

Data File : BF093228.D
Acq On : 28 Feb 2017 2:09
Operator : SJ/MA
Sample : I1997-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-B-1E-NSW-1

Quant Time: Feb 28 02:45:17 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	164010	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	608914	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	276187	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	441396	20.00	ng	0.00
75) Chrysene-d12	13.99	240	308168	20.00	ng	0.00
86) Perylene-d12	15.43	264	277997	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	1033706	108.13	ng	0.01
7) Phenol-d6	6.48	99	1454040	118.21	ng	0.00
23) Nitrobenzene-d5	7.39	82	902286	82.52	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	198412	99.33	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	1432230	93.95	ng	0.00
78) Terphenyl-d14	12.93	244	965593	73.62	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.39	70	118305	15.11	ng	# 77
25) Isophorone	7.39	82	876001	42.99	ng	# 65
31) Naphthalene	8.12	128	191347	6.20	ng	99
32) Benzoic acid	7.90	122	2071	7.50	ng	# 50
33) 4-Chloroaniline	8.12	127	25435	2.10	ng	# 34
49) Dimethylphthalate	9.58	163	448513	24.11	ng	98
51) Acenaphthene	9.89	154	100233	6.20	ng	94
54) Dibenzofuran	10.06	168	90863	4.20	ng	# 89
55) 4-Nitrophenol	10.06	139	31547	9.53	ng	# 6
57) Fluorene	10.41	166	88364	5.31	ng	97
64) 4,6-Dinitro-2-methylphenol	10.65	198	460	2.83	ng	# 1
66) 4-Bromophenyl-phenylether	10.65	248	14756	3.20	ng	# 1
70) Phenanthrene	11.37	178	925263	36.59	ng	99
71) Anthracene	11.41	178	304994	12.01	ng	98
72) Carbazole	11.57	167	114486	4.72	ng	99
74) Fluoranthene	12.56	202	1275039	48.88	ng	97
77) Pyrene	12.78	202	1117317	48.45	ng	99
80) Benzo(a)anthracene	13.99	228	764793	40.58	ng	98
82) Chrysene	14.02	228	590901	33.48	ng	97
85) Indeno(1,2,3-cd)pyrene	16.82	276	333459	24.40	ng	97
87) Benzo(b)fluoranthene	15.01	252	1114208	60.89	ng	# 97
88) Benzo(k)fluoranthene	15.01	252	1114208	70.53	ng	# 97
89) Benzo(a)pyrene	15.37	252	603536	38.13	ng	98
90) Dibenzo(a,h)anthracene	16.82	278	98929	7.73	ng	# 77
91) Benzo(g,h,i)perylene	17.24	276	305340	23.63	ng	# 90

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

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Instrument :

BNA_F

ClientSampled :

E2-B-1E-NSW-1

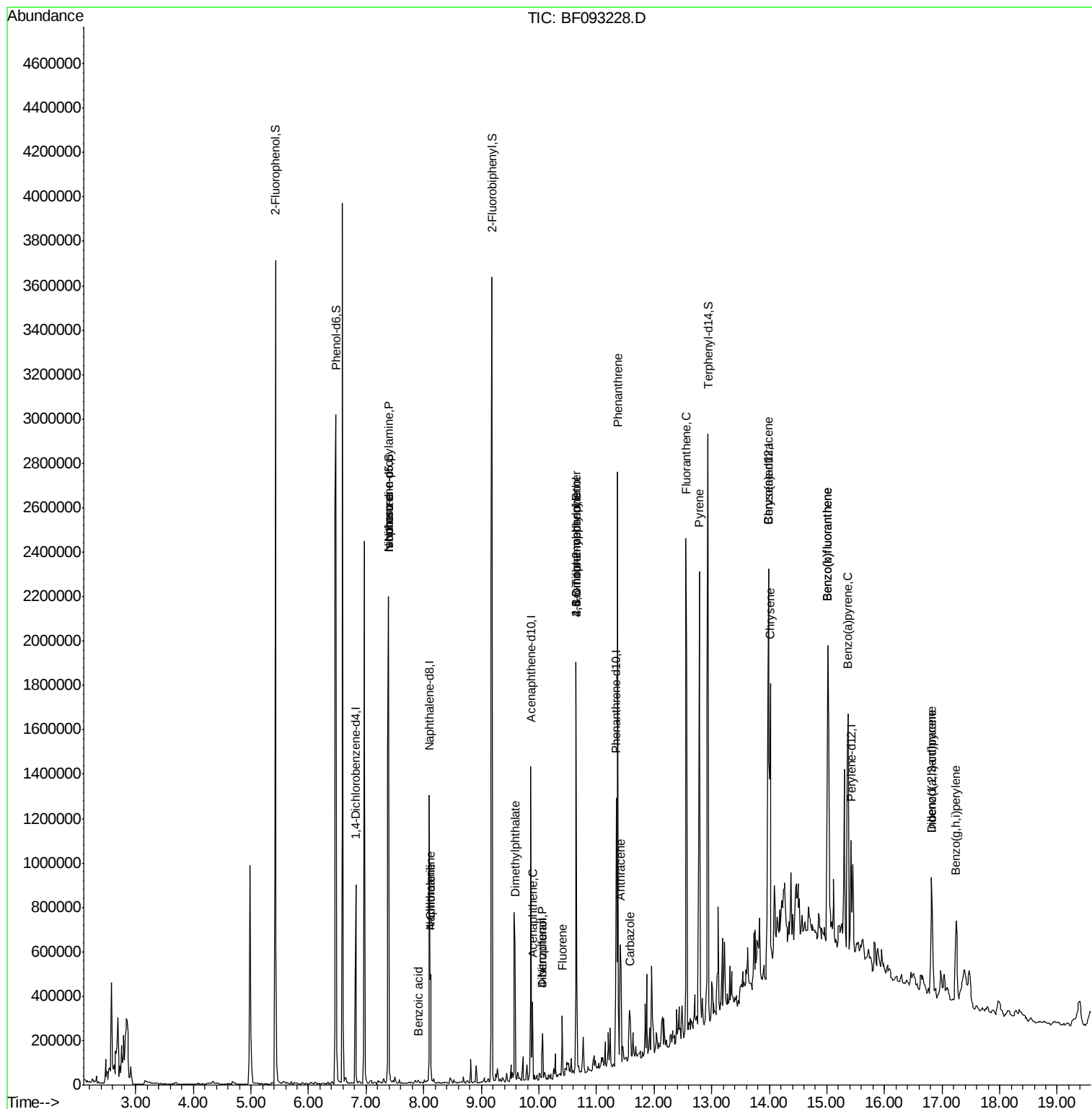
Quant Time: Feb 28 02:45:17 2017

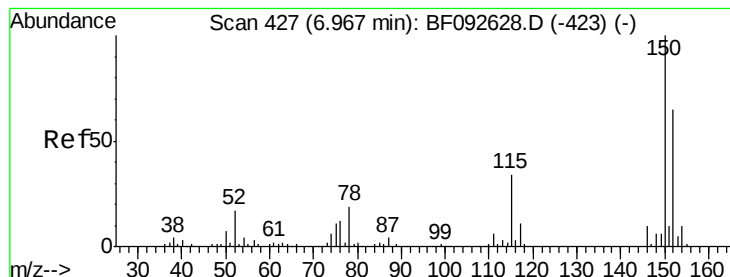
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 414

Delta R.T. -0.00 min

Lab File: BF093228.D

Acq: 28 Feb 2017 2:09

Instrument :

BNA_F

ClientSampleId :

E2-B-1E-NSW-1

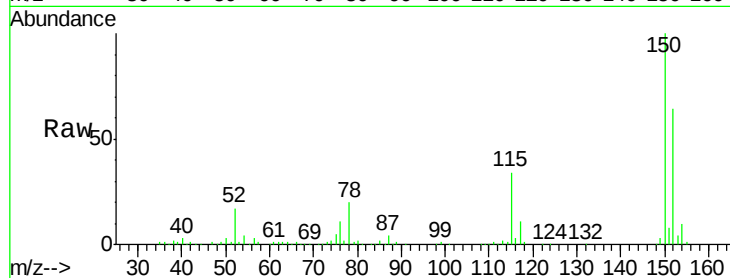
Tgt Ion:152 Resp: 164010

Ion Ratio Lower Upper

152 100

150 155.8 124.9 187.3

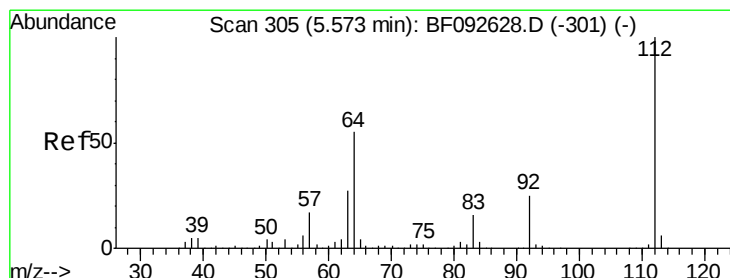
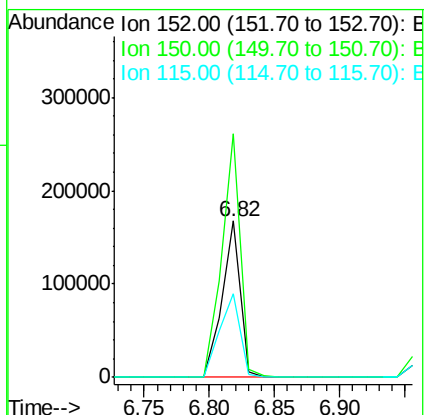
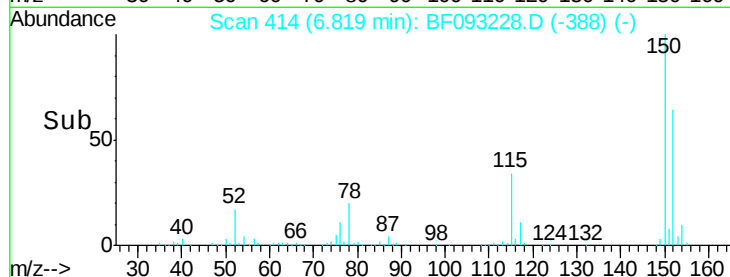
115 53.2 46.0 69.0



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: 108.13 ng

RT: 5.42 min Scan# 292

Delta R.T. 0.01 min

Lab File: BF093228.D

Acq: 28 Feb 2017 2:09

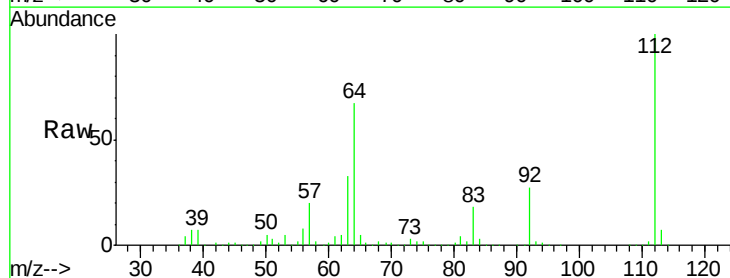
Tgt Ion:112 Resp: 1033706

Ion Ratio Lower Upper

112 100

64 66.8 46.1 69.1

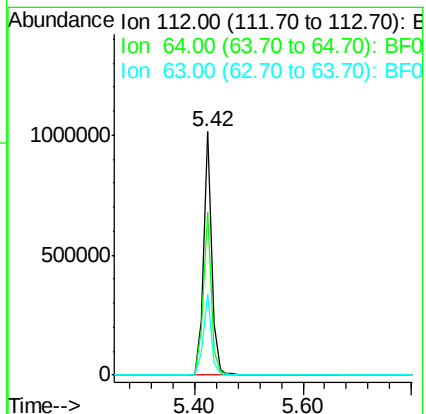
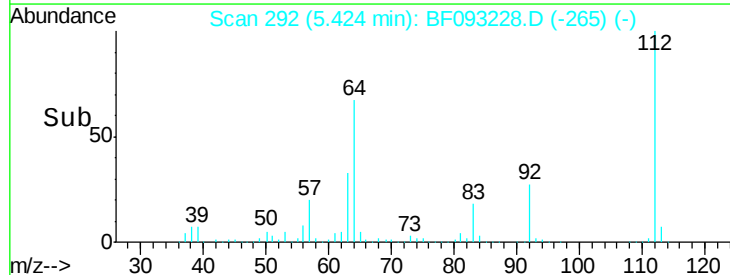
63 33.3 23.8 35.6

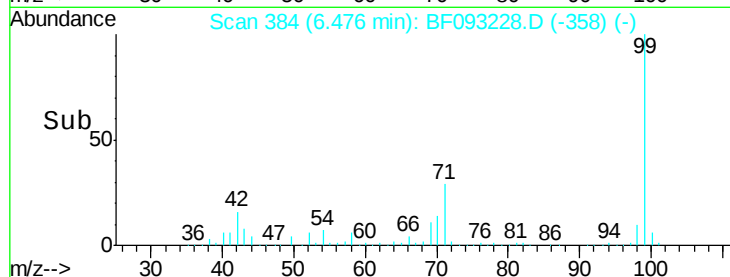
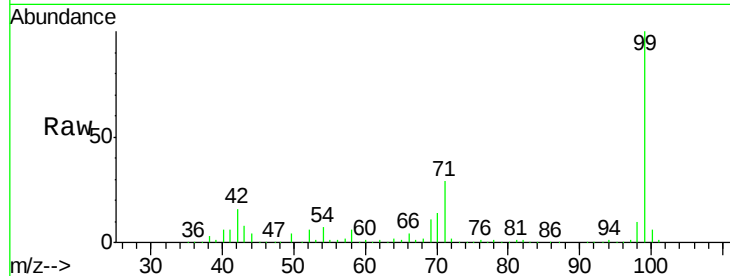


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 118.21 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF093228.D

Acq: 28 Feb 2017 2:09

Instrument :

BNA_F

ClientSampleId :

E2-B-1E-NSW-1

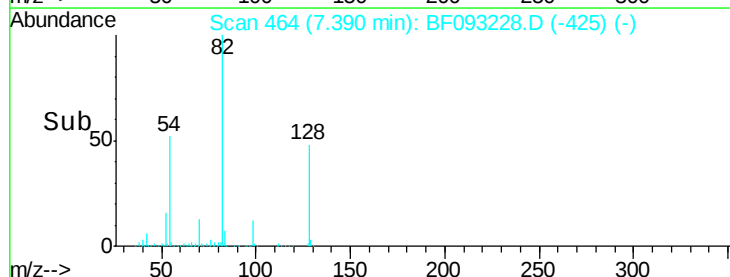
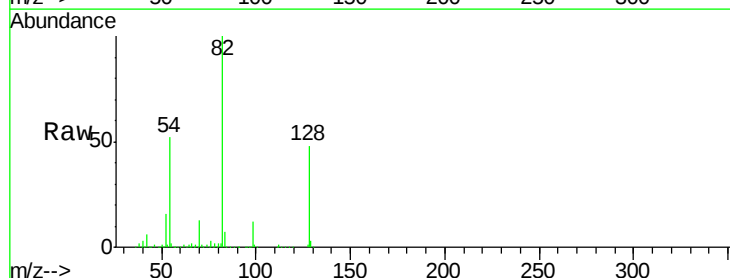
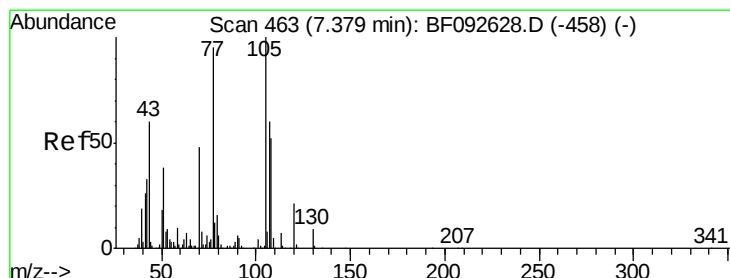
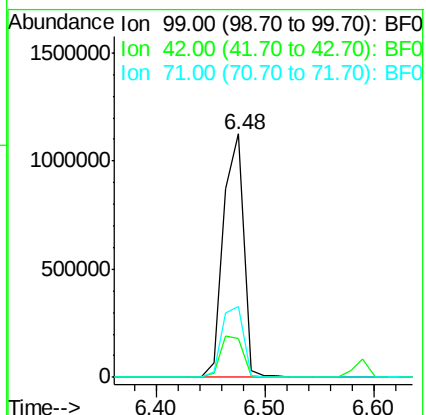
Tgt Ion: 99 Resp: 1454040

Ion Ratio Lower Upper

99 100

42 16.1 15.6 23.4

71 29.1 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 15.11 ng

RT: 7.39 min Scan# 464

Delta R.T. 0.15 min

Lab File: BF093228.D

Acq: 28 Feb 2017 2:09

Tgt Ion: 70 Resp: 118305

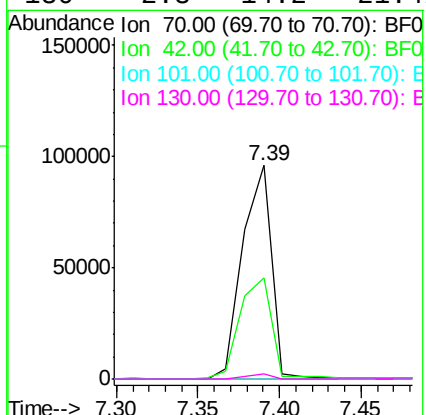
Ion Ratio Lower Upper

70 100

42 47.2 49.4 74.0#

101 0.0 7.4 11.2#

130 2.3 14.2 21.4#

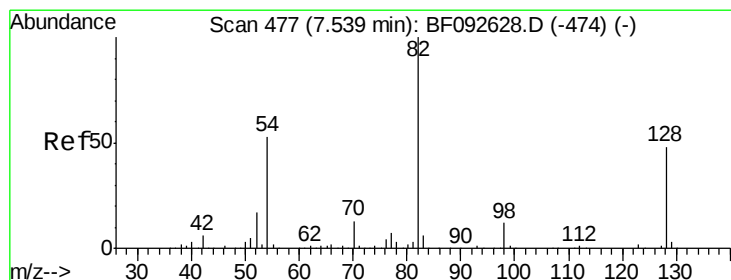
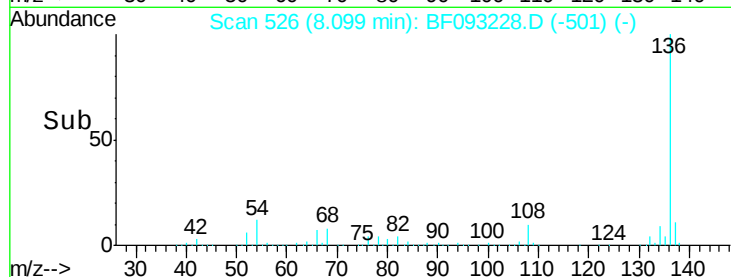
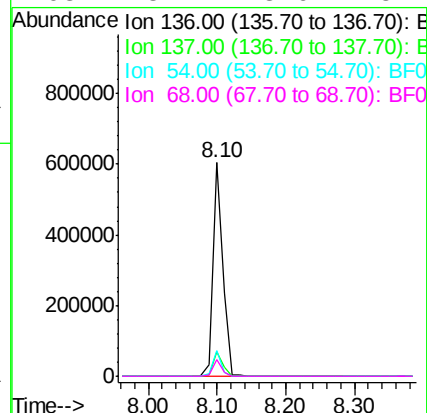
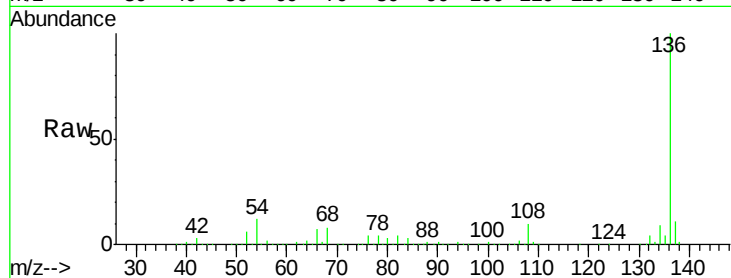




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.01 min
Lab File: BF093228.D
Acq: 28 Feb 2017 2:09

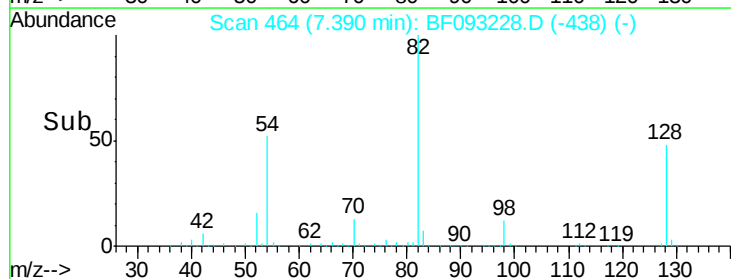
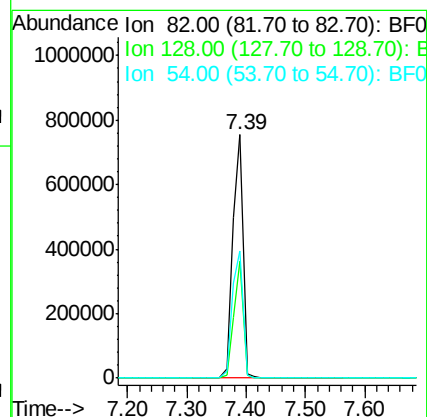
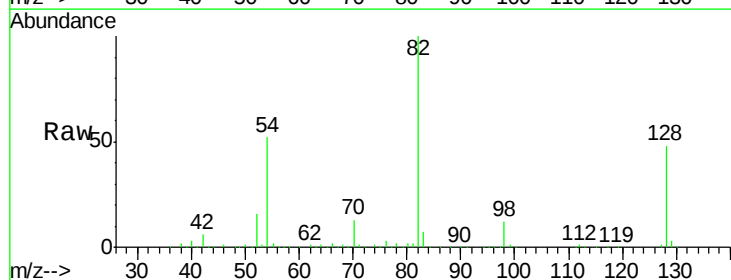
Instrument :
BNA_F
ClientSampleId :
E2-B-1E-NSW-1

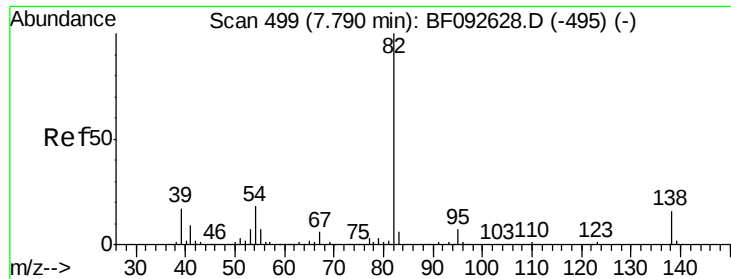
Tgt Ion:	136	Resp:	608914
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	12.0	4.5	6.7#
68	8.1	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 82.52 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF093228.D
Acq: 28 Feb 2017 2:09

Tgt Ion:	82	Resp:	902286
Ion	Ratio	Lower	Upper
82	100		
128	47.9	34.6	52.0
54	52.0	39.5	59.3





#25

Isophorone

Concen: 42.99 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.26 min

Lab File: BF093228.D

Acq: 28 Feb 2017 2:09

Instrument :

BNA_F

ClientSampleId :

E2-B-1E-NSW-1

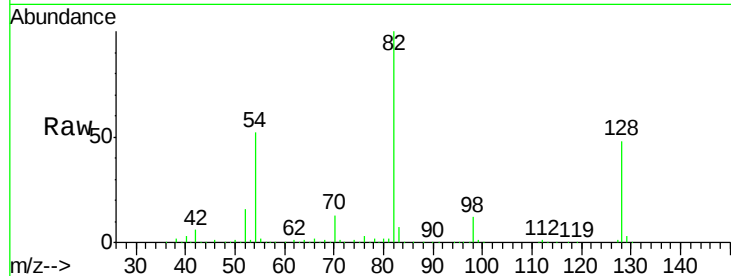
Tgt Ion: 82 Resp: 876001

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

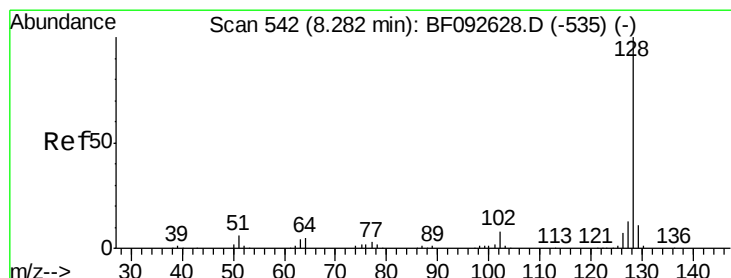
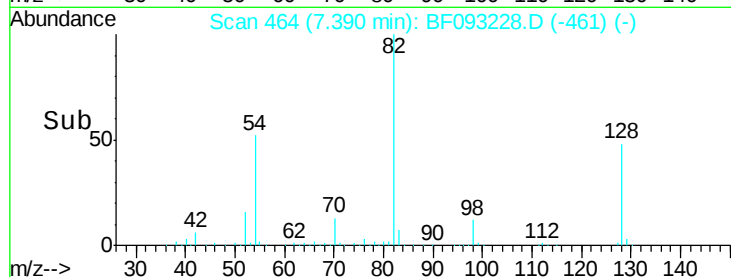
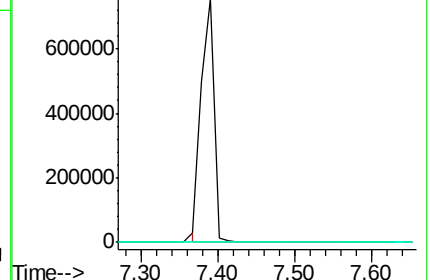
138 0.0 14.6 22.0#



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: 6.20 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.01 min

Lab File: BF093228.D

Acq: 28 Feb 2017 2:09

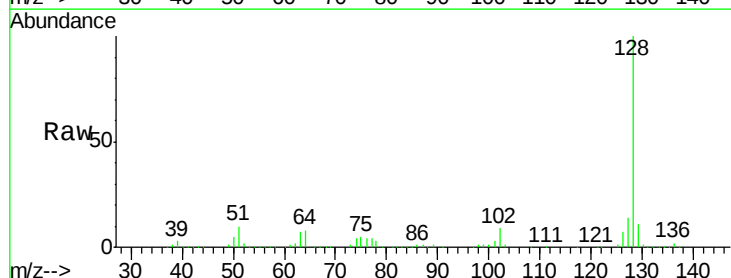
Tgt Ion: 128 Resp: 191347

Ion Ratio Lower Upper

128 100

129 11.2 9.5 14.3

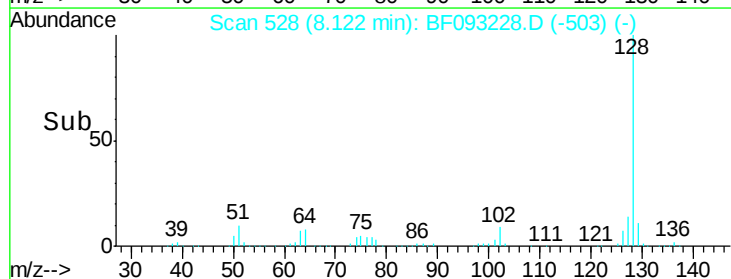
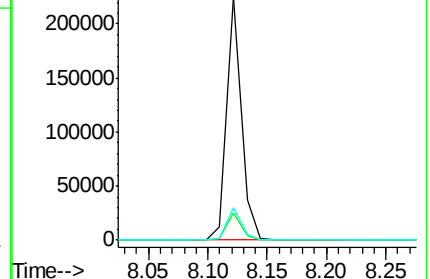
127 13.5 10.8 16.2

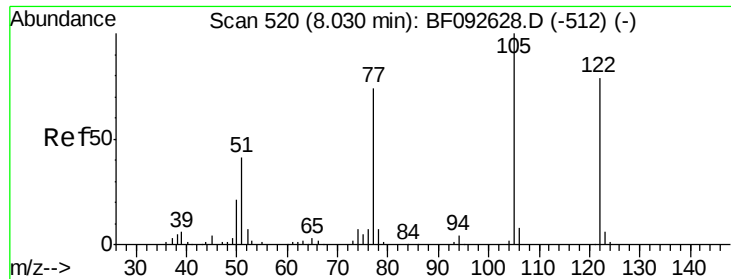


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

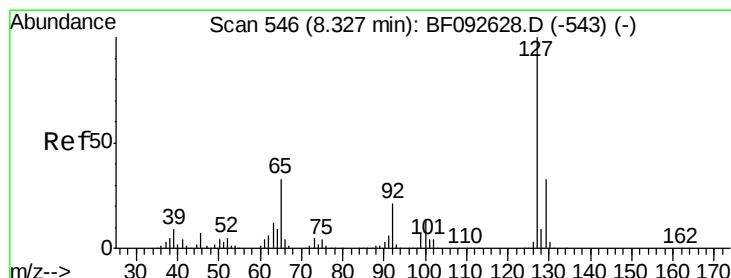
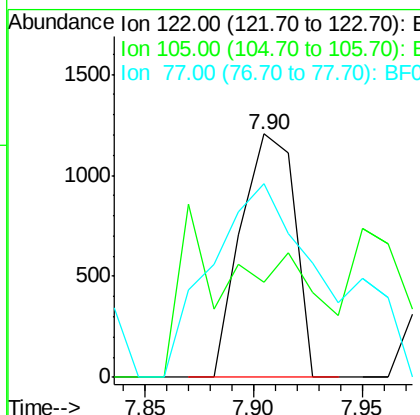
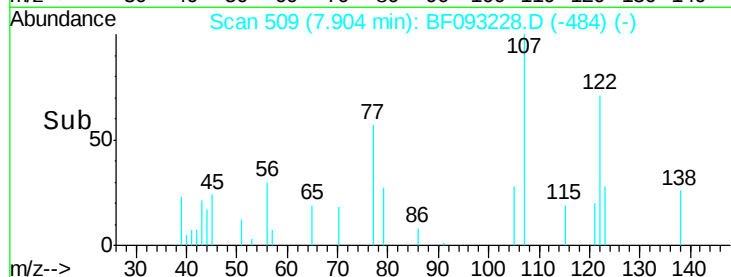
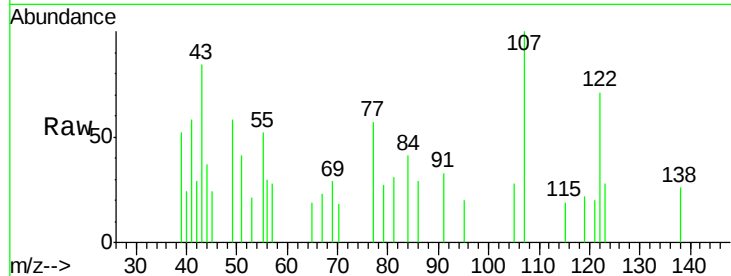




#32
Benzoic acid
Concen: 7.50 ng
RT: 7.90 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF093228.D
Acq: 28 Feb 2017 2:09

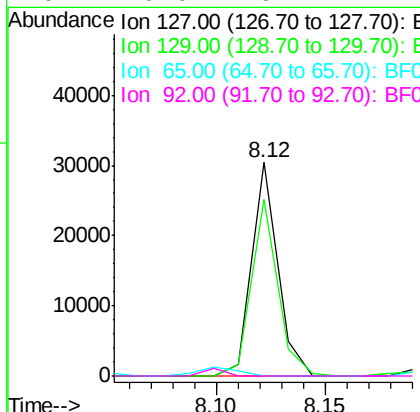
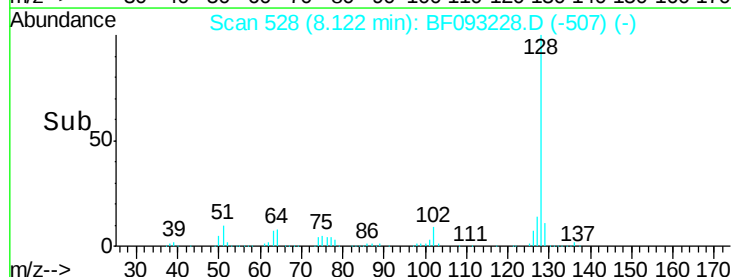
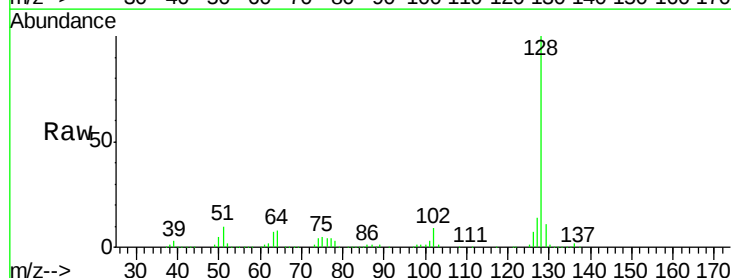
Instrument :
BNA_F
ClientSampleId :
E2-B-1E-NSW-1

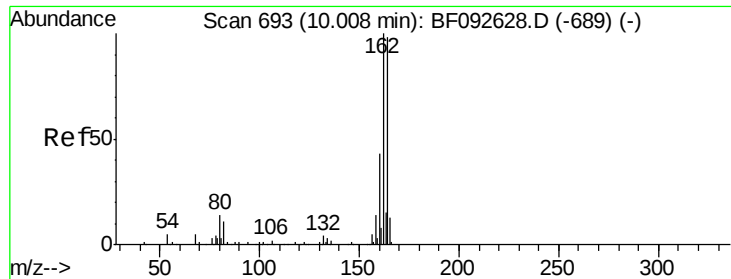
Tgt Ion:122 Resp: 2071
Ion Ratio Lower Upper
122 100
105 39.1 107.2 147.2#
77 79.6 74.5 114.5



#33
4-Chloroaniline
Concen: 2.10 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.06 min
Lab File: BF093228.D
Acq: 28 Feb 2017 2:09

Tgt Ion:127 Resp: 25435
Ion Ratio Lower Upper
127 100
129 82.9 26.3 39.5#
65 0.0 25.8 38.8#
92 0.0 16.1 24.1#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF093228.D

Acq: 28 Feb 2017 2:09

Instrument :

BNA_F

ClientSampleId :

E2-B-1E-NSW-1

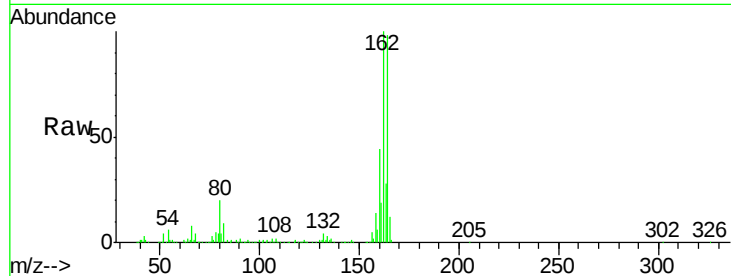
Tgt Ion:164 Resp: 276187

Ion Ratio Lower Upper

164 100

162 102.5 80.2 120.2

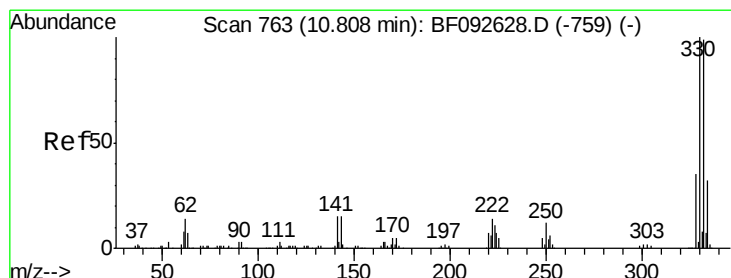
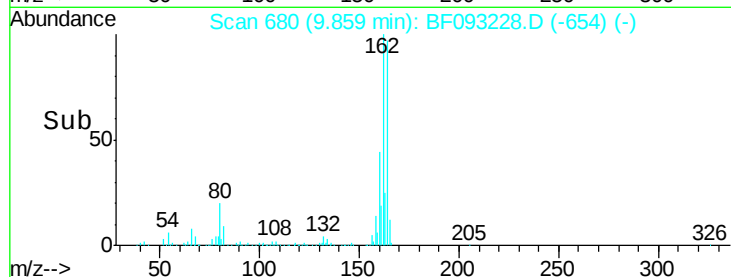
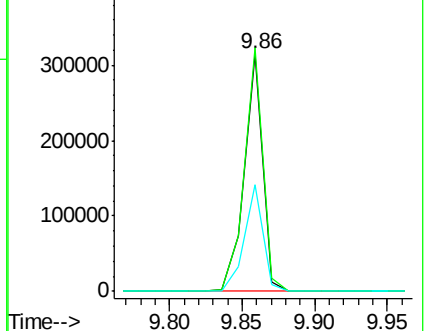
160 44.8 36.9 55.3



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: 99.33 ng

RT: 10.65 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF093228.D

Acq: 28 Feb 2017 2:09

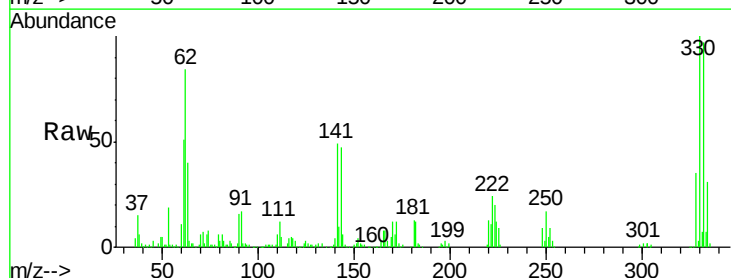
Tgt Ion:330 Resp: 198412

Ion Ratio Lower Upper

330 100

332 97.2 77.4 116.2

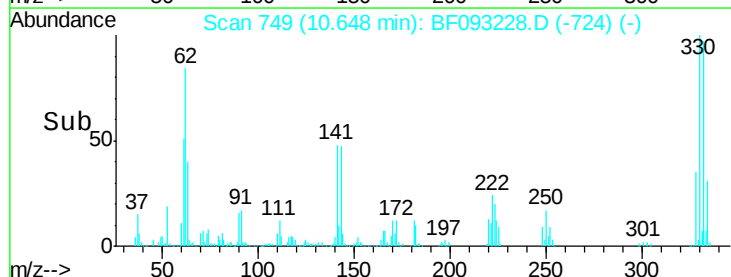
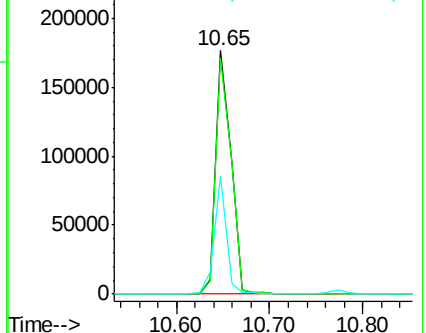
141 39.0 34.1 51.1

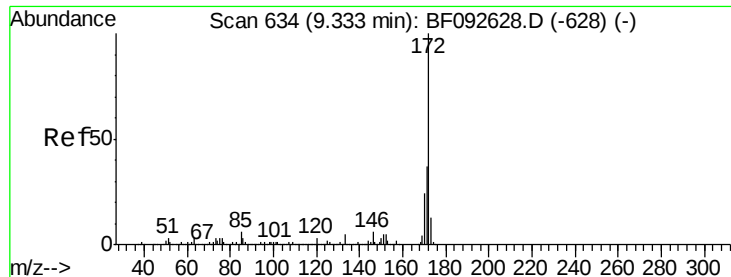


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

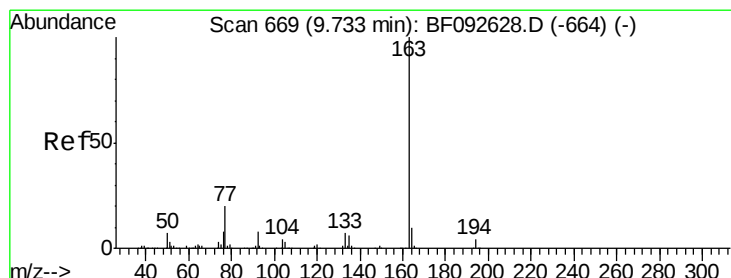
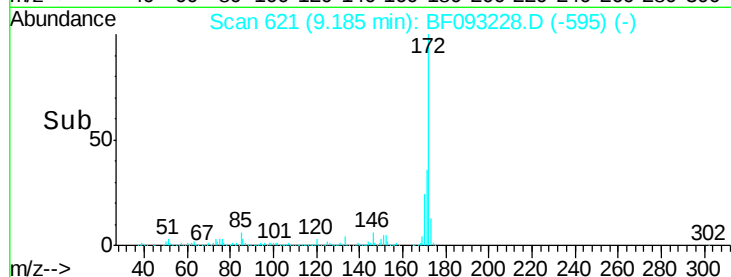
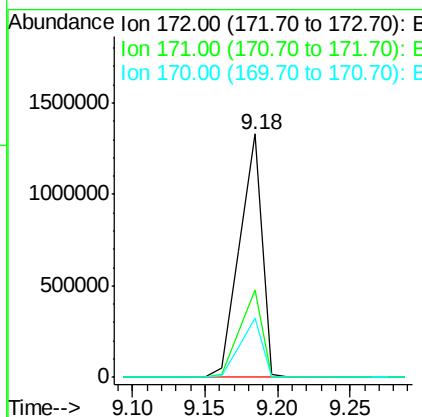
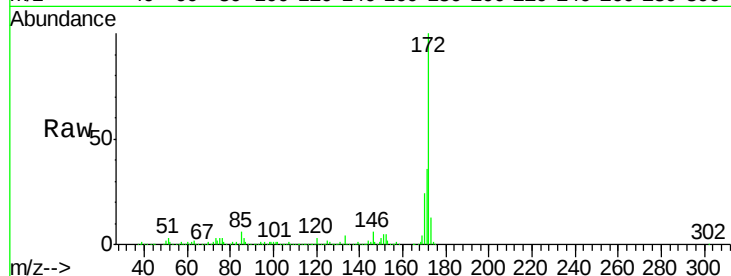




#44
 2-Fluorobiphenyl
 Concen: 93.95 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: BF093228.D
 Acq: 28 Feb 2017 2:09

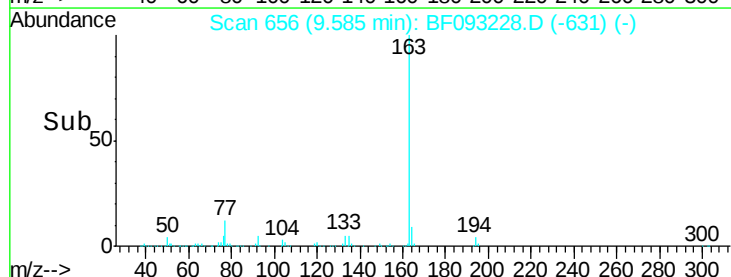
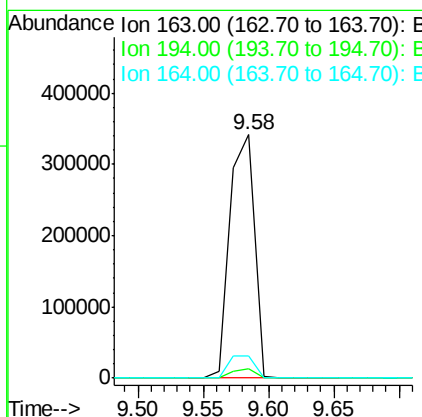
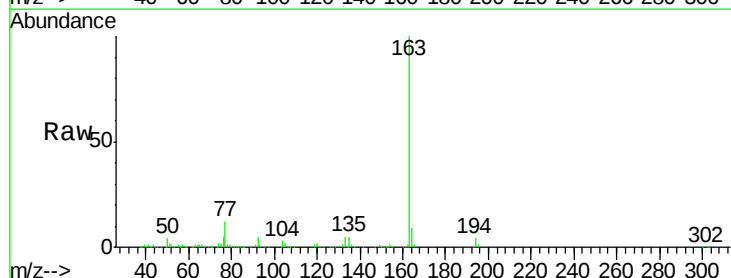
Instrument :
 BNA_F
 ClientSampleId :
 E2-B-1E-NSW-1

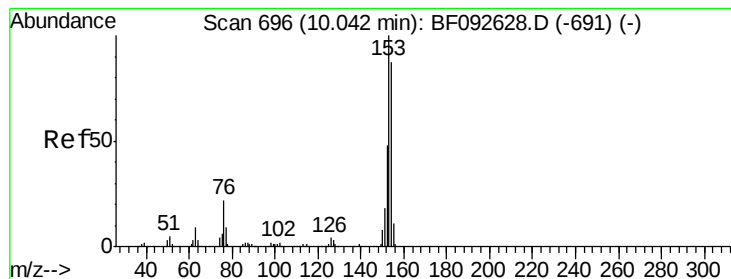
Tgt Ion:172 Resp: 1432230
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.4 44.0
 170 24.3 20.2 30.4



#49
 Dimethylphthalate
 Concen: 24.11 ng
 RT: 9.58 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: BF093228.D
 Acq: 28 Feb 2017 2:09

Tgt Ion:163 Resp: 448513
 Ion Ratio Lower Upper
 163 100
 194 4.1 3.0 4.4
 164 9.3 8.0 12.0





#51

Acenaphthene

Concen: 6.20 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF093228.D

Acq: 28 Feb 2017 2:09

Instrument :

BNA_F

ClientSampleId :

E2-B-1E-NSW-1

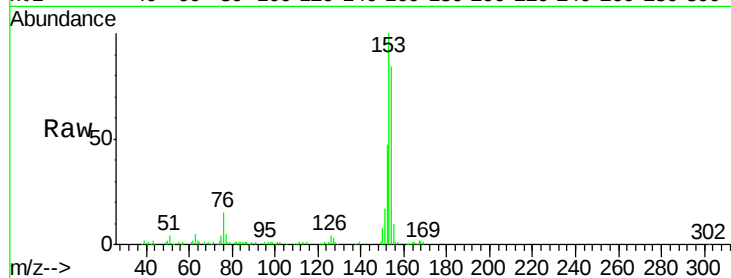
Tgt Ion:154 Resp: 100233

Ion Ratio Lower Upper

154 100

153 118.3 88.6 133.0

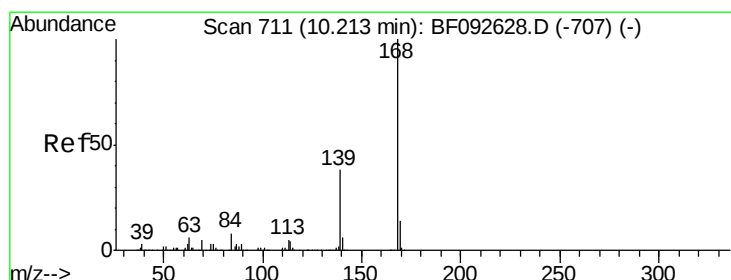
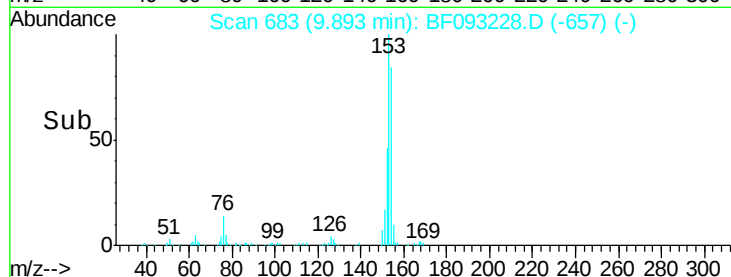
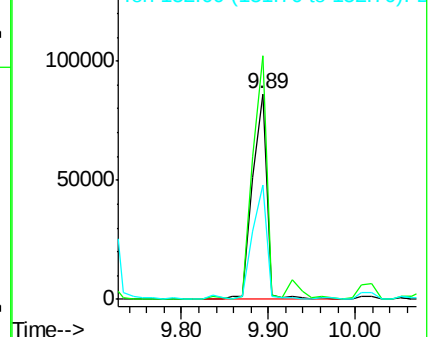
152 55.3 41.6 62.4



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



#54

Dibenzofuran

Concen: 4.20 ng

RT: 10.06 min Scan# 698

Delta R.T. -0.00 min

Lab File: BF093228.D

Acq: 28 Feb 2017 2:09

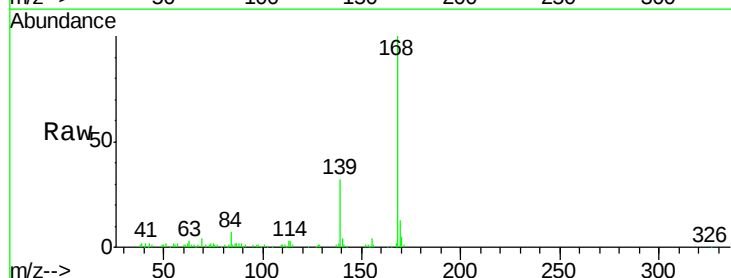
Tgt Ion:168 Resp: 90863

Ion Ratio Lower Upper

168 100

139 32.1 32.6 49.0#

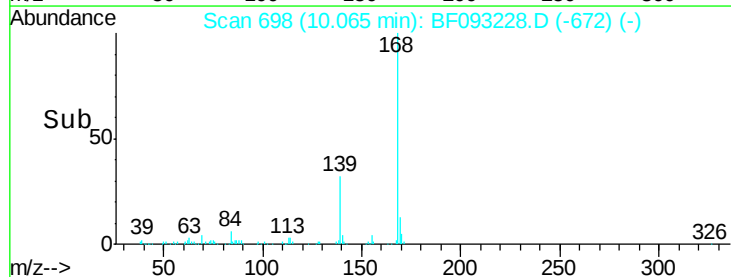
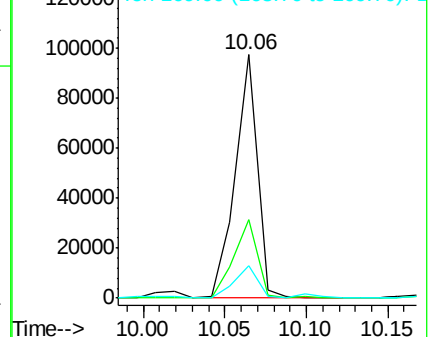
169 13.2 11.3 16.9

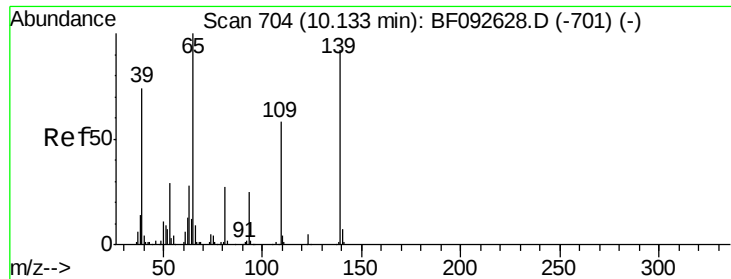


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 9.53 ng

RT: 10.06 min Scan# 698

Delta R.T. 0.06 min

Lab File: BF093228.D

Acq: 28 Feb 2017 2:09

Instrument :

BNA_F

ClientSampleId :

E2-B-1E-NSW-1

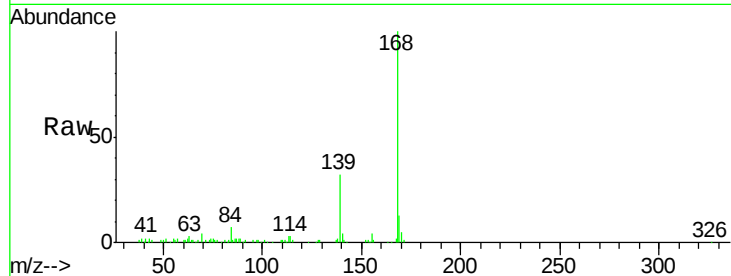
Tgt Ion:139 Resp: 31547

Ion Ratio Lower Upper

139 100

109 1.8 52.2 92.2#

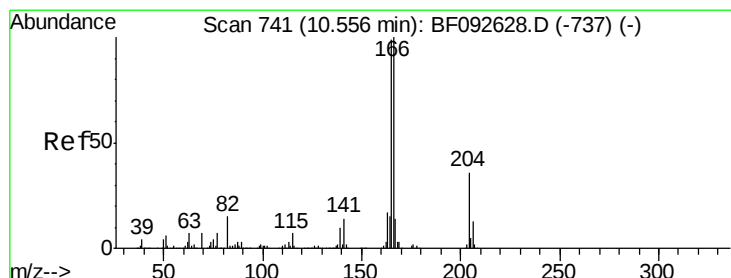
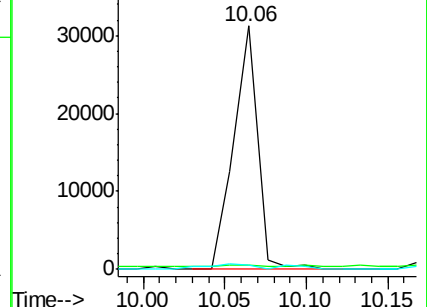
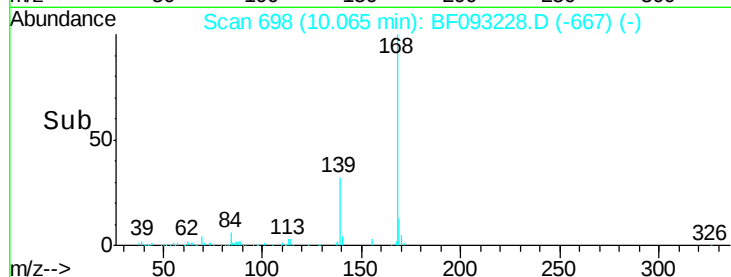
65 1.9 85.8 125.8#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#57

Fluorene

Concen: 5.31 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF093228.D

Acq: 28 Feb 2017 2:09

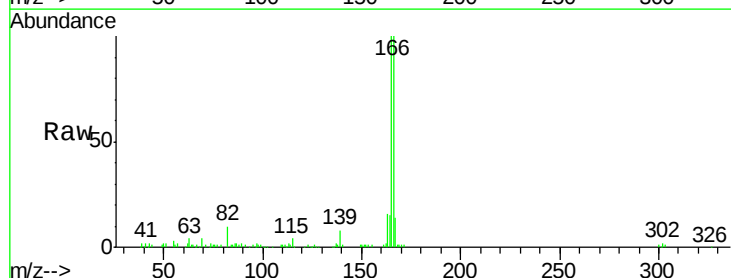
Tgt Ion:166 Resp: 88364

Ion Ratio Lower Upper

166 100

165 100.1 77.8 116.8

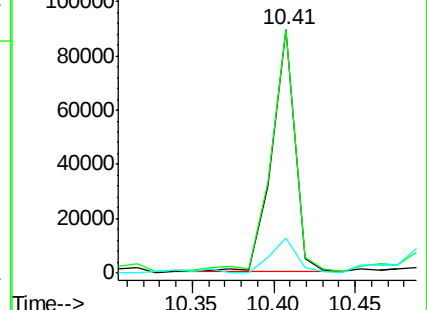
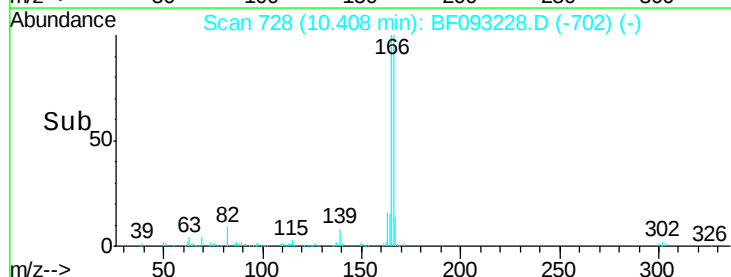
167 14.3 10.8 16.2

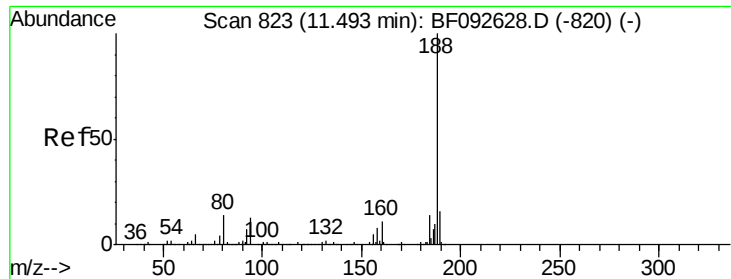


Abundance Ion 166.00 (165.70 to 166.70): E

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: BF093228.D

Acq: 28 Feb 2017 2:09

Instrument :

BNA_F

ClientSampleId :

E2-B-1E-NSW-1

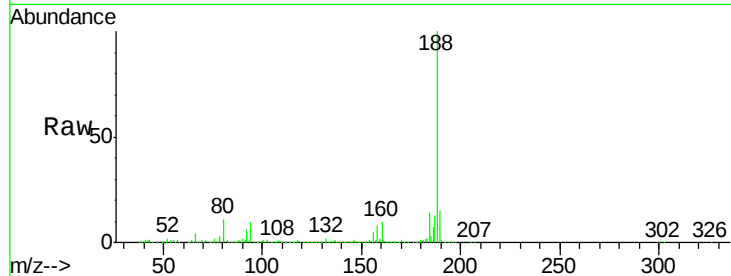
Tgt Ion:188 Resp: 441396

Ion Ratio Lower Upper

188 100

94 10.5 10.0 15.0

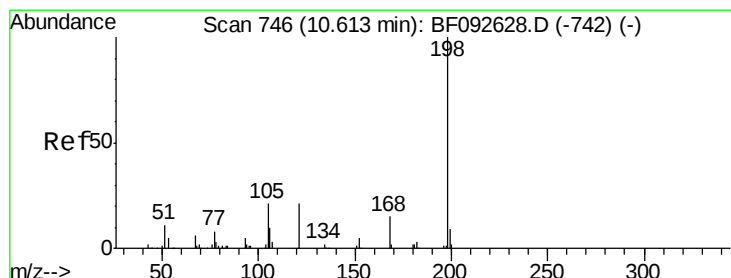
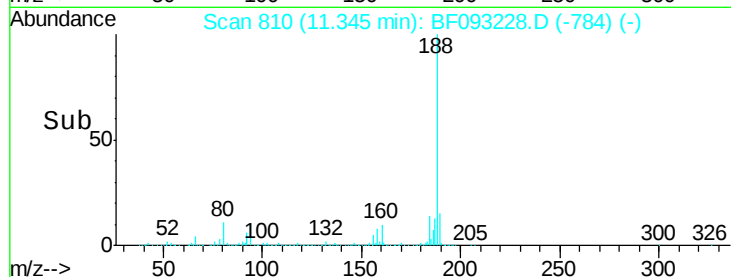
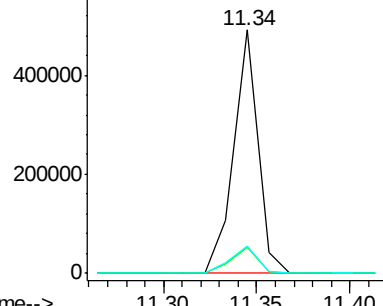
80 11.0 11.2 16.8#



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: 2.83 ng

RT: 10.65 min Scan# 749

Delta R.T. 0.17 min

Lab File: BF093228.D

Acq: 28 Feb 2017 2:09

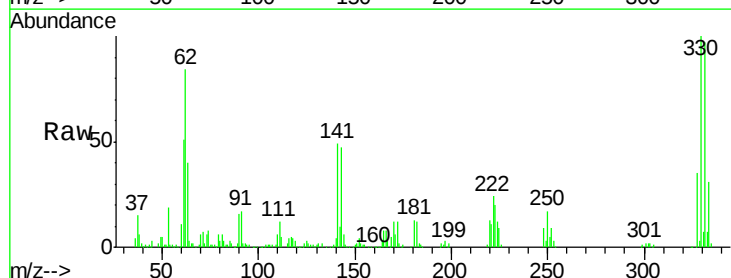
Tgt Ion:198 Resp: 460

Ion Ratio Lower Upper

198 100

51 303.1 6.7 46.7#

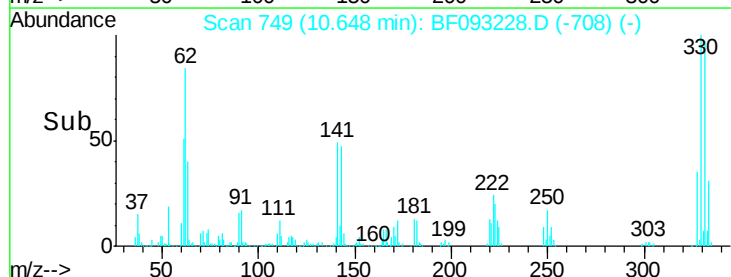
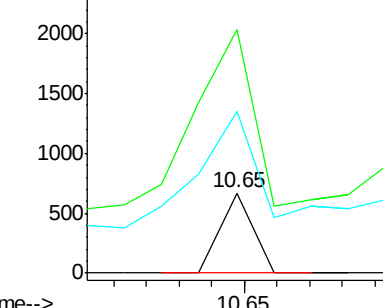
105 201.9 16.6 56.6#

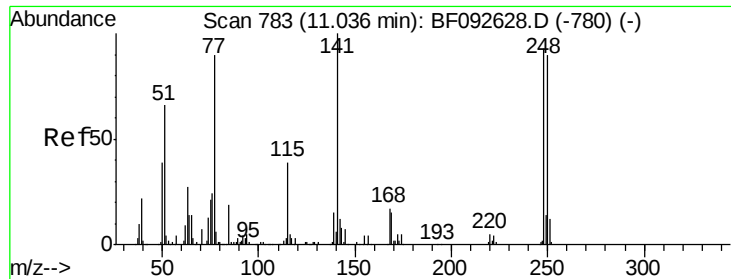


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

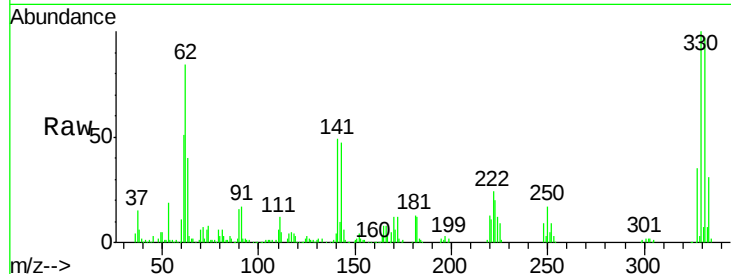




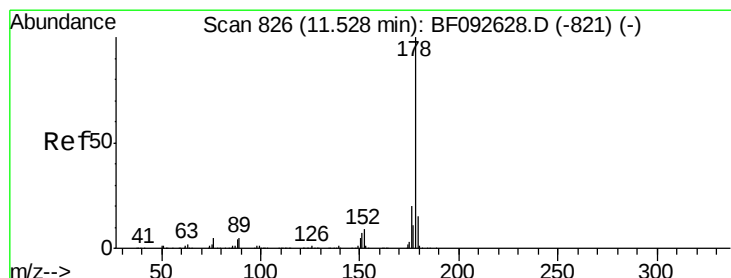
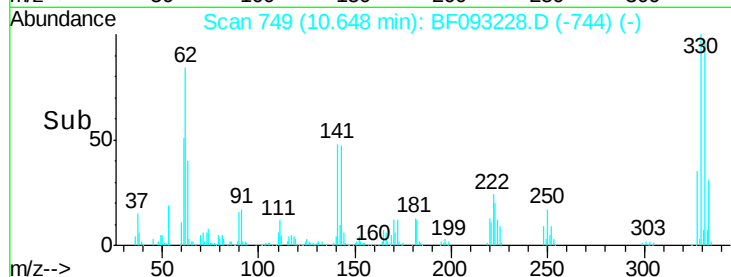
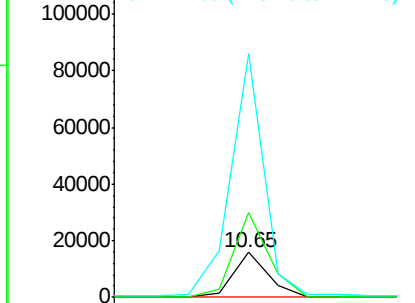
#66
 4-Bromophenyl-phenylether
 Concen: 3.20 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.24 min
 Lab File: BF093228.D
 Acq: 28 Feb 2017 2:09

Instrument :
 BNA_F
 ClientSampleId :
 E2-B-1E-NSW-1

Tgt Ion:248 Resp: 14756
 Ion Ratio Lower Upper
 248 100
 250 188.3 76.9 115.3#
 141 541.1 68.2 102.4#

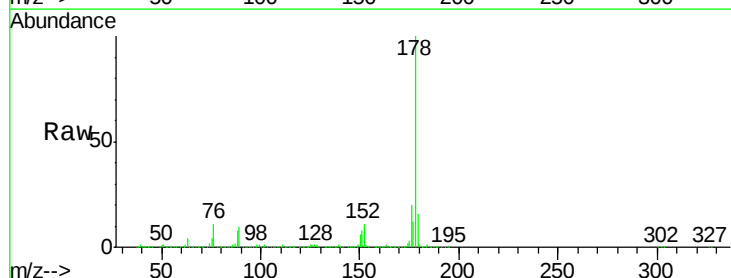


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

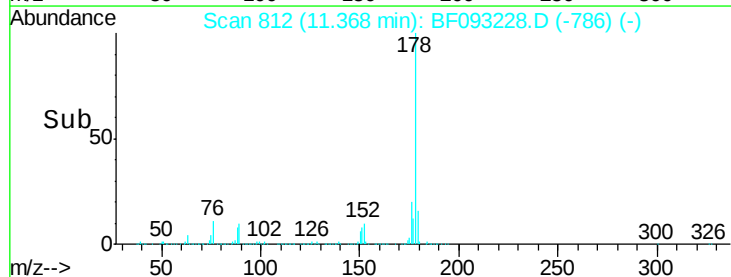
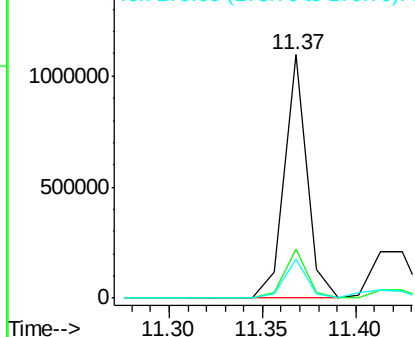


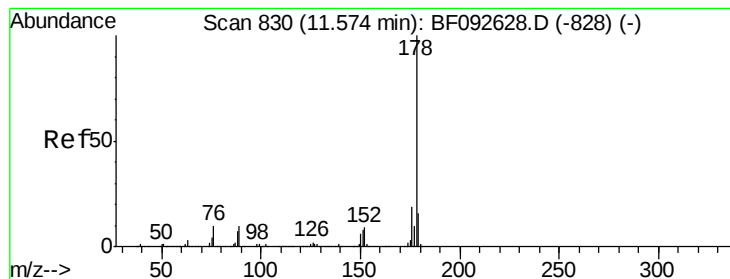
#70
 Phenanthrene
 Concen: 36.59 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF093228.D
 Acq: 28 Feb 2017 2:09

Tgt Ion:178 Resp: 925263
 Ion Ratio Lower Upper
 178 100
 176 20.0 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: 12.01 ng

RT: 11.41 min Scan# 816

Delta R.T. -0.01 min

Lab File: BF093228.D

Acq: 28 Feb 2017 2:09

Instrument :

BNA_F

ClientSampleId :

E2-B-1E-NSW-1

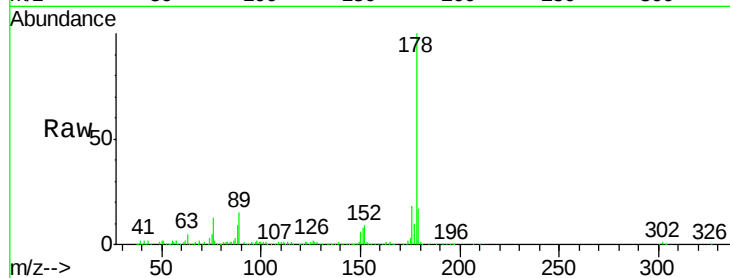
Tgt Ion:178 Resp: 304994

Ion Ratio Lower Upper

178 100

176 18.3 15.9 23.9

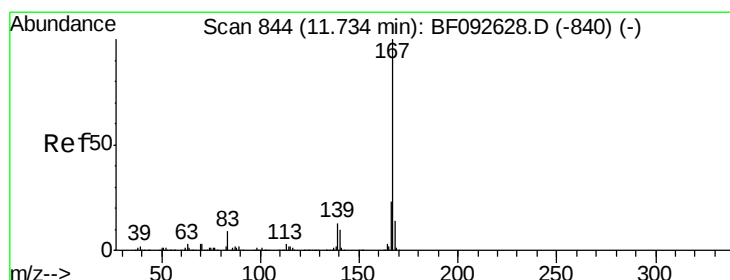
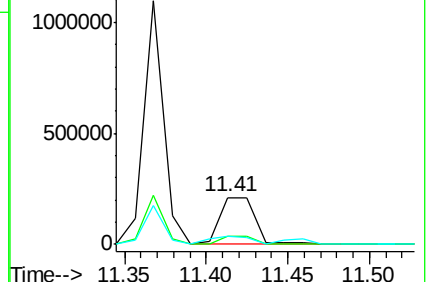
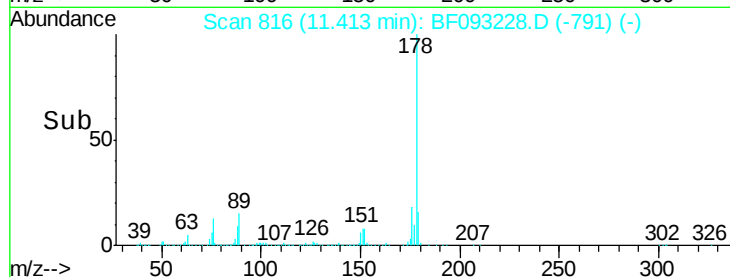
179 16.6 13.2 19.8



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: 4.72 ng

RT: 11.57 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF093228.D

Acq: 28 Feb 2017 2:09

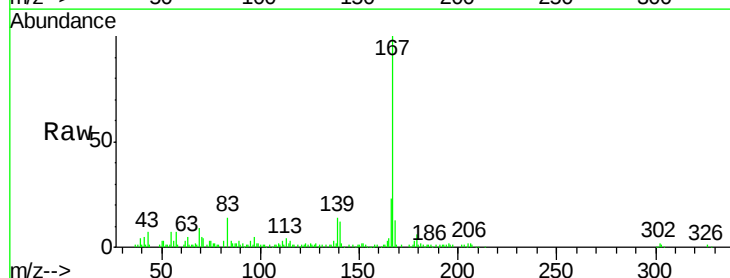
Tgt Ion:167 Resp: 114486

Ion Ratio Lower Upper

167 100

166 23.2 18.2 27.2

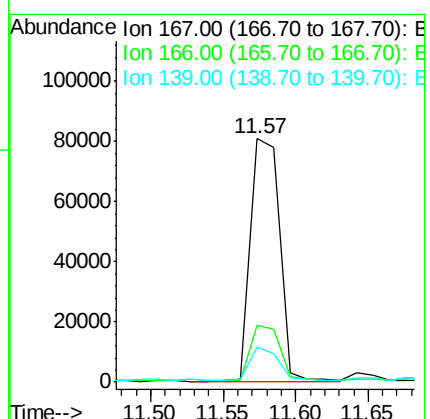
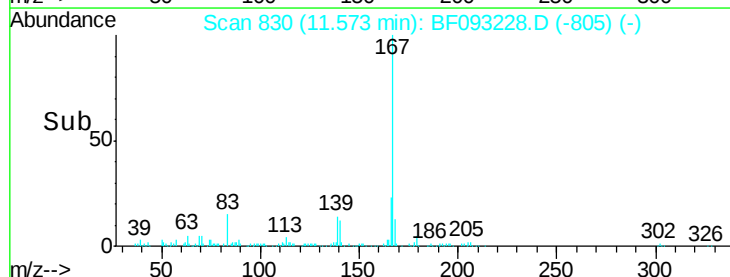
139 14.4 11.4 17.2

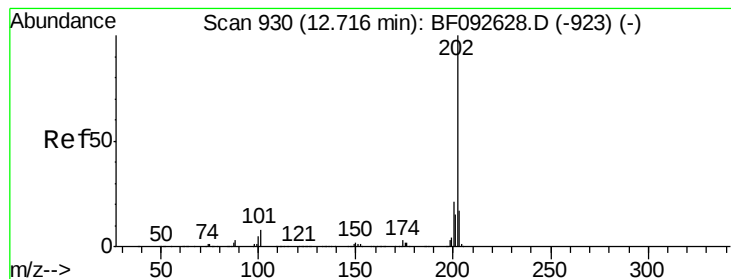


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 48.88 ng

RT: 12.56 min Scan# 916

Delta R.T. -0.00 min

Lab File: BF093228.D

Acq: 28 Feb 2017 2:09

Instrument :

BNA_F

ClientSampleId :

E2-B-1E-NSW-1

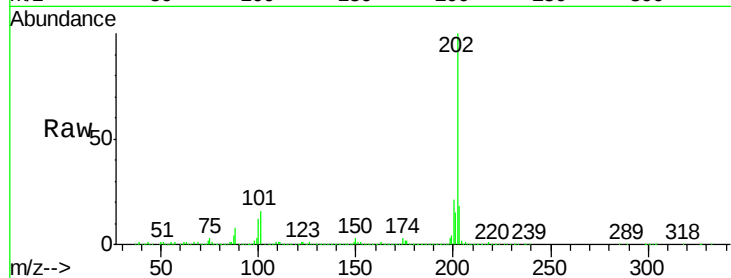
Tgt Ion:202 Resp: 1275039

Ion Ratio Lower Upper

202 100

101 16.4 0.0 34.6

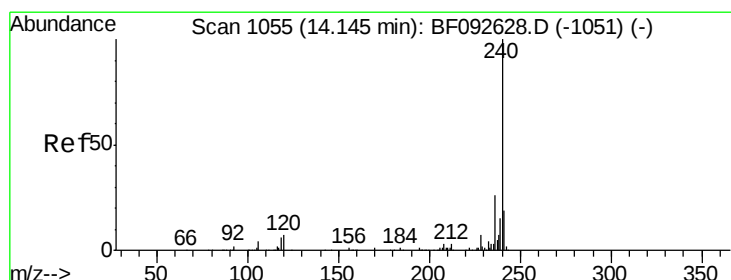
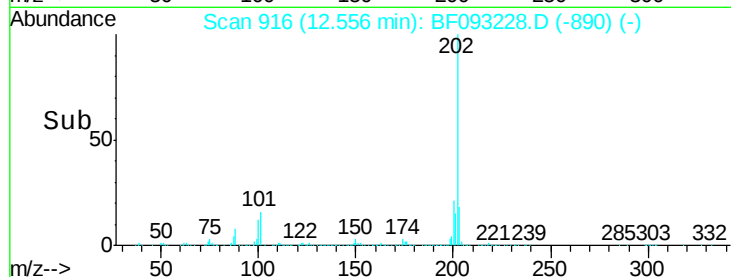
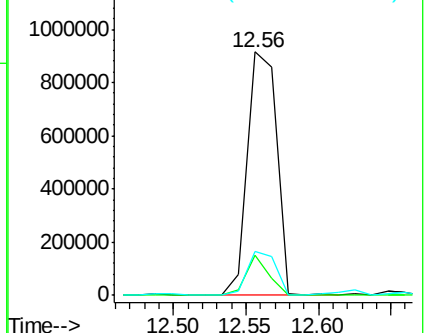
203 18.2 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF093228.D

Acq: 28 Feb 2017 2:09

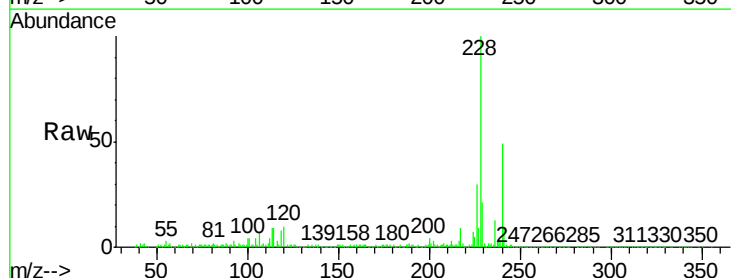
Tgt Ion:240 Resp: 308168

Ion Ratio Lower Upper

240 100

120 20.5 12.9 19.3#

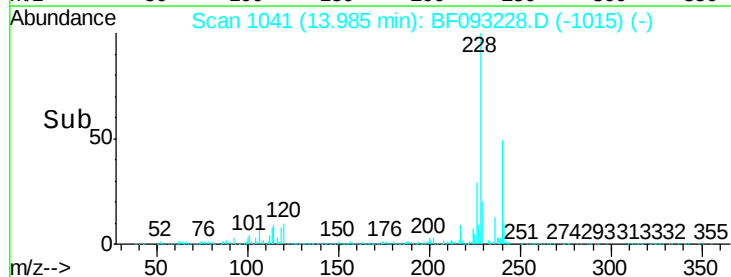
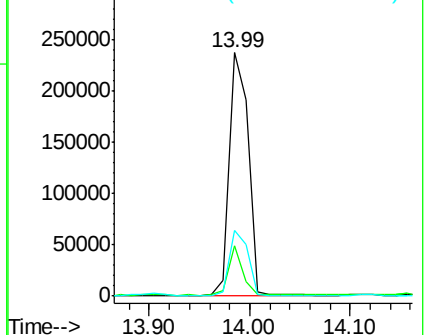
236 27.1 20.9 31.3

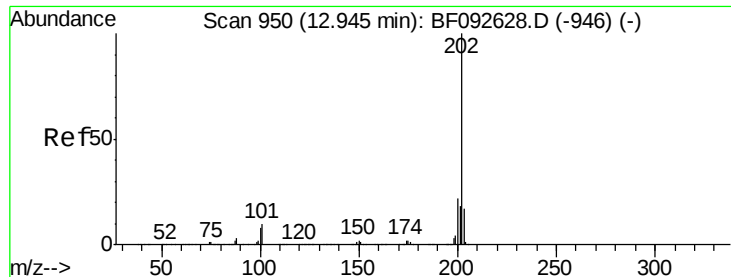


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 48.45 ng

RT: 12.78 min Scan# 936

Delta R.T. -0.00 min

Lab File: BF093228.D

Acq: 28 Feb 2017 2:09

Instrument :

BNA_F

ClientSampleId :

E2-B-1E-NSW-1

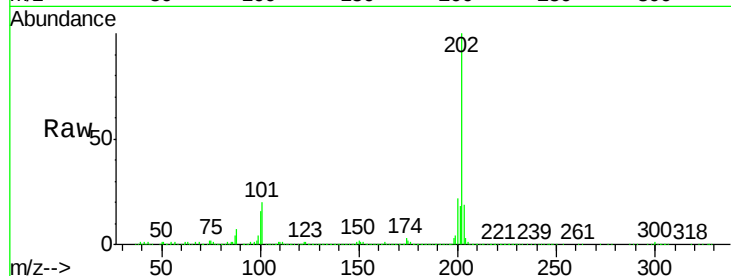
Tgt Ion:202 Resp: 1117317

Ion Ratio Lower Upper

202 100

200 21.6 17.7 26.5

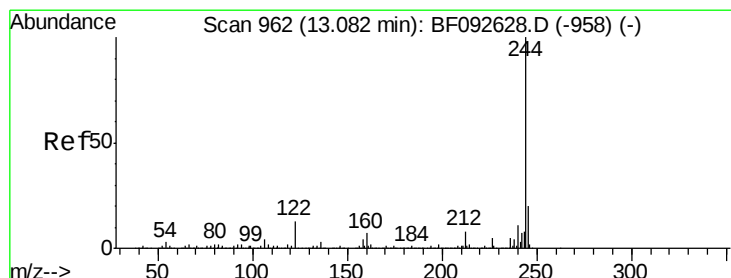
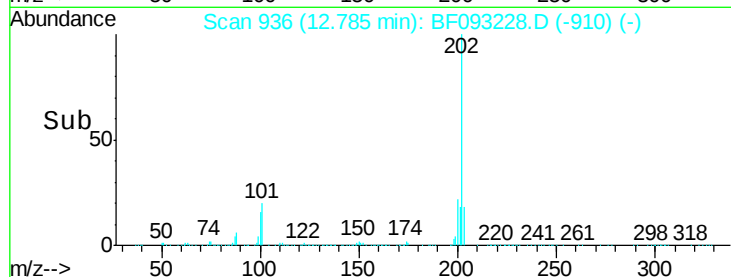
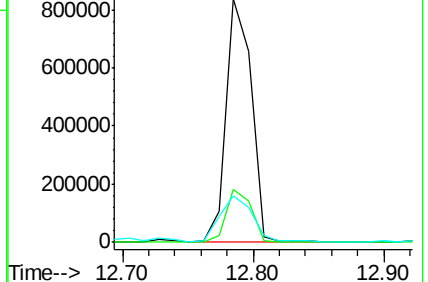
203 18.9 14.7 22.1



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: 73.62 ng

RT: 12.93 min Scan# 949

Delta R.T. -0.00 min

Lab File: BF093228.D

Acq: 28 Feb 2017 2:09

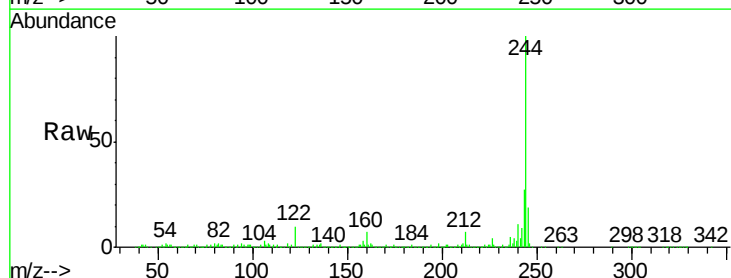
Tgt Ion:244 Resp: 965593

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

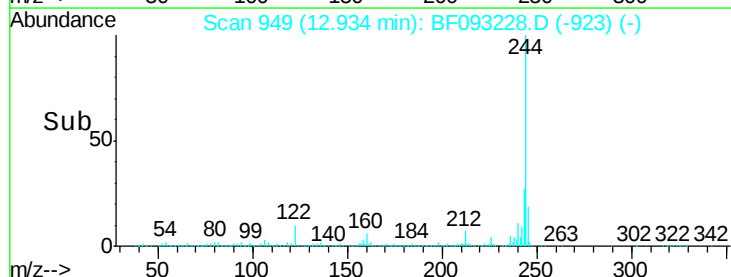
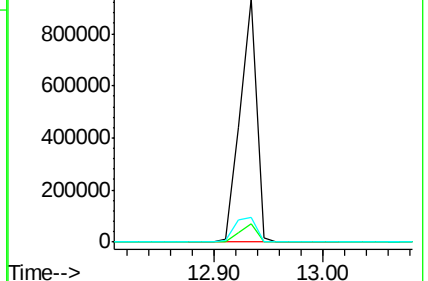
122 10.3 11.4 17.2#

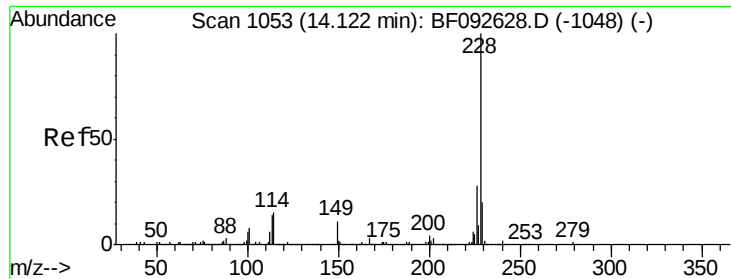


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

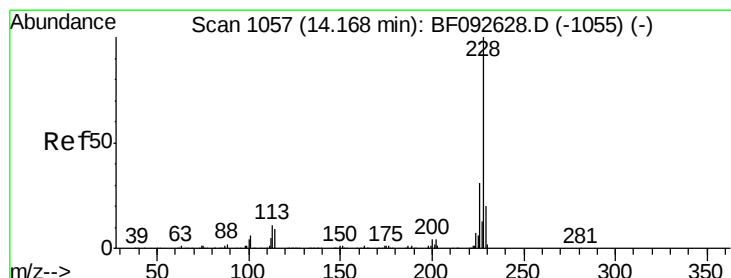
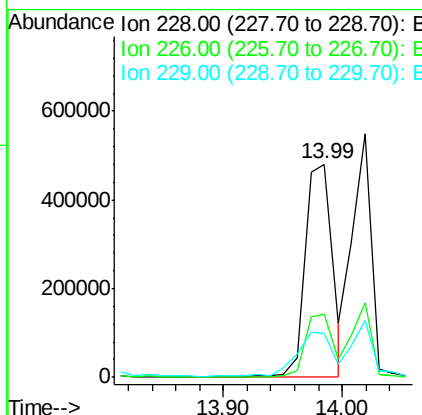
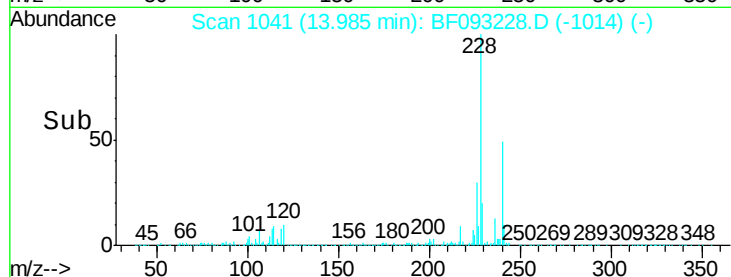
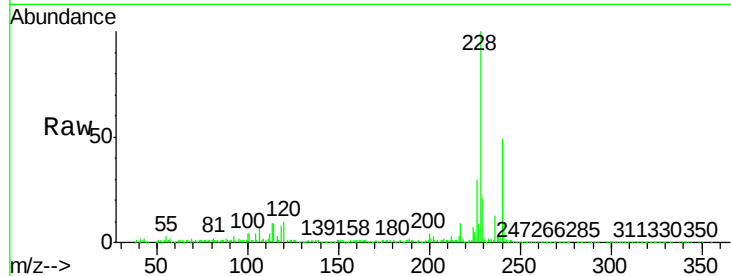




#80
Benzo(a)anthracene
Concen: 40.58 ng
RT: 13.99 min Scan# 1041
Delta R.T. 0.01 min
Lab File: BF093228.D
Acq: 28 Feb 2017 2:09

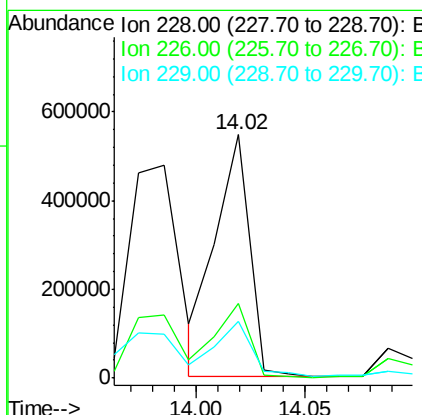
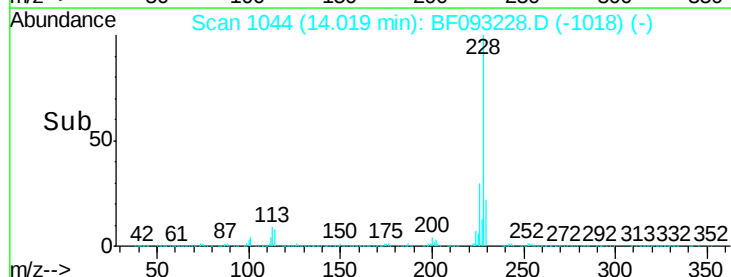
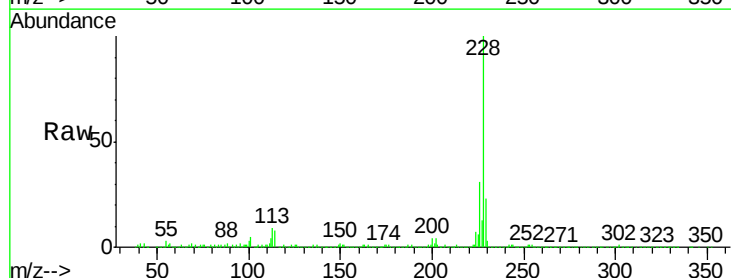
Instrument :
BNA_F
ClientSampleId :
E2-B-1E-NSW-1

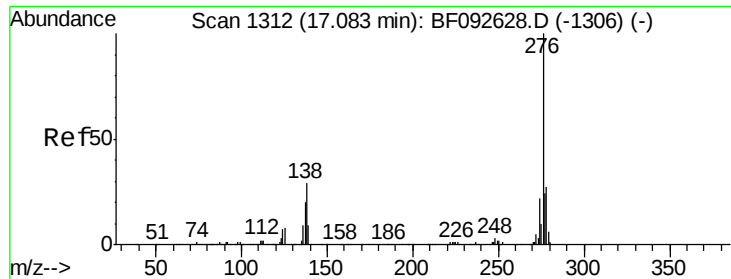
Tgt Ion:228 Resp: 764793
Ion Ratio Lower Upper
228 100
226 29.8 22.4 33.6
229 20.8 16.2 24.4



#82
Chrysene
Concen: 33.48 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF093228.D
Acq: 28 Feb 2017 2:09

Tgt Ion:228 Resp: 590901
Ion Ratio Lower Upper
228 100
226 30.8 25.4 38.0
229 23.1 16.2 24.2

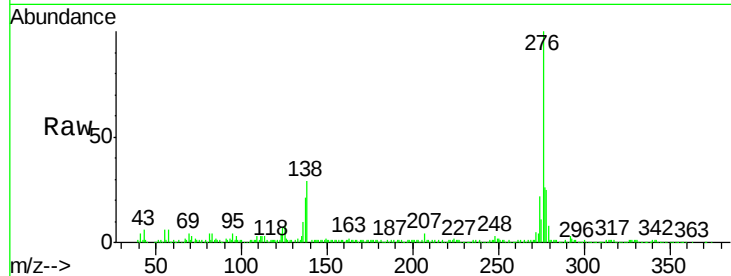




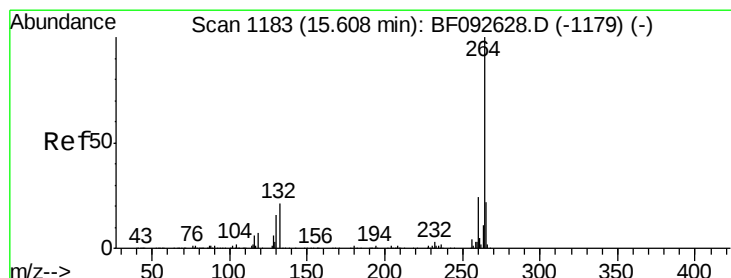
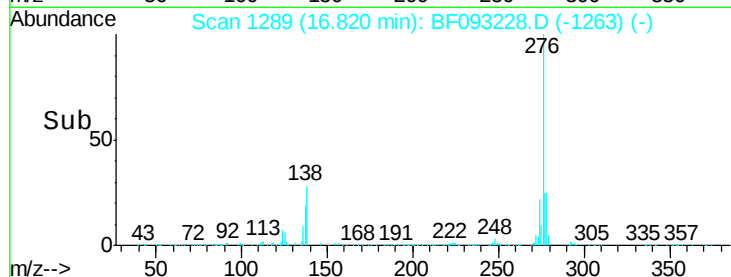
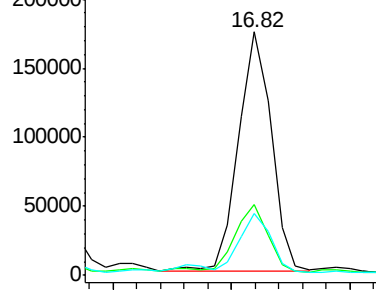
#85
Indeno(1,2,3-cd)pyrene
Concen: 24.40 ng
RT: 16.82 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BF093228.D
Acq: 28 Feb 2017 2:09

Instrument :
BNA_F
ClientSampleId :
E2-B-1E-NSW-1

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.9	21.8	32.6
277	23.7	20.2	30.4

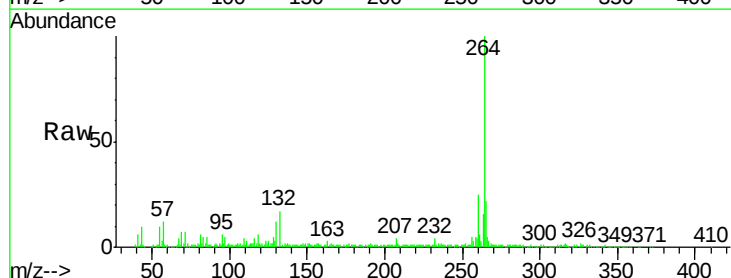


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

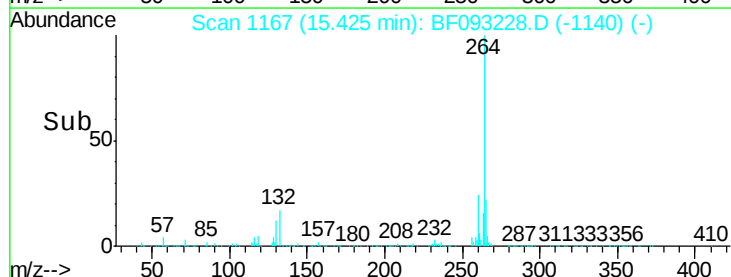
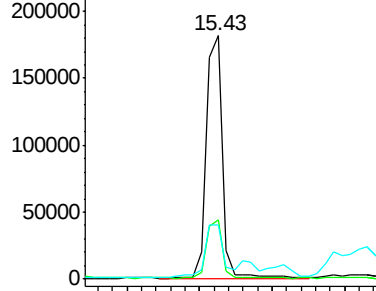


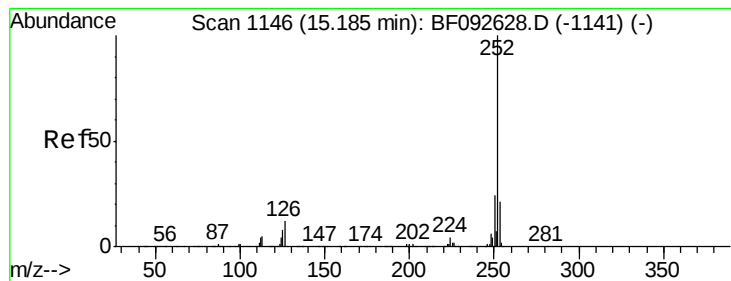
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1167
Delta R.T. 0.01 min
Lab File: BF093228.D
Acq: 28 Feb 2017 2:09

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	22.2	17.4	26.0



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 60.89 ng

RT: 15.01 min Scan# 1131

Delta R.T. -0.00 min

Lab File: BF093228.D

Acq: 28 Feb 2017 2:09

Instrument :

BNA_F

ClientSampleId :

E2-B-1E-NSW-1

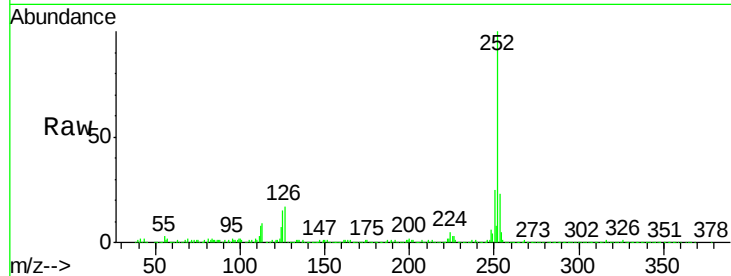
Tgt Ion:252 Resp: 1114208

Ion Ratio Lower Upper

252 100

253 22.9 18.2 27.4

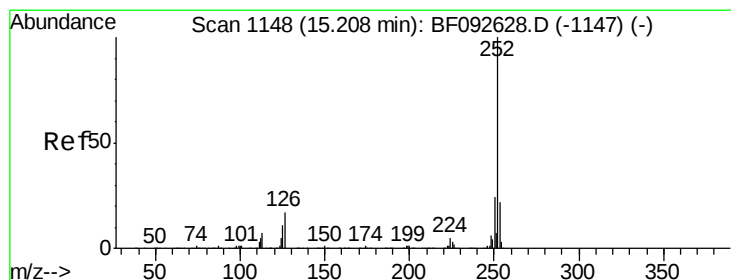
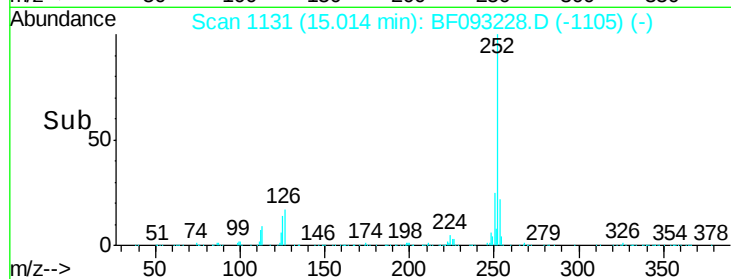
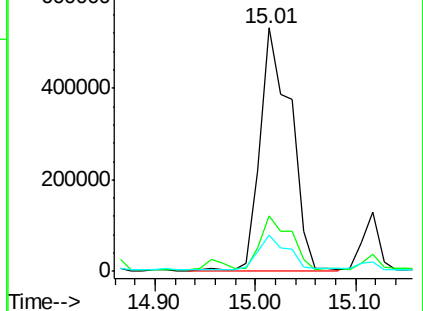
125 14.9 9.8 14.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 70.53 ng

RT: 15.01 min Scan# 1131

Delta R.T. -0.02 min

Lab File: BF093228.D

Acq: 28 Feb 2017 2:09

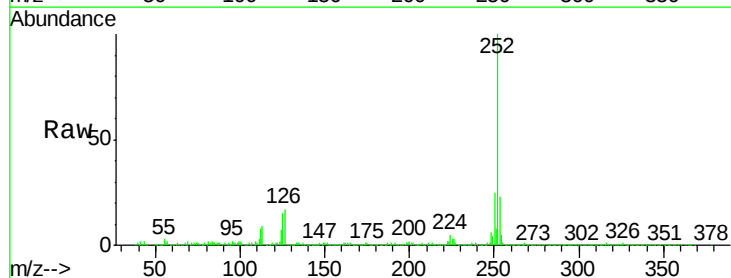
Tgt Ion:252 Resp: 1114208

Ion Ratio Lower Upper

252 100

253 22.9 18.5 27.7

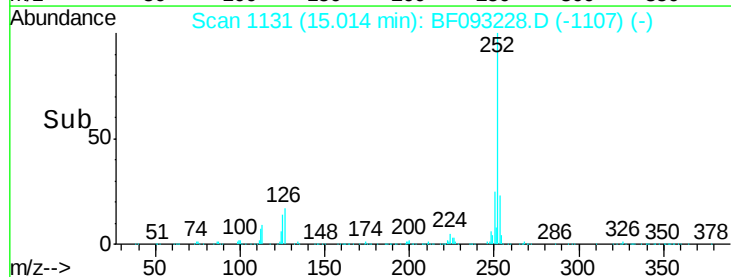
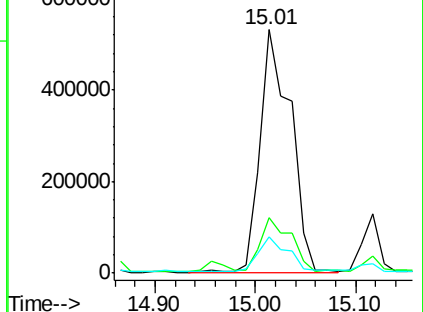
125 14.9 8.9 13.3#

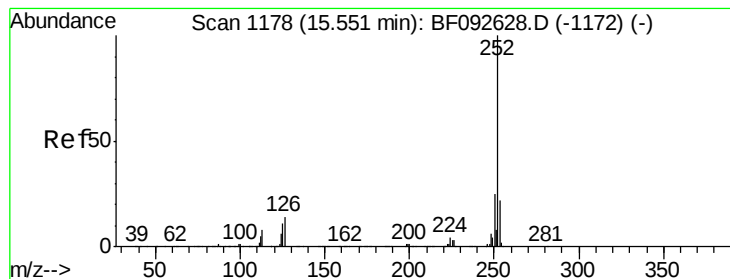


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 38.13 ng

RT: 15.37 min Scan# 1162

Delta R.T. 0.01 min

Lab File: BF093228.D

Acq: 28 Feb 2017 2:09

Instrument :

BNA_F

ClientSampleId :

E2-B-1E-NSW-1

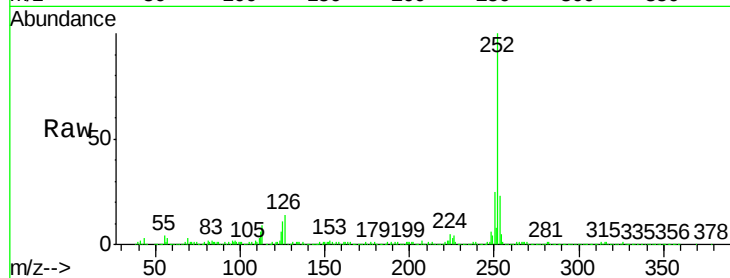
Tgt Ion:252 Resp: 603536

Ion Ratio Lower Upper

252 100

253 23.3 18.2 27.2

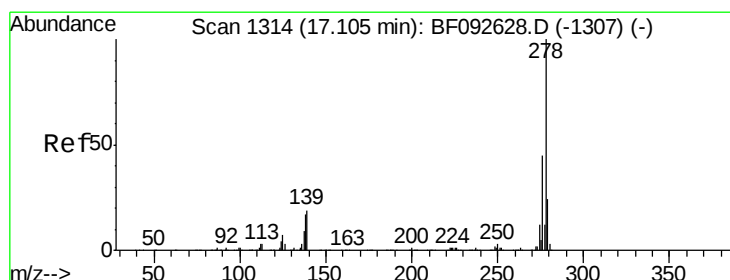
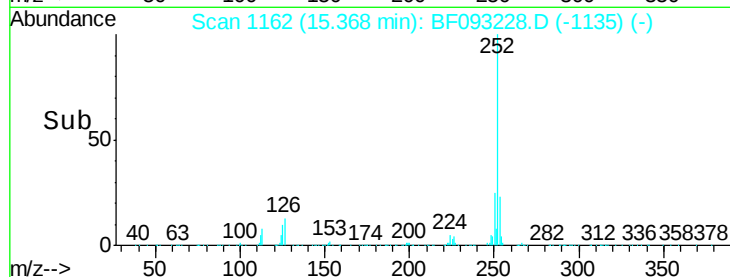
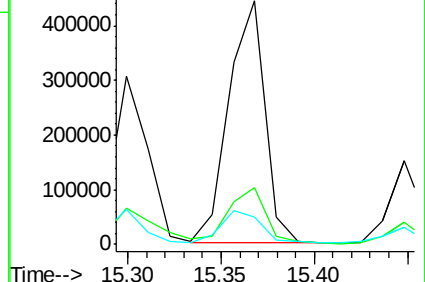
125 11.1 10.0 15.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 7.73 ng

RT: 16.82 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BF093228.D

Acq: 28 Feb 2017 2:09

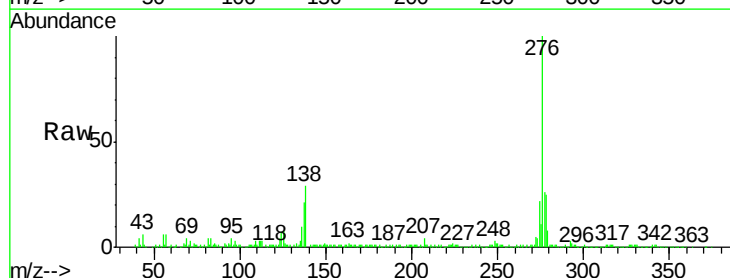
Tgt Ion:278 Resp: 98929

Ion Ratio Lower Upper

278 100

139 0.0 14.8 22.2#

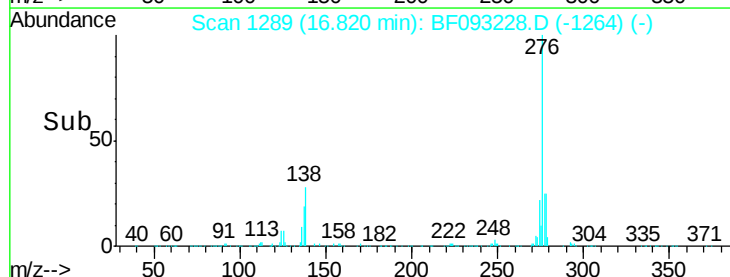
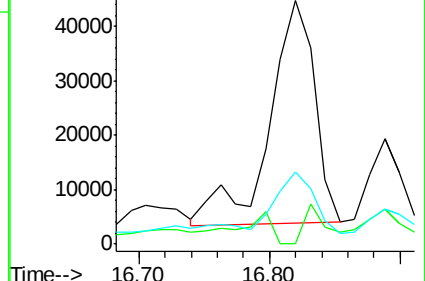
279 29.6 19.8 29.6

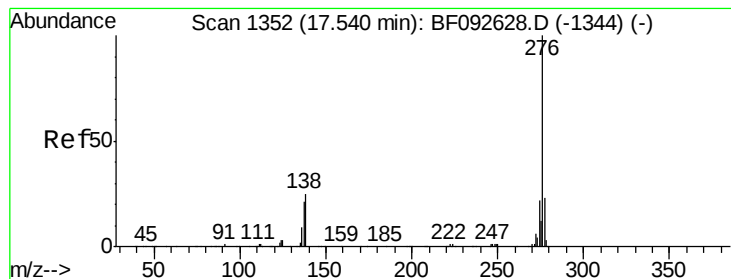


Abundance Ion 278.00 (277.70 to 278.70): E

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: 23.63 ng

RT: 17.24 min Scan# 1326

Delta R.T. -0.00 min

Lab File: BF093228.D

Acq: 28 Feb 2017 2:09

Instrument :

BNA_F

ClientSampleId :

E2-B-1E-NSW-1

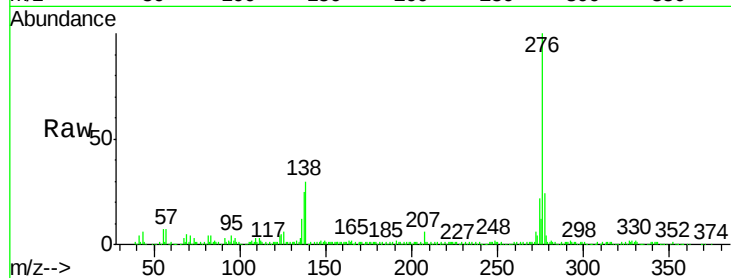
Tgt Ion:276 Resp: 305340

Ion Ratio Lower Upper

276 100

277 23.9 19.2 28.8

138 30.1 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

