

Data File : BF093223.D
Acq On : 27 Feb 2017 23:51
Operator : SJ/MA
Sample : I1997-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-B1E-SSW-1

Quant Time: Feb 28 00:47:40 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	174952	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	653795	20.00	ng	-0.05
38) Acenaphthene-d10	9.86	164	304439	20.00	ng	-0.03
63) Phenanthrene-d10	11.34	188	505483	20.00	ng	-0.03
75) Chrysene-d12	13.99	240	357066	20.00	ng	-0.03
86) Perylene-d12	15.41	264	332730	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	1132542	111.06	ng	-0.02
7) Phenol-d6	6.48	99	1581497	120.53	ng	-0.01
23) Nitrobenzene-d5	7.39	82	993194	84.60	ng	-0.03
41) 2,4,6-Tribromophenol	10.65	330	226946	103.07	ng	-0.03
44) 2-Fluorobiphenyl	9.18	172	1360640	80.97	ng	-0.03
78) Terphenyl-d14	12.93	244	945972	62.25	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.39	70	132455	15.86	ng	# 78
25) Isophorone	7.39	82	973039	44.48	ng	# 65
31) Naphthalene	8.12	128	101492	3.06	ng	98
32) Benzoic acid	7.87	122	228	7.20	ng	# 82
48) Acenaphthylene	9.72	152	67584	2.27	ng	98
49) Dimethylphthalate	9.57	163	480991	23.46	ng	99
51) Acenaphthene	9.88	154	69250	3.89	ng	94
54) Dibenzofuran	10.06	168	58622	2.46	ng	# 89
55) 4-Nitrophenol	10.06	139	21747	5.96	ng	# 5
57) Fluorene	10.41	166	94817	5.17	ng	95
64) 4,6-Dinitro-2-methylphenol	10.65	198	453	2.81	ng	# 1
66) 4-Bromophenyl-phenylether	10.65	248	16767	3.17	ng	# 1
70) Phenanthrene	11.37	178	1049086	36.23	ng	99
71) Anthracene	11.41	178	324138	11.15	ng	98
72) Carbazole	11.57	167	76961	2.77	ng	100
74) Fluoranthene	12.56	202	1285885	43.05	ng	98
77) Pyrene	12.78	202	1298732	48.60	ng	100
80) Benzo(a)anthracene	13.97	228	635891	29.12	ng	98
82) Chrysene	14.01	228	419805	20.53	ng	98
85) Indeno(1,2,3-cd)pyrene	16.81	276	278265	17.57	ng	95
87) Benzo(b)fluoranthene	15.00	252	810946	37.03	ng	# 97
88) Benzo(k)fluoranthene	15.00	252	810946	42.89	ng	# 96
89) Benzo(a)pyrene	15.36	252	482747	25.48	ng	99
90) Dibenzo(a,h)anthracene	16.97	278	50111	3.27	ng	95
91) Benzo(g,h,i)perylene	17.23	276	258846	16.74	ng	# 89

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

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ClientSampleId :

E2-B1E-SSW-1

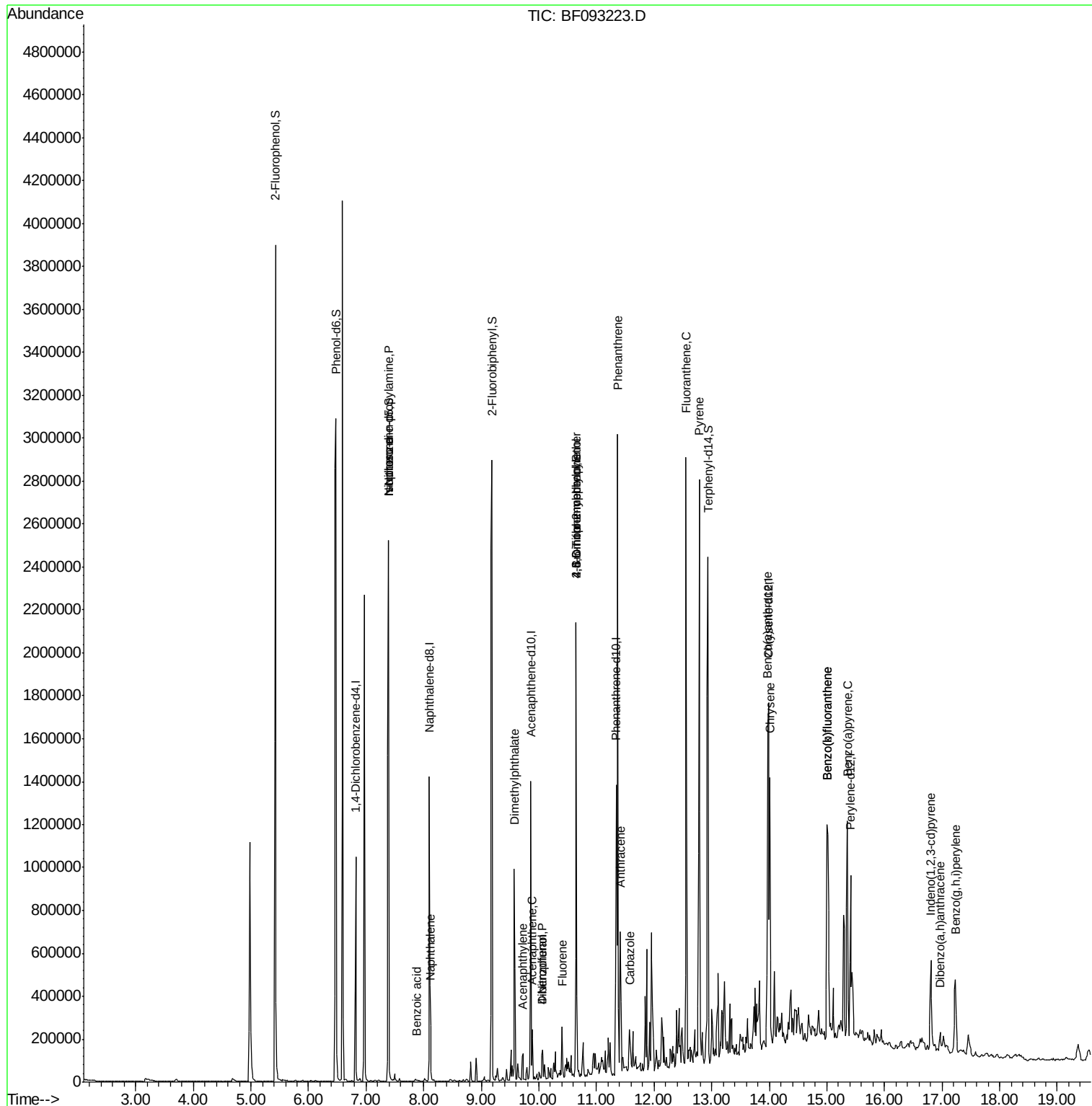
Quant Time: Feb 28 00:47:40 2017

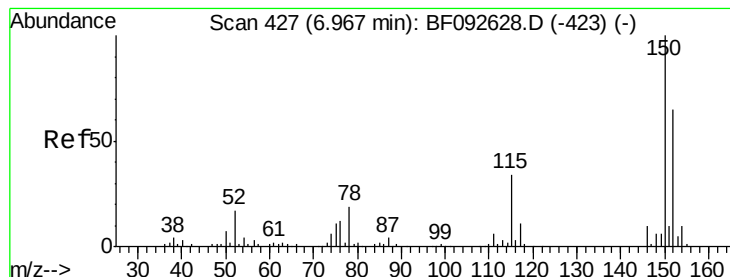
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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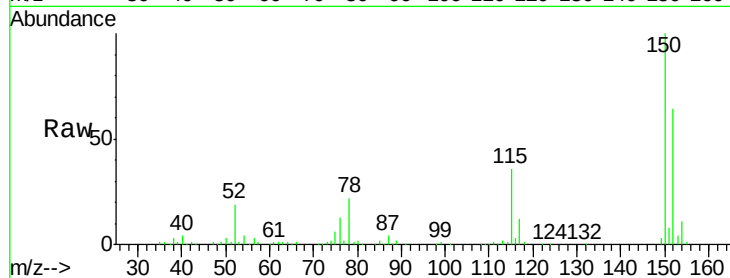




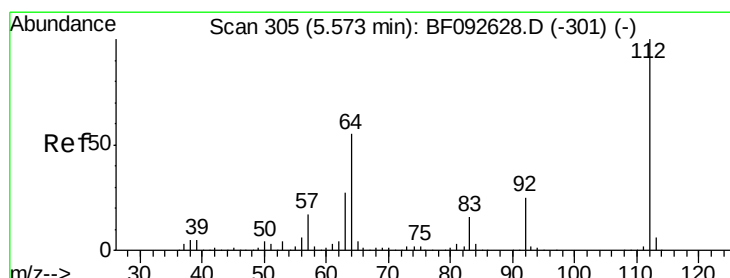
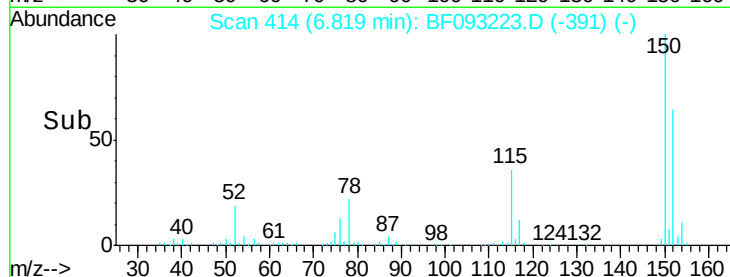
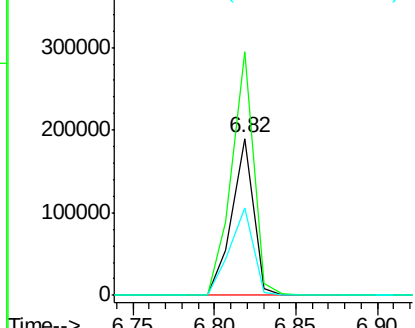
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.82 min Scan# 414
 Delta R.T. -0.03 min
 Lab File: BF093223.D
 Acq: 27 Feb 2017 23:51

Instrument :
 BNA_F
 ClientSampleId :
 E2-B1E-SSW-1

Tgt Ion:152 Resp: 174952
 Ion Ratio Lower Upper
 152 100
 150 155.2 124.9 187.3
 115 55.7 46.0 69.0

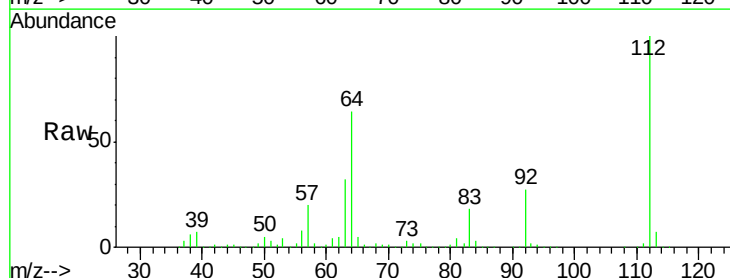


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

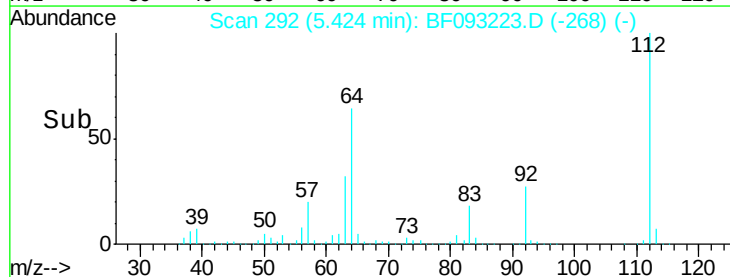
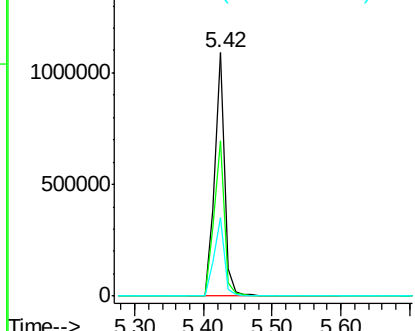


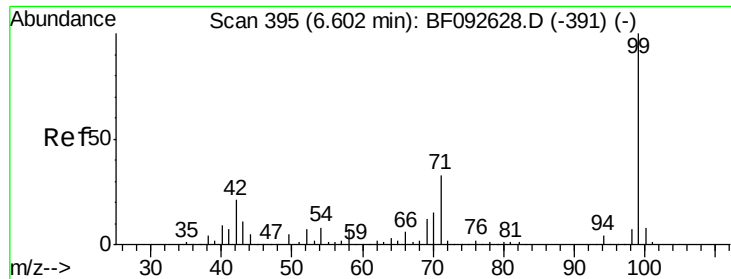
#5
 2-Fluorophenol
 Concen: 111.06 ng
 RT: 5.42 min Scan# 292
 Delta R.T. -0.02 min
 Lab File: BF093223.D
 Acq: 27 Feb 2017 23:51

Tgt Ion:112 Resp: 1132542
 Ion Ratio Lower Upper
 112 100
 64 64.0 46.1 69.1
 63 32.3 23.8 35.6



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: 120.53 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF093223.D

Acq: 27 Feb 2017 23:51

Instrument :

BNA_F

ClientSampleId :

E2-B1E-SSW-1

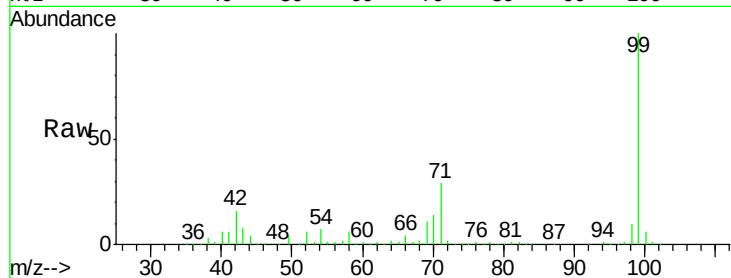
Tgt Ion: 99 Resp: 1581497

Ion Ratio Lower Upper

99 100

42 15.7 15.6 23.4

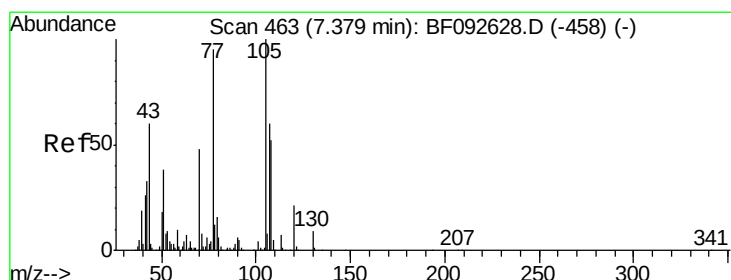
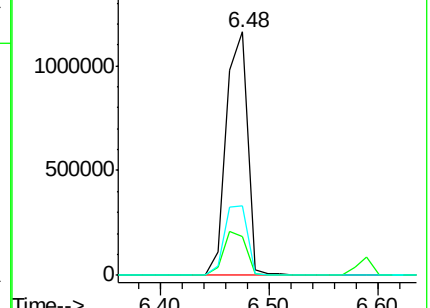
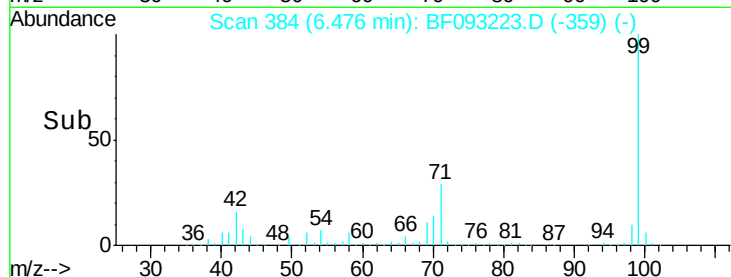
71 28.6 27.5 41.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 15.86 ng

RT: 7.39 min Scan# 464

Delta R.T. 0.11 min

Lab File: BF093223.D

Acq: 27 Feb 2017 23:51

Tgt Ion: 70 Resp: 132455

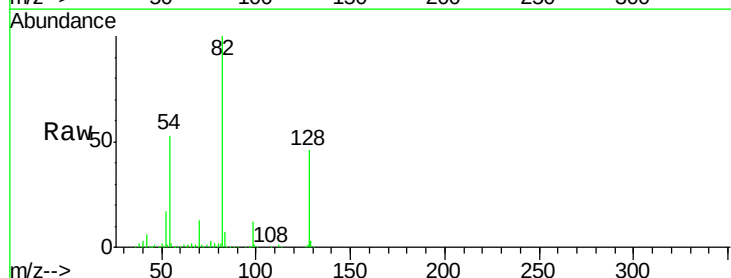
Ion Ratio Lower Upper

70 100

42 48.1 49.4 74.0#

101 0.0 7.4 11.2#

130 2.0 14.2 21.4#

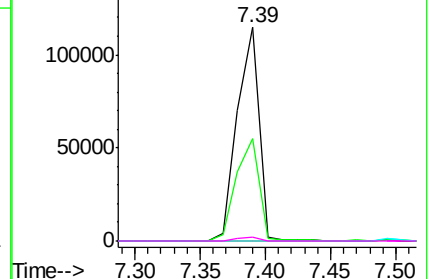
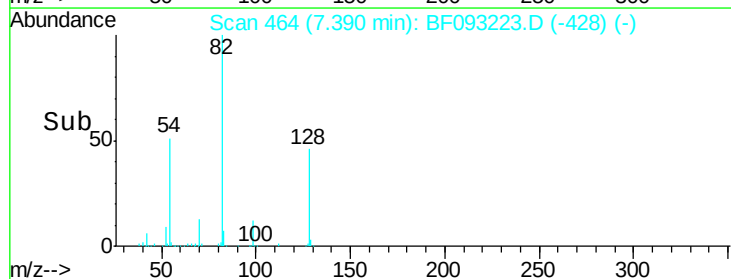


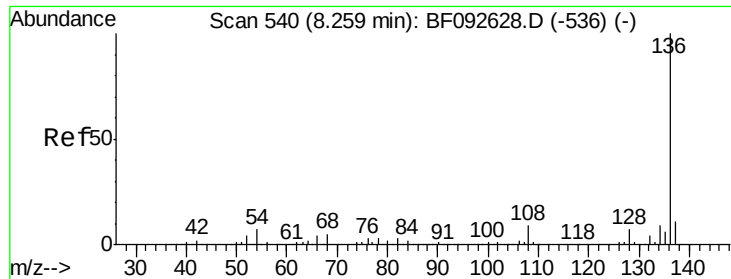
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

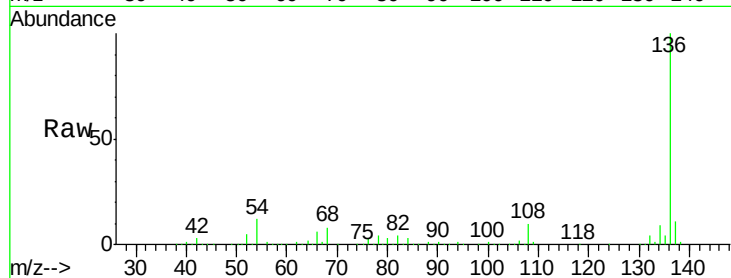




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.05 min
Lab File: BF093223.D
Acq: 27 Feb 2017 23:51

Instrument :
BNA_F
ClientSampleId :
E2-B1E-SSW-1

Tgt Ion:	136	Resp:	653795
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.4	12.6
54	11.8	4.5	6.7#
68	8.3	3.6	5.4#



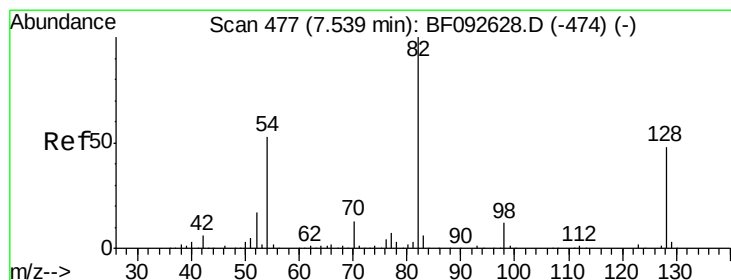
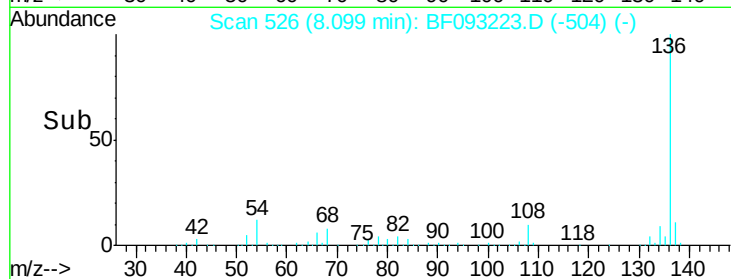
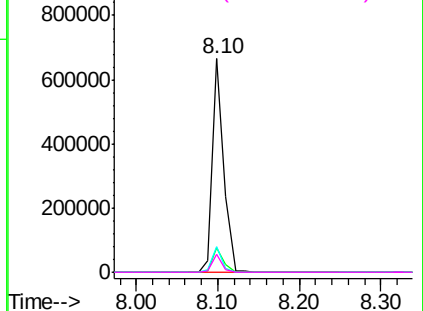
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

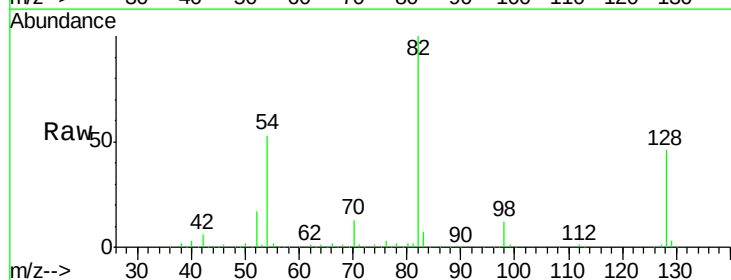
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23
Nitrobenzene-d5
Concen: 84.60 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.03 min
Lab File: BF093223.D
Acq: 27 Feb 2017 23:51

Tgt Ion:	82	Resp:	993194
Ion	Ratio	Lower	Upper
82	100		
128	45.7	34.6	52.0
54	52.9	39.5	59.3

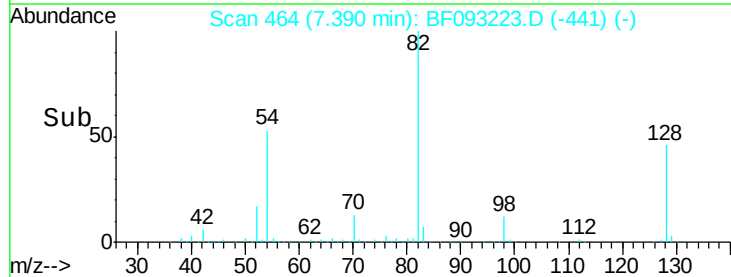
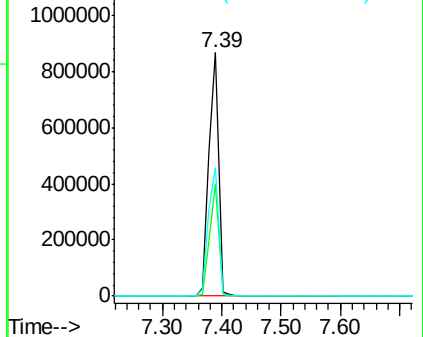


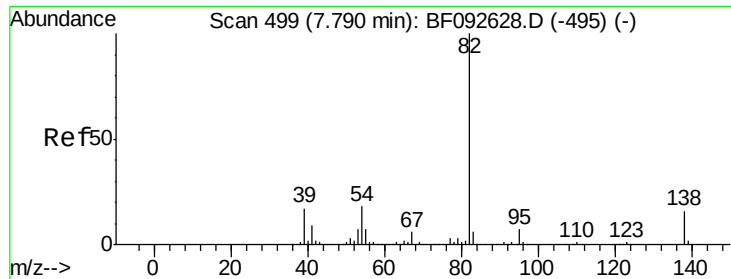
Abundance

Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 44.48 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.30 min

Lab File: BF093223.D

Acq: 27 Feb 2017 23:51

Instrument :

BNA_F

ClientSampleId :

E2-B1E-SSW-1

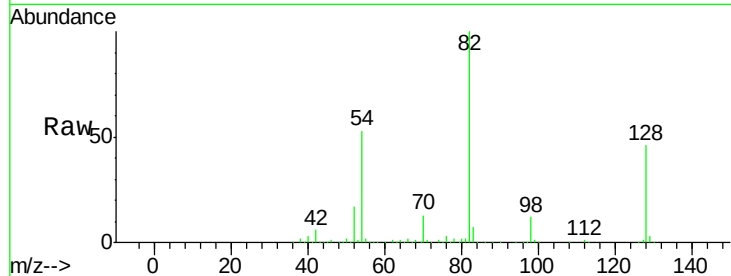
Tgt Ion: 82 Resp: 973039

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

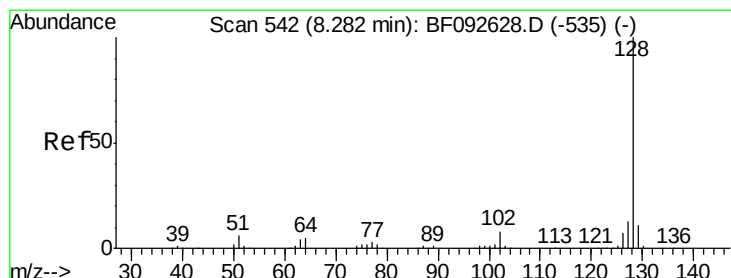
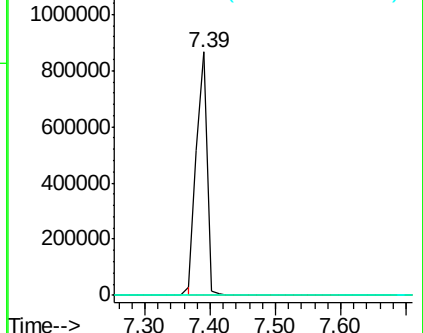
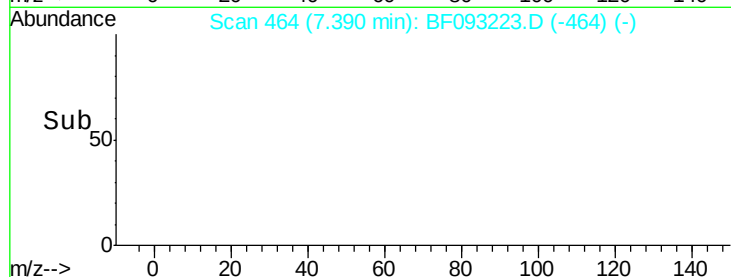
138 0.0 14.6 22.0#



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



#31

Naphthalene

Concen: 3.06 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.05 min

Lab File: BF093223.D

Acq: 27 Feb 2017 23:51

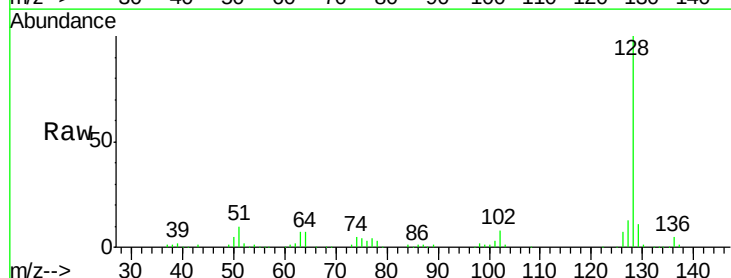
Tgt Ion: 128 Resp: 101492

Ion Ratio Lower Upper

128 100

129 11.0 9.5 14.3

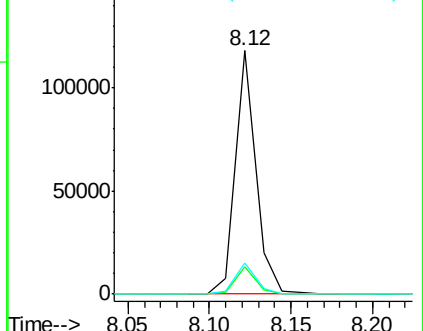
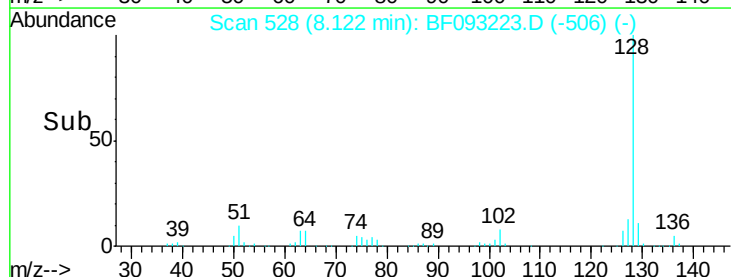
127 12.8 10.8 16.2

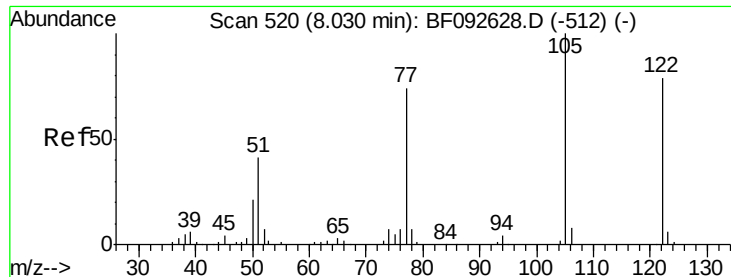


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

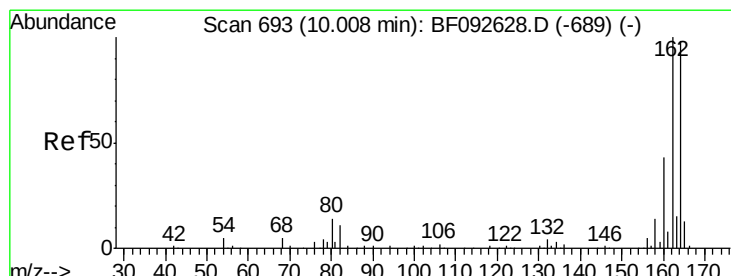
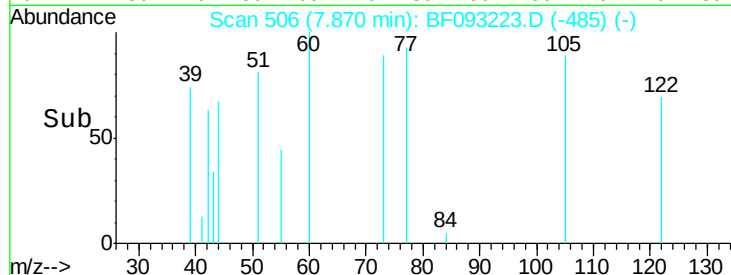
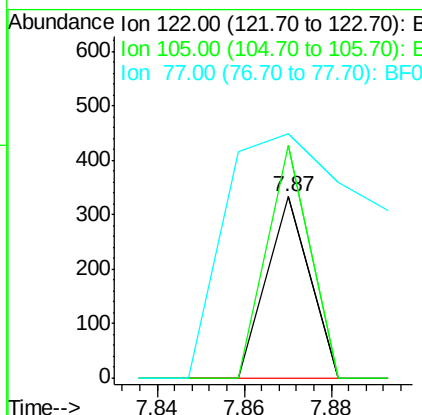
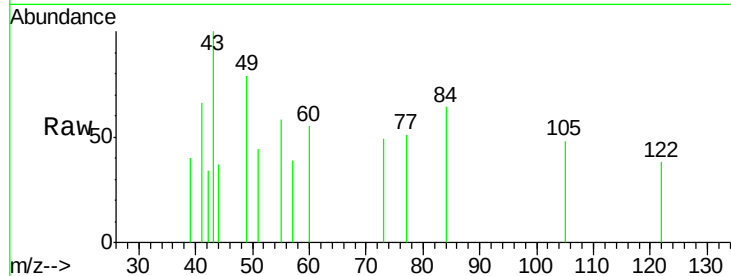




#32
Benzoic acid
Concen: 7.20 ng
RT: 7.87 min Scan# 506
Delta R.T. -0.06 min
Lab File: BF093223.D
Acq: 27 Feb 2017 23:51

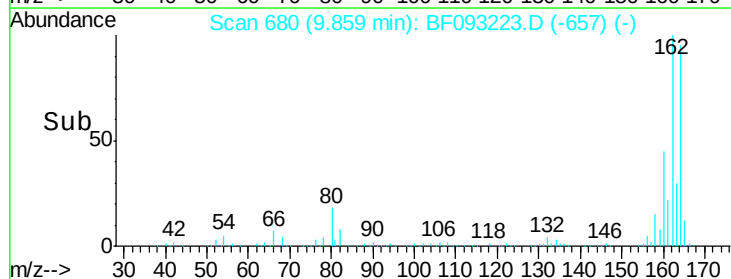
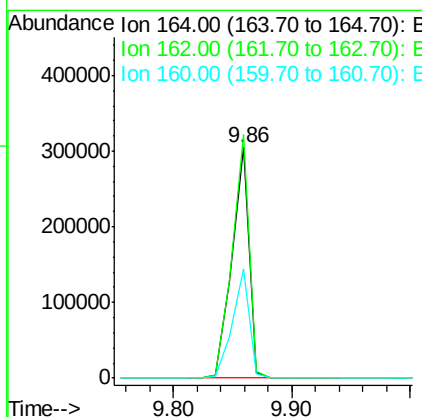
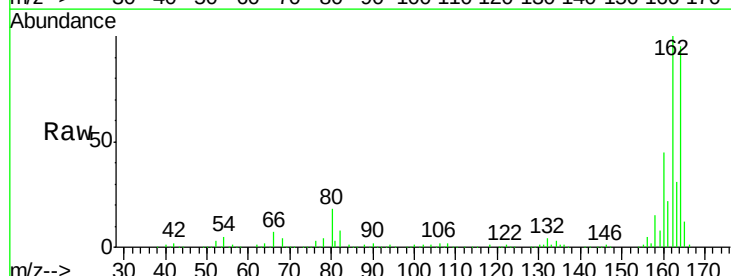
Instrument :
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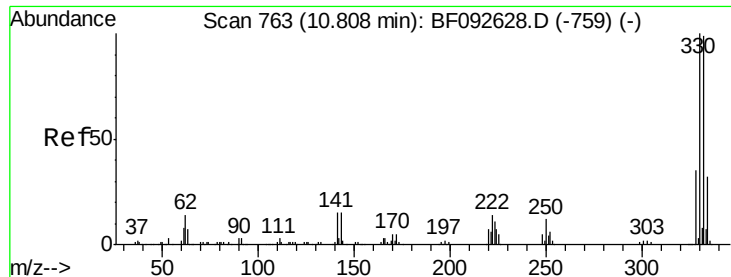
Tgt Ion:122 Resp: 228
Ion Ratio Lower Upper
122 100
105 128.3 107.2 147.2
77 134.9 74.5 114.5#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.03 min
Lab File: BF093223.D
Acq: 27 Feb 2017 23:51

Tgt Ion:164 Resp: 304439
Ion Ratio Lower Upper
164 100
162 105.6 80.2 120.2
160 47.5 36.9 55.3

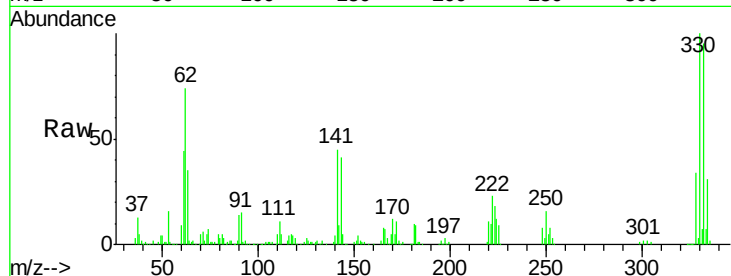




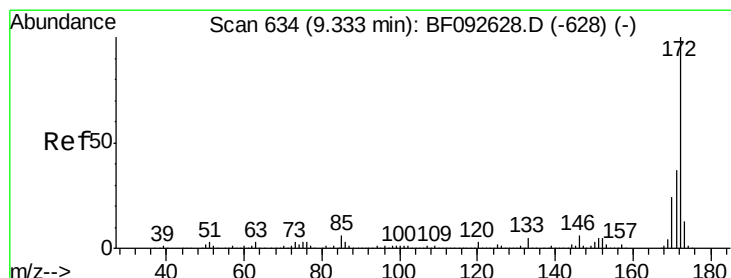
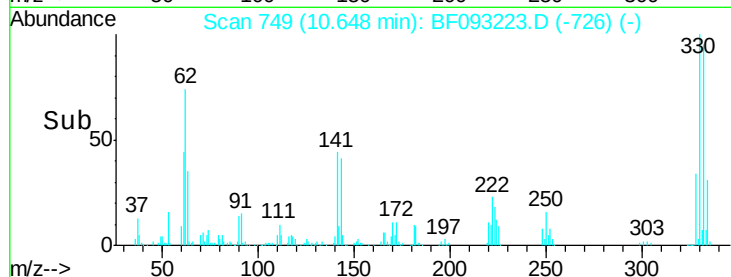
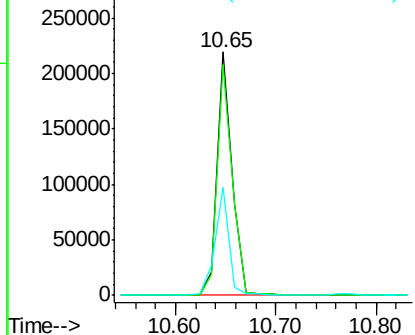
#41
 2,4,6-Tribromophenol
 Concen: 103.07 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.03 min
 Lab File: BF093223.D
 Acq: 27 Feb 2017 23:51

Instrument :
 BNA_F
 ClientSampleId :
 E2-B1E-SSW-1

Tgt Ion:330 Resp: 226946
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.4 116.2
 141 40.9 34.1 51.1

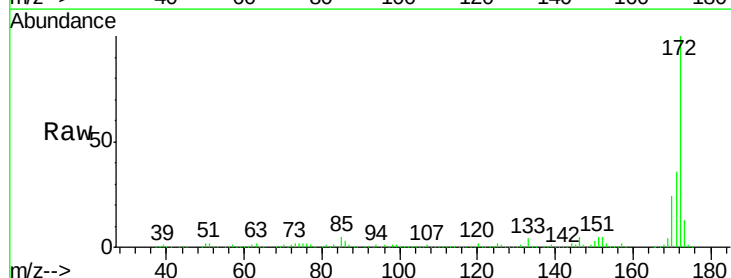


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

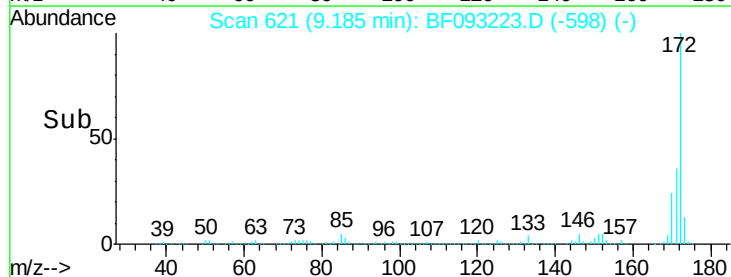
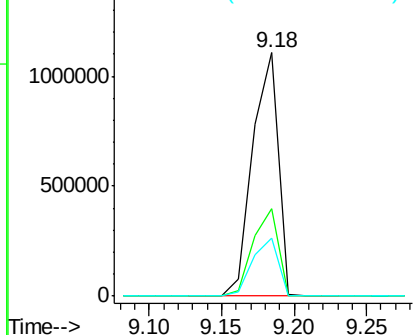


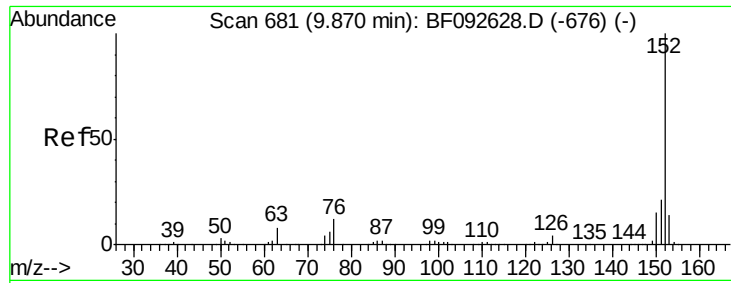
#44
 2-Fluorobiphenyl
 Concen: 80.97 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.03 min
 Lab File: BF093223.D
 Acq: 27 Feb 2017 23:51

Tgt Ion:172 Resp: 1360640
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.4 44.0
 170 24.1 20.2 30.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

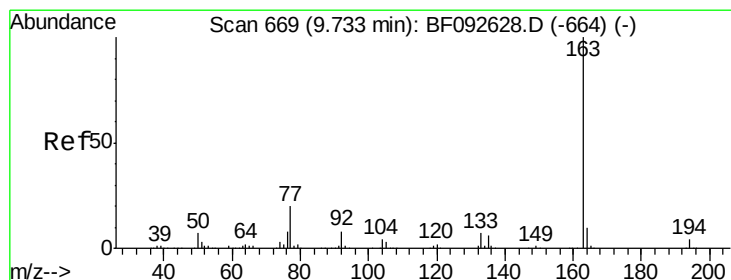
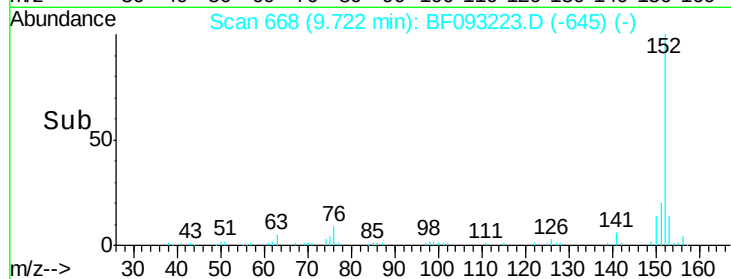
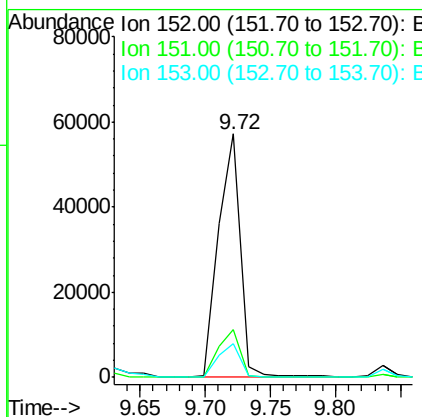
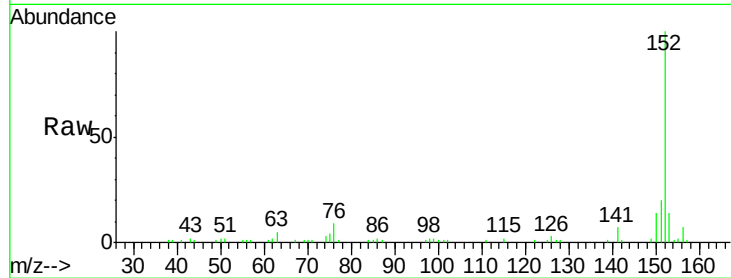




#48
Acenaphthylene
Concen: 2.27 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.03 min
Lab File: BF093223.D
Acq: 27 Feb 2017 23:51

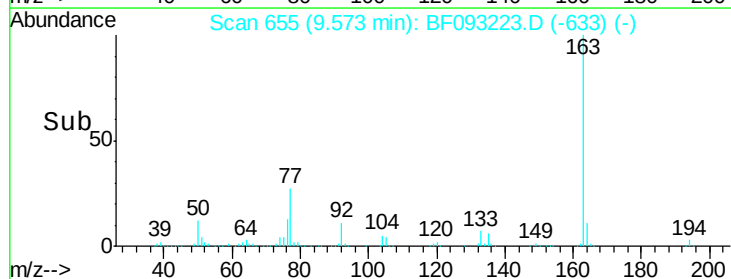
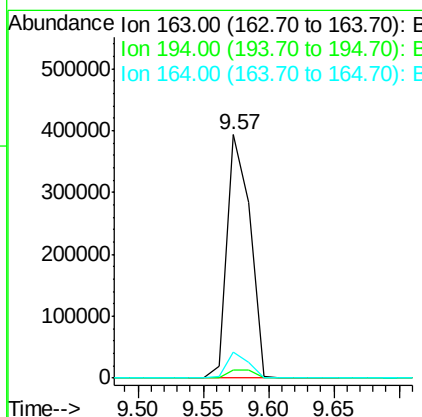
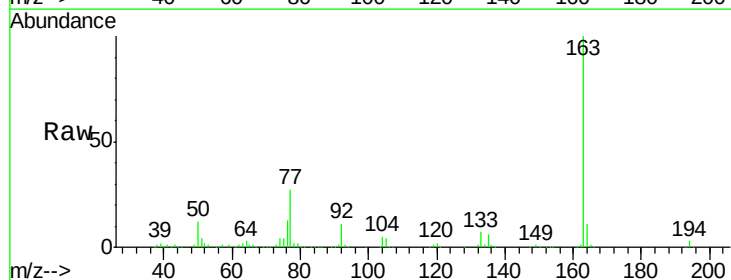
Instrument :
BNA_F
ClientSampleId :
E2-B1E-SSW-1

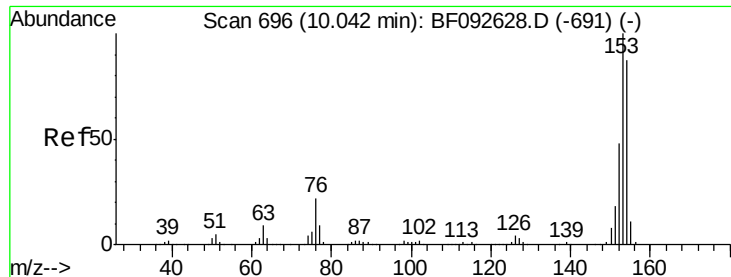
Tgt Ion:152 Resp: 67584
Ion Ratio Lower Upper
152 100
151 19.6 16.9 25.3
153 13.7 11.4 17.2



#49
Dimethylphthalate
Concen: 23.46 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.05 min
Lab File: BF093223.D
Acq: 27 Feb 2017 23:51

Tgt Ion:163 Resp: 480991
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.4
164 10.6 8.0 12.0





#51

Acenaphthene

Concen: 3.89 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.05 min

Lab File: BF093223.D

Acq: 27 Feb 2017 23:51

Instrument :

BNA_F

ClientSampleId :

E2-B1E-SSW-1

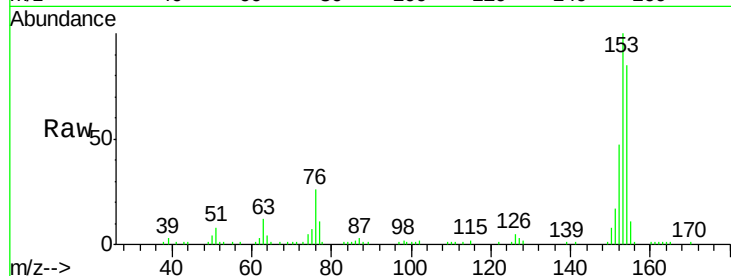
Tgt Ion:154 Resp: 69250

Ion Ratio Lower Upper

154 100

153 117.8 88.6 133.0

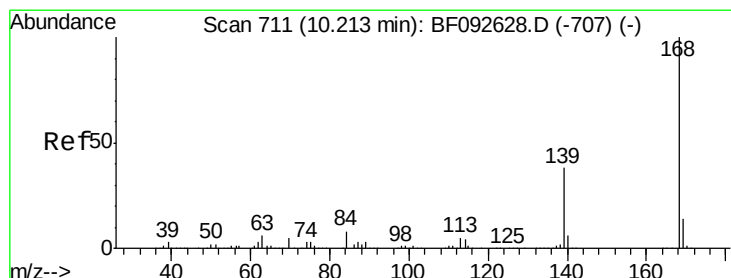
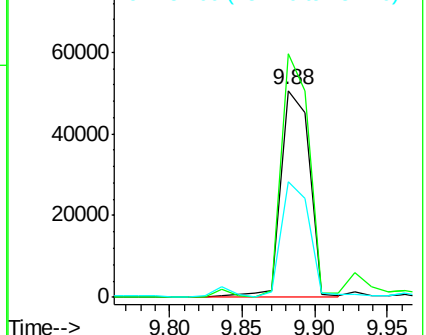
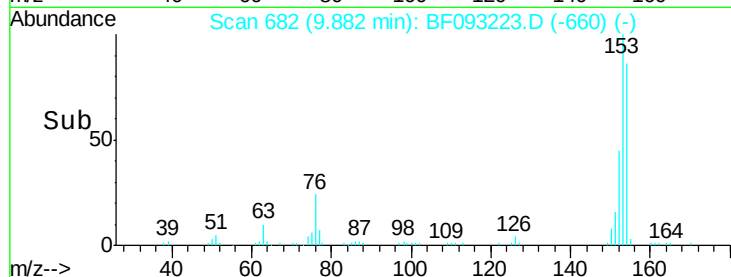
152 55.8 41.6 62.4



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: 2.46 ng

RT: 10.06 min Scan# 698

Delta R.T. -0.03 min

Lab File: BF093223.D

Acq: 27 Feb 2017 23:51

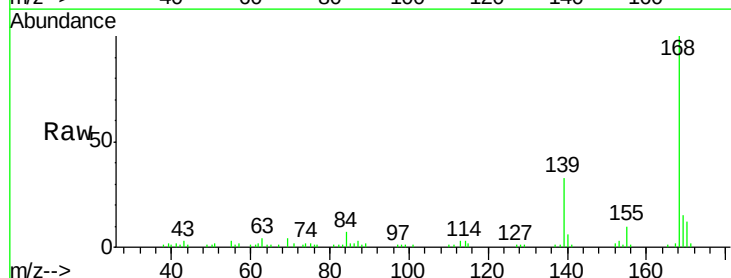
Tgt Ion:168 Resp: 58622

Ion Ratio Lower Upper

168 100

139 32.6 32.6 49.0#

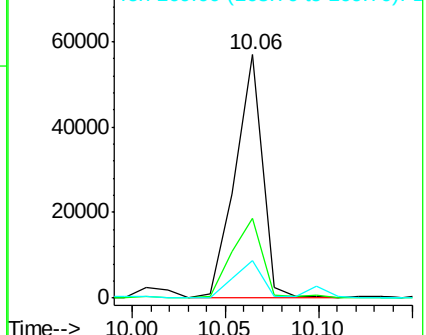
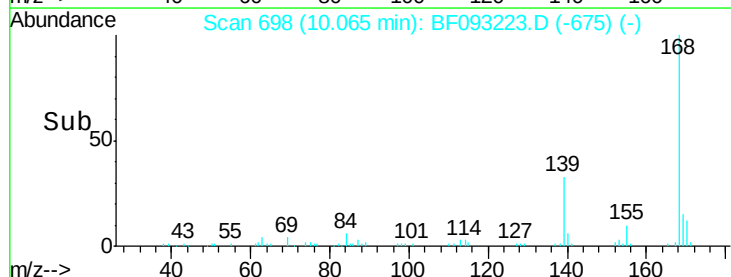
169 15.4 11.3 16.9

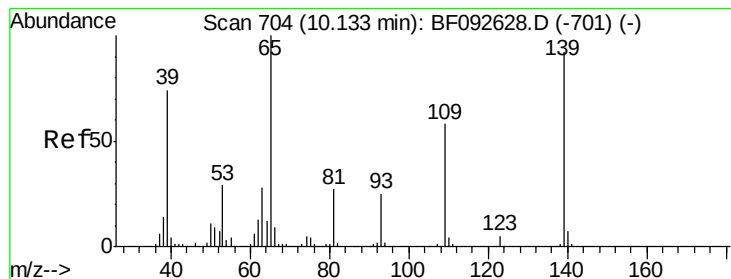


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 5.96 ng

RT: 10.06 min Scan# 698

Delta R.T. 0.05 min

Lab File: BF093223.D

Acq: 27 Feb 2017 23:51

Instrument :

BNA_F

ClientSampleId :

E2-B1E-SSW-1

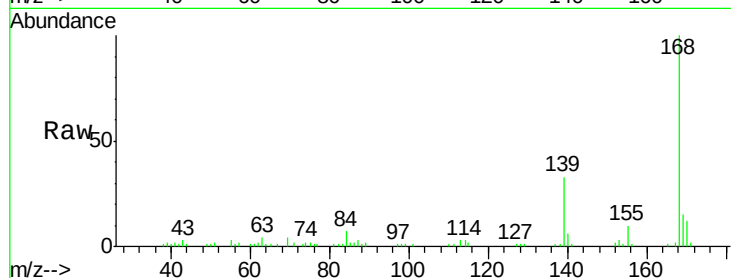
Tgt Ion:139 Resp: 21747

Ion Ratio Lower Upper

139 100

109 0.0 52.2 92.2#

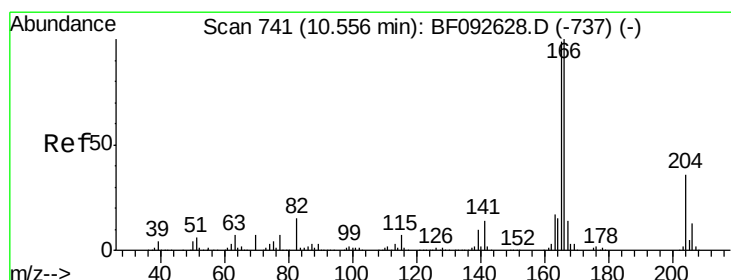
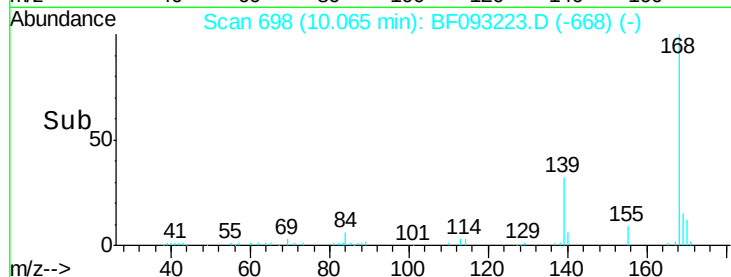
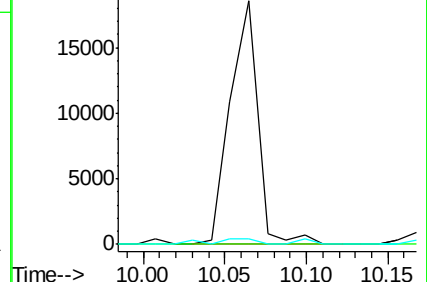
65 2.4 85.8 125.8#



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



#57

Fluorene

Concen: 5.17 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.03 min

Lab File: BF093223.D

Acq: 27 Feb 2017 23:51

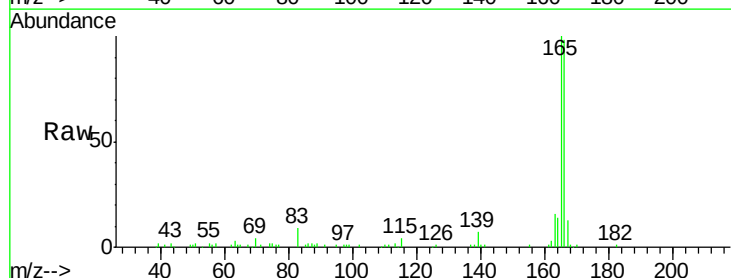
Tgt Ion:166 Resp: 94817

Ion Ratio Lower Upper

166 100

165 102.3 77.8 116.8

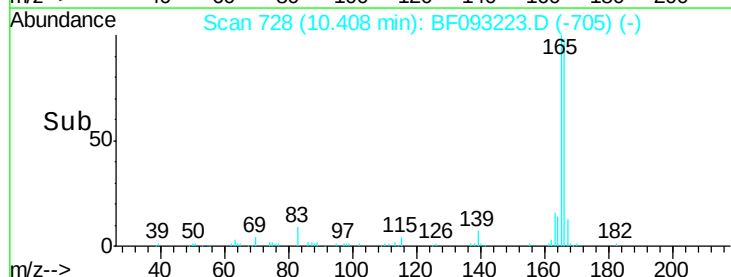
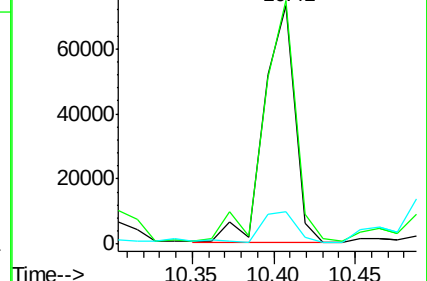
167 13.8 10.8 16.2

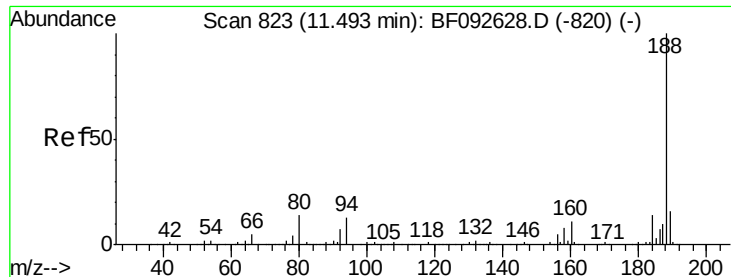


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

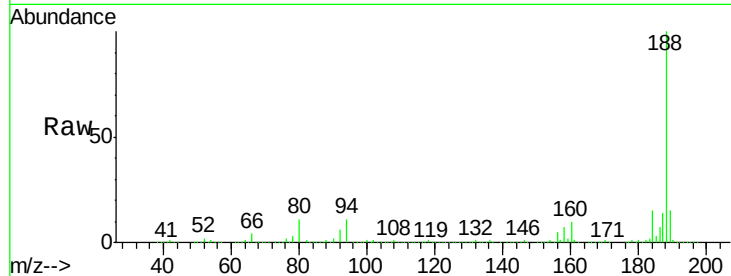




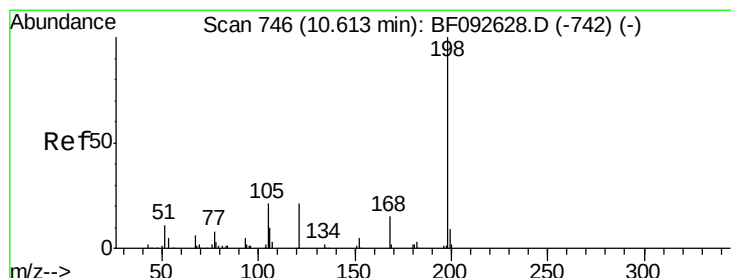
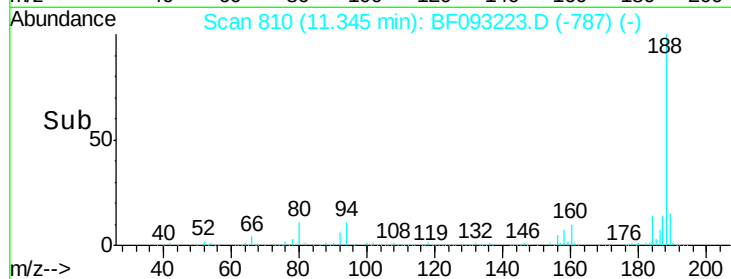
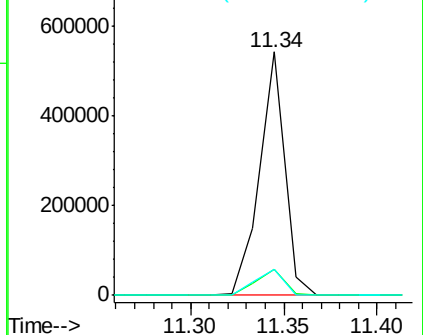
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 810
Delta R.T. -0.03 min
Lab File: BF093223.D
Acq: 27 Feb 2017 23:51

Instrument :
BNA_F
ClientSampleId :
E2-B1E-SSW-1

Tgt Ion:188 Resp: 505483
Ion Ratio Lower Upper
188 100
94 10.9 10.0 15.0
80 10.5 11.2 16.8#

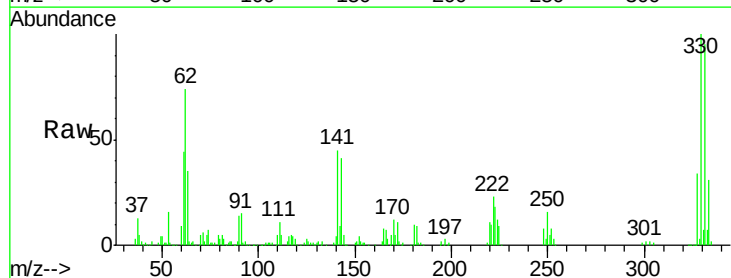


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

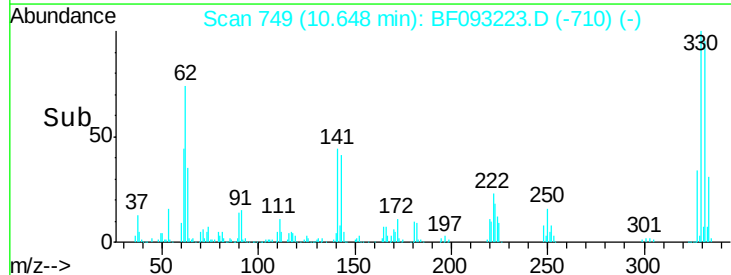
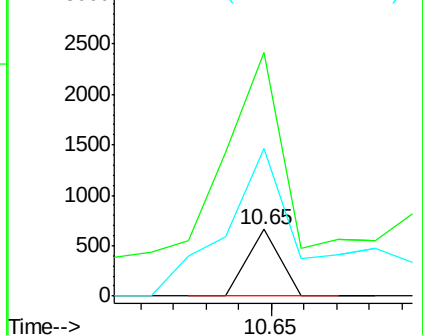


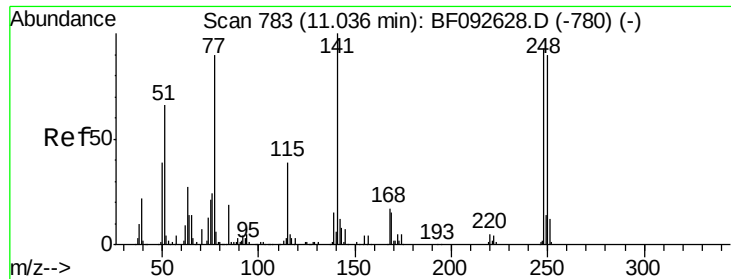
#64
4,6-Dinitro-2-methylphenol
Concen: 2.81 ng
RT: 10.65 min Scan# 749
Delta R.T. 0.15 min
Lab File: BF093223.D
Acq: 27 Feb 2017 23:51

Tgt Ion:198 Resp: 453
Ion Ratio Lower Upper
198 100
51 365.5 6.7 46.7#
105 221.5 16.6 56.6#



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

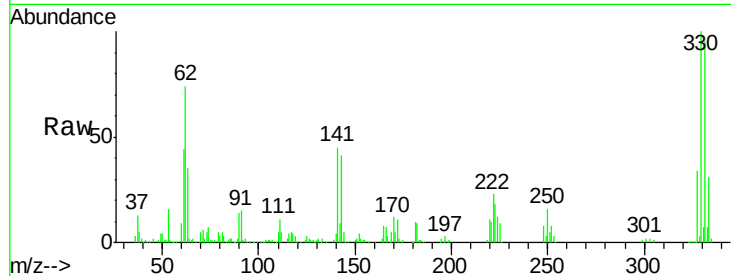




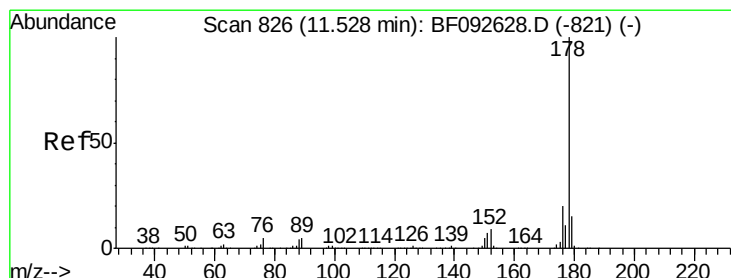
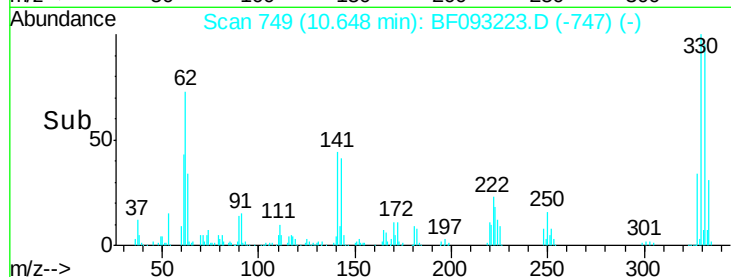
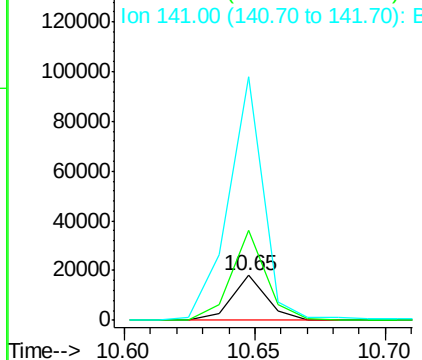
#66
4-Bromophenyl-phenylether
Concen: 3.17 ng
RT: 10.65 min Scan# 749
Delta R.T. -0.27 min
Lab File: BF093223.D
Acq: 27 Feb 2017 23:51

Instrument :
BNA_F
ClientSampleId :
E2-B1E-SSW-1

Tgt Ion:248 Resp: 16767
Ion Ratio Lower Upper
248 100
250 200.2 76.9 115.3#
141 545.2 68.2 102.4#

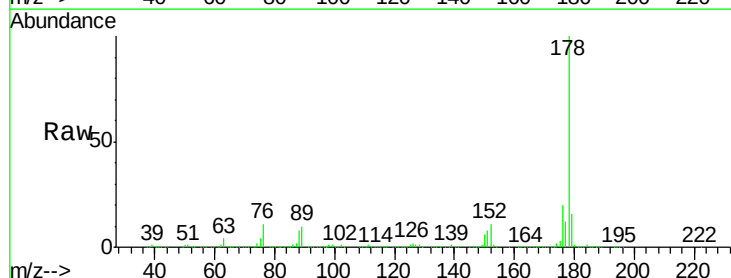


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

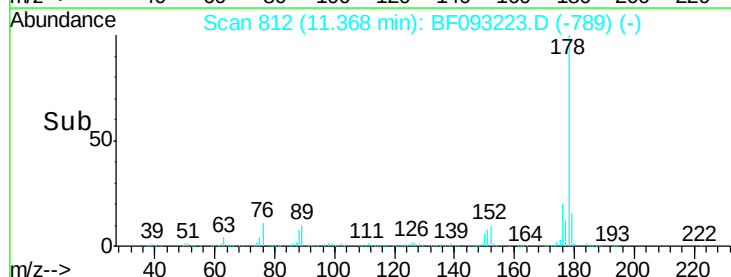
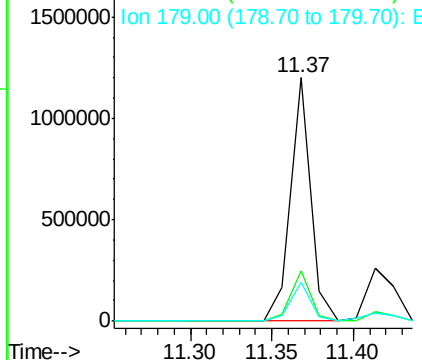


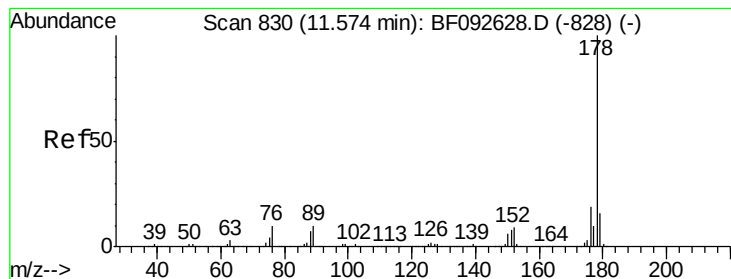
#70
Phenanthrene
Concen: 36.23 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.03 min
Lab File: BF093223.D
Acq: 27 Feb 2017 23:51

Tgt Ion:178 Resp: 1049086
Ion Ratio Lower Upper
178 100
176 20.5 16.6 25.0
179 15.8 12.8 19.2



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





#71

Anthracene

Concen: 11.15 ng

RT: 11.41 min Scan# 816

Delta R.T. -0.05 min

Lab File: BF093223.D

Acq: 27 Feb 2017 23:51

Instrument :

BNA_F

ClientSampleId :

E2-B1E-SSW-1

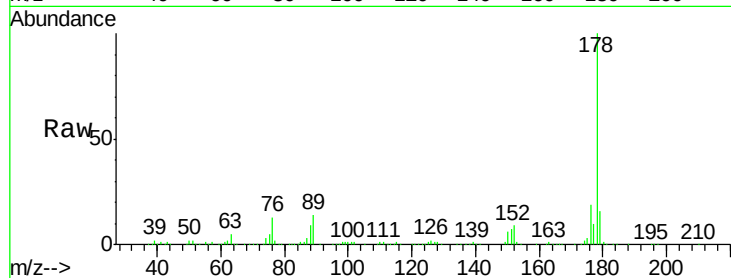
Tgt Ion:178 Resp: 324138

Ion Ratio Lower Upper

178 100

176 18.7 15.9 23.9

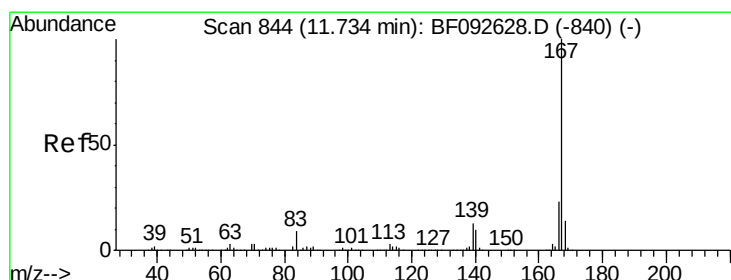
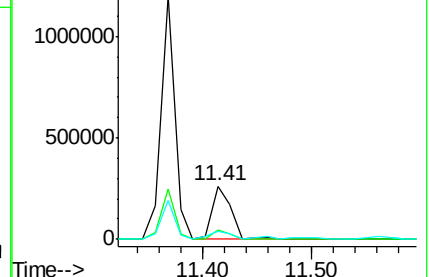
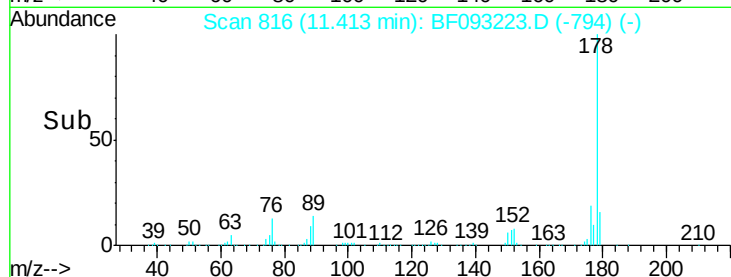
179 16.3 13.2 19.8



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



#72

Carbazole

Concen: 2.77 ng

RT: 11.57 min Scan# 830

Delta R.T. -0.03 min

Lab File: BF093223.D

Acq: 27 Feb 2017 23:51

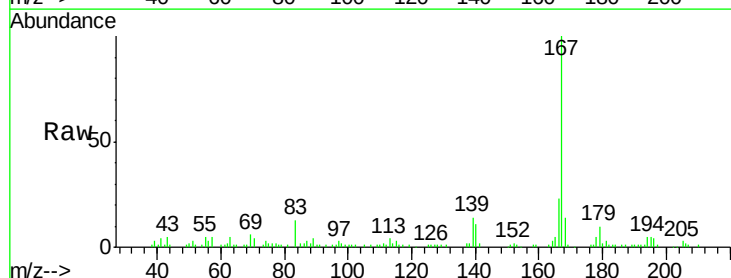
Tgt Ion:167 Resp: 76961

Ion Ratio Lower Upper

167 100

166 22.9 18.2 27.2

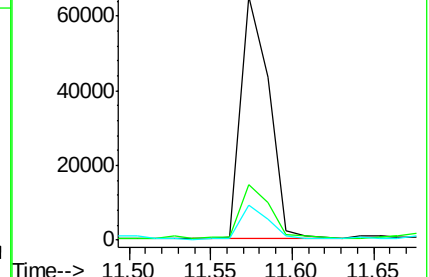
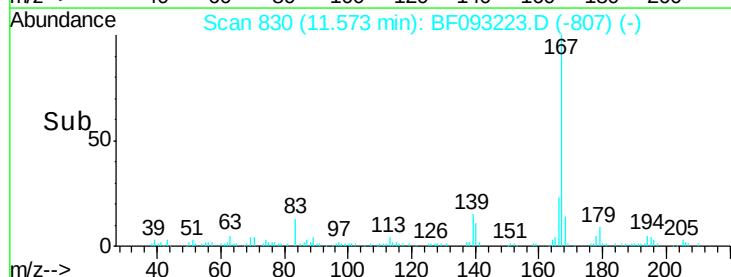
139 14.5 11.4 17.2

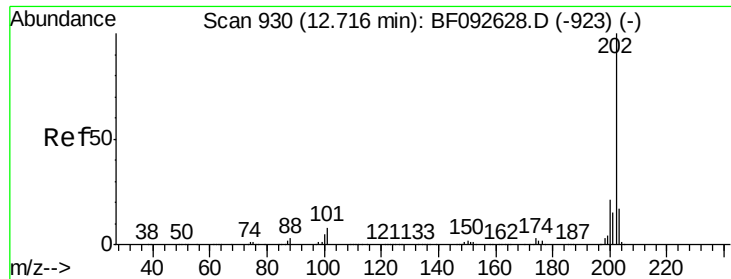


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 43.05 ng

RT: 12.56 min Scan# 916

Delta R.T. -0.03 min

Lab File: BF093223.D

Acq: 27 Feb 2017 23:51

Instrument :

BNA_F

ClientSampleId :

E2-B1E-SSW-1

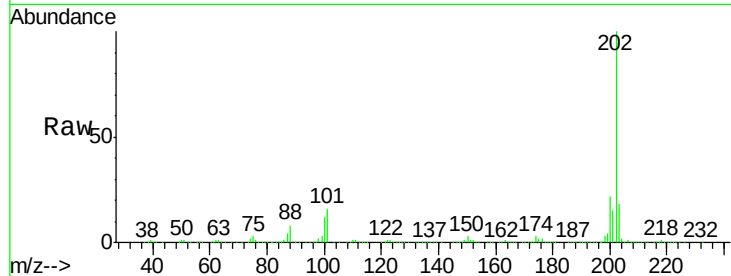
Tgt Ion:202 Resp: 1285885

Ion Ratio Lower Upper

202 100

101 15.8 0.0 34.6

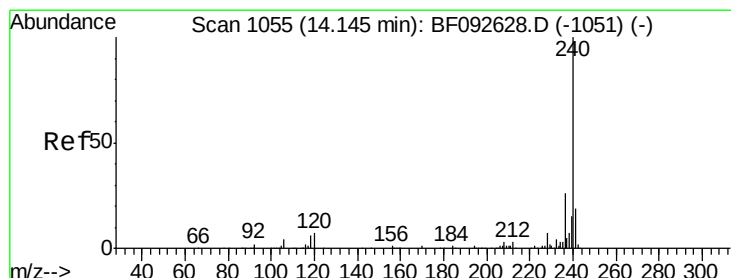
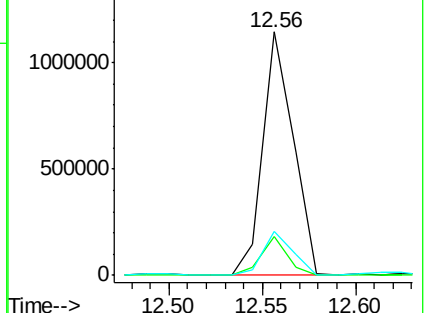
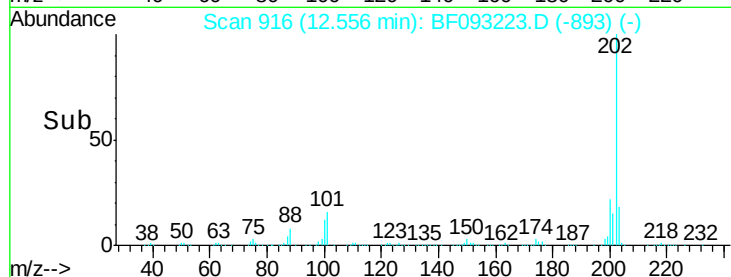
203 17.9 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.03 min

Lab File: BF093223.D

Acq: 27 Feb 2017 23:51

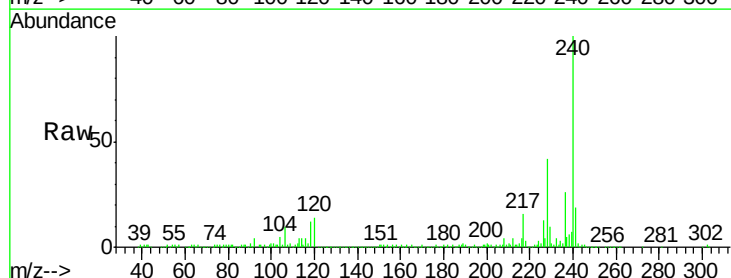
Tgt Ion:240 Resp: 357066

Ion Ratio Lower Upper

240 100

120 14.2 12.9 19.3

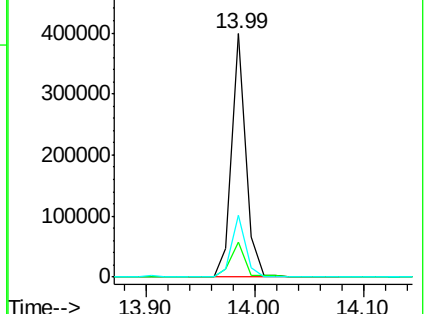
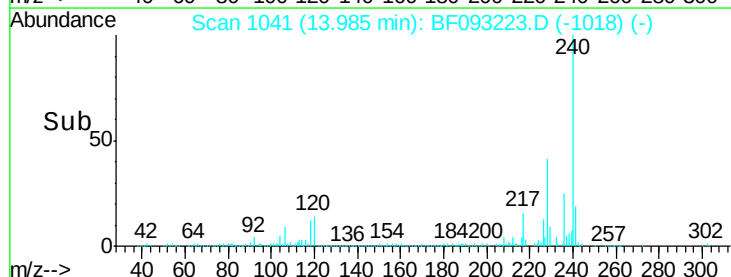
236 25.6 20.9 31.3

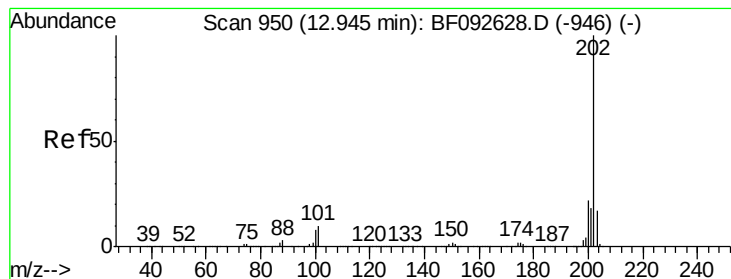


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 48.60 ng

RT: 12.78 min Scan# 936

Delta R.T. -0.03 min

Lab File: BF093223.D

Acq: 27 Feb 2017 23:51

Instrument :

BNA_F

ClientSampleId :

E2-B1E-SSW-1

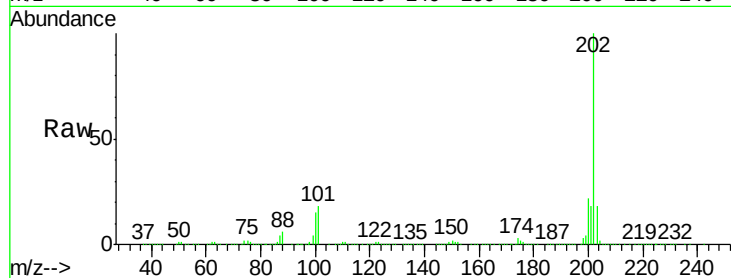
Tgt Ion:202 Resp: 1298732

Ion Ratio Lower Upper

202 100

200 22.1 17.7 26.5

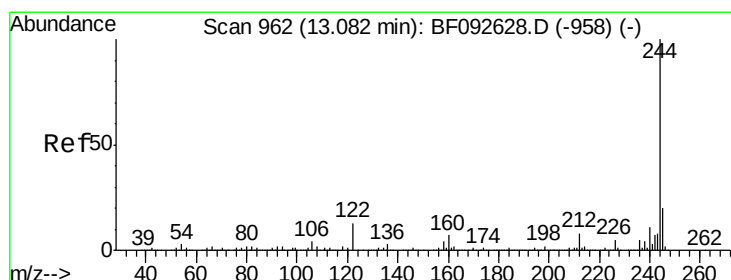
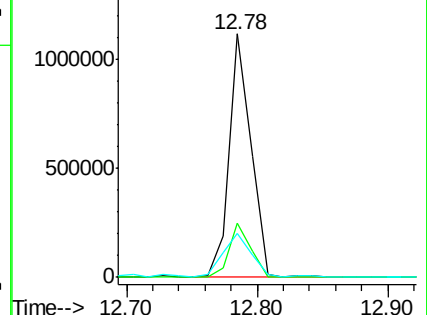
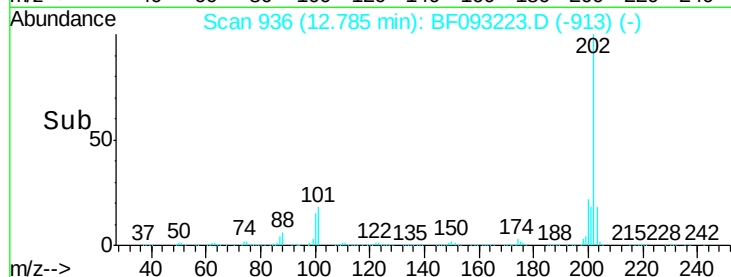
203 18.3 14.7 22.1



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: 62.25 ng

RT: 12.93 min Scan# 949

Delta R.T. -0.03 min

Lab File: BF093223.D

Acq: 27 Feb 2017 23:51

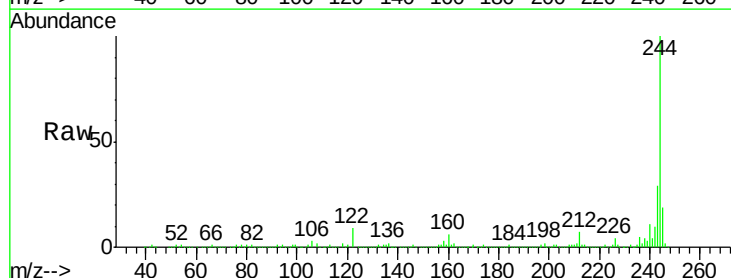
Tgt Ion:244 Resp: 945972

Ion Ratio Lower Upper

244 100

212 7.0 6.2 9.2

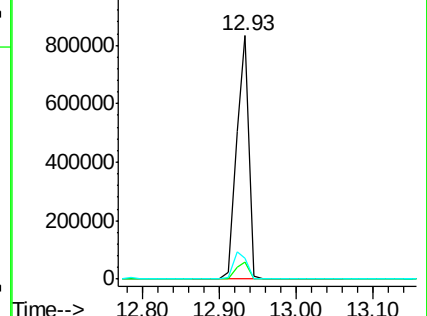
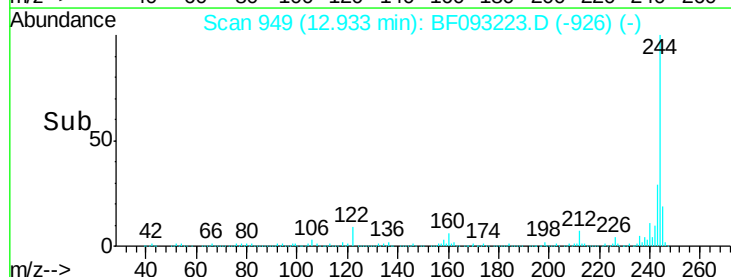
122 8.6 11.4 17.2#

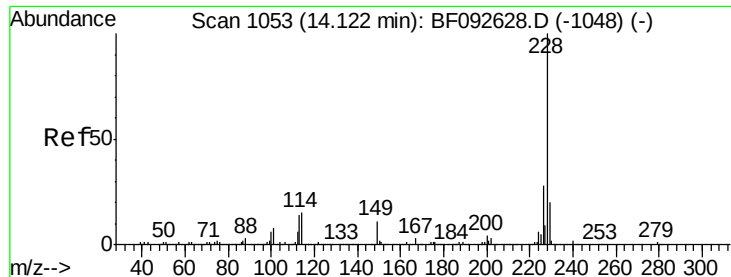


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 29.12 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.03 min

Lab File: BF093223.D

Acq: 27 Feb 2017 23:51

Instrument :

BNA_F

ClientSampleId :

E2-B1E-SSW-1

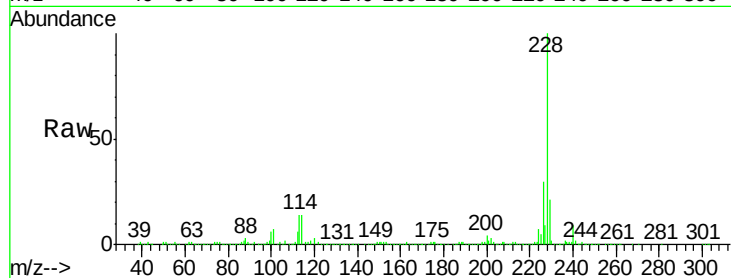
Tgt Ion:228 Resp: 635891

Ion Ratio Lower Upper

228 100

226 29.6 22.4 33.6

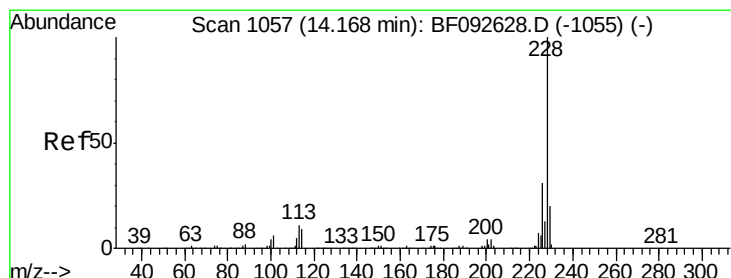
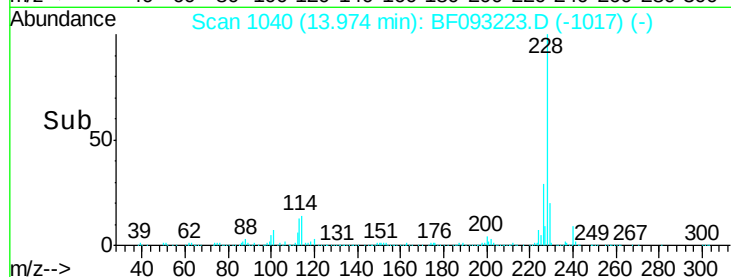
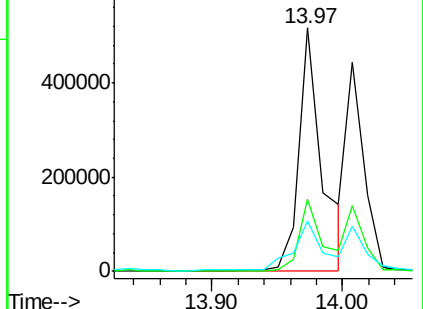
229 20.7 16.2 24.4



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: 20.53 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.03 min

Lab File: BF093223.D

Acq: 27 Feb 2017 23:51

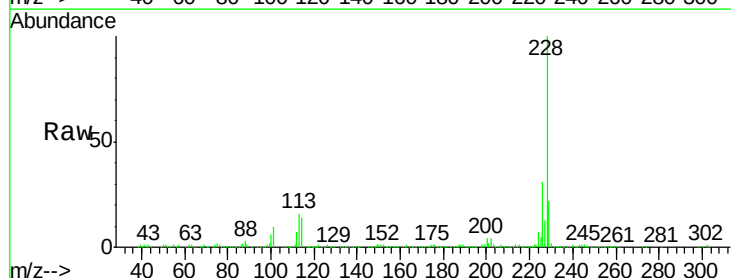
Tgt Ion:228 Resp: 419805

Ion Ratio Lower Upper

228 100

226 31.3 25.4 38.0

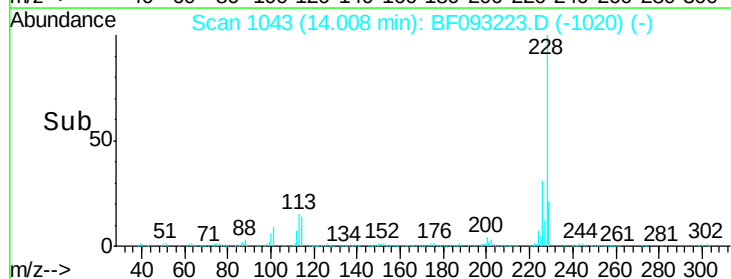
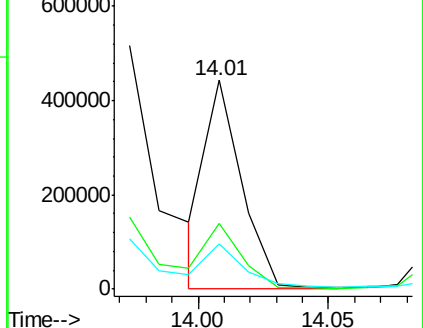
229 21.9 16.2 24.2

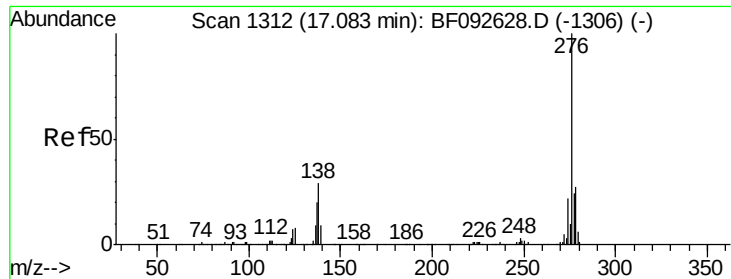


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

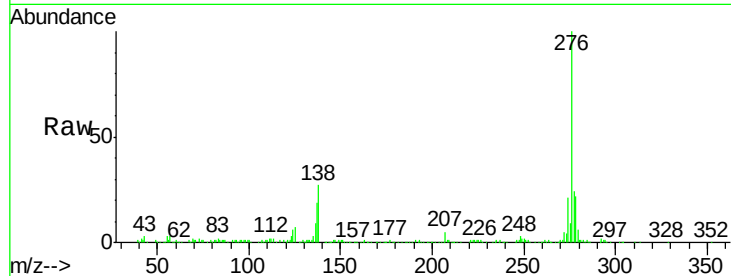




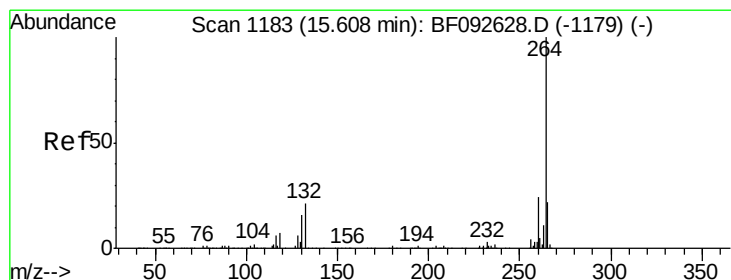
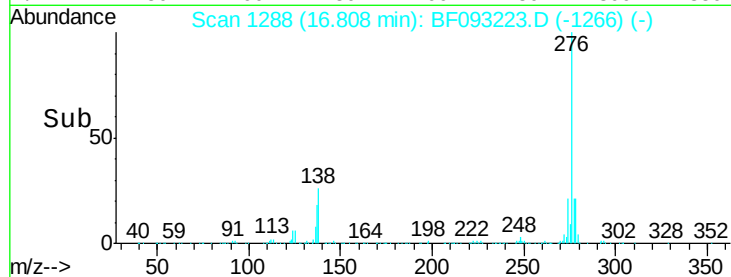
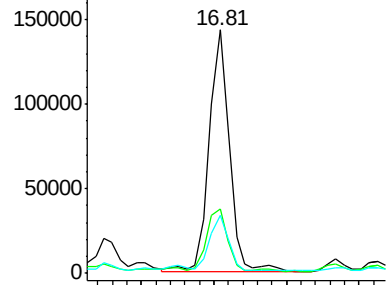
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 17.57 ng
 RT: 16.81 min Scan# 1288
 Delta R.T. -0.05 min
 Lab File: BF093223.D
 Acq: 27 Feb 2017 23:51

Instrument :
 BNA_F
 ClientSampleId :
 E2-B1E-SSW-1

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.4	21.8	32.6
277	21.8	20.2	30.4

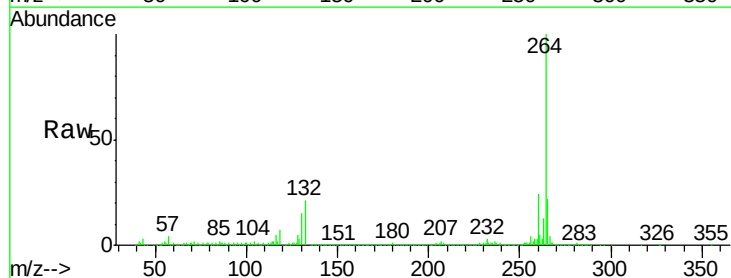


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

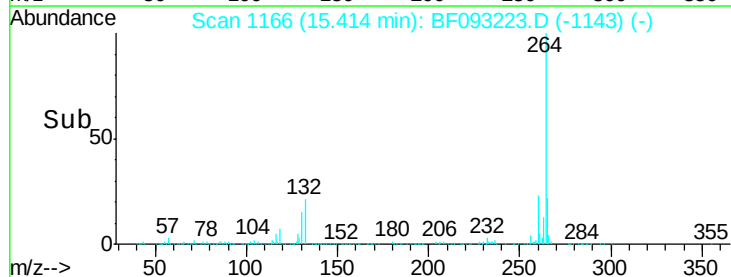
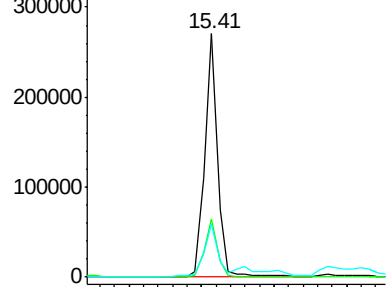


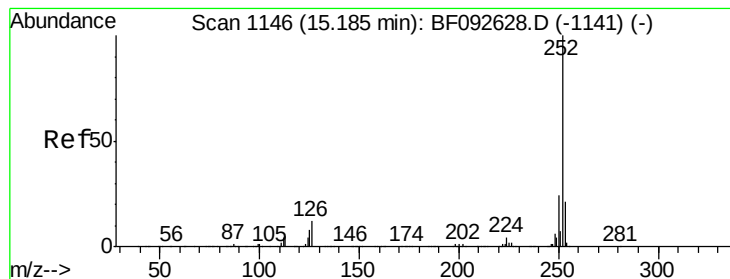
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1166
 Delta R.T. -0.03 min
 Lab File: BF093223.D
 Acq: 27 Feb 2017 23:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.9	17.4	26.0



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: 37.03 ng

RT: 15.00 min Scan# 1130

Delta R.T. -0.03 min

Lab File: BF093223.D

Acq: 27 Feb 2017 23:51

Instrument :

BNA_F

ClientSampleId :

E2-B1E-SSW-1

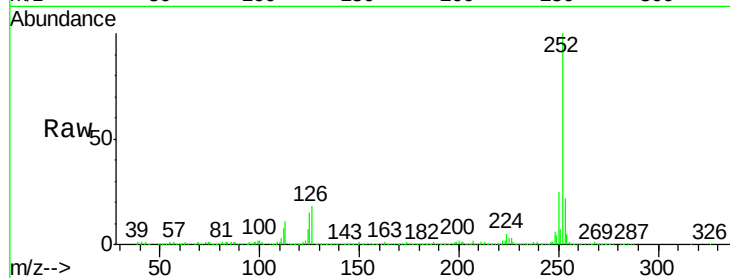
Tgt Ion:252 Resp: 810946

Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.4

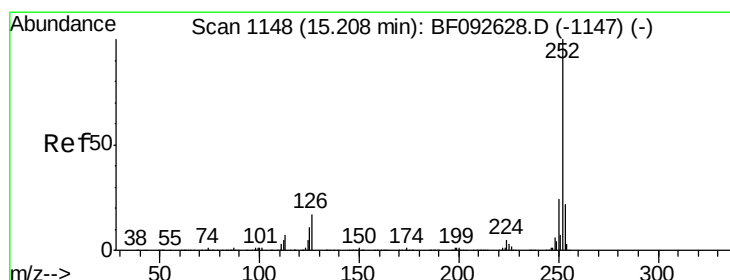
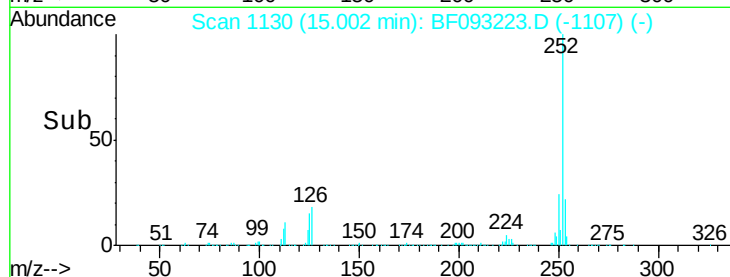
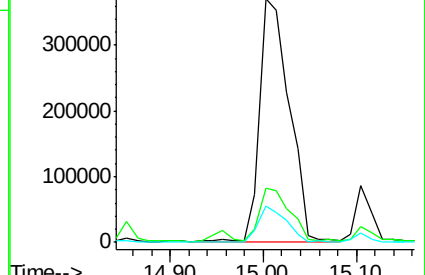
125 14.9 9.8 14.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 42.89 ng

RT: 15.00 min Scan# 1130

Delta R.T. -0.07 min

Lab File: BF093223.D

Acq: 27 Feb 2017 23:51

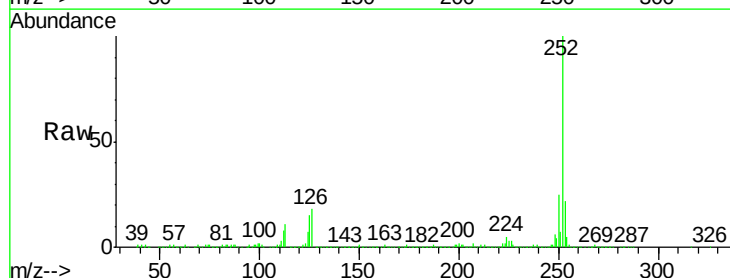
Tgt Ion:252 Resp: 810946

Ion Ratio Lower Upper

252 100

253 22.5 18.5 27.7

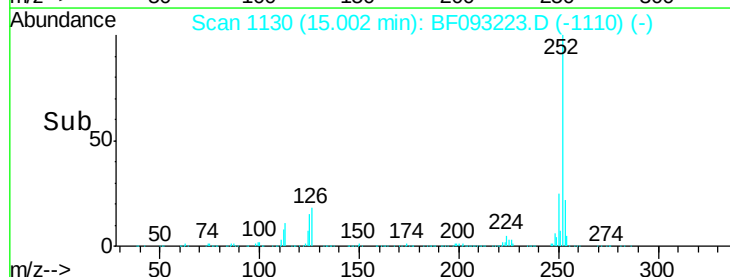
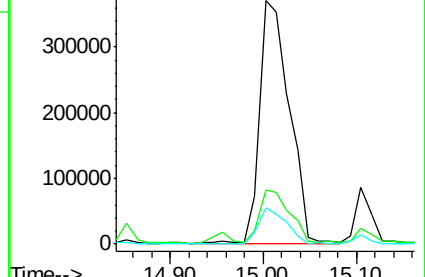
125 14.9 8.9 13.3#

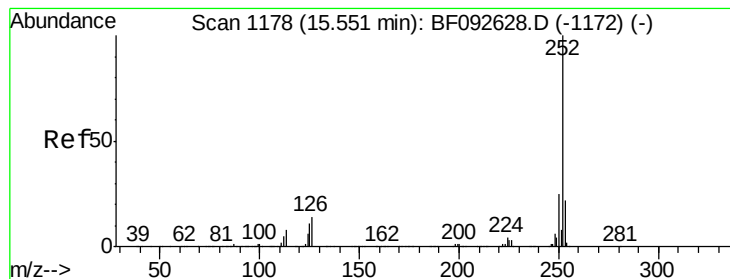


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 25.48 ng

RT: 15.36 min Scan# 1161

Delta R.T. -0.03 min

Lab File: BF093223.D

Acq: 27 Feb 2017 23:51

Instrument :

BNA_F

ClientSampleId :

E2-B1E-SSW-1

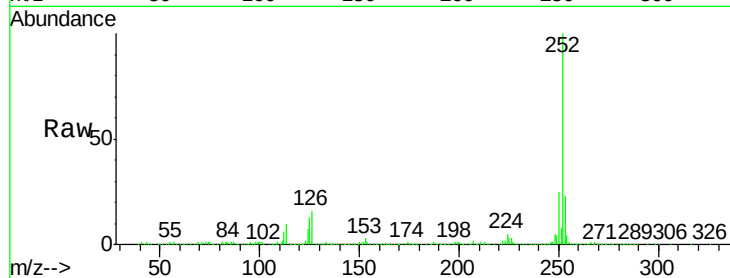
Tgt Ion:252 Resp: 482747

Ion Ratio Lower Upper

252 100

253 23.1 18.2 27.2

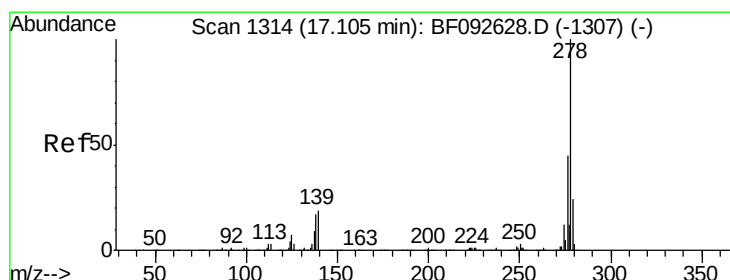
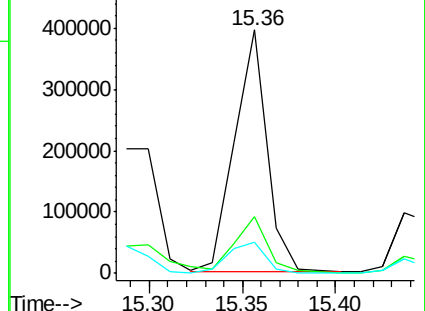
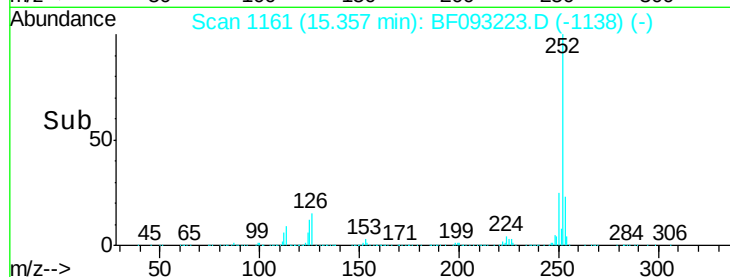
125 12.6 10.0 15.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 3.27 ng

RT: 16.97 min Scan# 1302

Delta R.T. 0.10 min

Lab File: BF093223.D

Acq: 27 Feb 2017 23:51

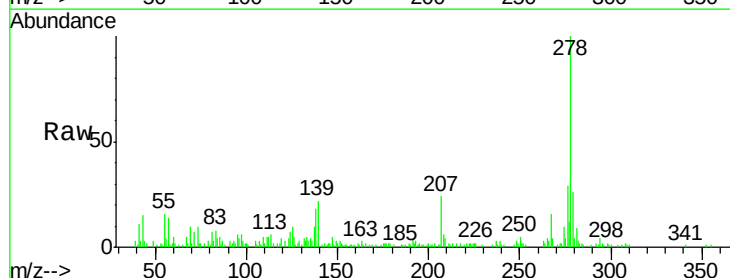
Tgt Ion:278 Resp: 50111

Ion Ratio Lower Upper

278 100

139 21.8 14.8 22.2

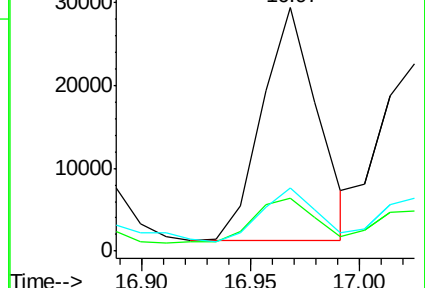
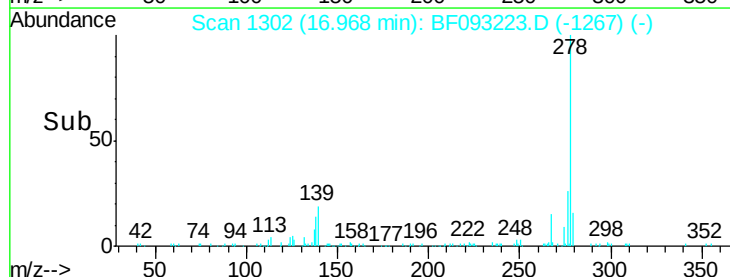
279 26.0 19.8 29.6

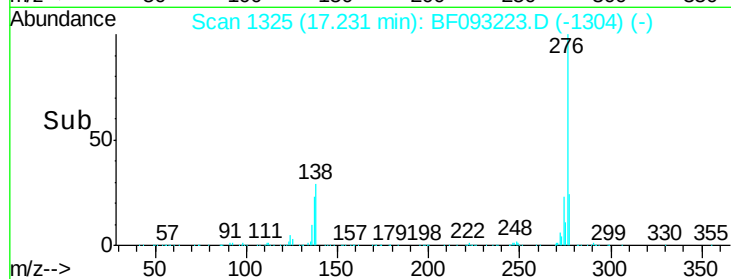
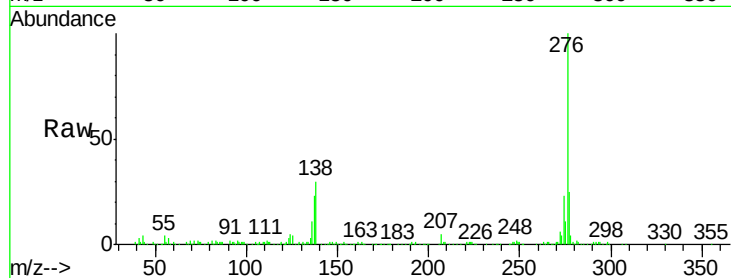
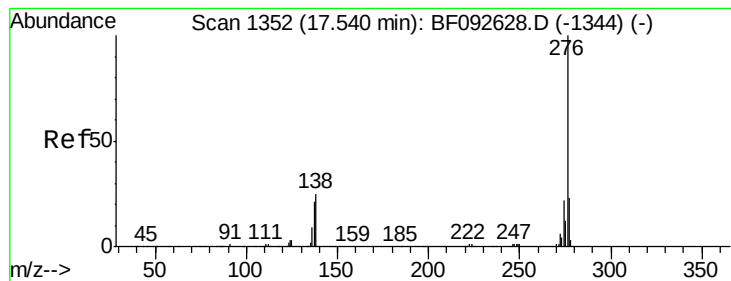


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 16.74 ng

RT: 17.23 min Scan# 1325

Delta R.T. -0.06 min

Lab File: BF093223.D

Acq: 27 Feb 2017 23:51

Instrument :

BNA_F

ClientSampleId :

E2-B1E-SSW-1

Tgt Ion: 276 Resp: 258846

Ion Ratio Lower Upper

276 100

277 24.7 19.2 28.8

138 30.1 16.0 24.0#

