

Data File : BF093189.D
Acq On : 25 Feb 2017 13:32
Operator : SJ/MA
Sample : I1972-16
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-B1-SW-1

Quant Time: Feb 26 23:42:27 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	6.83	152	149641	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	526721	20.00	ng	-0.02
38) Acenaphthene-d10	9.88	164	230922	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	331369	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	283942	20.00	ng	-0.01
86) Perylene-d12	15.45	264	254560	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1132226	129.81	ng	-0.01
7) Phenol-d6	6.49	99	1447342	128.97	ng	0.00
23) Nitrobenzene-d5	7.40	82	822930	87.00	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	174971	104.76	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1292308	101.39	ng	-0.01
78) Terphenyl-d14	12.96	244	838103	69.35	ng	-0.01

Target Compounds						Qvalue
10) Phenol	6.50	94	66986	5.10	ng	# 66
19) n-Nitroso-di-n-propylamine	7.40	70	113869	15.94	ng	# 84
25) Isophorone	7.40	82	778535	44.17	ng	# 65
31) Naphthalene	8.14	128	208706	7.82	ng	99
32) Benzoic acid	7.93	122	5065	8.10	ng	# 52
33) 4-Chloroaniline	8.14	127	27464	2.62	ng	# 31
37) 2-Methylnaphthalene	8.84	142	78348	4.57	ng	95
48) Acenaphthylene	9.74	152	252340	11.17	ng	97
49) Dimethylphthalate	9.60	163	158762	10.21	ng	# 99
53) 2,4-Dinitrophenol	10.17	184	718	5.13	ng	# 68
54) Dibenzofuran	10.09	168	64529	3.57	ng	# 90
57) Fluorene	10.43	166	40780	2.93	ng	93
64) 4,6-Dinitro-2-methylphenol	10.69	198	2245	3.72	ng	# 1
66) 4-Bromophenyl-phenylether	10.67	248	13300	3.84	ng	# 1
69) Pentachlorophenol	11.18	266	5232	9.90	ng	95
70) Phenanthrene	11.39	178	484995	25.55	ng	97
71) Anthracene	11.44	178	253787	13.31	ng	99
72) Carbazole	11.60	167	67164	3.69	ng	100
74) Fluoranthene	12.58	202	965895	49.32	ng	98
77) Pyrene	12.81	202	919829	43.29	ng	99
80) Benzo(a)anthracene	14.00	228	734765	42.31	ng	94
82) Chrysene	14.00	228	734765	45.19	ng	98
85) Indeno(1,2,3-cd)pyrene	16.87	276	309780	24.60	ng	98
87) Benzo(b)fluoranthene	15.05	252	1168145	69.72	ng	99
88) Benzo(k)fluoranthene	15.05	252	1168145	80.75	ng	# 98
89) Benzo(a)pyrene	15.39	252	465591	32.12	ng	# 96
90) Dibenzo(a,h)anthracene	16.87	278	91647	7.82	ng	# 89
91) Benzo(g,h,i)perylene	17.30	276	259339	21.92	ng	# 92

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

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Instrument :

BNA_F

ClientSampleId :

E2-B1-SW-1

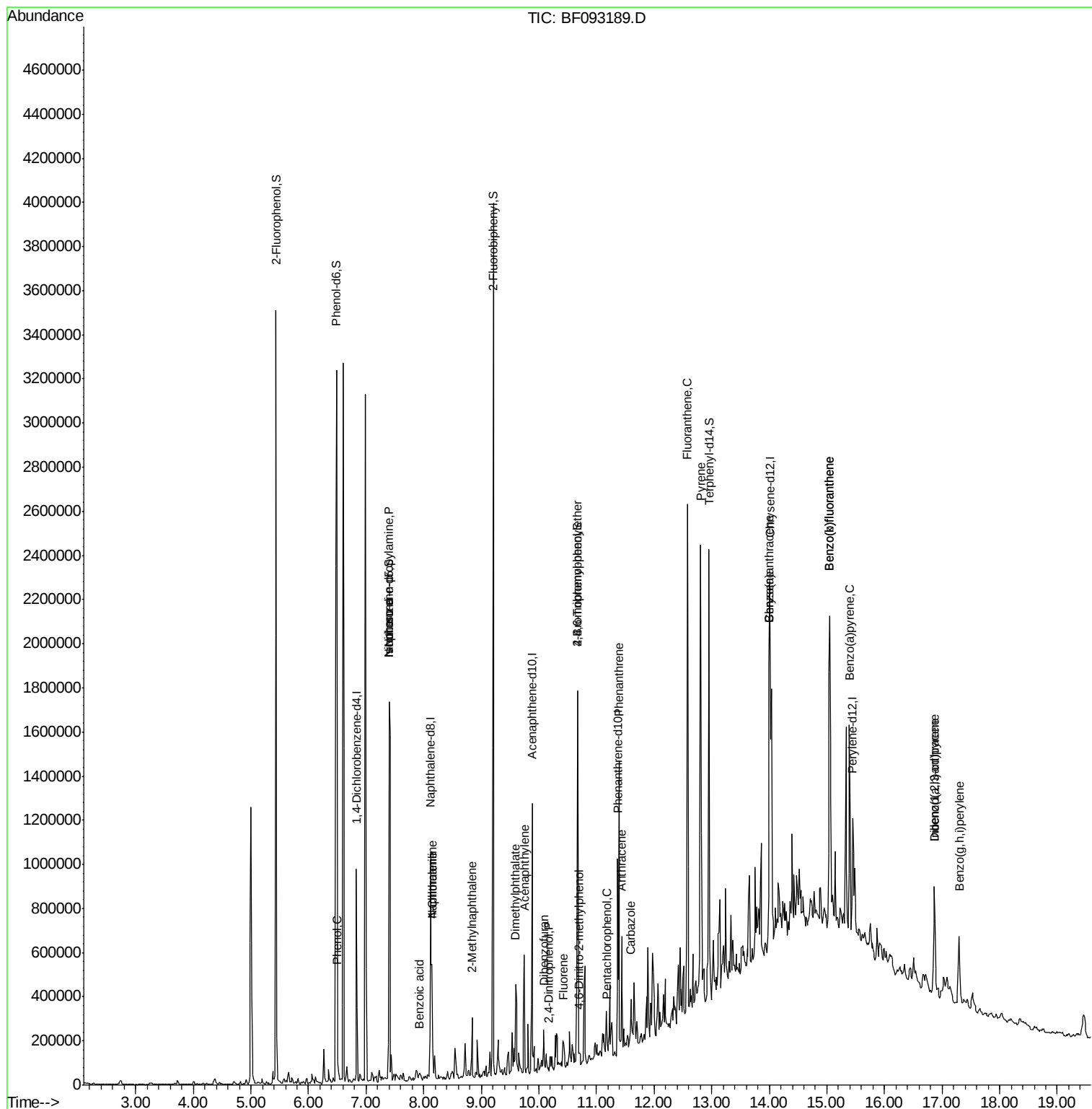
Quant Time: Feb 26 23:42:27 2017

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.02 min

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Instrument :

BNA_F

ClientSampleId :

E2-B1-SW-1

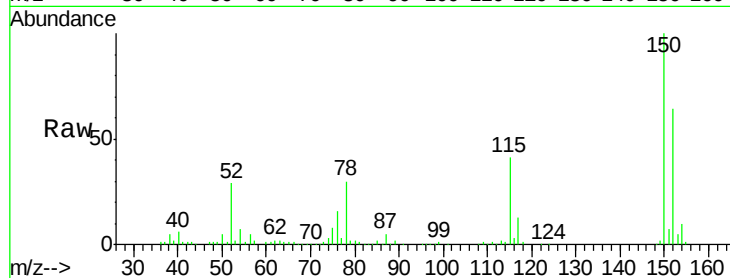
Tgt Ion:152 Resp: 149641

Ion Ratio Lower Upper

152 100

150 157.3 124.9 187.3

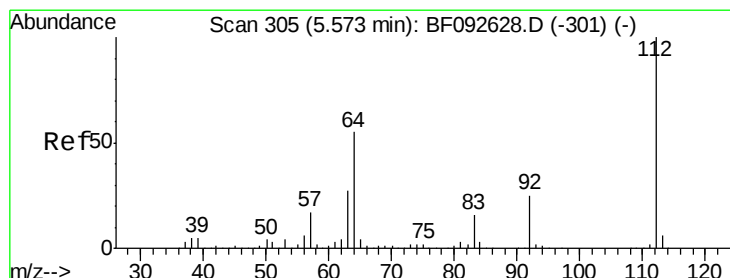
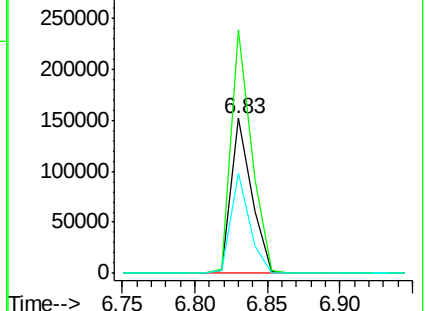
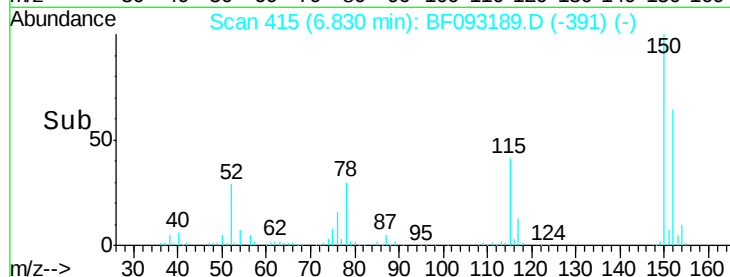
115 65.2 46.0 69.0



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: 129.81 ng

RT: 5.44 min Scan# 293

Delta R.T. -0.01 min

Lab File: BF093189.D

Acq: 25 Feb 2017 13:32

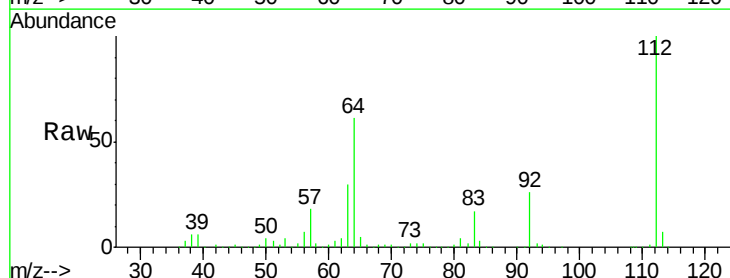
Tgt Ion:112 Resp: 1132226

Ion Ratio Lower Upper

112 100

64 61.3 46.1 69.1

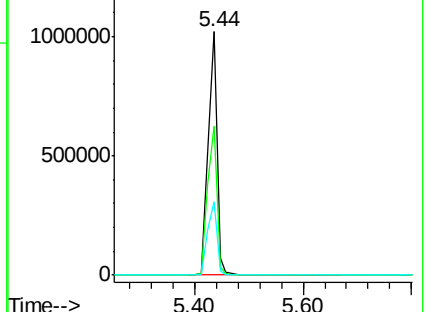
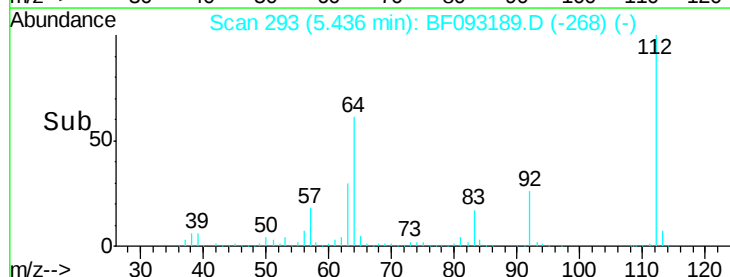
63 30.3 23.8 35.6

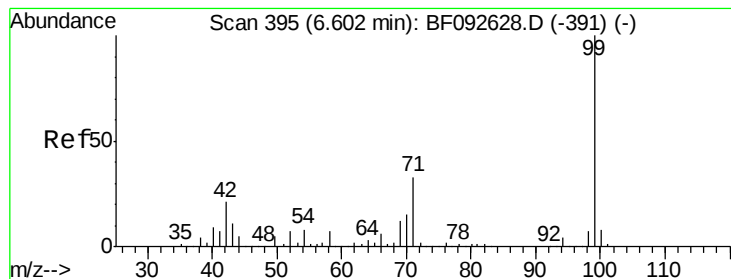


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 128.97 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF093189.D

Acq: 25 Feb 2017 13:32

Instrument :

BNA_F

ClientSampleId :

E2-B1-SW-1

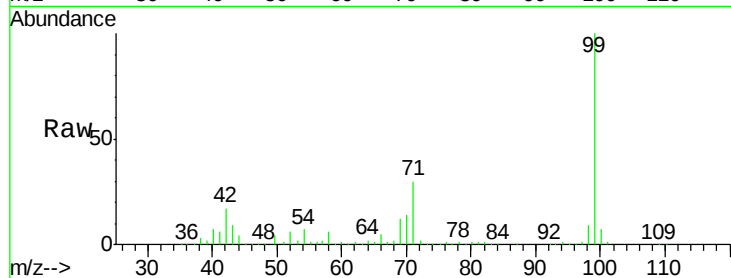
Tgt Ion: 99 Resp: 1447342

Ion Ratio Lower Upper

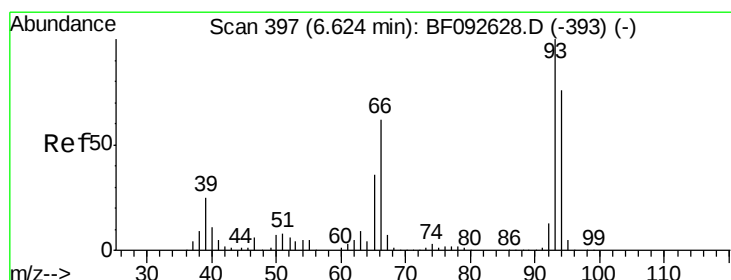
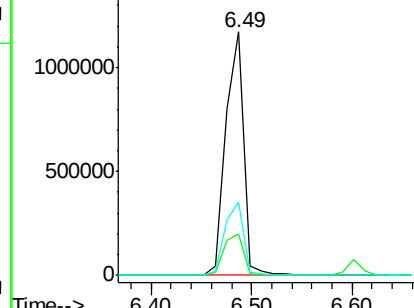
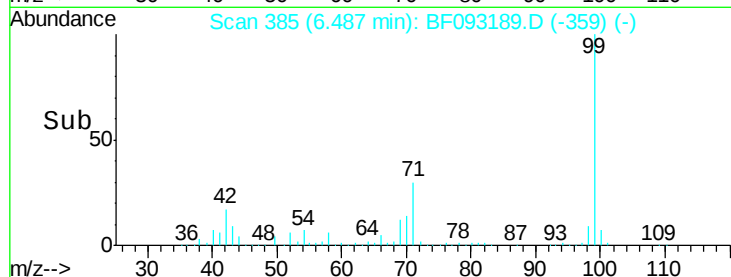
99 100

42 17.1 15.6 23.4

71 30.1 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



#10

Phenol

Concen: 5.10 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF093189.D

Acq: 25 Feb 2017 13:32

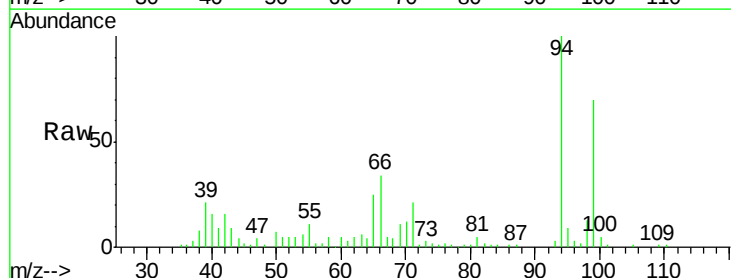
Tgt Ion: 94 Resp: 66986

Ion Ratio Lower Upper

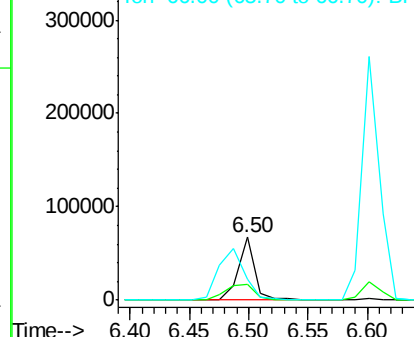
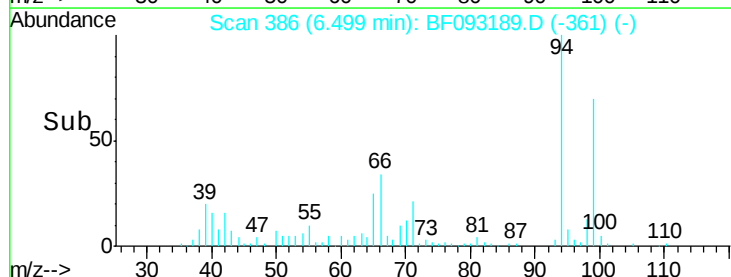
94 100

65 24.6 21.4 61.4

66 33.9 44.0 84.0#



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

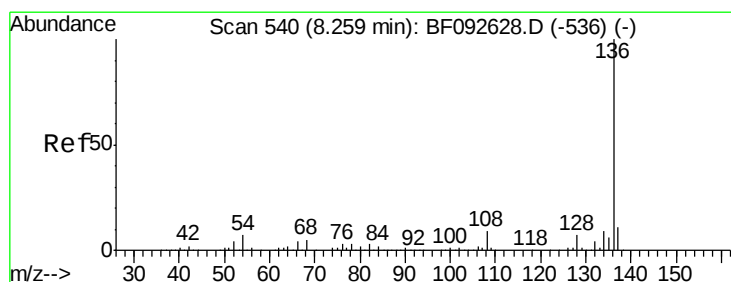
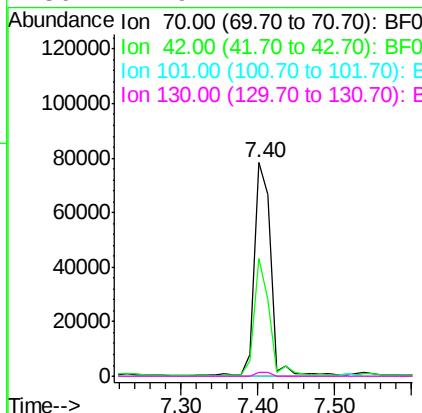
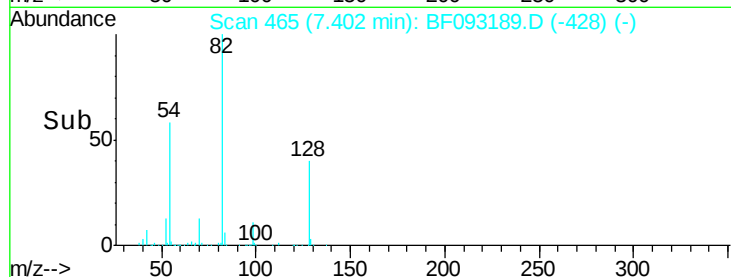
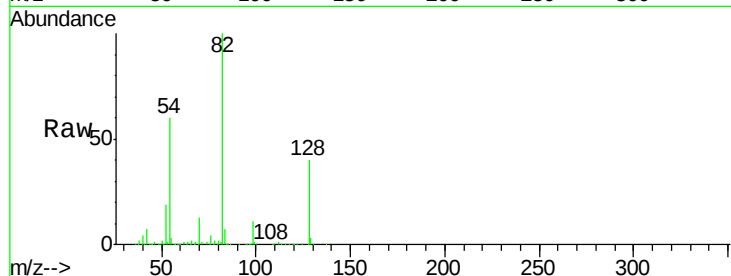




#19
n-Nitroso-di-n-propylamine
Concen: 15.94 ng
RT: 7.40 min Scan# 465
Delta R.T. 0.13 min
Lab File: BF093189.D
Acq: 25 Feb 2017 13:32

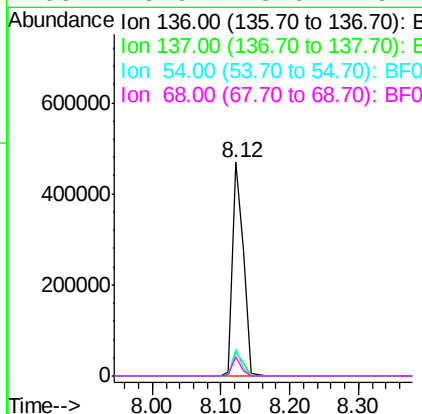
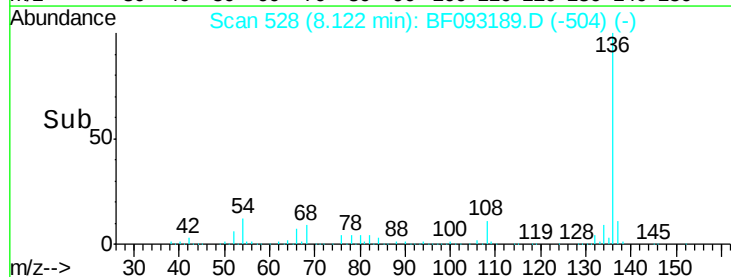
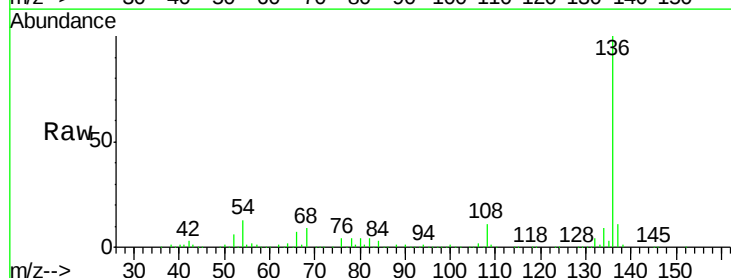
Instrument :
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E2-B1-SW-1

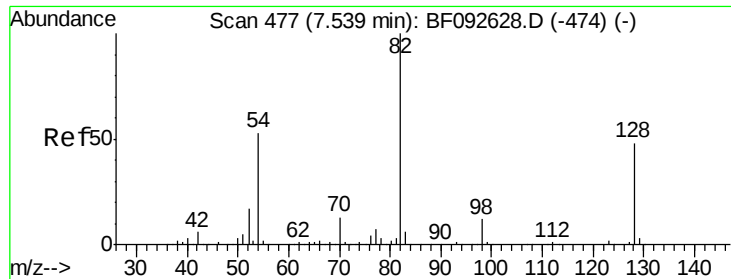
Tgt Ion: 70 Resp: 113869
Ion Ratio Lower Upper
70 100
42 55.1 49.4 74.0
101 0.0 7.4 11.2#
130 1.9 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.02 min
Lab File: BF093189.D
Acq: 25 Feb 2017 13:32

Tgt Ion: 136 Resp: 526721
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 12.6 4.5 6.7#
68 8.9 3.6 5.4#

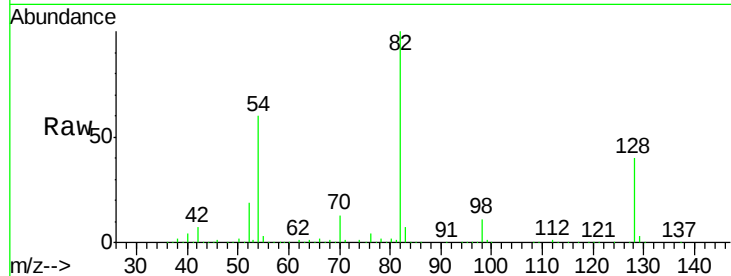




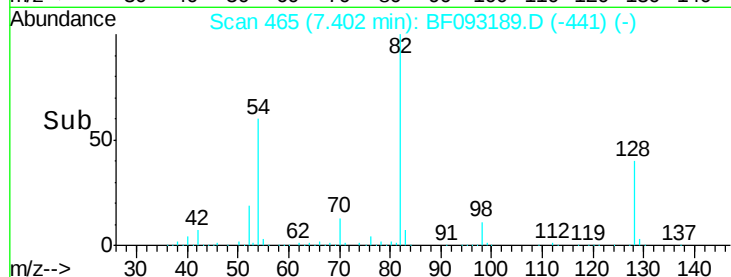
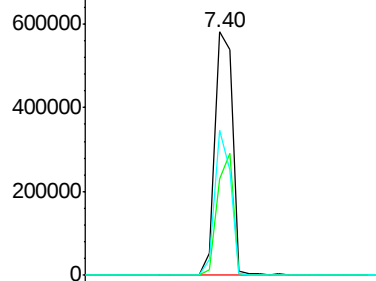
#23
Nitrobenzene-d5
Concen: 87.00 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.02 min
Lab File: BF093189.D
Acq: 25 Feb 2017 13:32

Instrument :
BNA_F
ClientSampleId :
E2-B1-SW-1

Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.8	34.6	52.0
54	59.8	39.5	59.3#

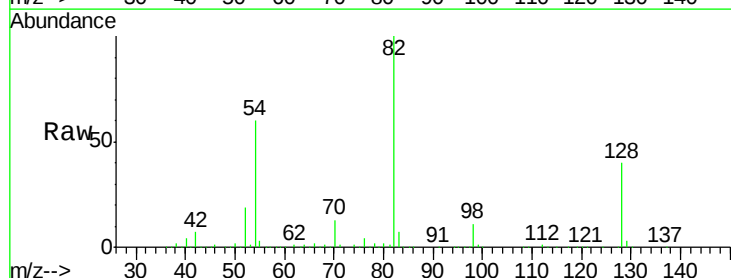


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

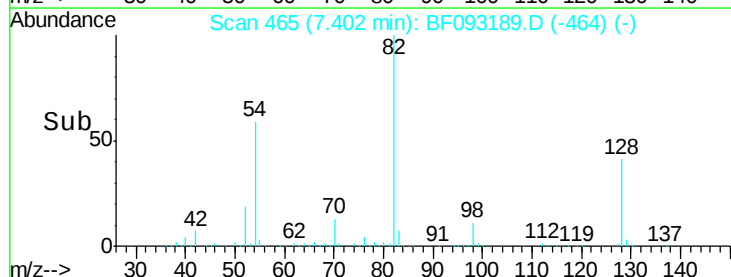
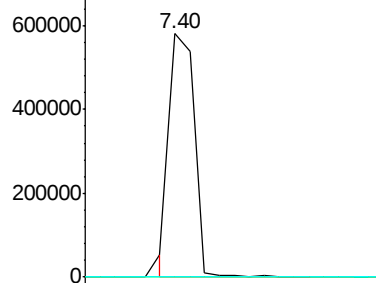


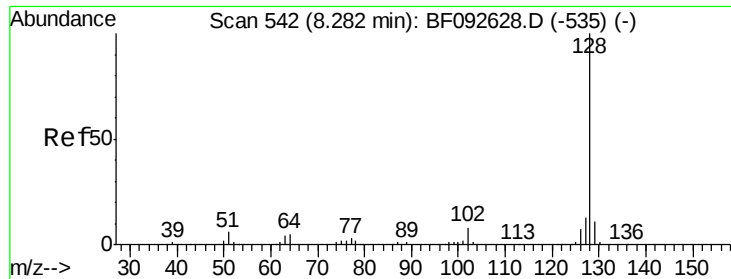
#25
Isophorone
Concen: 44.17 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.29 min
Lab File: BF093189.D
Acq: 25 Feb 2017 13:32

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.2	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

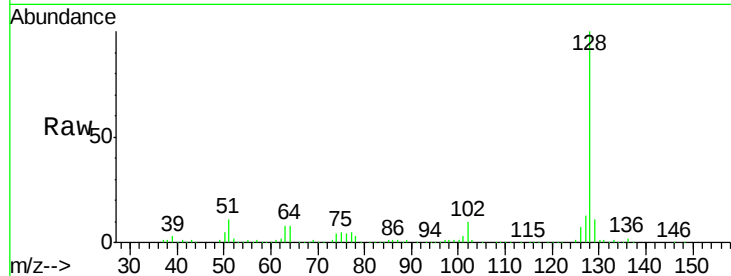




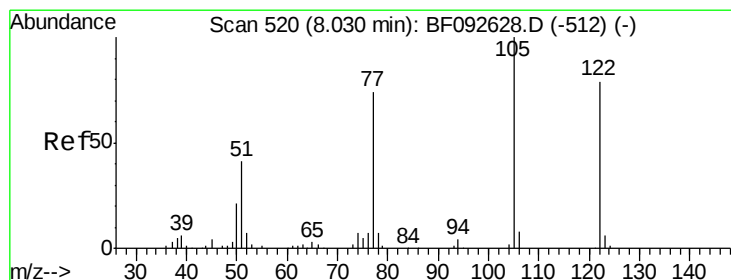
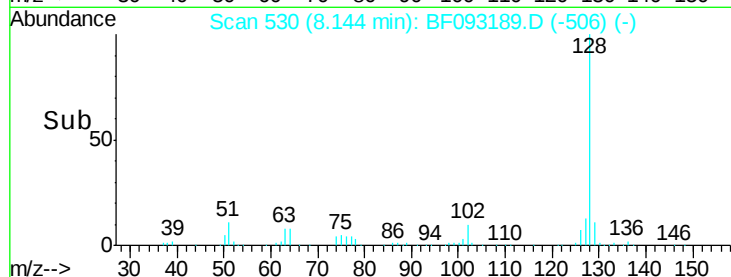
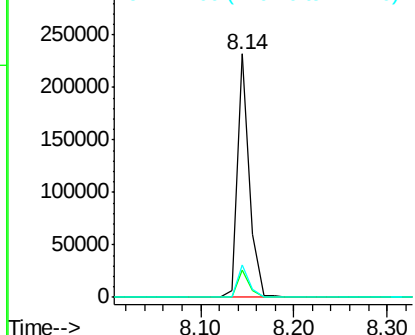
#31
Naphthalene
Concen: 7.82 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.02 min
Lab File: BF093189.D
Acq: 25 Feb 2017 13:32

Instrument :
BNA_F
ClientSampleId :
E2-B1-SW-1

Tgt Ion:128 Resp: 208706
Ion Ratio Lower Upper
128 100
129 11.3 9.5 14.3
127 13.1 10.8 16.2

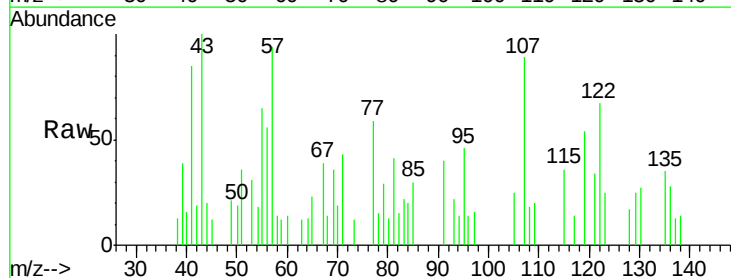


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

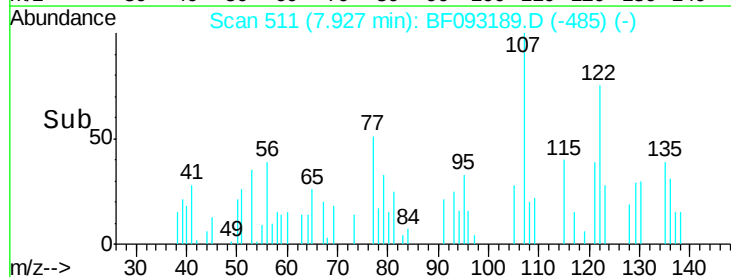
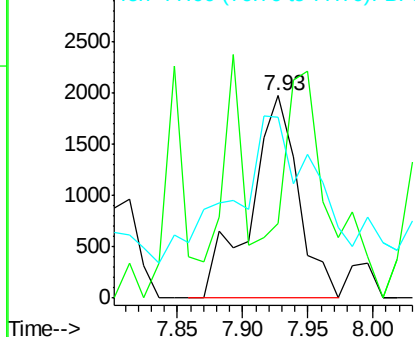


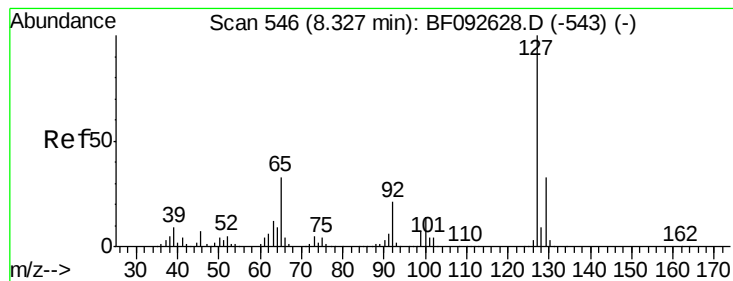
#32
Benzoic acid
Concen: 8.10 ng
RT: 7.93 min Scan# 511
Delta R.T. -0.00 min
Lab File: BF093189.D
Acq: 25 Feb 2017 13:32

Tgt Ion:122 Resp: 5065
Ion Ratio Lower Upper
122 100
105 36.7 107.2 147.2#
77 89.0 74.5 114.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 2.62 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.07 min

Lab File: BF093189.D

Acq: 25 Feb 2017 13:32

Instrument :

BNA_F

ClientSampleId :

E2-B1-SW-1

Tgt Ion:127 Resp: 27464

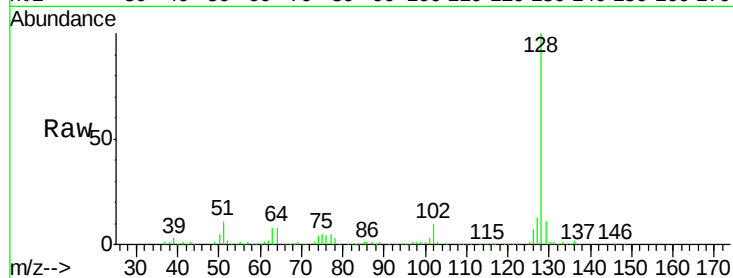
Ion Ratio Lower Upper

127 100

129 86.3 26.3 39.5#

65 0.0 25.8 38.8#

92 0.0 16.1 24.1#

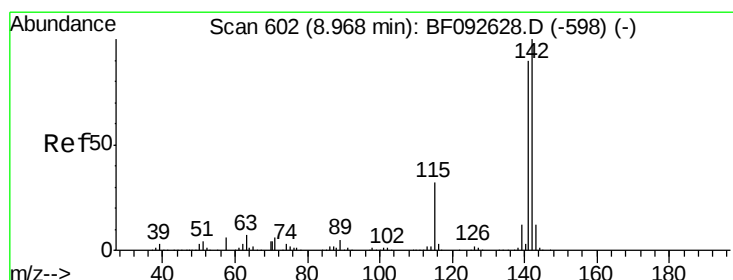
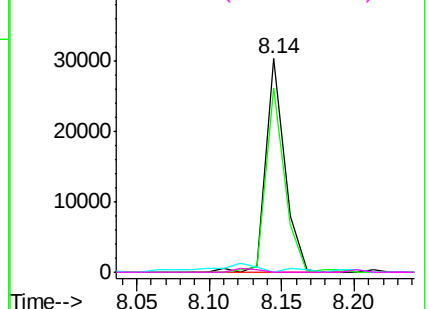
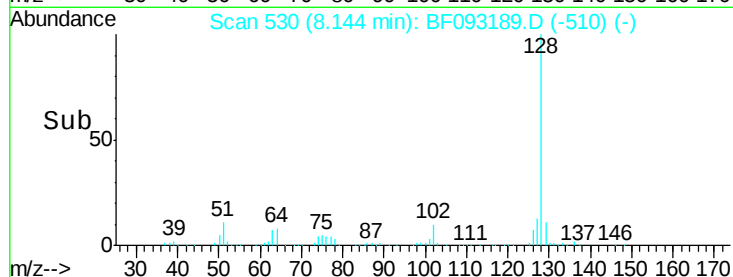


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#37

2-Methylnaphthalene

Concen: 4.57 ng

RT: 8.84 min Scan# 591

Delta R.T. -0.01 min

Lab File: BF093189.D

Acq: 25 Feb 2017 13:32

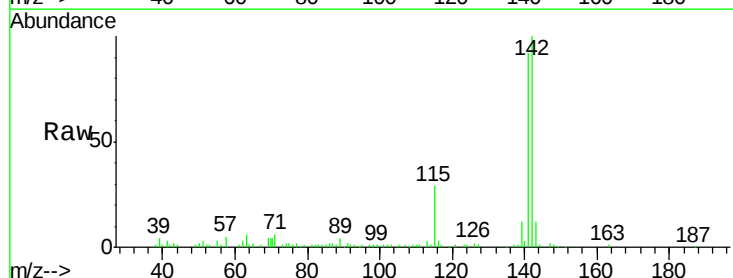
Tgt Ion:142 Resp: 78348

Ion Ratio Lower Upper

142 100

141 91.8 71.0 106.6

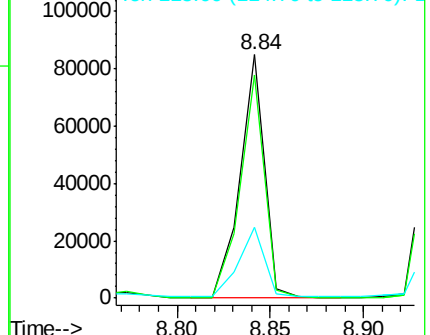
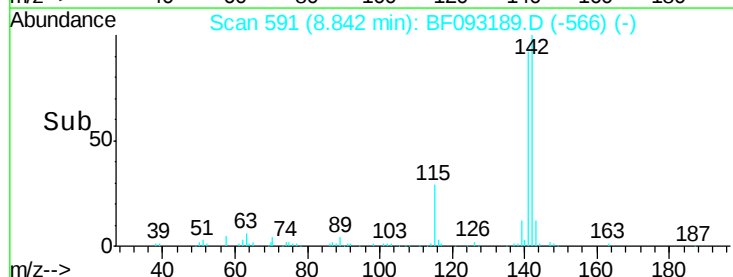
115 29.1 28.3 42.5

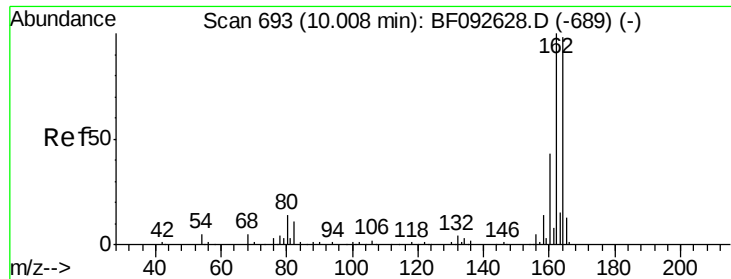


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

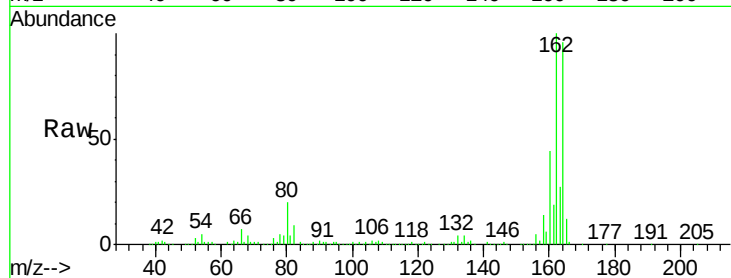




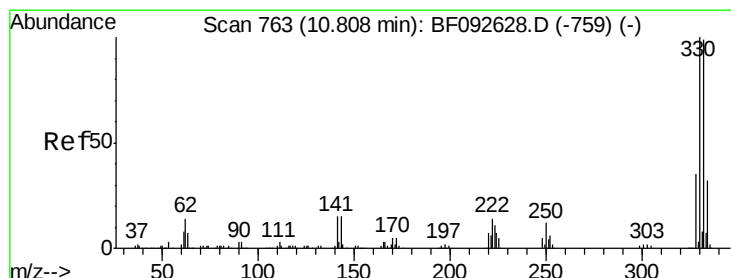
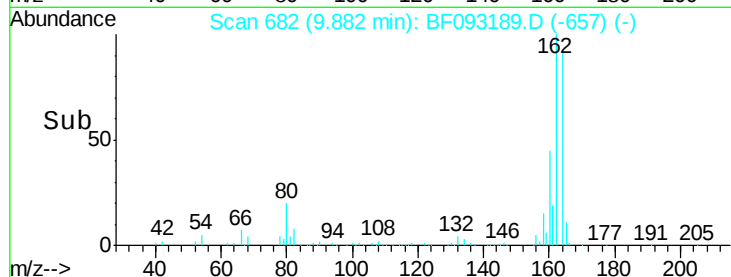
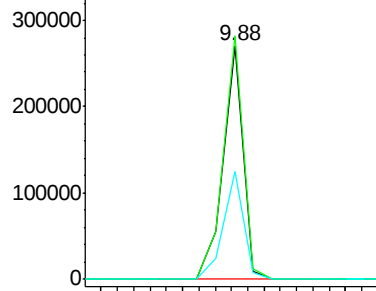
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF093189.D
Acq: 25 Feb 2017 13:32

Instrument :
BNA_F
ClientSampleId :
E2-B1-SW-1

Tgt Ion:164 Resp: 230922
Ion Ratio Lower Upper
164 100
162 104.3 80.2 120.2
160 46.3 36.9 55.3

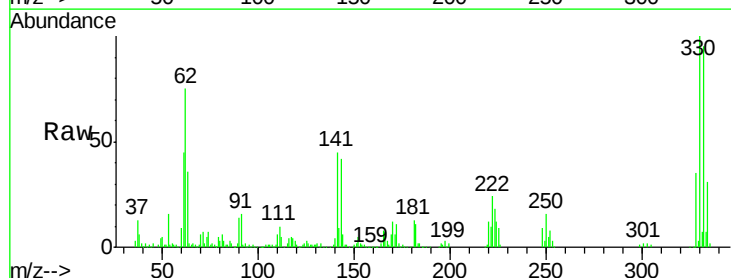


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

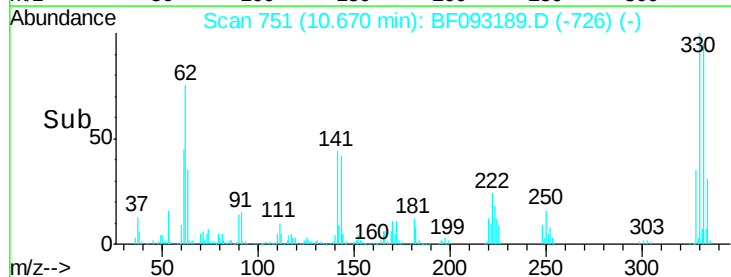
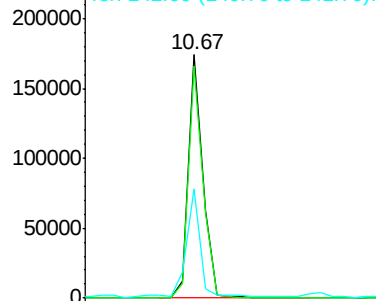


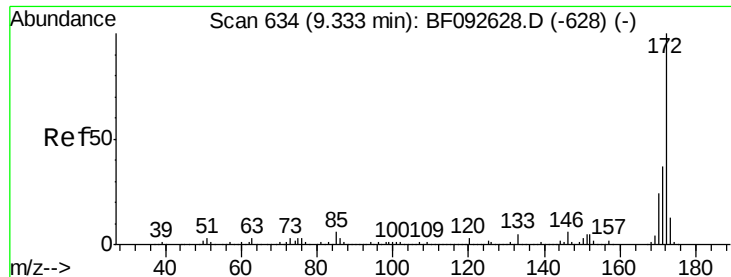
#41
2,4,6-Tribromophenol
Concen: 104.76 ng
RT: 10.67 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF093189.D
Acq: 25 Feb 2017 13:32

Tgt Ion:330 Resp: 174971
Ion Ratio Lower Upper
330 100
332 95.0 77.4 116.2
141 43.5 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

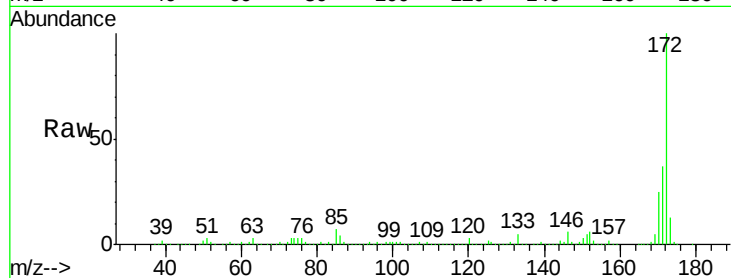




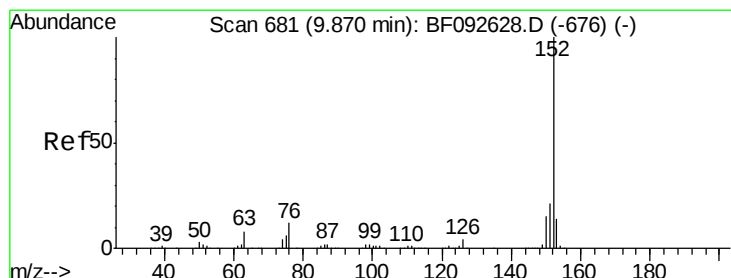
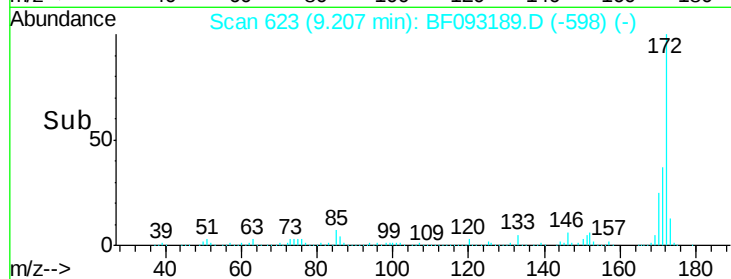
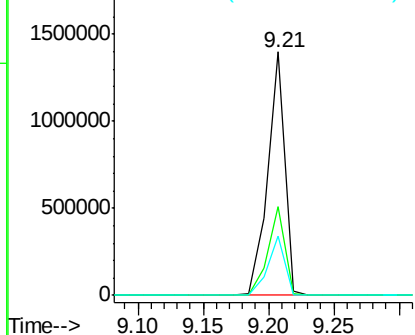
#44
 2-Fluorobiphenyl
 Concen: 101.39 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF093189.D
 Acq: 25 Feb 2017 13:32

Instrument :
 BNA_F
 ClientSampleId :
 E2-B1-SW-1

Tgt Ion:172 Resp: 1292308
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.4 44.0
 170 24.5 20.2 30.4

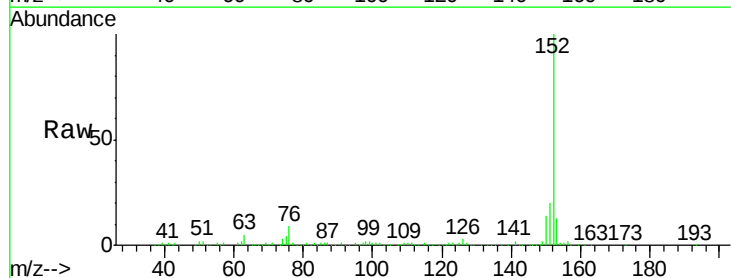


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

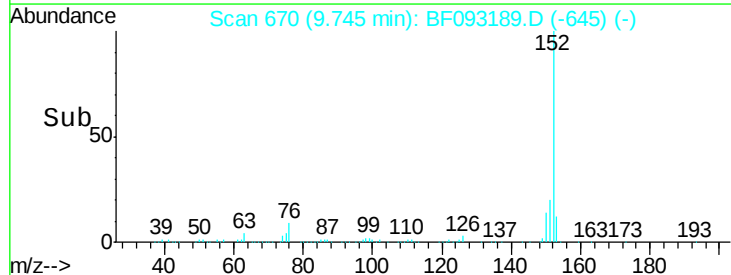
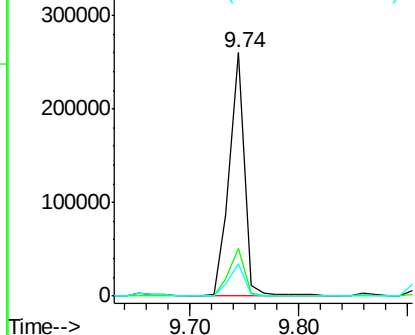


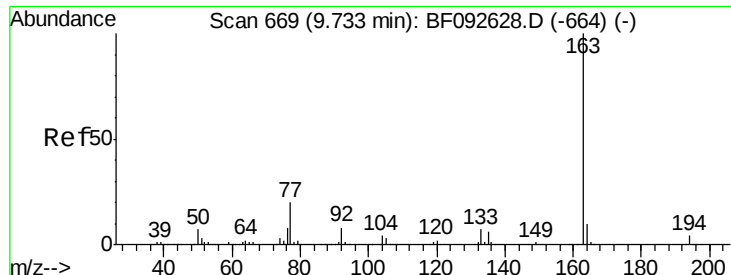
#48
 Acenaphthylene
 Concen: 11.17 ng
 RT: 9.74 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: BF093189.D
 Acq: 25 Feb 2017 13:32

Tgt Ion:152 Resp: 252340
 Ion Ratio Lower Upper
 152 100
 151 19.7 16.9 25.3
 153 13.2 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E
 Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 10.21 ng

RT: 9.60 min Scan# 657

Delta R.T. -0.02 min

Lab File: BF093189.D

Acq: 25 Feb 2017 13:32

Instrument :

BNA_F

ClientSampleId :

E2-B1-SW-1

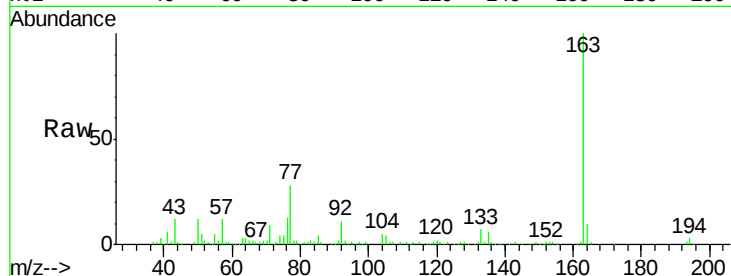
Tgt Ion:163 Resp: 158762

Ion Ratio Lower Upper

163 100

194 2.9 3.0 4.4#

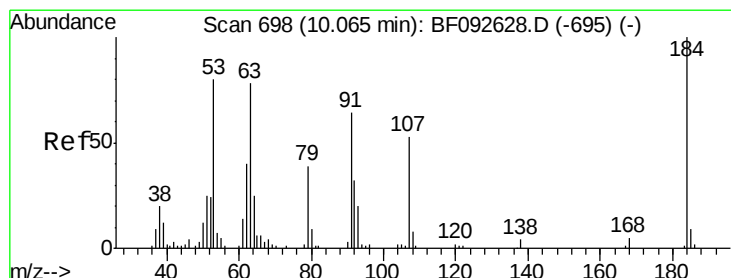
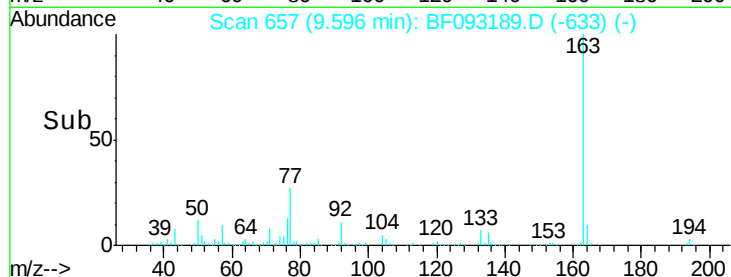
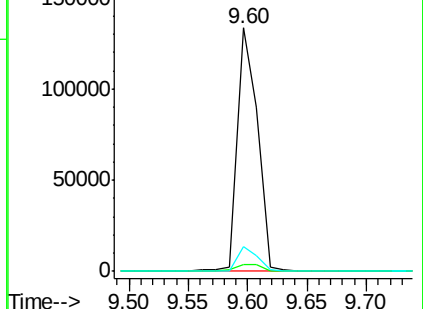
164 10.2 8.0 12.0



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



#53

2,4-Dinitrophenol

Concen: 5.13 ng

RT: 10.17 min Scan# 707

Delta R.T. 0.21 min

Lab File: BF093189.D

Acq: 25 Feb 2017 13:32

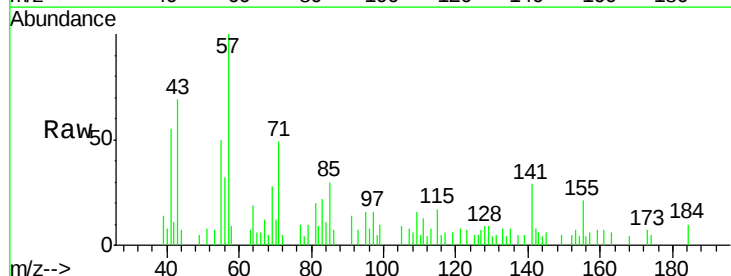
Tgt Ion:184 Resp: 718

Ion Ratio Lower Upper

184 100

63 68.8 28.4 42.6#

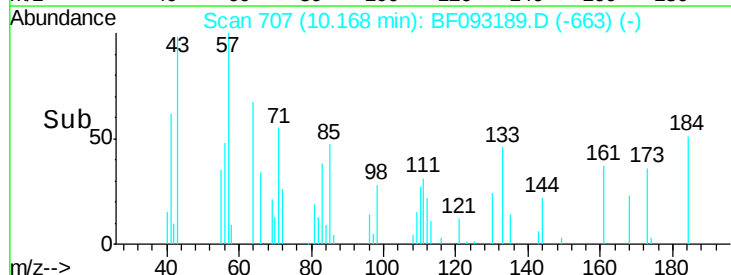
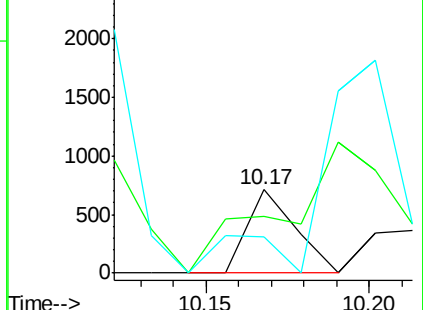
154 43.3 44.3 66.5#

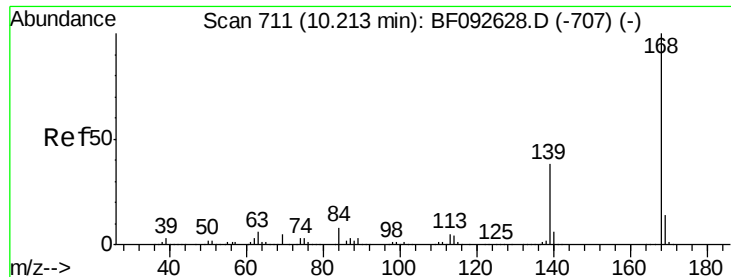


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 3.57 ng

RT: 10.09 min Scan# 700

Delta R.T. -0.01 min

Lab File: BF093189.D

Acq: 25 Feb 2017 13:32

Instrument :

BNA_F

ClientSampleId :

E2-B1-SW-1

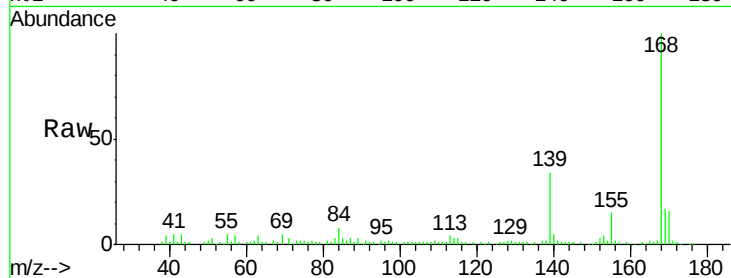
Tgt Ion:168 Resp: 64529

Ion Ratio Lower Upper

168 100

139 34.3 32.6 49.0

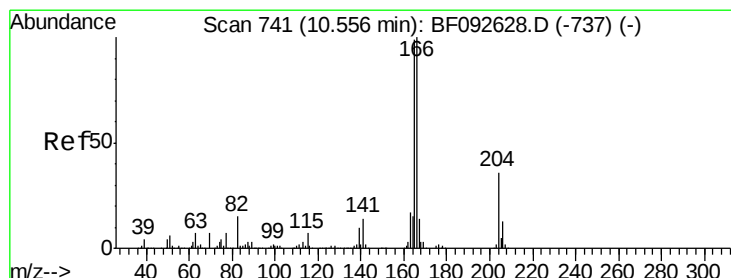
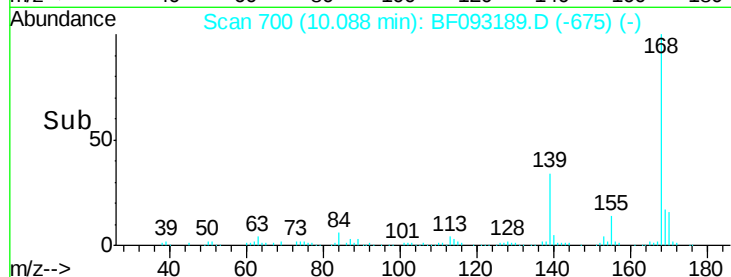
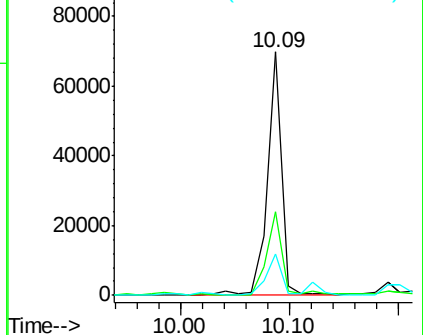
169 17.2 11.3 16.9#



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



#57

Fluorene

Concen: 2.93 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF093189.D

Acq: 25 Feb 2017 13:32

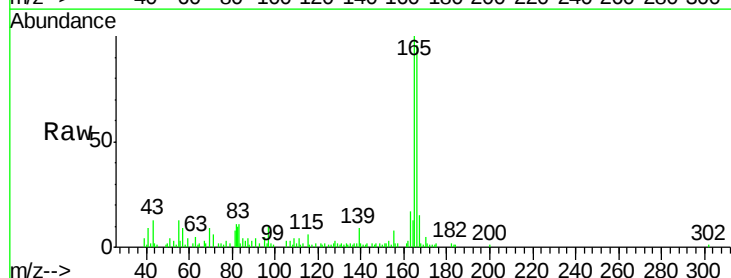
Tgt Ion:166 Resp: 40780

Ion Ratio Lower Upper

166 100

165 104.6 77.8 116.8

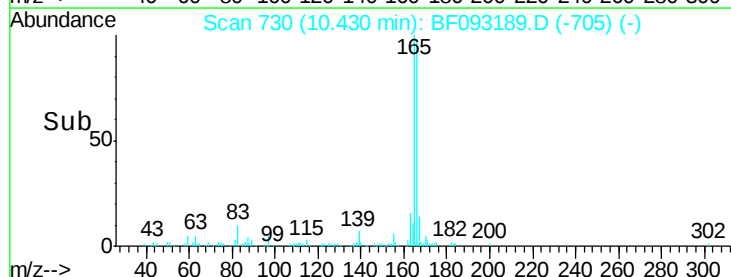
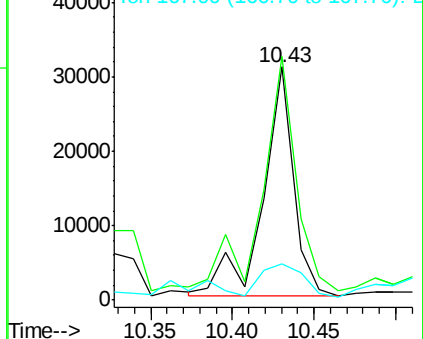
167 15.5 10.8 16.2

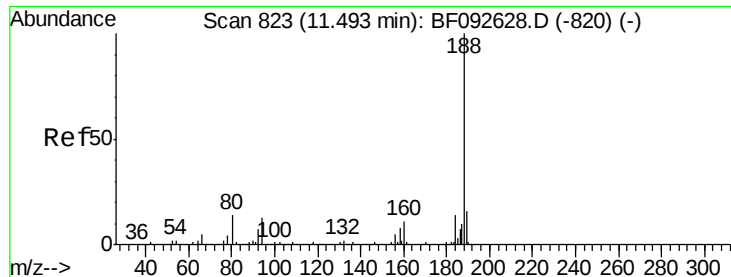


Abundance Ion 166.00 (165.70 to 166.70): E

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: 11.37 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF093189.D

Acq: 25 Feb 2017 13:32

Instrument :

BNA_F

ClientSampleId :

E2-B1-SW-1

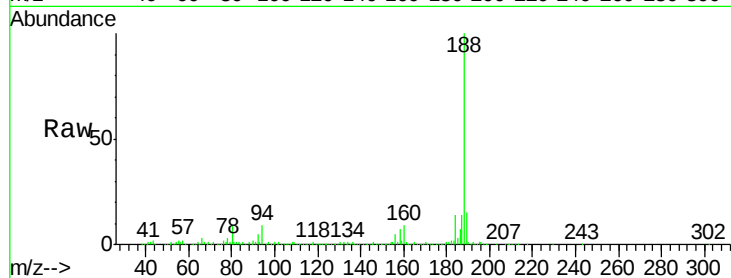
Tgt Ion:188 Resp: 331369

Ion Ratio Lower Upper

188 100

94 9.5 10.0 15.0#

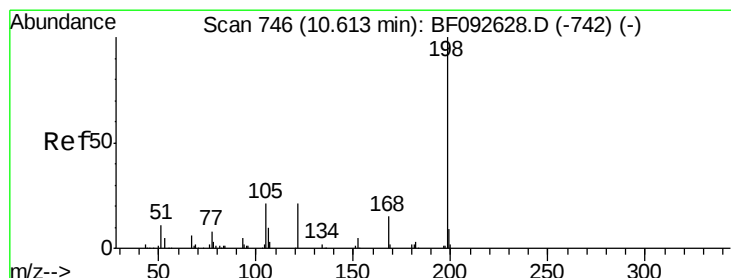
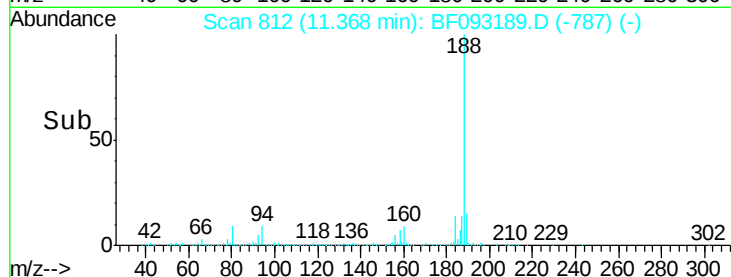
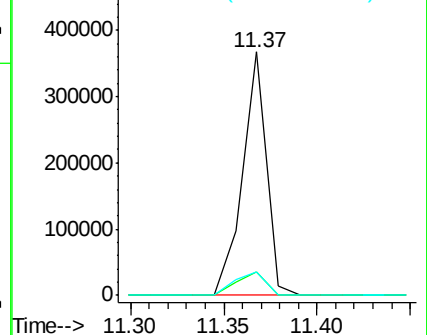
80 9.4 11.2 16.8#



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: 3.72 ng

RT: 10.69 min Scan# 753

Delta R.T. 0.19 min

Lab File: BF093189.D

Acq: 25 Feb 2017 13:32

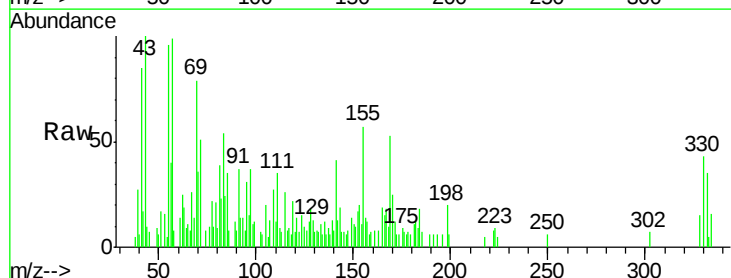
Tgt Ion:198 Resp: 2245

Ion Ratio Lower Upper

198 100

51 83.0 6.7 46.7#

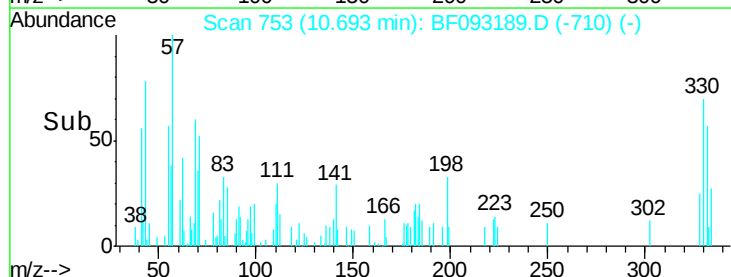
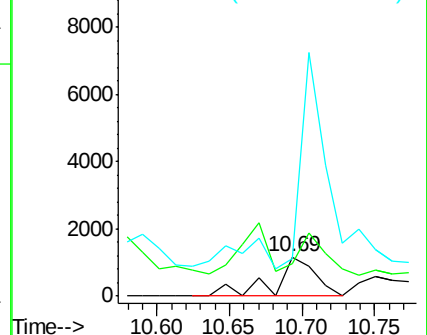
105 97.1 16.6 56.6#

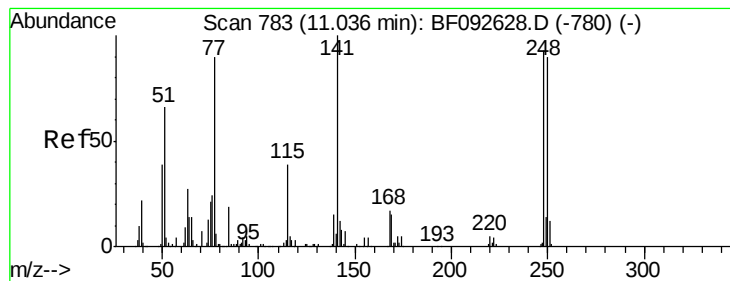


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#66

4-Bromophenyl-phenylether

Concen: 3.84 ng

RT: 10.67 min Scan# 751

Delta R.T. -0.25 min

Lab File: BF093189.D

Acq: 25 Feb 2017 13:32

Instrument :

BNA_F

ClientSampleId :

E2-B1-SW-1

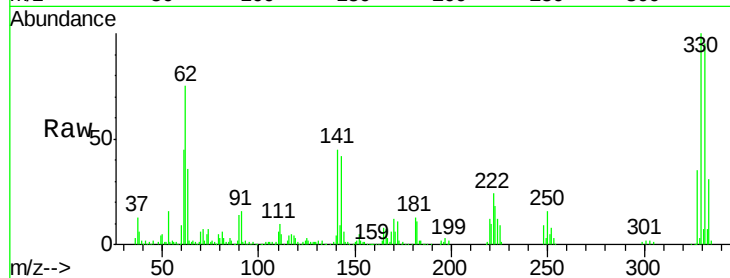
Tgt Ion:248 Resp: 13300

Ion Ratio Lower Upper

248 100

250 185.0 76.9 115.3#

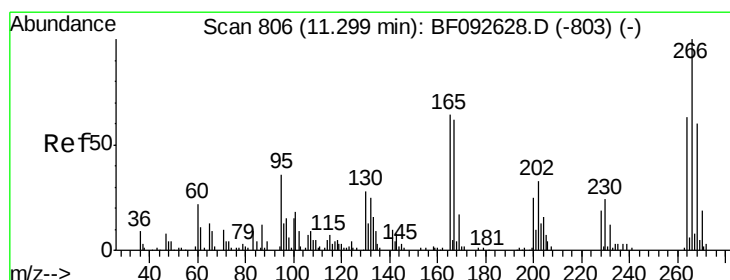
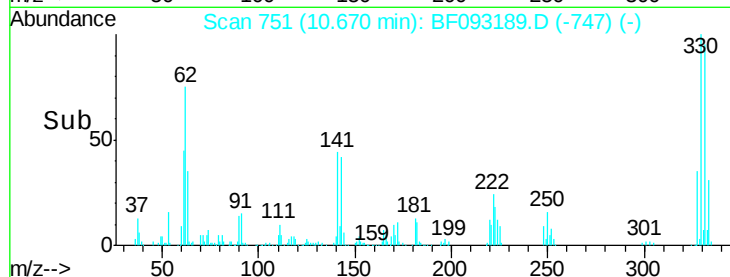
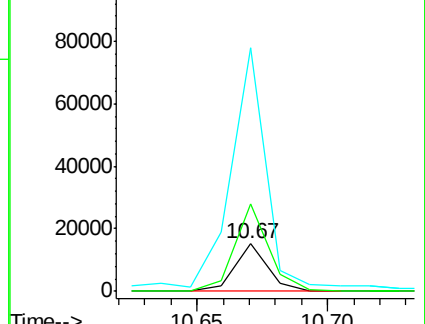
141 512.5 68.2 102.4#



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



#69

Pentachlorophenol

Concen: 9.90 ng

RT: 11.18 min Scan# 796

Delta R.T. -0.00 min

Lab File: BF093189.D

Acq: 25 Feb 2017 13:32

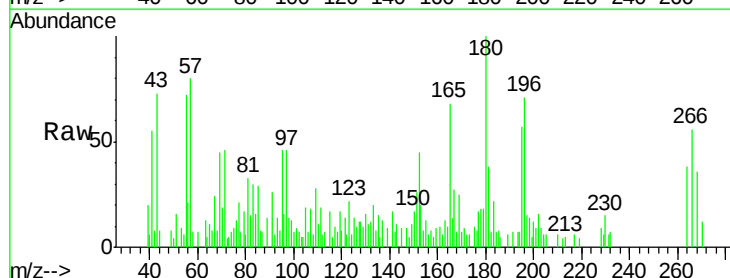
Tgt Ion:266 Resp: 5232

Ion Ratio Lower Upper

266 100

268 63.6 53.3 79.9

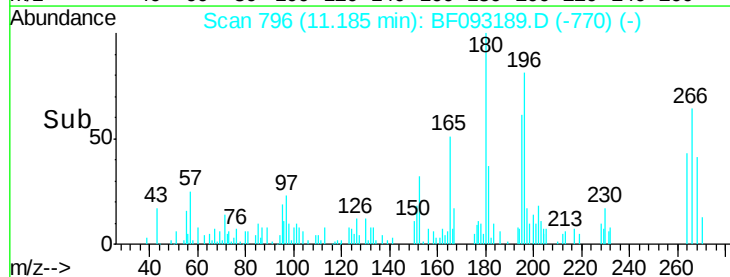
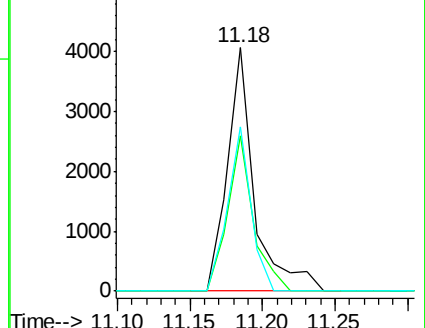
264 67.5 50.3 75.5

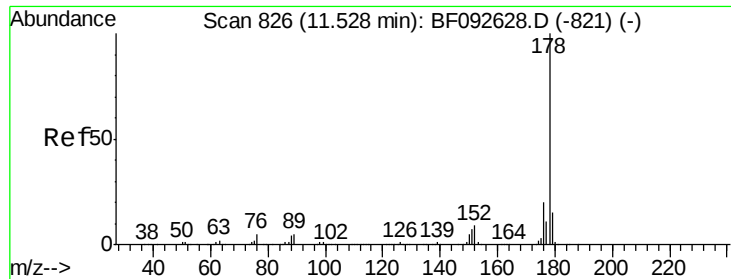


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

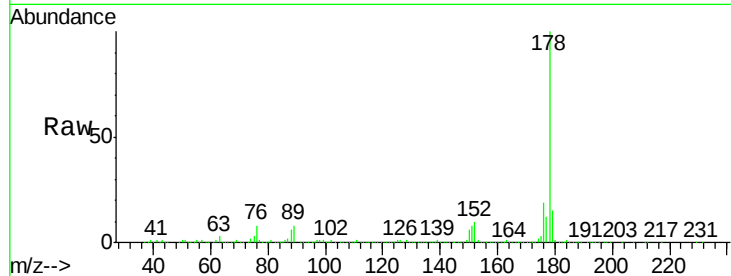




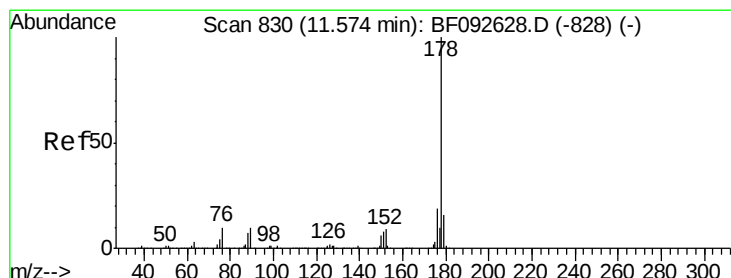
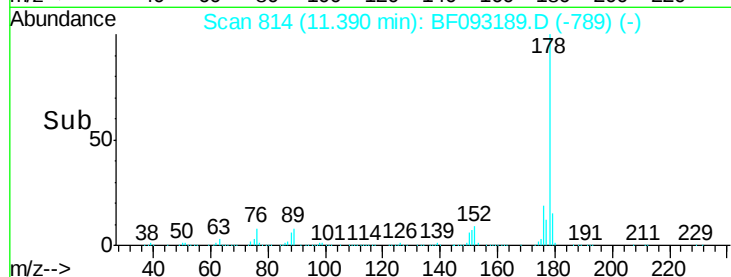
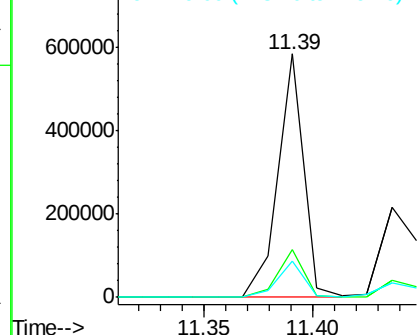
#70
Phenanthrene
Concen: 25.55 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF093189.D
Acq: 25 Feb 2017 13:32

Instrument :
BNA_F
ClientSampleId :
E2-B1-SW-1

Tgt Ion:178 Resp: 484995
Ion Ratio Lower Upper
178 100
176 19.4 16.6 25.0
179 15.0 12.8 19.2

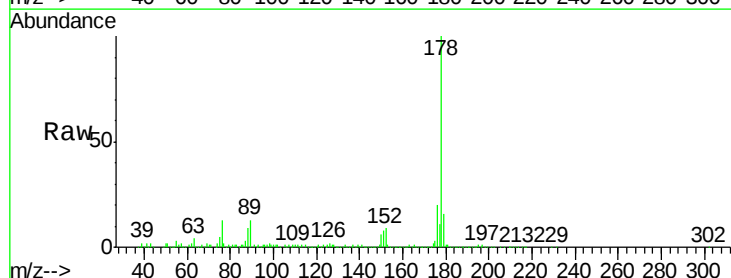


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

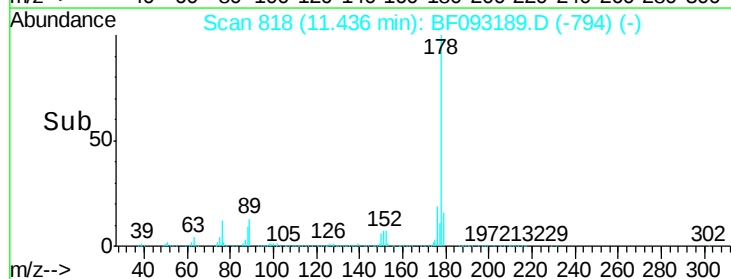
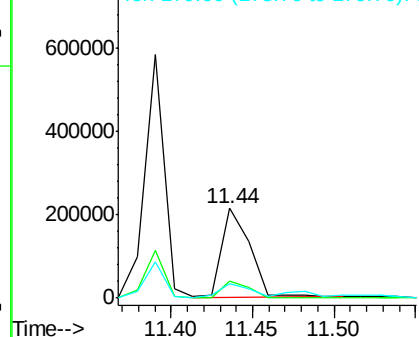


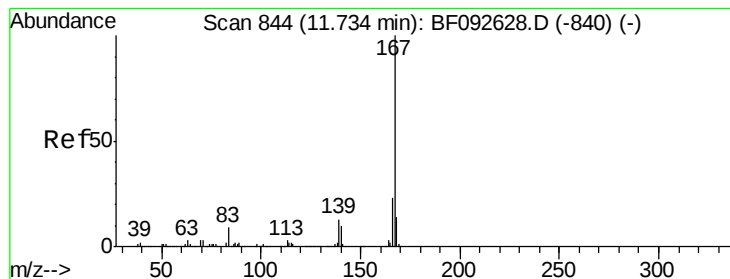
#71
Anthracene
Concen: 13.31 ng
RT: 11.44 min Scan# 818
Delta R.T. -0.02 min
Lab File: BF093189.D
Acq: 25 Feb 2017 13:32

Tgt Ion:178 Resp: 253787
Ion Ratio Lower Upper
178 100
176 19.6 15.9 23.9
179 16.1 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: 3.69 ng

RT: 11.60 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF093189.D

Acq: 25 Feb 2017 13:32

Instrument :

BNA_F

ClientSampleId :

E2-B1-SW-1

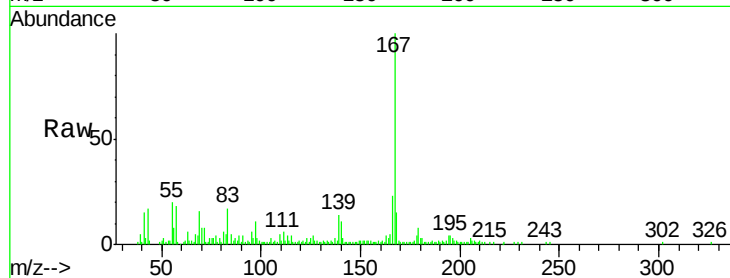
Tgt Ion:167 Resp: 67164

Ion Ratio Lower Upper

167 100

166 22.8 18.2 27.2

139 14.2 11.4 17.2



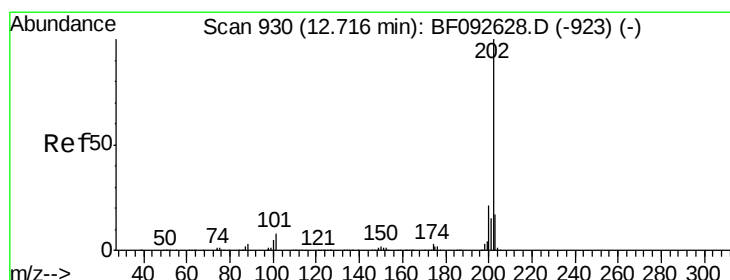
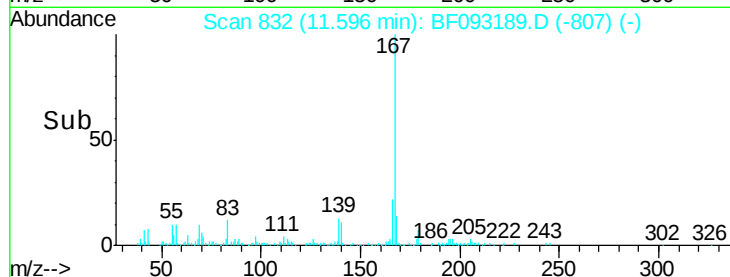
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

11.60

Time--> 11.50 11.55 11.60 11.65



#74

Fluoranthene

Concen: 49.32 ng

RT: 12.58 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF093189.D

Acq: 25 Feb 2017 13:32

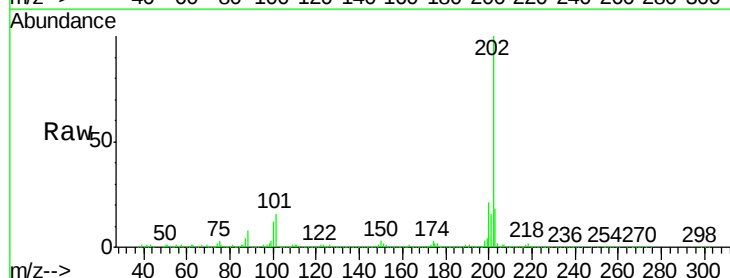
Tgt Ion:202 Resp: 965895

Ion Ratio Lower Upper

202 100

101 15.8 0.0 34.6

203 18.1 0.0 38.7



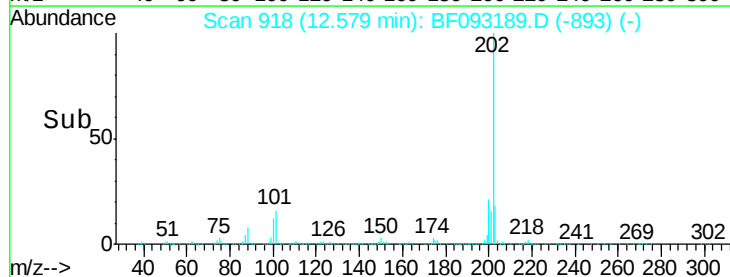
Abundance Ion 202.00 (201.70 to 202.70): E

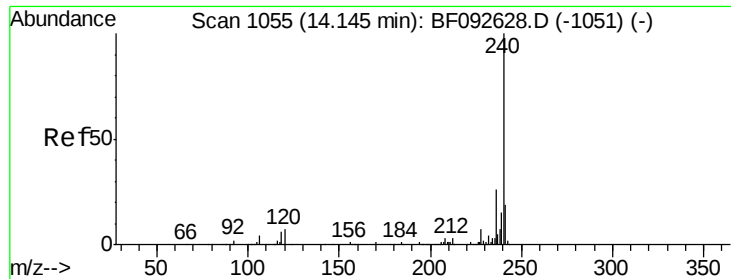
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

12.58

Time--> 12.50 12.55 12.60





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF093189.D

Acq: 25 Feb 2017 13:32

Instrument :

BNA_F

ClientSampleId :

E2-B1-SW-1

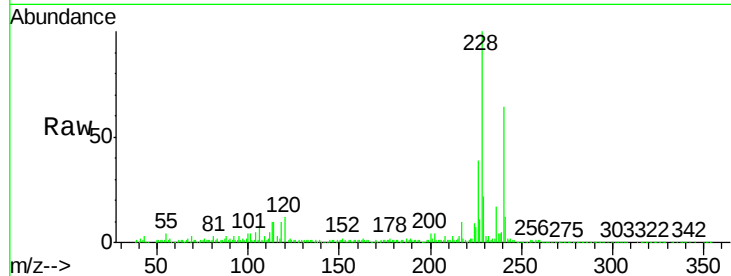
Tgt Ion:240 Resp: 283942

Ion Ratio Lower Upper

240 100

120 19.0 12.9 19.3

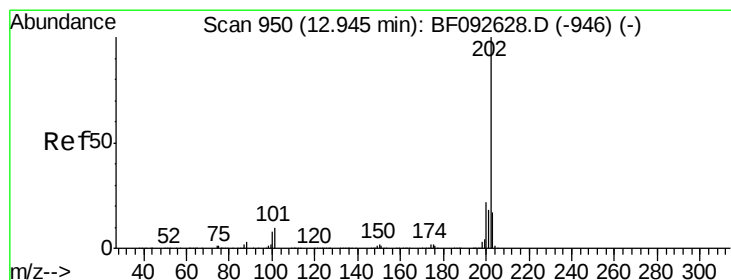
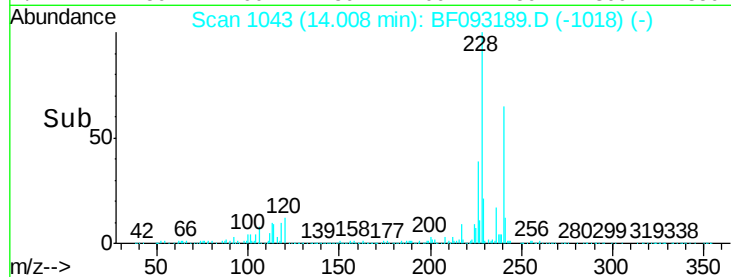
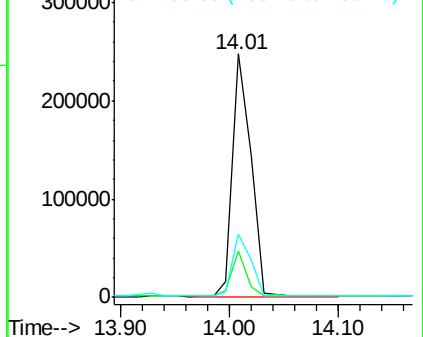
236 26.1 20.9 31.3



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: 43.29 ng

RT: 12.81 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF093189.D

Acq: 25 Feb 2017 13:32

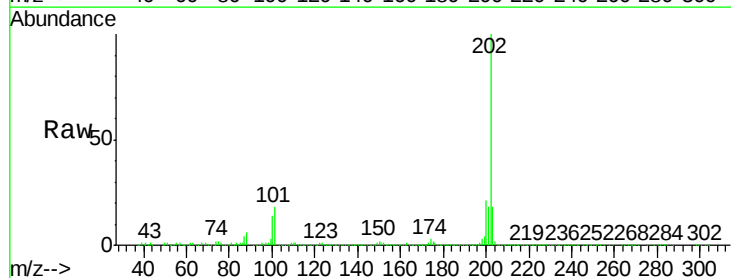
Tgt Ion:202 Resp: 919829

Ion Ratio Lower Upper

202 100

200 21.4 17.7 26.5

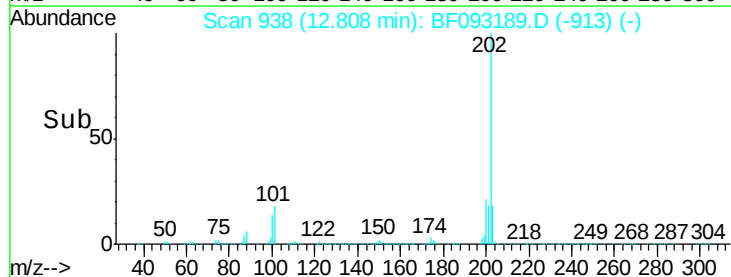
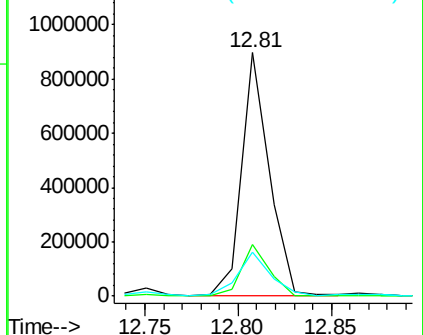
203 18.0 14.7 22.1

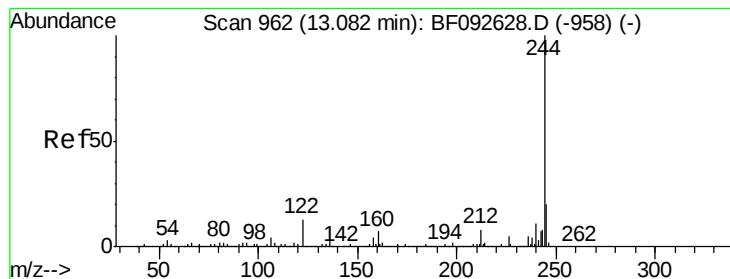


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 69.35 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF093189.D

Acq: 25 Feb 2017 13:32

Instrument :

BNA_F

ClientSampleId :

E2-B1-SW-1

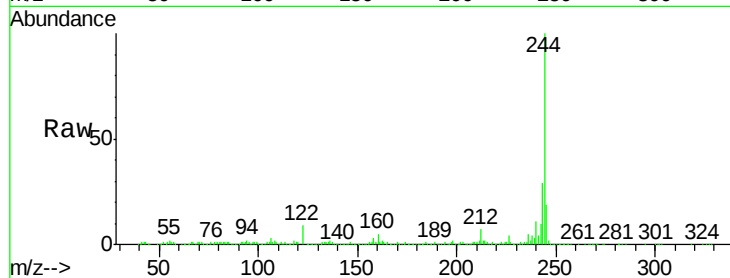
Tgt Ion:244 Resp: 838103

Ion Ratio Lower Upper

244 100

212 6.7 6.2 9.2

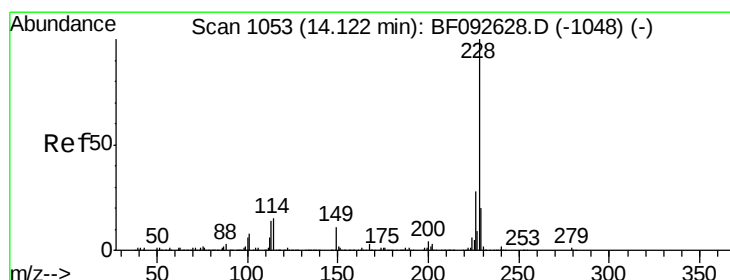
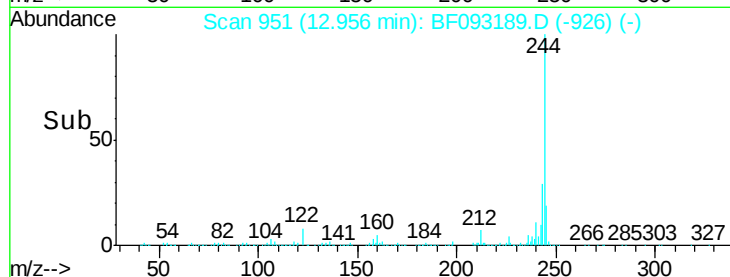
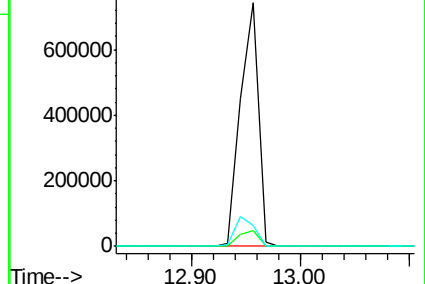
122 8.6 11.4 17.2#



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: 42.31 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BF093189.D

Acq: 25 Feb 2017 13:32

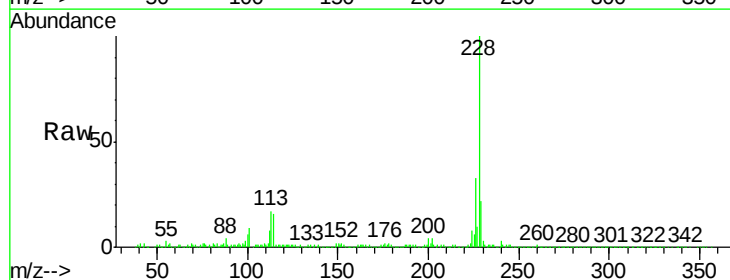
Tgt Ion:228 Resp: 734765

Ion Ratio Lower Upper

228 100

226 32.5 22.4 33.6

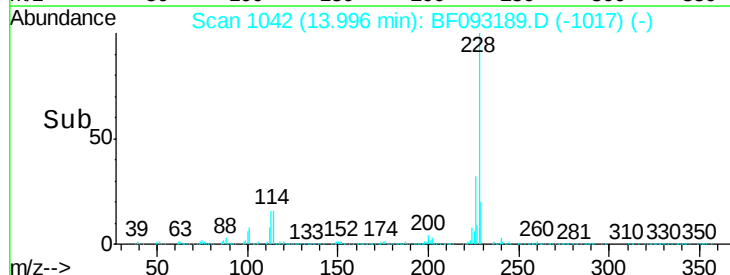
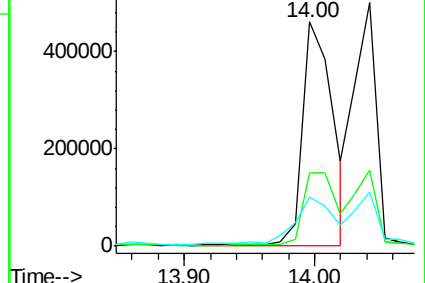
229 21.7 16.2 24.4

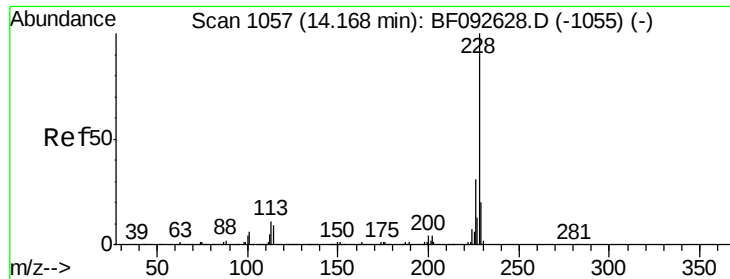


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 45.19 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.05 min

Lab File: BF093189.D

Acq: 25 Feb 2017 13:32

Instrument :

BNA_F

ClientSampleId :

E2-B1-SW-1

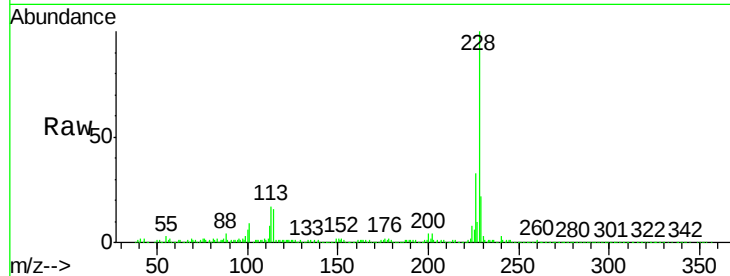
Tgt Ion:228 Resp: 734765

Ion Ratio Lower Upper

228 100

226 32.5 25.4 38.0

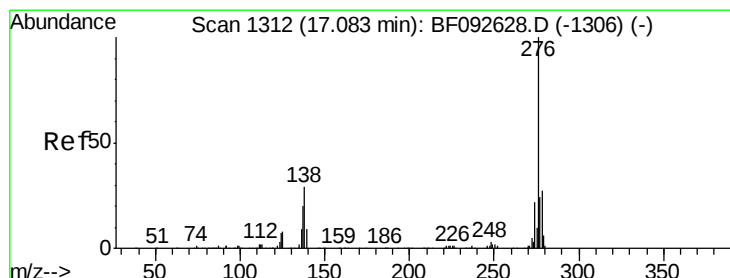
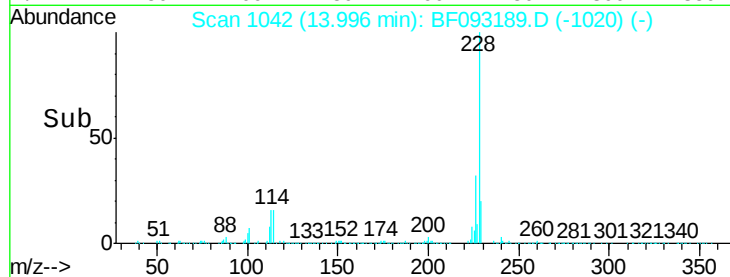
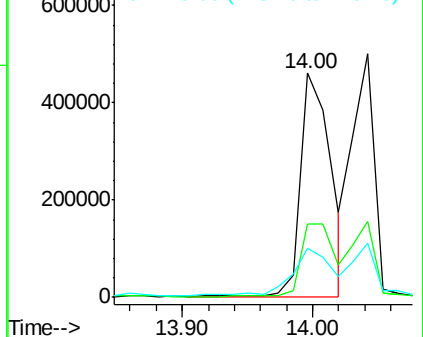
229 21.7 16.2 24.2



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: 24.60 ng

RT: 16.87 min Scan# 1293

Delta R.T. 0.01 min

Lab File: BF093189.D

Acq: 25 Feb 2017 13:32

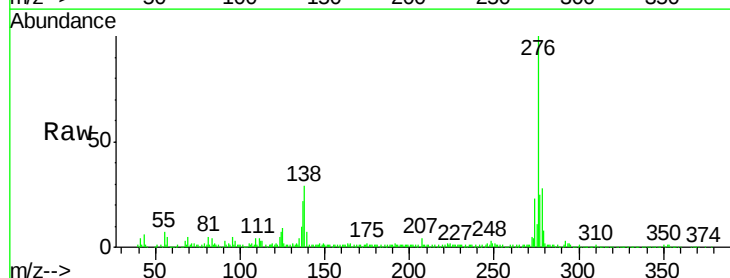
Tgt Ion:276 Resp: 309780

Ion Ratio Lower Upper

276 100

138 26.3 21.8 32.6

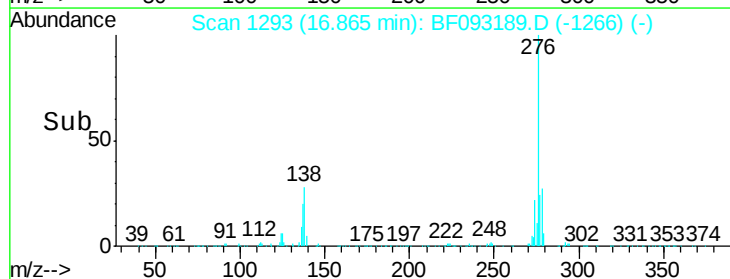
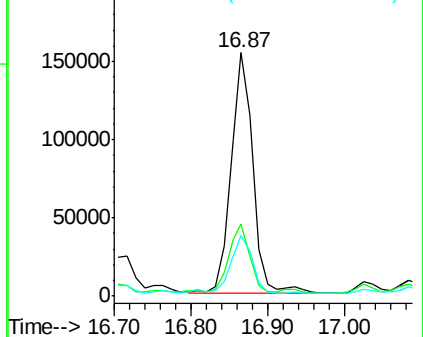
277 23.8 20.2 30.4

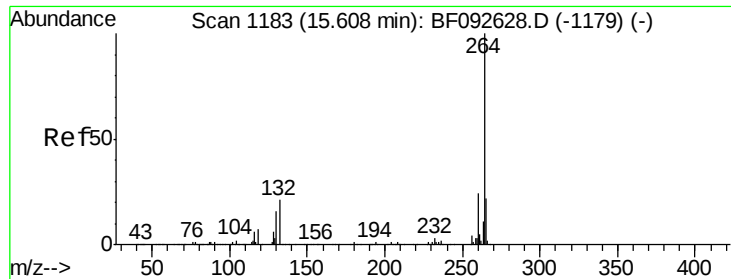


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

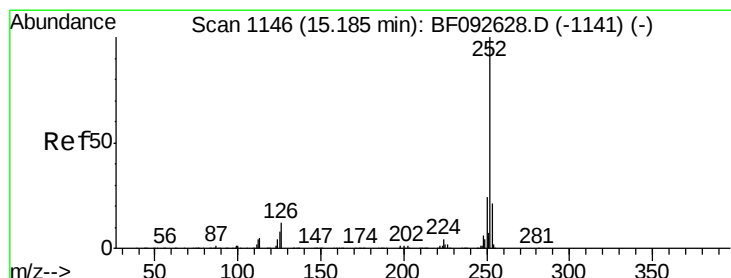
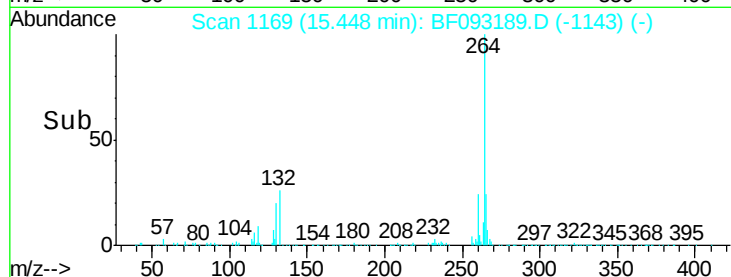
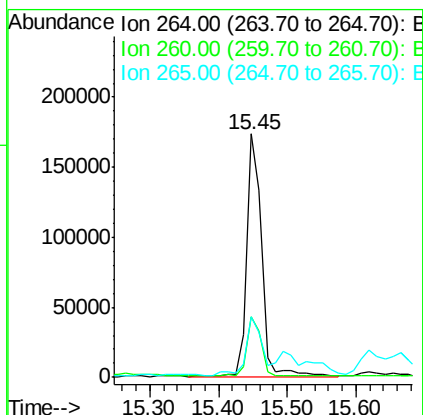
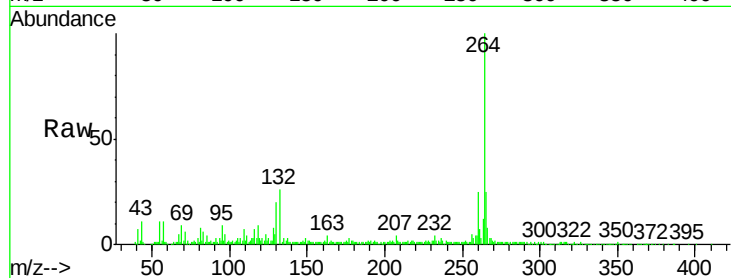




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BF093189.D
Acq: 25 Feb 2017 13:32

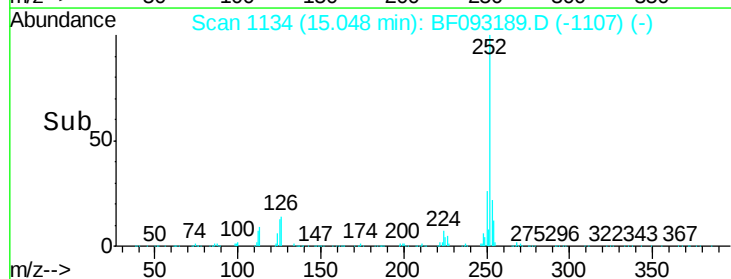
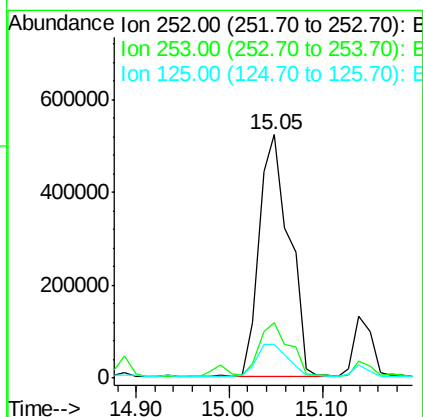
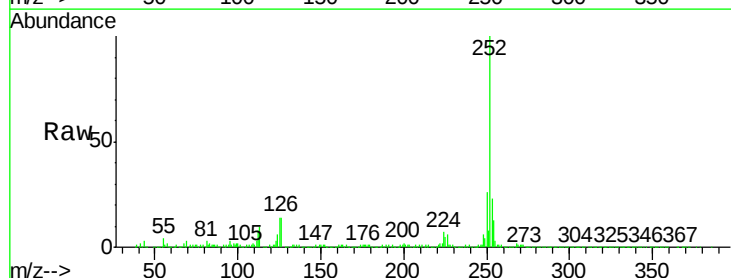
Instrument :
BNA_F
ClientSampleId :
E2-B1-SW-1

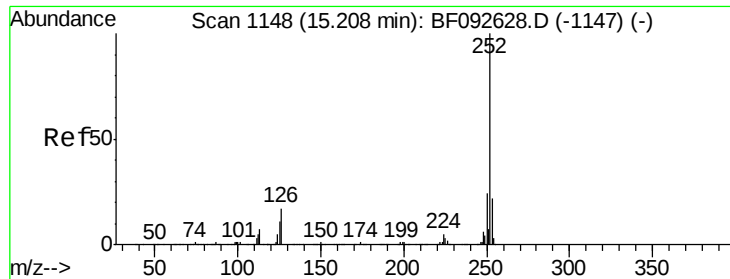
Tgt Ion:264 Resp: 254560
Ion Ratio Lower Upper
264 100
260 25.1 19.2 28.8
265 25.1 17.4 26.0



#87
Benzo(b)fluoranthene
Concen: 69.72 ng
RT: 15.05 min Scan# 1134
Delta R.T. 0.01 min
Lab File: BF093189.D
Acq: 25 Feb 2017 13:32

Tgt Ion:252 Resp: 1168145
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.4
125 13.7 9.8 14.6

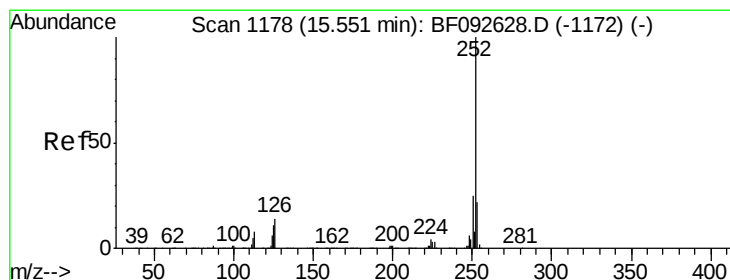
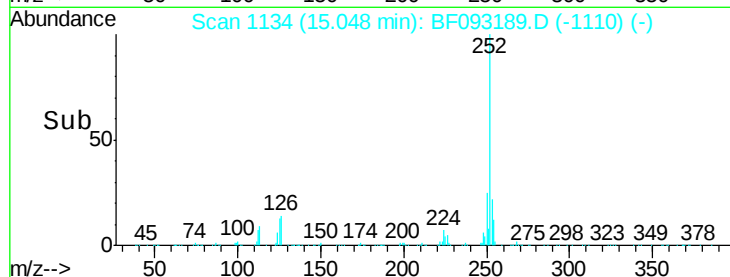
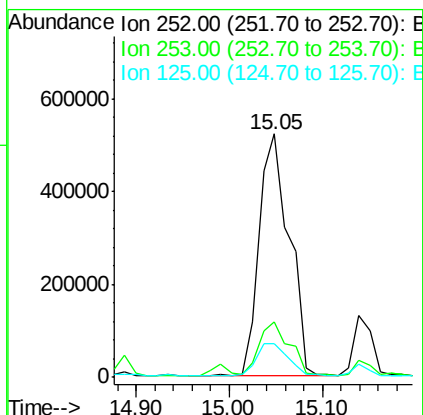
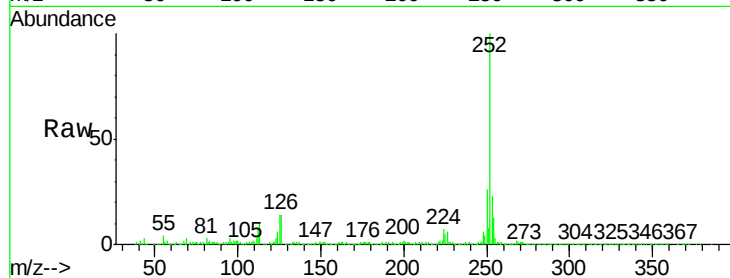




#88
Benzo(k)fluoranthene
Concen: 80.75 ng
RT: 15.05 min Scan# 1134
Delta R.T. -0.02 min
Lab File: BF093189.D
Acq: 25 Feb 2017 13:32

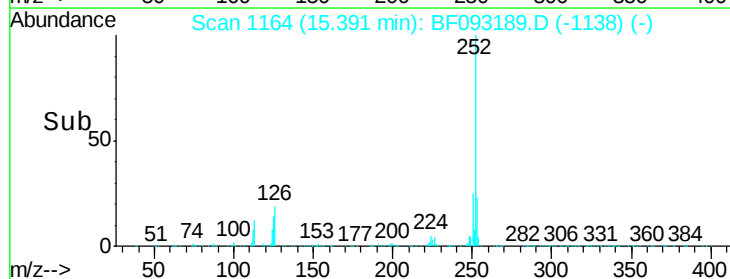
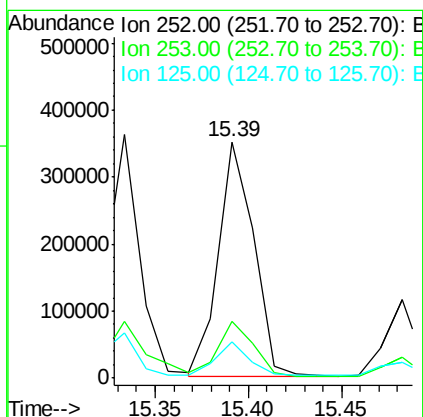
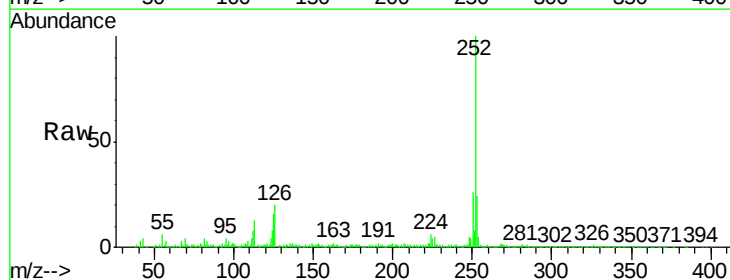
Instrument :
BNA_F
ClientSampleId :
E2-B1-SW-1

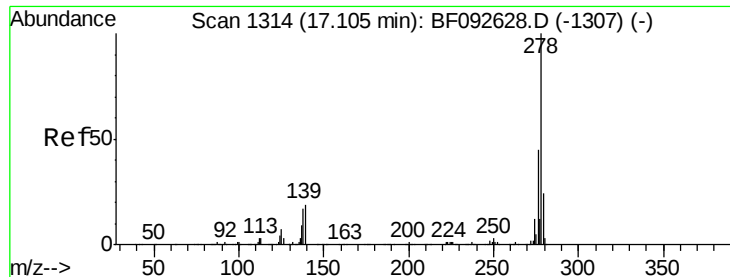
Tgt Ion:252 Resp: 1168145
Ion Ratio Lower Upper
252 100
253 22.9 18.5 27.7
125 13.7 8.9 13.3#



#89
Benzo(a)pyrene
Concen: 32.12 ng
RT: 15.39 min Scan# 1164
Delta R.T. -0.00 min
Lab File: BF093189.D
Acq: 25 Feb 2017 13:32

Tgt Ion:252 Resp: 465591
Ion Ratio Lower Upper
252 100
253 23.8 18.2 27.2
125 15.5 10.0 15.0#





#90

Dibenzo(a,h)anthracene

Concen: 7.82 ng

RT: 16.87 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BF093189.D

Acq: 25 Feb 2017 13:32

Instrument :

BNA_F

ClientSampleId :

E2-B1-SW-1

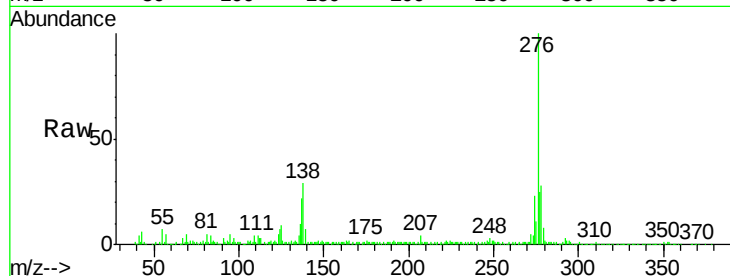
Tgt Ion:278 Resp: 91647

Ion Ratio Lower Upper

278 100

139 24.6 14.8 22.2#

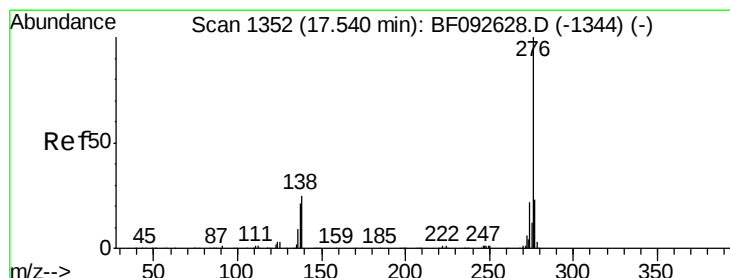
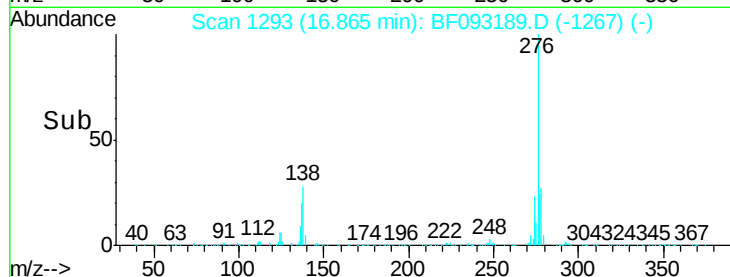
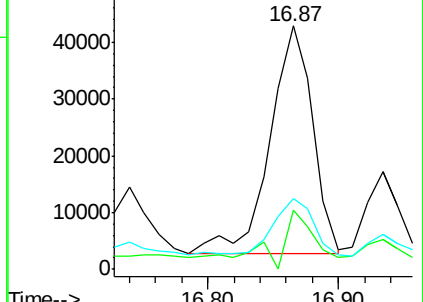
279 29.3 19.8 29.6



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: 21.92 ng

RT: 17.30 min Scan# 1331

Delta R.T. 0.01 min

Lab File: BF093189.D

Acq: 25 Feb 2017 13:32

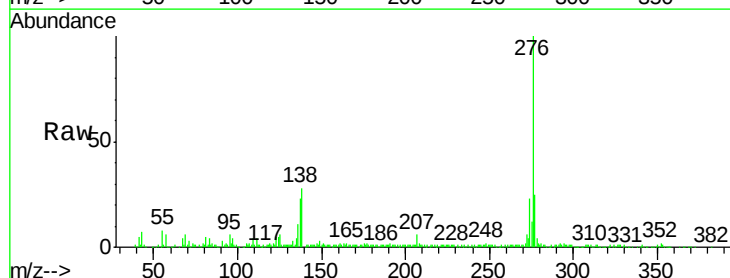
Tgt Ion:276 Resp: 259339

Ion Ratio Lower Upper

276 100

277 24.7 19.2 28.8

138 27.6 16.0 24.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

