

Data File : BF093182.D
Acq On : 25 Feb 2017 10:16
Operator : SJ/MA
Sample : I1972-06
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2B21-BASE-3

Quant Time: Feb 26 23:39:54 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	154570	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	591023	20.00	ng	-0.02
38) Acenaphthene-d10	9.87	164	231015	20.00	ng	-0.02
63) Phenanthrene-d10	11.37	188	351135	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	265666	20.00	ng	0.00
86) Perylene-d12	15.45	264	280662	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1338492	148.56	ng	-0.01
7) Phenol-d6	6.48	99	1628122	140.45	ng	-0.01
23) Nitrobenzene-d5	7.40	82	954289	89.91	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	213247	127.63	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	1348820	105.78	ng	-0.02
78) Terphenyl-d14	12.96	244	873289	77.24	ng	-0.01

Target Compounds					Qvalue	
10) Phenol	6.49	94	70571	5.20	ng	87
19) n-Nitroso-di-n-propylamine	7.40	70	125119	16.96	ng	# 82
25) Isophorone	7.40	82	775949	39.23	ng	# 65
31) Naphthalene	8.14	128	213050	7.11	ng	97
32) Benzoic acid	7.92	122	4801	7.96	ng	# 14
33) 4-Chloroaniline	8.14	127	26989	2.30	ng	# 37
37) 2-Methylnaphthalene	8.83	142	82360	4.28	ng	97
45) 1,1'-Biphenyl	9.30	154	35592	2.13	ng	97
48) Acenaphthylene	9.73	152	111088	4.91	ng	96
49) Dimethylphthalate	9.60	163	177937	11.44	ng	100
51) Acenaphthene	9.90	154	264919	19.60	ng	96
54) Dibenzofuran	10.08	168	200568	11.09	ng	# 96
56) 2,4-Dinitrotoluene	10.03	165	9553	2.14	ng	# 51
57) Fluorene	10.42	166	297661	21.40	ng	98
64) 4,6-Dinitro-2-methylphenol	10.67	198	669	2.96	ng	# 1
66) 4-Bromophenyl-phenylether	10.67	248	16377	4.46	ng	# 1
70) Phenanthrene	11.40	178	2913666	144.83	ng	99
71) Anthracene	11.45	178	803980	39.80	ng	97
72) Carbazole	11.60	167	285610	14.79	ng	99
74) Fluoranthene	12.59	202	2486748	119.84	ng	98
77) Pyrene	12.82	202	2478775	124.68	ng	99
80) Benzo(a)anthracene	14.01	228	1545690	95.13	ng	98
82) Chrysene	14.01	228	1545690	101.60	ng	97
85) Indeno(1,2,3-cd)pyrene	16.87	276	587605	49.87	ng	98
87) Benzo(b)fluoranthene	15.05	252	2021727	109.44	ng	99
88) Benzo(k)fluoranthene	15.05	252	2021727	126.75	ng	# 98
89) Benzo(a)pyrene	15.39	252	1164348	72.87	ng	# 96
90) Dibenzo(a,h)anthracene	16.87	278	163446	12.66	ng	# 79
91) Benzo(g,h,i)perylene	17.29	276	558705	42.82	ng	# 91

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

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ClientSampleId :

E2B21-BASE-3

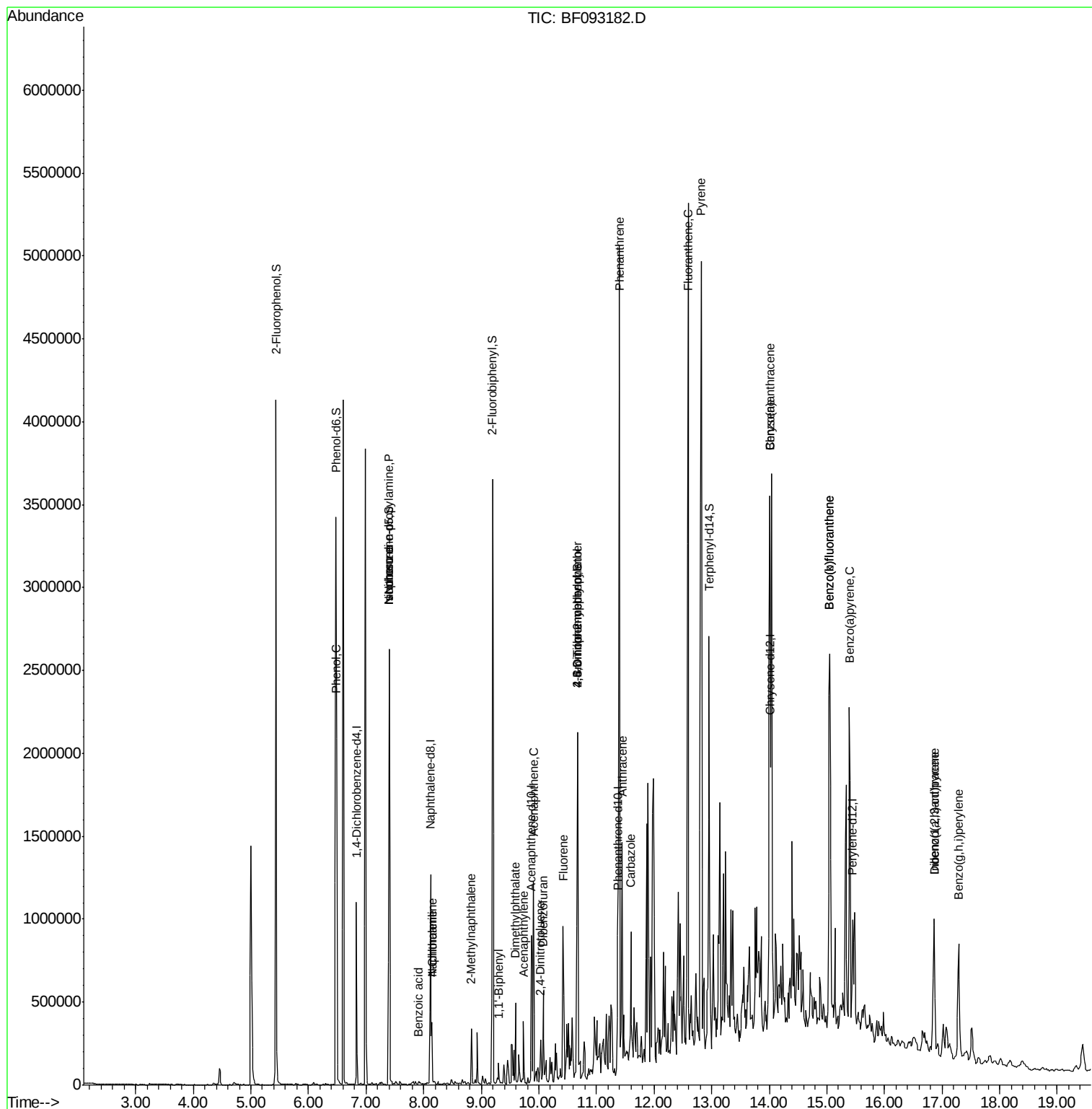
Quant Time: Feb 26 23:39:54 2017

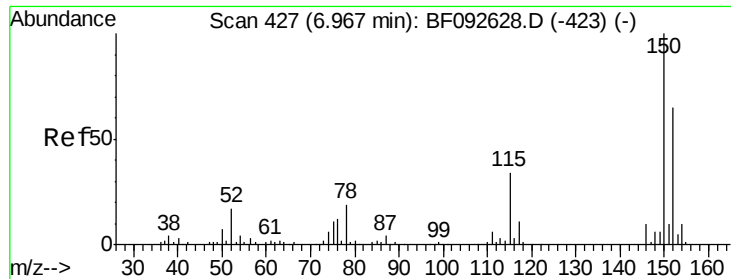
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M

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QLast Update : Fri Feb 17 17:31:55 2017

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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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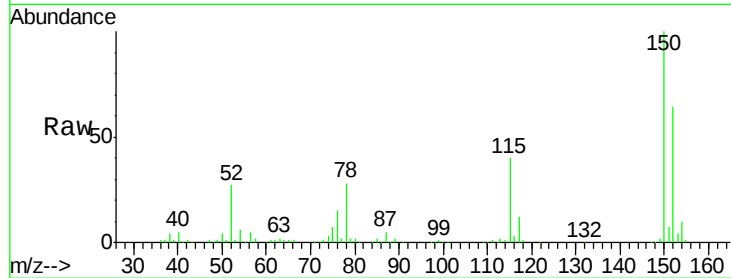
Tgt Ion:152 Resp: 154570

Ion Ratio Lower Upper

152 100

150 156.9 124.9 187.3

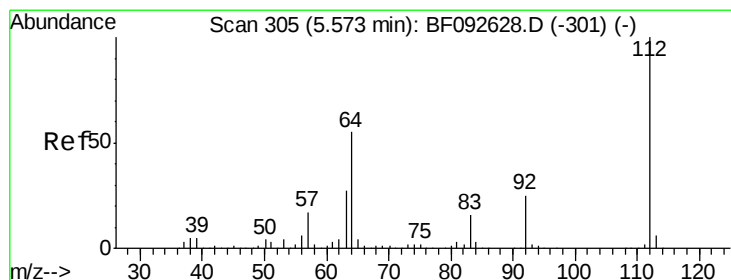
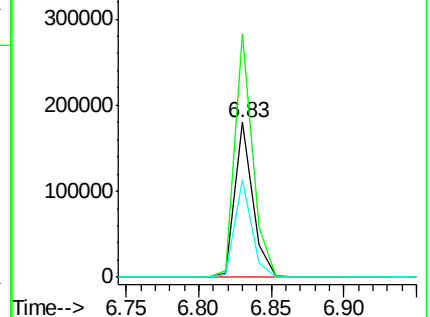
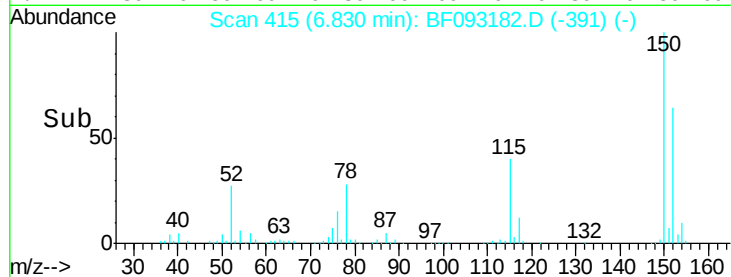
115 63.2 46.0 69.0



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: 148.56 ng

RT: 5.44 min Scan# 293

Delta R.T. -0.01 min

Lab File: BF093182.D

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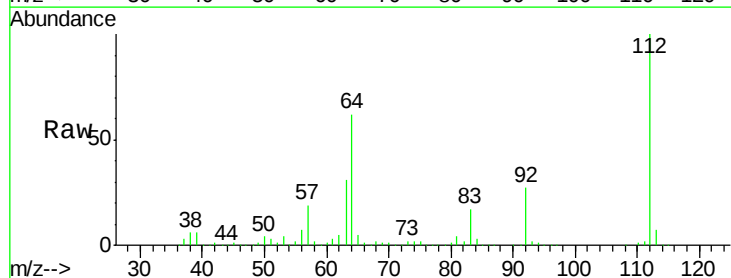
Tgt Ion:112 Resp: 1338492

Ion Ratio Lower Upper

112 100

64 61.6 46.1 69.1

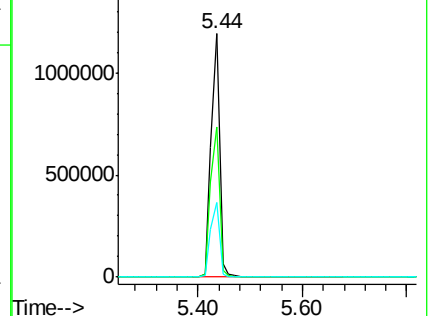
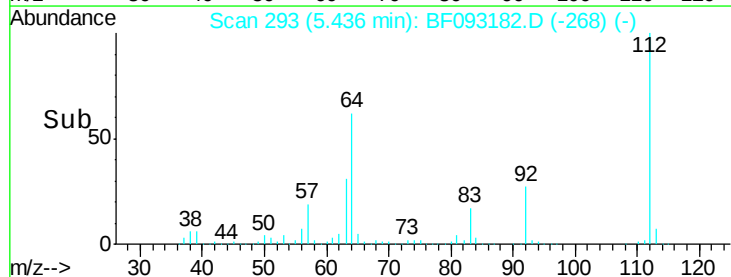
63 30.6 23.8 35.6

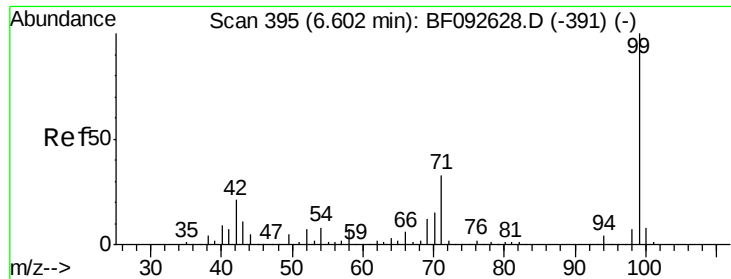


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 140.45 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

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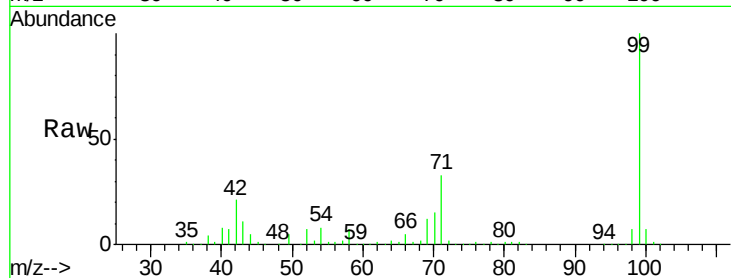
Tgt Ion: 99 Resp: 1628122

Ion Ratio Lower Upper

99 100

42 20.6 15.6 23.4

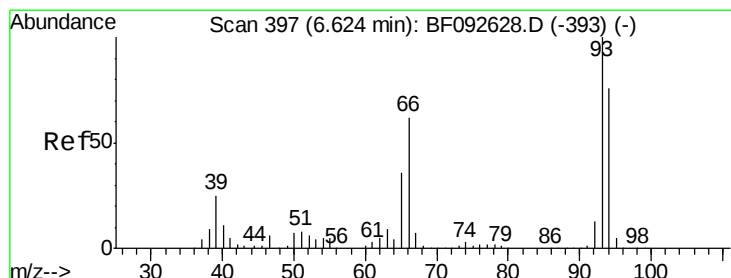
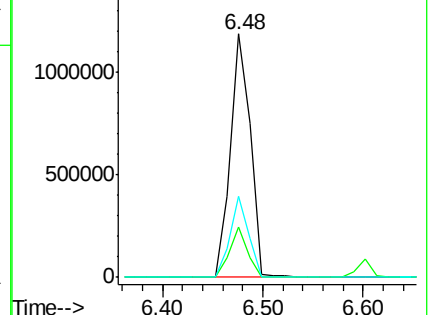
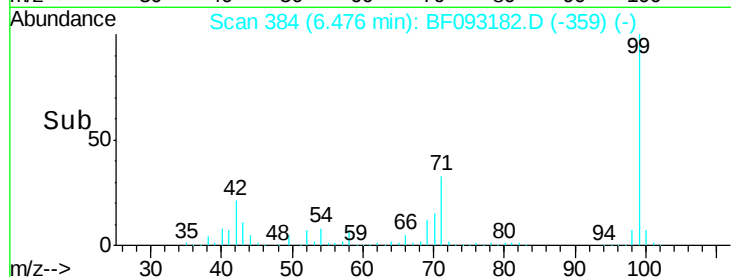
71 33.3 27.5 41.3



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: 5.20 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF093182.D

Acq: 25 Feb 2017 10:16

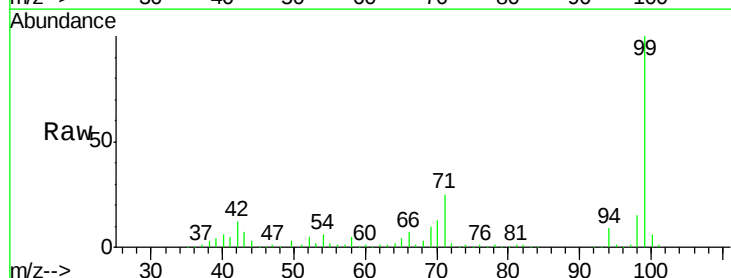
Tgt Ion: 94 Resp: 70571

Ion Ratio Lower Upper

94 100

65 42.7 21.4 61.4

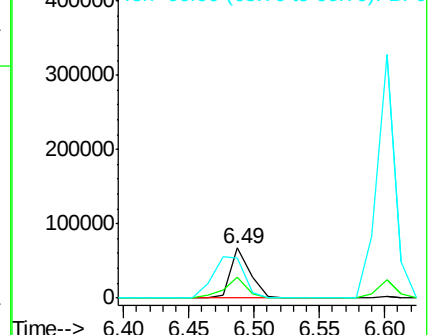
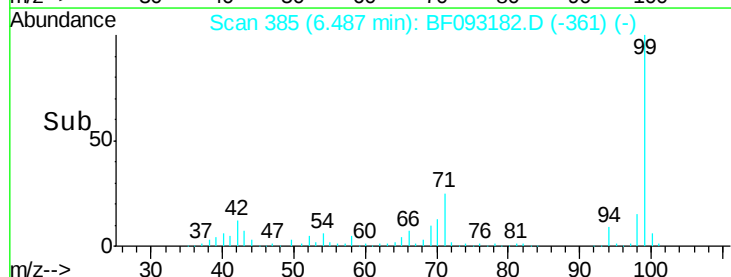
66 80.0 44.0 84.0



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

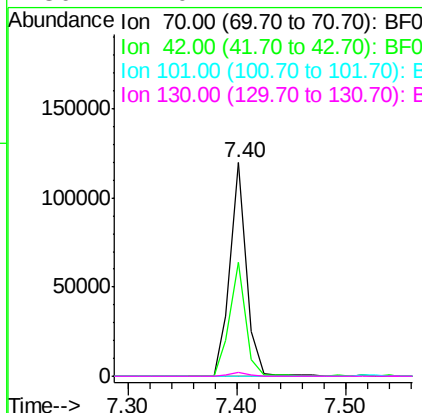
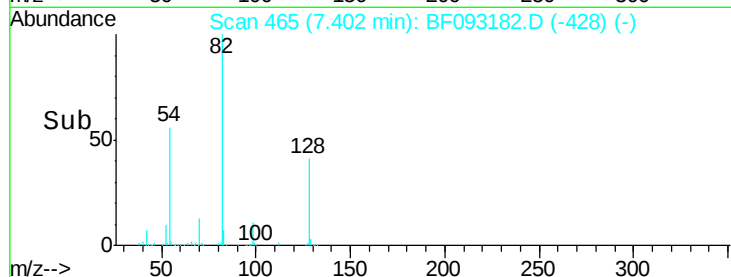
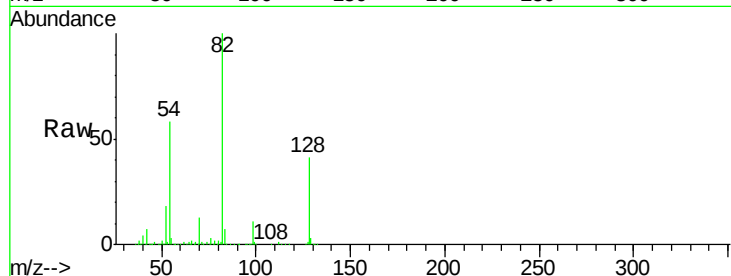




#19
n-Nitroso-di-n-propylamine
Concen: 16.96 ng
RT: 7.40 min Scan# 465
Delta R.T. 0.13 min
Lab File: BF093182.D
Acq: 25 Feb 2017 10:16

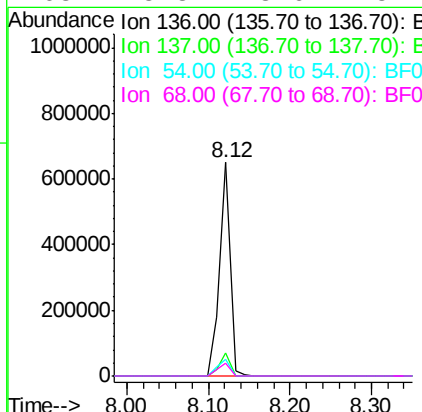
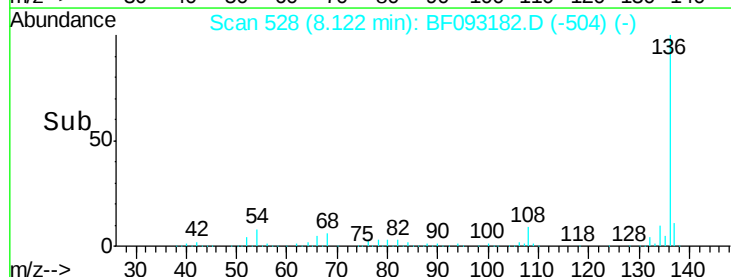
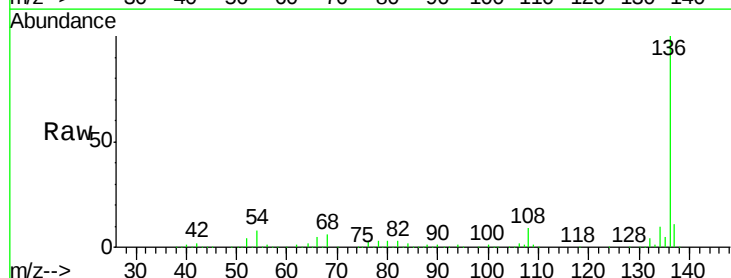
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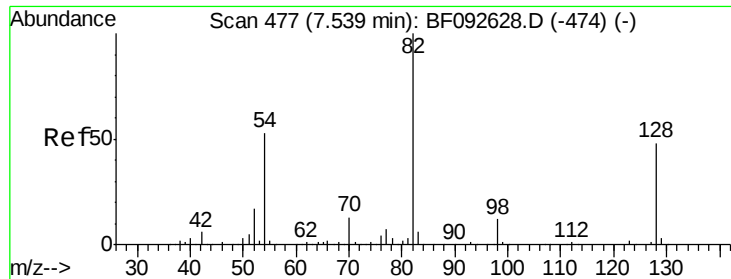
Tgt Ion: 70 Resp: 125119
Ion Ratio Lower Upper
70 100
42 53.1 49.4 74.0
101 0.0 7.4 11.2#
130 2.0 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.02 min
Lab File: BF093182.D
Acq: 25 Feb 2017 10:16

Tgt Ion: 136 Resp: 591023
Ion Ratio Lower Upper
136 100
137 10.5 8.4 12.6
54 8.0 4.5 6.7#
68 5.8 3.6 5.4#

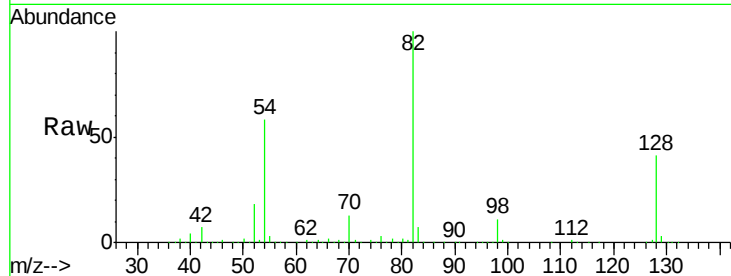




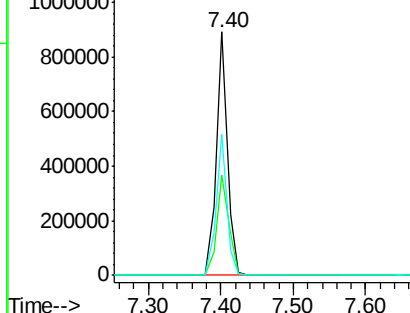
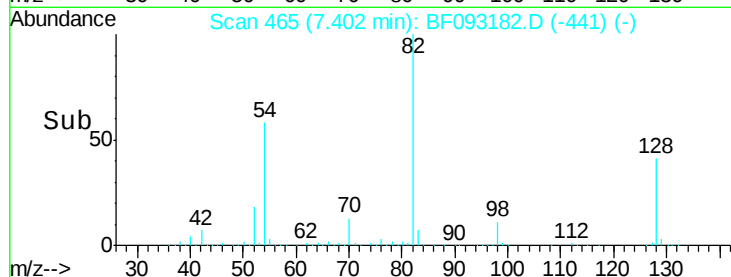
#23
Nitrobenzene-d5
Concen: 89.91 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.02 min
Lab File: BF093182.D
Acq: 25 Feb 2017 10:16

Instrument :
BNA_F
ClientSampleId :
E2B21-BASE-3

Tgt Ion: 82 Resp: 954289
Ion Ratio Lower Upper
82 100
128 41.0 34.6 52.0
54 58.0 39.5 59.3

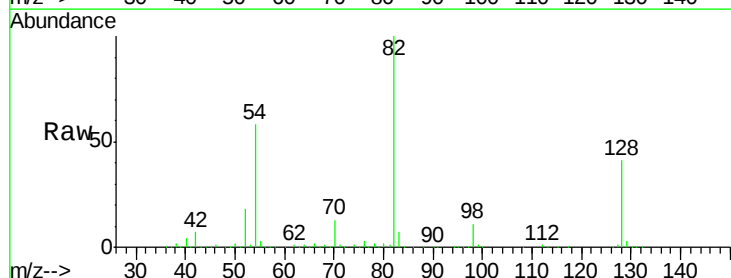


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

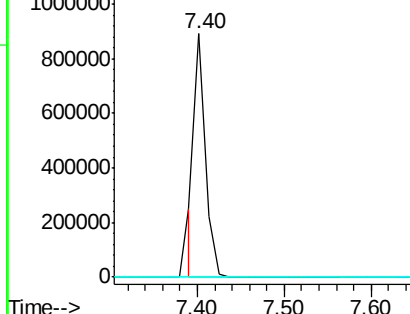
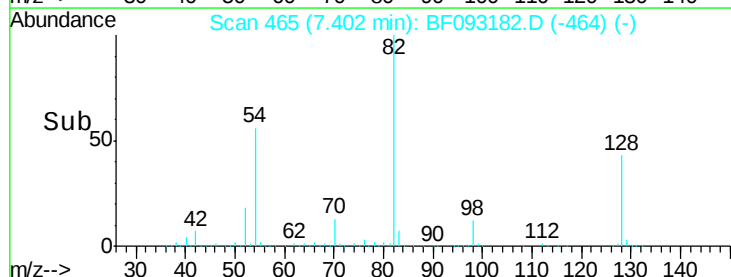


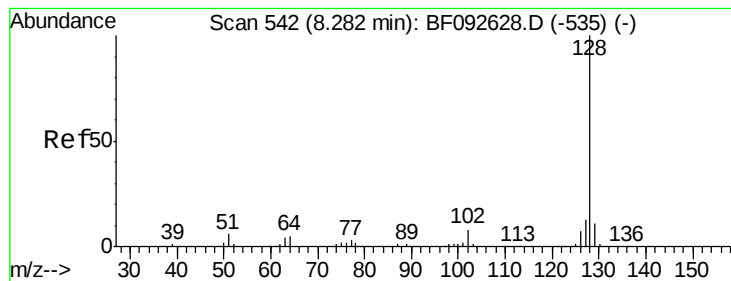
#25
Isophorone
Concen: 39.23 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.29 min
Lab File: BF093182.D
Acq: 25 Feb 2017 10:16

Tgt Ion: 82 Resp: 775949
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.6 22.0#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0





#31

Naphthalene

Concen: 7.11 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.02 min

Lab File: BF093182.D

Acq: 25 Feb 2017 10:16

Instrument :

BNA_F

ClientSampleId :

E2B21-BASE-3

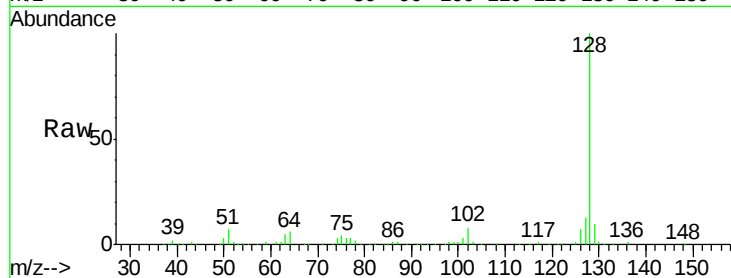
Tgt Ion:128 Resp: 213050

Ion Ratio Lower Upper

128 100

129 10.3 9.5 14.3

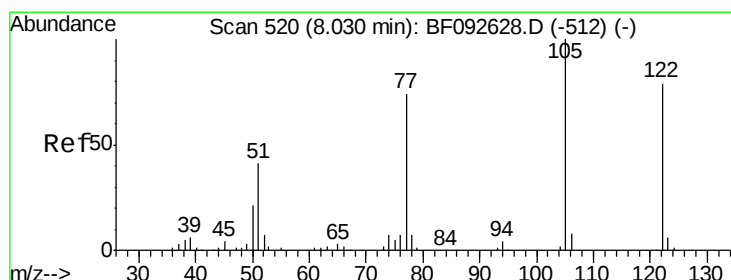
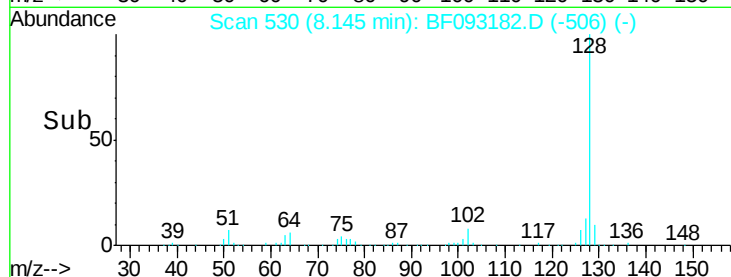
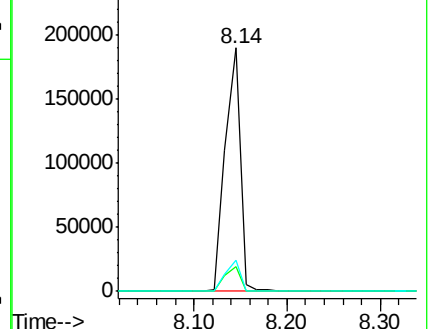
127 12.9 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 7.96 ng

RT: 7.92 min Scan# 510

Delta R.T. -0.01 min

Lab File: BF093182.D

Acq: 25 Feb 2017 10:16

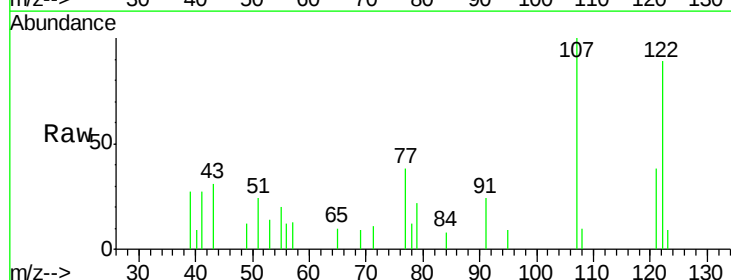
Tgt Ion:122 Resp: 4801

Ion Ratio Lower Upper

122 100

105 0.0 107.2 147.2#

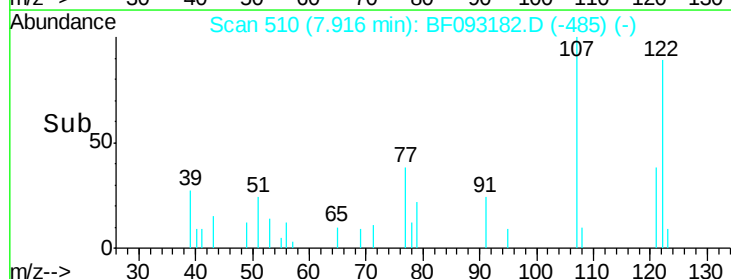
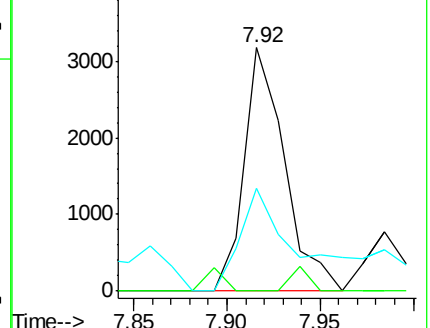
77 42.5 74.5 114.5#

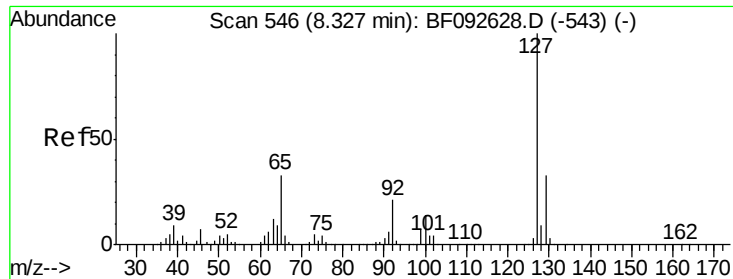


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

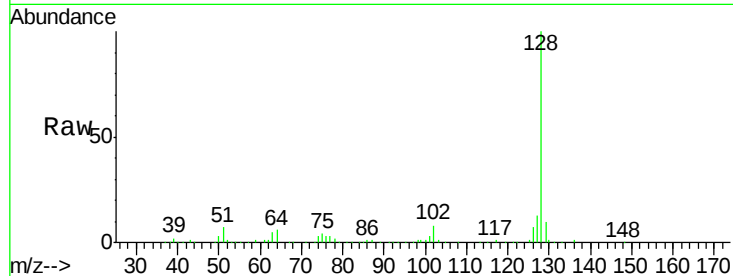




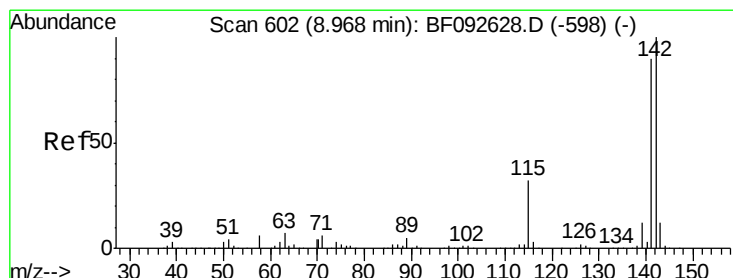
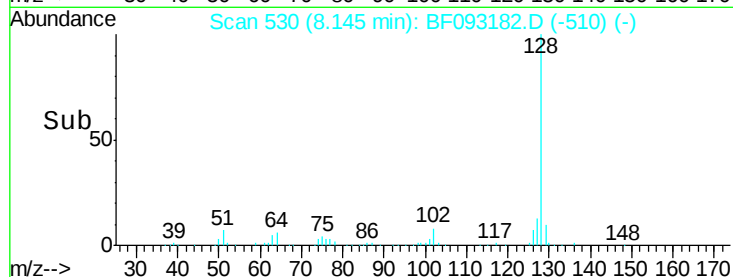
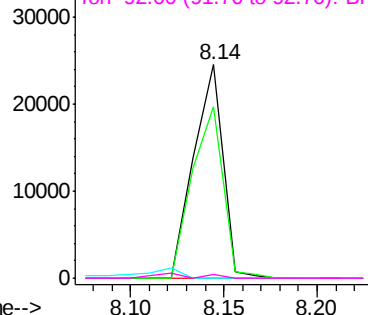
#33
4-Chloroaniline
Concen: 2.30 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.07 min
Lab File: BF093182.D
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Tgt Ion:	127	Resp:	26989
Ion	Ratio	Lower	Upper
127	100		
129	80.0	26.3	39.5#
65	0.0	25.8	38.8#
92	1.7	16.1	24.1#

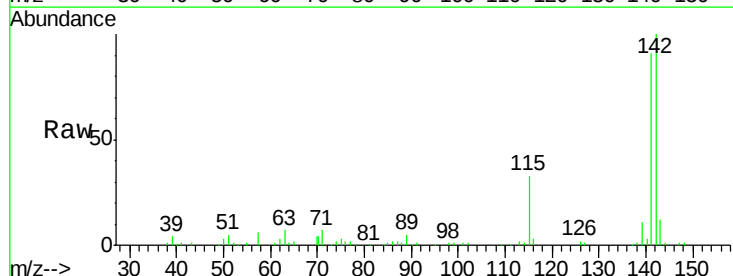


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

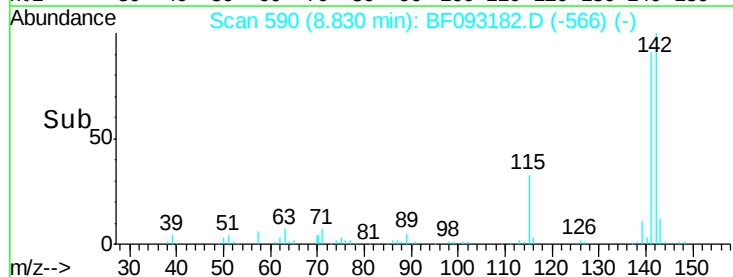
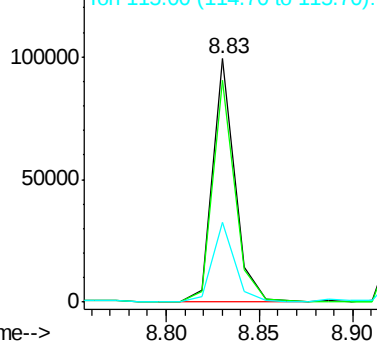


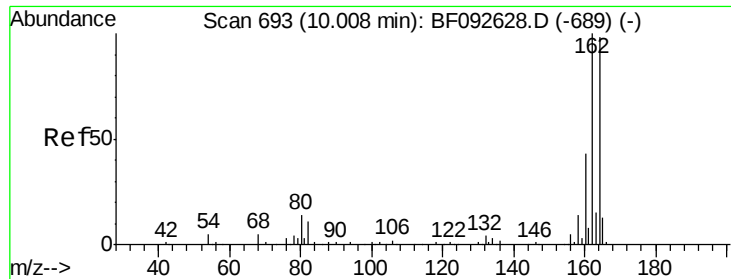
#37
2-Methylnaphthalene
Concen: 4.28 ng
RT: 8.83 min Scan# 590
Delta R.T. -0.02 min
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Tgt Ion:	142	Resp:	82360
Ion	Ratio	Lower	Upper
142	100		
141	91.1	71.0	106.6
115	32.5	28.3	42.5



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

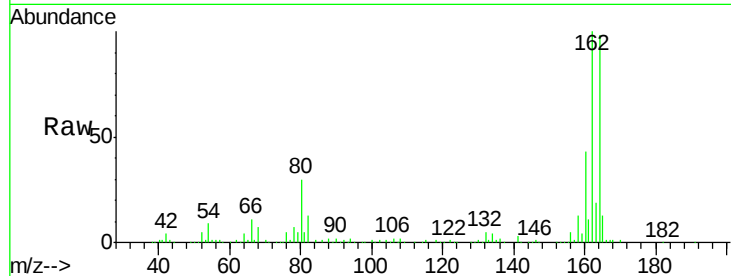




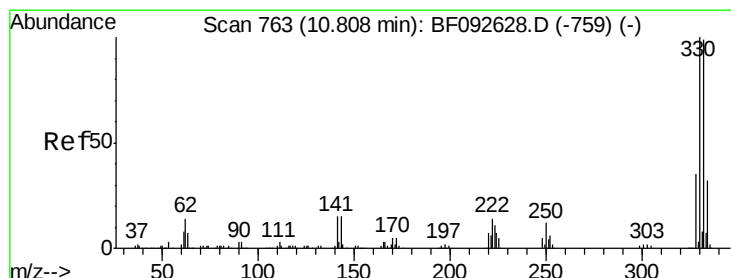
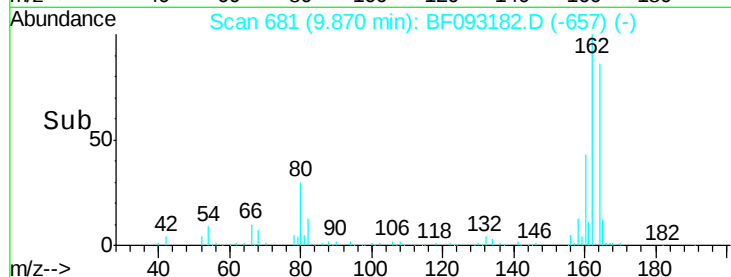
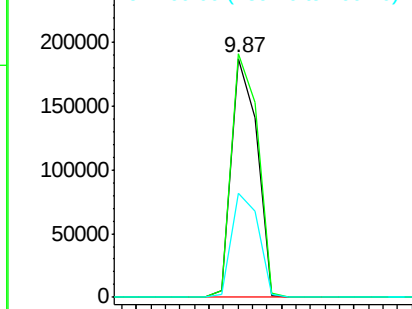
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.02 min
Lab File: BF093182.D
Acq: 25 Feb 2017 10:16

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BNA_F
ClientSampleId :
E2B21-BASE-3

Tgt Ion:164 Resp: 231015
Ion Ratio Lower Upper
164 100
162 101.9 80.2 120.2
160 43.7 36.9 55.3

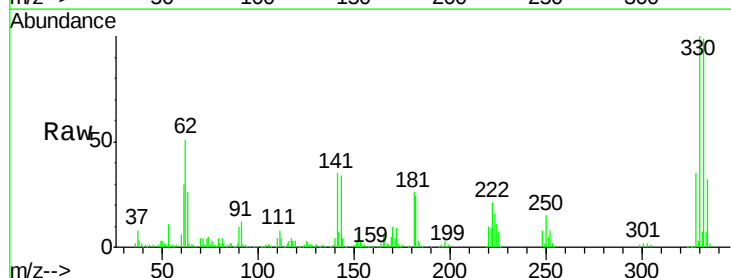


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

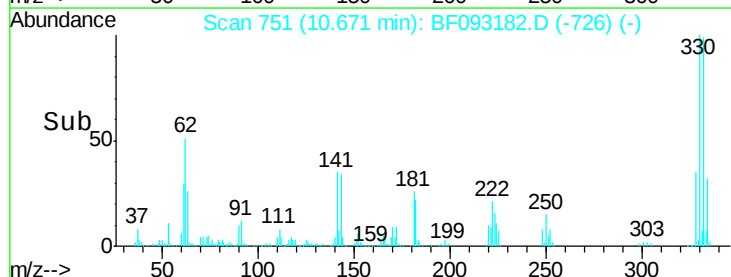
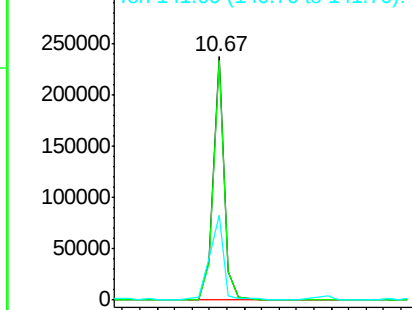


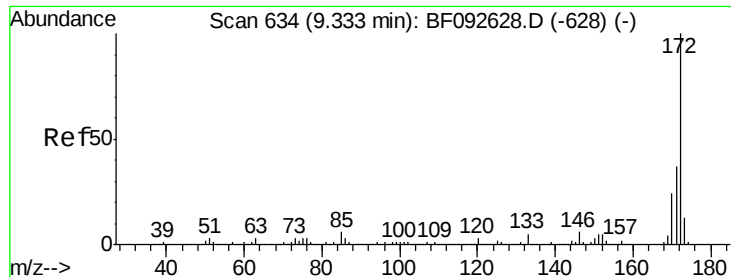
#41
2,4,6-Tribromophenol
Concen: 127.63 ng
RT: 10.67 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF093182.D
Acq: 25 Feb 2017 10:16

Tgt Ion:330 Resp: 213247
Ion Ratio Lower Upper
330 100
332 98.2 77.4 116.2
141 43.1 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

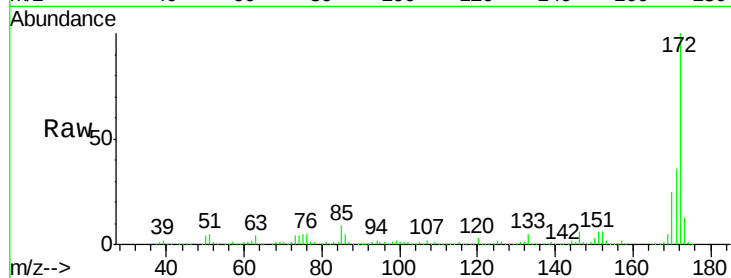




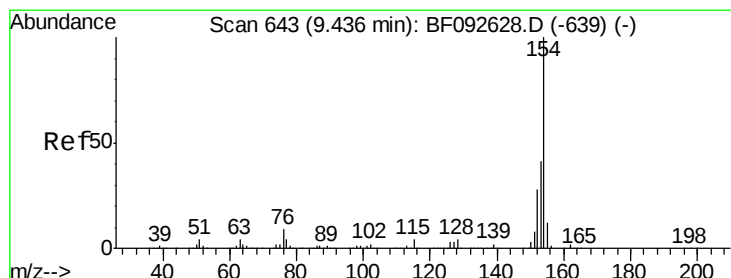
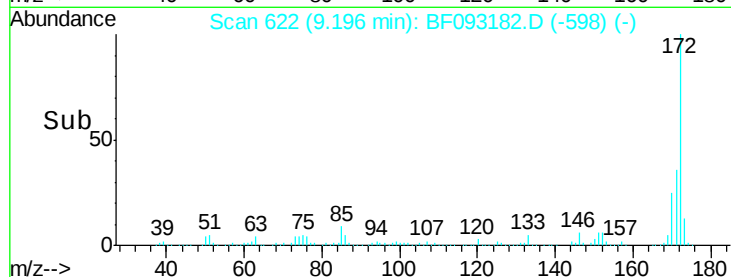
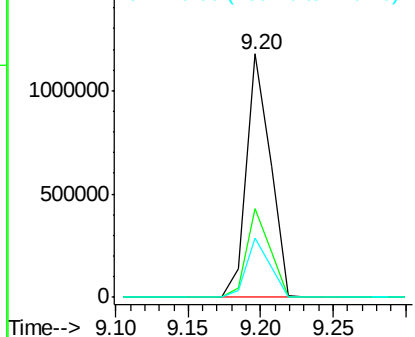
#44
2-Fluorobiphenyl
Concen: 105.78 ng
RT: 9.20 min Scan# 622
Delta R.T. -0.02 min
Lab File: BF093182.D
Acq: 25 Feb 2017 10:16

Instrument :
BNA_F
ClientSampleId :
E2B21-BASE-3

Tgt Ion:172 Resp: 1348820
Ion Ratio Lower Upper
172 100
171 36.3 29.4 44.0
170 24.5 20.2 30.4

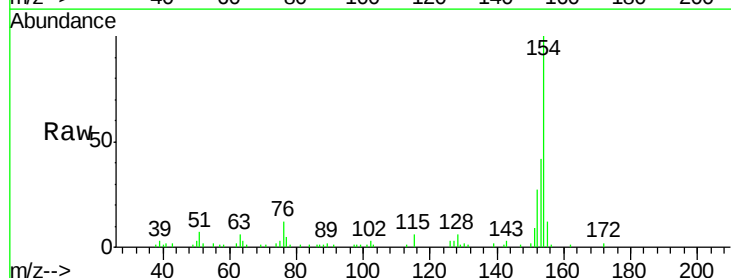


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

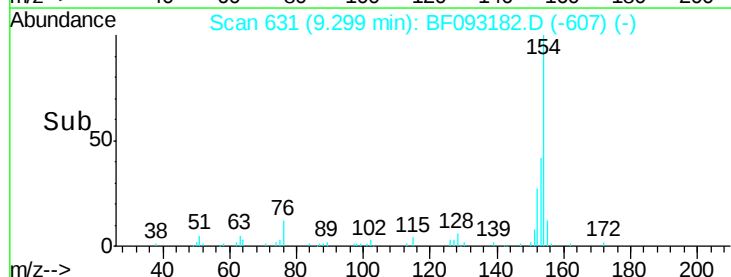
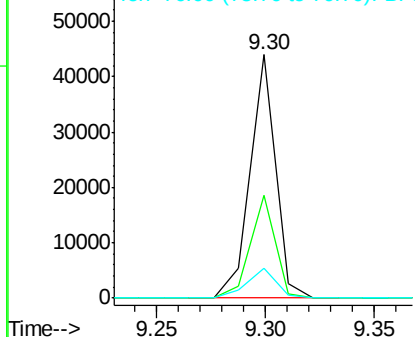


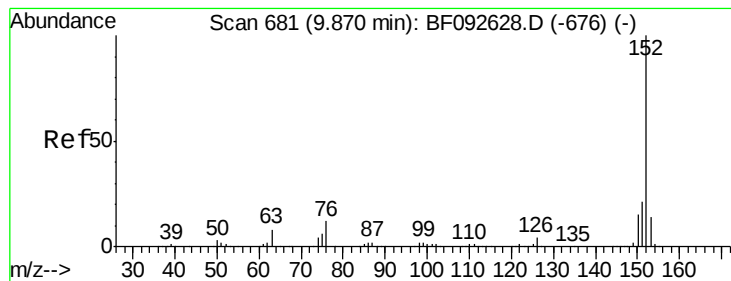
#45
1,1'-Biphenyl
Concen: 2.13 ng
RT: 9.30 min Scan# 631
Delta R.T. -0.02 min
Lab File: BF093182.D
Acq: 25 Feb 2017 10:16

Tgt Ion:154 Resp: 35592
Ion Ratio Lower Upper
154 100
153 42.3 20.9 60.9
76 12.5 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): BF0





#48

Acenaphthylene

Concen: 4.91 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.02 min

Lab File: BF093182.D

Acq: 25 Feb 2017 10:16

Instrument :

BNA_F

ClientSampleId :

E2B21-BASE-3

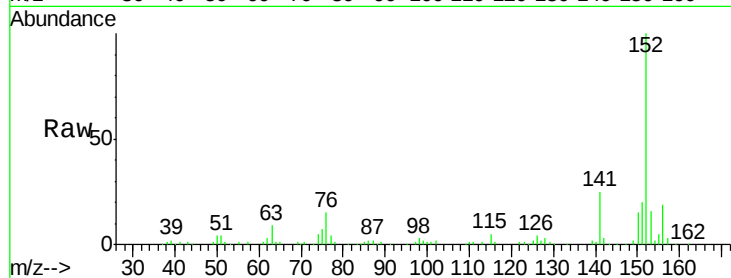
Tgt Ion:152 Resp: 111088

Ion Ratio Lower Upper

152 100

151 19.9 16.9 25.3

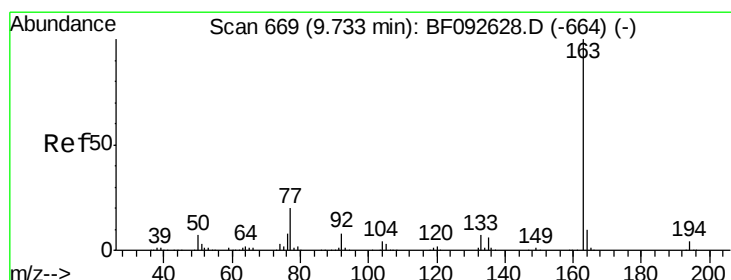
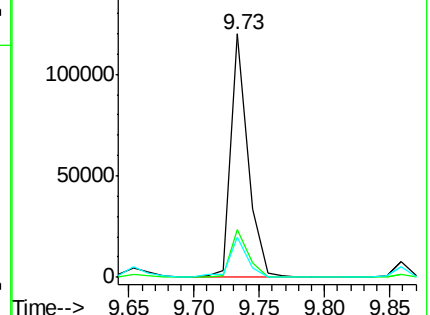
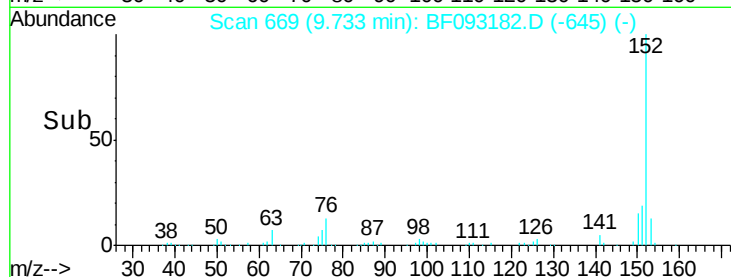
153 16.3 11.4 17.2



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: 11.44 ng

RT: 9.60 min Scan# 657

Delta R.T. -0.02 min

Lab File: BF093182.D

Acq: 25 Feb 2017 10:16

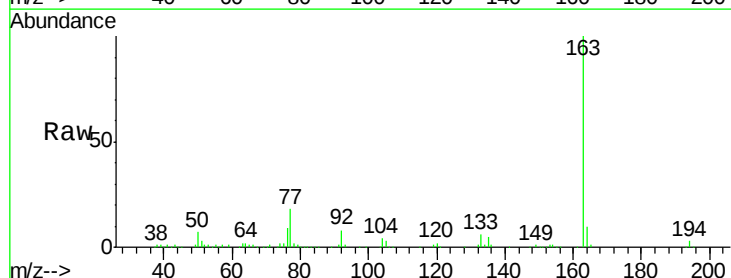
Tgt Ion:163 Resp: 177937

Ion Ratio Lower Upper

163 100

194 3.4 3.0 4.4

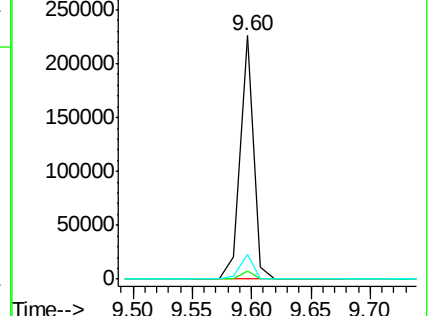
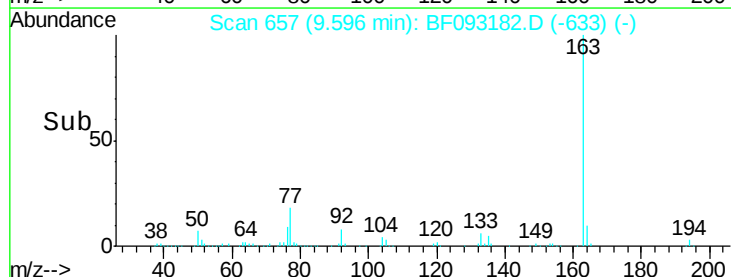
164 10.1 8.0 12.0

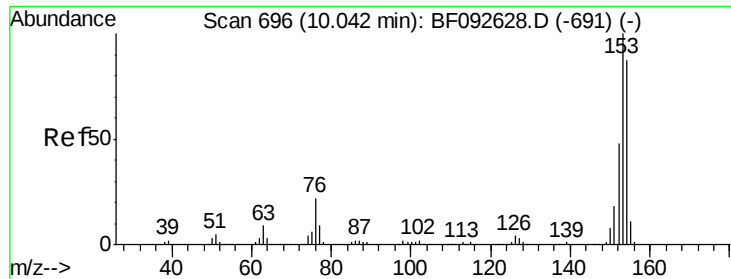


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 19.60 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.02 min

Lab File: BF093182.D

Acq: 25 Feb 2017 10:16

Instrument :

BNA_F

ClientSampleId :

E2B21-BASE-3

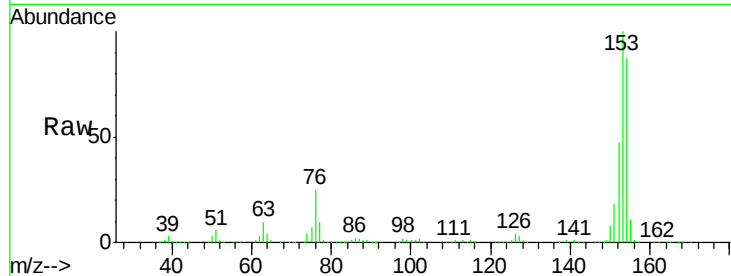
Tgt Ion:154 Resp: 264919

Ion Ratio Lower Upper

154 100

153 114.9 88.6 133.0

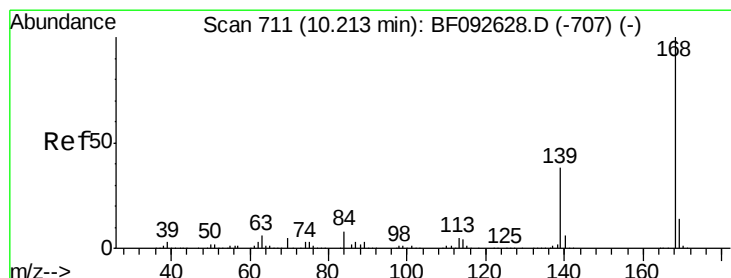
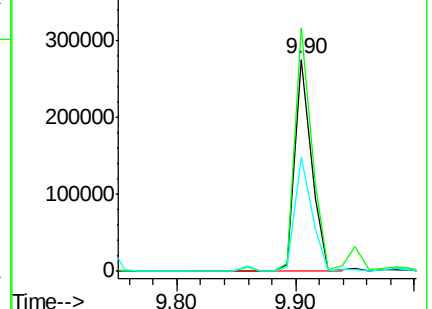
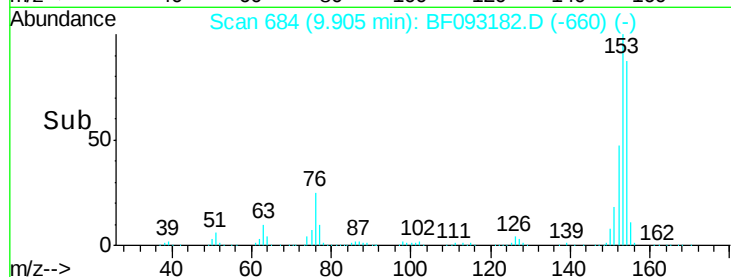
152 54.0 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 11.09 ng

RT: 10.08 min Scan# 699

Delta R.T. -0.02 min

Lab File: BF093182.D

Acq: 25 Feb 2017 10:16

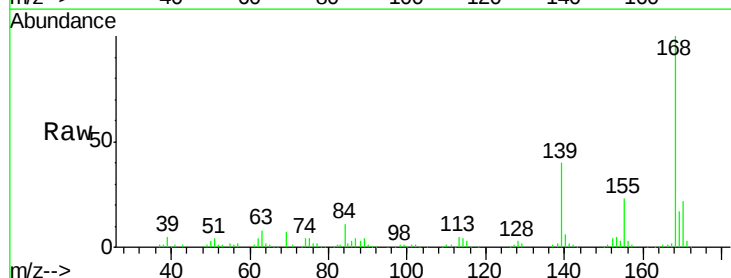
Tgt Ion:168 Resp: 200568

Ion Ratio Lower Upper

168 100

139 39.6 32.6 49.0

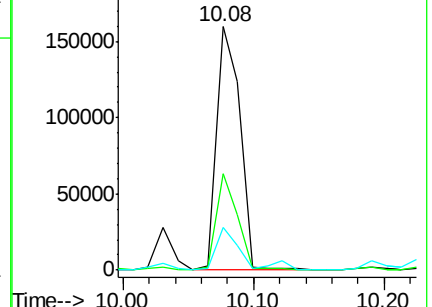
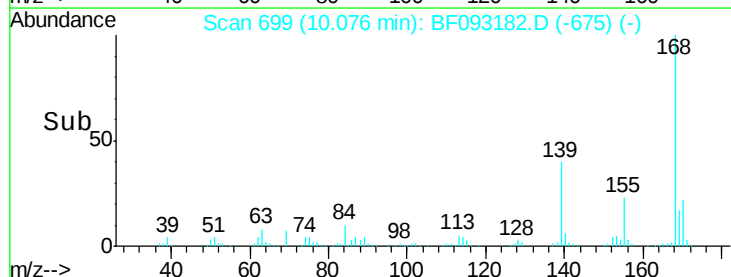
169 17.4 11.3 16.9#

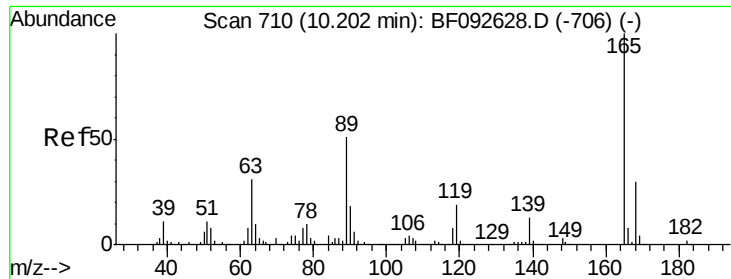


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

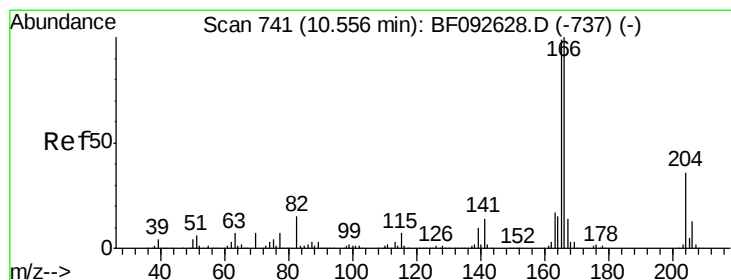
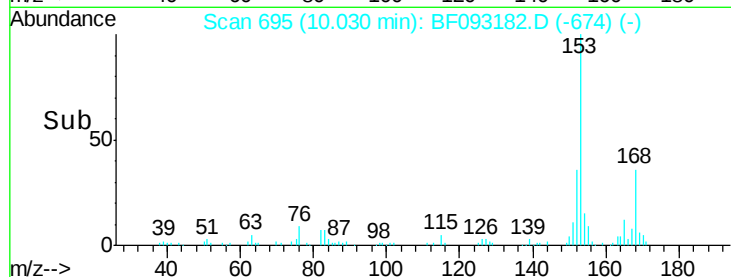
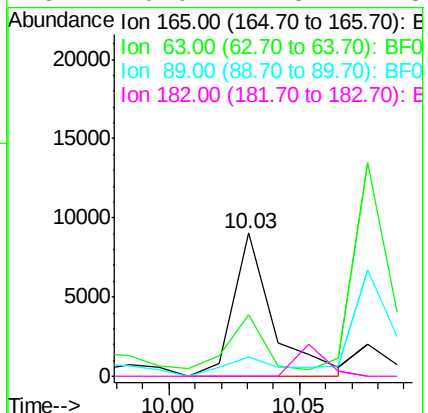
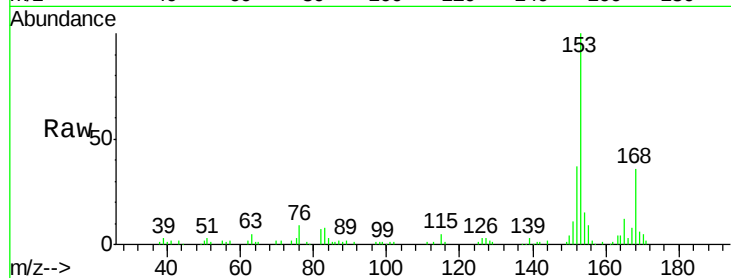




#56
 2,4-Dinitrotoluene
 Concen: 2.14 ng
 RT: 10.03 min Scan# 695
 Delta R.T. -0.06 min
 Lab File: BF093182.D
 Acq: 25 Feb 2017 10:16

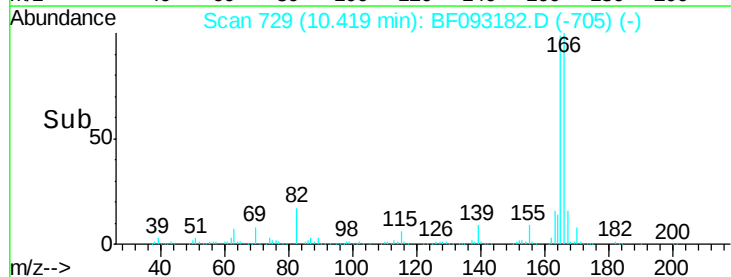
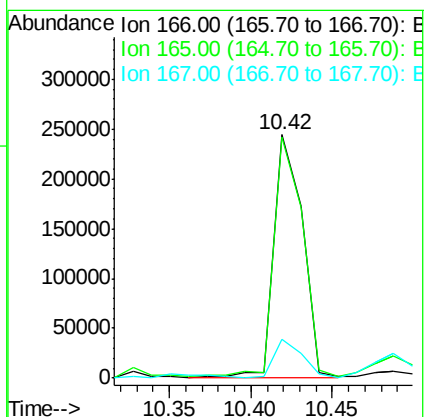
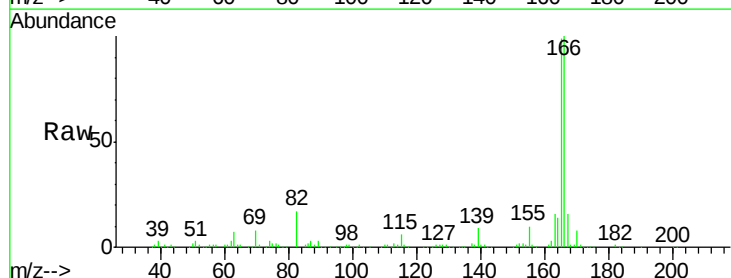
Instrument :
 BNA_F
 ClientSampleId :
 E2B21-BASE-3

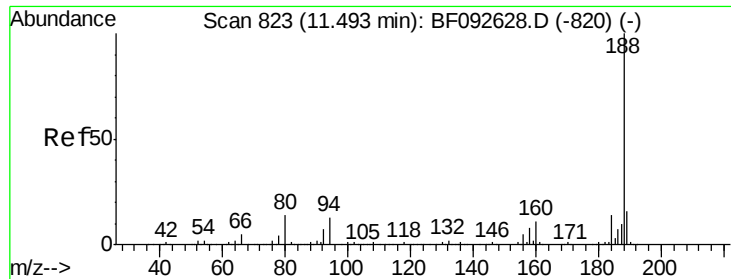
Tgt Ion	Ratio	Lower	Upper
165	100		
63	42.9	40.2	60.4
89	13.4	62.5	93.7#
182	0.0	1.8	2.8#



#57
 Fluorene
 Concen: 21.40 ng
 RT: 10.42 min Scan# 729
 Delta R.T. -0.02 min
 Lab File: BF093182.D
 Acq: 25 Feb 2017 10:16

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.2	77.8	116.8
167	16.1	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: BF093182.D

Acq: 25 Feb 2017 10:16

Instrument :

BNA_F

ClientSampleId :

E2B21-BASE-3

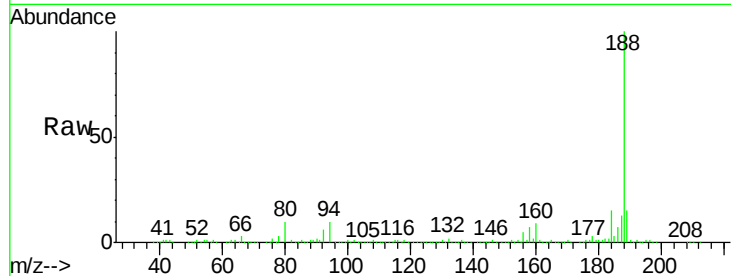
Tgt Ion:188 Resp: 351135

Ion Ratio Lower Upper

188 100

94 10.4 10.0 15.0

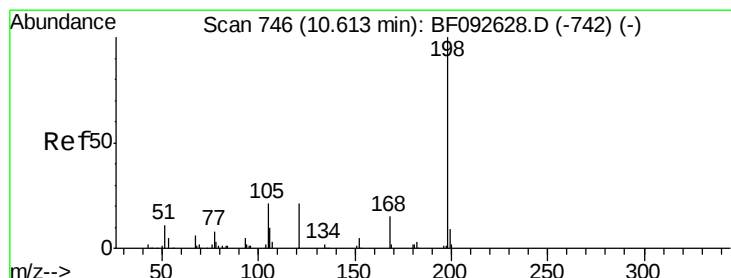
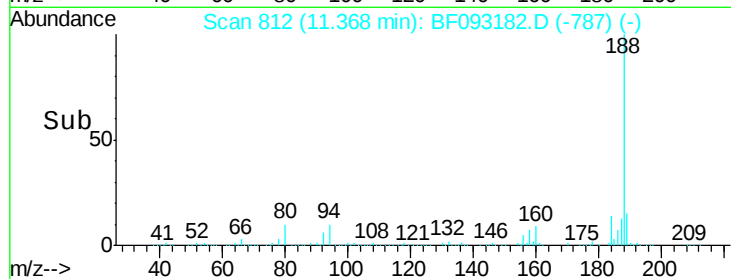
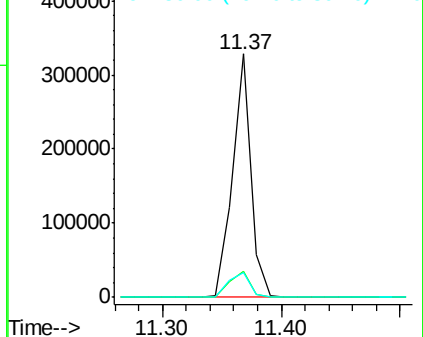
80 9.9 11.2 16.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 2.96 ng

RT: 10.67 min Scan# 751

Delta R.T. 0.17 min

Lab File: BF093182.D

Acq: 25 Feb 2017 10:16

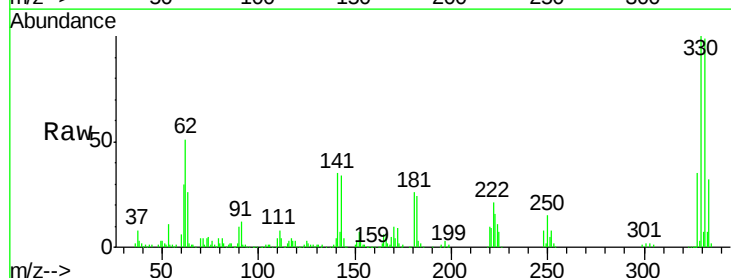
Tgt Ion:198 Resp: 669

Ion Ratio Lower Upper

198 100

51 716.0 6.7 46.7#

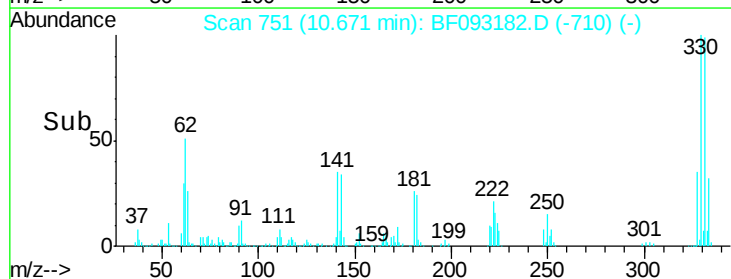
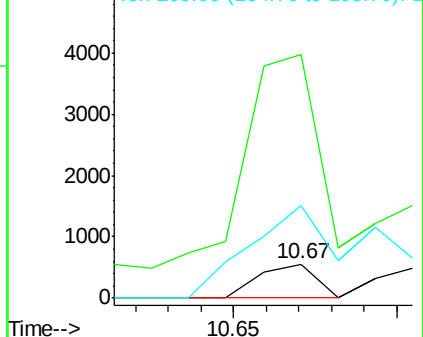
105 271.4 16.6 56.6#

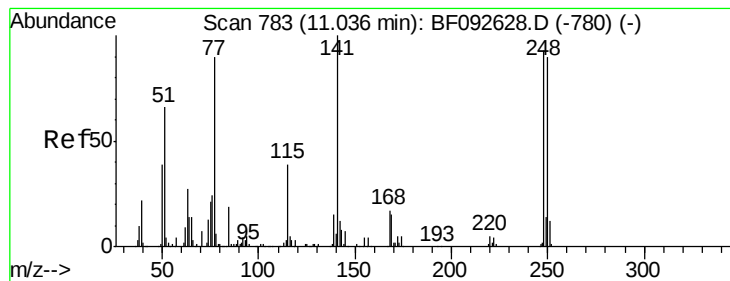


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#66

4-Bromophenyl-phenylether

Concen: 4.46 ng

RT: 10.67 min Scan# 751

Delta R.T. -0.25 min

Lab File: BF093182.D

Acq: 25 Feb 2017 10:16

Instrument :

BNA_F

ClientSampleId :

E2B21-BASE-3

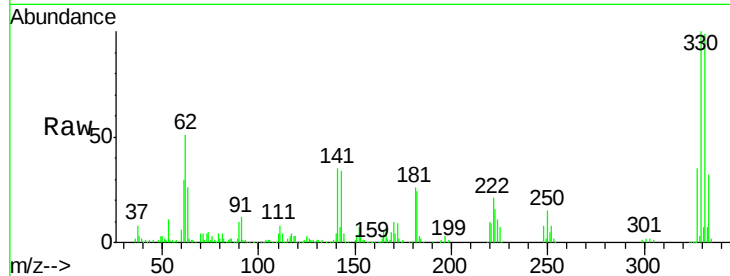
Tgt Ion:248 Resp: 16377

Ion Ratio Lower Upper

248 100

250 197.2 76.9 115.3#

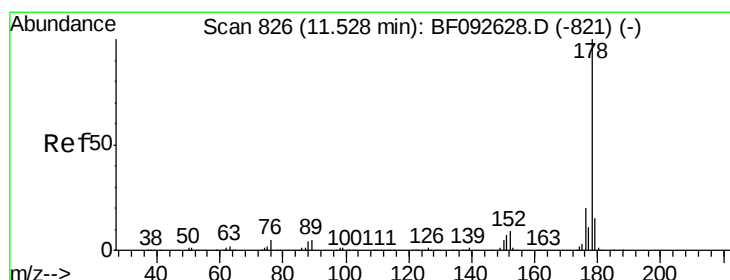
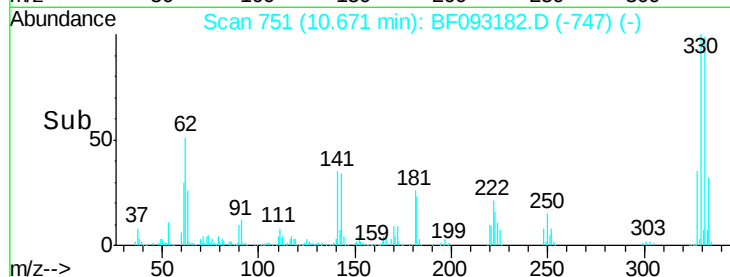
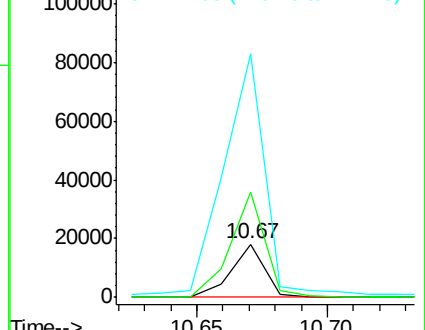
141 455.1 68.2 102.4#



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: 144.83 ng

RT: 11.40 min Scan# 815

Delta R.T. -0.00 min

Lab File: BF093182.D

Acq: 25 Feb 2017 10:16

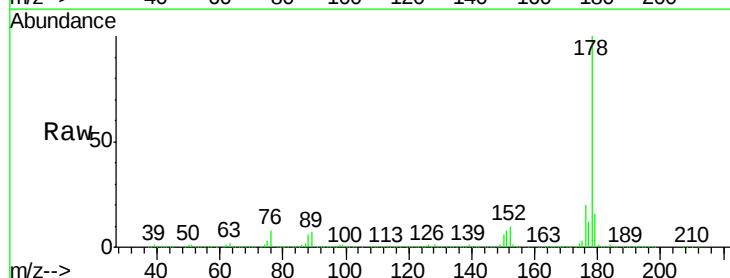
Tgt Ion:178 Resp: 2913666

Ion Ratio Lower Upper

178 100

176 20.3 16.6 25.0

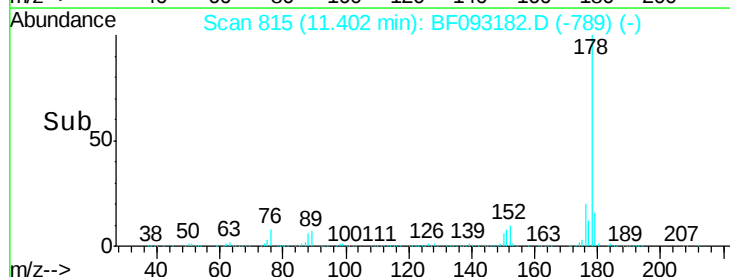
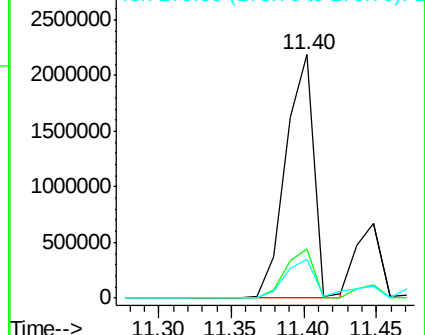
179 15.7 12.8 19.2

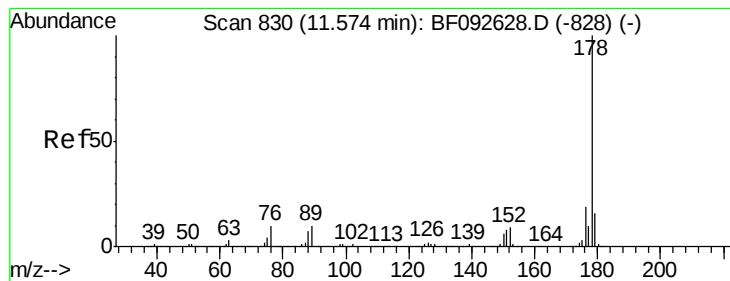


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 39.80 ng

RT: 11.45 min Scan# 819

Delta R.T. -0.01 min

Lab File: BF093182.D

Acq: 25 Feb 2017 10:16

Instrument :

BNA_F

ClientSampleId :

E2B21-BASE-3

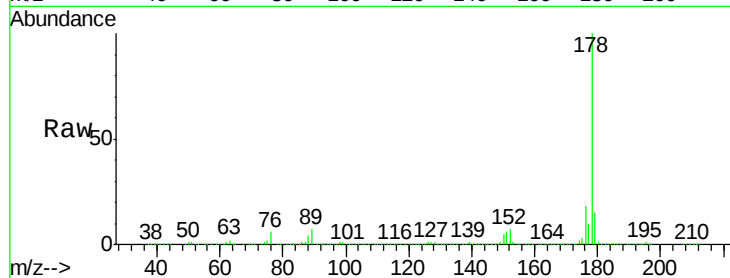
Tgt Ion:178 Resp: 803980

Ion Ratio Lower Upper

178 100

176 18.3 15.9 23.9

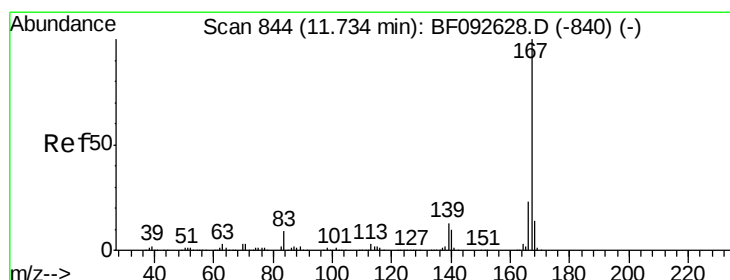
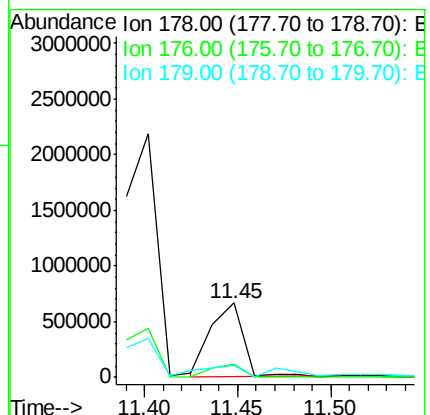
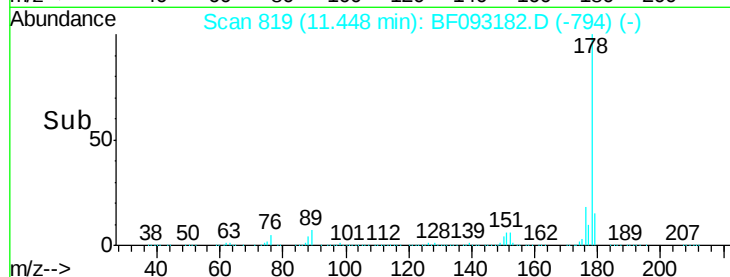
179 15.3 13.2 19.8



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: 14.79 ng

RT: 11.60 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF093182.D

Acq: 25 Feb 2017 10:16

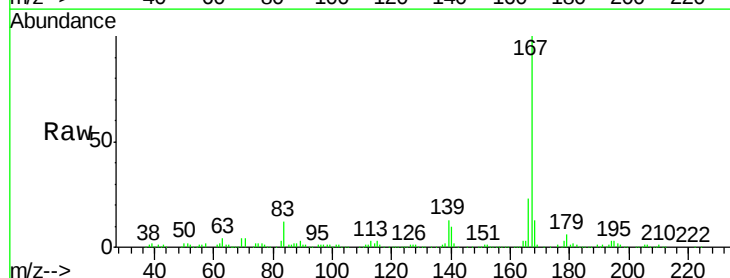
Tgt Ion:167 Resp: 285610

Ion Ratio Lower Upper

167 100

166 22.7 18.2 27.2

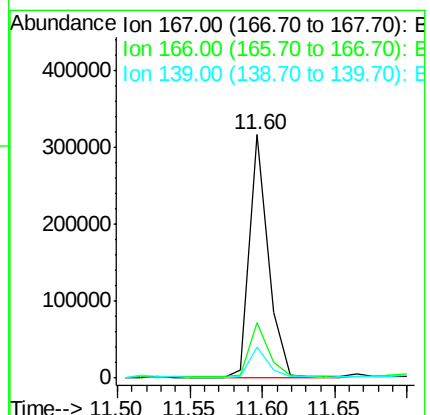
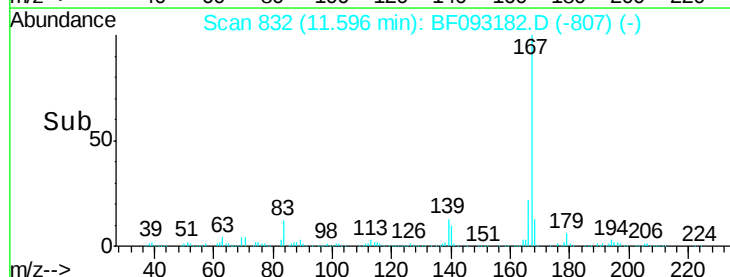
139 13.0 11.4 17.2

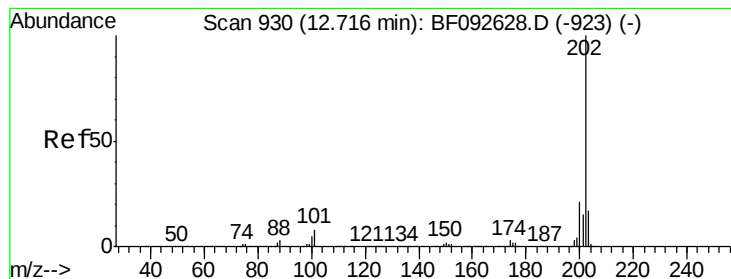


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 119.84 ng

RT: 12.59 min Scan# 919

Delta R.T. -0.00 min

Lab File: BF093182.D

Acq: 25 Feb 2017 10:16

Instrument :

BNA_F

ClientSampleId :

E2B21-BASE-3

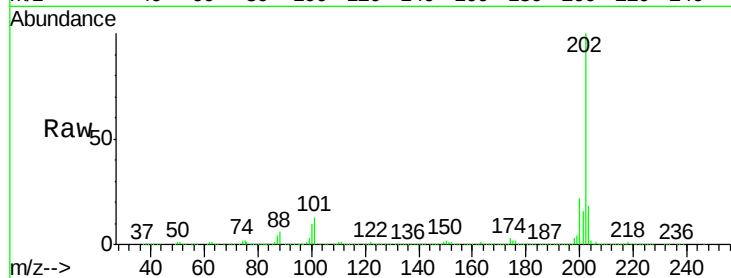
Tgt Ion:202 Resp: 2486748

Ion Ratio Lower Upper

202 100

101 13.2 0.0 34.6

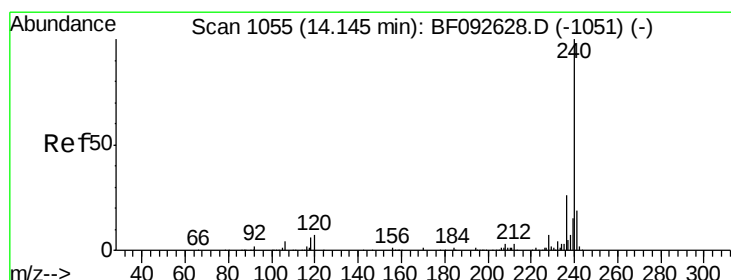
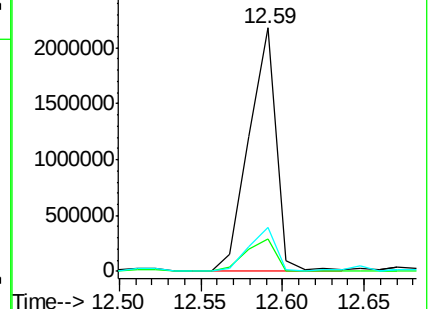
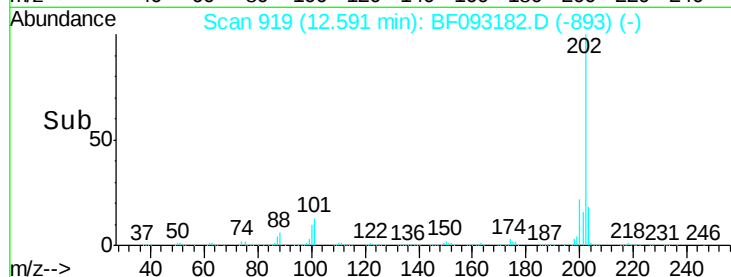
203 18.3 0.0 38.7



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: 14.02 min Scan# 1044

Delta R.T. -0.00 min

Lab File: BF093182.D

Acq: 25 Feb 2017 10:16

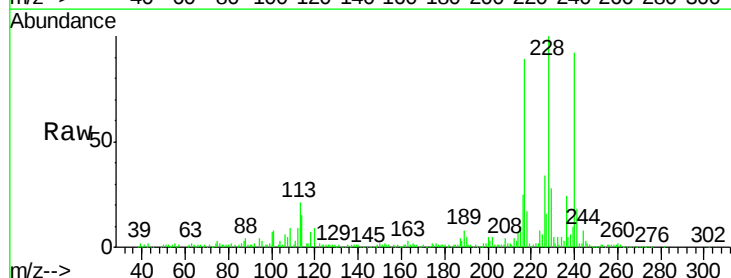
Tgt Ion:240 Resp: 265666

Ion Ratio Lower Upper

240 100

120 9.3 12.9 19.3#

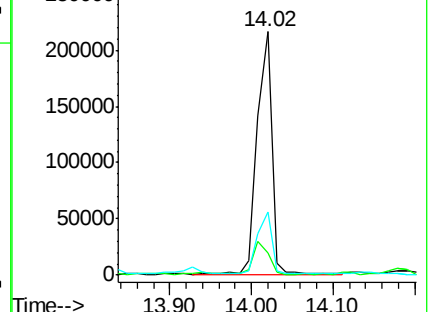
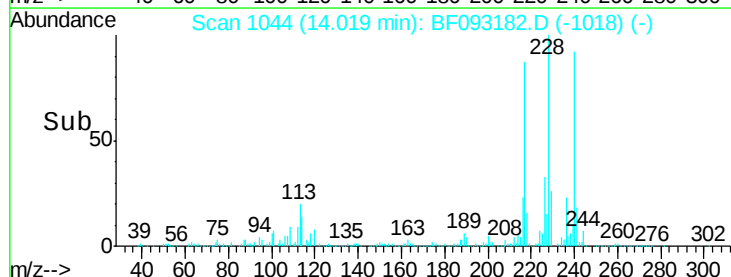
236 25.7 20.9 31.3

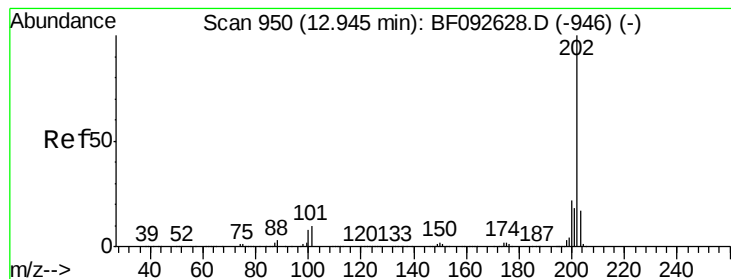


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 124.68 ng

RT: 12.82 min Scan# 939

Delta R.T. -0.00 min

Lab File: BF093182.D

Acq: 25 Feb 2017 10:16

Instrument :

BNA_F

ClientSampleId :

E2B21-BASE-3

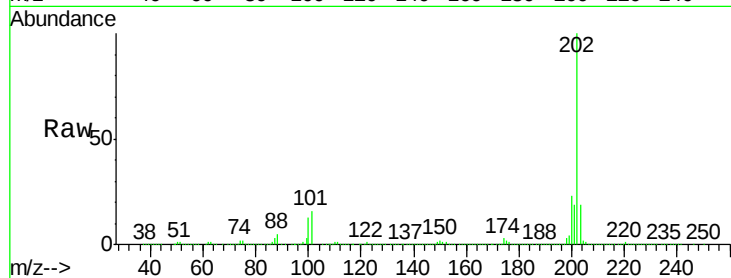
Tgt Ion:202 Resp: 2478775

Ion Ratio Lower Upper

202 100

200 22.9 17.7 26.5

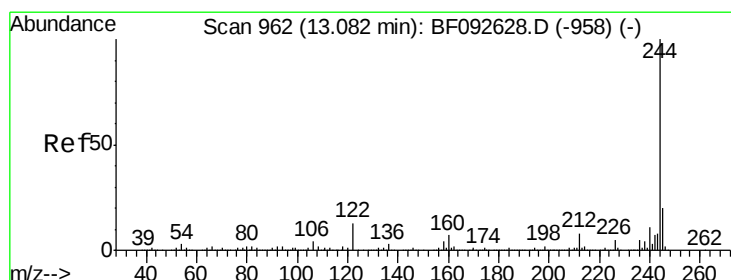
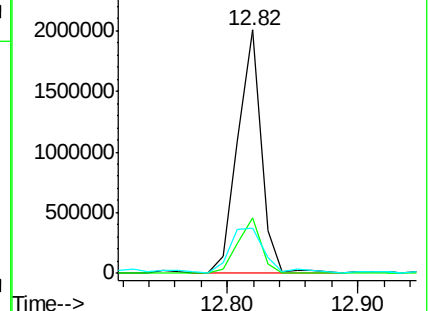
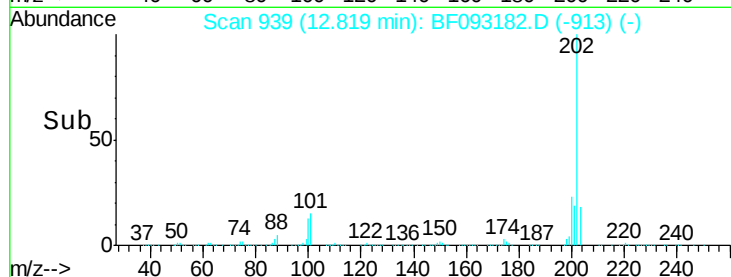
203 18.8 14.7 22.1



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: 77.24 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF093182.D

Acq: 25 Feb 2017 10:16

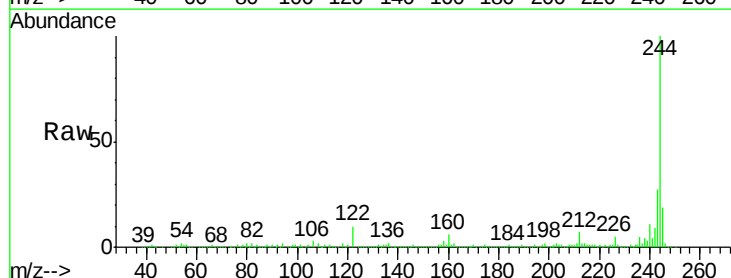
Tgt Ion:244 Resp: 873289

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

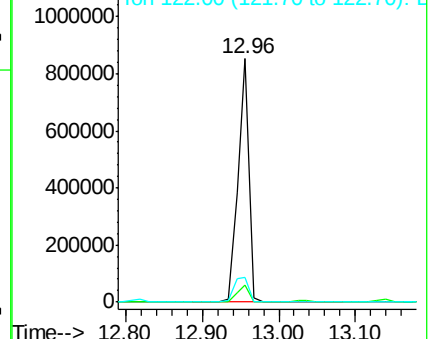
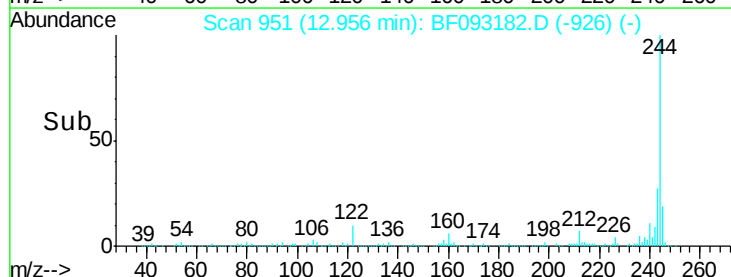
122 10.0 11.4 17.2

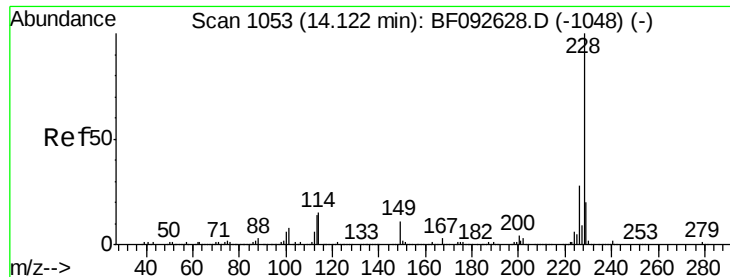


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 95.13 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BF093182.D

Acq: 25 Feb 2017 10:16

Instrument :

BNA_F

ClientSampleId :

E2B21-BASE-3

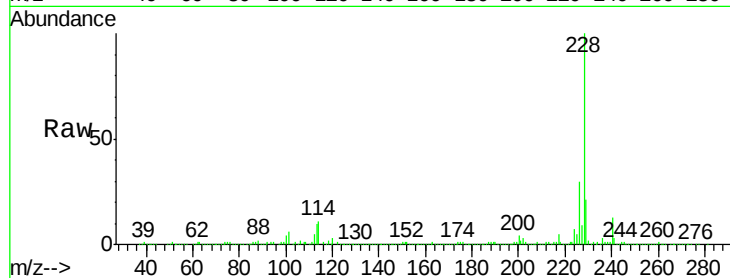
Tgt Ion:228 Resp: 1545690

Ion Ratio Lower Upper

228 100

226 29.5 22.4 33.6

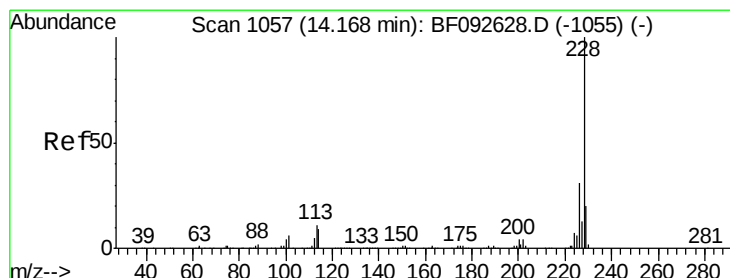
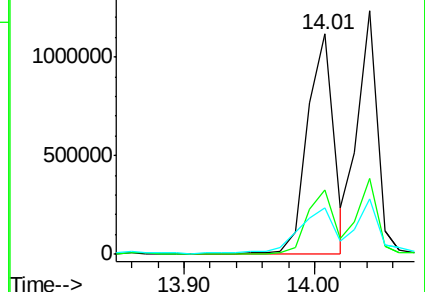
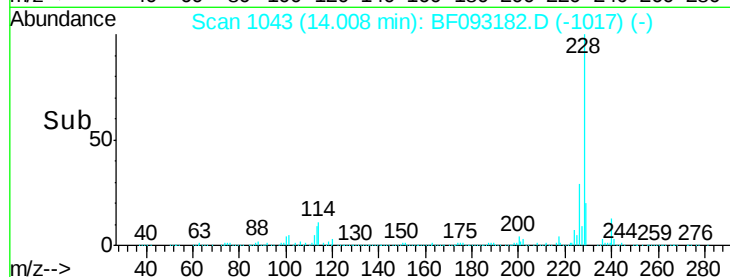
229 21.2 16.2 24.4



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: 101.60 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.03 min

Lab File: BF093182.D

Acq: 25 Feb 2017 10:16

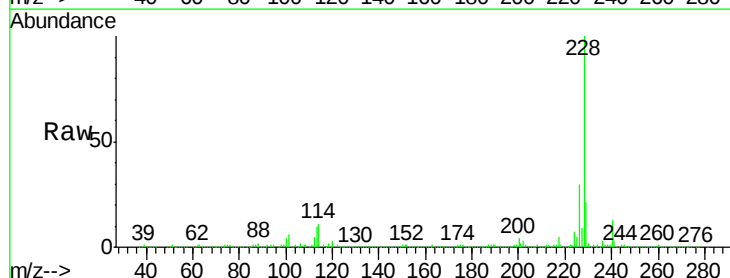
Tgt Ion:228 Resp: 1545690

Ion Ratio Lower Upper

228 100

226 29.5 25.4 38.0

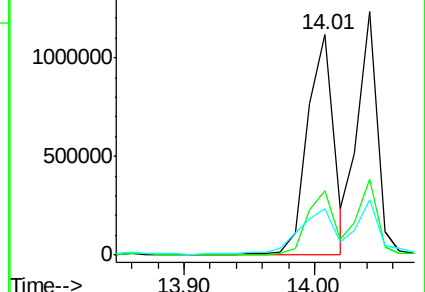
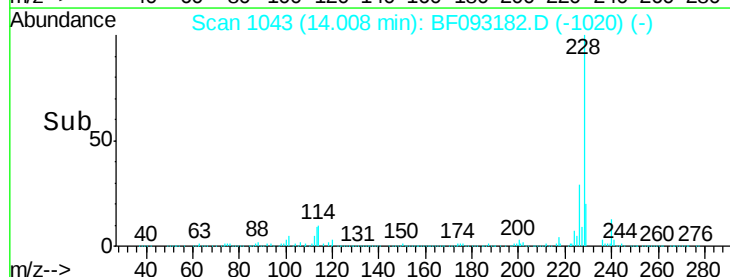
229 21.2 16.2 24.2

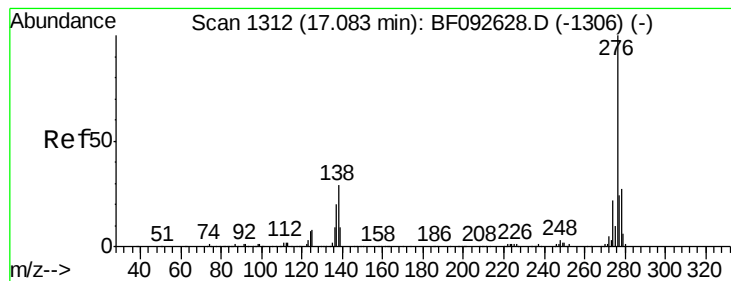


Abundance Ion 228.00 (227.70 to 228.70): E

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: 49.87 ng

RT: 16.87 min Scan# 1293

Delta R.T. 0.01 min

Lab File: BF093182.D

Acq: 25 Feb 2017 10:16

Instrument :

BNA_F

ClientSampleId :

E2B21-BASE-3

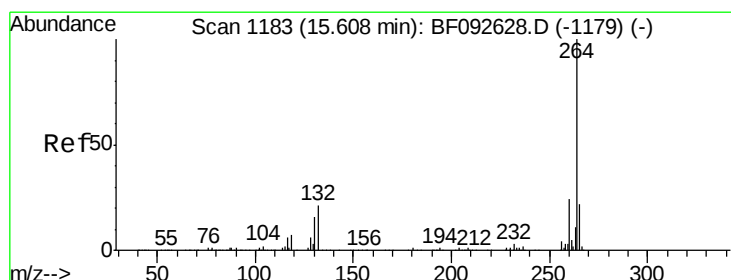
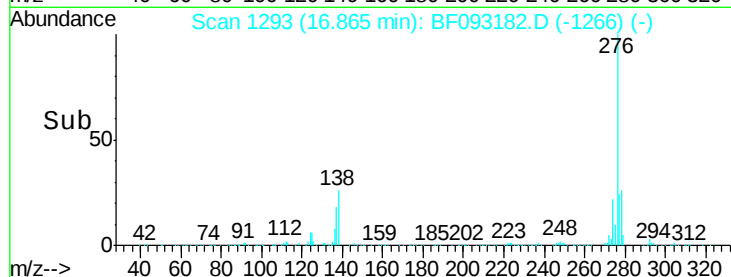
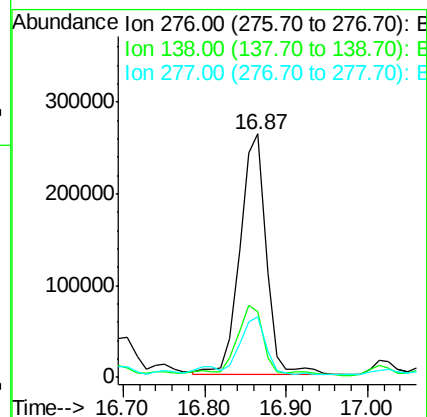
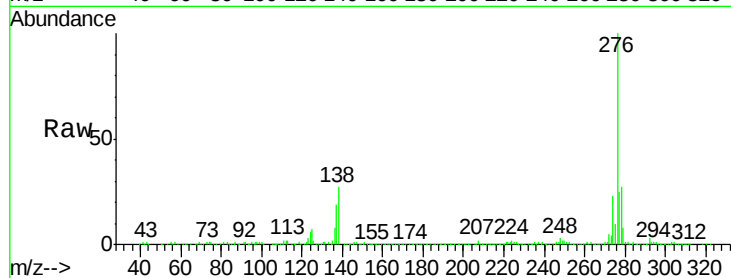
Tgt Ion:276 Resp: 587605

Ion Ratio Lower Upper

276 100

138 28.8 21.8 32.6

277 24.6 20.2 30.4



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.45 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BF093182.D

Acq: 25 Feb 2017 10:16

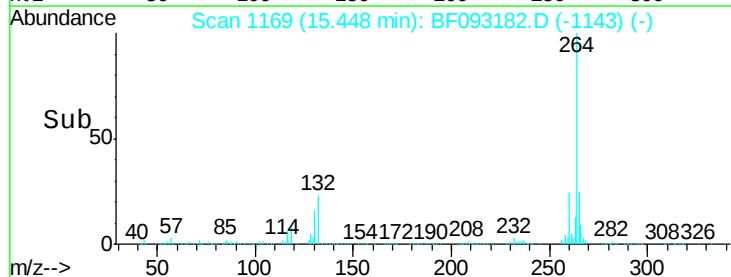
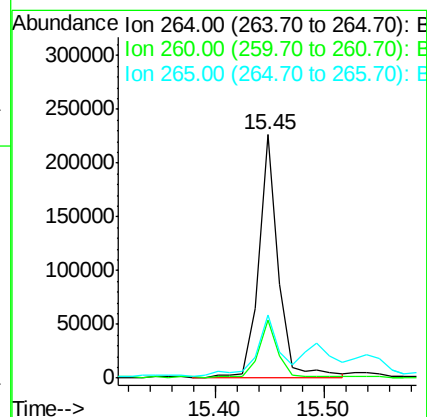
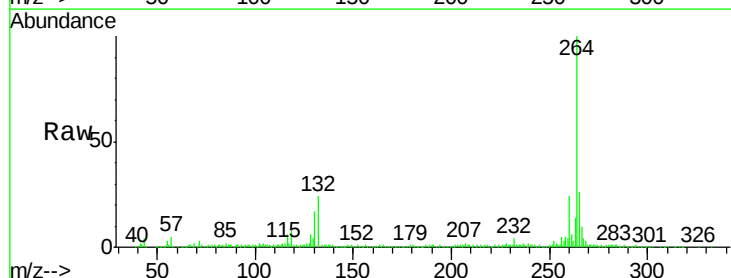
Tgt Ion:264 Resp: 280662

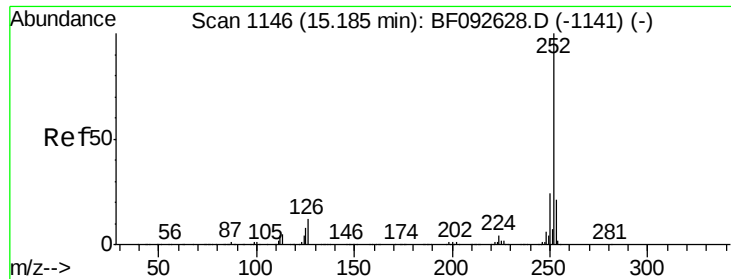
Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 25.7 17.4 26.0

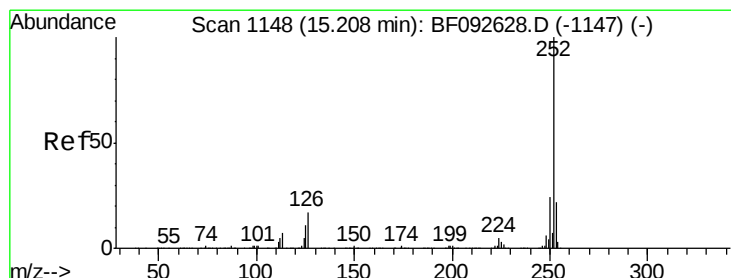
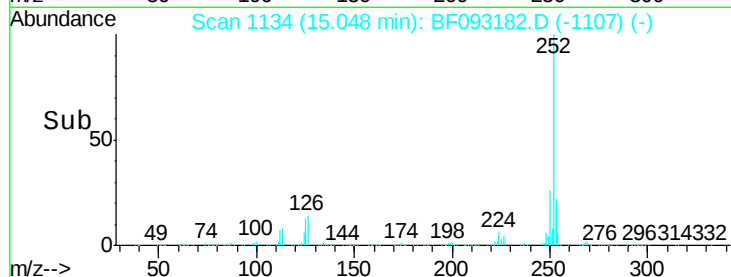
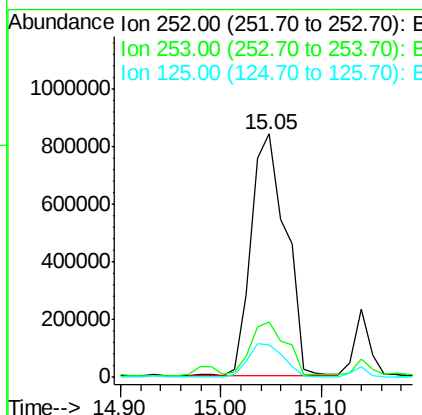
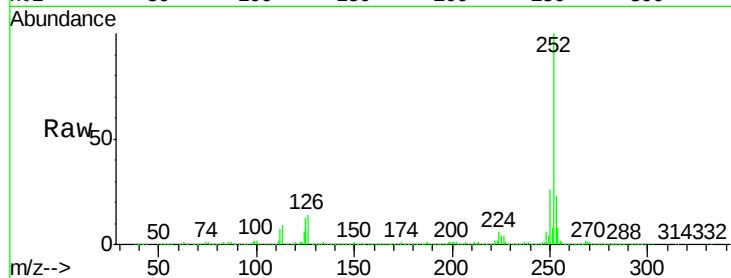




#87
Benzo(b)fluoranthene
Concen: 109.44 ng
RT: 15.05 min Scan# 1134
Delta R.T. 0.01 min
Lab File: BF093182.D
Acq: 25 Feb 2017 10:16

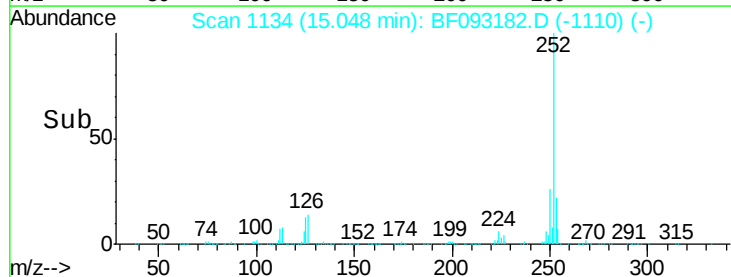
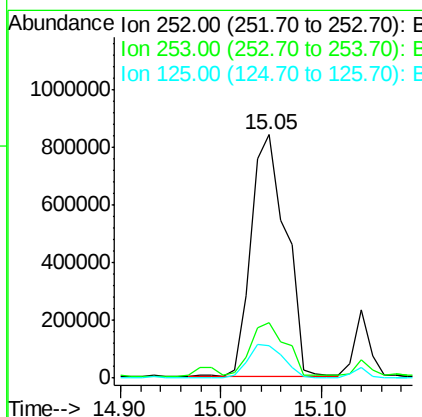
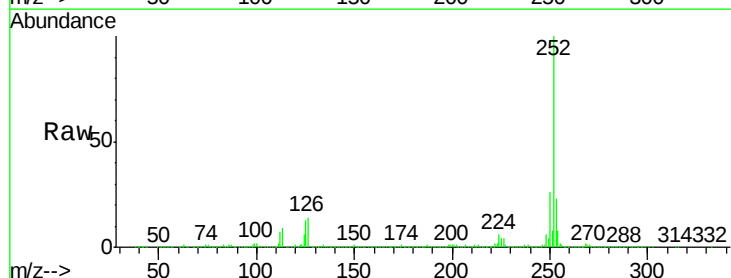
Instrument :
BNA_F
ClientSampleId :
E2B21-BASE-3

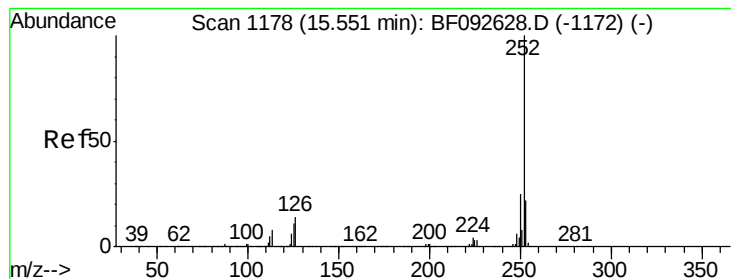
Tgt Ion:252 Resp: 2021727
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.4
125 13.4 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 126.75 ng
RT: 15.05 min Scan# 1134
Delta R.T. -0.02 min
Lab File: BF093182.D
Acq: 25 Feb 2017 10:16

Tgt Ion:252 Resp: 2021727
Ion Ratio Lower Upper
252 100
253 22.9 18.5 27.7
125 13.4 8.9 13.3#





#89

Benzo(a)pyrene

Concen: 72.87 ng

RT: 15.39 min Scan# 1164

Delta R.T. -0.00 min

Lab File: BF093182.D

Acq: 25 Feb 2017 10:16

Instrument :

BNA_F

ClientSampleId :

E2B21-BASE-3

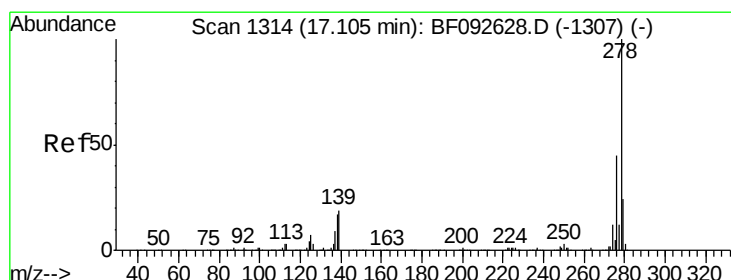
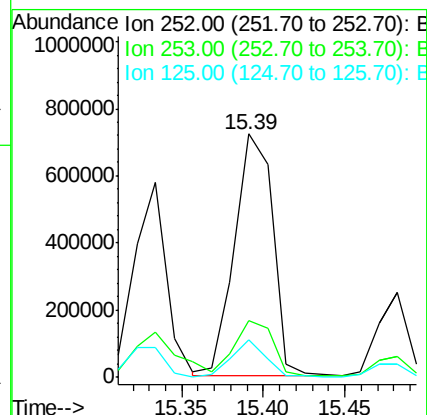
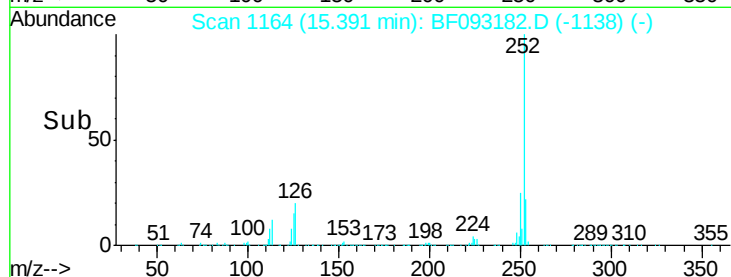
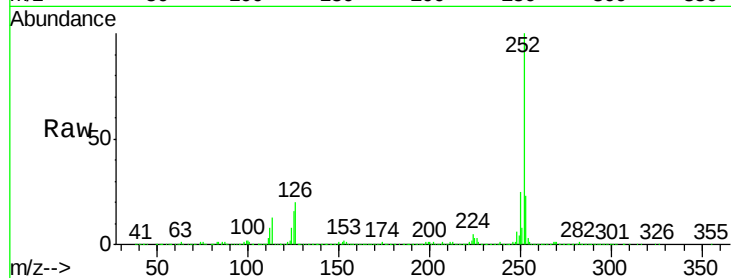
Tgt Ion:252 Resp: 1164348

Ion Ratio Lower Upper

252 100

253 23.4 18.2 27.2

125 15.6 10.0 15.0#



#90

Dibenzo(a,h)anthracene

Concen: 12.66 ng

RT: 16.87 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BF093182.D

Acq: 25 Feb 2017 10:16

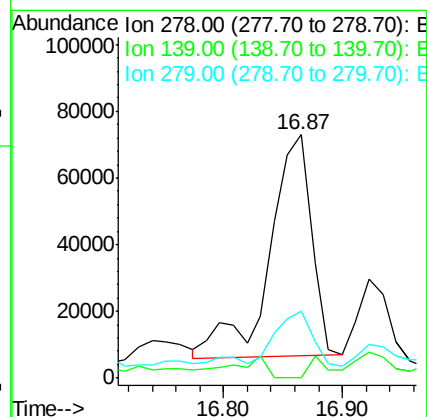
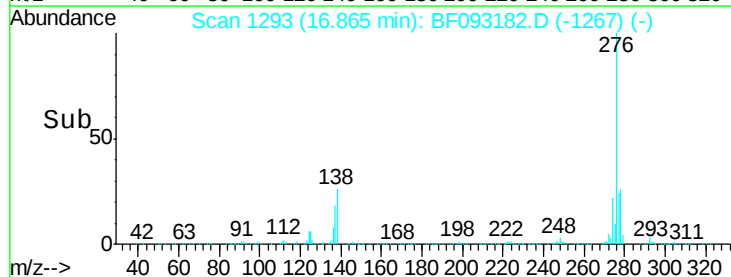
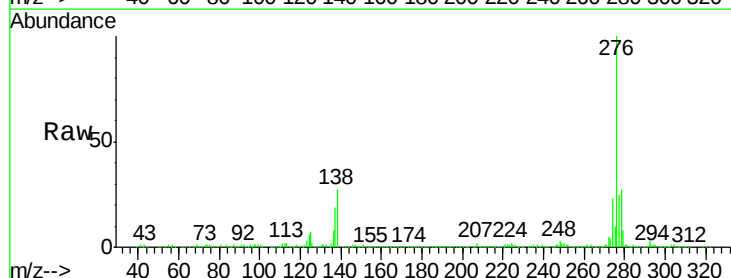
Tgt Ion:278 Resp: 163446

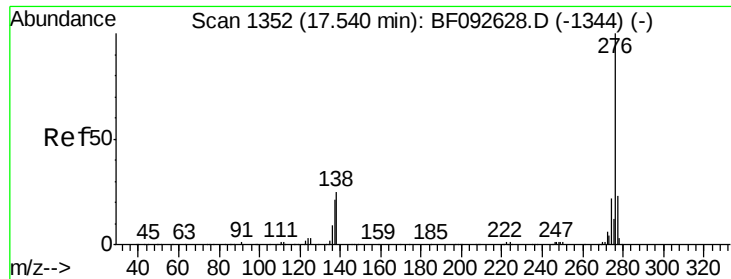
Ion Ratio Lower Upper

278 100

139 0.0 14.8 22.2#

279 27.8 19.8 29.6

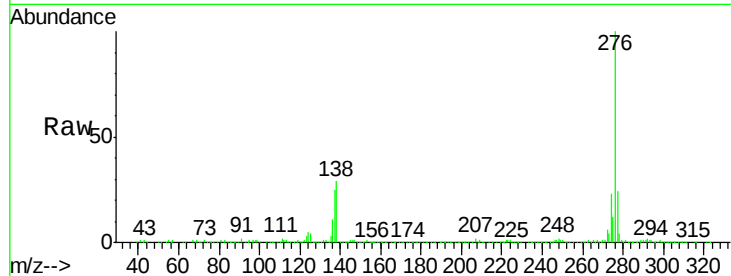




#91
 Benzo(g,h,i)perylene
 Concen: 42.82 ng
 RT: 17.29 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: BF093182.D
 Acq: 25 Feb 2017 10:16

Instrument :
 BNA_F
 ClientSampleId :
 E2B21-BASE-3

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.2	28.8
138	29.1	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

