

Data File : BF093268.D
Acq On : 1 Mar 2017 2:42
Operator : SJ/MA
Sample : I1997-08DL 2X
Misc :
ALS Vial : 29 Sample Multiplier: 1

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

Quant Time: Mar 01 03:19:40 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	6.81	152	127156	20.00	ng	-0.05
21) Naphthalene-d8	8.10	136	433568	20.00	ng	-0.05
38) Acenaphthene-d10	9.85	164	173452	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	304008	20.00	ng	-0.05
75) Chrysene-d12	13.97	240	266775	20.00	ng	-0.05
86) Perylene-d12	15.40	264	187107	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	376470	50.79	ng	-0.03
7) Phenol-d6	6.46	99	469354	49.22	ng	-0.02
23) Nitrobenzene-d5	7.38	82	288559	37.06	ng	-0.05
41) 2,4,6-Tribromophenol	10.64	330	61369	48.92	ng	-0.05
44) 2-Fluorobiphenyl	9.17	172	457916	47.83	ng	-0.05
78) Terphenyl-d14	12.91	244	367743	32.39	ng	-0.06

Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.38	70	38187	6.29	ng	# 77
25) Isophorone	7.38	82	225628	15.55	ng	# 65
31) Naphthalene	8.12	128	53923	2.45	ng	98
32) Benzoic acid	7.92	122	1375	7.48	ng	# 78
48) Acenaphthylene	9.71	152	109745	6.47	ng	98
49) Dimethylphthalate	9.56	163	137591	11.78	ng	97
51) Acenaphthene	9.88	154	23032	2.27	ng	96
57) Fluorene	10.40	166	32638	3.13	ng	97
64) 4,6-Dinitro-2-methylphenol	10.64	198	210	2.78	ng	# 1
70) Phenanthrene	11.36	178	447667	25.70	ng	98
71) Anthracene	11.41	178	162658	9.30	ng	96
72) Carbazole	11.57	167	58484	3.50	ng	97
74) Fluoranthene	12.55	202	940050	52.32	ng	97
77) Pyrene	12.77	202	968874	48.53	ng	99
80) Benzo(a)anthracene	13.96	228	581485	35.64	ng	97
82) Chrysene	13.96	228	581485	38.06	ng	98
85) Indeno(1,2,3-cd)pyrene	16.80	276	196216	16.58	ng	100
87) Benzo(b)fluoranthene	15.00	252	673020	54.65	ng	97
88) Benzo(k)fluoranthene	15.00	252	673020	63.29	ng	# 97
89) Benzo(a)pyrene	15.35	252	321294	30.16	ng	99
90) Dibenzo(a,h)anthracene	16.80	278	52513	6.10	ng	# 76
91) Benzo(g,h,i)perylene	17.22	276	188074	21.62	ng	# 92

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

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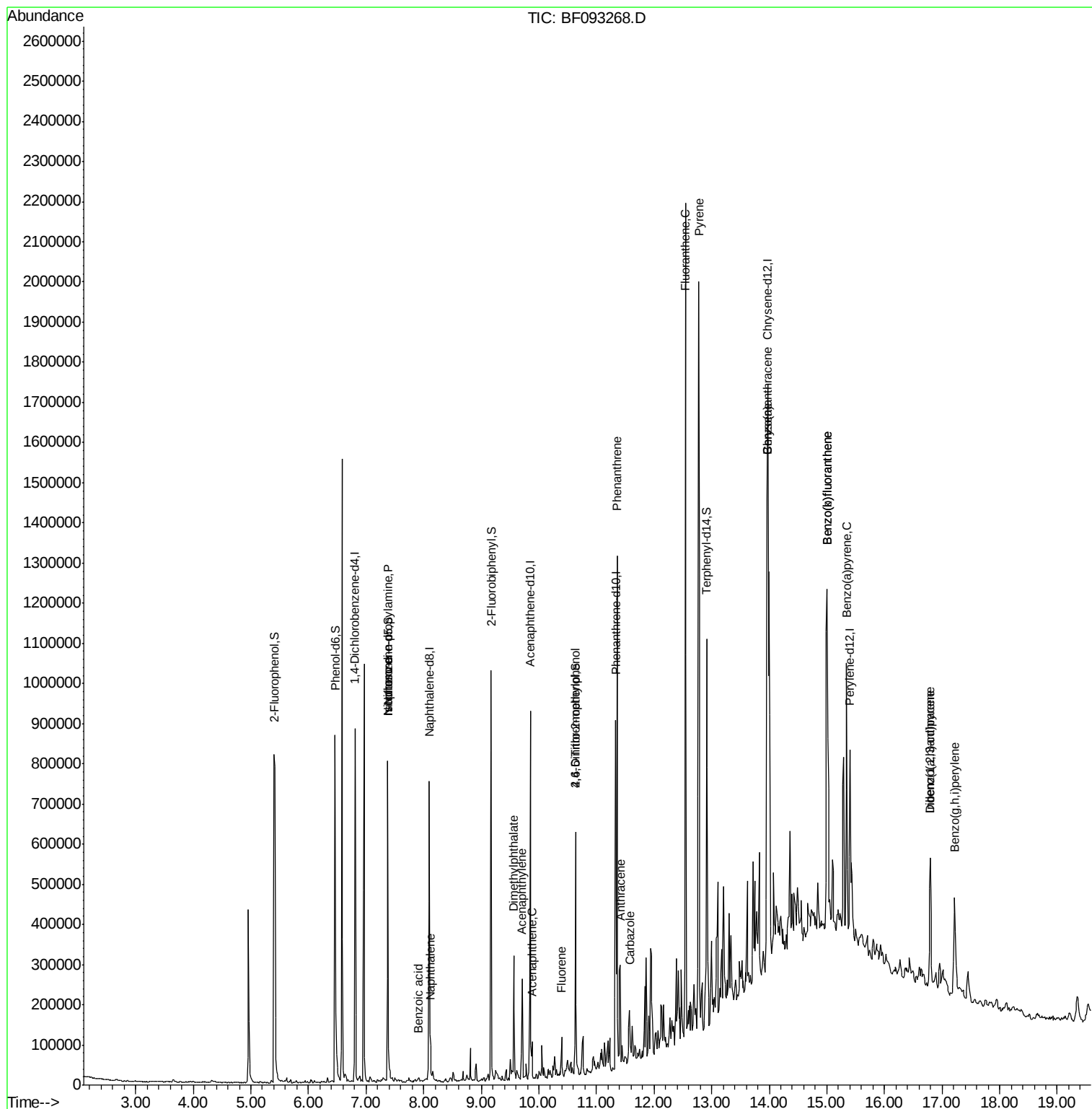
Quant Time: Mar 01 03:19:40 2017

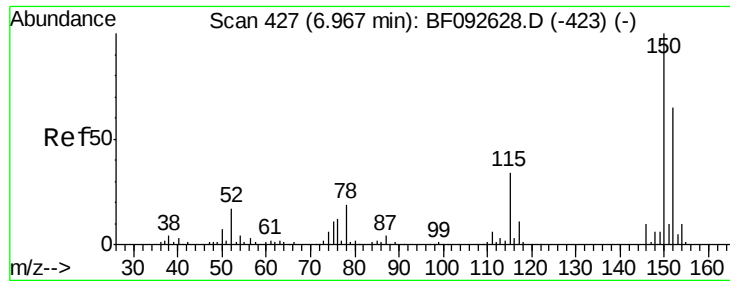
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Response via : Initial Calibration

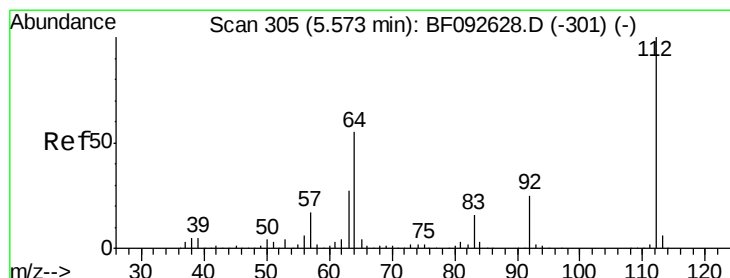
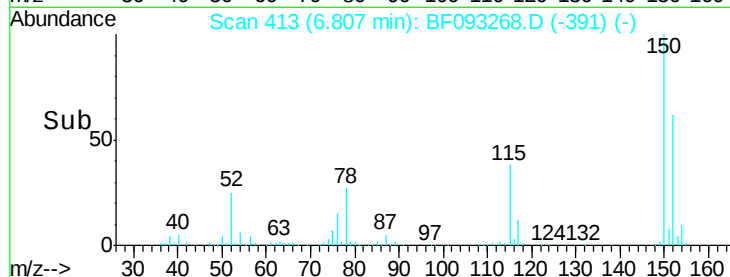
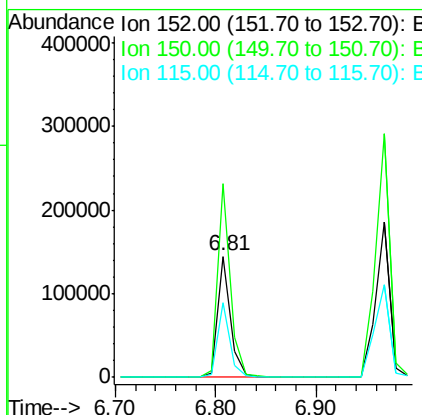
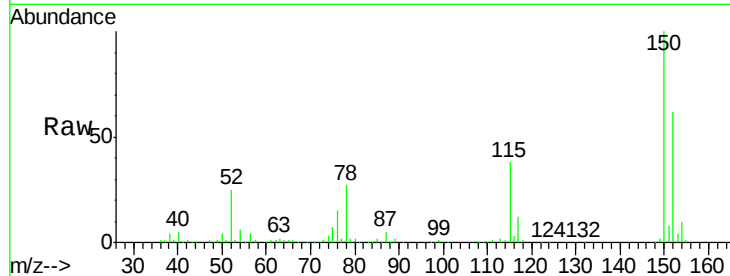




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.81 min Scan# 413
 Delta R.T. -0.05 min
 Lab File: BF093268.D
 Acq: 1 Mar 2017 2:42

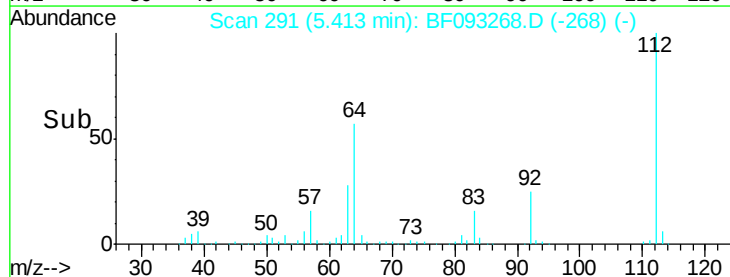
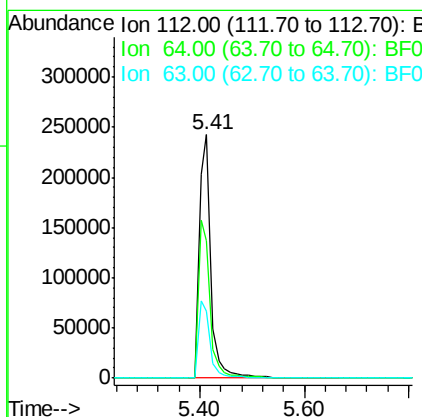
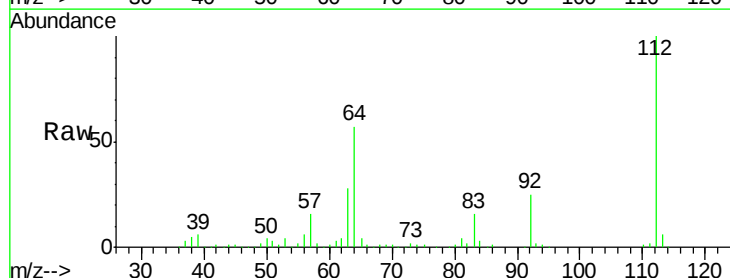
Instrument :
 BNA_F
 ClientSampleId :
 E2-B1E-ESW-2DL

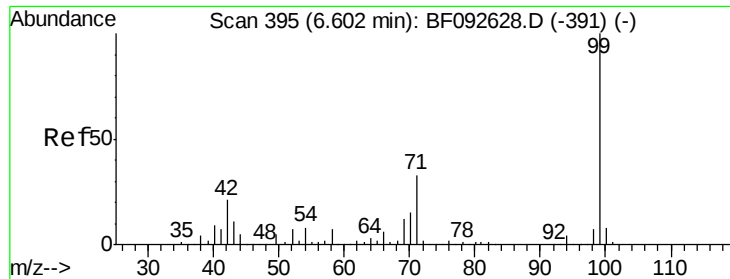
Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.2	124.9	187.3
115	61.3	46.0	69.0



#5
 2-Fluorophenol
 Concen: 50.79 ng
 RT: 5.41 min Scan# 291
 Delta R.T. -0.03 min
 Lab File: BF093268.D
 Acq: 1 Mar 2017 2:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.6	46.1	69.1
63	27.7	23.8	35.6





#7

Phenol-d6

Concen: 49.22 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.02 min

Lab File: BF093268.D

Acq: 1 Mar 2017 2:42

Instrument :

BNA_F

ClientSampleId :

E2-B1E-ESW-2DL

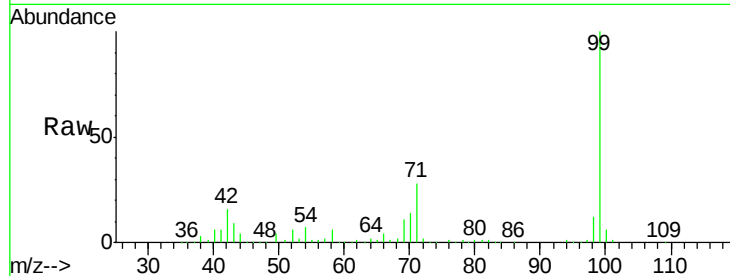
Tgt Ion: 99 Resp: 469354

Ion Ratio Lower Upper

99 100

42 16.2 15.6 23.4

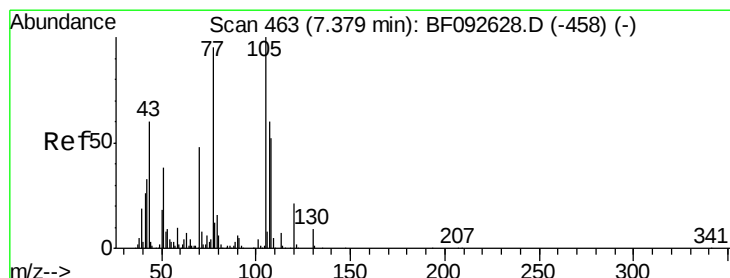
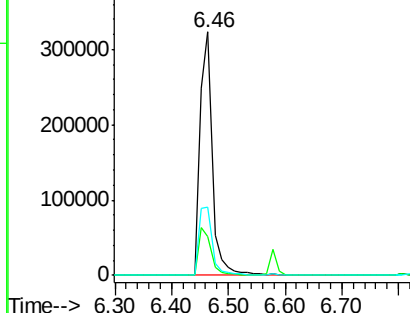
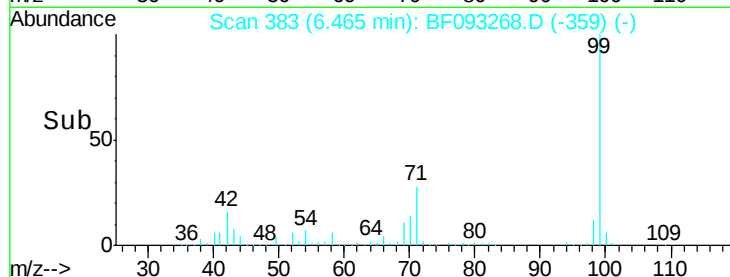
71 28.0 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 6.29 ng

RT: 7.38 min Scan# 463

Delta R.T. 0.10 min

Lab File: BF093268.D

Acq: 1 Mar 2017 2:42

Tgt Ion: 70 Resp: 38187

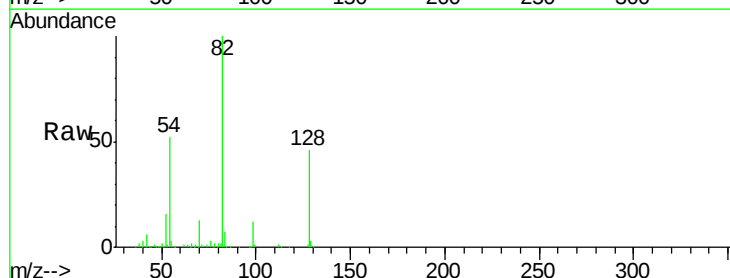
Ion Ratio Lower Upper

70 100

42 47.0 49.4 74.0#

101 0.0 7.4 11.2#

130 2.1 14.2 21.4#

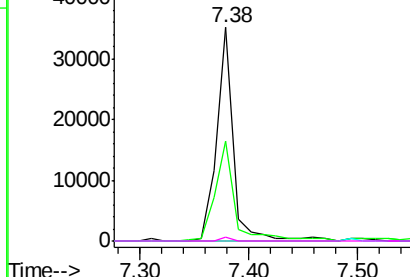
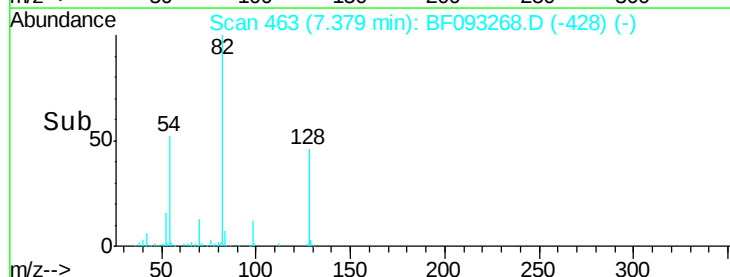


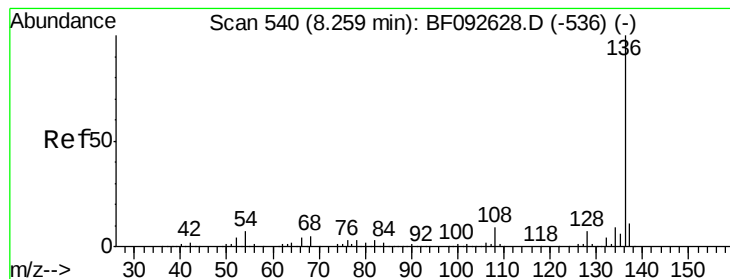
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.05 min

Lab File: BF093268.D

Acq: 1 Mar 2017 2:42

Instrument :

BNA_F

ClientSampleId :

E2-B1E-ESW-2DL

Tgt Ion:136 Resp: 433568

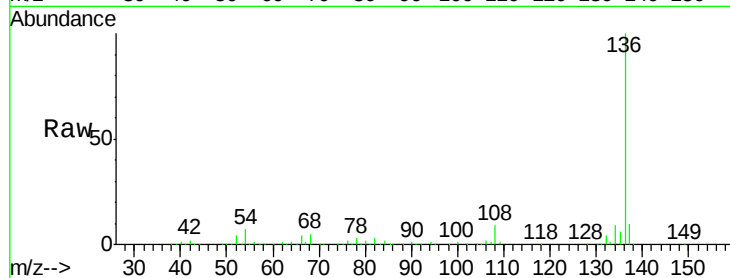
Ion Ratio Lower Upper

136 100

137 10.2 8.4 12.6

54 7.2 4.5 6.7#

68 5.1 3.6 5.4

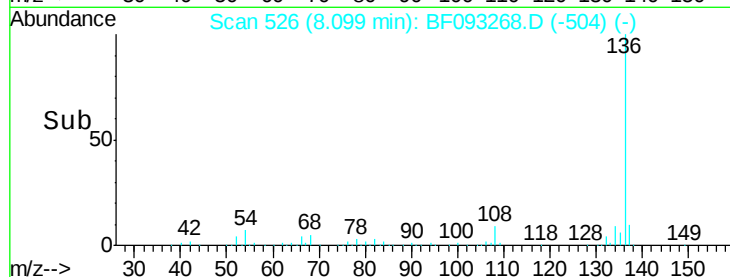


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

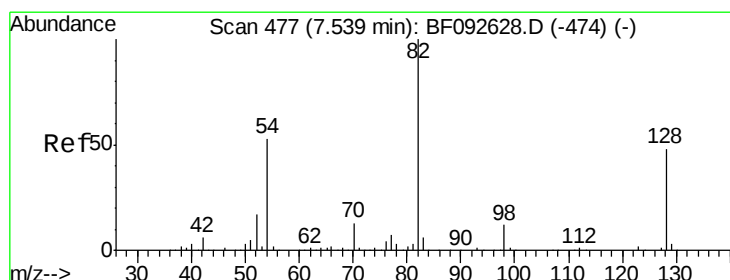
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->

8.10



#23

Nitrobenzene-d5

Concen: 37.06 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.05 min

Lab File: BF093268.D

Acq: 1 Mar 2017 2:42

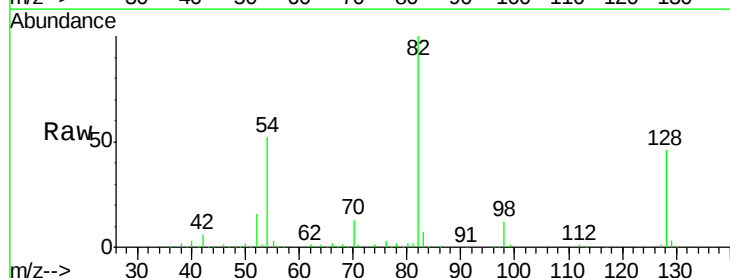
Tgt Ion: 82 Resp: 288559

Ion Ratio Lower Upper

82 100

128 45.7 34.6 52.0

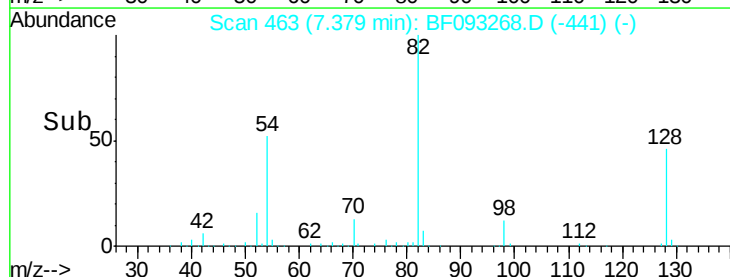
54 52.1 39.5 59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

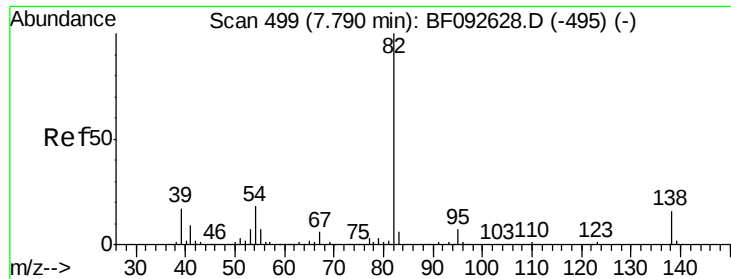
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->

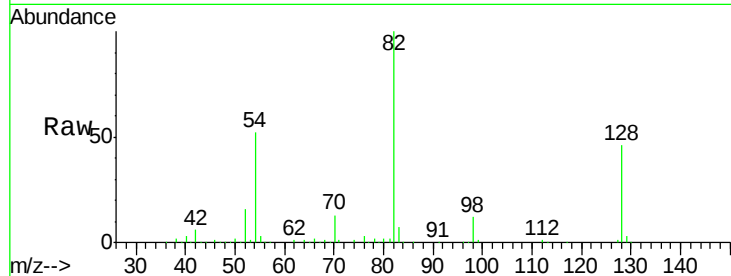
7.38



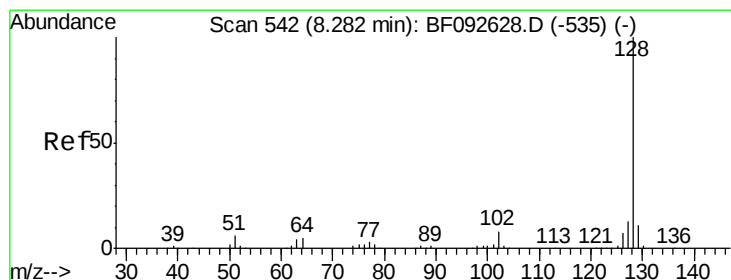
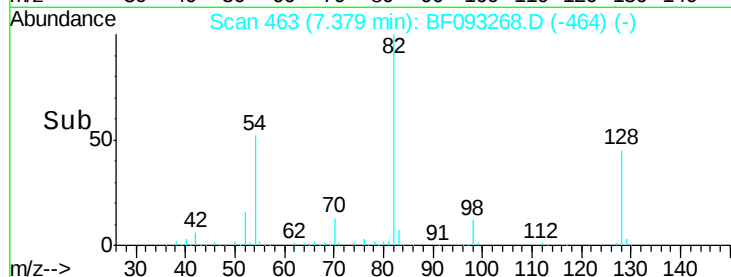
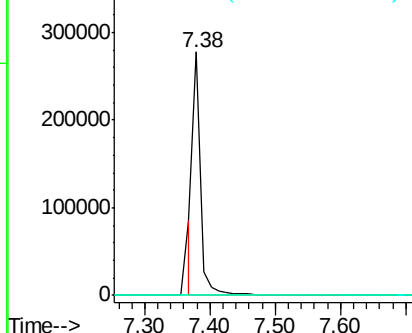
#25
Isophorone
Concen: 15.55 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.31 min
Lab File: BF093268.D
Acq: 1 Mar 2017 2:42

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

Tgt Ion: 82 Resp: 225628
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.6 22.0#

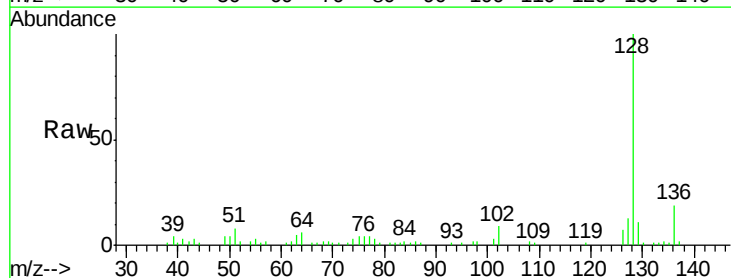


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

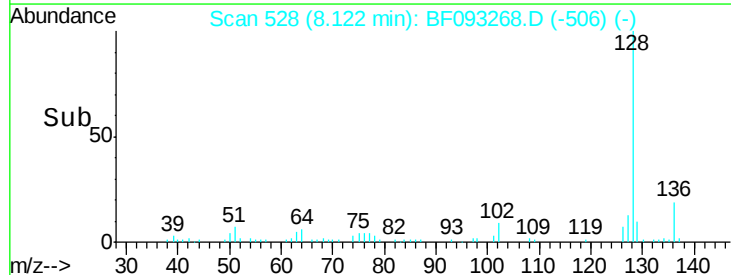
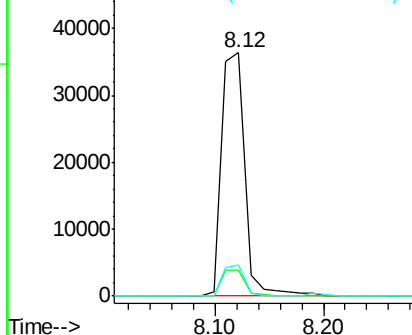


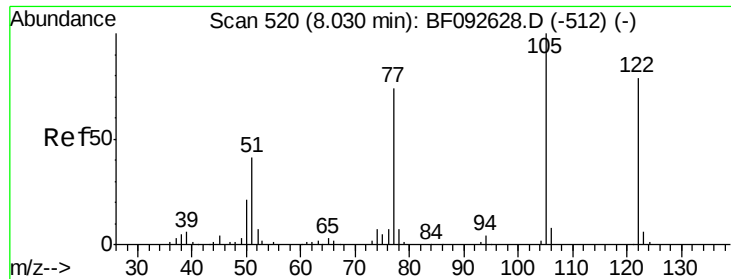
#31
Naphthalene
Concen: 2.45 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.05 min
Lab File: BF093268.D
Acq: 1 Mar 2017 2:42

Tgt Ion: 128 Resp: 53923
Ion Ratio Lower Upper
128 100
129 10.9 9.5 14.3
127 12.6 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

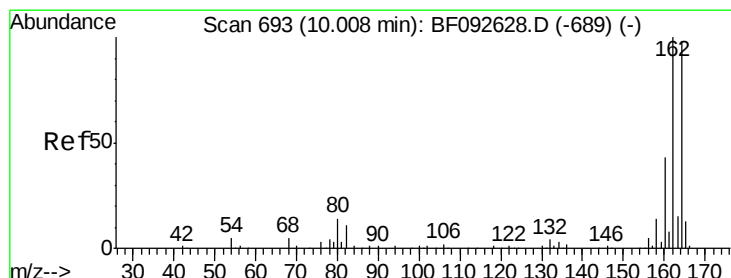
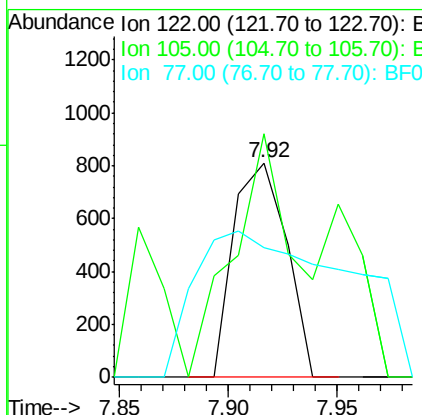
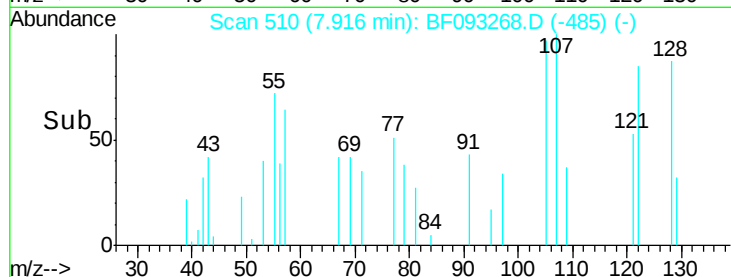
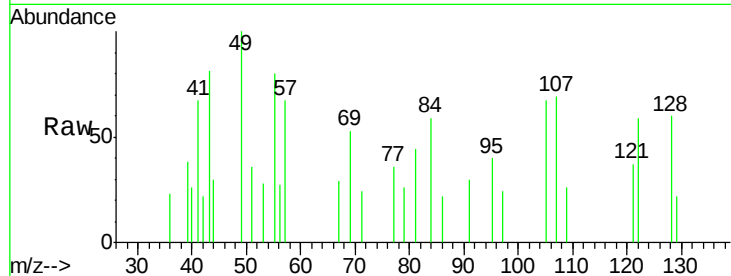




#32
Benzoic acid
Concen: 7.48 ng
RT: 7.92 min Scan# 510
Delta R.T. -0.01 min
Lab File: BF093268.D
Acq: 1 Mar 2017 2:42

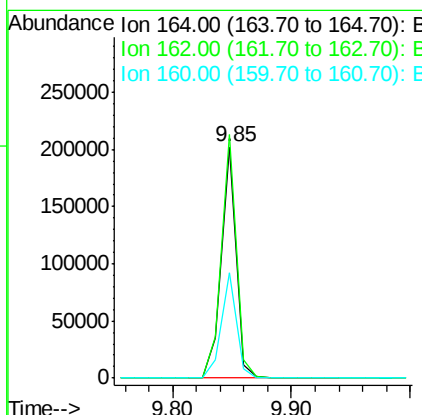
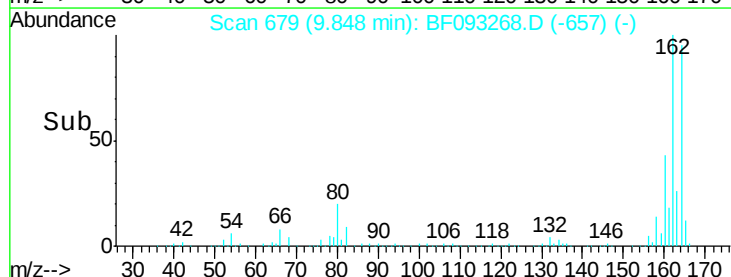
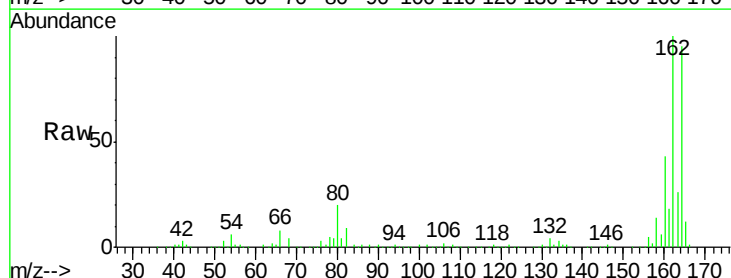
Instrument :
BNA_F
ClientSampleId :
E2-B1E-ESW-2DL

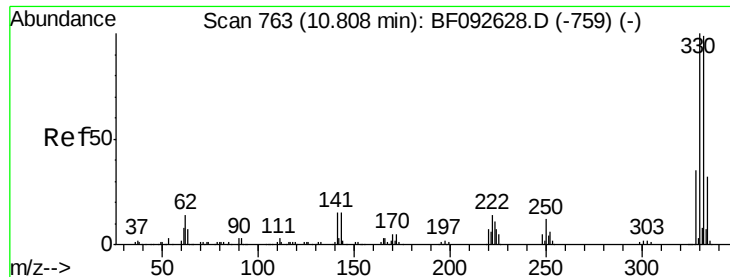
Tgt Ion:122 Resp: 1375
Ion Ratio Lower Upper
122 100
105 113.6 107.2 147.2
77 60.3 74.5 114.5#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.05 min
Lab File: BF093268.D
Acq: 1 Mar 2017 2:42

Tgt Ion:164 Resp: 173452
Ion Ratio Lower Upper
164 100
162 105.3 80.2 120.2
160 45.5 36.9 55.3

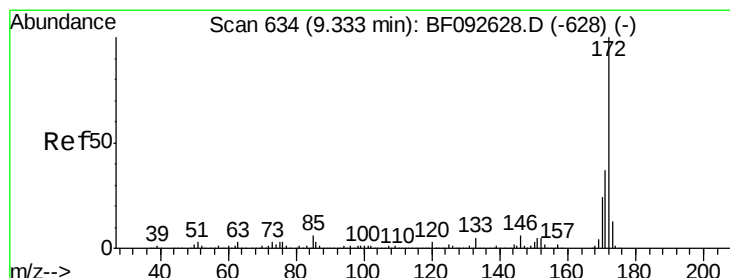
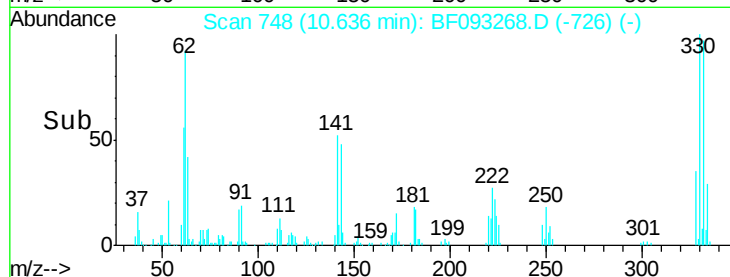
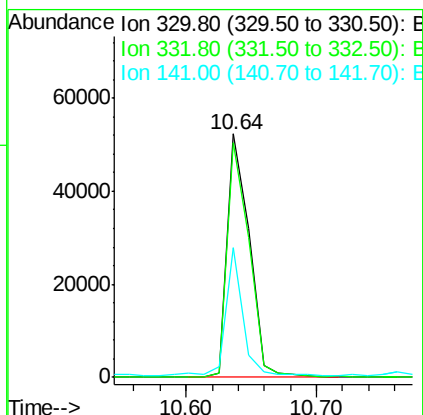
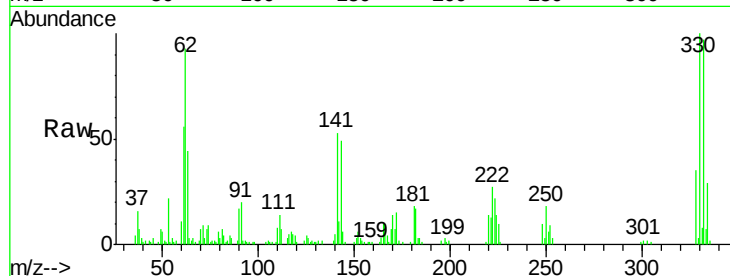




#41
 2,4,6-Tribromophenol
 Concen: 48.92 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.05 min
 Lab File: BF093268.D
 Acq: 1 Mar 2017 2:42

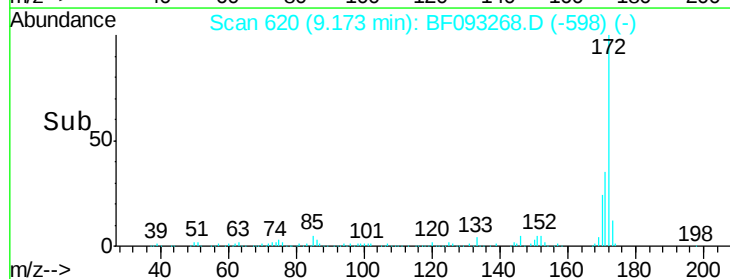
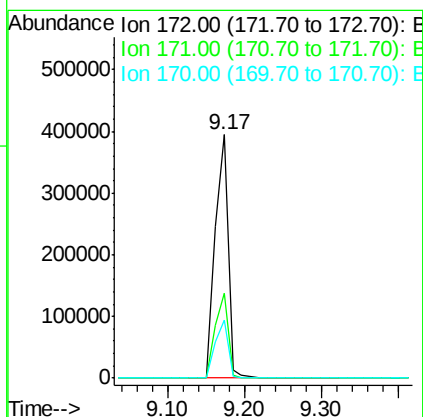
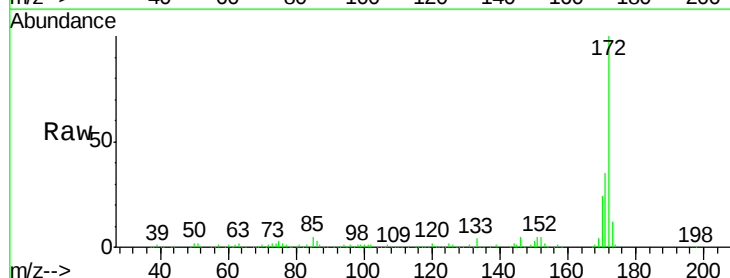
Instrument :
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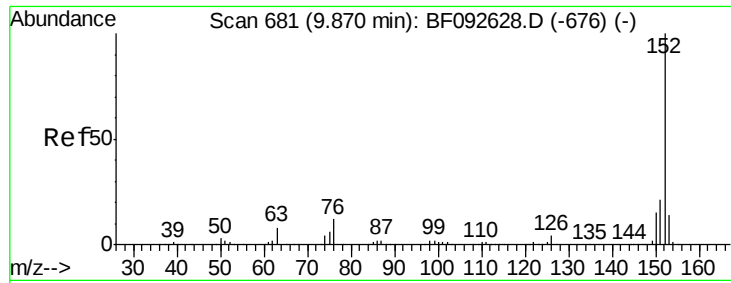
Tgt Ion:330 Resp: 61369
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.4 116.2
 141 43.3 34.1 51.1



#44
 2-Fluorobiphenyl
 Concen: 47.83 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF093268.D
 Acq: 1 Mar 2017 2:42

Tgt Ion:172 Resp: 457916
 Ion Ratio Lower Upper
 172 100
 171 34.8 29.4 44.0
 170 23.8 20.2 30.4





#48

Acenaphthylene

Concen: 6.47 ng

RT: 9.71 min Scan# 667

Delta R.T. -0.05 min

Lab File: BF093268.D

Acq: 1 Mar 2017 2:42

Instrument :

BNA_F

ClientSampleId :

E2-B1E-ESW-2DL

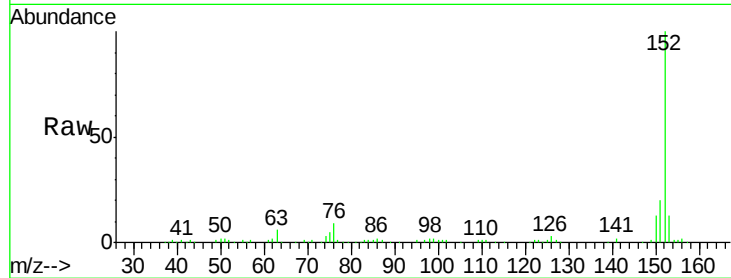
Tgt Ion:152 Resp: 109745

Ion Ratio Lower Upper

152 100

151 20.4 16.9 25.3

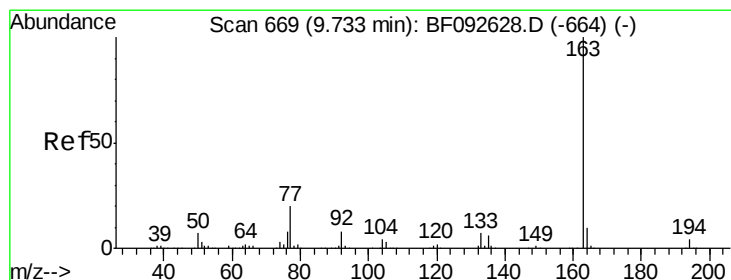
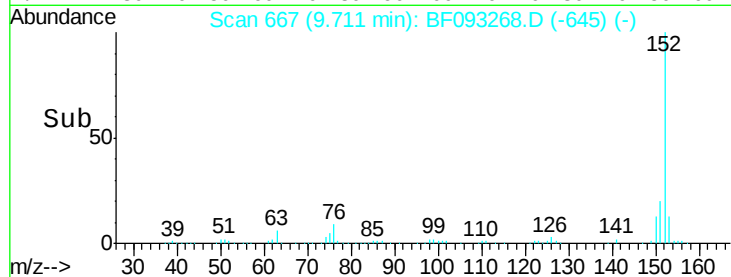
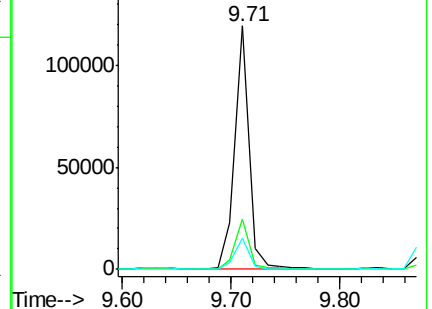
153 13.0 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 11.78 ng

RT: 9.56 min Scan# 654

Delta R.T. -0.06 min

Lab File: BF093268.D

Acq: 1 Mar 2017 2:42

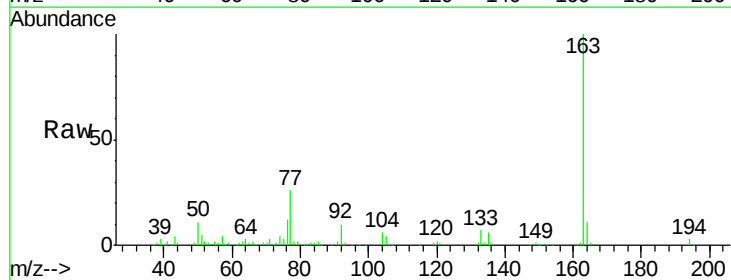
Tgt Ion:163 Resp: 137591

Ion Ratio Lower Upper

163 100

194 3.0 3.0 4.4

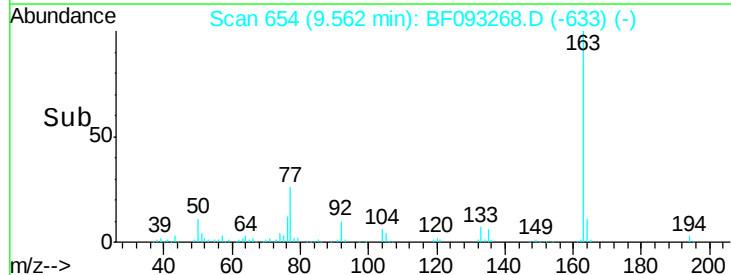
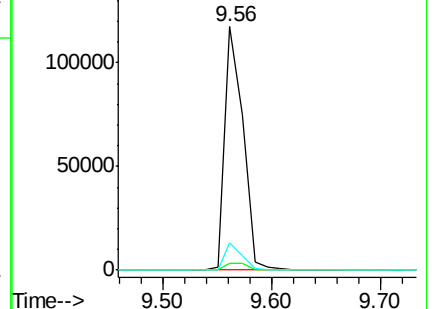
164 11.5 8.0 12.0

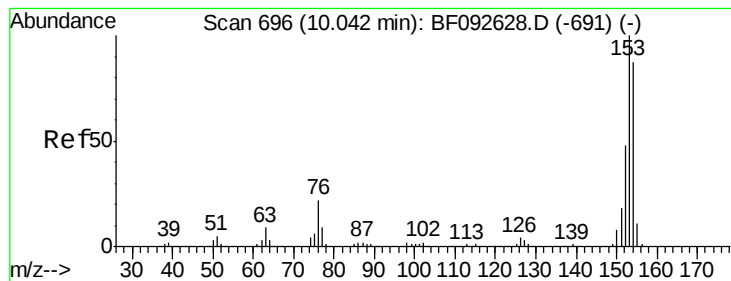


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 2.27 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.05 min

Lab File: BF093268.D

Acq: 1 Mar 2017 2:42

Instrument :

BNA_F

ClientSampleId :

E2-B1E-ESW-2DL

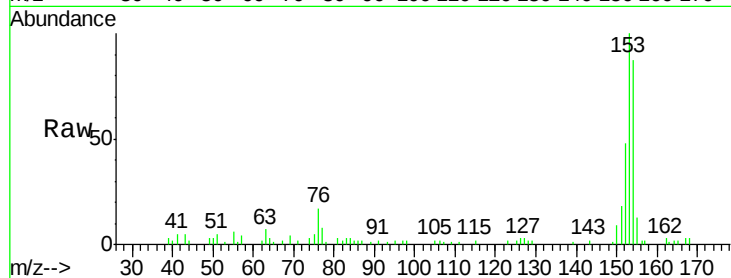
Tgt Ion:154 Resp: 23032

Ion Ratio Lower Upper

154 100

153 115.1 88.6 133.0

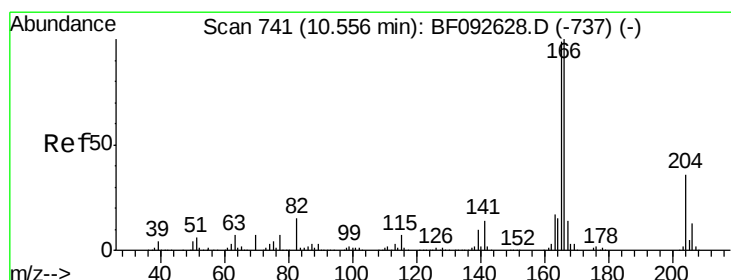
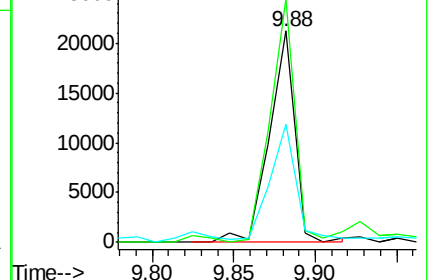
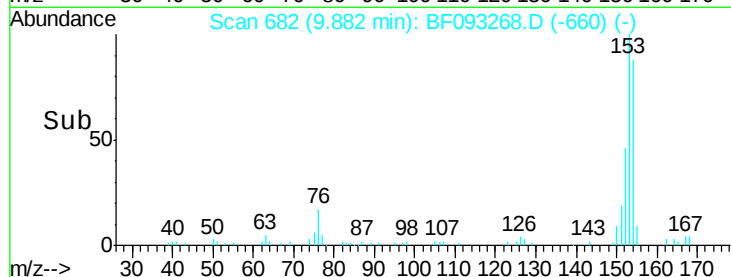
152 55.7 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#57

Fluorene

Concen: 3.13 ng

RT: 10.40 min Scan# 727

Delta R.T. -0.05 min

Lab File: BF093268.D

Acq: 1 Mar 2017 2:42

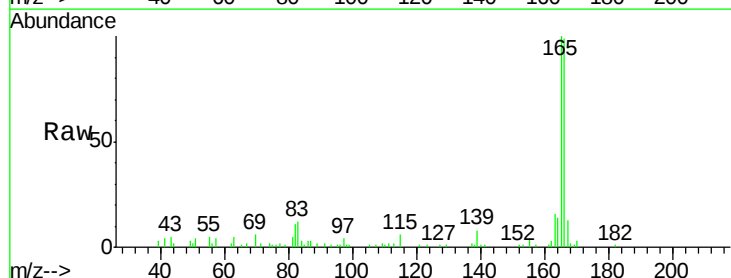
Tgt Ion:166 Resp: 32638

Ion Ratio Lower Upper

166 100

165 101.1 77.8 116.8

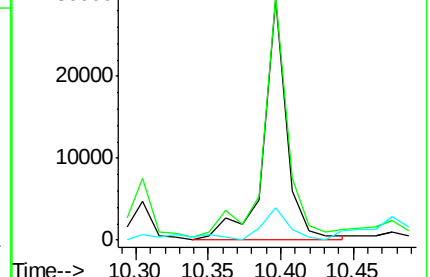
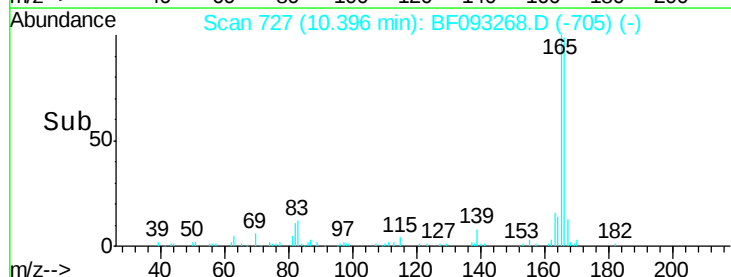
167 13.5 10.8 16.2

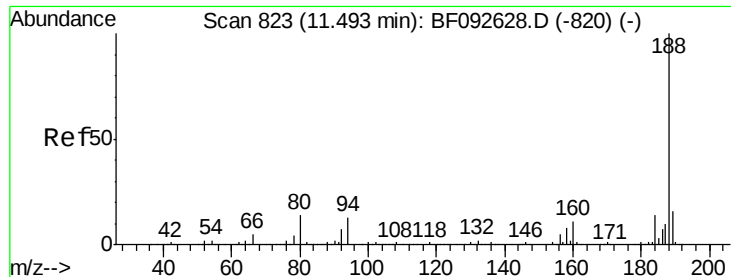


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.33 min Scan# 809

Delta R.T. -0.05 min

Lab File: BF093268.D

Acq: 1 Mar 2017 2:42

Instrument :

BNA_F

ClientSampleId :

E2-B1E-ESW-2DL

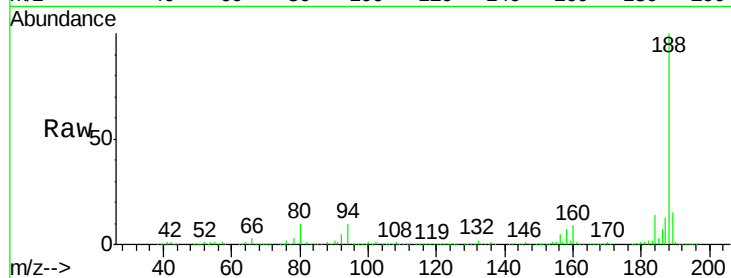
Tgt Ion:188 Resp: 304008

Ion Ratio Lower Upper

188 100

94 10.1 10.0 15.0

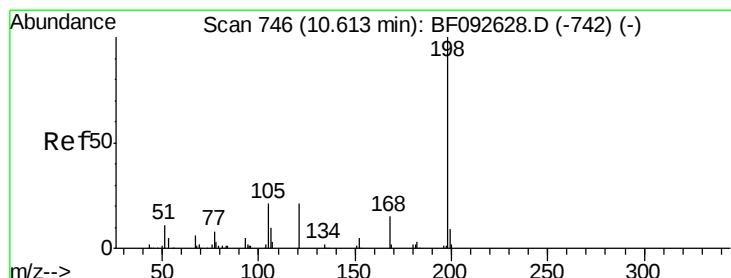
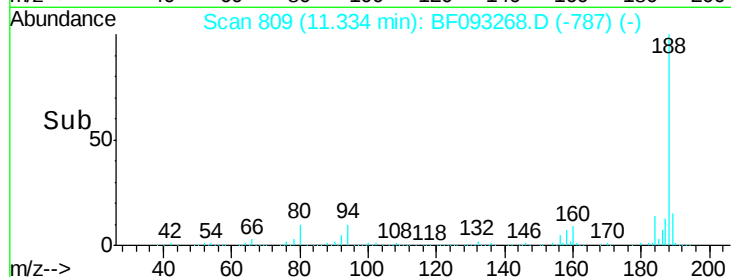
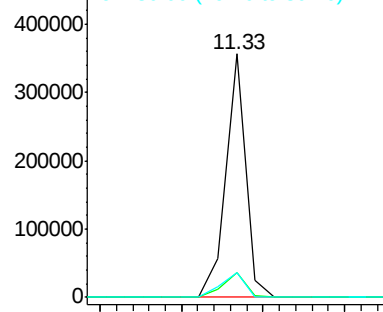
80 10.4 11.2 16.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 2.78 ng

RT: 10.64 min Scan# 748

Delta R.T. 0.14 min

Lab File: BF093268.D

Acq: 1 Mar 2017 2:42

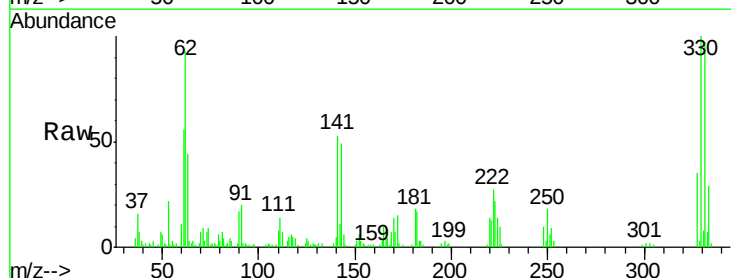
Tgt Ion:198 Resp: 210

Ion Ratio Lower Upper

198 100

51 394.1 6.7 46.7#

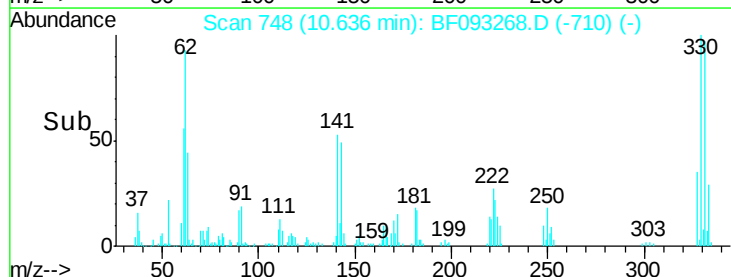
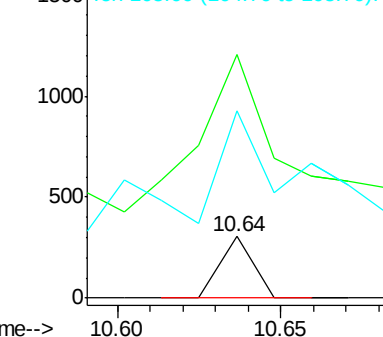
105 302.3 16.6 56.6#

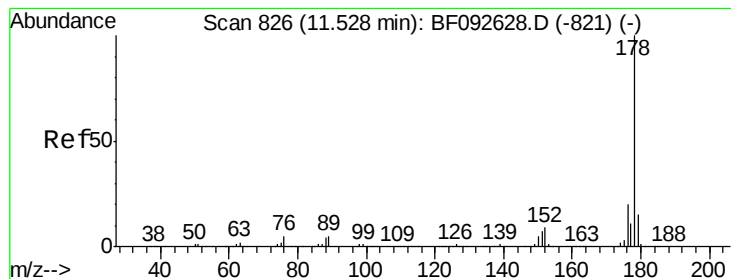


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#70

Phenanthrene

Concen: 25.70 ng

RT: 11.36 min Scan# 811

Delta R.T. -0.05 min

Lab File: BF093268.D

Acq: 1 Mar 2017 2:42

Instrument :

BNA_F

ClientSampleId :

E2-B1E-ESW-2DL

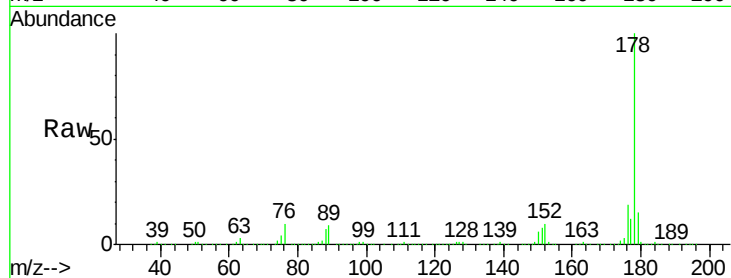
Tgt Ion:178 Resp: 447667

Ion Ratio Lower Upper

178 100

176 19.4 16.6 25.0

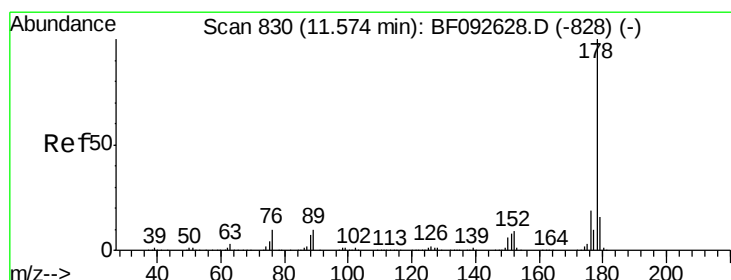
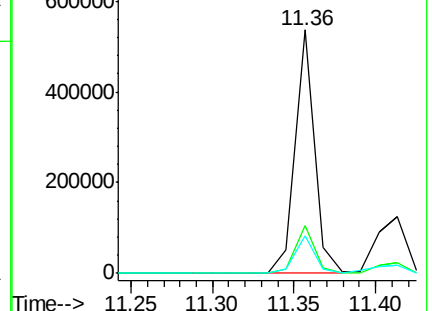
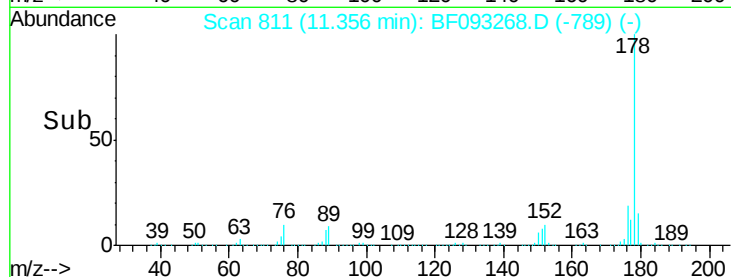
179 15.5 12.8 19.2



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: 9.30 ng

RT: 11.41 min Scan# 816

Delta R.T. -0.05 min

Lab File: BF093268.D

Acq: 1 Mar 2017 2:42

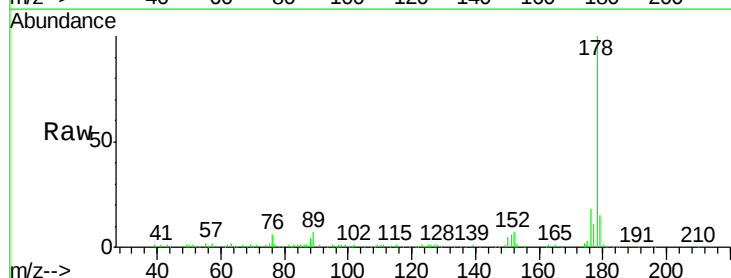
Tgt Ion:178 Resp: 162658

Ion Ratio Lower Upper

178 100

176 18.4 15.9 23.9

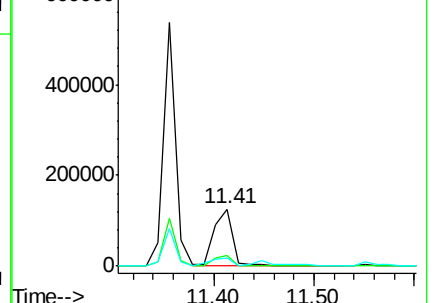
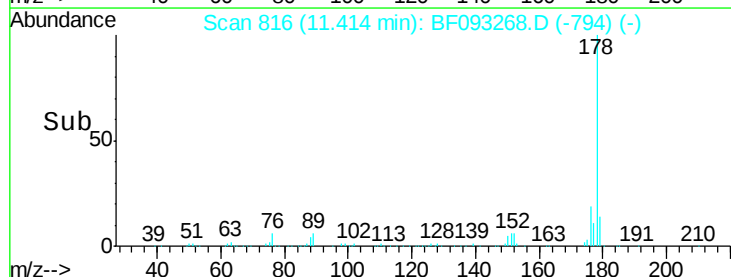
179 14.6 13.2 19.8

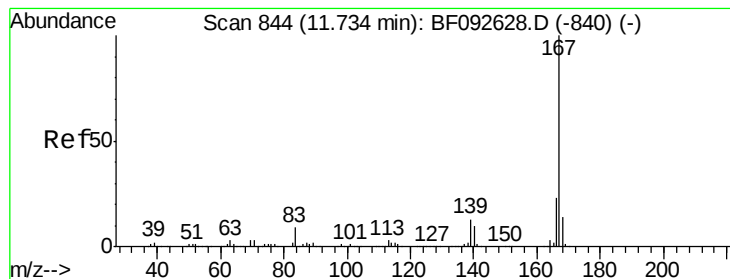


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 3.50 ng

RT: 11.57 min Scan# 830

Delta R.T. -0.03 min

Lab File: BF093268.D

Acq: 1 Mar 2017 2:42

Instrument :

BNA_F

ClientSampleId :

E2-B1E-ESW-2DL

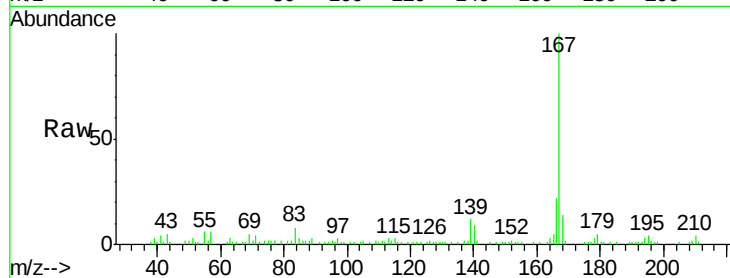
Tgt Ion:167 Resp: 58484

Ion Ratio Lower Upper

167 100

166 22.1 18.2 27.2

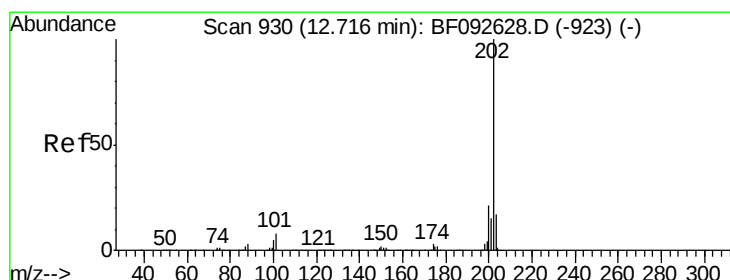
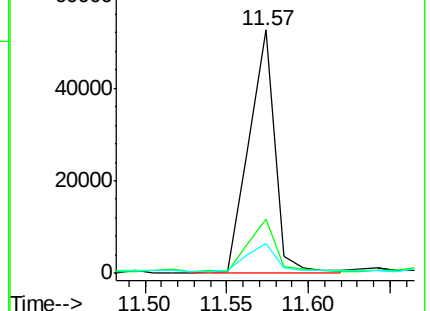
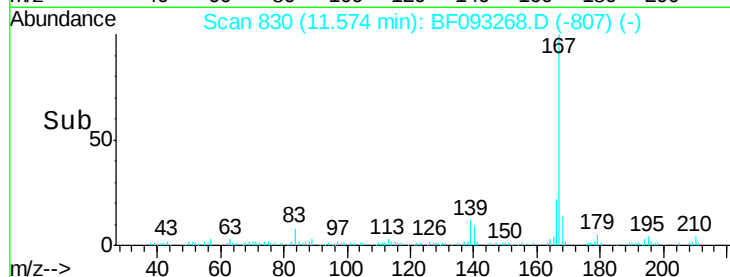
139 12.4 11.4 17.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Fluoranthene

Concen: 52.32 ng

RT: 12.55 min Scan# 915

Delta R.T. -0.05 min

Lab File: BF093268.D

Acq: 1 Mar 2017 2:42

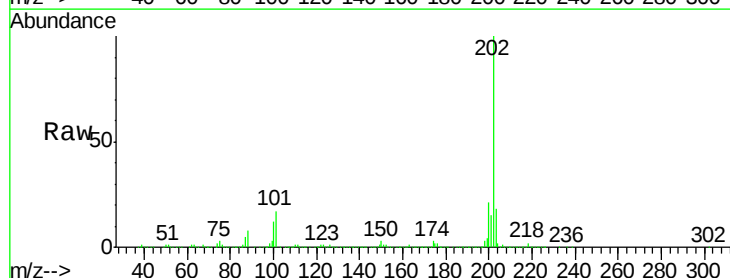
Tgt Ion:202 Resp: 940050

Ion Ratio Lower Upper

202 100

101 17.0 0.0 34.6

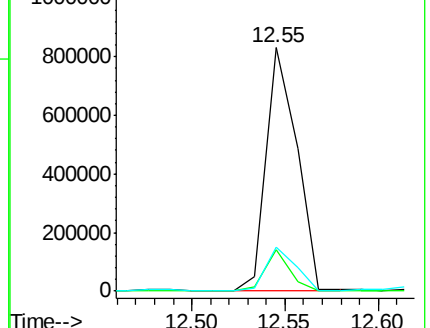
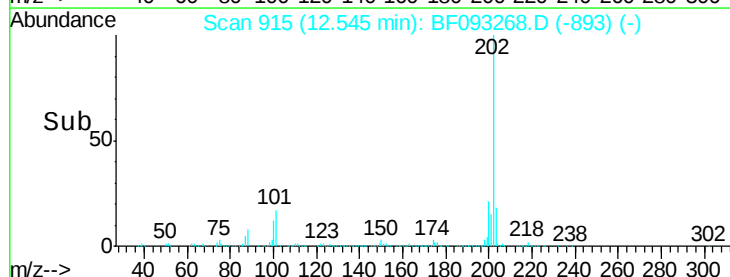
203 18.2 0.0 38.7

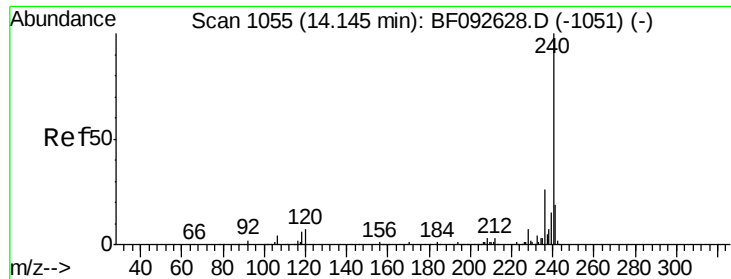


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.97 min Scan# 1040

Delta R.T. -0.05 min

Lab File: BF093268.D

Acq: 1 Mar 2017 2:42

Instrument :

BNA_F

ClientSampleId :

E2-B1E-ESW-2DL

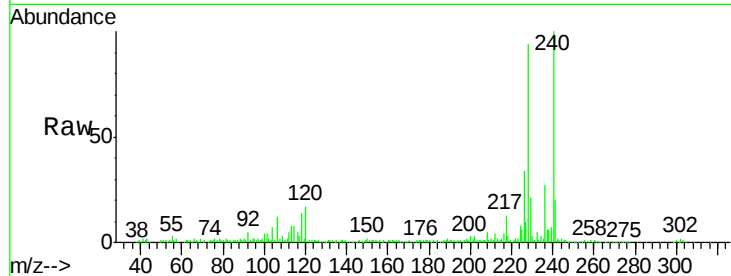
Tgt Ion:240 Resp: 266775

Ion Ratio Lower Upper

240 100

120 17.0 12.9 19.3

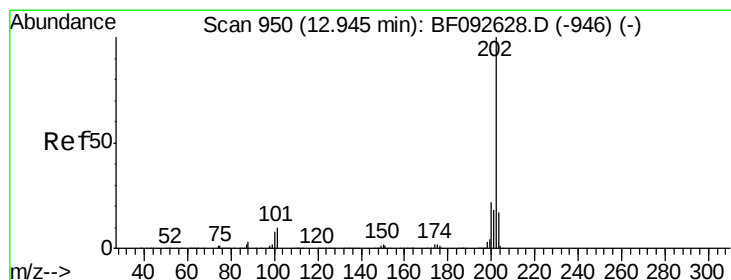
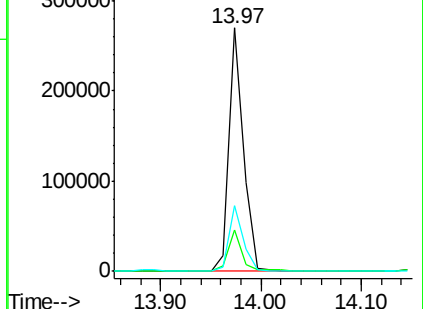
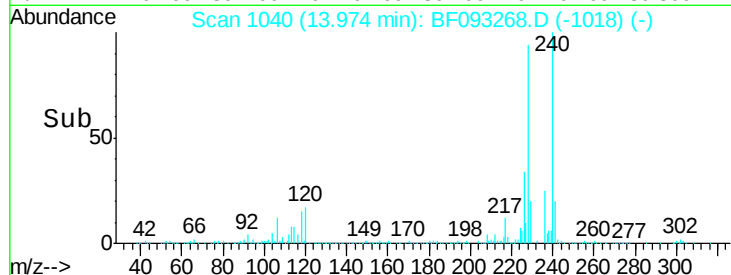
236 26.7 20.9 31.3



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: 48.53 ng

RT: 12.77 min Scan# 935

Delta R.T. -0.05 min

Lab File: BF093268.D

Acq: 1 Mar 2017 2:42

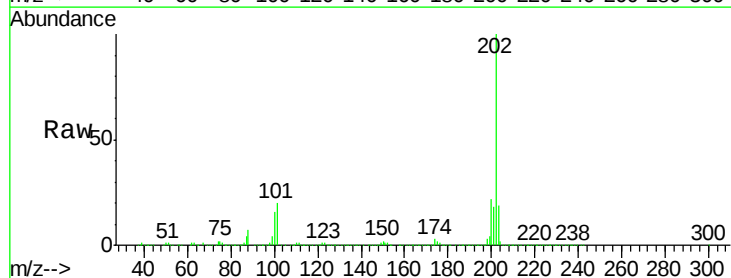
Tgt Ion:202 Resp: 968874

Ion Ratio Lower Upper

202 100

200 21.8 17.7 26.5

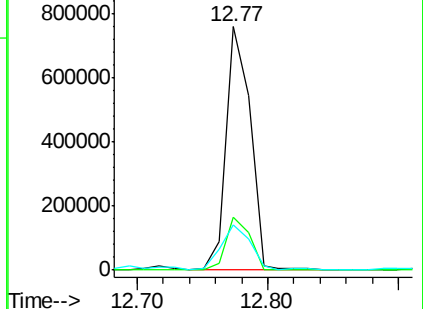
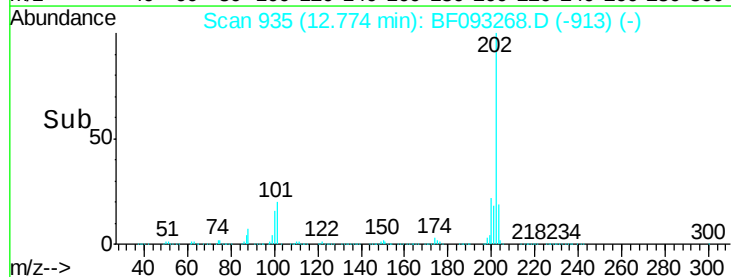
203 18.6 14.7 22.1

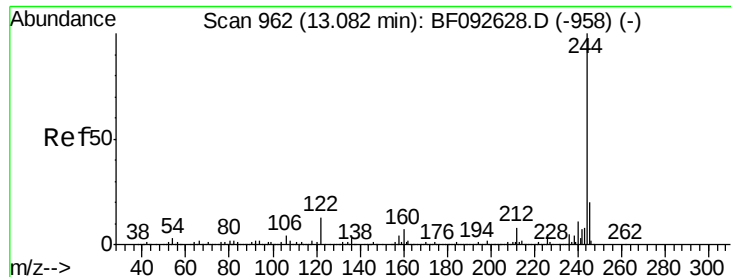


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

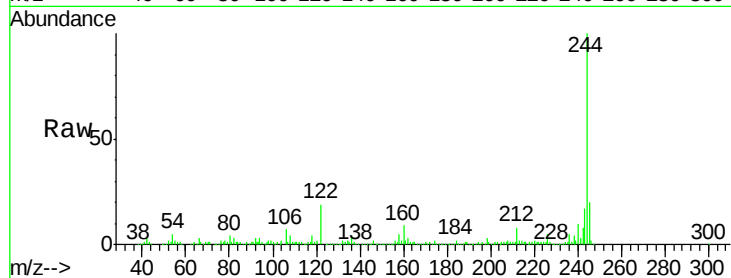




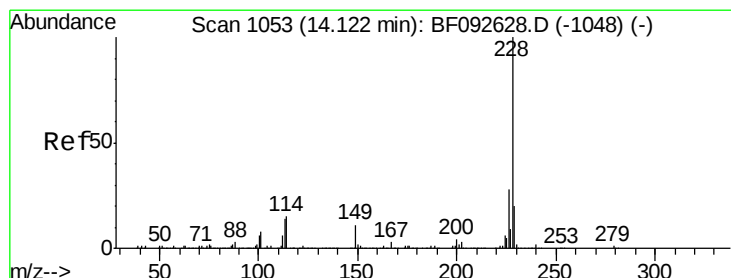
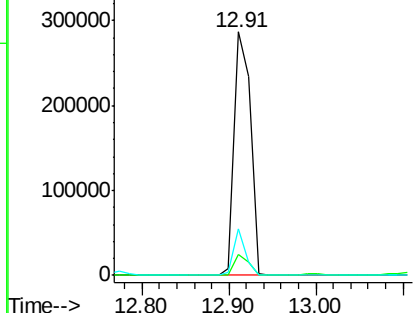
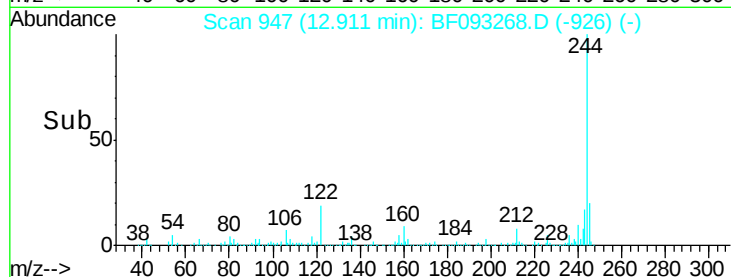
#78
 Terphenyl-d14
 Concen: 32.39 ng
 RT: 12.91 min Scan# 947
 Delta R.T. -0.06 min
 Lab File: BF093268.D
 Acq: 1 Mar 2017 2:42

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

Tgt Ion:244 Resp: 367743
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.2 9.2
 122 19.1 11.4 17.2#

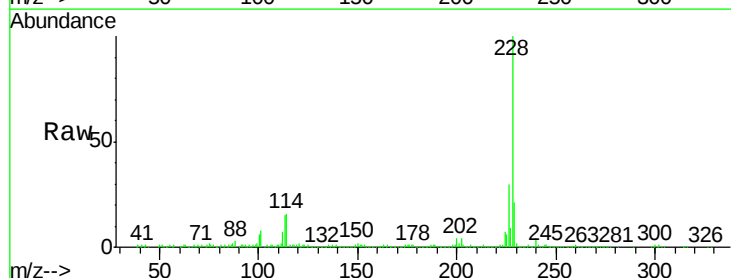


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

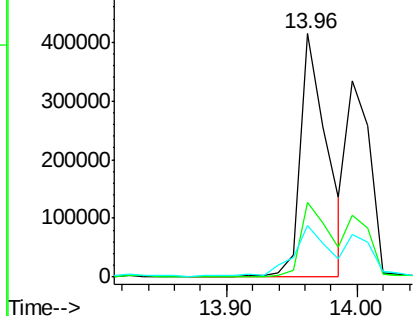
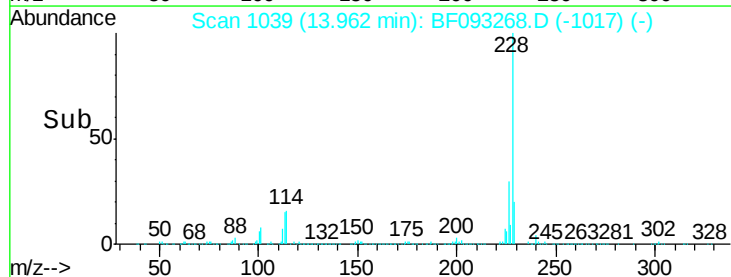


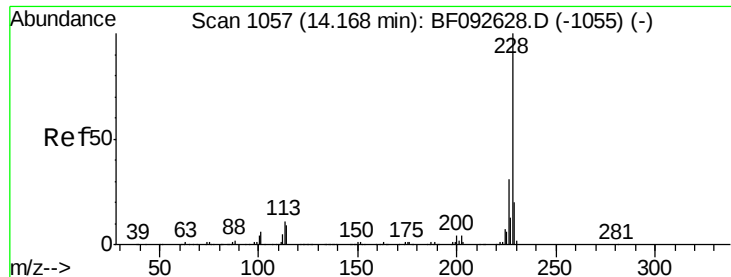
#80
 Benzo(a)anthracene
 Concen: 35.64 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. -0.05 min
 Lab File: BF093268.D
 Acq: 1 Mar 2017 2:42

Tgt Ion:228 Resp: 581485
 Ion Ratio Lower Upper
 228 100
 226 30.4 22.4 33.6
 229 21.0 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: 38.06 ng

RT: 13.96 min Scan# 1039

Delta R.T. -0.08 min

Lab File: BF093268.D

Acq: 1 Mar 2017 2:42

Instrument :

BNA_F

ClientSampleId :

E2-B1E-ESW-2DL

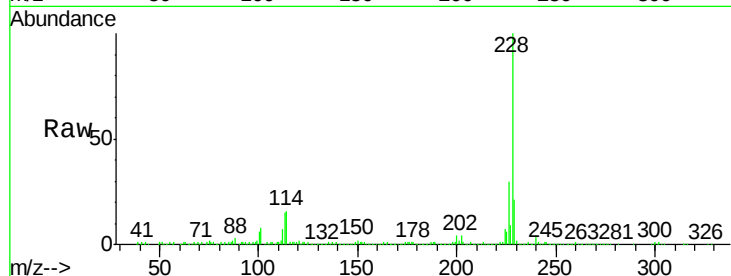
Tgt Ion:228 Resp: 581485

Ion Ratio Lower Upper

228 100

226 30.4 25.4 38.0

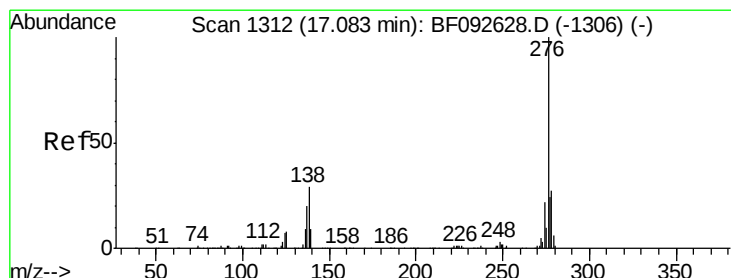
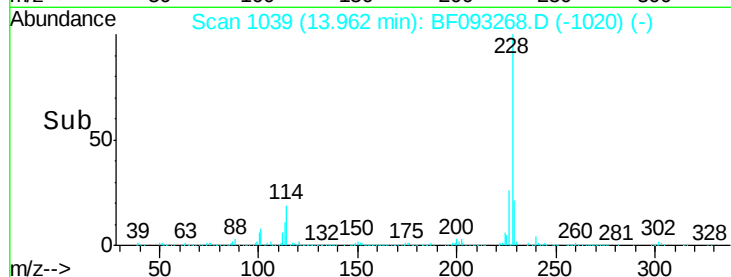
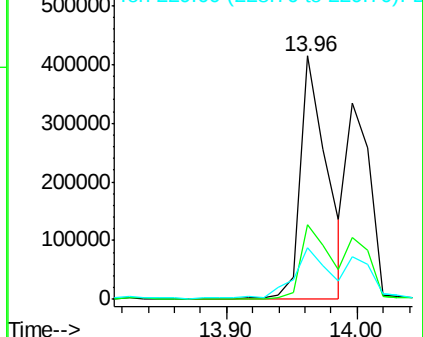
229 21.0 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 16.58 ng

RT: 16.80 min Scan# 1287

Delta R.T. -0.06 min

Lab File: BF093268.D

Acq: 1 Mar 2017 2:42

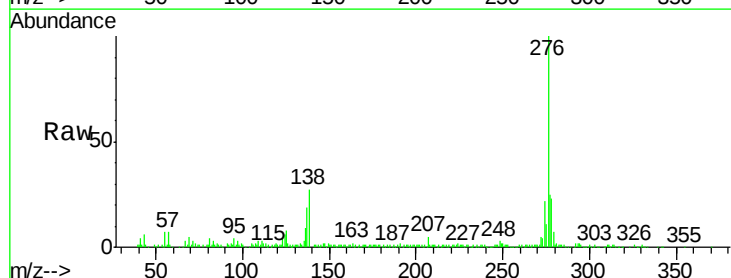
Tgt Ion:276 Resp: 196216

Ion Ratio Lower Upper

276 100

138 27.6 21.8 32.6

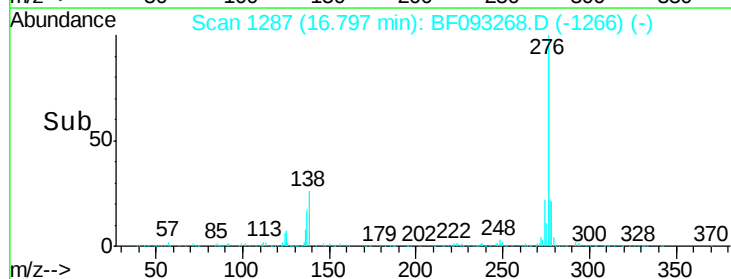
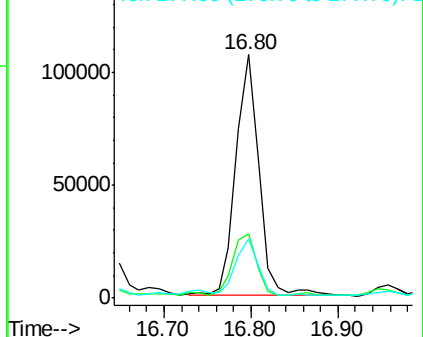
277 25.3 20.2 30.4

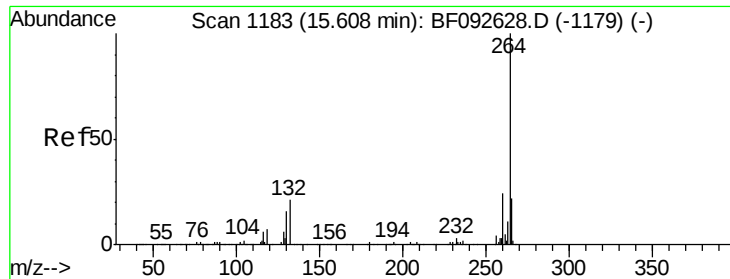


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#86

Perylene-d12

Concen: 20.00 ng

RT: 15.40 min Scan# 1165

Delta R.T. -0.05 min

Lab File: BF093268.D

Acq: 1 Mar 2017 2:42

Instrument :

BNA_F

ClientSampleId :

E2-B1E-ESW-2DL

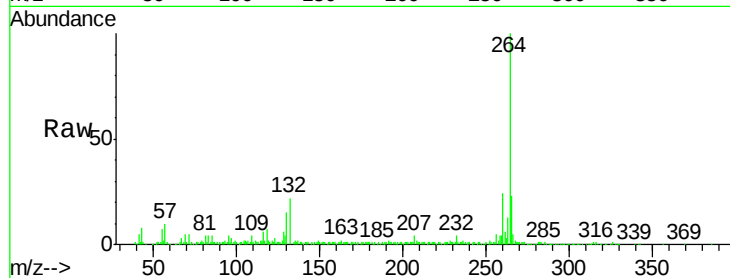
Tgt Ion:264 Resp: 187107

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

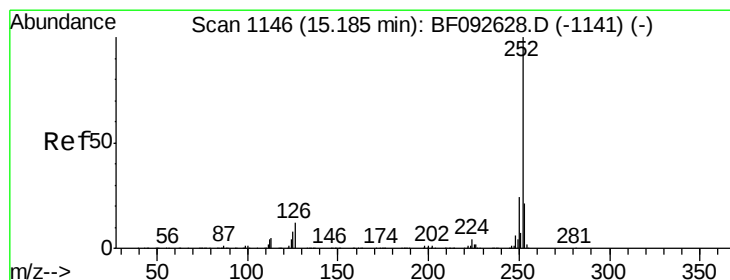
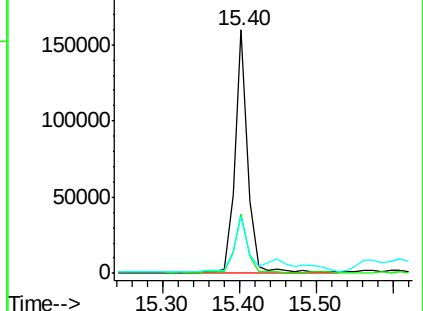
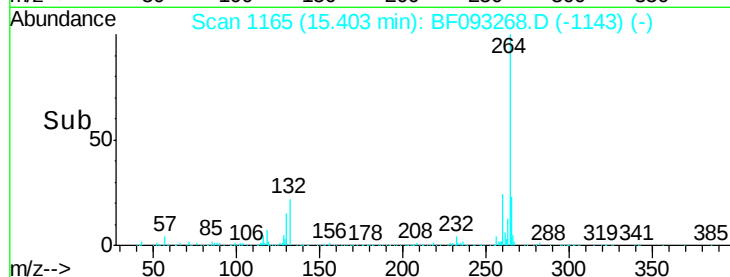
265 23.4 17.4 26.0



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: 54.65 ng

RT: 15.00 min Scan# 1130

Delta R.T. -0.03 min

Lab File: BF093268.D

Acq: 1 Mar 2017 2:42

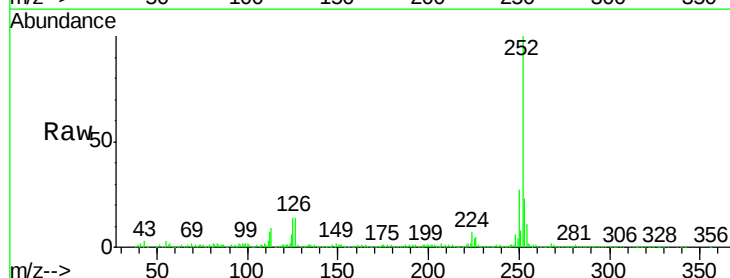
Tgt Ion:252 Resp: 673020

Ion Ratio Lower Upper

252 100

253 23.5 18.2 27.4

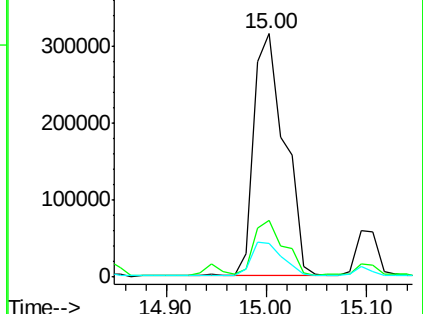
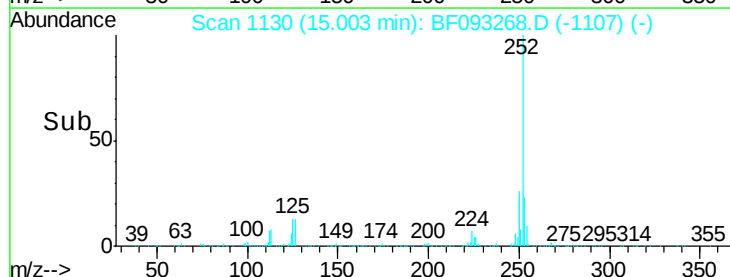
125 14.0 9.8 14.6

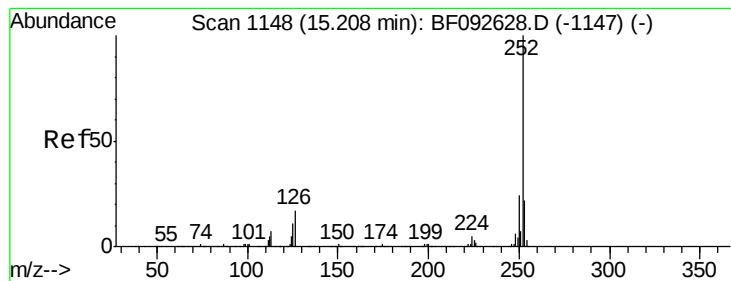


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 63.29 ng

RT: 15.00 min Scan# 1130

Delta R.T. -0.07 min

Lab File: BF093268.D

Acq: 1 Mar 2017 2:42

Instrument :

BNA_F

ClientSampleId :

E2-B1E-ESW-2DL

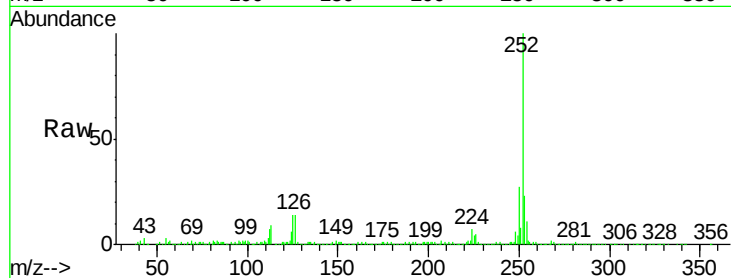
Tgt Ion:252 Resp: 673020

Ion Ratio Lower Upper

252 100

253 23.5 18.5 27.7

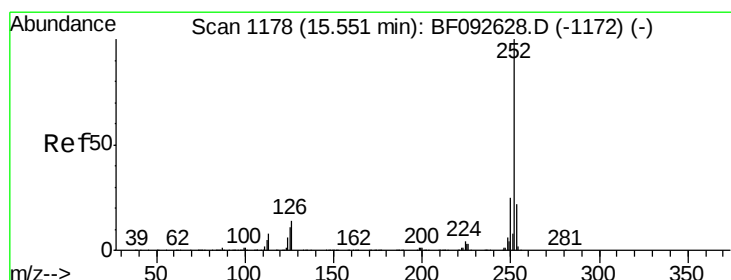
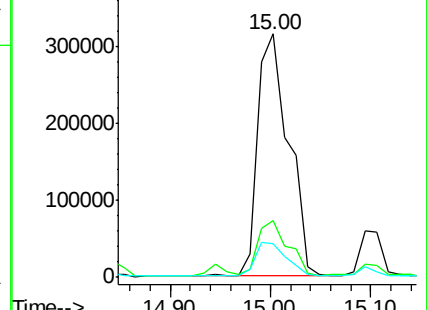
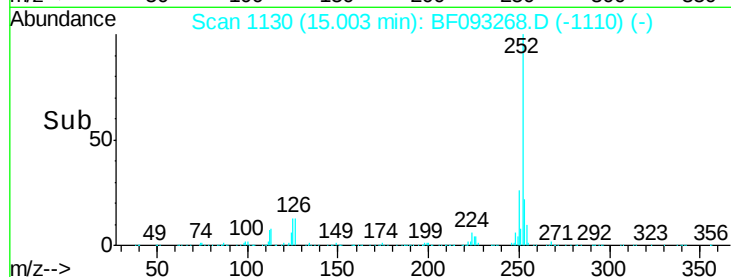
125 14.0 8.9 13.3#



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: 30.16 ng

RT: 15.35 min Scan# 1160

Delta R.T. -0.05 min

Lab File: BF093268.D

Acq: 1 Mar 2017 2:42

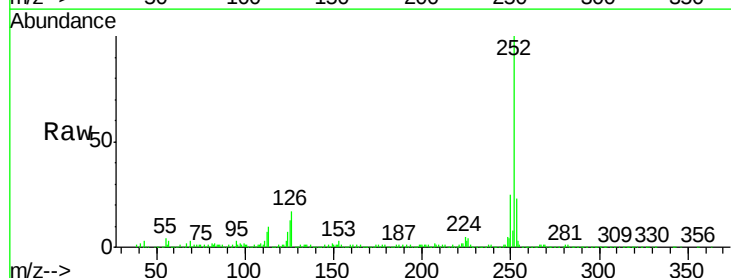
Tgt Ion:252 Resp: 321294

Ion Ratio Lower Upper

252 100

253 23.3 18.2 27.2

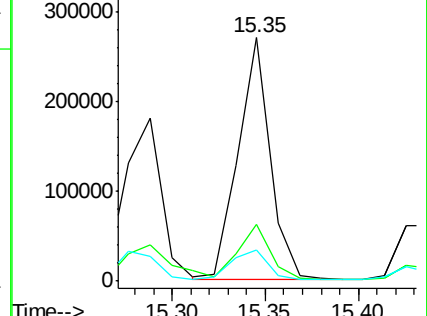
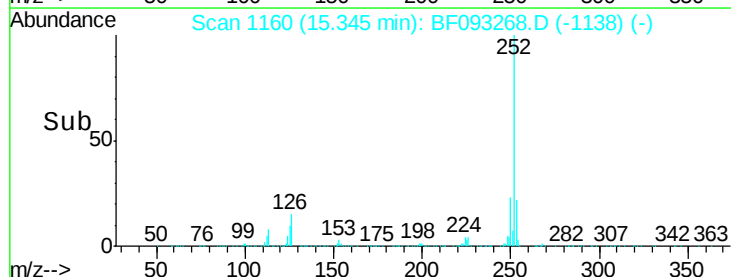
125 12.8 10.0 15.0

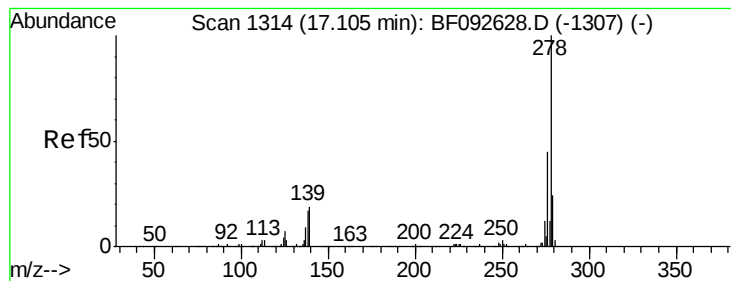


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 6.10 ng

RT: 16.80 min Scan# 1287

Delta R.T. -0.07 min

Lab File: BF093268.D

Acq: 1 Mar 2017 2:42

Instrument :

BNA_F

ClientSampleId :

E2-B1E-ESW-2DL

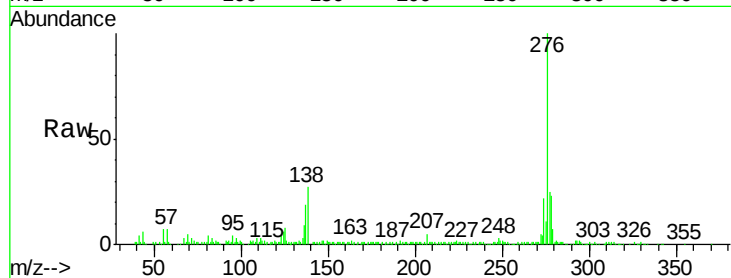
Tgt Ion:278 Resp: 52513

Ion Ratio Lower Upper

278 100

139 0.0 14.8 22.2#

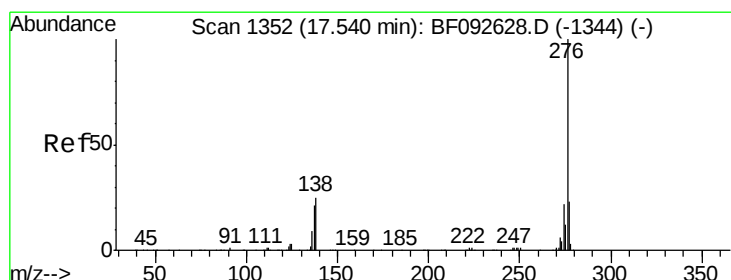
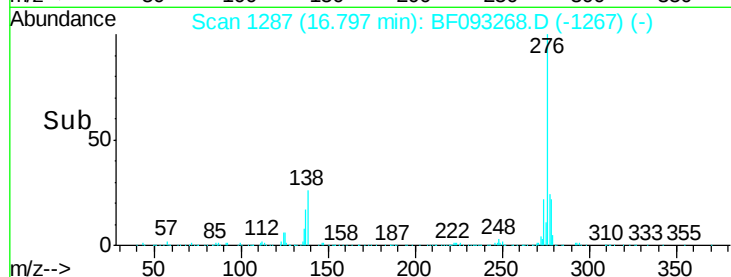
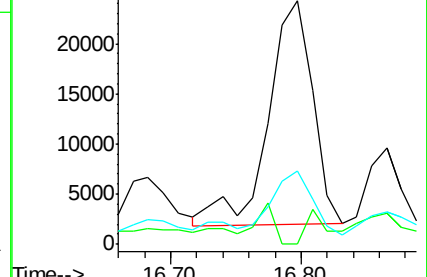
279 30.1 19.8 29.6#



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: 21.62 ng

RT: 17.22 min Scan# 1324

Delta R.T. -0.07 min

Lab File: BF093268.D

Acq: 1 Mar 2017 2:42

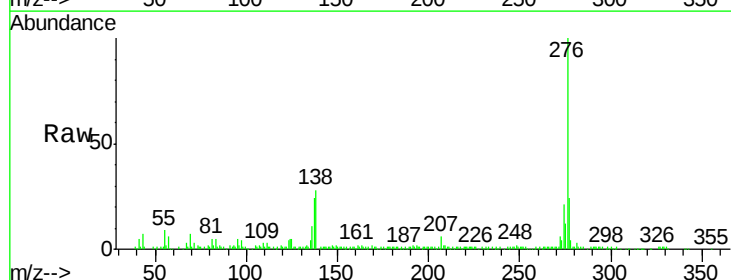
Tgt Ion:276 Resp: 188074

Ion Ratio Lower Upper

276 100

277 23.6 19.2 28.8

138 28.0 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

