

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022017\
 Data File : BF093071.D
 Acq On : 21 Feb 2017 12:41
 Operator : SJ/MA
 Sample : I1906-02
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 021617-PRRT-E-U-M

Quant Time: Feb 21 13:47:58 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

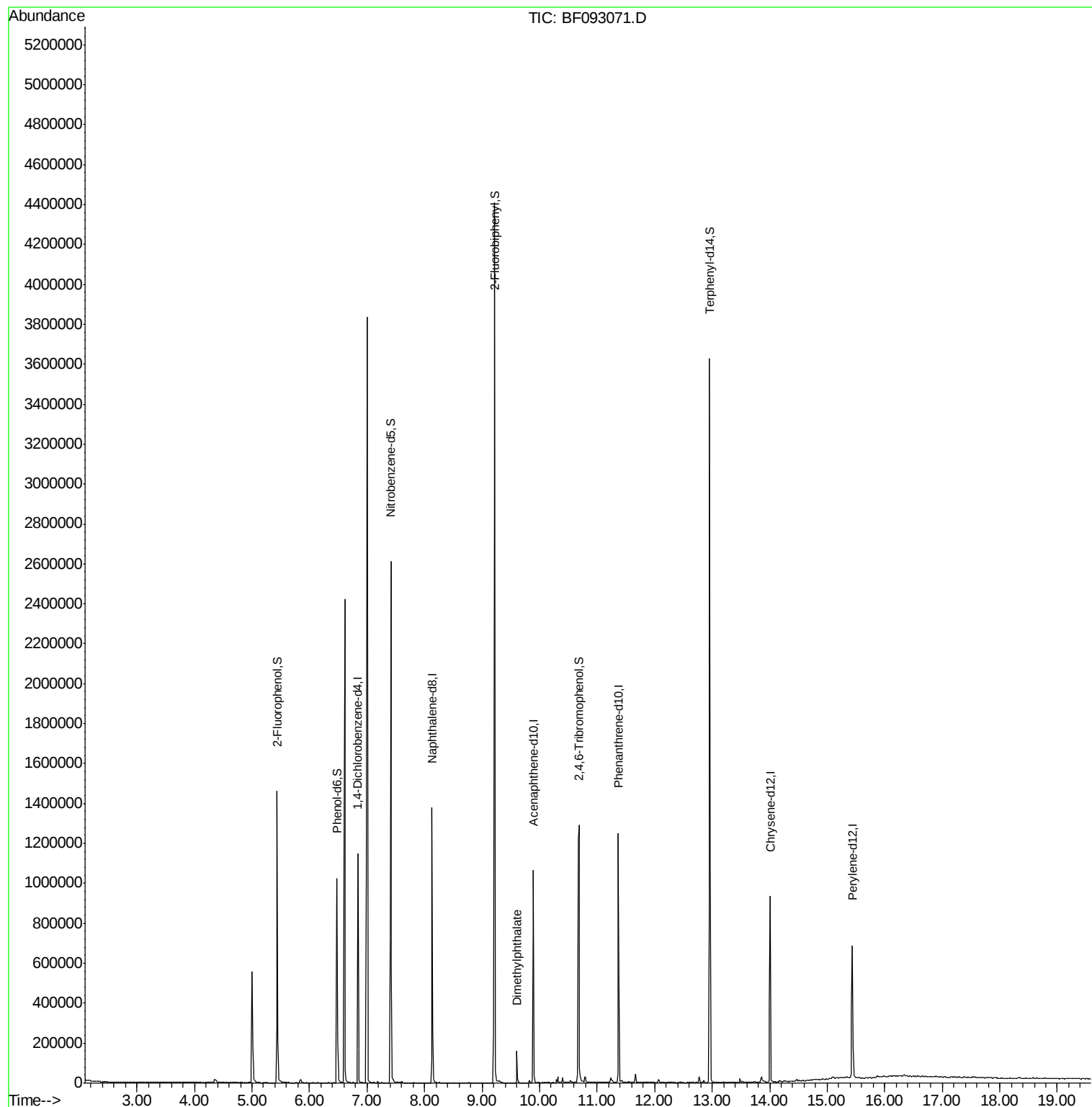
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	160511	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	607179	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	281278	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	496285	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	361611	20.00	ng	-0.01
86) Perylene-d12	15.44	264	291833	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	399839	42.74	ng	-0.01
7) Phenol-d6	6.48	99	323551	26.88	ng	-0.01
23) Nitrobenzene-d5	7.41	82	932754	85.55	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	221657	108.96	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1825294	117.56	ng	0.00
78) Terphenyl-d14	12.96	244	1267001	82.33	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.61	163	65611	3.46	ng	99

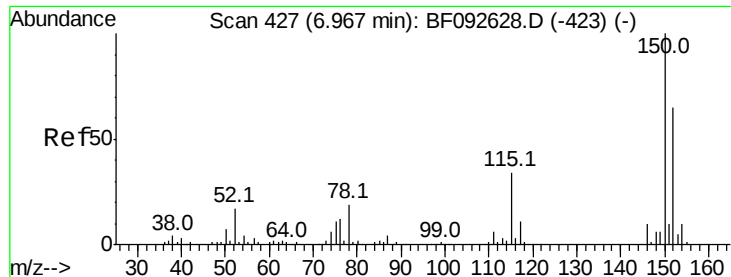
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF093071.D

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BNA_F

ClientSampleId :

021617-PRRT-E-U-M

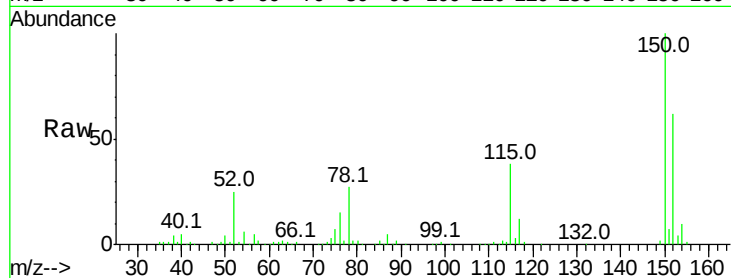
Tot Ion:152 Resp: 160511

Ion Ratio Lower Upper

152 100

150 160.5 124.9 187.3

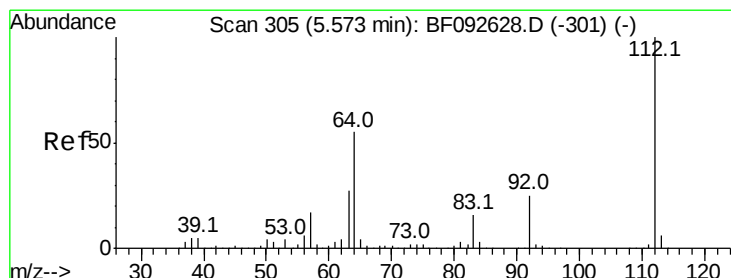
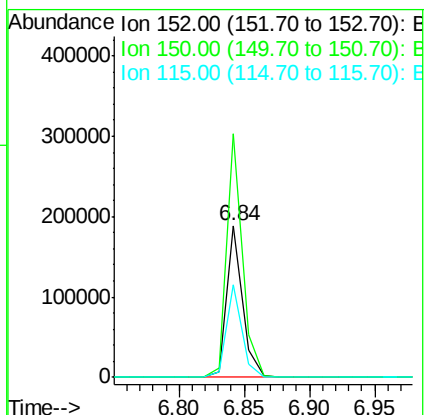
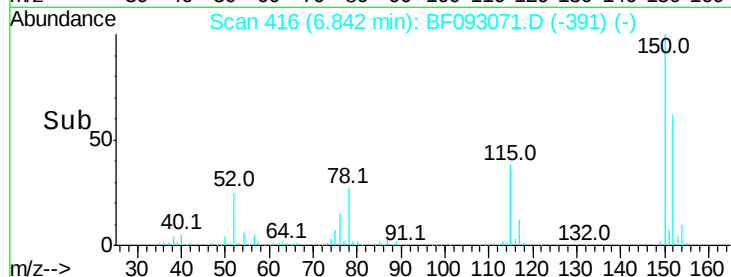
115 61.0 46.0 69.0



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: 42.74 ng

RT: 5.44 min Scan# 293

Delta R.T. -0.01 min

Lab File: BF093071.D

Acq: 21 Feb 2017 12:41

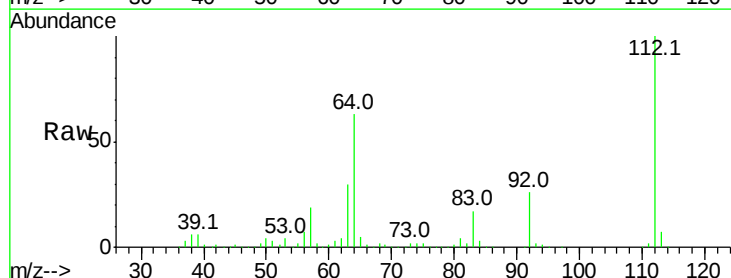
Tgt Ion:112 Resp: 399839

Ion Ratio Lower Upper

112 100

64 62.7 46.1 69.1

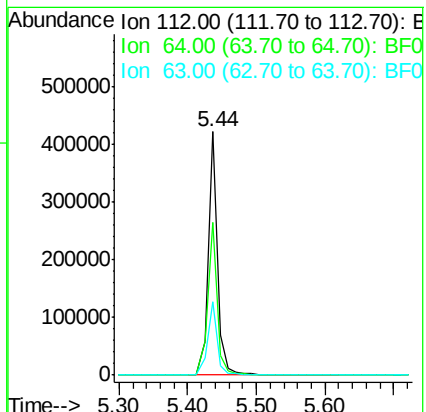
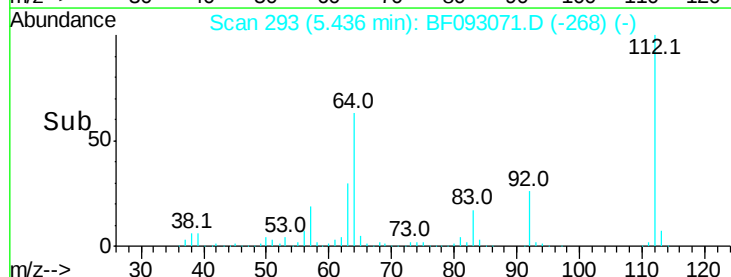
63 30.2 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 26.88 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF093071.D

Acq: 21 Feb 2017 12:41

Instrument :

BNA_F

ClientSampleId :

021617-PRRT-E-U-M

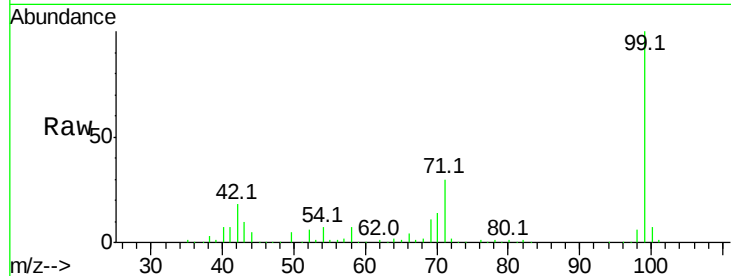
Tot Ion: 99 Resp: 323551

Ion Ratio Lower Upper

99 100

42 18.4 15.6 23.4

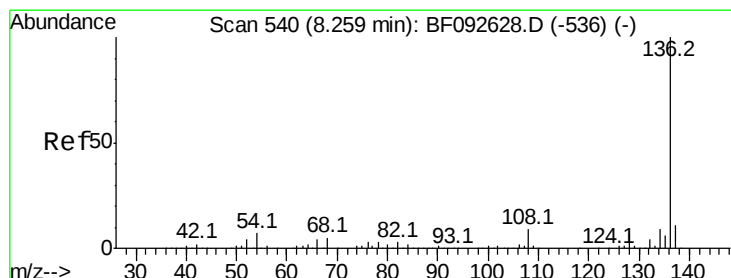
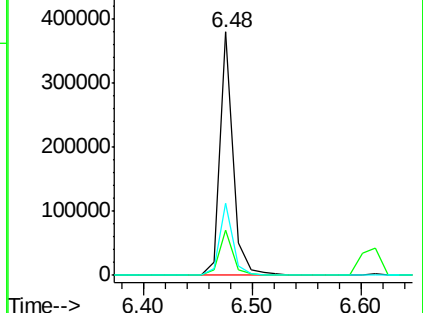
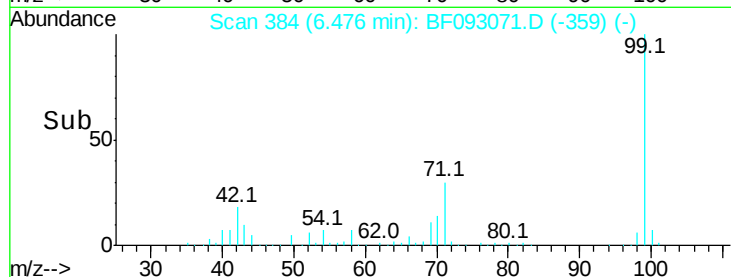
71 29.7 27.5 41.3



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: 8.13 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF093071.D

Acq: 21 Feb 2017 12:41

Tgt Ion: 136 Resp: 607179

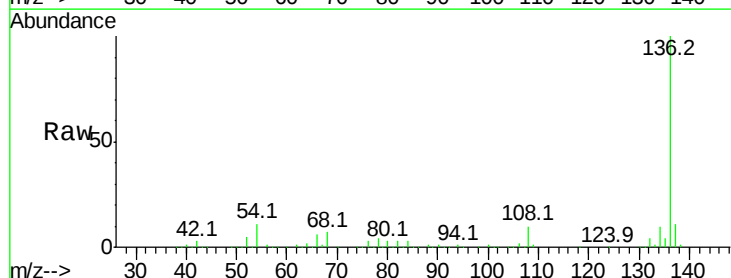
Ion Ratio Lower Upper

136 100

137 11.3 8.4 12.6

54 10.6 4.5 6.7#

68 7.4 3.6 5.4#

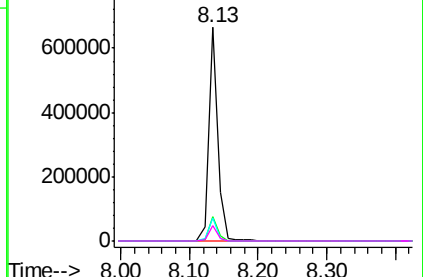
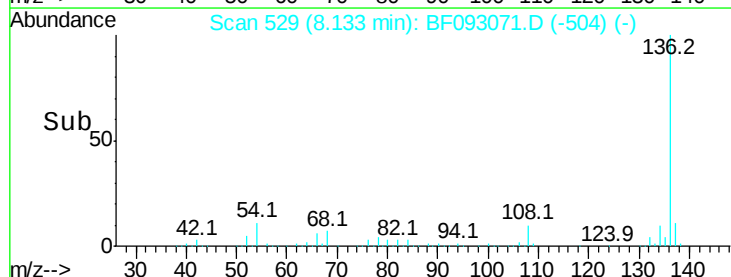


Abundance Ion 136.00 (135.70 to 136.70): E

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

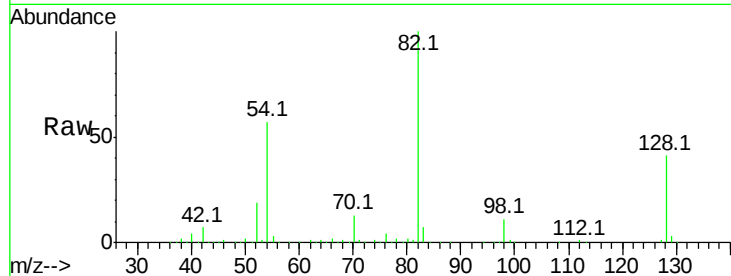




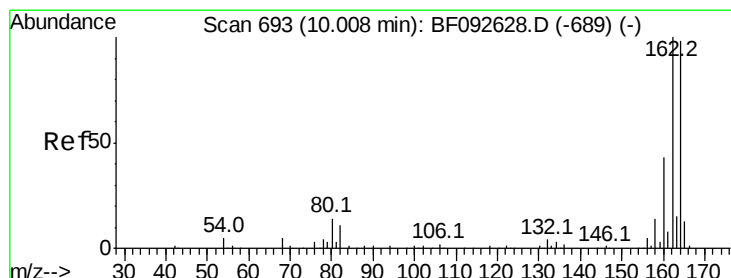
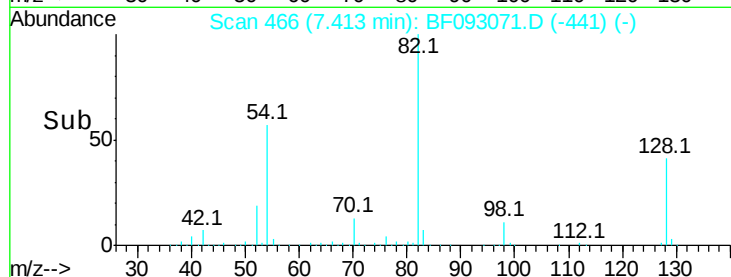
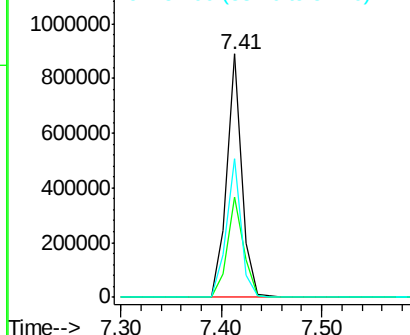
#23
 Nitrobenzene-d5
 Concen: 85.55 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF093071.D
 Acq: 21 Feb 2017 12:41

Instrument :
 BNA_F
 ClientSampleId :
 021617-PRRT-E-U-M

Tot Ion	82	Resp	932754
Ion Ratio	100	Lower	Upper
128	41.1	34.6	52.0
54	57.1	39.5	59.3

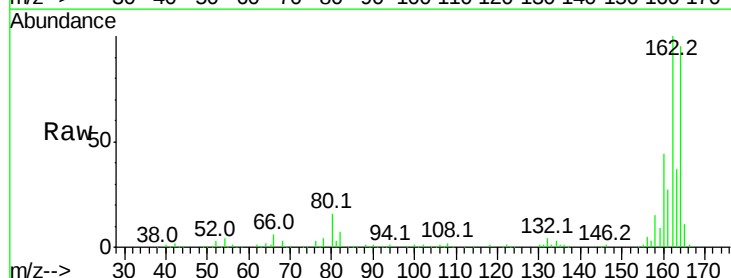


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

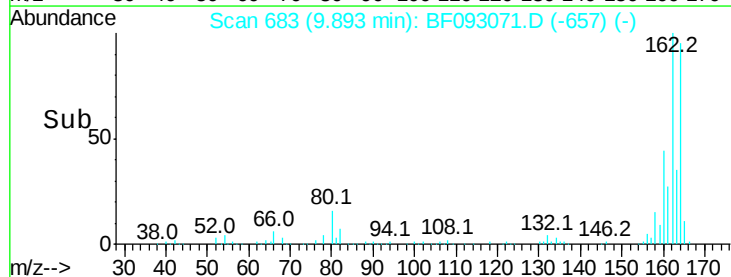
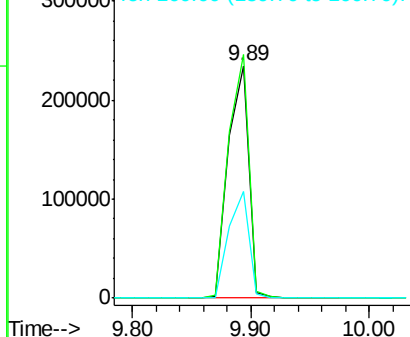


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 683
 Delta R.T. 0.00 min
 Lab File: BF093071.D
 Acq: 21 Feb 2017 12:41

Tgt Ion	164	Resp	281278
Ion Ratio	100	Lower	Upper
162	104.7	80.2	120.2
160	45.8	36.9	55.3



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

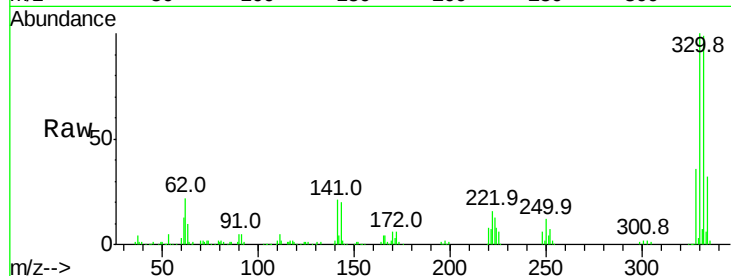




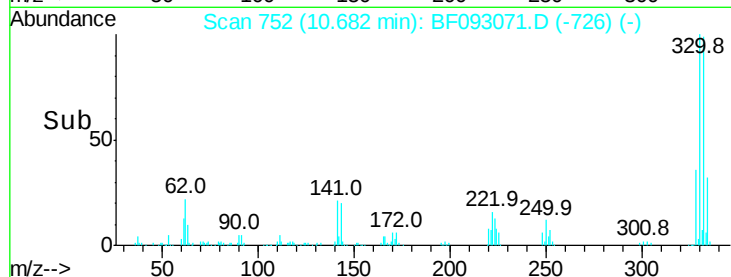
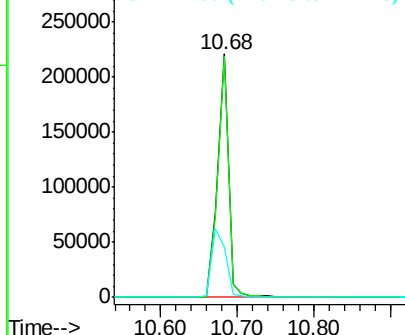
#41
 2,4,6-Tribromophenol
 Concen: 108.96 ng
 RT: 10.68 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF093071.D
 Acq: 21 Feb 2017 12:41

Instrument :
 BNA_F
 ClientSampleId :
 021617-PRRT-E-U-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.4	116.2
141	35.6	34.1	51.1

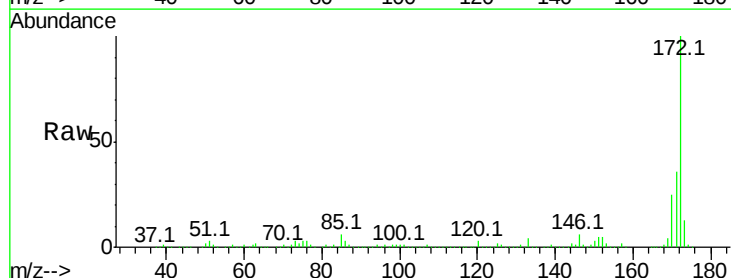


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

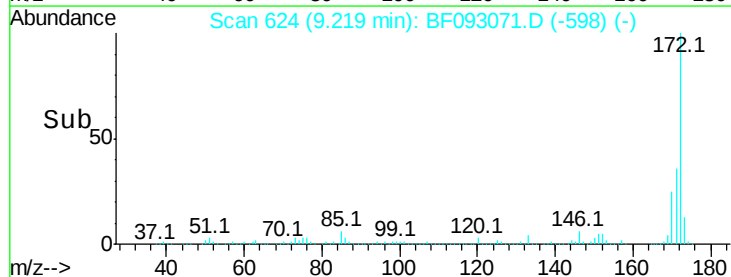
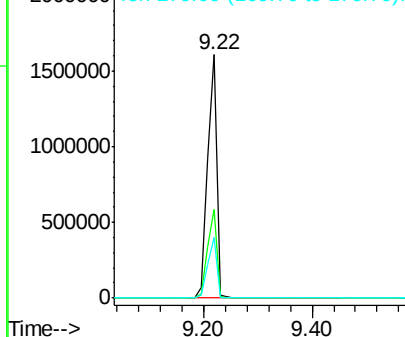


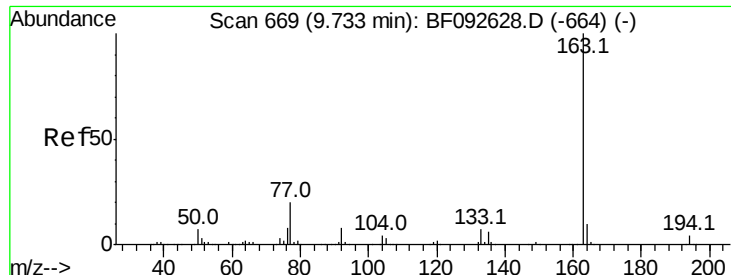
#44
 2-Fluorobiphenyl
 Concen: 117.56 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF093071.D
 Acq: 21 Feb 2017 12:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.0
170	24.8	20.2	30.4



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





#49

Dimethylphthalate

Concen: 3.46 ng

RT: 9.61 min Scan# 658

Delta R.T. -0.01 min

Lab File: BF093071.D

Acq: 21 Feb 2017 12:41

Instrument :

BNA_F

ClientSampleId :

021617-PRRT-E-U-M

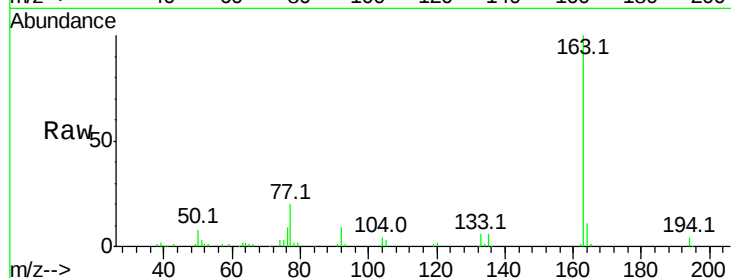
Tot Ion:163 Resp: 65611

Ion Ratio Lower Upper

163 100

194 3.5 3.0 4.4

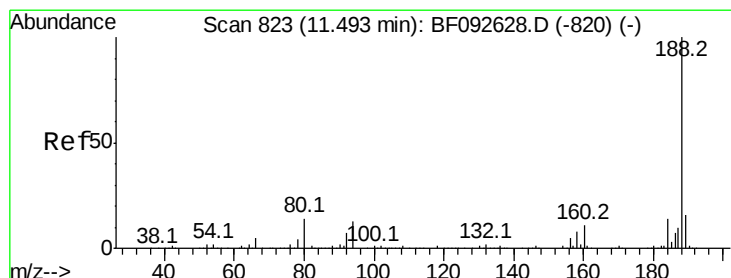
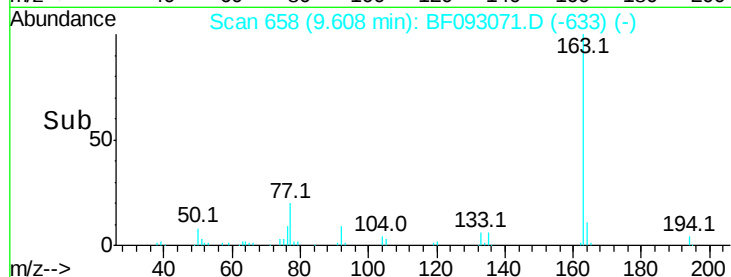
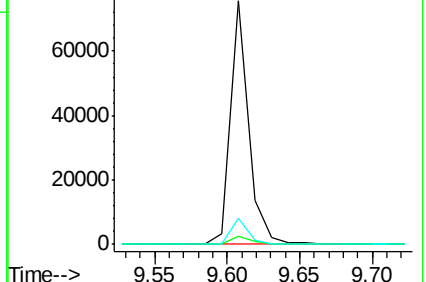
164 10.7 8.0 12.0



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF093071.D

Acq: 21 Feb 2017 12:41

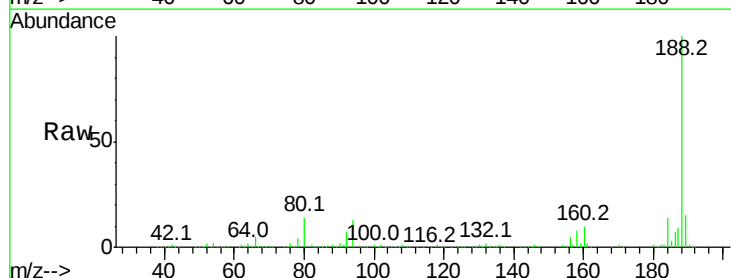
Tgt Ion:188 Resp: 496285

Ion Ratio Lower Upper

188 100

94 13.1 10.0 15.0

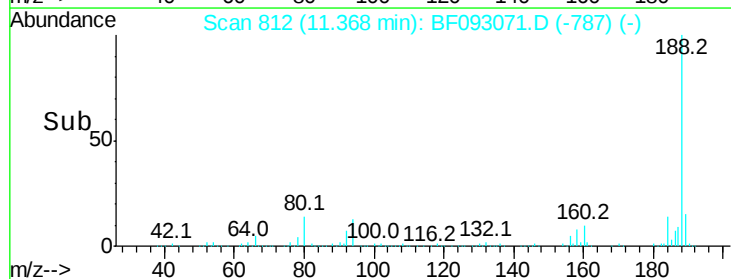
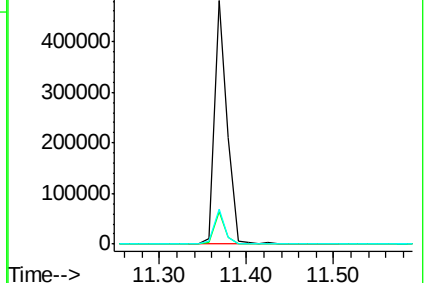
80 14.4 11.2 16.8

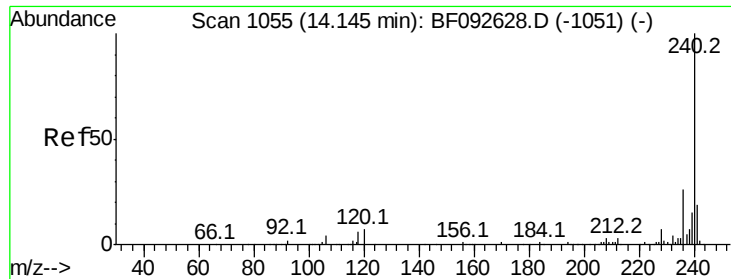


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF093071.D

Acq: 21 Feb 2017 12:41

Instrument :

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ClientSampleId :

021617-PRRT-E-U-M

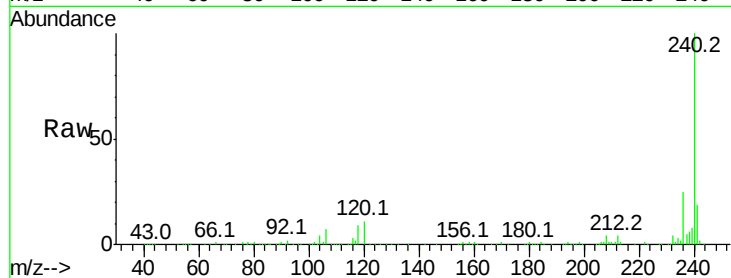
Tot Ion:240 Resp: 361611

Ion Ratio Lower Upper

240 100

120 10.5 12.9 19.3#

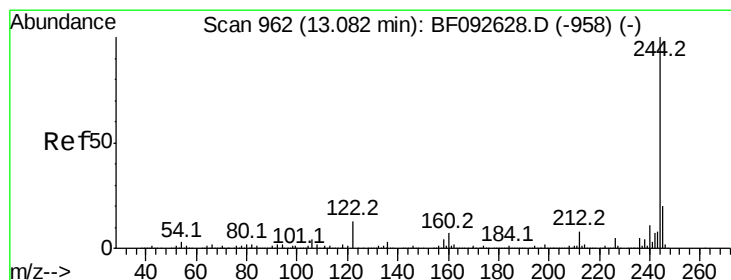
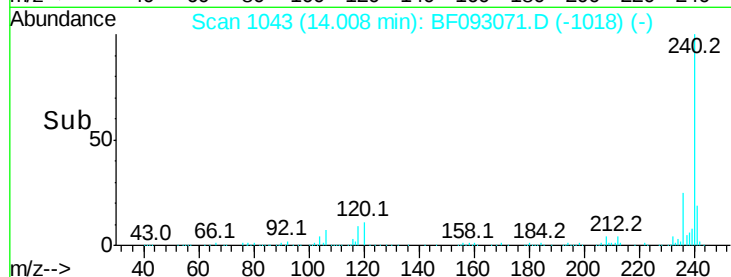
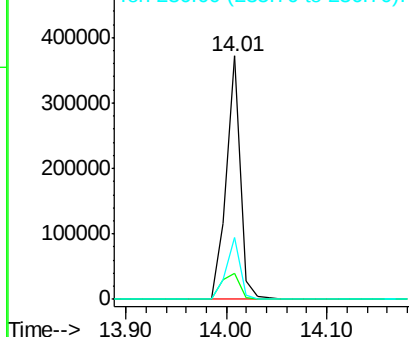
236 25.2 20.9 31.3



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: 82.33 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF093071.D

Acq: 21 Feb 2017 12:41

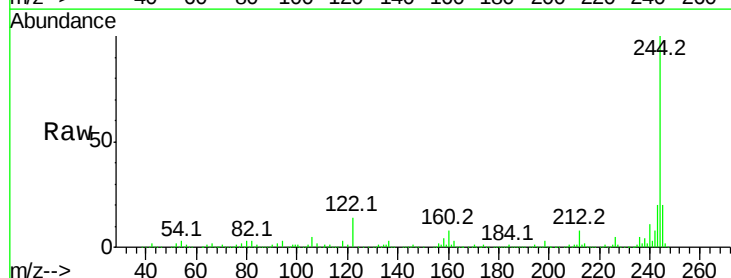
Tgt Ion:244 Resp: 1267001

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

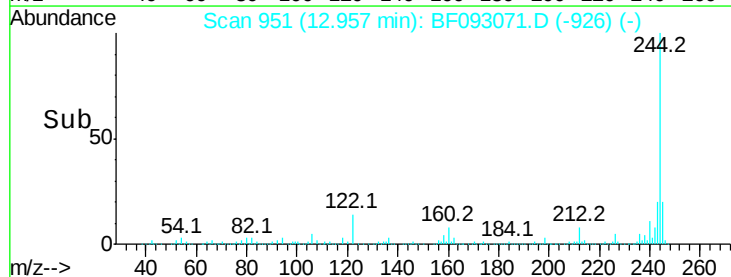
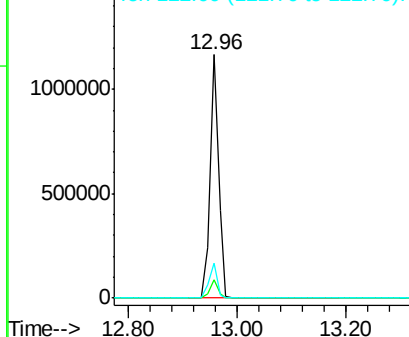
122 14.2 11.4 17.2

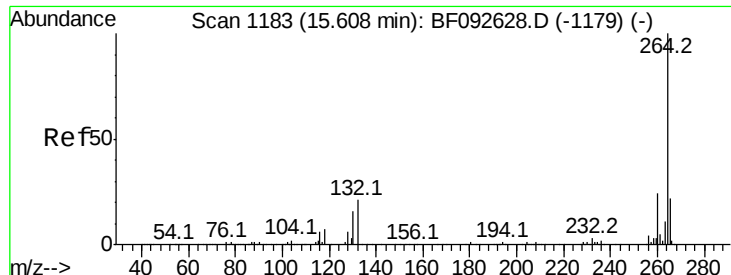


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

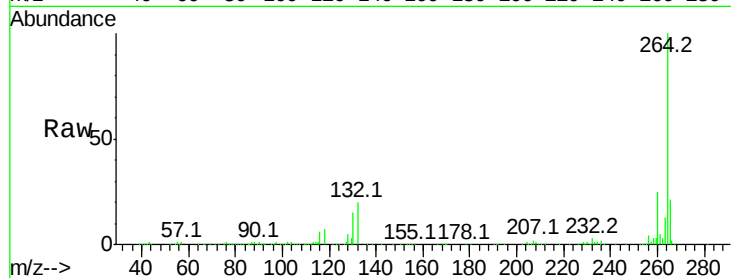




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1168
 Delta R.T. -0.01 min
 Lab File: BF093071.D
 Acq: 21 Feb 2017 12:41

Instrument :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	21.2	17.4	26.0



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

