

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060416\
 Data File : BF087678.D
 Acq On : 4 Jun 2016 21:19
 Operator : UM/SJ
 Sample : H3359-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OM-SPN-001-160531

Quant Time: Jun 05 01:53:30 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 04 11:07:28 2016
 Response via : Initial Calibration

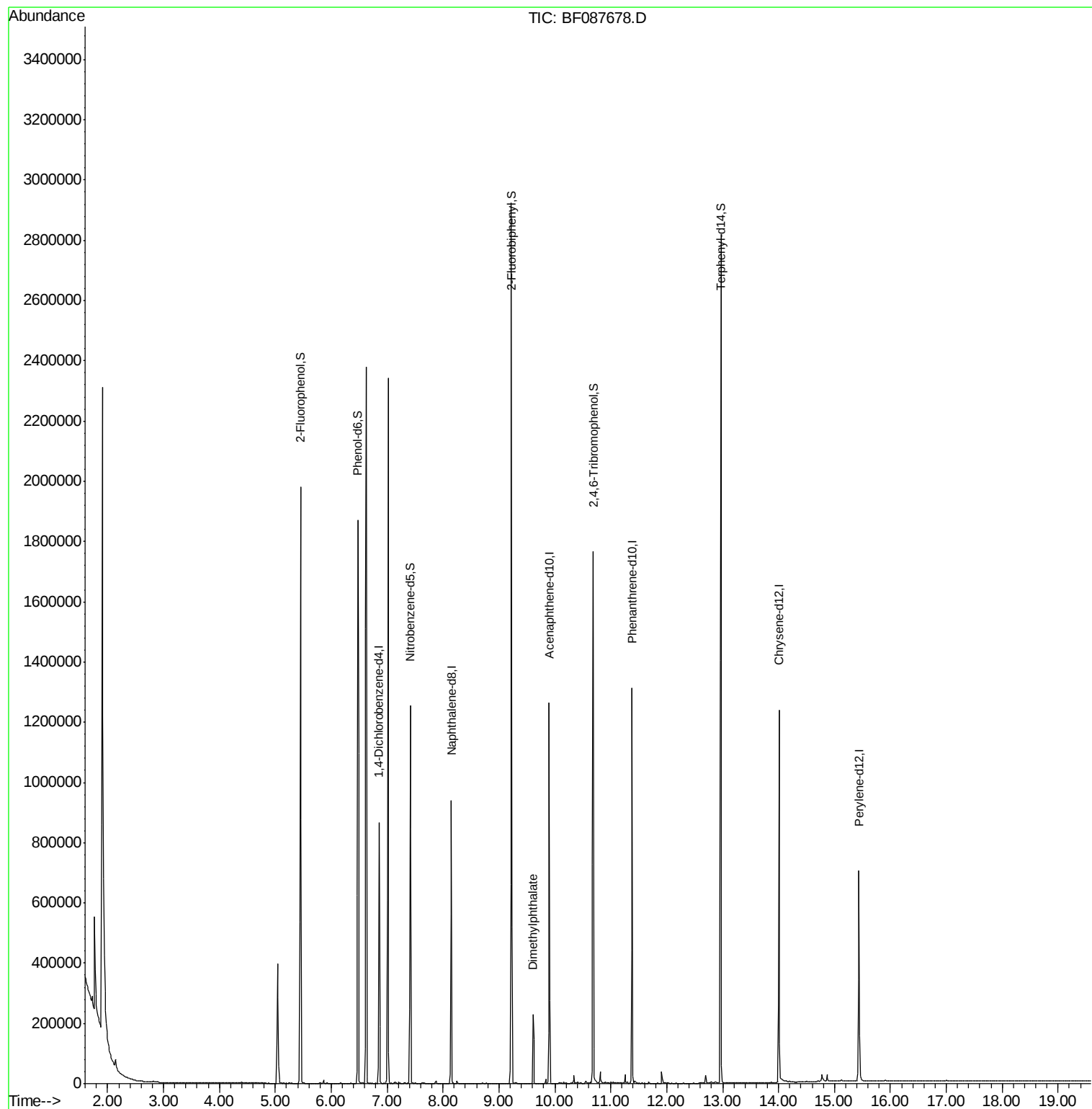
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	129140	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	541995	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	247851	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	489334	20.00	ng	0.00
75) Chrysene-d12	14.01	240	397149	20.00	ng	-0.01
86) Perylene-d12	15.44	264	314855	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	717933	89.86	ng	0.00
7) Phenol-d6	6.48	99	956419	95.45	ng	-0.01
23) Nitrobenzene-d5	7.42	82	557742	59.54	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	222181	89.30	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	968621	53.60	ng	-0.01
78) Terphenyl-d14	12.97	244	958788	58.91	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.61	163	123014	6.83	ng	Qvalue 99

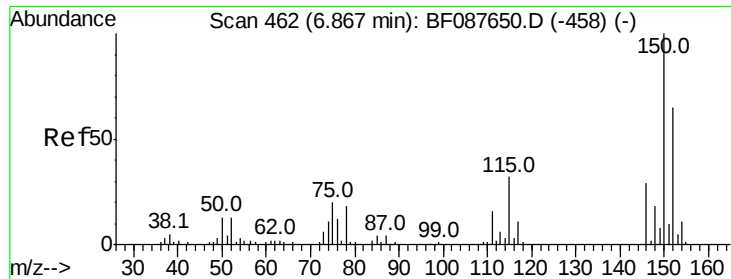
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 461

Delta R.T. -0.01 min

Lab File: BF087678.D

Acq: 4 Jun 2016 21:19

Instrument :

BNA_F

ClientSampleId :

OM-SPN-001-160531

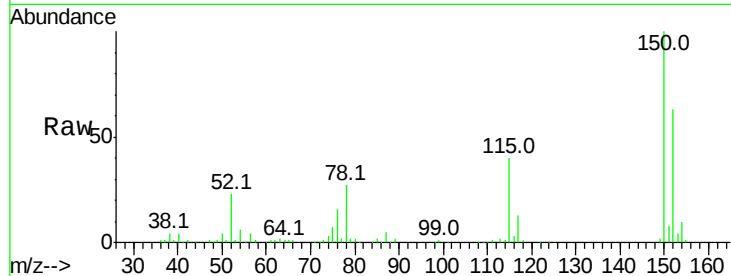
Tot Ion:152 Resp: 129140

Ion Ratio Lower Upper

152 100

150 158.5 123.8 185.6

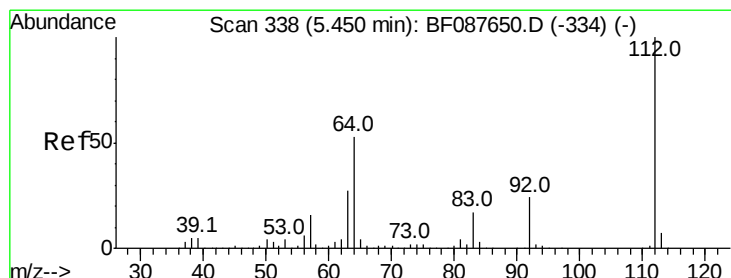
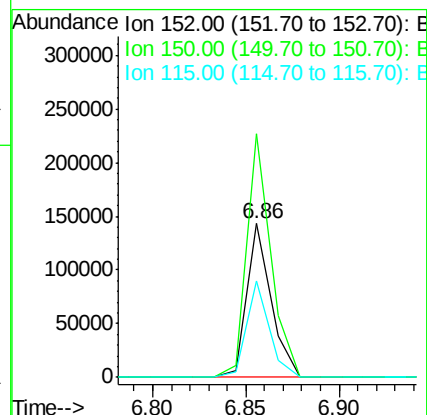
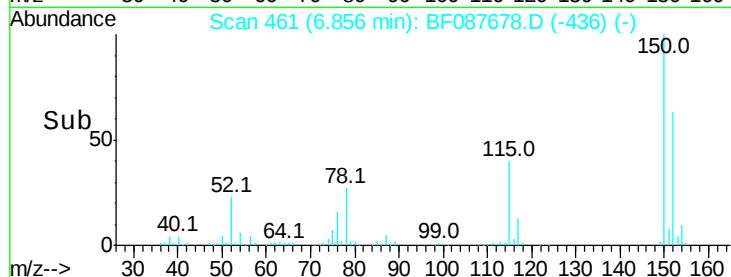
115 62.9 39.6 59.4#



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: 89.86 ng

RT: 5.45 min Scan# 338

Delta R.T. -0.00 min

Lab File: BF087678.D

Acq: 4 Jun 2016 21:19

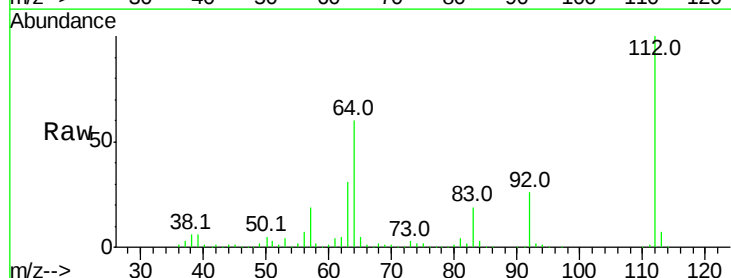
Tgt Ion:112 Resp: 717933

Ion Ratio Lower Upper

112 100

64 60.3 42.2 63.2

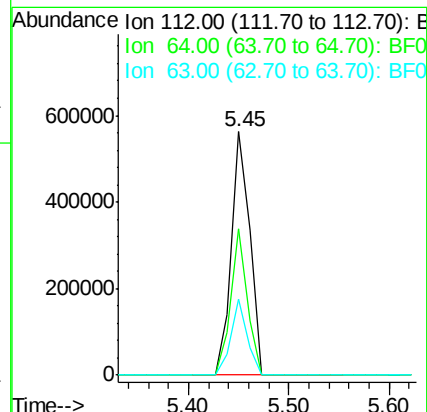
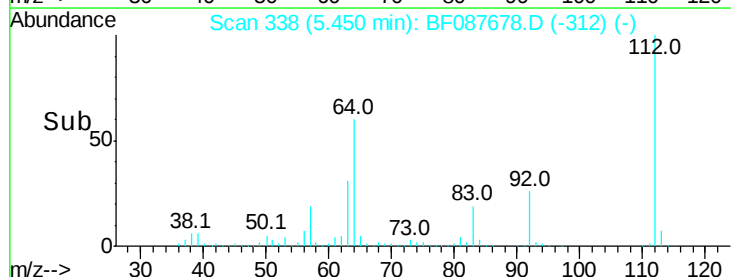
63 31.4 21.8 32.8

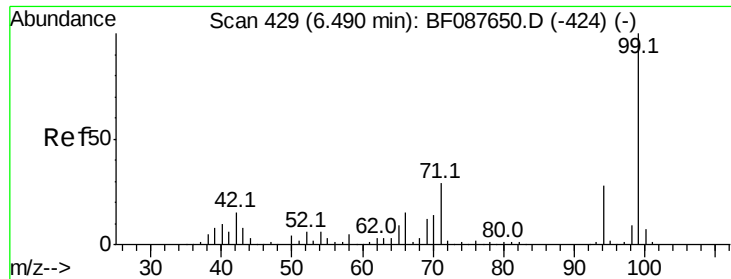


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 95.45 ng

RT: 6.48 min Scan# 428

Delta R.T. -0.01 min

Lab File: BF087678.D

Acq: 4 Jun 2016 21:19

Instrument :

BNA_F

ClientSampleId :

OM-SPN-001-160531

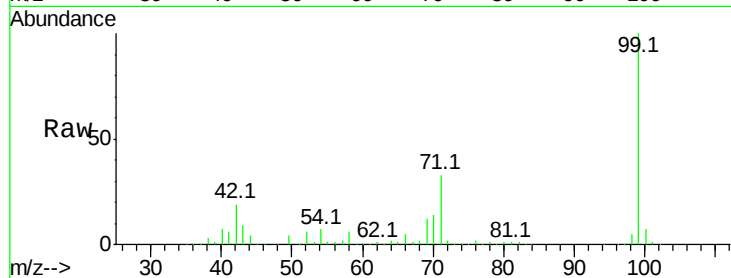
Tot Ion: 99 Resp: 956419

Ion Ratio Lower Upper

99 100

42 18.7 12.2 18.2#

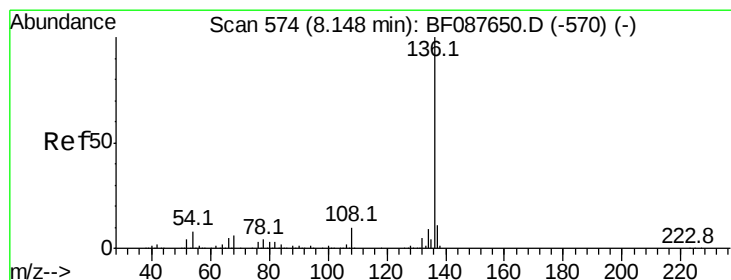
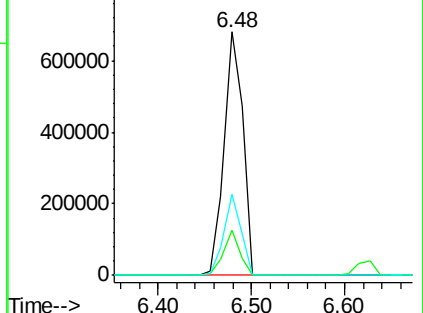
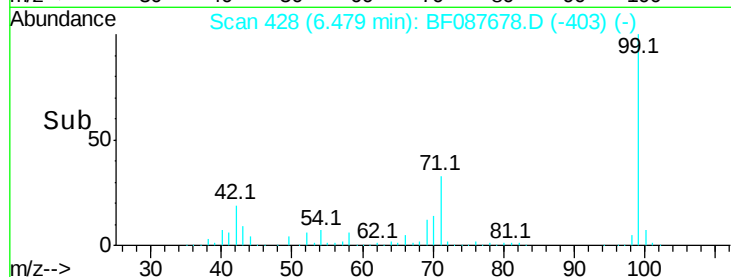
71 33.3 23.4 35.0



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: 8.15 min Scan# 574

Delta R.T. -0.00 min

Lab File: BF087678.D

Acq: 4 Jun 2016 21:19

Tgt Ion: 136 Resp: 541995

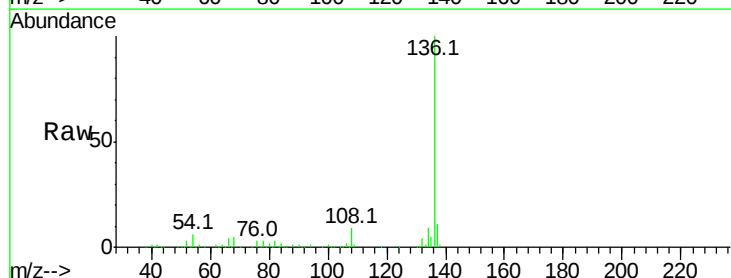
Ion Ratio Lower Upper

136 100

137 10.6 9.1 13.7

54 6.0 6.6 10.0#

68 4.8 5.1 7.7#

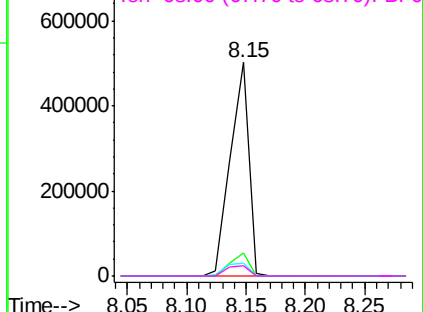
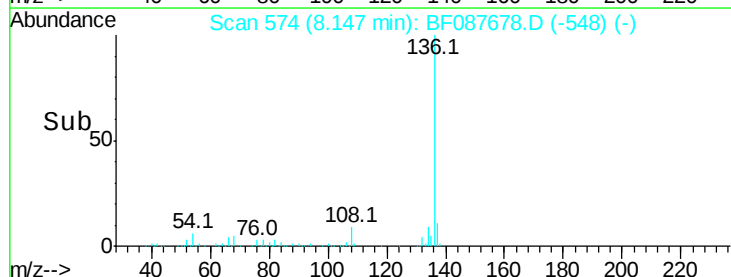


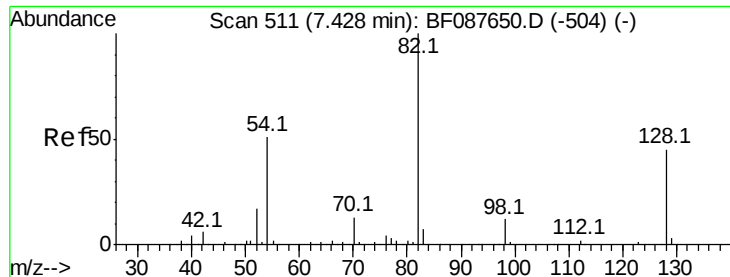
Abundance Ion 136.00 (135.70 to 136.70): E

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

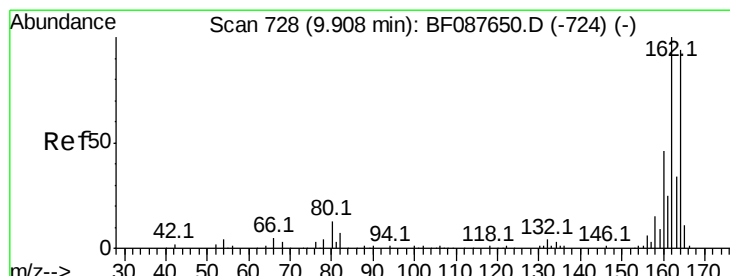
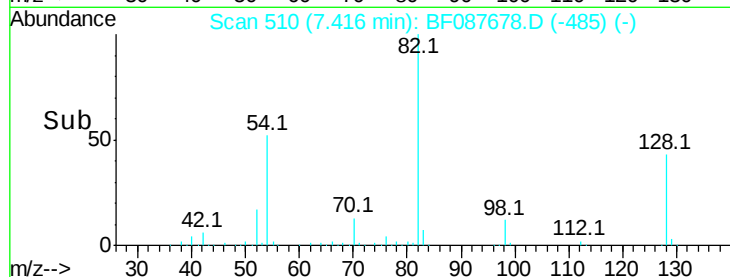
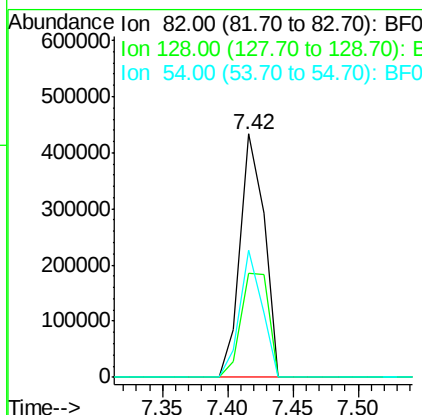
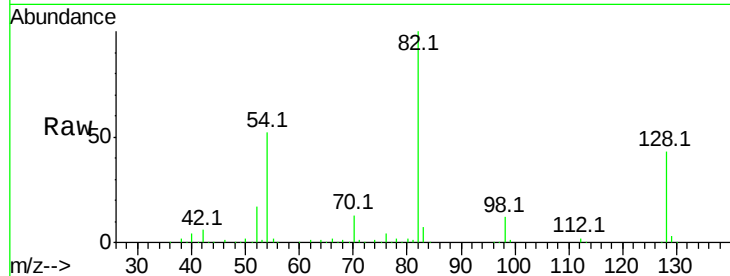




#23
Nitrobenzene-d5
Concen: 59.54 ng
RT: 7.42 min Scan# 510
Delta R.T. -0.01 min
Lab File: BF087678.D
Acq: 4 Jun 2016 21:19

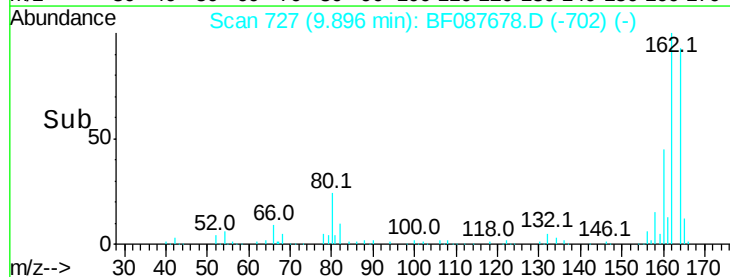
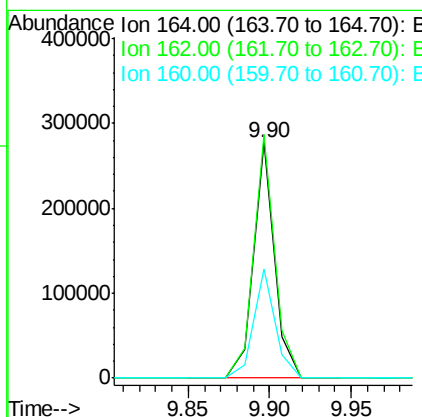
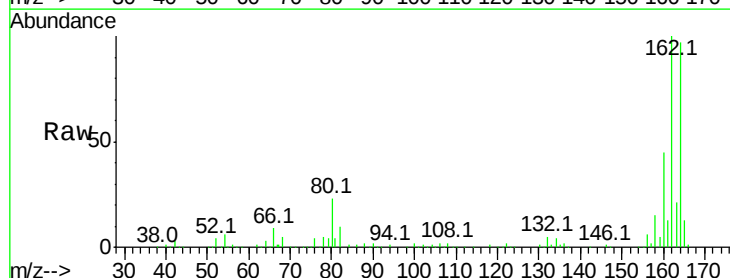
Instrument :
BNA_F
ClientSampleId :
OM-SPN-001-160531

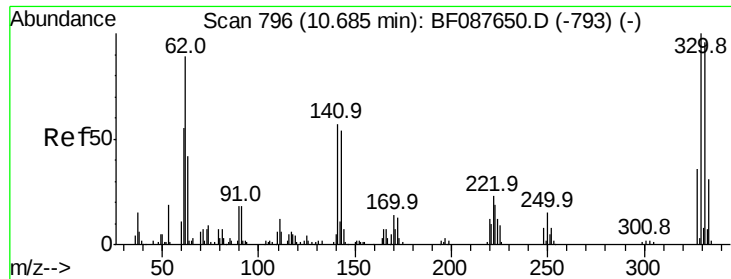
Tot Ion	Ratio	Lower	Upper
82	100		
128	42.8	35.9	53.9
54	52.2	40.9	61.3



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF087678.D
Acq: 4 Jun 2016 21:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	85.4	128.2
160	46.3	39.5	59.3

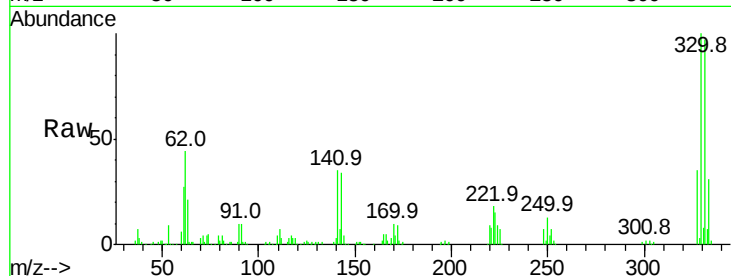




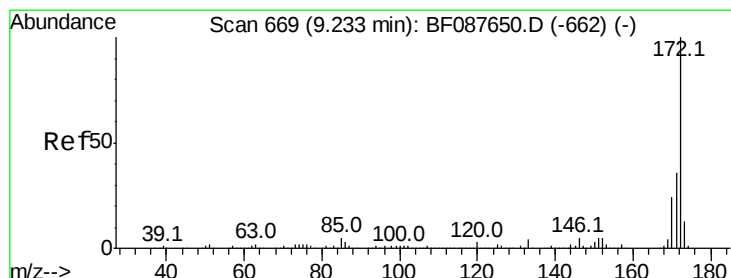
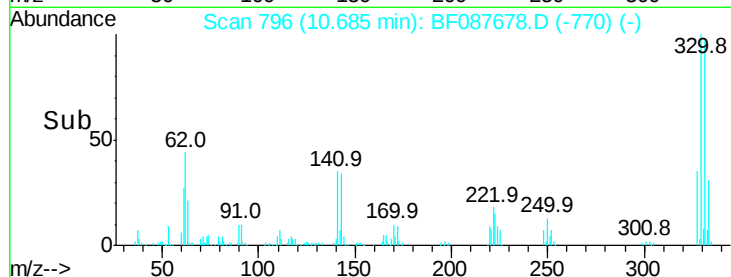
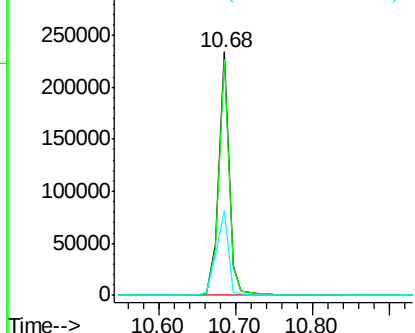
#41
 2,4,6-Tribromophenol
 Concen: 89.30 ng
 RT: 10.68 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF087678.D
 Acq: 4 Jun 2016 21:19

Instrument :
 BNA_F
 ClientSampleId :
 OM-SPN-001-160531

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	0.0	0.0#
141	39.7	0.0	0.0#

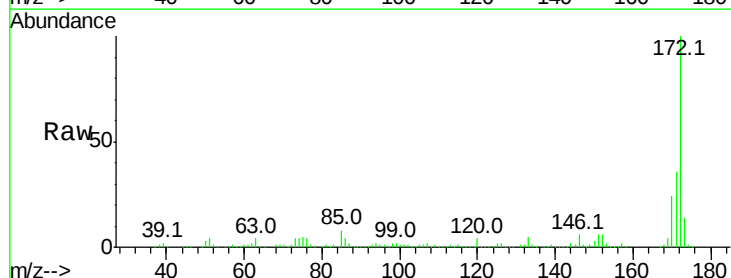


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

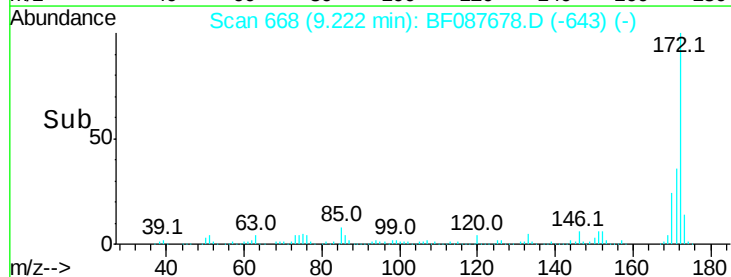
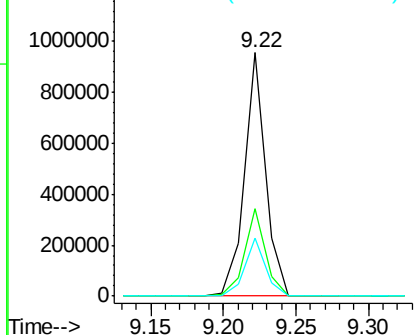


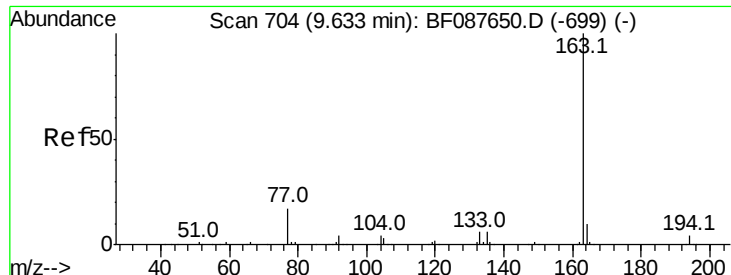
#44
 2-Fluorobiphenyl
 Concen: 53.60 ng
 RT: 9.22 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF087678.D
 Acq: 4 Jun 2016 21:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	24.0	19.2	28.8



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: 6.83 ng

RT: 9.61 min Scan# 702

Delta R.T. -0.02 min

Lab File: BF087678.D

Acq: 4 Jun 2016 21:19

Instrument :

BNA_F

ClientSampleId :

OM-SPN-001-160531

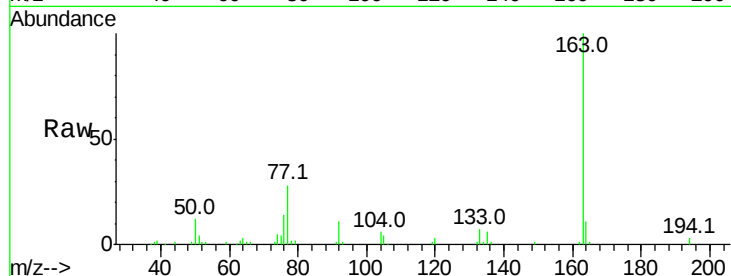
Tot Ion:163 Resp: 123014

Ion Ratio Lower Upper

163 100

194 3.1 2.8 4.2

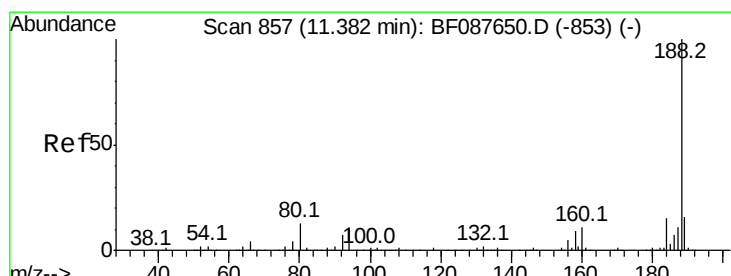
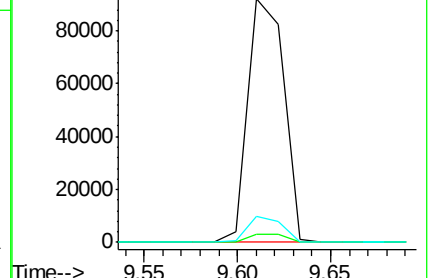
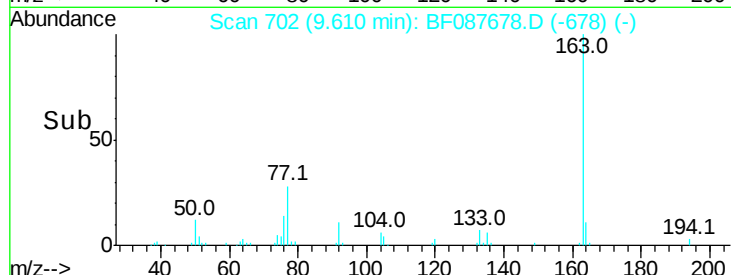
164 10.7 8.3 12.5



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: 11.38 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF087678.D

Acq: 4 Jun 2016 21:19

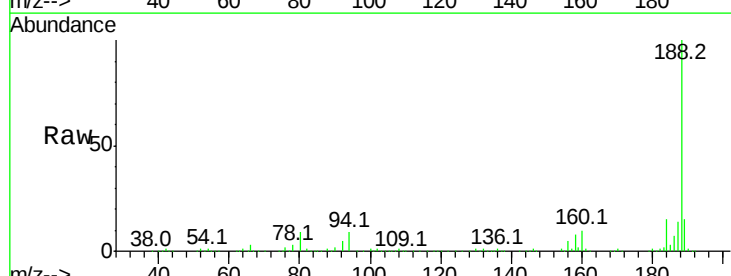
Tgt Ion:188 Resp: 489334

Ion Ratio Lower Upper

188 100

94 8.7 9.0 13.6#

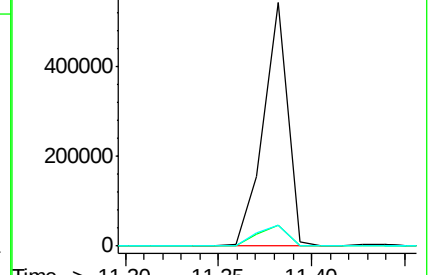
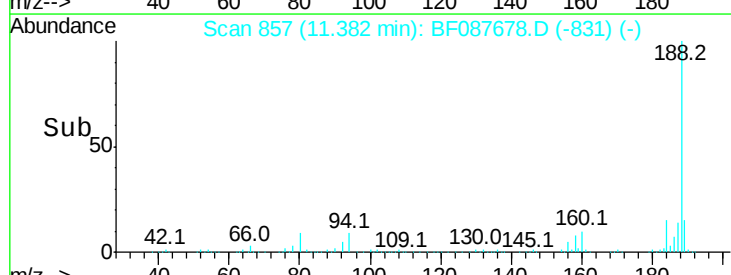
80 8.8 10.0 15.0#

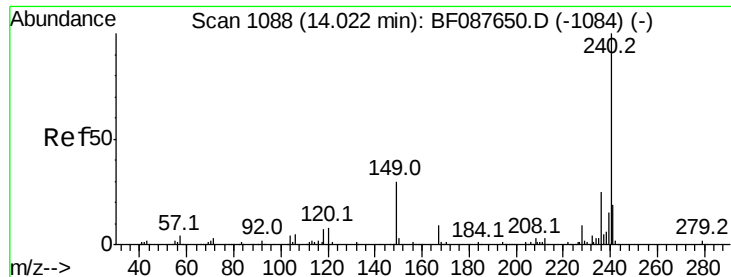


Abundance Ion 188.00 (187.70 to 188.70): E

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# 1087

Delta R.T. -0.01 min

Lab File: BF087678.D

Acq: 4 Jun 2016 21:19

Instrument :

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ClientSampleId :

OM-SPN-001-160531

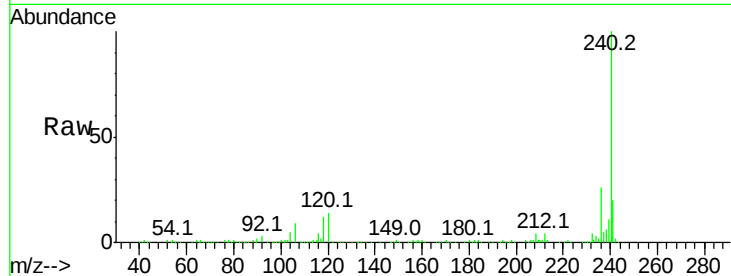
Tot Ion:240 Resp: 397149

Ion Ratio Lower Upper

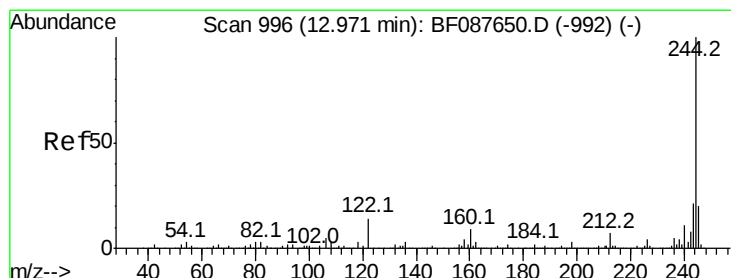
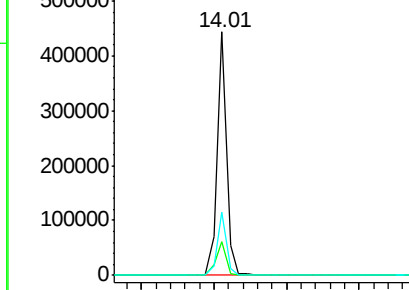
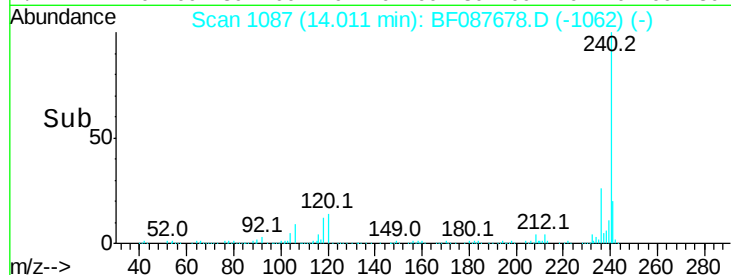
240 100

120 13.9 6.8 10.2#

236 26.1 20.2 30.2



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: 58.91 ng

RT: 12.97 min Scan# 996

Delta R.T. 0.00 min

Lab File: BF087678.D

Acq: 4 Jun 2016 21:19

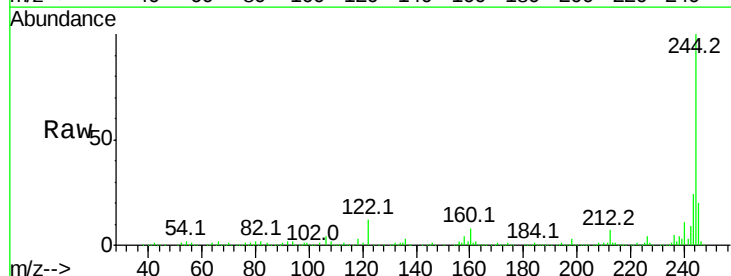
Tgt Ion:244 Resp: 958788

Ion Ratio Lower Upper

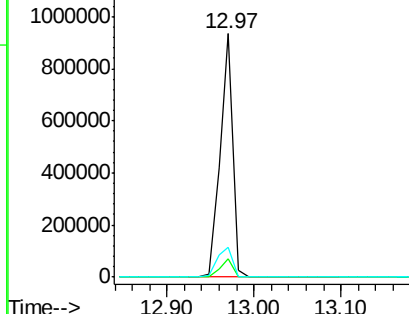
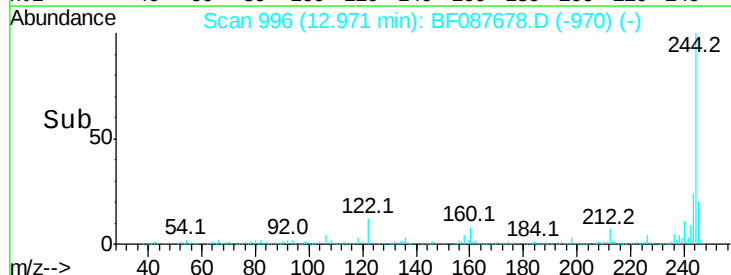
244 100

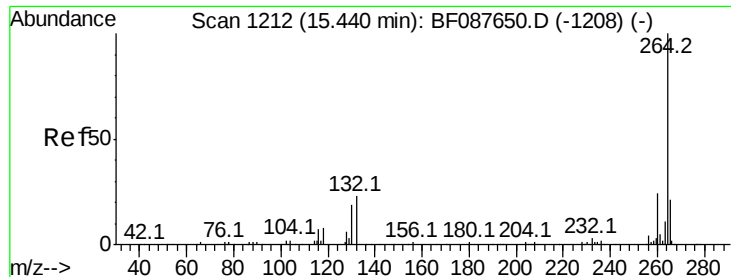
212 7.5 6.0 9.0

122 12.4 11.2 16.8



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

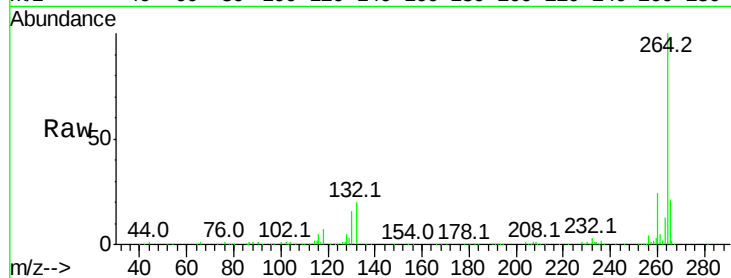




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF087678.D
 Acq: 4 Jun 2016 21:19

Instrument :
 BNA_F
 ClientSampleId :
 OM-SPN-001-160531

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.5	16.9	25.3



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

