

Data File : BF093186.D
Acq On : 25 Feb 2017 12:08
Operator : SJ/MA
Sample : I1972-11
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-B1-BASE-3

Quant Time: Feb 26 23:41:19 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	150464	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	555126	20.00	ng	-0.02
38) Acenaphthene-d10	9.88	164	218192	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	331680	20.00	ng	-0.01
75) Chrysene-d12	14.03	240	244275	20.00	ng	0.01
86) Perylene-d12	15.47	264	294541	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	982855	112.07	ng	-0.02
7) Phenol-d6	6.48	99	1118320	99.10	ng	-0.01
23) Nitrobenzene-d5	7.40	82	702596	70.48	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	165886	105.12	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	1157732	96.13	ng	-0.02
78) Terphenyl-d14	12.96	244	753062	72.44	ng	-0.01

Target Compounds						Qvalue
10) Phenol	6.49	94	82176	6.22	ng	# 77
19) n-Nitroso-di-n-propylamine	7.40	70	99862	13.90	ng	# 82
20) 3+4-Methylphenols	7.26	107	20090	2.02	ng	# 75
25) Isophorone	7.40	82	629083	33.87	ng	# 65
31) Naphthalene	8.14	128	594371	21.12	ng	99
32) Benzoic acid	7.93	122	10566	9.02	ng	# 29
33) 4-Chloroaniline	8.14	127	80270	7.27	ng	# 34
37) 2-Methylnaphthalene	8.83	142	184098	10.19	ng	97
45) 1,1'-Biphenyl	9.30	154	50020	3.17	ng	97
48) Acenaphthylene	9.74	152	815976	38.22	ng	97
49) Dimethylphthalate	9.60	163	116493	7.93	ng	100
51) Acenaphthene	9.90	154	28767	2.25	ng	95
53) 2,4-Dinitrophenol	10.17	184	1522	5.62	ng	# 71
54) Dibenzofuran	10.08	168	123796	7.25	ng	# 98
57) Fluorene	10.42	166	55332	4.21	ng	# 83
64) 4,6-Dinitro-2-methylphenol	10.61	198	278	2.80	ng	# 1
66) 4-Bromophenyl-phenylether	10.67	248	12402	3.58	ng	# 1
70) Phenanthrene	11.39	178	649503	34.18	ng	98
71) Anthracene	11.44	178	728867	38.19	ng	98
72) Carbazole	11.60	167	268468	14.72	ng	99
74) Fluoranthene	12.60	202	3975265	202.81	ng	95
77) Pyrene	12.83	202	3393017	185.61	ng	99
80) Benzo(a)anthracene	14.07	228	2249241	150.55	ng	92
82) Chrysene	14.07	228	2252126	161.00	ng	96
85) Indeno(1,2,3-cd)pyrene	16.90	276	1306864	120.62	ng	97
87) Benzo(b)fluoranthene	15.07	252	4680015	241.40	ng	99
88) Benzo(k)fluoranthene	15.07	252	4680015	279.59	ng	98
89) Benzo(a)pyrene	15.43	252	1991655	118.77	ng	99
90) Dibenzo(a,h)anthracene	17.04	278	274357	20.24	ng	96
91) Benzo(g,h,i)perylene	17.32	276	1084849	79.23	ng	# 90

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

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Instrument :

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E2-B1-BASE-3

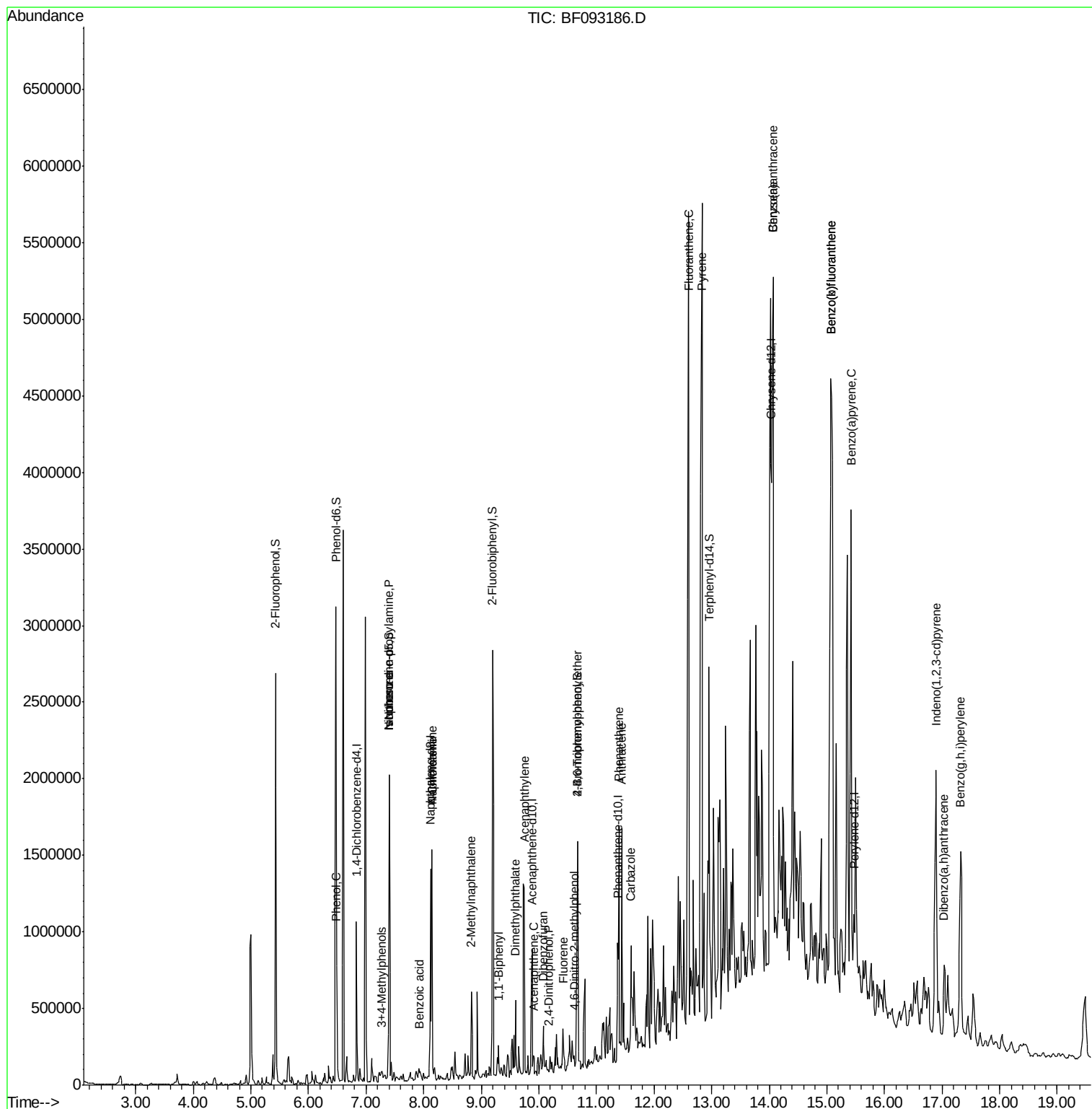
Quant Time: Feb 26 23:41:19 2017

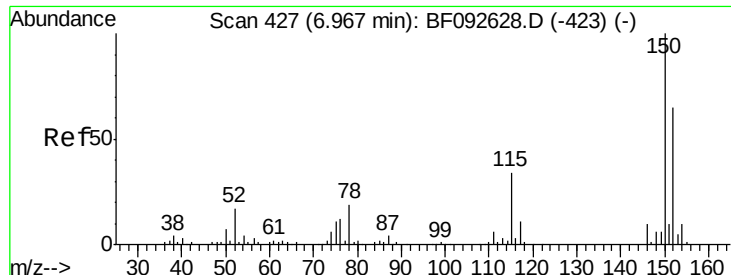
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M

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#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-BASE-3

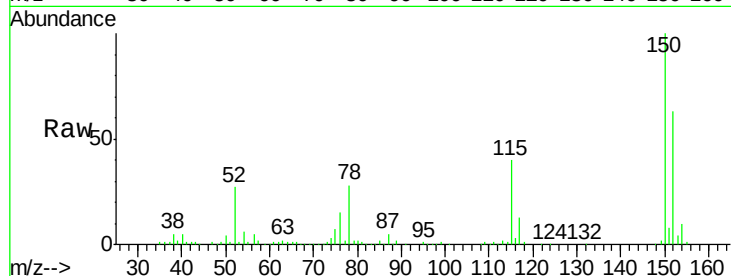
Tgt Ion:152 Resp: 150464

Ion Ratio Lower Upper

152 100

150 157.8 124.9 187.3

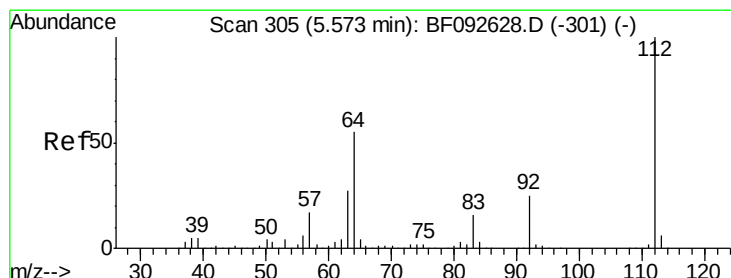
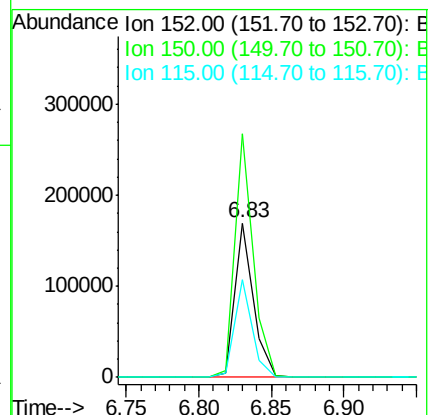
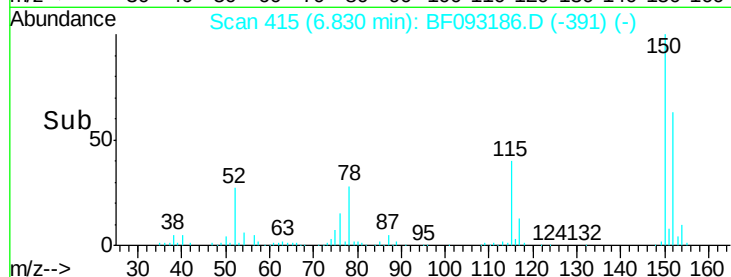
115 63.5 46.0 69.0



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: 112.07 ng

RT: 5.42 min Scan# 292

Delta R.T. -0.02 min

Lab File: BF093186.D

Acq: 25 Feb 2017 12:08

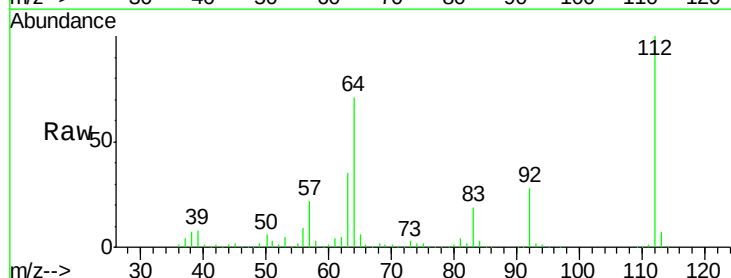
Tgt Ion:112 Resp: 982855

Ion Ratio Lower Upper

112 100

64 70.5 46.1 69.1#

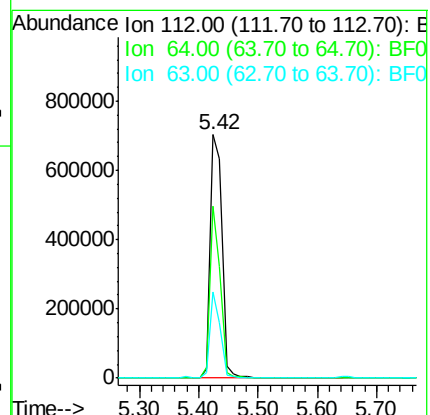
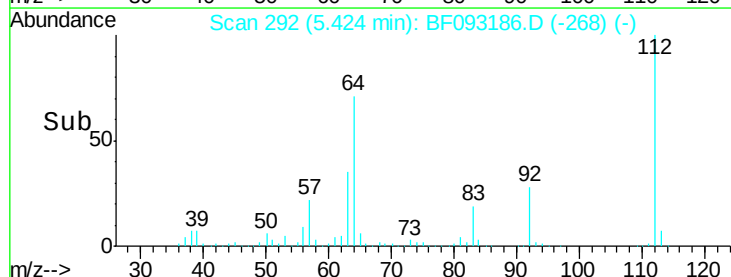
63 35.2 23.8 35.6

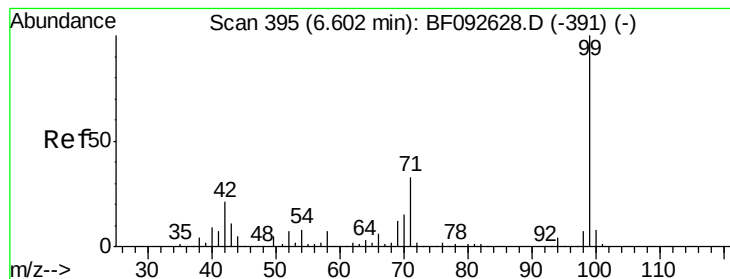


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 99.10 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

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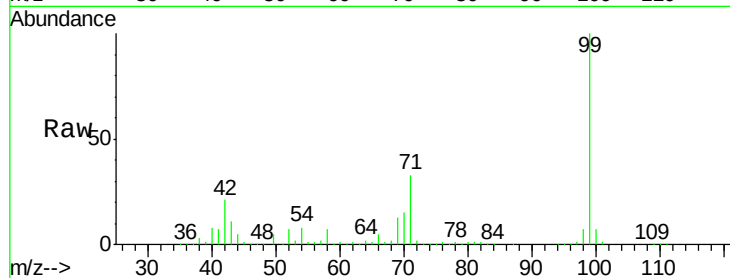
Tgt Ion: 99 Resp: 1118320

Ion Ratio Lower Upper

99 100

42 20.6 15.6 23.4

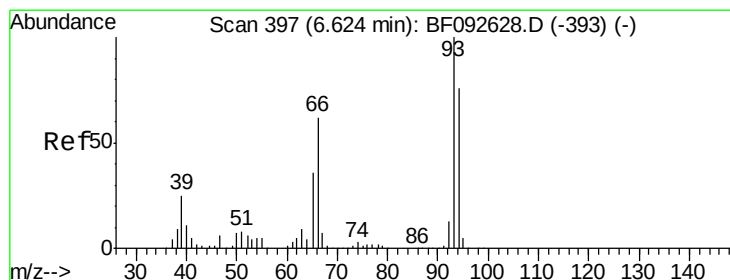
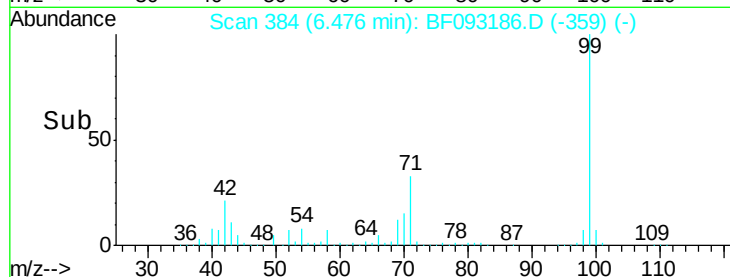
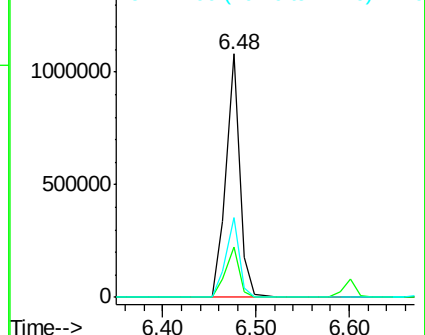
71 32.8 27.5 41.3



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: 6.22 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF093186.D

Acq: 25 Feb 2017 12:08

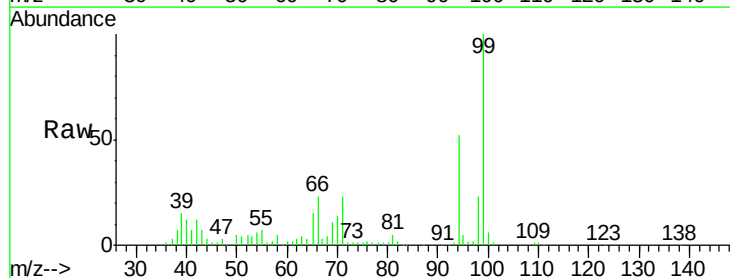
Tgt Ion: 94 Resp: 82176

Ion Ratio Lower Upper

94 100

65 29.0 21.4 61.4

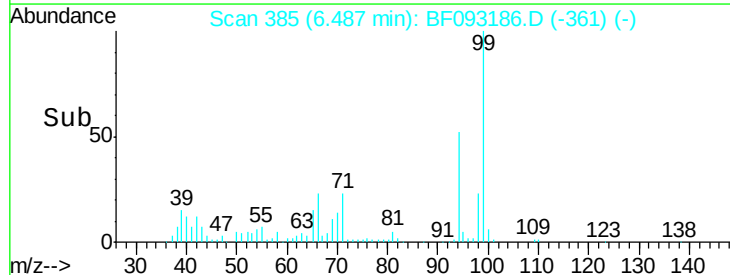
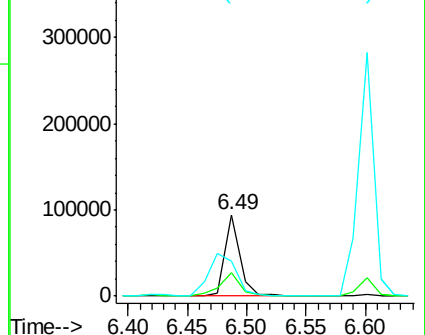
66 43.8 44.0 84.0#

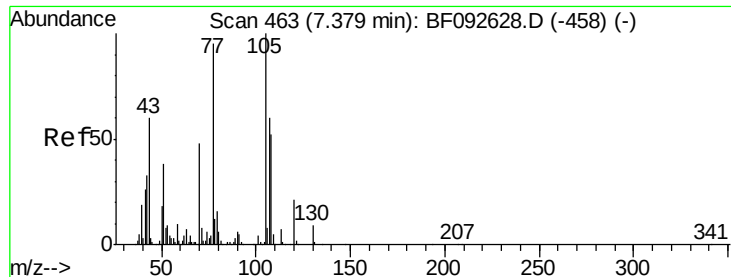


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

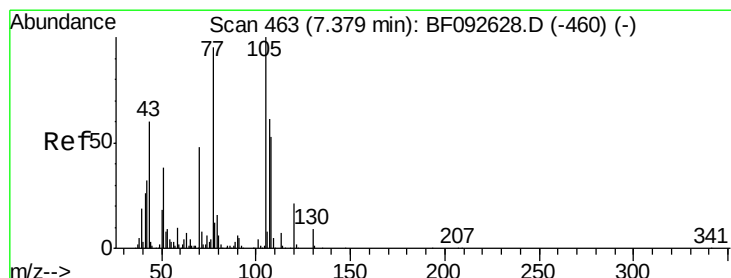
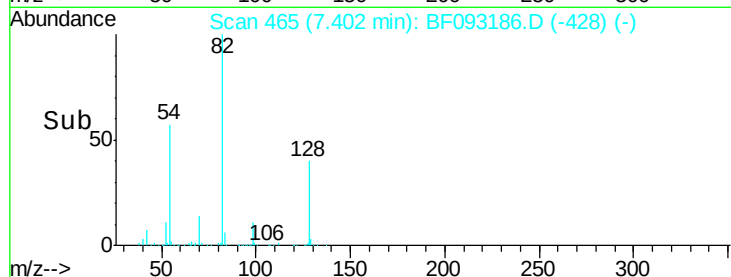
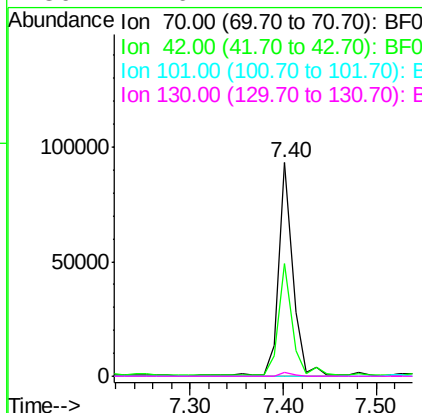
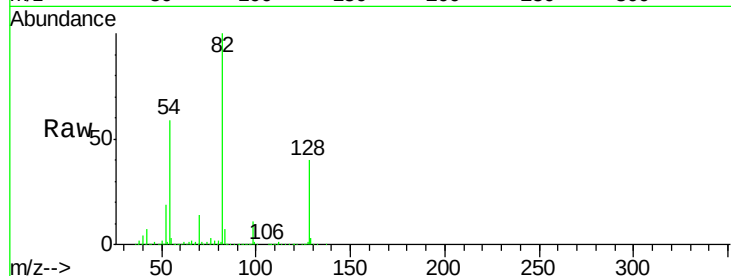




#19
 n-Nitroso-di-n-propylamine
 Concen: 13.90 ng
 RT: 7.40 min Scan# 465
 Delta R.T. 0.13 min
 Lab File: BF093186.D
 Acq: 25 Feb 2017 12:08

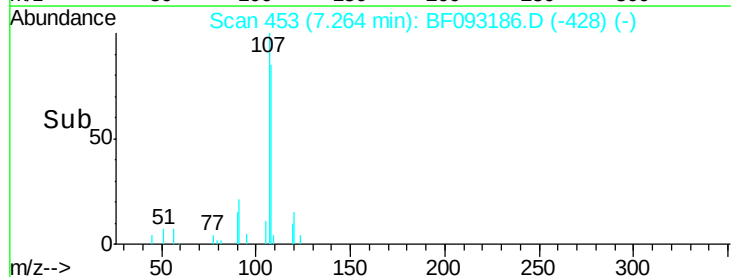
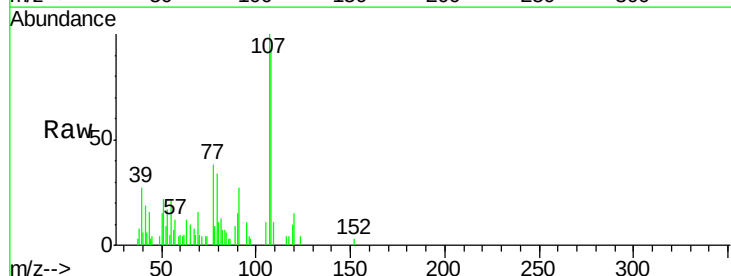
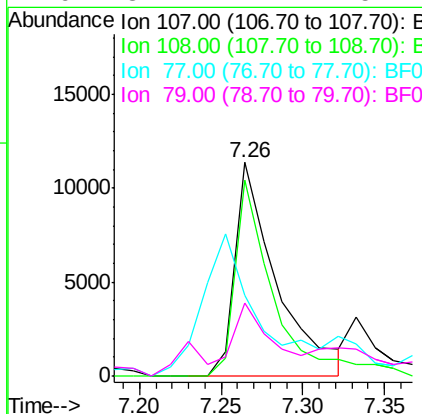
Instrument :
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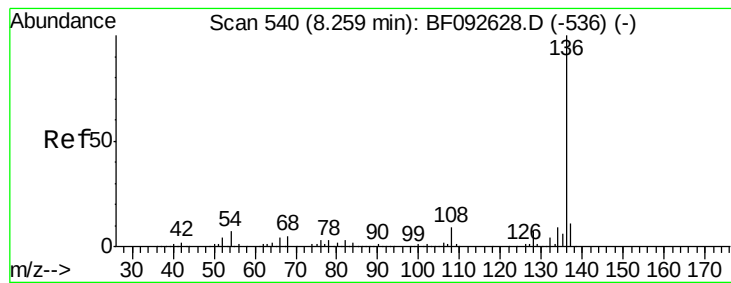
Tgt Ion	Ratio	Lower	Upper
70	100		
42	52.7	49.4	74.0
101	0.0	7.4	11.2#
130	1.6	14.2	21.4#



#20
 3+4-Methylphenols
 Concen: 2.02 ng
 RT: 7.26 min Scan# 453
 Delta R.T. -0.01 min
 Lab File: BF093186.D
 Acq: 25 Feb 2017 12:08

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.7	73.0	113.0
77	38.0	71.3	111.3#
79	34.4	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.02 min

Lab File: BF093186.D

Acq: 25 Feb 2017 12:08

Instrument :

BNA_F

ClientSampleId :

E2-B1-BASE-3

Tgt Ion:136 Resp: 555126

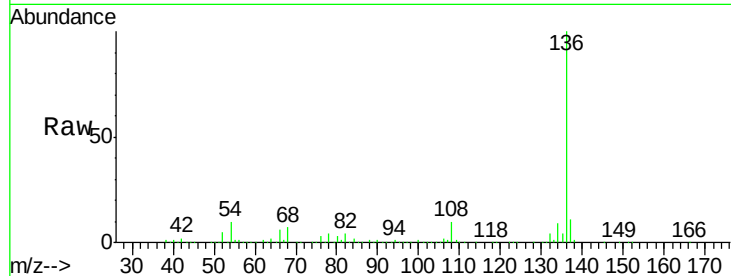
Ion Ratio Lower Upper

136 100

137 11.0 8.4 12.6

54 10.3 4.5 6.7#

68 7.0 3.6 5.4#

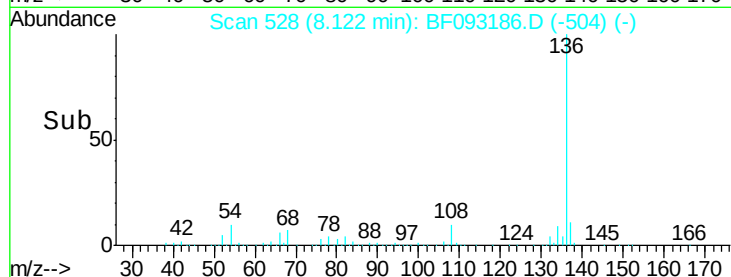


Abundance Ion 136.00 (135.70 to 136.70): E

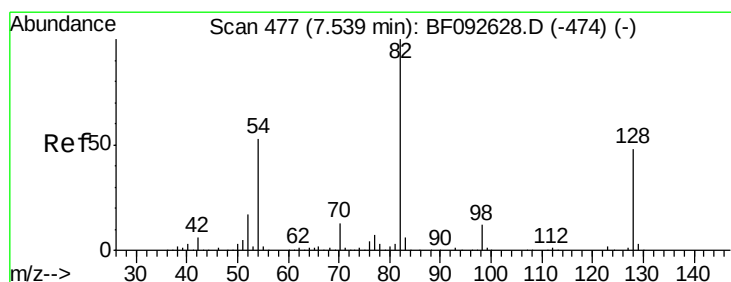
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 70.48 ng

RT: 7.40 min Scan# 465

Delta R.T. -0.02 min

Lab File: BF093186.D

Acq: 25 Feb 2017 12:08

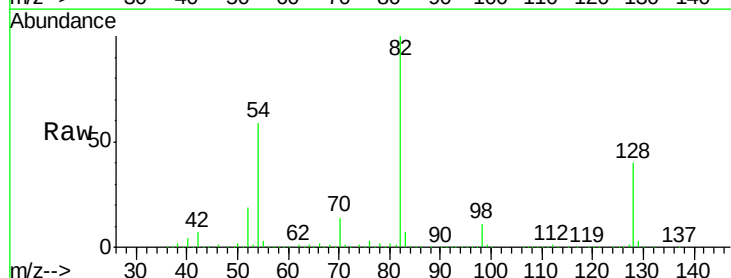
Tgt Ion: 82 Resp: 702596

Ion Ratio Lower Upper

82 100

128 40.0 34.6 52.0

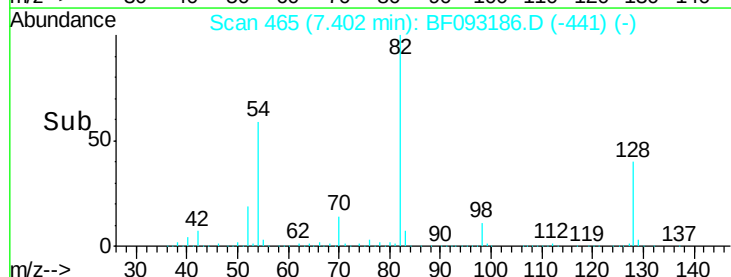
54 59.0 39.5 59.3



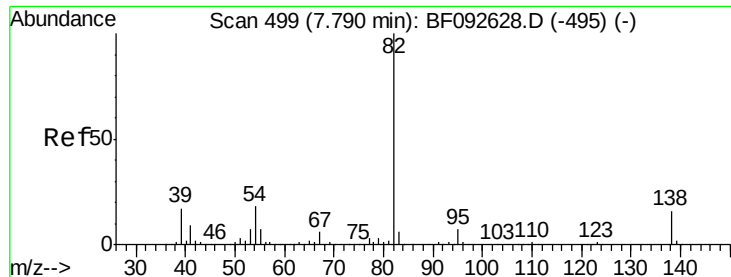
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->



#25

Isophorone

Concen: 33.87 ng

RT: 7.40 min Scan# 465

Delta R.T. -0.29 min

Lab File: BF093186.D

Acq: 25 Feb 2017 12:08

Instrument :

BNA_F

ClientSampleId :

E2-B1-BASE-3

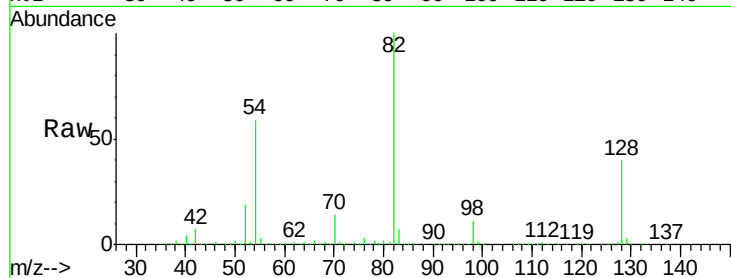
Tgt Ion: 82 Resp: 629083

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): E

7.40

600000

400000

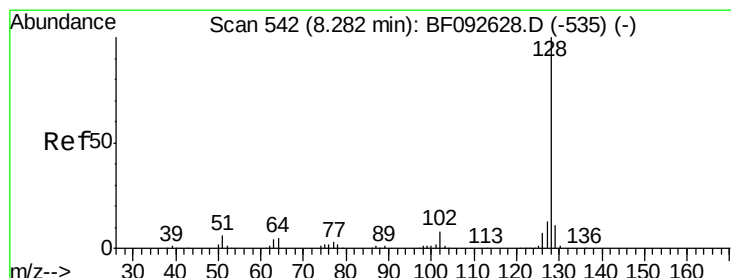
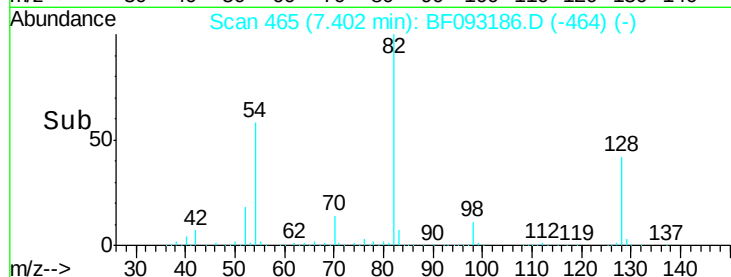
200000

0

7.40

7.45

Time-->



#31

Naphthalene

Concen: 21.12 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.02 min

Lab File: BF093186.D

Acq: 25 Feb 2017 12:08

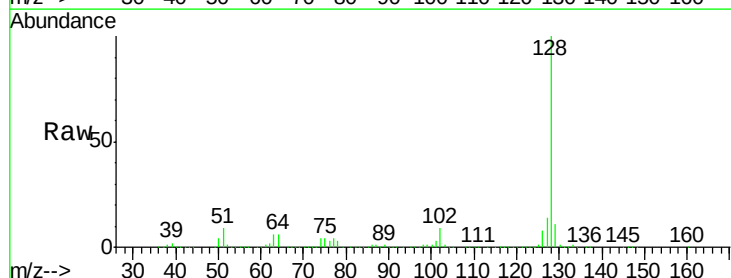
Tgt Ion: 128 Resp: 594371

Ion Ratio Lower Upper

128 100

129 11.2 9.5 14.3

127 13.6 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

8.14

1000000

800000

600000

400000

200000

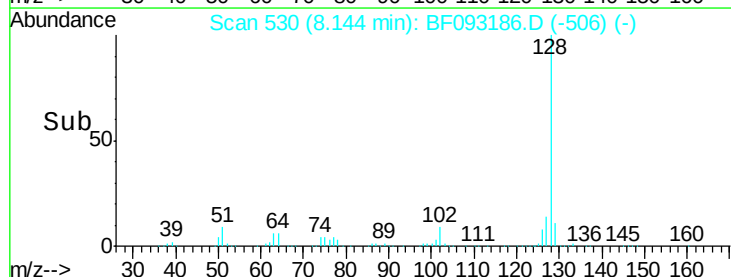
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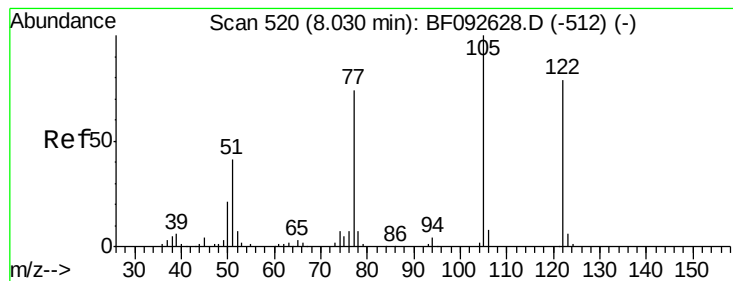
8.00

8.10

8.20

Time-->





#32

Benzoic acid

Concen: 9.02 ng

RT: 7.93 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF093186.D

Acq: 25 Feb 2017 12:08

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E2-B1-BASE-3

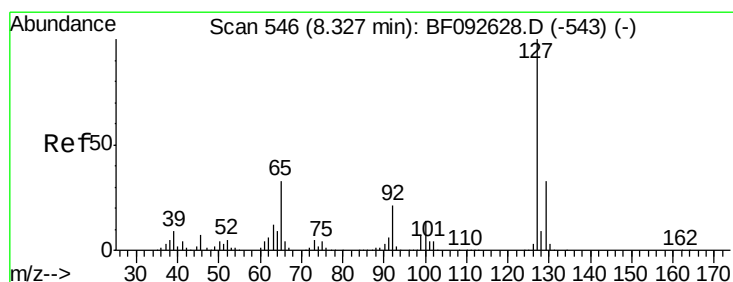
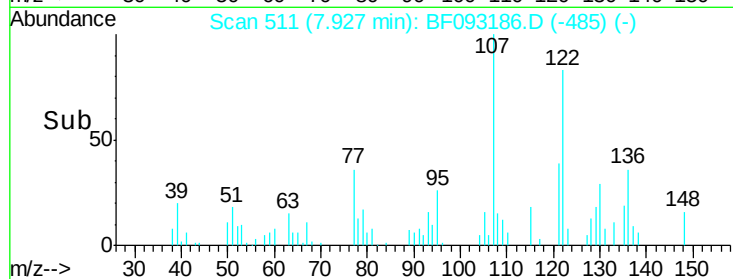
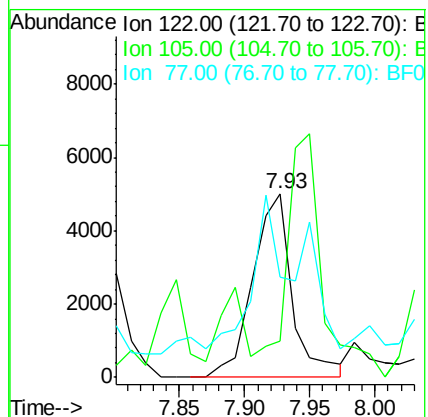
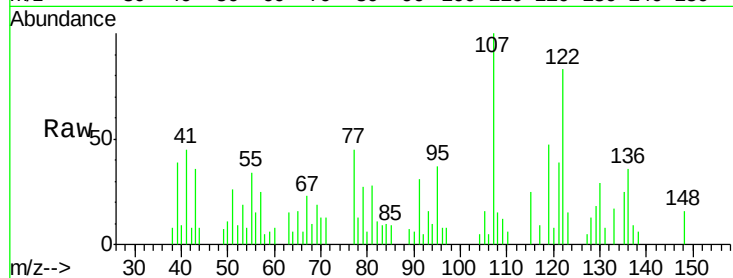
Tgt Ion:122 Resp: 10566

Ion Ratio Lower Upper

122 100

105 19.6 107.2 147.2#

77 54.7 74.5 114.5#



#33

4-Chloroaniline

Concen: 7.27 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.07 min

Lab File: BF093186.D

Acq: 25 Feb 2017 12:08

Tgt Ion:127 Resp: 80270

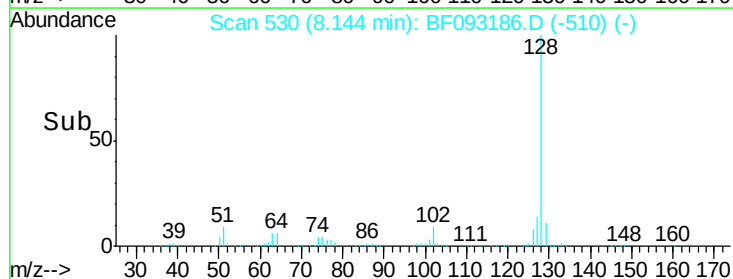
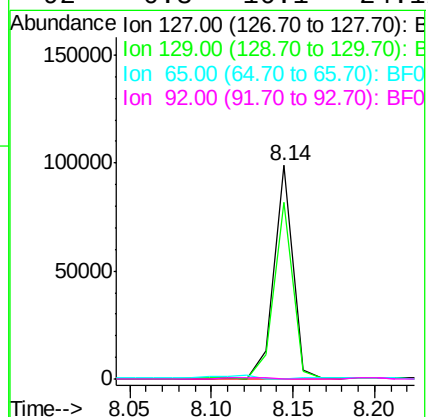
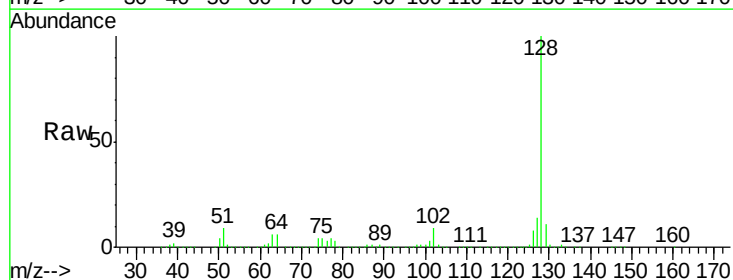
Ion Ratio Lower Upper

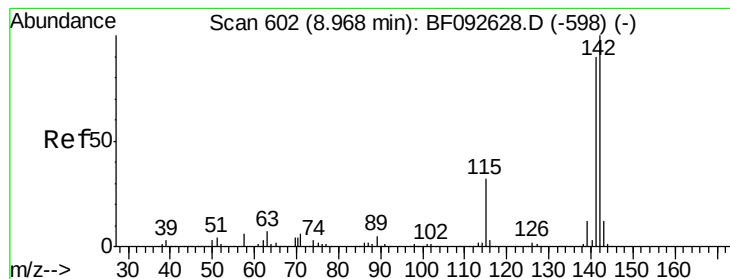
127 100

129 82.5 26.3 39.5#

65 0.0 25.8 38.8#

92 0.3 16.1 24.1#

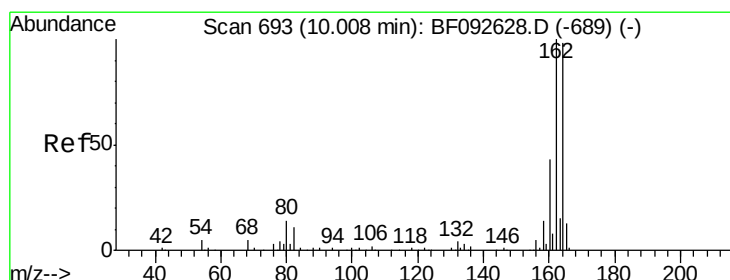
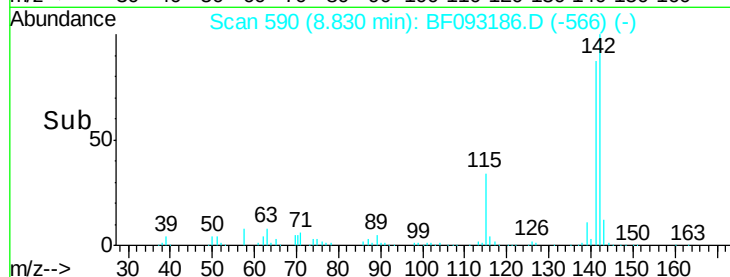
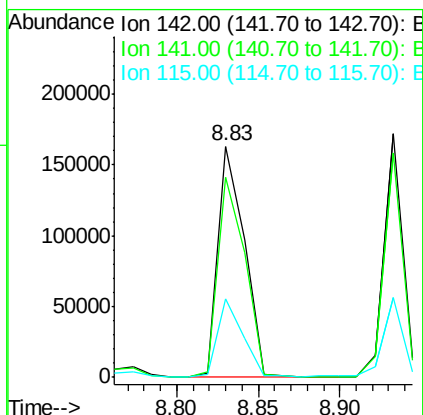
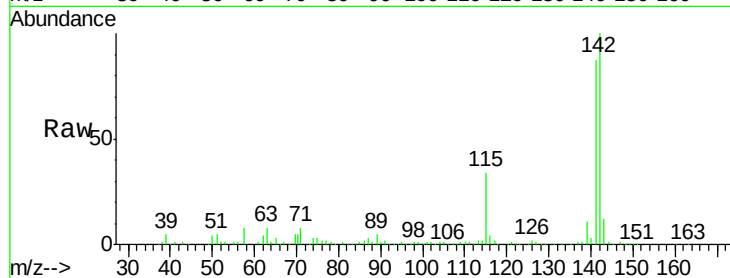




#37
 2-Methylnaphthalene
 Concen: 10.19 ng
 RT: 8.83 min Scan# 590
 Delta R.T. -0.02 min
 Lab File: BF093186.D
 Acq: 25 Feb 2017 12:08

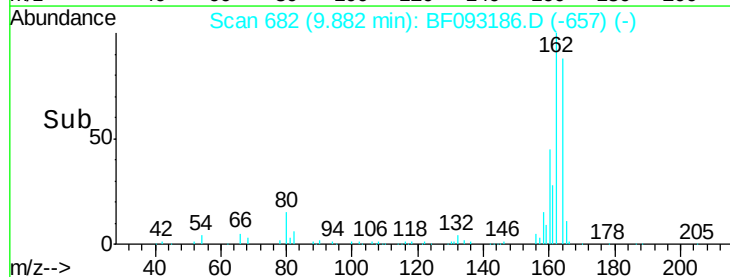
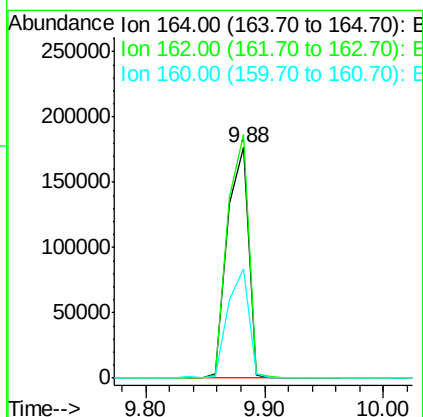
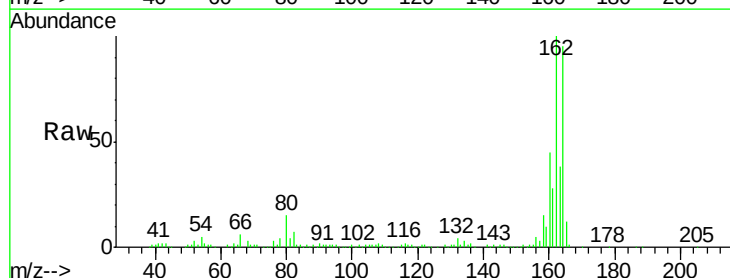
Instrument :
 BNA_F
 ClientSampleId :
 E2-B1-BASE-3

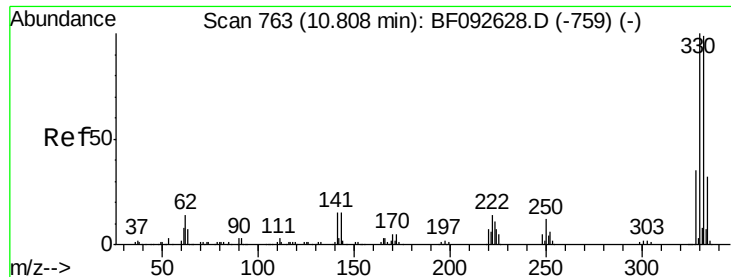
Tgt Ion:142 Resp: 184098
 Ion Ratio Lower Upper
 142 100
 141 86.5 71.0 106.6
 115 33.8 28.3 42.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BF093186.D
 Acq: 25 Feb 2017 12:08

Tgt Ion:164 Resp: 218192
 Ion Ratio Lower Upper
 164 100
 162 105.6 80.2 120.2
 160 47.6 36.9 55.3

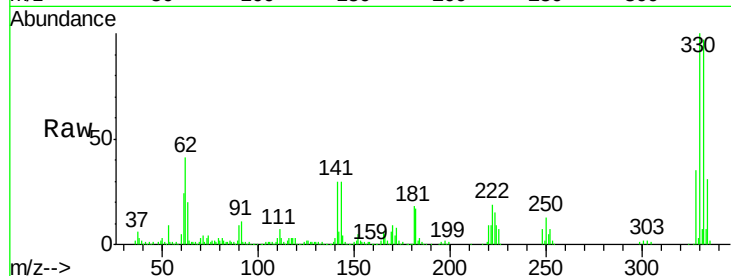




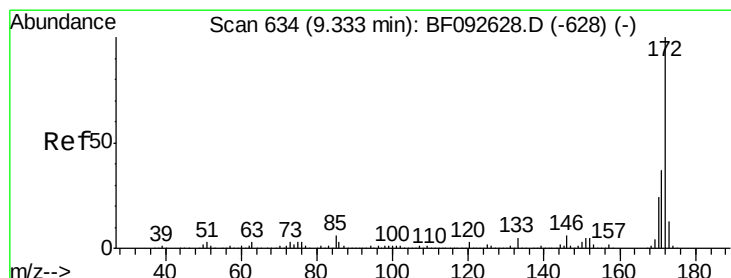
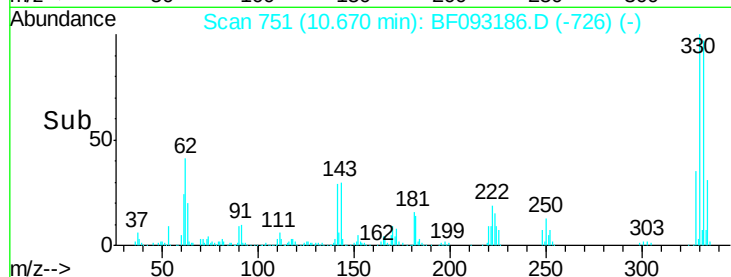
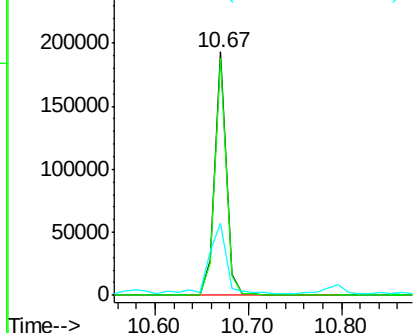
#41
 2,4,6-Tribromophenol
 Concen: 105.12 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF093186.D
 Acq: 25 Feb 2017 12:08

Instrument :
 BNA_F
 ClientSampleId :
 E2-B1-BASE-3

Tgt Ion:330 Resp: 165886
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.4 116.2
 141 45.4 34.1 51.1

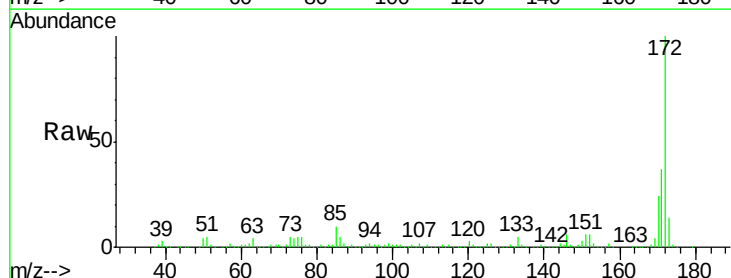


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

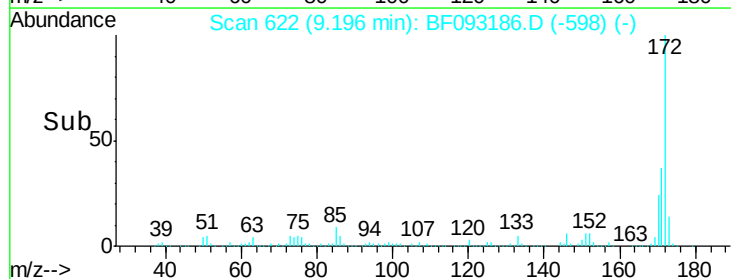
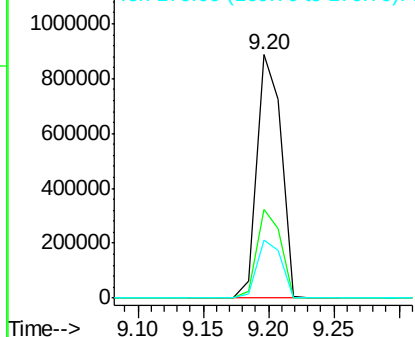


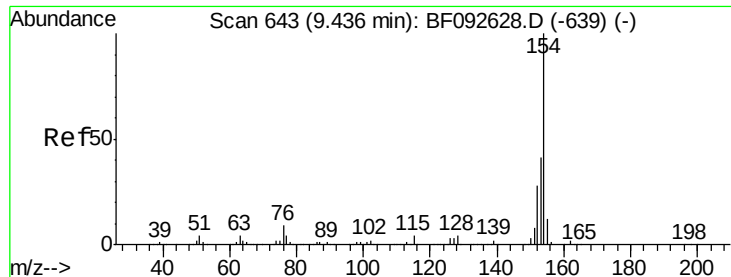
#44
 2-Fluorobiphenyl
 Concen: 96.13 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF093186.D
 Acq: 25 Feb 2017 12:08

Tgt Ion:172 Resp: 1157732
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.0
 170 23.9 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





#45

1,1'-Biphenyl

Concen: 3.17 ng

RT: 9.30 min Scan# 631

Delta R.T. -0.02 min

Lab File: BF093186.D

Acq: 25 Feb 2017 12:08

Instrument :

BNA_F

ClientSampleId :

E2-B1-BASE-3

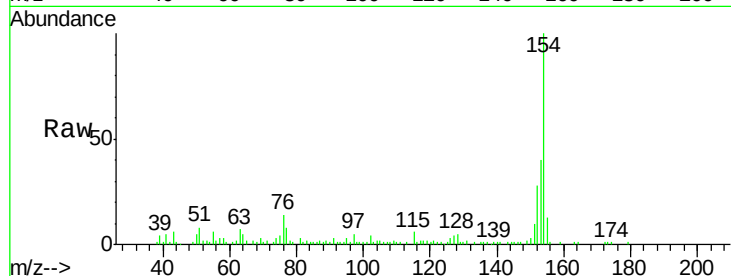
Tgt Ion:154 Resp: 50020

Ion Ratio Lower Upper

154 100

153 39.8 20.9 60.9

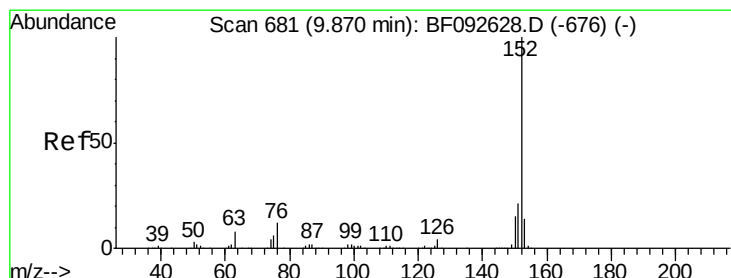
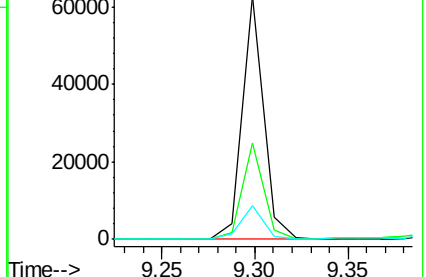
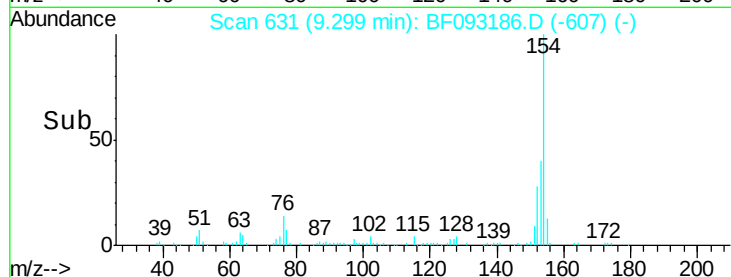
76 13.6 0.0 30.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BFO



#48

Acenaphthylene

Concen: 38.22 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF093186.D

Acq: 25 Feb 2017 12:08

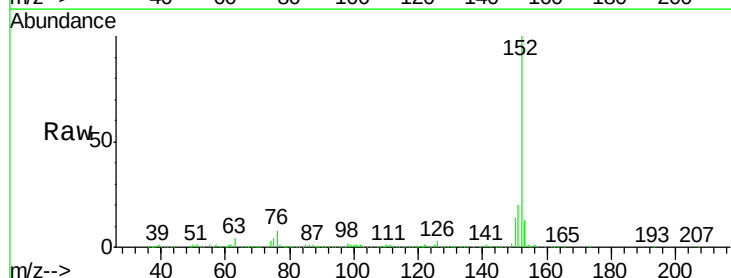
Tgt Ion:152 Resp: 815976

Ion Ratio Lower Upper

152 100

151 20.2 16.9 25.3

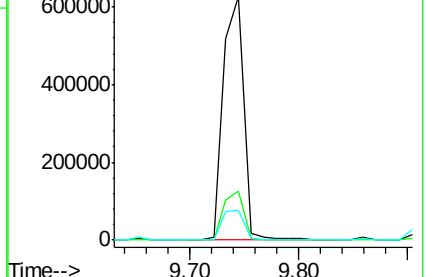
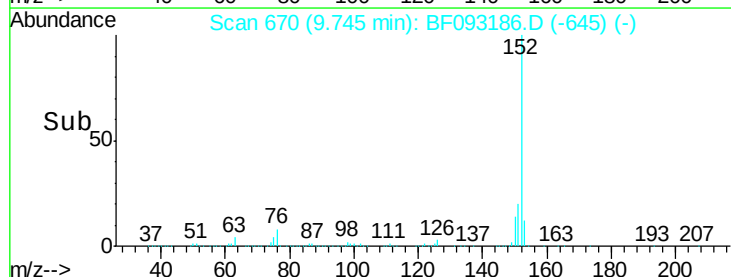
153 12.5 11.4 17.2

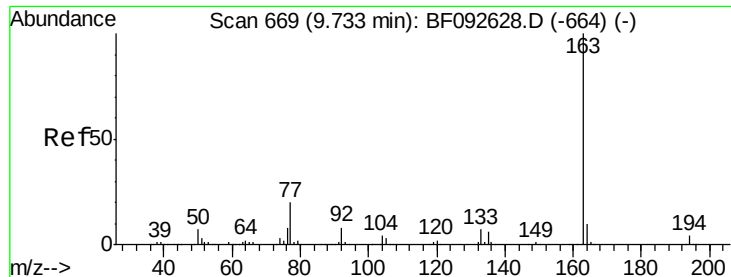


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

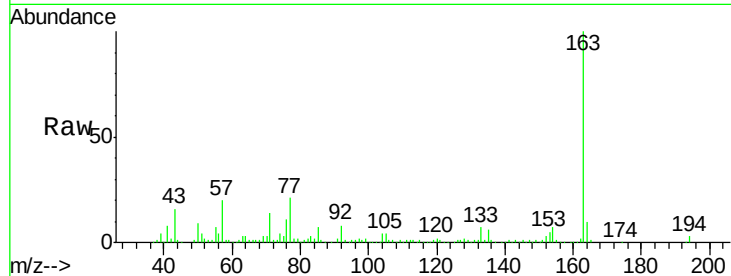




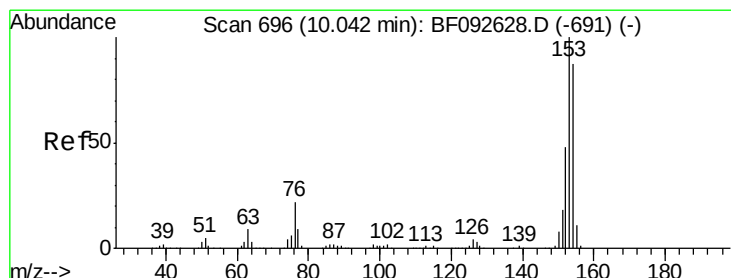
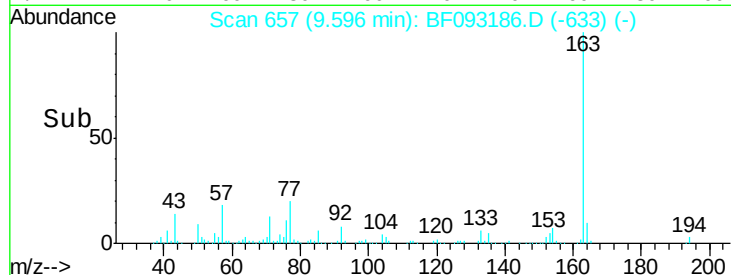
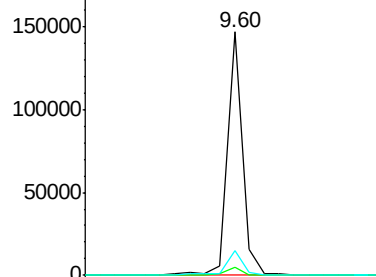
#49
Dimethylphthalate
Concen: 7.93 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.02 min
Lab File: BF093186.D
Acq: 25 Feb 2017 12:08

Instrument :
BNA_F
ClientSampleId :
E2-B1-BASE-3

Tgt Ion:163 Resp: 116493
Ion Ratio Lower Upper
163 100
194 3.2 3.0 4.4
164 10.0 8.0 12.0

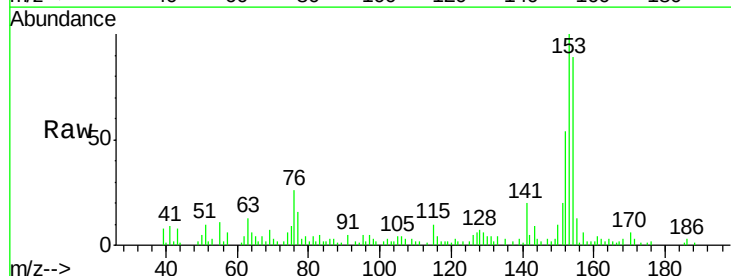


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

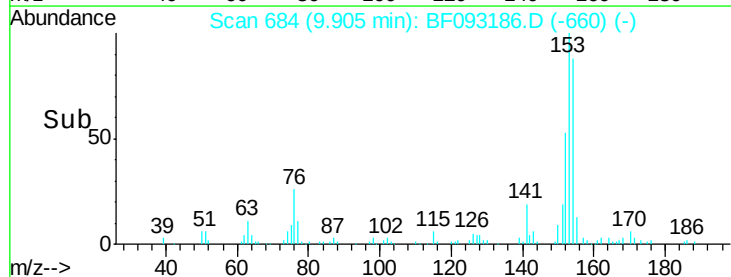
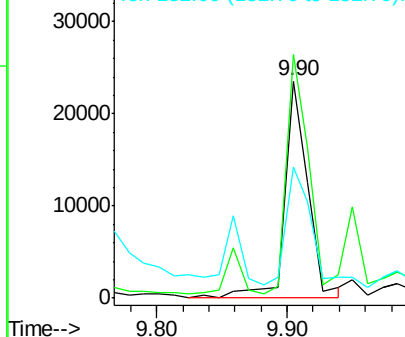


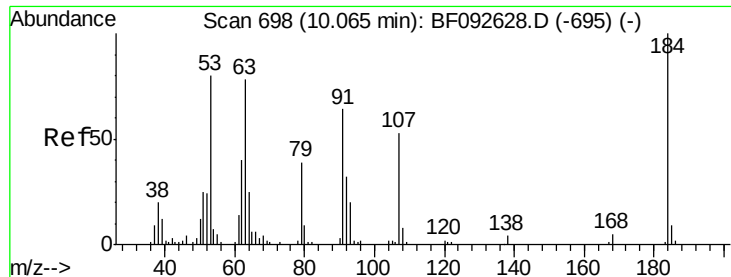
#51
Acenaphthene
Concen: 2.25 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.02 min
Lab File: BF093186.D
Acq: 25 Feb 2017 12:08

Tgt Ion:154 Resp: 28767
Ion Ratio Lower Upper
154 100
153 112.4 88.6 133.0
152 60.3 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

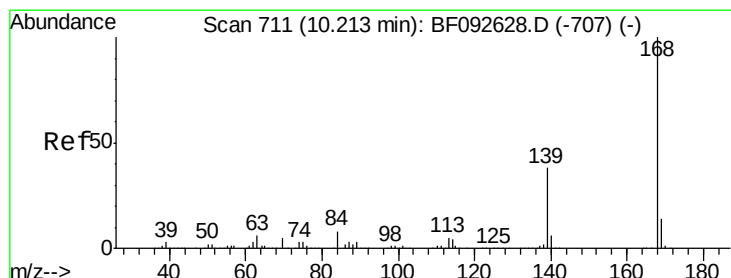
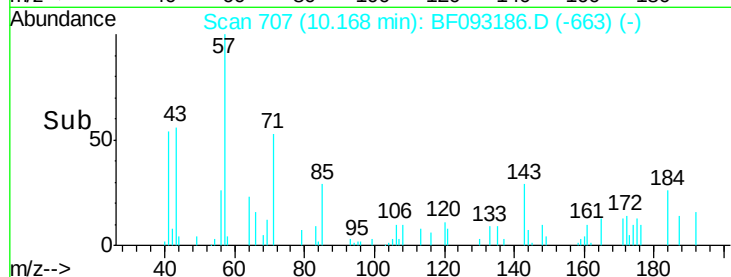
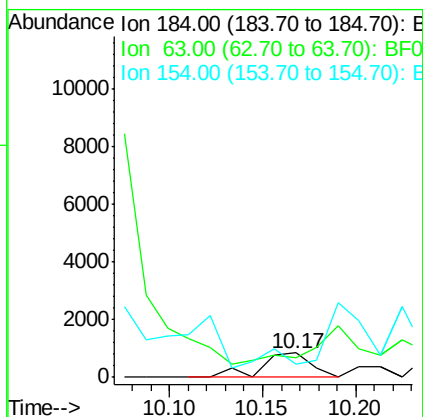
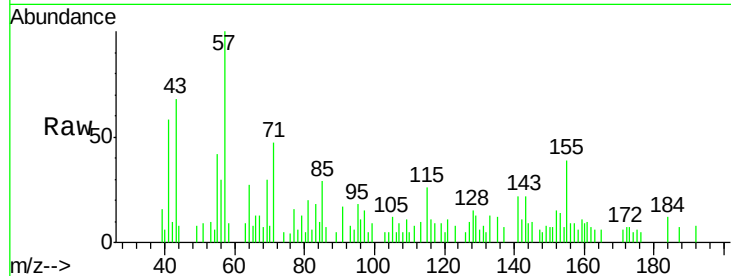




#53
2,4-Dinitrophenol
Concen: 5.62 ng
RT: 10.17 min Scan# 707
Delta R.T. 0.21 min
Lab File: BF093186.D
Acq: 25 Feb 2017 12:08

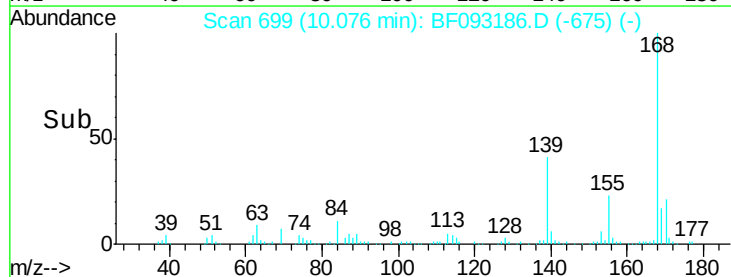
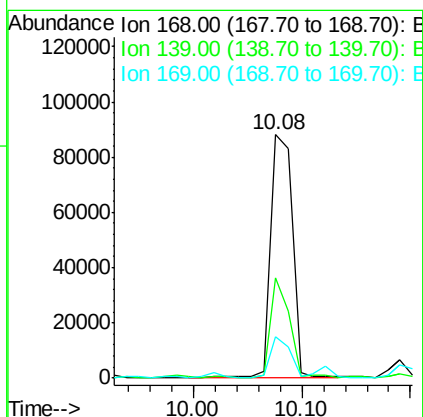
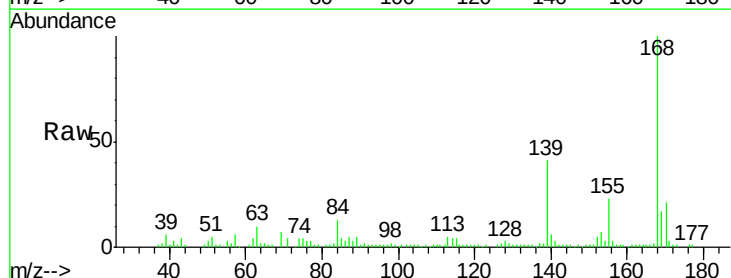
Instrument :
BNA_F
ClientSampleId :
E2-B1-BASE-3

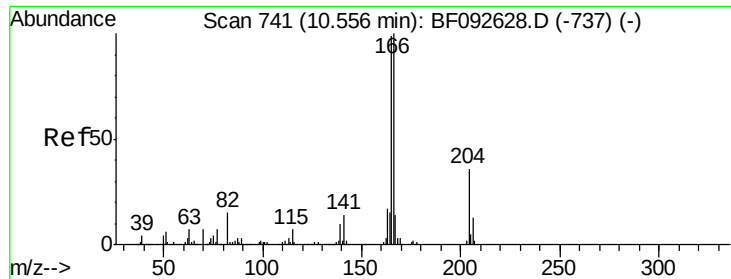
Tgt Ion:184 Resp: 1522
Ion Ratio Lower Upper
184 100
63 77.6 28.4 42.6#
154 56.4 44.3 66.5



#54
Dibenzofuran
Concen: 7.25 ng
RT: 10.08 min Scan# 699
Delta R.T. -0.02 min
Lab File: BF093186.D
Acq: 25 Feb 2017 12:08

Tgt Ion:168 Resp: 123796
Ion Ratio Lower Upper
168 100
139 41.0 32.6 49.0
169 17.0 11.3 16.9#

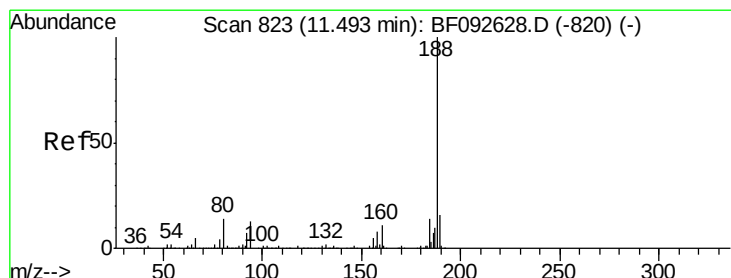
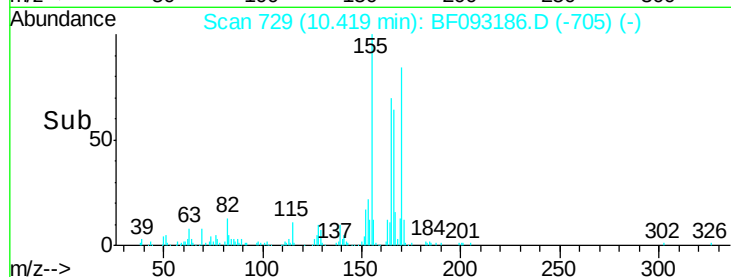
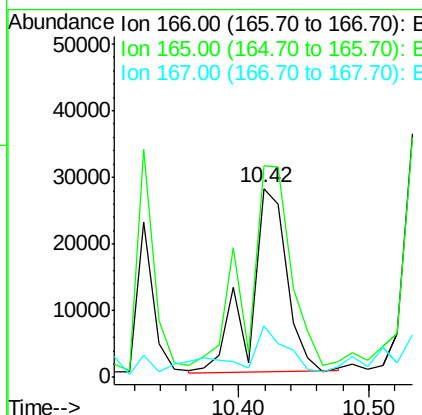
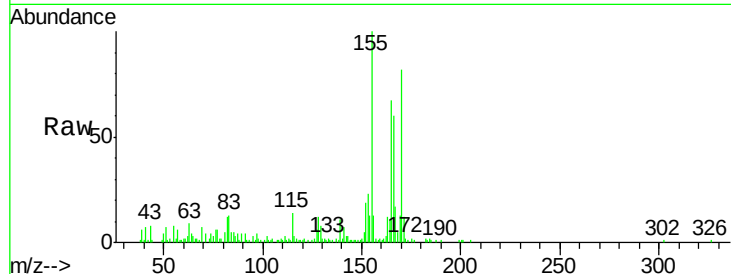




#57
Fluorene
 Concen: 4.21 ng
 RT: 10.42 min Scan# 729
 Delta R.T. -0.02 min
 Lab File: BF093186.D
 Acq: 25 Feb 2017 12:08

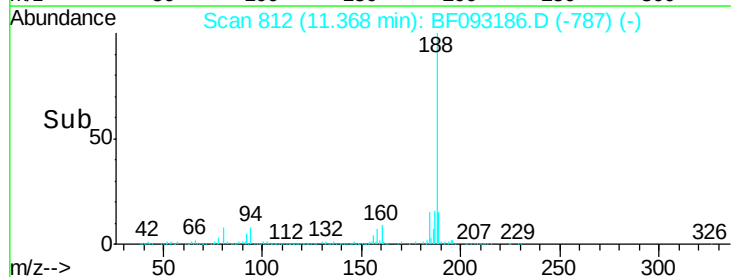
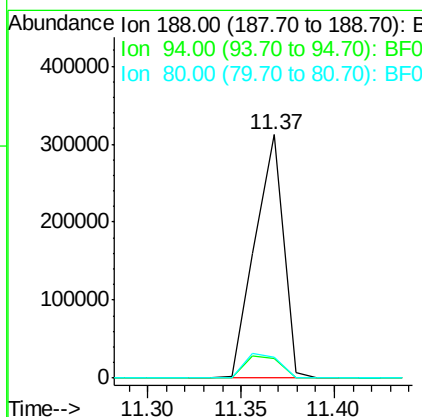
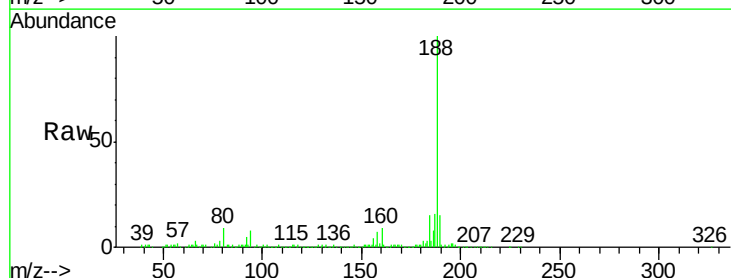
Instrument :
 BNA_F
 ClientSampleId :
 E2-B1-BASE-3

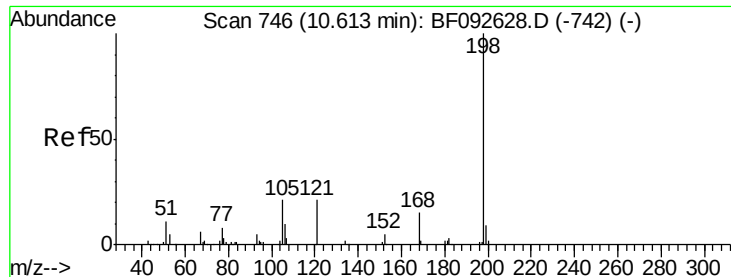
Tgt Ion:166 Resp: 55332
 Ion Ratio Lower Upper
 166 100
 165 111.9 77.8 116.8
 167 27.5 10.8 16.2#



#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF093186.D
 Acq: 25 Feb 2017 12:08

Tgt Ion:188 Resp: 331680
 Ion Ratio Lower Upper
 188 100
 94 8.3 10.0 15.0#
 80 8.6 11.2 16.8#





#64

4,6-Dinitro-2-methylphenol

Concen: 2.80 ng

RT: 10.61 min Scan# 746

Delta R.T. 0.11 min

Lab File: BF093186.D

Acq: 25 Feb 2017 12:08

Instrument :

BNA_F

ClientSampleId :

E2-B1-BASE-3

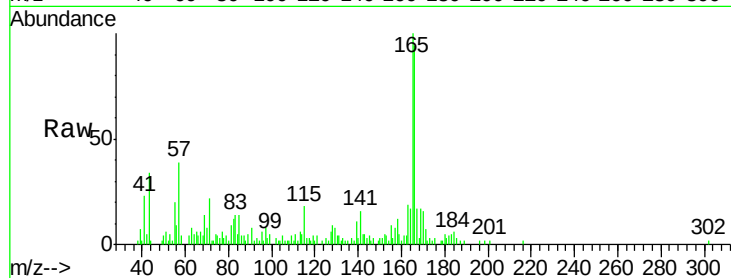
Tgt Ion:198 Resp: 278

Ion Ratio Lower Upper

198 100

51 285.7 6.7 46.7#

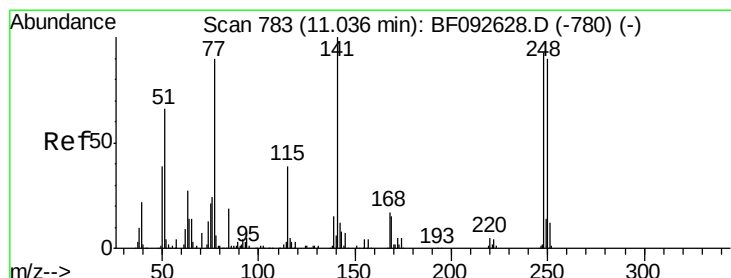
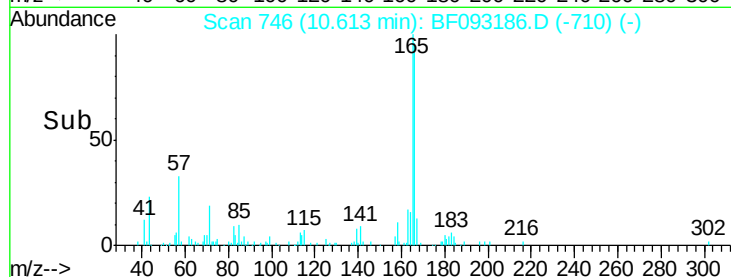
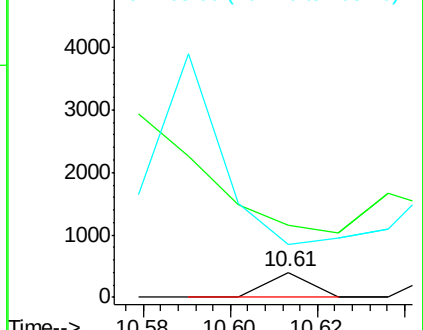
105 207.1 16.6 56.6#



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: 3.58 ng

RT: 10.67 min Scan# 751

Delta R.T. -0.25 min

Lab File: BF093186.D

Acq: 25 Feb 2017 12:08

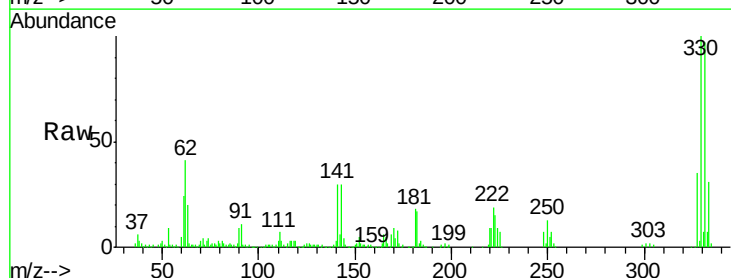
Tgt Ion:248 Resp: 12402

Ion Ratio Lower Upper

248 100

250 186.6 76.9 115.3#

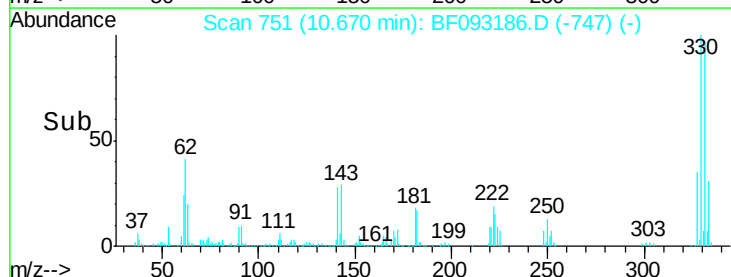
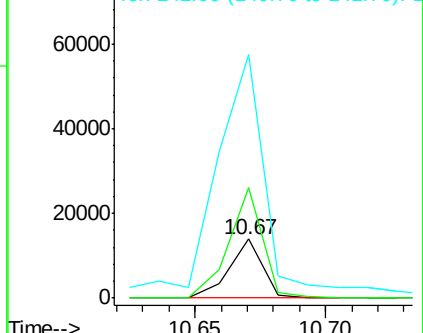
141 413.3 68.2 102.4#

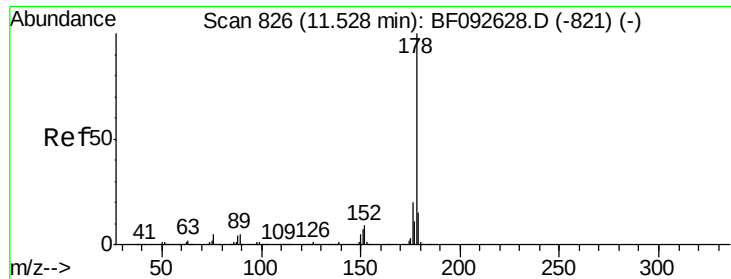


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

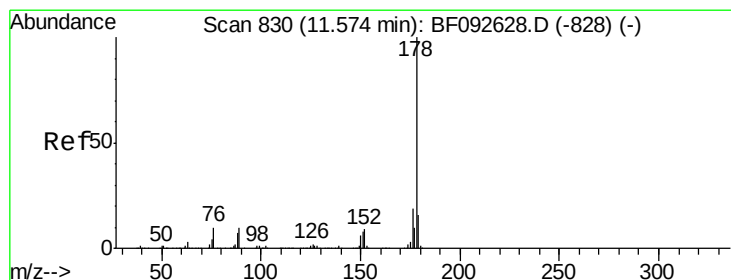
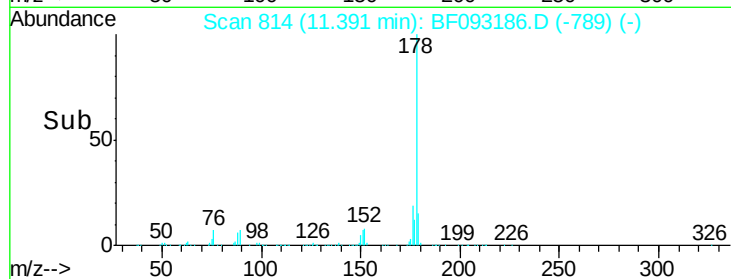
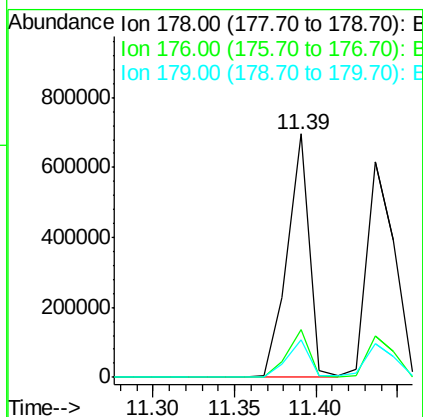
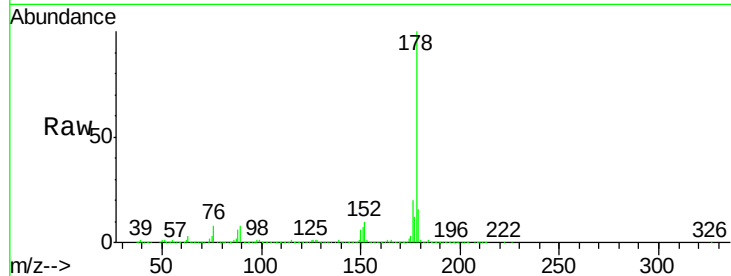




#70
Phenanthrene
Concen: 34.18 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF093186.D
Acq: 25 Feb 2017 12:08

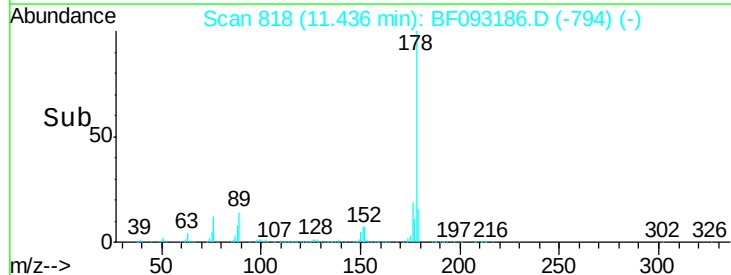
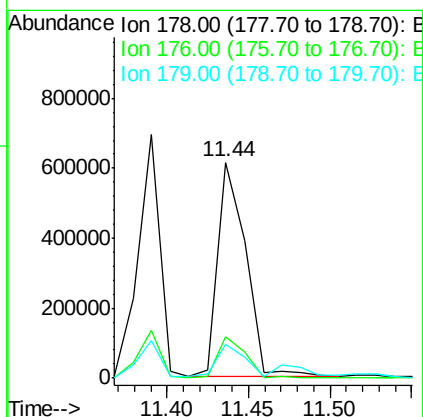
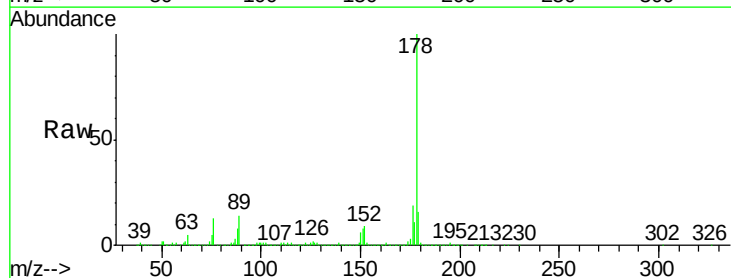
Instrument :
BNA_F
ClientSampleId :
E2-B1-BASE-3

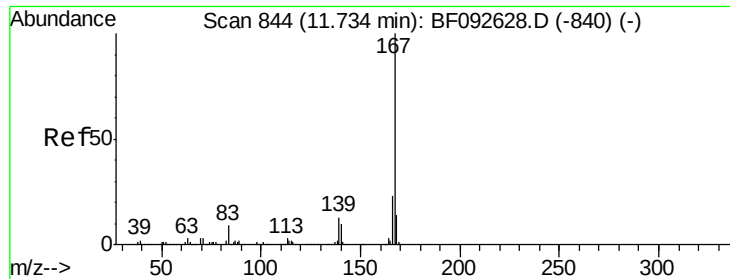
Tgt Ion:178 Resp: 649503
Ion Ratio Lower Upper
178 100
176 19.5 16.6 25.0
179 15.5 12.8 19.2



#71
Anthracene
Concen: 38.19 ng
RT: 11.44 min Scan# 818
Delta R.T. -0.02 min
Lab File: BF093186.D
Acq: 25 Feb 2017 12:08

Tgt Ion:178 Resp: 728867
Ion Ratio Lower Upper
178 100
176 19.2 15.9 23.9
179 15.8 13.2 19.8





#72

Carbazole

Concen: 14.72 ng

RT: 11.60 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF093186.D

Acq: 25 Feb 2017 12:08

Instrument :

BNA_F

ClientSampleId :

E2-B1-BASE-3

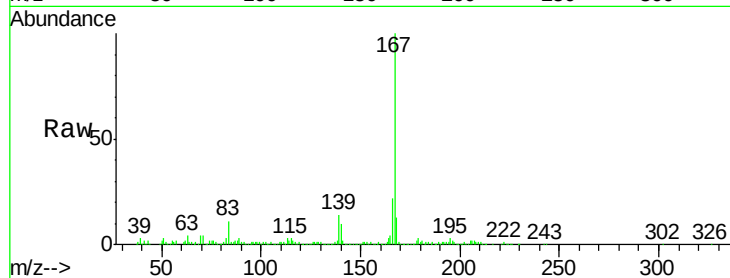
Tgt Ion:167 Resp: 268468

Ion Ratio Lower Upper

167 100

166 22.2 18.2 27.2

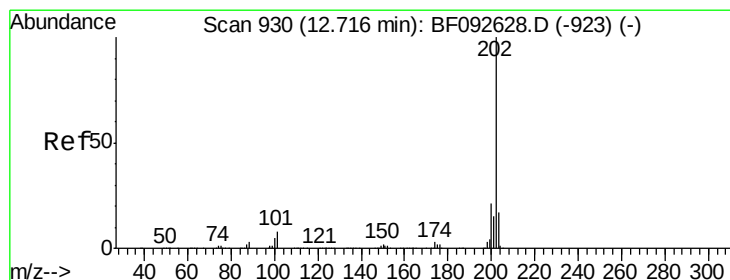
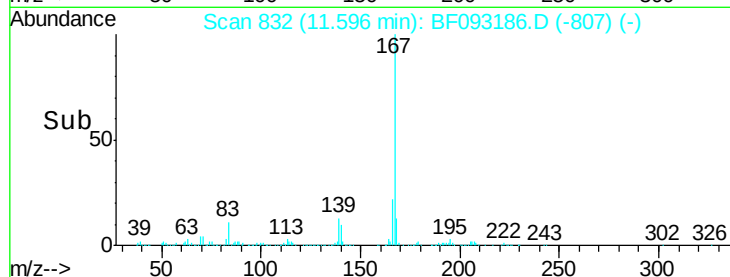
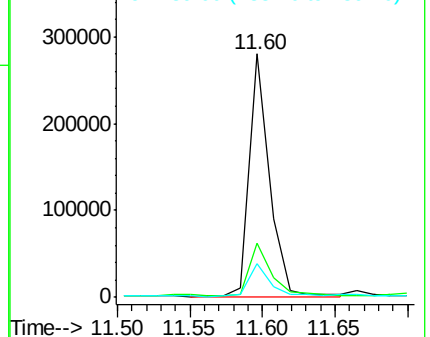
139 13.7 11.4 17.2



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: 202.81 ng

RT: 12.60 min Scan# 920

Delta R.T. 0.01 min

Lab File: BF093186.D

Acq: 25 Feb 2017 12:08

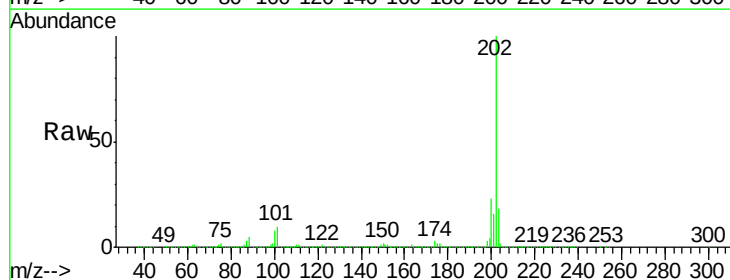
Tgt Ion:202 Resp: 3975265

Ion Ratio Lower Upper

202 100

101 10.3 0.0 34.6

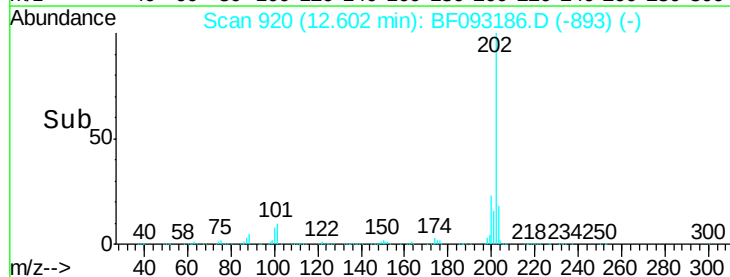
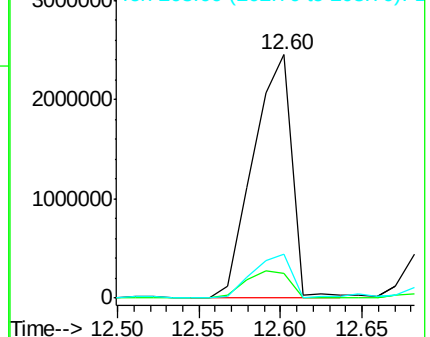
203 18.1 0.0 38.7

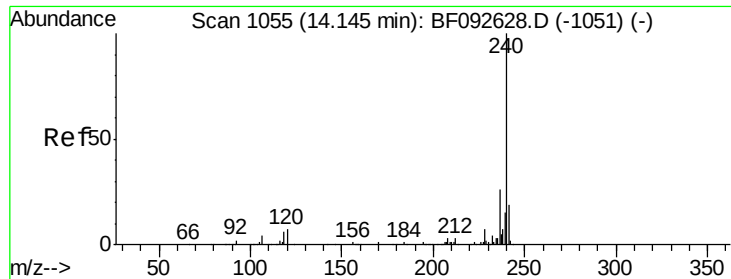


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 1045

Delta R.T. 0.01 min

Lab File: BF093186.D

Acq: 25 Feb 2017 12:08

Instrument :

BNA_F

ClientSampleId :

E2-B1-BASE-3

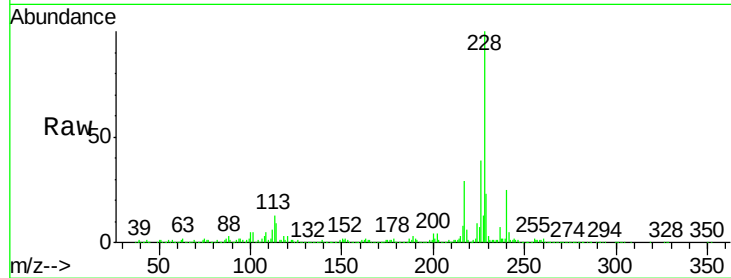
Tgt Ion:240 Resp: 244275

Ion Ratio Lower Upper

240 100

120 12.3 12.9 19.3#

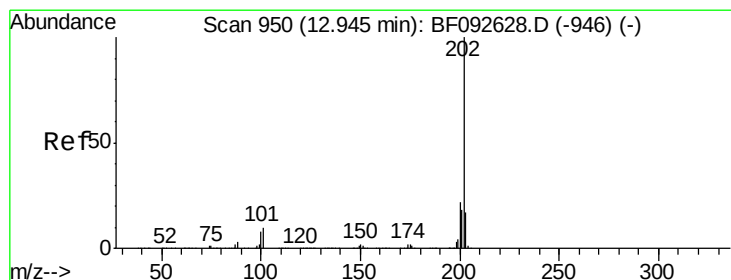
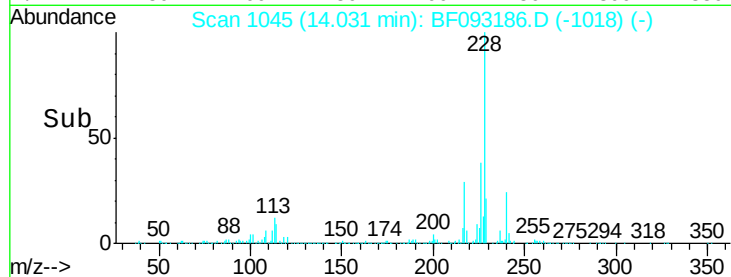
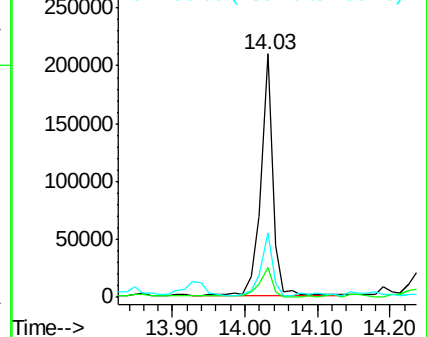
236 26.5 20.9 31.3



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: 185.61 ng

RT: 12.83 min Scan# 940

Delta R.T. 0.01 min

Lab File: BF093186.D

Acq: 25 Feb 2017 12:08

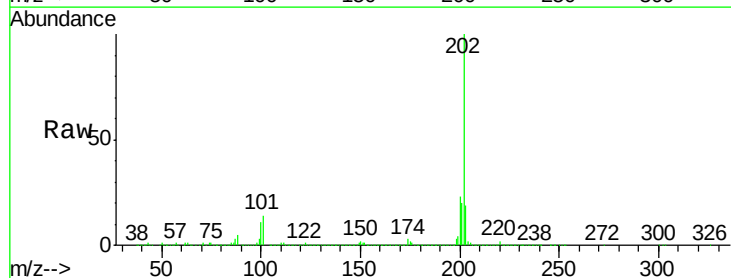
Tgt Ion:202 Resp: 3393017

Ion Ratio Lower Upper

202 100

200 22.7 17.7 26.5

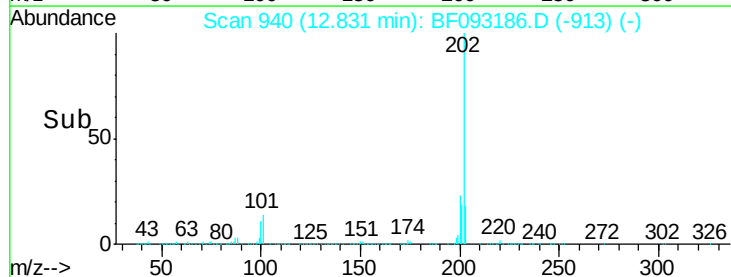
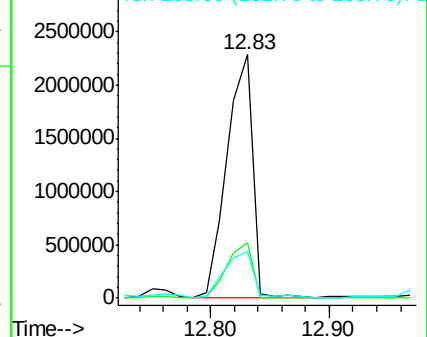
203 19.1 14.7 22.1

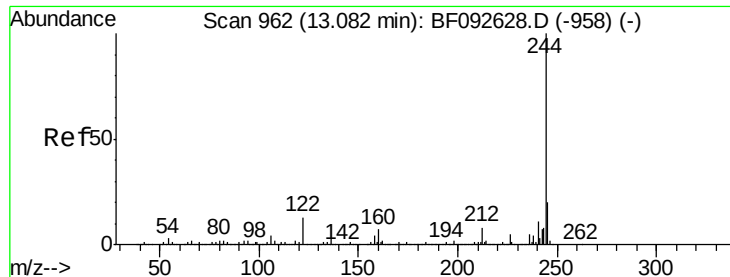


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 72.44 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF093186.D

Acq: 25 Feb 2017 12:08

Instrument :

BNA_F

ClientSampleId :

E2-B1-BASE-3

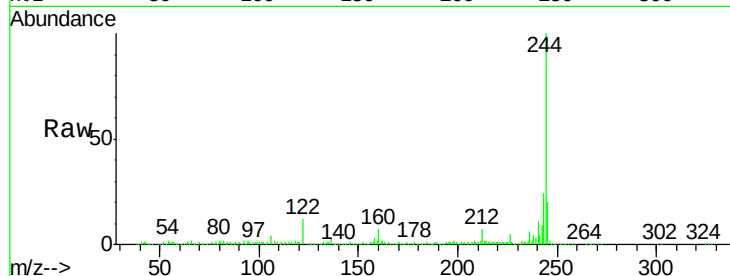
Tgt Ion:244 Resp: 753062

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

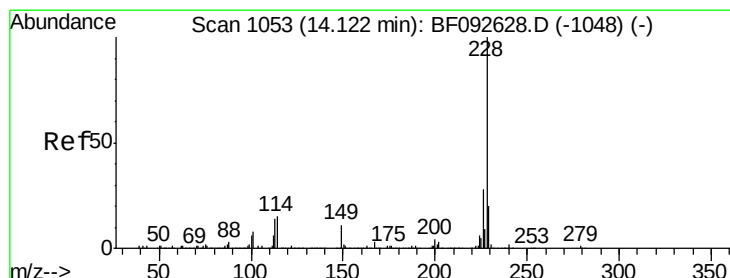
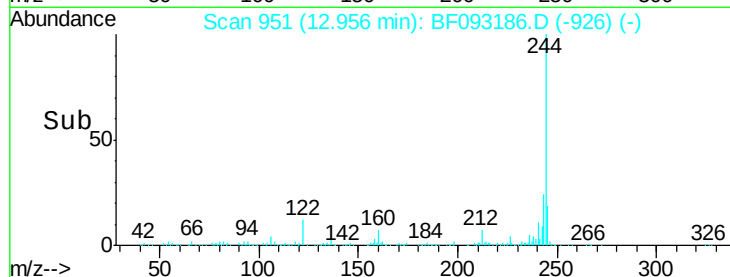
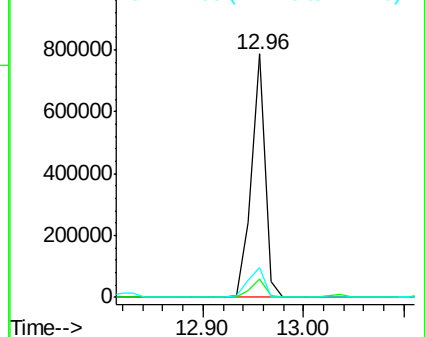
122 12.0 11.4 17.2



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: 150.55 ng

RT: 14.07 min Scan# 1048

Delta R.T. 0.06 min

Lab File: BF093186.D

Acq: 25 Feb 2017 12:08

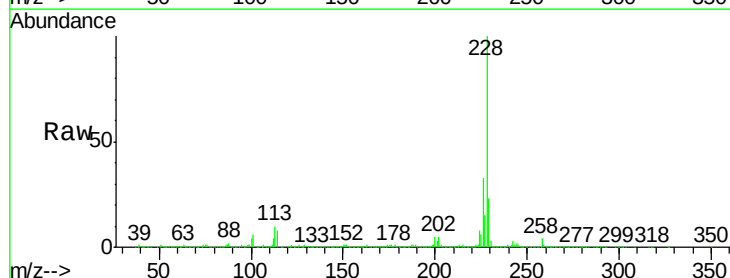
Tgt Ion:228 Resp: 2249241

Ion Ratio Lower Upper

228 100

226 32.9 22.4 33.6

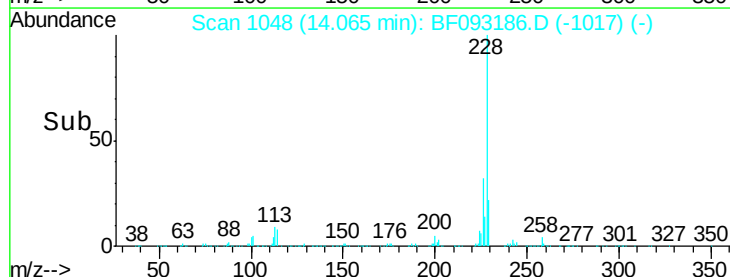
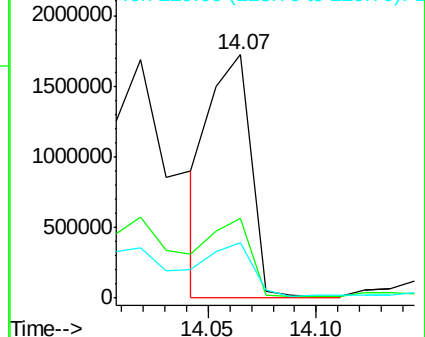
229 23.0 16.2 24.4

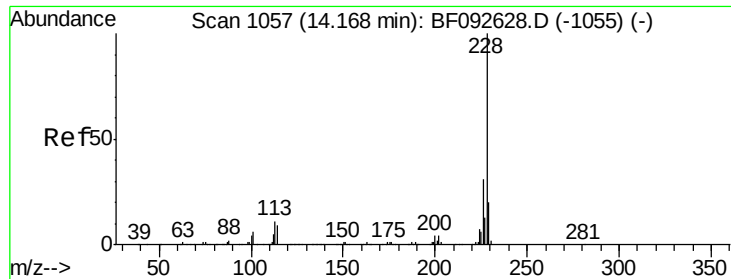


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

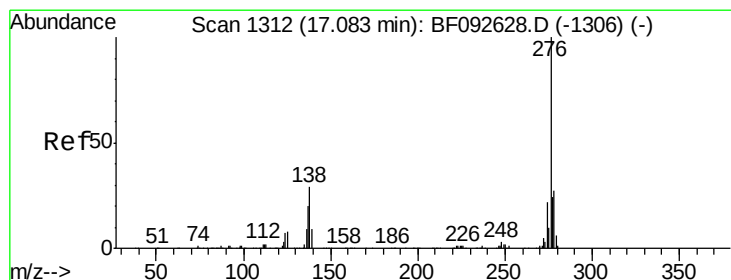
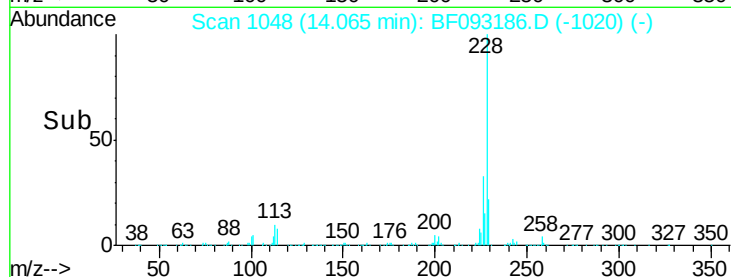
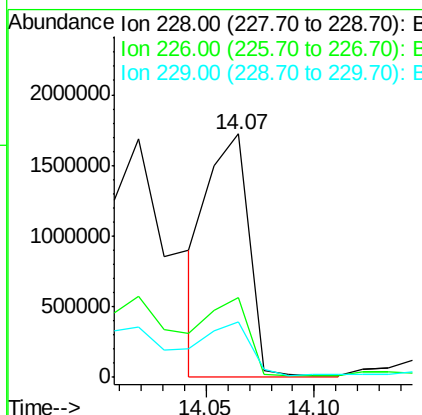
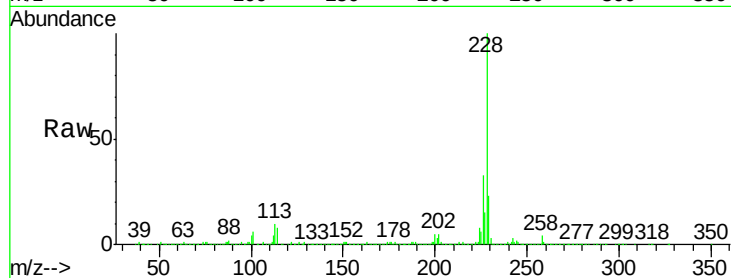




#82
Chrysene
Concen: 161.00 ng
RT: 14.07 min Scan# 1048
Delta R.T. 0.02 min
Lab File: BF093186.D
Acq: 25 Feb 2017 12:08

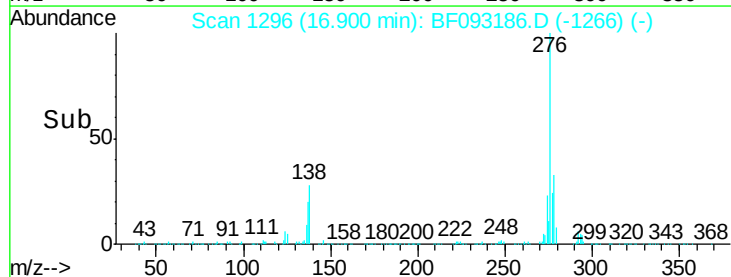
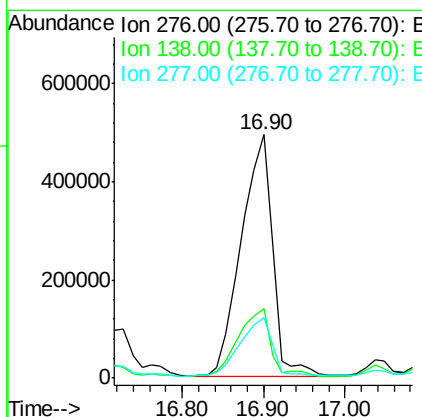
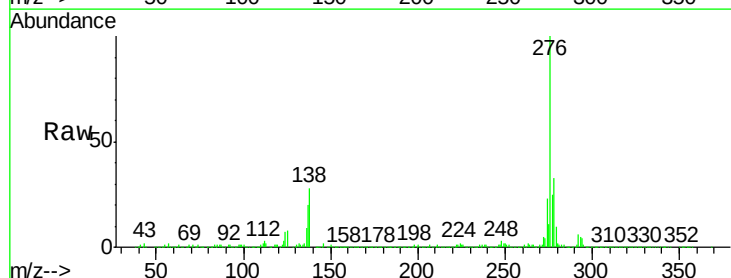
Instrument :
BNA_F
ClientSampleId :
E2-B1-BASE-3

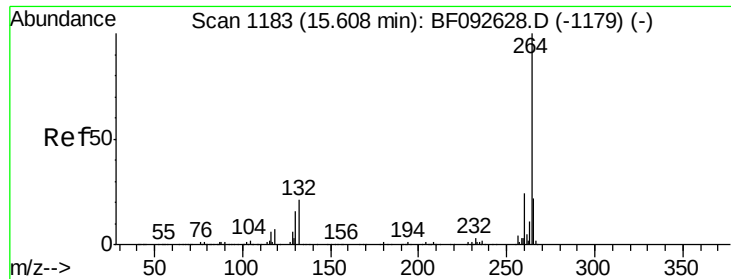
Tgt Ion:228 Resp: 2252126
Ion Ratio Lower Upper
228 100
226 32.9 25.4 38.0
229 23.0 16.2 24.2



#85
Indeno(1,2,3-cd)pyrene
Concen: 120.62 ng
RT: 16.90 min Scan# 1296
Delta R.T. 0.05 min
Lab File: BF093186.D
Acq: 25 Feb 2017 12:08

Tgt Ion:276 Resp: 1306864
Ion Ratio Lower Upper
276 100
138 29.5 21.8 32.6
277 24.4 20.2 30.4

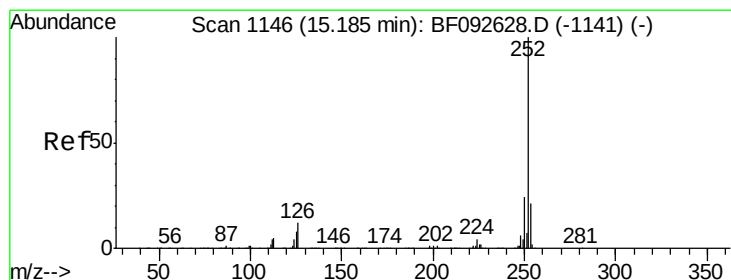
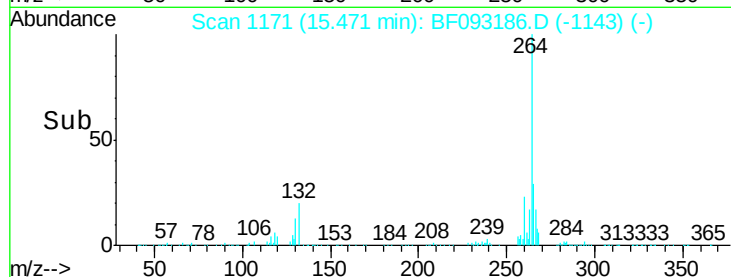
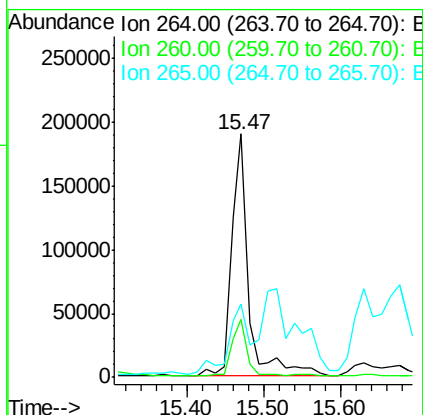
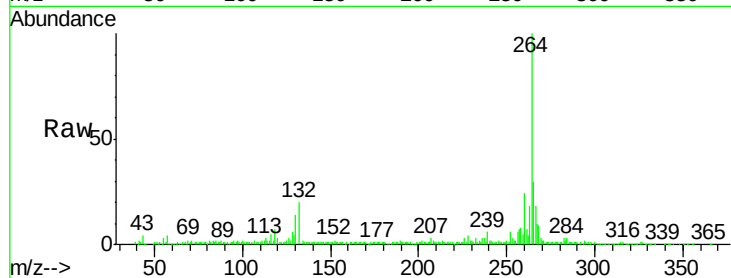




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.47 min Scan# 1171
Delta R.T. 0.02 min
Lab File: BF093186.D
Acq: 25 Feb 2017 12:08

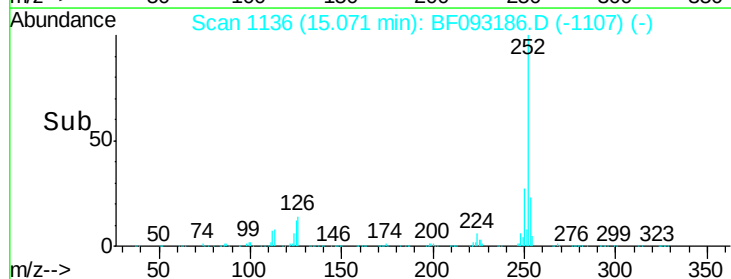
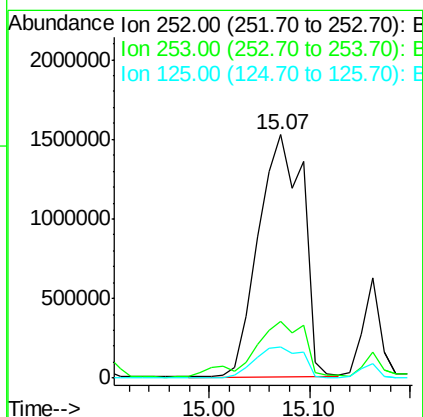
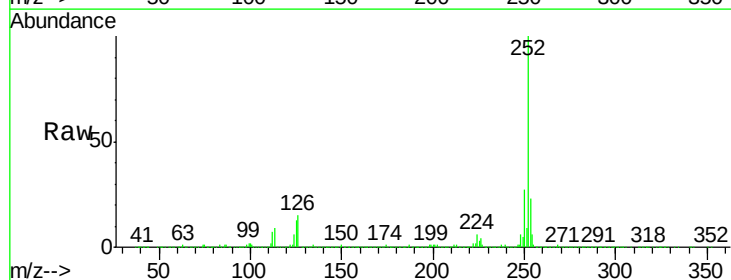
Instrument :
BNA_F
ClientSampleId :
E2-B1-BASE-3

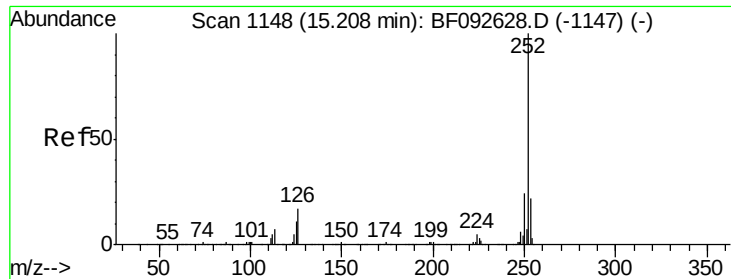
Tgt Ion: 264 Resp: 294541
Ion Ratio Lower Upper
264 100
260 23.9 19.2 28.8
265 30.2 17.4 26.0#



#87
Benzo(b)fluoranthene
Concen: 241.40 ng
RT: 15.07 min Scan# 1136
Delta R.T. 0.03 min
Lab File: BF093186.D
Acq: 25 Feb 2017 12:08

Tgt Ion: 252 Resp: 4680015
Ion Ratio Lower Upper
252 100
253 23.4 18.2 27.4
125 12.7 9.8 14.6

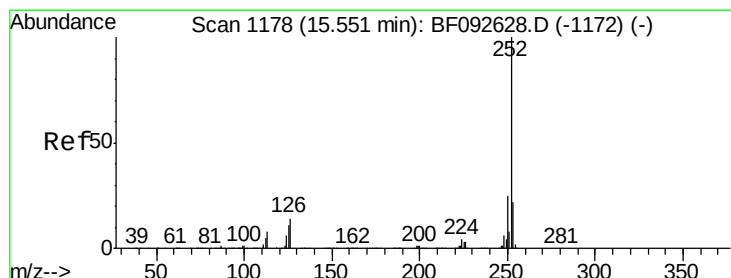
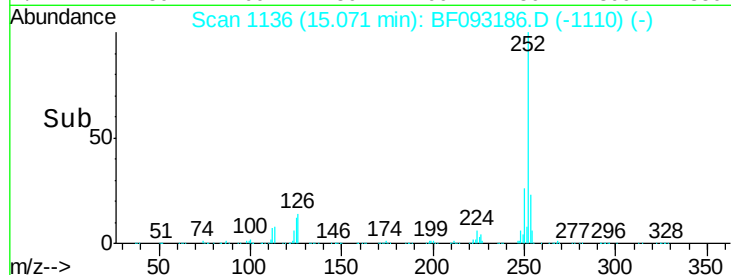
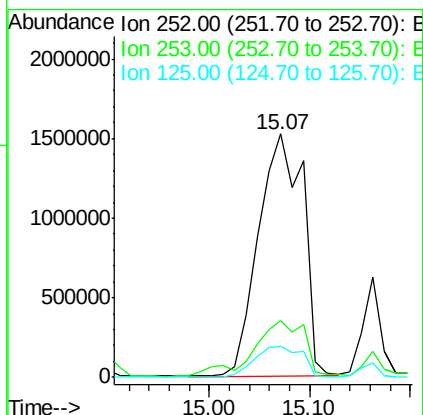
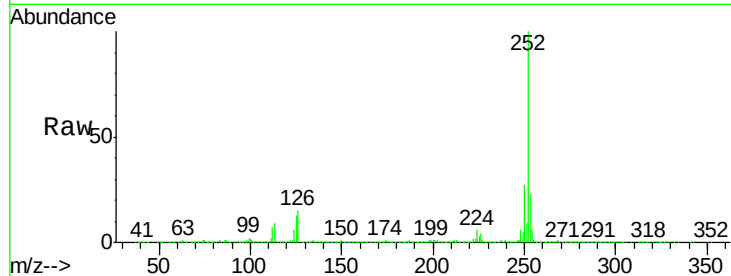




#88
Benzo(k)fluoranthene
Concen: 279.59 ng
RT: 15.07 min Scan# 1136
Delta R.T. -0.00 min
Lab File: BF093186.D
Acq: 25 Feb 2017 12:08

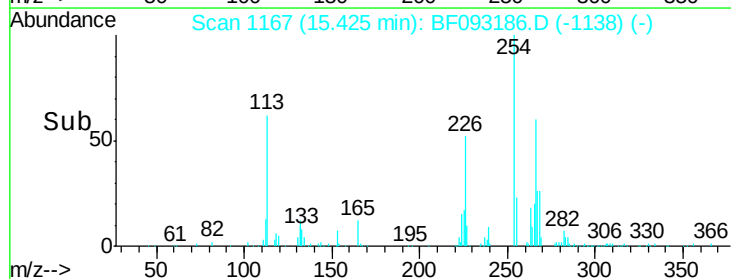
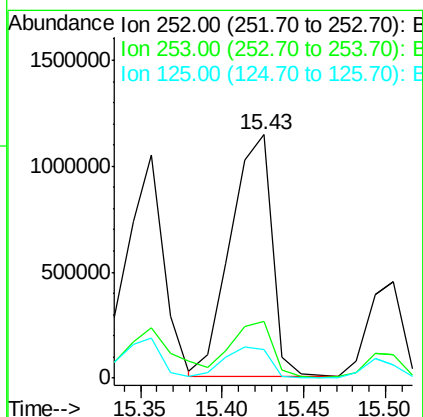
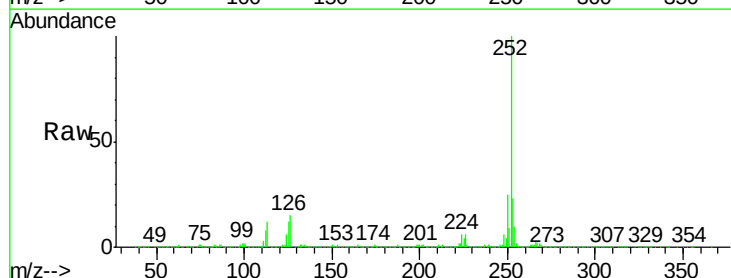
Instrument :
BNA_F
ClientSampleId :
E2-B1-BASE-3

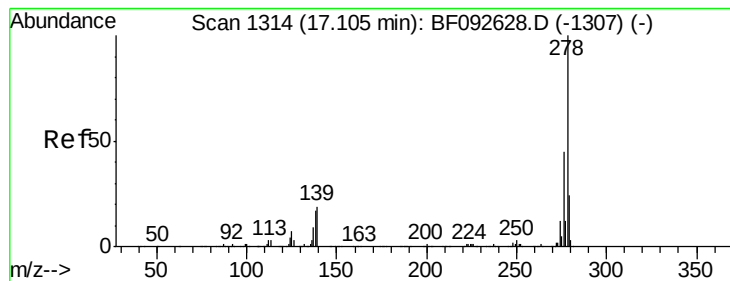
Tgt Ion:252 Resp: 4680015
Ion Ratio Lower Upper
252 100
253 23.4 18.5 27.7
125 12.7 8.9 13.3



#89
Benzo(a)pyrene
Concen: 118.77 ng
RT: 15.43 min Scan# 1167
Delta R.T. 0.03 min
Lab File: BF093186.D
Acq: 25 Feb 2017 12:08

Tgt Ion:252 Resp: 1991655
Ion Ratio Lower Upper
252 100
253 23.5 18.2 27.2
125 12.0 10.0 15.0





#90

Dibenzo(a,h)anthracene

Concen: 20.24 ng

RT: 17.04 min Scan# 1308

Delta R.T. 0.17 min

Lab File: BF093186.D

Acq: 25 Feb 2017 12:08

Instrument :

BNA_F

ClientSampleId :

E2-B1-BASE-3

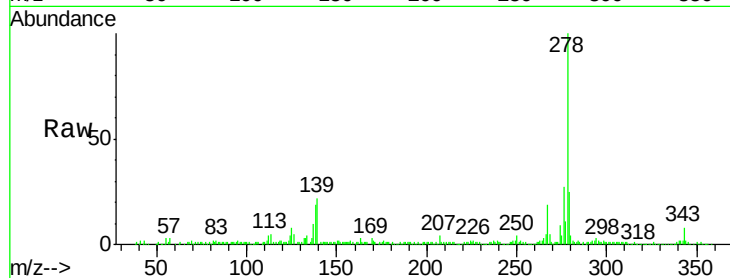
Tgt Ion:278 Resp: 274357

Ion Ratio Lower Upper

278 100

139 21.8 14.8 22.2

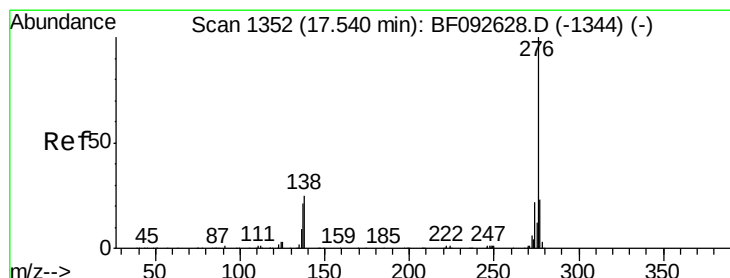
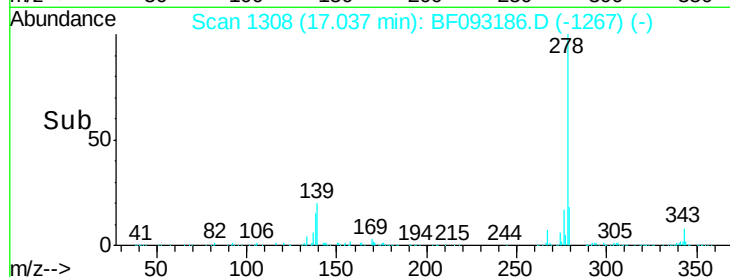
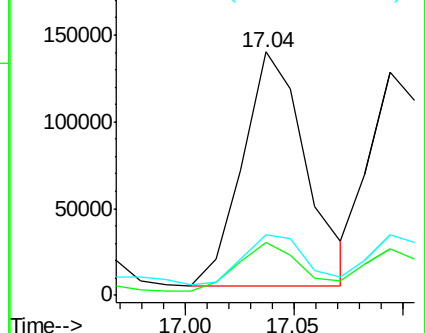
279 25.1 19.8 29.6



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: 79.23 ng

RT: 17.32 min Scan# 1333

Delta R.T. 0.03 min

Lab File: BF093186.D

Acq: 25 Feb 2017 12:08

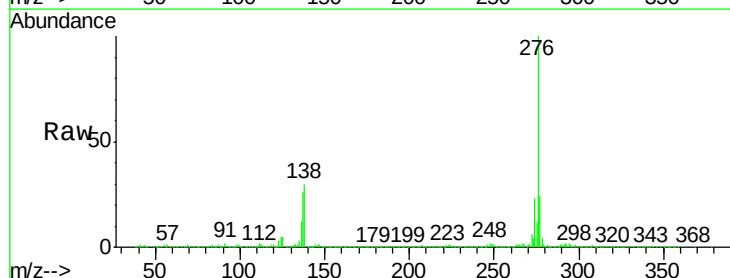
Tgt Ion:276 Resp: 1084849

Ion Ratio Lower Upper

276 100

277 24.5 19.2 28.8

138 29.8 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

