

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051816\
 Data File : BF087158.D
 Acq On : 18 May 2016 22:13
 Operator : UM/SJ
 Sample : H3143-29
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 3-AB-AC(0-2)

Quant Time: May 19 04:33:23 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 19 04:01:26 2016
 Response via : Initial Calibration

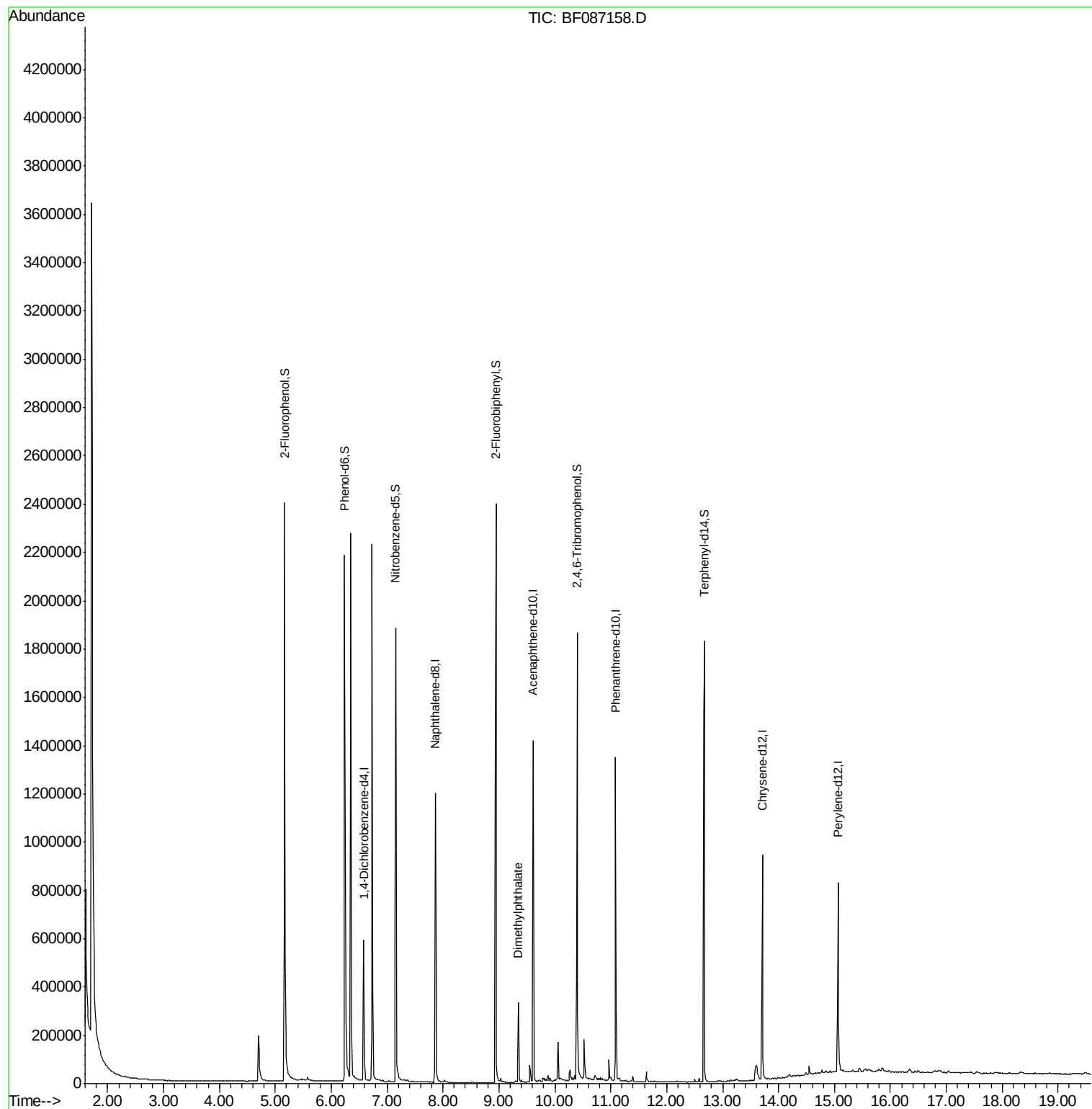
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	129088	20.00	ng	0.00
21) Naphthalene-d8	7.86	136	533807	20.00	ng	-0.01
38) Acenaphthene-d10	9.61	164	259208	20.00	ng	-0.01
63) Phenanthrene-d10	11.08	188	472941	20.00	ng	-0.01
75) Chrysene-d12	13.71	240	357668	20.00	ng	-0.01
86) Perylene-d12	15.06	264	323643	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	681198	88.70	ng	0.00
7) Phenol-d6	6.24	99	850107	82.53	ng	-0.01
23) Nitrobenzene-d5	7.15	82	620445	57.93	ng	0.00
41) 2,4,6-Tribromophenol	10.40	330	201512	70.35	ng	-0.01
44) 2-Fluorobiphenyl	8.95	172	941484	60.15	ng	0.00
78) Terphenyl-d14	12.67	244	765760	48.43	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.35	163	125476	6.35	ng	100

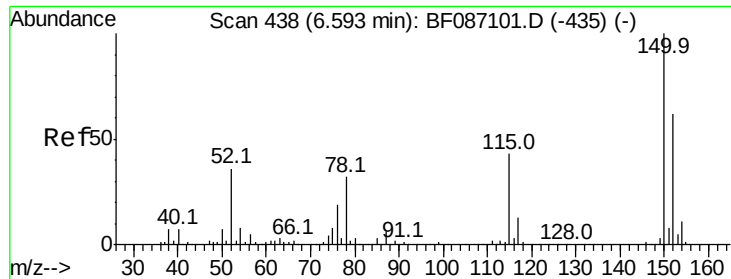
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.58 min Scan# 437

Delta R.T. 0.00 min

Lab File: BF087158.D

Acq: 18 May 2016 22:13

Instrument :

BNA_F

ClientSampleId :

3-AB-AC(0-2)

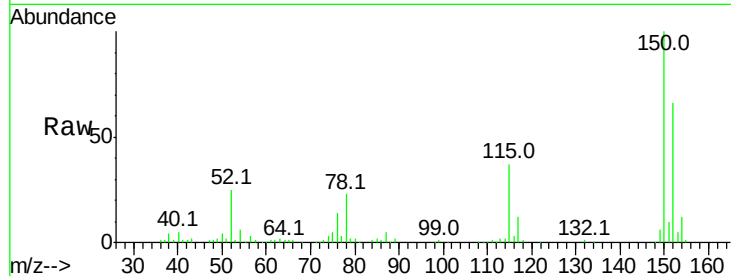
Tot Ion:152 Resp: 129088

Ion Ratio Lower Upper

152 100

150 152.3 125.8 188.6

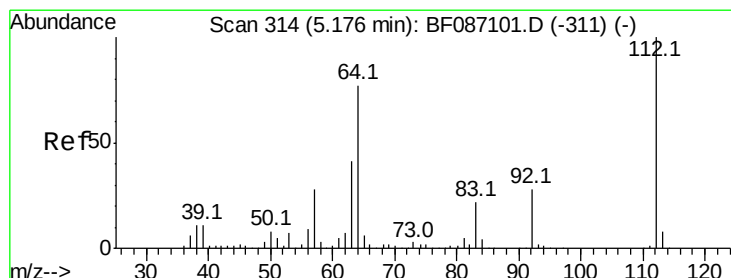
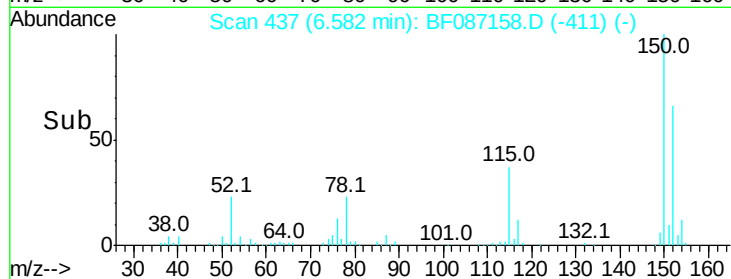
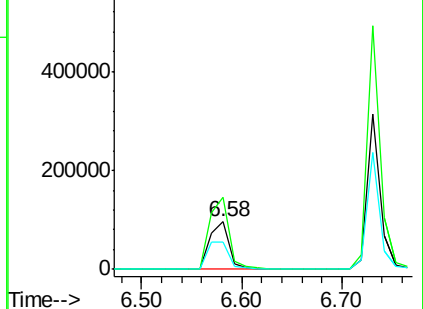
115 56.5 51.5 77.3



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: 88.70 ng

RT: 5.16 min Scan# 313

Delta R.T. 0.00 min

Lab File: BF087158.D

Acq: 18 May 2016 22:13

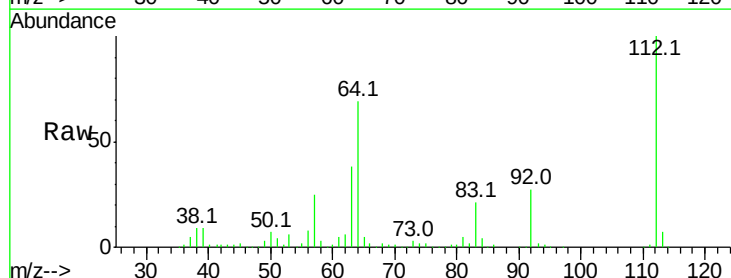
Tgt Ion:112 Resp: 681198

Ion Ratio Lower Upper

112 100

64 69.2 52.1 78.1

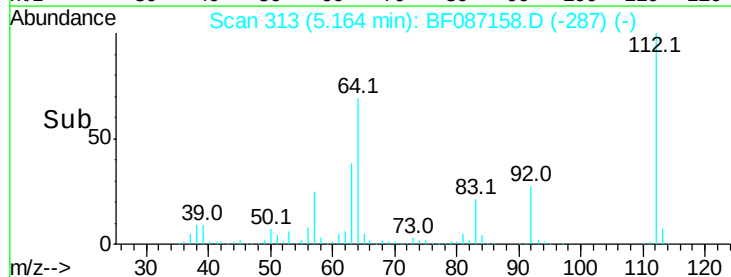
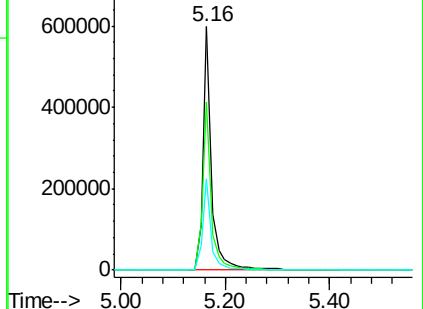
63 37.5 25.7 38.5

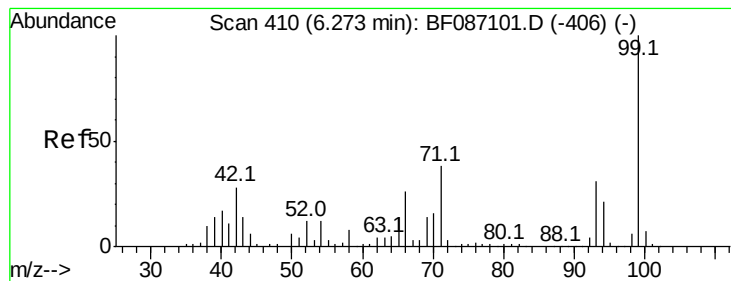


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 82.53 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF087158.D

Acq: 18 May 2016 22:13

Instrument :

BNA_F

ClientSampleId :

3-AB-AC(0-2)

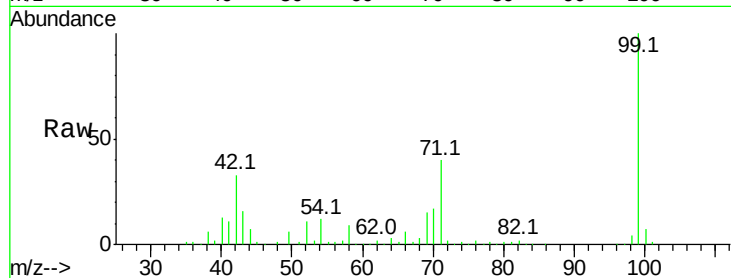
Tot Ion: 99 Resp: 850107

Ion Ratio Lower Upper

99 100

42 32.8 13.6 20.4#

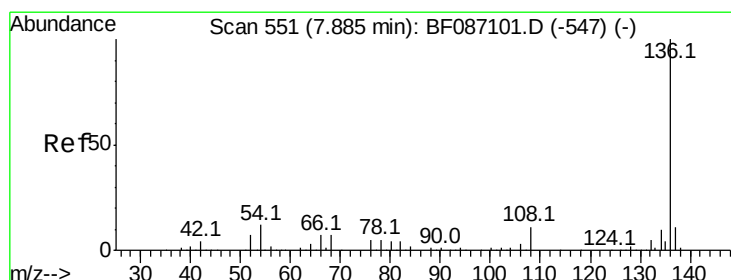
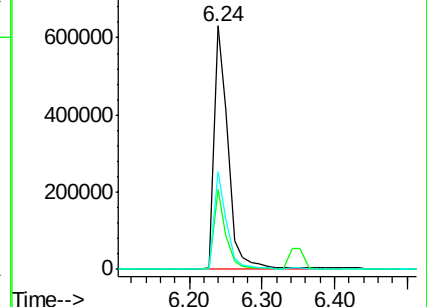
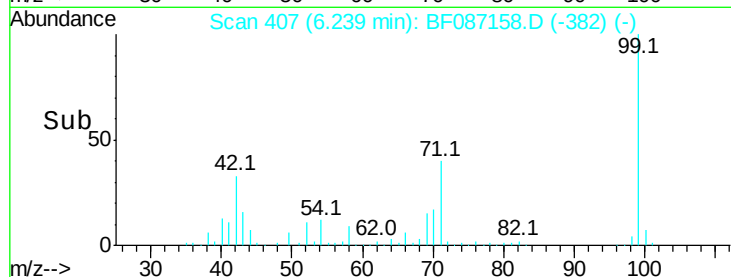
71 40.2 24.6 36.8#



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. -0.01 min

Lab File: BF087158.D

Acq: 18 May 2016 22:13

Tgt Ion: 136 Resp: 533807

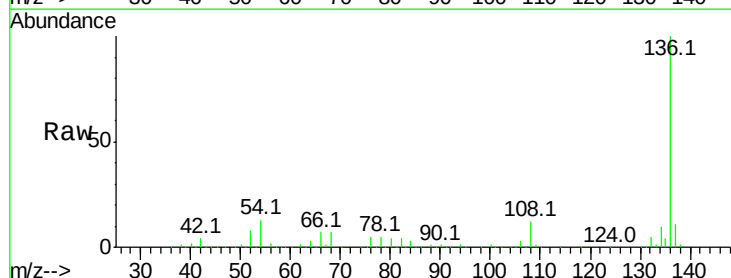
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 13.5 5.0 7.4#

68 7.1 4.4 6.6#

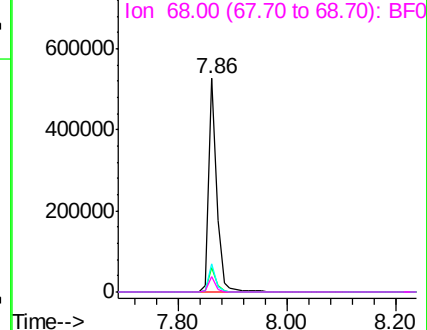
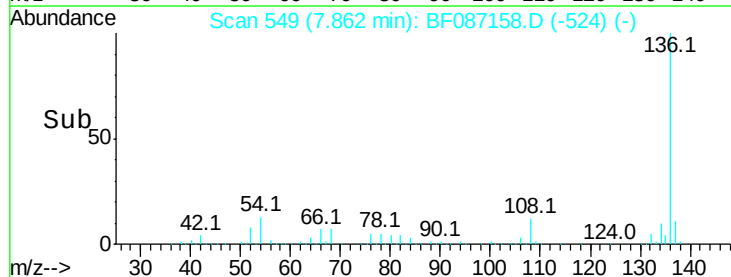


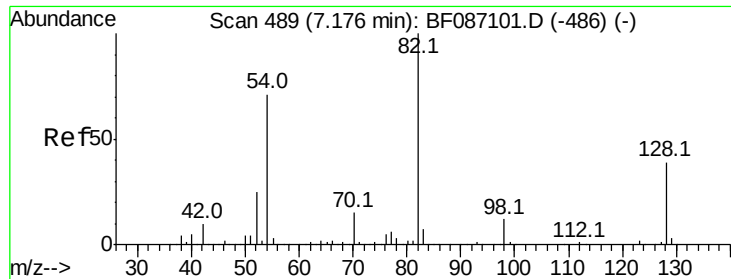
Abundance Ion 136.00 (135.70 to 136.70): E

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

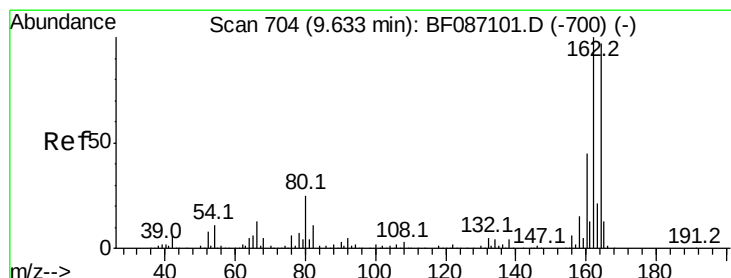
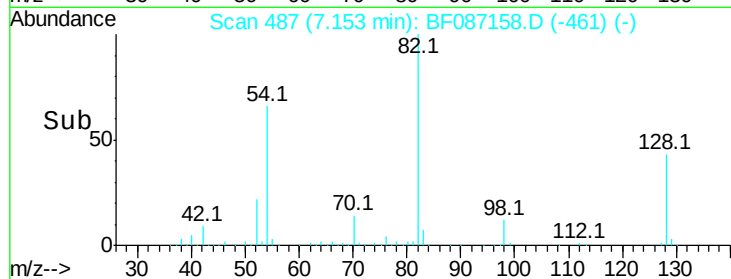
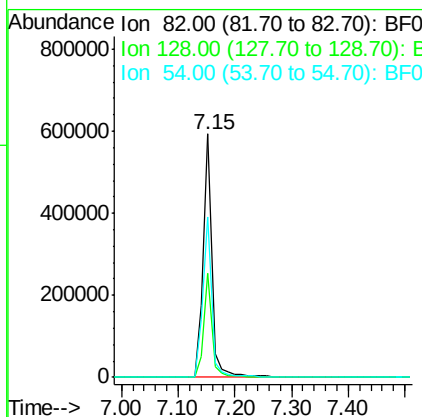
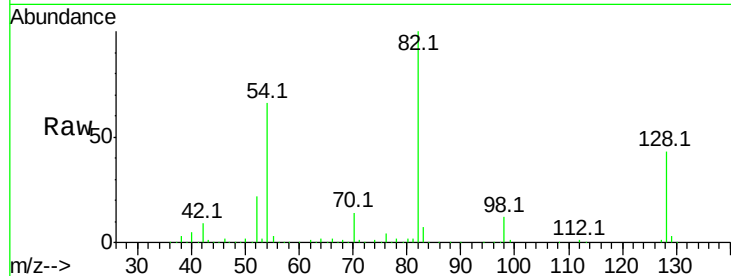




#23
Nitrobenzene-d5
Concen: 57.93 ng
RT: 7.15 min Scan# 487
Delta R.T. 0.00 min
Lab File: BF087158.D
Acq: 18 May 2016 22:13

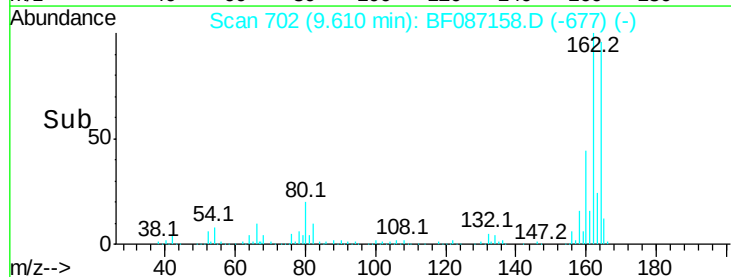
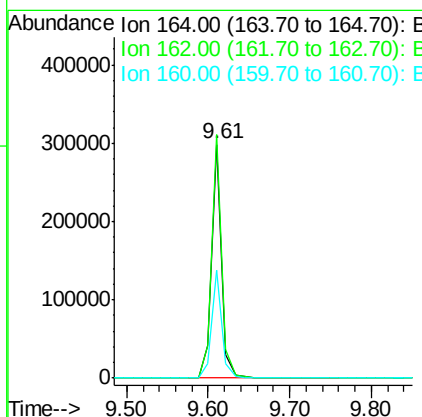
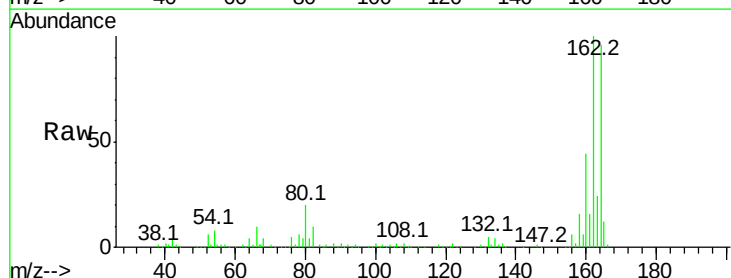
Instrument :
BNA_F
ClientSampleId :
3-AB-AC(0-2)

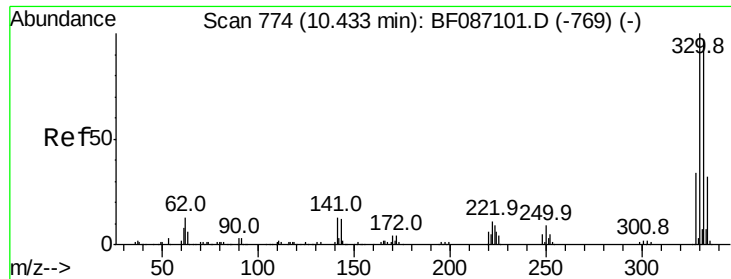
Tot Ion	82	Resp	620445
Ion Ratio	100		
Lower	40.6		
Upper	61.0		
54	65.8	38.1	57.1#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.01 min
Lab File: BF087158.D
Acq: 18 May 2016 22:13

Tgt Ion	164	Resp	259208
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower <td>82.8</td> <td></td> <td></td>	82.8		
Upper <td>124.2</td> <td></td> <td></td>	124.2		
162	104.1	36.9	55.3

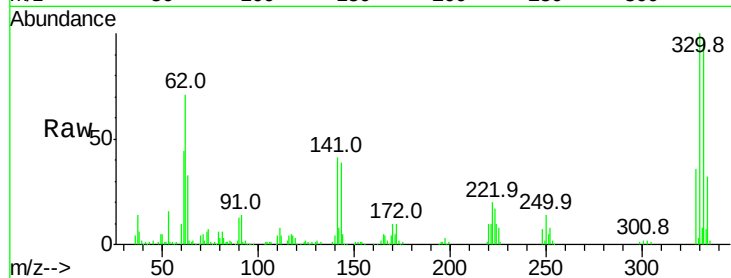




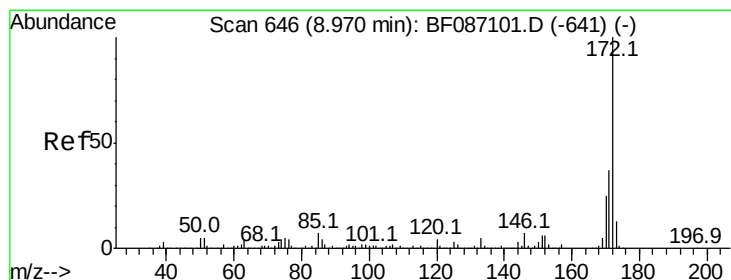
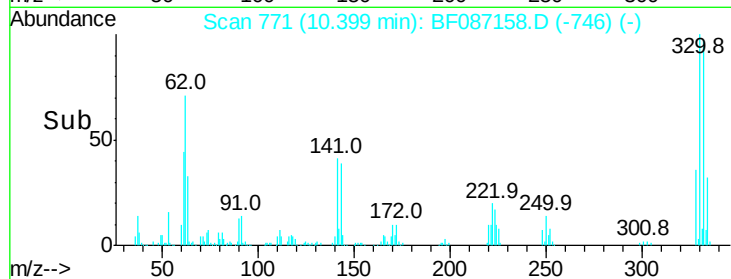
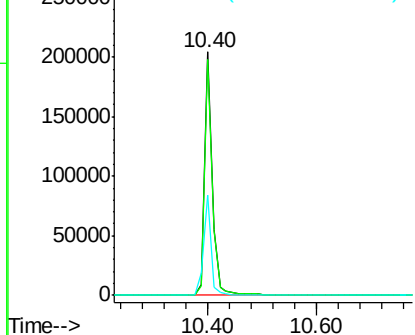
#41
 2,4,6-Tribromophenol
 Concen: 70.35 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.01 min
 Lab File: BF087158.D
 Acq: 18 May 2016 22:13

Instrument :
 BNA_F
 ClientSampleId :
 3-AB-AC(0-2)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	79.0	118.4
141	39.8	31.2	46.8

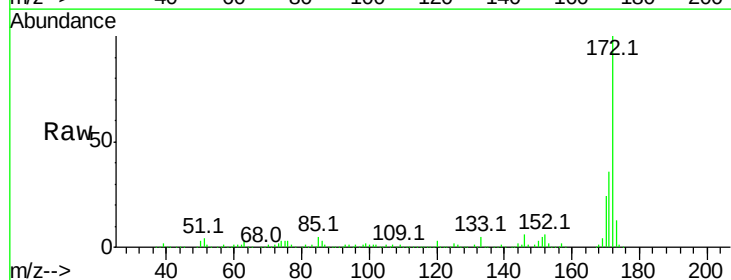


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

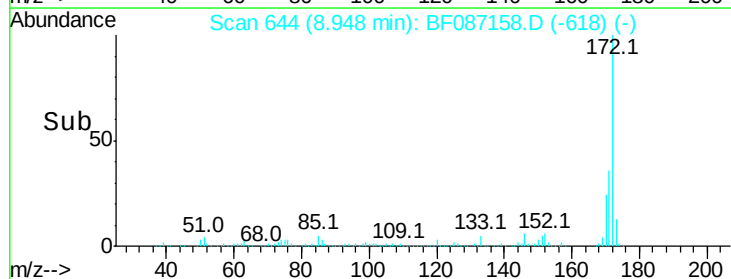
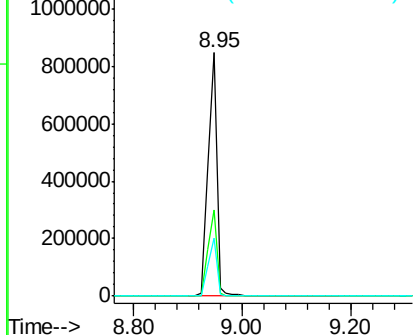


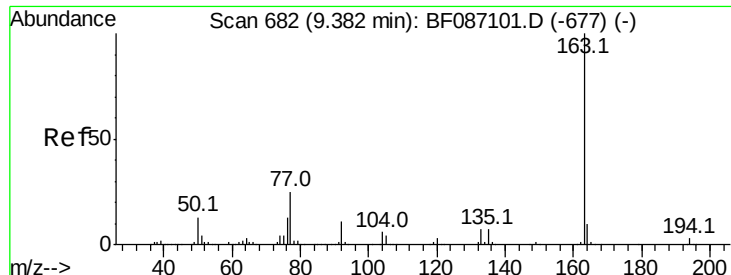
#44
 2-Fluorobiphenyl
 Concen: 60.15 ng
 RT: 8.95 min Scan# 644
 Delta R.T. 0.00 min
 Lab File: BF087158.D
 Acq: 18 May 2016 22:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.0	43.6
170	24.0	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: 6.35 ng

RT: 9.35 min Scan# 679

Delta R.T. -0.01 min

Lab File: BF087158.D

Acq: 18 May 2016 22:13

Instrument :

BNA_F

ClientSampleId :

3-AB-AC(0-2)

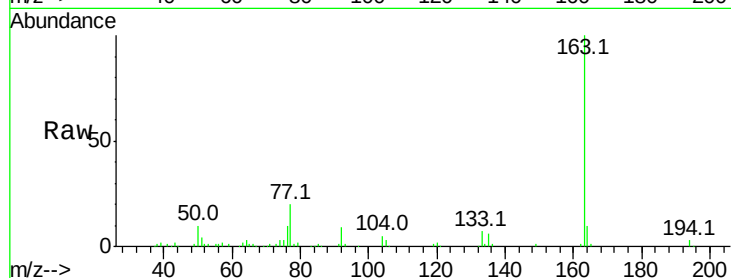
Tot Ion:163 Resp: 125476

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

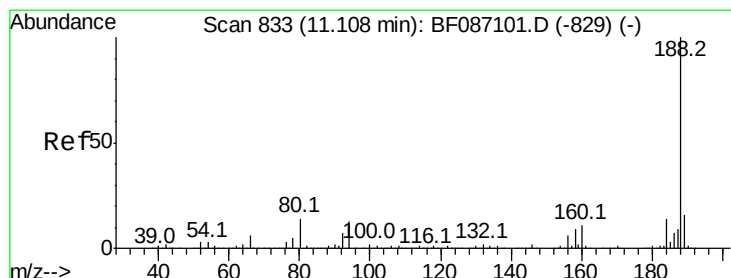
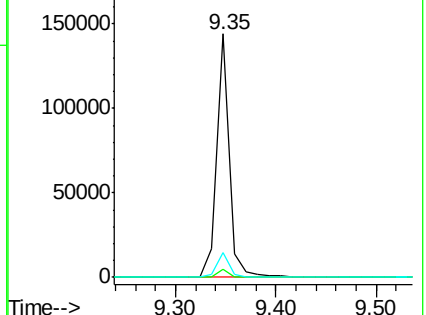
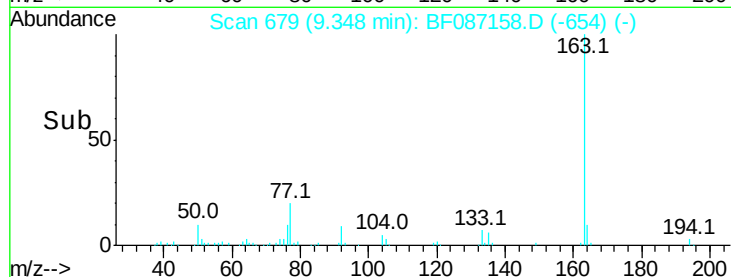
164 10.2 8.2 12.4



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: 11.08 min Scan# 831

Delta R.T. -0.01 min

Lab File: BF087158.D

Acq: 18 May 2016 22:13

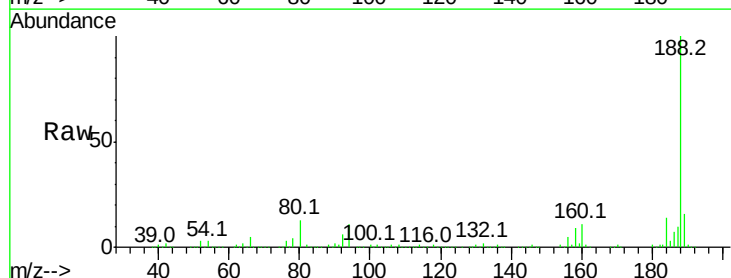
Tgt Ion:188 Resp: 472941

Ion Ratio Lower Upper

188 100

94 11.1 6.8 10.2#

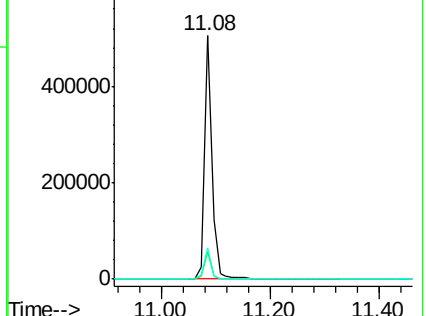
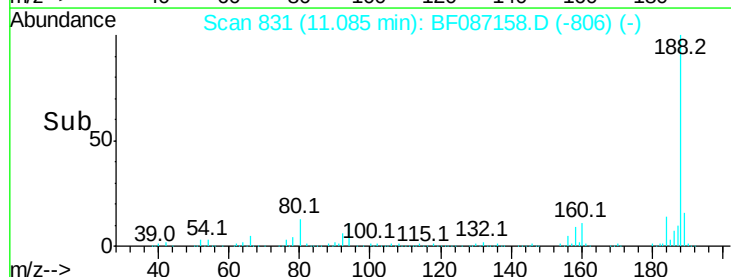
80 12.7 7.1 10.7#

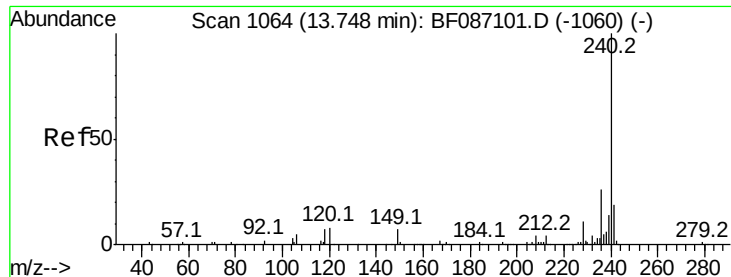


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.71 min Scan# 1061

Delta R.T. -0.01 min

Lab File: BF087158.D

Acq: 18 May 2016 22:13

Instrument :

BNA_F

ClientSampleId :

3-AB-AC(0-2)

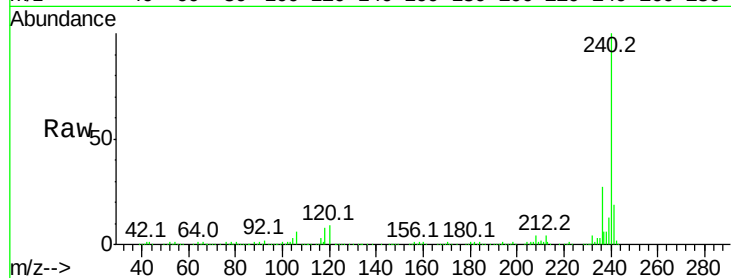
Tot Ion:240 Resp: 357668

Ion Ratio Lower Upper

240 100

120 8.9 11.2 16.8#

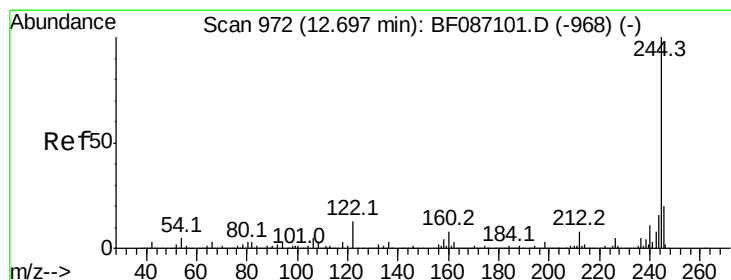
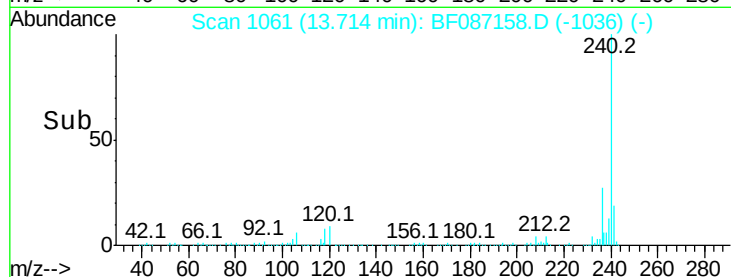
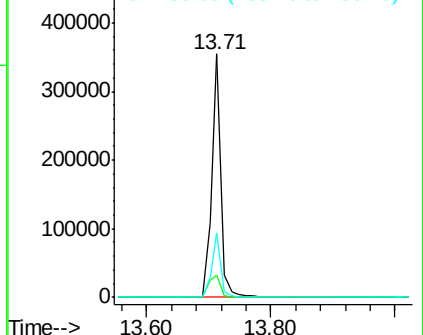
236 26.6 21.2 31.8



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: 48.43 ng

RT: 12.67 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF087158.D

Acq: 18 May 2016 22:13

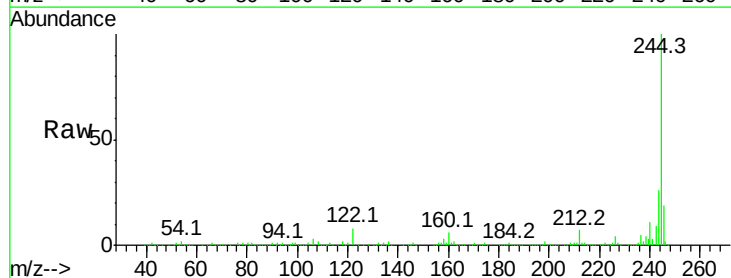
Tgt Ion:244 Resp: 765760

Ion Ratio Lower Upper

244 100

212 7.0 6.2 9.2

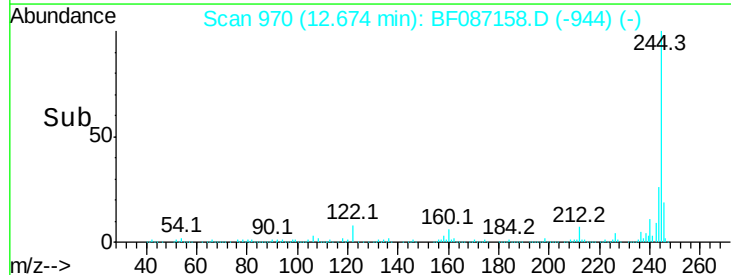
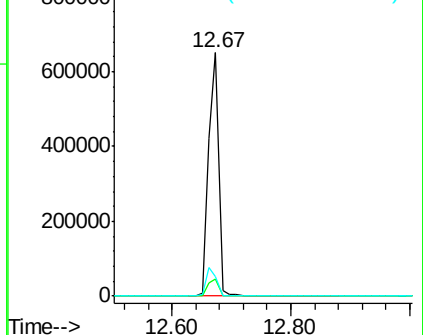
122 7.9 12.0 18.0#

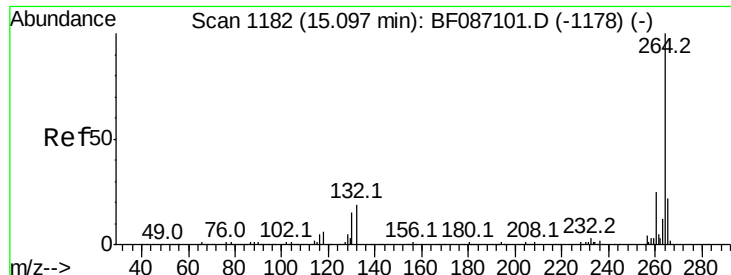


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



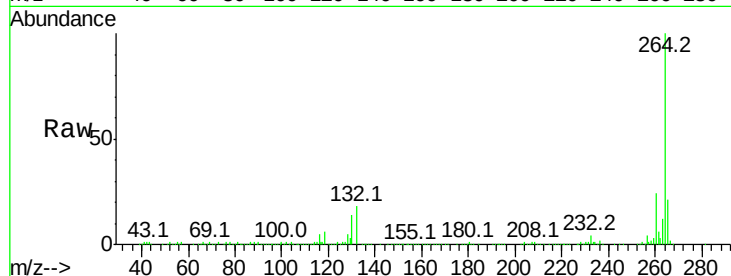


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.06 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BF087158.D
Acq: 18 May 2016 22:13

Instrument :
BNA_F
ClientSampleId :
3-AB-AC(0-2)

Tot Ion: 264 Resp: 323643

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.5	17.3	25.9



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

