

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032317\
 Data File : BF093888.D
 Acq On : 23 Mar 2017 19:31
 Operator : SJ/MA
 Sample : I2371-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-0668

Quant Time: Mar 24 03:17:08 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 23 02:02:22 2017
 Response via : Initial Calibration

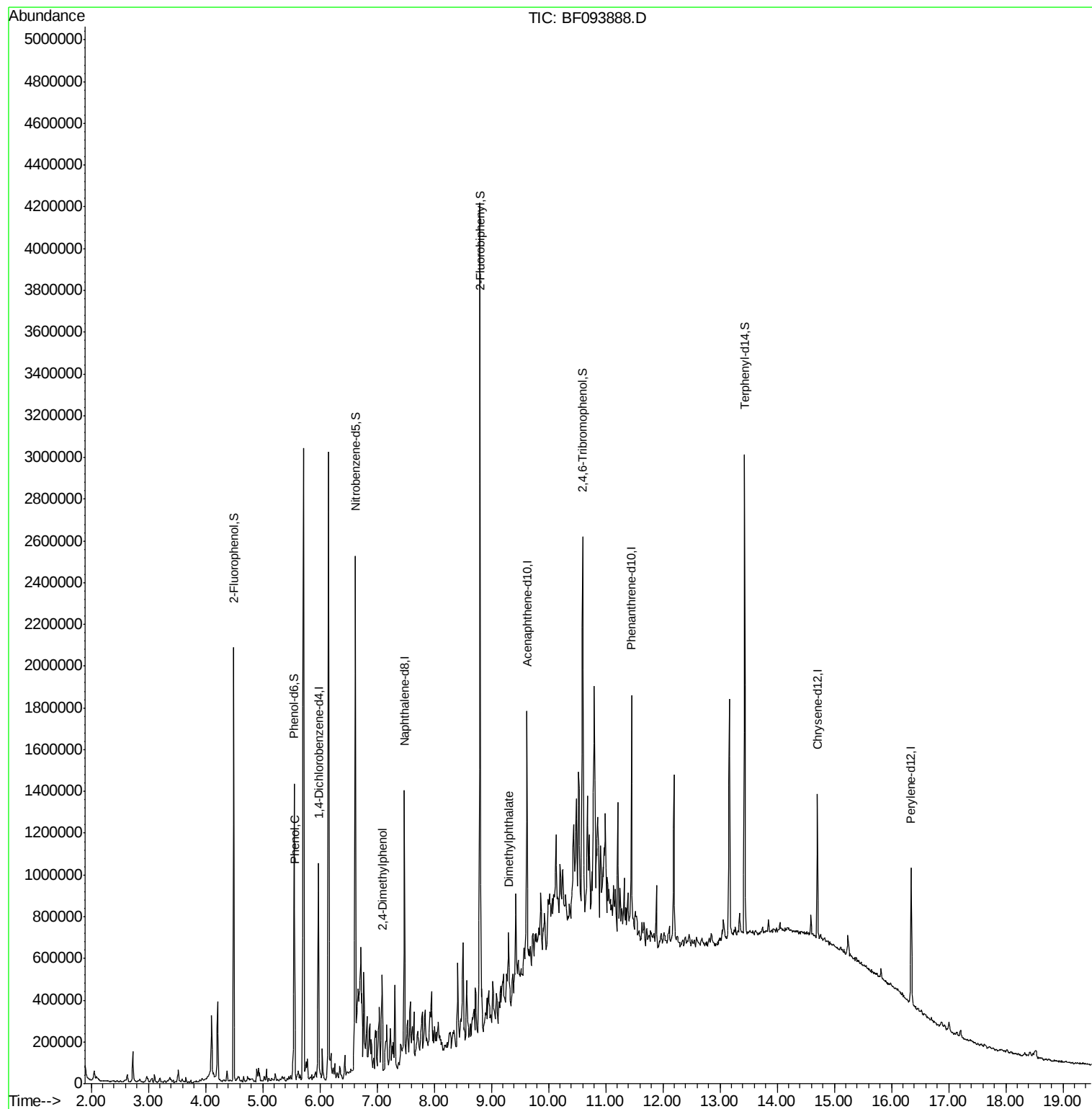
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.97	152	164344	20.00	ng	-0.01
21) Naphthalene-d8	7.48	136	642863	20.00	ng	-0.01
38) Acenaphthene-d10	9.62	164	274589	20.00	ng	-0.02
63) Phenanthrene-d10	11.45	188	417405	20.00	ng	-0.01
75) Chrysene-d12	14.70	240	271144	20.00	ng	-0.01
86) Perylene-d12	16.34	264	280068	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.49	112	589195	60.55	ng	-0.01
7) Phenol-d6	5.55	99	477147	39.64	ng	-0.02
23) Nitrobenzene-d5	6.62	82	881009	78.21	ng	-0.02
41) 2,4,6-Tribromophenol	10.60	330	260939	120.26	ng	-0.01
44) 2-Fluorobiphenyl	8.80	172	1557973	86.54	ng	-0.02
78) Terphenyl-d14	13.43	244	846814	70.00	ng	0.00
Target Compounds						
10) Phenol	5.56	94	103691	7.57	ng	Qvalue 89
27) 2,4-Dimethylphenol	7.09	122	102174	11.19	ng	# 91
49) Dimethylphthalate	9.30	163	91784	4.70	ng	# 99

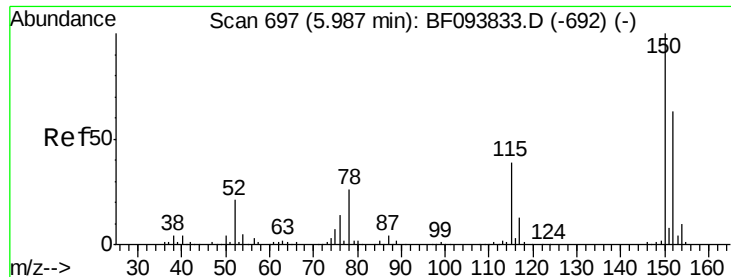
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.97 min Scan# 695

Delta R.T. -0.01 min

Lab File: BF093888.D

Acq: 23 Mar 2017 19:31

Instrument :

BNA_F

ClientSampled :

S8-0668

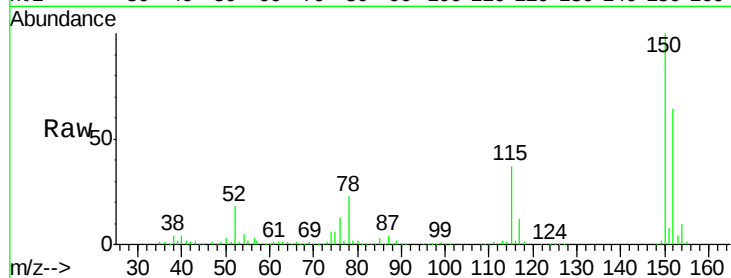
Tgt Ion:152 Resp: 164344

Ion Ratio Lower Upper

152 100

150 157.1 126.2 189.2

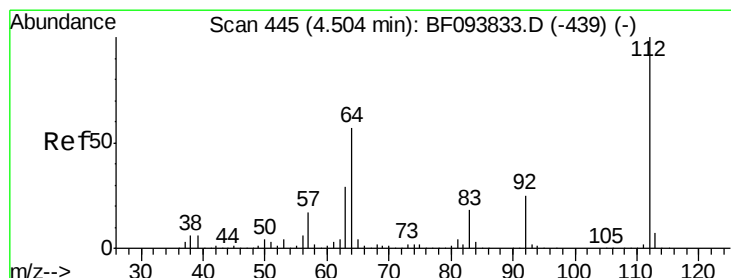
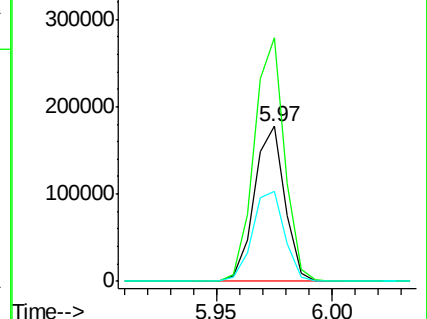
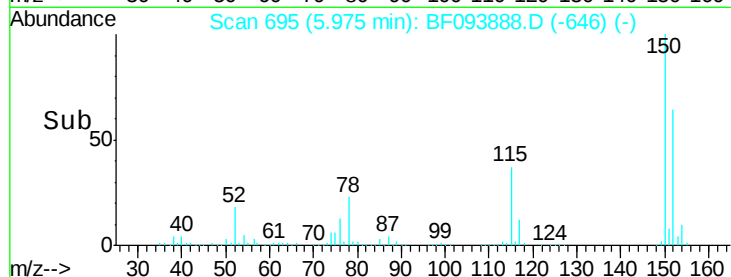
115 58.3 52.2 78.2



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: 60.55 ng

RT: 4.49 min Scan# 443

Delta R.T. -0.01 min

Lab File: BF093888.D

Acq: 23 Mar 2017 19:31

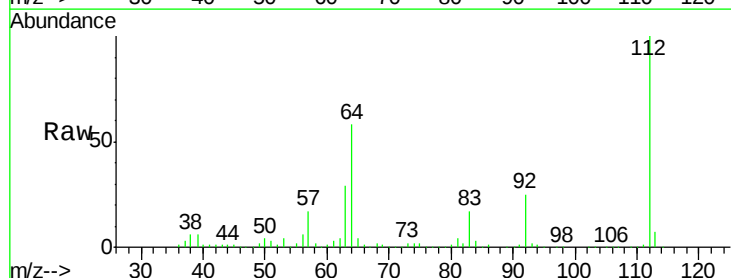
Tgt Ion:112 Resp: 589195

Ion Ratio Lower Upper

112 100

64 58.2 46.0 69.0

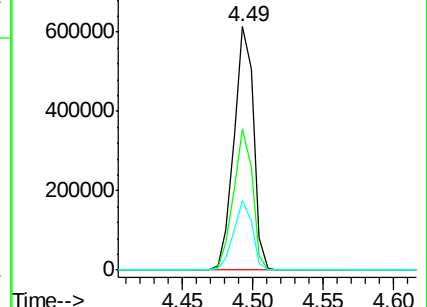
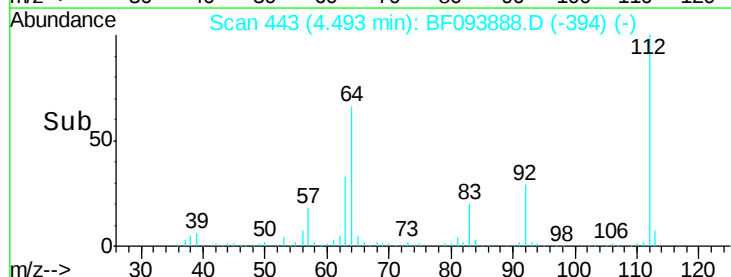
63 28.7 23.4 35.0

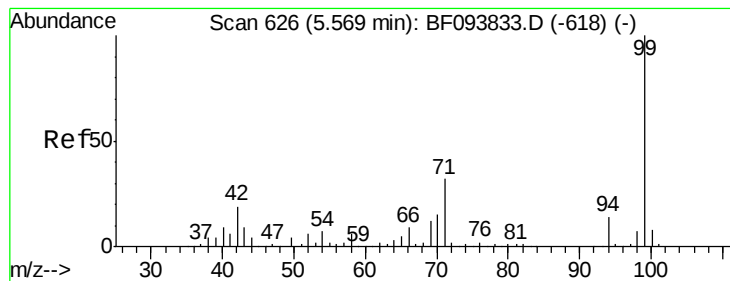


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 39.64 ng

RT: 5.55 min Scan# 623

Delta R.T. -0.02 min

Lab File: BF093888.D

Acq: 23 Mar 2017 19:31

Instrument :

BNA_F

ClientSampleId :

S8-0668

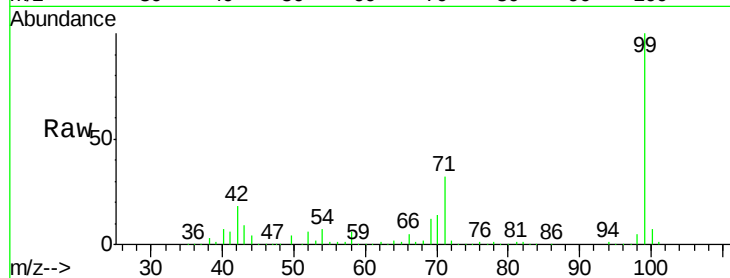
Tgt Ion: 99 Resp: 477147

Ion Ratio Lower Upper

99 100

42 17.6 13.5 20.3

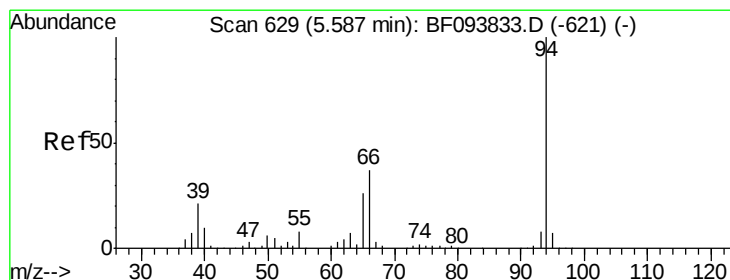
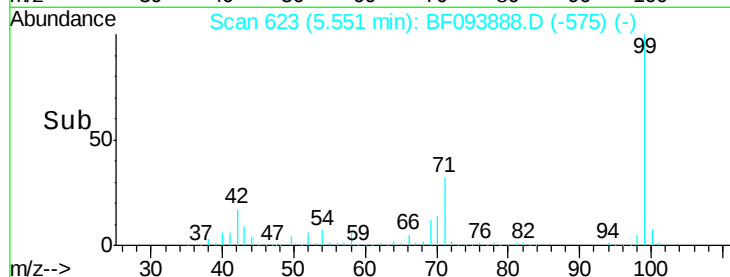
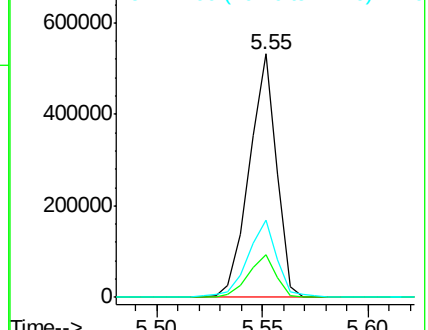
71 31.6 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 7.57 ng

RT: 5.56 min Scan# 625

Delta R.T. -0.02 min

Lab File: BF093888.D

Acq: 23 Mar 2017 19:31

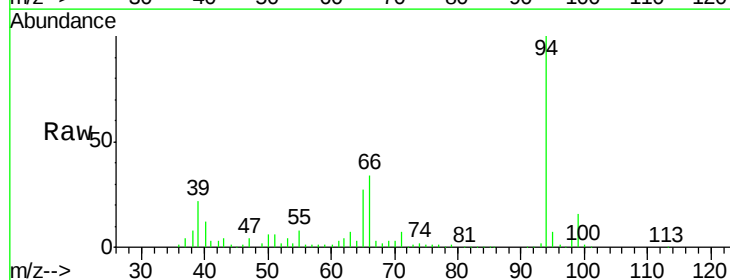
Tgt Ion: 94 Resp: 103691

Ion Ratio Lower Upper

94 100

65 26.7 9.9 49.9

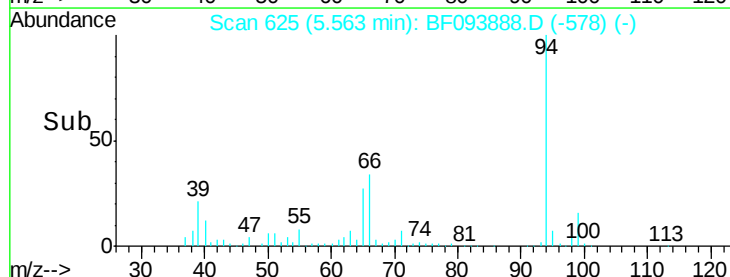
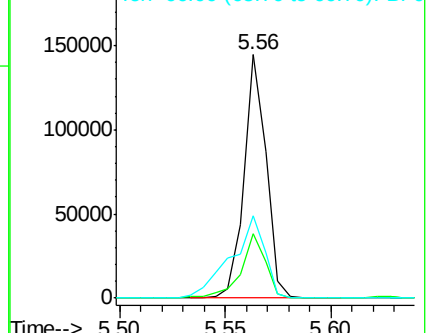
66 33.8 23.1 63.1

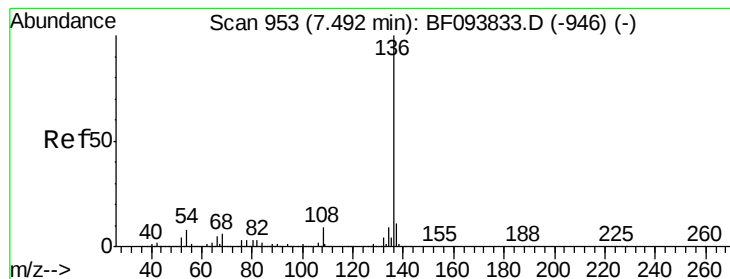


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.48 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF093888.D

Acq: 23 Mar 2017 19:31

Instrument :

BNA_F

ClientSampleId :

S8-0668

Tgt Ion: 136 Resp: 642863

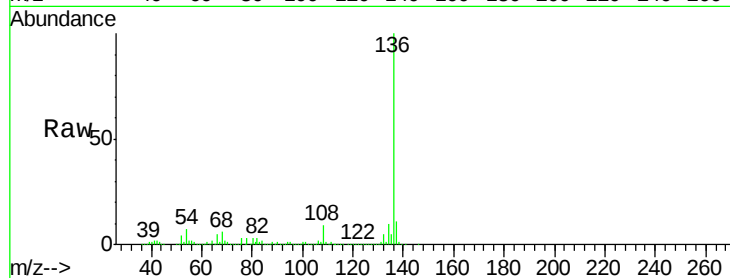
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 7.1 4.9 7.3

68 6.0 4.1 6.1

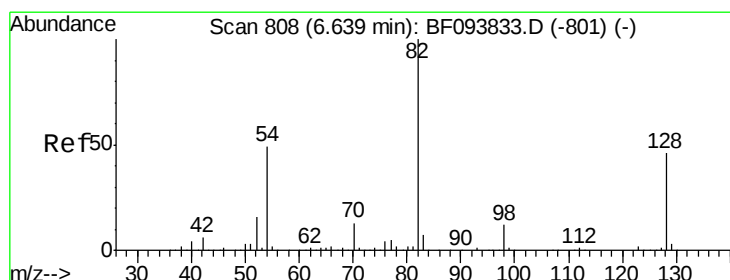
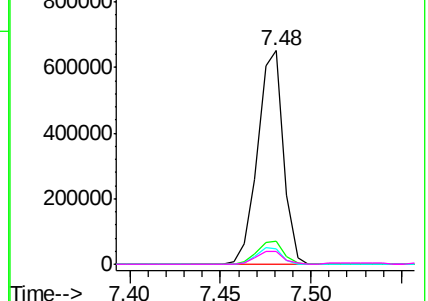
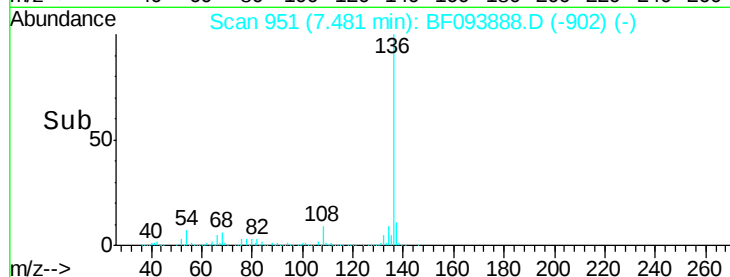


Abundance Ion 136.00 (135.70 to 136.70): E

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: 78.21 ng

RT: 6.62 min Scan# 805

Delta R.T. -0.02 min

Lab File: BF093888.D

Acq: 23 Mar 2017 19:31

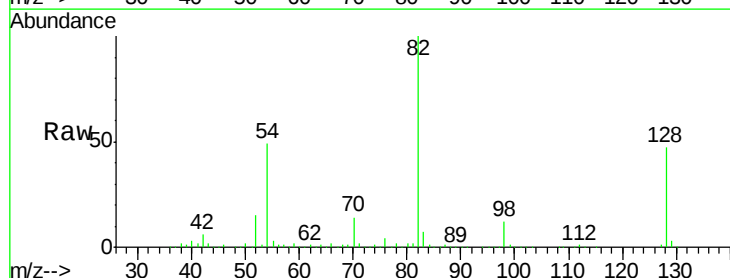
Tgt Ion: 82 Resp: 881009

Ion Ratio Lower Upper

82 100

128 46.6 34.0 51.0

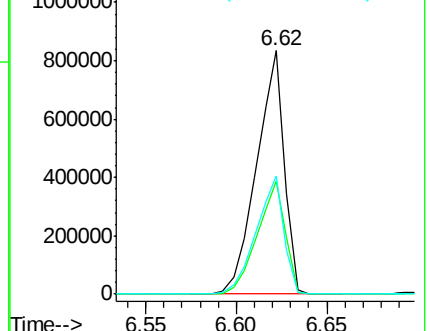
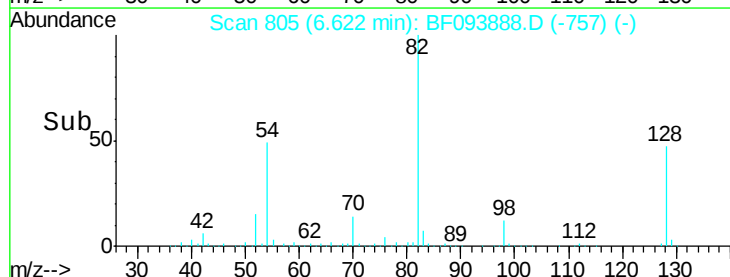
54 48.5 42.2 63.2

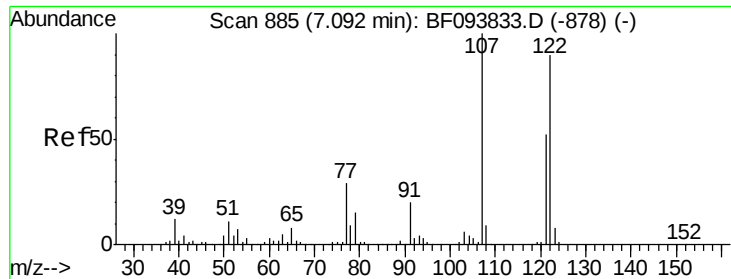


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

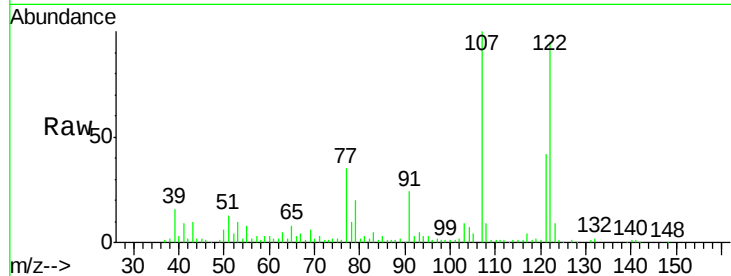




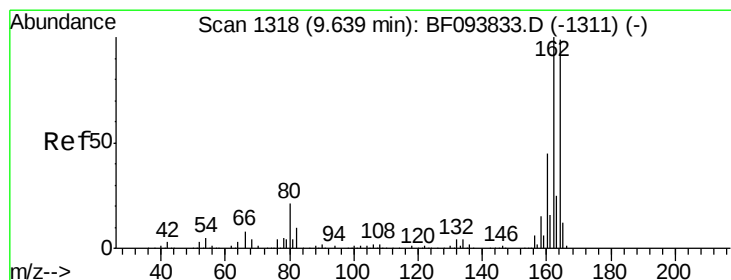
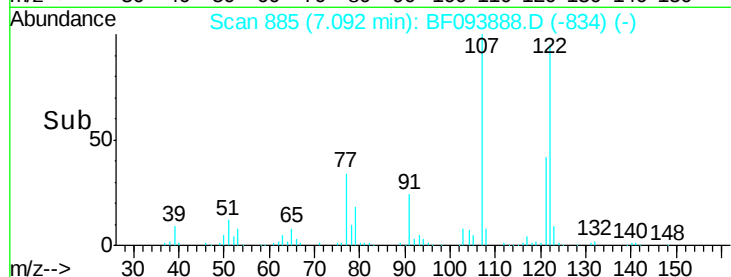
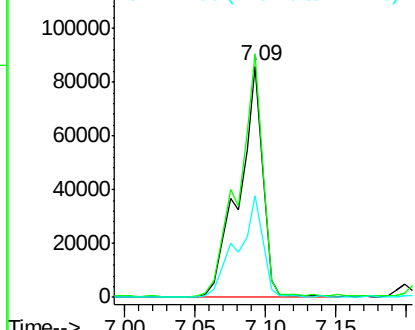
#27
2,4-Dimethylphenol
Concen: 11.19 ng
RT: 7.09 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF093888.D
Acq: 23 Mar 2017 19:31

Instrument :
BNA_F
ClientSampleId :
S8-0668

Tgt Ion:122 Resp: 102174
Ion Ratio Lower Upper
122 100
107 105.4 89.2 133.8
121 44.1 45.2 67.8#

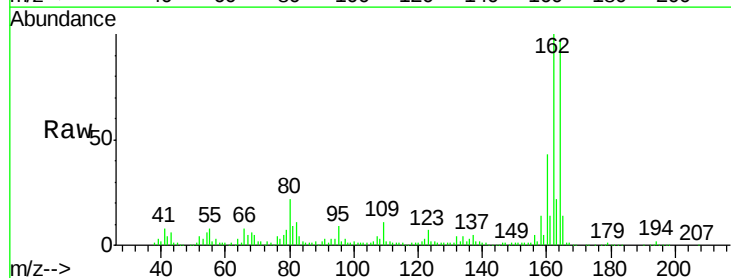


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

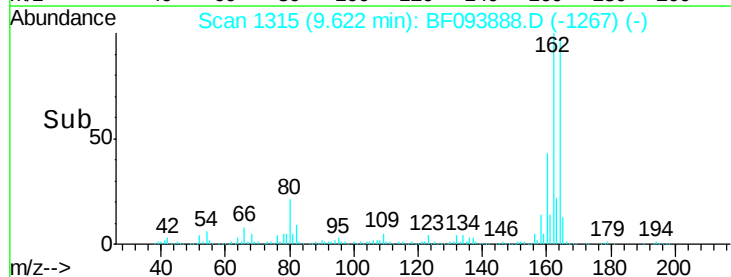
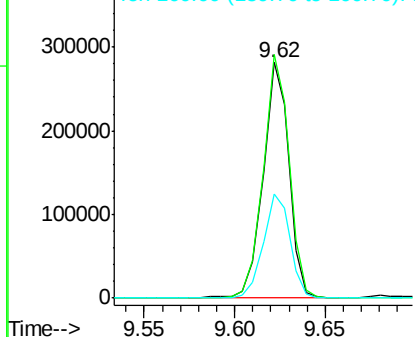


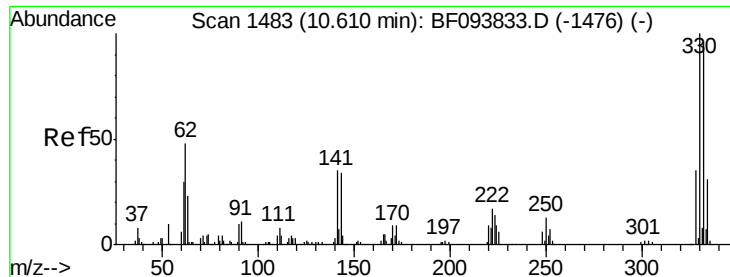
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.62 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BF093888.D
Acq: 23 Mar 2017 19:31

Tgt Ion:164 Resp: 274589
Ion Ratio Lower Upper
164 100
162 103.3 82.6 123.8
160 44.4 36.2 54.2



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

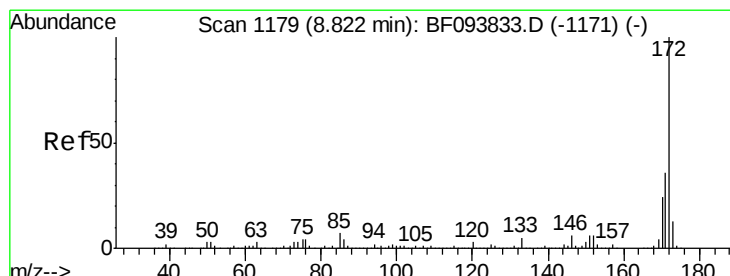
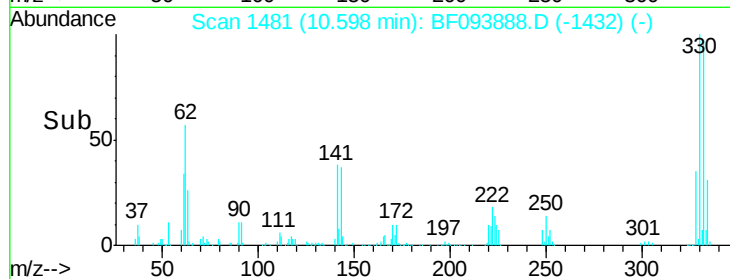
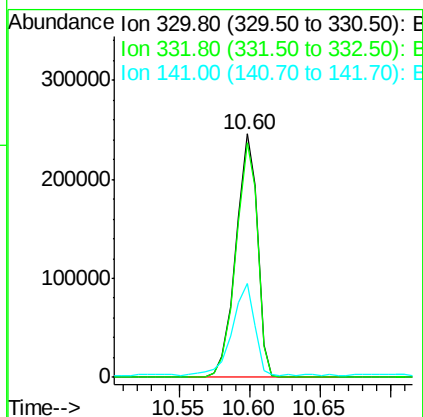
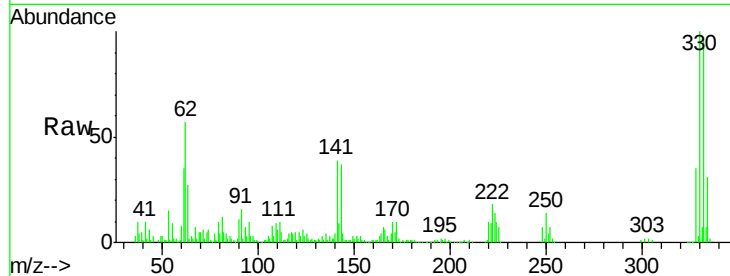




#41
 2,4,6-Tribromophenol
 Concen: 120.26 ng
 RT: 10.60 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: BF093888.D
 Acq: 23 Mar 2017 19:31

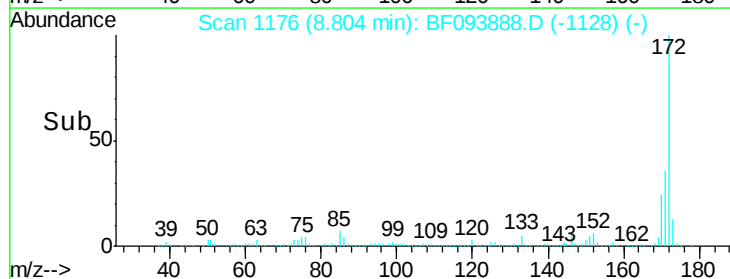
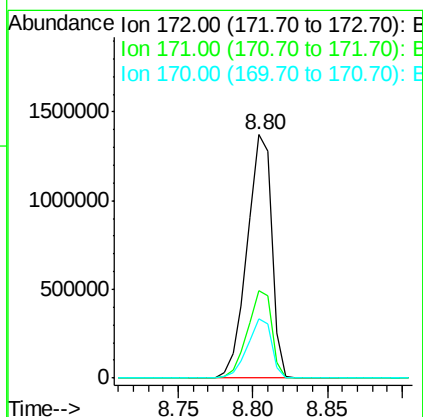
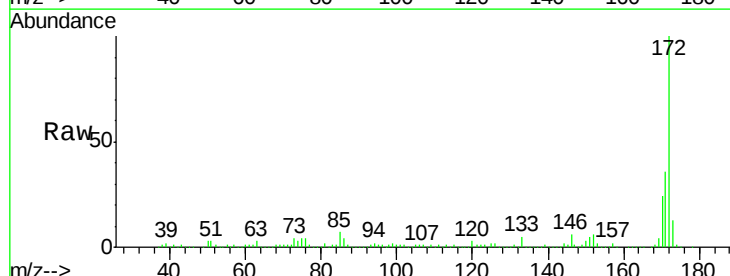
Instrument :
 BNA_F
 ClientSampleId :
 S8-0668

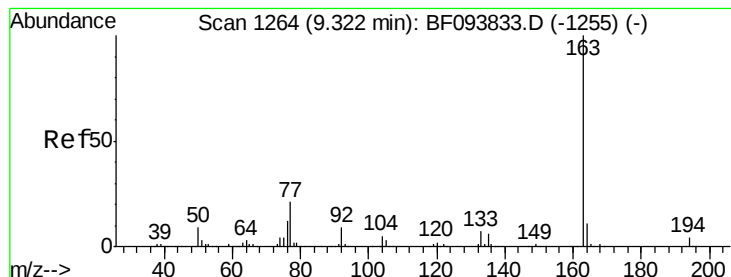
Tgt Ion:330 Resp: 260939
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.6 115.0
 141 38.8 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 86.54 ng
 RT: 8.80 min Scan# 1176
 Delta R.T. -0.02 min
 Lab File: BF093888.D
 Acq: 23 Mar 2017 19:31

Tgt Ion:172 Resp: 1557973
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.6 44.4
 170 24.1 19.8 29.8





#49

Dimethylphthalate

Concen: 4.70 ng

RT: 9.30 min Scan# 1260

Delta R.T. -0.02 min

Lab File: BF093888.D

Acq: 23 Mar 2017 19:31

Instrument :

BNA_F

ClientSampleId :

S8-0668

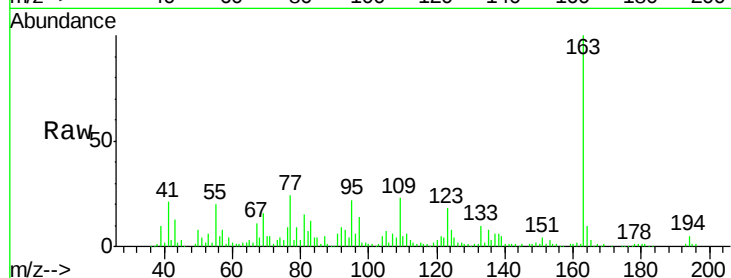
Tgt Ion:163 Resp: 91784

Ion Ratio Lower Upper

163 100

194 4.5 2.6 4.0#

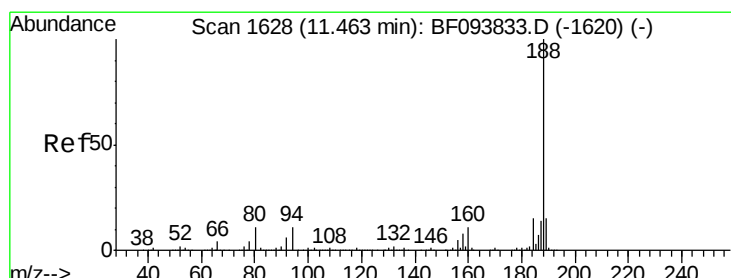
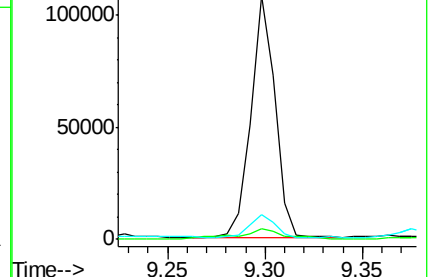
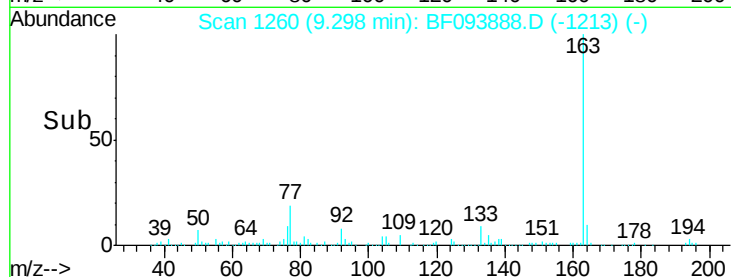
164 10.3 8.4 12.6



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: 11.45 min Scan# 1626

Delta R.T. -0.01 min

Lab File: BF093888.D

Acq: 23 Mar 2017 19:31

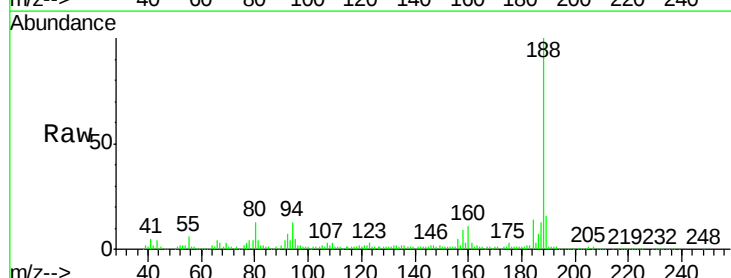
Tgt Ion:188 Resp: 417405

Ion Ratio Lower Upper

188 100

94 12.5 9.4 14.2

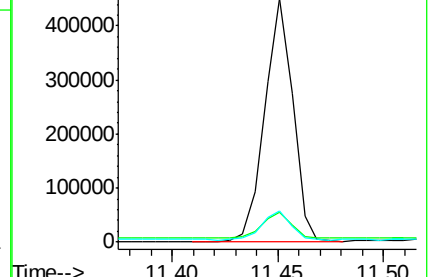
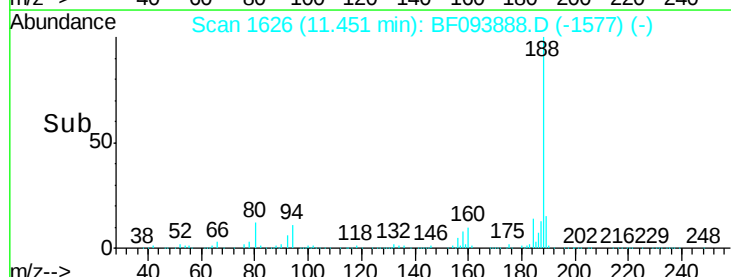
80 12.8 10.2 15.2

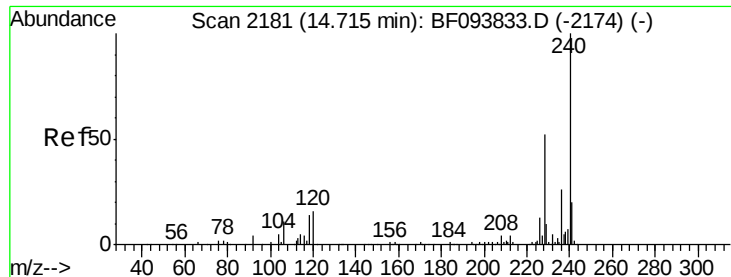


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.70 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BF093888.D

Acq: 23 Mar 2017 19:31

Instrument :

BNA_F

ClientSampleId :

S8-0668

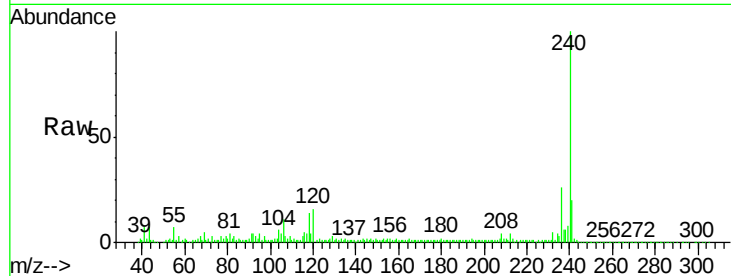
Tgt Ion:240 Resp: 271144

Ion Ratio Lower Upper

240 100

120 16.2 5.8 8.8#

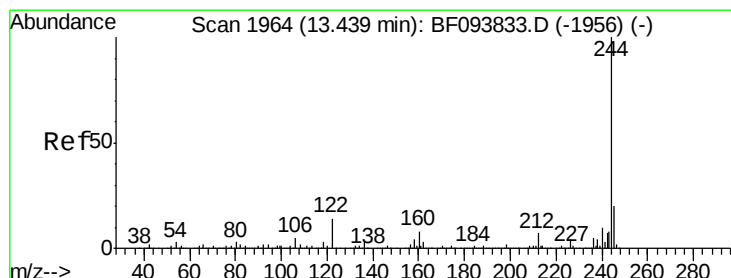
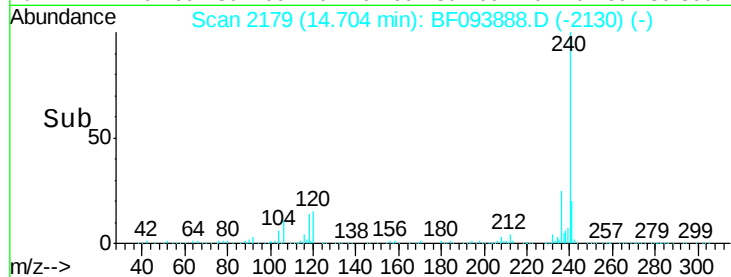
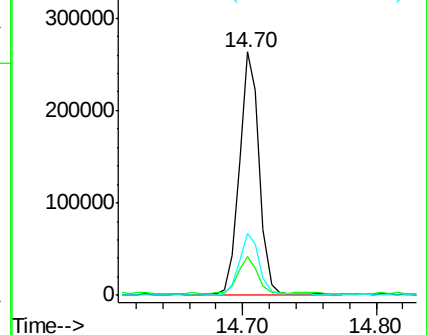
236 25.6 20.5 30.7



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: 70.00 ng

RT: 13.43 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BF093888.D

Acq: 23 Mar 2017 19:31

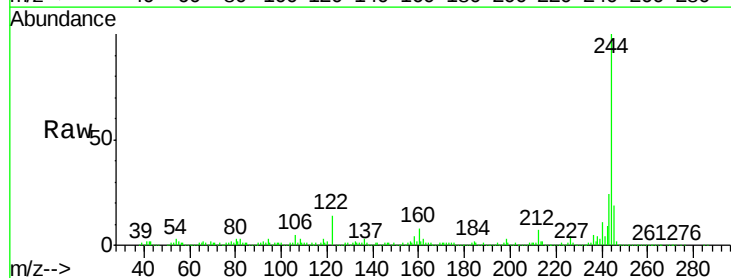
Tgt Ion:244 Resp: 846814

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

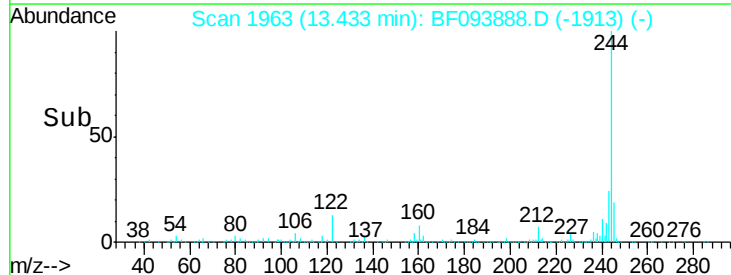
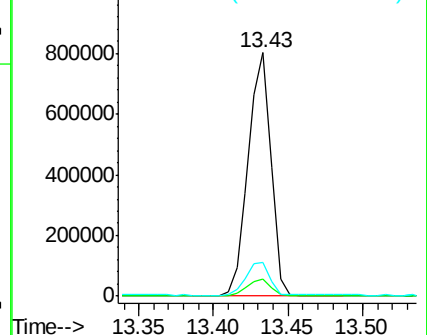
122 13.6 10.3 15.5

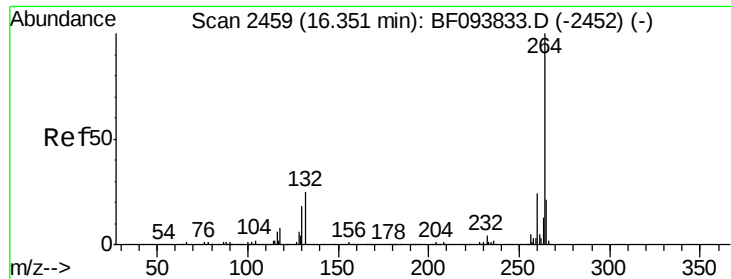


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 16.34 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BF093888.D
Acq: 23 Mar 2017 19:31

Instrument :
BNA_F
ClientSampleId :
S8-0668

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.5	29.3
265	21.1	17.2	25.8

