

Data File : BF093229.D
Acq On : 28 Feb 2017 2:37
Operator : SJ/MA
Sample : I1997-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-B1E-ESW-2

Quant Time: Feb 28 04:16:52 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 28 00:51:02 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	161480	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	570692	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	258628	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	394206	20.00	ng	0.00
75) Chrysene-d12	14.00	240	298150	20.00	ng	0.01
86) Perylene-d12	15.43	264	255329	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	910142	96.70	ng	0.01
7) Phenol-d6	6.48	99	1201904	99.24	ng	0.00
23) Nitrobenzene-d5	7.39	82	773508	75.48	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	155354	83.05	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	1160073	81.26	ng	0.00
78) Terphenyl-d14	12.93	244	785637	61.91	ng	0.00

Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.39	70	105632	13.70	ng	# 76
25) Isophorone	7.39	82	760170	39.81	ng	# 65
31) Naphthalene	8.12	128	150392	5.20	ng	99
32) Benzoic acid	7.92	122	4178	7.88	ng	# 39
37) 2-Methylnaphthalene	8.82	142	61511	3.31	ng	96
48) Acenaphthylene	9.72	152	214677	8.48	ng	97
49) Dimethylphthalate	9.58	163	378520	21.73	ng	99
51) Acenaphthene	9.89	154	64515	4.26	ng	91
53) 2,4-Dinitrophenol	10.14	184	328	4.90	ng	# 24
54) Dibenzofuran	10.06	168	79166	3.91	ng	92
57) Fluorene	10.41	166	78807	5.06	ng	98
64) 4,6-Dinitro-2-methylphenol	10.67	198	1881	3.41	ng	# 1
66) 4-Bromophenyl-phenylether	10.65	248	11221	2.72	ng	# 1
70) Phenanthrene	11.37	178	971954	43.04	ng	99
71) Anthracene	11.41	178	349962	15.43	ng	99
72) Carbazole	11.58	167	136470	6.29	ng	97
74) Fluoranthene	12.57	202	1967078	84.44	ng	96
77) Pyrene	12.80	202	1834851	82.23	ng	100
80) Benzo(a)anthracene	13.99	228	1070388	58.70	ng	94
82) Chrysene	13.99	228	1070388	62.69	ng	98
85) Indeno(1,2,3-cd)pyrene	16.83	276	509390	38.52	ng	99
87) Benzo(b)fluoranthene	15.03	252	1571977	93.54	ng	98
88) Benzo(k)fluoranthene	15.03	252	1571977	108.33	ng	# 98
89) Benzo(a)pyrene	15.37	252	801442	55.13	ng	# 96
90) Dibenzo(a,h)anthracene	17.05	278	54708	4.66	ng	92
91) Benzo(g,h,i)perylene	17.27	276	467703	39.41	ng	# 91

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

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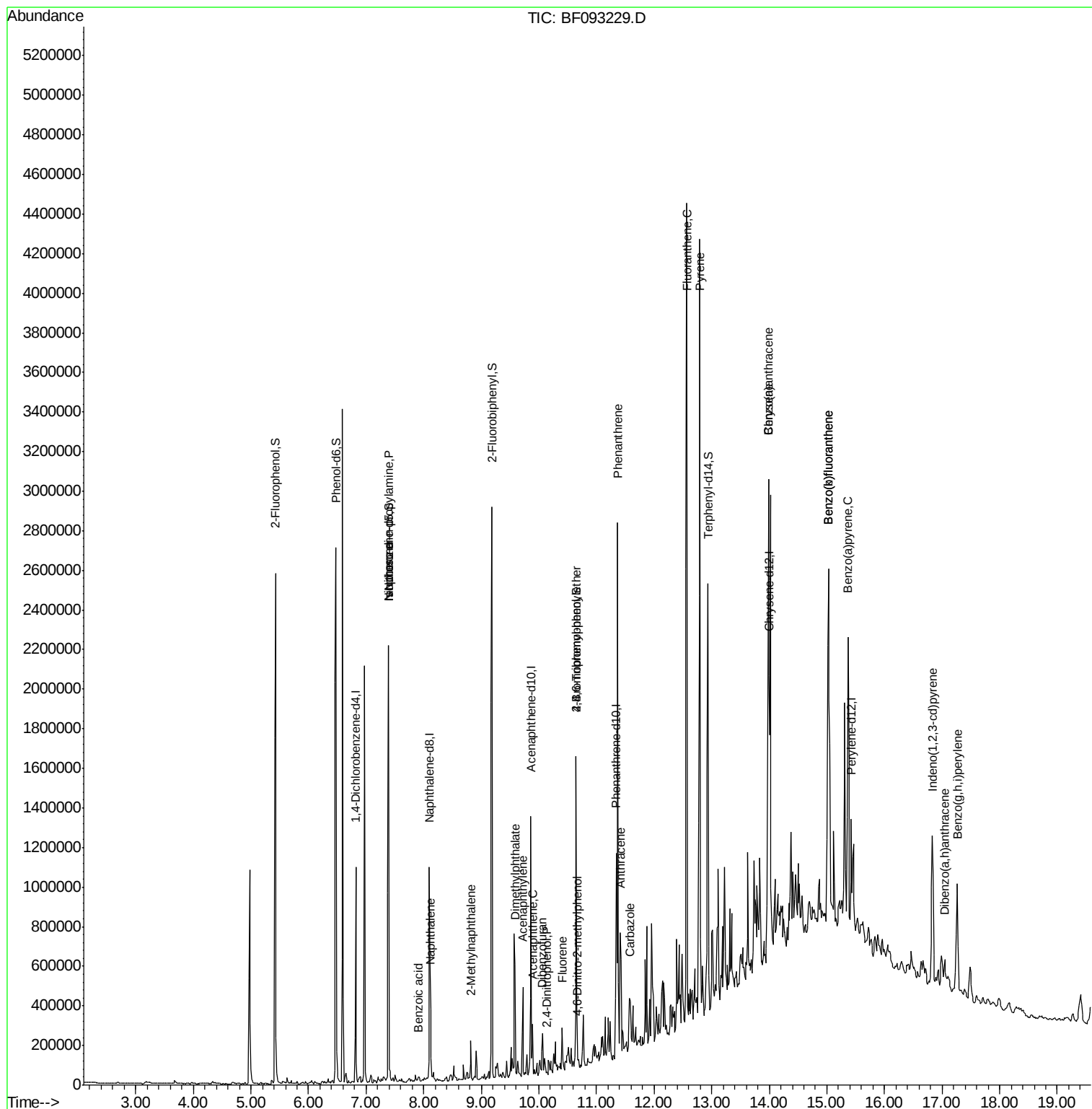
Quant Time: Feb 28 04:16:52 2017

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

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QLast Update : Tue Feb 28 00:51:02 2017

Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 414

Delta R.T. -0.00 min

Lab File: BF093229.D

Acq: 28 Feb 2017 2:37

Instrument :

BNA_F

ClientSampleId :

E2-B1E-ESW-2

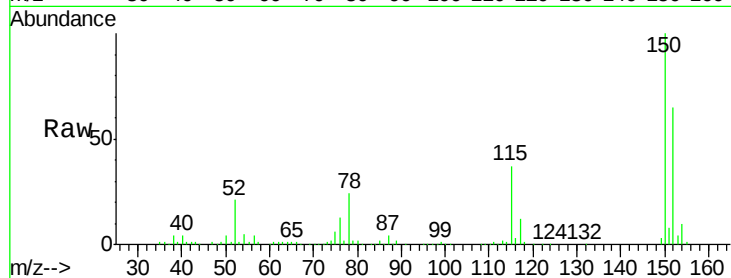
Tgt Ion:152 Resp: 161480

Ion Ratio Lower Upper

152 100

150 154.3 124.9 187.3

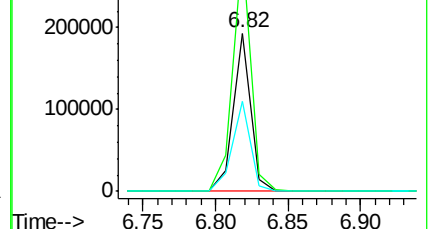
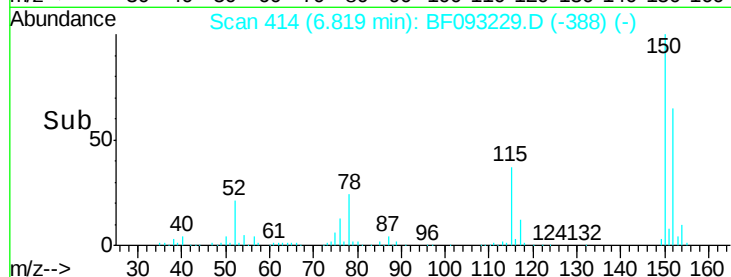
115 57.3 46.0 69.0



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: 96.70 ng

RT: 5.42 min Scan# 292

Delta R.T. 0.01 min

Lab File: BF093229.D

Acq: 28 Feb 2017 2:37

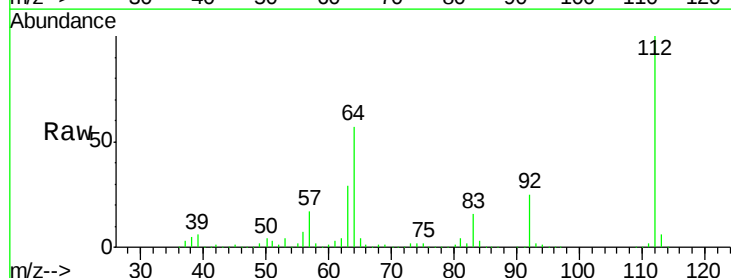
Tgt Ion:112 Resp: 910142

Ion Ratio Lower Upper

112 100

64 57.2 46.1 69.1

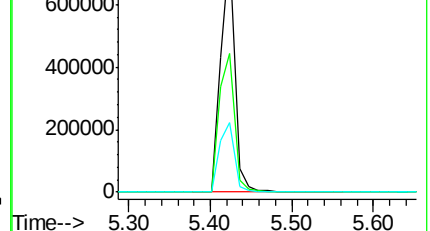
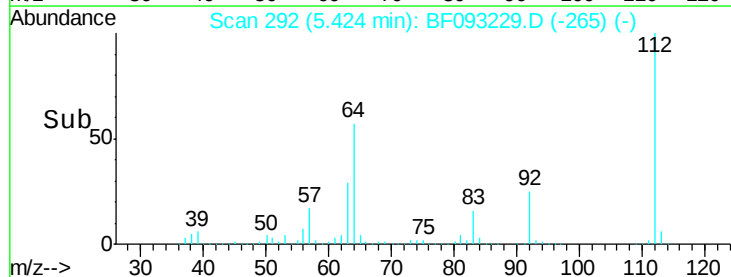
63 28.6 23.8 35.6

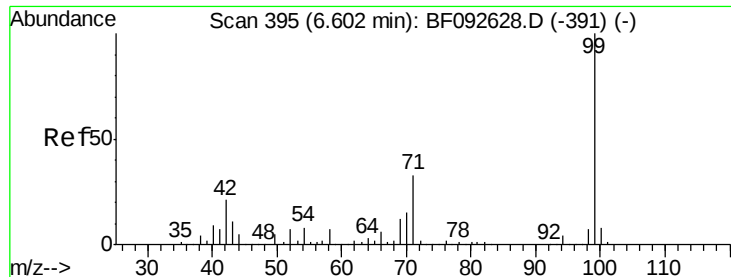


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 99.24 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF093229.D

Acq: 28 Feb 2017 2:37

Instrument :

BNA_F

ClientSampleId :

E2-B1E-ESW-2

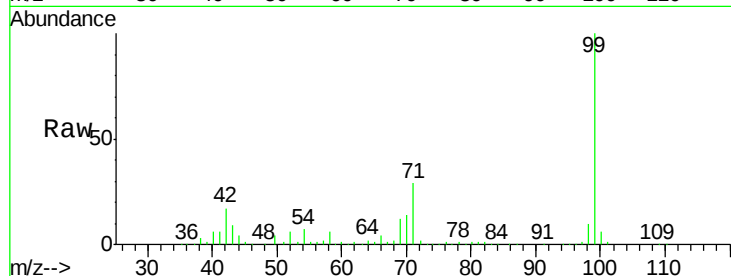
Tgt Ion: 99 Resp: 1201904

Ion Ratio Lower Upper

99 100

42 16.6 15.6 23.4

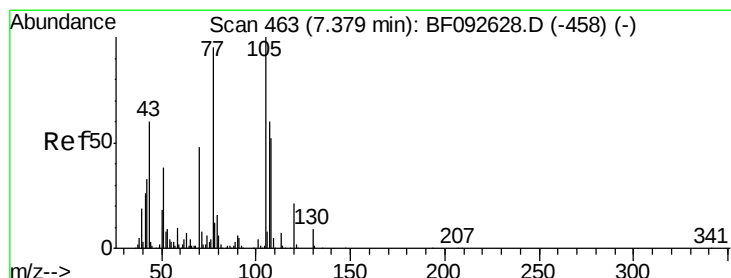
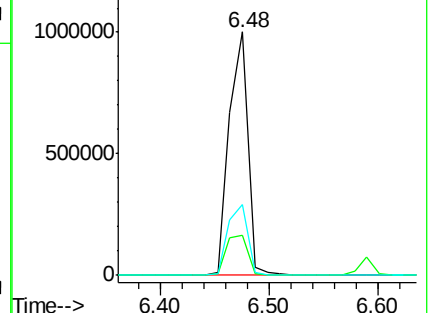
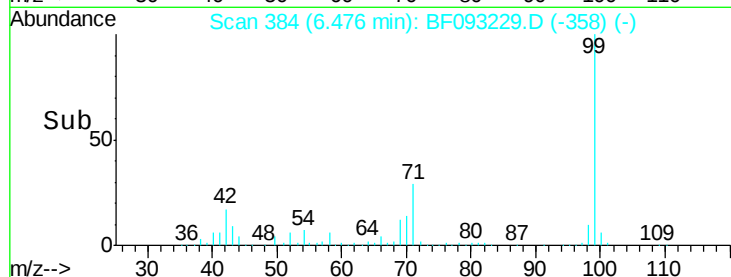
71 29.2 27.5 41.3



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: 13.70 ng

RT: 7.39 min Scan# 464

Delta R.T. 0.15 min

Lab File: BF093229.D

Acq: 28 Feb 2017 2:37

Tgt Ion: 70 Resp: 105632

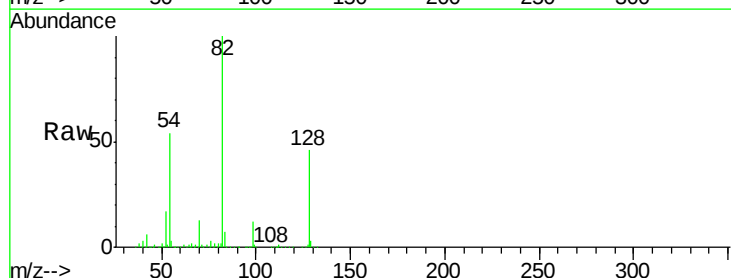
Ion Ratio Lower Upper

70 100

42 45.9 49.4 74.0#

101 0.0 7.4 11.2#

130 2.1 14.2 21.4#

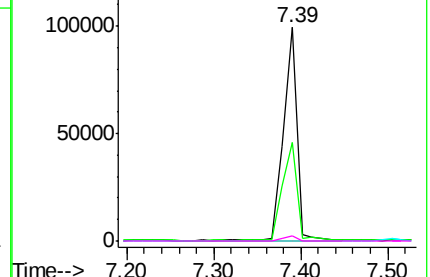
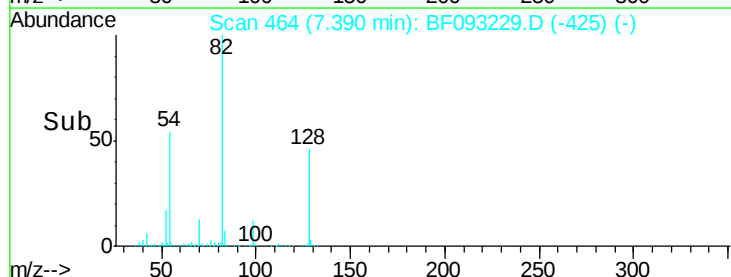


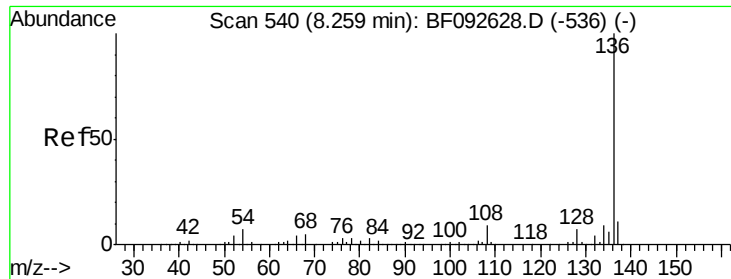
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

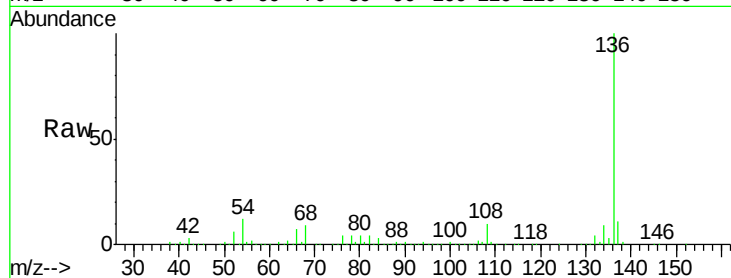




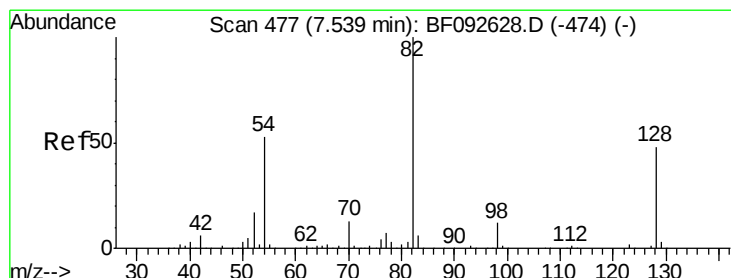
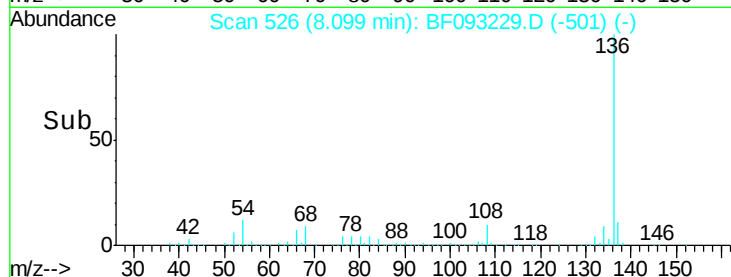
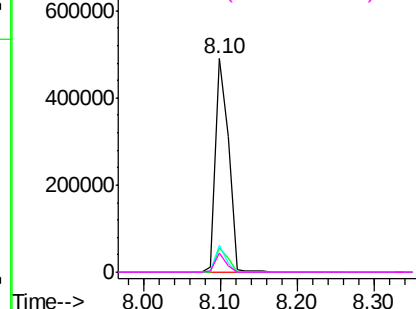
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.01 min
Lab File: BF093229.D
Acq: 28 Feb 2017 2:37

Instrument :
BNA_F
ClientSampleId :
E2-B1E-ESW-2

Tgt Ion:	136	Resp:	570692
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.4	12.6
54	12.5	4.5	6.7#
68	8.8	3.6	5.4#

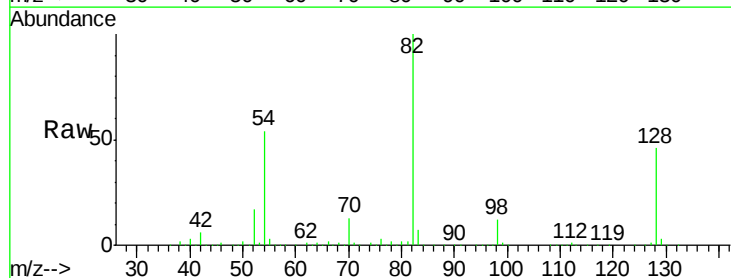


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

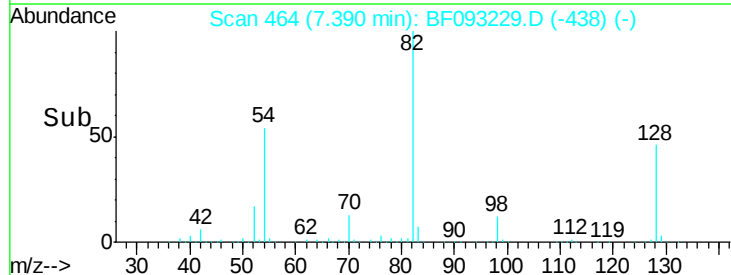
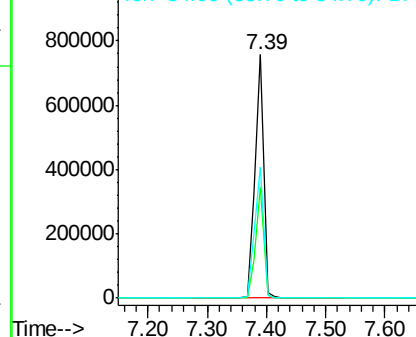


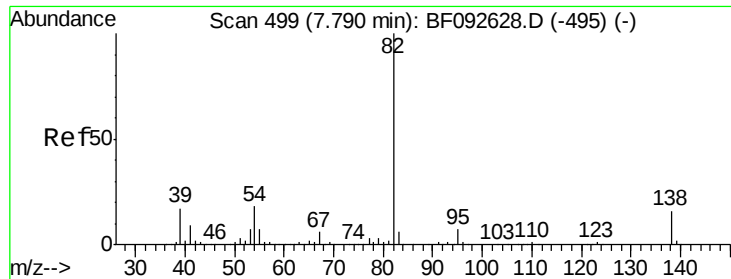
#23
Nitrobenzene-d5
Concen: 75.48 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF093229.D
Acq: 28 Feb 2017 2:37

Tgt Ion:	82	Resp:	773508
Ion	Ratio	Lower	Upper
82	100		
128	45.6	34.6	52.0
54	53.7	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: 39.81 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.26 min

Lab File: BF093229.D

Acq: 28 Feb 2017 2:37

Instrument :

BNA_F

ClientSampleId :

E2-B1E-ESW-2

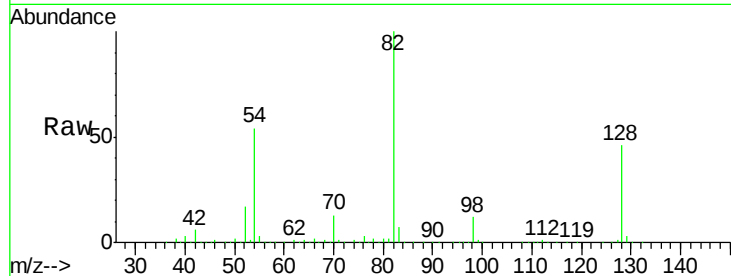
Tgt Ion: 82 Resp: 760170

Ion Ratio Lower Upper

82 100

95 0.1 5.6 8.4#

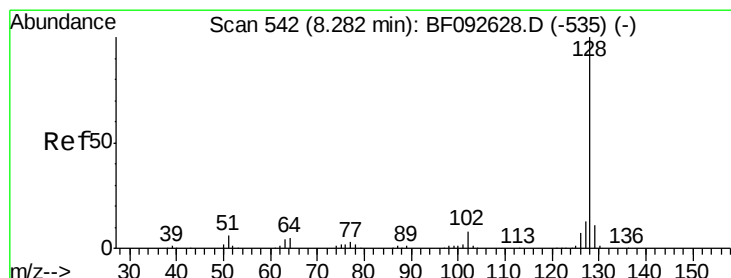
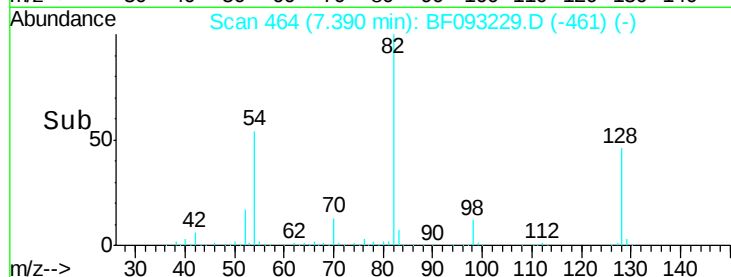
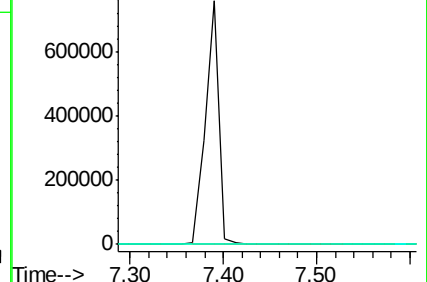
138 0.0 14.6 22.0#



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): E



#31

Naphthalene

Concen: 5.20 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.01 min

Lab File: BF093229.D

Acq: 28 Feb 2017 2:37

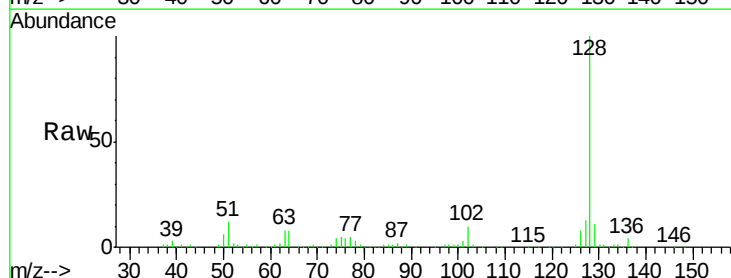
Tgt Ion: 128 Resp: 150392

Ion Ratio Lower Upper

128 100

129 11.2 9.5 14.3

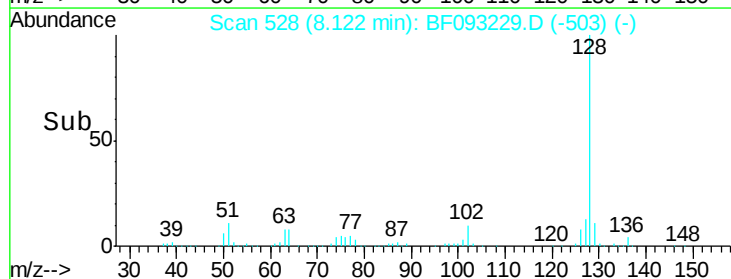
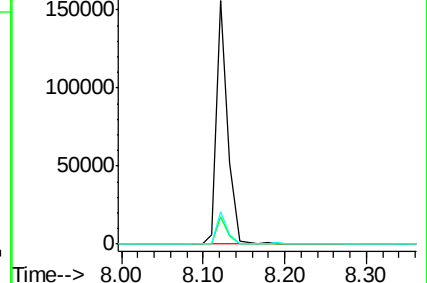
127 13.3 10.8 16.2

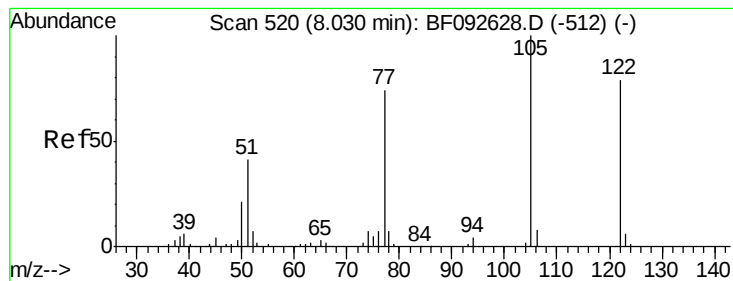


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 7.88 ng

RT: 7.92 min Scan# 510

Delta R.T. -0.00 min

Lab File: BF093229.D

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Instrument :

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ClientSampleId :

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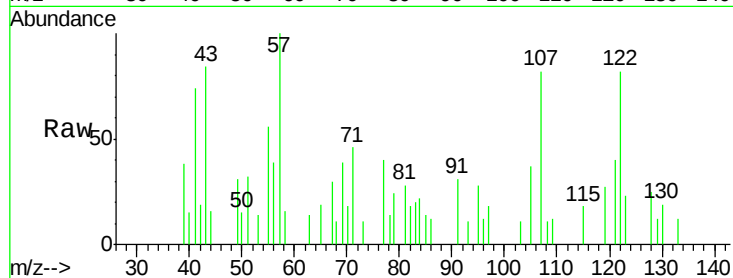
Tgt Ion:122 Resp: 4178

Ion Ratio Lower Upper

122 100

105 45.1 107.2 147.2#

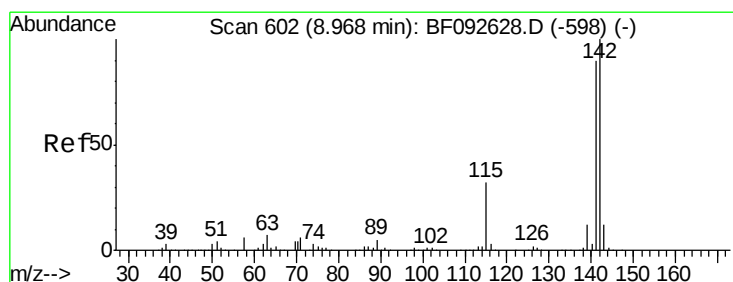
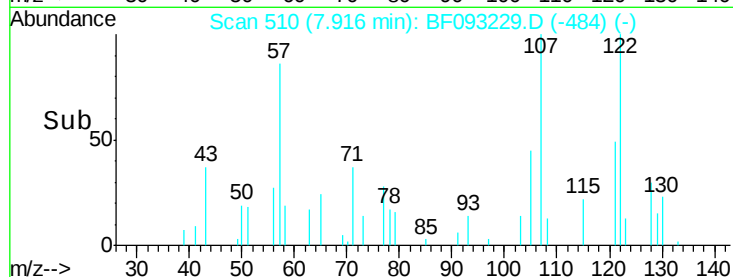
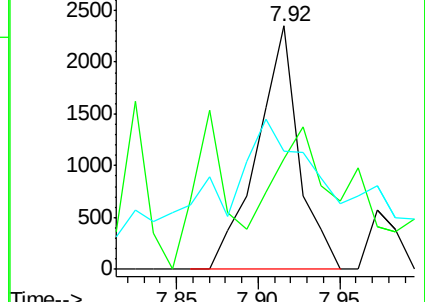
77 48.7 74.5 114.5#



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



#37

2-Methylnaphthalene

Concen: 3.31 ng

RT: 8.82 min Scan# 589

Delta R.T. -0.00 min

Lab File: BF093229.D

Acq: 28 Feb 2017 2:37

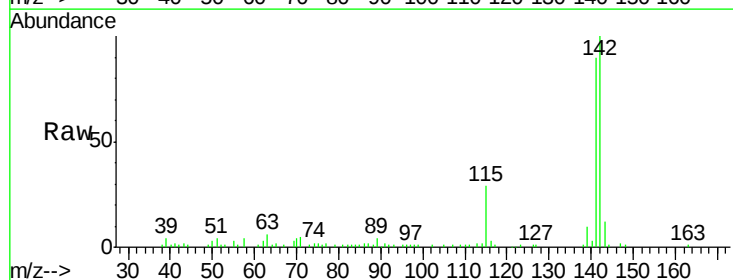
Tgt Ion:142 Resp: 61511

Ion Ratio Lower Upper

142 100

141 89.7 71.0 106.6

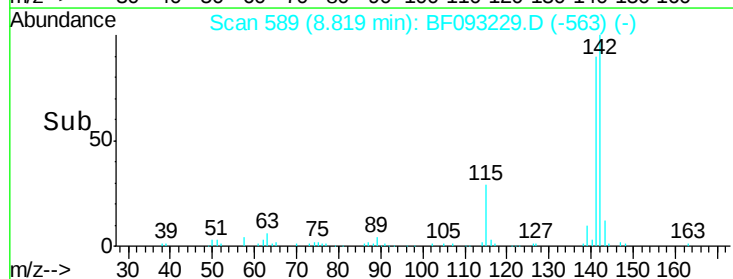
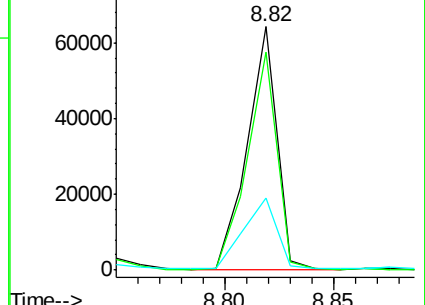
115 29.5 28.3 42.5

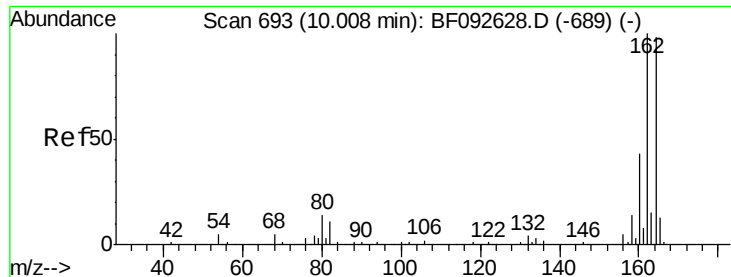


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

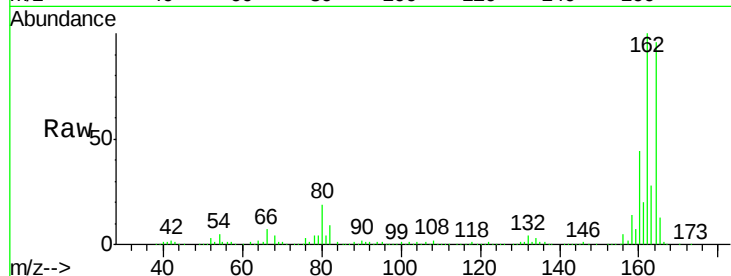




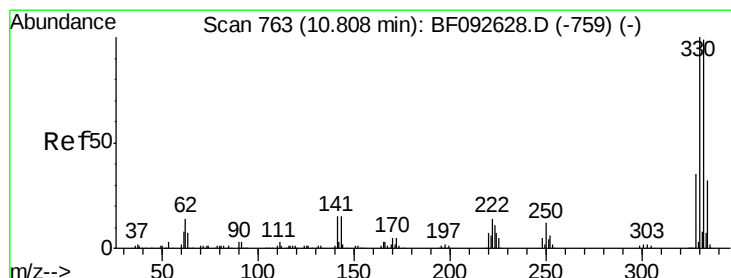
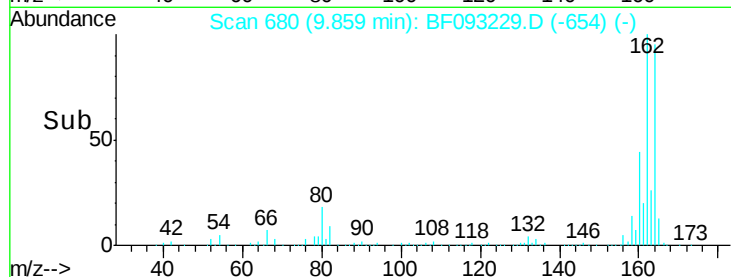
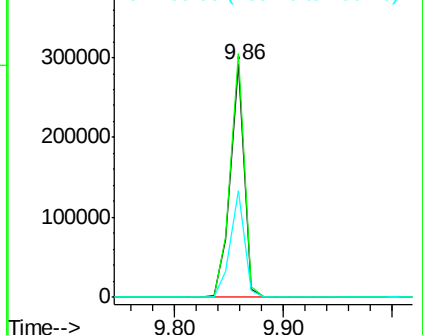
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF093229.D
Acq: 28 Feb 2017 2:37

Instrument :
BNA_F
ClientSampleId :
E2-B1E-ESW-2

Tgt Ion:164 Resp: 258628
Ion Ratio Lower Upper
164 100
162 104.5 80.2 120.2
160 45.8 36.9 55.3

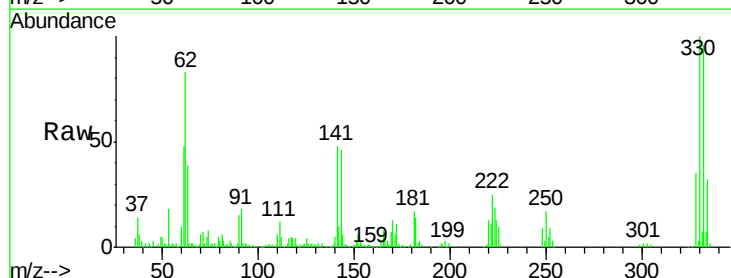


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

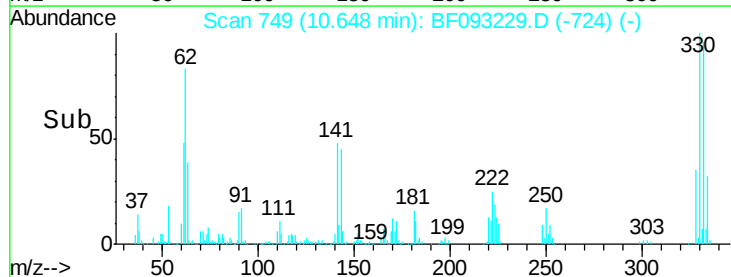
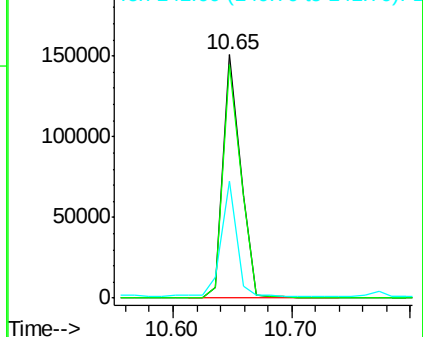


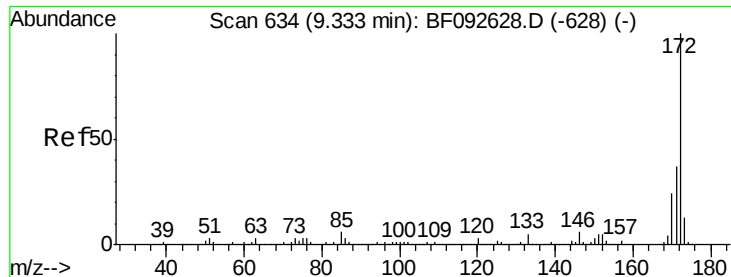
#41
2,4,6-Tribromophenol
Concen: 83.05 ng
RT: 10.65 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF093229.D
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Tgt Ion:330 Resp: 155354
Ion Ratio Lower Upper
330 100
332 96.8 77.4 116.2
141 43.4 34.1 51.1



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

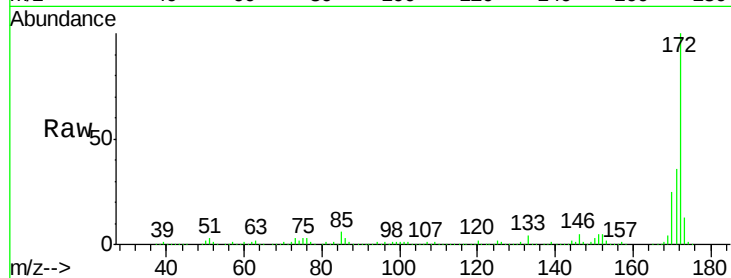




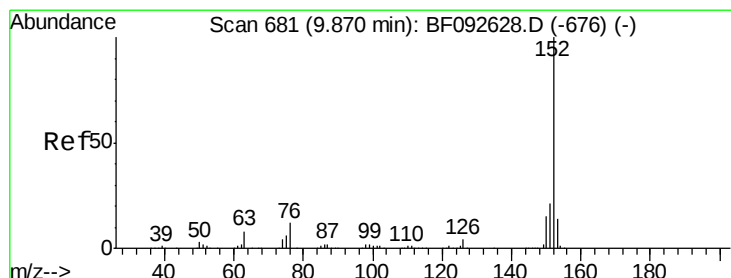
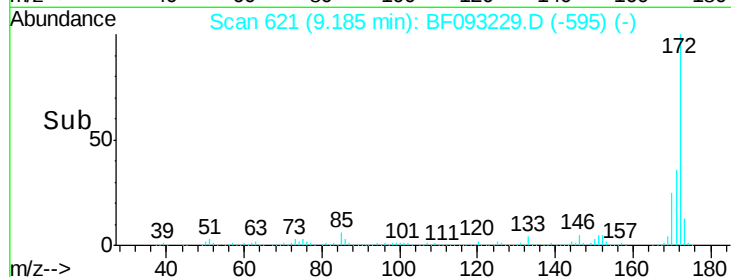
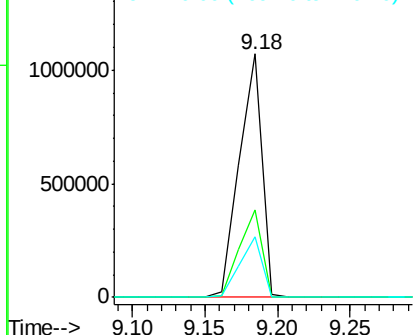
#44
2-Fluorobiphenyl
Concen: 81.26 ng
RT: 9.18 min Scan# 621
Delta R.T. -0.00 min
Lab File: BF093229.D
Acq: 28 Feb 2017 2:37

Instrument :
BNA_F
ClientSampleId :
E2-B1E-ESW-2

Tgt Ion:172 Resp: 1160073
Ion Ratio Lower Upper
172 100
171 36.0 29.4 44.0
170 24.7 20.2 30.4

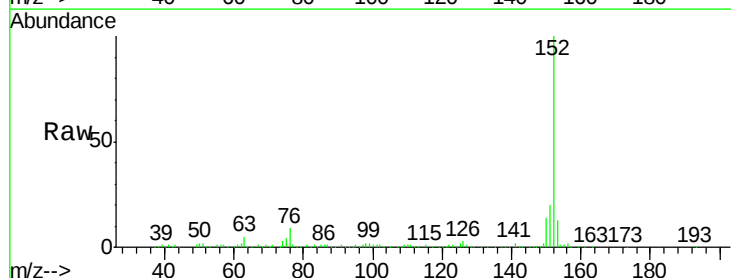


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

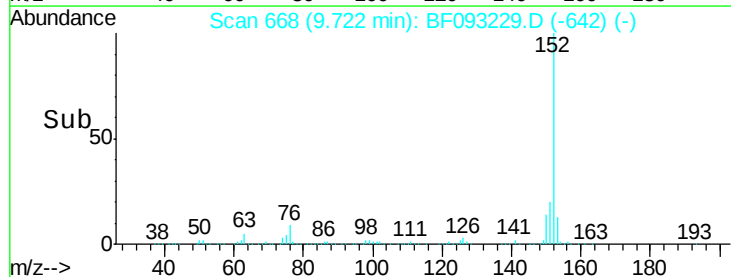
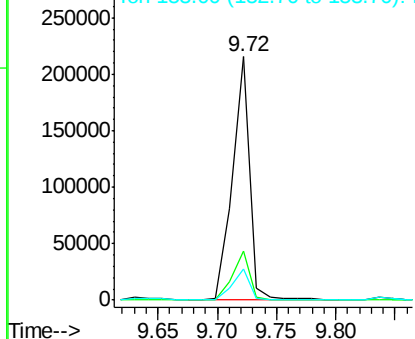


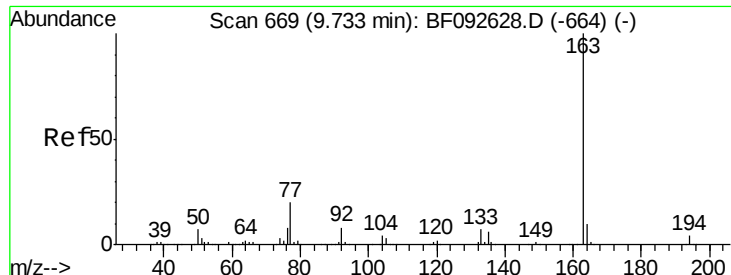
#48
Acenaphthylene
Concen: 8.48 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.00 min
Lab File: BF093229.D
Acq: 28 Feb 2017 2:37

Tgt Ion:152 Resp: 214677
Ion Ratio Lower Upper
152 100
151 20.0 16.9 25.3
153 13.0 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

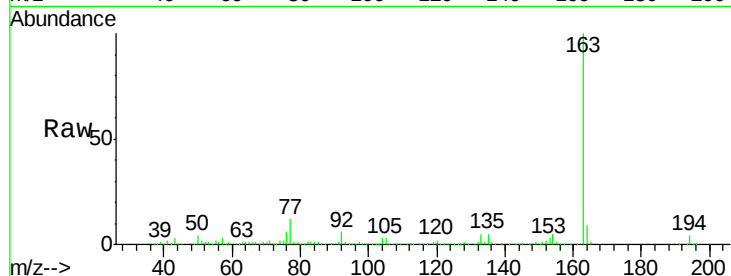




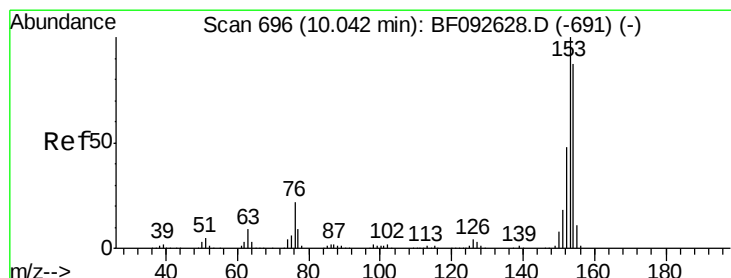
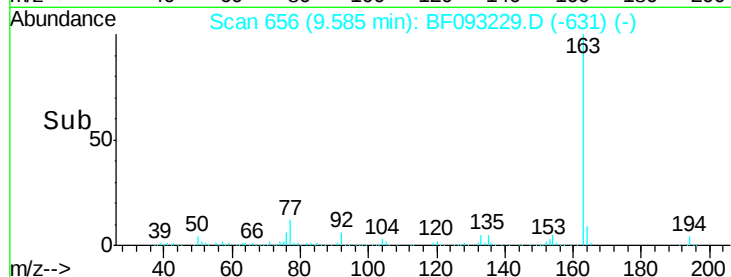
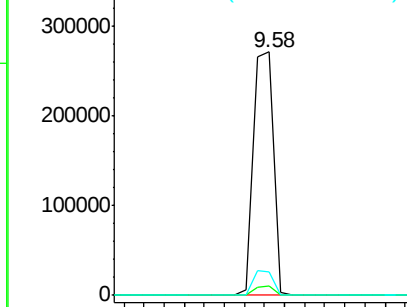
#49
Dimethylphthalate
Concen: 21.73 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.01 min
Lab File: BF093229.D
Acq: 28 Feb 2017 2:37

Instrument :
BNA_F
ClientSampleId :
E2-B1E-ESW-2

Tgt Ion:163 Resp: 378520
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.4
164 9.5 8.0 12.0

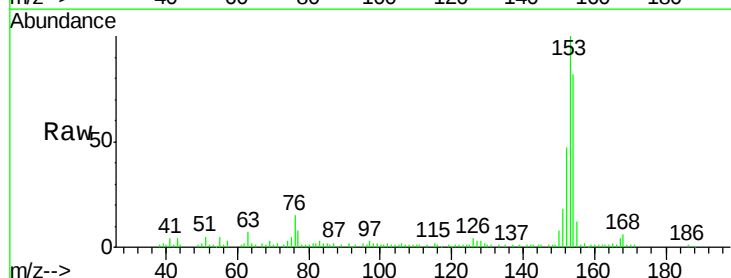


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

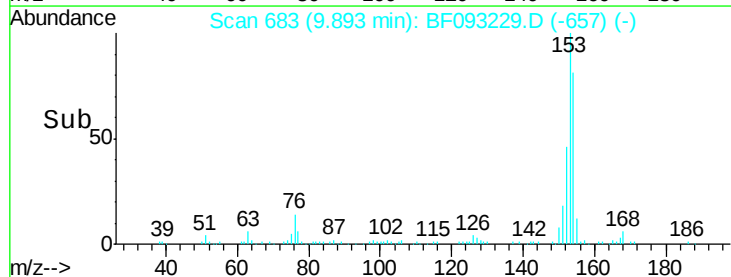
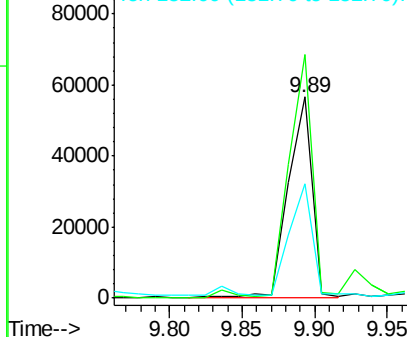


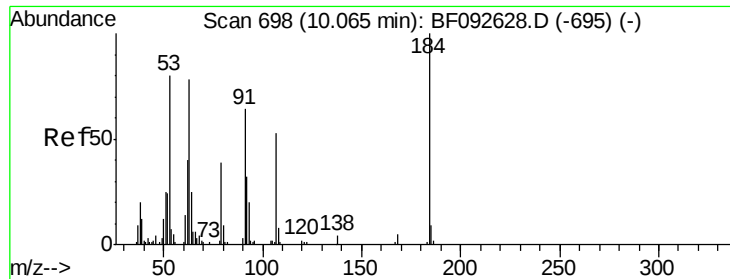
#51
Acenaphthene
Concen: 4.26 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF093229.D
Acq: 28 Feb 2017 2:37

Tgt Ion:154 Resp: 64515
Ion Ratio Lower Upper
154 100
153 121.3 88.6 133.0
152 56.7 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

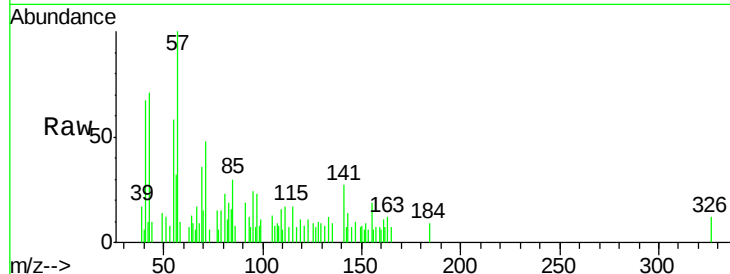




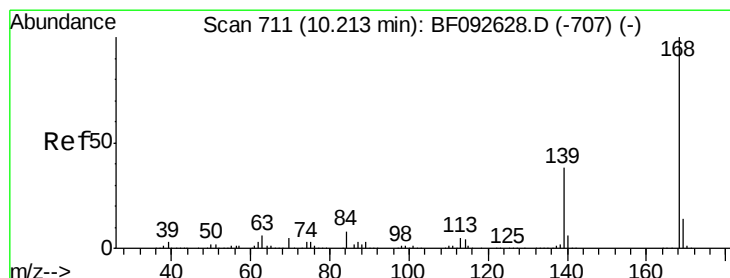
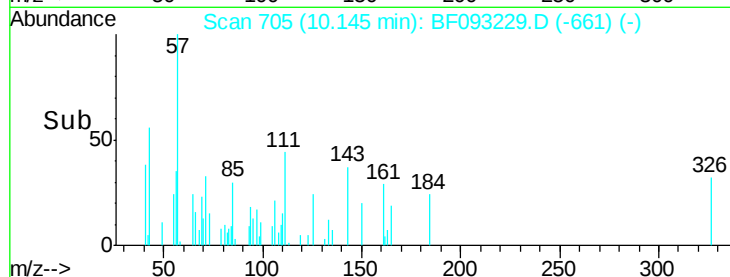
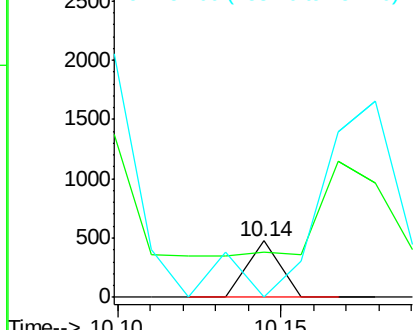
#53
2,4-Dinitrophenol
Concen: 4.90 ng
RT: 10.14 min Scan# 705
Delta R.T. 0.21 min
Lab File: BF093229.D
Acq: 28 Feb 2017 2:37

Instrument :
BNA_F
ClientSampleId :
E2-B1E-ESW-2

Tgt Ion:184 Resp: 328
Ion Ratio Lower Upper
184 100
63 79.3 28.4 42.6#
154 0.0 44.3 66.5#

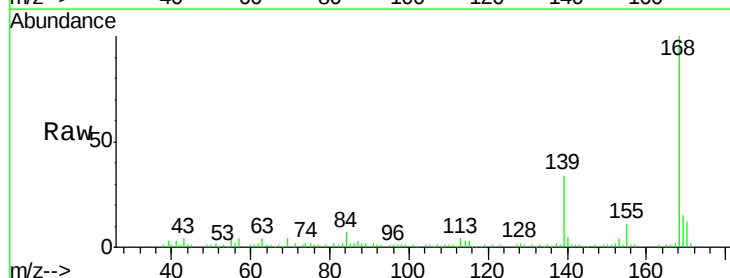


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

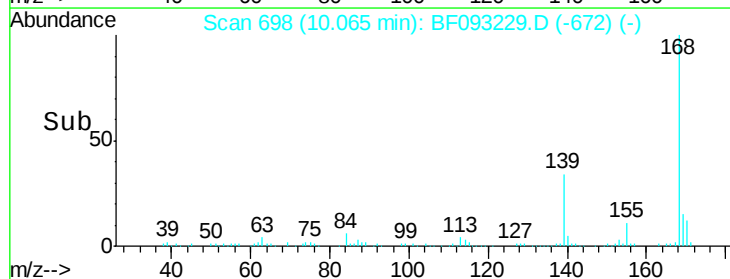
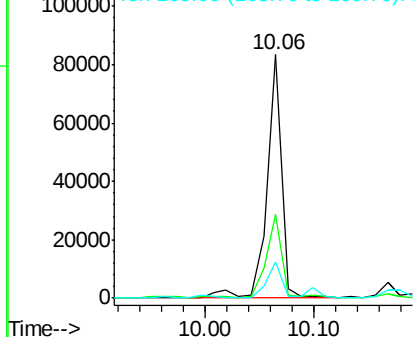


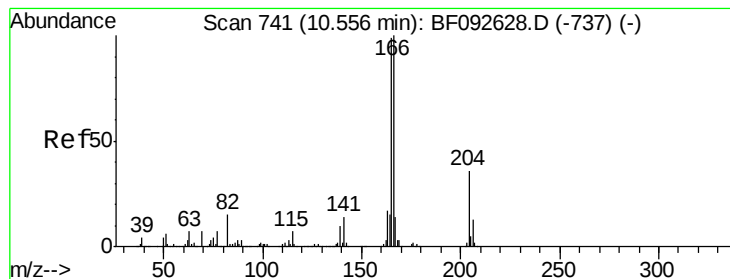
#54
Dibenzofuran
Concen: 3.91 ng
RT: 10.06 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF093229.D
Acq: 28 Feb 2017 2:37

Tgt Ion:168 Resp: 79166
Ion Ratio Lower Upper
168 100
139 34.2 32.6 49.0
169 15.1 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: 5.06 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF093229.D

Acq: 28 Feb 2017 2:37

Instrument :

BNA_F

ClientSampleId :

E2-B1E-ESW-2

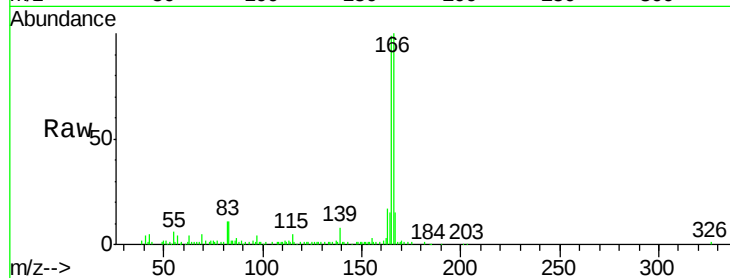
Tgt Ion:166 Resp: 78807

Ion Ratio Lower Upper

166 100

165 99.2 77.8 116.8

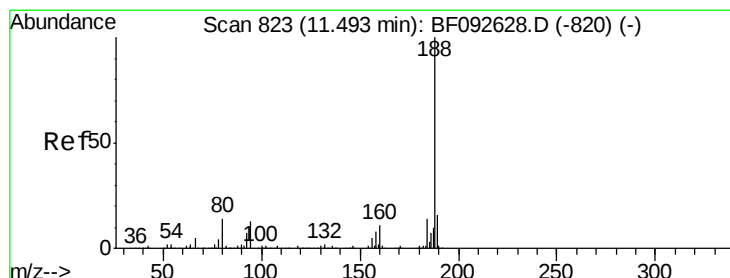
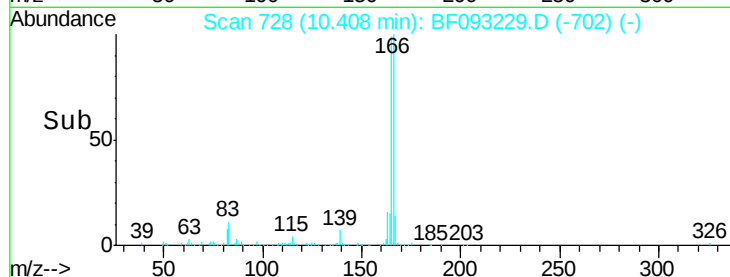
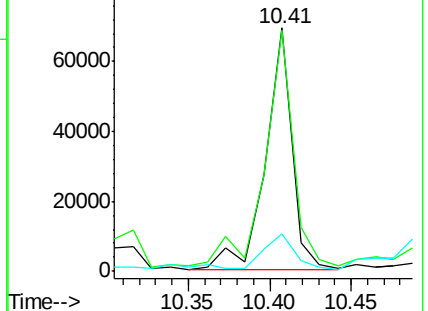
167 15.3 10.8 16.2



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. -0.00 min

Lab File: BF093229.D

Acq: 28 Feb 2017 2:37

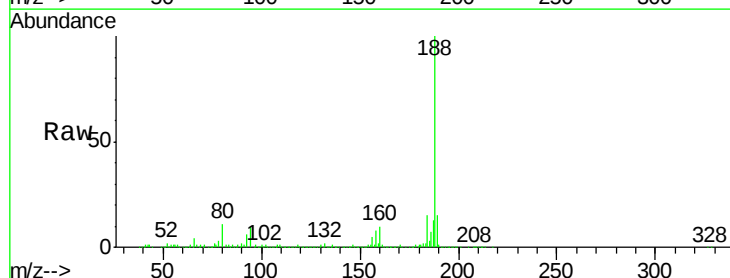
Tgt Ion:188 Resp: 394206

Ion Ratio Lower Upper

188 100

94 9.9 10.0 15.0#

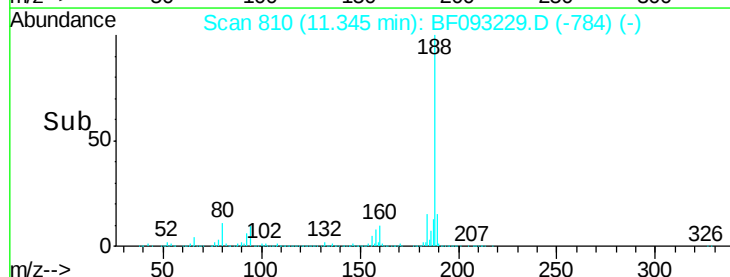
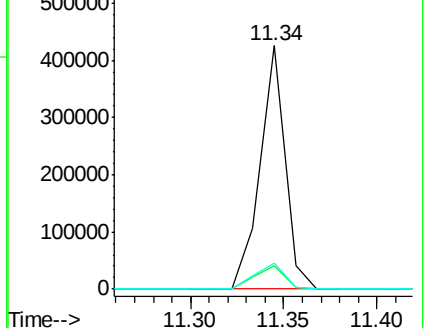
80 10.8 11.2 16.8#

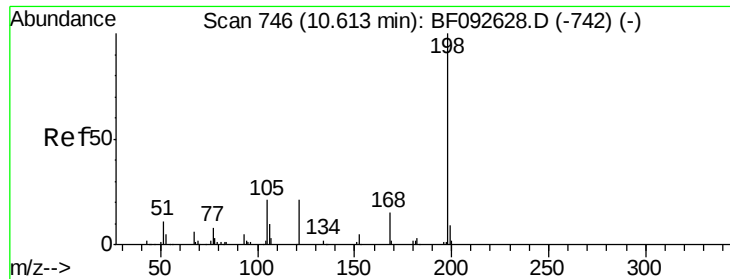


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

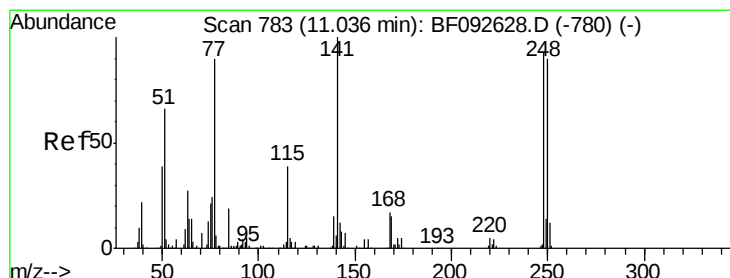
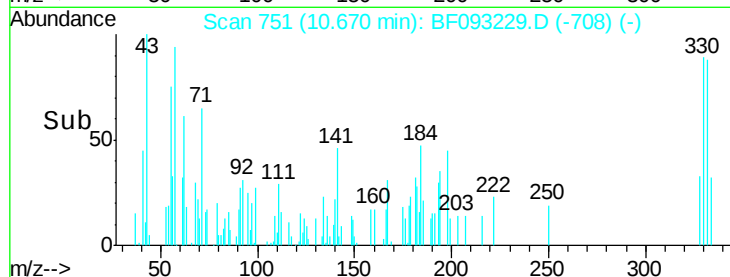
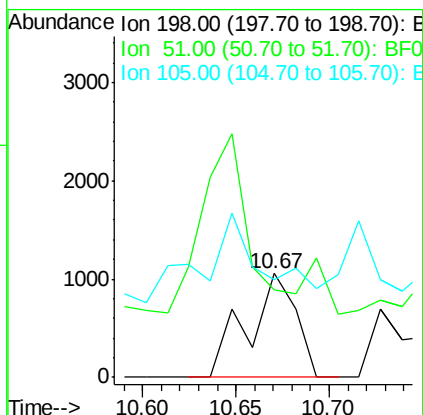
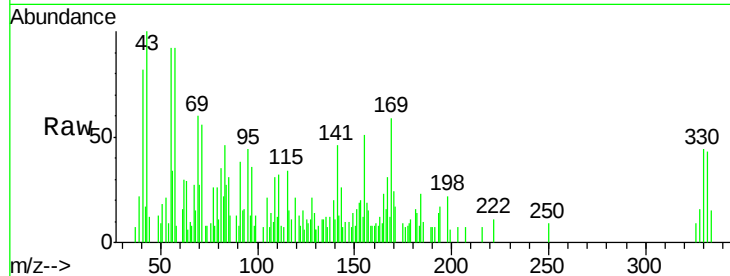




#64
 4,6-Dinitro-2-methylphenol
 Concen: 3.41 ng
 RT: 10.67 min Scan# 751
 Delta R.T. 0.19 min
 Lab File: BF093229.D
 Acq: 28 Feb 2017 2:37

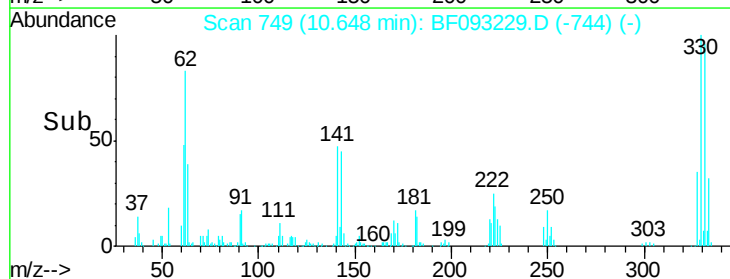
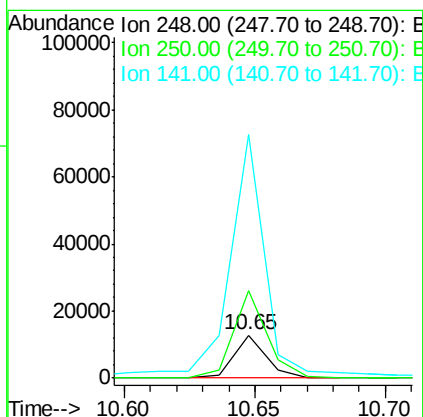
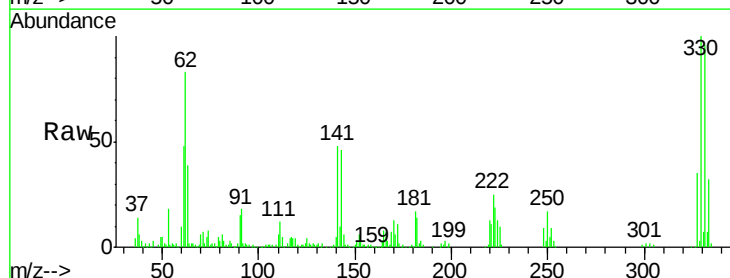
Instrument :
 BNA_F
 ClientSampleId :
 E2-B1E-ESW-2

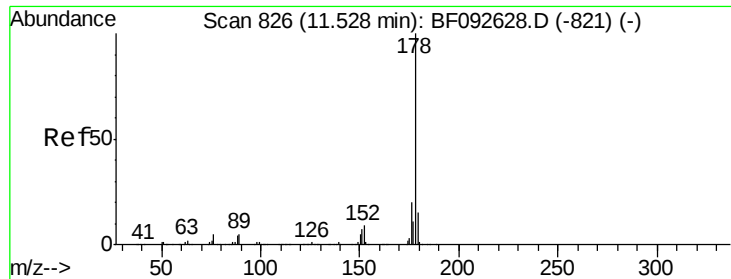
Tgt Ion:198 Resp: 1881
 Ion Ratio Lower Upper
 198 100
 51 84.1 6.7 46.7#
 105 94.2 16.6 56.6#



#66
 4-Bromophenyl-phenylether
 Concen: 2.72 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.24 min
 Lab File: BF093229.D
 Acq: 28 Feb 2017 2:37

Tgt Ion:248 Resp: 11221
 Ion Ratio Lower Upper
 248 100
 250 201.8 76.9 115.3#
 141 562.9 68.2 102.4#

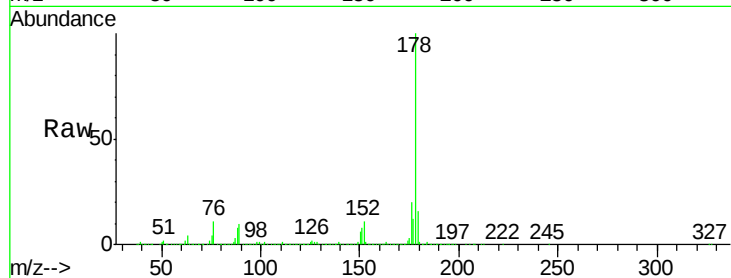




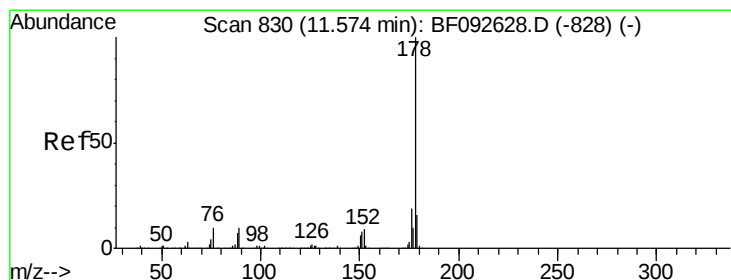
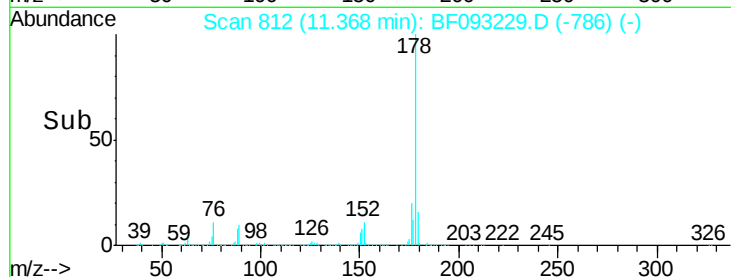
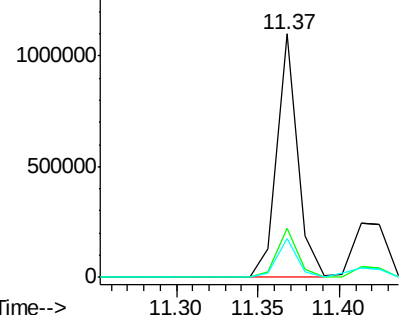
#70
Phenanthrene
Concen: 43.04 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF093229.D
Acq: 28 Feb 2017 2:37

Instrument :
BNA_F
ClientSampleId :
E2-B1E-ESW-2

Tgt Ion:178 Resp: 971954
Ion Ratio Lower Upper
178 100
176 20.0 16.6 25.0
179 15.8 12.8 19.2

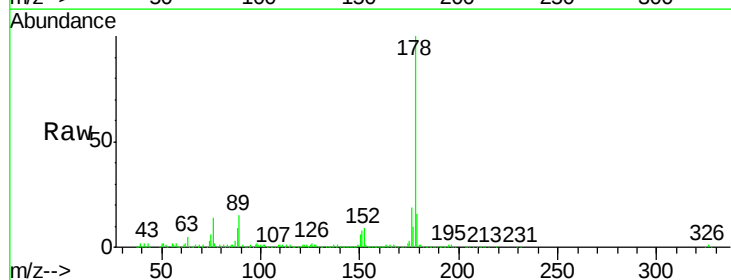


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

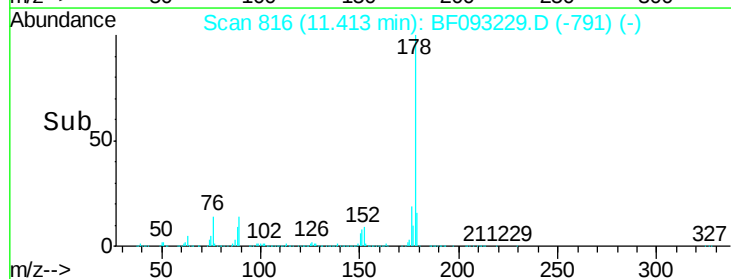
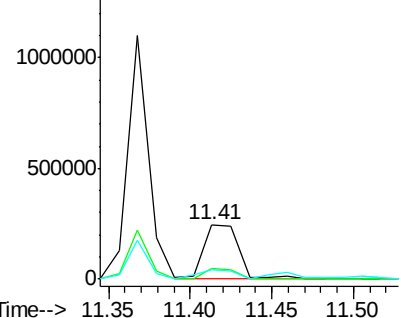


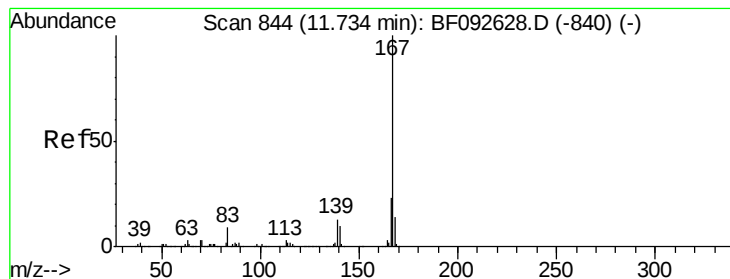
#71
Anthracene
Concen: 15.43 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF093229.D
Acq: 28 Feb 2017 2:37

Tgt Ion:178 Resp: 349962
Ion Ratio Lower Upper
178 100
176 18.9 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: 6.29 ng

RT: 11.58 min Scan# 831

Delta R.T. -0.00 min

Lab File: BF093229.D

Acq: 28 Feb 2017 2:37

Instrument :

BNA_F

ClientSampleId :

E2-B1E-ESW-2

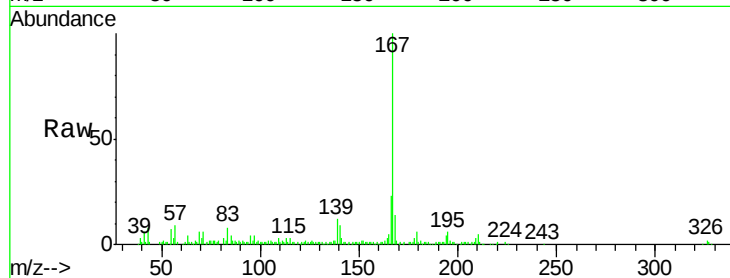
Tgt Ion:167 Resp: 136470

Ion Ratio Lower Upper

167 100

166 23.3 18.2 27.2

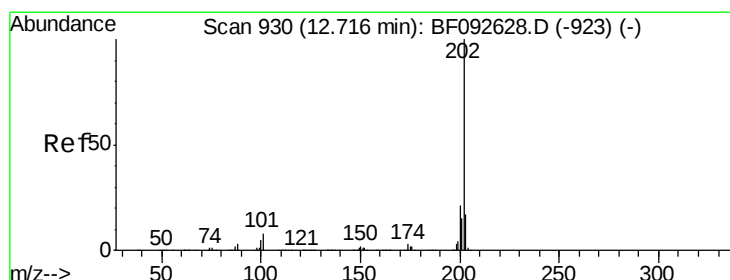
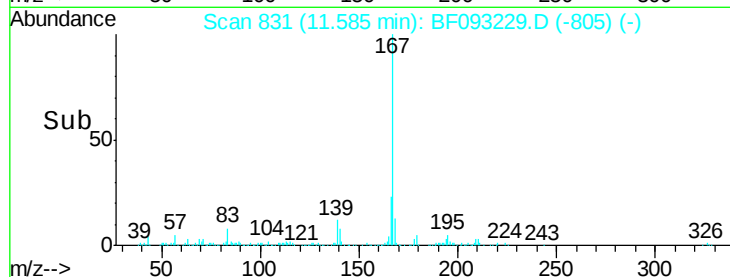
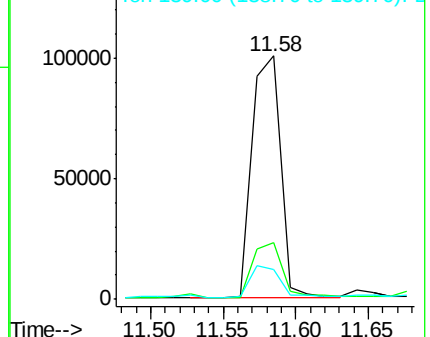
139 12.4 11.4 17.2



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: 84.44 ng

RT: 12.57 min Scan# 917

Delta R.T. 0.01 min

Lab File: BF093229.D

Acq: 28 Feb 2017 2:37

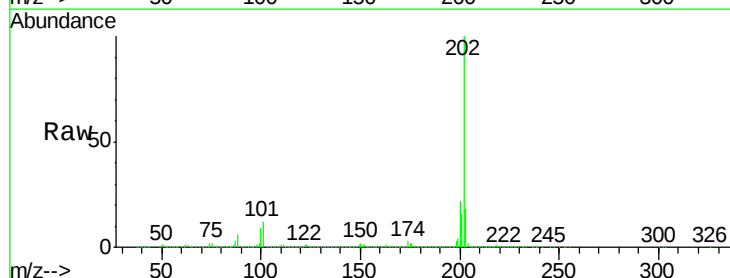
Tgt Ion:202 Resp: 1967078

Ion Ratio Lower Upper

202 100

101 12.1 0.0 34.6

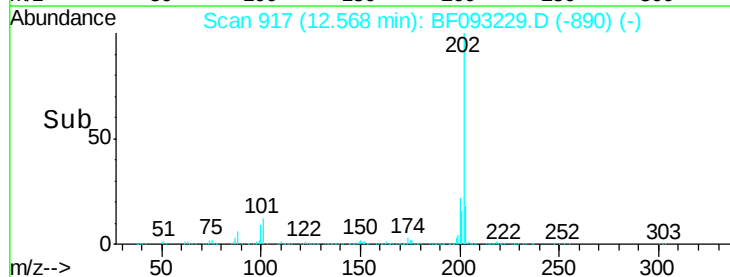
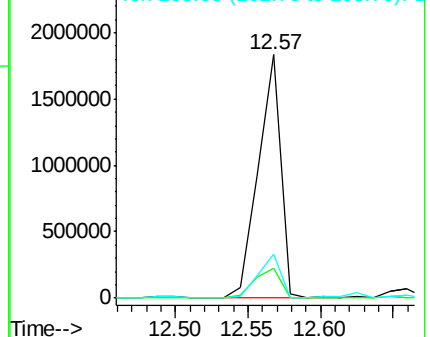
203 18.0 0.0 38.7

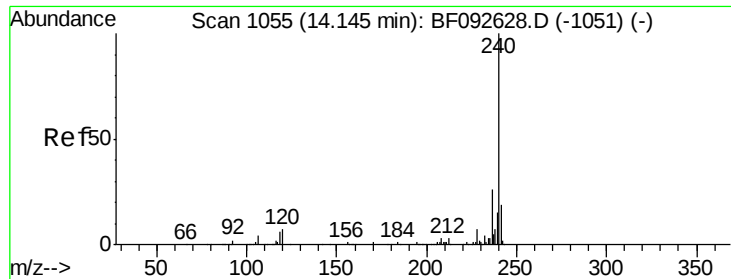


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.00 min Scan# 1042

Delta R.T. 0.01 min

Lab File: BF093229.D

Acq: 28 Feb 2017 2:37

Instrument :

BNA_F

ClientSampleId :

E2-B1E-ESW-2

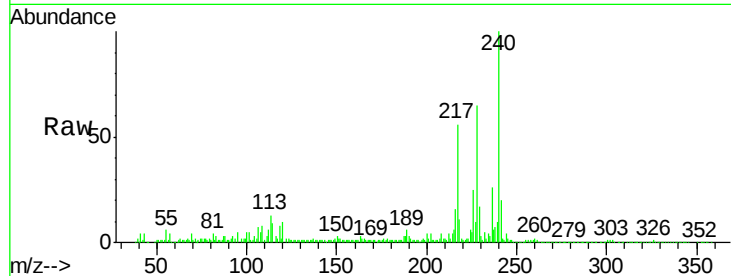
Tgt Ion:240 Resp: 298150

Ion Ratio Lower Upper

240 100

120 9.7 12.9 19.3#

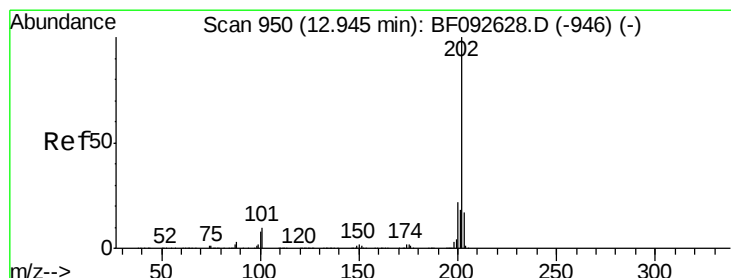
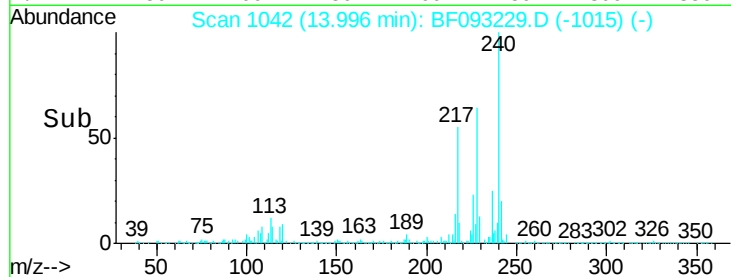
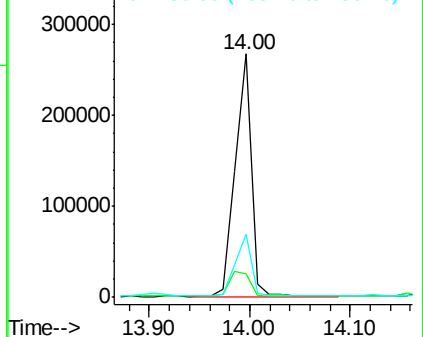
236 25.8 20.9 31.3



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: 82.23 ng

RT: 12.80 min Scan# 937

Delta R.T. 0.01 min

Lab File: BF093229.D

Acq: 28 Feb 2017 2:37

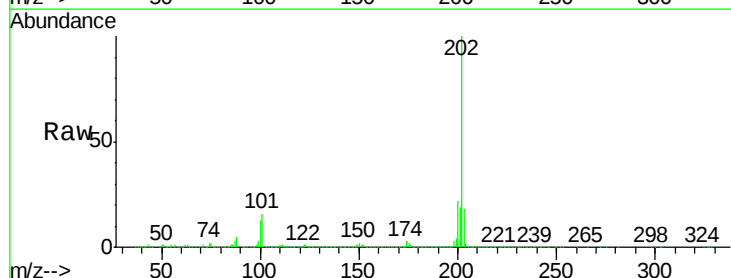
Tgt Ion:202 Resp: 1834851

Ion Ratio Lower Upper

202 100

200 22.4 17.7 26.5

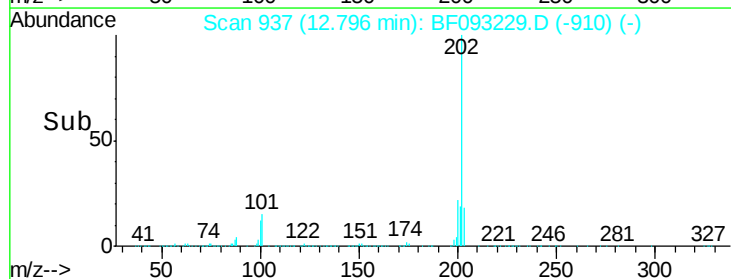
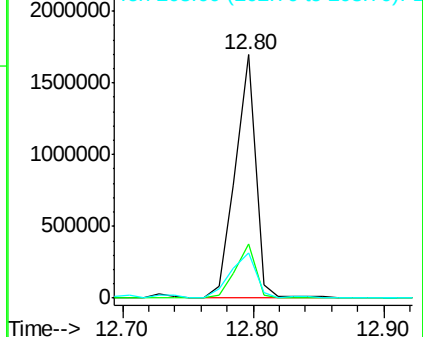
203 18.3 14.7 22.1

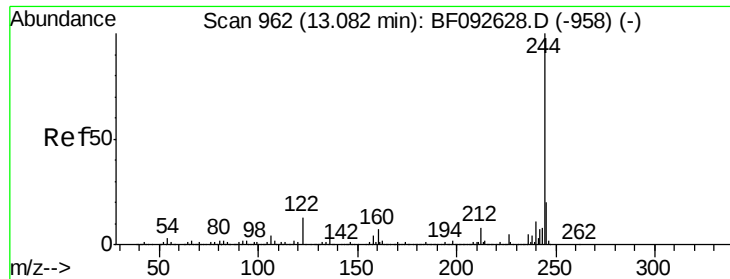


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

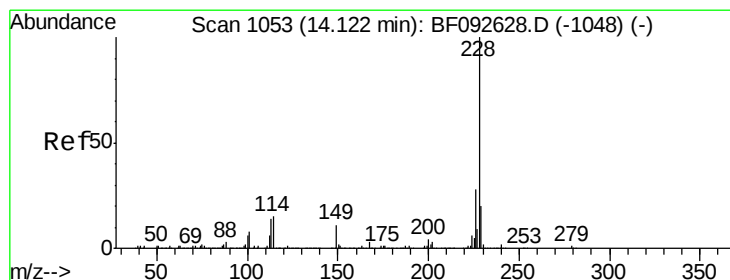
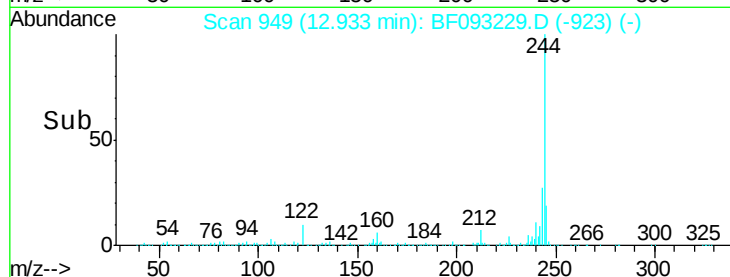
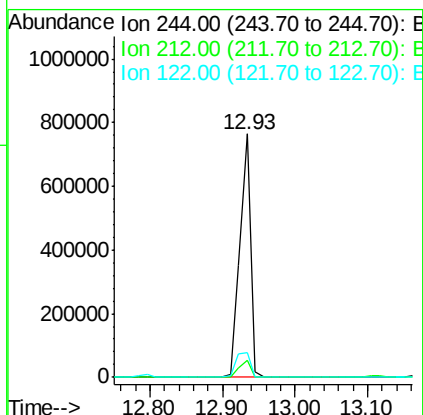
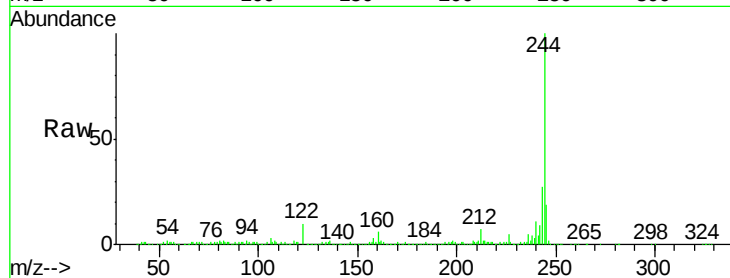




#78
 Terphenyl-d14
 Concen: 61.91 ng
 RT: 12.93 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: BF093229.D
 Acq: 28 Feb 2017 2:37

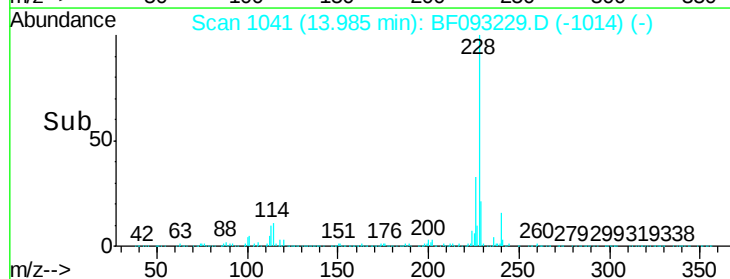
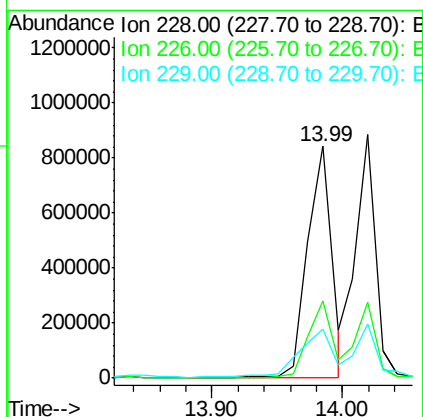
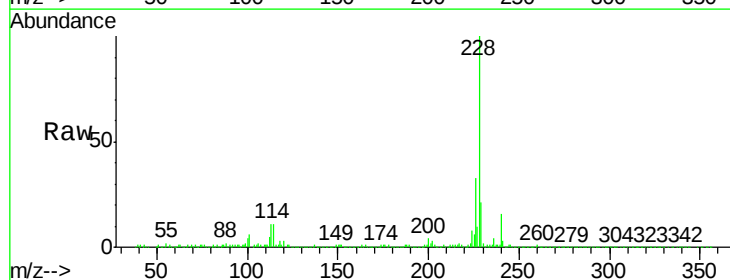
Instrument :
 BNA_F
 ClientSampleId :
 E2-B1E-ESW-2

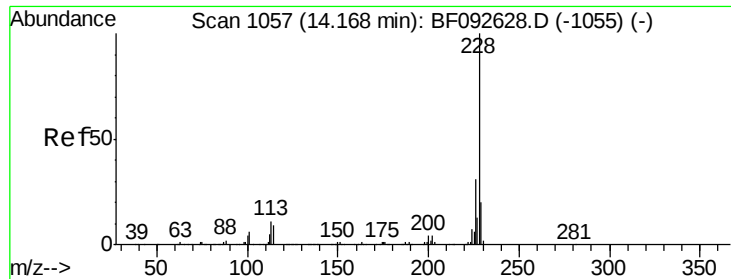
Tgt Ion:244 Resp: 785637
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.2 9.2
 122 10.1 11.4 17.2#



#80
 Benzo(a)anthracene
 Concen: 58.70 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. 0.01 min
 Lab File: BF093229.D
 Acq: 28 Feb 2017 2:37

Tgt Ion:228 Resp: 1070388
 Ion Ratio Lower Upper
 228 100
 226 33.1 22.4 33.6
 229 21.0 16.2 24.4





#82

Chrysene

Concen: 62.69 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.03 min

Lab File: BF093229.D

Acq: 28 Feb 2017 2:37

Instrument :

BNA_F

ClientSampleId :

E2-B1E-ESW-2

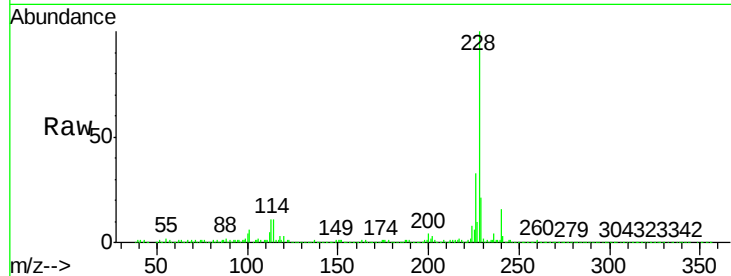
Tgt Ion:228 Resp: 1070388

Ion Ratio Lower Upper

228 100

226 33.1 25.4 38.0

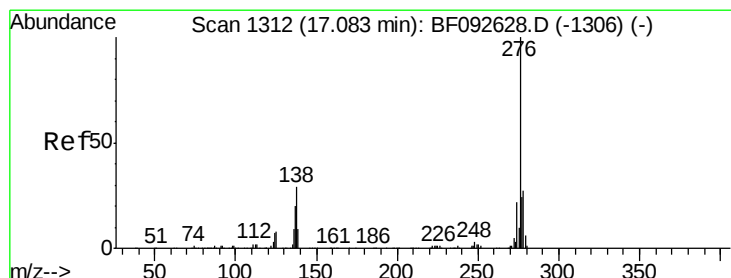
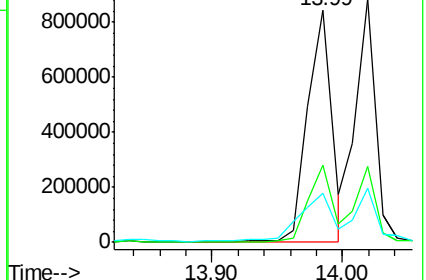
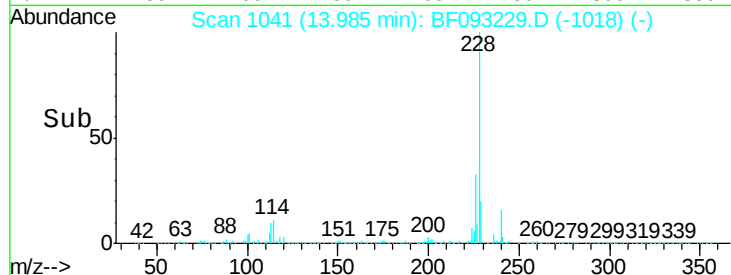
229 21.0 16.2 24.2



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: 38.52 ng

RT: 16.83 min Scan# 1290

Delta R.T. 0.01 min

Lab File: BF093229.D

Acq: 28 Feb 2017 2:37

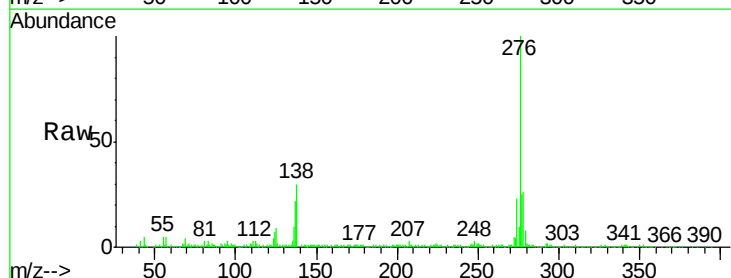
Tgt Ion:276 Resp: 509390

Ion Ratio Lower Upper

276 100

138 27.1 21.8 32.6

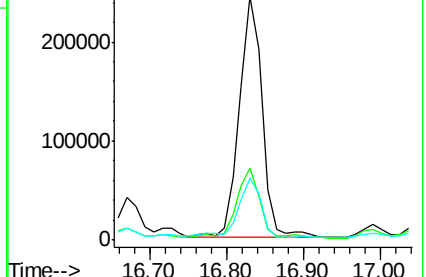
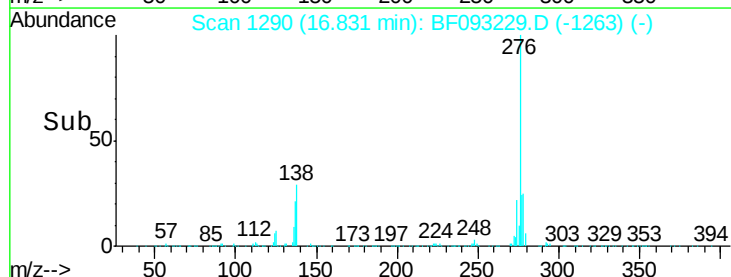
277 24.3 20.2 30.4

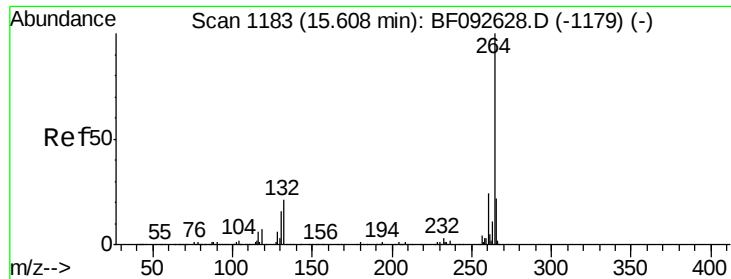


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



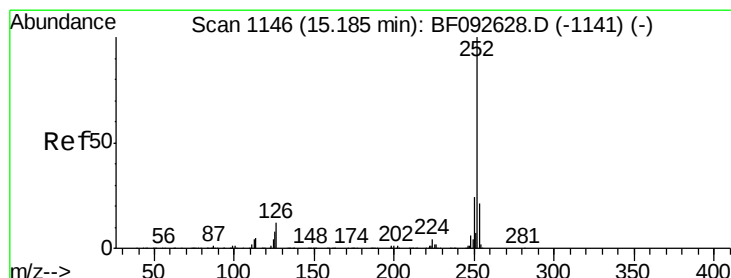
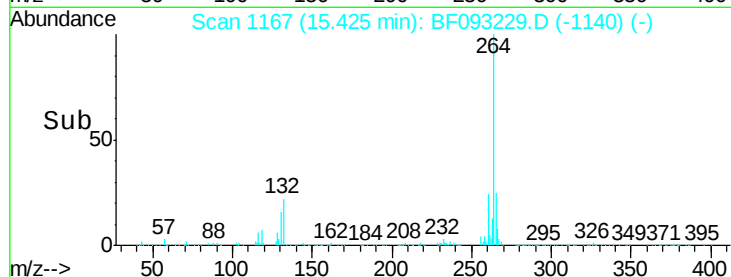
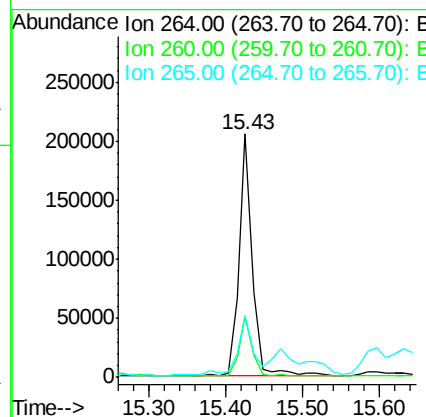
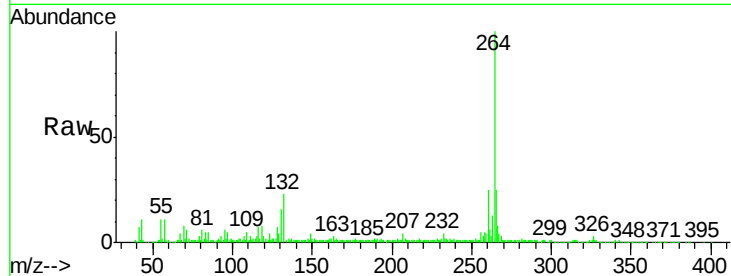


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1167
Delta R.T. 0.01 min
Lab File: BF093229.D
Acq: 28 Feb 2017 2:37

Instrument :
BNA_F
ClientSampleId :
E2-B1E-ESW-2

Tgt Ion: 264 Resp: 255329

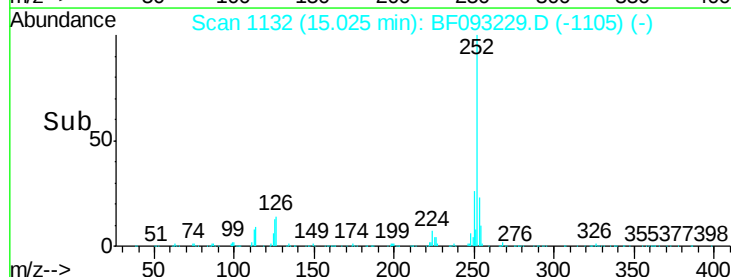
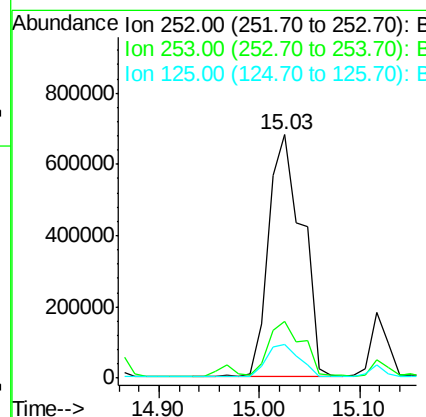
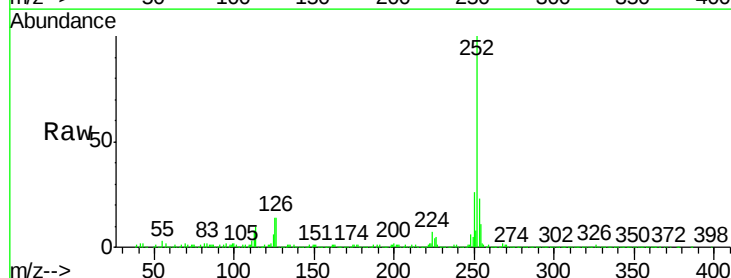
Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	25.3	17.4	26.0

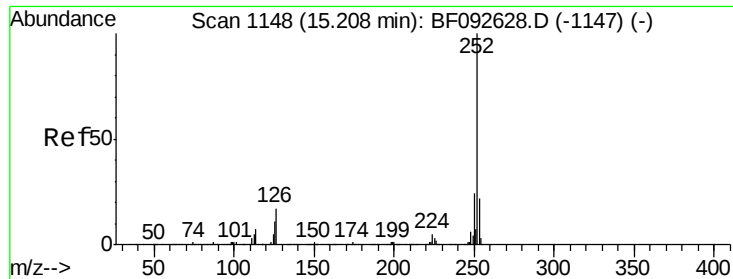


#87
Benzo(b)fluoranthene
Concen: 93.54 ng
RT: 15.03 min Scan# 1132
Delta R.T. 0.01 min
Lab File: BF093229.D
Acq: 28 Feb 2017 2:37

Tgt Ion: 252 Resp: 1571977

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.4
125	13.6	9.8	14.6

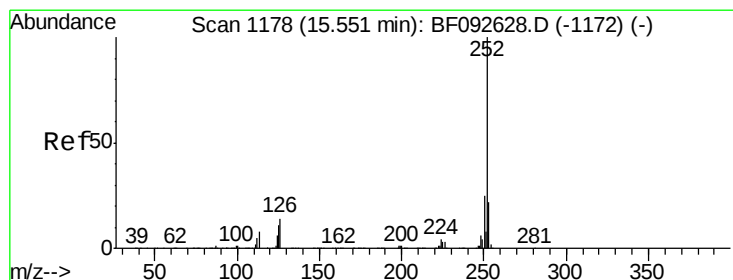
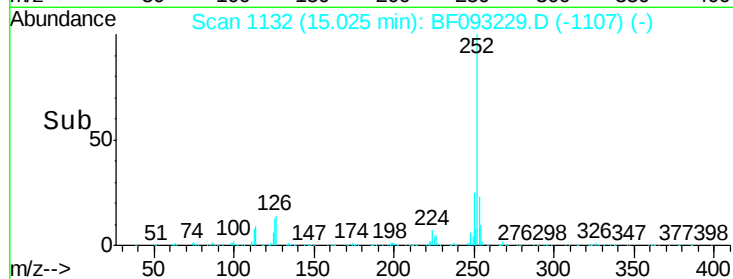
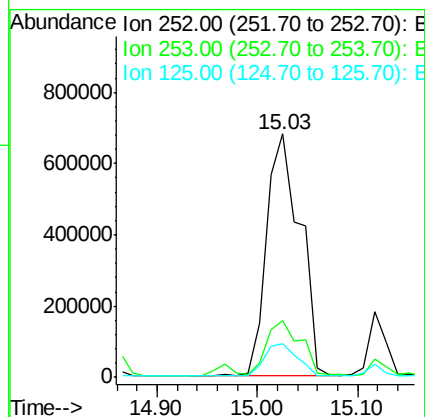
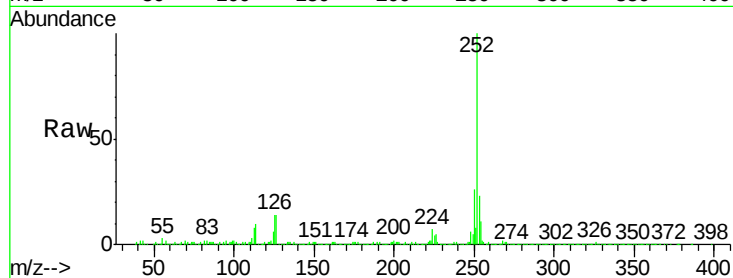




#88
Benzo(k)fluoranthene
Concen: 108.33 ng
RT: 15.03 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BF093229.D
Acq: 28 Feb 2017 2:37

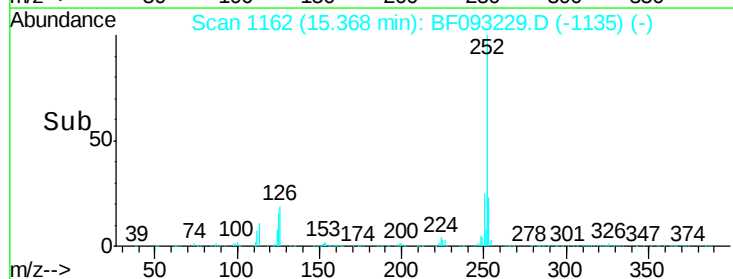
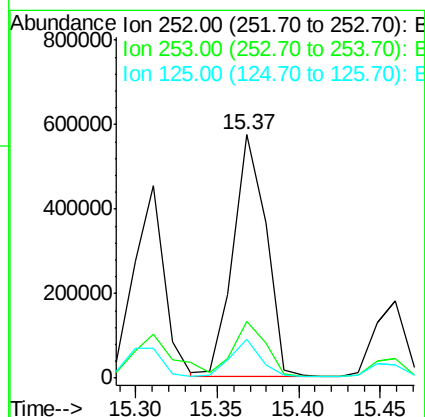
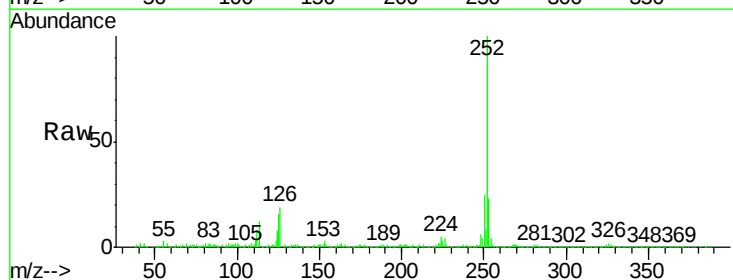
Instrument :
BNA_F
ClientSampleId :
E2-B1E-ESW-2

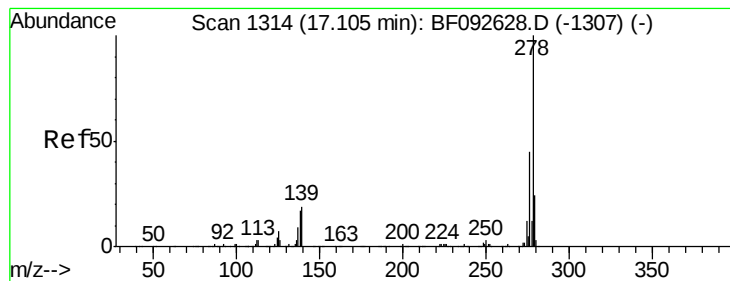
Tgt Ion:252 Resp: 1571977
Ion Ratio Lower Upper
252 100
253 23.2 18.5 27.7
125 13.6 8.9 13.3#



#89
Benzo(a)pyrene
Concen: 55.13 ng
RT: 15.37 min Scan# 1162
Delta R.T. 0.01 min
Lab File: BF093229.D
Acq: 28 Feb 2017 2:37

Tgt Ion:252 Resp: 801442
Ion Ratio Lower Upper
252 100
253 23.5 18.2 27.2
125 15.9 10.0 15.0#





#90

Dibenzo(a,h)anthracene

Concen: 4.66 ng

RT: 17.05 min Scan# 1309

Delta R.T. 0.22 min

Lab File: BF093229.D

Acq: 28 Feb 2017 2:37

Instrument :

BNA_F

ClientSampleId :

E2-B1E-ESW-2

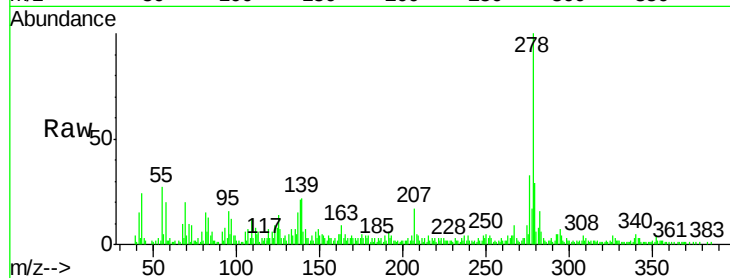
Tgt Ion:278 Resp: 54708

Ion Ratio Lower Upper

278 100

139 22.0 14.8 22.2

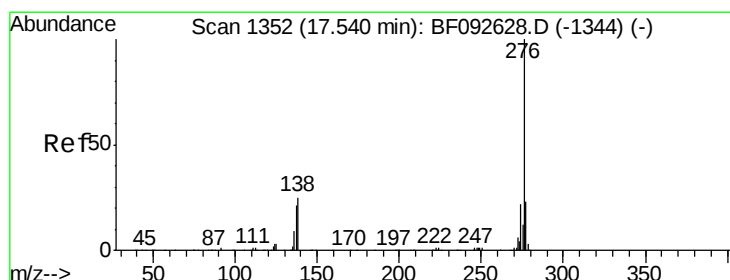
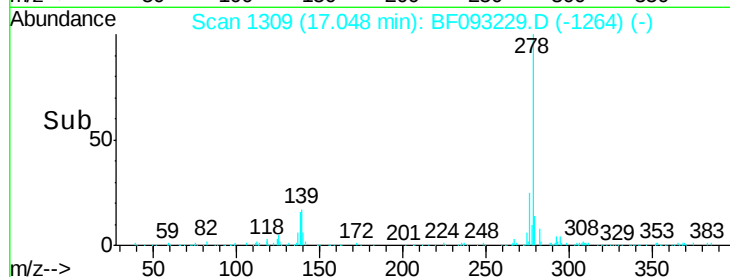
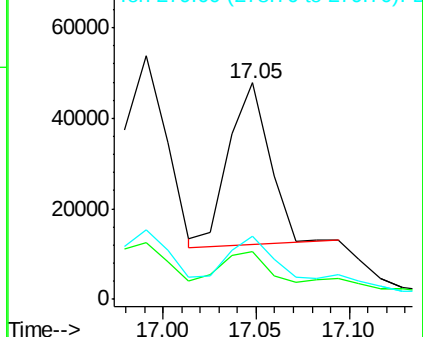
279 29.1 19.8 29.6



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: 39.41 ng

RT: 17.27 min Scan# 1328

Delta R.T. 0.02 min

Lab File: BF093229.D

Acq: 28 Feb 2017 2:37

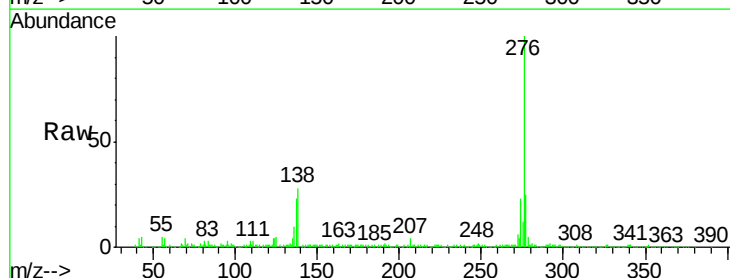
Tgt Ion:276 Resp: 467703

Ion Ratio Lower Upper

276 100

277 25.1 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

