

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022817\
 Data File : BF093282.D
 Acq On : 1 Mar 2017 9:13
 Operator : SJ/MA
 Sample : I2017-07DL 2X
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 01 09:48:26 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	6.97	152	231054	20.00	ng	0.11
21) Naphthalene-d8	8.10	136	487989	20.00	ng	-0.05
38) Acenaphthene-d10	9.85	164	187160	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	318826	20.00	ng	-0.05
75) Chrysene-d12	13.99	240	258239	20.00	ng	-0.03
86) Perylene-d12	15.41	264	181957	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	554713	41.19	ng	-0.03
7) Phenol-d6	6.46	99	696123	40.17	ng	-0.02
23) Nitrobenzene-d5	7.38	82	373256	42.59	ng	-0.05
41) 2,4,6-Tribromophenol	10.65	330	89759	66.31	ng	-0.03
44) 2-Fluorobiphenyl	9.17	172	550928	53.33	ng	-0.05
78) Terphenyl-d14	12.92	244	396980	36.12	ng	-0.05

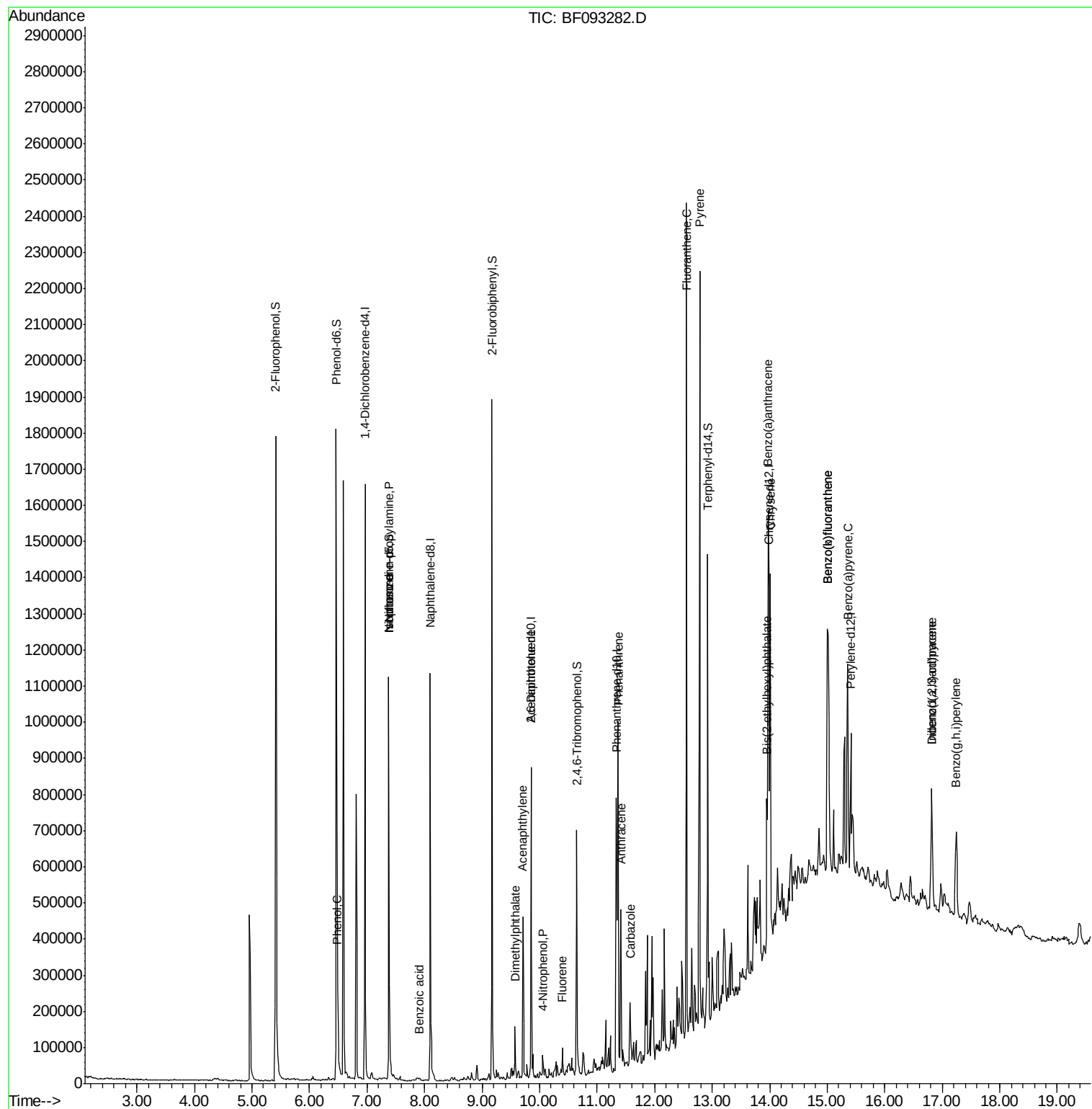
Target Compounds				Qvalue		
10) Phenol	6.49	94	47612	2.35	ng	78
19) n-Nitroso-di-n-propylamine	7.38	70	49112	4.45	ng	# 82
25) Isophorone	7.38	82	361008	22.11	ng	# 65
32) Benzoic acid	7.92	122	2024	7.57	ng	# 41
48) Acenaphthylene	9.71	152	205913	11.24	ng	97
49) Dimethylphthalate	9.57	163	53599	4.25	ng	98
50) 2,6-Dinitrotoluene	9.85	165	25356	9.31	ng	# 33
55) 4-Nitrophenol	10.05	139	8255	3.68	ng	# 9
57) Fluorene	10.40	166	29312	2.60	ng	94
70) Phenanthrene	11.37	178	546602	29.92	ng	97
71) Anthracene	11.41	178	171294	9.34	ng	97
72) Carbazole	11.57	167	66174	3.77	ng	99
74) Fluoranthene	12.56	202	931561	49.44	ng	96
77) Pyrene	12.78	202	872906	45.17	ng	99
80) Benzo(a)anthracene	13.97	228	387482	24.53	ng	94
82) Chrysene	14.01	228	305657	20.67	ng	98
83) Bis(2-ethylhexyl)phthalate	13.95	149	98693	9.20	ng	99
85) Indeno(1,2,3-cd)pyrene	16.82	276	211386	18.45	ng	99
87) Benzo(b)fluoranthene	15.00	252	572643	47.81	ng	# 97
88) Benzo(k)fluoranthene	15.00	252	572643	55.38	ng	# 96
89) Benzo(a)pyrene	15.36	252	270726	26.13	ng	99
90) Dibenzo(a,h)anthracene	16.82	278	52424	6.26	ng	# 76
91) Benzo(g,h,i)perylene	17.24	276	202594	23.95	ng	# 91

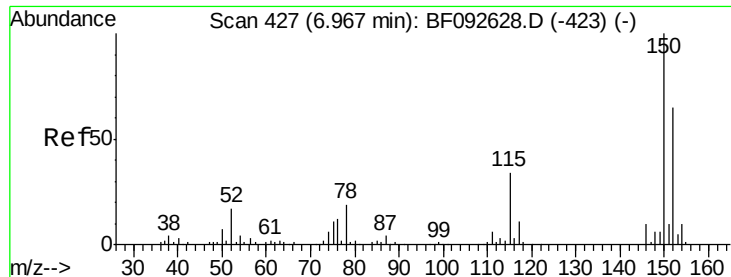
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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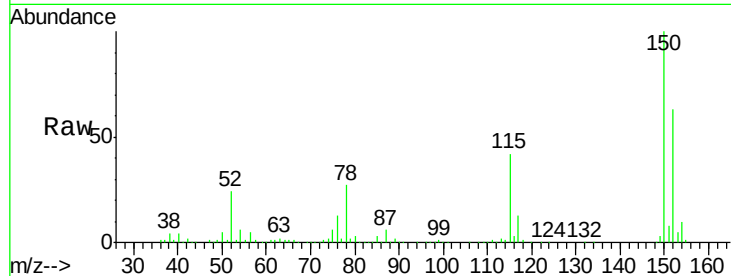


#1

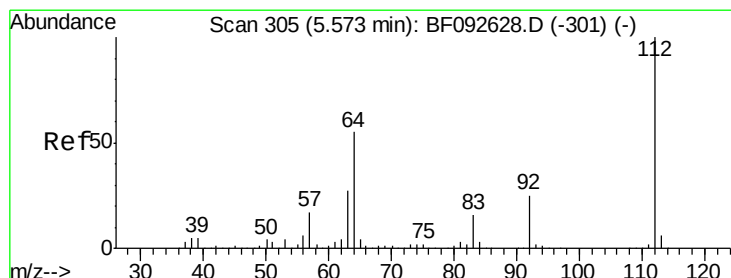
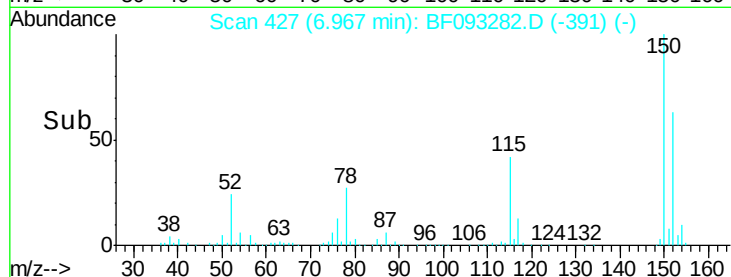
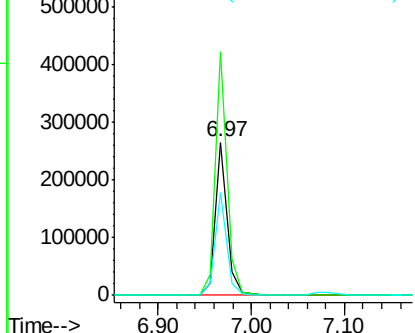
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 427
Delta R.T. 0.11 min
Lab File: BF093282.D
Acq: 1 Mar 2017 9:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 231054
Ion Ratio Lower Upper
152 100
150 159.0 124.9 187.3
115 66.8 46.0 69.0



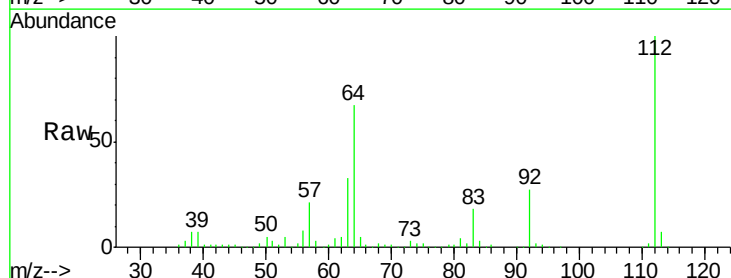
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



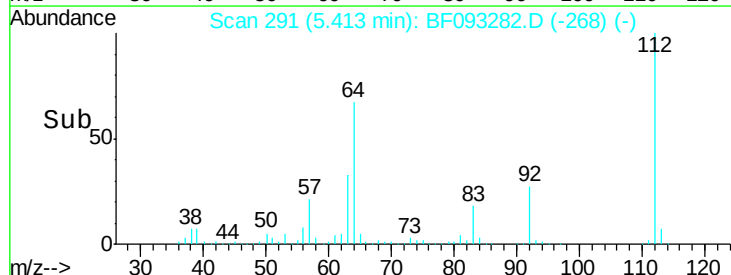
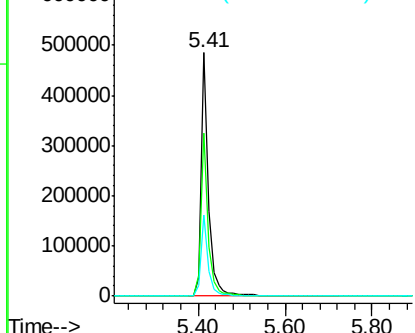
#5

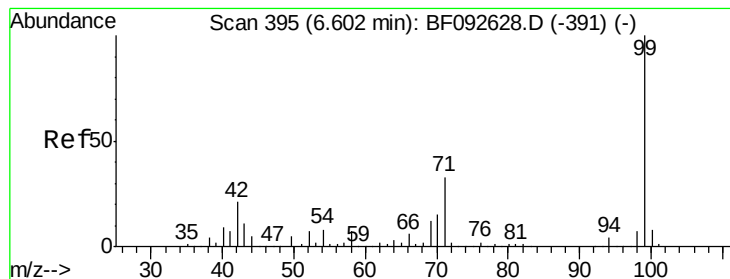
2-Fluorophenol
Concen: 41.19 ng
RT: 5.41 min Scan# 291
Delta R.T. -0.03 min
Lab File: BF093282.D
Acq: 1 Mar 2017 9:13

Tgt Ion:112 Resp: 554713
Ion Ratio Lower Upper
112 100
64 67.0 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: 40.17 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.02 min

Lab File: BF093282.D

Acq: 1 Mar 2017 9:13

Instrument :

BNA_F

ClientSampleId :

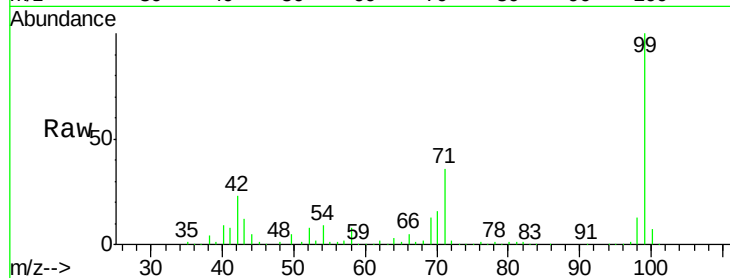
Tot Ion: 99 Resp: 696123

Ion Ratio Lower Upper

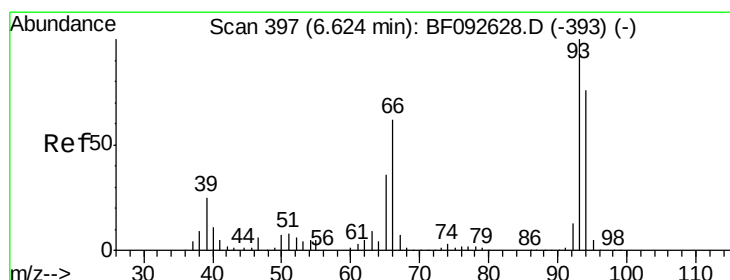
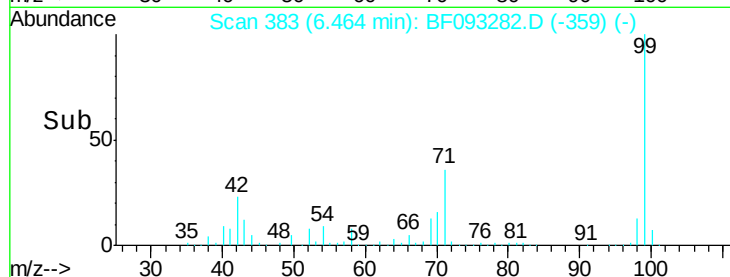
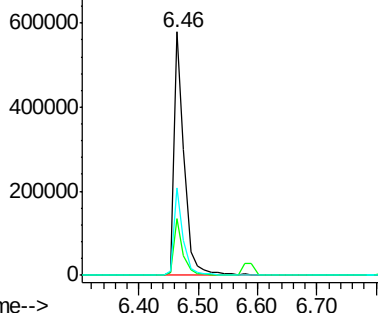
99 100

42 23.4 15.6 23.4

71 36.0 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



#10

Phenol

Concen: 2.35 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF093282.D

Acq: 1 Mar 2017 9:13

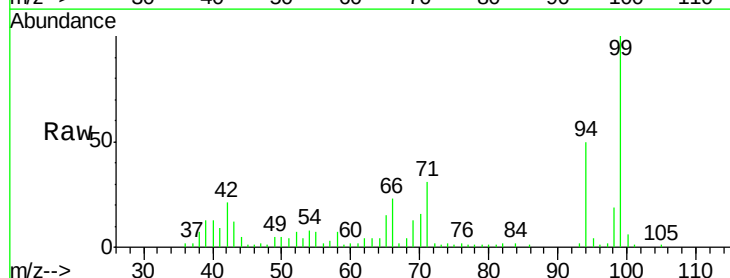
Tgt Ion: 94 Resp: 47612

Ion Ratio Lower Upper

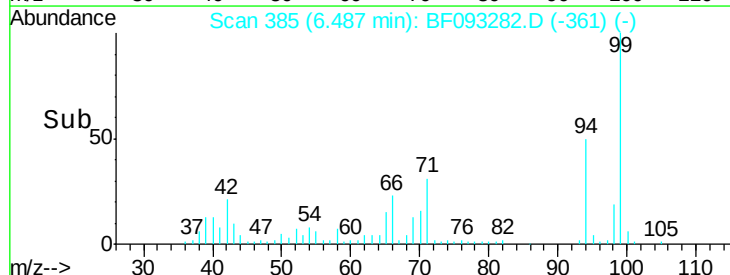
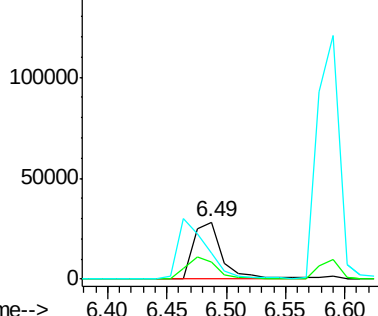
94 100

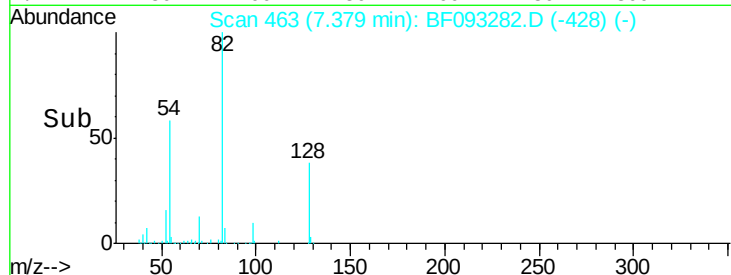
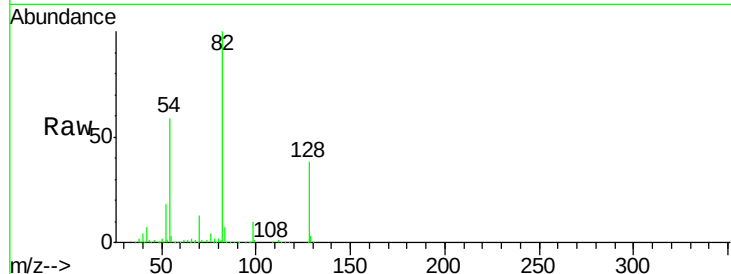
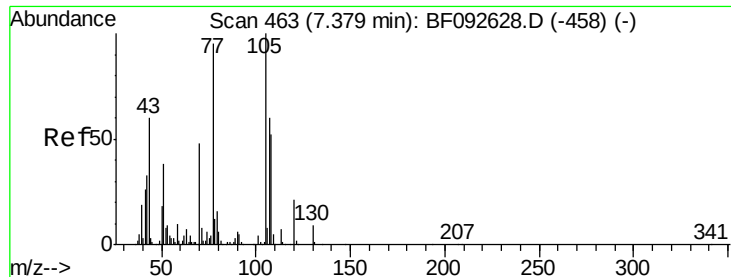
65 29.9 21.4 61.4

66 44.9 44.0 84.0



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

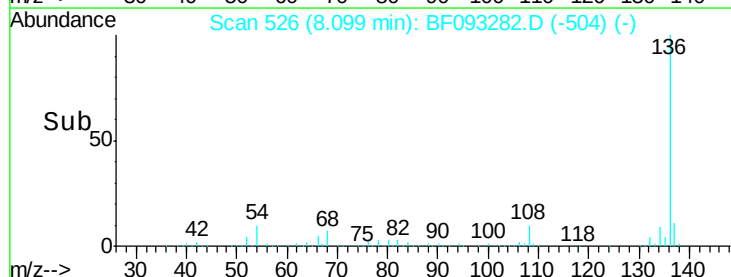
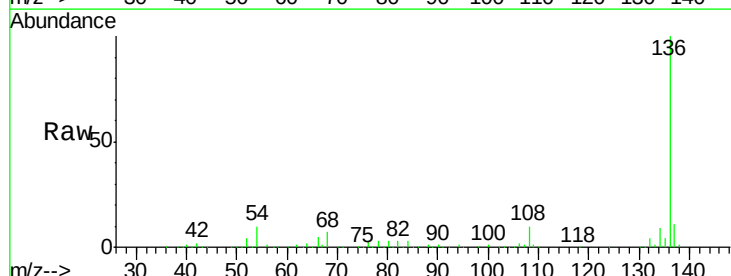
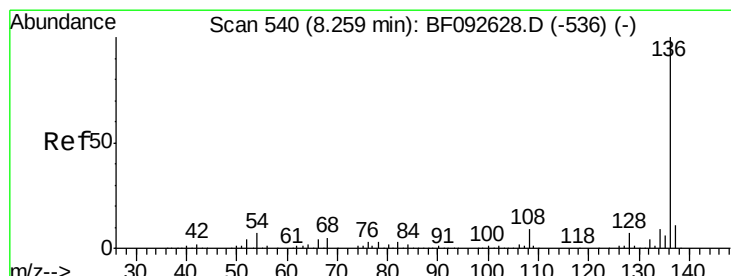
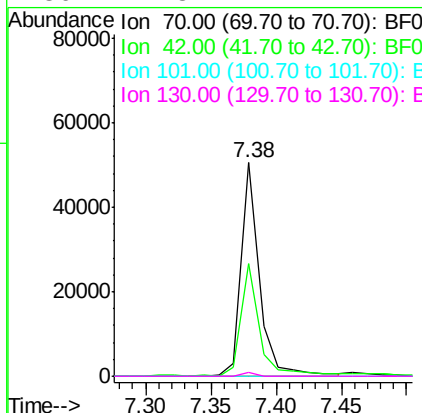




#19
n-Nitroso-di-n-propylamine
Concen: 4.45 ng
RT: 7.38 min Scan# 463
Delta R.T. 0.10 min
Lab File: BF093282.D
Acq: 1 Mar 2017 9:13

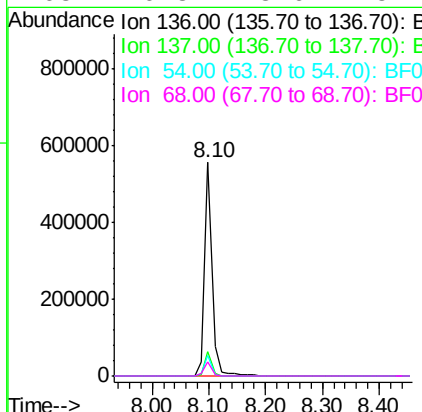
Instrument :
BNA_F
ClientSampleId :

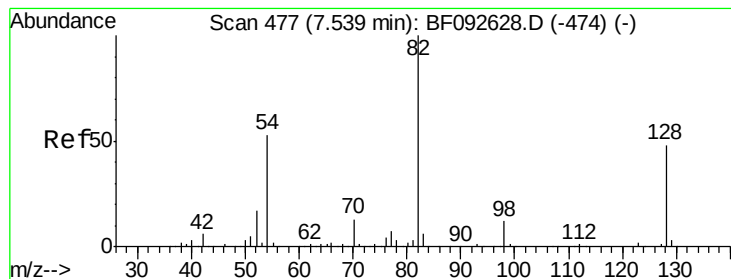
Tot Ion	70	Resp	49112
Ion Ratio	Lower	Upper	
70	100		
42	52.8	49.4	74.0
101	0.0	7.4	11.2#
130	1.8	14.2	21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.05 min
Lab File: BF093282.D
Acq: 1 Mar 2017 9:13

Tgt Ion	136	Resp	487989
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.4	12.6
54	9.6	4.5	6.7#
68	6.8	3.6	5.4#





#23

Nitrobenzene-d5

Concen: 42.59 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.05 min

Lab File: BF093282.D

Acq: 1 Mar 2017 9:13

Instrument :

BNA_F

ClientSampleId :

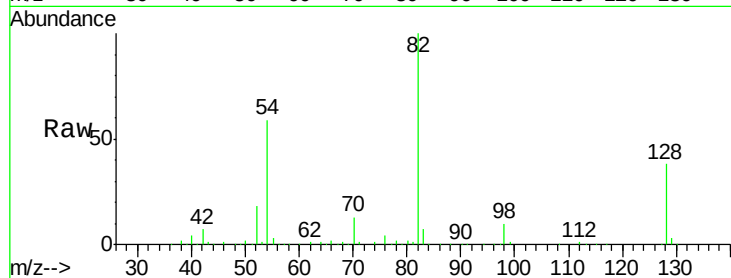
Tot Ion: 82 Resp: 373256

Ion Ratio Lower Upper

82 100

128 38.0 34.6 52.0

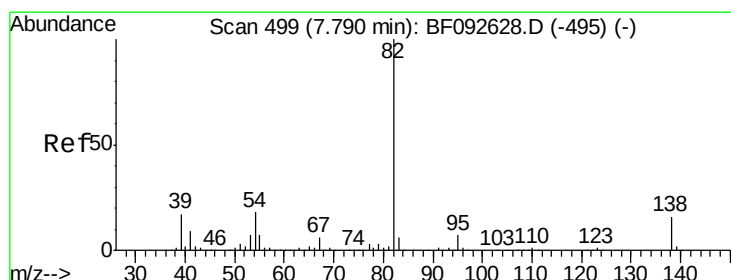
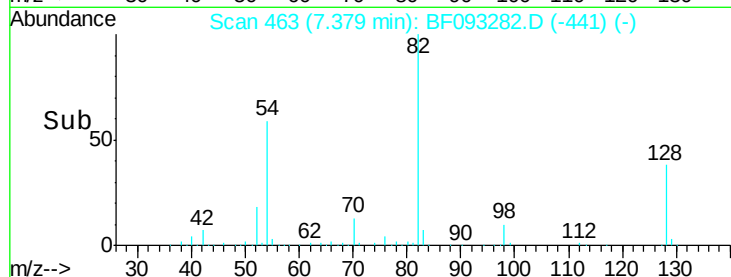
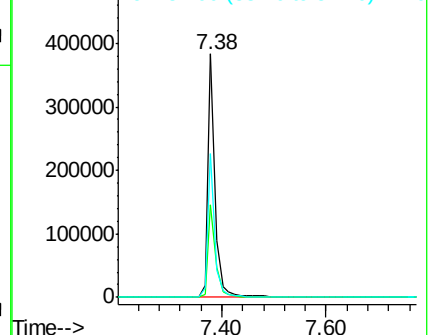
54 58.8 39.5 59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 22.11 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.31 min

Lab File: BF093282.D

Acq: 1 Mar 2017 9:13

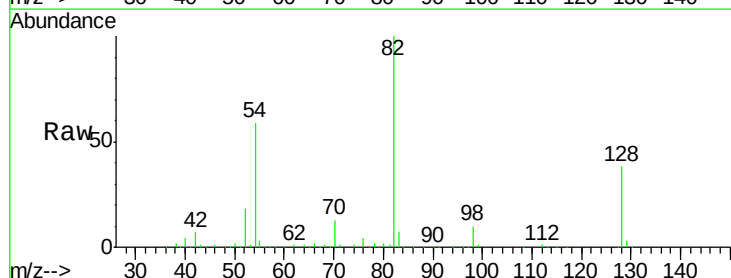
Tgt Ion: 82 Resp: 361008

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

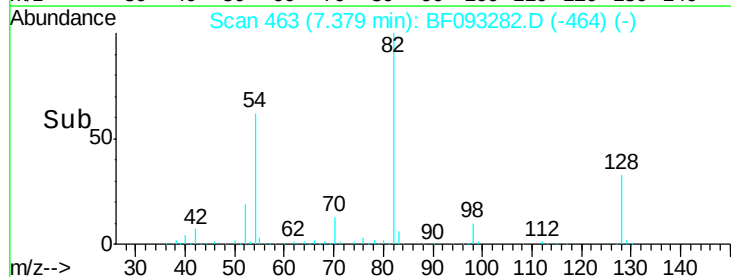
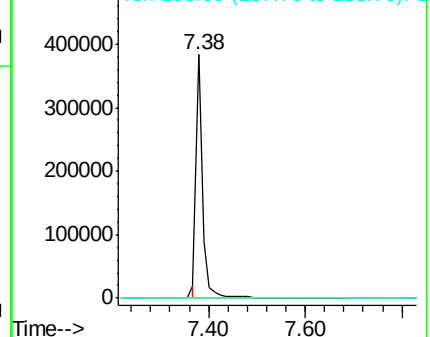
138 0.0 14.6 22.0#

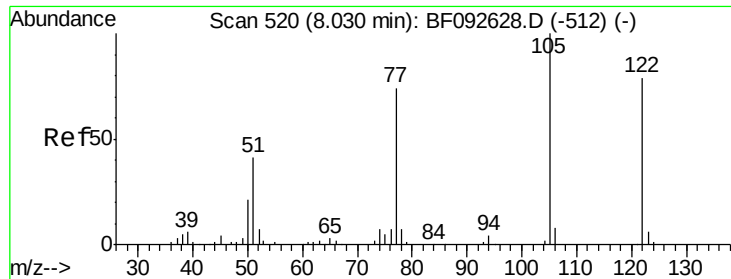


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0





#32

Benzoic acid

Concen: 7.57 ng

RT: 7.92 min Scan# 510

Delta R.T. -0.01 min

Lab File: BF093282.D

Acq: 1 Mar 2017 9:13

Instrument :

BNA_F

ClientSampled :

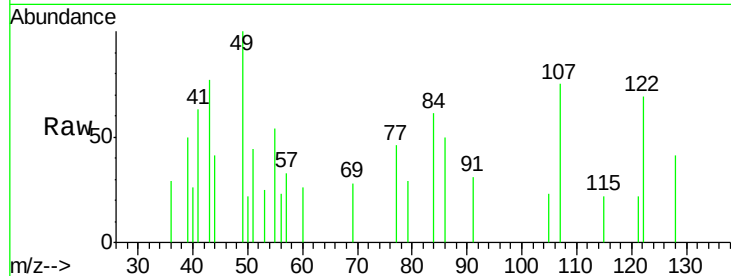
Tot Ion:122 Resp: 2024

Ion Ratio Lower Upper

122 100

105 33.2 107.2 147.2#

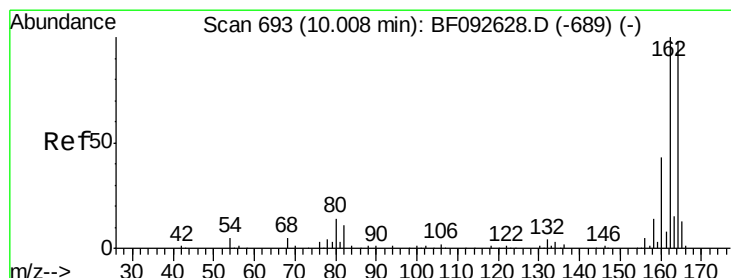
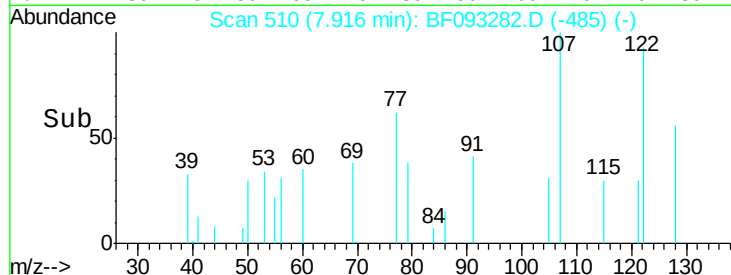
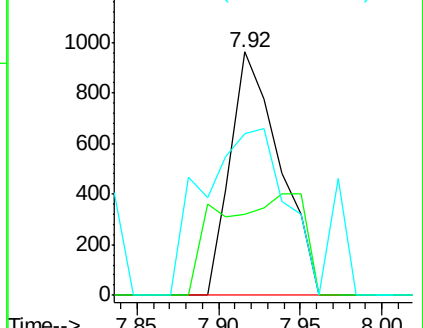
77 66.4 74.5 114.5#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.05 min

Lab File: BF093282.D

Acq: 1 Mar 2017 9:13

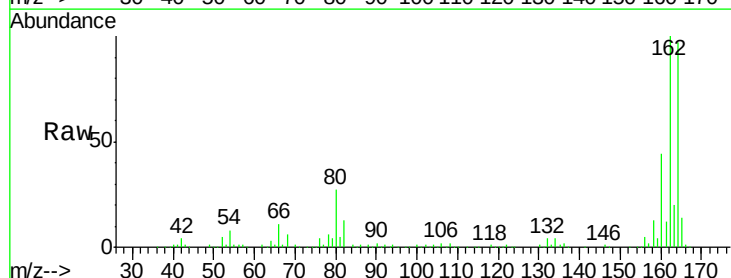
Tgt Ion:164 Resp: 187160

Ion Ratio Lower Upper

164 100

162 103.5 80.2 120.2

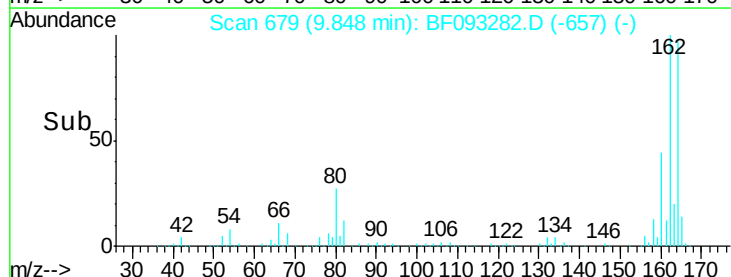
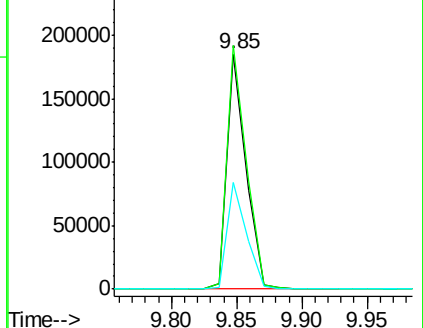
160 45.1 36.9 55.3

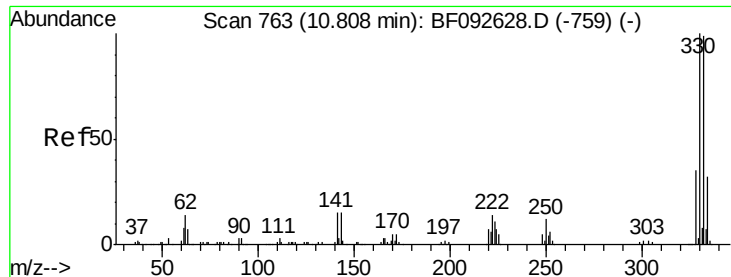


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

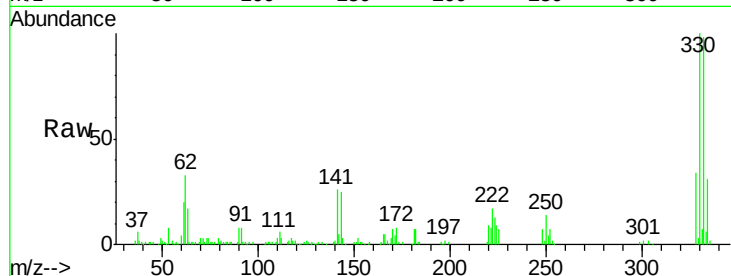




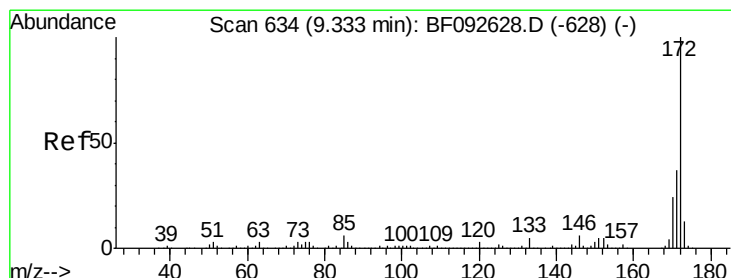
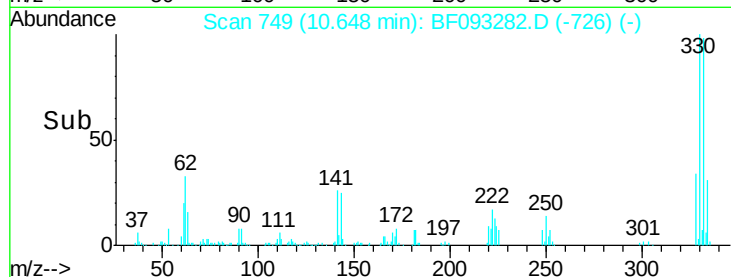
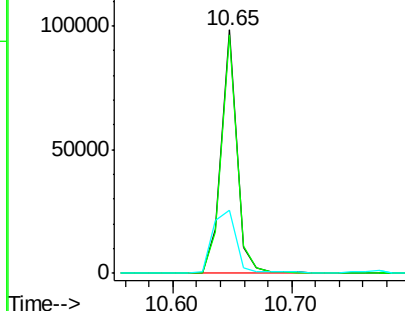
#41
 2,4,6-Tribromophenol
 Concen: 66.31 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.03 min
 Lab File: BF093282.D
 Acq: 1 Mar 2017 9:13

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.4	116.2
141	40.4	34.1	51.1

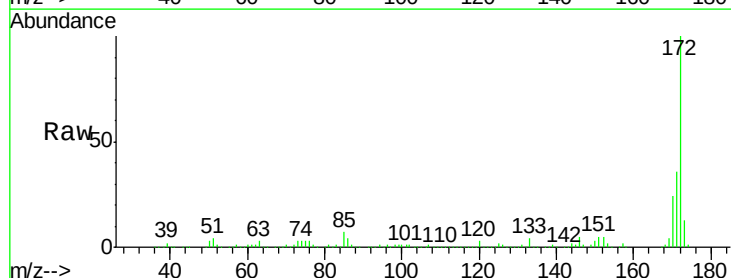


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

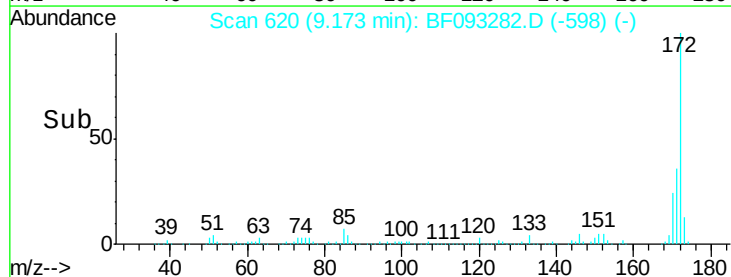
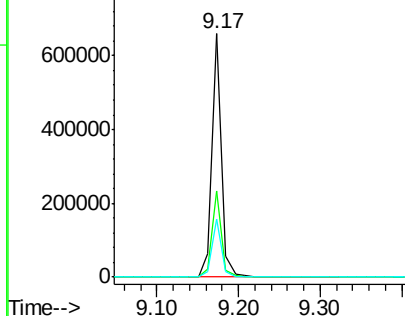


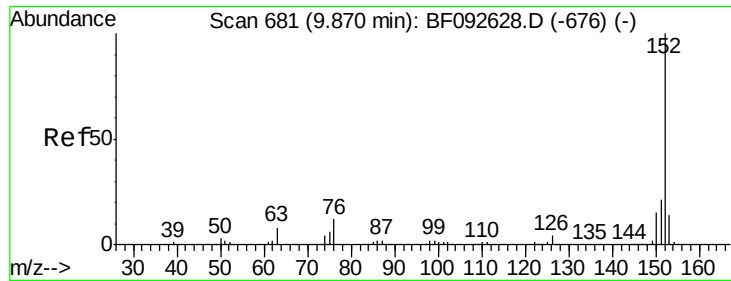
#44
 2-Fluorobiphenyl
 Concen: 53.33 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF093282.D
 Acq: 1 Mar 2017 9:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.4	44.0
170	23.8	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





#48

Acenaphthylene

Concen: 11.24 ng

RT: 9.71 min Scan# 667

Delta R.T. -0.05 min

Lab File: BF093282.D

Acq: 1 Mar 2017 9:13

Instrument :

BNA_F

ClientSampled :

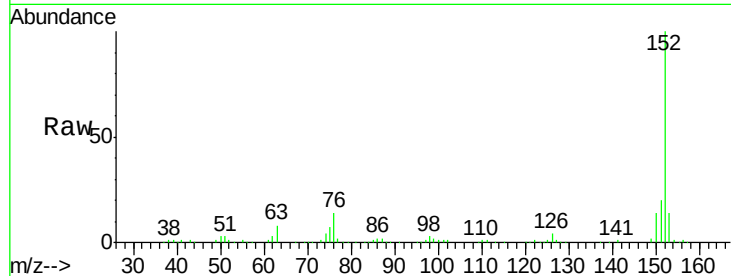
Tot Ion:152 Resp: 205913

Ion Ratio Lower Upper

152 100

151 19.6 16.9 25.3

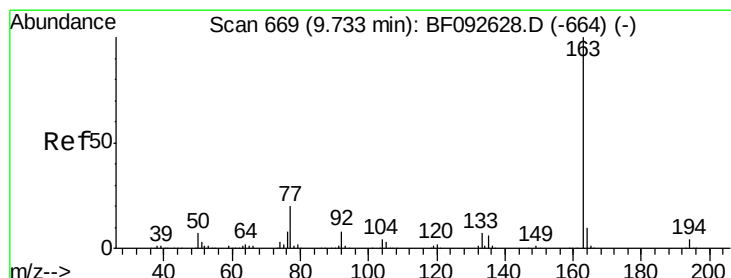
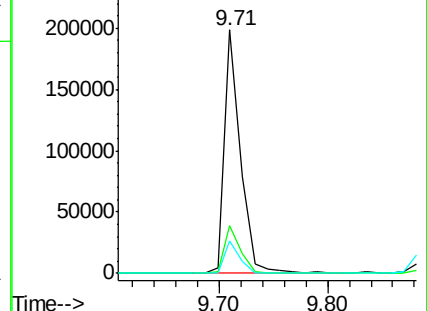
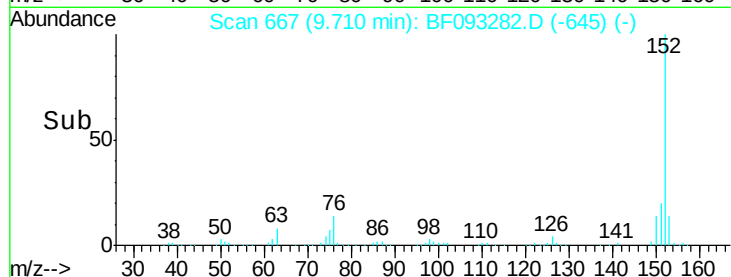
153 13.6 11.4 17.2



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: 4.25 ng

RT: 9.57 min Scan# 655

Delta R.T. -0.05 min

Lab File: BF093282.D

Acq: 1 Mar 2017 9:13

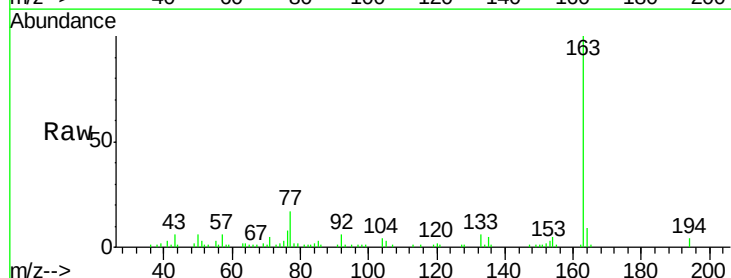
Tgt Ion:163 Resp: 53599

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.4

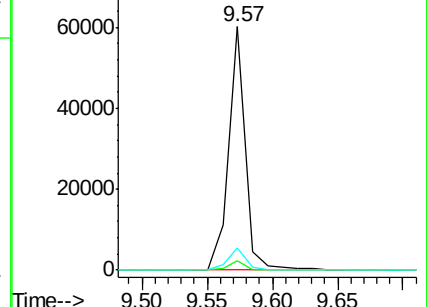
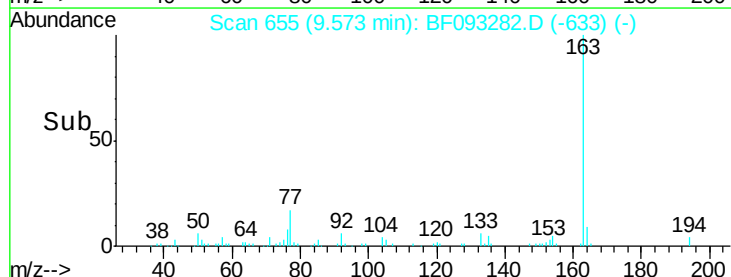
164 9.1 8.0 12.0

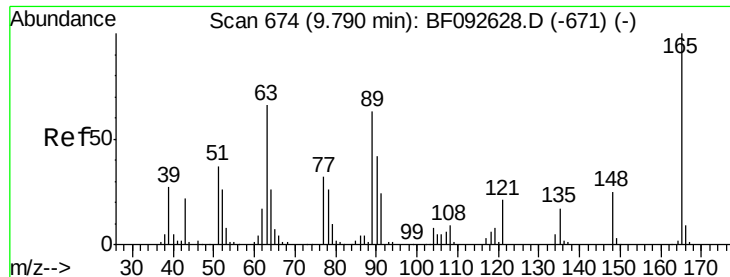


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

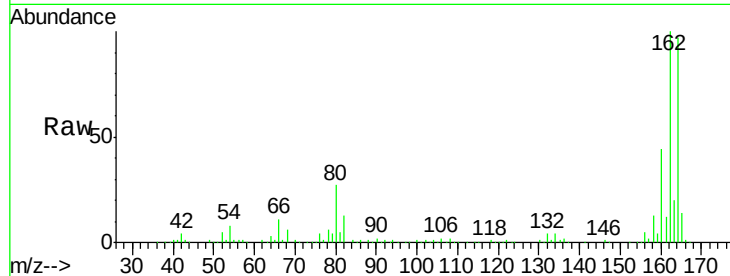




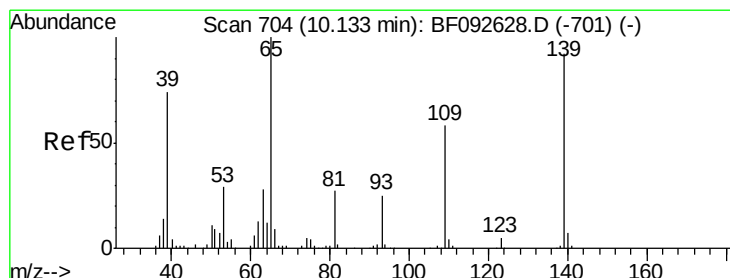
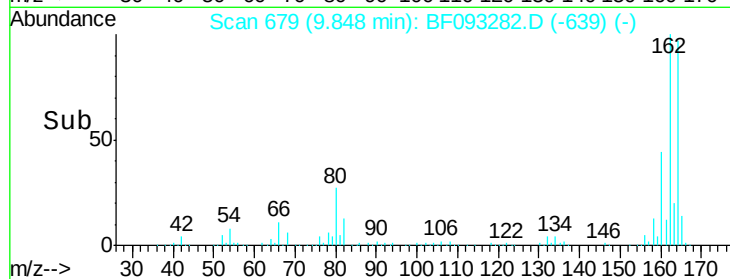
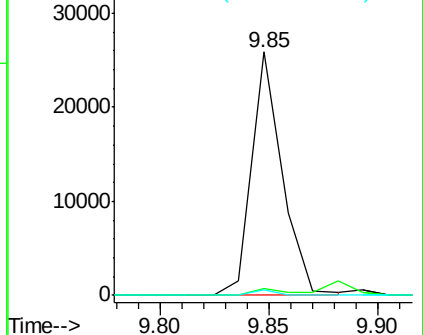
#50
2,6-Dinitrotoluene
Concen: 9.31 ng
RT: 9.85 min Scan# 679
Delta R.T. 0.16 min
Lab File: BF093282.D
Acq: 1 Mar 2017 9:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 25356
Ion Ratio Lower Upper
165 100
63 2.5 36.2 54.4#
89 2.3 40.2 60.4#

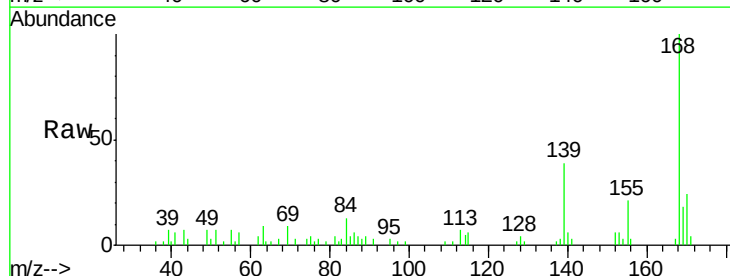


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

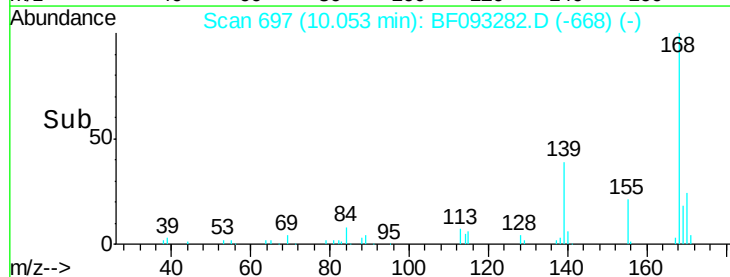
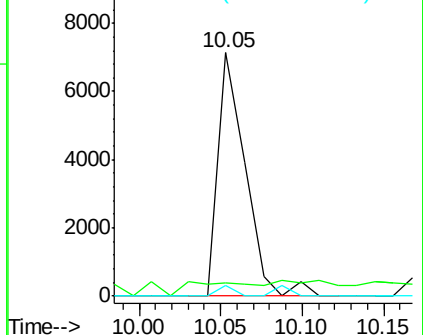


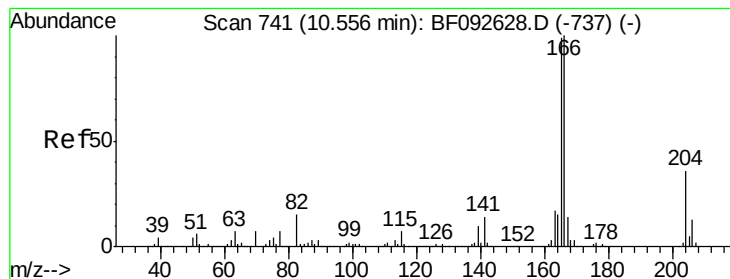
#55
4-Nitrophenol
Concen: 3.68 ng
RT: 10.05 min Scan# 697
Delta R.T. 0.03 min
Lab File: BF093282.D
Acq: 1 Mar 2017 9:13

Tgt Ion:139 Resp: 8255
Ion Ratio Lower Upper
139 100
109 5.3 52.2 92.2#
65 4.3 85.8 125.8#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





#57

Fluorene

Concen: 2.60 ng

RT: 10.40 min Scan# 727

Delta R.T. -0.05 min

Lab File: BF093282.D

Acq: 1 Mar 2017 9:13

Instrument :

BNA_F

ClientSampleId :

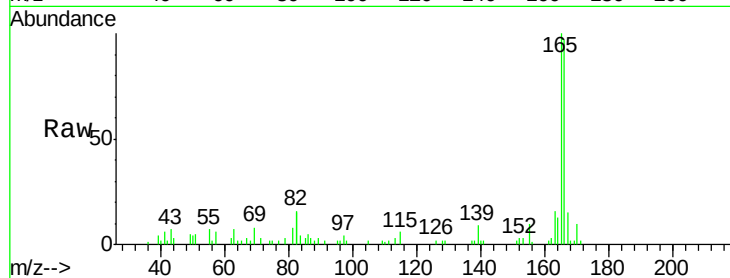
Tot Ion:166 Resp: 29312

Ion Ratio Lower Upper

166 100

165 103.1 77.8 116.8

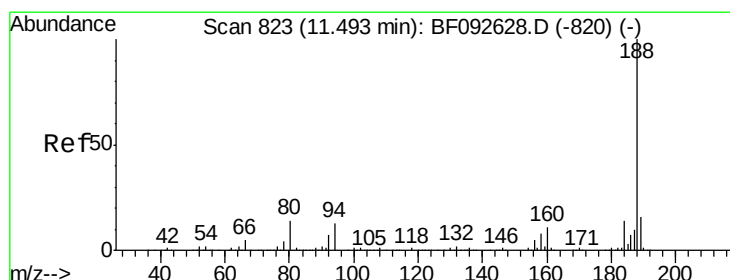
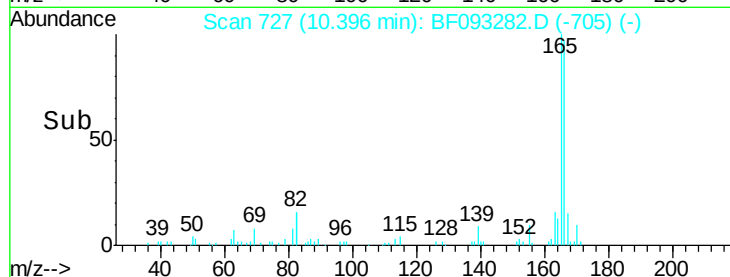
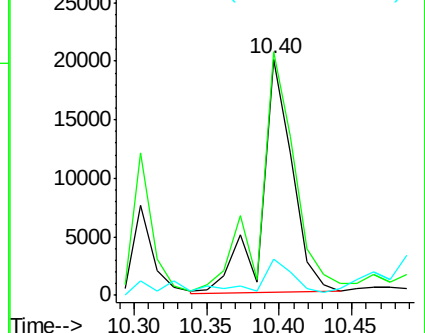
167 15.4 10.8 16.2



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: BF093282.D

Acq: 1 Mar 2017 9:13

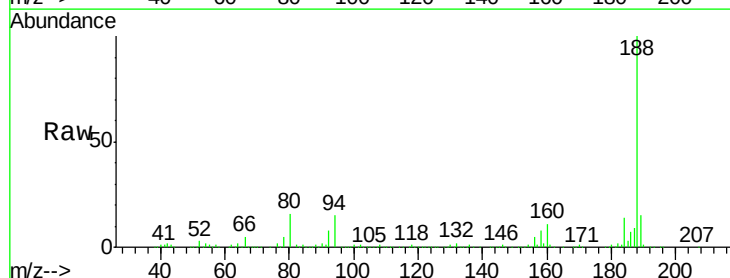
Tgt Ion:188 Resp: 318826

Ion Ratio Lower Upper

188 100

94 14.8 10.0 15.0

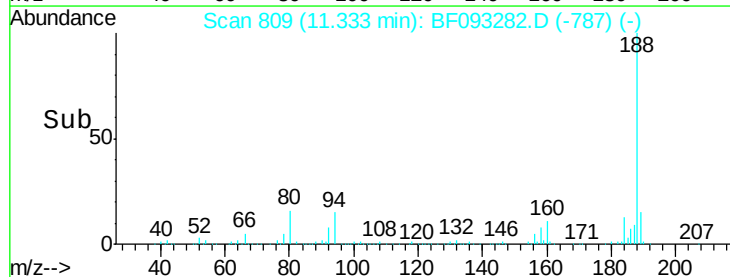
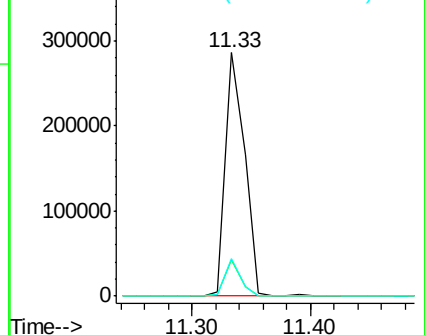
80 15.6 11.2 16.8

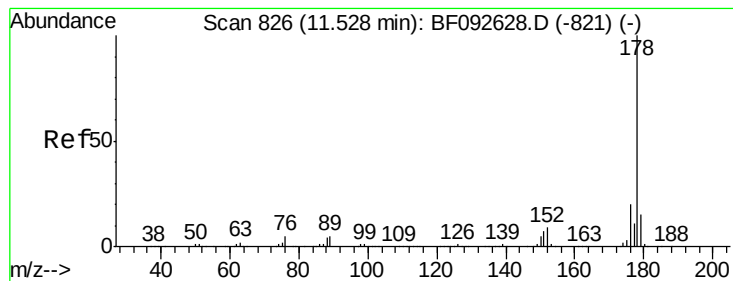


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#70

Phenanthrene

Concen: 29.92 ng

RT: 11.37 min Scan# 812

Delta R.T. -0.03 min

Lab File: BF093282.D

Acq: 1 Mar 2017 9:13

Instrument :

BNA_F

ClientSampled :

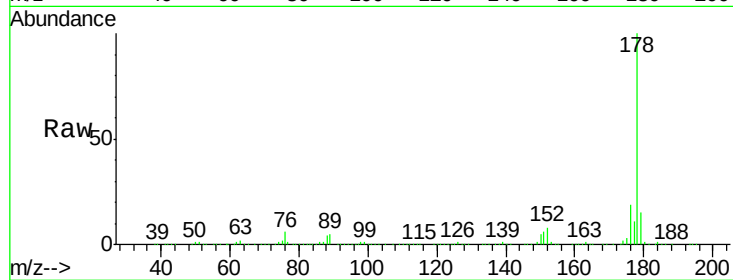
Tot Ion:178 Resp: 546602

Ion Ratio Lower Upper

178 100

176 19.3 16.6 25.0

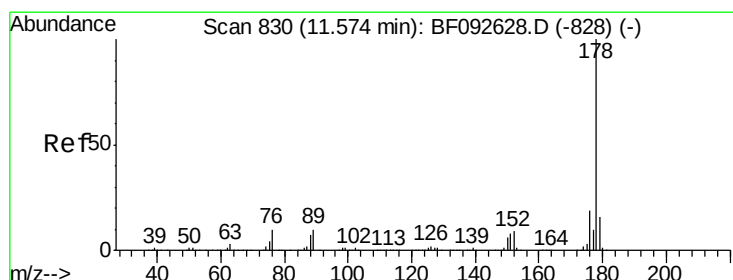
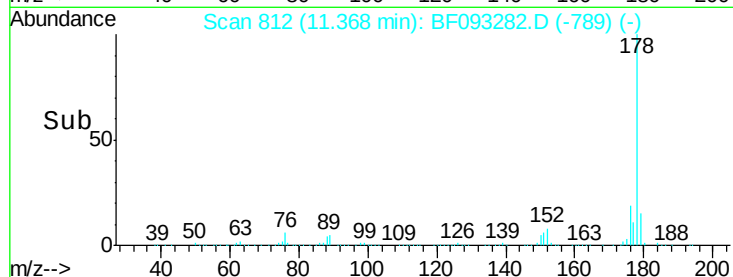
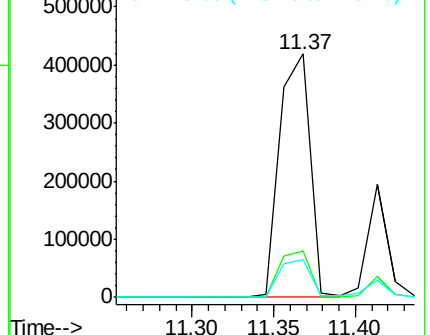
179 15.3 12.8 19.2



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: 9.34 ng

RT: 11.41 min Scan# 816

Delta R.T. -0.05 min

Lab File: BF093282.D

Acq: 1 Mar 2017 9:13

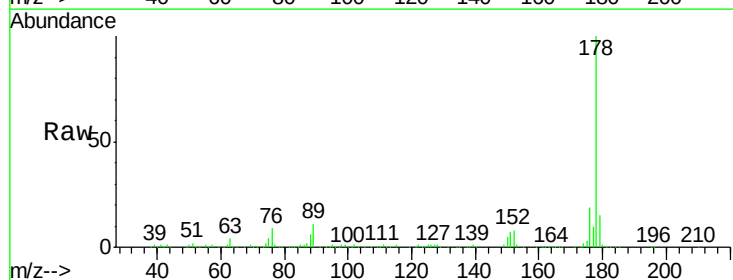
Tgt Ion:178 Resp: 171294

Ion Ratio Lower Upper

178 100

176 18.5 15.9 23.9

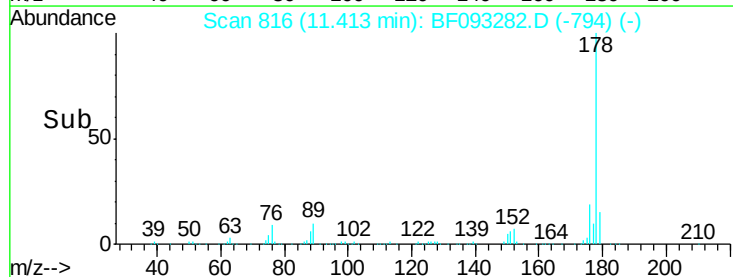
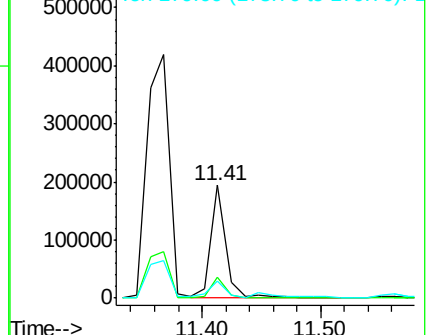
179 15.2 13.2 19.8

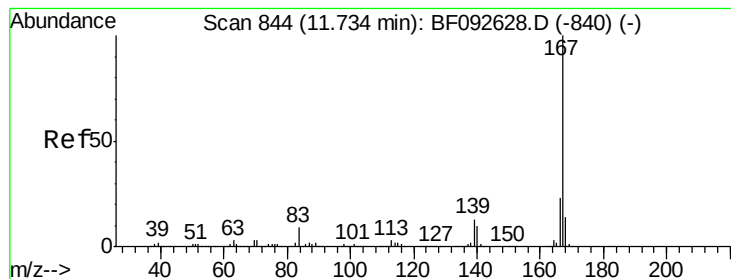


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 3.77 ng

RT: 11.57 min Scan# 830

Delta R.T. -0.03 min

Lab File: BF093282.D

Acq: 1 Mar 2017 9:13

Instrument :

BNA_F

ClientSampleId :

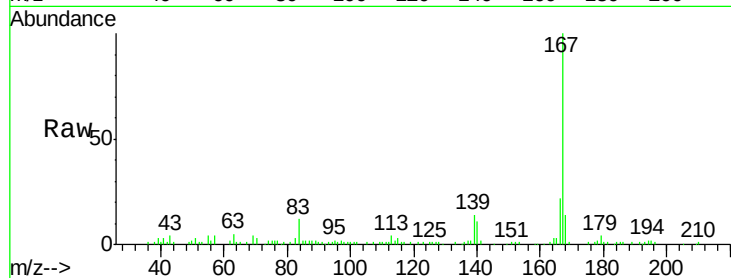
Tot Ion:167 Resp: 66174

Ion Ratio Lower Upper

167 100

166 21.9 18.2 27.2

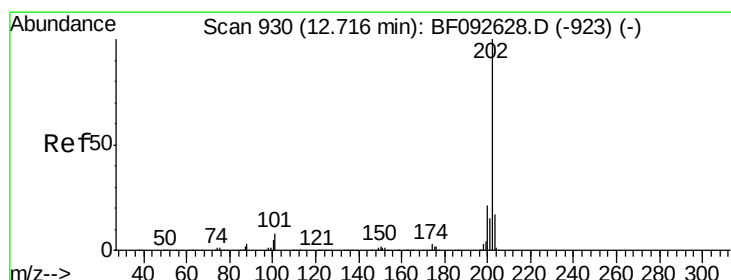
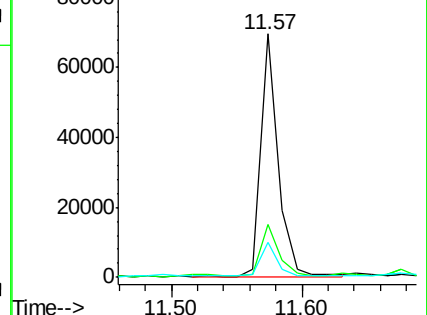
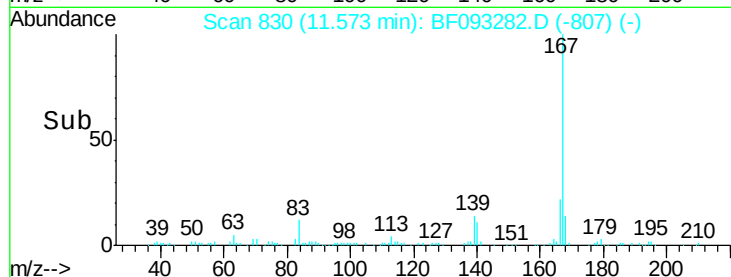
139 14.2 11.4 17.2



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: 49.44 ng

RT: 12.56 min Scan# 916

Delta R.T. -0.03 min

Lab File: BF093282.D

Acq: 1 Mar 2017 9:13

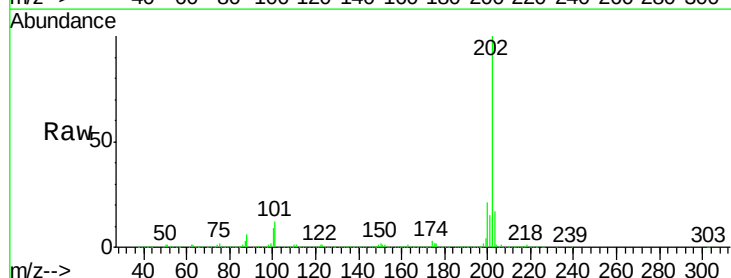
Tgt Ion:202 Resp: 931561

Ion Ratio Lower Upper

202 100

101 12.2 0.0 34.6

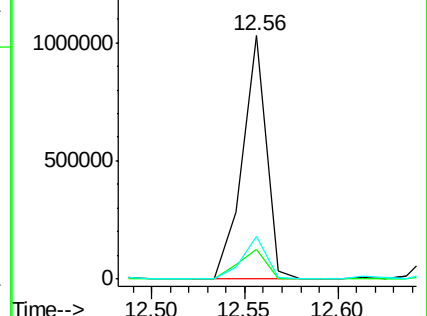
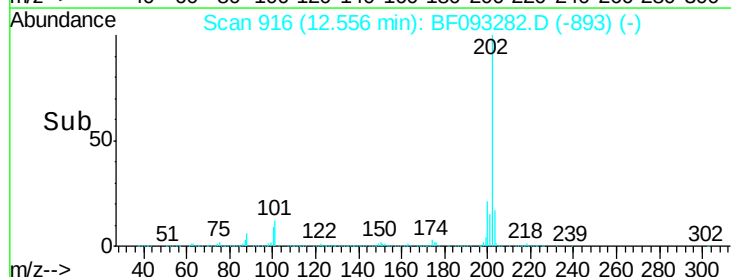
203 17.4 0.0 38.7

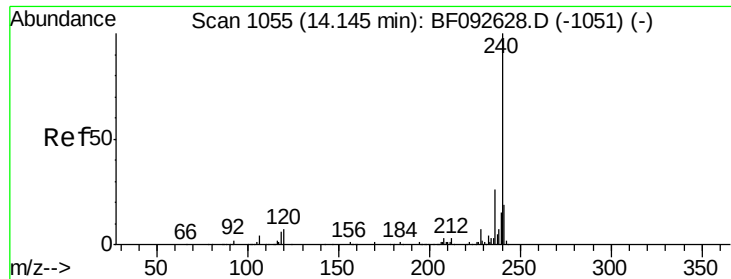


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.03 min

Lab File: BF093282.D

Acq: 1 Mar 2017 9:13

Instrument :

BNA_F

ClientSampleId :

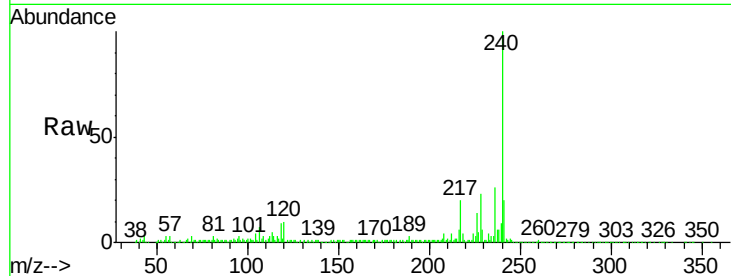
Tot Ion:240 Resp: 258239

Ion Ratio Lower Upper

240 100

120 9.9 12.9 19.3#

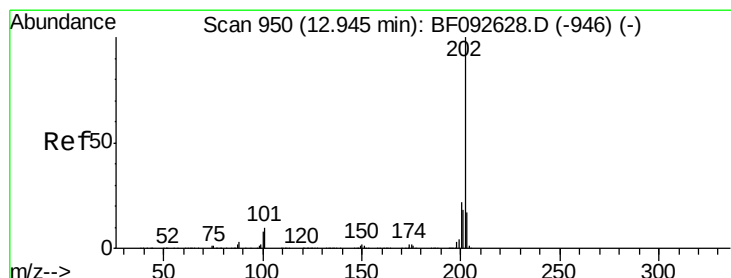
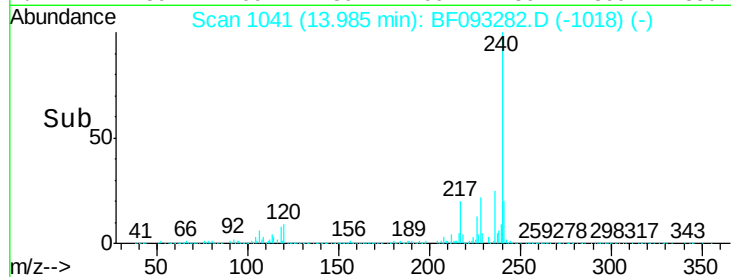
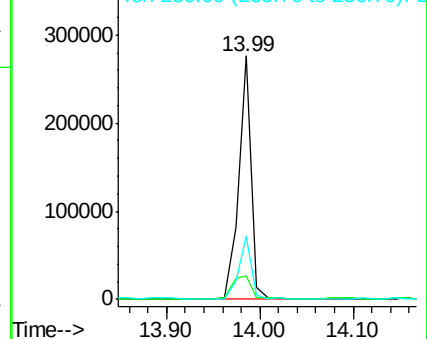
236 26.0 20.9 31.3



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: 45.17 ng

RT: 12.78 min Scan# 936

Delta R.T. -0.03 min

Lab File: BF093282.D

Acq: 1 Mar 2017 9:13

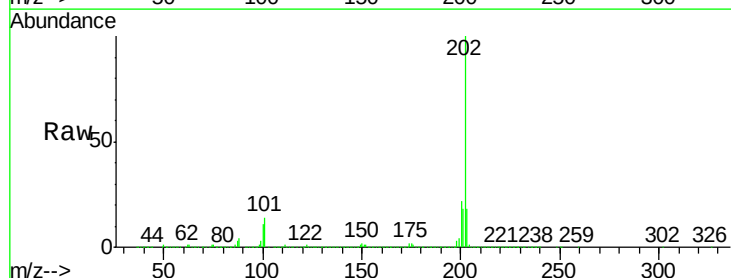
Tgt Ion:202 Resp: 872906

Ion Ratio Lower Upper

202 100

200 21.8 17.7 26.5

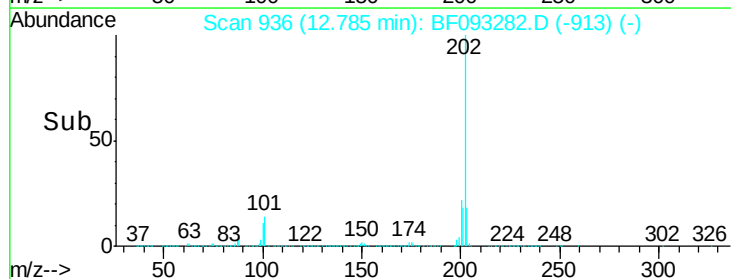
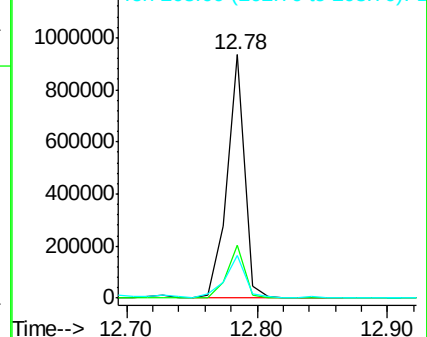
203 17.6 14.7 22.1

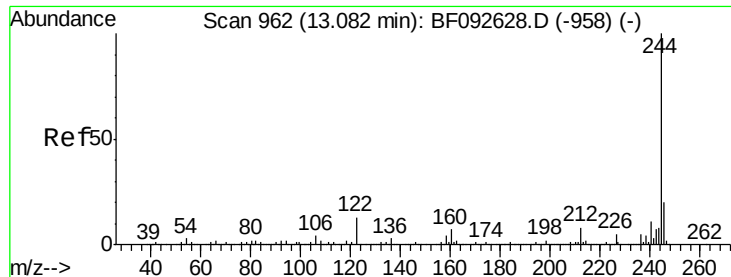


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 36.12 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.05 min

Lab File: BF093282.D

Acq: 1 Mar 2017 9:13

Instrument :

BNA_F

ClientSampleId :

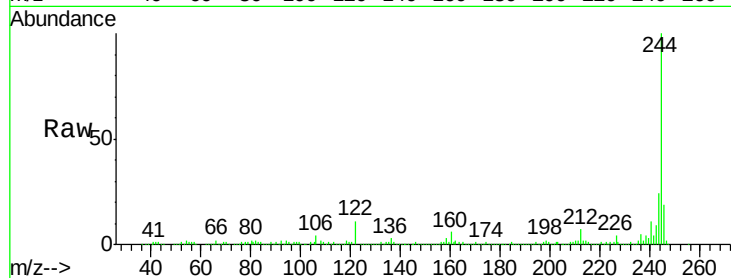
Tot Ion:244 Resp: 396980

Ion Ratio Lower Upper

244 100

212 7.1 6.2 9.2

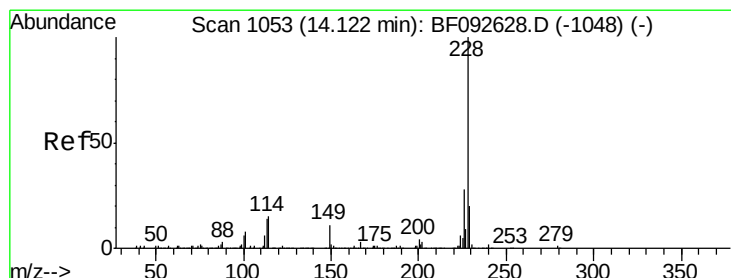
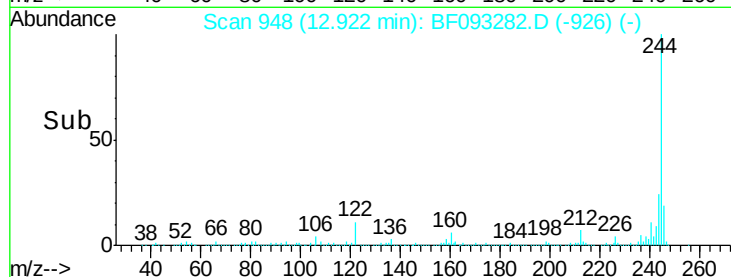
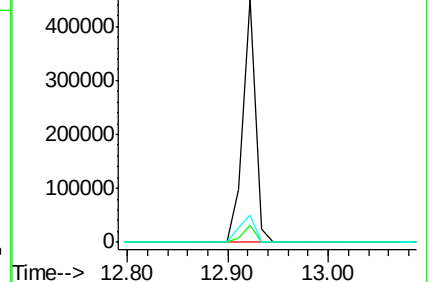
122 11.0 11.4 17.2#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Benzo(a)anthracene

Concen: 24.53 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.03 min

Lab File: BF093282.D

Acq: 1 Mar 2017 9:13

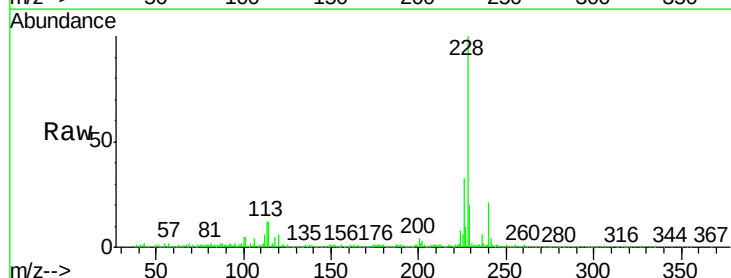
Tgt Ion:228 Resp: 387482

Ion Ratio Lower Upper

228 100

226 33.2 22.4 33.6

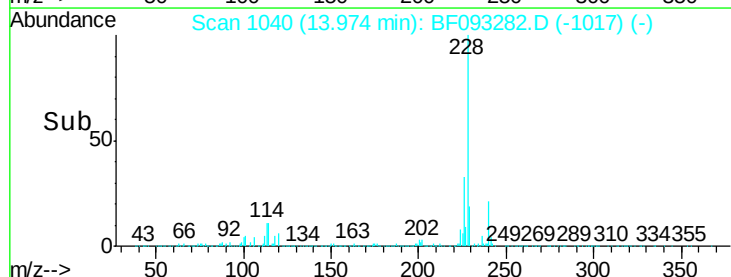
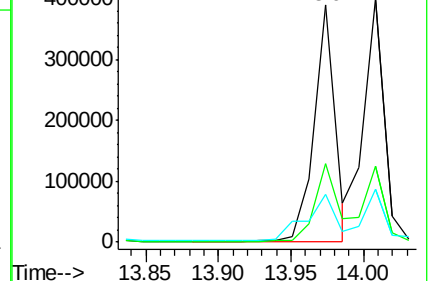
229 20.1 16.2 24.4

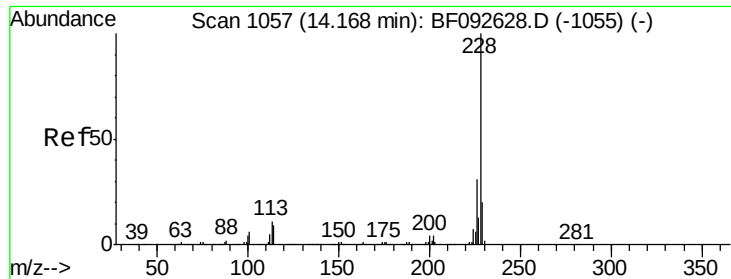


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 20.67 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.03 min

Lab File: BF093282.D

Acq: 1 Mar 2017 9:13

Instrument :

BNA_F

ClientSampleId :

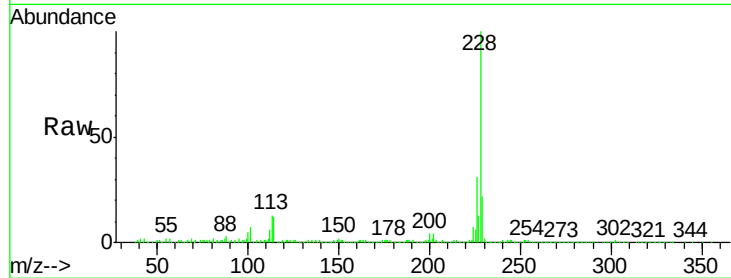
Tot Ion:228 Resp: 305657

Ion Ratio Lower Upper

228 100

226 30.9 25.4 38.0

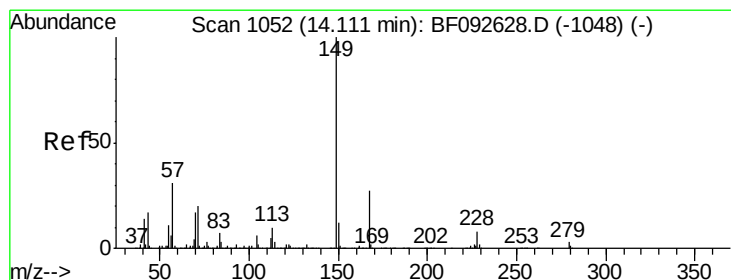
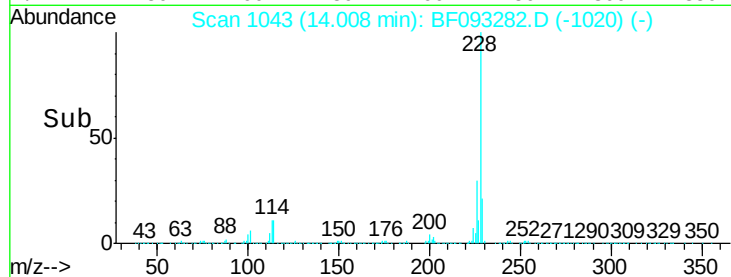
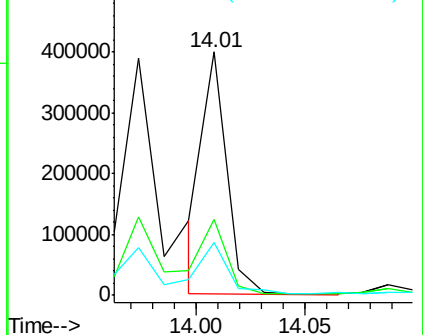
229 21.8 16.2 24.2



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 9.20 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.05 min

Lab File: BF093282.D

Acq: 1 Mar 2017 9:13

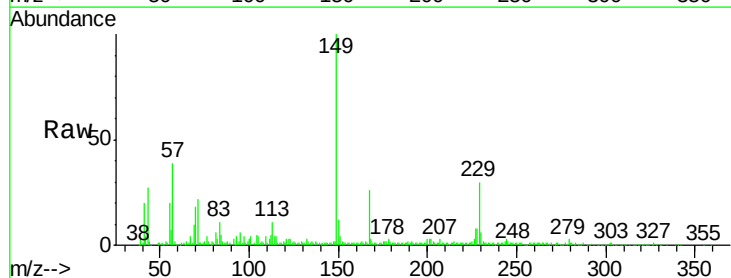
Tgt Ion:149 Resp: 98693

Ion Ratio Lower Upper

149 100

167 25.9 20.2 30.4

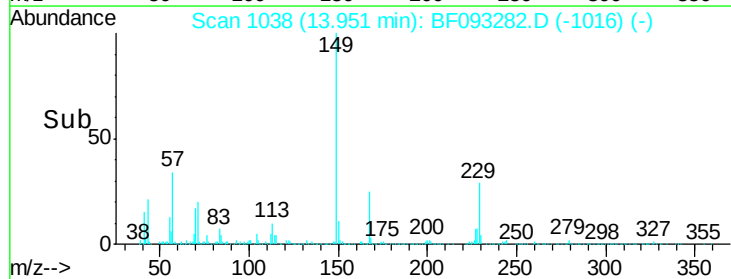
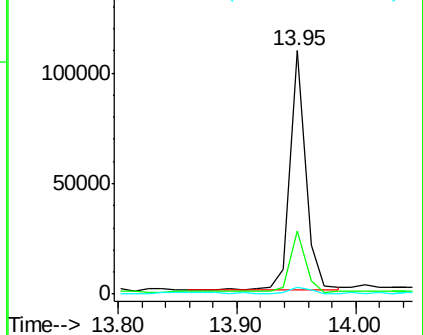
279 2.7 1.8 2.8

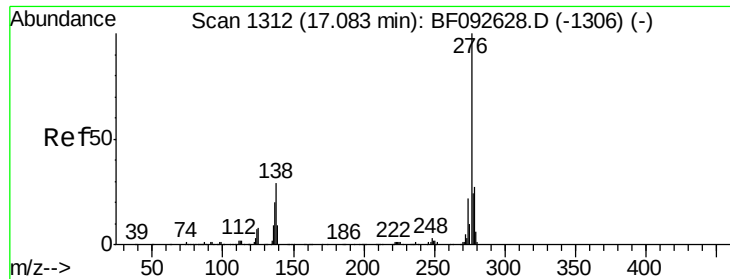


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

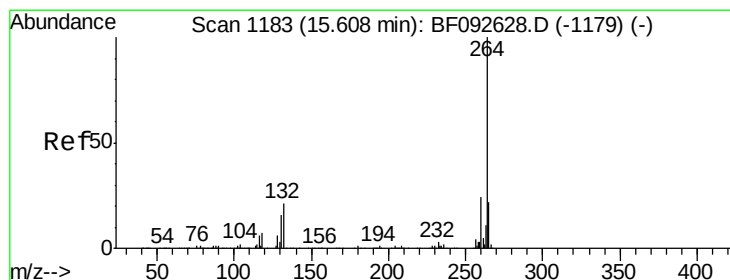
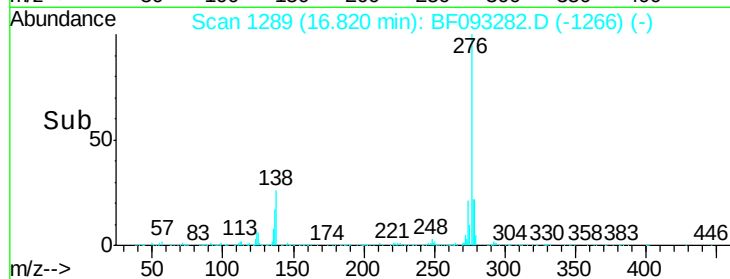
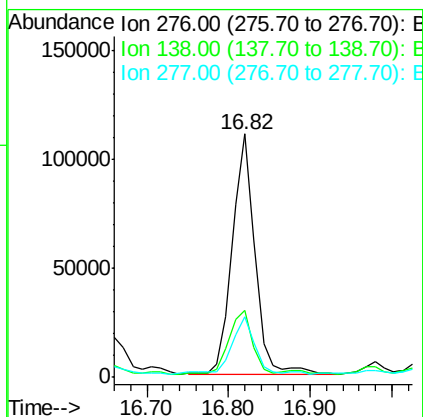
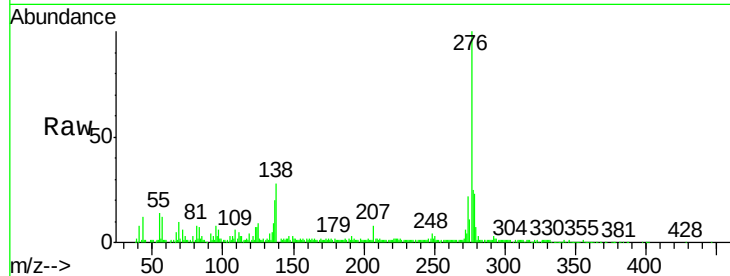




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 18.45 ng
 RT: 16.82 min Scan# 1289
 Delta R.T. -0.03 min
 Lab File: BF093282.D
 Acq: 1 Mar 2017 9:13

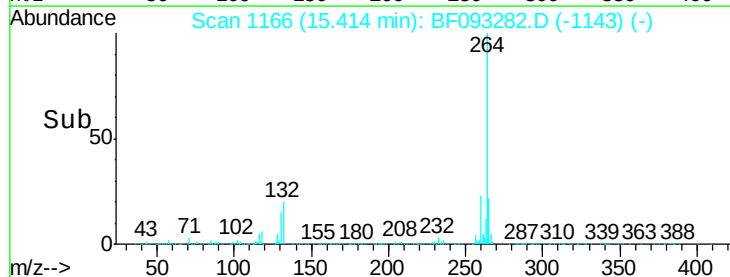
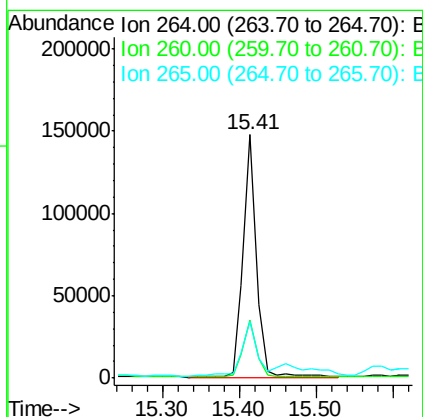
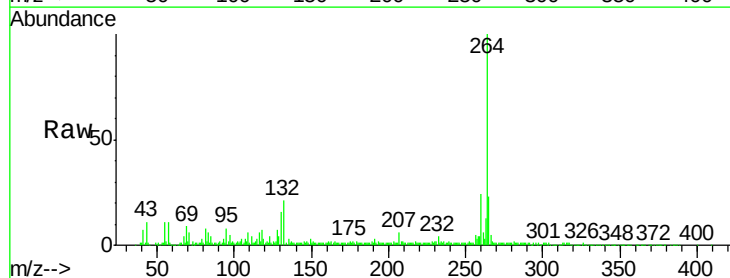
Instrument :
 BNA_F
 ClientSampled :

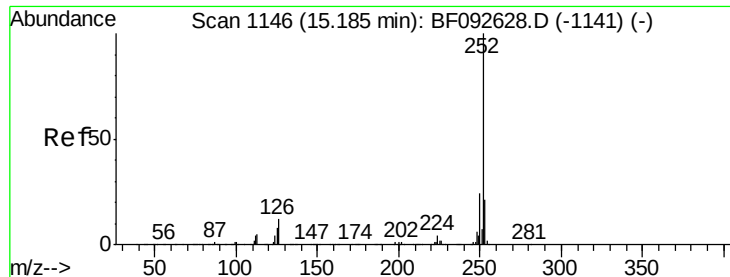
Tot Ion	Ratio	Lower	Upper
276	100		
138	27.5	21.8	32.6
277	24.3	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1166
 Delta R.T. -0.03 min
 Lab File: BF093282.D
 Acq: 1 Mar 2017 9:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	23.3	17.4	26.0

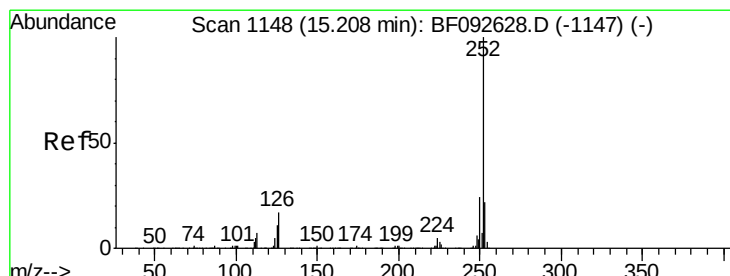
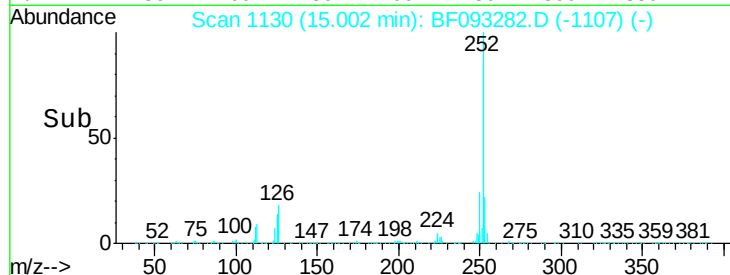
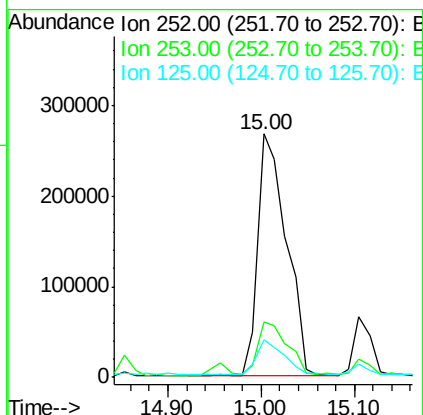
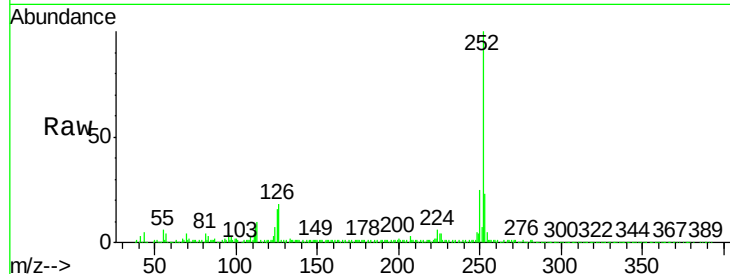




#87
Benzo(b)fluoranthene
Concen: 47.81 ng
RT: 15.00 min Scan# 1130
Delta R.T. -0.03 min
Lab File: BF093282.D
Acq: 1 Mar 2017 9:13

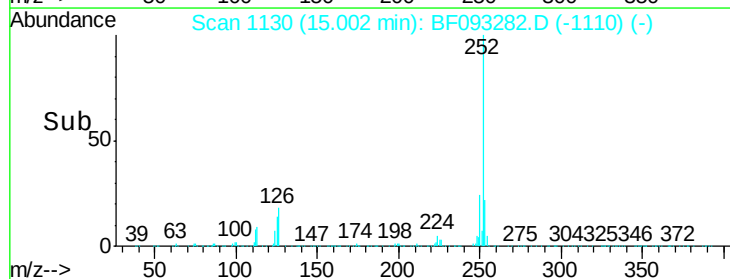
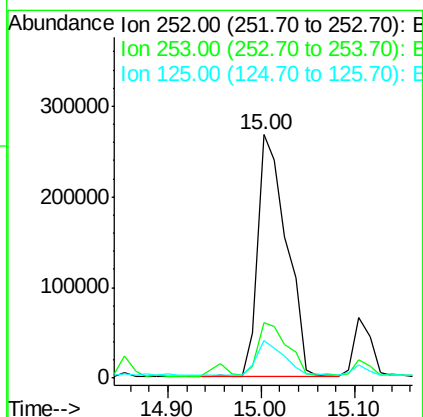
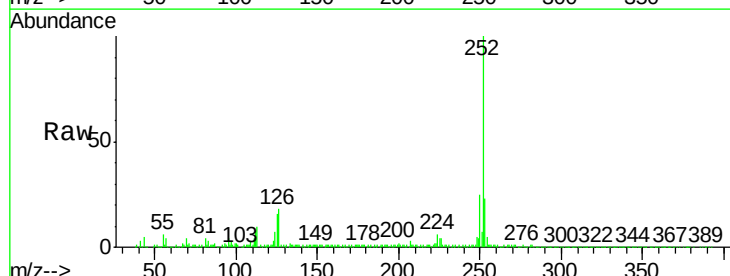
Instrument :
BNA_F
ClientSampleId :

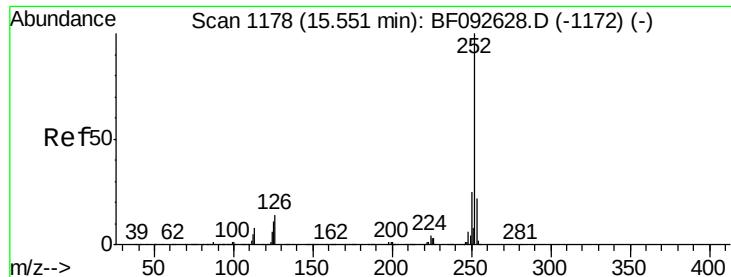
Tot Ion:252 Resp: 572643
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.4
125 15.6 9.8 14.6#



#88
Benzo(k)fluoranthene
Concen: 55.38 ng
RT: 15.00 min Scan# 1130
Delta R.T. -0.07 min
Lab File: BF093282.D
Acq: 1 Mar 2017 9:13

Tgt Ion:252 Resp: 572643
Ion Ratio Lower Upper
252 100
253 22.9 18.5 27.7
125 15.6 8.9 13.3#

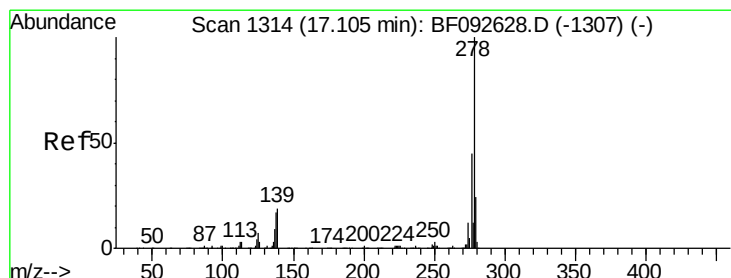
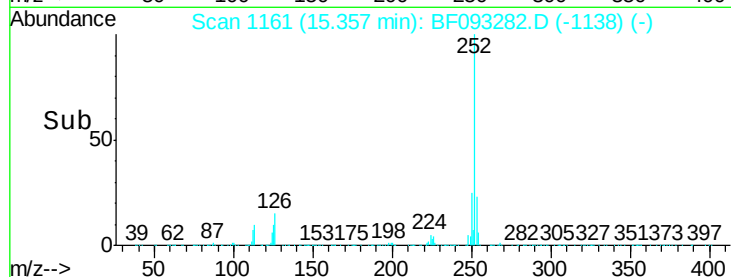
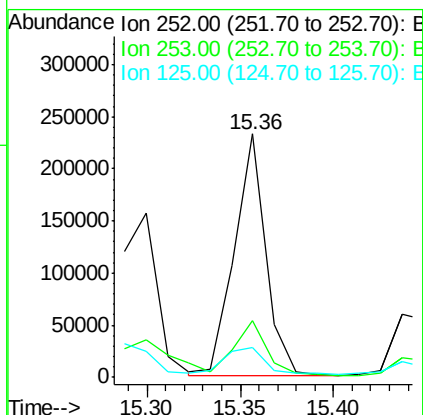
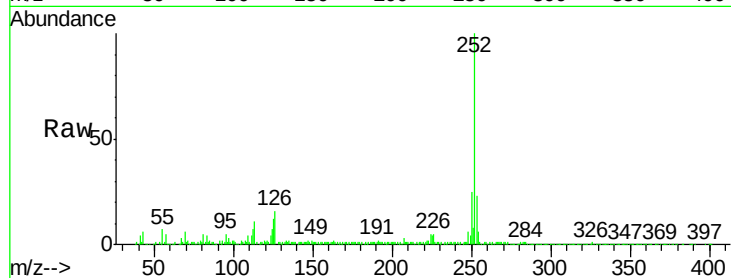




#89
Benzo(a)pyrene
Concen: 26.13 ng
RT: 15.36 min Scan# 1161
Delta R.T. -0.03 min
Lab File: BF093282.D
Acq: 1 Mar 2017 9:13

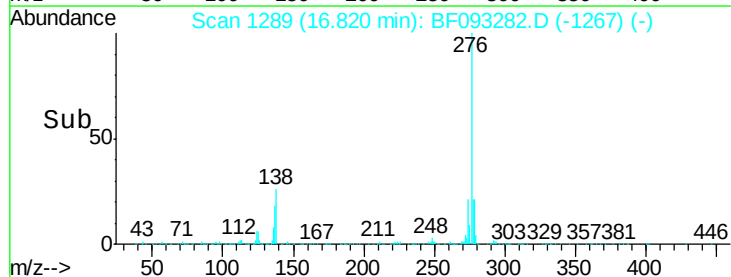
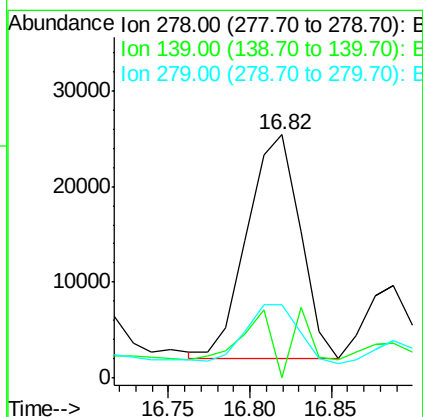
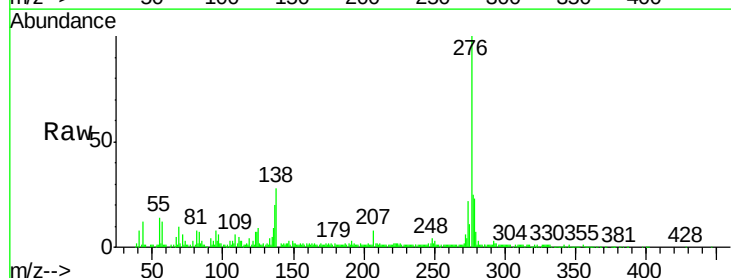
Instrument :
BNA_F
ClientSampleId :

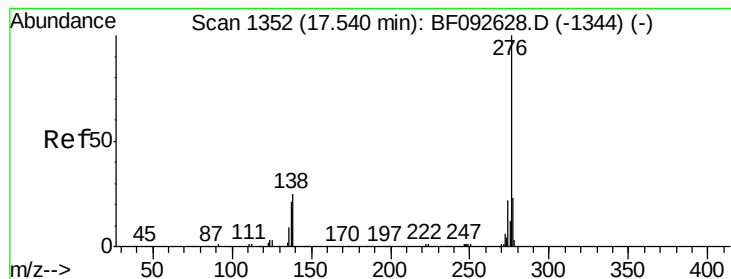
Tot Ion:252 Resp: 270726
Ion Ratio Lower Upper
252 100
253 23.3 18.2 27.2
125 12.4 10.0 15.0



#90
Dibenzo(a,h)anthracene
Concen: 6.26 ng
RT: 16.82 min Scan# 1289
Delta R.T. -0.05 min
Lab File: BF093282.D
Acq: 1 Mar 2017 9:13

Tgt Ion:278 Resp: 52424
Ion Ratio Lower Upper
278 100
139 0.0 14.8 22.2#
279 30.2 19.8 29.6#





#91
 Benzo(a,h,i)perylene
 Concen: 23.95 ng
 RT: 17.24 min Scan# 1326
 Delta R.T. -0.05 min
 Lab File: BF093282.D
 Acq: 1 Mar 2017 9:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.2	28.8
138	28.7	16.0	24.0

