

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 00:58:46 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

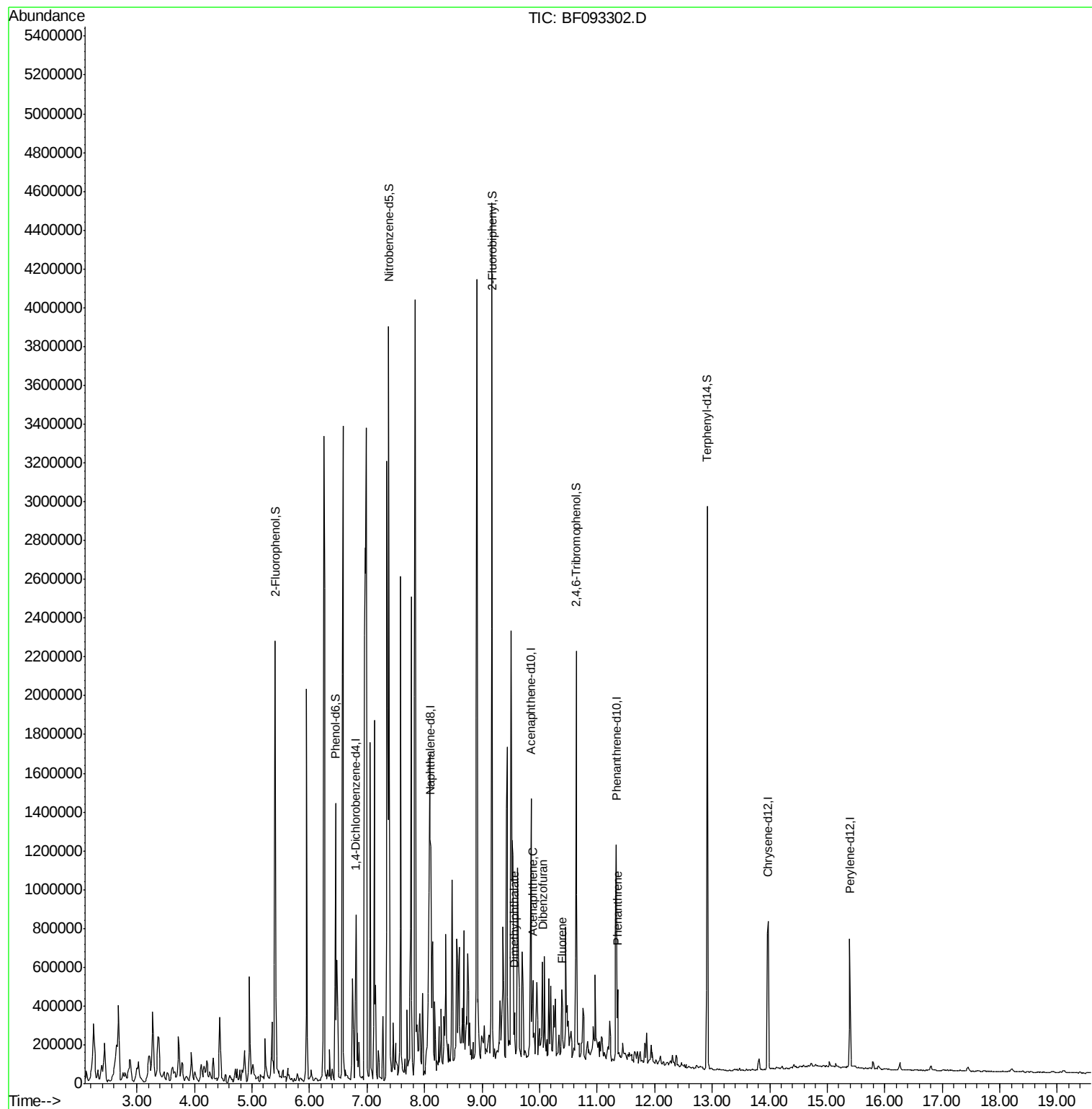
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	144290	20.00	ng	-0.05
21) Naphthalene-d8	8.10	136	584409	20.00	ng	-0.05
38) Acenaphthene-d10	9.85	164	282526	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	494012	20.00	ng	-0.05
75) Chrysene-d12	13.97	240	388030	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						
49) Dimethylphthalate	9.56	163	39725	2.09	ng	# 92
51) Acenaphthene	9.88	154	62090	3.76	ng	# 74
54) Dibenzofuran	10.05	168	82679	3.74	ng	# 86
57) Fluorene	10.40	166	95358	5.61	ng	94
70) Phenanthrene	11.36	178	159996	5.65	ng	98

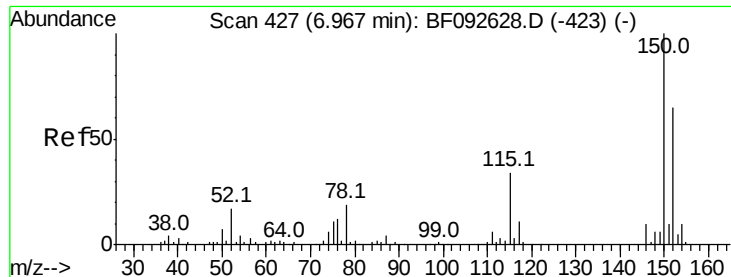
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF093302.D

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20170228-01

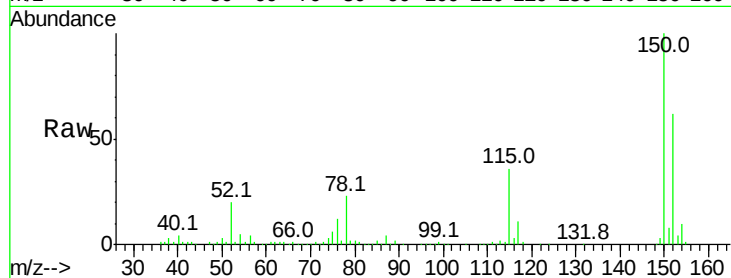
Tot Ion:152 Resp: 144290

Ion Ratio Lower Upper

152 100

150 161.9 124.9 187.3

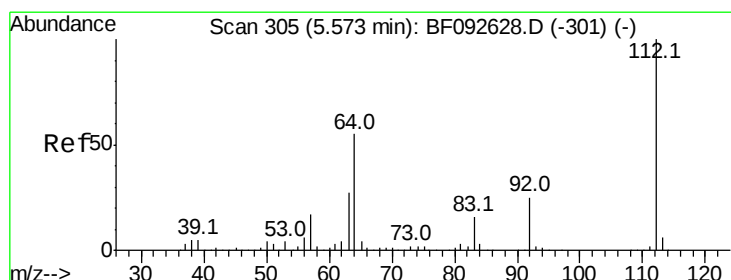
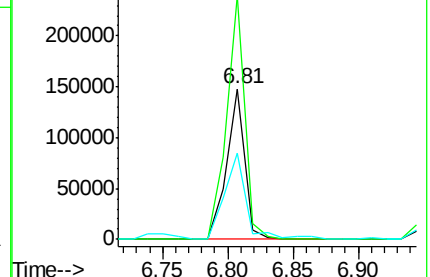
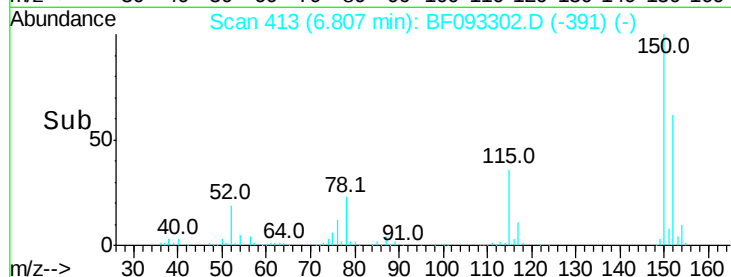
115 57.6 46.0 69.0



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: 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

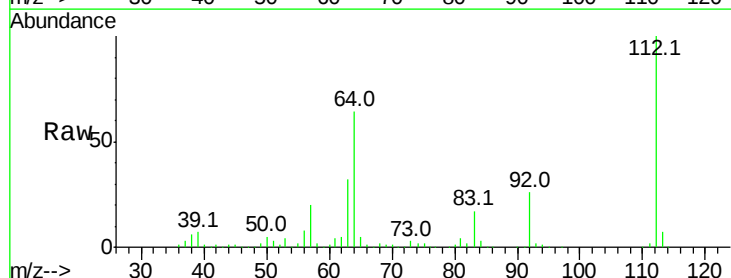
Tgt Ion:112 Resp: 672281

Ion Ratio Lower Upper

112 100

64 63.5 46.1 69.1

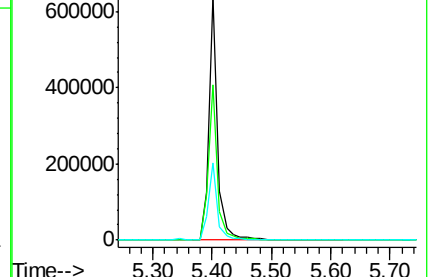
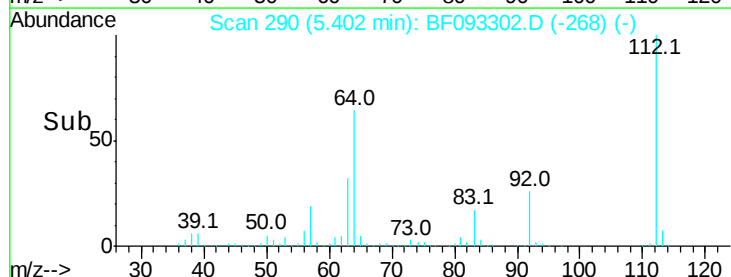
63 31.8 23.8 35.6

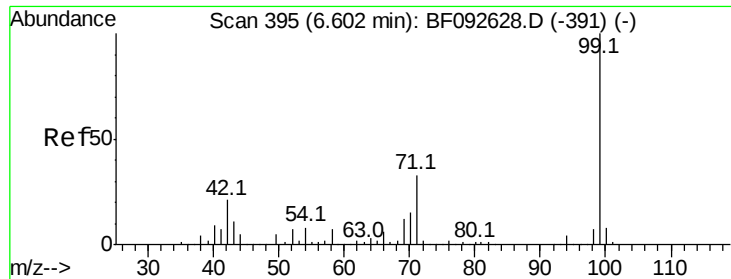


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 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

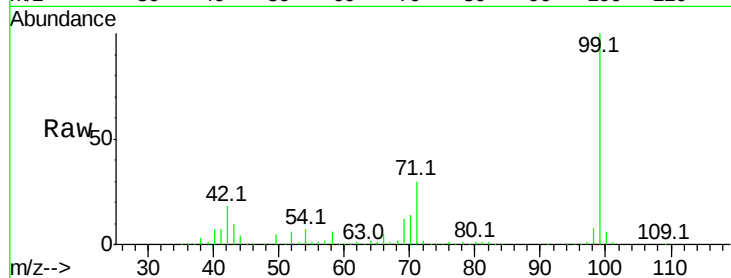
Tot Ion: 99 Resp: 556025

Ion Ratio Lower Upper

99 100

42 18.4 15.6 23.4

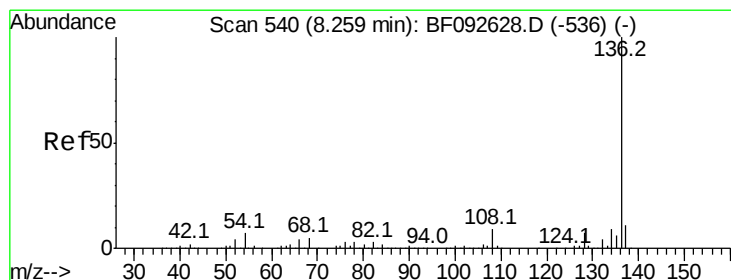
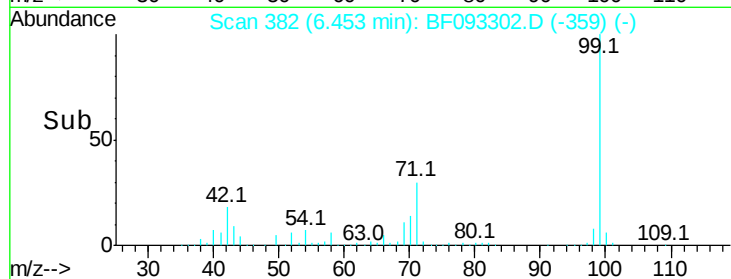
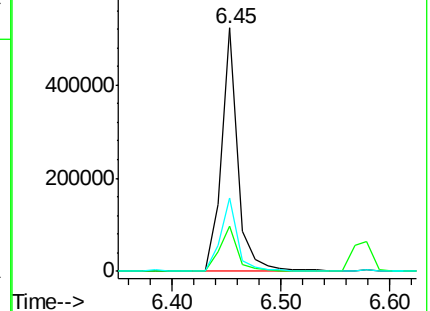
71 30.2 27.5 41.3



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



#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

Tgt Ion: 136 Resp: 584409

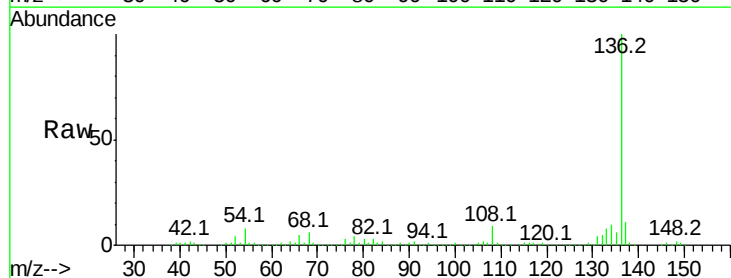
Ion Ratio Lower Upper

136 100

137 10.6 8.4 12.6

54 7.9 4.5 6.7#

68 6.1 3.6 5.4#

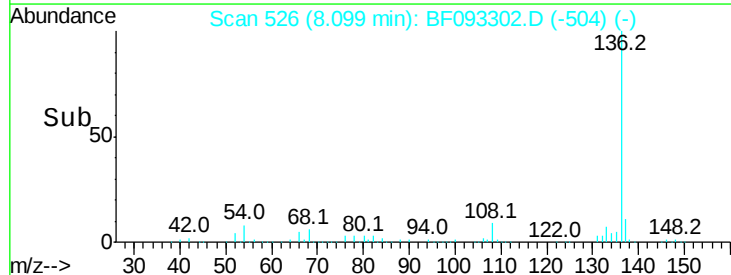
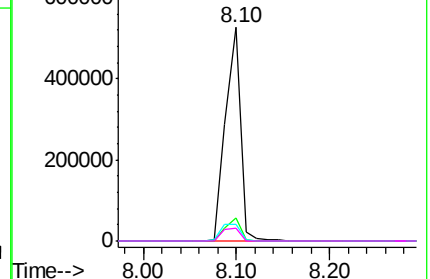


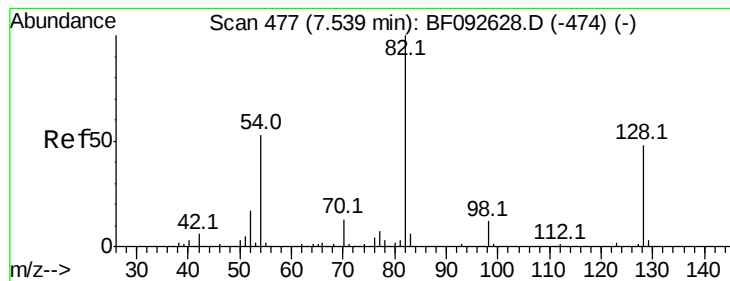
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#23

Nitrobenzene-d5

Concen: 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

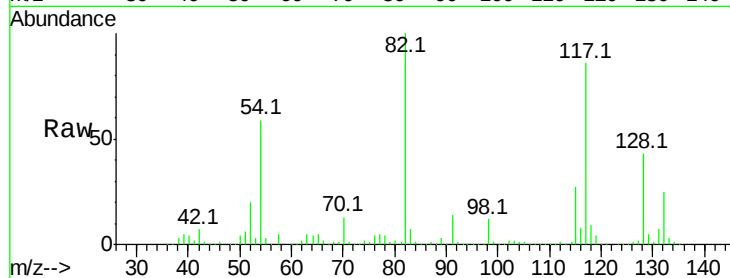
Tot Ion: 82 Resp: 852396

Ion Ratio Lower Upper

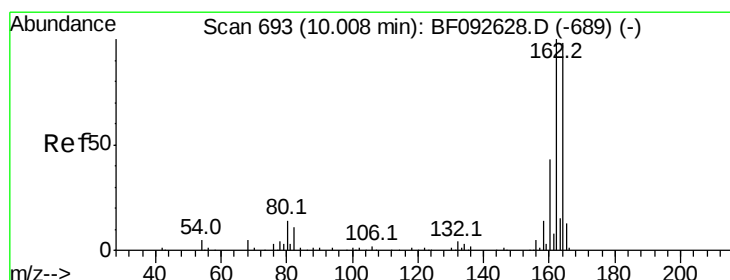
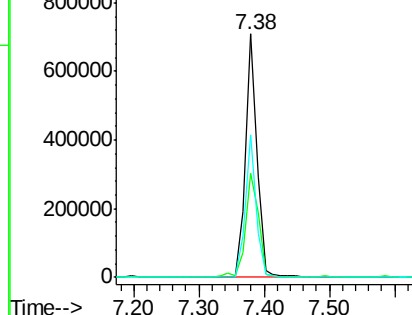
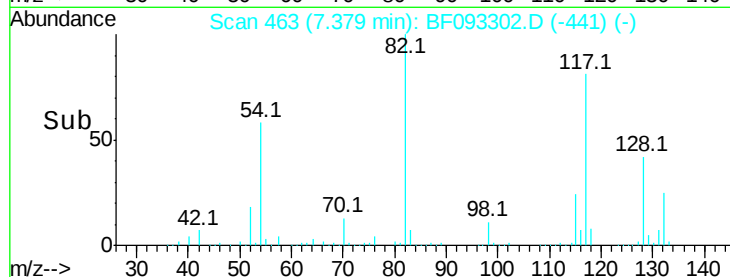
82 100

128 42.5 34.6 52.0

54 58.6 39.5 59.3



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



#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

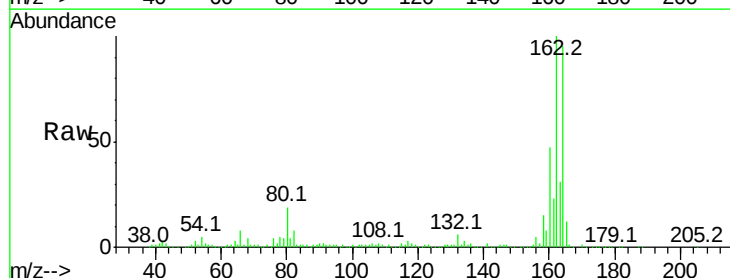
Tgt Ion:164 Resp: 282526

Ion Ratio Lower Upper

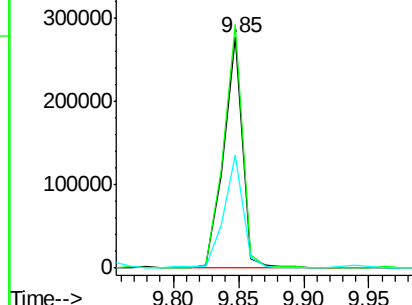
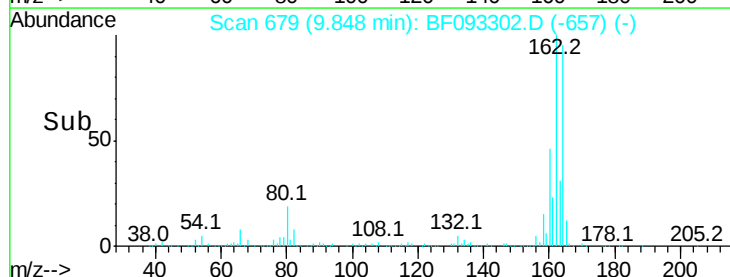
164 100

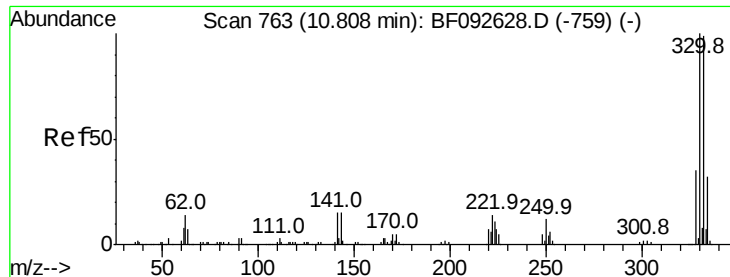
162 105.6 80.2 120.2

160 49.1 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): B
Ion 162.00 (161.70 to 162.70): B
Ion 160.00 (159.70 to 160.70): B

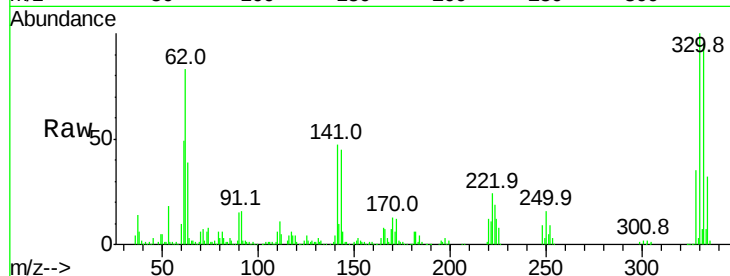




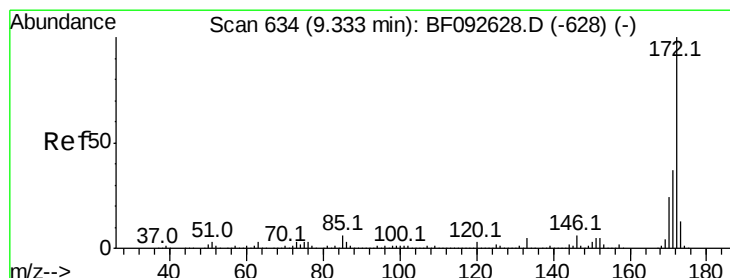
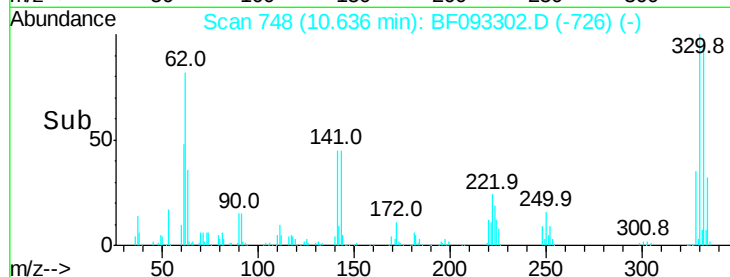
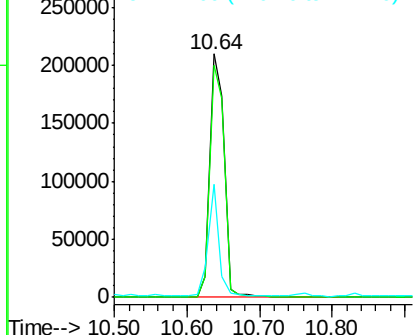
#41
 2,4,6-Tribromophenol
 Concen: 141.07 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.05 min
 Lab File: BF093302.D
 Acq: 1 Mar 2017 21:12

Instrument :
 BNA_F
 ClientSampleId :
 20170228-01

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

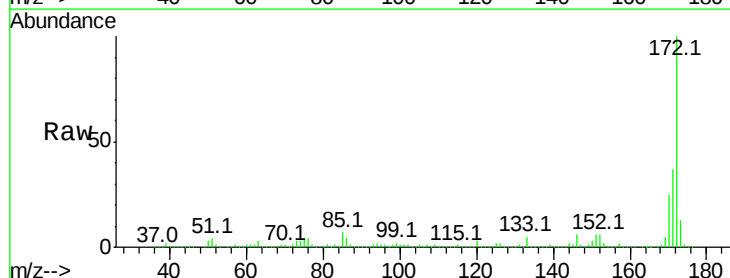


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

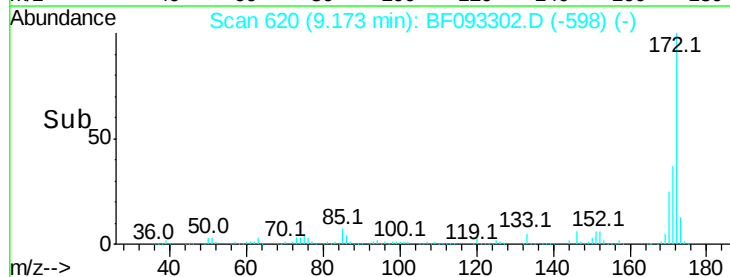
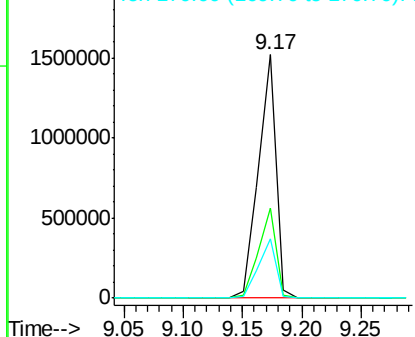


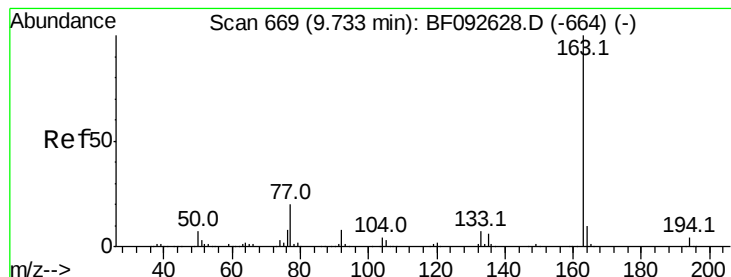
#44
 2-Fluorobiphenyl
 Concen: 101.82 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF093302.D
 Acq: 1 Mar 2017 21:12

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

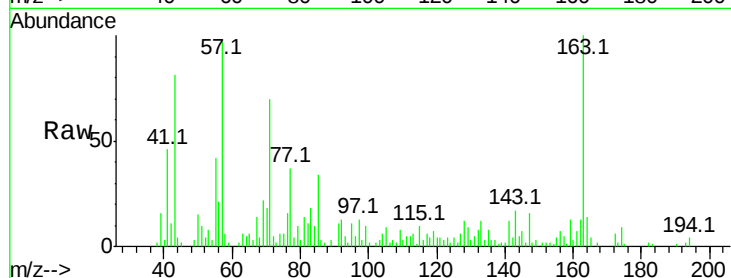
Tot Ion:163 Resp: 39725

Ion Ratio Lower Upper

163 100

194 3.5 3.0 4.4

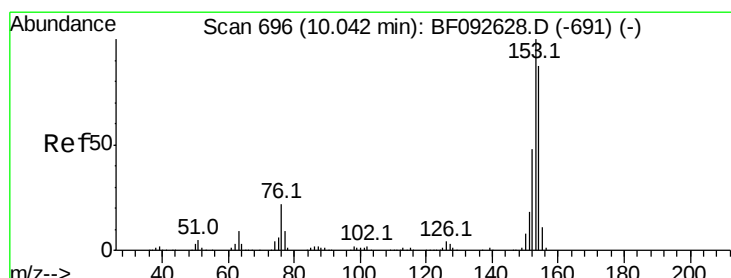
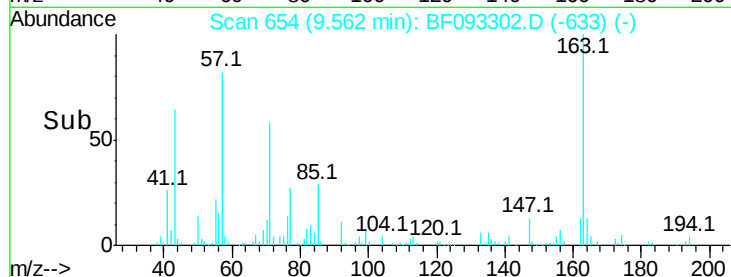
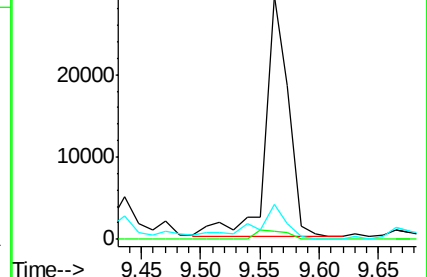
164 14.2 8.0 12.0#



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

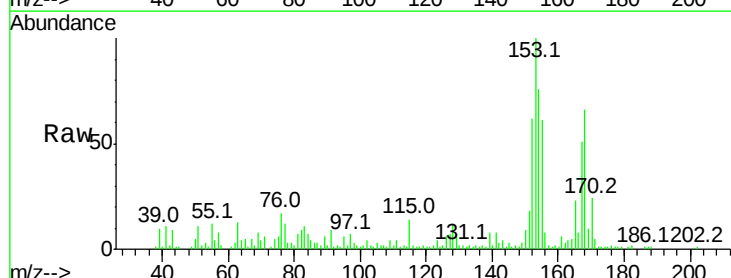
Tgt Ion:154 Resp: 62090

Ion Ratio Lower Upper

154 100

153 130.7 88.6 133.0

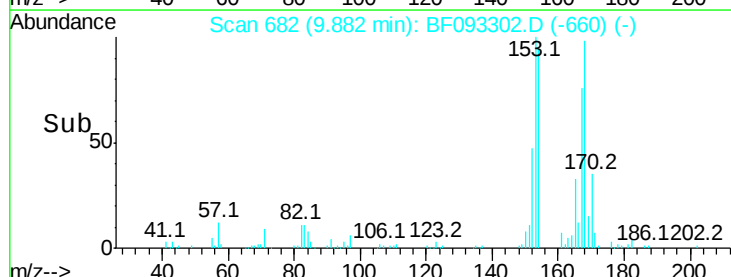
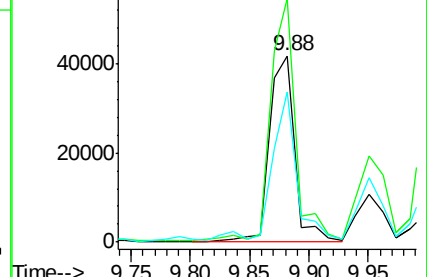
152 80.7 41.6 62.4#

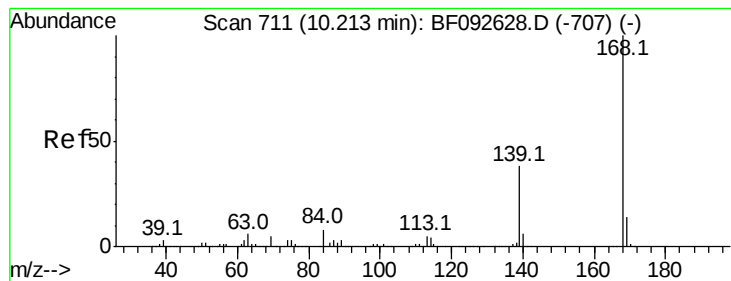


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#54

Dibenzenofuran

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

Instrument :

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ClientSampleId :

20170228-01

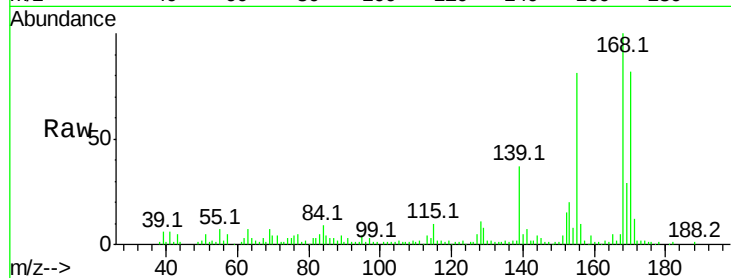
Tot Ion:168 Resp: 82679

Ion Ratio Lower Upper

168 100

139 36.8 32.6 49.0

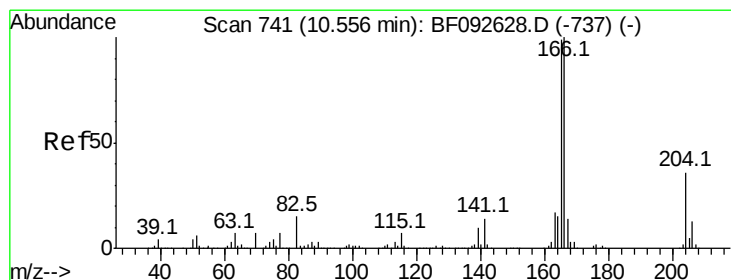
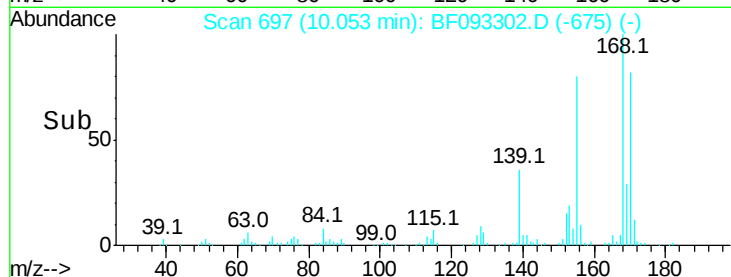
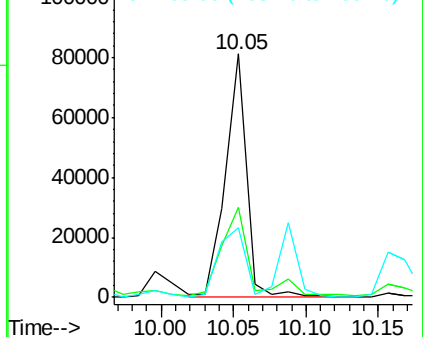
169 28.8 11.3 16.9#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#57

Fluorene

Concen: 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

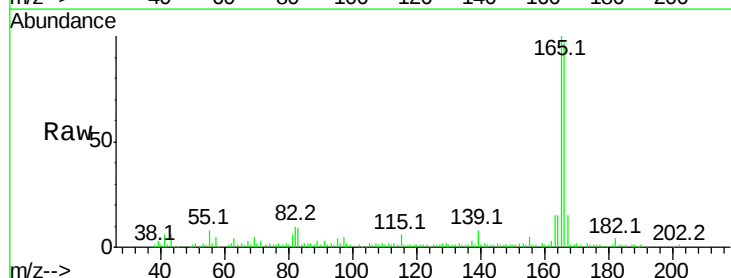
Tgt Ion:166 Resp: 95358

Ion Ratio Lower Upper

166 100

165 102.8 77.8 116.8

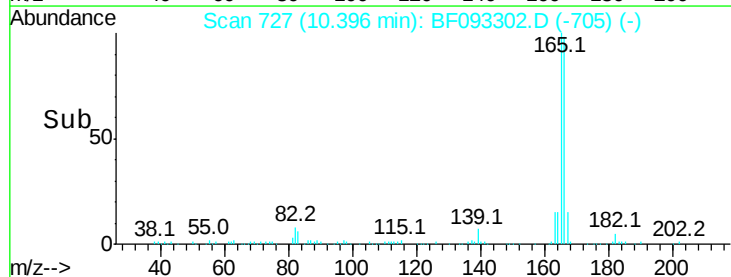
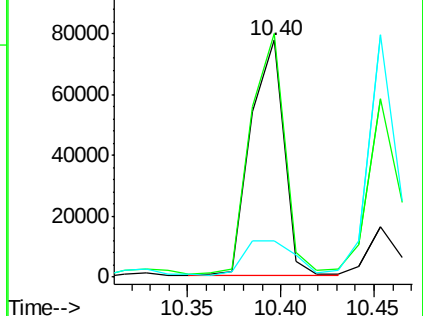
167 15.4 10.8 16.2

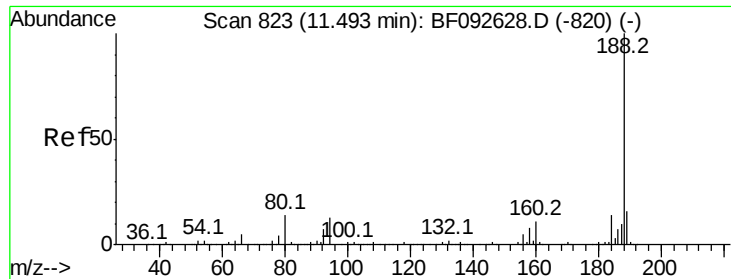


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

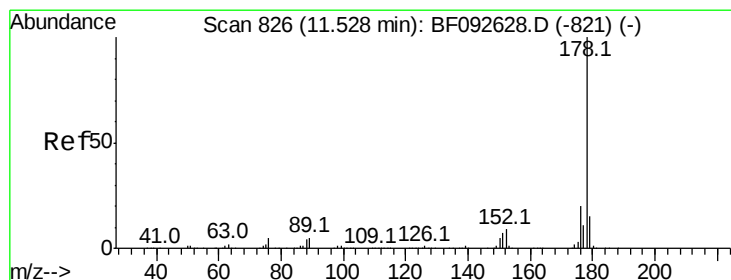
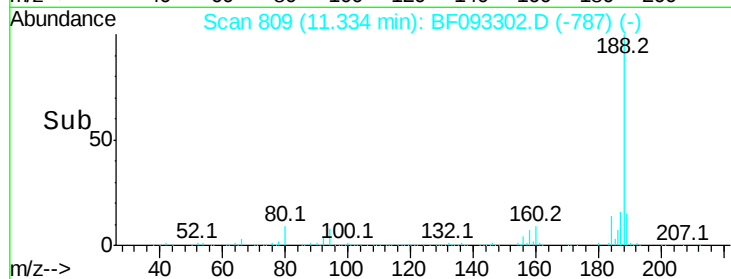
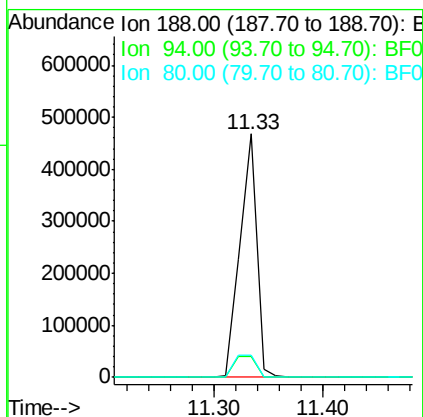
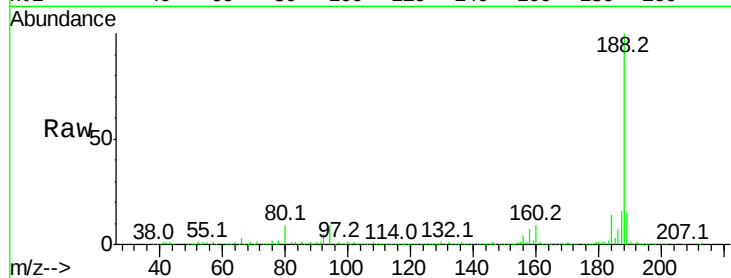




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.05 min
Lab File: BF093302.D
Acq: 1 Mar 2017 21:12

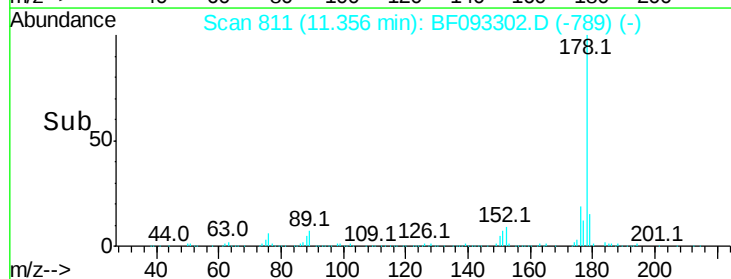
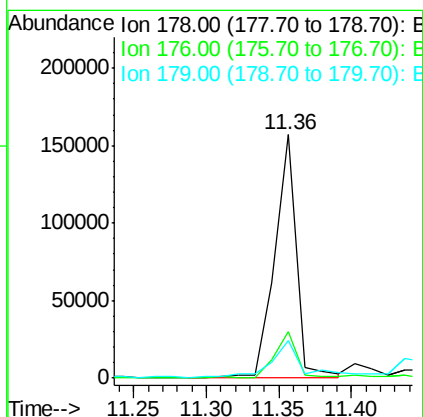
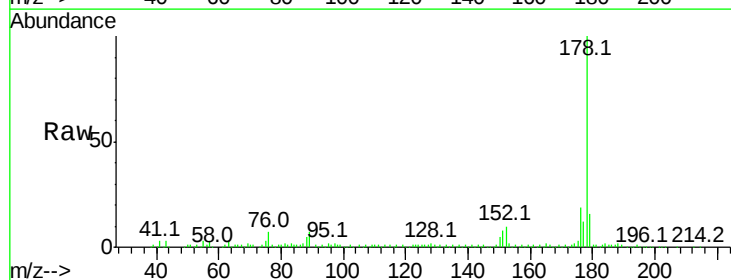
Instrument :
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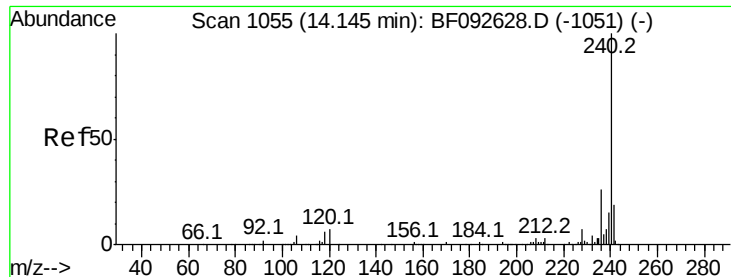
Tot Ion:188 Resp: 494012
Ion Ratio Lower Upper
188 100
94 8.5 10.0 15.0#
80 8.9 11.2 16.8#



#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





#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

Instrument :

BNA_F

ClientSampleId :

20170228-01

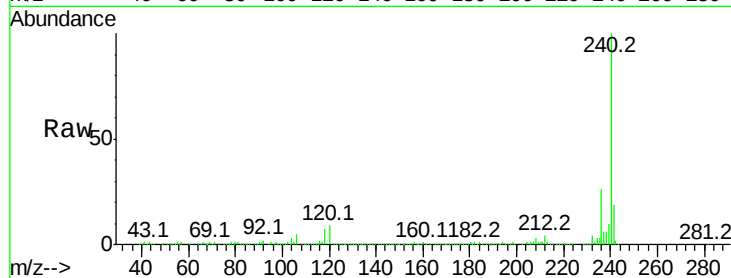
Tot Ion:240 Resp: 388030

Ion Ratio Lower Upper

240 100

120 8.6 12.9 19.3#

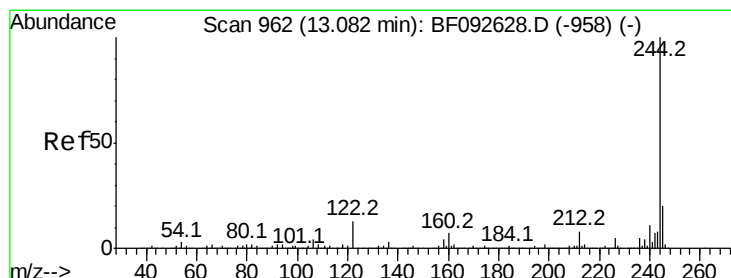
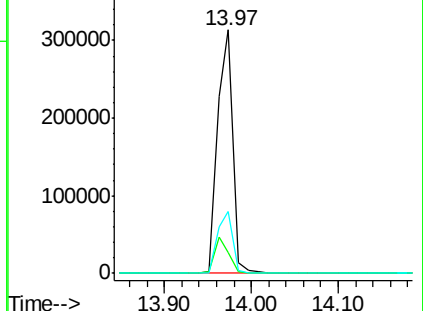
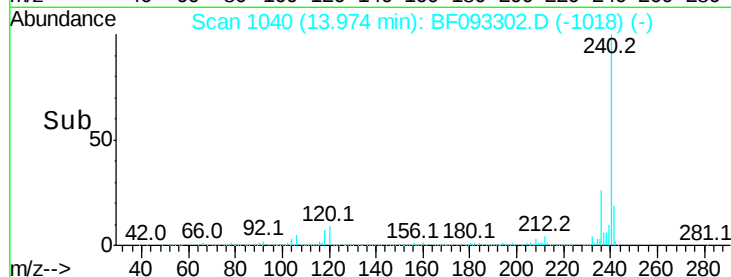
236 25.6 20.9 31.3



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

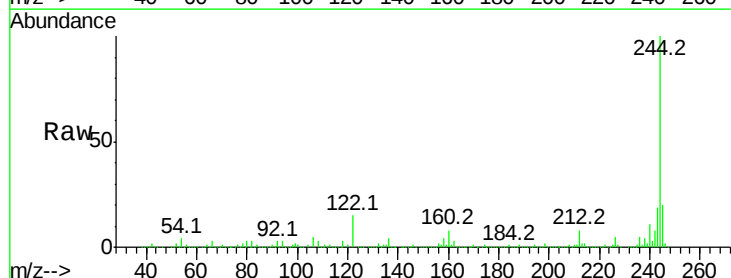
Tgt Ion:244 Resp: 1240713

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

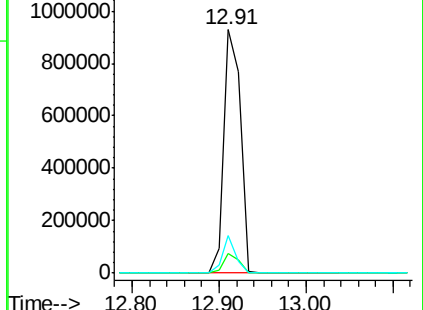
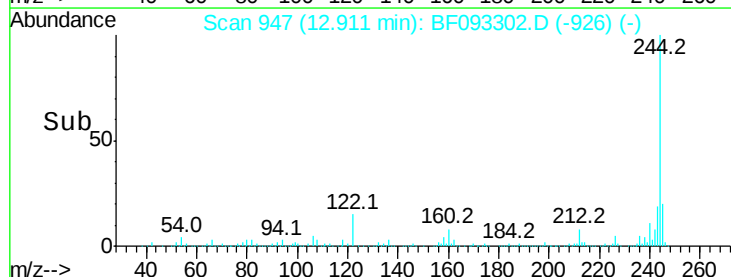
122 15.4 11.4 17.2

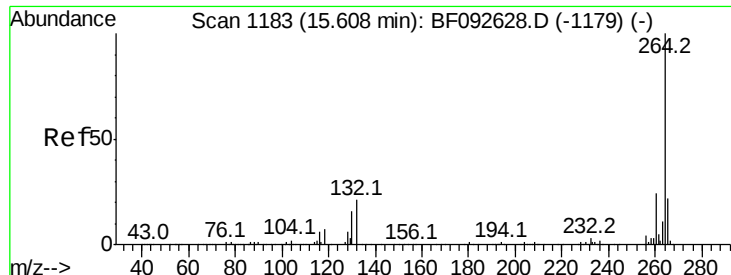


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-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

Instrument :
BNA_F
ClientSampleId :
20170228-01

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

