

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091216\
 Data File : BF090065.D
 Acq On : 12 Sep 2016 16:03
 Operator : UM/SJ
 Sample : H4744-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1A

Quant Time: Sep 13 02:57:00 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 08 16:07:52 2016
 Response via : Initial Calibration

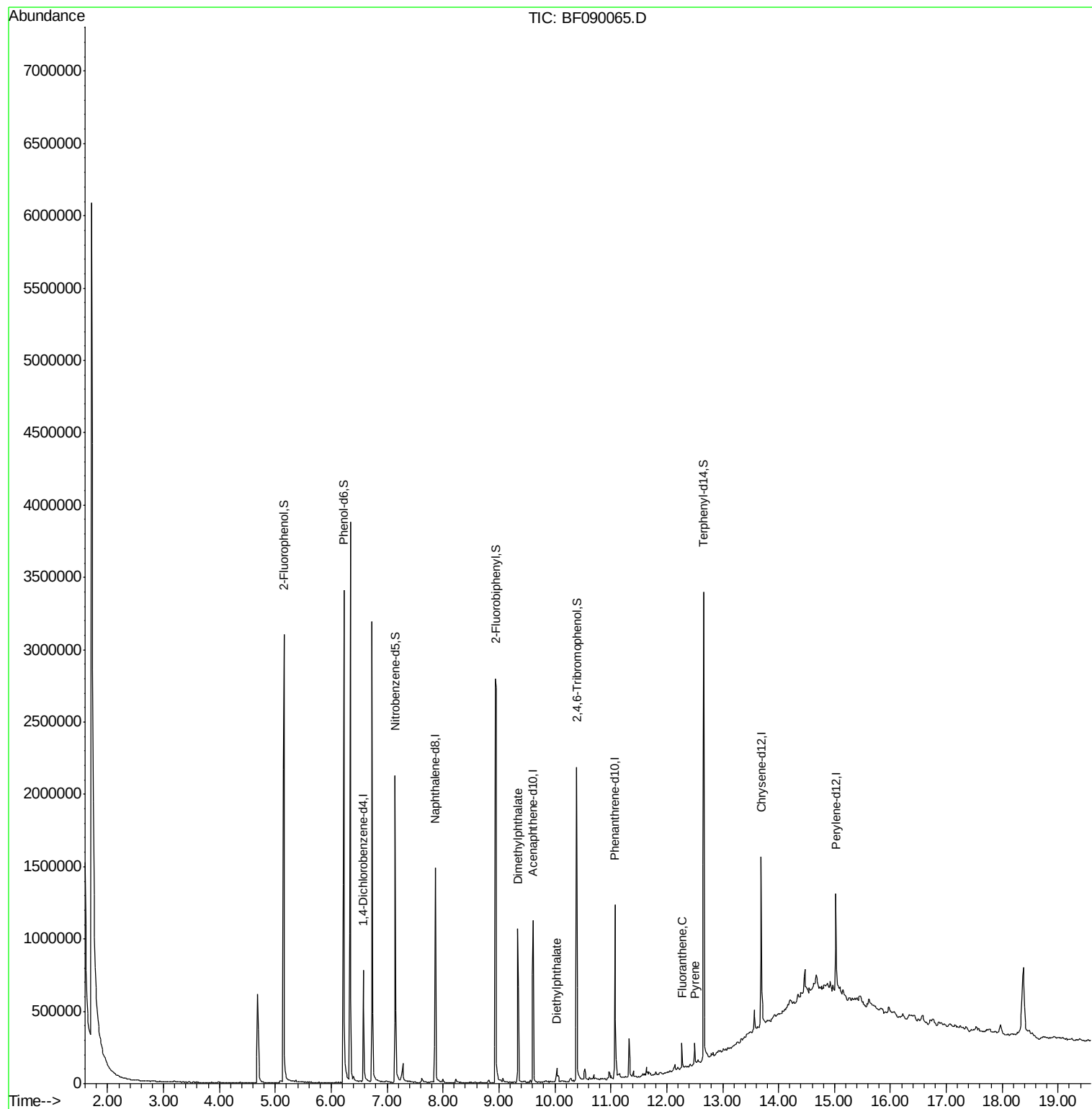
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	166211	20.00	ng	-0.03
21) Naphthalene-d8	7.86	136	694929	20.00	ng	-0.03
38) Acenaphthene-d10	9.61	164	305092	20.00	ng	-0.02
63) Phenanthrene-d10	11.07	188	544859	20.00	ng	-0.03
75) Chrysene-d12	13.69	240	487393	20.00	ng	-0.03
86) Perylene-d12	15.03	264	346980	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	1207359	116.27	ng	-0.01
7) Phenol-d6	6.23	99	1332510	105.61	ng	-0.02
23) Nitrobenzene-d5	7.14	82	770071	64.27	ng	-0.03
41) 2,4,6-Tribromophenol	10.39	330	297575	98.86	ng	-0.03
44) 2-Fluorobiphenyl	8.95	172	1505429	81.00	ng	-0.02
78) Terphenyl-d14	12.66	244	1269519	64.34	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.34	163	612998	27.80	ng	99
59) Diethylphthalate	10.03	149	54135	2.61	ng	98
74) Fluoranthene	12.27	202	77013	2.71	ng	96
77) Pyrene	12.50	202	79226	2.31	ng	97

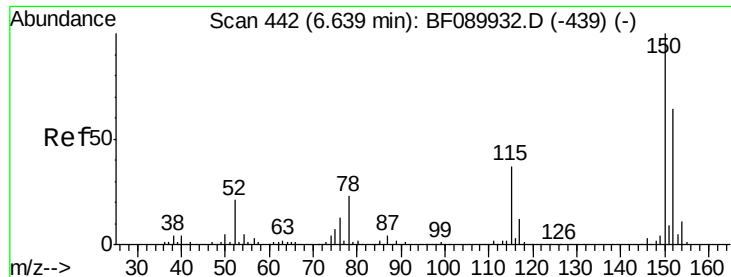
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.57 min Scan# 436

Delta R.T. -0.03 min

Lab File: BF090065.D

Acq: 12 Sep 2016 16:03

Instrument :

BNA_F

ClientSampleId :

SP-1A

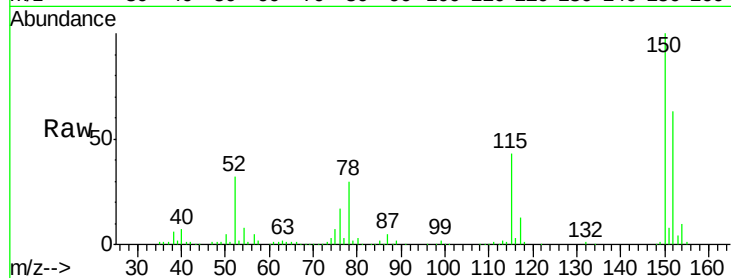
Tgt Ion:152 Resp: 166211

Ion Ratio Lower Upper

152 100

150 158.4 127.4 191.2

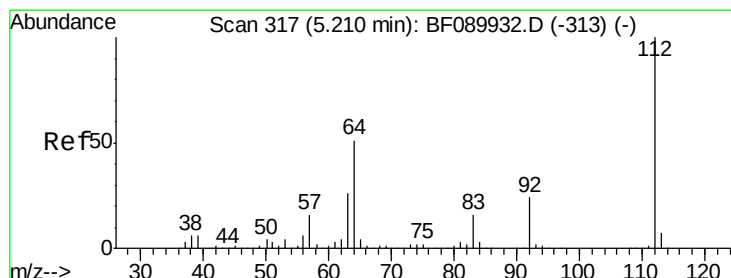
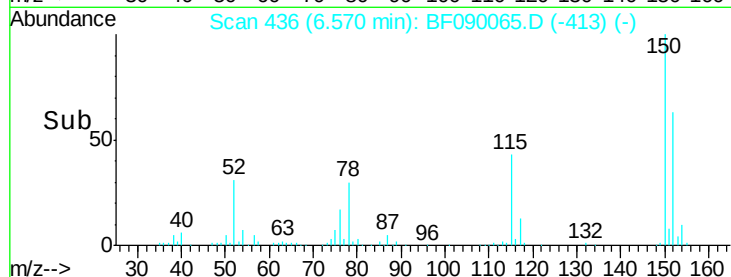
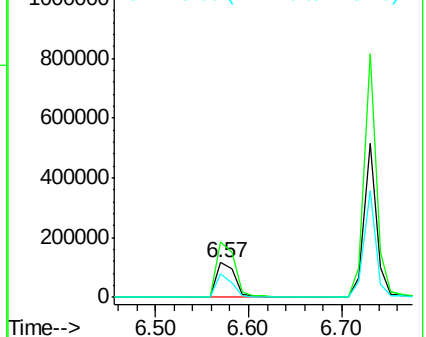
115 68.2 46.3 69.5



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: 116.27 ng

RT: 5.15 min Scan# 312

Delta R.T. -0.01 min

Lab File: BF090065.D

Acq: 12 Sep 2016 16:03

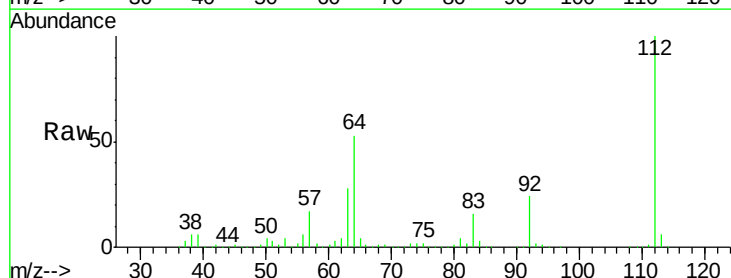
Tgt Ion:112 Resp: 1207359

Ion Ratio Lower Upper

112 100

64 53.2 41.1 61.7

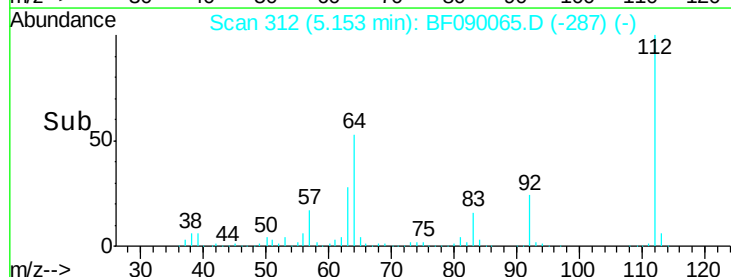
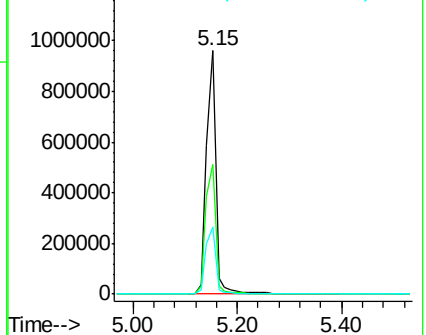
63 27.6 21.2 31.8

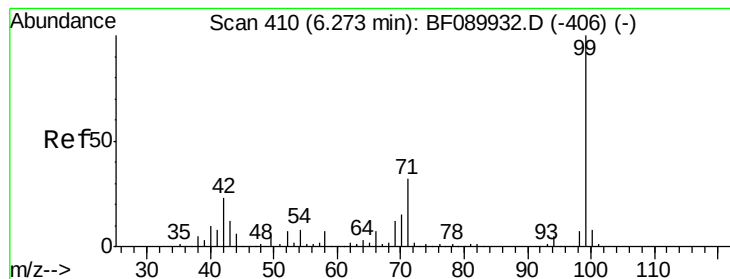


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 105.61 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.02 min

Lab File: BF090065.D

Acq: 12 Sep 2016 16:03

Instrument :

BNA_F

ClientSampleId :

SP-1A

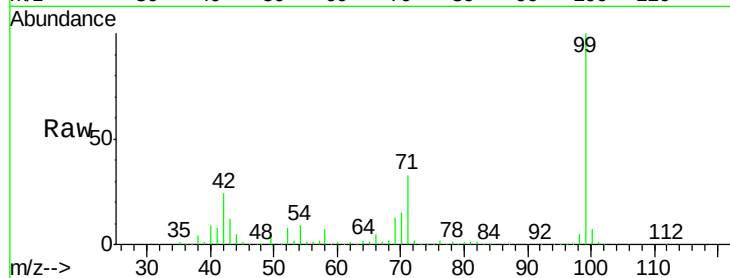
Tgt Ion: 99 Resp: 1332510

Ion Ratio Lower Upper

99 100

42 23.6 18.6 27.8

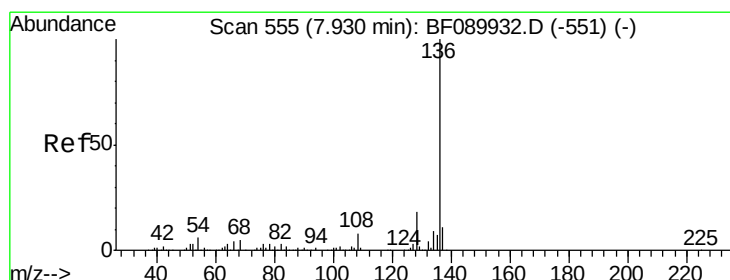
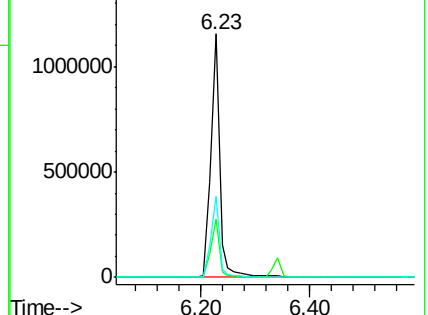
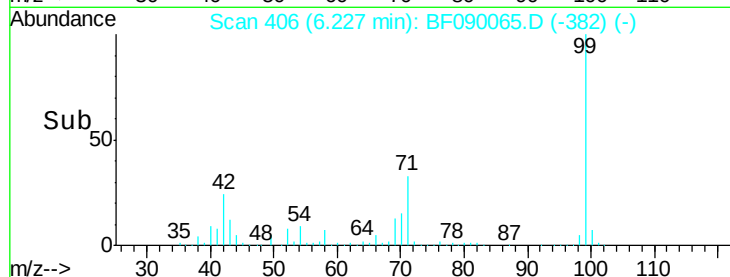
71 33.3 25.8 38.6



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: 7.86 min Scan# 549

Delta R.T. -0.03 min

Lab File: BF090065.D

Acq: 12 Sep 2016 16:03

Tgt Ion: 136 Resp: 694929

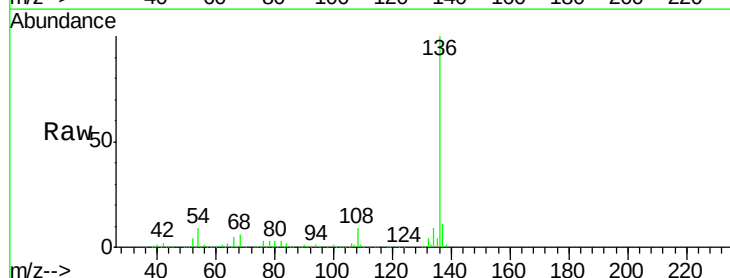
Ion Ratio Lower Upper

136 100

137 10.8 8.3 12.5

54 8.7 4.8 7.2#

68 5.8 3.7 5.5#

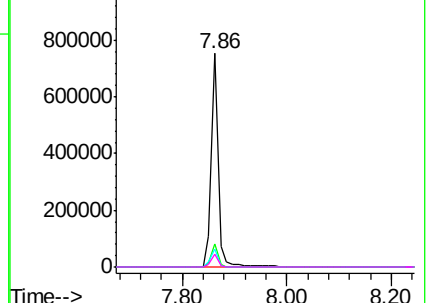
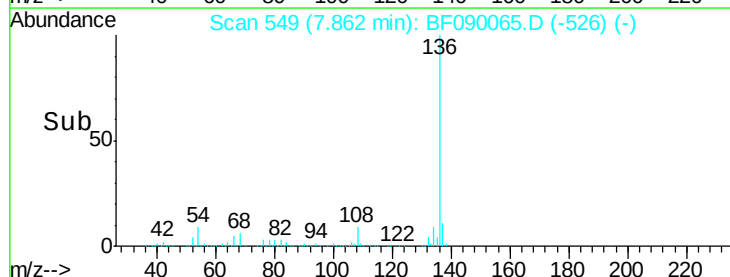


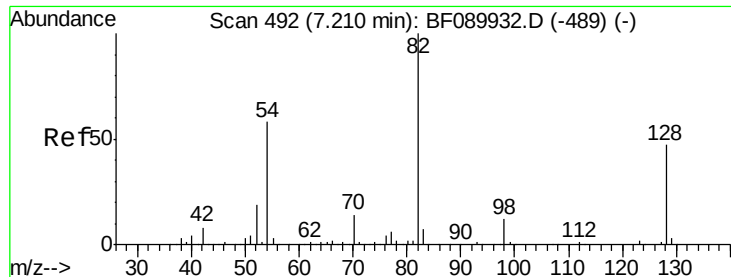
Abundance Ion 136.00 (135.70 to 136.70): E

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

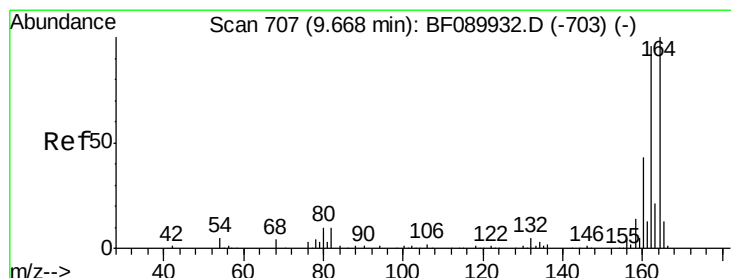
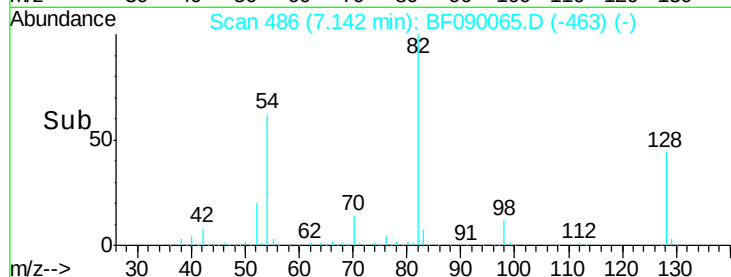
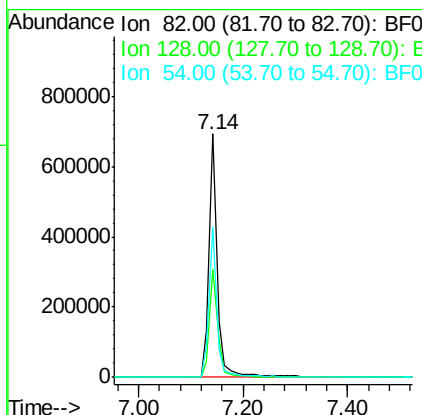
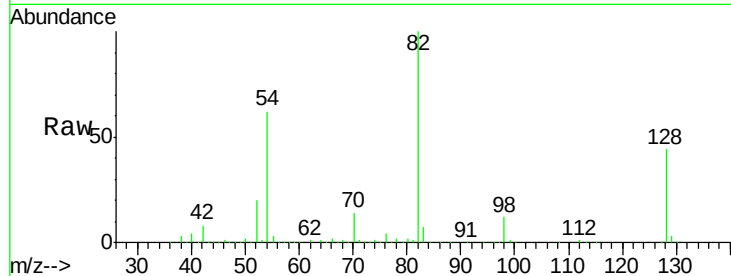




#23
 Nitrobenzene-d5
 Concen: 64.27 ng
 RT: 7.14 min Scan# 486
 Delta R.T. -0.03 min
 Lab File: BF090065.D
 Acq: 12 Sep 2016 16:03

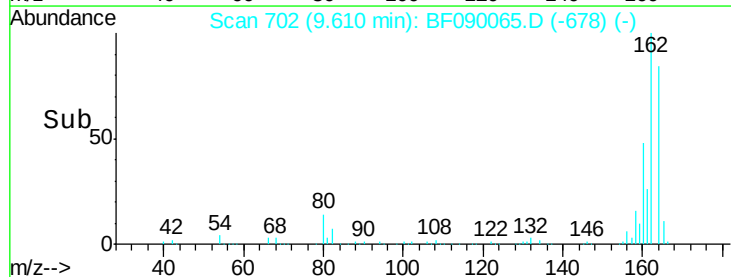
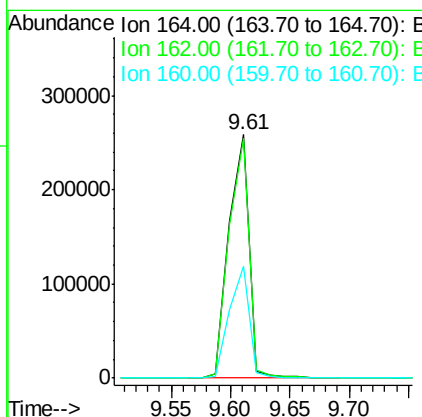
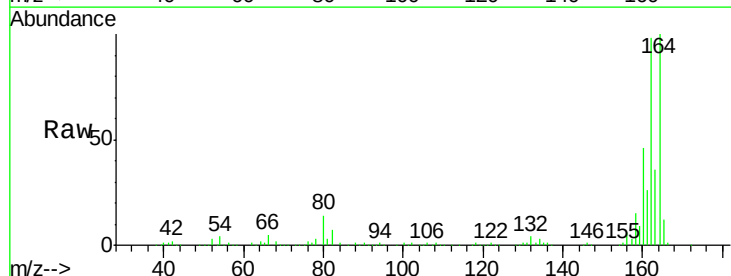
Instrument :
 BNA_F
 ClientSampled :
 SP-1A

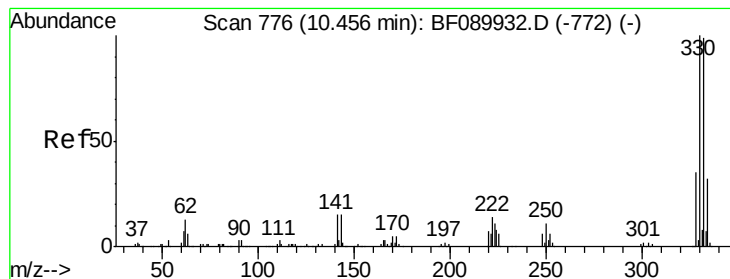
Tgt Ion: 82 Resp: 770071
 Ion Ratio Lower Upper
 82 100
 128 44.3 37.8 56.8
 54 61.8 46.9 70.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.61 min Scan# 702
 Delta R.T. -0.02 min
 Lab File: BF090065.D
 Acq: 12 Sep 2016 16:03

Tgt Ion: 164 Resp: 305092
 Ion Ratio Lower Upper
 164 100
 162 98.3 77.1 115.7
 160 45.9 35.3 52.9

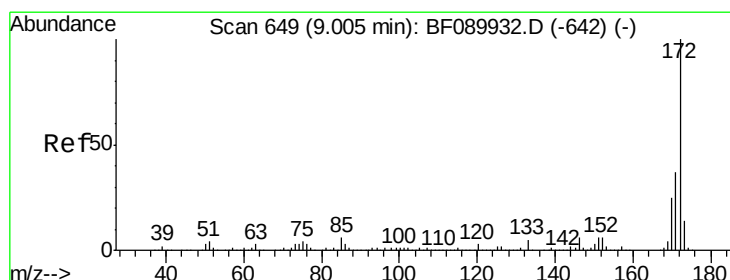
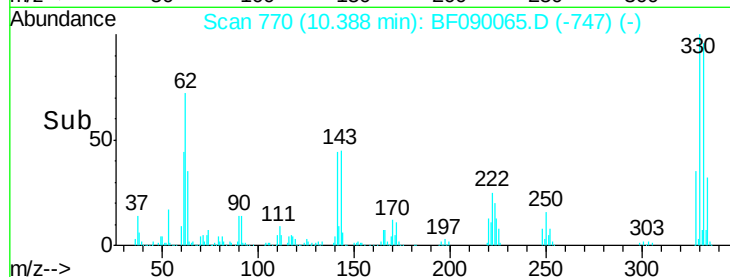
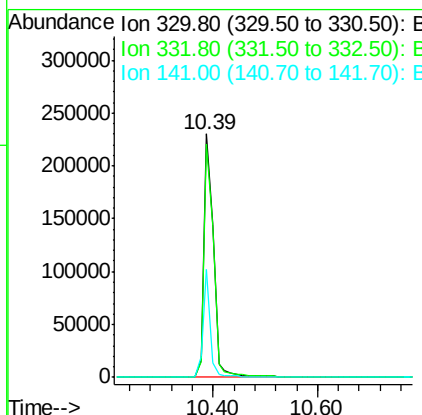
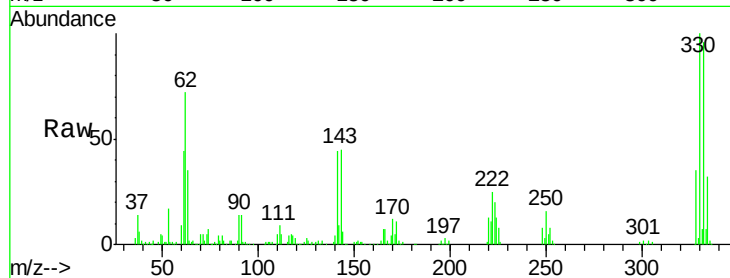




#41
 2,4,6-Tribromophenol
 Concen: 98.86 ng
 RT: 10.39 min Scan# 770
 Delta R.T. -0.03 min
 Lab File: BF090065.D
 Acq: 12 Sep 2016 16:03

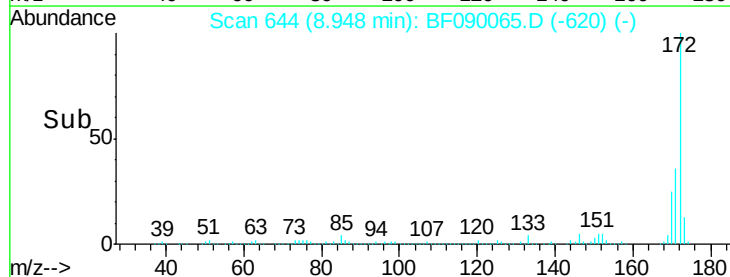
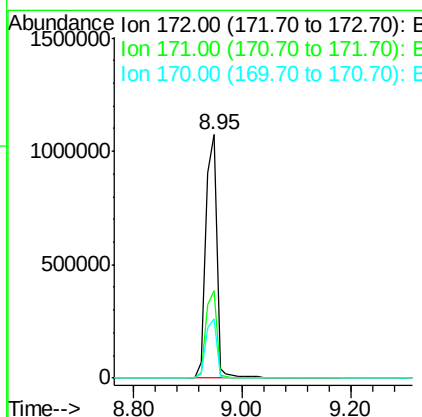
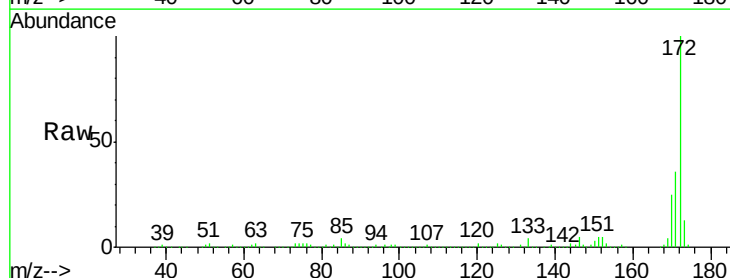
Instrument :
 BNA_F
 ClientSampleId :
 SP-1A

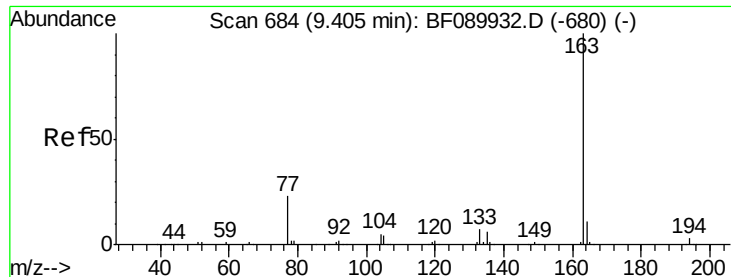
Tgt Ion:330 Resp: 297575
 Ion Ratio Lower Upper
 330 100
 332 96.9 78.6 117.8
 141 33.8 23.3 34.9



#44
 2-Fluorobiphenyl
 Concen: 81.00 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.02 min
 Lab File: BF090065.D
 Acq: 12 Sep 2016 16:03

Tgt Ion:172 Resp: 1505429
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.2
 170 24.6 20.1 30.1





#49

Dimethylphthalate

Concen: 27.80 ng

RT: 9.34 min Scan# 678

Delta R.T. -0.05 min

Lab File: BF090065.D

Acq: 12 Sep 2016 16:03

Instrument :

BNA_F

ClientSampleId :

SP-1A

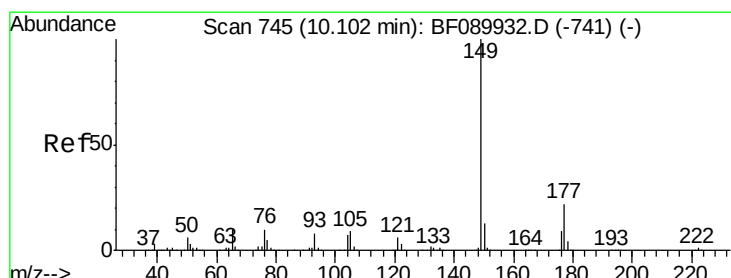
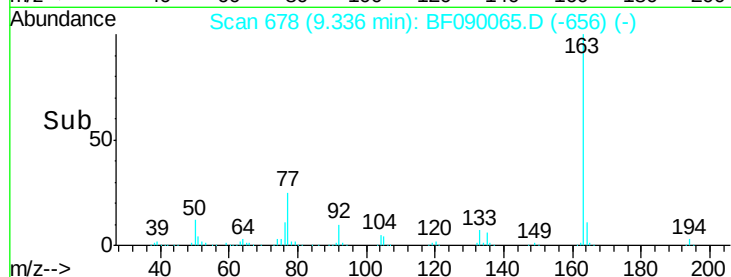
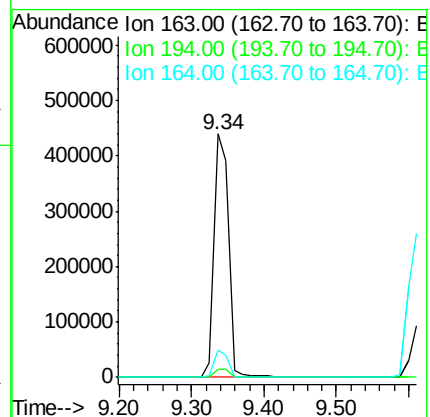
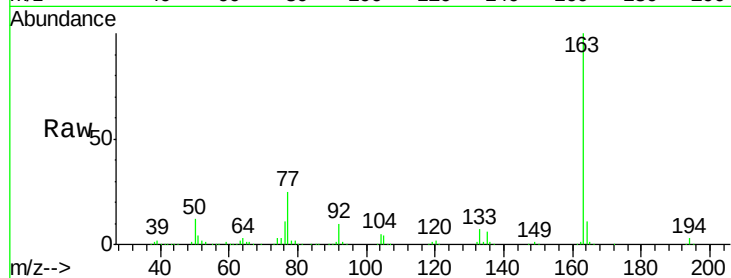
Tgt Ion:163 Resp: 612998

Ion Ratio Lower Upper

163 100

194 3.1 2.7 4.1

164 11.0 9.0 13.4



#59

Diethylphthalate

Concen: 2.61 ng

RT: 10.03 min Scan# 739

Delta R.T. -0.03 min

Lab File: BF090065.D

Acq: 12 Sep 2016 16:03

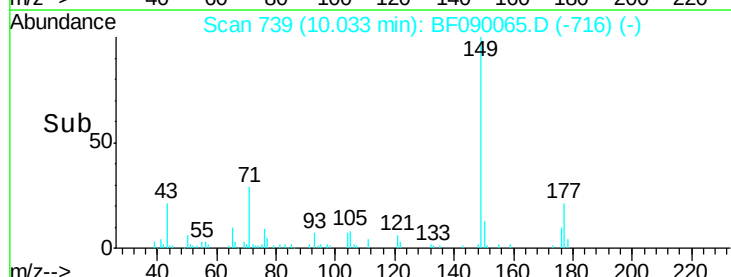
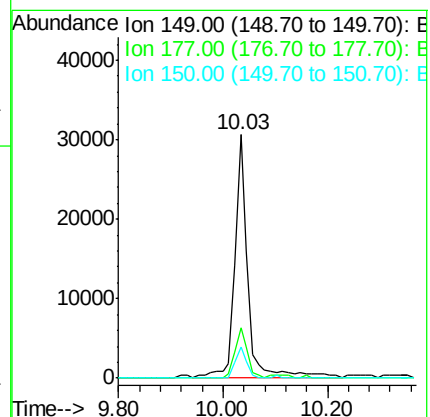
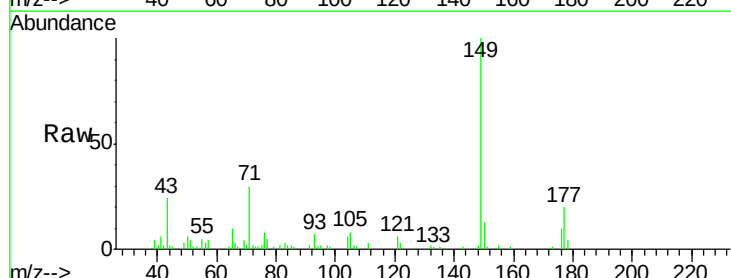
Tgt Ion:149 Resp: 54135

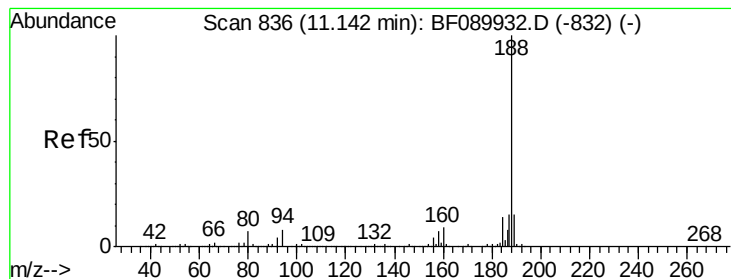
Ion Ratio Lower Upper

149 100

177 20.4 17.7 26.5

150 12.6 10.2 15.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.07 min Scan# 830

Delta R.T. -0.03 min

Lab File: BF090065.D

Acq: 12 Sep 2016 16:03

Instrument :

BNA_F

ClientSampleId :

SP-1A

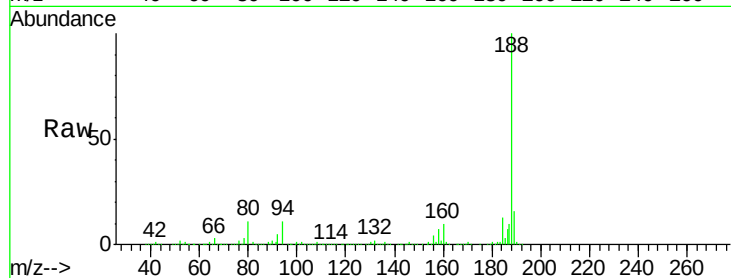
Tgt Ion:188 Resp: 544859

Ion Ratio Lower Upper

188 100

94 10.5 5.9 8.9#

80 10.7 5.8 8.8#

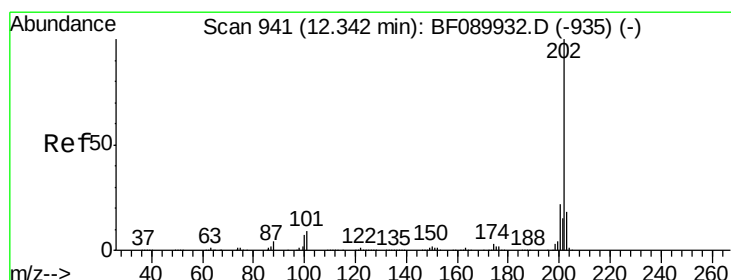
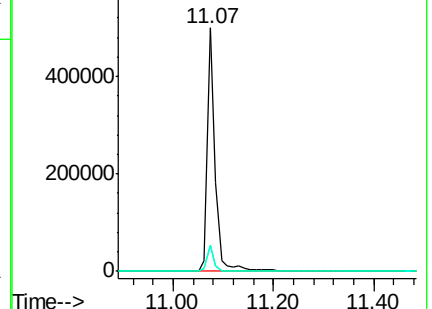
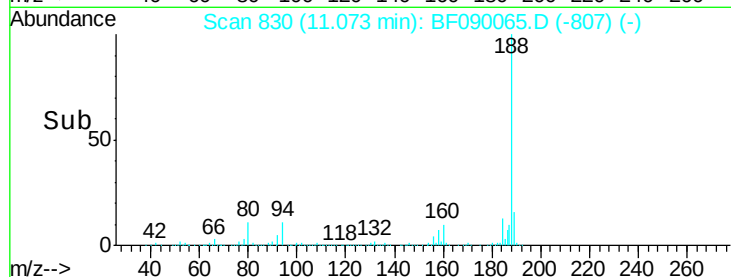


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

Time-->



#74

Fluoranthene

Concen: 2.71 ng

RT: 12.27 min Scan# 935

Delta R.T. -0.03 min

Lab File: BF090065.D

Acq: 12 Sep 2016 16:03

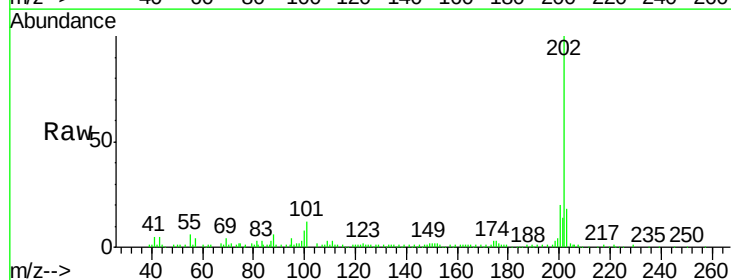
Tgt Ion:202 Resp: 77013

Ion Ratio Lower Upper

202 100

101 12.3 0.0 28.5

203 18.3 0.0 38.0

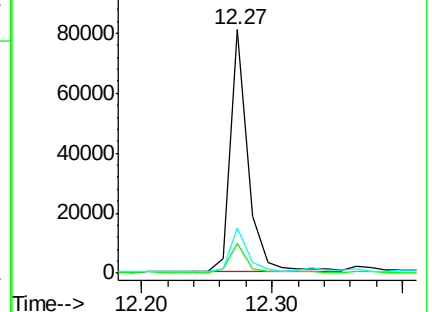
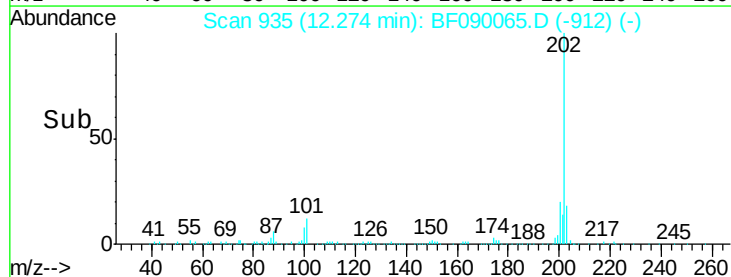


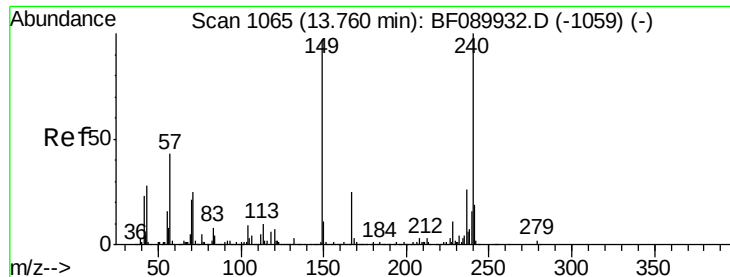
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.69 min Scan# 1059

Delta R.T. -0.03 min

Lab File: BF090065.D

Acq: 12 Sep 2016 16:03

Instrument :

BNA_F

ClientSampleId :

SP-1A

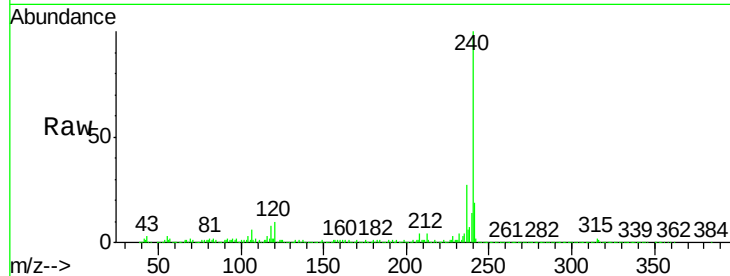
Tgt Ion:240 Resp: 487393

Ion Ratio Lower Upper

240 100

120 9.6 5.7 8.5#

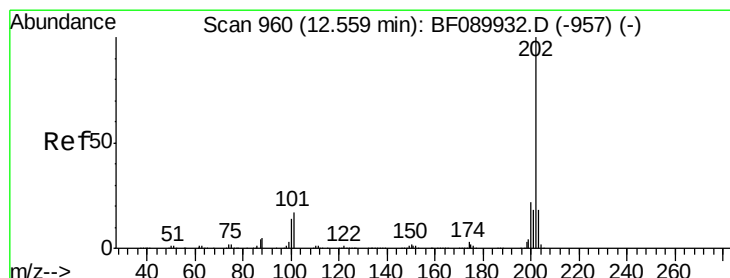
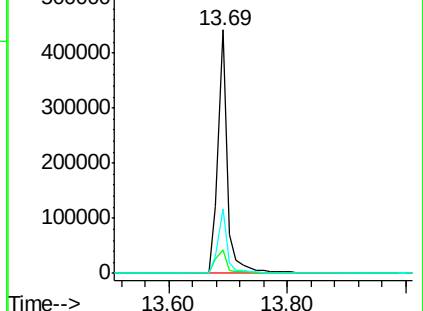
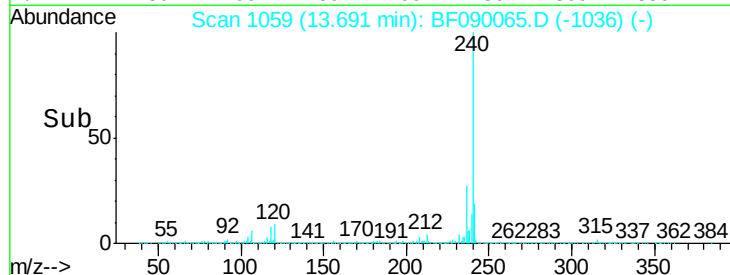
236 26.7 21.3 31.9



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



#77

Pyrene

Concen: 2.31 ng

RT: 12.50 min Scan# 955

Delta R.T. -0.03 min

Lab File: BF090065.D

Acq: 12 Sep 2016 16:03

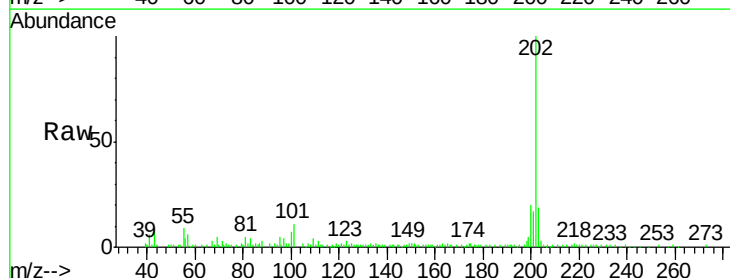
Tgt Ion:202 Resp: 79226

Ion Ratio Lower Upper

202 100

200 20.0 17.6 26.4

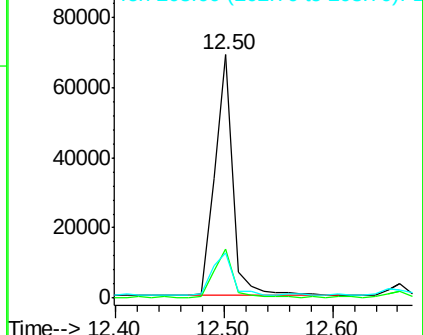
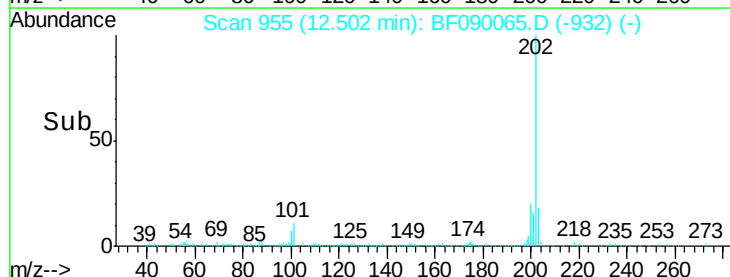
203 18.8 14.6 21.8

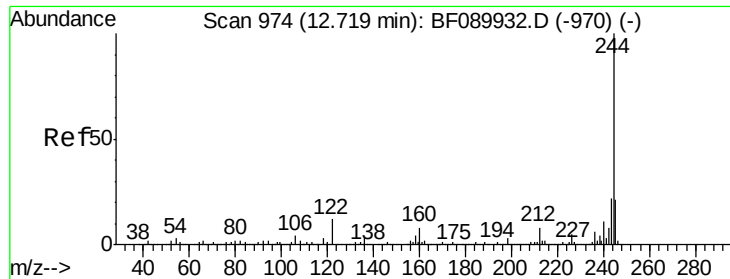


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 64.34 ng

RT: 12.66 min Scan# 969

Delta R.T. -0.02 min

Lab File: BF090065.D

Acq: 12 Sep 2016 16:03

Instrument :

BNA_F

ClientSampleID :

SP-1A

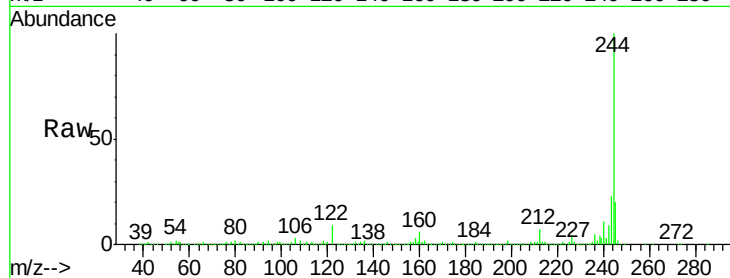
Tgt Ion:244 Resp: 1269519

Ion Ratio Lower Upper

244 100

212 7.0 6.1 9.1

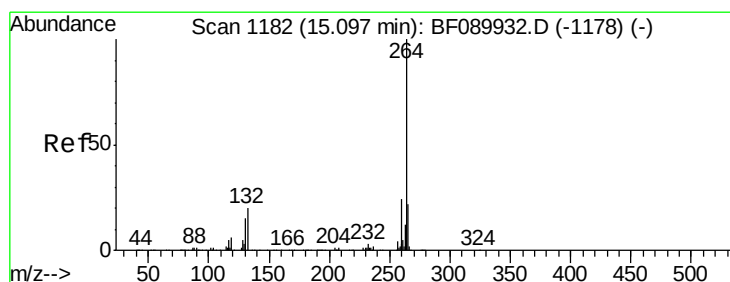
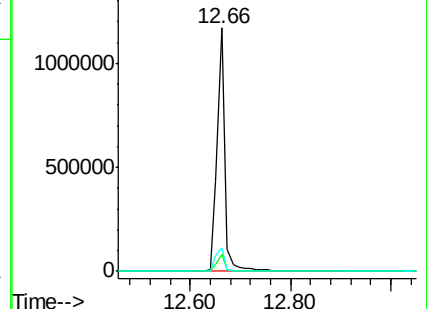
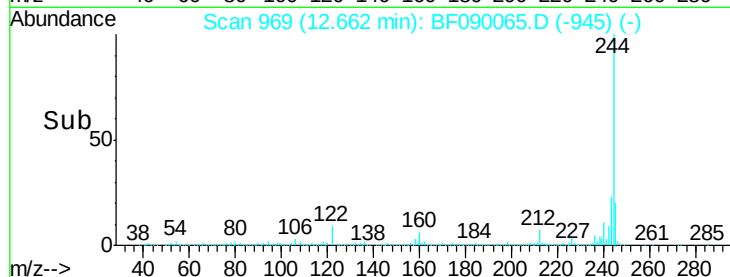
122 9.4 9.6 14.4#



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: 15.03 min Scan# 1176

Delta R.T. -0.03 min

Lab File: BF090065.D

Acq: 12 Sep 2016 16:03

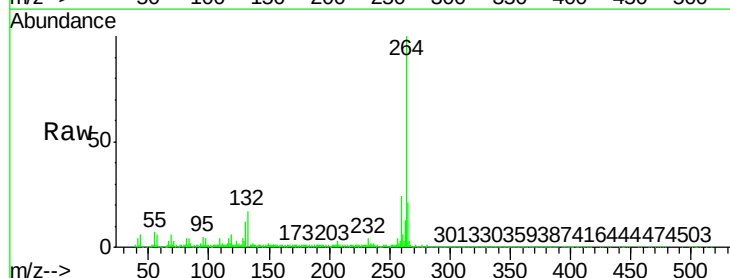
Tgt Ion:264 Resp: 346980

Ion Ratio Lower Upper

264 100

260 24.4 19.4 29.0

265 21.4 17.4 26.2



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

