

Data Path : Z:\HPCHEM1\BNA F\Data\BF022817\
 Data File : BF093284.D
 Acq On : 1 Mar 2017 10:09
 Operator : SJ/MA
 Sample : I2017-11DL 2X
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 01 12:03:19 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	128795	20.00	ng	-0.05
21) Naphthalene-d8	8.10	136	479016	20.00	ng	-0.05
38) Acenaphthene-d10	9.85	164	187074	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	318551	20.00	ng	-0.05
75) Chrysene-d12	13.99	240	258308	20.00	ng	-0.03
86) Perylene-d12	15.41	264	179571	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	518929	69.12	ng	-0.03
7) Phenol-d6	6.46	99	651011	67.40	ng	-0.02
23) Nitrobenzene-d5	7.38	82	337424	39.23	ng	-0.05
41) 2,4,6-Tribromophenol	10.65	330	92448	68.33	ng	-0.03
44) 2-Fluorobiphenyl	9.17	172	614894	59.55	ng	-0.05
78) Terphenyl-d14	12.92	244	466959	42.48	ng	-0.05

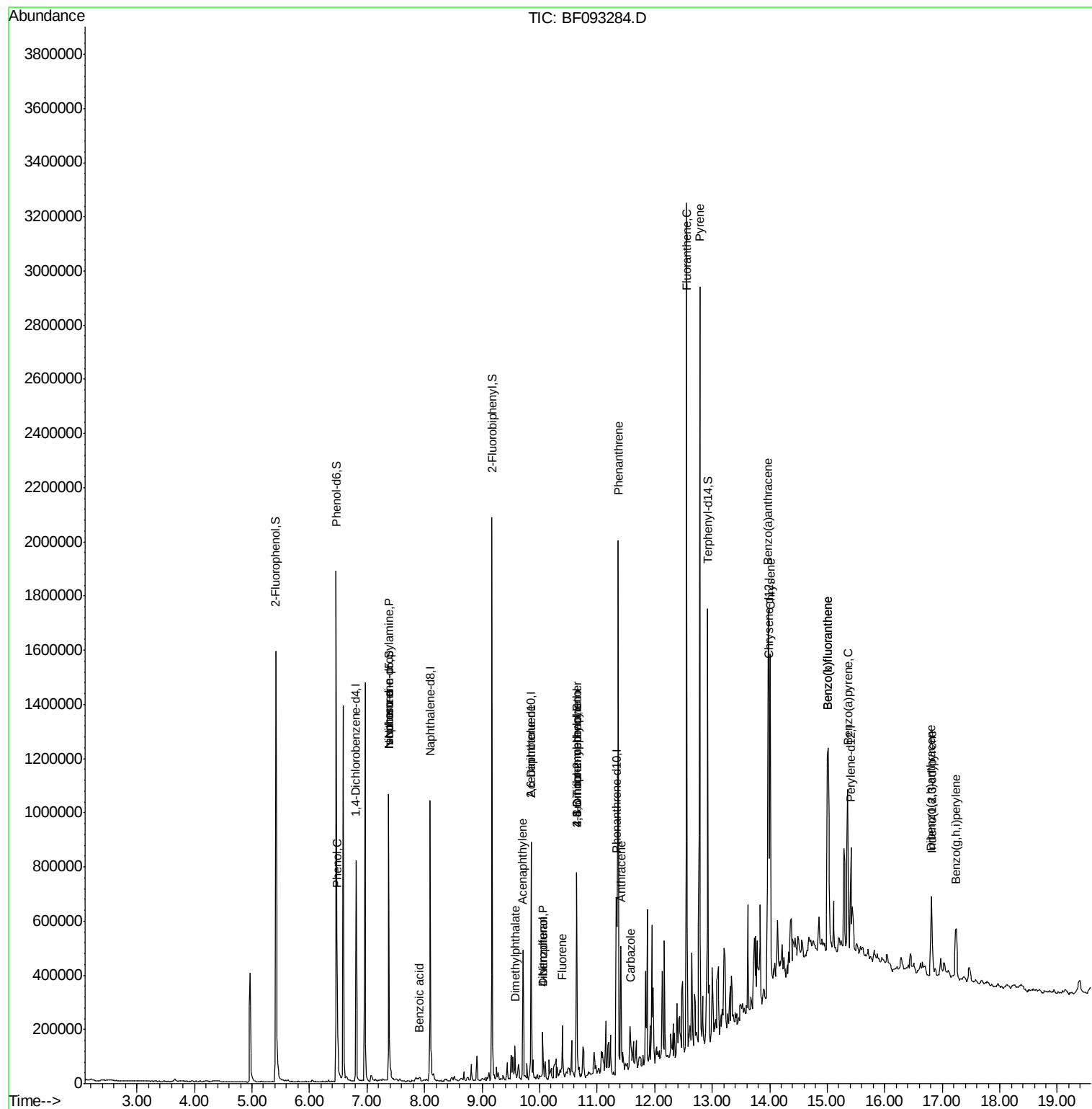
Target Compounds				Qvalue		
10) Phenol	6.48	94	45123	3.99	ng	91
19) n-Nitroso-di-n-propylamine	7.38	70	42818	6.96	ng	# 82
25) Isophorone	7.38	82	310672	19.38	ng	# 65
32) Benzoic acid	7.92	122	2894	7.76	ng	# 45
48) Acenaphthylene	9.71	152	208561	11.39	ng	98
49) Dimethylphthalate	9.57	163	39779	3.16	ng	99
50) 2,6-Dinitrotoluene	9.85	165	27330	10.04	ng	# 31
54) Dibenzofuran	10.05	168	52667	3.60	ng	# 95
55) 4-Nitrophenol	10.05	139	19672	8.77	ng	# 7
57) Fluorene	10.40	166	60876	5.41	ng	97
64) 4,6-Dinitro-2-methylphenol	10.65	198	209	2.77	ng	# 1
66) 4-Bromophenyl-phenylether	10.65	248	6994	2.10	ng	# 1
70) Phenanthrene	11.37	178	920281	50.43	ng	98
71) Anthracene	11.41	178	181378	9.90	ng	98
72) Carbazole	11.57	167	61901	3.53	ng	99
74) Fluoranthene	12.56	202	1251619	66.49	ng	99
77) Pyrene	12.79	202	1110263	57.43	ng	99
80) Benzo(a)anthracene	13.97	228	579441	36.68	ng	94
82) Chrysene	14.01	228	372875	25.21	ng	97
85) Indeno(1,2,3-cd)pyrene	16.82	276	193255	16.87	ng	98
87) Benzo(b)fluoranthene	15.00	252	623053	52.71	ng	# 97
88) Benzo(k)fluoranthene	15.00	252	623053	61.05	ng	# 96
89) Benzo(a)pyrene	15.36	252	292603	28.62	ng	99
90) Dibenzo(a,h)anthracene	16.81	278	48283	5.84	ng	# 81
91) Benzo(g,h,i)perylene	17.24	276	169716	20.33	ng	# 93

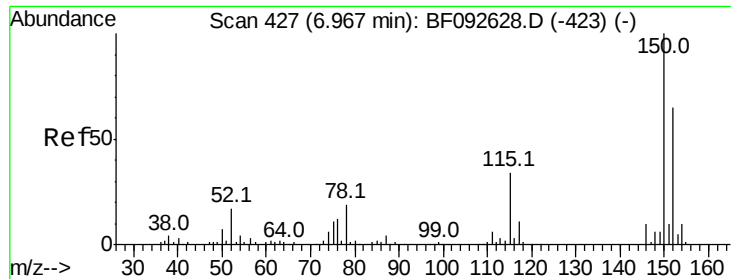
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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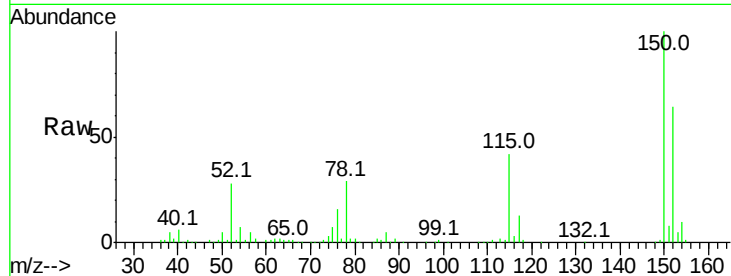


#1

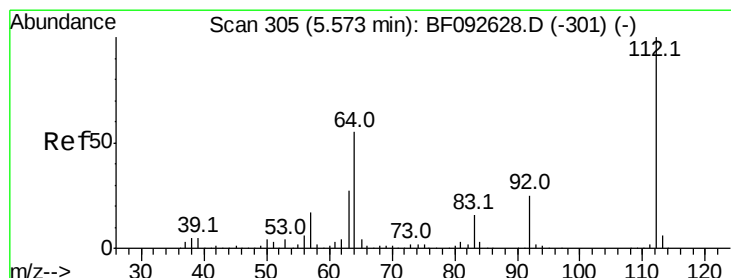
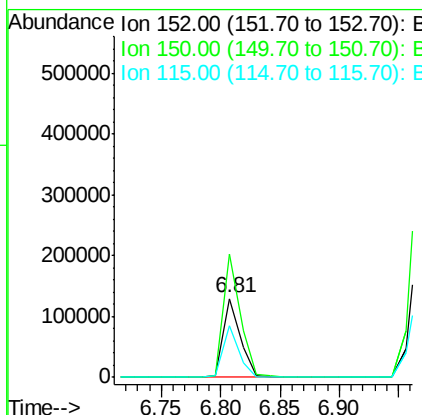
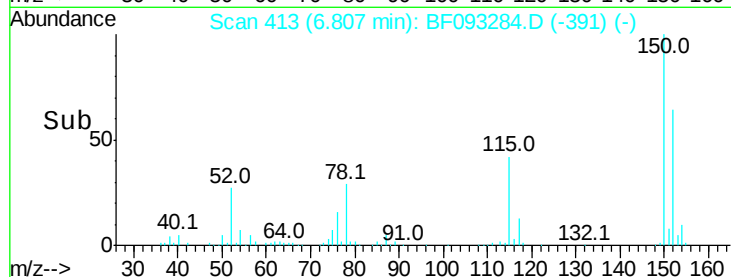
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.05 min
Lab File: BF093284.D
Acq: 1 Mar 2017 10:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 128795
Ion Ratio Lower Upper
152 100
150 157.2 124.9 187.3
115 65.5 46.0 69.0



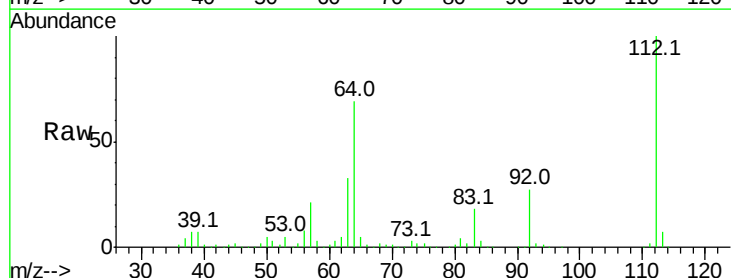
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



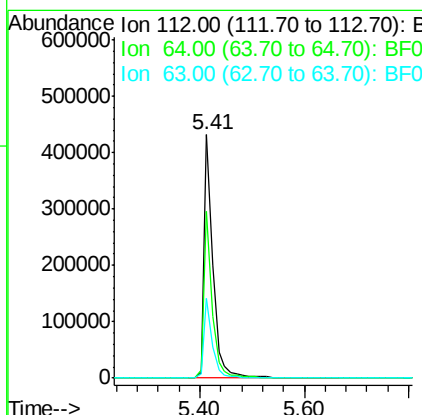
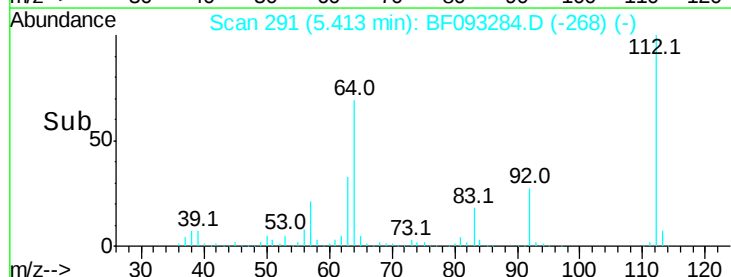
#5

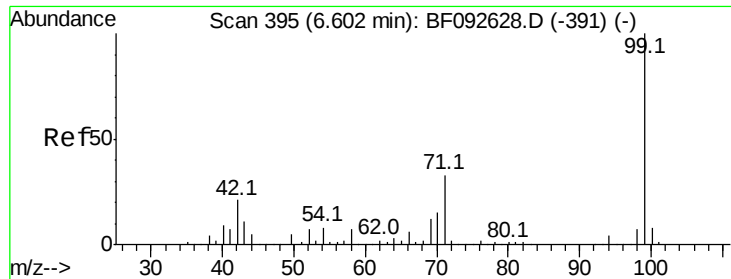
2-Fluorophenol
Concen: 69.12 ng
RT: 5.41 min Scan# 291
Delta R.T. -0.03 min
Lab File: BF093284.D
Acq: 1 Mar 2017 10:09

Tgt Ion:112 Resp: 518929
Ion Ratio Lower Upper
112 100
64 68.7 46.1 69.1
63 33.0 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: 67.40 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.02 min

Lab File: BF093284.D

Acq: 1 Mar 2017 10:09

Instrument :

BNA_F

ClientSampleId :

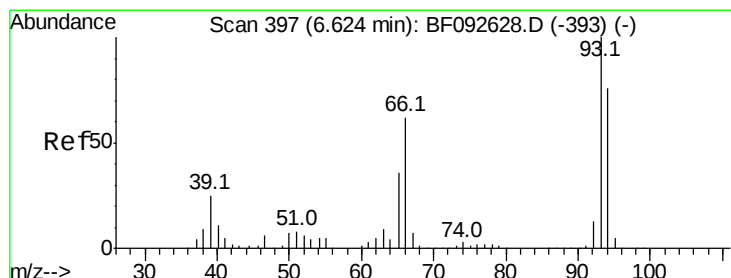
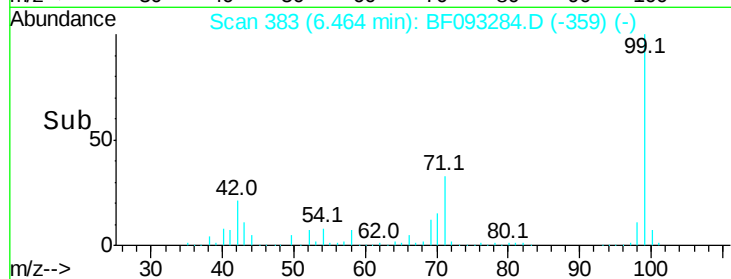
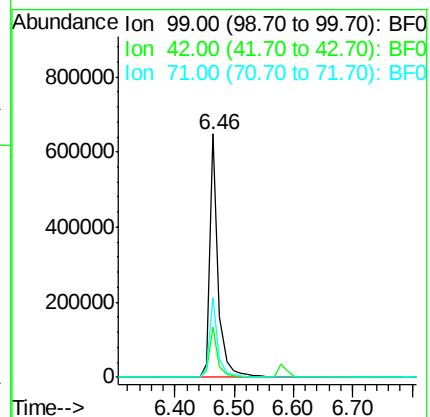
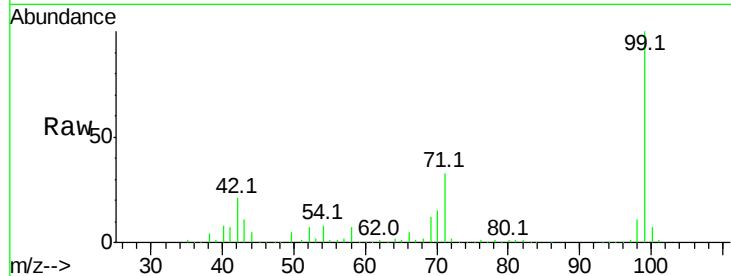
Tot Ion: 99 Resp: 651011

Ion Ratio Lower Upper

99 100

42 20.7 15.6 23.4

71 32.6 27.5 41.3



#10

Phenol

Concen: 3.99 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF093284.D

Acq: 1 Mar 2017 10:09

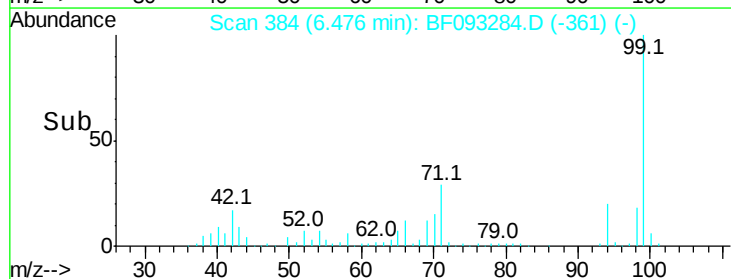
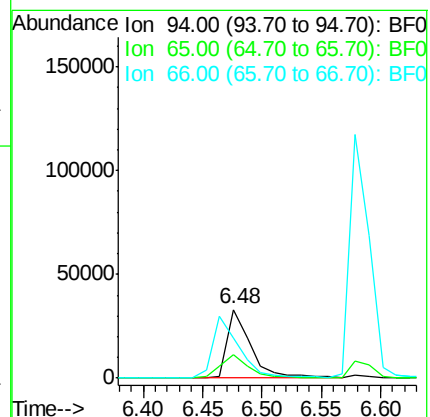
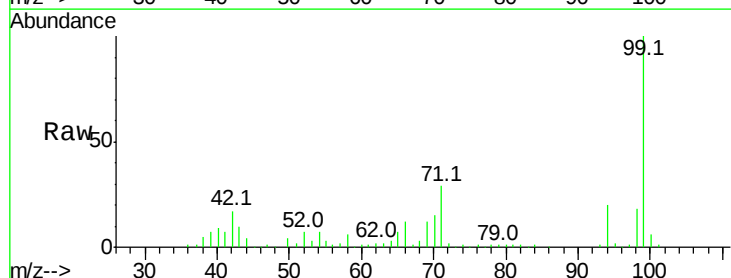
Tgt Ion: 94 Resp: 45123

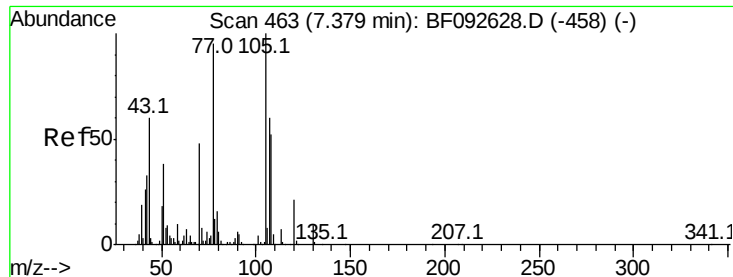
Ion Ratio Lower Upper

94 100

65 34.9 21.4 61.4

66 58.2 44.0 84.0

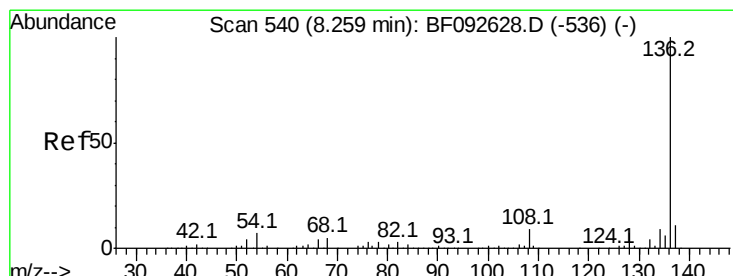
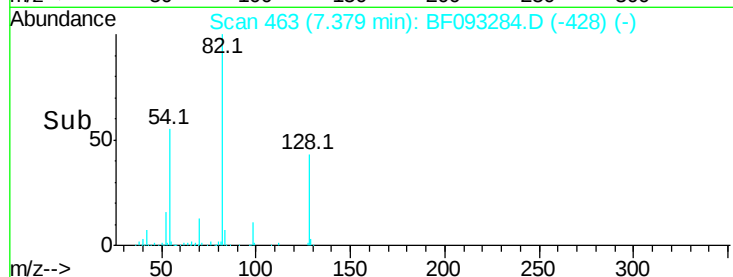
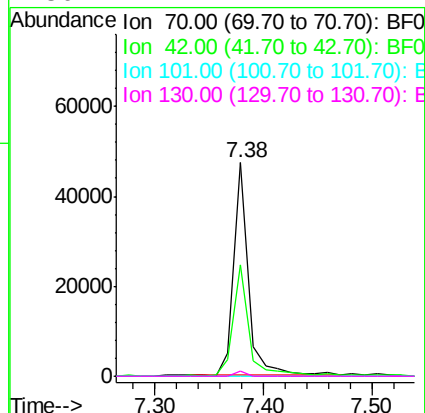
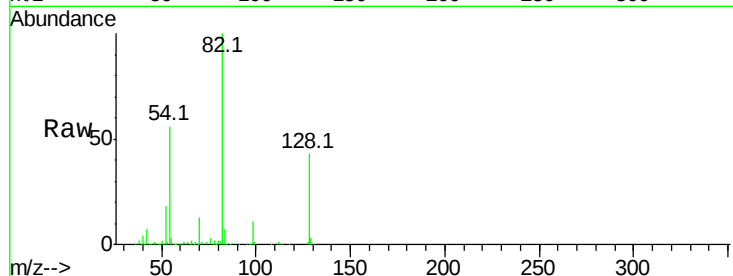




#19
n-Nitroso-di-n-propylamine
Concen: 6.96 ng
RT: 7.38 min Scan# 463
Delta R.T. 0.10 min
Lab File: BF093284.D
Acq: 1 Mar 2017 10:09

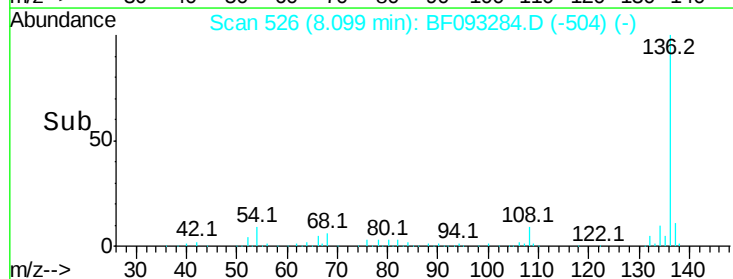
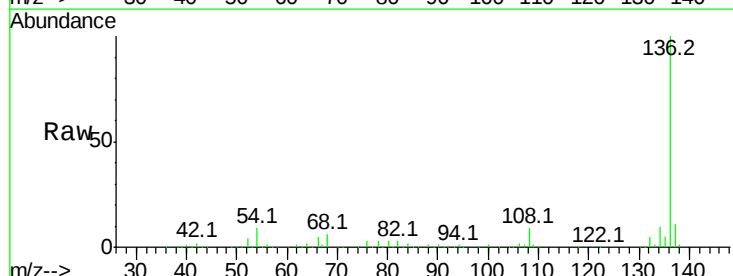
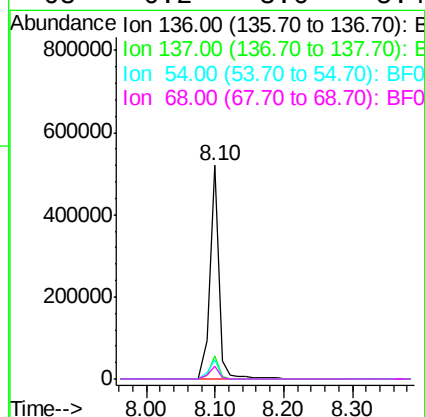
Instrument :
BNA_F
ClientSampleId :

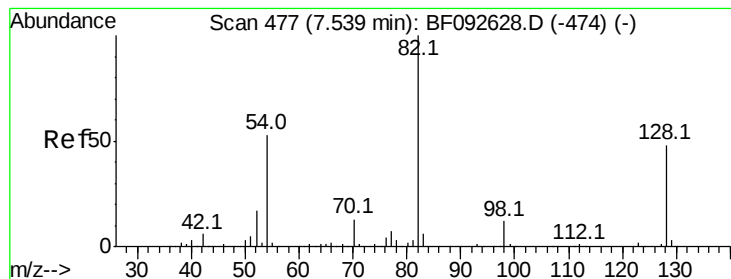
Tot Ion: 70 Resp: 42818
Ion Ratio Lower Upper
70 100
42 52.2 49.4 74.0
101 0.0 7.4 11.2#
130 2.4 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.05 min
Lab File: BF093284.D
Acq: 1 Mar 2017 10:09

Tgt Ion:136 Resp: 479016
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 8.8 4.5 6.7#
68 6.2 3.6 5.4#





#23

Nitrobenzene-d5

Concen: 39.23 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.05 min

Lab File: BF093284.D

Acq: 1 Mar 2017 10:09

Instrument :

BNA_F

ClientSampled :

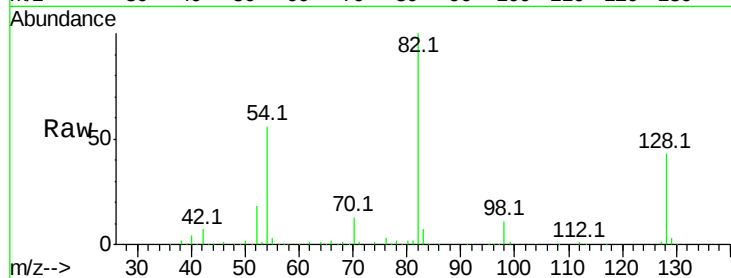
Tot Ion: 82 Resp: 337424

Ion Ratio Lower Upper

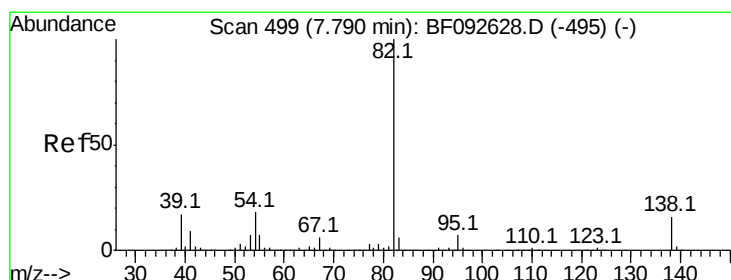
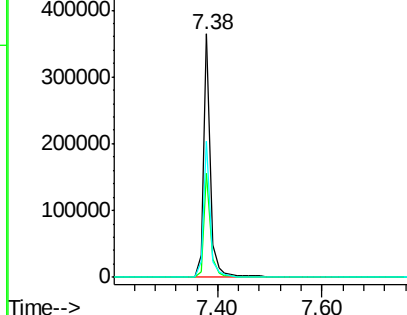
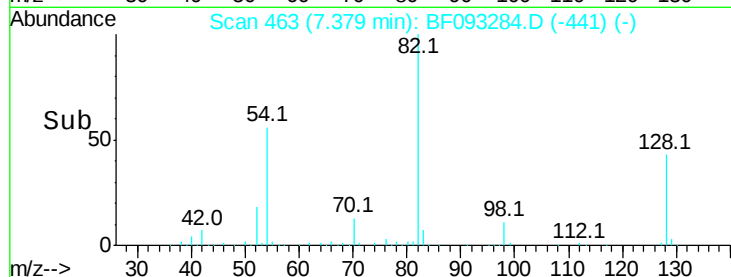
82 100

128 42.6 34.6 52.0

54 55.8 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: 19.38 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.31 min

Lab File: BF093284.D

Acq: 1 Mar 2017 10:09

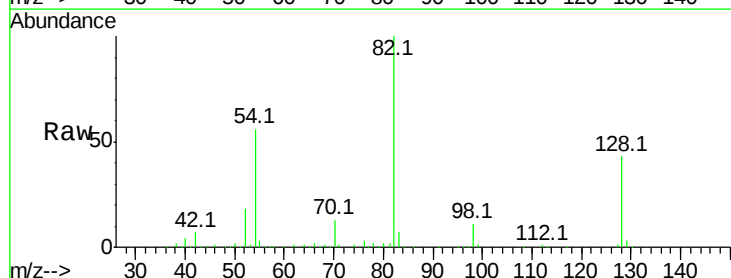
Tgt Ion: 82 Resp: 310672

Ion Ratio Lower Upper

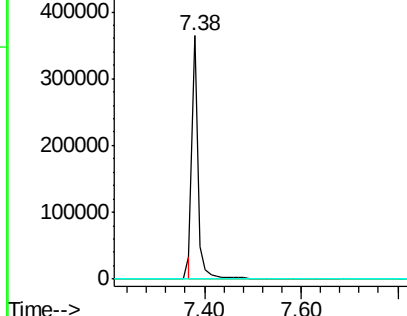
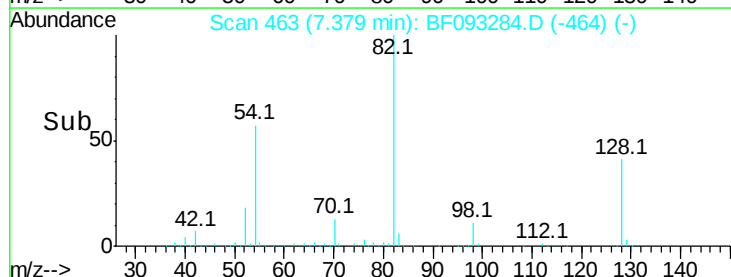
82 100

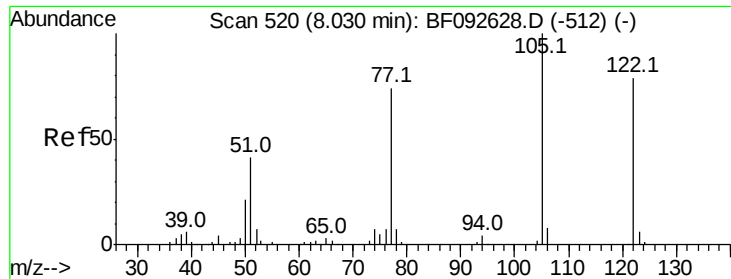
95 0.1 5.6 8.4#

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

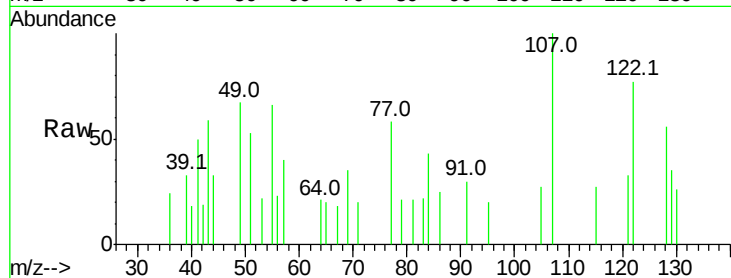




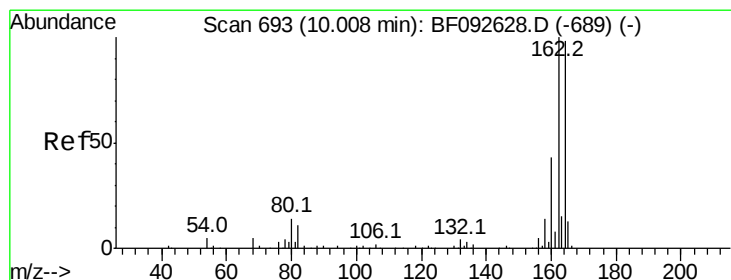
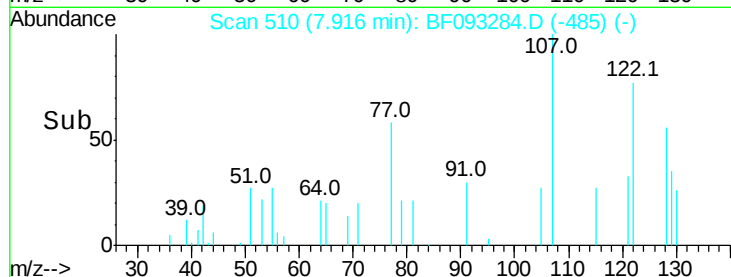
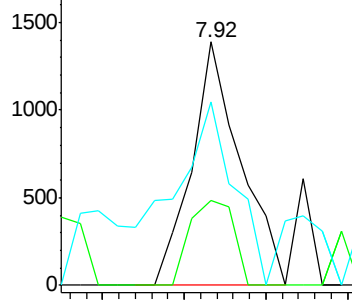
#32
Benzoic acid
Concen: 7.76 ng
RT: 7.92 min Scan# 510
Delta R.T. -0.01 min
Lab File: BF093284.D
Acq: 1 Mar 2017 10:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 2894
Ion Ratio Lower Upper
122 100
105 34.8 107.2 147.2#
77 75.1 74.5 114.5

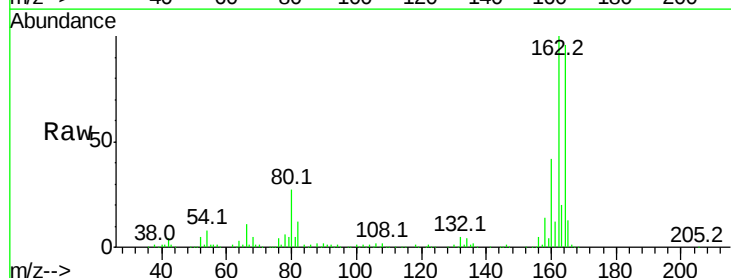


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

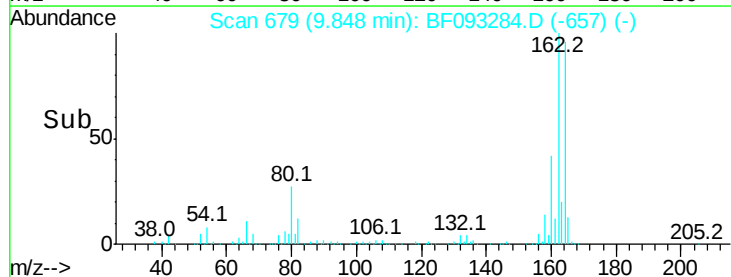
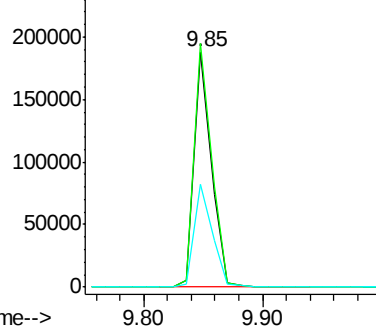


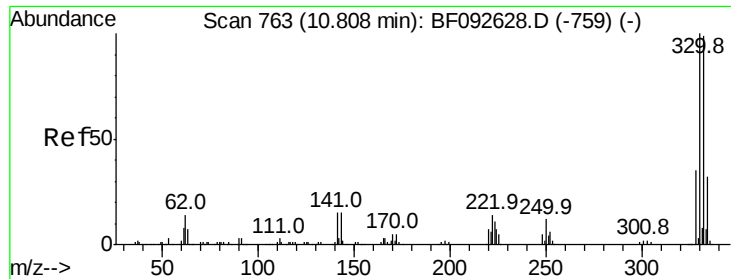
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.05 min
Lab File: BF093284.D
Acq: 1 Mar 2017 10:09

Tgt Ion:164 Resp: 187074
Ion Ratio Lower Upper
164 100
162 103.7 80.2 120.2
160 44.0 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

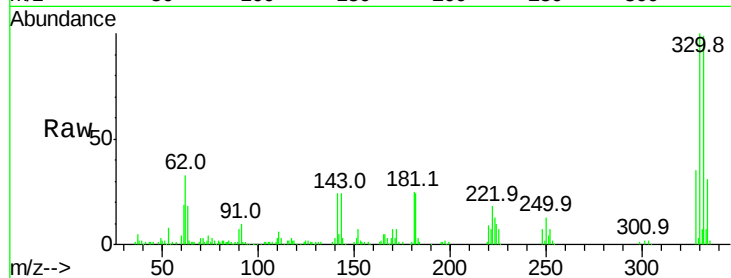




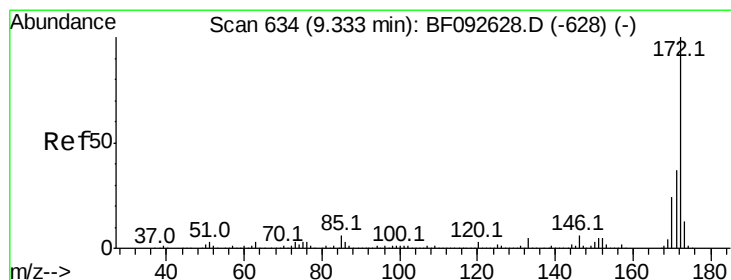
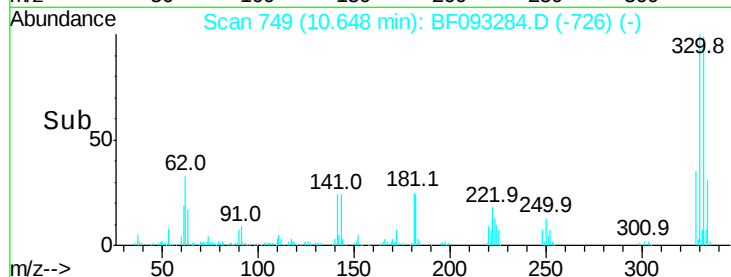
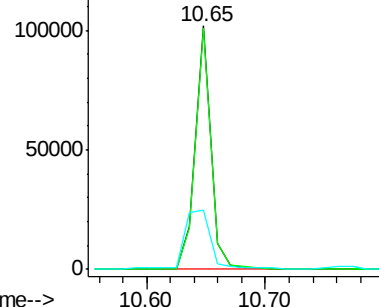
#41
 2,4,6-Tribromophenol
 Concen: 68.33 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.03 min
 Lab File: BF093284.D
 Acq: 1 Mar 2017 10:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 92448
 Ion Ratio Lower Upper
 330 100
 332 99.3 77.4 116.2
 141 41.5 34.1 51.1

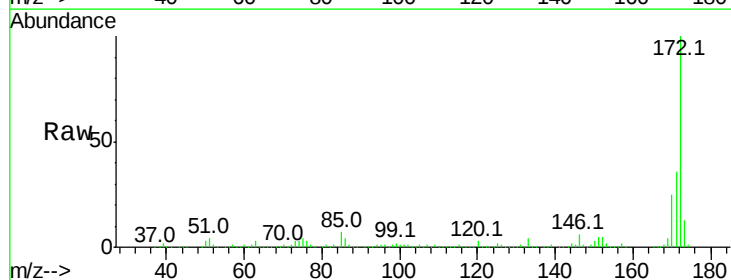


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

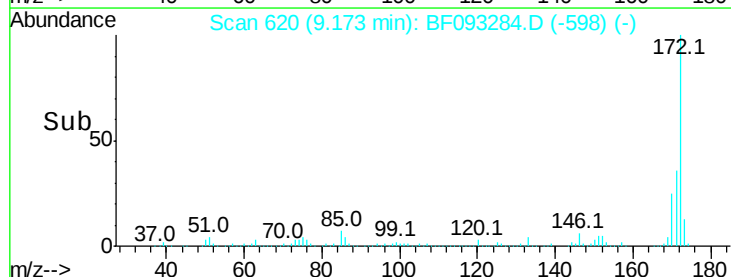
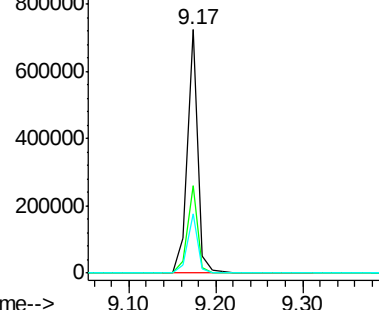


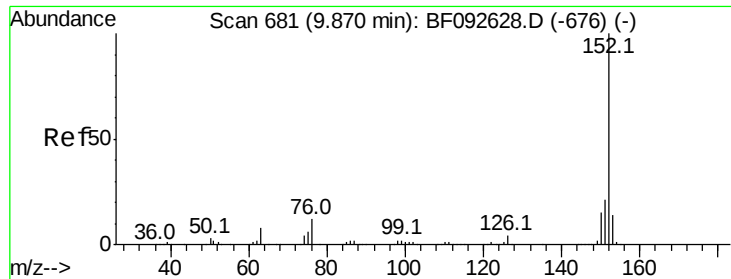
#44
 2-Fluorobiphenyl
 Concen: 59.55 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF093284.D
 Acq: 1 Mar 2017 10:09

Tgt Ion:172 Resp: 614894
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.4 44.0
 170 24.6 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

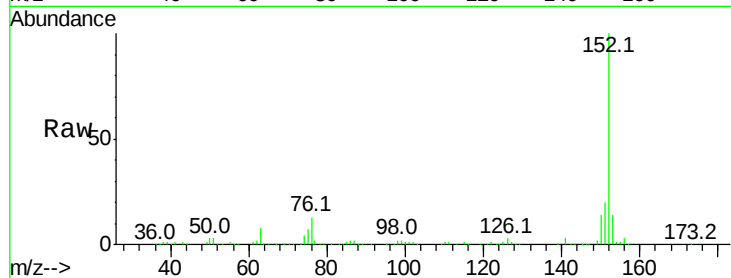




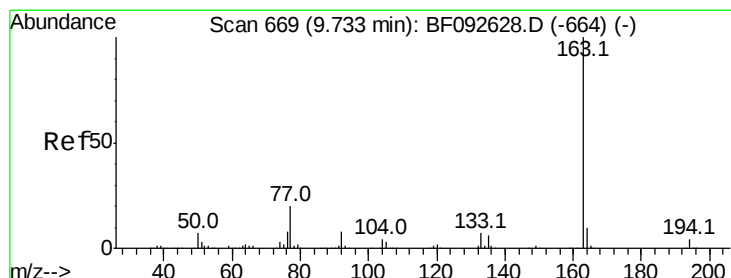
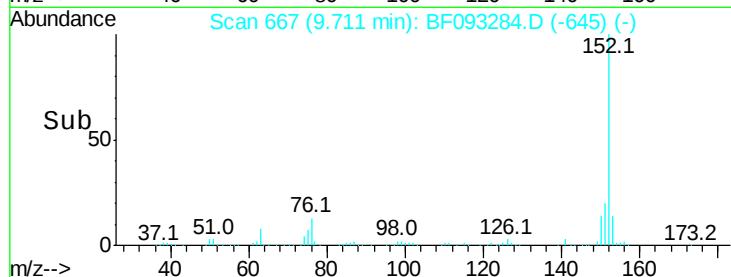
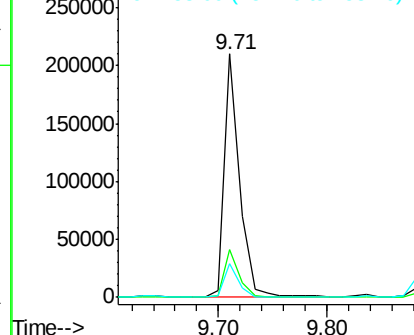
#48
Acenaphthylene
Concen: 11.39 ng
RT: 9.71 min Scan# 667
Delta R.T. -0.05 min
Lab File: BF093284.D
Acq: 1 Mar 2017 10:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 208561
Ion Ratio Lower Upper
152 100
151 19.8 16.9 25.3
153 13.7 11.4 17.2

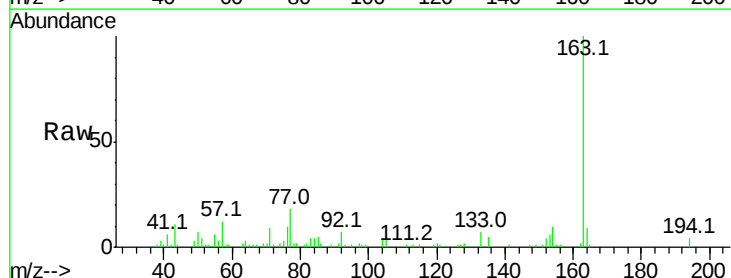


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

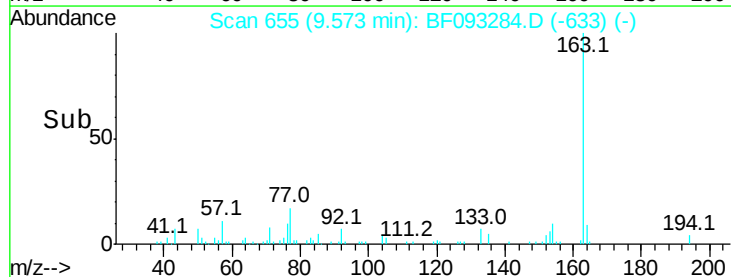
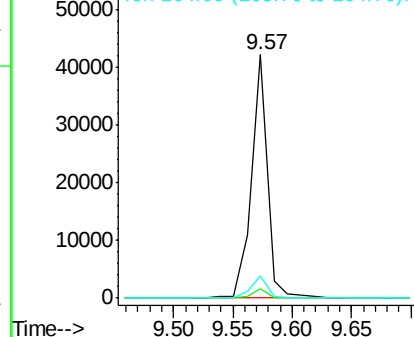


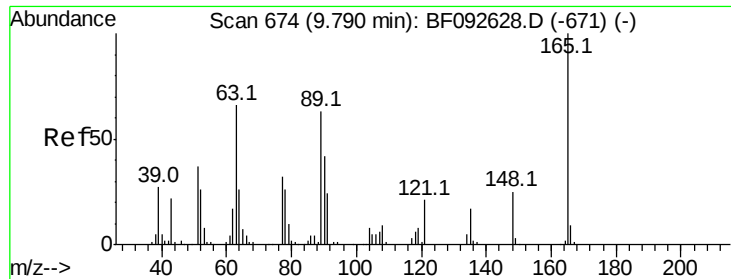
#49
Dimethylphthalate
Concen: 3.16 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.05 min
Lab File: BF093284.D
Acq: 1 Mar 2017 10:09

Tgt Ion:163 Resp: 39779
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 9.3 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

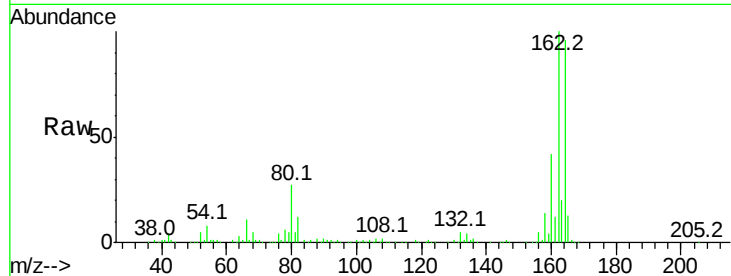




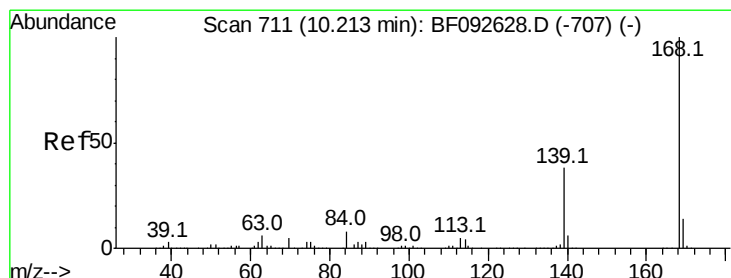
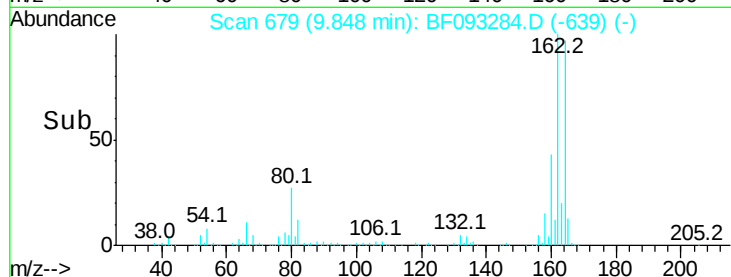
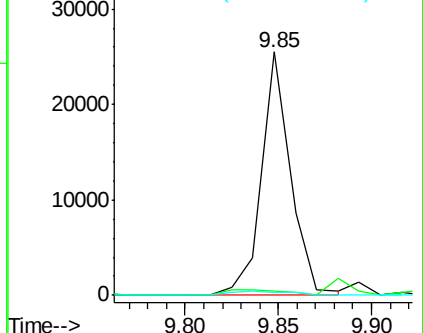
#50
2,6-Dinitrotoluene
Concen: 10.04 ng
RT: 9.85 min Scan# 679
Delta R.T. 0.16 min
Lab File: BF093284.D
Acq: 1 Mar 2017 10:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 27330
Ion Ratio Lower Upper
165 100
63 1.9 36.2 54.4#
89 1.3 40.2 60.4#

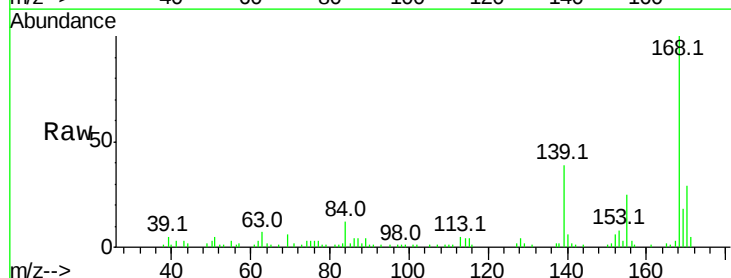


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

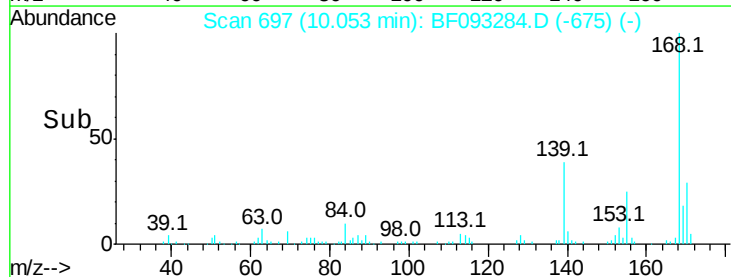
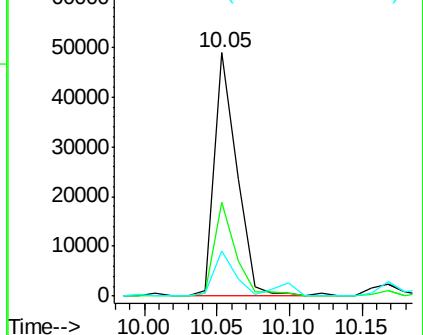


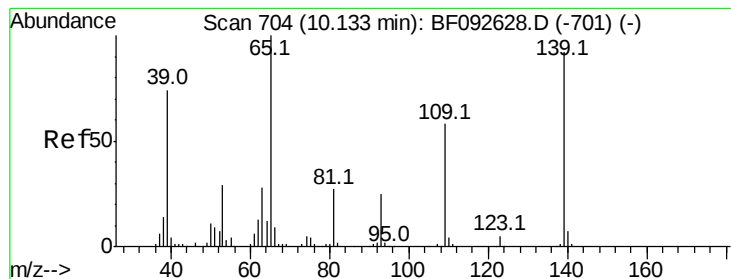
#54
Dibenzofuran
Concen: 3.60 ng
RT: 10.05 min Scan# 697
Delta R.T. -0.05 min
Lab File: BF093284.D
Acq: 1 Mar 2017 10:09

Tgt Ion:168 Resp: 52667
Ion Ratio Lower Upper
168 100
139 38.7 32.6 49.0
169 18.5 11.3 16.9#



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





#55

4-Nitrophenol

Concen: 8.77 ng

RT: 10.05 min Scan# 697

Delta R.T. 0.03 min

Lab File: BF093284.D

Acq: 1 Mar 2017 10:09

Instrument :

BNA_F

ClientSampleId :

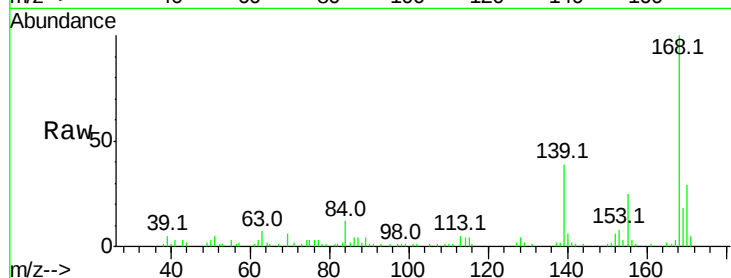
Tot Ion:139 Resp: 19672

Ion Ratio Lower Upper

139 100

109 2.5 52.2 92.2#

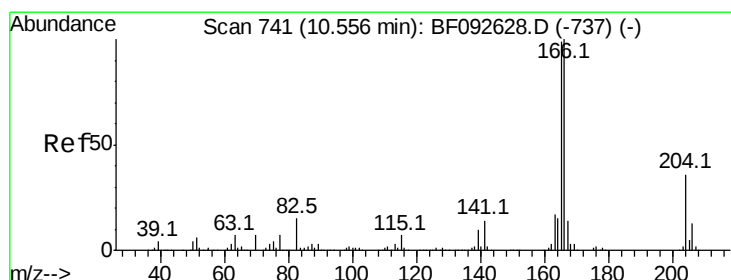
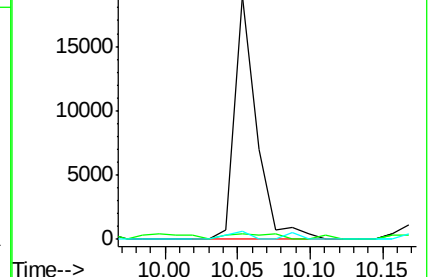
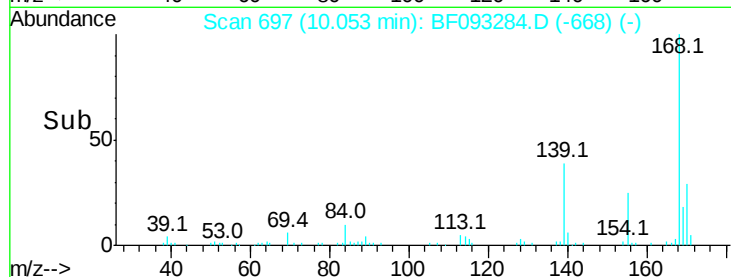
65 3.6 85.8 125.8#



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): BFO



#57

Fluorene

Concen: 5.41 ng

RT: 10.40 min Scan# 727

Delta R.T. -0.05 min

Lab File: BF093284.D

Acq: 1 Mar 2017 10:09

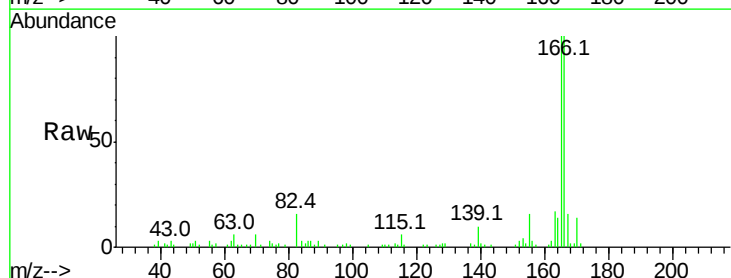
Tgt Ion:166 Resp: 60876

Ion Ratio Lower Upper

166 100

165 100.4 77.8 116.8

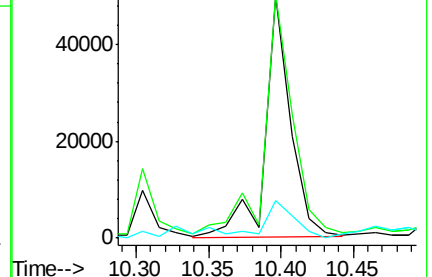
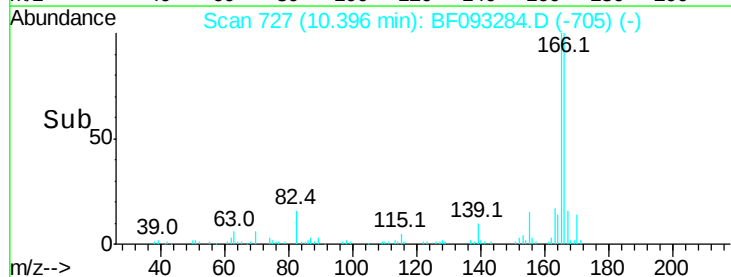
167 15.6 10.8 16.2

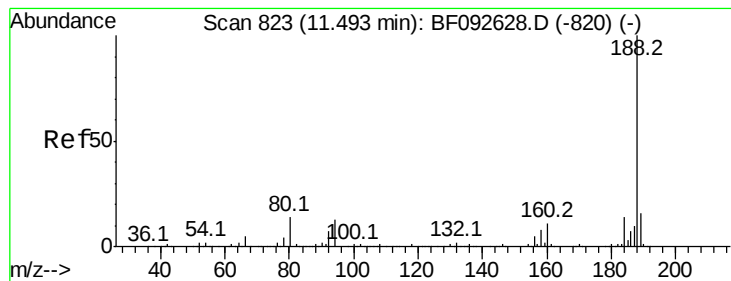


Abundance Ion 166.00 (165.70 to 166.70): E

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: BF093284.D

Acq: 1 Mar 2017 10:09

Instrument :

BNA_F

ClientSampleId :

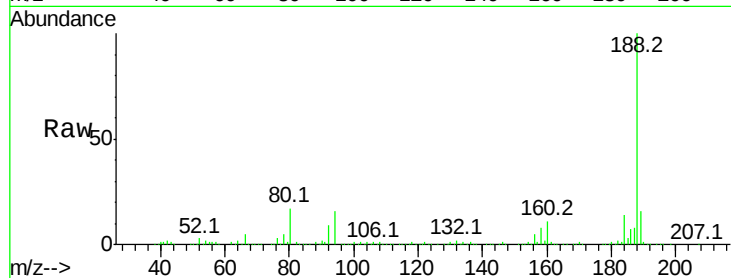
Tot Ion:188 Resp: 318551

Ion Ratio Lower Upper

188 100

94 15.9 10.0 15.0#

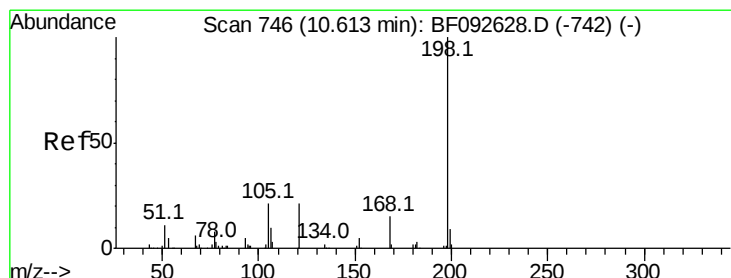
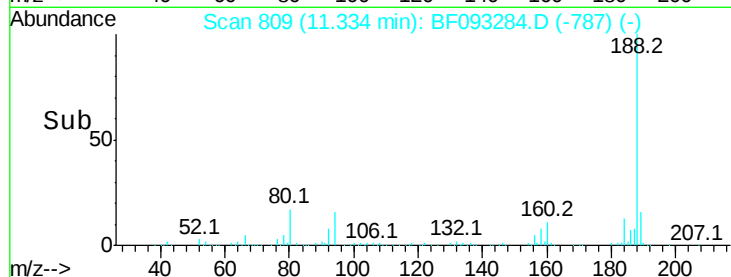
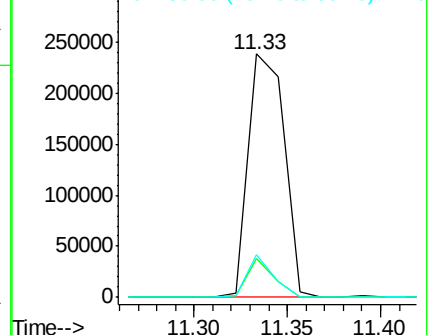
80 17.4 11.2 16.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 2.77 ng

RT: 10.65 min Scan# 749

Delta R.T. 0.15 min

Lab File: BF093284.D

Acq: 1 Mar 2017 10:09

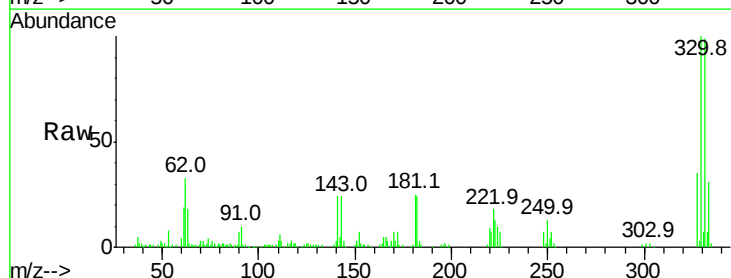
Tgt Ion:198 Resp: 209

Ion Ratio Lower Upper

198 100

51 503.0 6.7 46.7#

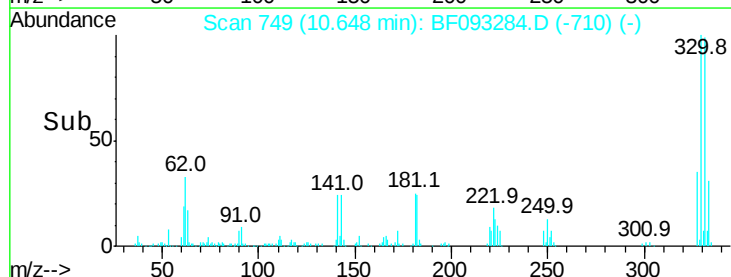
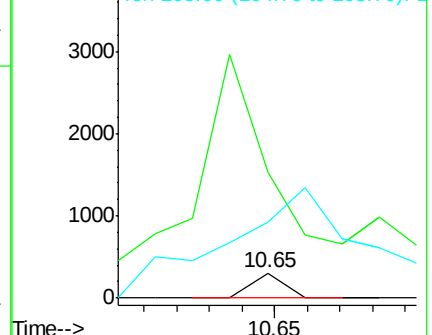
105 305.2 16.6 56.6#

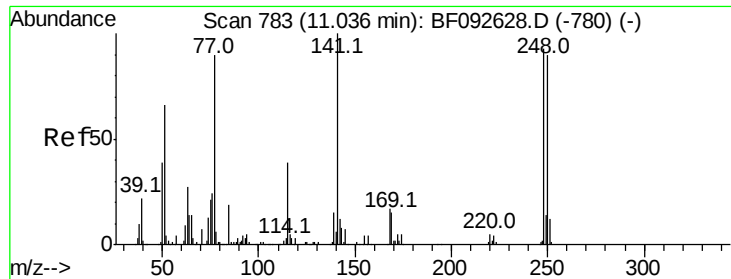


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#66

4-Bromophenyl-phenylether

Concen: 2.10 ng

RT: 10.65 min Scan# 749

Delta R.T. -0.27 min

Lab File: BF093284.D

Acq: 1 Mar 2017 10:09

Instrument :

BNA_F

ClientSampleId :

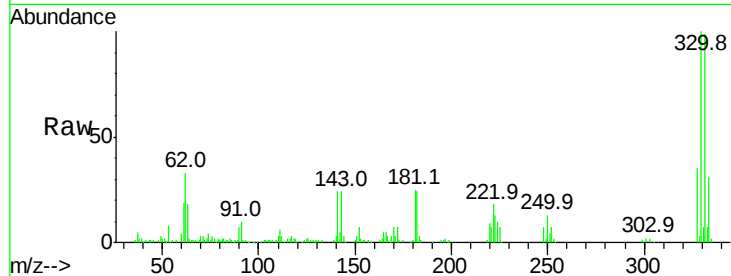
Tot Ion:248 Resp: 6994

Ion Ratio Lower Upper

248 100

250 188.3 76.9 115.3#

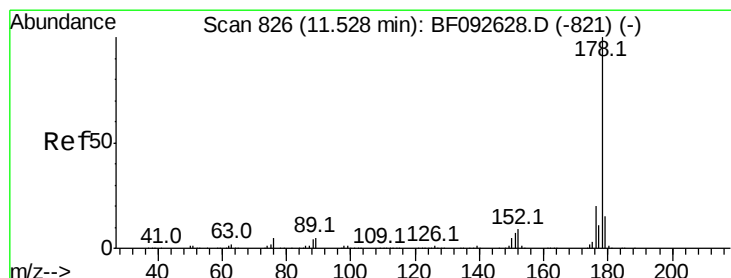
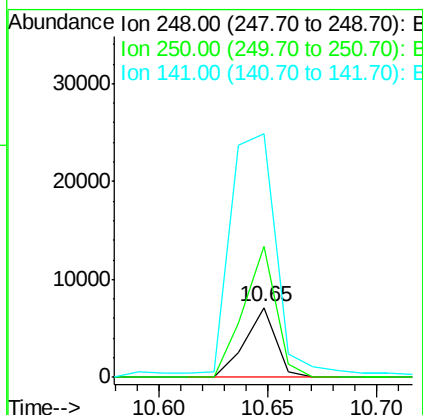
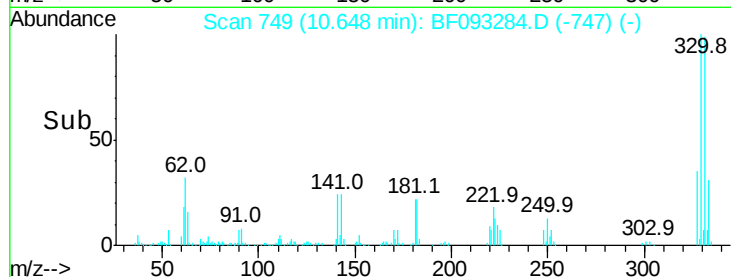
141 349.5 68.2 102.4#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#70

Phenanthrene

Concen: 50.43 ng

RT: 11.37 min Scan# 812

Delta R.T. -0.03 min

Lab File: BF093284.D

Acq: 1 Mar 2017 10:09

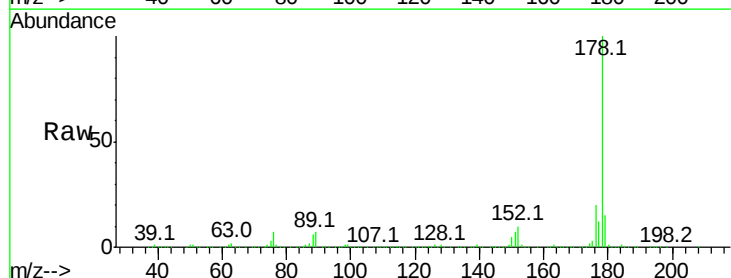
Tgt Ion:178 Resp: 920281

Ion Ratio Lower Upper

178 100

176 19.8 16.6 25.0

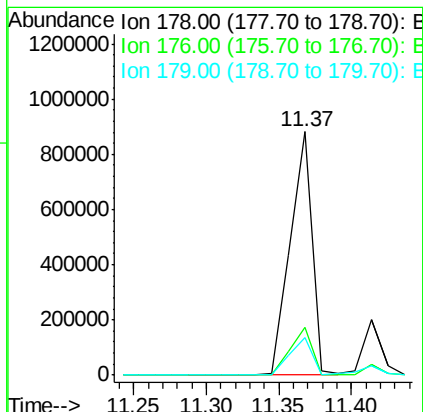
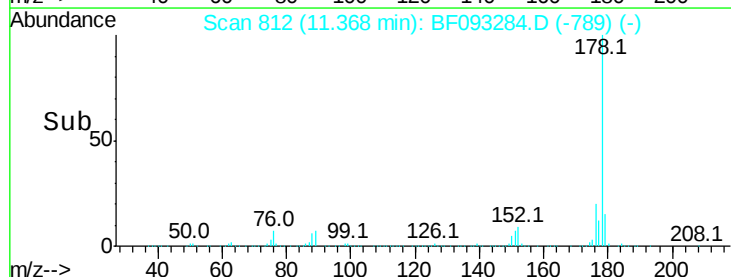
179 15.2 12.8 19.2

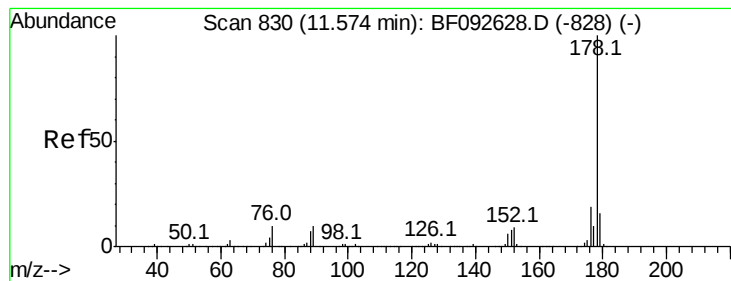


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 9.90 ng

RT: 11.41 min Scan# 816

Delta R.T. -0.05 min

Lab File: BF093284.D

Acq: 1 Mar 2017 10:09

Instrument :

BNA_F

ClientSampled :

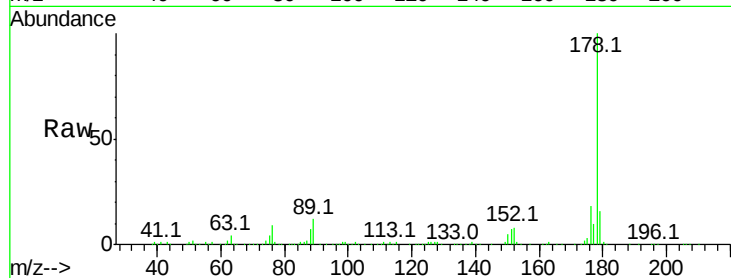
Tot Ion:178 Resp: 181378

Ion Ratio Lower Upper

178 100

176 18.2 15.9 23.9

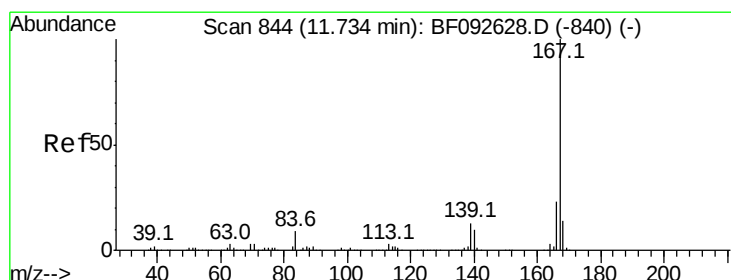
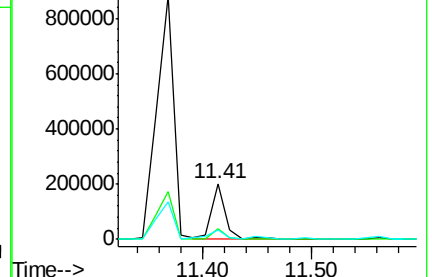
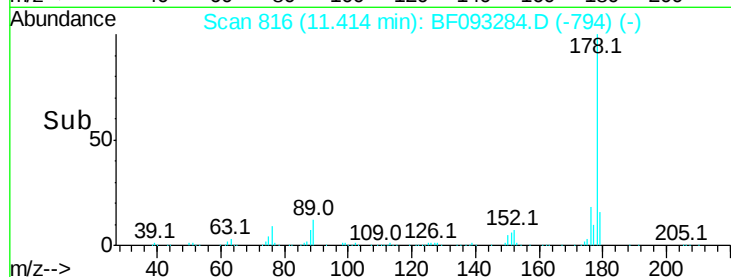
179 16.1 13.2 19.8



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: 3.53 ng

RT: 11.57 min Scan# 830

Delta R.T. -0.03 min

Lab File: BF093284.D

Acq: 1 Mar 2017 10:09

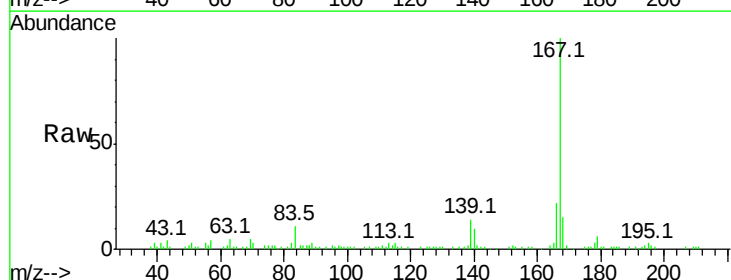
Tgt Ion:167 Resp: 61901

Ion Ratio Lower Upper

167 100

166 21.9 18.2 27.2

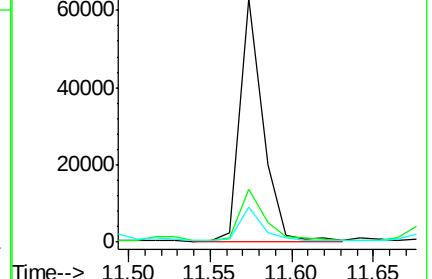
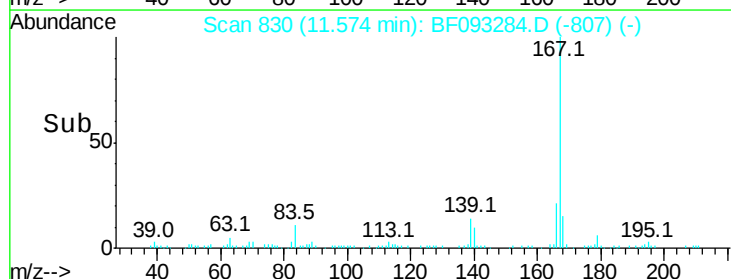
139 14.2 11.4 17.2

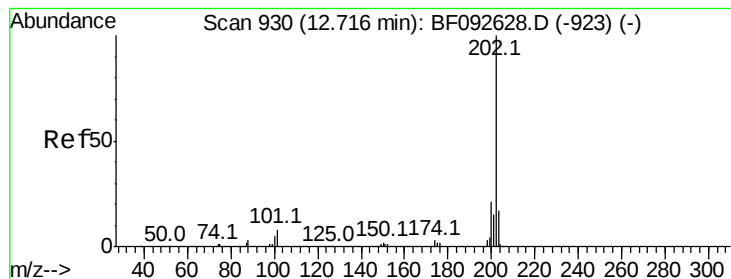


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 66.49 ng

RT: 12.56 min Scan# 916

Delta R.T. -0.03 min

Lab File: BF093284.D

Acq: 1 Mar 2017 10:09

Instrument :

BNA_F

ClientSampleId :

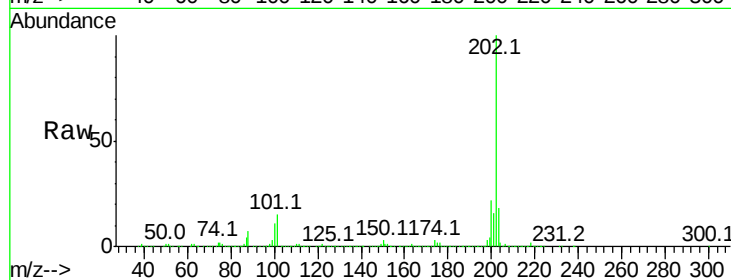
Tot Ion:202 Resp: 1251619

Ion Ratio Lower Upper

202 100

101 14.6 0.0 34.6

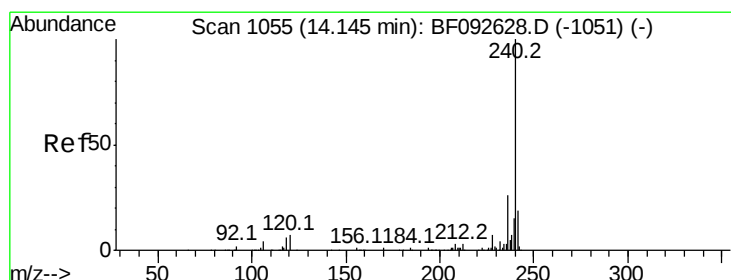
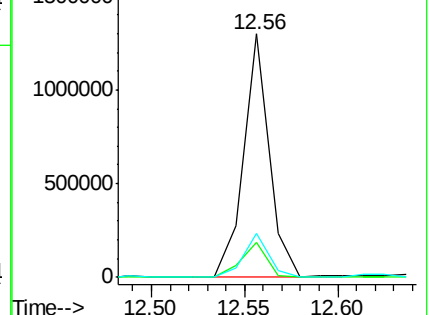
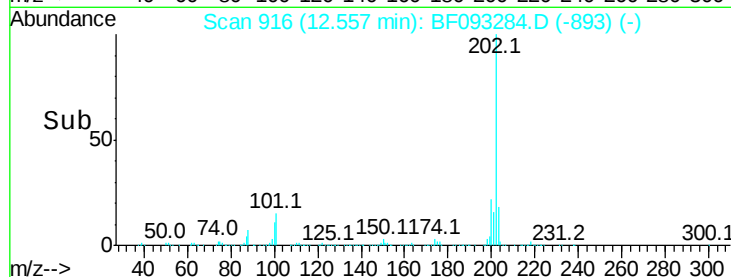
203 18.0 0.0 38.7



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: BF093284.D

Acq: 1 Mar 2017 10:09

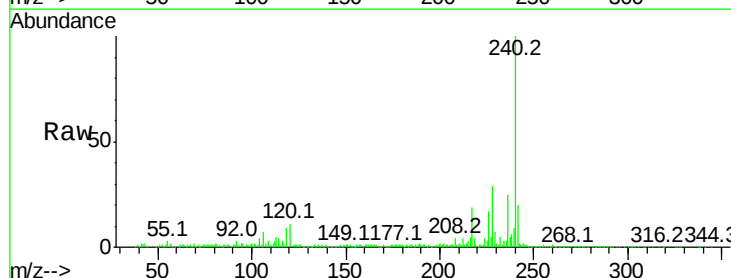
Tgt Ion:240 Resp: 258308

Ion Ratio Lower Upper

240 100

120 11.1 12.9 19.3#

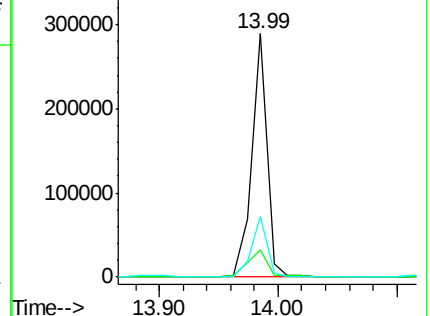
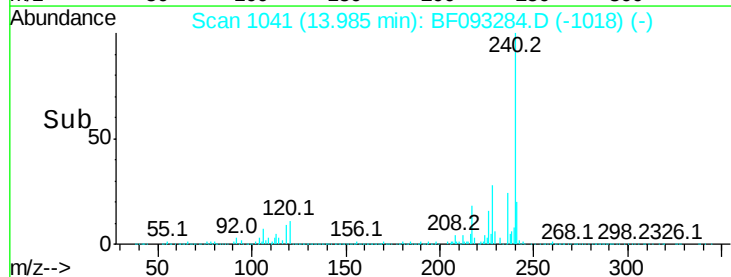
236 25.0 20.9 31.3

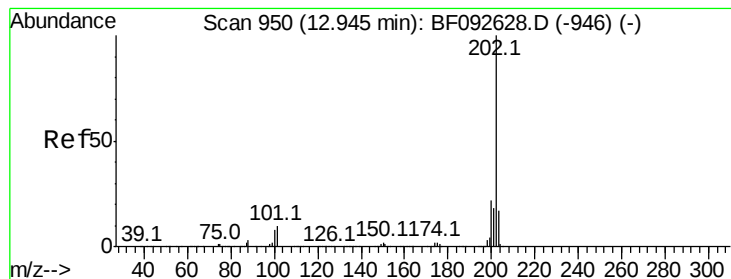


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 57.43 ng

RT: 12.79 min Scan# 936

Delta R.T. -0.03 min

Lab File: BF093284.D

Acq: 1 Mar 2017 10:09

Instrument :

BNA_F

ClientSampleId :

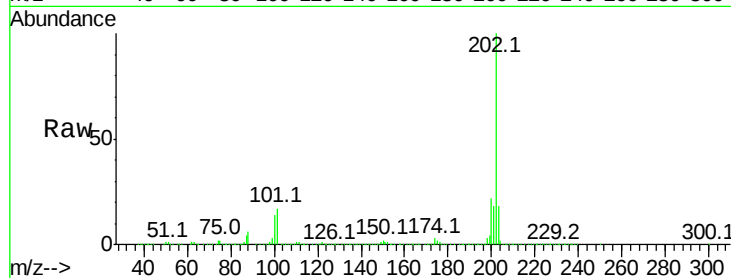
Tot Ion:202 Resp: 1110263

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.7	26.5
203	17.9	14.7	22.1

202 100

200 22.0 17.7 26.5

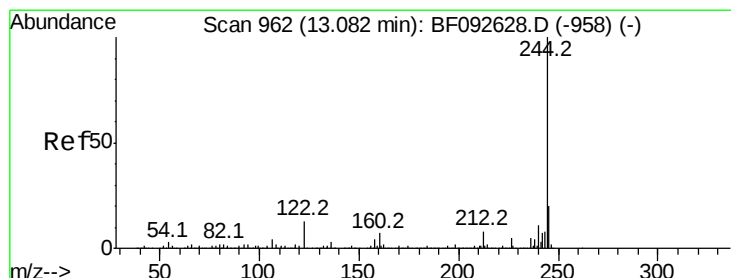
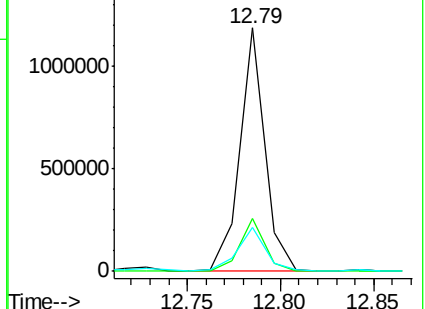
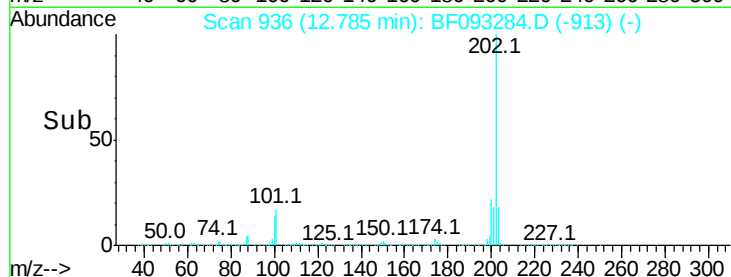
203 17.9 14.7 22.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 42.48 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.05 min

Lab File: BF093284.D

Acq: 1 Mar 2017 10:09

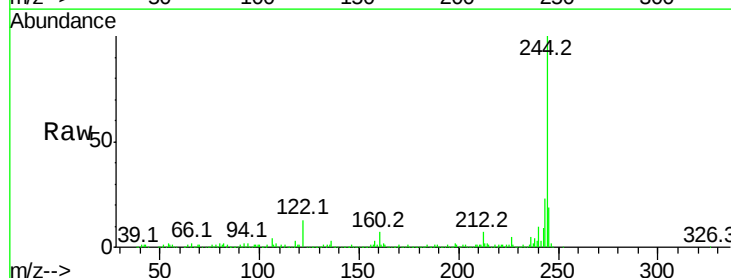
Tgt Ion:244 Resp: 466959

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.2	9.2
122	12.6	11.4	17.2

244 100

212 7.4 6.2 9.2

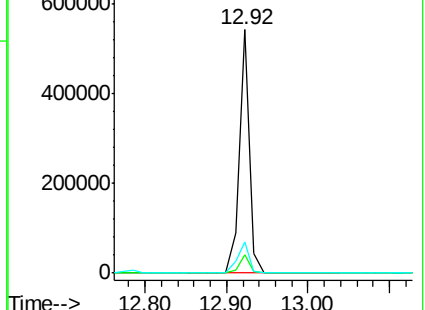
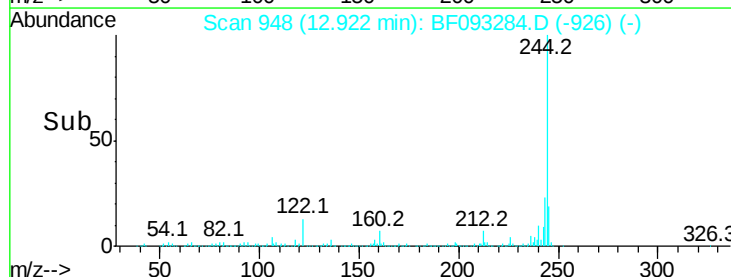
122 12.6 11.4 17.2

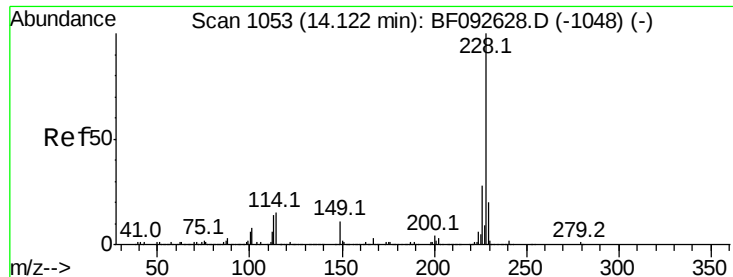


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

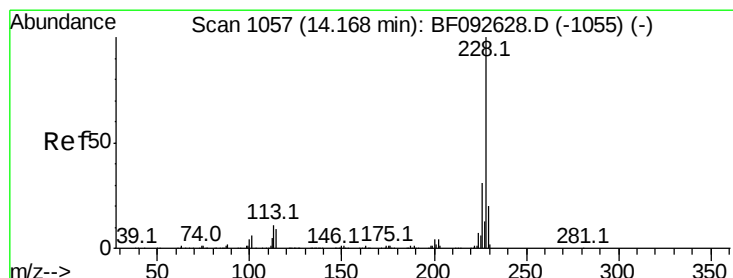
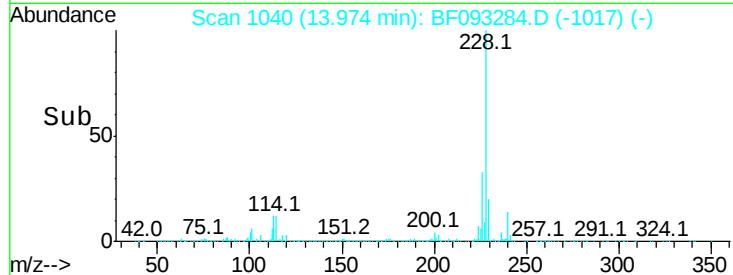
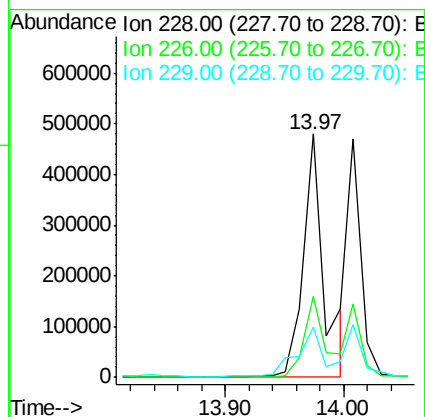
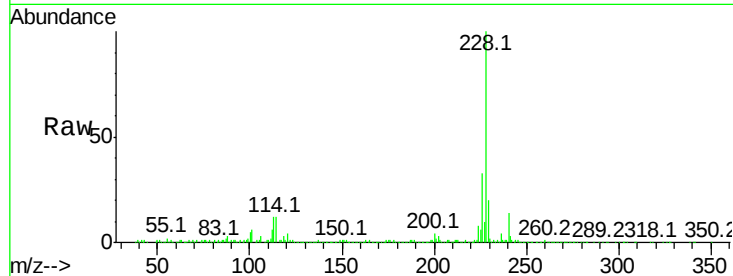




#80
Benzo(a)anthracene
Concen: 36.68 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.03 min
Lab File: BF093284.D
Acq: 1 Mar 2017 10:09

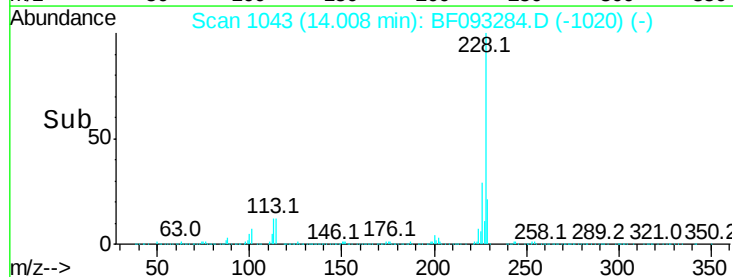
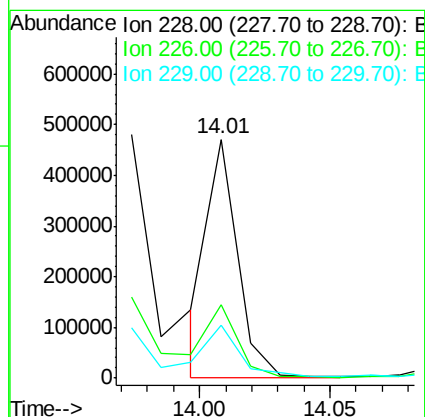
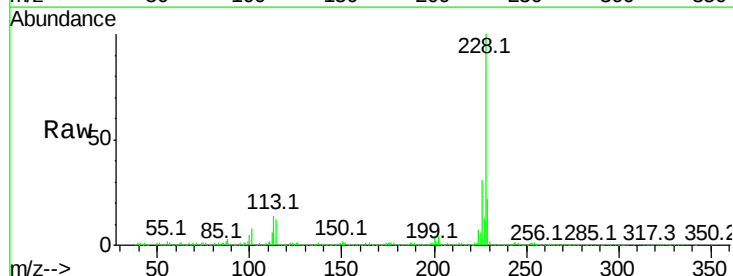
Instrument :
BNA_F
ClientSampleId :

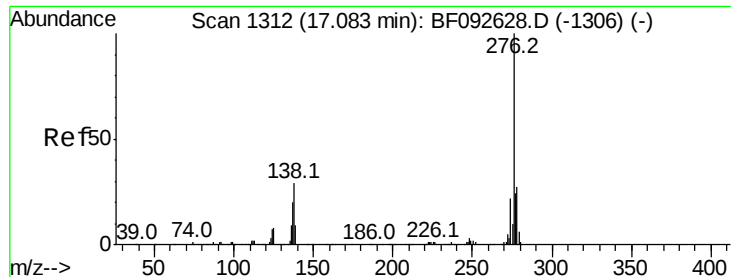
Tot Ion:228 Resp: 579441
Ion Ratio Lower Upper
228 100
226 33.2 22.4 33.6
229 20.4 16.2 24.4



#82
Chrysene
Concen: 25.21 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.03 min
Lab File: BF093284.D
Acq: 1 Mar 2017 10:09

Tgt Ion:228 Resp: 372875
Ion Ratio Lower Upper
228 100
226 30.5 25.4 38.0
229 22.4 16.2 24.2

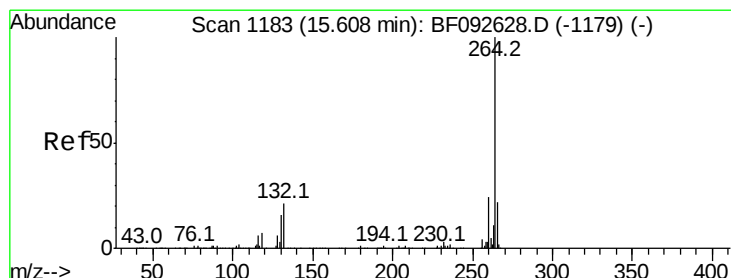
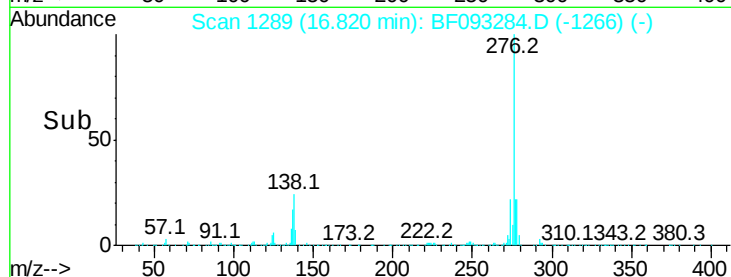
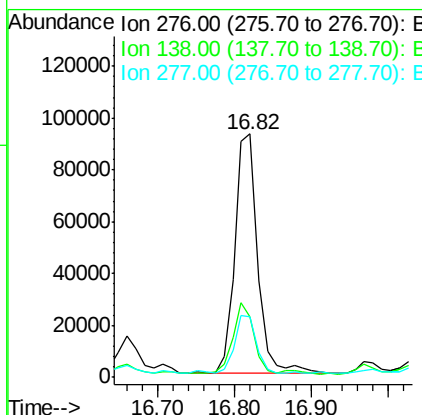
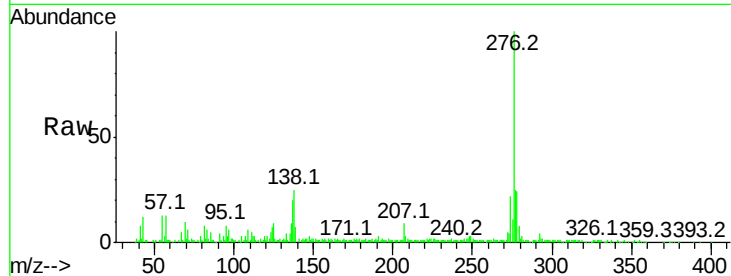




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 16.87 ng
 RT: 16.82 min Scan# 1289
 Delta R.T. -0.03 min
 Lab File: BF093284.D
 Acq: 1 Mar 2017 10:09

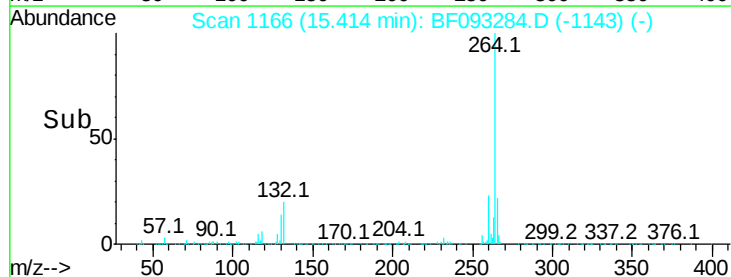
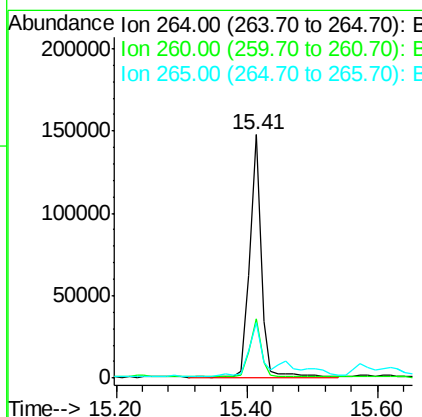
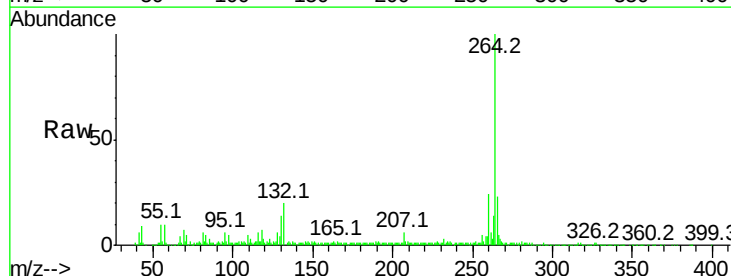
Instrument :
 BNA_F
 ClientSampleId :

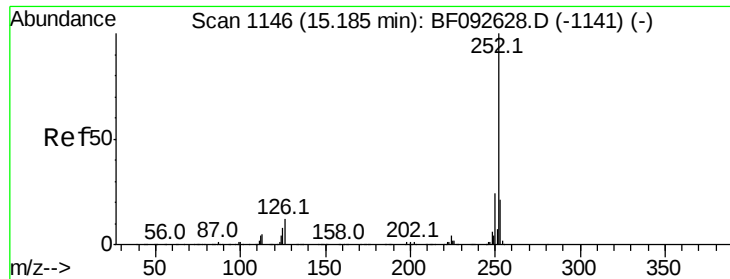
Tot Ion	Ratio	Lower	Upper
276	100		
138	27.0	21.8	32.6
277	22.9	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1166
 Delta R.T. -0.03 min
 Lab File: BF093284.D
 Acq: 1 Mar 2017 10:09

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.8	17.4	26.0

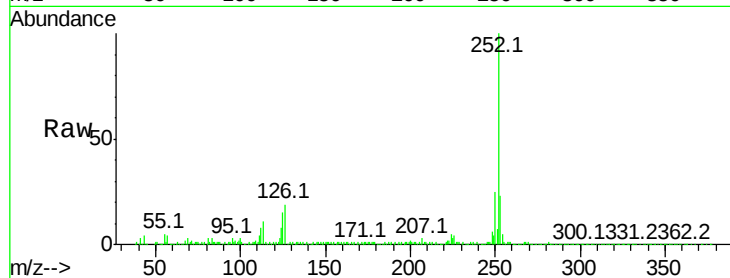




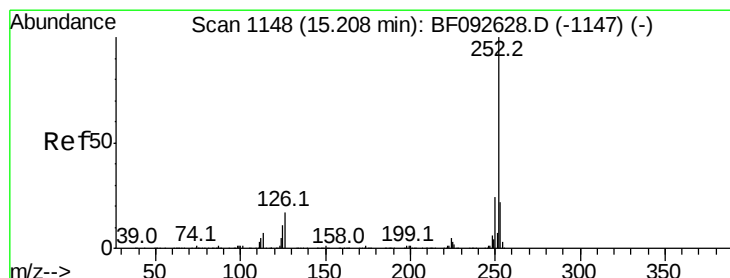
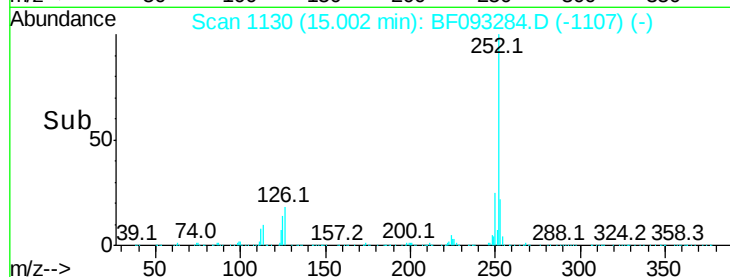
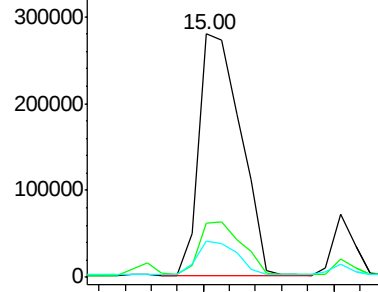
#87
Benzo(b)fluoranthene
Concen: 52.71 ng
RT: 15.00 min Scan# 1130
Delta R.T. -0.03 min
Lab File: BF093284.D
Acq: 1 Mar 2017 10:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 623053
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.4
125 15.1 9.8 14.6#

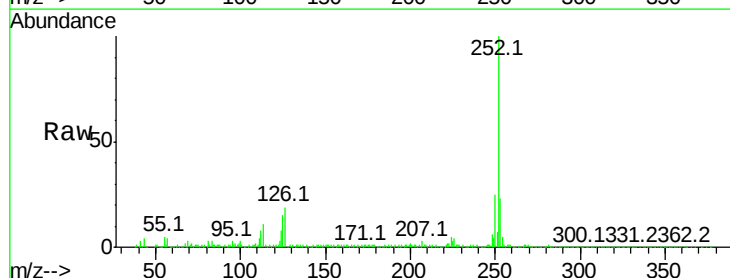


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

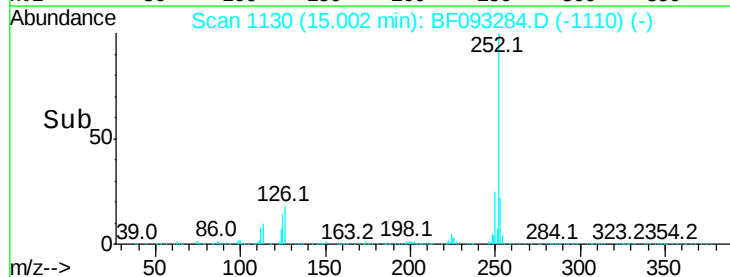
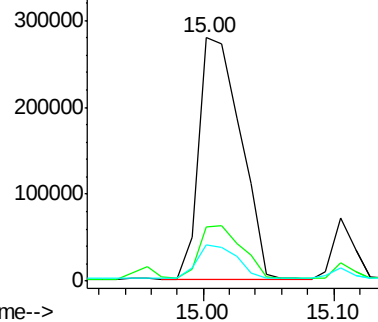


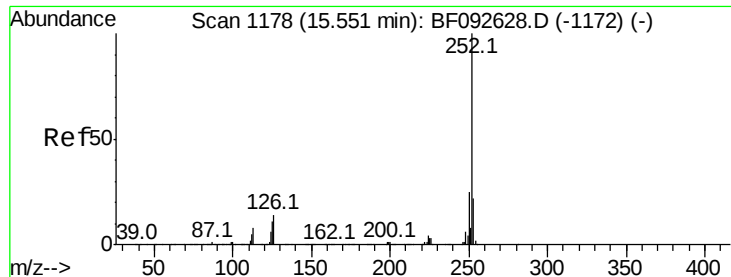
#88
Benzo(k)fluoranthene
Concen: 61.05 ng
RT: 15.00 min Scan# 1130
Delta R.T. -0.07 min
Lab File: BF093284.D
Acq: 1 Mar 2017 10:09

Tgt Ion:252 Resp: 623053
Ion Ratio Lower Upper
252 100
253 22.5 18.5 27.7
125 15.1 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

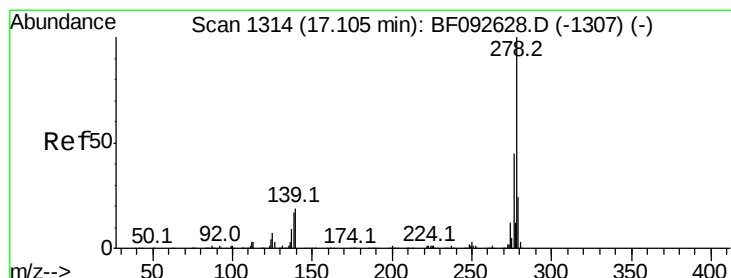
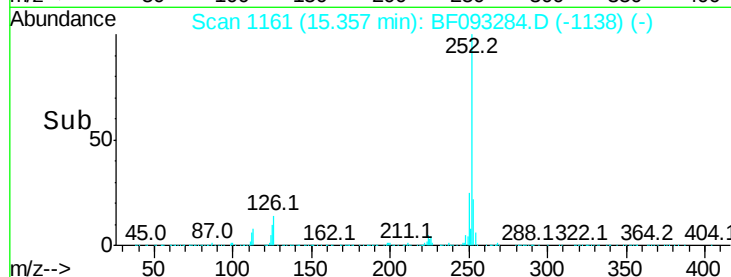
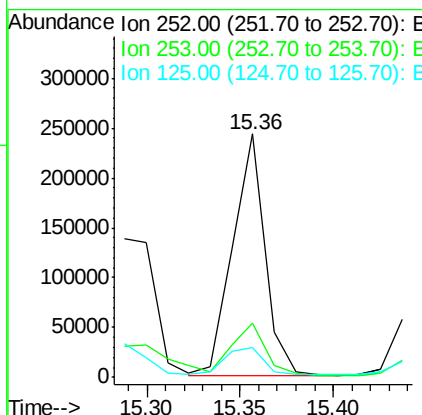
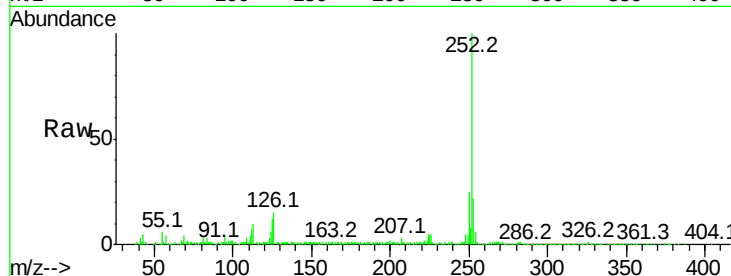




#89
Benzo(a)pyrene
Concen: 28.62 ng
RT: 15.36 min Scan# 1161
Delta R.T. -0.03 min
Lab File: BF093284.D
Acq: 1 Mar 2017 10:09

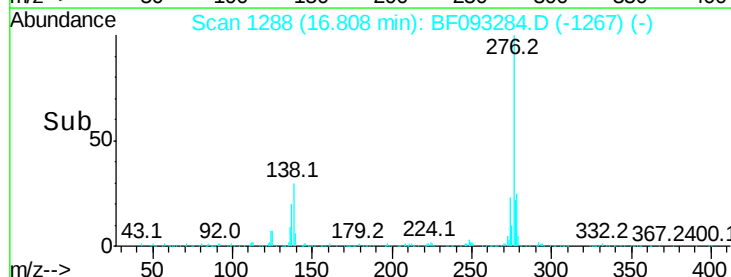
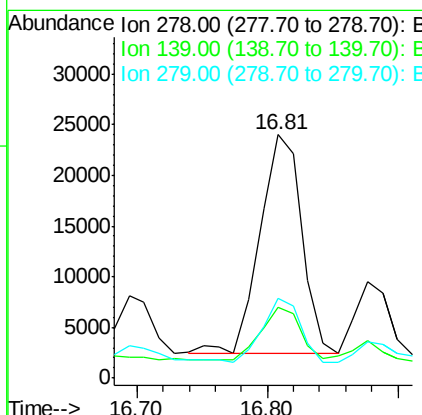
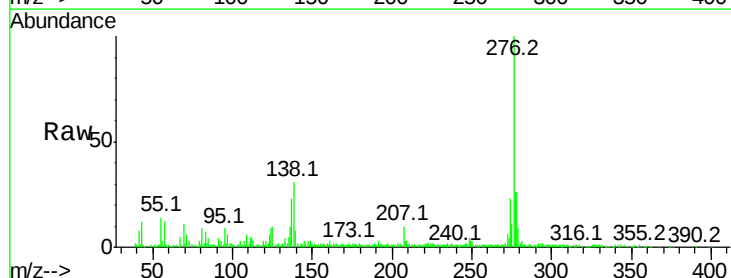
Instrument :
BNA_F
ClientSampleId :

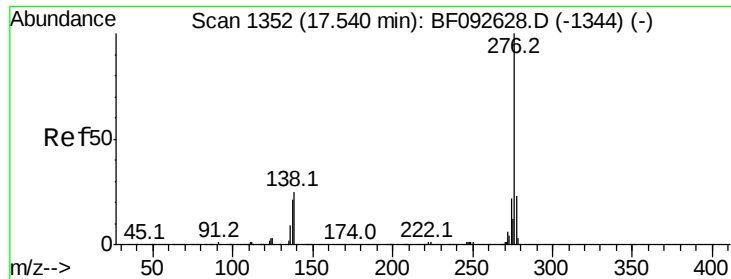
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	12.3	10.0	15.0



#90
Dibenzo(a,h)anthracene
Concen: 5.84 ng
RT: 16.81 min Scan# 1288
Delta R.T. -0.06 min
Lab File: BF093284.D
Acq: 1 Mar 2017 10:09

Tgt Ion	Ratio	Lower	Upper
278	100		
139	29.1	14.8	22.2#
279	32.8	19.8	29.6#





#91
 Benzo(a,h,i)perylene
 Concen: 20.33 ng
 RT: 17.24 min Scan# 1326
 Delta R.T. -0.05 min
 Lab File: BF093284.D
 Acq: 1 Mar 2017 10:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 169716
 Ion Ratio Lower Upper
 276 100
 277 24.3 19.2 28.8
 138 26.6 16.0 24.0#

