

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032117\
 Data File : BF093800.D
 Acq On : 21 Mar 2017 16:09
 Operator : SJ/MA
 Sample : I2314-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SGS47-9-11

Quant Time: Mar 22 02:17:18 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 21 14:38:20 2017
 Response via : Initial Calibration

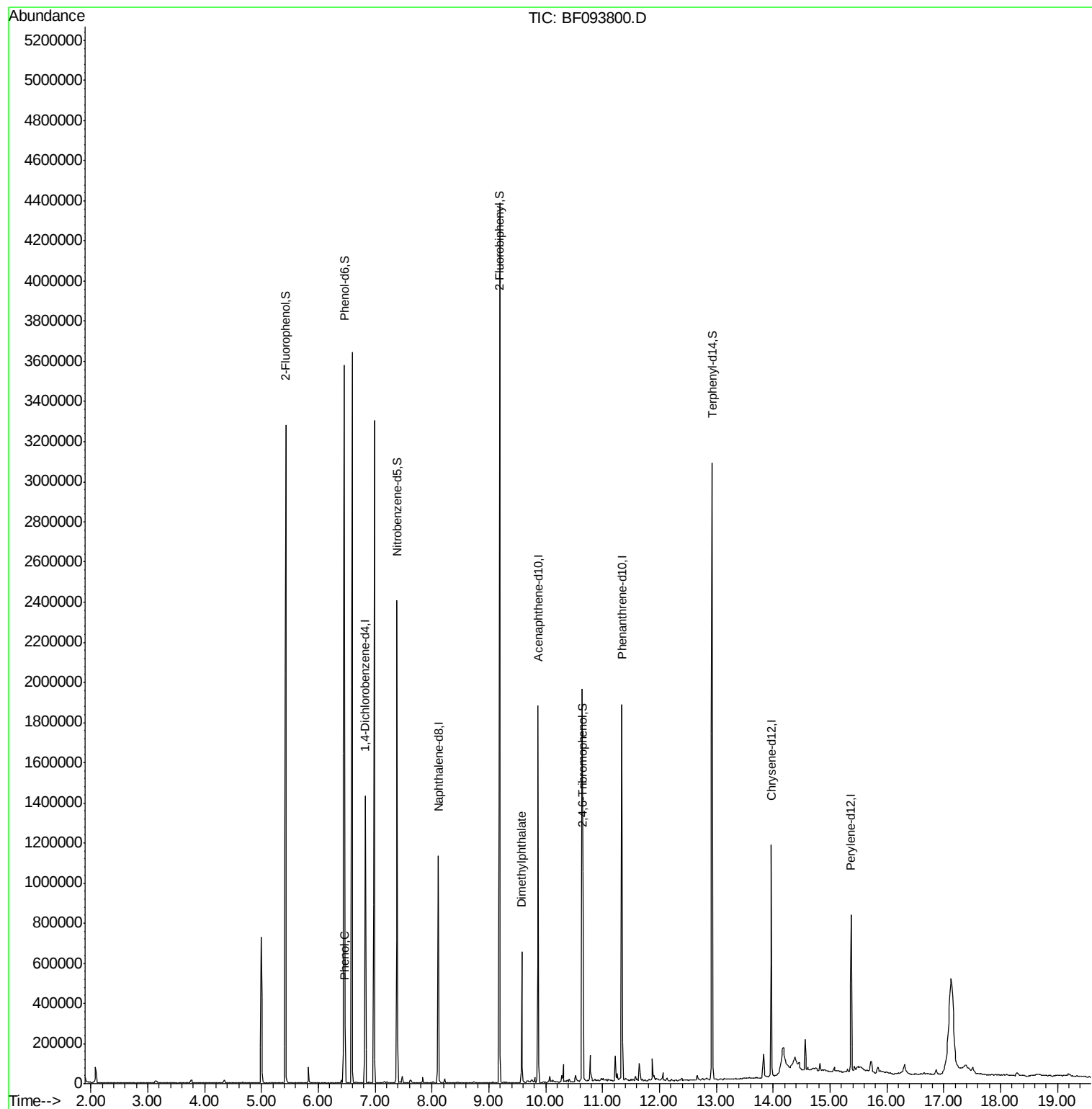
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	198627	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	808370	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	386113	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	631938	20.00	ng	0.00
75) Chrysene-d12	13.97	240	438407	20.00	ng	0.00
86) Perylene-d12	15.37	264	332747	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1133094	99.76	ng	0.01
7) Phenol-d6	6.46	99	1344718	95.81	ng	0.00
23) Nitrobenzene-d5	7.38	82	793053	55.65	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	281980	94.29	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1390125	60.54	ng	0.00
78) Terphenyl-d14	12.93	244	1073848	49.94	ng	0.00
Target Compounds						
10) Phenol	6.47	94	68547	4.34	ng	83
49) Dimethylphthalate	9.58	163	247030	8.99	ng	99

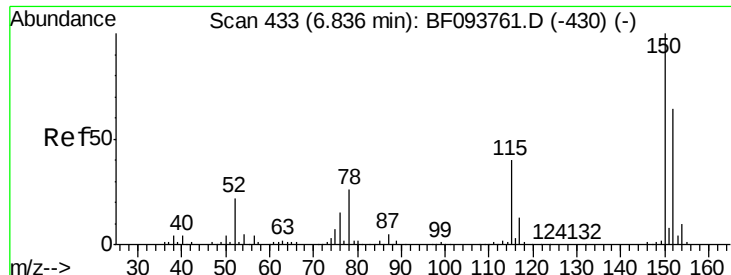
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 432

Delta R.T. -0.00 min

Lab File: BF093800.D

Acq: 21 Mar 2017 16:09

Instrument :

BNA_F

ClientSampleId :

SGS47-9-11

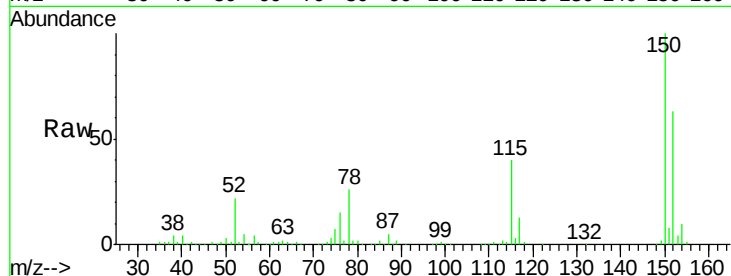
Tgt Ion:152 Resp: 198627

Ion Ratio Lower Upper

152 100

150 158.6 126.2 189.2

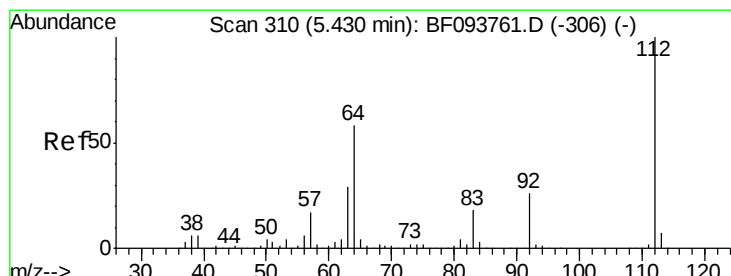
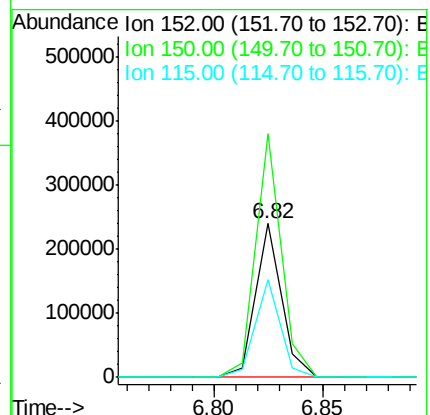
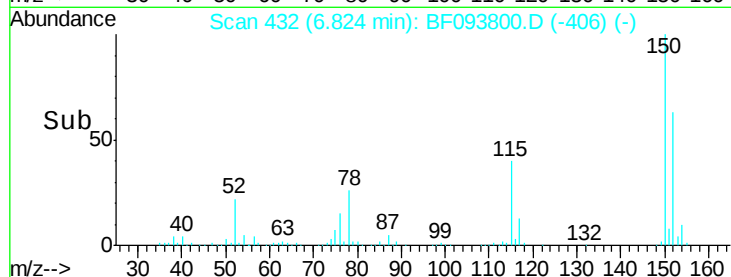
115 63.8 52.2 78.2



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: 99.76 ng

RT: 5.43 min Scan# 310

Delta R.T. 0.01 min

Lab File: BF093800.D

Acq: 21 Mar 2017 16:09

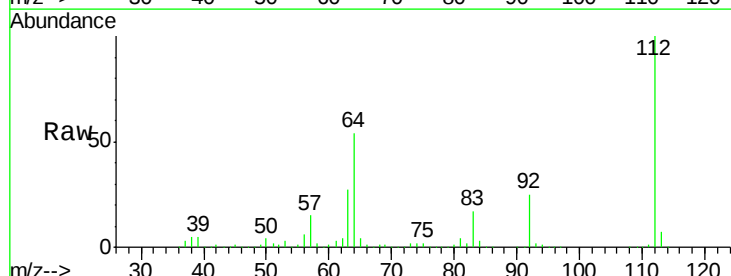
Tgt Ion:112 Resp: 1133094

Ion Ratio Lower Upper

112 100

64 53.6 46.0 69.0

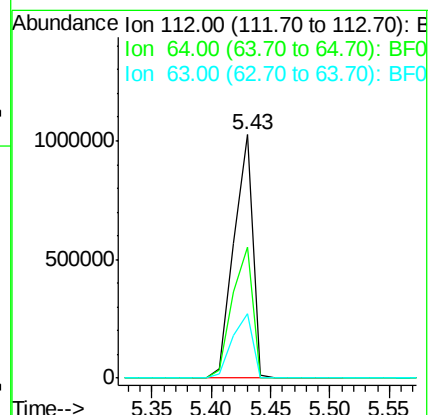
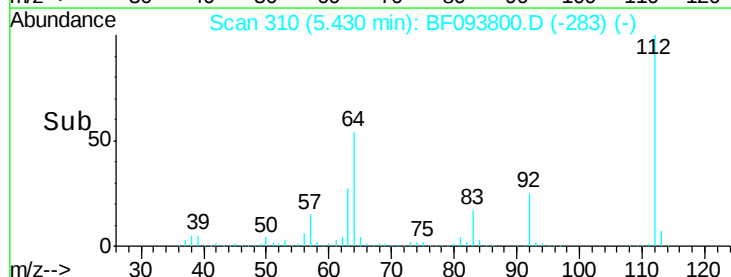
63 26.6 23.4 35.0

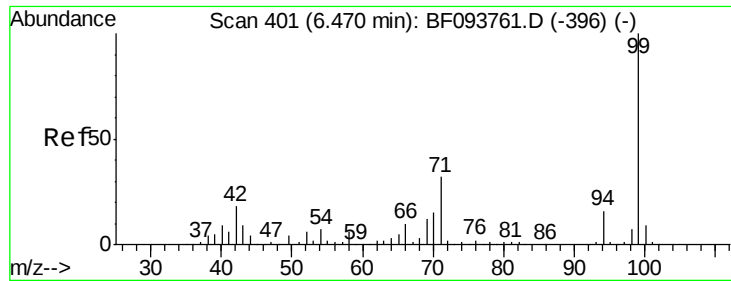


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 95.81 ng

RT: 6.46 min Scan# 400

Delta R.T. -0.00 min

Lab File: BF093800.D

Acq: 21 Mar 2017 16:09

Instrument :

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ClientSampleId :

SGS47-9-11

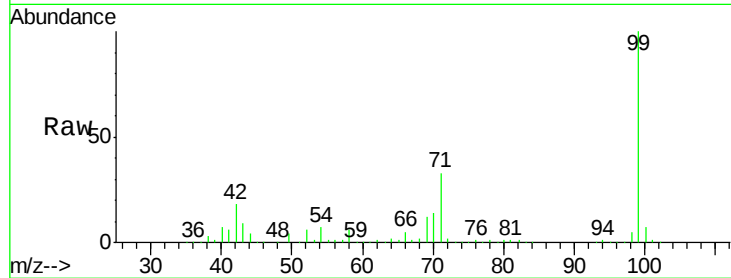
Tgt Ion: 99 Resp: 1344718

Ion Ratio Lower Upper

99 100

42 18.4 13.5 20.3

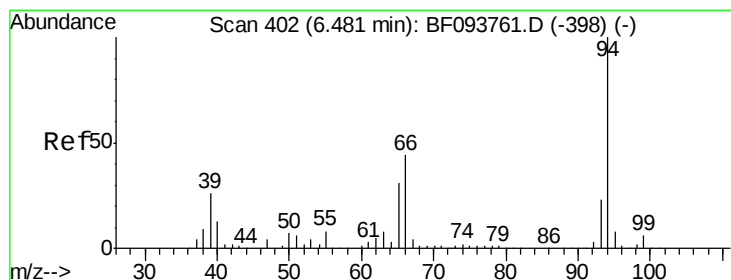
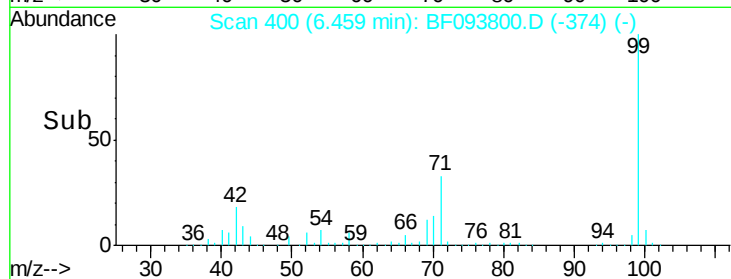
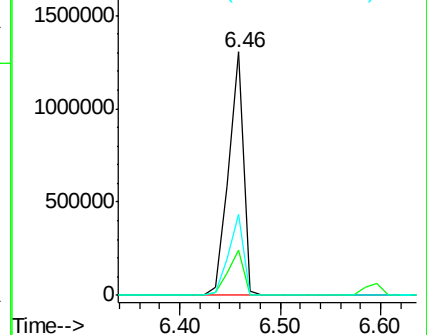
71 33.1 24.5 36.7



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: 4.34 ng

RT: 6.47 min Scan# 401

Delta R.T. -0.00 min

Lab File: BF093800.D

Acq: 21 Mar 2017 16:09

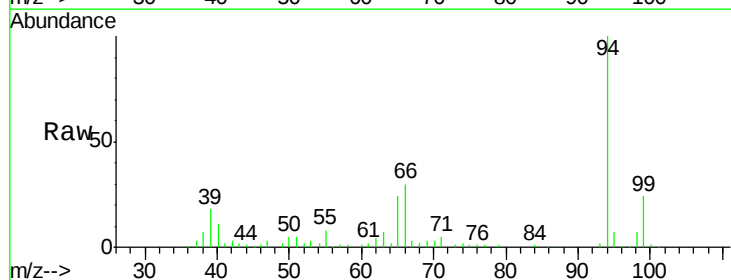
Tgt Ion: 94 Resp: 68547

Ion Ratio Lower Upper

94 100

65 23.8 9.9 49.9

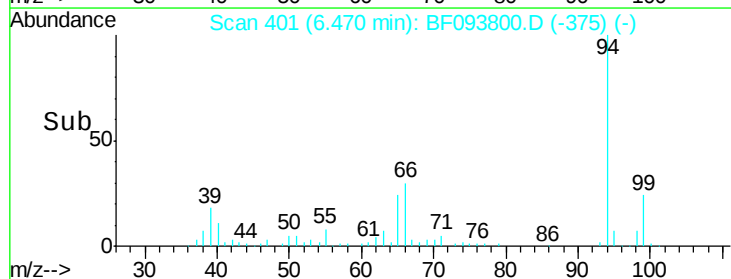
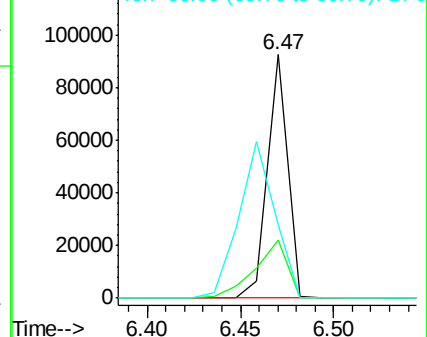
66 30.1 23.1 63.1

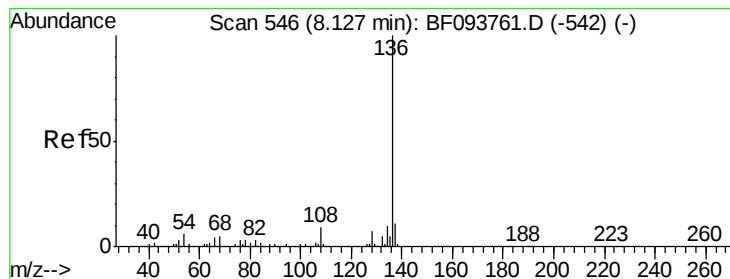


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 8.12 min Scan# 545

Delta R.T. -0.00 min

Lab File: BF093800.D

Acq: 21 Mar 2017 16:09

Instrument :

BNA_F

ClientSampleId :

SGS47-9-11

Tgt Ion: 136 Resp: 808370

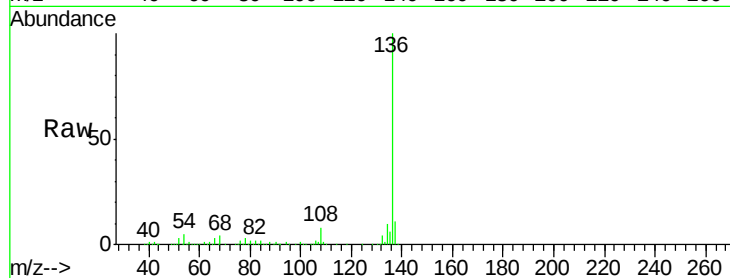
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 5.0 4.9 7.3

68 4.4 4.1 6.1

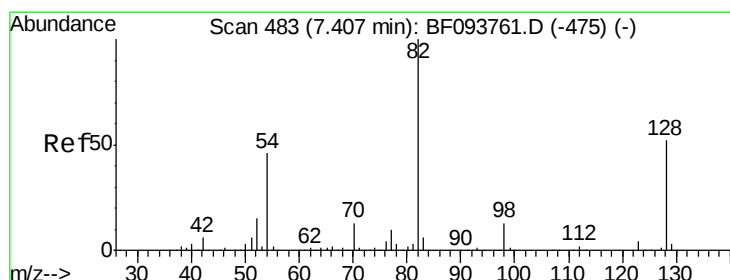
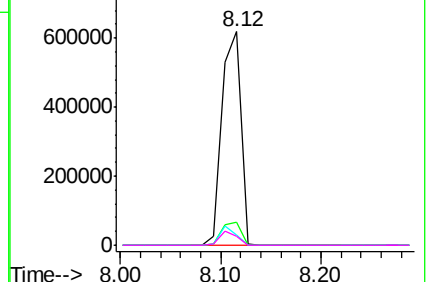
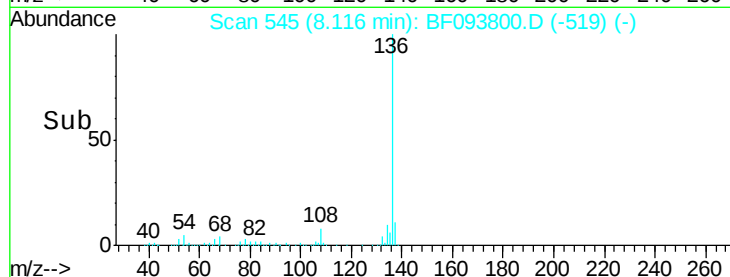


Abundance Ion 136.00 (135.70 to 136.70): E

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: 55.65 ng

RT: 7.38 min Scan# 481

Delta R.T. -0.01 min

Lab File: BF093800.D

Acq: 21 Mar 2017 16:09

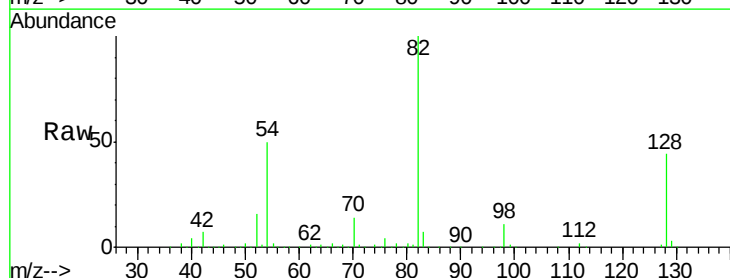
Tgt Ion: 82 Resp: 793053

Ion Ratio Lower Upper

82 100

128 43.8 34.0 51.0

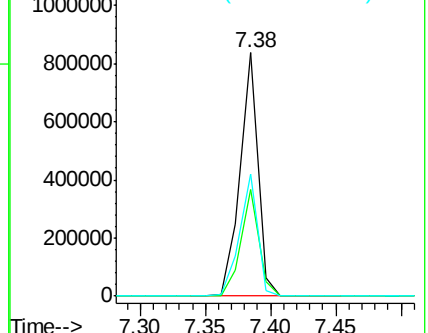
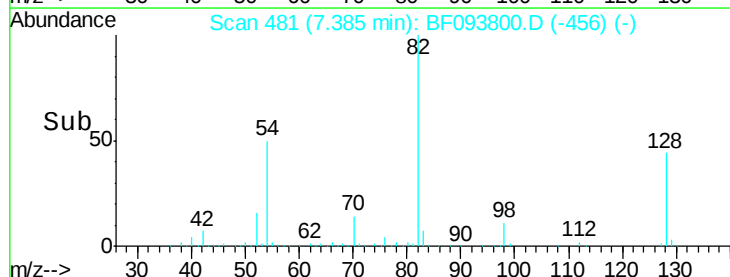
54 50.2 42.2 63.2

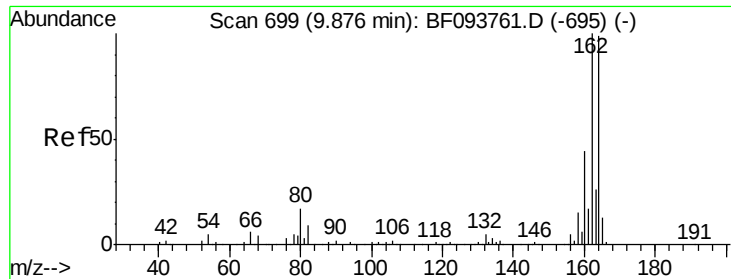


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 698

Delta R.T. -0.00 min

Lab File: BF093800.D

Acq: 21 Mar 2017 16:09

Instrument :

BNA_F

ClientSampleId :

SGS47-9-11

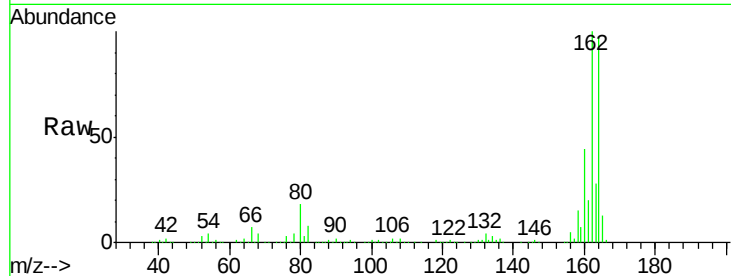
Tgt Ion:164 Resp: 386113

Ion Ratio Lower Upper

164 100

162 102.6 82.6 123.8

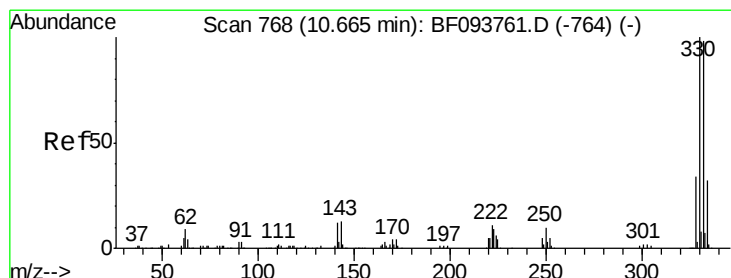
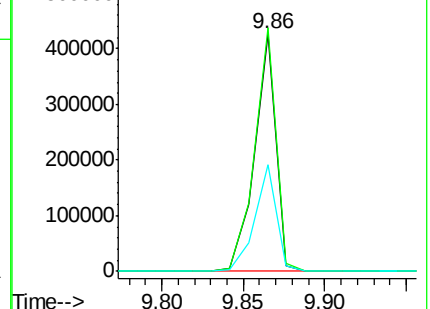
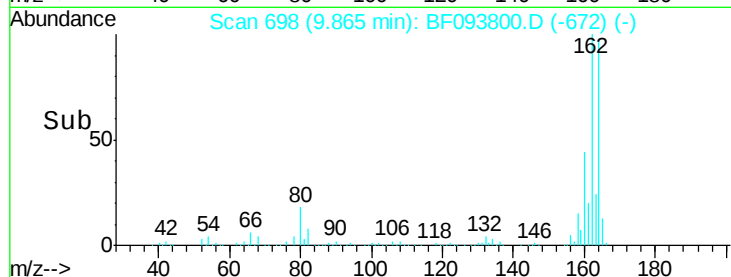
160 44.9 36.2 54.2



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: 94.29 ng

RT: 10.65 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF093800.D

Acq: 21 Mar 2017 16:09

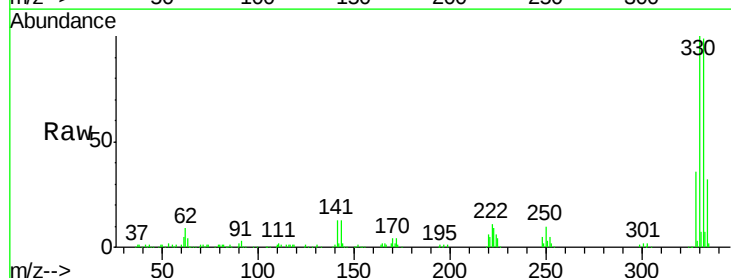
Tgt Ion:330 Resp: 281980

Ion Ratio Lower Upper

330 100

332 97.2 76.6 115.0

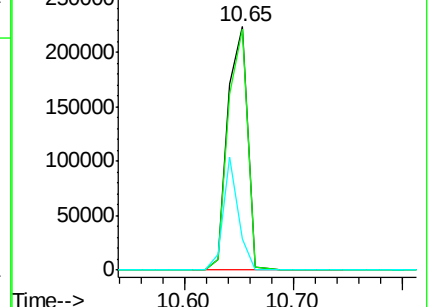
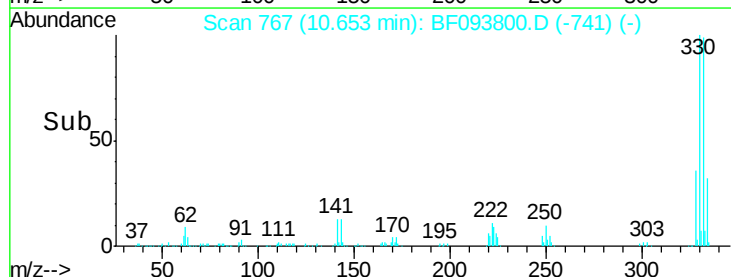
141 36.3 31.4 47.2

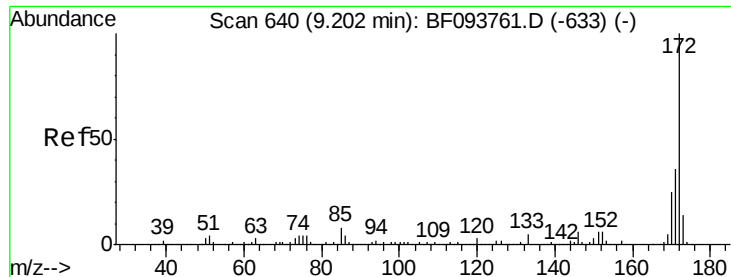


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

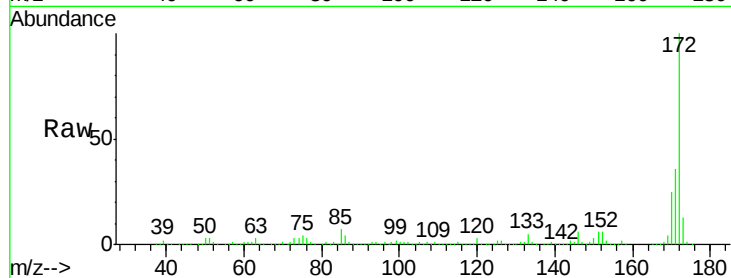




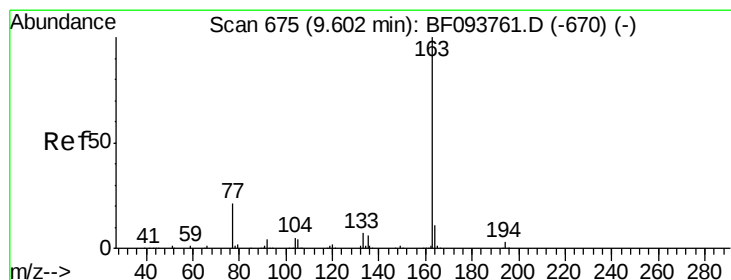
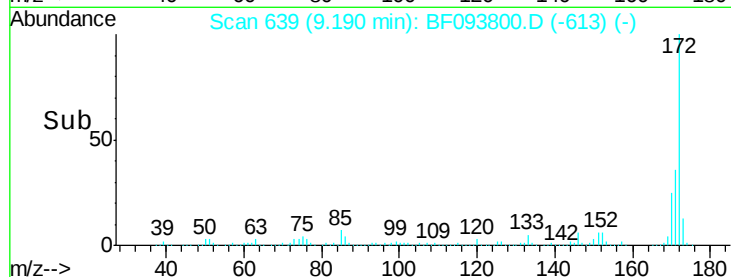
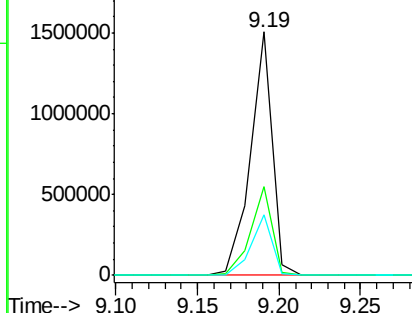
#44
 2-Fluorobiphenyl
 Concen: 60.54 ng
 RT: 9.19 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: BF093800.D
 Acq: 21 Mar 2017 16:09

Instrument :
 BNA_F
 ClientSampleId :
 SGS47-9-11

Tgt Ion:172 Resp: 1390125
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 24.7 19.8 29.8

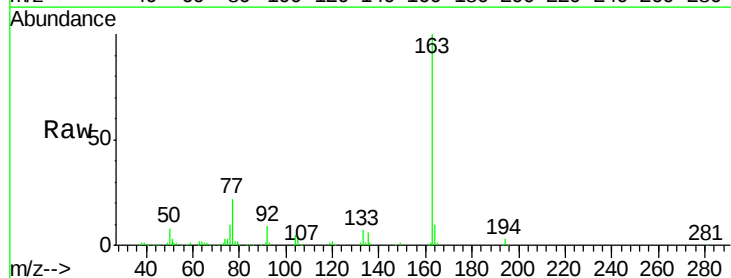


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

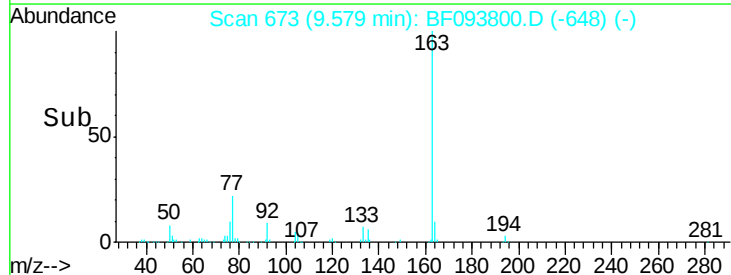
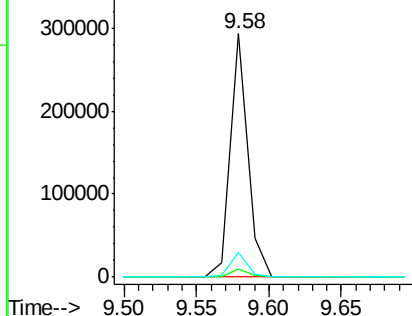


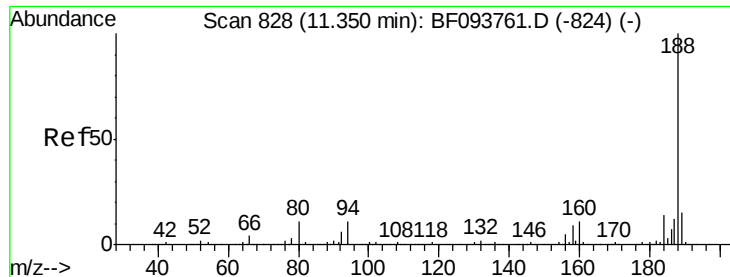
#49
 Dimethylphthalate
 Concen: 8.99 ng
 RT: 9.58 min Scan# 673
 Delta R.T. -0.01 min
 Lab File: BF093800.D
 Acq: 21 Mar 2017 16:09

Tgt Ion:163 Resp: 247030
 Ion Ratio Lower Upper
 163 100
 194 3.2 2.6 4.0
 164 10.2 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

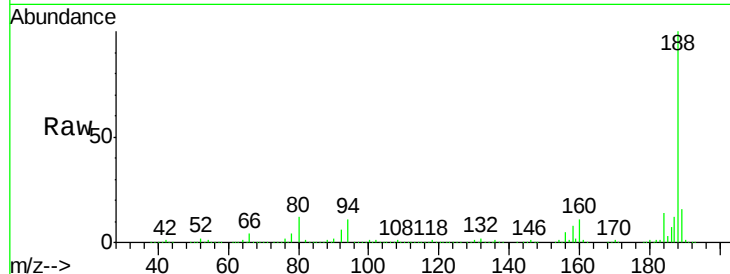




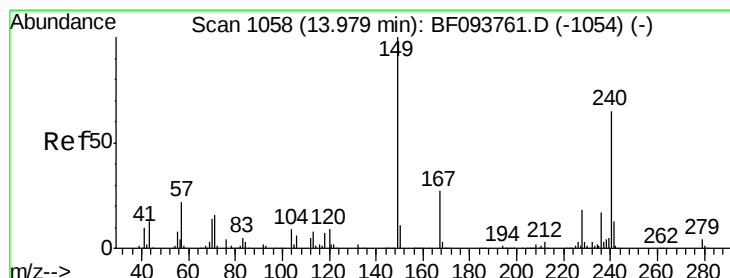
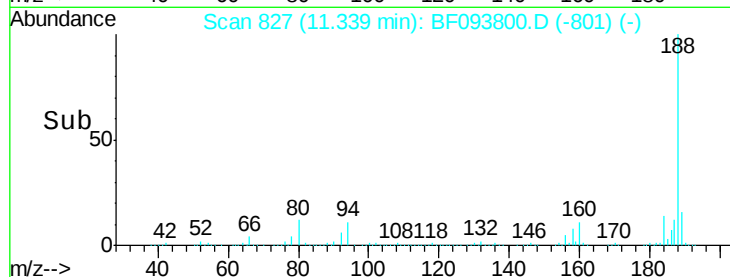
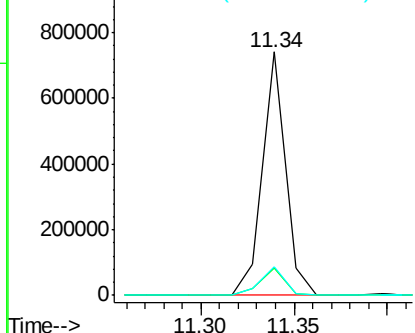
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 827
Delta R.T. -0.00 min
Lab File: BF093800.D
Acq: 21 Mar 2017 16:09

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:188 Resp: 631938
Ion Ratio Lower Upper
188 100
94 11.2 9.4 14.2
80 11.9 10.2 15.2

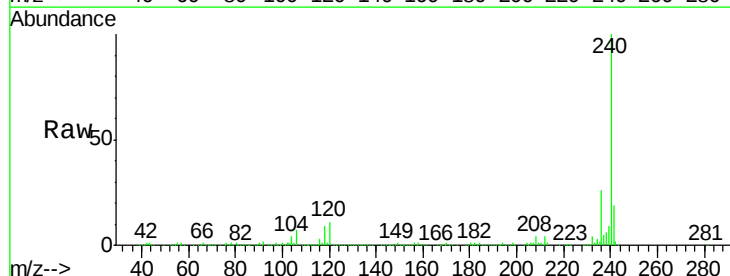


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

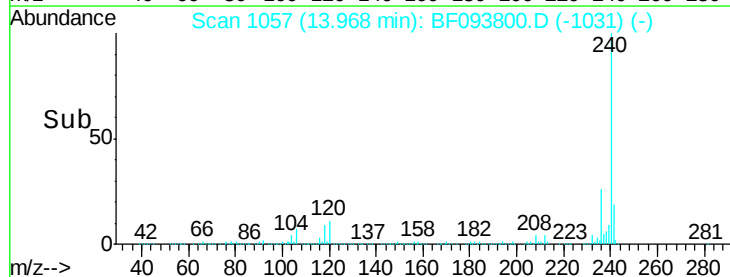
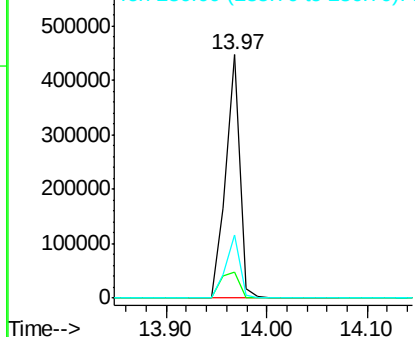


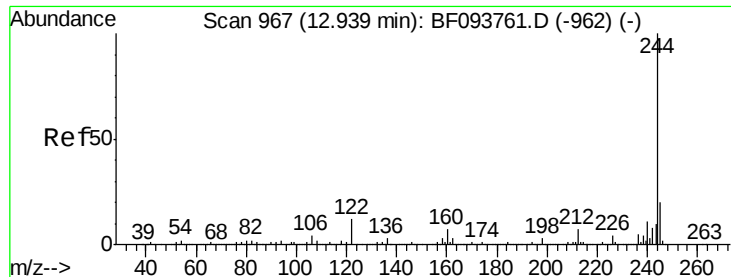
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BF093800.D
Acq: 21 Mar 2017 16:09

Tgt Ion:240 Resp: 438407
Ion Ratio Lower Upper
240 100
120 10.8 5.8 8.8#
236 25.8 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

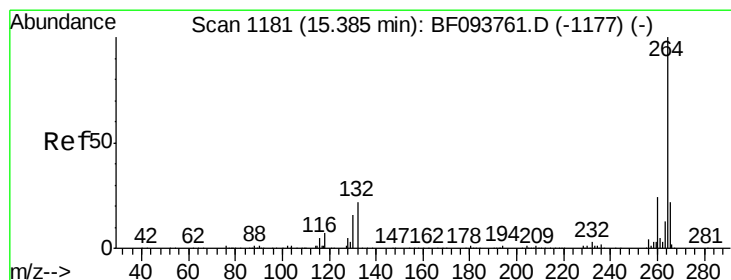
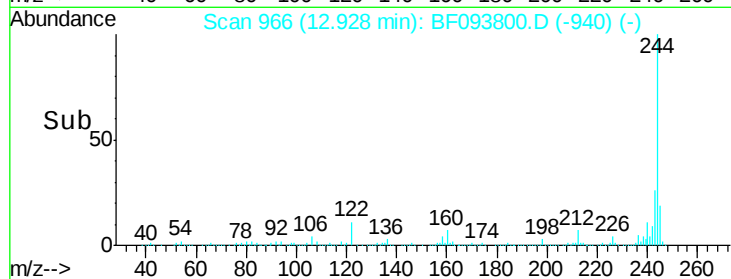
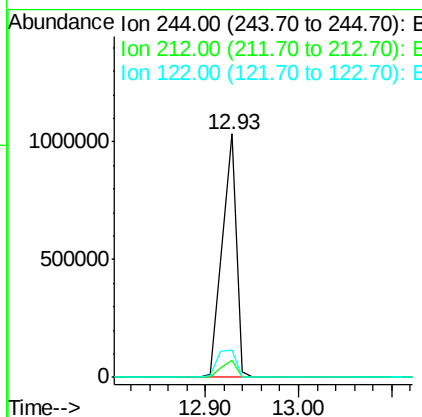
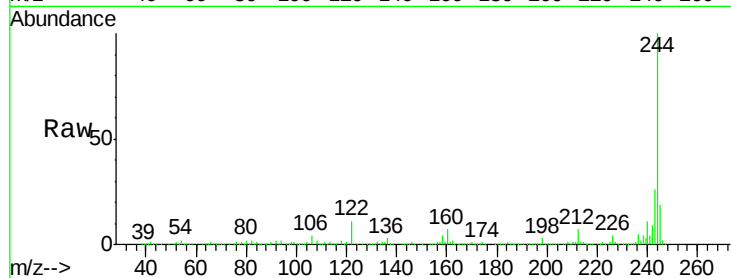




#78
 Terphenyl-d14
 Concen: 49.94 ng
 RT: 12.93 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: BF093800.D
 Acq: 21 Mar 2017 16:09

Instrument :
 BNA_F
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 SGS47-9-11

Tgt Ion:244 Resp: 1073848
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 11.5 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF093800.D
 Acq: 21 Mar 2017 16:09

Tgt Ion:264 Resp: 332747
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.5 29.3
 265 21.5 17.2 25.8

