

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030117\
 Data File : BF093302.D
 Acq On : 1 Mar 2017 21:12
 Operator : SJ/MA
 Sample : I2031-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20170228-01

Quant Time: Mar 02 00:05:28 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

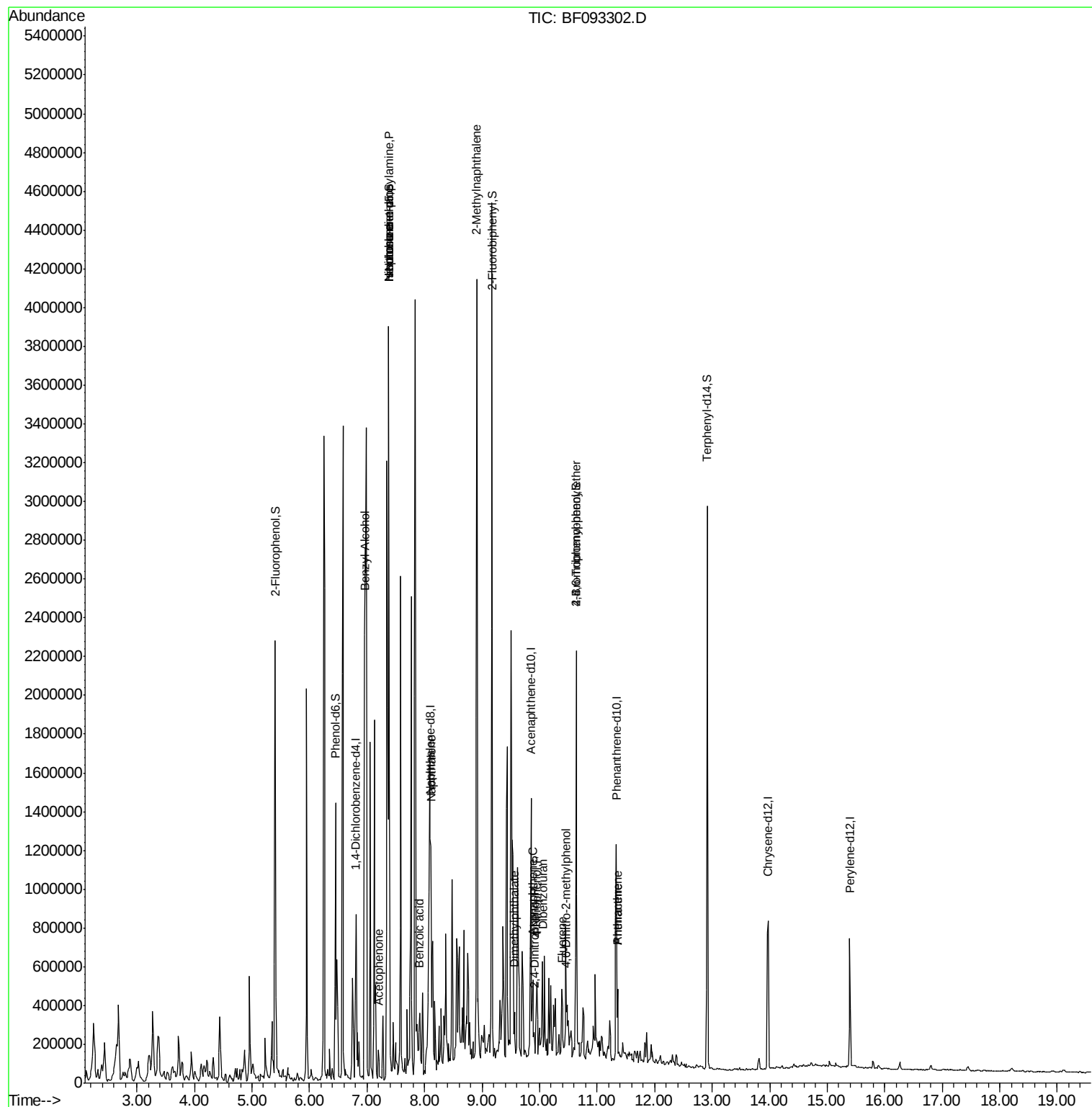
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	144290	20.00	ng	-0.05
21) Naphthalene-d8	8.10	136	584409	20.00	ng	-0.05
38) Acenaphthene-d10	9.85	164	282526	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	494012	20.00	ng	-0.05
75) Chrysene-d12	13.97	240	388030	20.00	ng	-0.05
86) Perylene-d12	15.39	264	275387	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	672281	79.93	ng	-0.05
7) Phenol-d6	6.45	99	556025	51.38	ng	-0.03
23) Nitrobenzene-d5	7.38	82	852396	81.22	ng	-0.05
41) 2,4,6-Tribromophenol	10.64	330	288271	141.07	ng	-0.05
44) 2-Fluorobiphenyl	9.17	172	1587904	101.82	ng	-0.05
78) Terphenyl-d14	12.91	244	1240713	75.13	ng	-0.06
Target Compounds						Qvalue
15) Benzyl Alcohol	6.96	79	21711	2.71	ng	# 44
18) Hexachloroethane	7.38	117	946442	252.06	ng	# 3
19) n-Nitroso-di-n-propylamine	7.38	70	110591	16.05	ng	# 87
22) Acetophenone	7.20	105	52798	3.96	ng	# 58
25) Isophorone	7.38	82	711040	36.36	ng	# 65
31) Naphthalene	8.11	128	64347	2.17	ng	# 1
32) Benzoic acid	7.92	122	1104	7.35	ng	# 1
37) 2-Methylnaphthalene	8.91	142	1167284	61.37	ng	97
49) Dimethylphthalate	9.56	163	39725	2.09	ng	# 92
51) Acenaphthene	9.88	154	62090	3.76	ng	# 74
53) 2,4-Dinitrophenol	9.90	184	258	4.85	ng	# 1
54) Dibenzofuran	10.05	168	82679	3.74	ng	# 86
55) 4-Nitrophenol	9.95	139	12620	3.73	ng	# 36
57) Fluorene	10.40	166	95358	5.61	ng	94
64) 4,6-Dinitro-2-methylphenol	10.46	198	598	2.86	ng	# 1
66) 4-Bromophenyl-phenylether	10.64	248	19949	3.87	ng	# 1
70) Phenanthrene	11.36	178	159996	5.65	ng	98
71) Anthracene	11.36	178	159996	5.63	ng	98

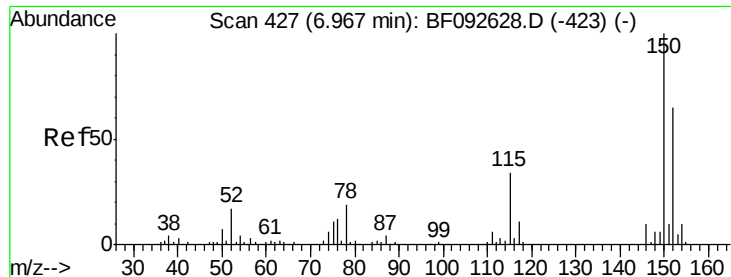
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030117\
Data File : BF093302.D
Acq On : 1 Mar 2017 21:12
Operator : SJ/MA
Sample : I2031-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20170228-01

Quant Time: Mar 02 00:05:28 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

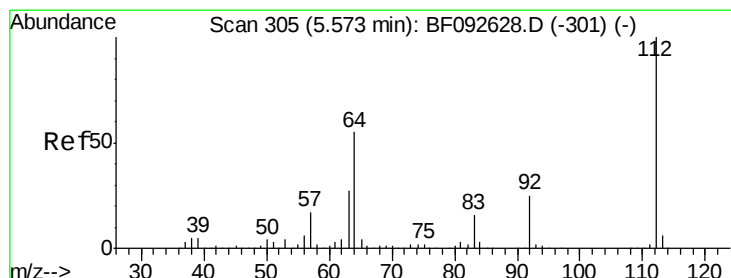
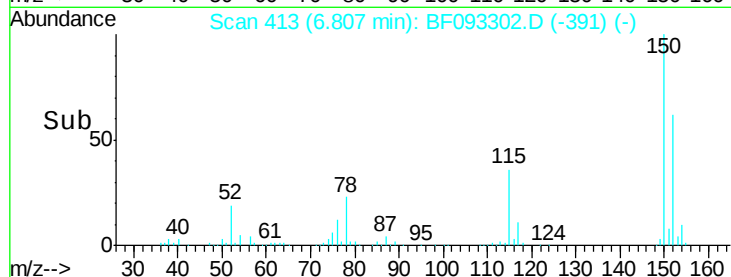
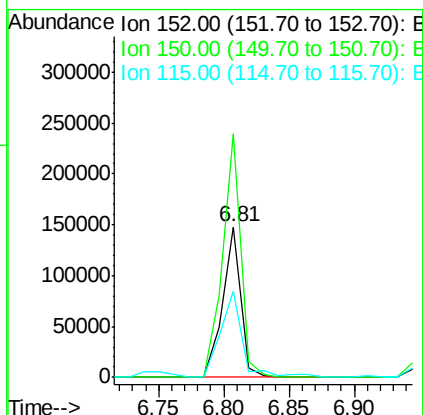
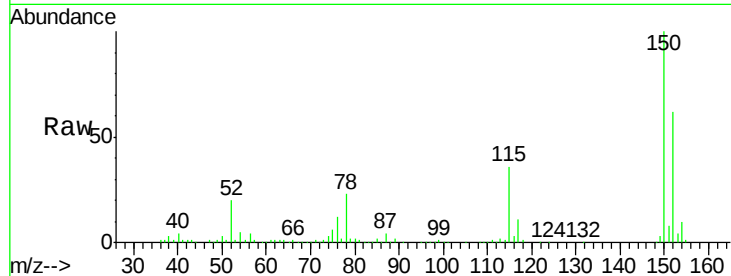




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.81 min Scan# 413
 Delta R.T. -0.05 min
 Lab File: BF093302.D
 Acq: 1 Mar 2017 21:12

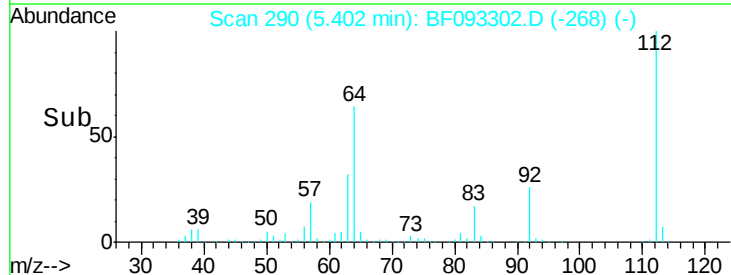
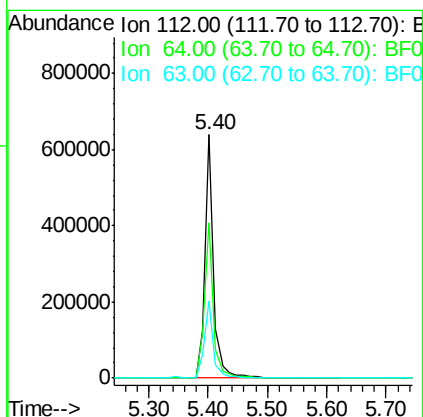
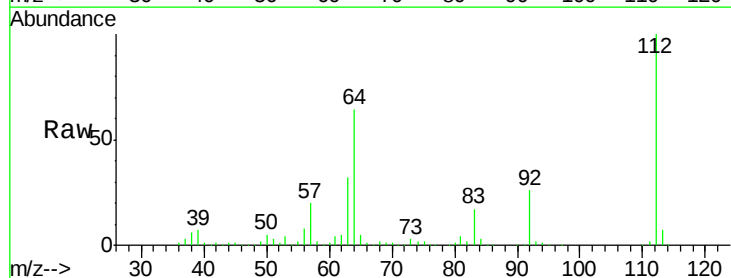
Instrument :
 BNA_F
 ClientSampleId :
 20170228-01

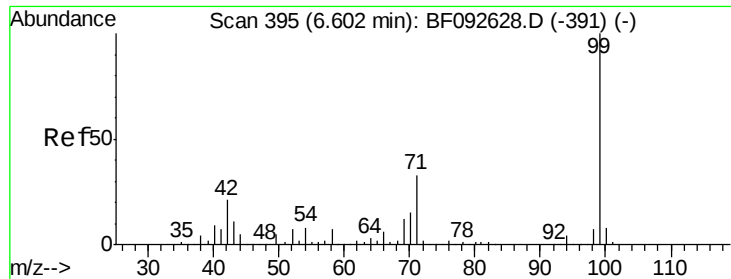
Tgt Ion:152 Resp: 144290
 Ion Ratio Lower Upper
 152 100
 150 161.9 124.9 187.3
 115 57.6 46.0 69.0



#5
 2-Fluorophenol
 Concen: 79.93 ng
 RT: 5.40 min Scan# 290
 Delta R.T. -0.05 min
 Lab File: BF093302.D
 Acq: 1 Mar 2017 21:12

Tgt Ion:112 Resp: 672281
 Ion Ratio Lower Upper
 112 100
 64 63.5 46.1 69.1
 63 31.8 23.8 35.6





#7

Phenol-d6

Concen: 51.38 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.03 min

Lab File: BF093302.D

Acq: 1 Mar 2017 21:12

Instrument :

BNA_F

ClientSampleId :

20170228-01

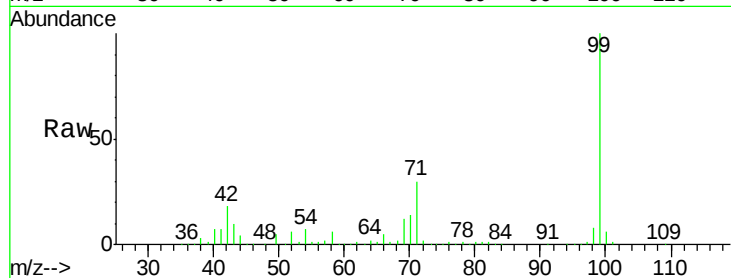
Tgt Ion: 99 Resp: 556025

Ion Ratio Lower Upper

99 100

42 18.4 15.6 23.4

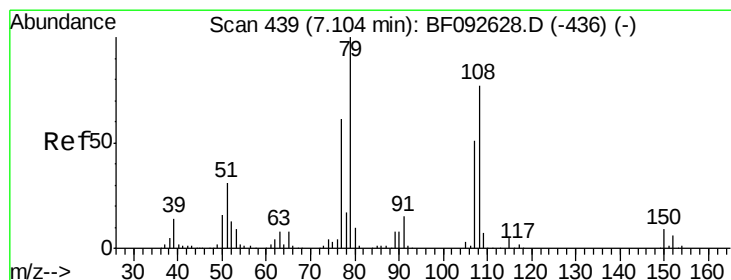
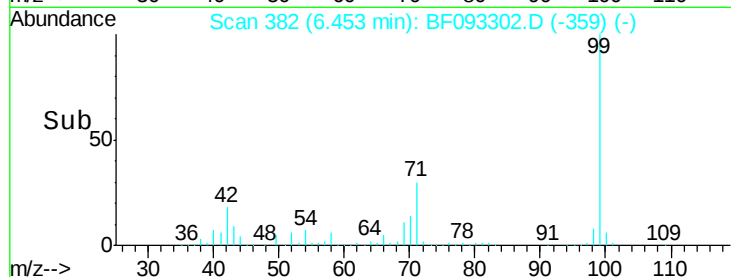
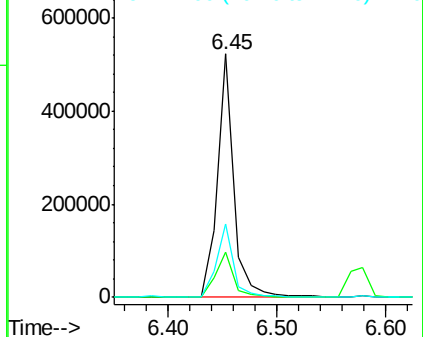
71 30.2 27.5 41.3



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



#15

Benzyl Alcohol

Concen: 2.71 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.05 min

Lab File: BF093302.D

Acq: 1 Mar 2017 21:12

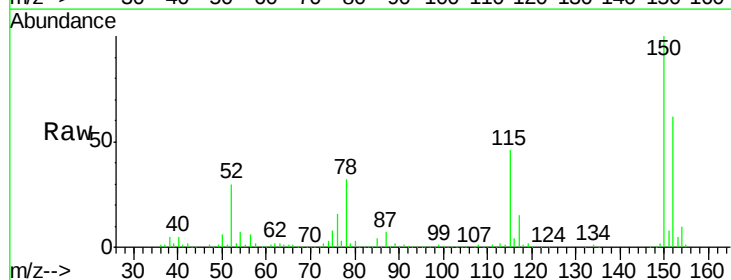
Tgt Ion: 79 Resp: 21711

Ion Ratio Lower Upper

79 100

108 23.9 61.4 92.0#

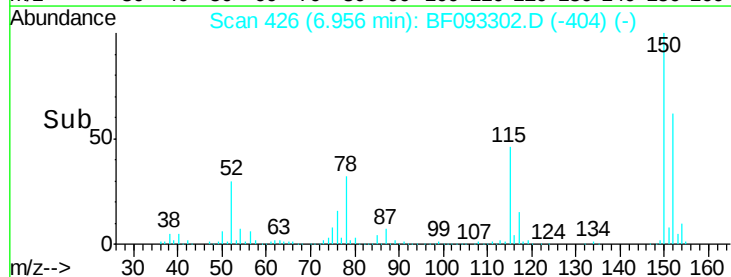
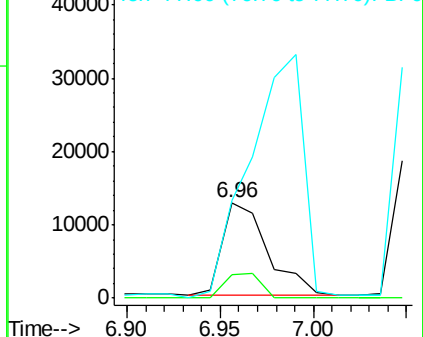
77 102.1 50.9 76.3#

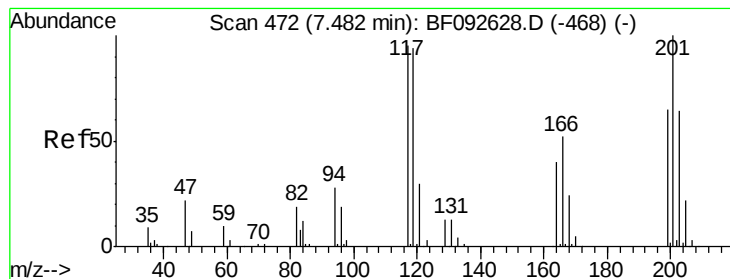


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#18

Hexachloroethane

Concen: 252.06 ng

RT: 7.38 min Scan# 463

Delta R.T. 0.01 min

Lab File: BF093302.D

Acq: 1 Mar 2017 21:12

Instrument :

BNA_F

ClientSampleId :

20170228-01

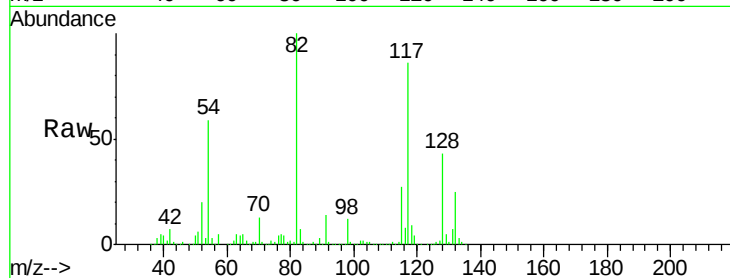
Tgt Ion:117 Resp: 946442

Ion Ratio Lower Upper

117 100

119 4.9 78.1 117.1#

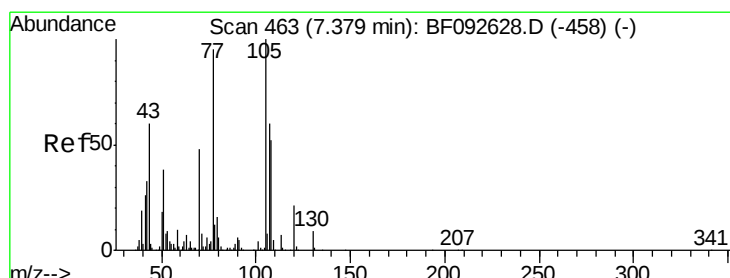
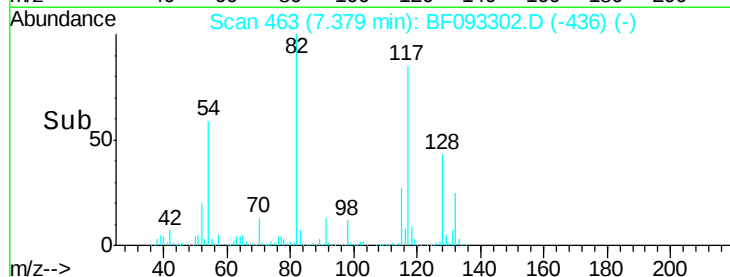
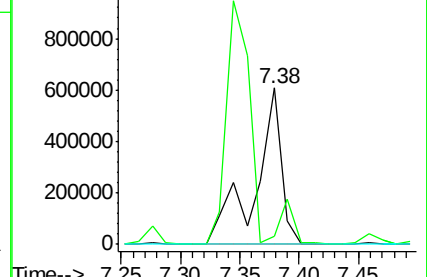
201 0.0 78.6 117.8#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 16.05 ng

RT: 7.38 min Scan# 463

Delta R.T. 0.10 min

Lab File: BF093302.D

Acq: 1 Mar 2017 21:12

Tgt Ion: 70 Resp: 110591

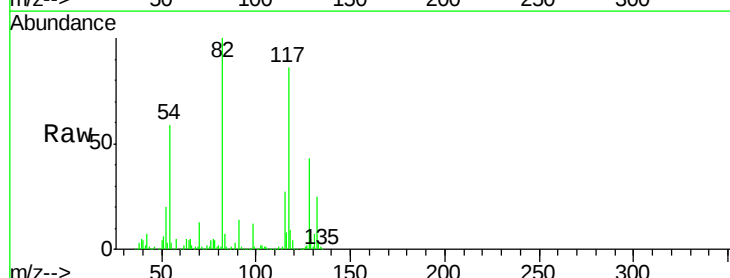
Ion Ratio Lower Upper

70 100

42 54.8 49.4 74.0

101 3.1 7.4 11.2#

130 6.6 14.2 21.4#

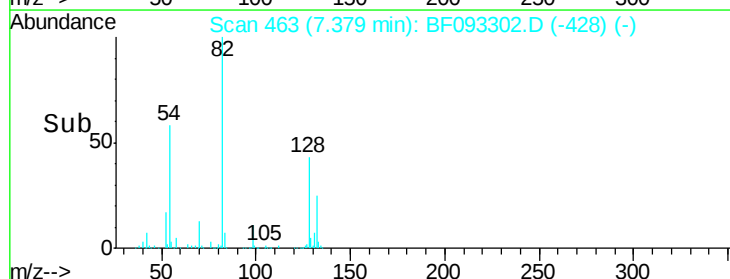
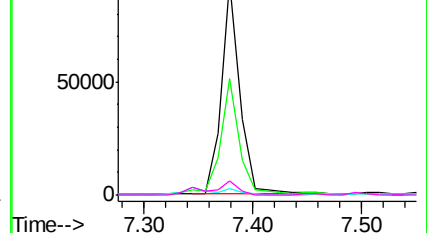


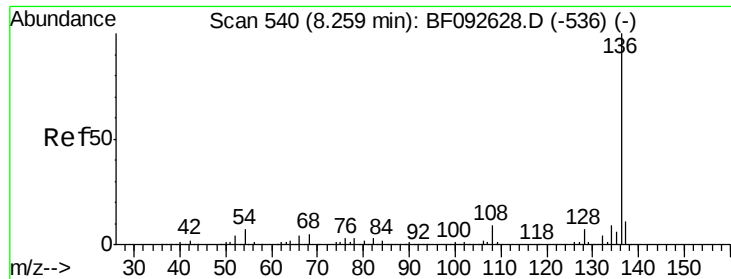
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

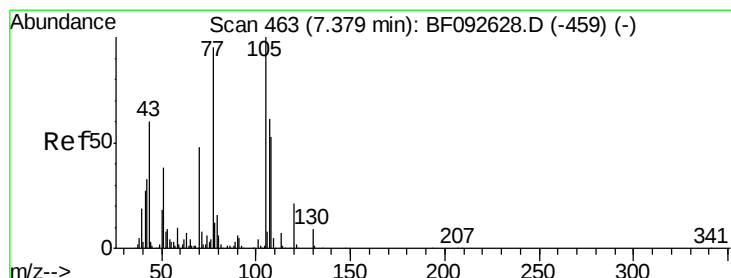
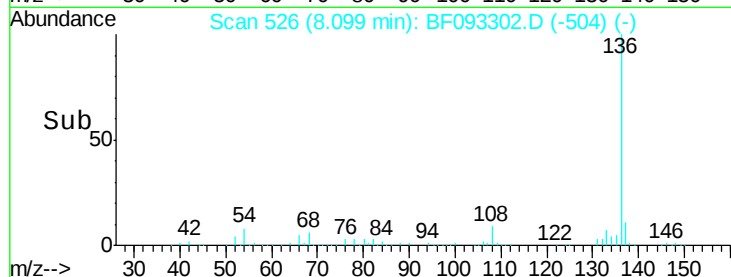
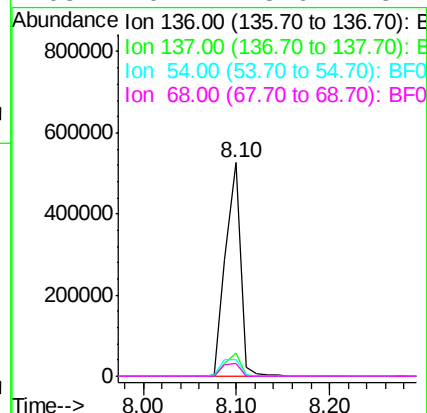
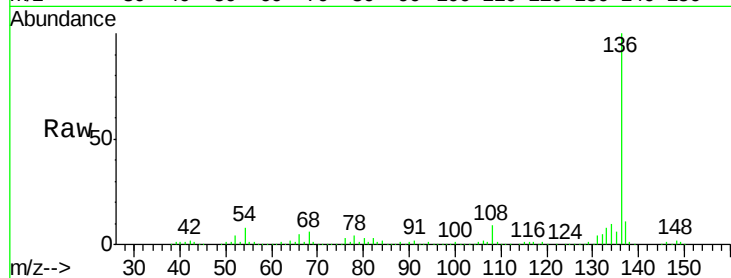




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.05 min
Lab File: BF093302.D
Acq: 1 Mar 2017 21:12

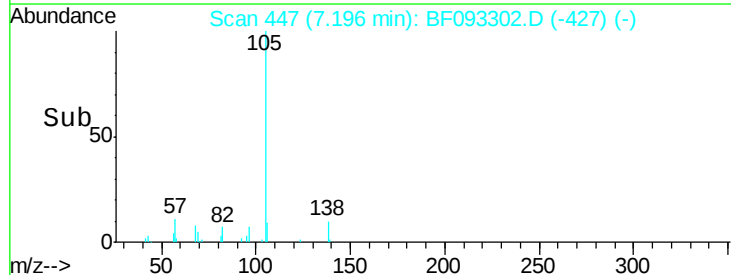
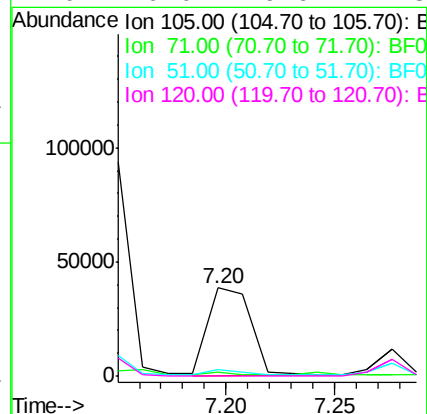
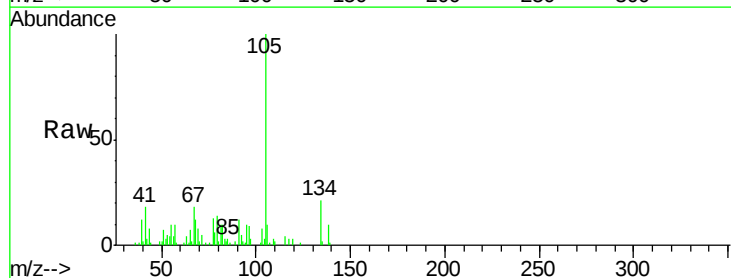
Instrument :
BNA_F
ClientSampleId :
20170228-01

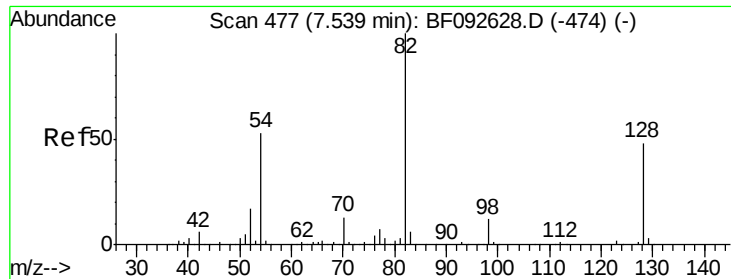
Tgt Ion:	136	Resp:	584409
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.4	12.6
54	7.9	4.5	6.7#
68	6.1	3.6	5.4#



#22
Acetophenone
Concen: 3.96 ng
RT: 7.20 min Scan# 447
Delta R.T. -0.07 min
Lab File: BF093302.D
Acq: 1 Mar 2017 21:12

Tgt Ion:	105	Resp:	52798
Ion	Ratio	Lower	Upper
105	100		
71	4.6	3.2	4.8
51	7.3	26.2	39.4#
120	0.0	16.6	24.8#

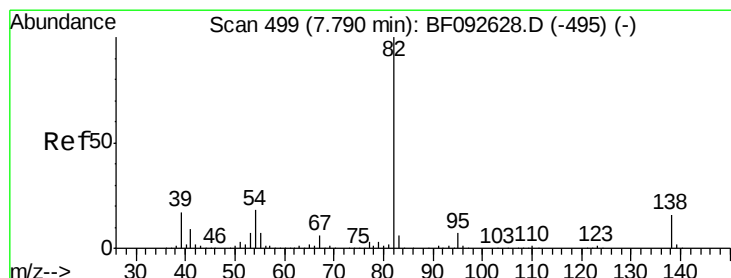
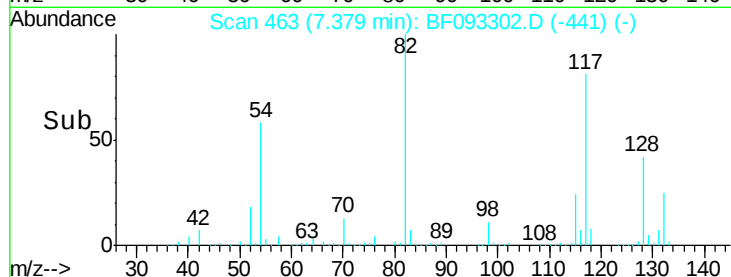
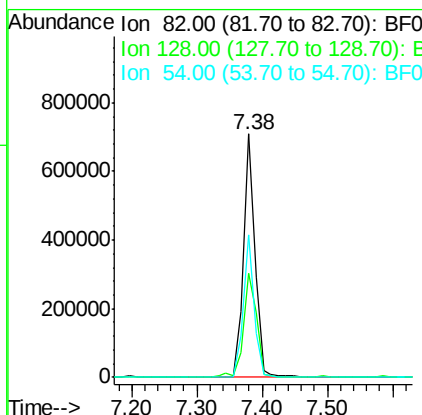
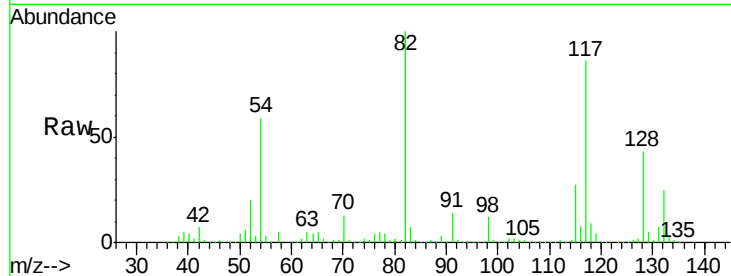




#23
 Nitrobenzene-d5
 Concen: 81.22 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.05 min
 Lab File: BF093302.D
 Acq: 1 Mar 2017 21:12

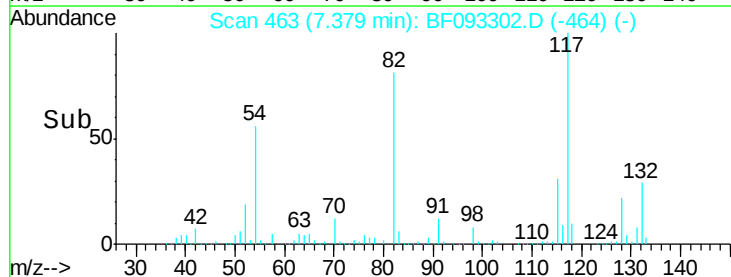
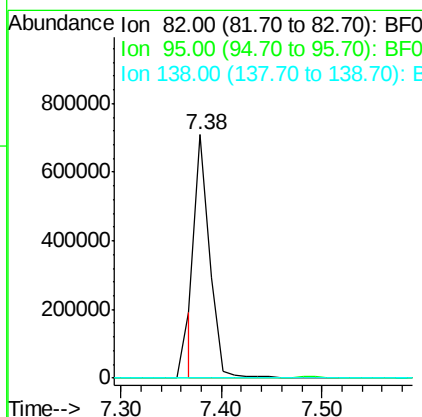
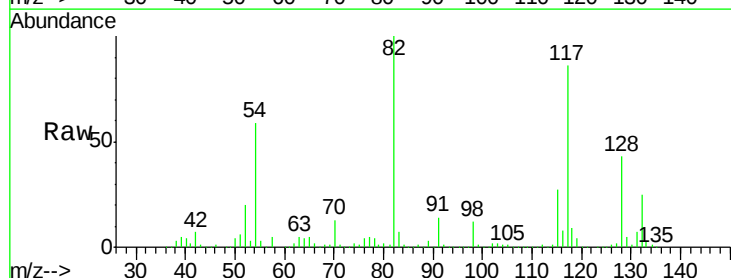
Instrument :
 BNA_F
 ClientSampleId :
 20170228-01

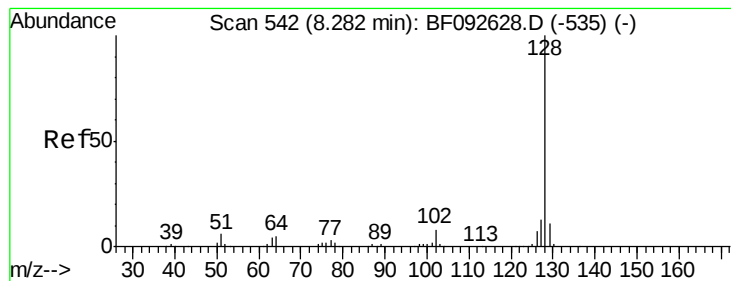
Tgt Ion: 82 Resp: 852396
 Ion Ratio Lower Upper
 82 100
 128 42.5 34.6 52.0
 54 58.6 39.5 59.3



#25
 Isophorone
 Concen: 36.36 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.31 min
 Lab File: BF093302.D
 Acq: 1 Mar 2017 21:12

Tgt Ion: 82 Resp: 711040
 Ion Ratio Lower Upper
 82 100
 95 0.1 5.6 8.4#
 138 0.0 14.6 22.0#





#31

Naphthalene

Concen: 2.17 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.06 min

Lab File: BF093302.D

Acq: 1 Mar 2017 21:12

Instrument :

BNA_F

ClientSampleId :

20170228-01

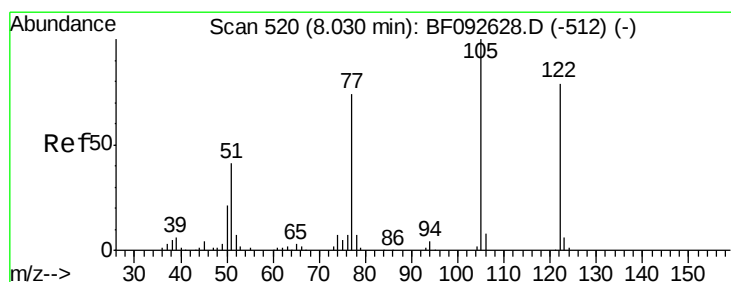
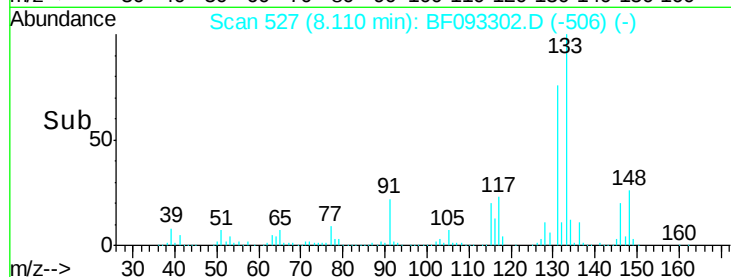
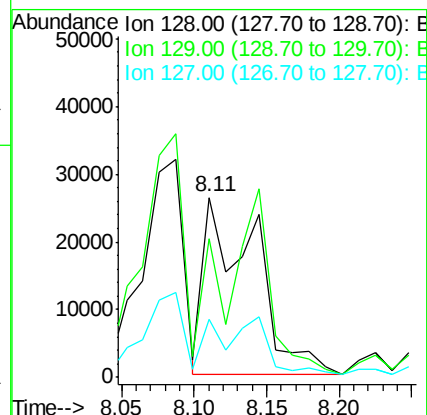
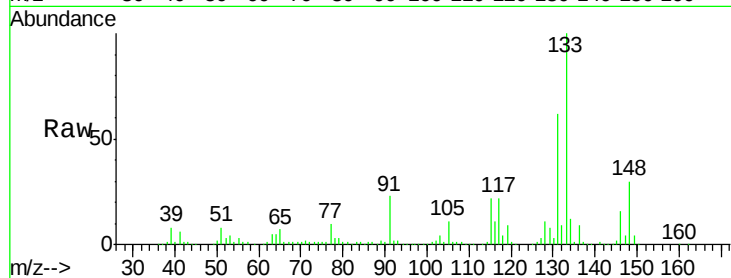
Tgt Ion:128 Resp: 64347

Ion Ratio Lower Upper

128 100

129 77.1 9.5 14.3#

127 32.0 10.8 16.2#



#32

Benzoic acid

Concen: 7.35 ng

RT: 7.92 min Scan# 510

Delta R.T. -0.01 min

Lab File: BF093302.D

Acq: 1 Mar 2017 21:12

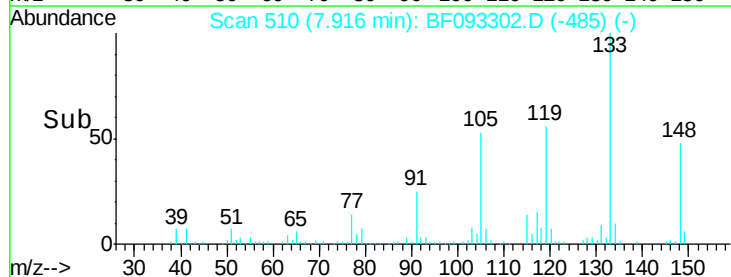
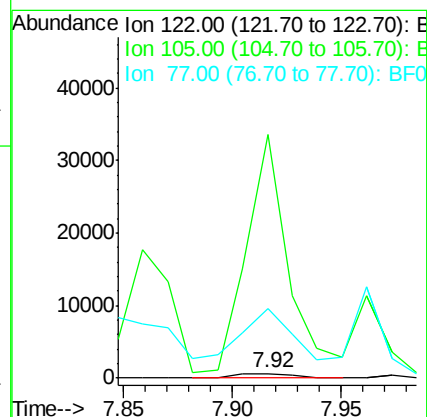
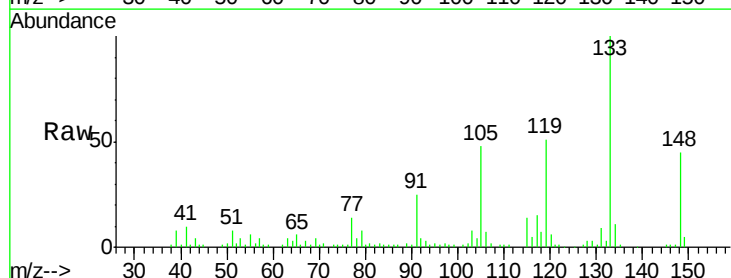
Tgt Ion:122 Resp: 1104

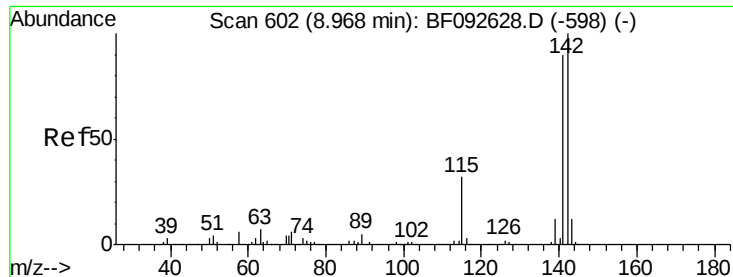
Ion Ratio Lower Upper

122 100

105 5592.0 107.2 147.2#

77 1601.0 74.5 114.5#

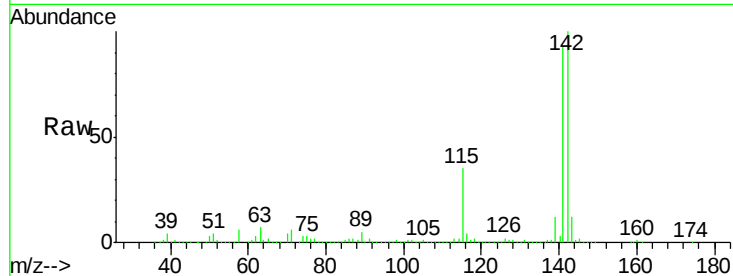




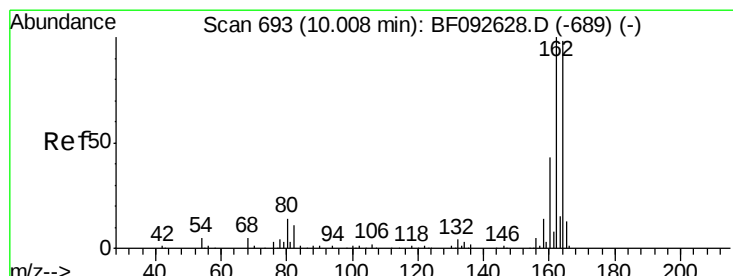
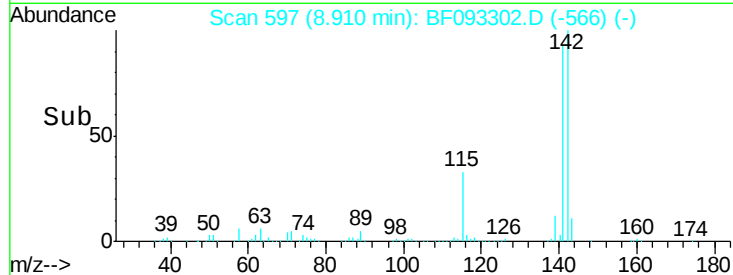
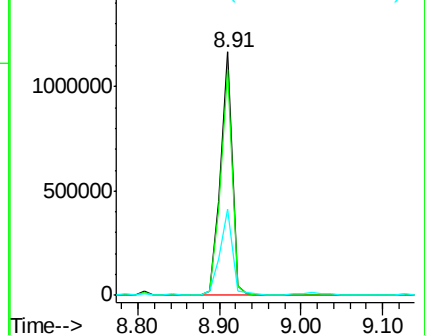
#37
2-Methylnaphthalene
Concen: 61.37 ng
RT: 8.91 min Scan# 597
Delta R.T. 0.06 min
Lab File: BF093302.D
Acq: 1 Mar 2017 21:12

Instrument :
BNA_F
ClientSampleId :
20170228-01

Tgt Ion:142 Resp: 1167284
Ion Ratio Lower Upper
142 100
141 92.8 71.0 106.6
115 35.5 28.3 42.5

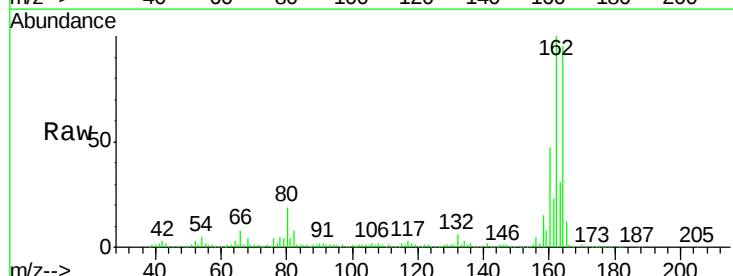


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

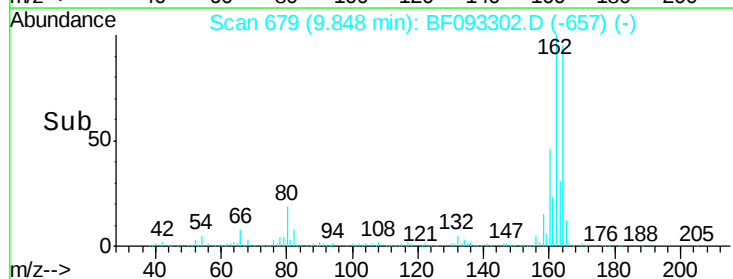
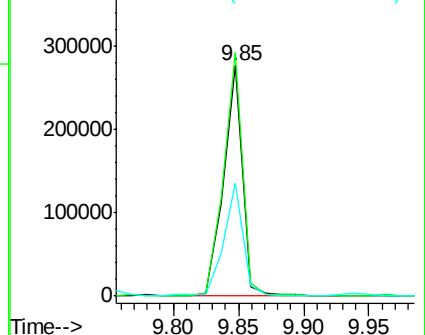


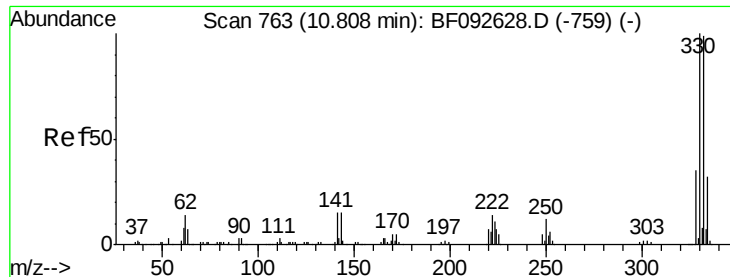
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.05 min
Lab File: BF093302.D
Acq: 1 Mar 2017 21:12

Tgt Ion:164 Resp: 282526
Ion Ratio Lower Upper
164 100
162 105.6 80.2 120.2
160 49.1 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

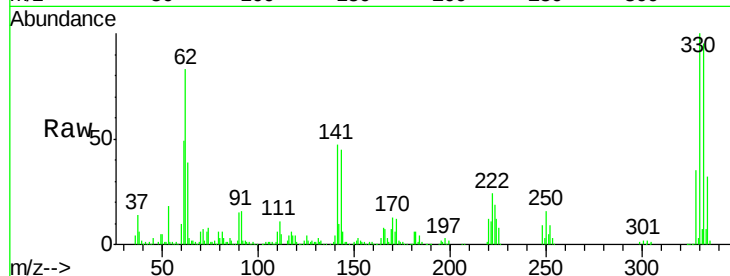




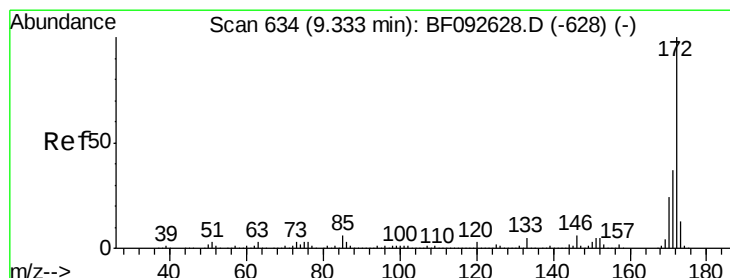
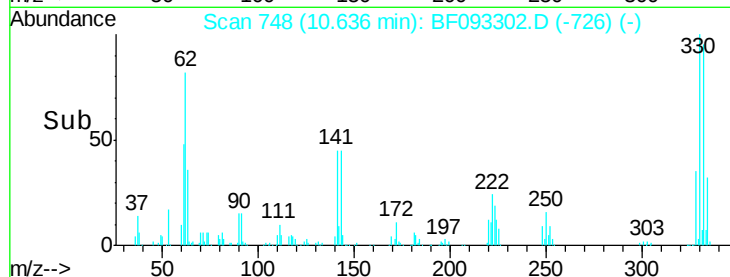
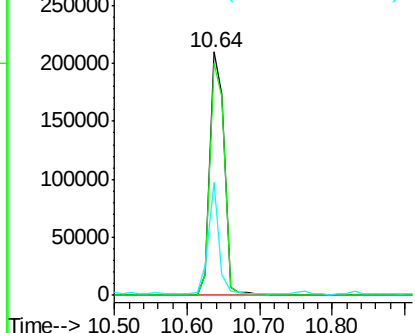
#41
 2,4,6-Tribromophenol
 Concen: 141.07 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.05 min
 Lab File: BF093302.D
 Acq: 1 Mar 2017 21:12

Instrument :
 BNA_F
 ClientSampled :
 20170228-01

Tgt Ion:330 Resp: 288271
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.4 116.2
 141 34.6 34.1 51.1

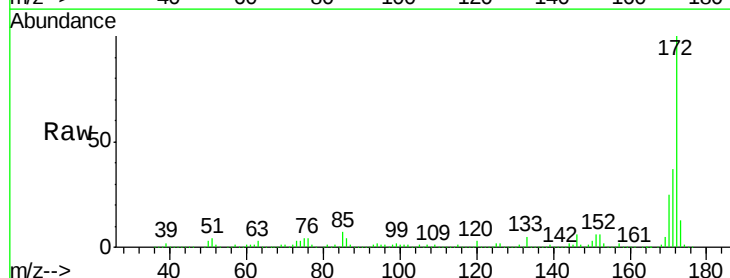


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

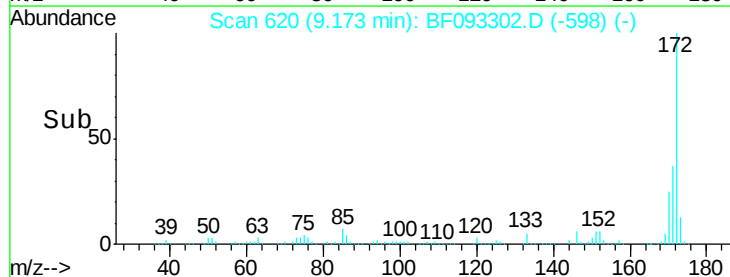
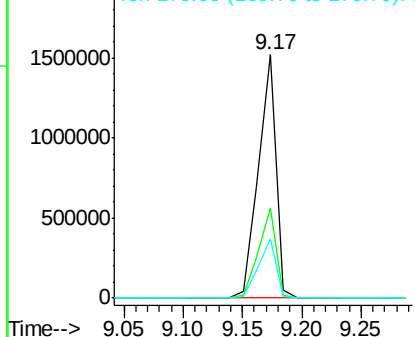


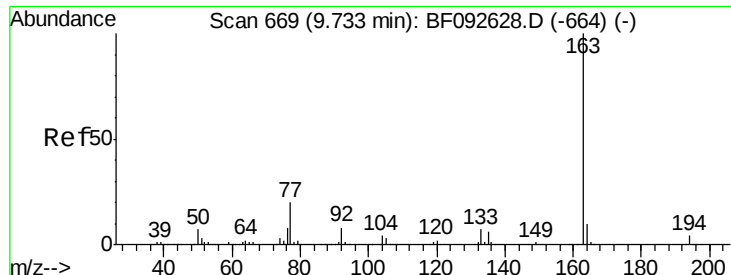
#44
 2-Fluorobiphenyl
 Concen: 101.82 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF093302.D
 Acq: 1 Mar 2017 21:12

Tgt Ion:172 Resp: 1587904
 Ion Ratio Lower Upper
 172 100
 171 36.7 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

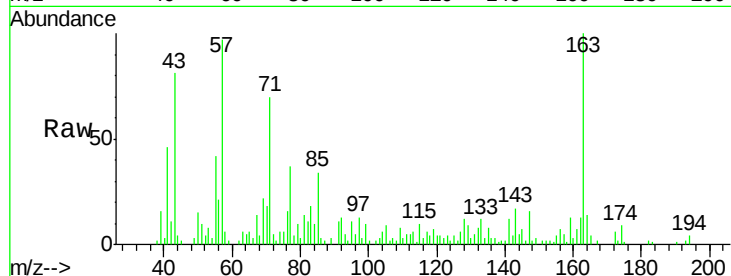




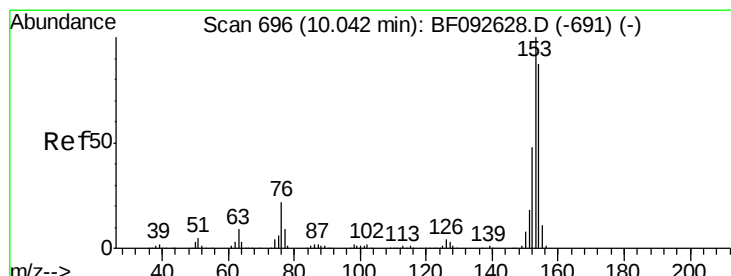
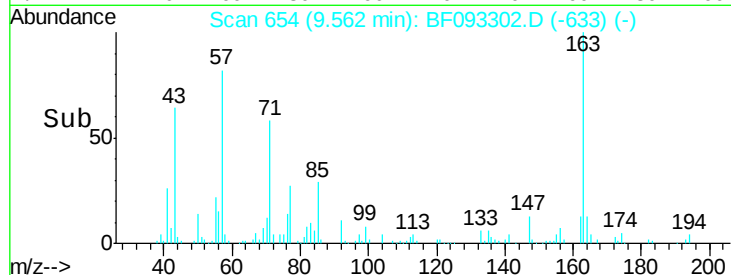
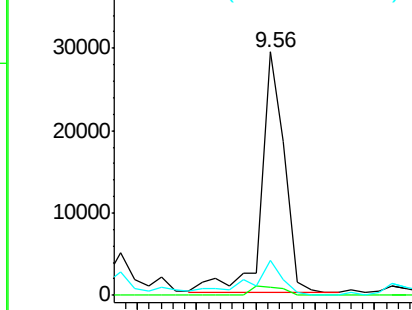
#49
Dimethylphthalate
Concen: 2.09 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.06 min
Lab File: BF093302.D
Acq: 1 Mar 2017 21:12

Instrument :
BNA_F
ClientSampleId :
20170228-01

Tgt Ion:163 Resp: 39725
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.4
164 14.2 8.0 12.0#

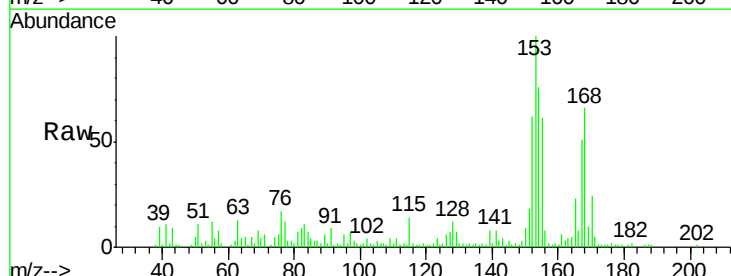


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

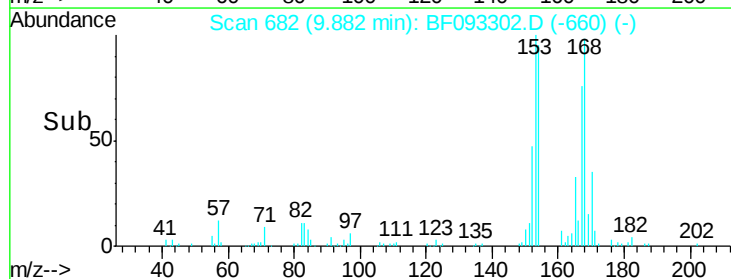
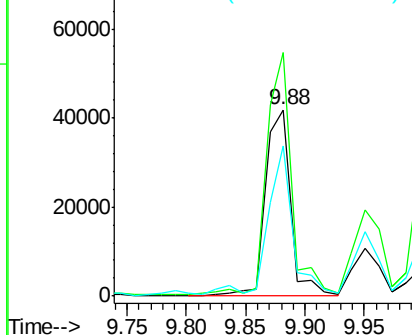


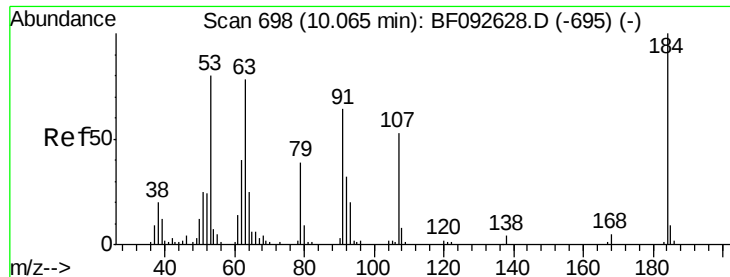
#51
Acenaphthene
Concen: 3.76 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.05 min
Lab File: BF093302.D
Acq: 1 Mar 2017 21:12

Tgt Ion:154 Resp: 62090
Ion Ratio Lower Upper
154 100
153 130.7 88.6 133.0
152 80.7 41.6 62.4#



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

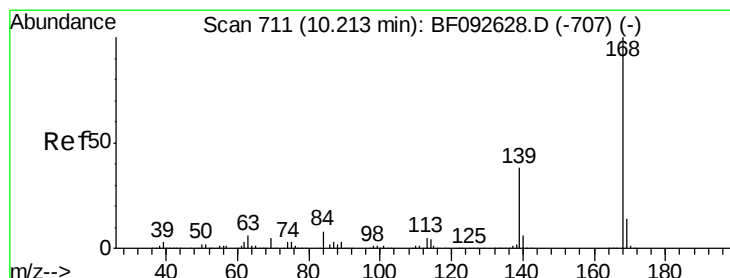
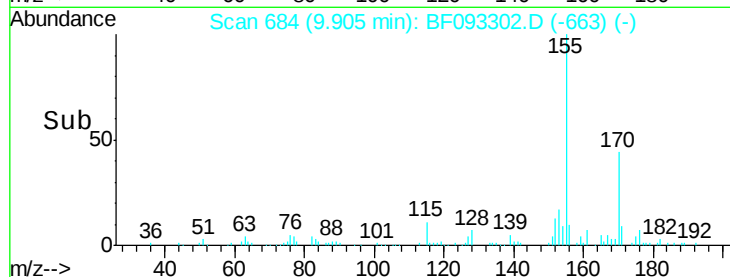
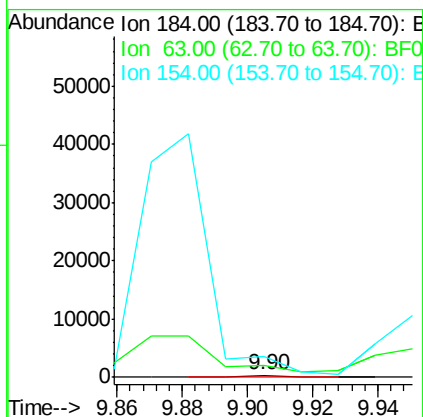
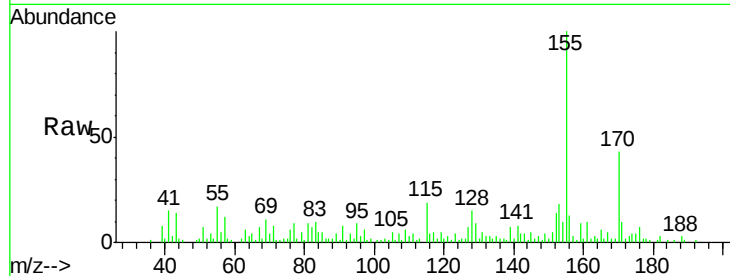




#53
2,4-Dinitrophenol
Concen: 4.85 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.06 min
Lab File: BF093302.D
Acq: 1 Mar 2017 21:12

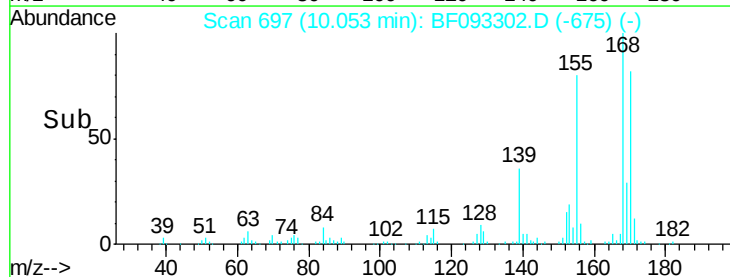
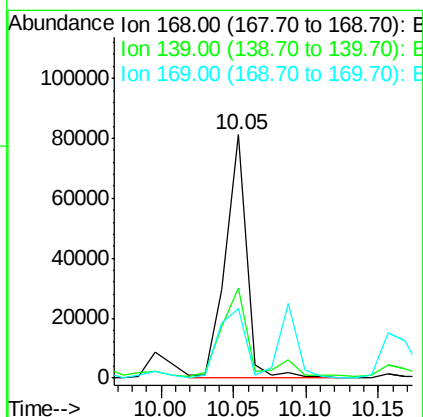
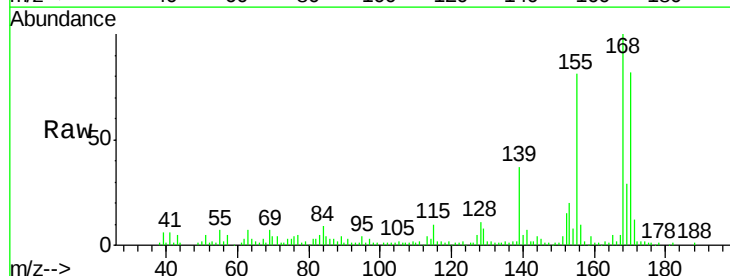
Instrument :
BNA_F
ClientSampleId :
20170228-01

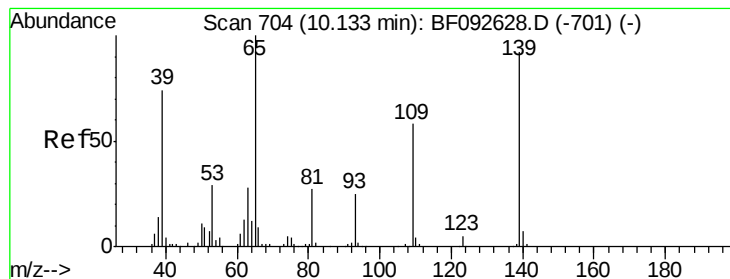
Tgt Ion:184 Resp: 258
Ion Ratio Lower Upper
184 100
63 523.9 28.4 42.6#
154 930.1 44.3 66.5#



#54
Dibenzofuran
Concen: 3.74 ng
RT: 10.05 min Scan# 697
Delta R.T. -0.05 min
Lab File: BF093302.D
Acq: 1 Mar 2017 21:12

Tgt Ion:168 Resp: 82679
Ion Ratio Lower Upper
168 100
139 36.8 32.6 49.0
169 28.8 11.3 16.9#





#55

4-Nitrophenol

Concen: 3.73 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.07 min

Lab File: BF093302.D

Acq: 1 Mar 2017 21:12

Instrument :

BNA_F

ClientSampleId :

20170228-01

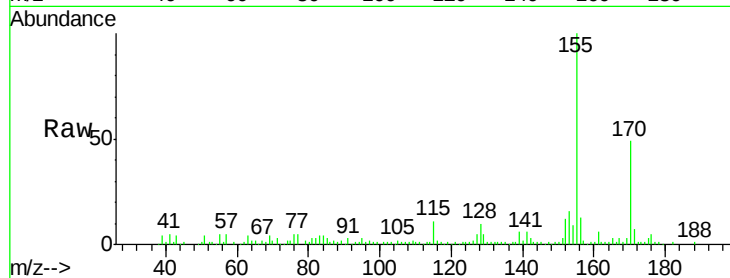
Tgt Ion:139 Resp: 12620

Ion Ratio Lower Upper

139 100

109 30.8 52.2 92.2#

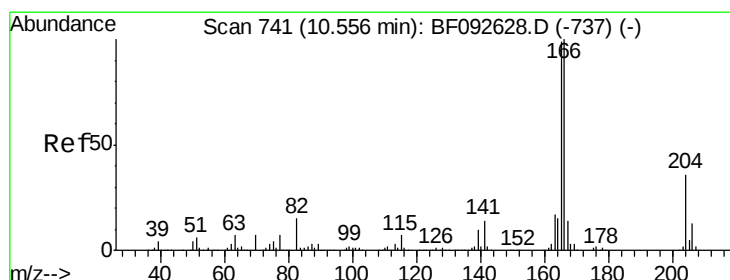
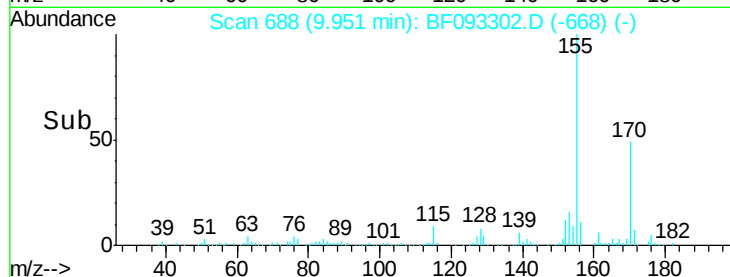
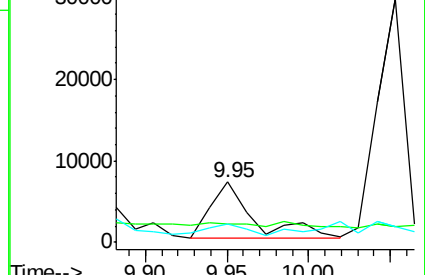
65 29.7 85.8 125.8#



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: 5.61 ng

RT: 10.40 min Scan# 727

Delta R.T. -0.05 min

Lab File: BF093302.D

Acq: 1 Mar 2017 21:12

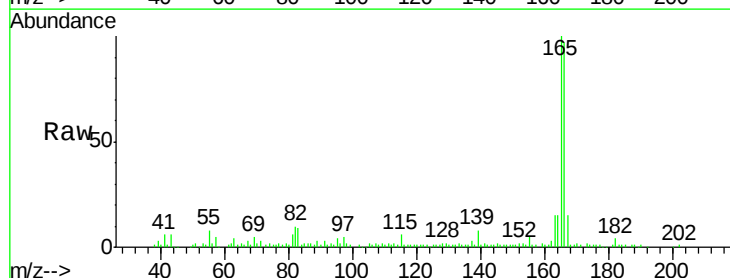
Tgt Ion:166 Resp: 95358

Ion Ratio Lower Upper

166 100

165 102.8 77.8 116.8

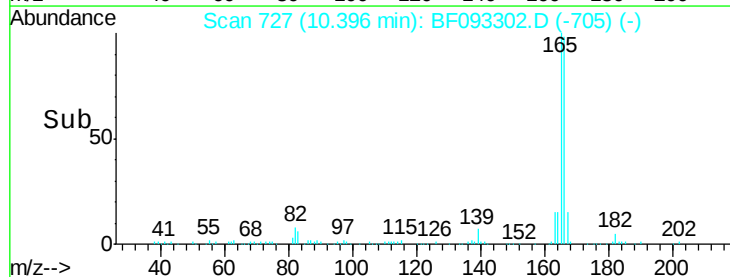
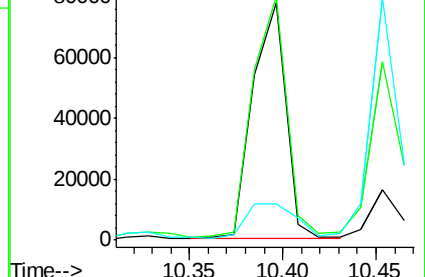
167 15.4 10.8 16.2

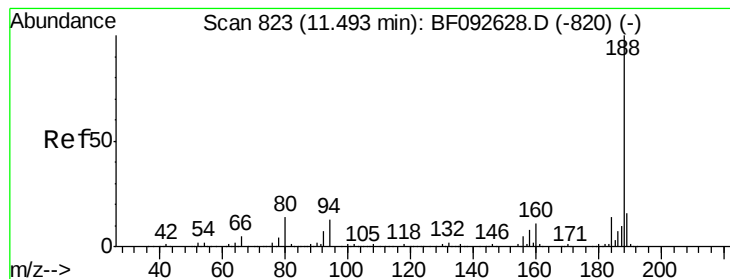


Abundance Ion 166.00 (165.70 to 166.70): E

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: BF093302.D

Acq: 1 Mar 2017 21:12

Instrument :

BNA_F

ClientSampleId :

20170228-01

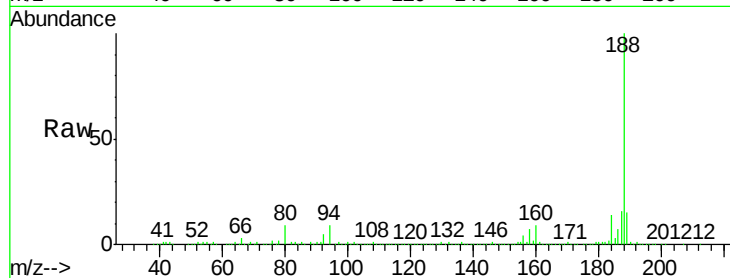
Tgt Ion:188 Resp: 494012

Ion Ratio Lower Upper

188 100

94 8.5 10.0 15.0#

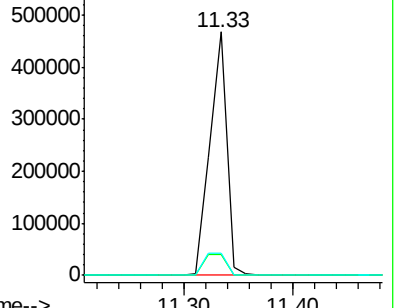
80 8.9 11.2 16.8#



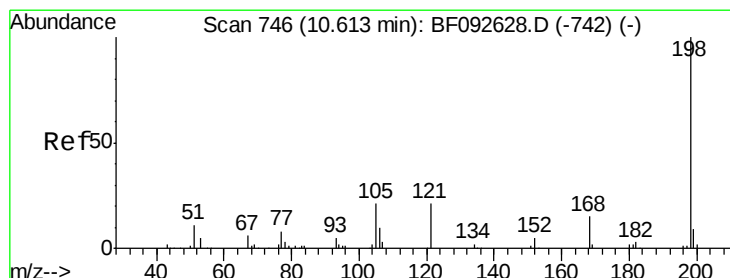
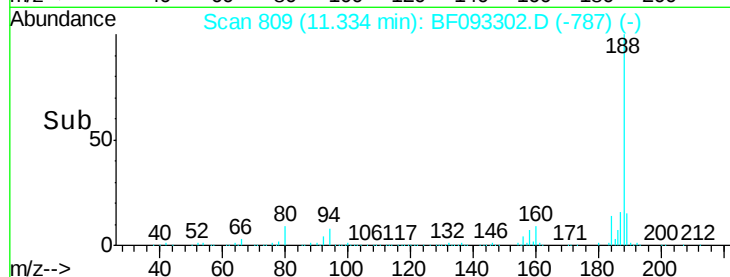
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 2.86 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.03 min

Lab File: BF093302.D

Acq: 1 Mar 2017 21:12

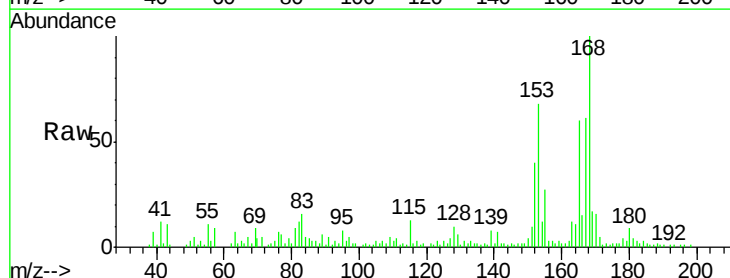
Tgt Ion:198 Resp: 598

Ion Ratio Lower Upper

198 100

51 476.9 6.7 46.7#

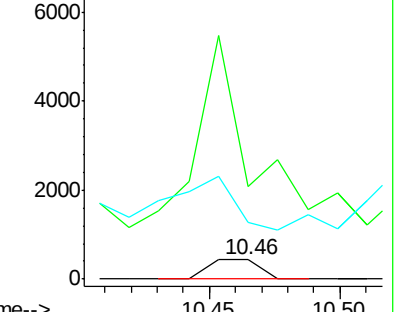
105 288.8 16.6 56.6#



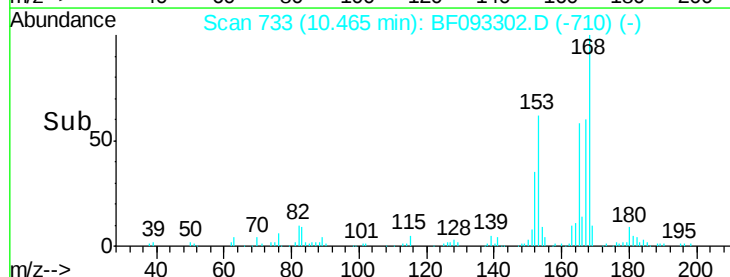
Abundance Ion 198.00 (197.70 to 198.70): E

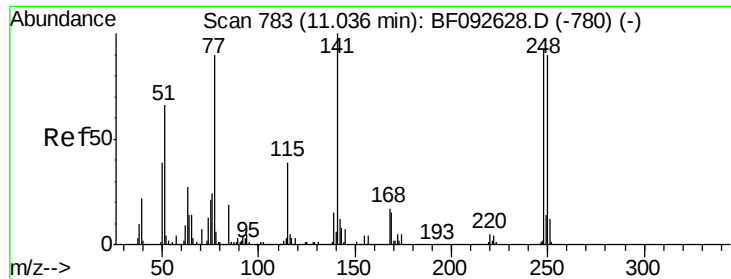
Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



Time-->

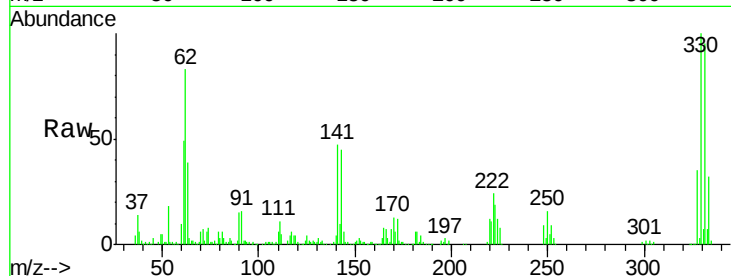




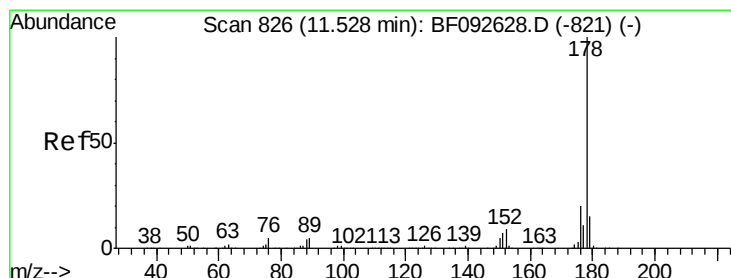
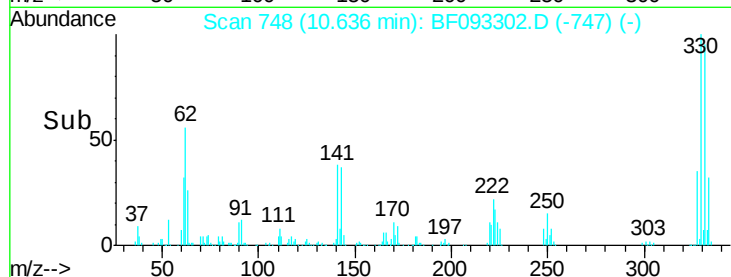
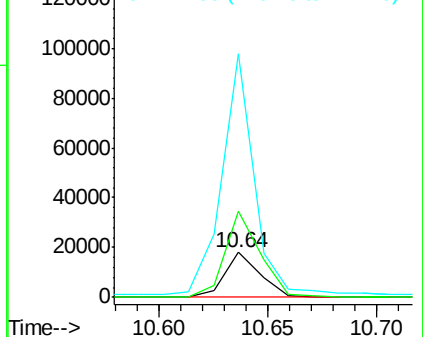
#66
 4-Bromophenyl-phenylether
 Concen: 3.87 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.29 min
 Lab File: BF093302.D
 Acq: 1 Mar 2017 21:12

Instrument :
 BNA_F
 ClientSampleId :
 20170228-01

Tgt Ion: 248 Resp: 19949
 Ion Ratio Lower Upper
 248 100
 250 190.3 76.9 115.3#
 141 541.0 68.2 102.4#

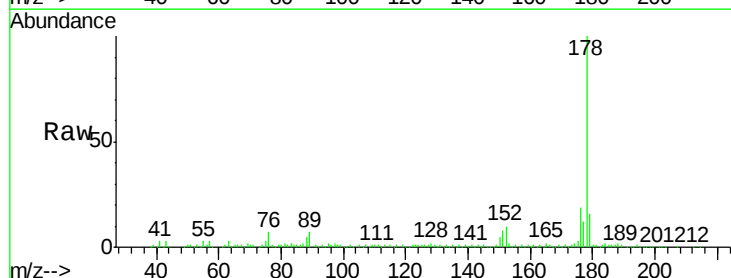


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

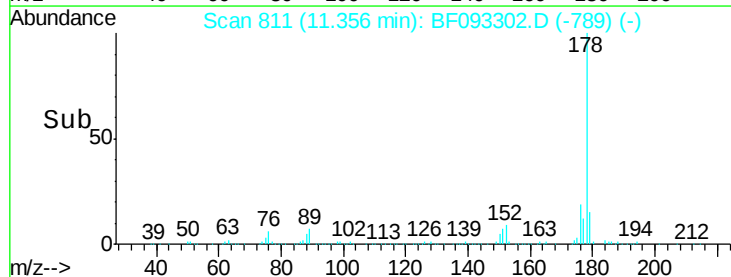
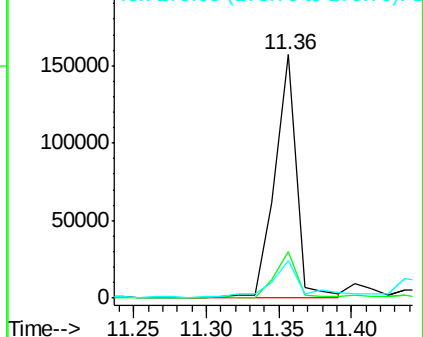


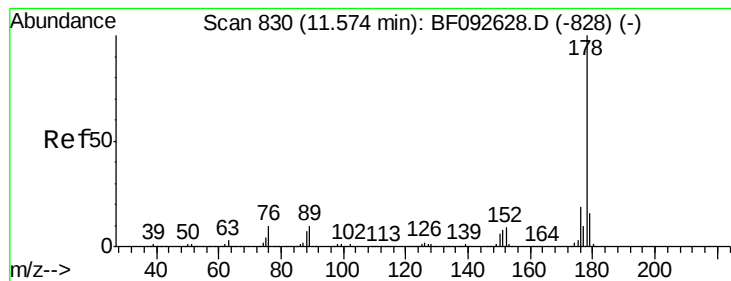
#70
 Phenanthrene
 Concen: 5.65 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.05 min
 Lab File: BF093302.D
 Acq: 1 Mar 2017 21:12

Tgt Ion: 178 Resp: 159996
 Ion Ratio Lower Upper
 178 100
 176 19.2 16.6 25.0
 179 15.6 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 5.63 ng

RT: 11.36 min Scan# 811

Delta R.T. -0.10 min

Lab File: BF093302.D

Acq: 1 Mar 2017 21:12

Instrument :

BNA_F

ClientSampleId :

20170228-01

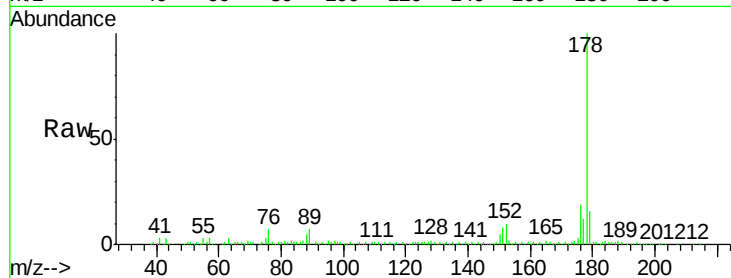
Tgt Ion:178 Resp: 159996

Ion Ratio Lower Upper

178 100

176 19.2 15.9 23.9

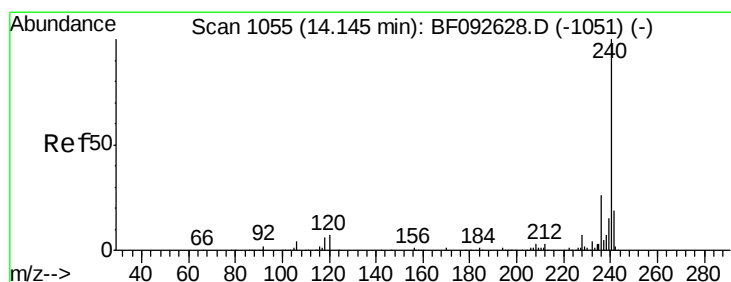
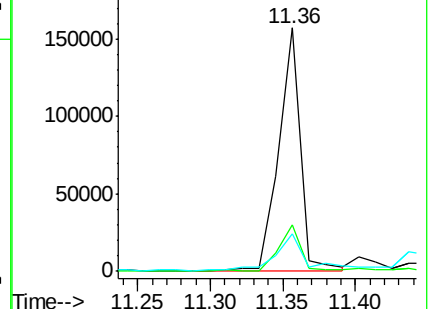
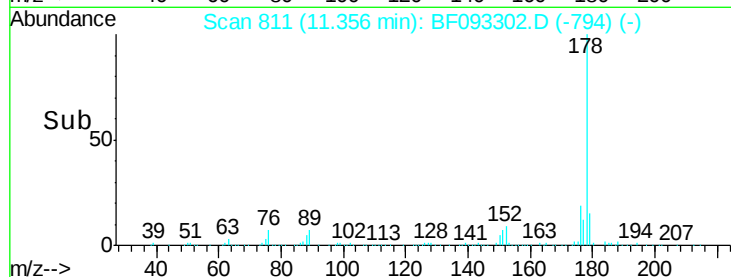
179 15.6 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.05 min

Lab File: BF093302.D

Acq: 1 Mar 2017 21:12

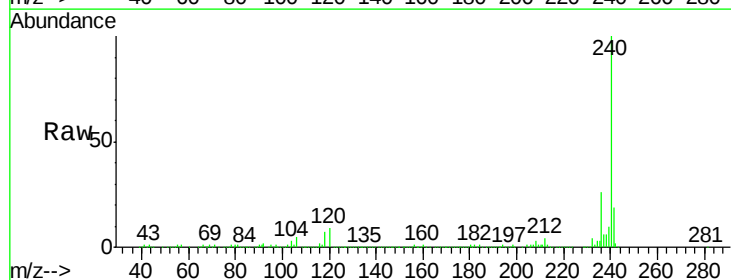
Tgt Ion:240 Resp: 388030

Ion Ratio Lower Upper

240 100

120 8.6 12.9 19.3#

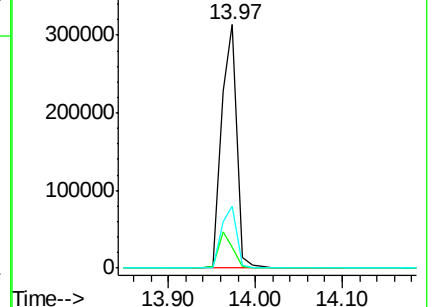
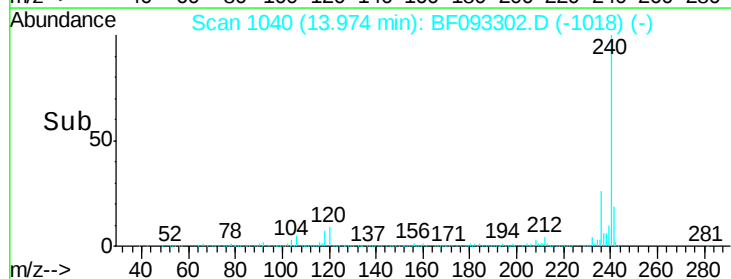
236 25.6 20.9 31.3

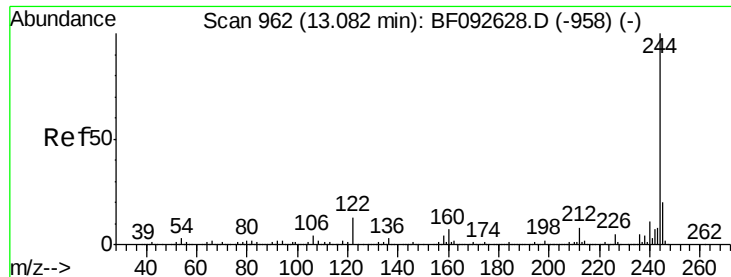


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

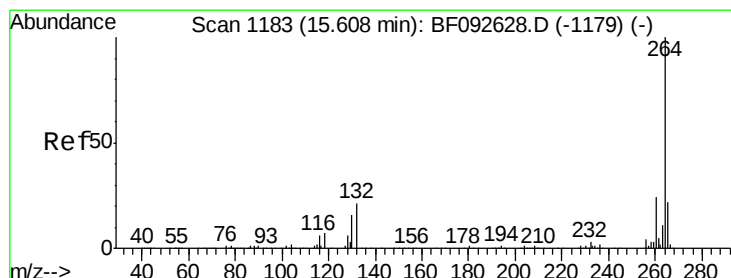
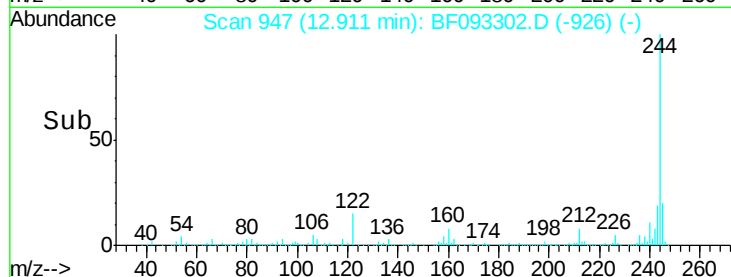
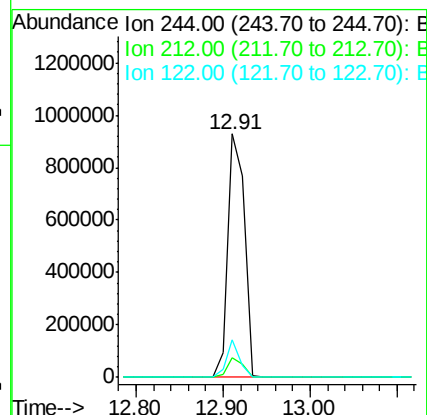
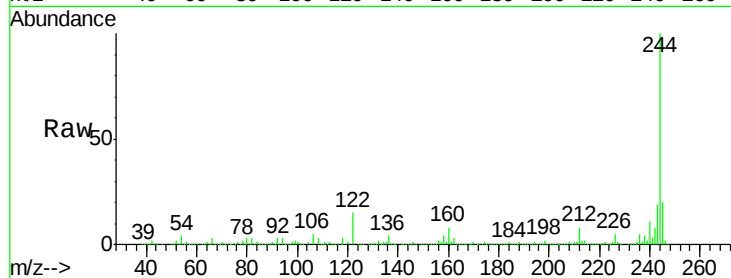




#78
 Terphenyl-d14
 Concen: 75.13 ng
 RT: 12.91 min Scan# 947
 Delta R.T. -0.06 min
 Lab File: BF093302.D
 Acq: 1 Mar 2017 21:12

Instrument :
 BNA_F
 ClientSampleId :
 20170228-01

Tgt Ion:244 Resp: 1240713
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.2
 122 15.4 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.39 min Scan# 1164
 Delta R.T. -0.06 min
 Lab File: BF093302.D
 Acq: 1 Mar 2017 21:12

Tgt Ion:264 Resp: 275387
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.2 28.8
 265 21.3 17.4 26.0

