

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062216\
 Data File : BF088269.D
 Acq On : 23 Jun 2016 00:39
 Operator : UM/SJ
 Sample : H3660-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(3.5-4)

Quant Time: Jun 23 04:25:53 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 14:55:14 2016
 Response via : Initial Calibration

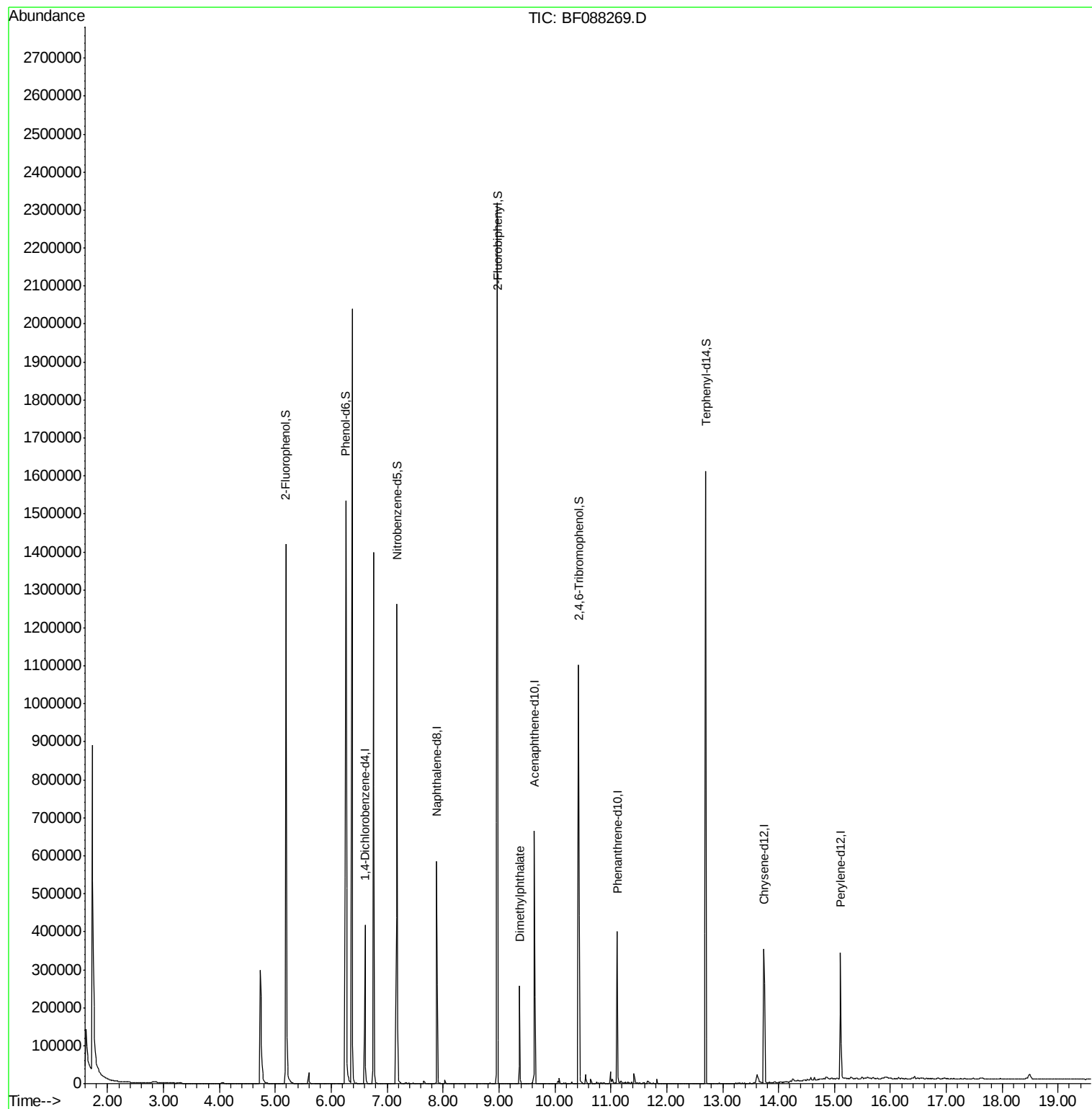
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	76420	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	312386	20.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	138781	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	223223	20.00	ng	0.00
75) Chrysene-d12	13.74	240	162079	20.00	ng	-0.01
86) Perylene-d12	15.11	264	154037	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	636513	142.39	ng	0.01
7) Phenol-d6	6.26	99	728745	134.52	ng	0.00
23) Nitrobenzene-d5	7.18	82	460626	86.10	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	153169	104.53	ng	-0.01
44) 2-Fluorobiphenyl	8.97	172	734405	83.00	ng	0.00
78) Terphenyl-d14	12.70	244	483530	67.89	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.37	163	110641	11.01	ng	99

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

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SB-1(3.5-4)

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 439

Delta R.T. -0.00 min

Lab File: BF088269.D

Acq: 23 Jun 2016 00:39

Instrument :

BNA_F

ClientSampleId :

SB-1(3.5-4)

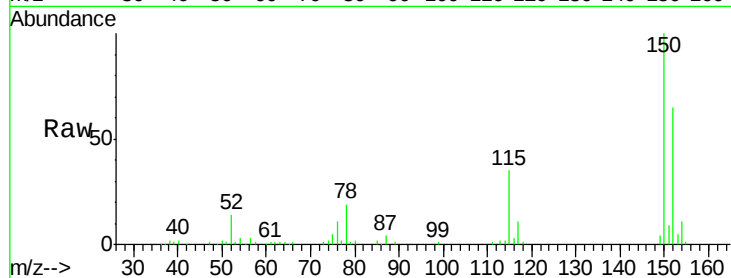
Tot Ion:152 Resp: 76420

Ion Ratio Lower Upper

152 100

150 153.6 123.8 185.6

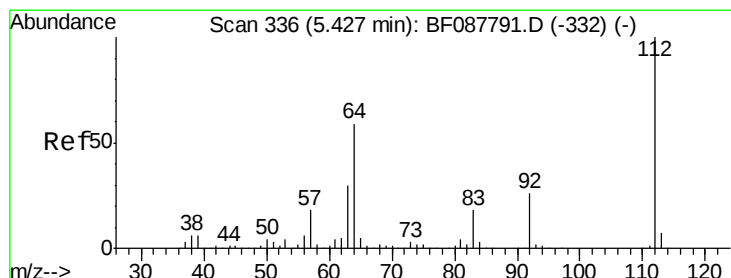
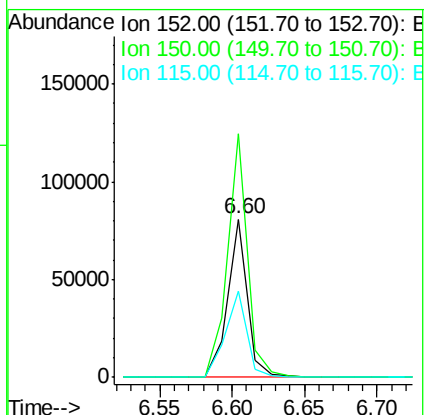
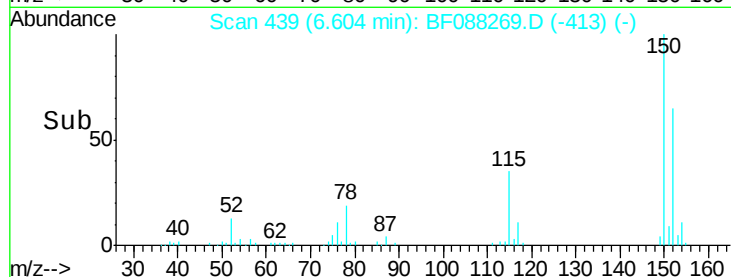
115 54.3 39.6 59.4



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: 142.39 ng

RT: 5.19 min Scan# 315

Delta R.T. 0.01 min

Lab File: BF088269.D

Acq: 23 Jun 2016 00:39

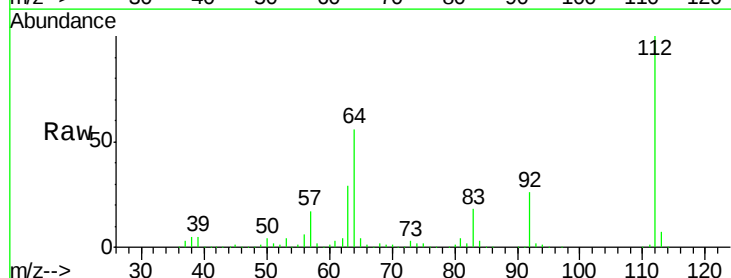
Tgt Ion:112 Resp: 636513

Ion Ratio Lower Upper

112 100

64 56.4 42.2 63.2

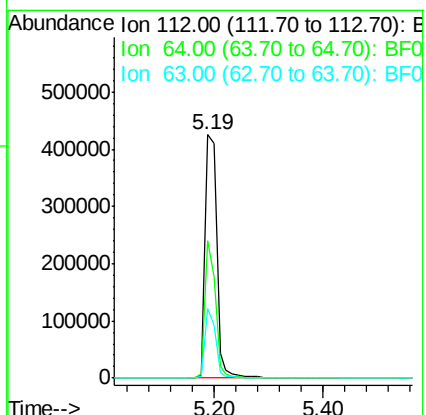
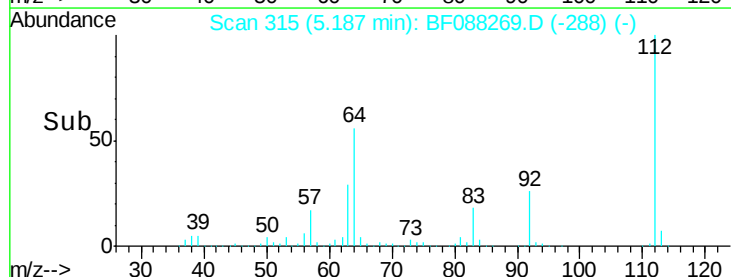
63 28.7 21.8 32.8



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: 134.52 ng

RT: 6.26 min Scan# 409

Delta R.T. 0.00 min

Lab File: BF088269.D

Acq: 23 Jun 2016 00:39

Instrument :

BNA_F

ClientSampleId :

SB-1(3.5-4)

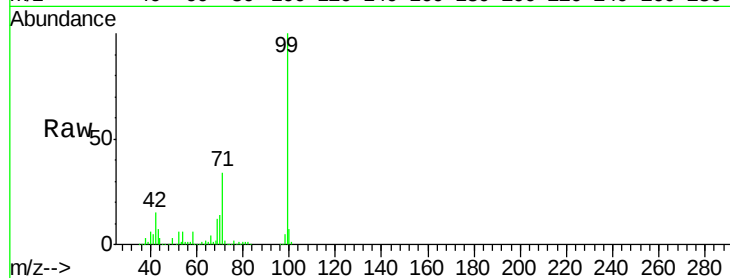
Tot Ion: 99 Resp: 728745

Ion Ratio Lower Upper

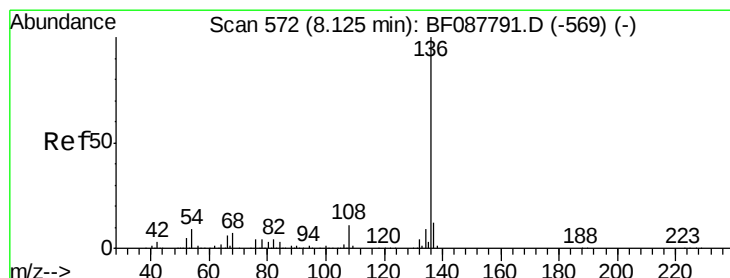
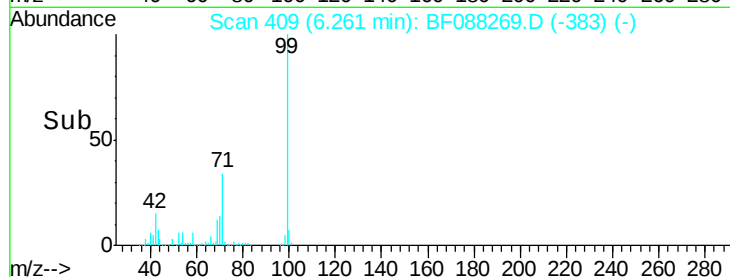
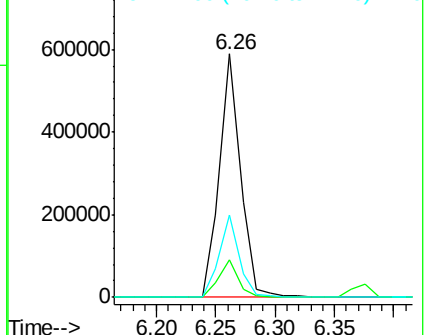
99 100

42 15.5 12.2 18.2

71 33.9 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: 7.88 min Scan# 551

Delta R.T. -0.01 min

Lab File: BF088269.D

Acq: 23 Jun 2016 00:39

Tgt Ion: 136 Resp: 312386

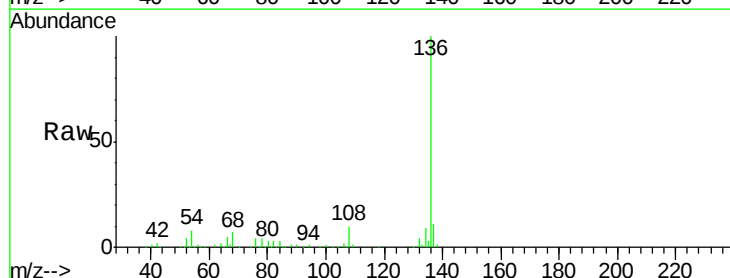
Ion Ratio Lower Upper

136 100

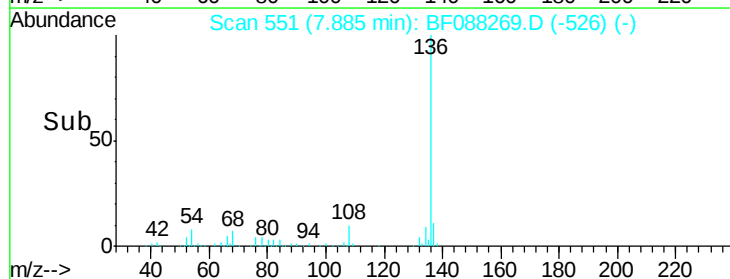
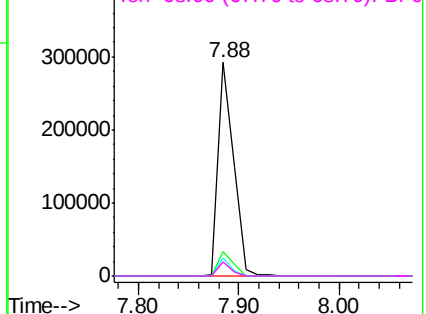
137 11.5 9.1 13.7

54 8.3 6.6 10.0

68 6.6 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

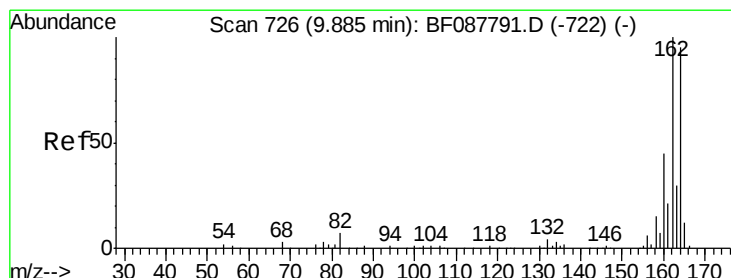
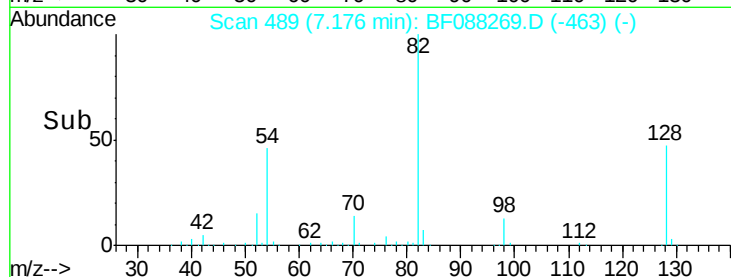
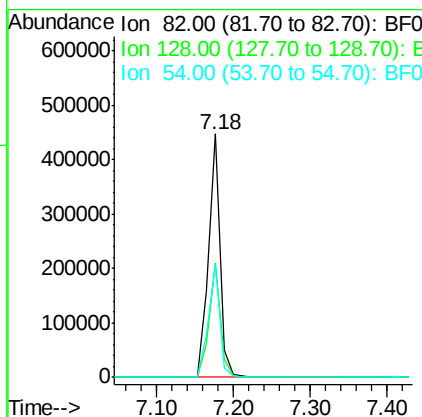
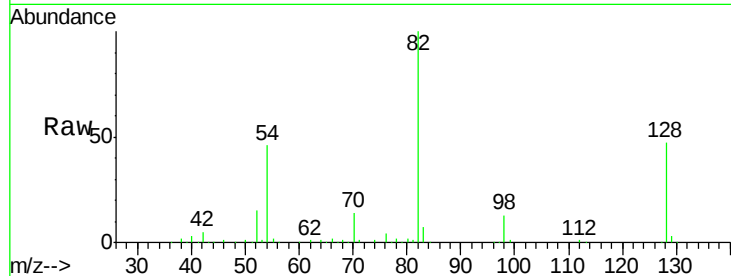




#23
 Nitrobenzene-d5
 Concen: 86.10 ng
 RT: 7.18 min Scan# 489
 Delta R.T. -0.00 min
 Lab File: BF088269.D
 Acq: 23 Jun 2016 00:39

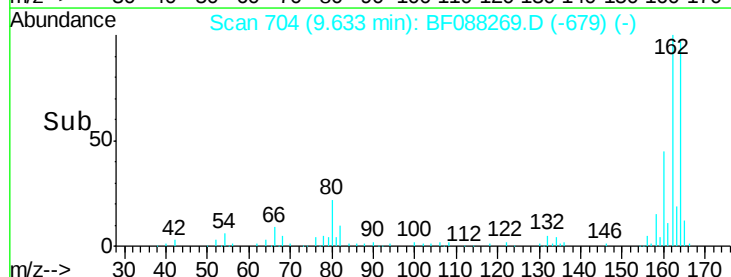
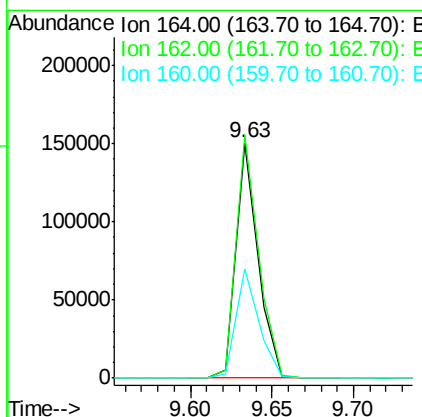
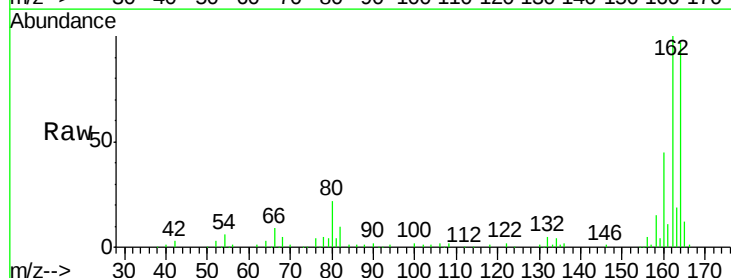
Instrument :
 BNA_F
 ClientSampleId :
 SB-1(3.5-4)

Tot Ion: 82 Resp: 460626
 Ion Ratio Lower Upper
 82 100
 128 47.0 35.9 53.9
 54 46.2 40.9 61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.63 min Scan# 704
 Delta R.T. -0.01 min
 Lab File: BF088269.D
 Acq: 23 Jun 2016 00:39

Tgt Ion:164 Resp: 138781
 Ion Ratio Lower Upper
 164 100
 162 103.5 85.4 128.2
 160 46.3 39.5 59.3

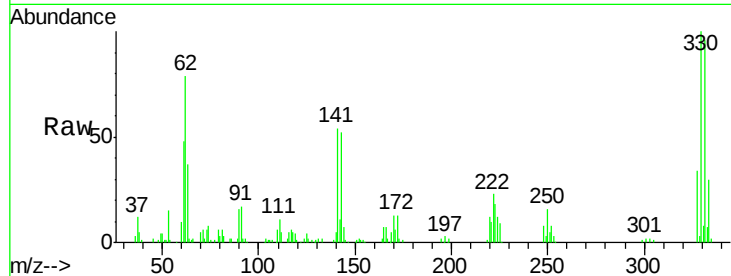




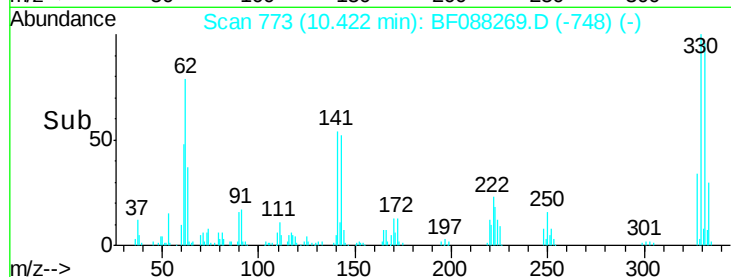
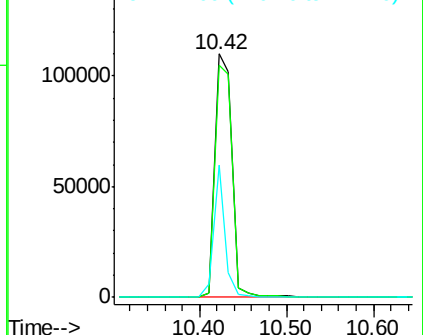
#41
 2,4,6-Tribromophenol
 Concen: 104.53 ng
 RT: 10.42 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BF088269.D
 Acq: 23 Jun 2016 00:39

Instrument :
 BNA_F
 ClientSampled :
 SB-1(3.5-4)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	0.0	0.0#
141	35.4	0.0	0.0#

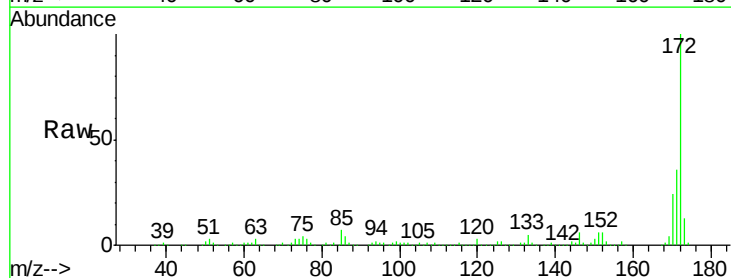


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

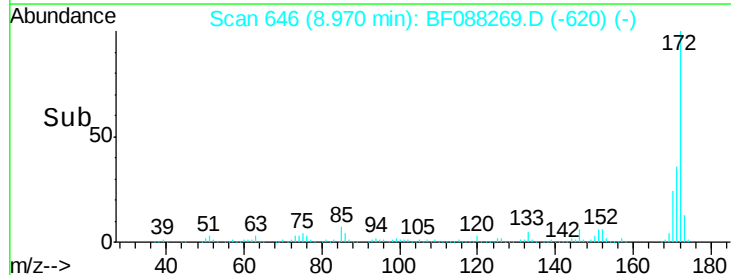
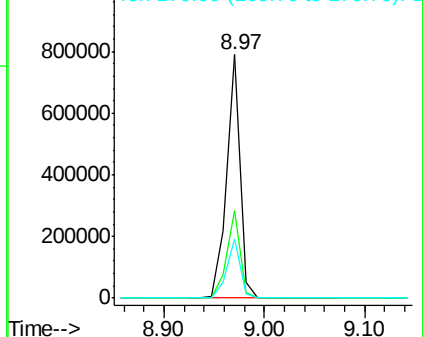


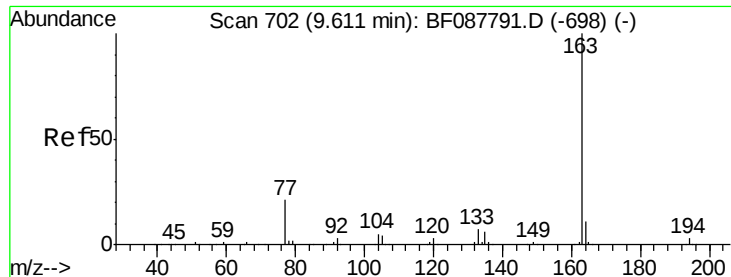
#44
 2-Fluorobiphenyl
 Concen: 83.00 ng
 RT: 8.97 min Scan# 646
 Delta R.T. -0.00 min
 Lab File: BF088269.D
 Acq: 23 Jun 2016 00:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	24.4	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: 11.01 ng

RT: 9.37 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF088269.D

Acq: 23 Jun 2016 00:39

Instrument :

BNA_F

ClientSampleId :

SB-1(3.5-4)

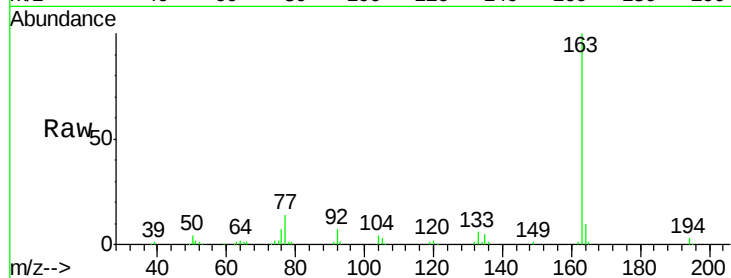
Tot Ion:163 Resp: 110641

Ion Ratio Lower Upper

163 100

194 3.4 2.8 4.2

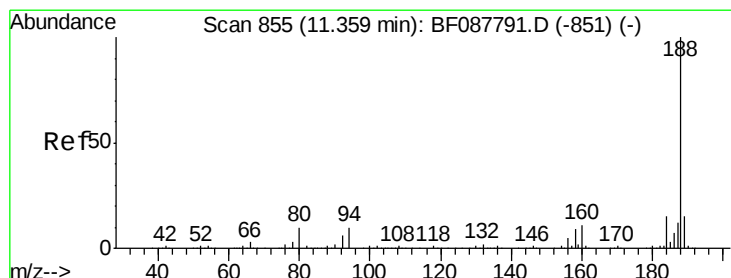
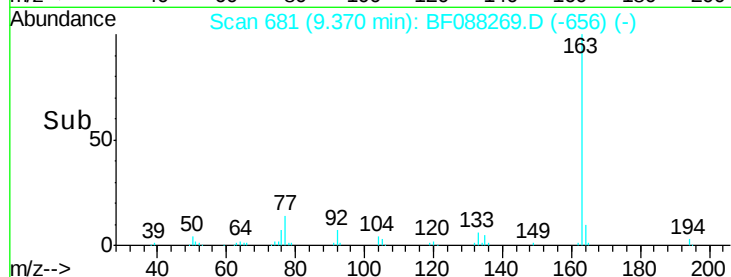
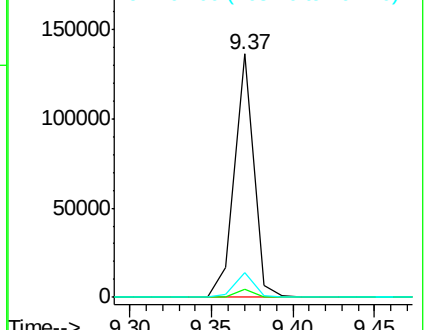
164 10.0 8.3 12.5



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: 11.12 min Scan# 834

Delta R.T. -0.00 min

Lab File: BF088269.D

Acq: 23 Jun 2016 00:39

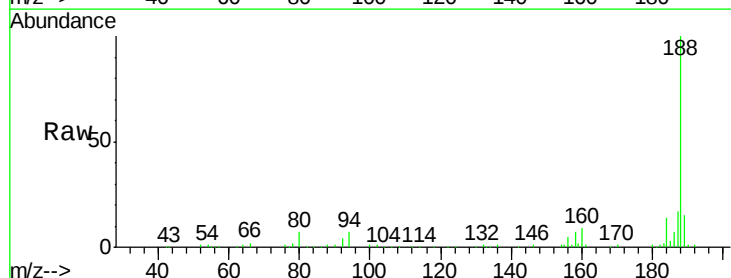
Tgt Ion:188 Resp: 223223

Ion Ratio Lower Upper

188 100

94 6.7 9.0 13.6#

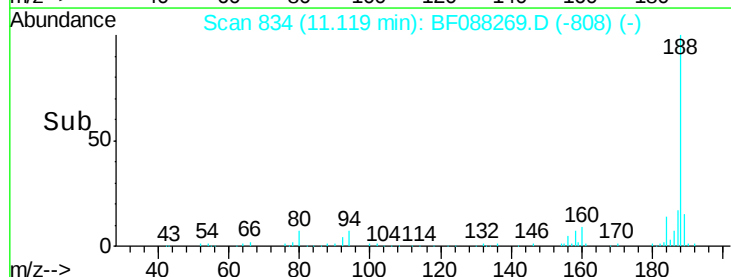
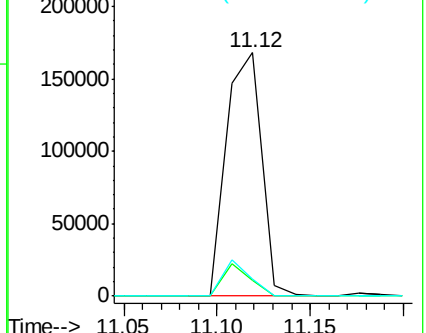
80 6.8 10.0 15.0#

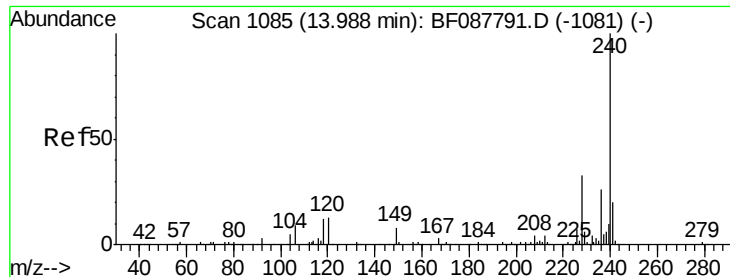


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.74 min Scan# 1063

Delta R.T. -0.01 min

Lab File: BF088269.D

Acq: 23 Jun 2016 00:39

Instrument :

BNA_F

ClientSampleId :

SB-1(3.5-4)

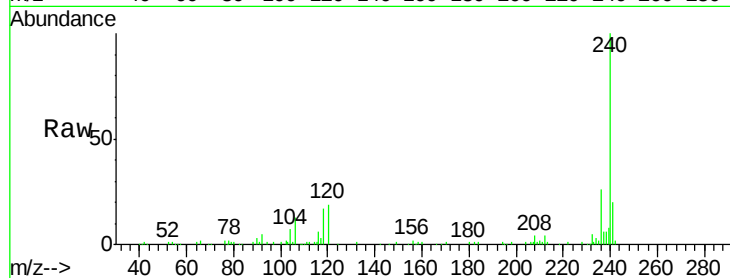
Tot Ion:240 Resp: 162079

Ion Ratio Lower Upper

240 100

120 19.0 6.8 10.2#

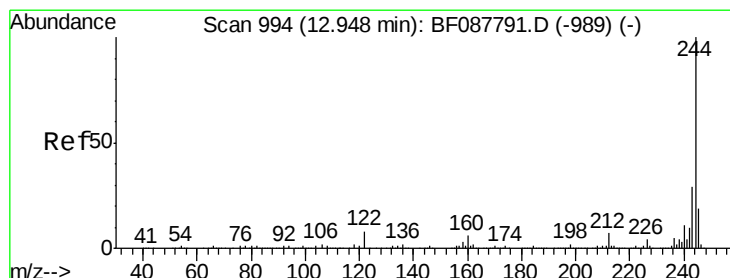
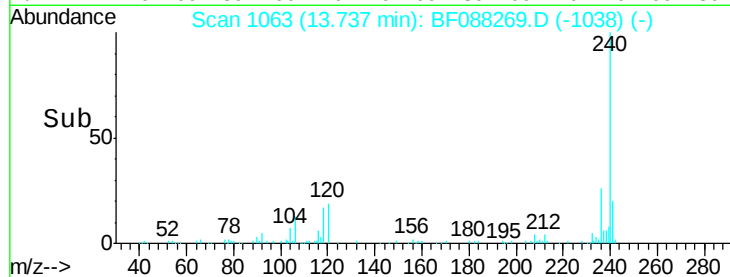
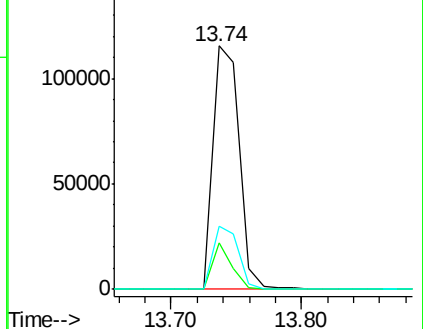
236 25.9 20.2 30.2



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: 67.89 ng

RT: 12.70 min Scan# 972

Delta R.T. -0.00 min

Lab File: BF088269.D

Acq: 23 Jun 2016 00:39

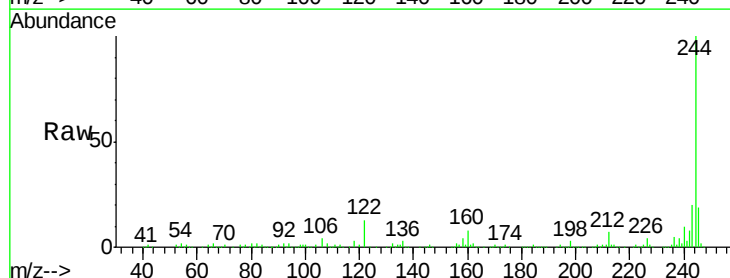
Tgt Ion:244 Resp: 483530

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

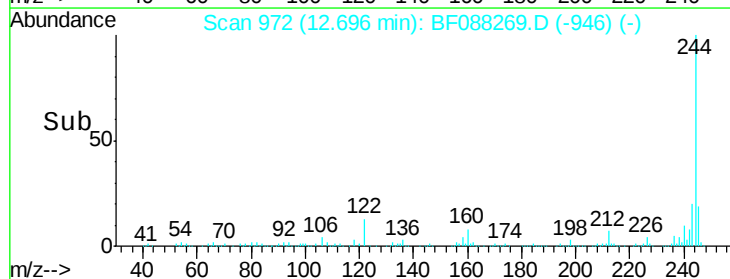
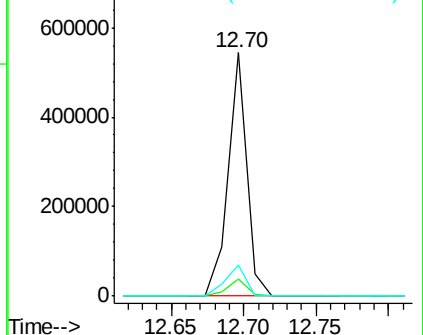
122 13.0 11.2 16.8

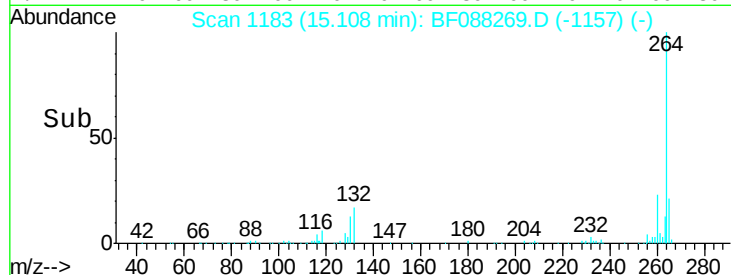
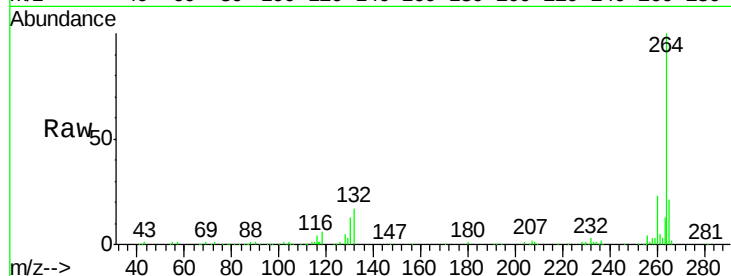
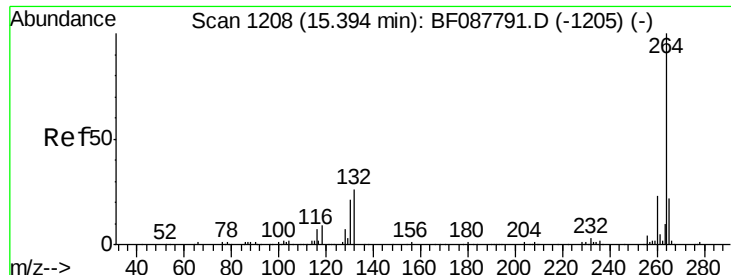


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.11 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: BF088269.D
 Acq: 23 Jun 2016 00:39

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(3.5-4)

Tot Ion:264	Resp:	154037
Ion	Ratio	Lower Upper
264	100	
260	22.6	19.2 28.8
265	20.9	16.9 25.3

