BASE

Tgt Ion: 202 Resp: 40572
 Ion Ratio Lower Upper
 202 100
 200 20.0 17.6 26.4
 203 23.4 14.4 21.6#

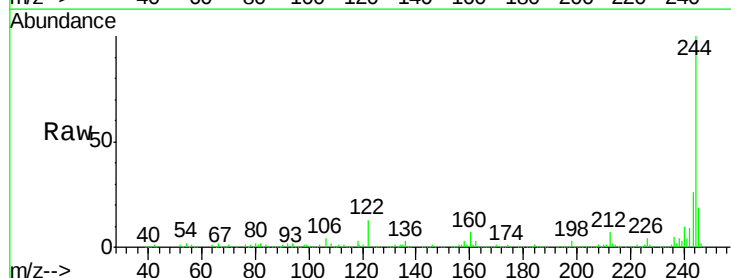


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

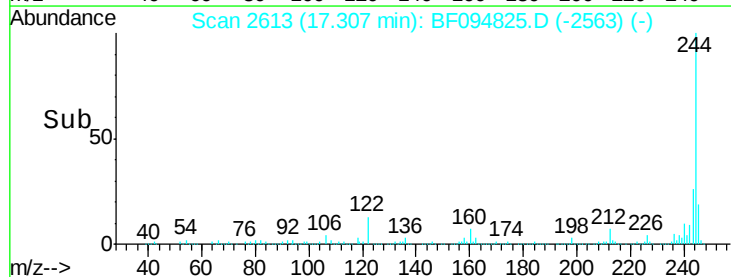
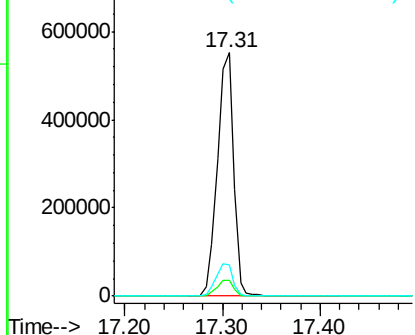


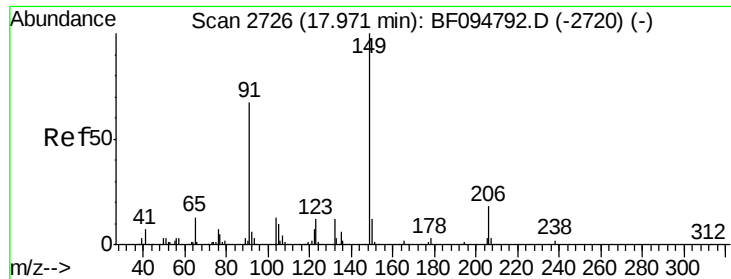
#78
 Terphenyl-d14
 Concen: 69.518 ng
 RT: 17.31 min Scan# 2613
 Delta R.T. -0.01 min
 Lab File: BF094825.D
 Acq: 3 May 2017 9:24

Tgt Ion: 244 Resp: 641402
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 12.9 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: 0.017 ng

RT: 17.97 min Scan# 2726

Delta R.T. 0.00 min

Lab File: BF094825.D

Acq: 3 May 2017 9:24

Instrument :

BNA_F

ClientSampleId :

E2-V8-BASE

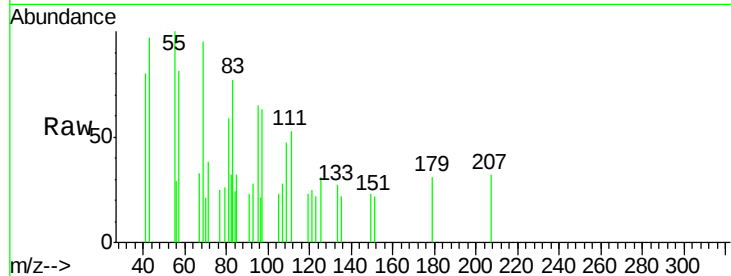
Tgt Ion:149 Resp: 119

Ion Ratio Lower Upper

149 100

91 102.1 45.0 67.4#

206 0.0 17.0 25.6#

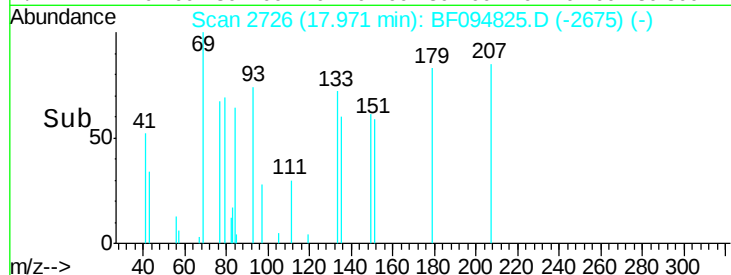


Abundance Ion 149.00 (148.70 to 149.70): E

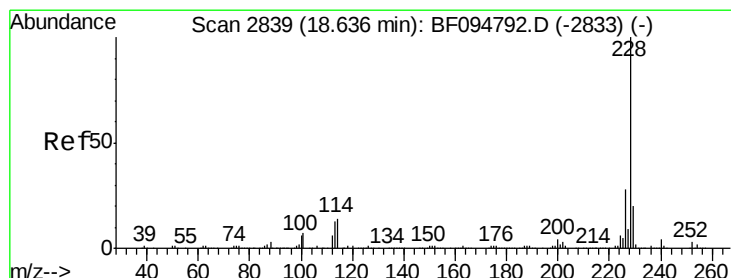
Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

Time-->



Time-->



#80

Benzo(a)anthracene

Concen: 0.943 ng

RT: 18.63 min Scan# 2838

Delta R.T. -0.01 min

Lab File: BF094825.D

Acq: 3 May 2017 9:24

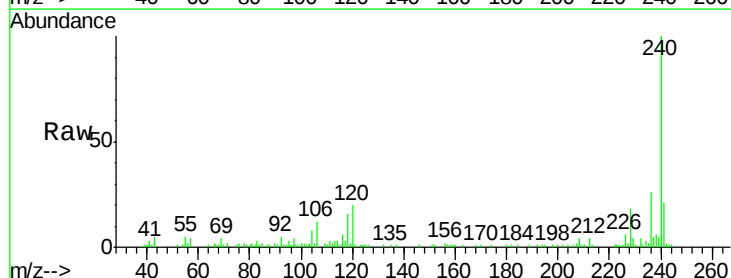
Tgt Ion:228 Resp: 11154

Ion Ratio Lower Upper

228 100

226 30.1 22.6 33.8

229 19.1 16.3 24.5

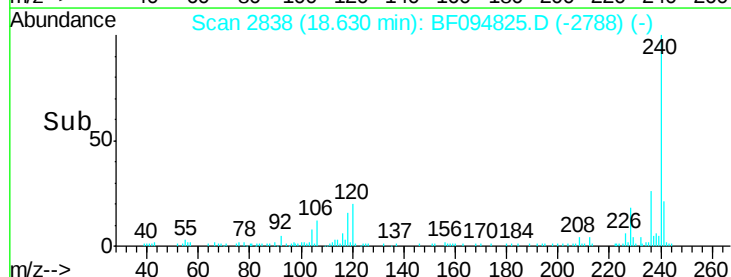


Abundance Ion 228.00 (227.70 to 228.70): E

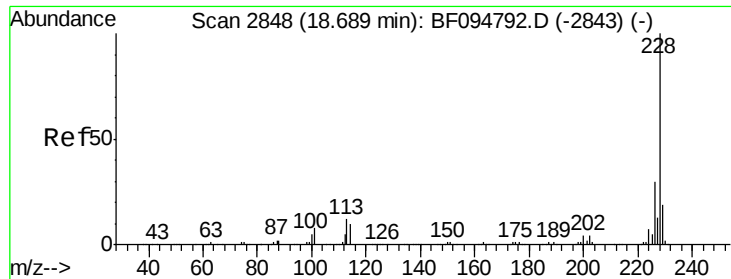
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

Time-->



Time-->



#82

Chrysene

Concen: 0.975 ng

RT: 18.63 min Scan# 2838

Delta R.T. -0.06 min

Lab File: BF094825.D

Acq: 3 May 2017 9:24

Instrument :

BNA_F

ClientSampleId :

E2-V8-BASE

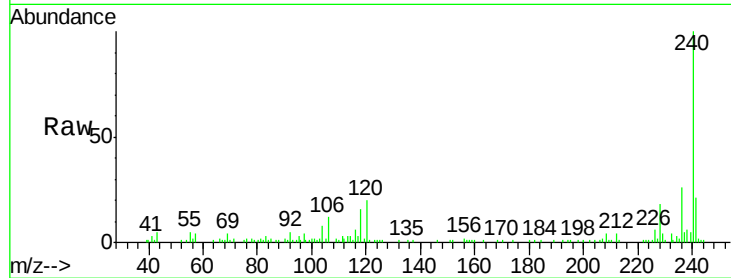
Tgt Ion:228 Resp: 11154

Ion Ratio Lower Upper

228 100

226 30.1 24.9 37.3

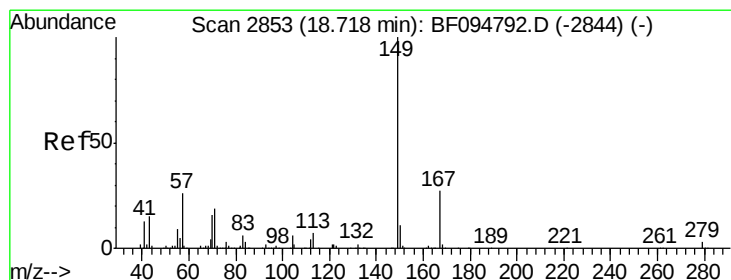
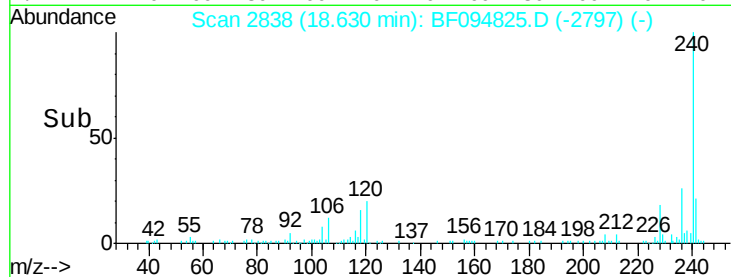
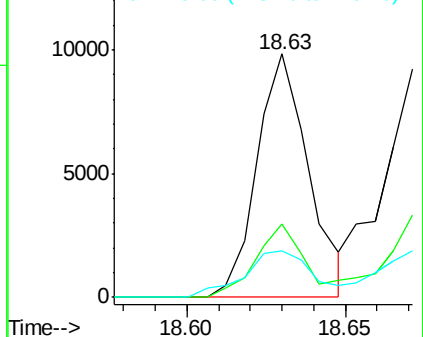
229 19.1 15.8 23.6



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: 0.393 ng

RT: 18.71 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BF094825.D

Acq: 3 May 2017 9:24

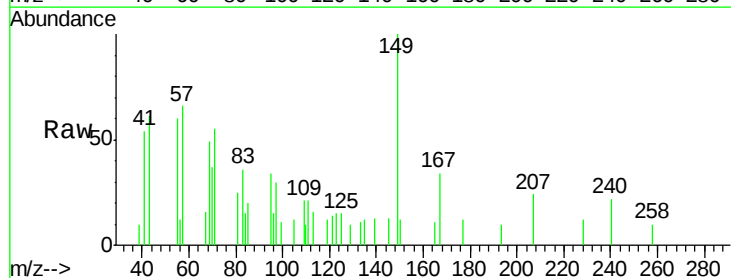
Tgt Ion:149 Resp: 3960

Ion Ratio Lower Upper

149 100

167 33.5 21.0 31.4#

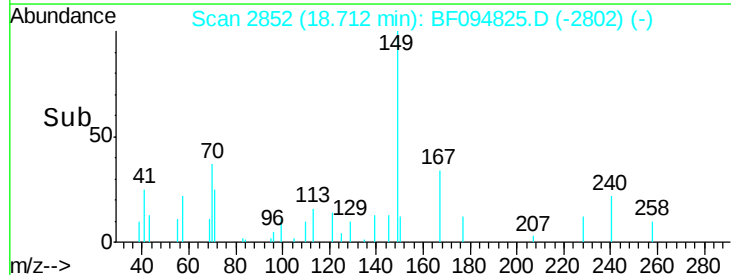
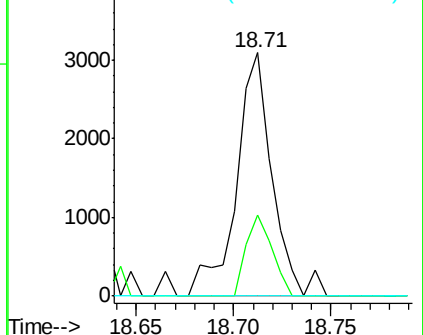
279 0.0 1.9 2.9#

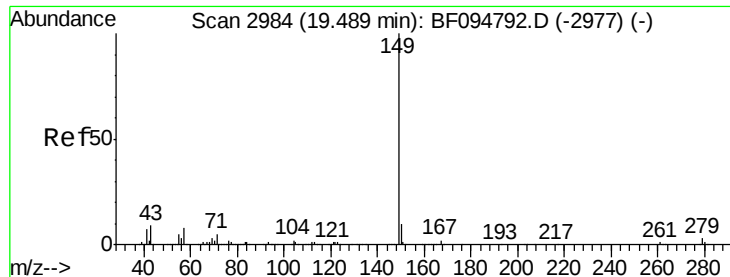


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 0.035 ng

RT: 19.48 min Scan# 2983

Delta R.T. -0.01 min

Lab File: BF094825.D

Acq: 3 May 2017 9:24

Instrument :

BNA_F

ClientSampleId :

E2-V8-BASE

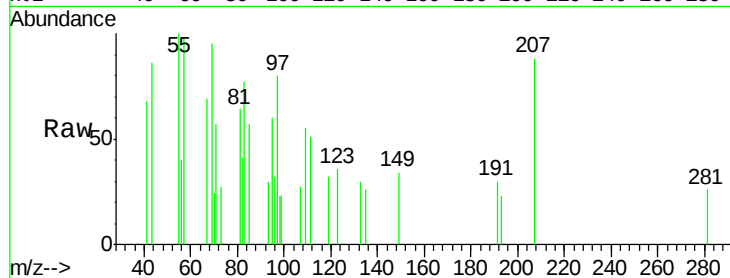
Tgt Ion:149 Resp: 575

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

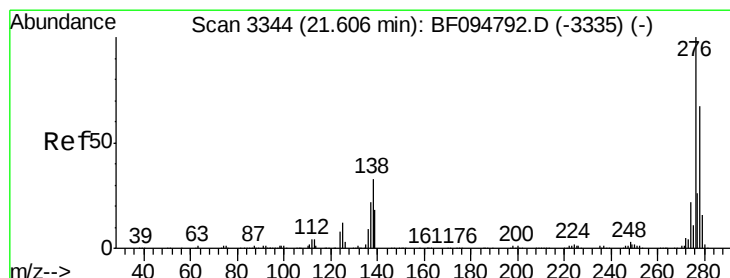
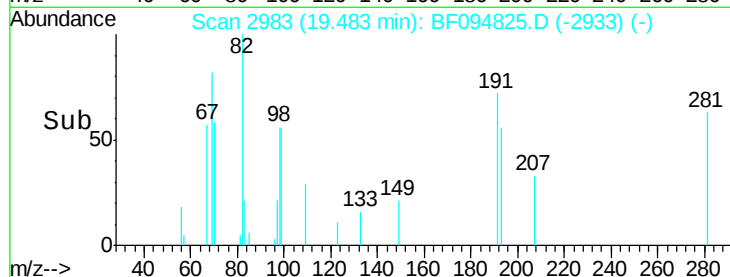
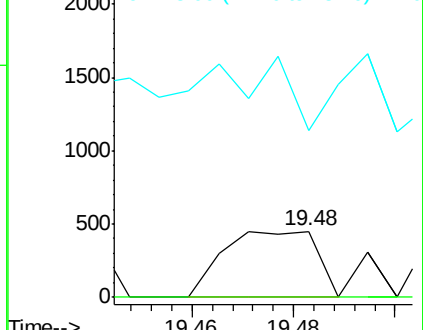
43 75.5 8.5 12.7#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 0.251 ng

RT: 21.61 min Scan# 3345

Delta R.T. 0.01 min

Lab File: BF094825.D

Acq: 3 May 2017 9:24

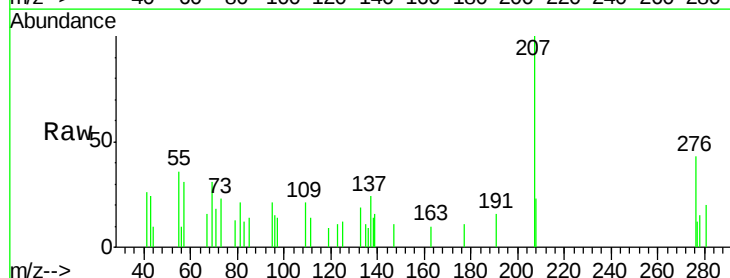
Tgt Ion:276 Resp: 2331

Ion Ratio Lower Upper

276 100

138 28.4 27.8 41.6

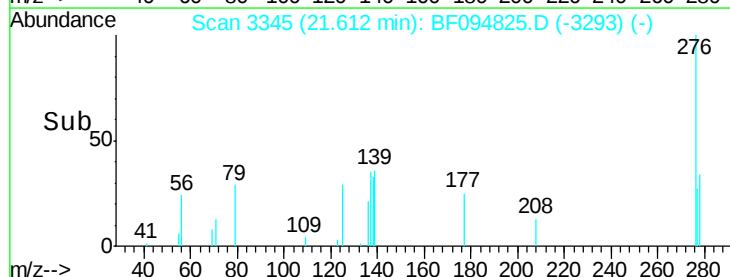
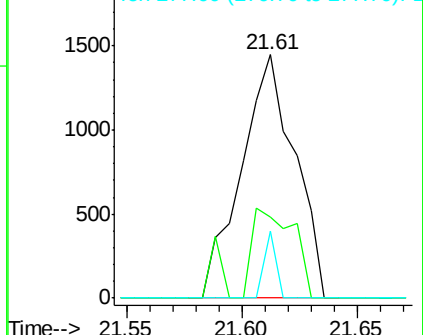
277 6.0 20.2 30.4#

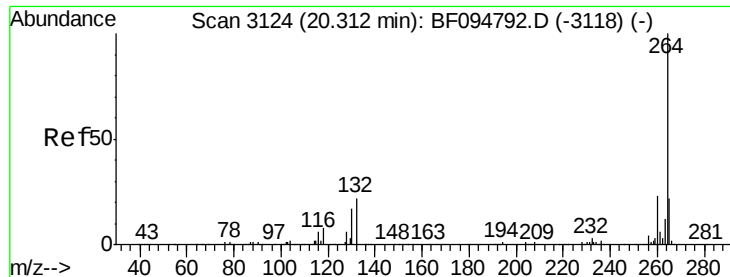


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



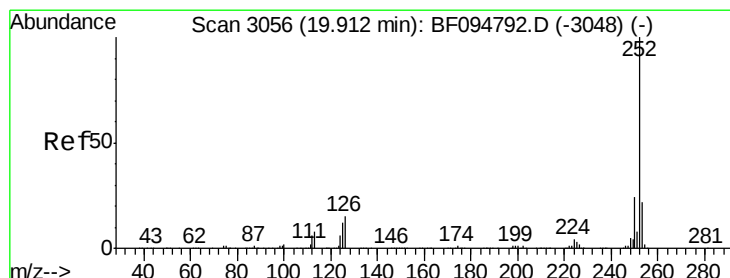
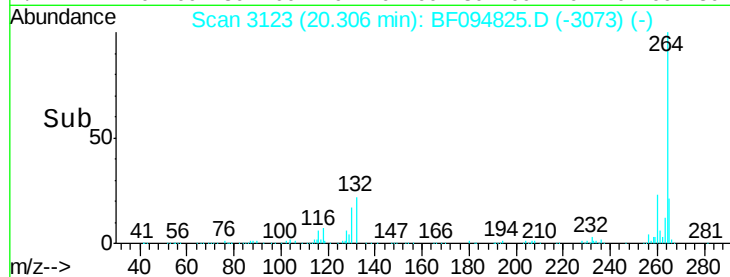
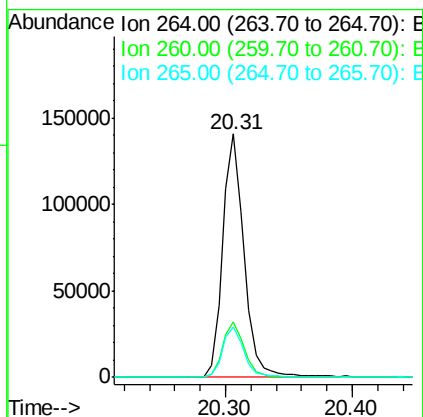
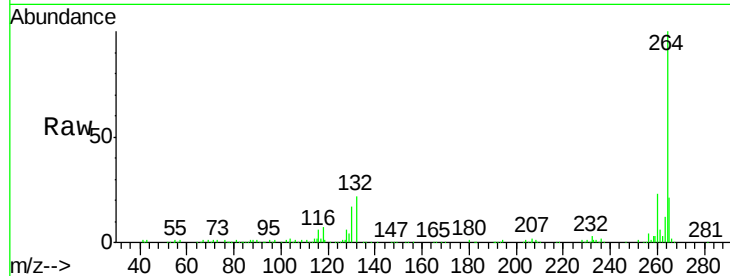


#86
Perylene-d12
Concen: 20.000 ng
RT: 20.31 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BF094825.D
Acq: 3 May 2017 9:24

Instrument :
BNA_F
ClientSampleId :
E2-V8-BASE

Tgt Ion: 264 Resp: 164351

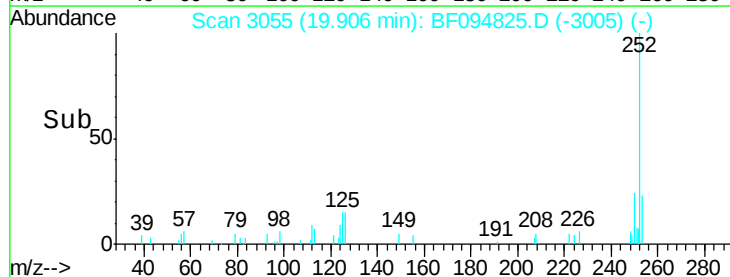
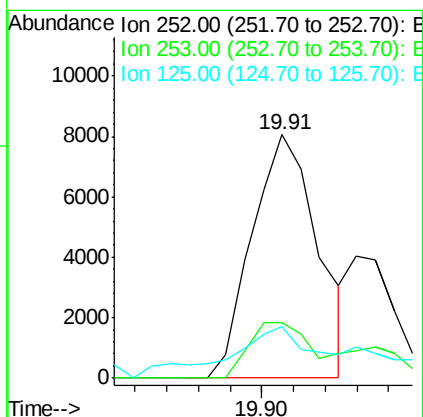
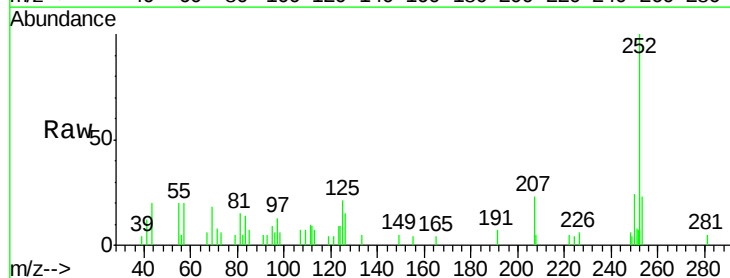
Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.5	29.3
265	20.5	17.2	25.8

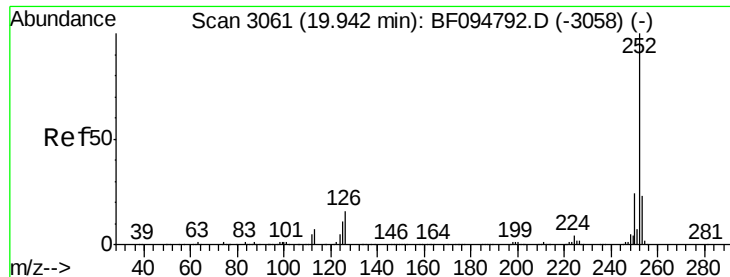


#87
Benzo(b)fluoranthene
Concen: 1.146 ng
RT: 19.91 min Scan# 3055
Delta R.T. -0.01 min
Lab File: BF094825.D
Acq: 3 May 2017 9:24

Tgt Ion: 252 Resp: 11634

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	21.0	9.8	14.8

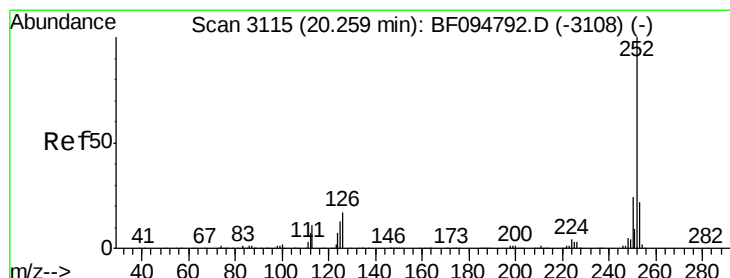
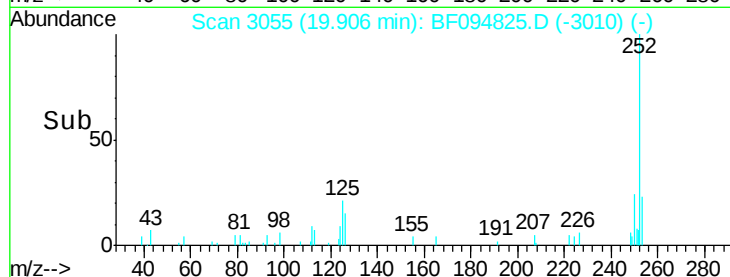
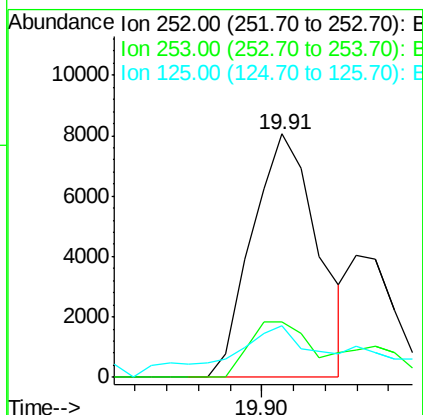
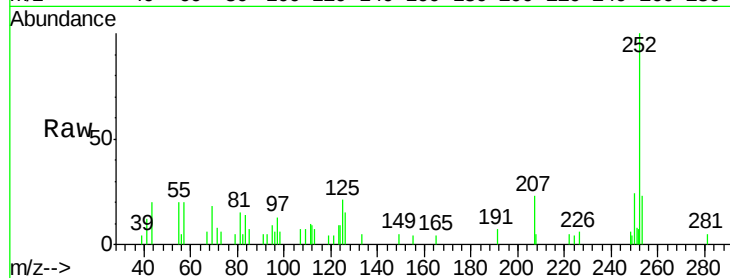




#88
Benzo(k)fluoranthene
Concen: 1.188 ng
RT: 19.91 min Scan# 3055
Delta R.T. -0.04 min
Lab File: BF094825.D
Acq: 3 May 2017 9:24

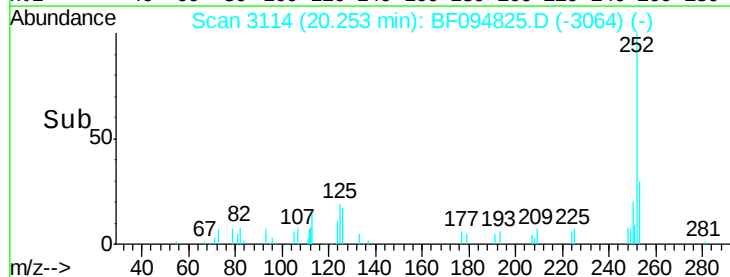
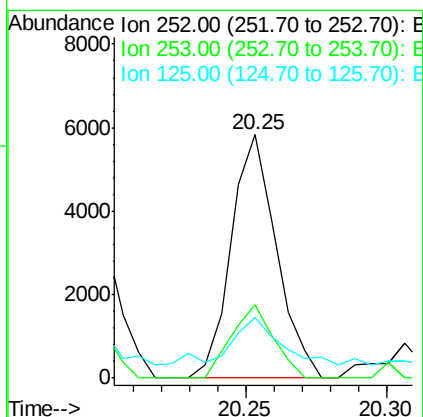
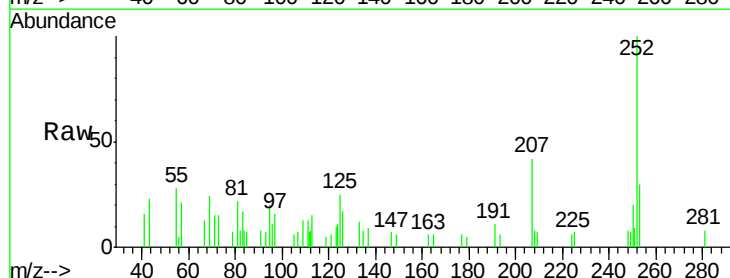
Instrument :
BNA_F
ClientSampled :
E2-V8-BASE

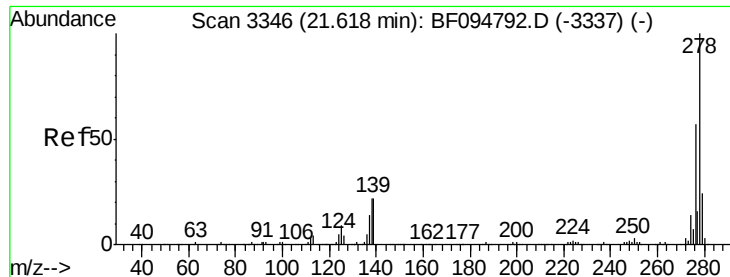
Tgt Ion:252 Resp: 11634
Ion Ratio Lower Upper
252 100
253 22.8 18.4 27.6
125 21.0 13.1 19.7#



#89
Benzo(a)pyrene
Concen: 0.690 ng
RT: 20.25 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BF094825.D
Acq: 3 May 2017 9:24

Tgt Ion:252 Resp: 6465
Ion Ratio Lower Upper
252 100
253 29.9 17.5 26.3#
125 24.8 11.0 16.4#



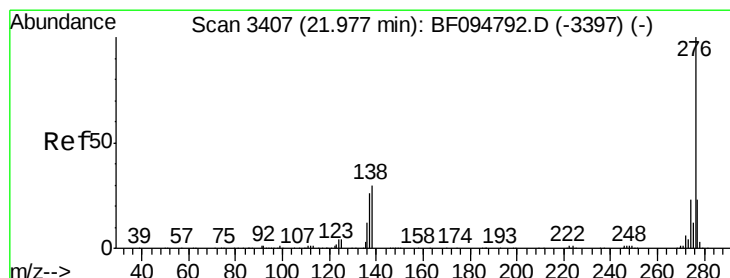
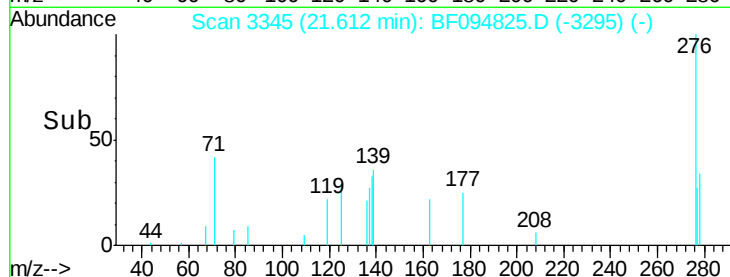
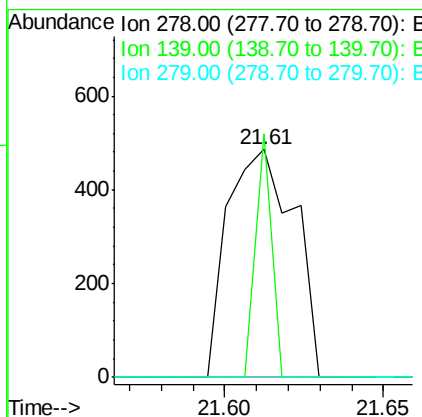
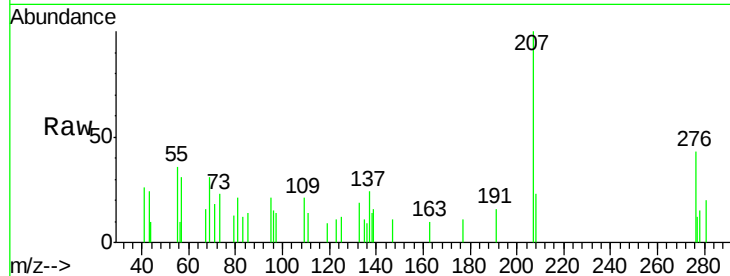


#90
Dibenzo(a,h)anthracene
Concen: 0.092 ng
RT: 21.61 min Scan# 3345
Delta R.T. -0.01 min
Lab File: BF094825.D
Acq: 3 May 2017 9:24

Instrument :
BNA_F
ClientSampleId :
E2-V8-BASE

Tgt Ion: 278 Resp: 709

Ion	Ratio	Lower	Upper
278	100		
139	106.8	16.6	24.8#
279	0.0	19.3	28.9#



#91
Benzo(g,h,i)perylene
Concen: 0.288 ng
RT: 21.99 min Scan# 3409
Delta R.T. 0.01 min
Lab File: BF094825.D
Acq: 3 May 2017 9:24

Tgt Ion: 276 Resp: 2187

Ion	Ratio	Lower	Upper
276	100		
277	28.6	18.6	28.0#
138	27.9	25.4	38.0

