

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031517\
 Data File : BF093687.D
 Acq On : 16 Mar 2017 00:05
 Operator : SJ/MA
 Sample : I2264-13 2X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-DD9-BASE

Quant Time: Mar 16 03:35:28 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

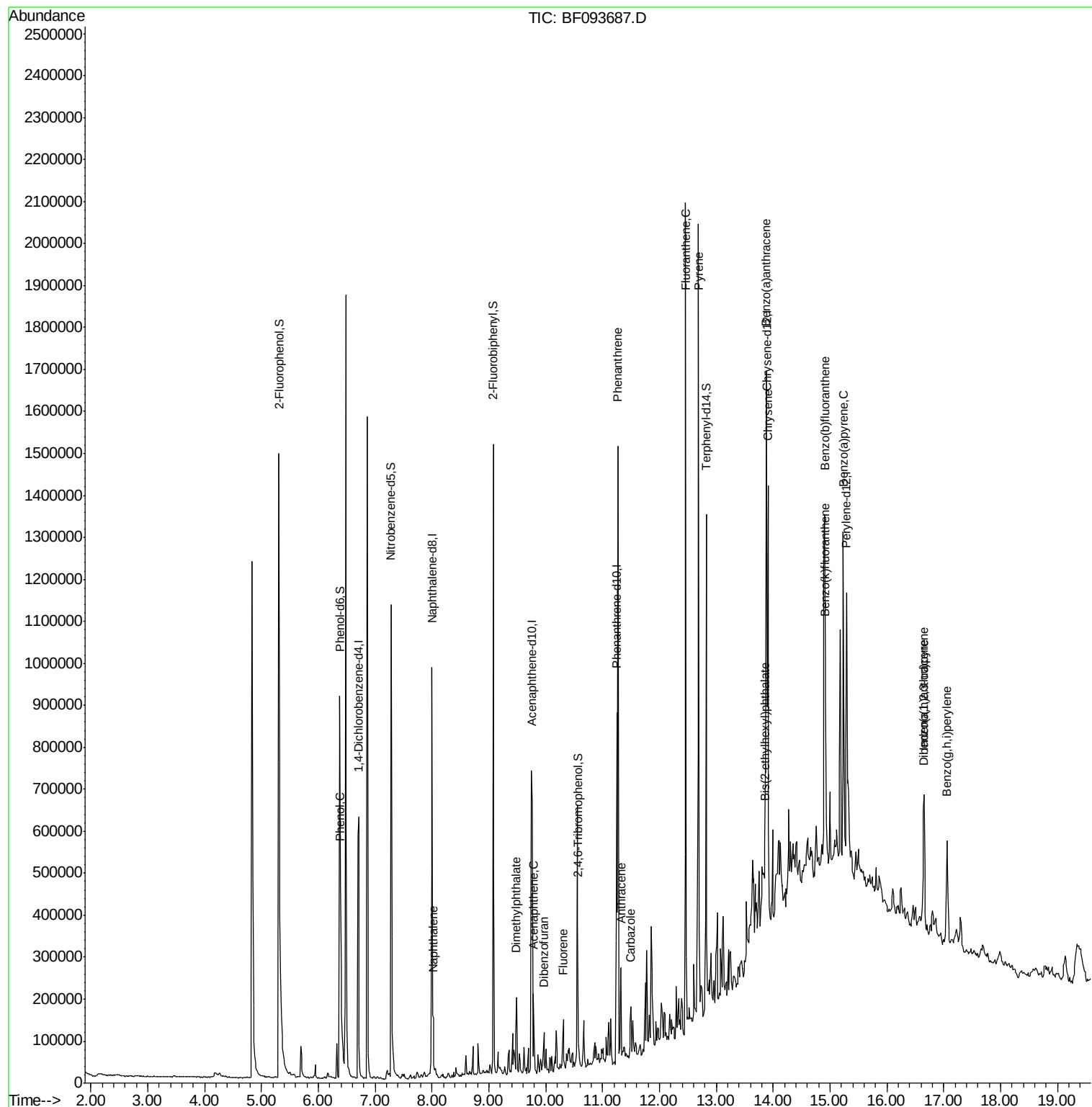
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	152965	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	538270	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	203517	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	320620	20.00	ng	0.00
75) Chrysene-d12	13.89	240	345367	20.00	ng	0.00
86) Perylene-d12	15.29	264	291507	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	664093	72.26	ng	-0.01
7) Phenol-d6	6.38	99	682408	58.88	ng	0.00
23) Nitrobenzene-d5	7.28	82	400974	41.33	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	78451	59.17	ng	0.01
44) 2-Fluorobiphenyl	9.08	172	495407	45.28	ng	-0.01
78) Terphenyl-d14	12.82	244	350844	26.41	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.39	94	47104	3.32	ng	94
31) Naphthalene	8.02	128	69230	2.57	ng	98
49) Dimethylphthalate	9.49	163	81462	6.04	ng	99
51) Acenaphthene	9.78	154	40510	3.66	ng	91
54) Dibenzofuran	9.97	168	31308	2.26	ng	92
57) Fluorene	10.31	166	39481m	3.36	ng	
70) Phenanthrene	11.27	178	553234	30.23	ng	97
71) Anthracene	11.33	178	130940	7.07	ng	98
72) Carbazole	11.50	167	58179	3.35	ng	96
74) Fluoranthene	12.46	202	773686	43.77	ng	96
77) Pyrene	12.69	202	795331	31.66	ng	98
80) Benzo(a)anthracene	13.88	228	420959m	20.64	ng	
82) Chrysene	13.91	228	411270m	21.79	ng	
83) Bis(2-ethylhexyl)phthalate	13.85	149	93366	6.34	ng	93
85) Indeno(1,2,3-cd)pyrene	16.65	276	218402	13.83	ng	98
87) Benzo(b)fluoranthene	14.91	252	564394m	31.79	ng	
88) Benzo(k)fluoranthene	14.92	252	134700m	7.87	ng	
89) Benzo(a)pyrene	15.24	252	383559	23.64	ng	96
90) Dibenzo(a,h)anthracene	16.64	278	46082	3.43	ng	# 79
91) Benzo(a,h,i)perylene	17.05	276	205831	14.94	ng	# 85

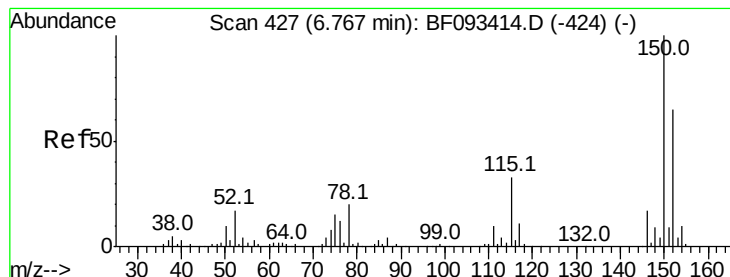
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF093687.D

Acq: 16 Mar 2017 00:05

Instrument :

BNA_F

ClientSampleId :

E2-DD9-BASE

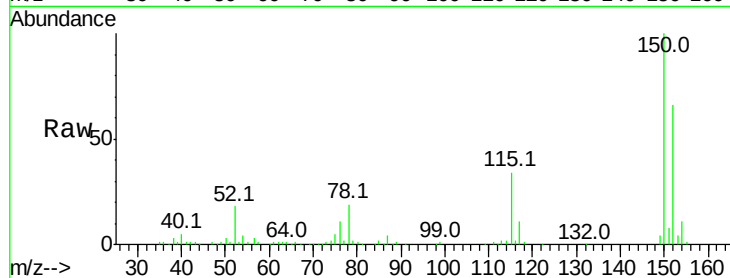
Tot Ion:152 Resp: 152965

Ion Ratio Lower Upper

152 100

150 152.0 124.9 187.3

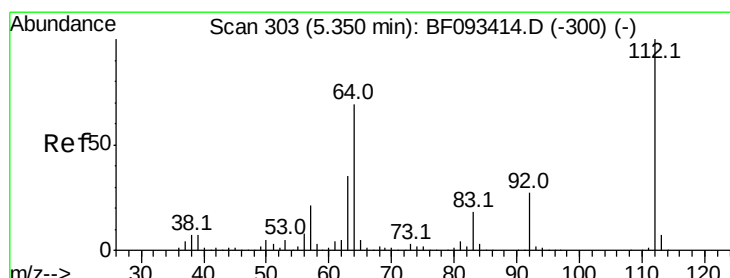
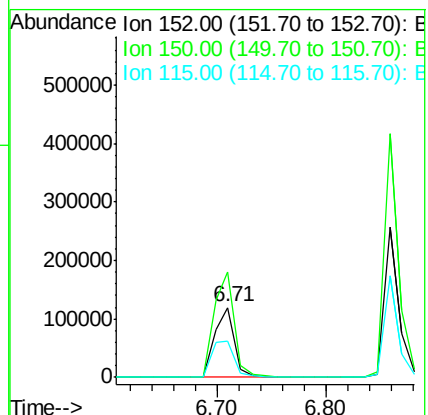
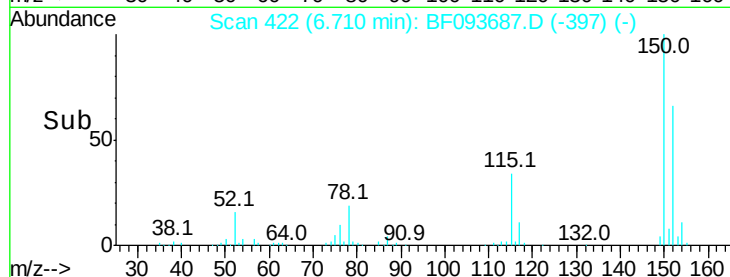
115 52.1 46.0 69.0



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: 72.26 ng

RT: 5.30 min Scan# 299

Delta R.T. -0.01 min

Lab File: BF093687.D

Acq: 16 Mar 2017 00:05

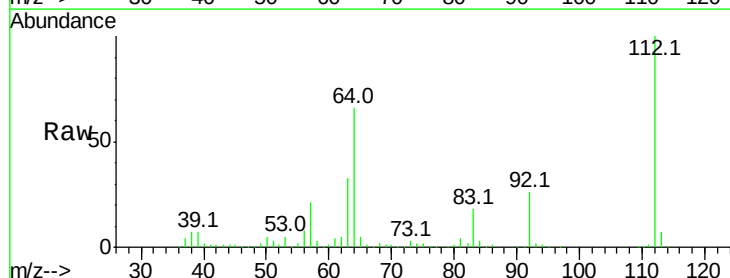
Tgt Ion:112 Resp: 664093

Ion Ratio Lower Upper

112 100

64 65.7 46.1 69.1

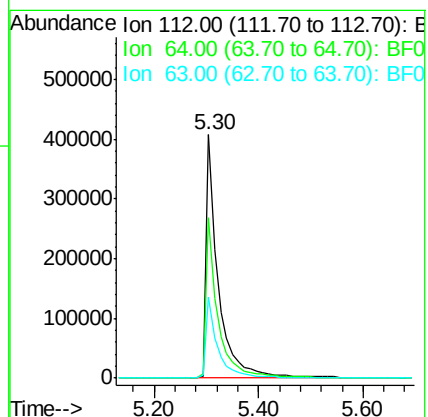
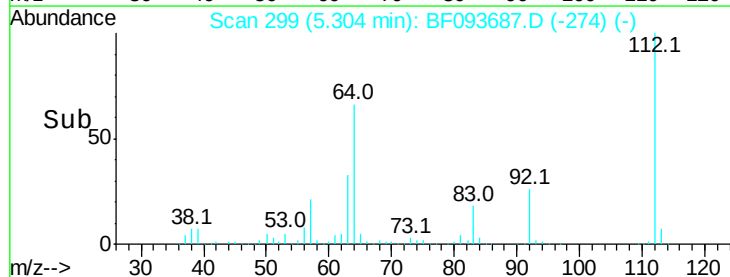
63 33.2 23.8 35.6

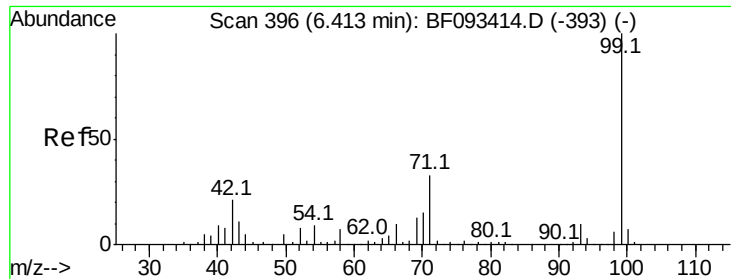


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 58.88 ng

RT: 6.38 min Scan# 393

Delta R.T. -0.00 min

Lab File: BF093687.D

Acq: 16 Mar 2017 00:05

Instrument :

BNA_F

ClientSampleId :

E2-DD9-BASE

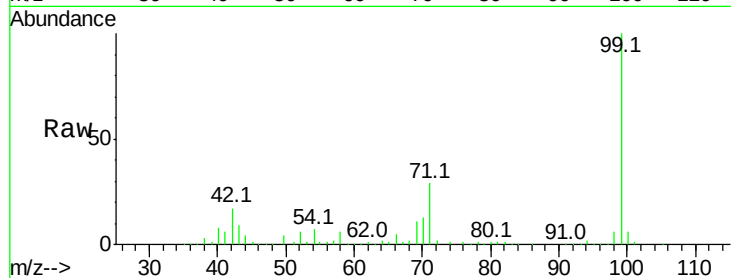
Tot Ion: 99 Resp: 682408

Ion Ratio Lower Upper

99 100

42 17.4 15.6 23.4

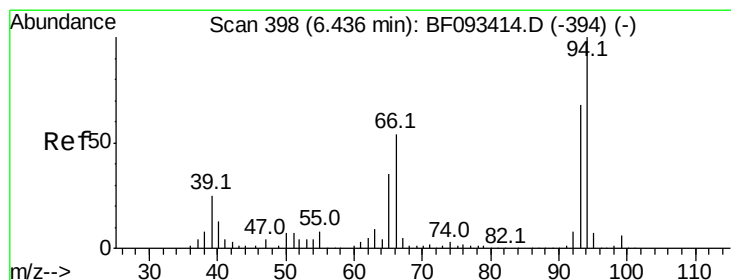
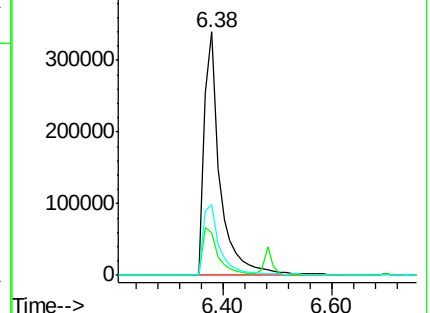
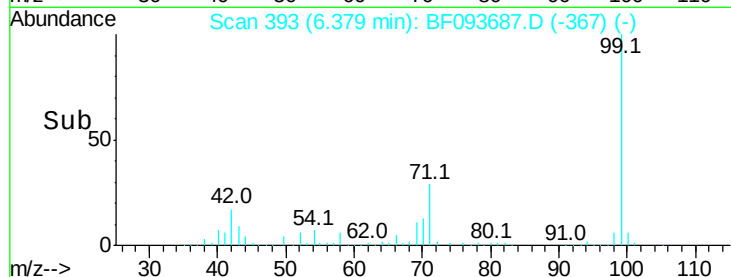
71 28.9 27.5 41.3



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: 3.32 ng

RT: 6.39 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF093687.D

Acq: 16 Mar 2017 00:05

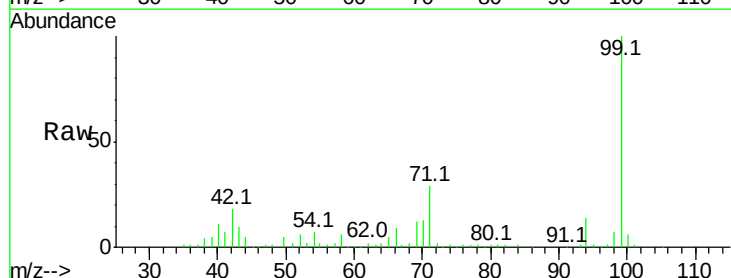
Tgt Ion: 94 Resp: 47104

Ion Ratio Lower Upper

94 100

65 32.5 21.4 61.4

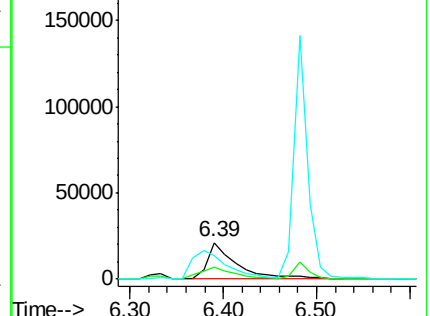
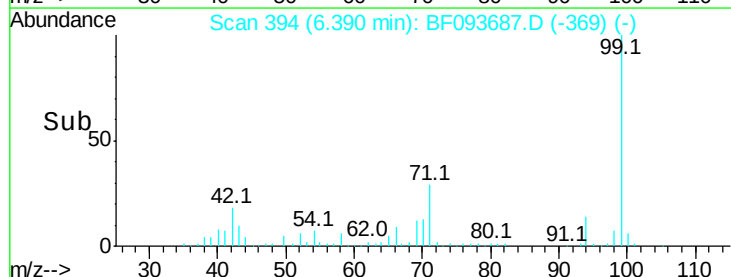
66 64.8 44.0 84.0

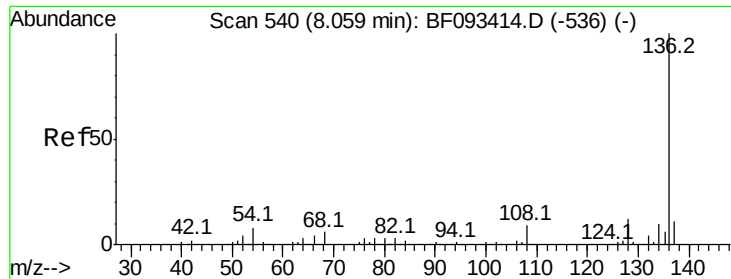


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

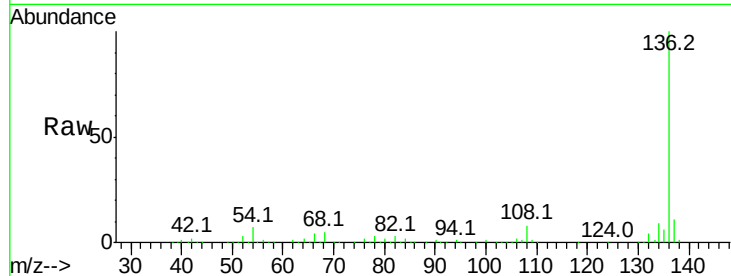




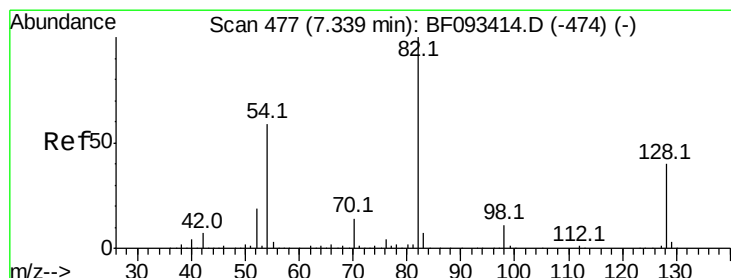
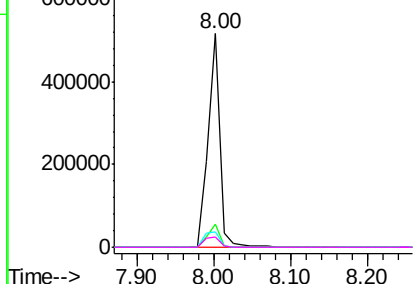
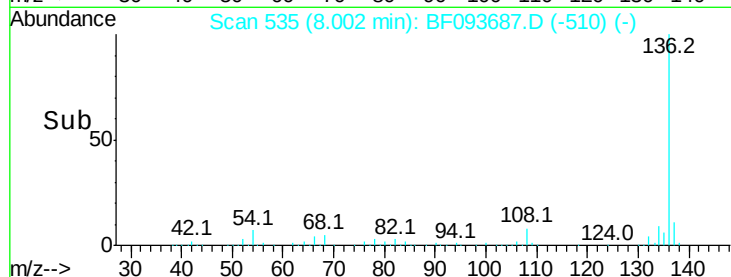
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF093687.D
Acq: 16 Mar 2017 00:05

Instrument :
BNA_F
ClientSampleId :
E2-DD9-BASE

Tot Ion:	136	Resp:	538270
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.4	12.6
54	7.3	4.5	6.7#
68	5.1	3.6	5.4

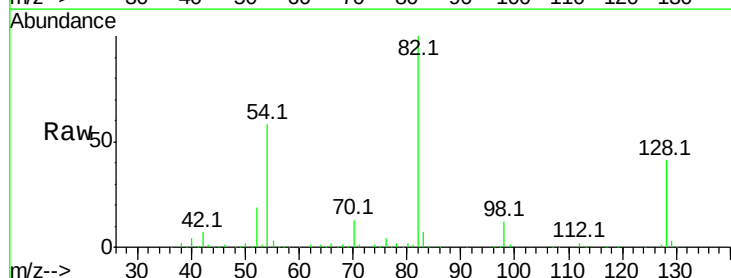


Abundance Ion 136.00 (135.70 to 136.70): E
800000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

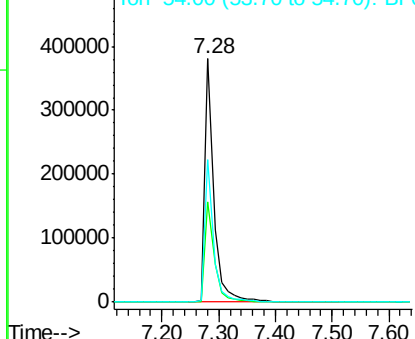
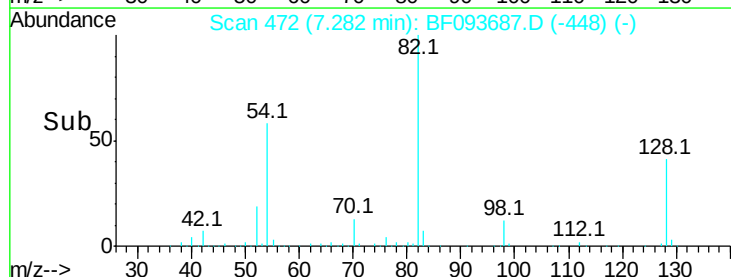


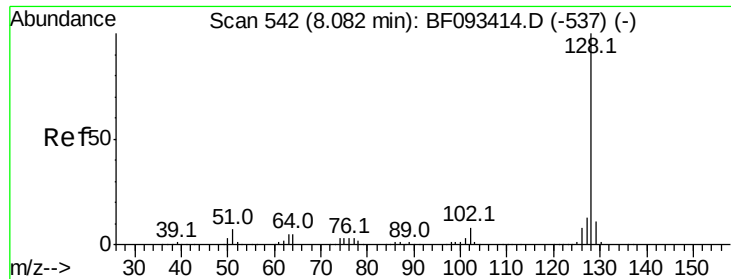
#23
Nitrobenzene-d5
Concen: 41.33 ng
RT: 7.28 min Scan# 472
Delta R.T. -0.02 min
Lab File: BF093687.D
Acq: 16 Mar 2017 00:05

Tgt Ion:	82	Resp:	400974
Ion	Ratio	Lower	Upper
82	100		
128	41.0	34.6	52.0
54	58.5	39.5	59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0
500000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

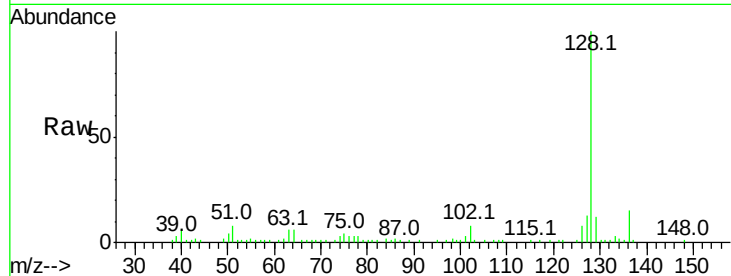




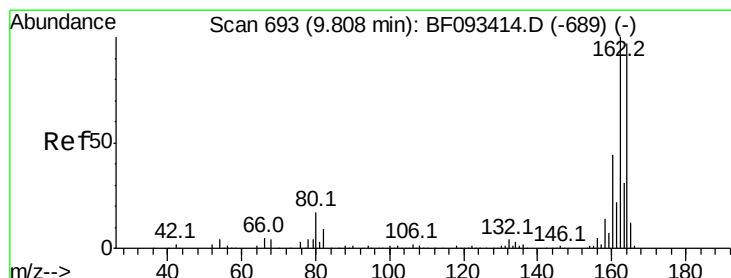
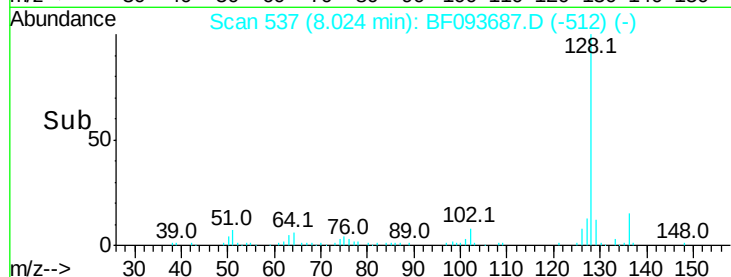
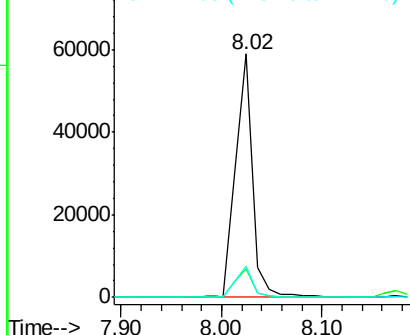
#31
Naphthalene
Concen: 2.57 ng
RT: 8.02 min Scan# 537
Delta R.T. -0.01 min
Lab File: BF093687.D
Acq: 16 Mar 2017 00:05

Instrument :
BNA_F
ClientSampleId :
E2-DD9-BASE

Tot Ion:128 Resp: 69230
Ion Ratio Lower Upper
128 100
129 11.5 9.5 14.3
127 12.6 10.8 16.2

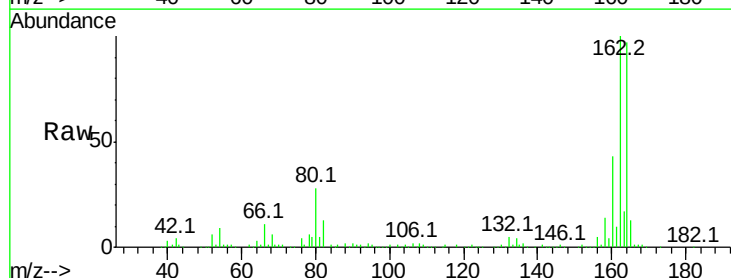


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

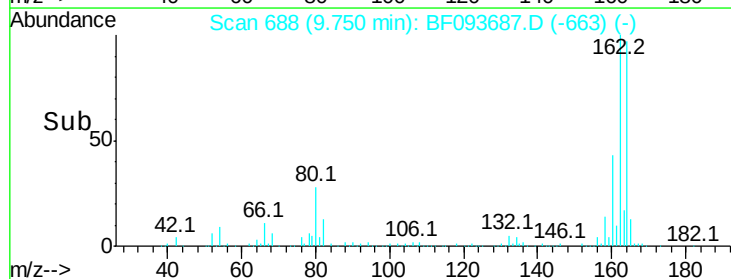
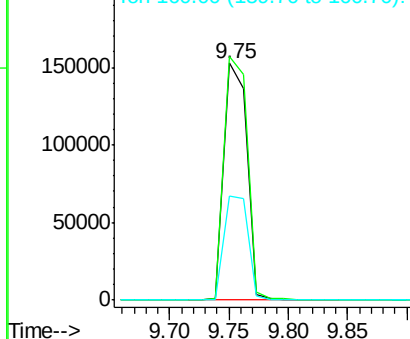


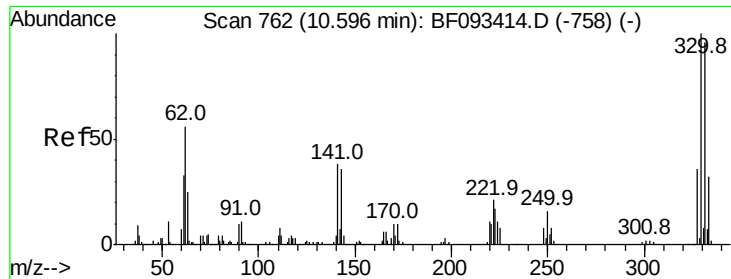
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.75 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF093687.D
Acq: 16 Mar 2017 00:05

Tgt Ion:164 Resp: 203517
Ion Ratio Lower Upper
164 100
162 102.7 80.2 120.2
160 43.8 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

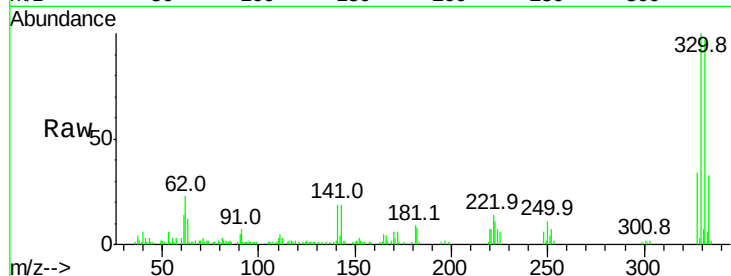




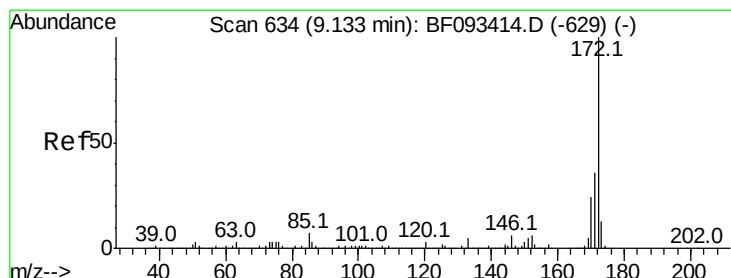
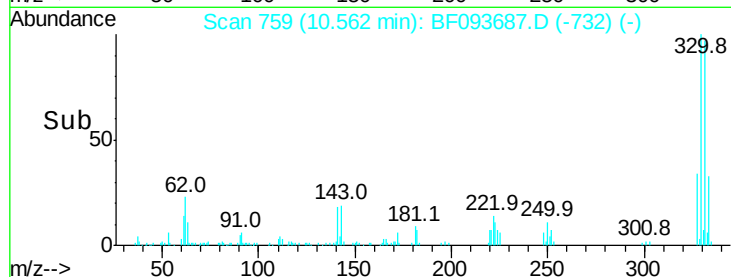
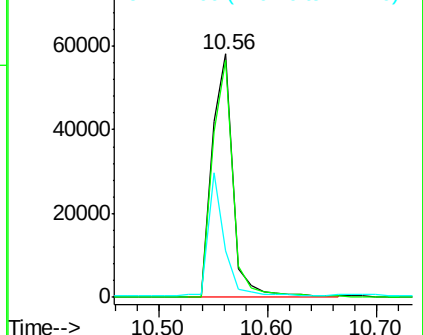
#41
 2,4,6-Tribromophenol
 Concen: 59.17 ng
 RT: 10.56 min Scan# 759
 Delta R.T. 0.01 min
 Lab File: BF093687.D
 Acq: 16 Mar 2017 00:05

Instrument :
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 ClientSampleId :
 E2-DD9-BASE

Tot Ion:330 Resp: 78451
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.4 116.2
 141 40.5 34.1 51.1

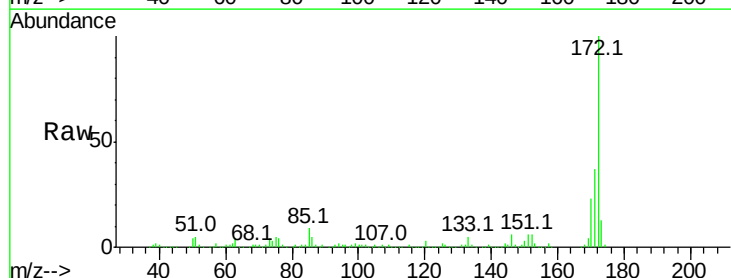


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

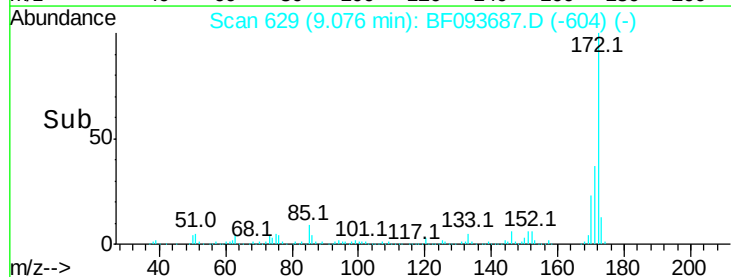
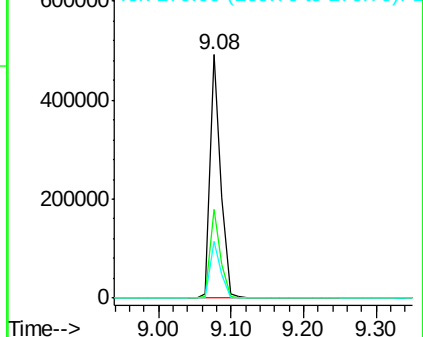


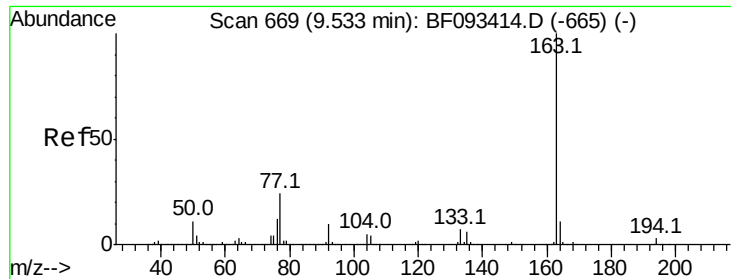
#44
 2-Fluorobiphenyl
 Concen: 45.28 ng
 RT: 9.08 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF093687.D
 Acq: 16 Mar 2017 00:05

Tgt Ion:172 Resp: 495407
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 23.5 20.2 30.4



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

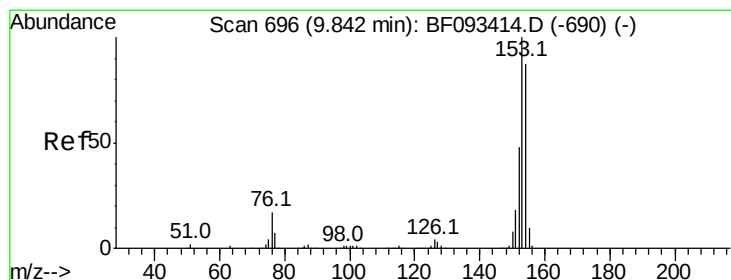
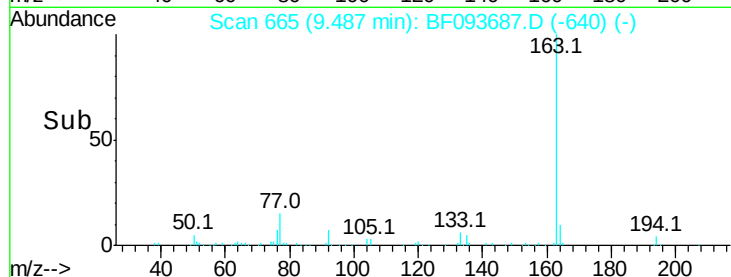
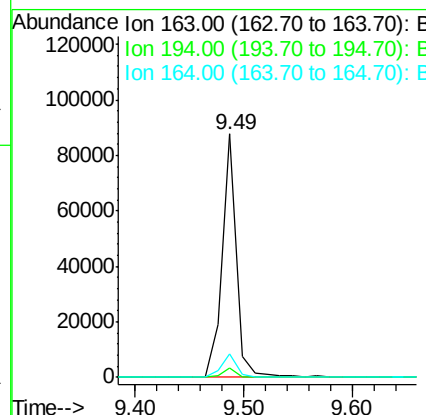
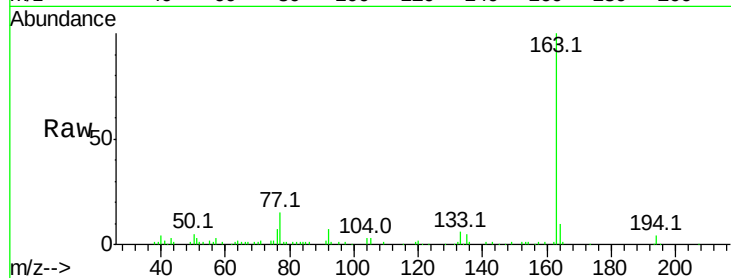




#49
Dimethylphthalate
Concen: 6.04 ng
RT: 9.49 min Scan# 665
Delta R.T. -0.01 min
Lab File: BF093687.D
Acq: 16 Mar 2017 00:05

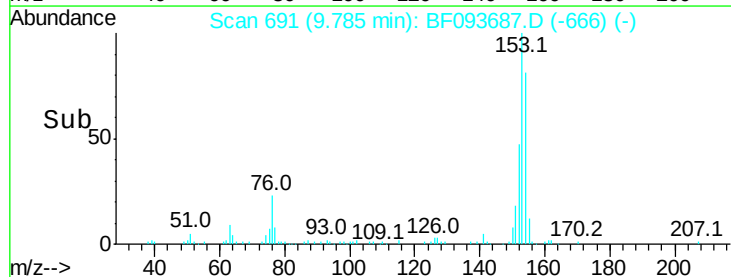
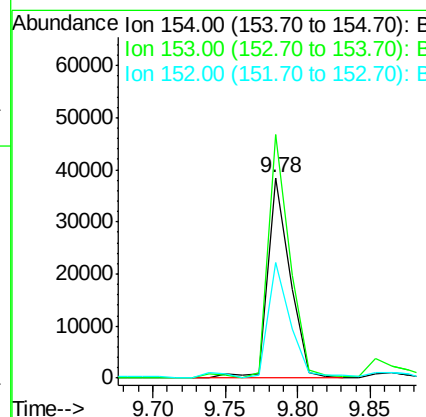
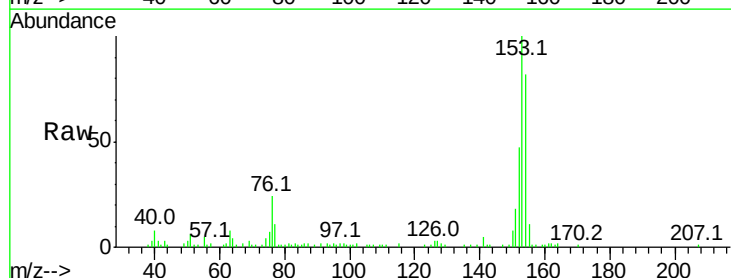
Instrument :
BNA_F
ClientSampleId :
E2-DD9-BASE

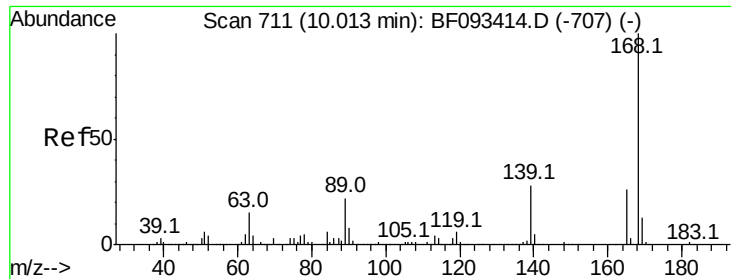
Tot Ion:163 Resp: 81462
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 9.7 8.0 12.0



#51
Acenaphthene
Concen: 3.66 ng
RT: 9.78 min Scan# 691
Delta R.T. -0.01 min
Lab File: BF093687.D
Acq: 16 Mar 2017 00:05

Tgt Ion:154 Resp: 40510
Ion Ratio Lower Upper
154 100
153 121.5 88.6 133.0
152 57.4 41.6 62.4

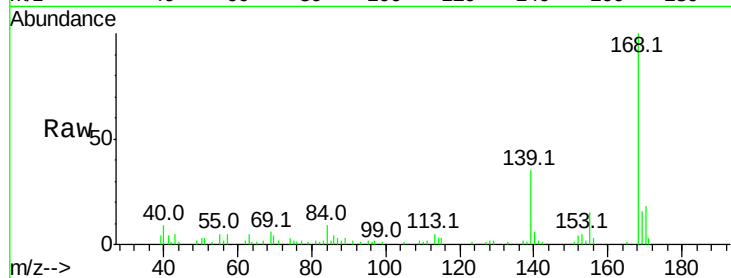




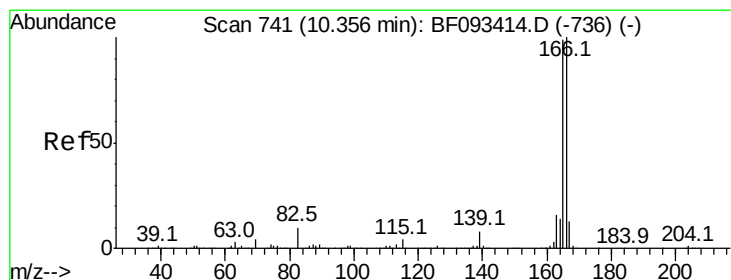
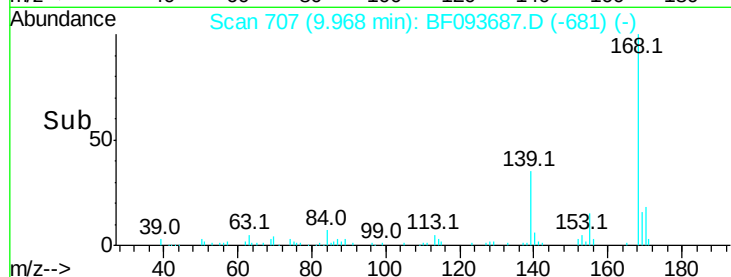
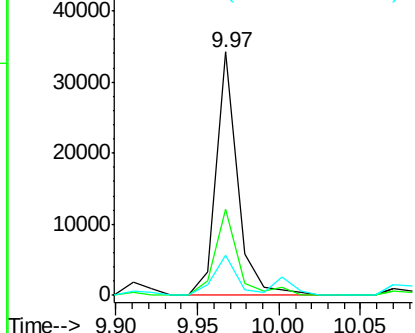
#54
Dibenzenofuran
Concen: 2.26 ng
RT: 9.97 min Scan# 707
Delta R.T. -0.00 min
Lab File: BF093687.D
Acq: 16 Mar 2017 00:05

Instrument :
BNA_F
ClientSampleId :
E2-DD9-BASE

Tot Ion:168 Resp: 31308
Ion Ratio Lower Upper
168 100
139 35.2 32.6 49.0
169 16.4 11.3 16.9

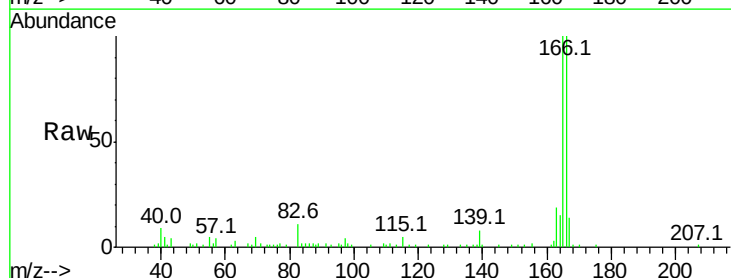


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

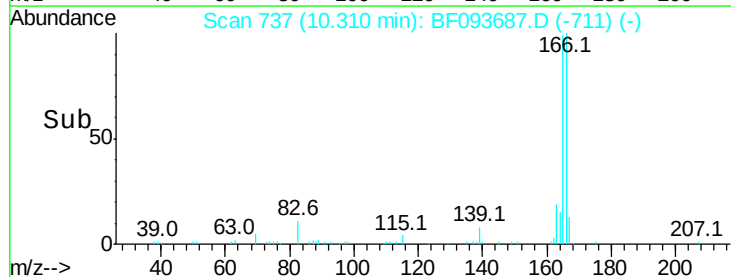
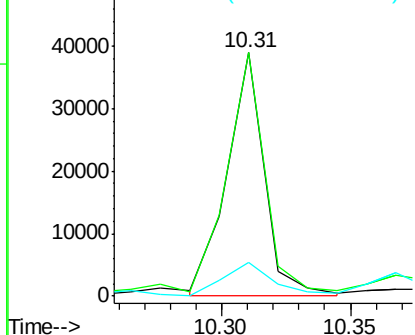


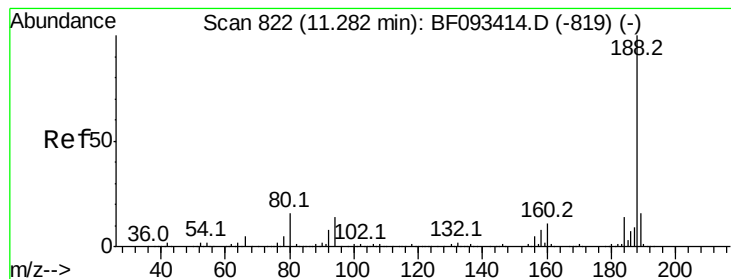
#57
Fluorene
Concen: 3.36 ng m
RT: 10.31 min Scan# 737
Delta R.T. -0.00 min
Lab File: BF093687.D
Acq: 16 Mar 2017 00:05

Tgt Ion:166 Resp: 39481
Ion Ratio Lower Upper
166 100
165 99.9 77.8 116.8
167 14.1 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: 11.25 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF093687.D

Acq: 16 Mar 2017 00:05

Instrument :

BNA_F

ClientSampleId :

E2-DD9-BASE

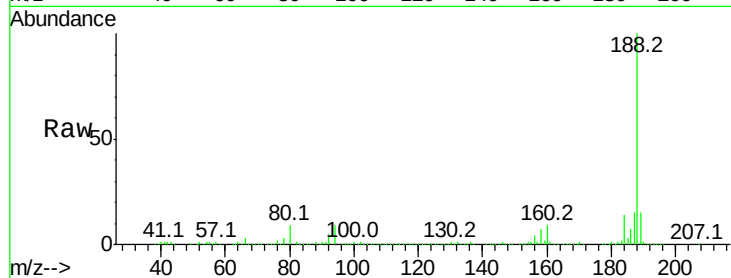
Tot Ion:188 Resp: 320620

Ion Ratio Lower Upper

188 100

94 9.3 10.0 15.0#

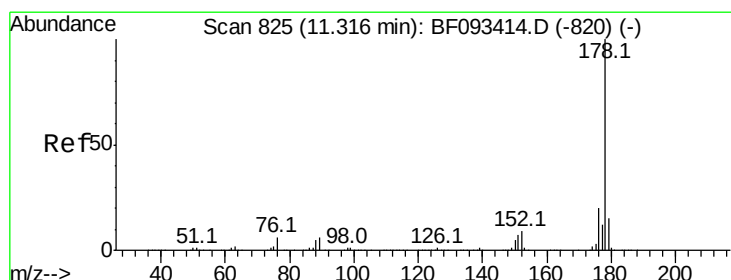
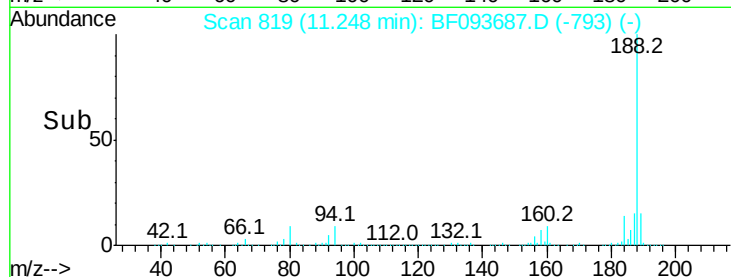
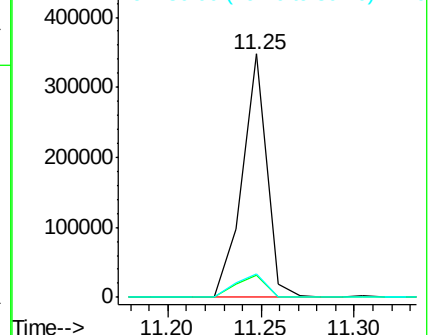
80 9.4 11.2 16.8#



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



#70

Phenanthrene

Concen: 30.23 ng

RT: 11.27 min Scan# 821

Delta R.T. -0.00 min

Lab File: BF093687.D

Acq: 16 Mar 2017 00:05

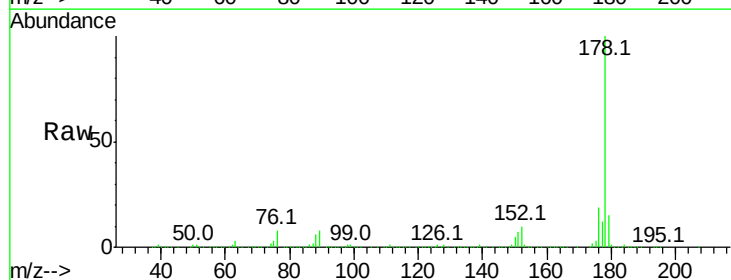
Tgt Ion:178 Resp: 553234

Ion Ratio Lower Upper

178 100

176 18.9 16.6 25.0

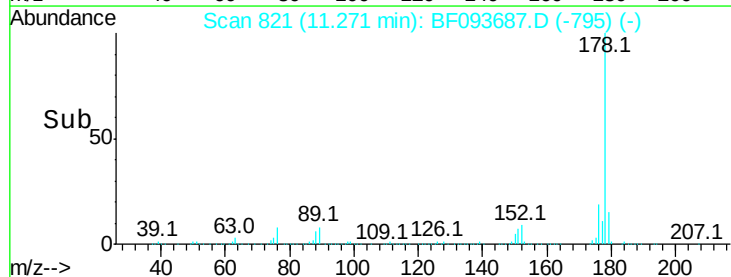
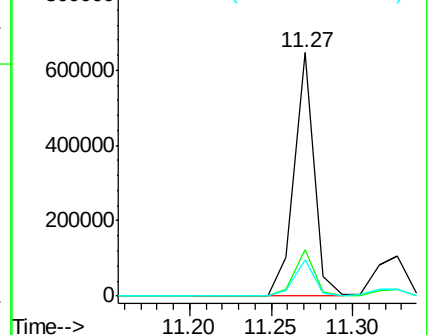
179 15.1 12.8 19.2

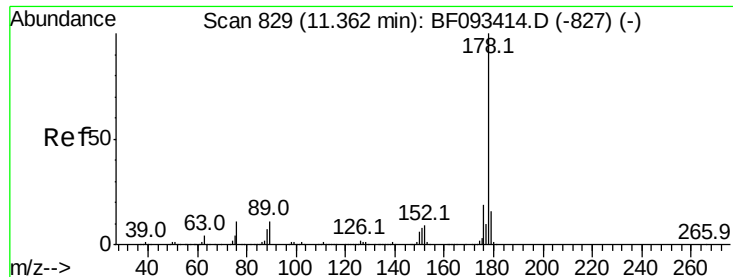


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 7.07 ng

RT: 11.33 min Scan# 826

Delta R.T. 0.01 min

Lab File: BF093687.D

Acq: 16 Mar 2017 00:05

Instrument :

BNA_F

ClientSampleId :

E2-DD9-BASE

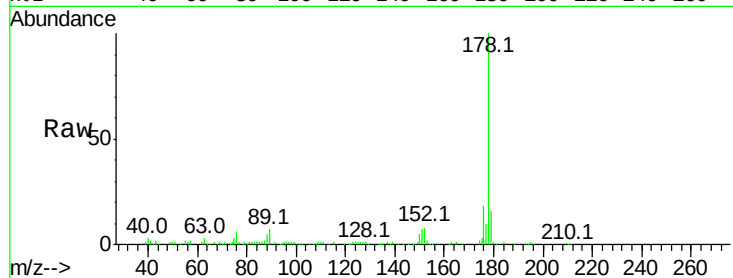
Tot Ion:178 Resp: 130940

Ion Ratio Lower Upper

178 100

176 18.2 15.9 23.9

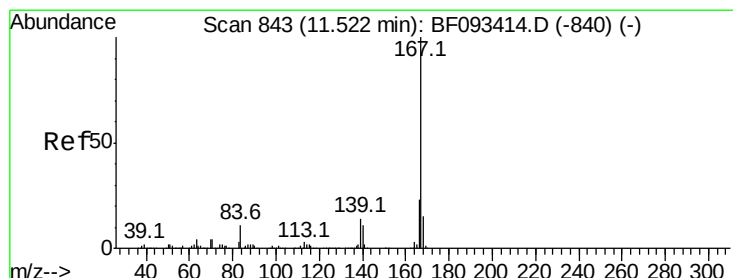
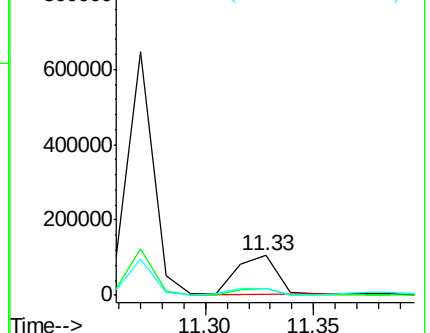
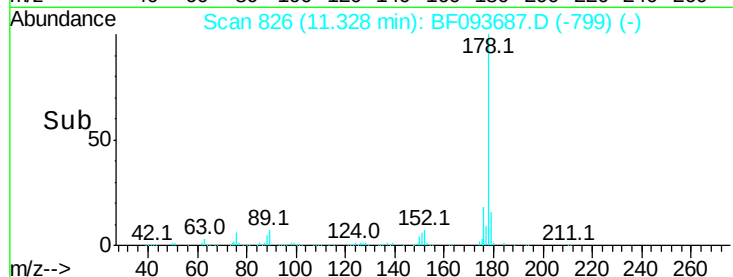
179 16.2 13.2 19.8



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: 3.35 ng

RT: 11.50 min Scan# 841

Delta R.T. 0.01 min

Lab File: BF093687.D

Acq: 16 Mar 2017 00:05

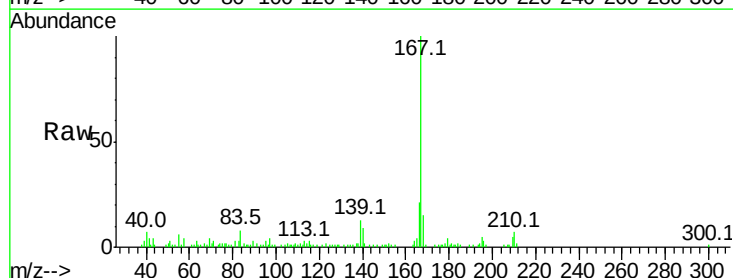
Tgt Ion:167 Resp: 58179

Ion Ratio Lower Upper

167 100

166 20.9 18.2 27.2

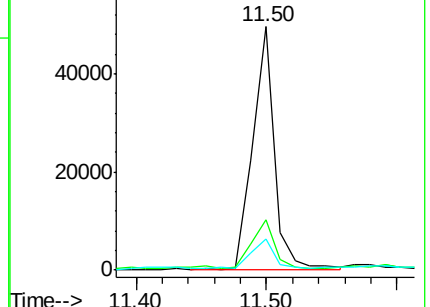
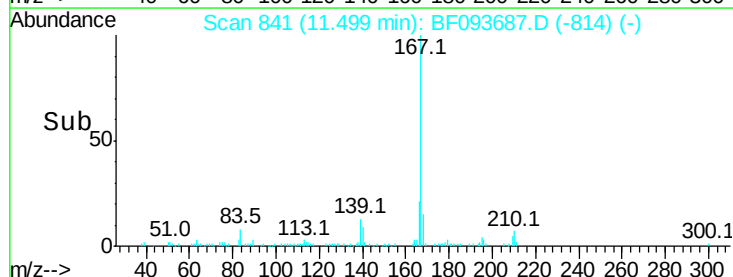
139 12.9 11.4 17.2

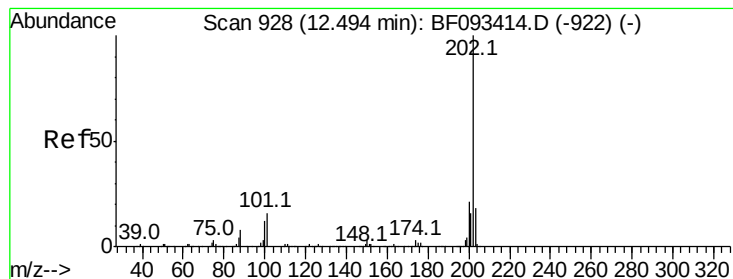


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 43.77 ng

RT: 12.46 min Scan# 925

Delta R.T. -0.00 min

Lab File: BF093687.D

Acq: 16 Mar 2017 00:05

Instrument :

BNA_F

ClientSampleId :

E2-DD9-BASE

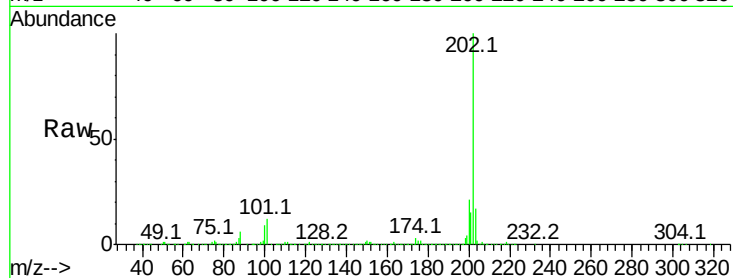
Tot Ion:202 Resp: 773686

Ion Ratio Lower Upper

202 100

101 12.1 0.0 34.6

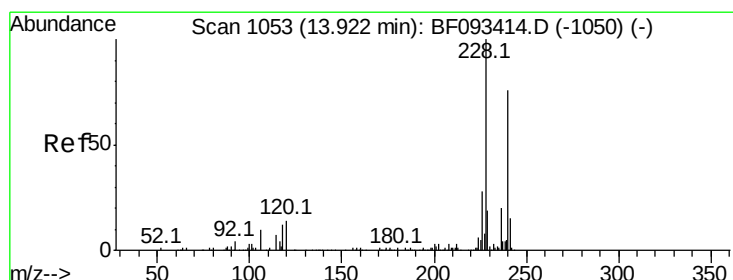
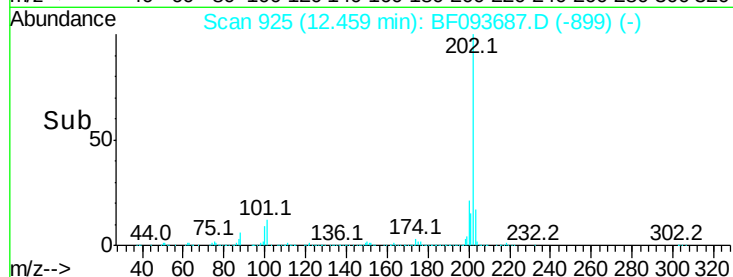
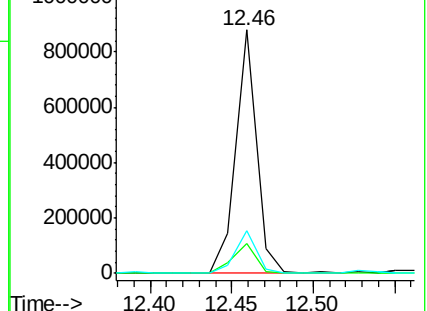
203 17.3 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1050

Delta R.T. -0.00 min

Lab File: BF093687.D

Acq: 16 Mar 2017 00:05

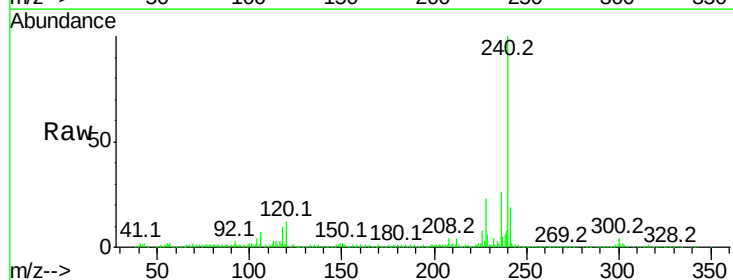
Tgt Ion:240 Resp: 345367

Ion Ratio Lower Upper

240 100

120 11.5 12.9 19.3#

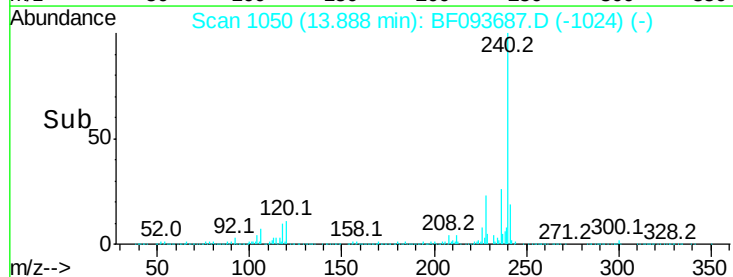
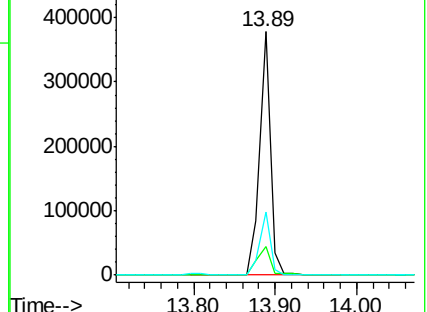
236 25.9 20.9 31.3

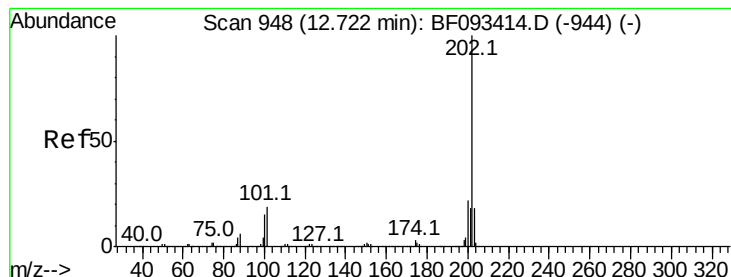


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 31.66 ng

RT: 12.69 min Scan# 945

Delta R.T. 0.01 min

Lab File: BF093687.D

Acq: 16 Mar 2017 00:05

Instrument :

BNA_F

ClientSampleId :

E2-DD9-BASE

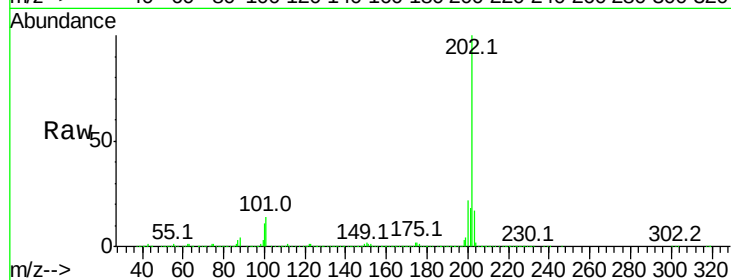
Tot Ion:202 Resp: 795331

Ion Ratio Lower Upper

202 100

200 21.7 17.7 26.5

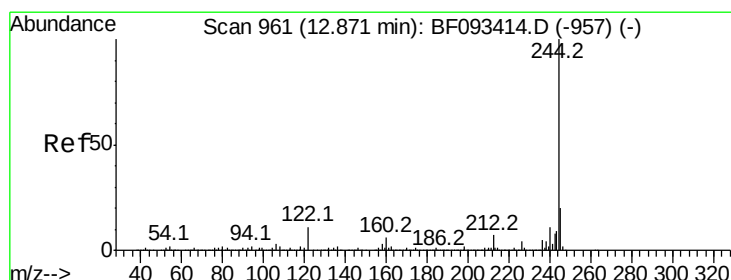
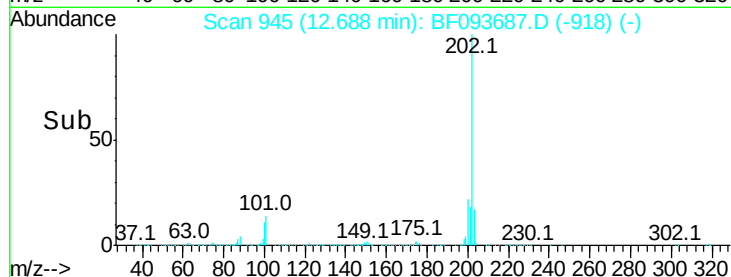
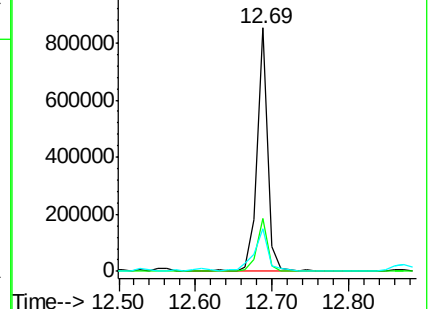
203 17.4 14.7 22.1



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: 26.41 ng

RT: 12.82 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF093687.D

Acq: 16 Mar 2017 00:05

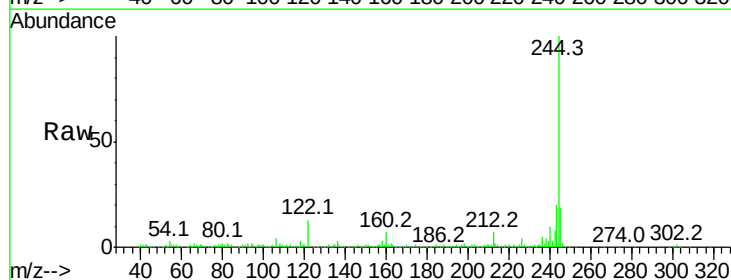
Tgt Ion:244 Resp: 350844

Ion Ratio Lower Upper

244 100

212 7.1 6.2 9.2

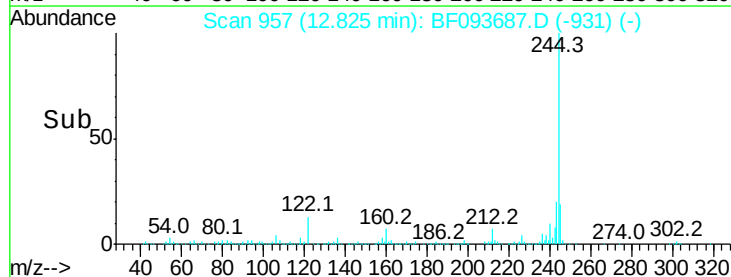
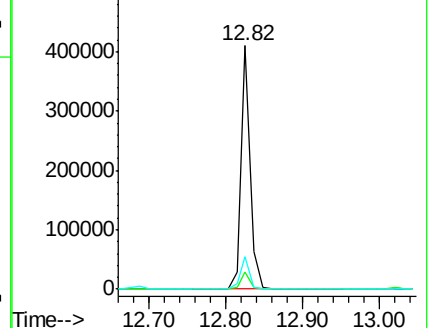
122 13.3 11.4 17.2

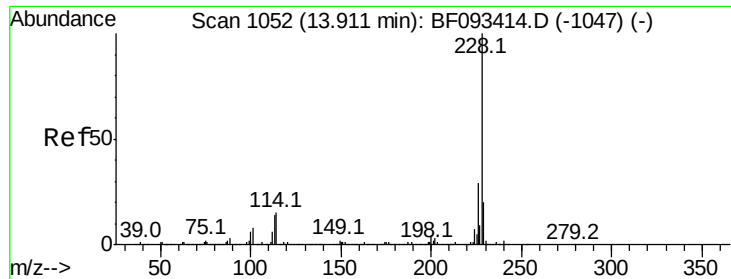


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 20.64 ng m

RT: 13.88 min Scan# 1049

Delta R.T. 0.01 min

Lab File: BF093687.D

Acq: 16 Mar 2017 00:05

Instrument :

BNA_F

ClientSampleId :

E2-DD9-BASE

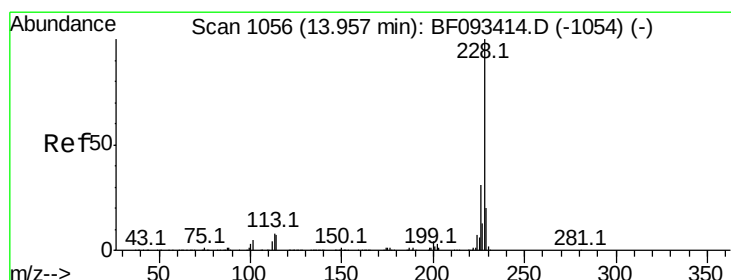
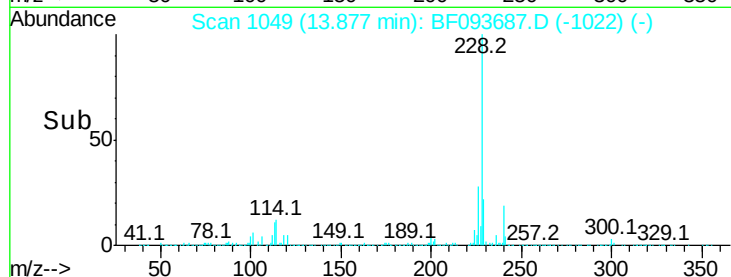
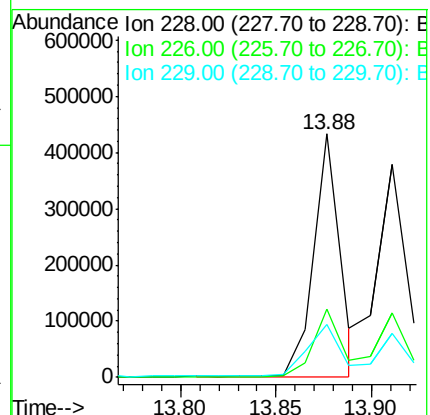
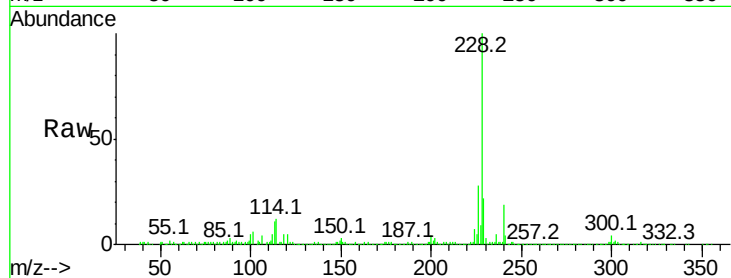
Tot Ion:228 Resp: 420959

Ion Ratio Lower Upper

228 100

226 27.9 22.4 33.6

229 21.8 16.2 24.4



#82

Chrysene

Concen: 21.79 ng m

RT: 13.91 min Scan# 1052

Delta R.T. -0.00 min

Lab File: BF093687.D

Acq: 16 Mar 2017 00:05

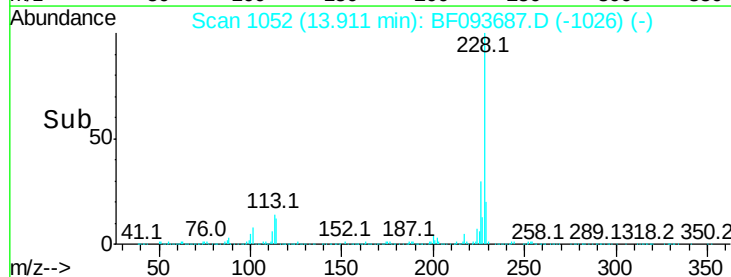
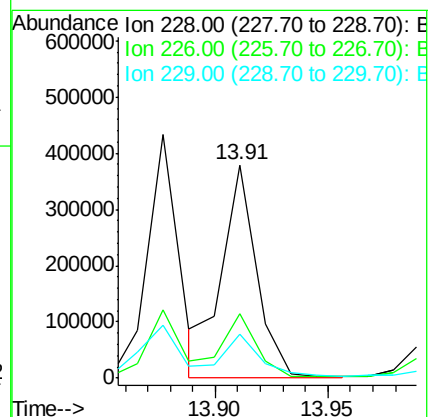
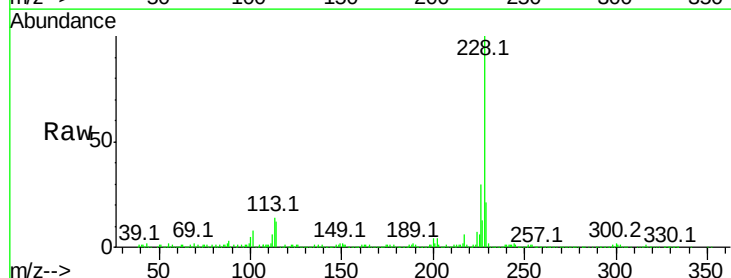
Tgt Ion:228 Resp: 411270

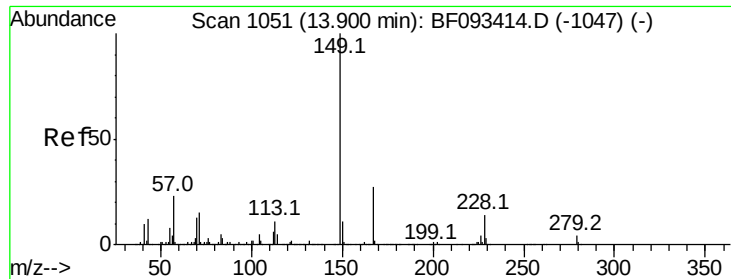
Ion Ratio Lower Upper

228 100

226 30.3 25.4 38.0

229 20.9 16.2 24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 6.34 ng

RT: 13.85 min Scan# 1047

Delta R.T. -0.00 min

Lab File: BF093687.D

Acq: 16 Mar 2017 00:05

Instrument :

BNA_F

ClientSampleId :

E2-DD9-BASE

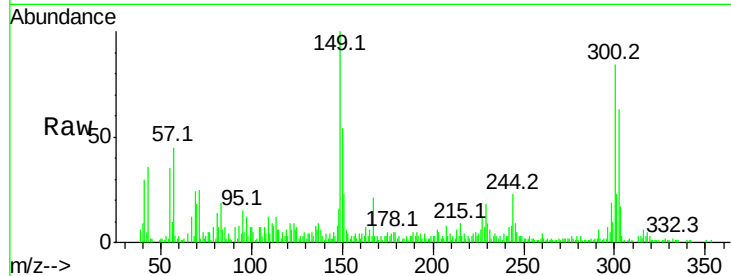
Tot Ion:149 Resp: 93366

Ion Ratio Lower Upper

149 100

167 21.4 20.2 30.4

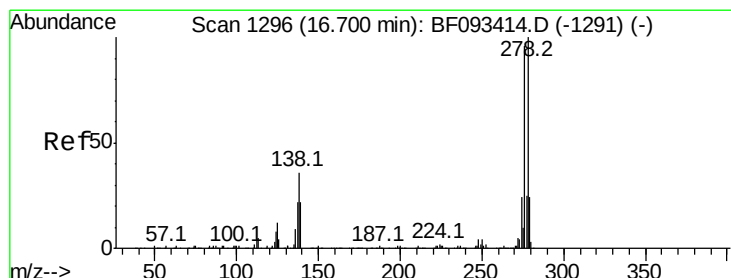
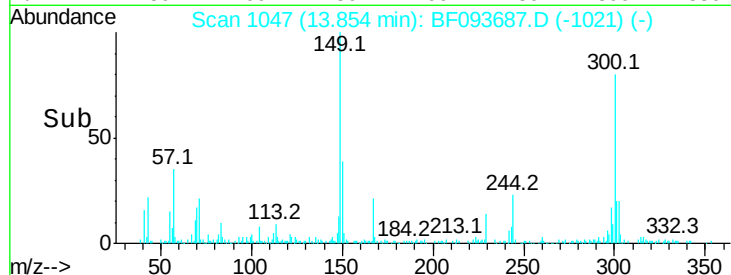
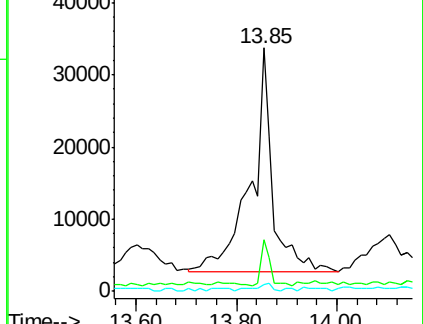
279 2.6 1.8 2.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 13.83 ng

RT: 16.65 min Scan# 1292

Delta R.T. 0.03 min

Lab File: BF093687.D

Acq: 16 Mar 2017 00:05

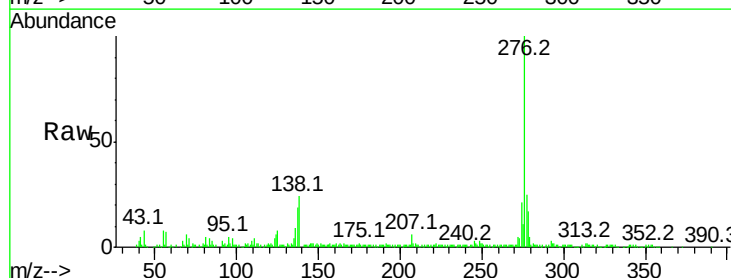
Tgt Ion:276 Resp: 218402

Ion Ratio Lower Upper

276 100

138 28.1 21.8 32.6

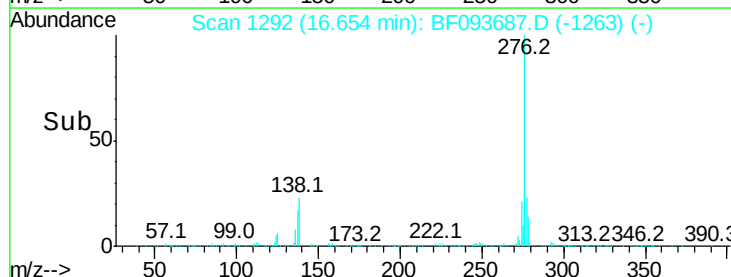
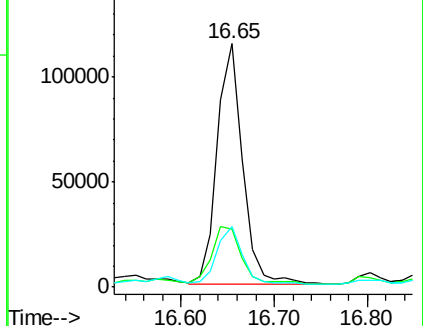
277 24.0 20.2 30.4

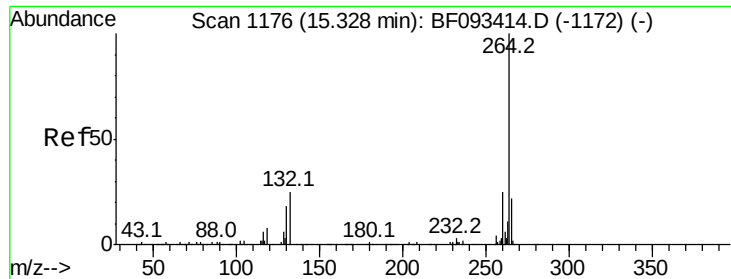


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



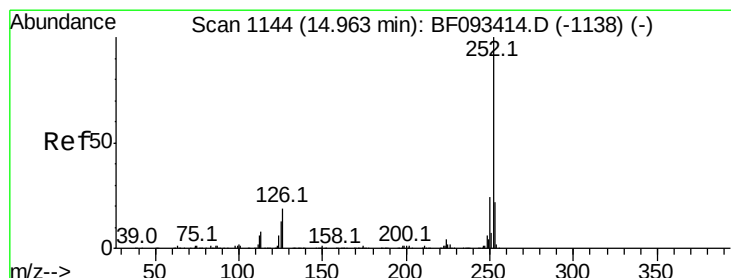
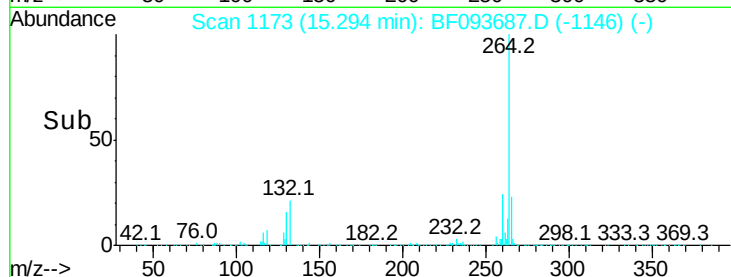
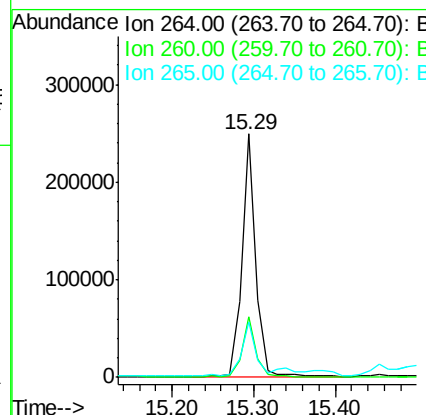
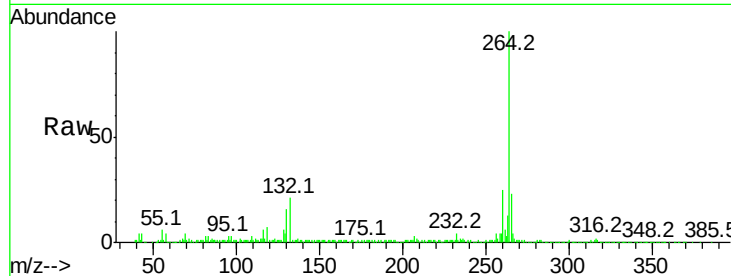


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1173
Delta R.T. 0.01 min
Lab File: BF093687.D
Acq: 16 Mar 2017 00:05

Instrument :
BNA_F
ClientSampleId :
E2-DD9-BASE

Tot Ion:264 Resp: 291507

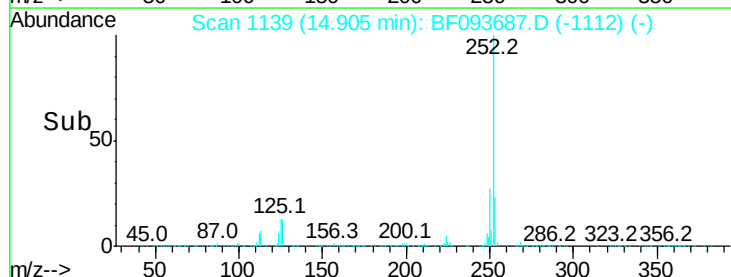
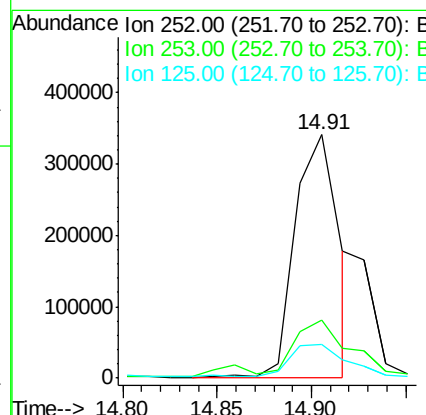
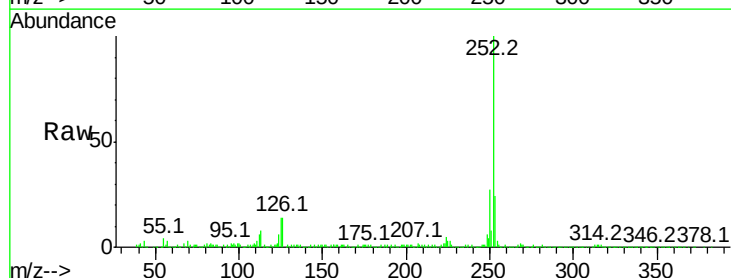
Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	23.0	17.4	26.0

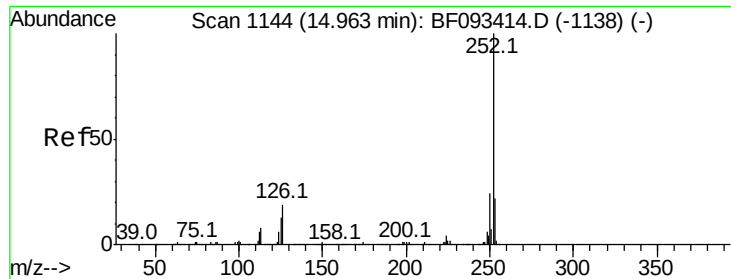


#87
Benzo(b)fluoranthene
Concen: 31.79 ng m
RT: 14.91 min Scan# 1139
Delta R.T. 0.01 min
Lab File: BF093687.D
Acq: 16 Mar 2017 00:05

Tgt Ion:252 Resp: 564394

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.2	27.4
125	13.9	9.8	14.6

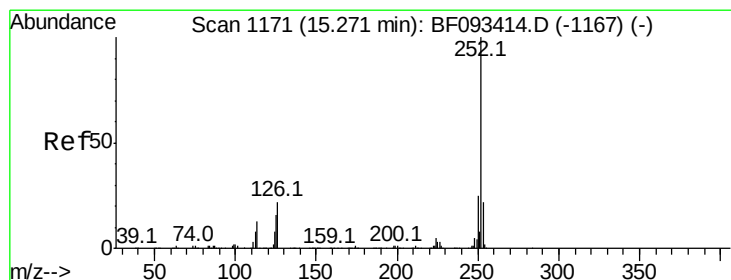
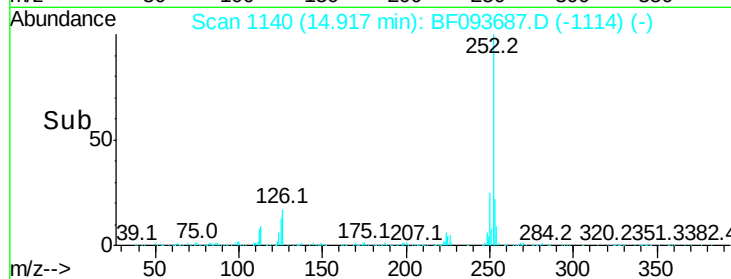
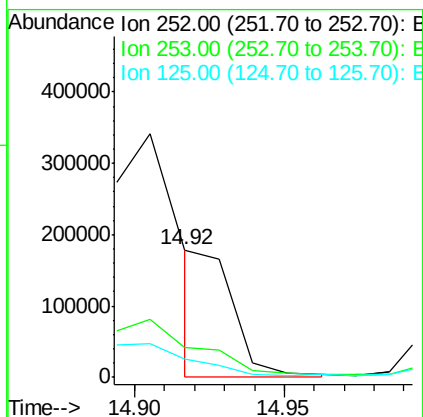
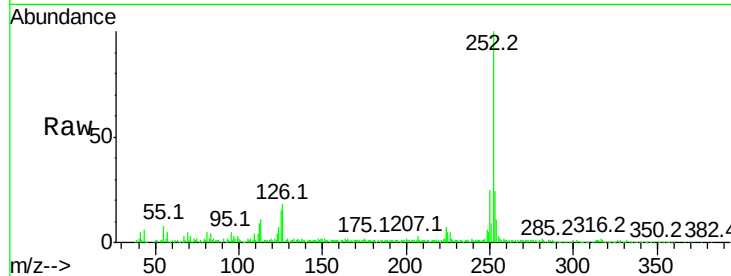




#88
Benzo(k)fluoranthene
Concen: 7.87 ng m
RT: 14.92 min Scan# 1140
Delta R.T. -0.00 min
Lab File: BF093687.D
Acq: 16 Mar 2017 00:05

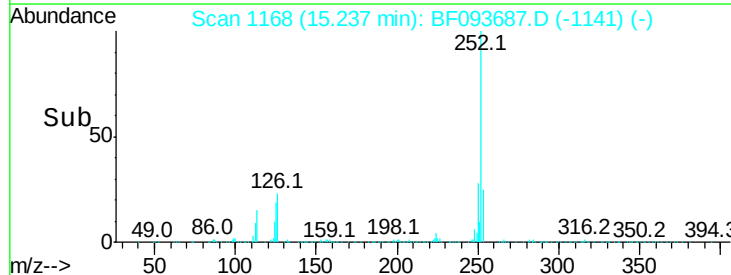
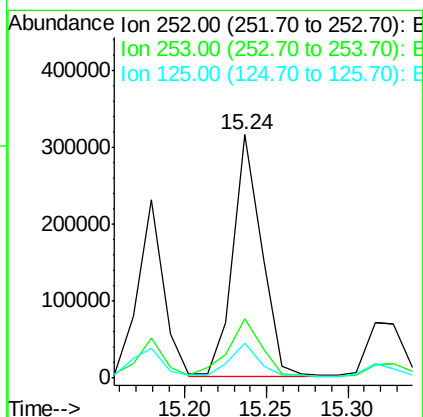
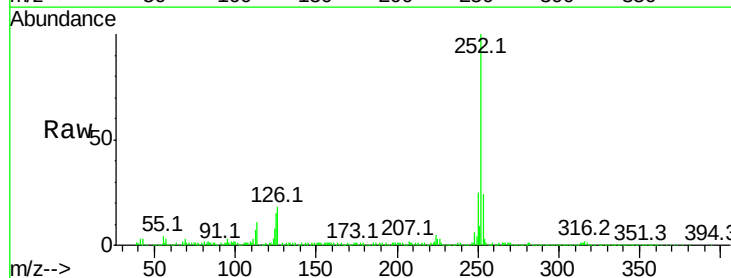
Instrument :
BNA_F
ClientSampleId :
E2-DD9-BASE

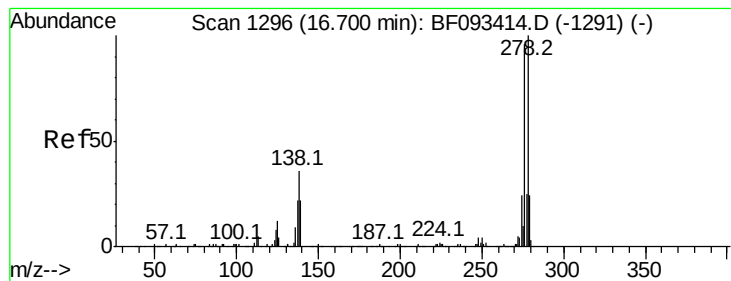
Tot Ion:252 Resp: 134700
Ion Ratio Lower Upper
252 100
253 23.8 18.5 27.7
125 14.8 8.9 13.3#



#89
Benzo(a)pyrene
Concen: 23.64 ng
RT: 15.24 min Scan# 1168
Delta R.T. 0.01 min
Lab File: BF093687.D
Acq: 16 Mar 2017 00:05

Tgt Ion:252 Resp: 383559
Ion Ratio Lower Upper
252 100
253 24.2 18.2 27.2
125 14.6 10.0 15.0





#90

Dibenzo(a,h)anthracene

Concen: 3.43 ng

RT: 16.64 min Scan# 1291

Delta R.T. 0.02 min

Lab File: BF093687.D

Acq: 16 Mar 2017 00:05

Instrument :

BNA_F

ClientSampleId :

E2-DD9-BASE

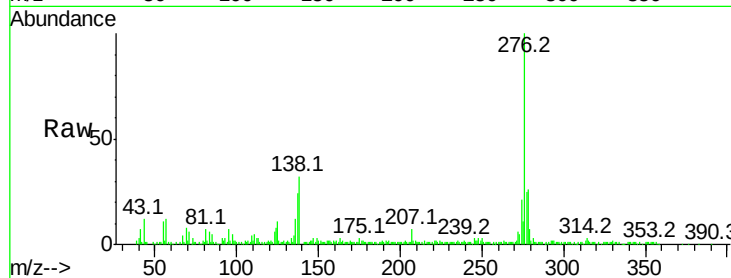
Tot Ion:278 Resp: 46082

Ion Ratio Lower Upper

278 100

139 0.0 14.8 22.2#

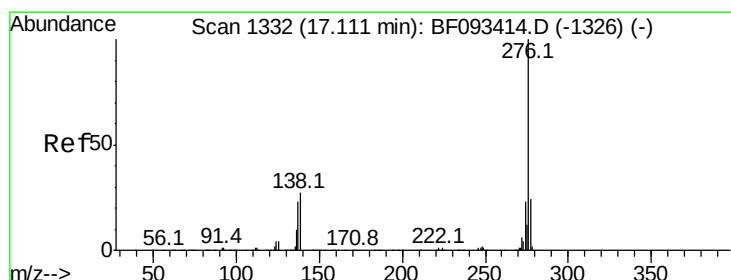
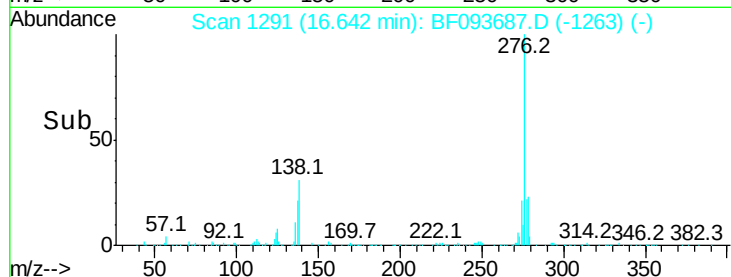
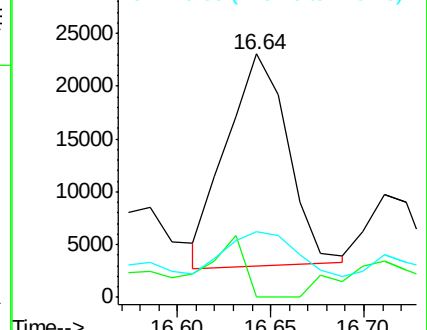
279 27.2 19.8 29.6



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: 14.94 ng

RT: 17.05 min Scan# 1327

Delta R.T. 0.03 min

Lab File: BF093687.D

Acq: 16 Mar 2017 00:05

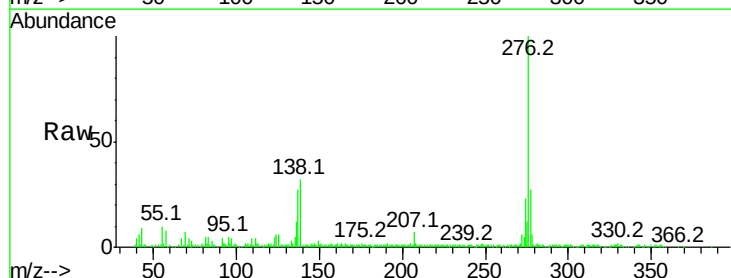
Tgt Ion:276 Resp: 205831

Ion Ratio Lower Upper

276 100

277 26.7 19.2 28.8

138 32.2 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

