

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031517\
 Data File : BF093686.D
 Acq On : 15 Mar 2017 23:38
 Operator : SJ/MA
 Sample : I2264-03 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-BB7-SSW

Quant Time: Mar 16 03:32:49 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 15:05:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	159792	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	557349	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	205724	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	269498	20.00	ng	0.01
75) Chrysene-d12	13.91	240	242073	20.00	ng	0.02
86) Perylene-d12	15.32	264	339604	20.00	ng	0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	660111	68.75	ng	-0.01
7) Phenol-d6	6.37	99	927669	76.62	ng	-0.01
23) Nitrobenzene-d5	7.28	82	511931	50.96	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	84573	63.10	ng	0.01
44) 2-Fluorobiphenyl	9.09	172	642367	58.08	ng	0.00
78) Terphenyl-d14	12.84	244	371052	39.85	ng	0.01

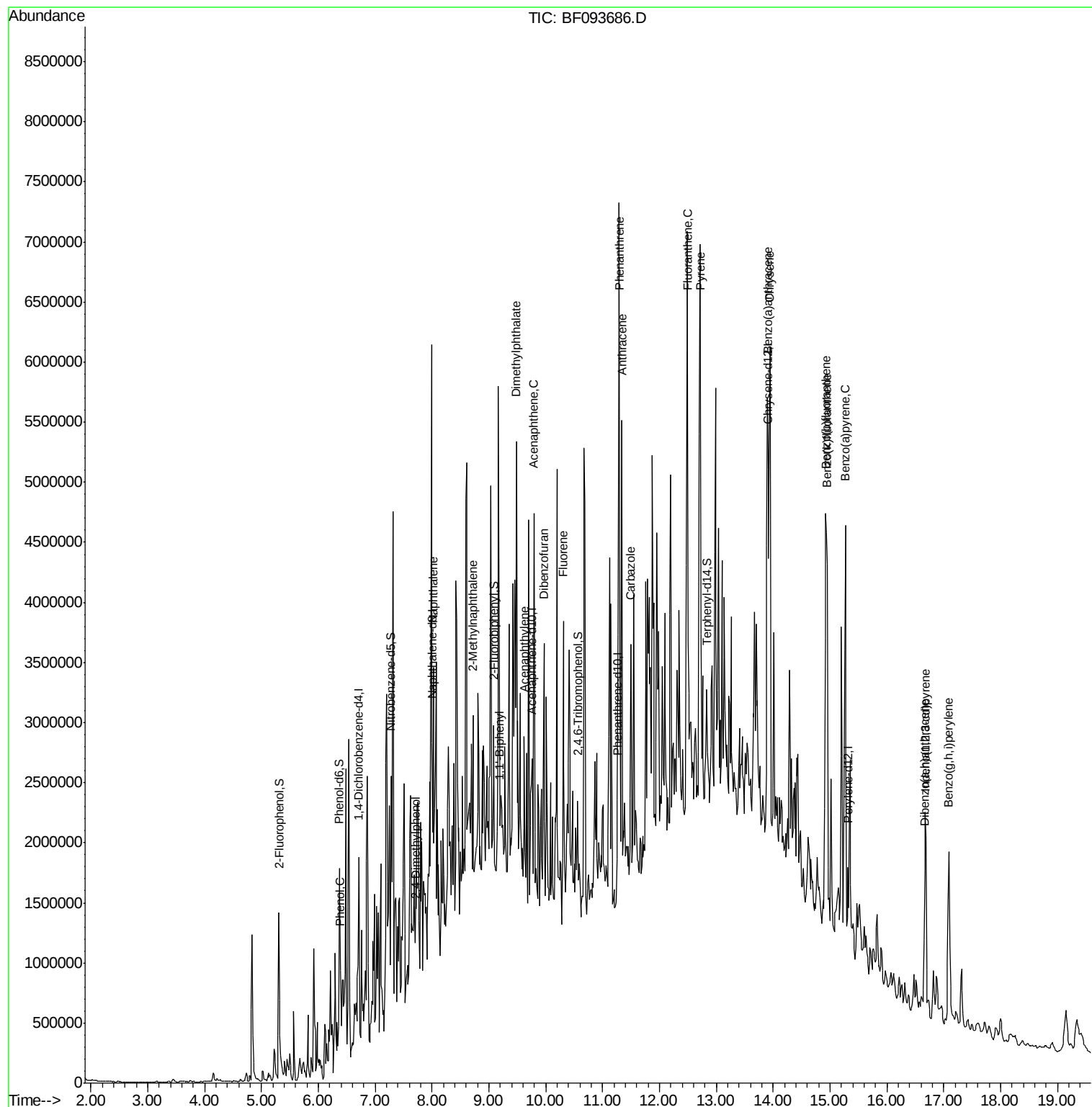
Target Compounds				Qvalue		
10) Phenol	6.39	94	109608	7.39	ng	90
27) 2,4-Dimethylphenol	7.70	122	56022m	6.69	ng	
31) Naphthalene	8.02	128	751066	26.89	ng	99
37) 2-Methylnaphthalene	8.72	142	458804	25.82	ng	98
45) 1,1'-Biphenyl	9.19	154	139796	9.33	ng	100
48) Acenaphthylene	9.62	152	103635	5.48	ng	# 66
49) Dimethylphthalate	9.49	163	129163	9.47	ng	98
51) Acenaphthene	9.80	154	698131	62.40	ng	97
54) Dibenzofuran	9.97	168	475474	33.96	ng	# 91
57) Fluorene	10.31	166	747351m	62.98	ng	
70) Phenanthrene	11.29	178	4614692	299.99	ng	99
71) Anthracene	11.34	178	1640420	105.42	ng	100
72) Carbazole	11.50	167	609610	41.70	ng	99
74) Fluoranthene	12.49	202	4124826	277.60	ng	96
77) Pyrene	12.72	202	4386964	249.18	ng	96
80) Benzo(a)anthracene	13.90	228	3370438m	235.77	ng	
82) Chrysene	13.95	228	2204152	166.65	ng	95
85) Indeno(1,2,3-cd)pyrene	16.69	276	1357042	122.57	ng	95
87) Benzo(b)fluoranthene	14.93	252	3009618m	145.51	ng	
88) Benzo(k)fluoranthene	14.94	252	1024105m	51.34	ng	
89) Benzo(a)pyrene	15.27	252	2434851	128.81	ng	98
90) Dibenzo(a,h)anthracene	16.67	278	328961m	21.04	ng	
91) Benzo(g,h,i)perylene	17.09	276	1306819	81.42	ng	# 87

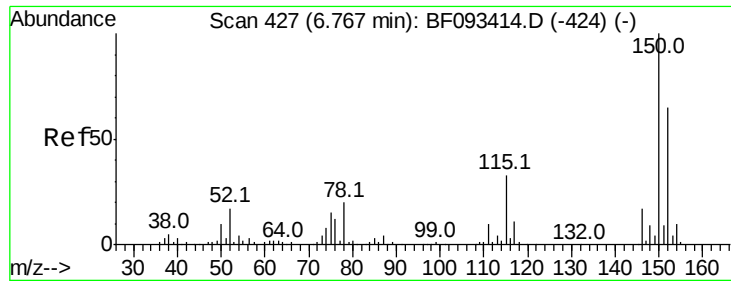
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.71 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF093686.D

Acq: 15 Mar 2017 23:38

Instrument :

BNA_F

ClientSampleId :

E2-BB7-SSW

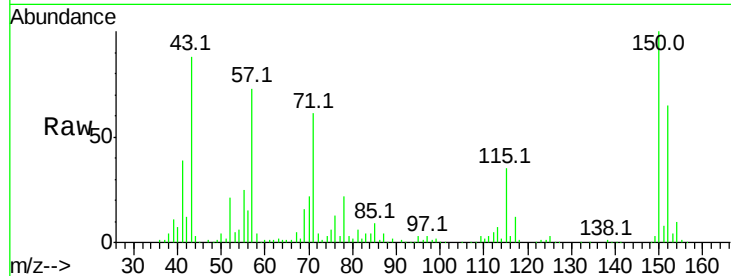
Tot Ion:152 Resp: 159792

Ion Ratio Lower Upper

152 100

150 154.4 124.9 187.3

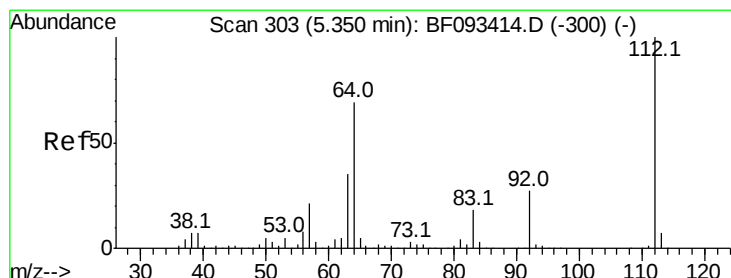
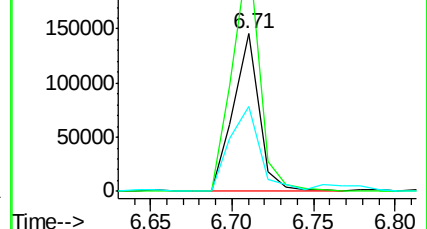
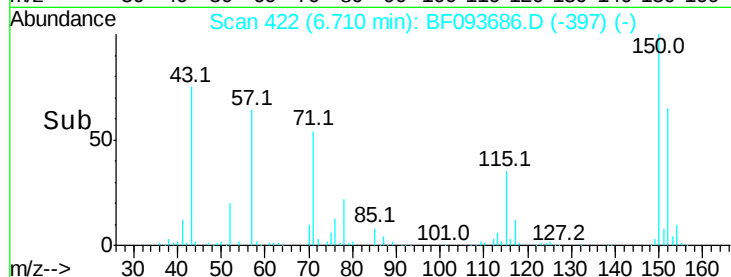
115 54.2 46.0 69.0



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: 68.75 ng

RT: 5.30 min Scan# 299

Delta R.T. -0.01 min

Lab File: BF093686.D

Acq: 15 Mar 2017 23:38

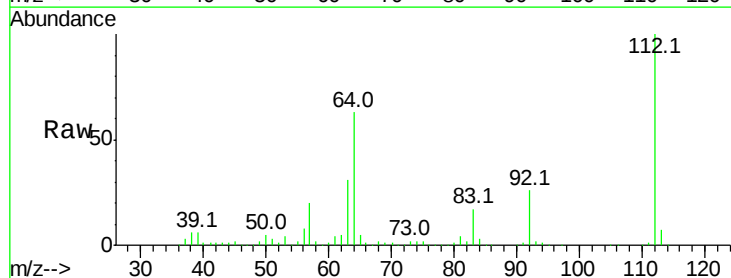
Tgt Ion:112 Resp: 660111

Ion Ratio Lower Upper

112 100

64 62.6 46.1 69.1

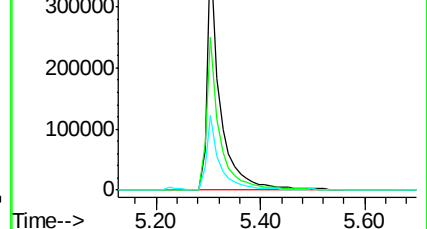
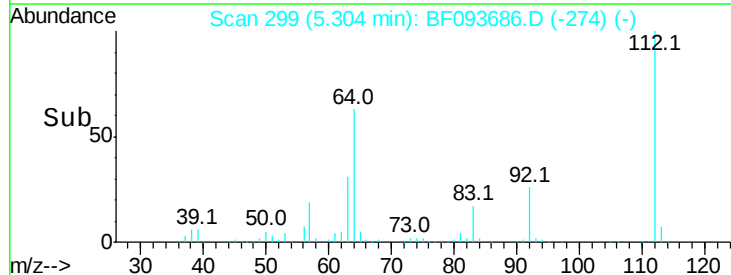
63 30.7 23.8 35.6

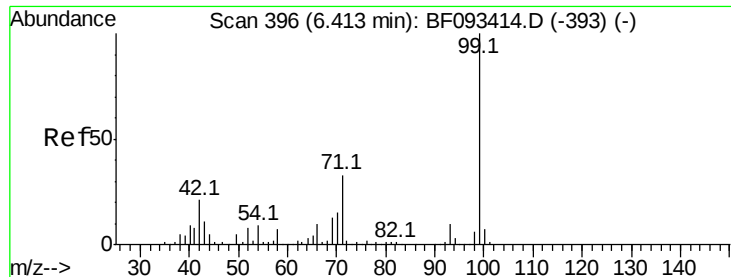


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 76.62 ng

RT: 6.37 min Scan# 392

Delta R.T. -0.01 min

Lab File: BF093686.D

Acq: 15 Mar 2017 23:38

Instrument :

BNA_F

ClientSampleId :

E2-BB7-SSW

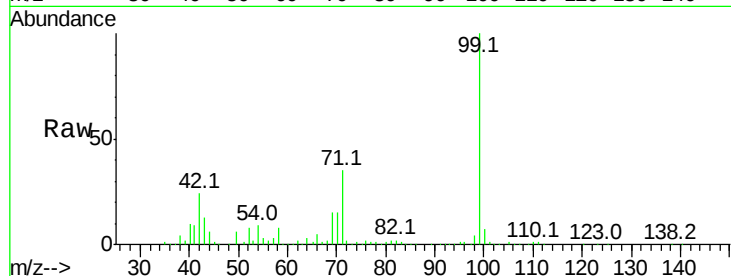
Tot Ion: 99 Resp: 927669

Ion Ratio Lower Upper

99 100

42 23.7 15.6 23.4#

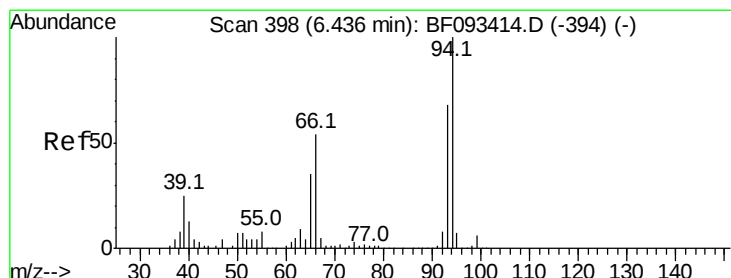
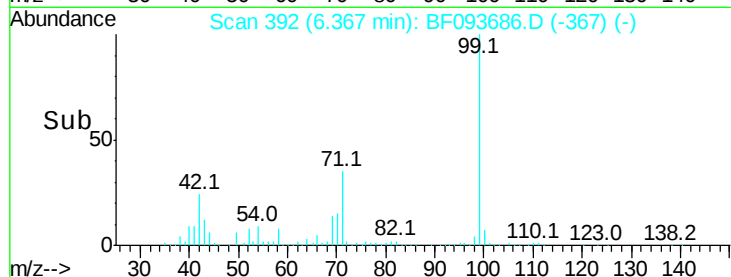
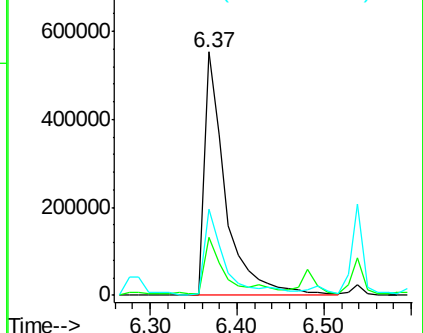
71 35.3 27.5 41.3



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: 7.39 ng

RT: 6.39 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF093686.D

Acq: 15 Mar 2017 23:38

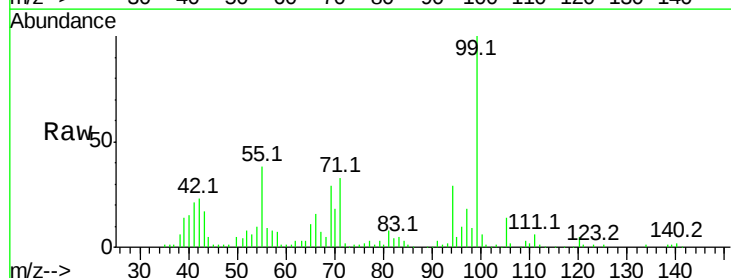
Tgt Ion: 94 Resp: 109608

Ion Ratio Lower Upper

94 100

65 36.9 21.4 61.4

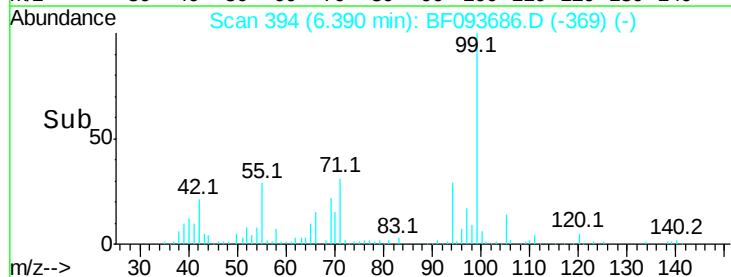
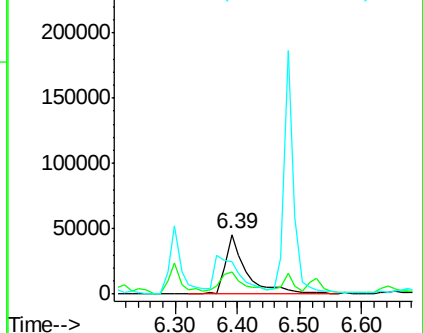
66 54.6 44.0 84.0

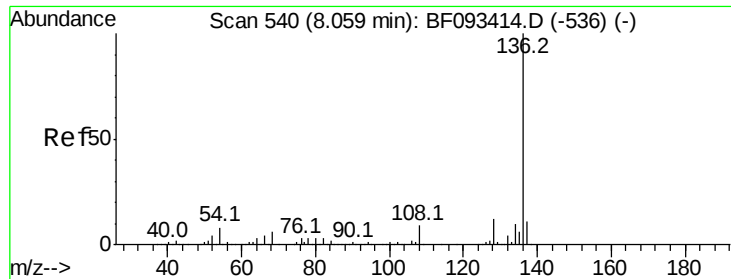


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.00 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF093686.D

Acq: 15 Mar 2017 23:38

Instrument :

BNA_F

ClientSampleId :

E2-BB7-SSW

Tot Ion:136 Resp: 557349

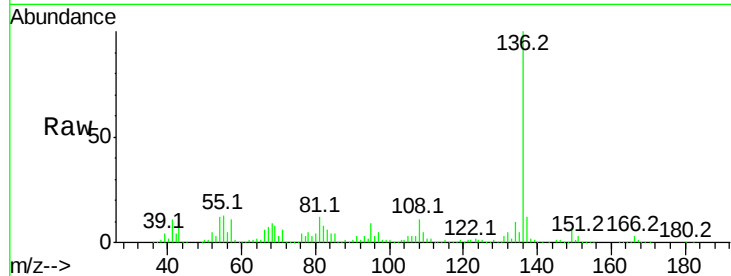
Ion Ratio Lower Upper

136 100

137 11.6 8.4 12.6

54 11.6 4.5 6.7#

68 9.0 3.6 5.4#

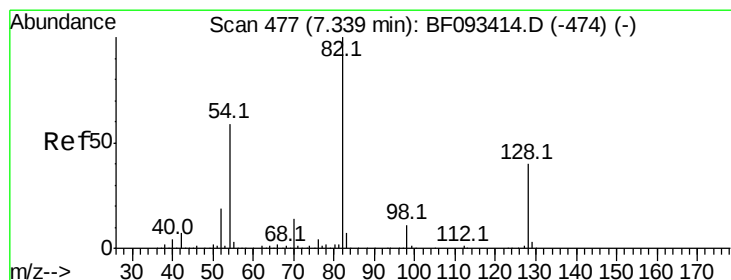
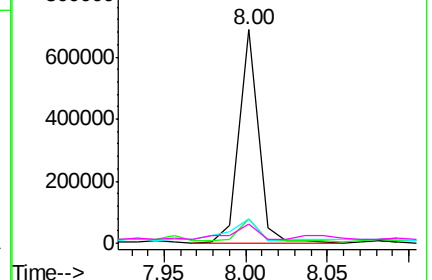
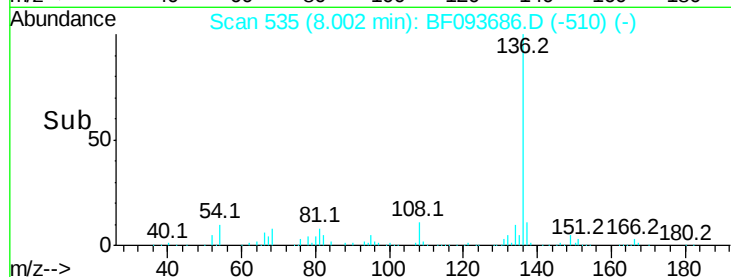


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 50.96 ng

RT: 7.28 min Scan# 472

Delta R.T. -0.02 min

Lab File: BF093686.D

Acq: 15 Mar 2017 23:38

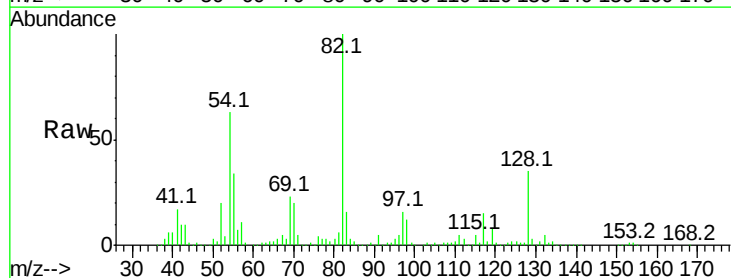
Tgt Ion: 82 Resp: 511931

Ion Ratio Lower Upper

82 100

128 35.0 34.6 52.0

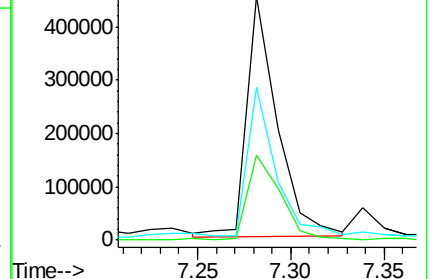
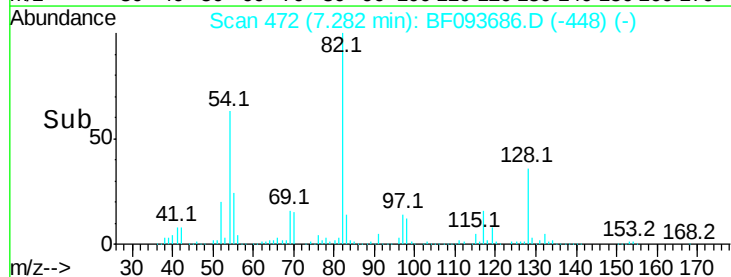
54 62.8 39.5 59.3#

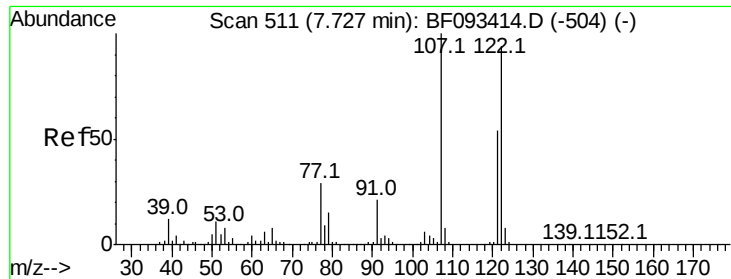


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#27

2,4-Dimethylphenol

Concen: 6.69 ng/mL

RT: 7.70 min Scan# 509

Delta R.T. 0.02 min

Lab File: BF093686.D

Acq: 15 Mar 2017 23:38

Instrument :

BNA_F

ClientSampleId :

E2-BB7-SSW

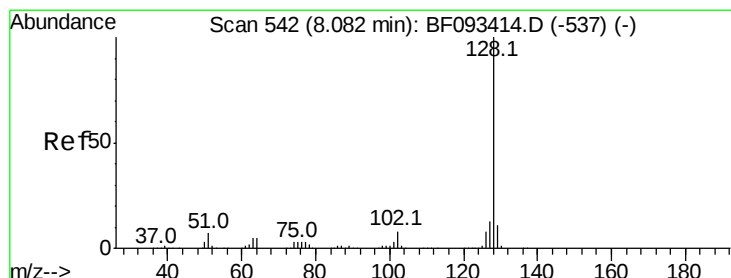
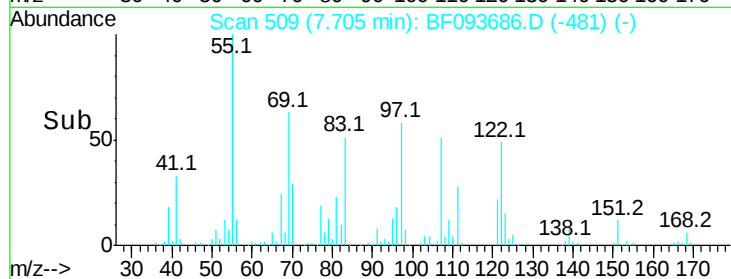
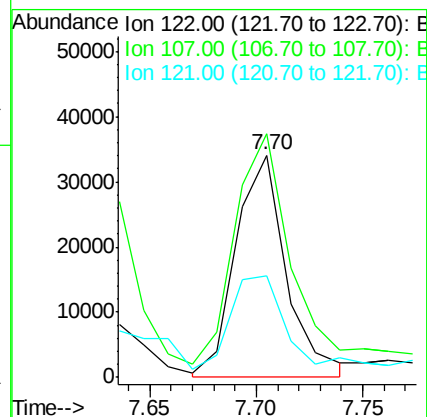
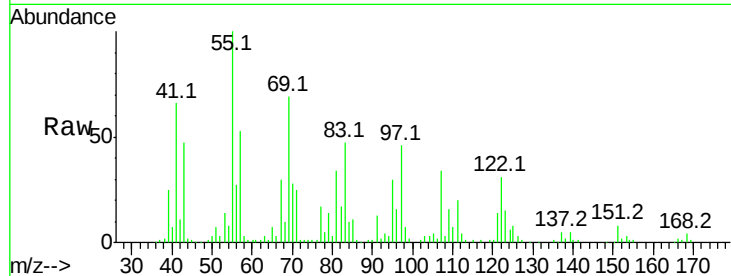
Tot Ion:122 Resp: 56022

Ion Ratio Lower Upper

122 100

107 109.7 94.1 141.1

121 45.8 46.0 69.0#



#31

Naphthalene

Concen: 26.89 ng/mL

RT: 8.02 min Scan# 537

Delta R.T. -0.01 min

Lab File: BF093686.D

Acq: 15 Mar 2017 23:38

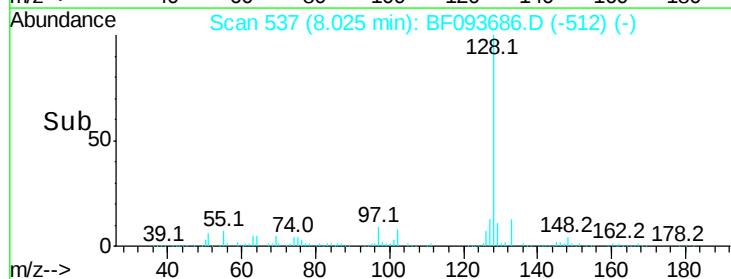
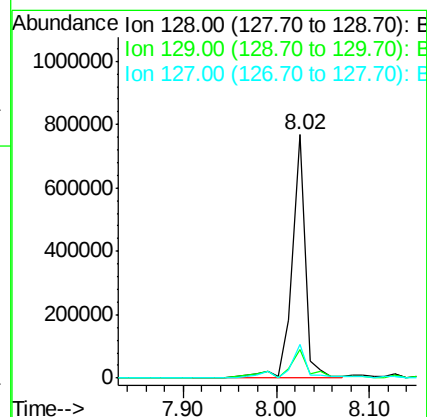
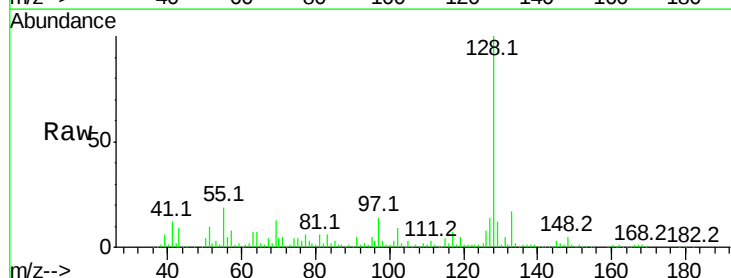
Tgt Ion:128 Resp: 751066

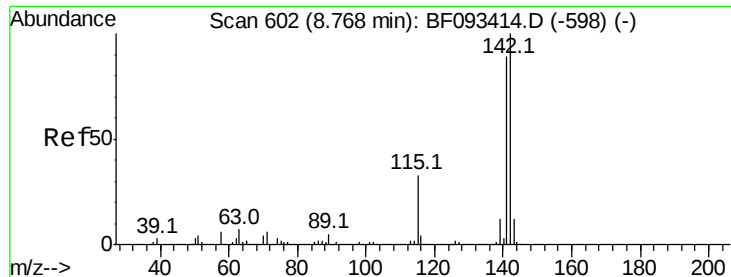
Ion Ratio Lower Upper

128 100

129 11.8 9.5 14.3

127 14.0 10.8 16.2

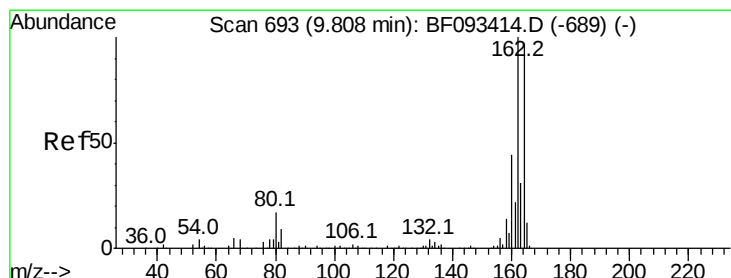
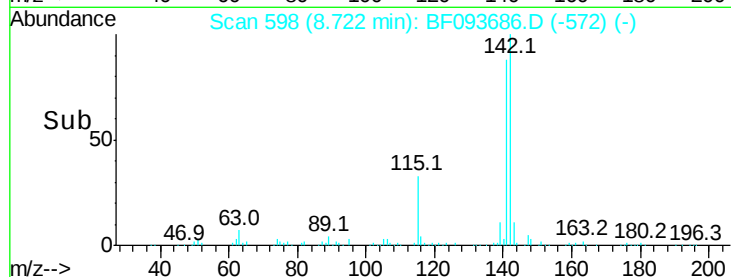
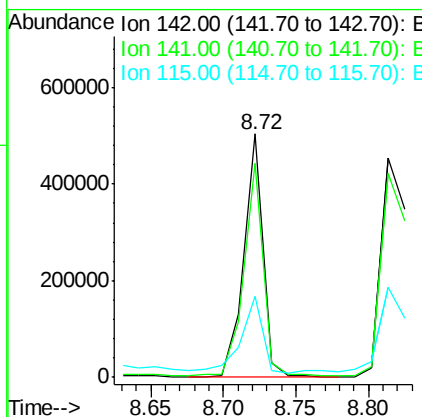
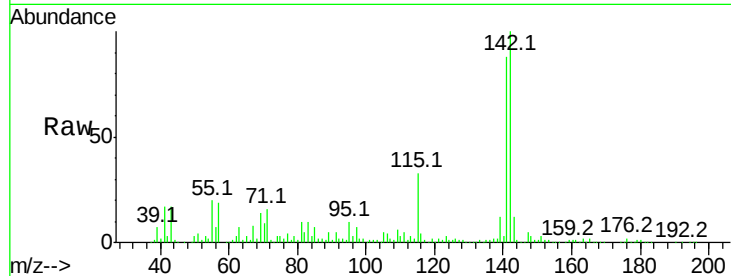




#37
2-Methylnaphthalene
Concen: 25.82 ng
RT: 8.72 min Scan# 598
Delta R.T. 0.00 min
Lab File: BF093686.D
Acq: 15 Mar 2017 23:38

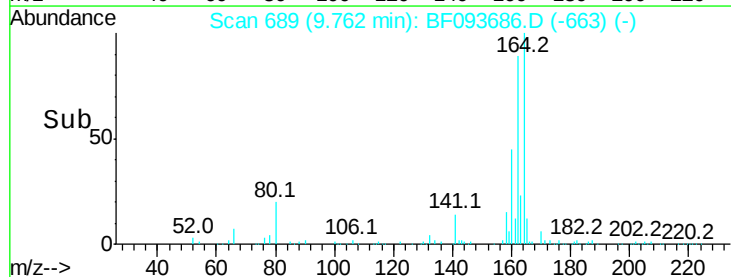
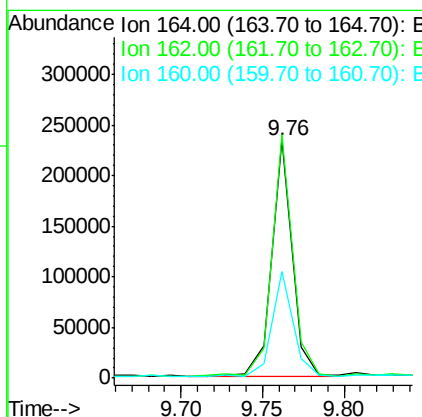
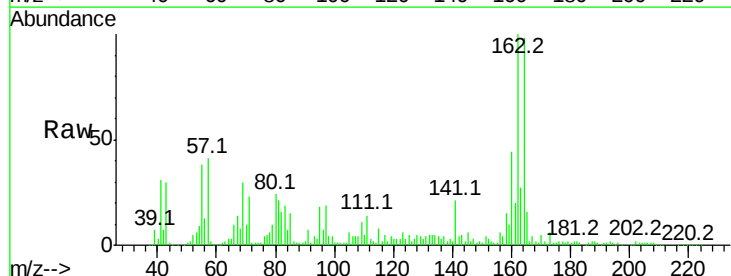
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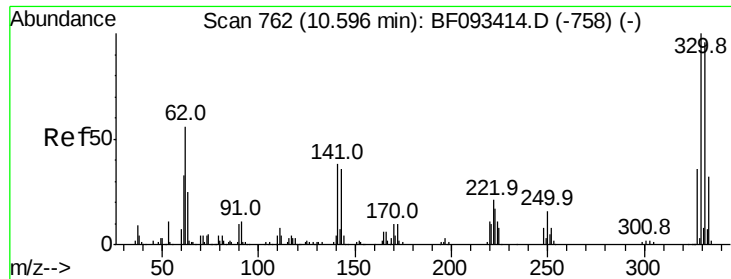
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	71.0	106.6
115	33.3	28.3	42.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.76 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF093686.D
Acq: 15 Mar 2017 23:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	80.2	120.2
160	44.9	36.9	55.3

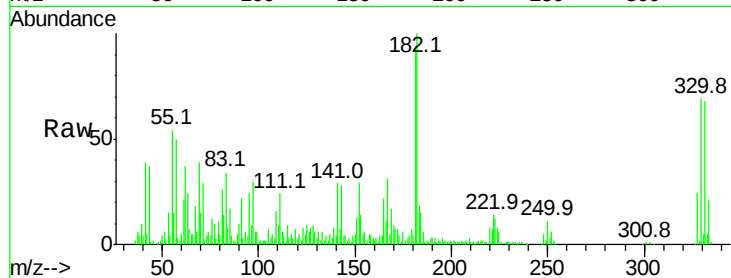




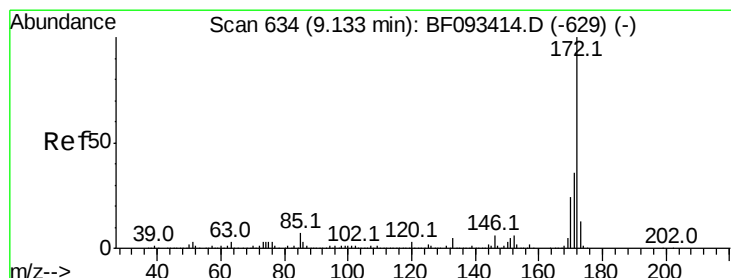
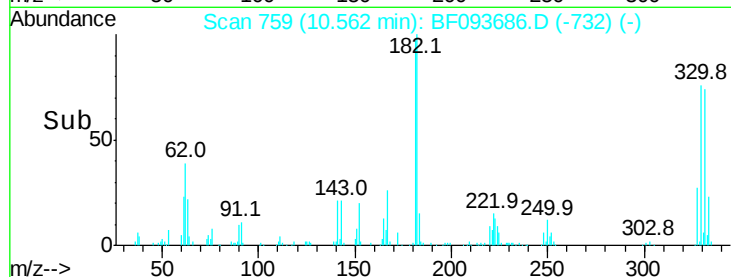
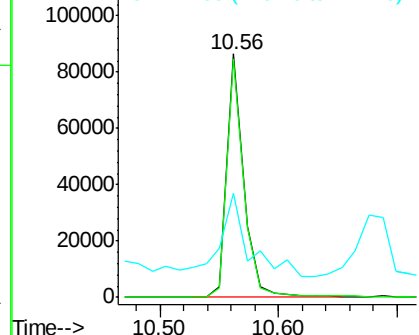
#41
 2,4,6-Tribromophenol
 Concen: 63.10 ng
 RT: 10.56 min Scan# 759
 Delta R.T. 0.01 min
 Lab File: BF093686.D
 Acq: 15 Mar 2017 23:38

Instrument :
 BNA_F
 ClientSampleId :
 E2-BB7-SSW

Tot Ion:330 Resp: 84573
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.4 116.2
 141 56.5 34.1 51.1#

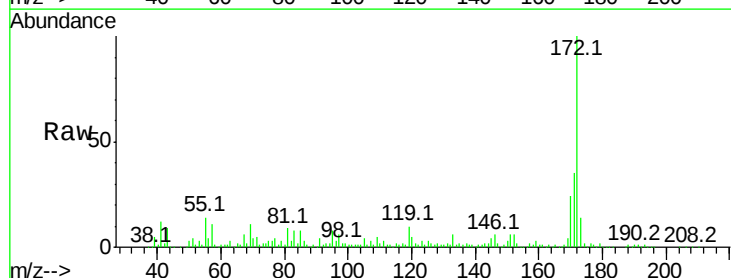


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

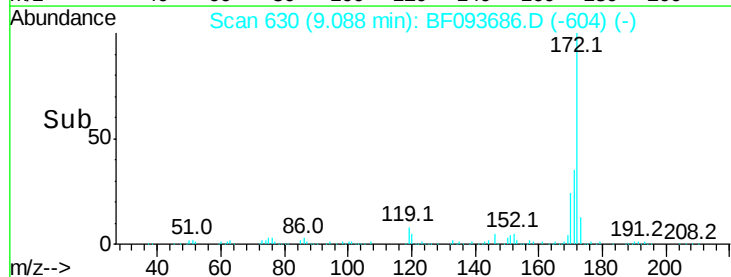
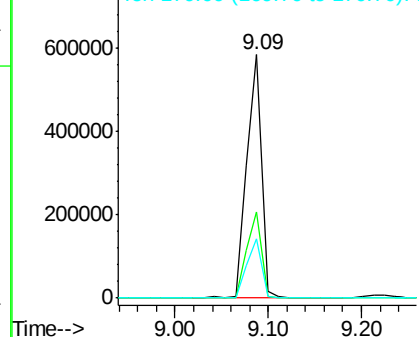


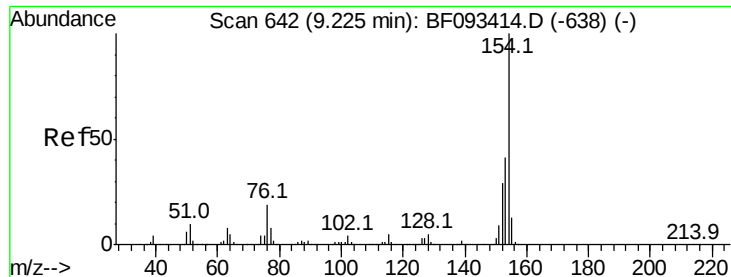
#44
 2-Fluorobiphenyl
 Concen: 58.08 ng
 RT: 9.09 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF093686.D
 Acq: 15 Mar 2017 23:38

Tgt Ion:172 Resp: 642367
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.4 44.0
 170 24.3 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: 9.33 ng

RT: 9.19 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF093686.D

Acq: 15 Mar 2017 23:38

Instrument :

BNA_F

ClientSampleId :

E2-BB7-SSW

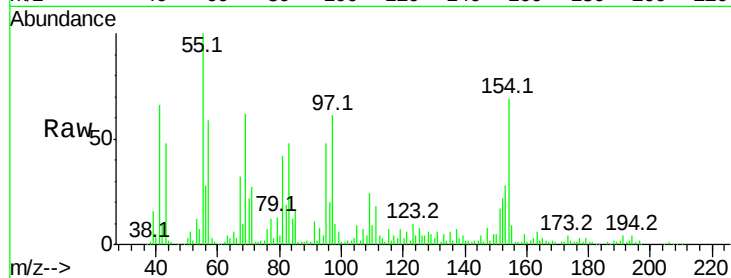
Tot Ion:154 Resp: 139796

Ion Ratio Lower Upper

154 100

153 41.0 20.9 60.9

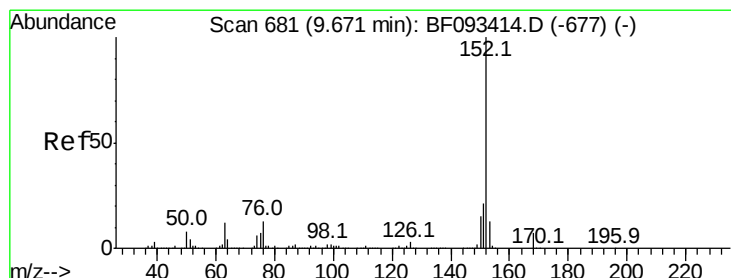
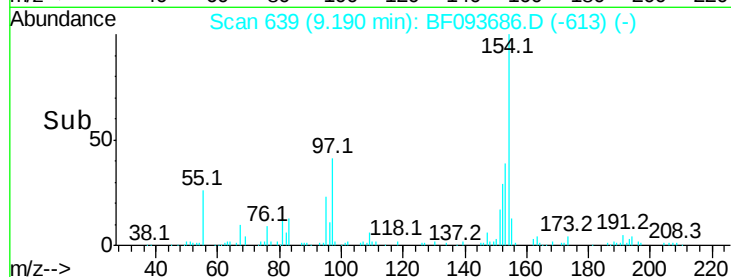
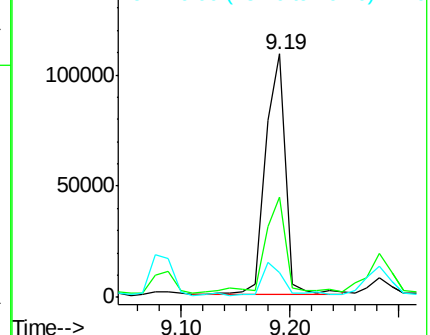
76 10.4 0.0 30.5



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: 5.48 ng

RT: 9.62 min Scan# 677

Delta R.T. 0.00 min

Lab File: BF093686.D

Acq: 15 Mar 2017 23:38

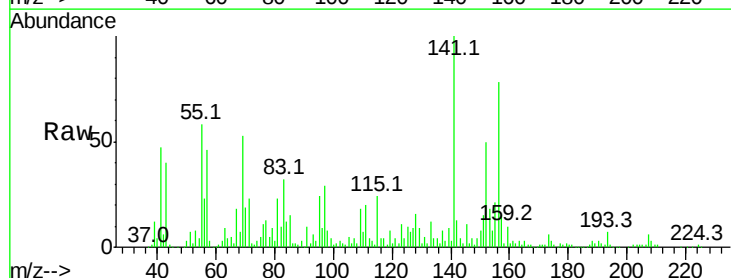
Tgt Ion:152 Resp: 103635

Ion Ratio Lower Upper

152 100

151 30.5 16.9 25.3#

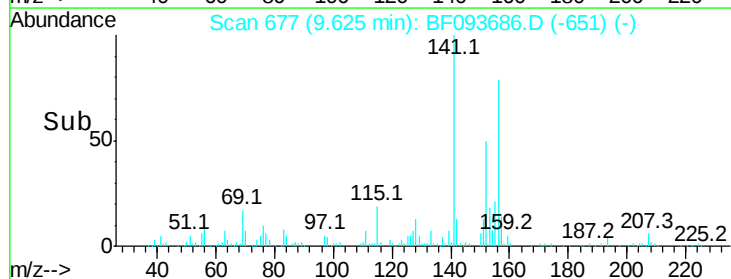
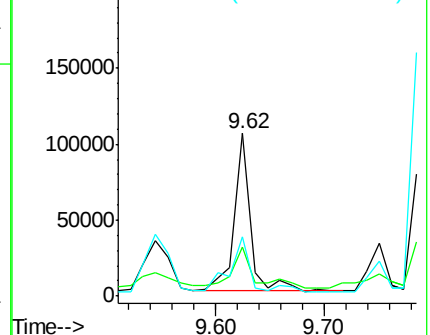
153 36.6 11.4 17.2#

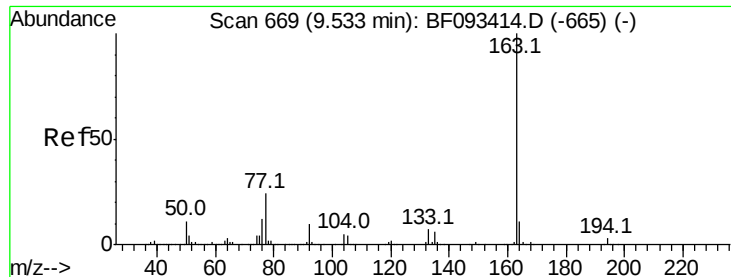


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

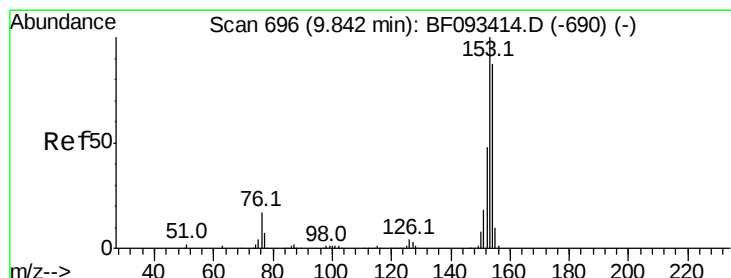
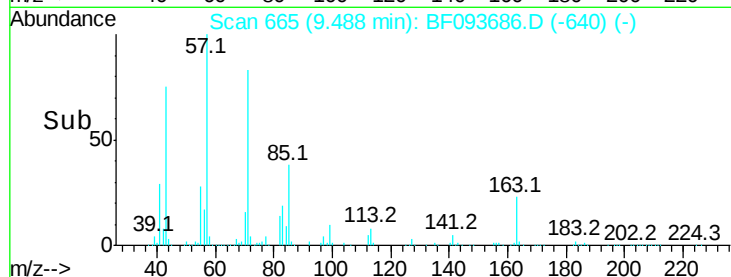
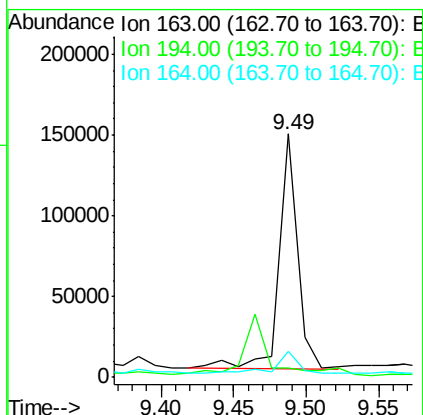
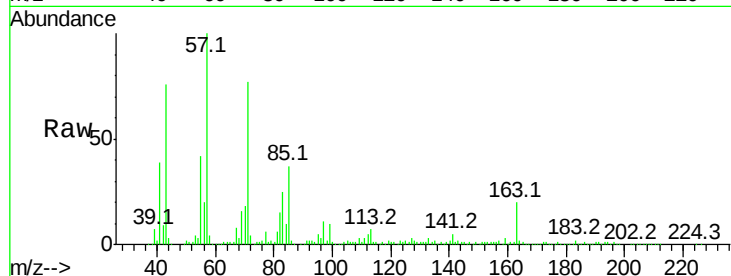




#49
Dimethylphthalate
Concen: 9.47 ng
RT: 9.49 min Scan# 665
Delta R.T. -0.01 min
Lab File: BF093686.D
Acq: 15 Mar 2017 23:38

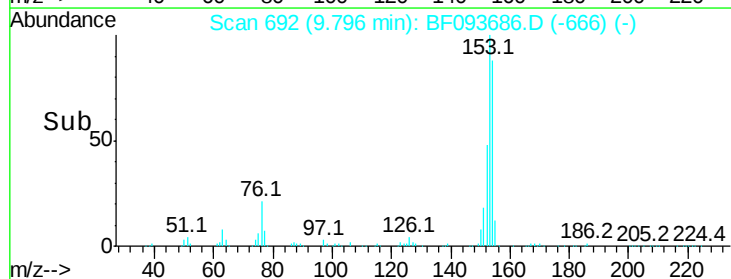
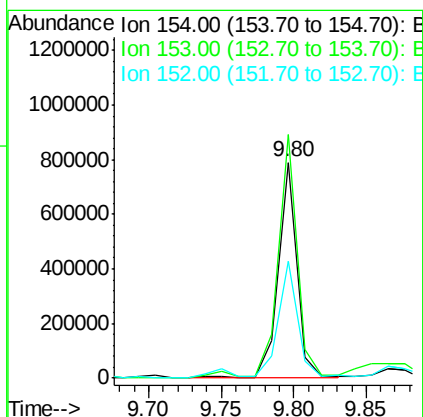
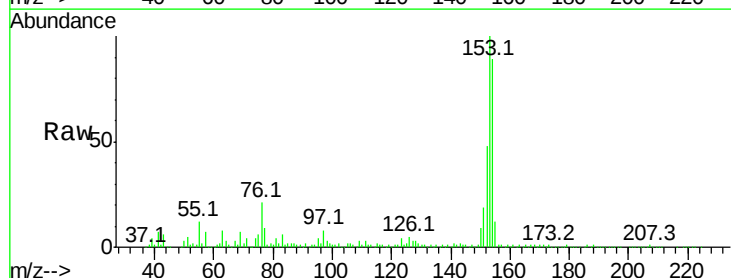
Instrument :
BNA_F
ClientSampleId :
E2-BB7-SSW

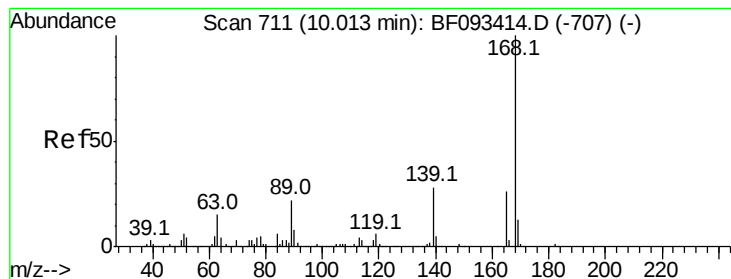
Tot Ion:163 Resp: 129163
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.4
164 10.6 8.0 12.0



#51
Acenaphthene
Concen: 62.40 ng
RT: 9.80 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF093686.D
Acq: 15 Mar 2017 23:38

Tgt Ion:154 Resp: 698131
Ion Ratio Lower Upper
154 100
153 113.0 88.6 133.0
152 54.5 41.6 62.4





#54

Dibenzenofuran

Concen: 33.96 ng

RT: 9.97 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF093686.D

Acq: 15 Mar 2017 23:38

Instrument :

BNA_F

ClientSampleId :

E2-BB7-SSW

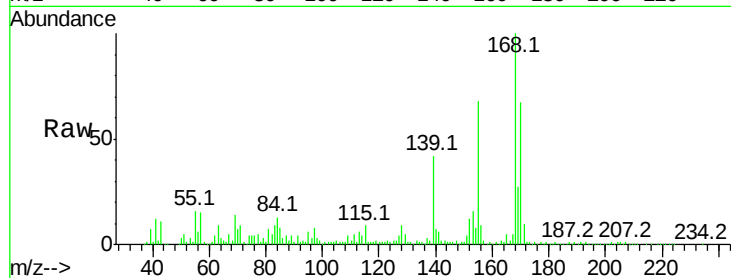
Tot Ion:168 Resp: 475474

Ion Ratio Lower Upper

168 100

139 41.7 32.6 49.0

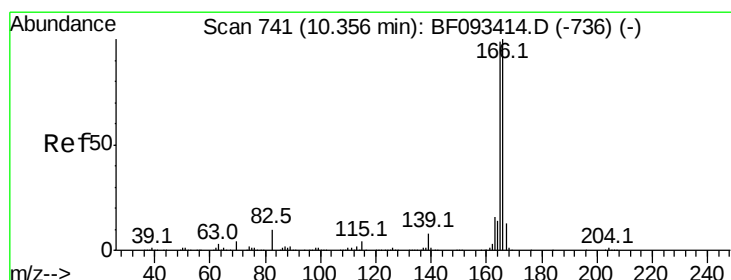
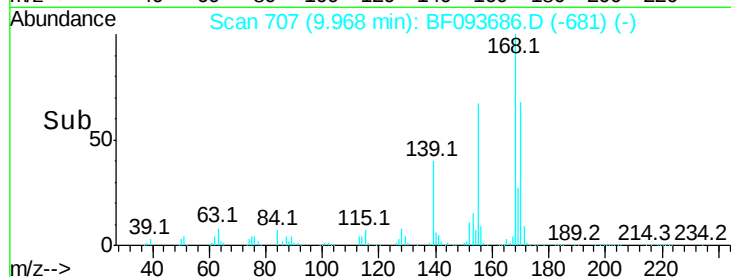
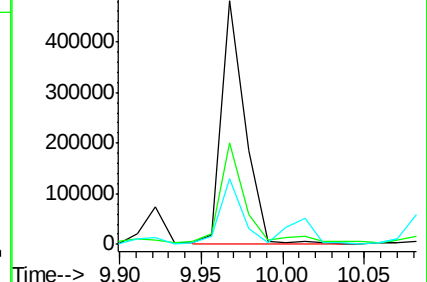
169 26.9 11.3 16.9#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#57

Fluorene

Concen: 62.98 ng m

RT: 10.31 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF093686.D

Acq: 15 Mar 2017 23:38

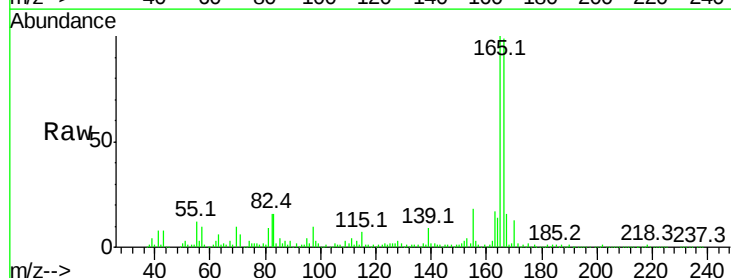
Tgt Ion:166 Resp: 747351

Ion Ratio Lower Upper

166 100

165 100.5 77.8 116.8

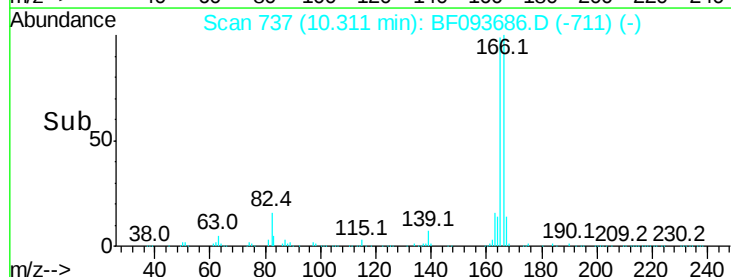
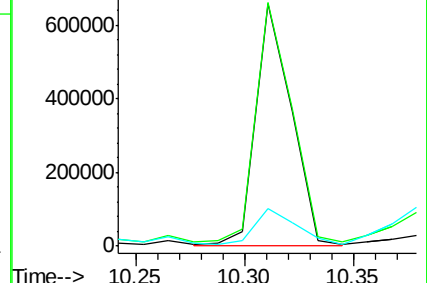
167 15.7 10.8 16.2

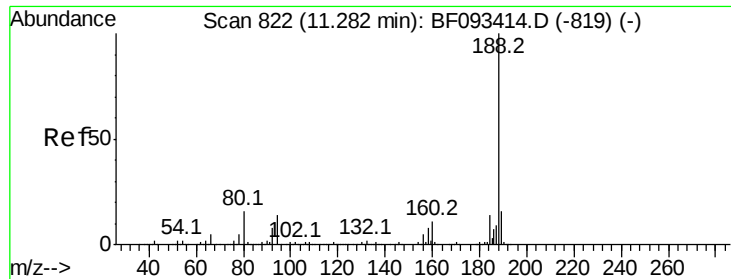


Abundance Ion 166.00 (165.70 to 166.70): E

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: 11.26 min Scan# 820

Delta R.T. 0.01 min

Lab File: BF093686.D

Acq: 15 Mar 2017 23:38

Instrument :

BNA_F

ClientSampleId :

E2-BB7-SSW

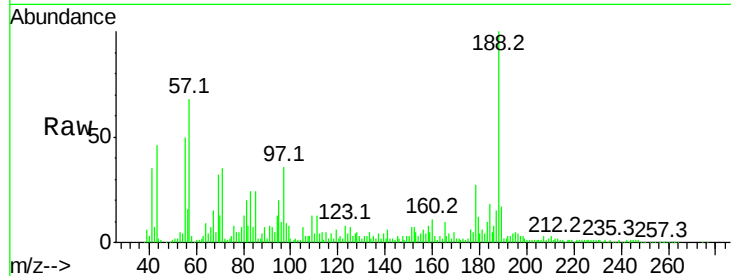
Tot Ion:188 Resp: 269498

Ion Ratio Lower Upper

188 100

94 12.5 10.0 15.0

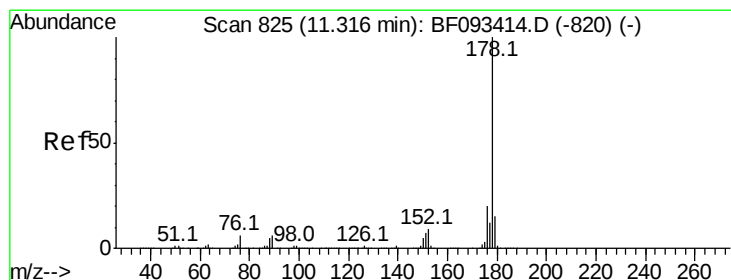
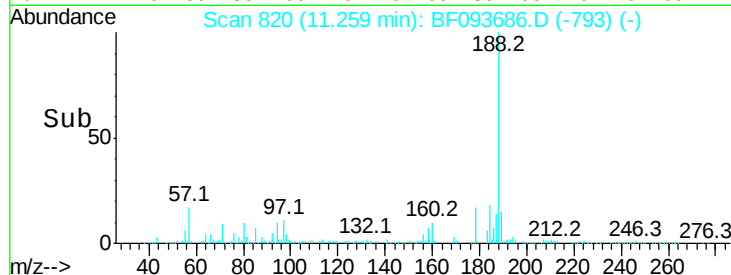
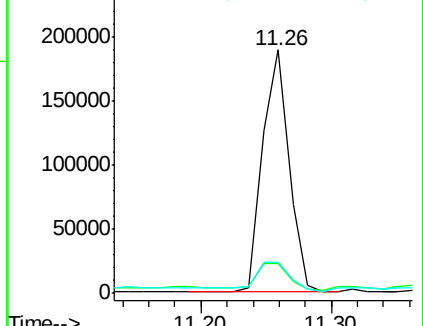
80 12.7 11.2 16.8



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



#70

Phenanthrene

Concen: 299.99 ng

RT: 11.29 min Scan# 823

Delta R.T. 0.02 min

Lab File: BF093686.D

Acq: 15 Mar 2017 23:38

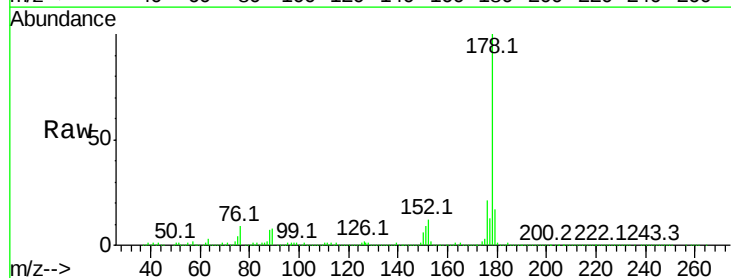
Tgt Ion:178 Resp: 4614692

Ion Ratio Lower Upper

178 100

176 20.6 16.6 25.0

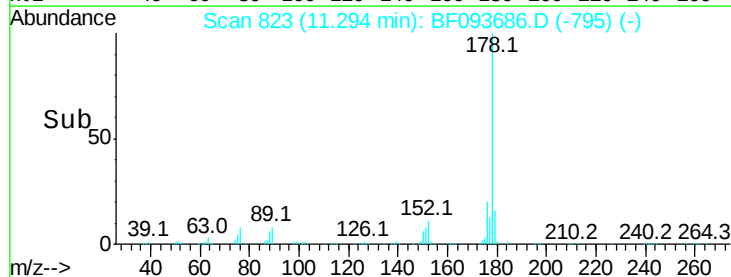
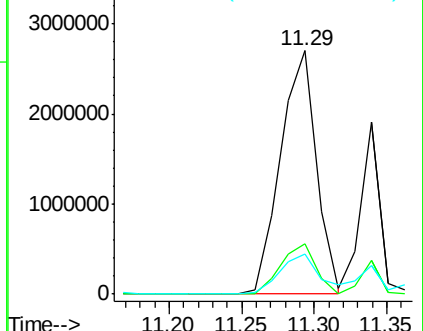
179 16.6 12.8 19.2

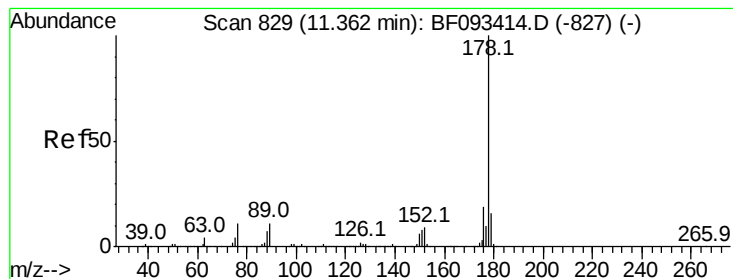


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 105.42 ng

RT: 11.34 min Scan# 827

Delta R.T. 0.02 min

Lab File: BF093686.D

Acq: 15 Mar 2017 23:38

Instrument :

BNA_F

ClientSampleId :

E2-BB7-SSW

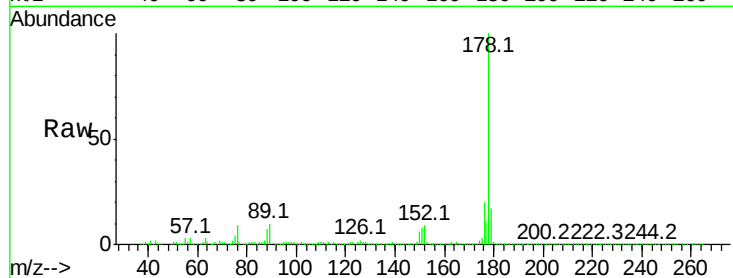
Tot Ion:178 Resp: 1640420

Ion Ratio Lower Upper

178 100

176 19.7 15.9 23.9

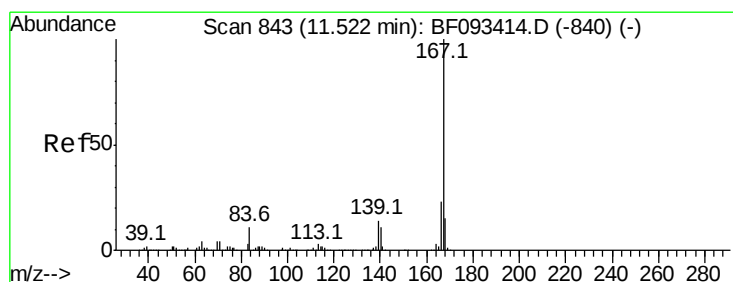
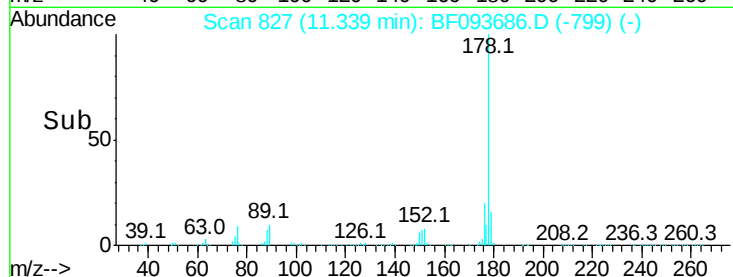
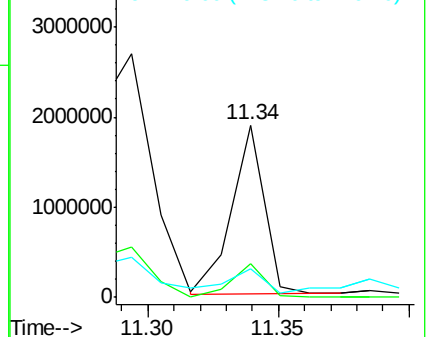
179 16.6 13.2 19.8



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: 41.70 ng

RT: 11.50 min Scan# 841

Delta R.T. 0.01 min

Lab File: BF093686.D

Acq: 15 Mar 2017 23:38

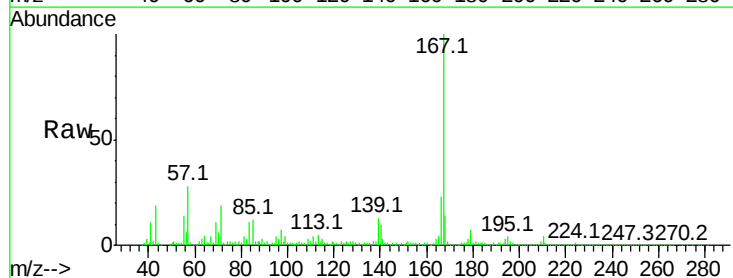
Tgt Ion:167 Resp: 609610

Ion Ratio Lower Upper

167 100

166 22.7 18.2 27.2

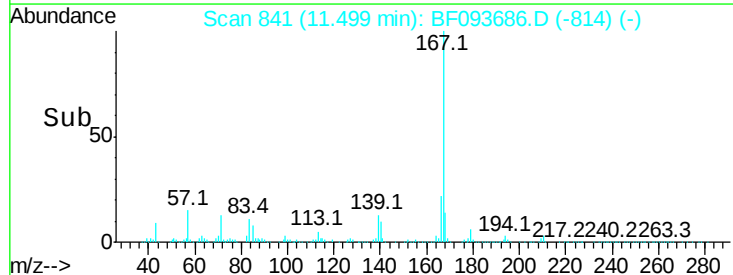
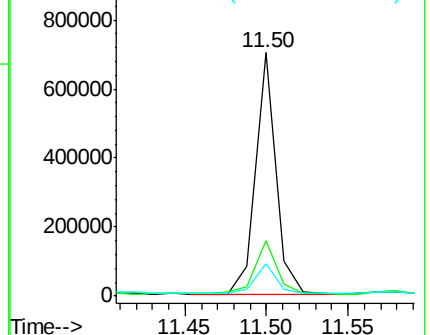
139 13.4 11.4 17.2

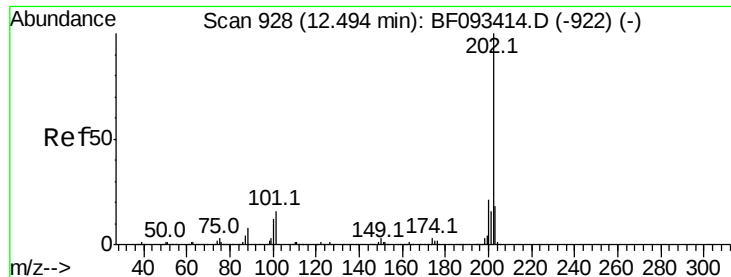


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 277.60 ng

RT: 12.49 min Scan# 928

Delta R.T. 0.03 min

Lab File: BF093686.D

Acq: 15 Mar 2017 23:38

Instrument :

BNA_F

ClientSampleId :

E2-BB7-SSW

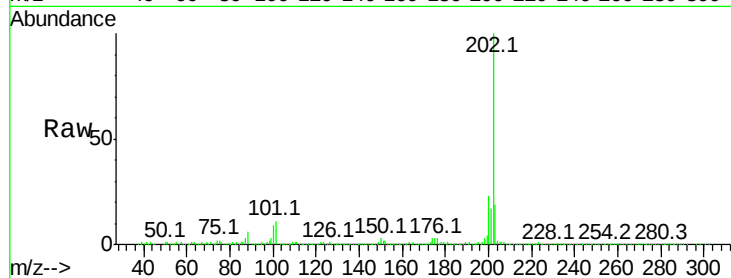
Tot Ion:202 Resp: 4124826

Ion Ratio Lower Upper

202 100

101 11.2 0.0 34.6

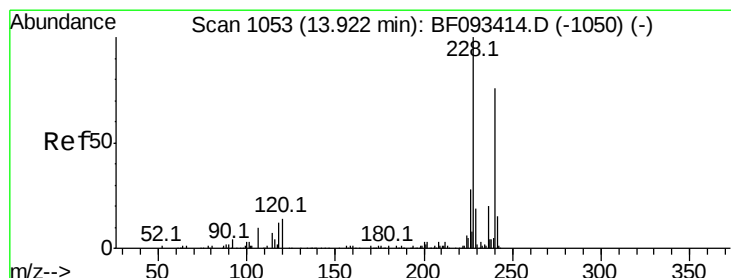
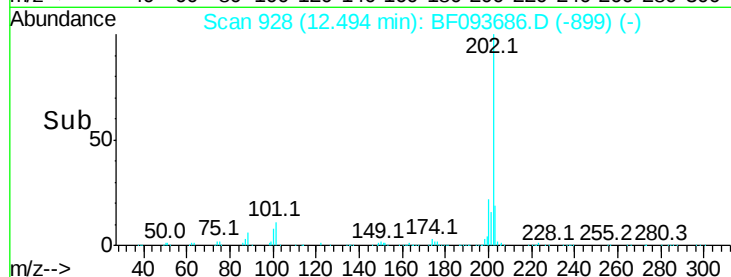
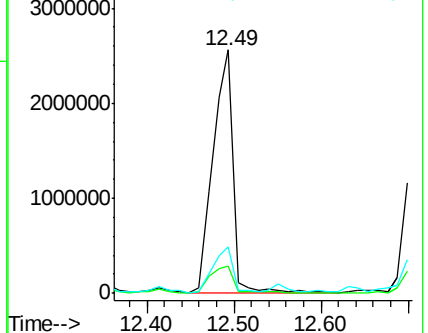
203 18.9 0.0 38.7



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: 13.91 min Scan# 1052

Delta R.T. 0.02 min

Lab File: BF093686.D

Acq: 15 Mar 2017 23:38

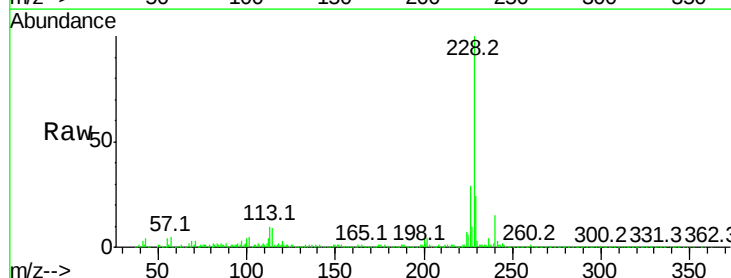
Tgt Ion:240 Resp: 242073

Ion Ratio Lower Upper

240 100

120 17.6 12.9 19.3

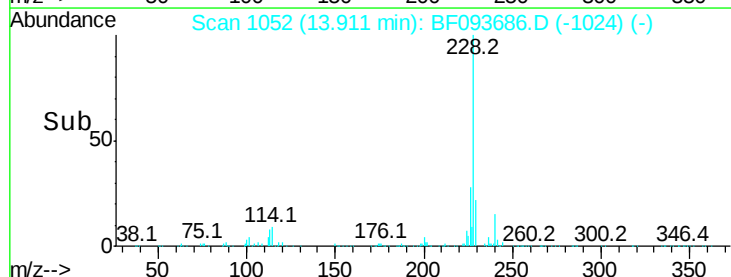
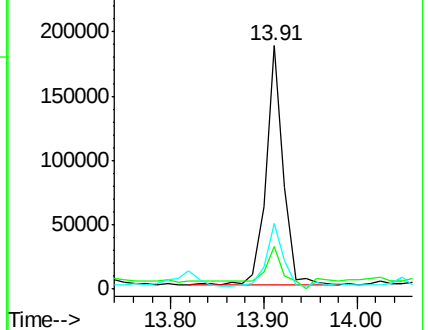
236 27.1 20.9 31.3

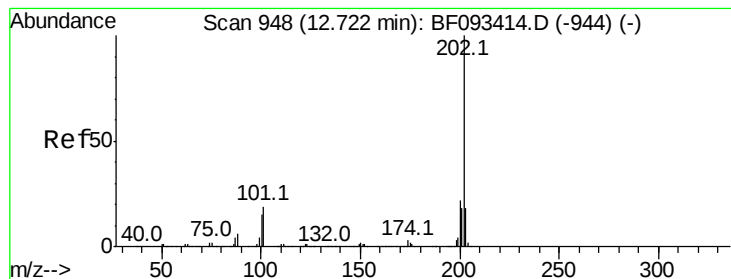


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 249.18 ng

RT: 12.72 min Scan# 948

Delta R.T. 0.05 min

Lab File: BF093686.D

Acq: 15 Mar 2017 23:38

Instrument :

BNA_F

ClientSampleId :

E2-BB7-SSW

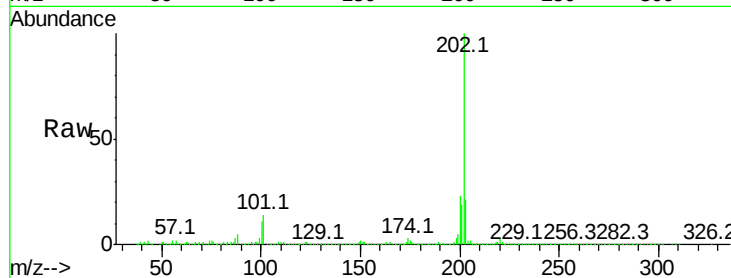
Tot Ion:202 Resp: 4386964

Ion	Ratio	Lower	Upper
202	100		
200	22.8	17.7	26.5
203	21.0	14.7	22.1

202 100

200 22.8 17.7 26.5

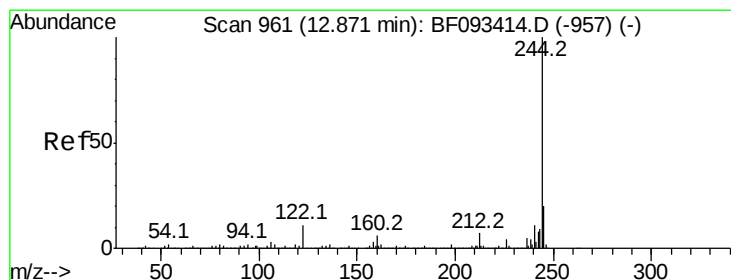
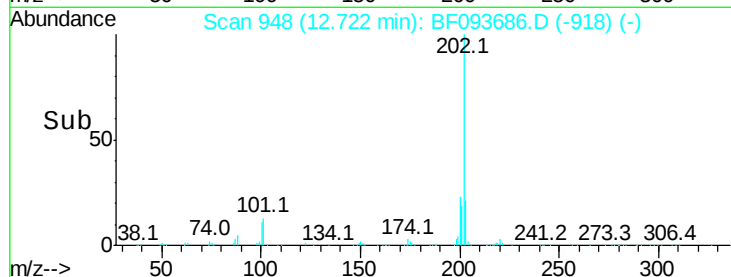
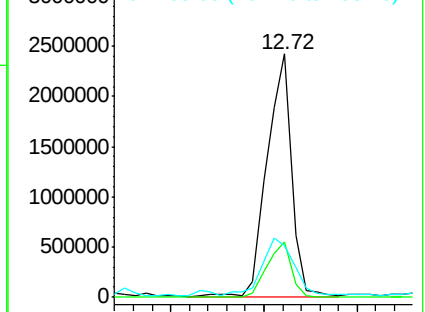
203 21.0 14.7 22.1



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: 39.85 ng

RT: 12.84 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF093686.D

Acq: 15 Mar 2017 23:38

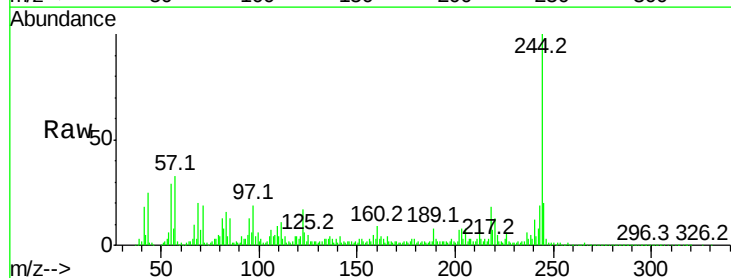
Tgt Ion:244 Resp: 371052

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.2	9.2
122	17.1	11.4	17.2

244 100

212 8.0 6.2 9.2

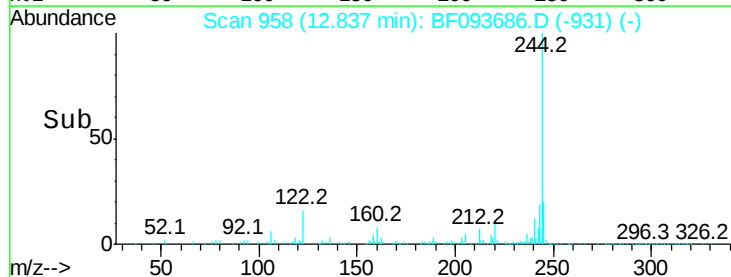
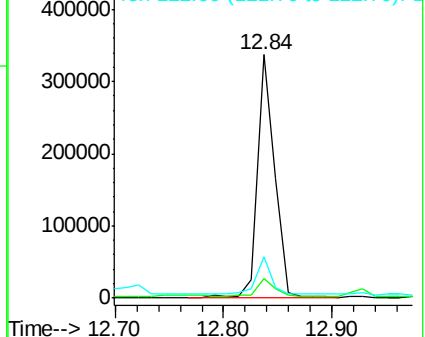
122 17.1 11.4 17.2

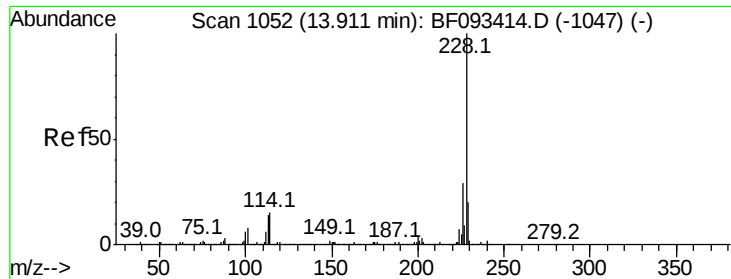


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

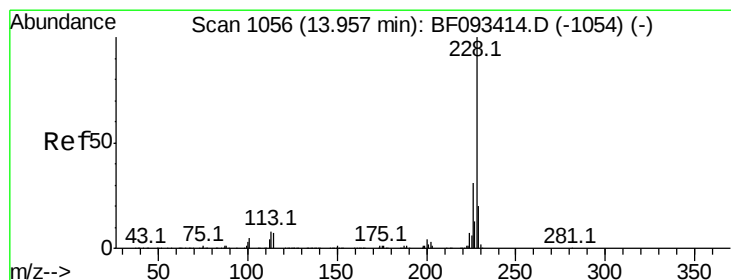
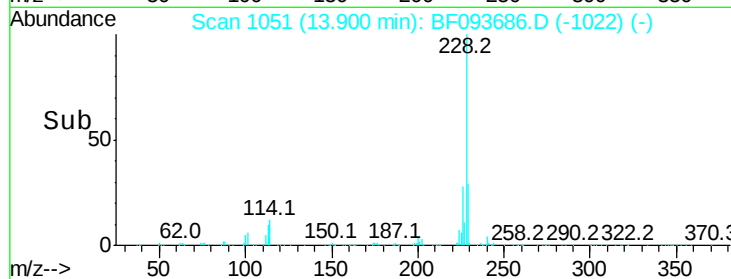
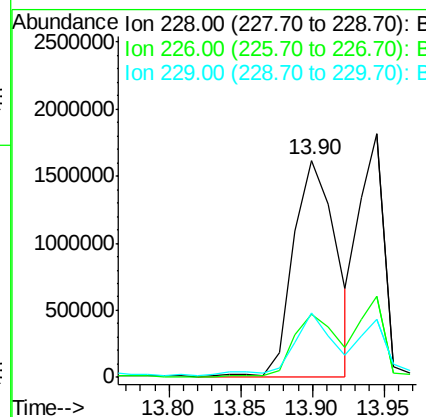
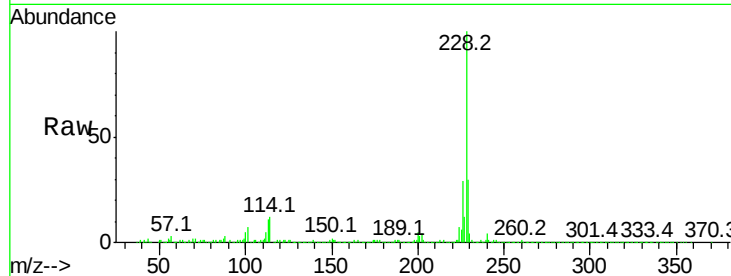




#80
Benzo(a)anthracene
Concen: 235.77 ng/mL
RT: 13.90 min Scan# 1051
Delta R.T. 0.03 min
Lab File: BF093686.D
Acq: 15 Mar 2017 23:38

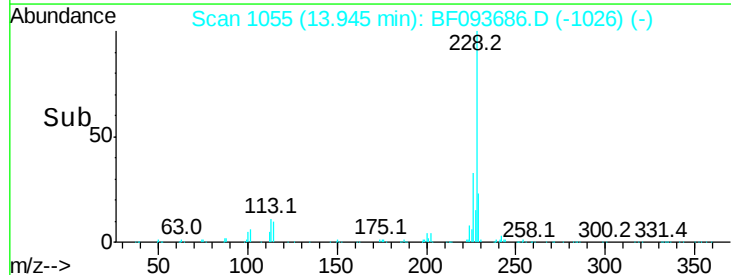
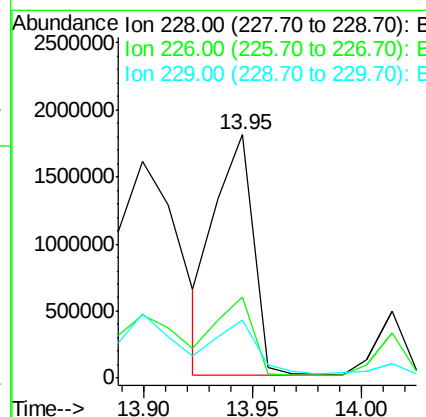
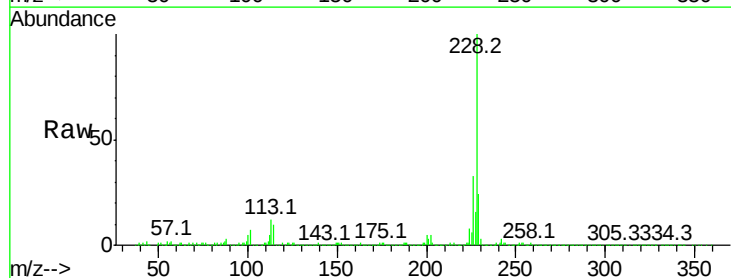
Instrument :
BNA_F
ClientSampleId :
E2-BB7-SSW

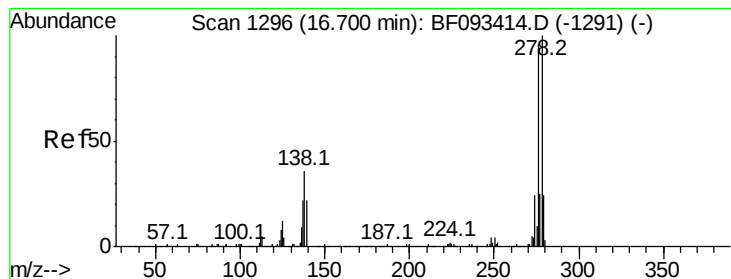
Tot Ion:228 Resp: 3370438
Ion Ratio Lower Upper
228 100
226 29.1 22.4 33.6
229 29.6 16.2 24.4#



#82
Chrysene
Concen: 166.65 ng/mL
RT: 13.95 min Scan# 1055
Delta R.T. 0.03 min
Lab File: BF093686.D
Acq: 15 Mar 2017 23:38

Tgt Ion:228 Resp: 2204152
Ion Ratio Lower Upper
228 100
226 33.2 25.4 38.0
229 23.7 16.2 24.2





#85

Indeno(1,2,3-cd)pyrene

Concen: 122.57 ng

RT: 16.69 min Scan# 1295

Delta R.T. 0.07 min

Lab File: BF093686.D

Acq: 15 Mar 2017 23:38

Instrument :

BNA_F

ClientSampleId :

E2-BB7-SSW

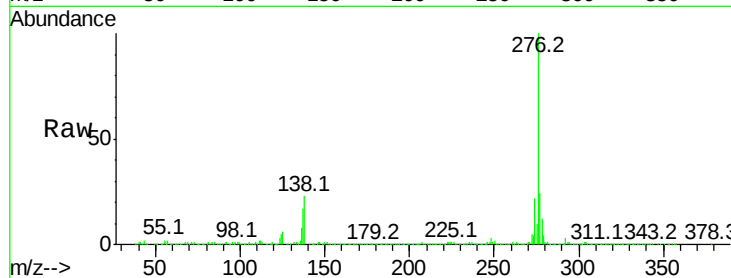
Tot Ion:276 Resp: 1357042

Ion Ratio Lower Upper

276 100

138 30.6 21.8 32.6

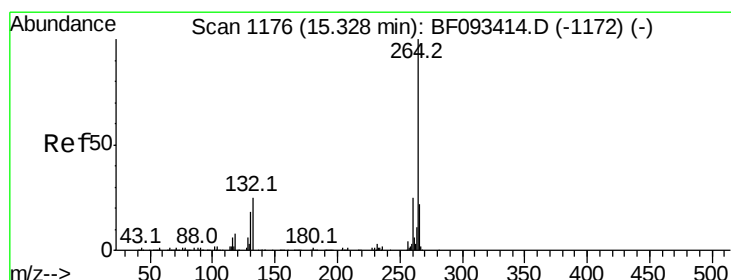
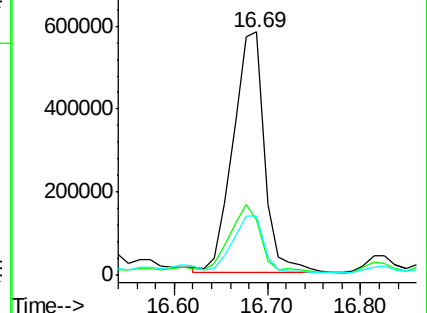
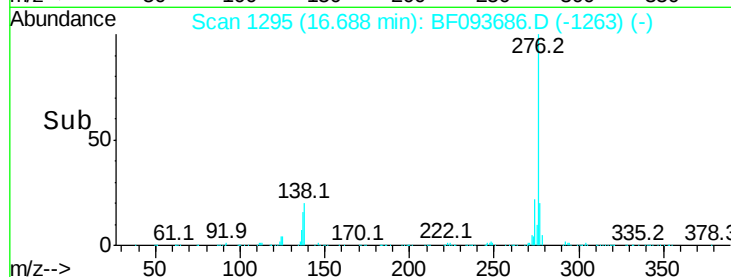
277 23.8 20.2 30.4



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: 15.32 min Scan# 1175

Delta R.T. 0.03 min

Lab File: BF093686.D

Acq: 15 Mar 2017 23:38

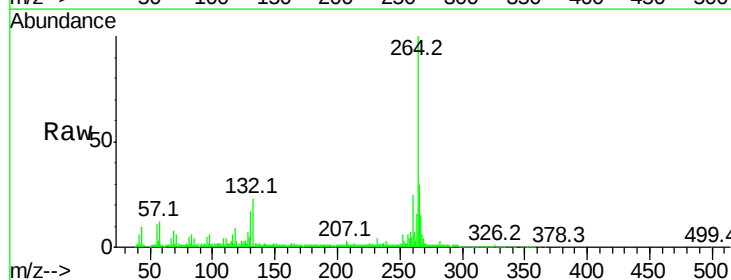
Tgt Ion:264 Resp: 339604

Ion Ratio Lower Upper

264 100

260 24.9 19.2 28.8

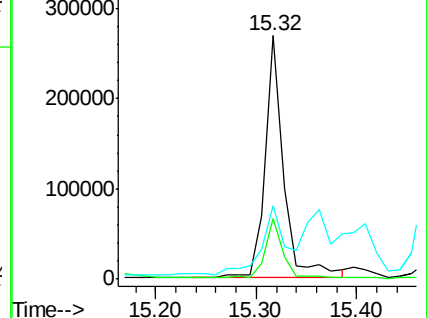
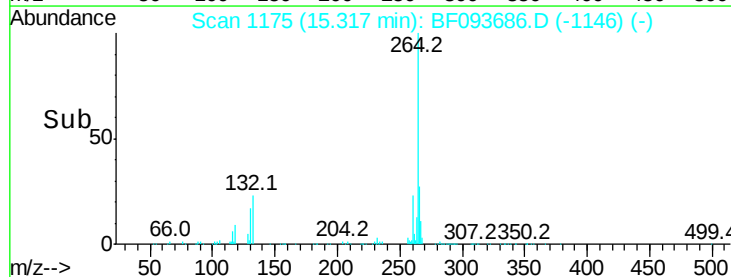
265 29.9 17.4 26.0#

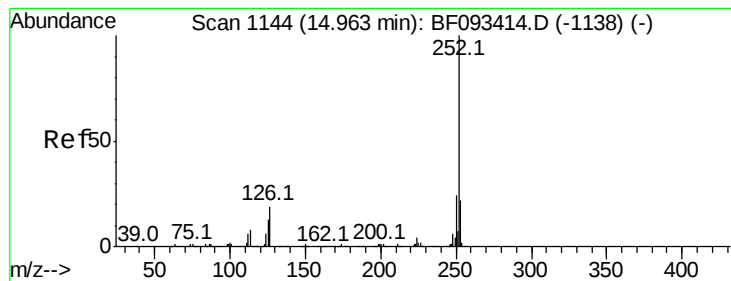


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 145.51 ng m

RT: 14.93 min Scan# 1141

Delta R.T. 0.03 min

Lab File: BF093686.D

Acq: 15 Mar 2017 23:38

Instrument :

BNA_F

ClientSampleId :

E2-BB7-SSW

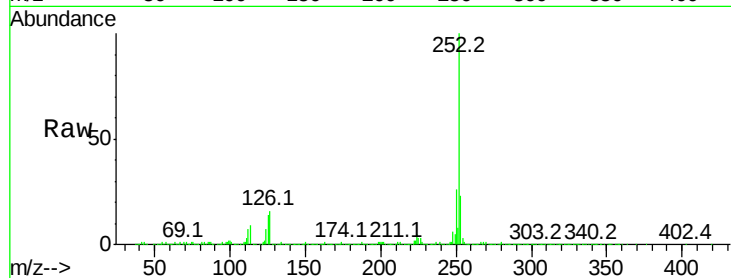
Tot Ion:252 Resp: 3009618

Ion Ratio Lower Upper

252 100

253 23.3 18.2 27.4

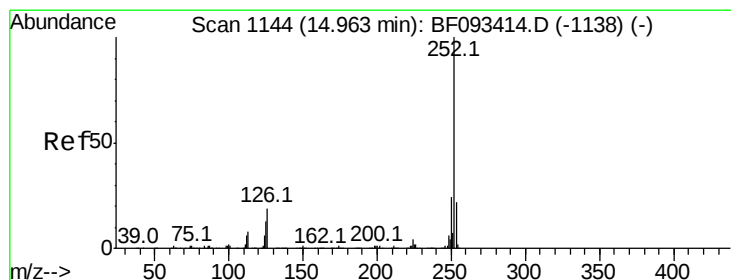
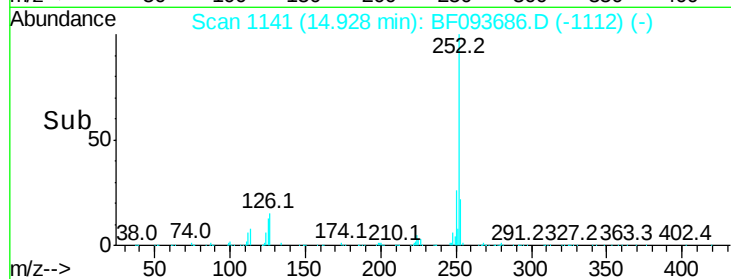
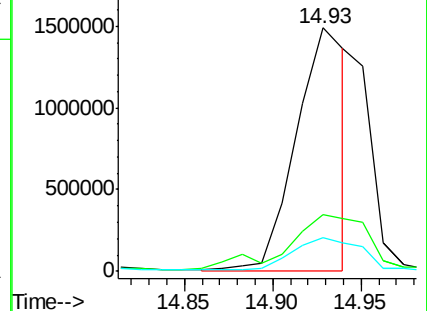
125 13.7 9.8 14.6



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: 51.34 ng m

RT: 14.94 min Scan# 1142

Delta R.T. 0.02 min

Lab File: BF093686.D

Acq: 15 Mar 2017 23:38

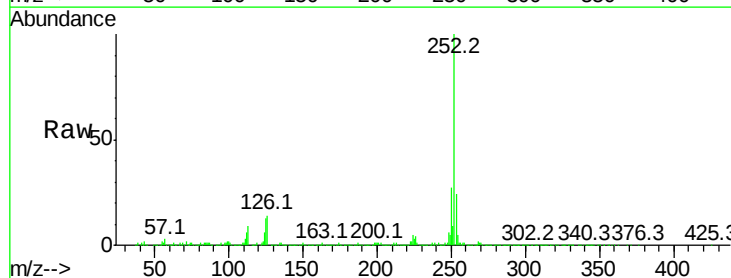
Tgt Ion:252 Resp: 1024105

Ion Ratio Lower Upper

252 100

253 23.8 18.5 27.7

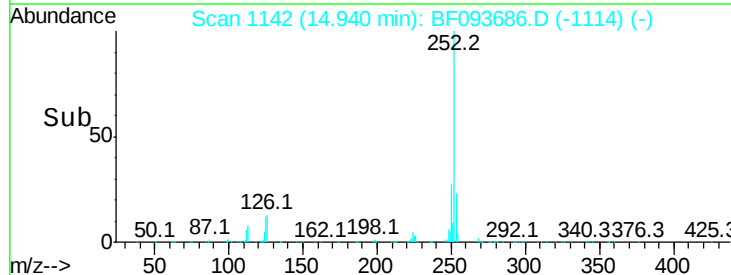
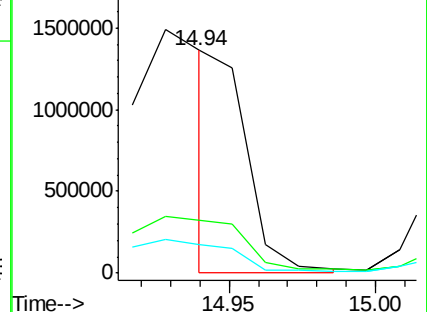
125 13.0 8.9 13.3

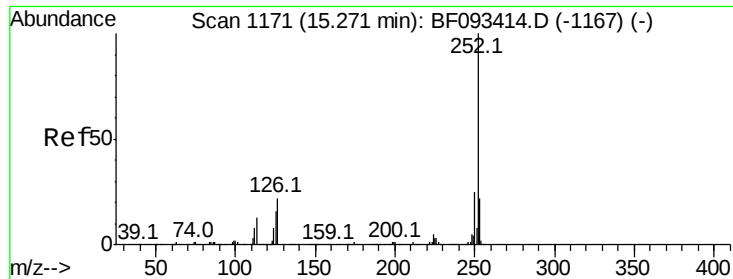


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 128.81 ng

RT: 15.27 min Scan# 1171

Delta R.T. 0.05 min

Lab File: BF093686.D

Acq: 15 Mar 2017 23:38

Instrument :

BNA_F

ClientSampleId :

E2-BB7-SSW

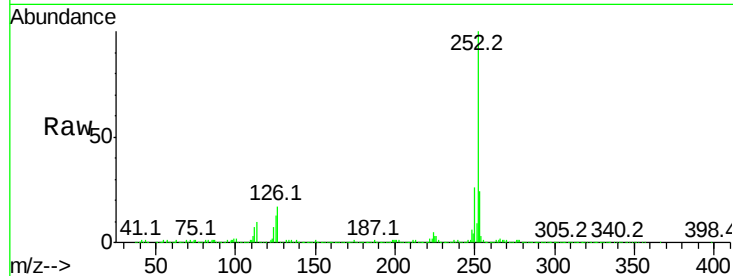
Tot Ion:252 Resp: 2434851

Ion Ratio Lower Upper

252 100

253 24.0 18.2 27.2

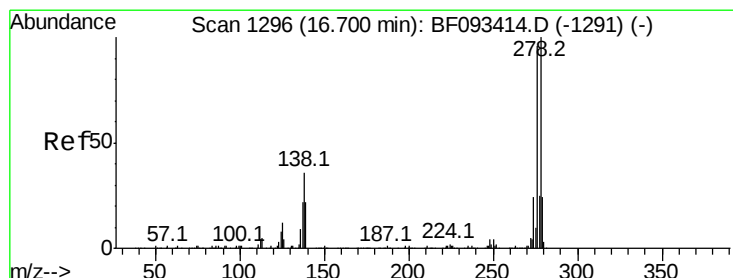
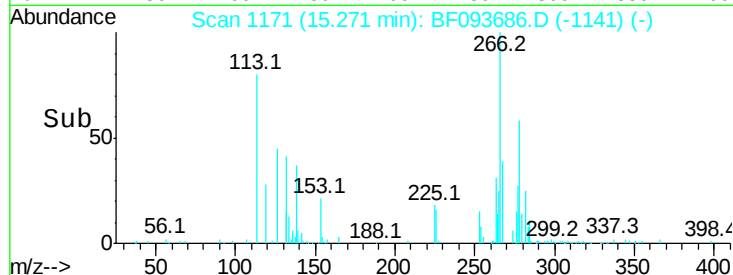
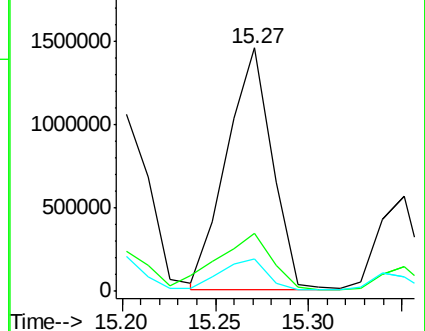
125 13.2 10.0 15.0



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: 21.04 ng m

RT: 16.67 min Scan# 1293

Delta R.T. 0.05 min

Lab File: BF093686.D

Acq: 15 Mar 2017 23:38

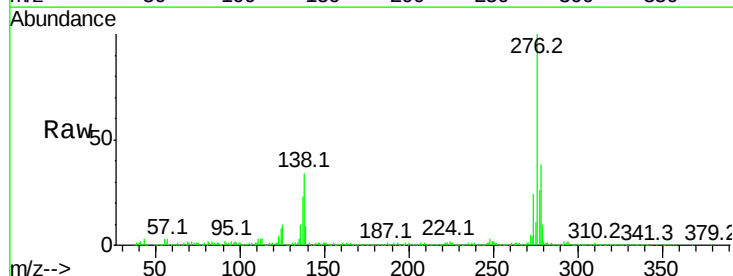
Tgt Ion:278 Resp: 328961

Ion Ratio Lower Upper

278 100

139 24.4 14.8 22.2#

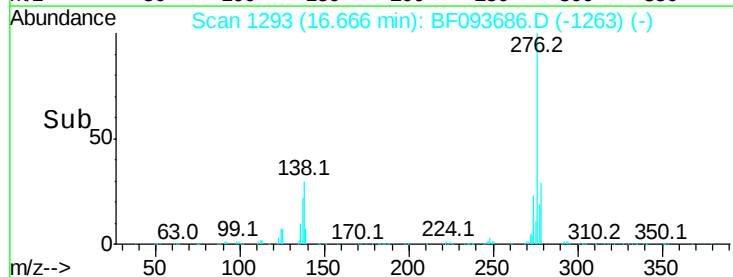
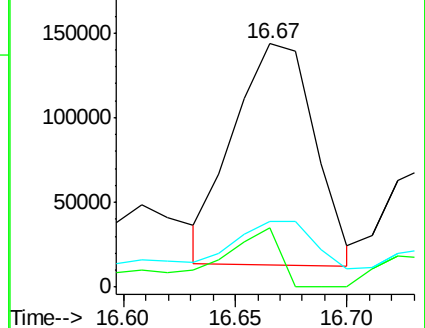
279 27.0 19.8 29.6

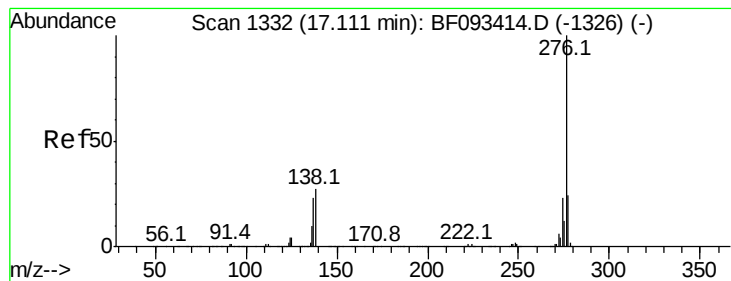


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 81.42 ng

RT: 17.09 min Scan# 1330

Delta R.T. 0.07 min

Lab File: BF093686.D

Acq: 15 Mar 2017 23:38

Instrument :

BNA_F

ClientSampleId :

E2-BB7-SSW

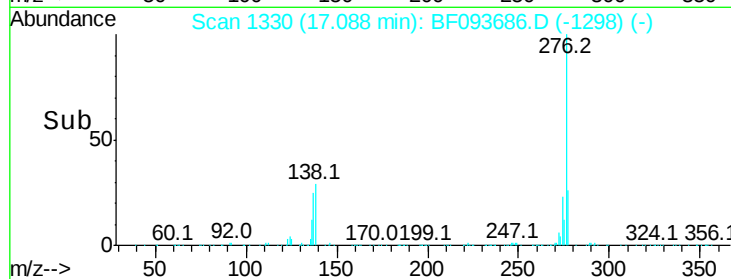
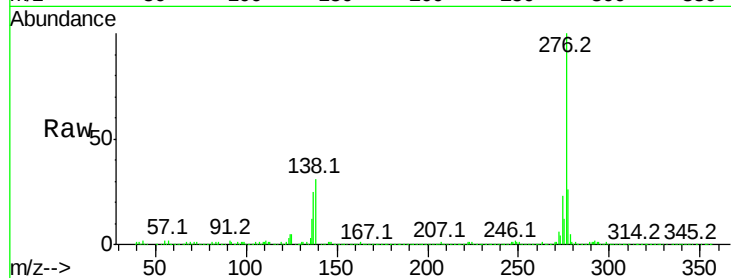
Tot Ion:276 Resp: 1306819

Ion Ratio Lower Upper

276 100

277 26.3 19.2 28.8

138 30.6 16.0 24.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

