

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080116\
 Data File : BF089534.D
 Acq On : 2 Aug 2016 2:55
 Operator : UM/SJ
 Sample : H4288-06
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-65-5.0-6.0

Quant Time: Aug 02 03:59:57 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 02 02:21:57 2016
 Response via : Initial Calibration

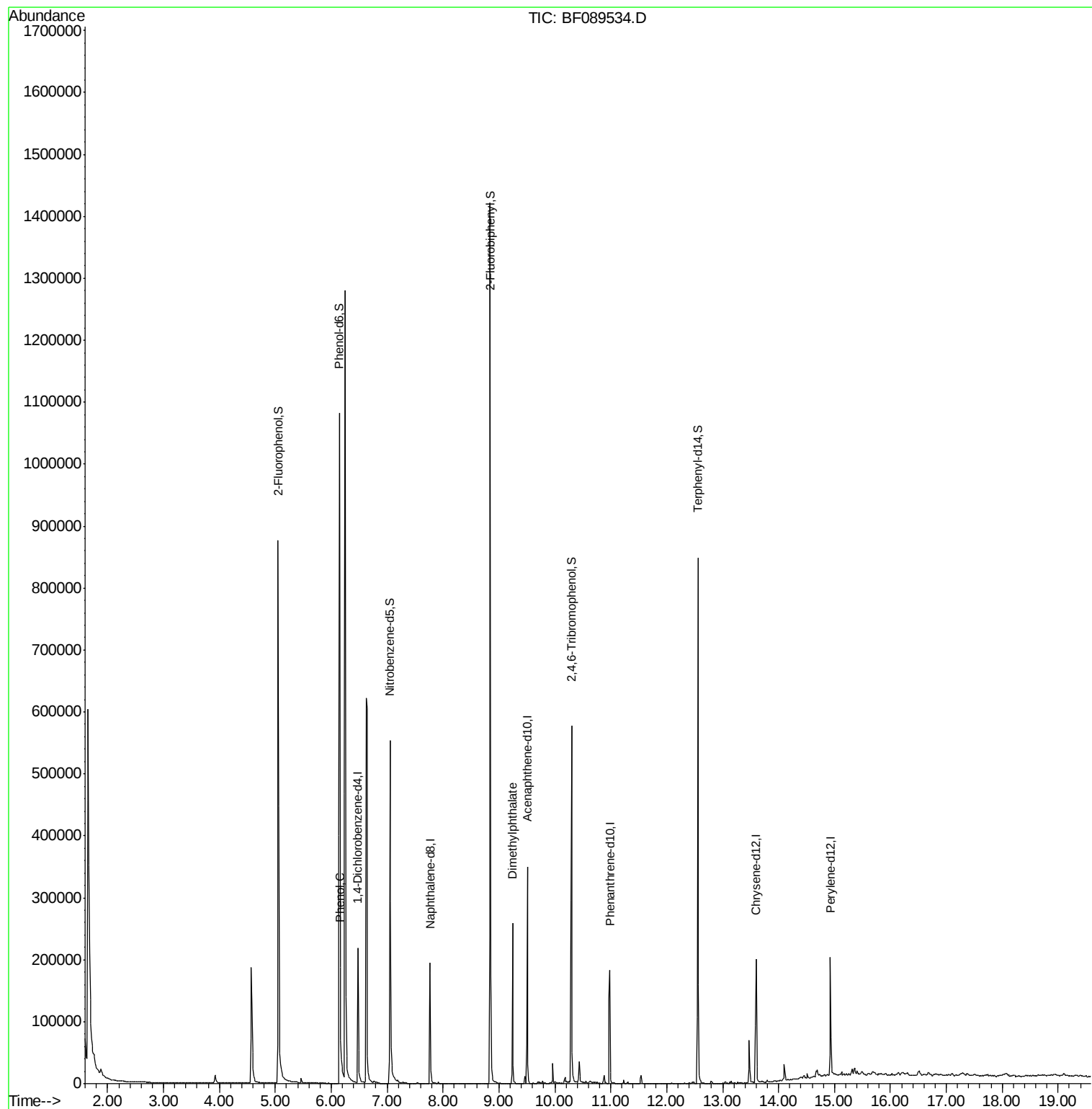
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	39856	20.00	ng	0.00
21) Naphthalene-d8	7.77	136	148929	20.00	ng	0.00
38) Acenaphthene-d10	9.51	164	66386	20.00	ng	-0.01
63) Phenanthrene-d10	10.98	188	101634	20.00	ng	0.00
75) Chrysene-d12	13.60	240	82107	20.00	ng	-0.01
86) Perylene-d12	14.93	264	76576	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	334681	134.08	ng	0.01
7) Phenol-d6	6.15	99	461430	139.88	ng	0.00
23) Nitrobenzene-d5	7.05	82	264538	104.85	ng	-0.01
41) 2,4,6-Tribromophenol	10.30	330	72218	131.35	ng	-0.01
44) 2-Fluorobiphenyl	8.84	172	436596	96.52	ng	-0.01
78) Terphenyl-d14	12.56	244	251757	71.76	ng	-0.01
Target Compounds						
10) Phenol	6.16	94	8633	2.37	ng	Qvalue # 79
49) Dimethylphthalate	9.24	163	96559	19.11	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: 6.48 min Scan# 428

Delta R.T. -0.00 min

Lab File: BF089534.D

Acq: 2 Aug 2016 2:55

Instrument :

BNA_F

ClientSampleId :

SB-65-5.0-6.0

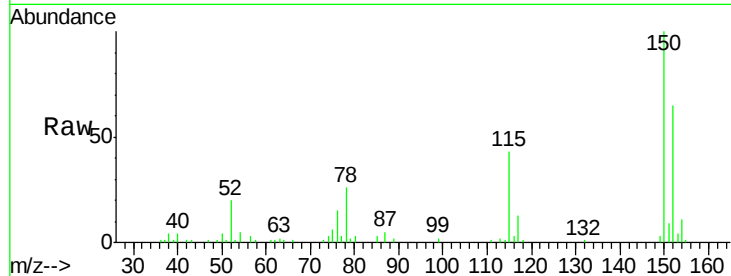
Tot Ion:152 Resp: 39856

Ion Ratio Lower Upper

152 100

150 154.4 129.5 194.3

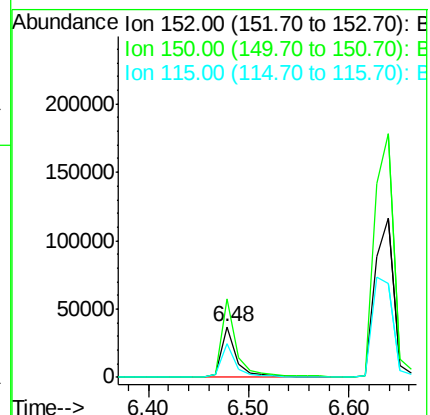
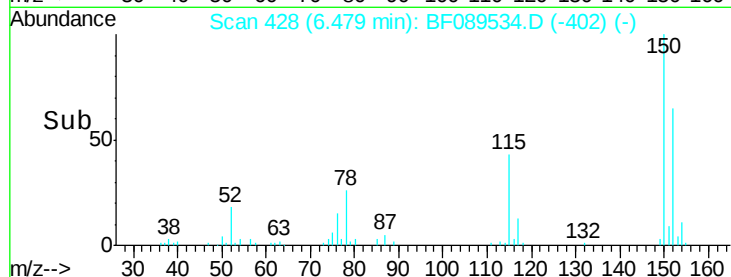
115 65.8 51.4 77.2



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: 134.08 ng

RT: 5.05 min Scan# 303

Delta R.T. 0.01 min

Lab File: BF089534.D

Acq: 2 Aug 2016 2:55

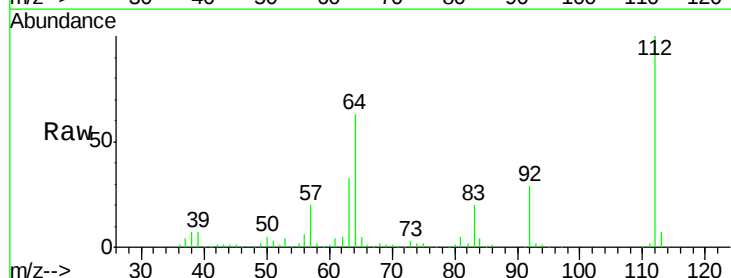
Tgt Ion:112 Resp: 334681

Ion Ratio Lower Upper

112 100

64 62.6 55.0 82.6

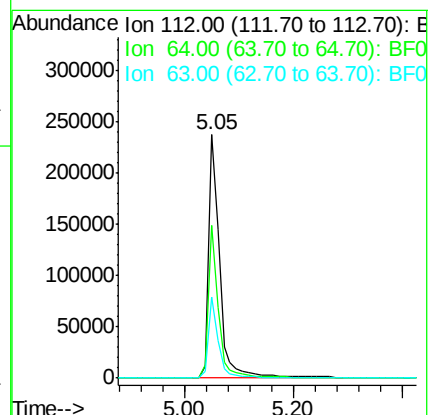
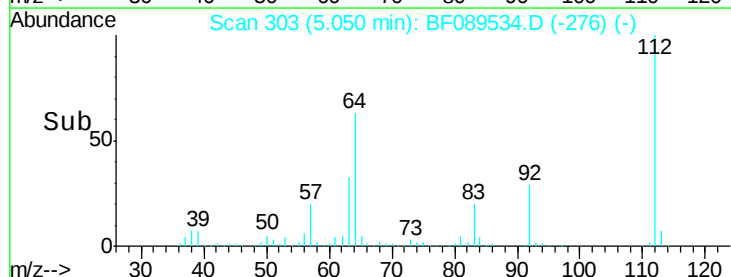
63 33.4 29.4 44.2



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: 139.88 ng

RT: 6.15 min Scan# 399

Delta R.T. -0.00 min

Lab File: BF089534.D

Acq: 2 Aug 2016 2:55

Instrument :

BNA_F

ClientSampleId :

SB-65-5.0-6.0

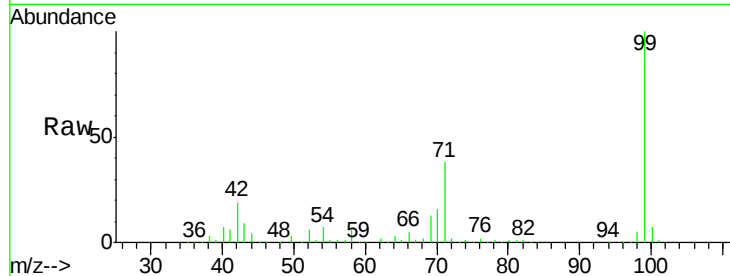
Tot Ion: 99 Resp: 461430

Ion Ratio Lower Upper

99 100

42 18.5 13.6 20.4

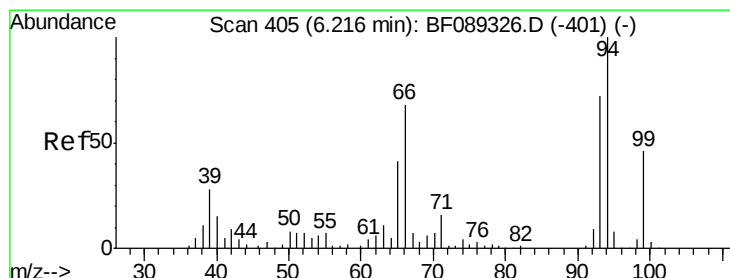
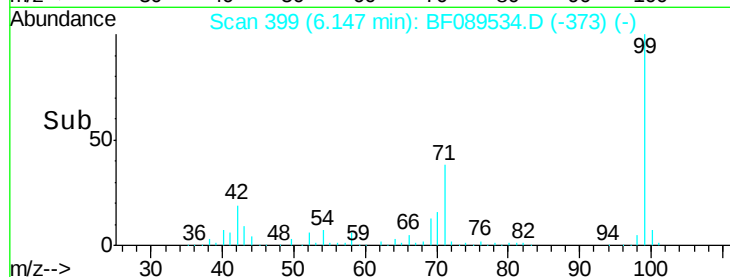
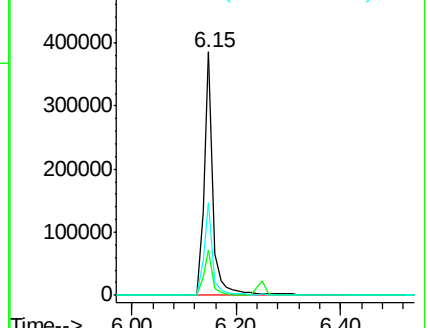
71 38.0 29.4 44.2



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: 2.37 ng

RT: 6.16 min Scan# 400

Delta R.T. -0.00 min

Lab File: BF089534.D

Acq: 2 Aug 2016 2:55

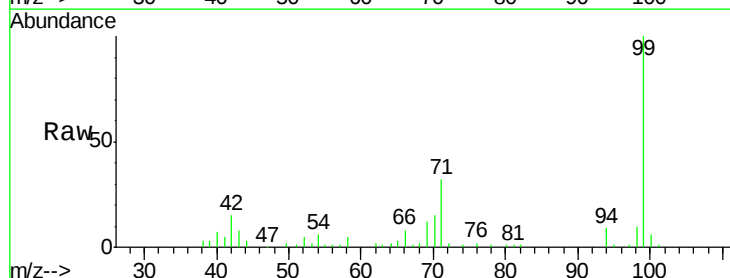
Tgt Ion: 94 Resp: 8633

Ion Ratio Lower Upper

94 100

65 40.7 19.1 59.1

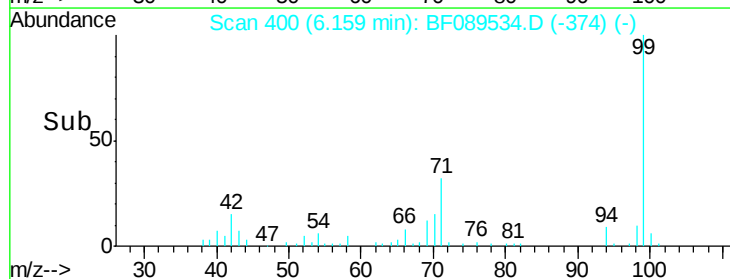
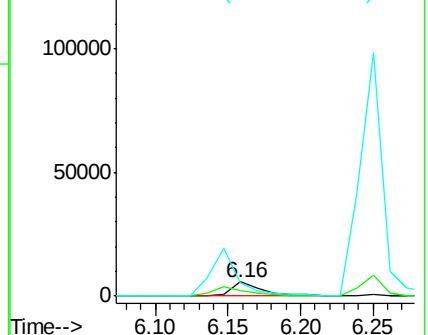
66 90.3 44.4 84.4#

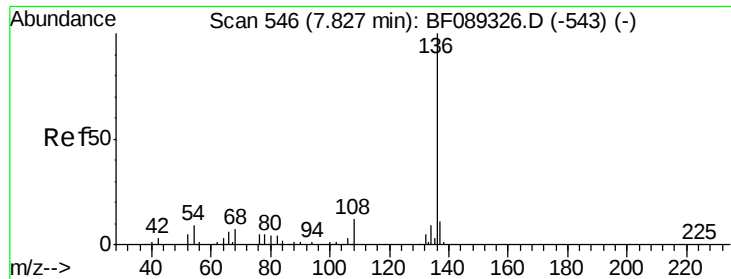


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 7.77 min Scan# 541

Delta R.T. -0.00 min

Lab File: BF089534.D

Acq: 2 Aug 2016 2:55

Instrument :

BNA_F

ClientSampleId :

SB-65-5.0-6.0

Tot Ion:136 Resp: 148929

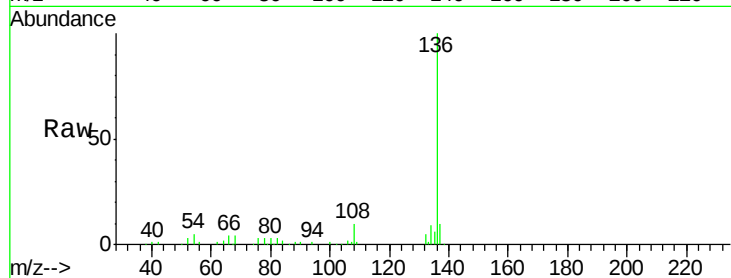
Ion Ratio Lower Upper

136 100

137 10.3 8.6 13.0

54 5.4 7.0 10.4#

68 4.0 4.9 7.3#

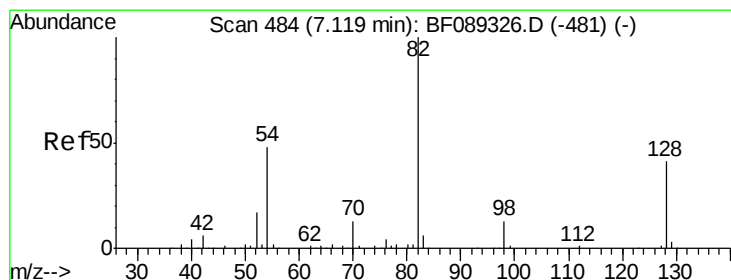
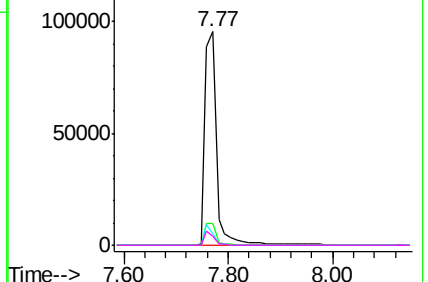
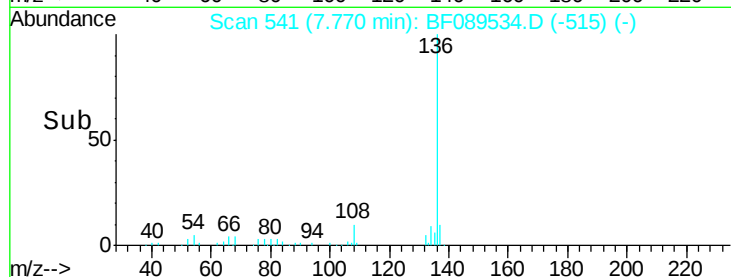


Abundance Ion 136.00 (135.70 to 136.70): E

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: 104.85 ng

RT: 7.05 min Scan# 478

Delta R.T. -0.01 min

Lab File: BF089534.D

Acq: 2 Aug 2016 2:55

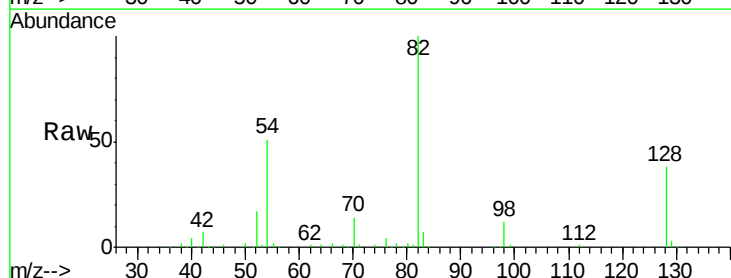
Tgt Ion: 82 Resp: 264538

Ion Ratio Lower Upper

82 100

128 38.0 32.5 48.7

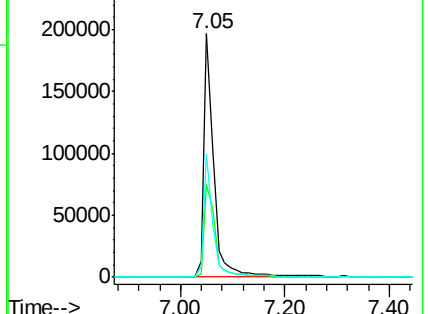
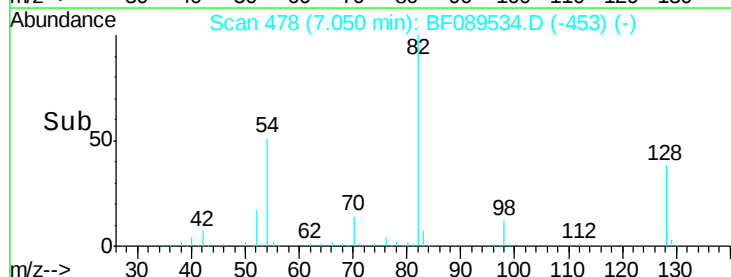
54 50.6 38.8 58.2

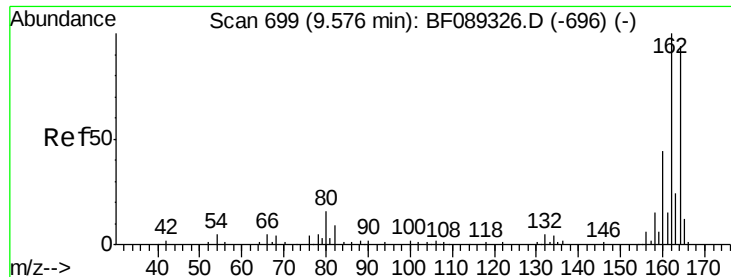


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

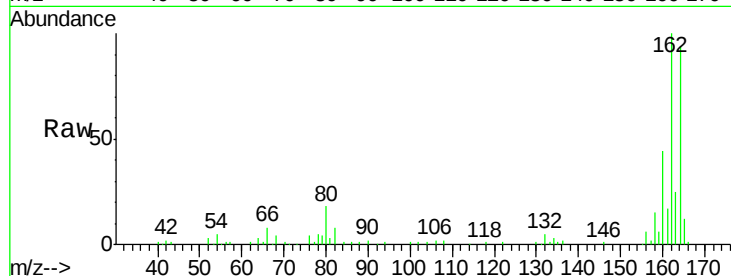




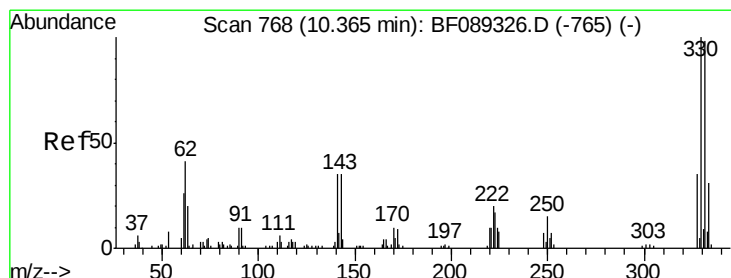
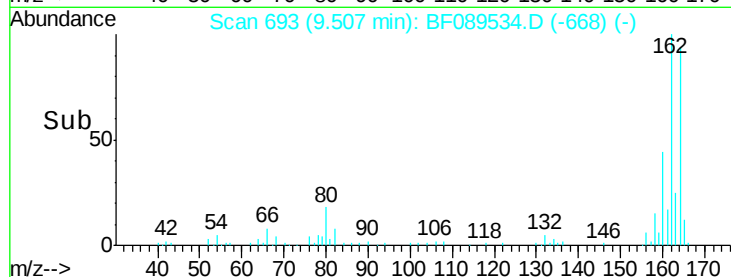
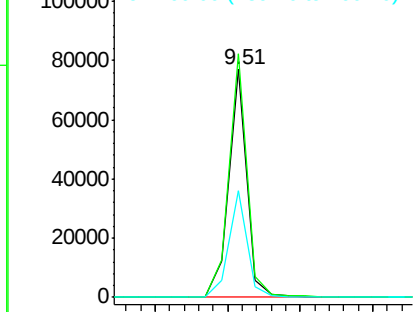
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.51 min Scan# 693
 Delta R.T. -0.01 min
 Lab File: BF089534.D
 Acq: 2 Aug 2016 2:55

Instrument :
 BNA_F
 ClientSampleId :
 SB-65-5.0-6.0

Tot Ion:164 Resp: 66386
 Ion Ratio Lower Upper
 164 100
 162 106.9 83.7 125.5
 160 46.6 37.8 56.6

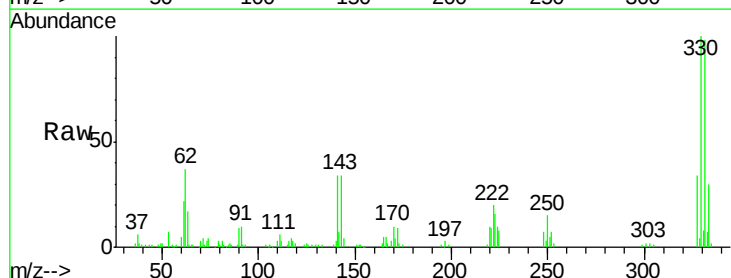


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

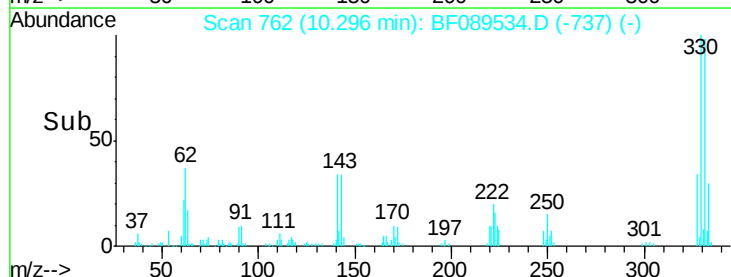
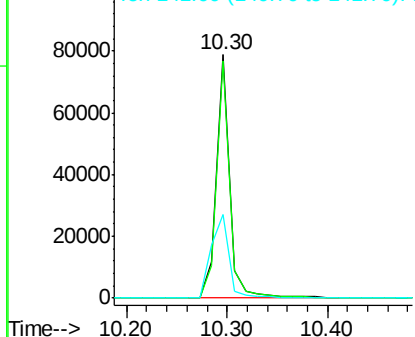


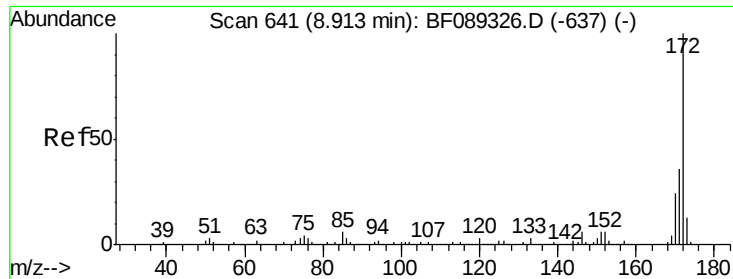
#41
 2,4,6-Tribromophenol
 Concen: 131.35 ng
 RT: 10.30 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: BF089534.D
 Acq: 2 Aug 2016 2:55

Tgt Ion:330 Resp: 72218
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.8 115.2
 141 45.8 37.3 55.9



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

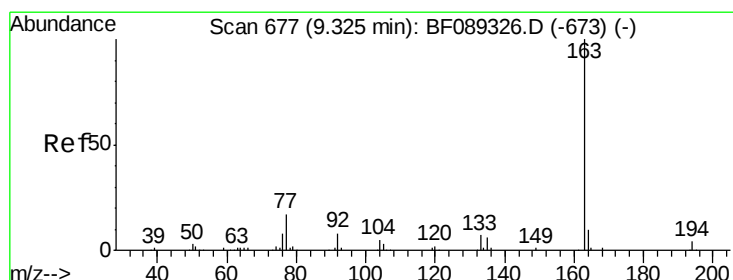
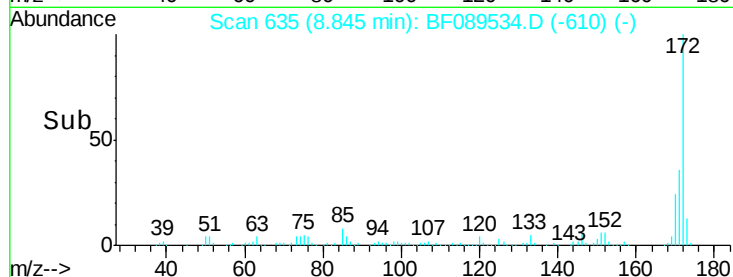
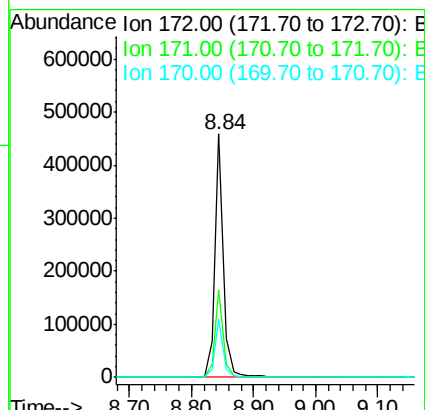
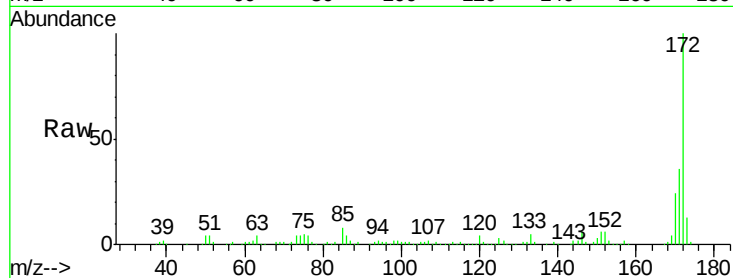




#44
2-Fluorobiphenyl
Concen: 96.52 ng
RT: 8.84 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF089534.D
Acq: 2 Aug 2016 2:55

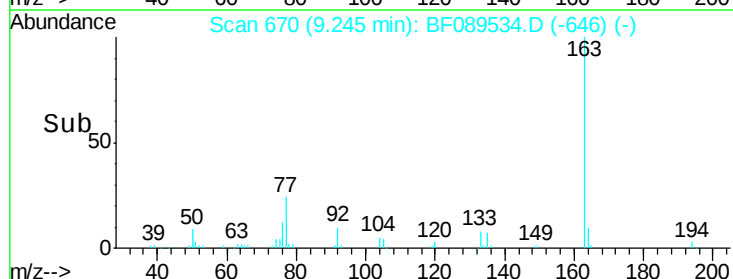
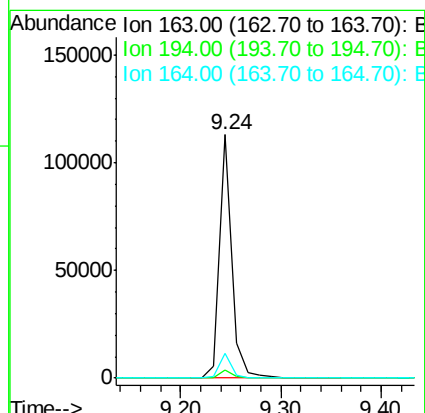
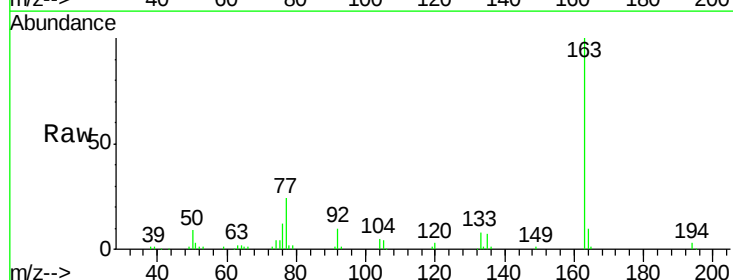
Instrument :
BNA_F
ClientSampleId :
SB-65-5.0-6.0

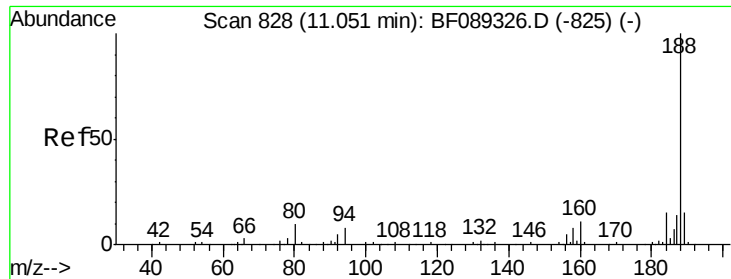
Tot Ion:172 Resp: 436596
Ion Ratio Lower Upper
172 100
171 36.0 29.2 43.8
170 23.8 19.2 28.8



#49
Dimethylphthalate
Concen: 19.11 ng
RT: 9.24 min Scan# 670
Delta R.T. -0.02 min
Lab File: BF089534.D
Acq: 2 Aug 2016 2:55

Tgt Ion:163 Resp: 96559
Ion Ratio Lower Upper
163 100
194 3.2 2.8 4.2
164 10.3 7.8 11.8

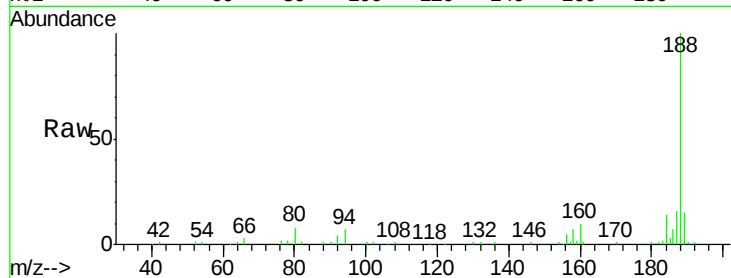




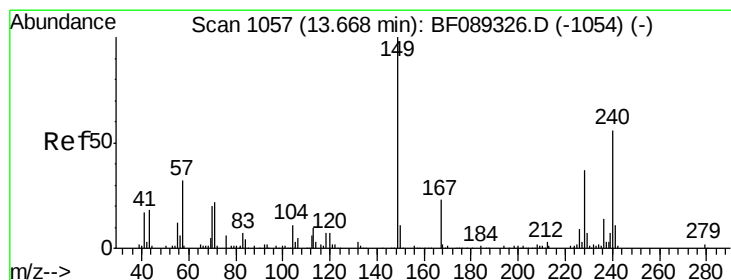
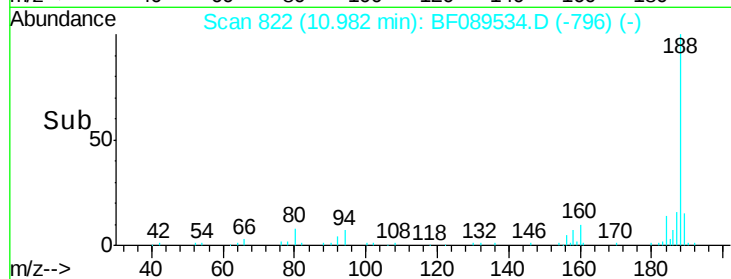
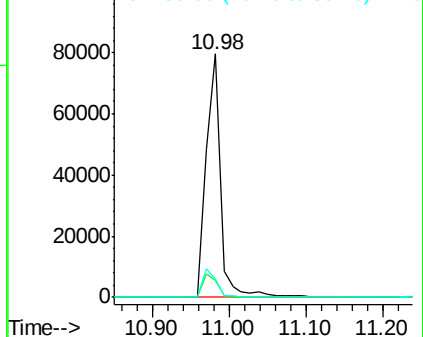
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.98 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF089534.D
Acq: 2 Aug 2016 2:55

Instrument :
BNA_F
ClientSampleId :
SB-65-5.0-6.0

Tot Ion:188 Resp: 101634
Ion Ratio Lower Upper
188 100
94 6.8 6.5 9.7
80 7.6 7.2 10.8

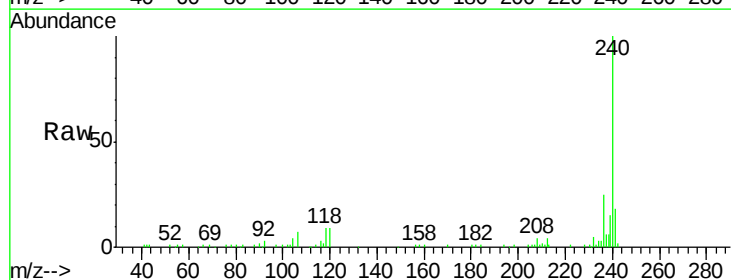


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

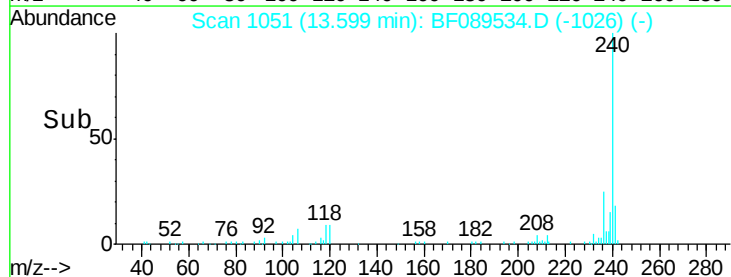
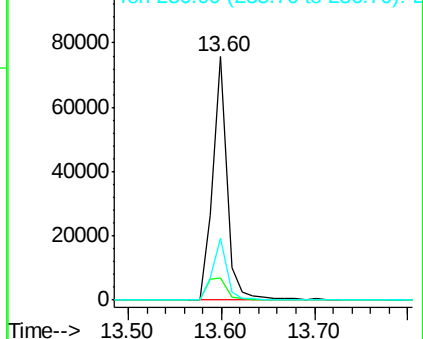


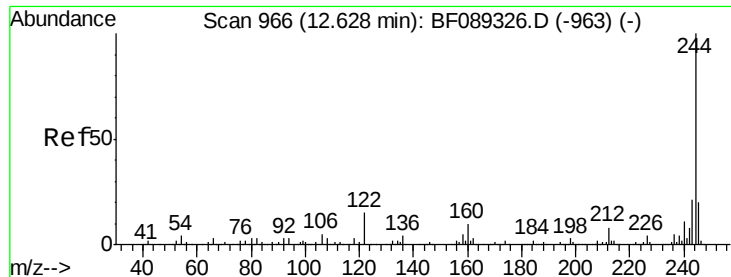
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.60 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BF089534.D
Acq: 2 Aug 2016 2:55

Tgt Ion:240 Resp: 82107
Ion Ratio Lower Upper
240 100
120 9.0 9.1 13.7#
236 25.2 20.6 30.8



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: 71.76 ng

RT: 12.56 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF089534.D

Acq: 2 Aug 2016 2:55

Instrument :

BNA_F

ClientSampleId :

SB-65-5.0-6.0

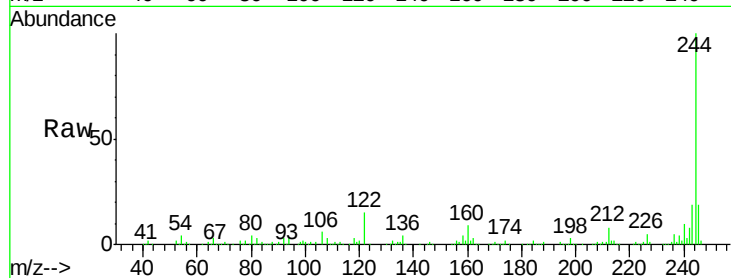
Tot Ion:244 Resp: 251757

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

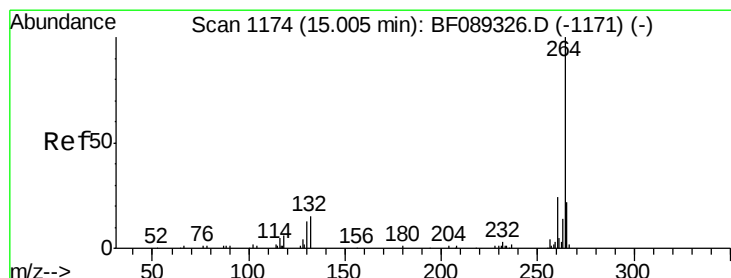
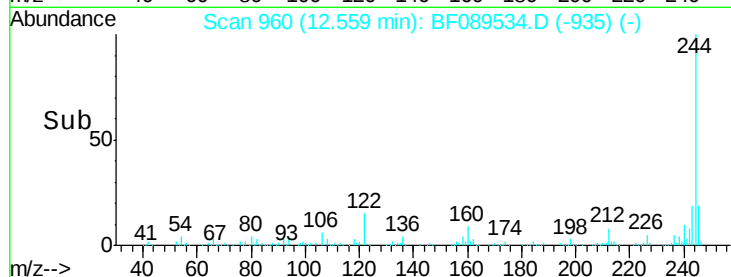
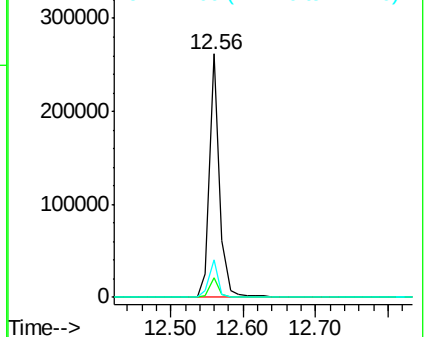
122 15.3 11.4 17.0



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: 14.93 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BF089534.D

Acq: 2 Aug 2016 2:55

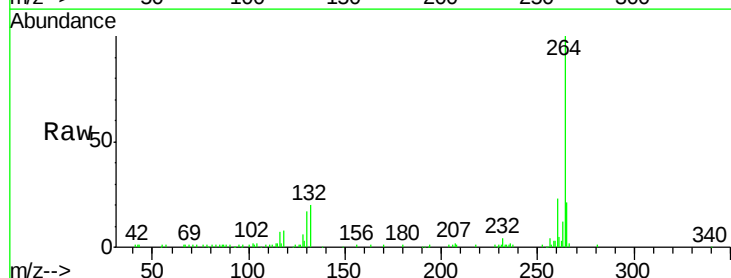
Tgt Ion:264 Resp: 76576

Ion Ratio Lower Upper

264 100

260 22.6 19.0 28.4

265 21.3 17.5 26.3



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

