

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
 Data File : BF088656.D
 Acq On : 3 Jul 2016 19:26
 Operator : UM/SJ
 Sample : H3784-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C8-B3(0-11)C

Quant Time: Jul 04 06:08:10 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 18:01:55 2016
 Response via : Initial Calibration

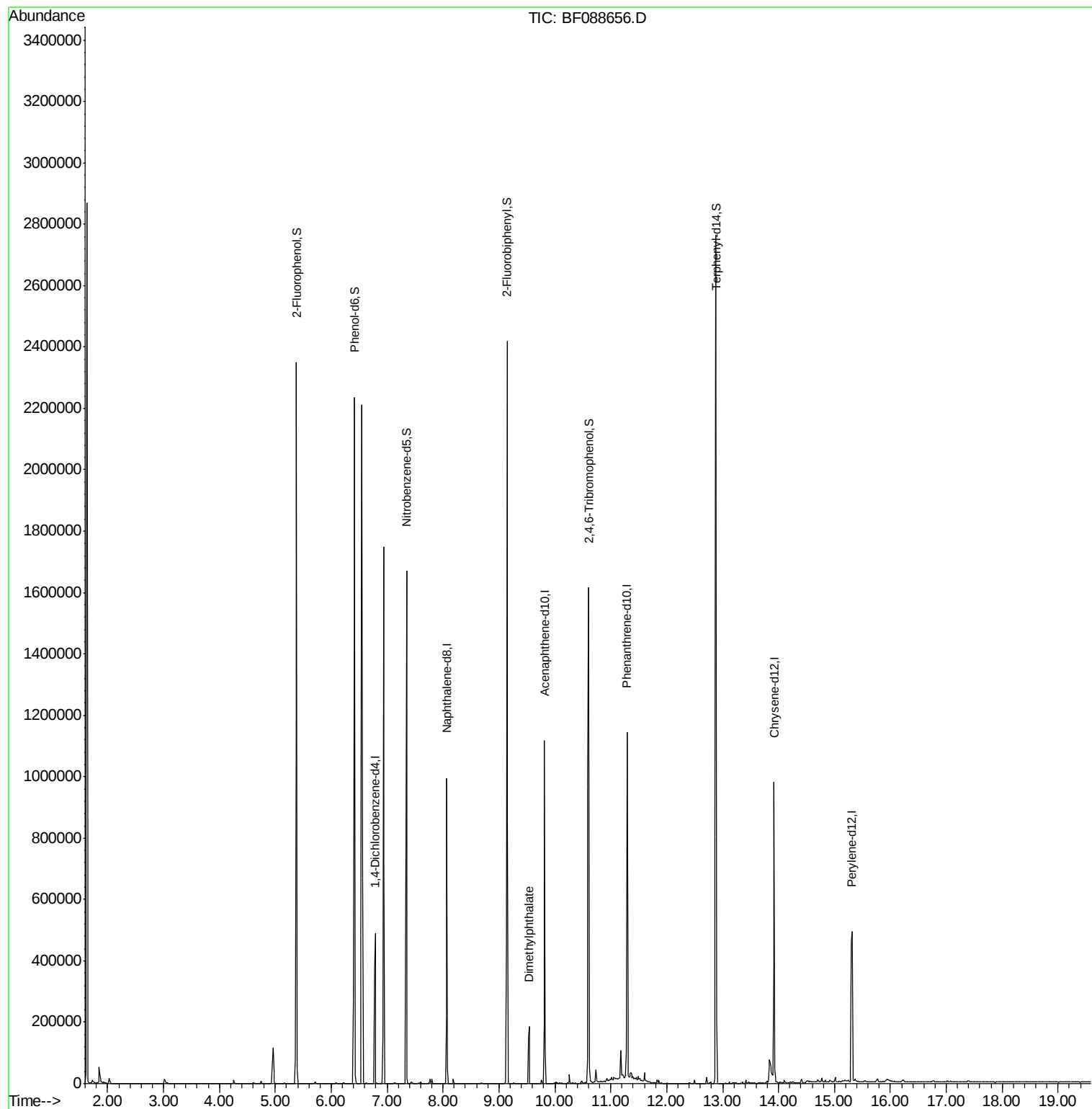
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	100466	20.00	ng	-0.02
21) Naphthalene-d8	8.07	136	425145	20.00	ng	-0.03
38) Acenaphthene-d10	9.82	164	203030	20.00	ng	-0.03
63) Phenanthrene-d10	11.29	188	379657	20.00	ng	-0.03
75) Chrysene-d12	13.92	240	334072	20.00	ng	-0.03
86) Perylene-d12	15.31	264	264480	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	696412	103.89	ng	-0.02
7) Phenol-d6	6.42	99	1019102	117.65	ng	-0.02
23) Nitrobenzene-d5	7.35	82	622514	76.73	ng	-0.03
41) 2,4,6-Tribromophenol	10.60	330	228103	120.99	ng	-0.03
44) 2-Fluorobiphenyl	9.14	172	860638	66.96	ng	-0.03
78) Terphenyl-d14	12.88	244	802895	53.53	ng	-0.03
Target Compounds						Qvalue
49) Dimethylphthalate	9.54	163	111589	7.71	ng	98

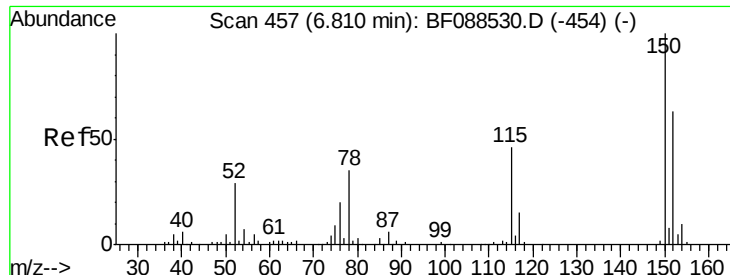
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.79 min Scan# 455

Delta R.T. -0.02 min

Lab File: BF088656.D

Acq: 3 Jul 2016 19:26

Instrument :

BNA_F

ClientSampleId :

C8-B3(0-11)C

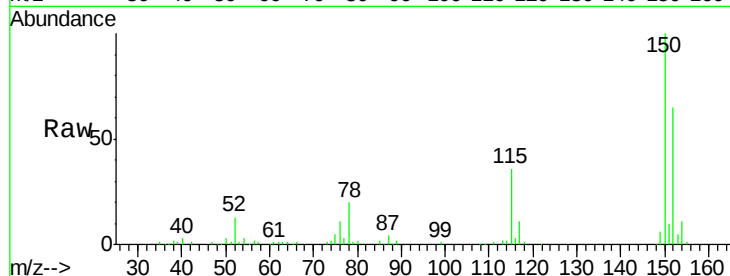
Tot Ion:152 Resp: 100466

Ion Ratio Lower Upper

152 100

150 153.1 123.8 185.6

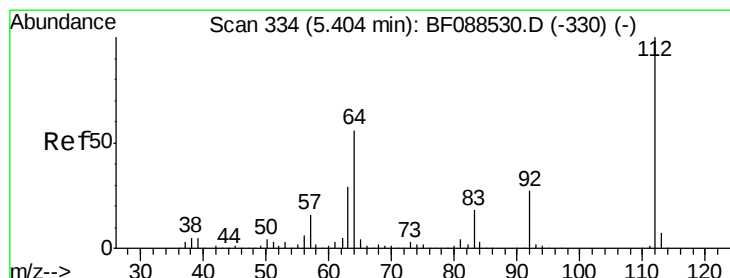
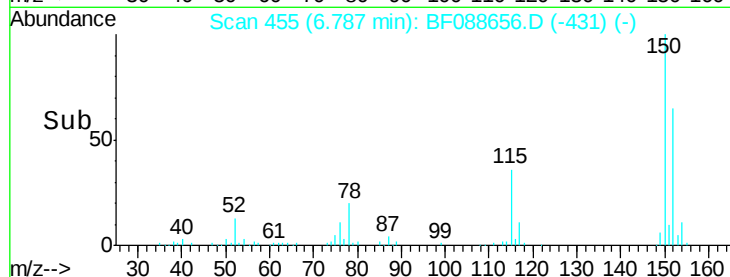
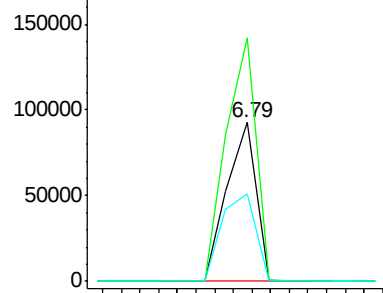
115 54.8 39.6 59.4



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: 103.89 ng

RT: 5.38 min Scan# 332

Delta R.T. -0.02 min

Lab File: BF088656.D

Acq: 3 Jul 2016 19:26

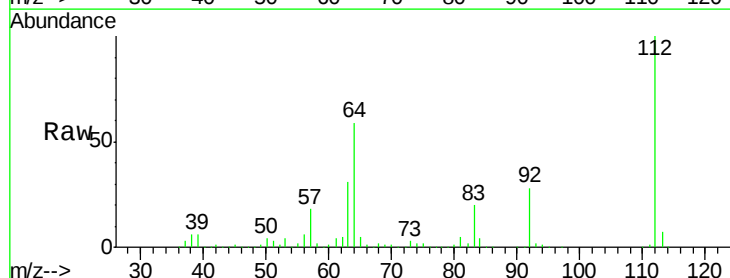
Tgt Ion:112 Resp: 696412

Ion Ratio Lower Upper

112 100

64 59.1 42.2 63.2

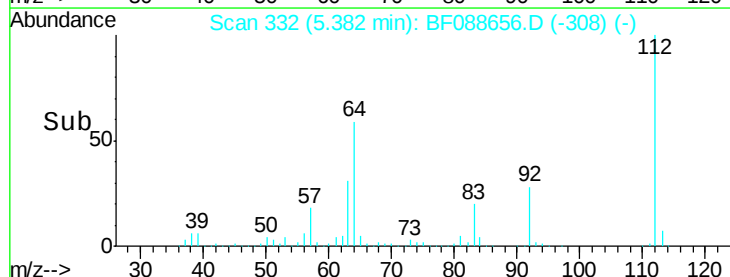
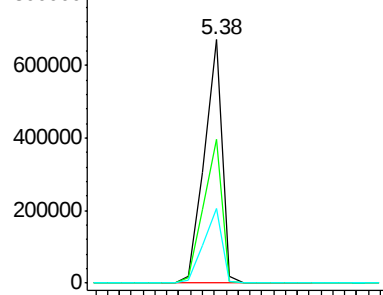
63 30.9 21.8 32.8



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: 117.65 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.02 min

Lab File: BF088656.D

Acq: 3 Jul 2016 19:26

Instrument :

BNA_F

ClientSampled :

C8-B3(0-11)C

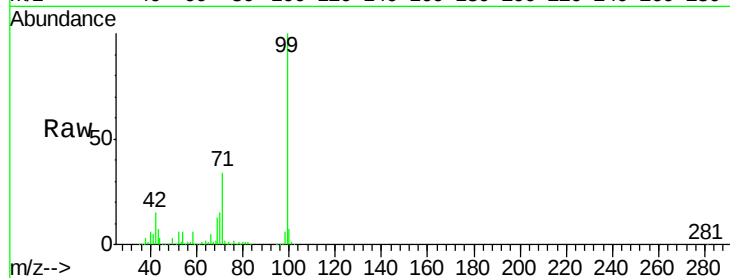
Tot Ion: 99 Resp: 1019102

Ion	Ratio	Lower	Upper
99	100		
42	15.2	12.2	18.2
71	34.1	23.4	35.0

99 100

42 15.2 12.2 18.2

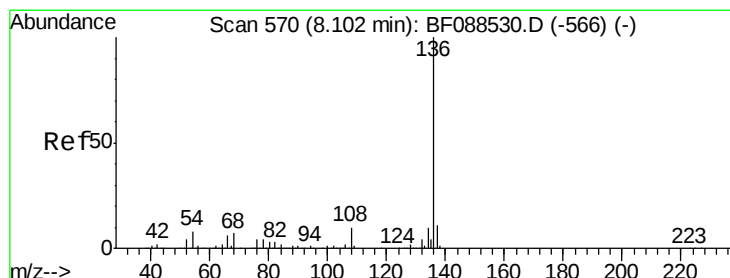
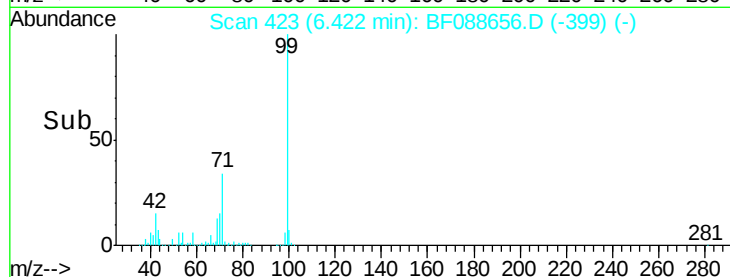
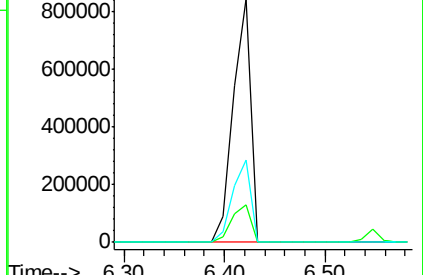
71 34.1 23.4 35.0



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: 8.07 min Scan# 567

Delta R.T. -0.03 min

Lab File: BF088656.D

Acq: 3 Jul 2016 19:26

Tgt Ion: 136 Resp: 425145

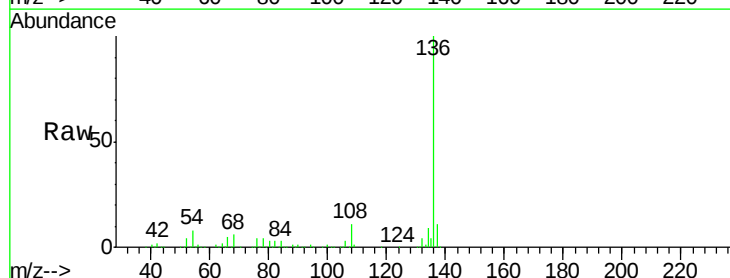
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	7.7	6.6	10.0
68	6.4	5.1	7.7

136 100

137 11.0 9.1 13.7

54 7.7 6.6 10.0

68 6.4 5.1 7.7

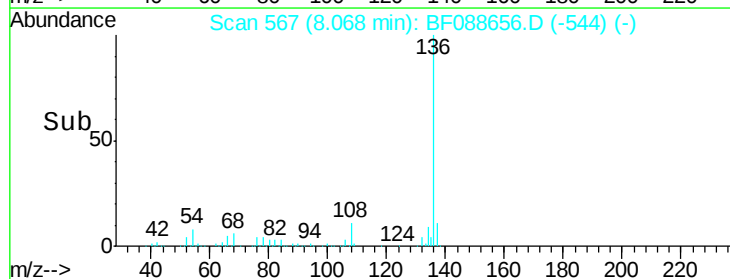
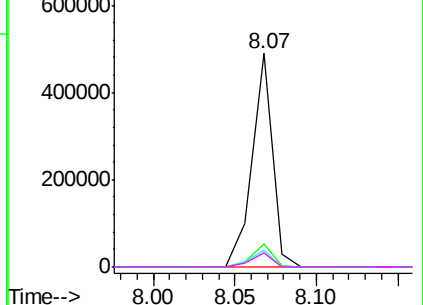


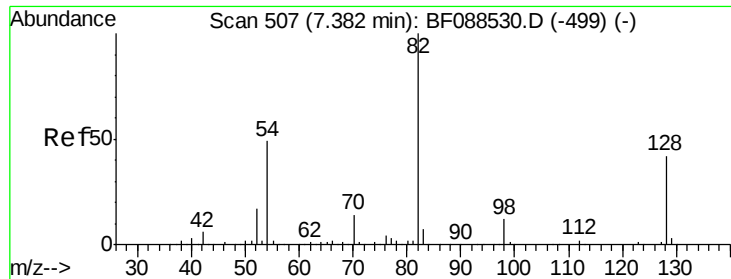
Abundance Ion 136.00 (135.70 to 136.70): E

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

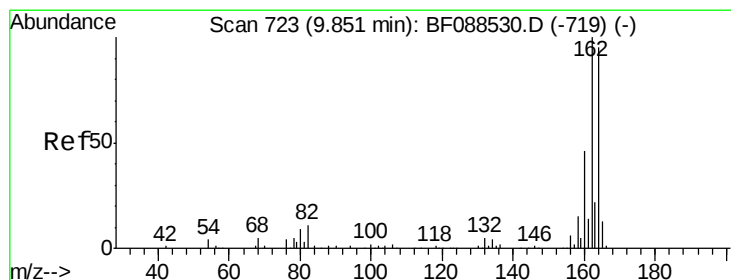
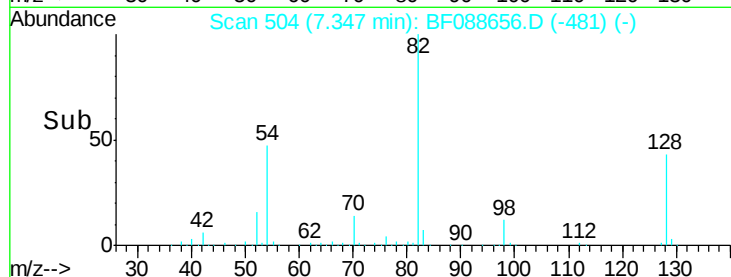
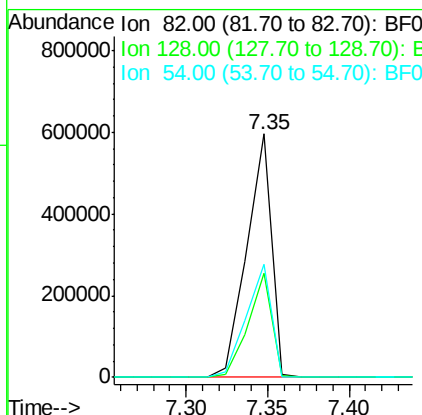
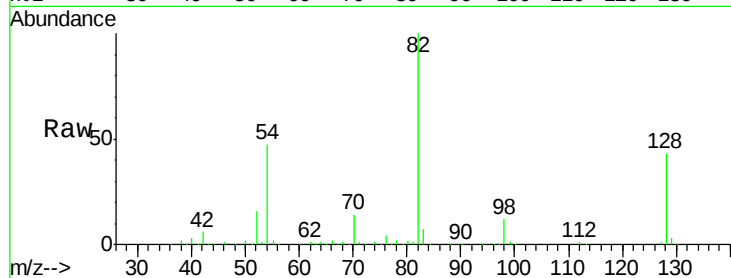




#23
 Nitrobenzene-d5
 Concen: 76.73 ng
 RT: 7.35 min Scan# 504
 Delta R.T. -0.03 min
 Lab File: BF088656.D
 Acq: 3 Jul 2016 19:26

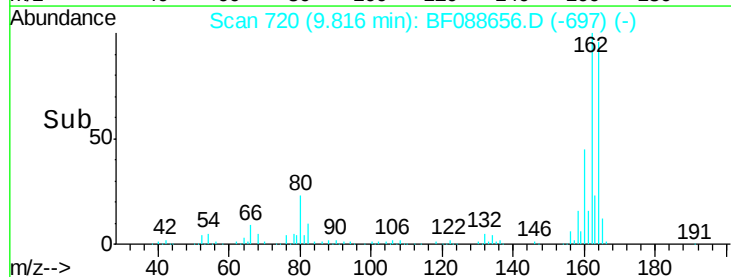
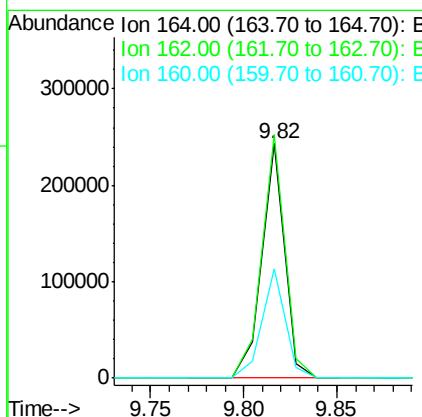
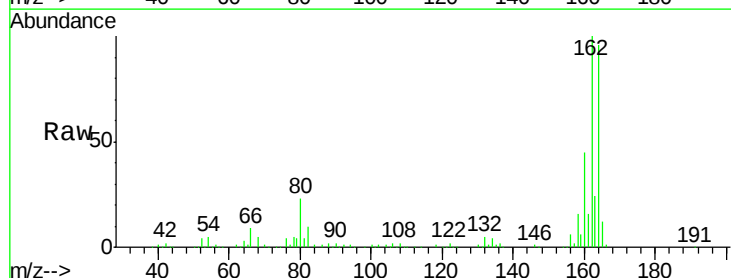
Instrument :
 BNA_F
 ClientSampleId :
 C8-B3(0-11)C

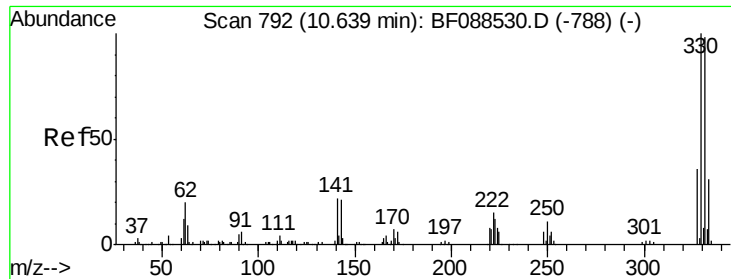
Tot Ion	82	Resp	622514
Ion Ratio	100		
Lower	35.9		
Upper	53.9		
128	43.0		
54	46.5		
	40.9		
	61.3		



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 720
 Delta R.T. -0.03 min
 Lab File: BF088656.D
 Acq: 3 Jul 2016 19:26

Tgt Ion	164	Resp	203030
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower <td>85.4</td> <td></td> <td></td>	85.4		
Upper <td>128.2</td> <td></td> <td></td>	128.2		
162	103.9		
160	46.7		
	39.5		
	59.3		

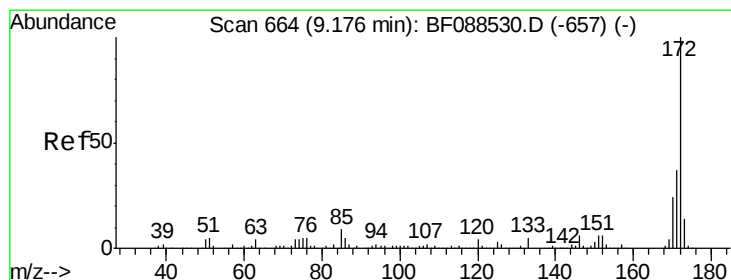
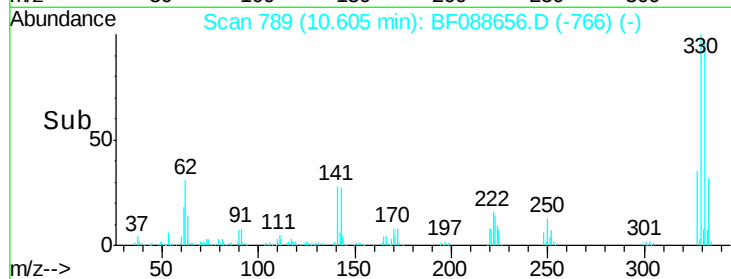
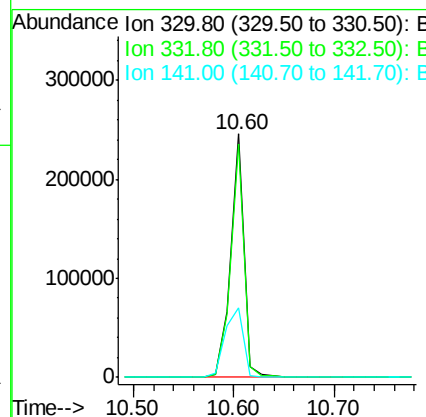
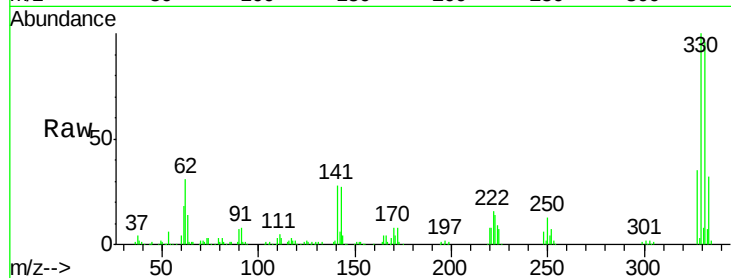




#41
 2,4,6-Tribromophenol
 Concen: 120.99 ng
 RT: 10.60 min Scan# 789
 Delta R.T. -0.03 min
 Lab File: BF088656.D
 Acq: 3 Jul 2016 19:26

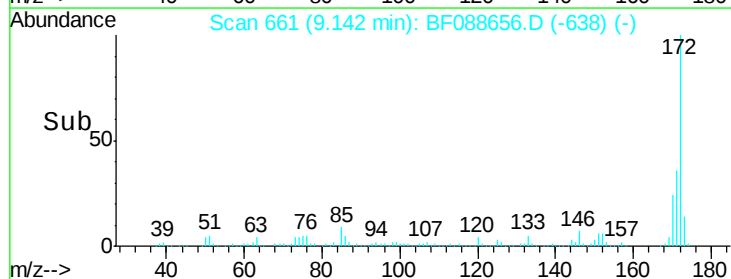
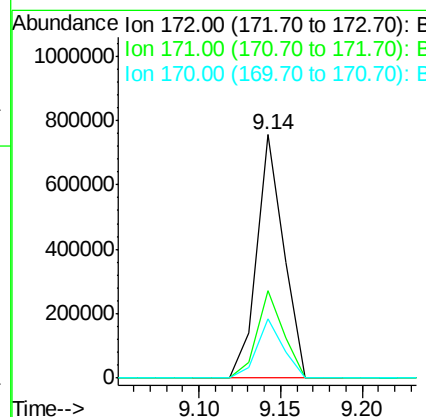
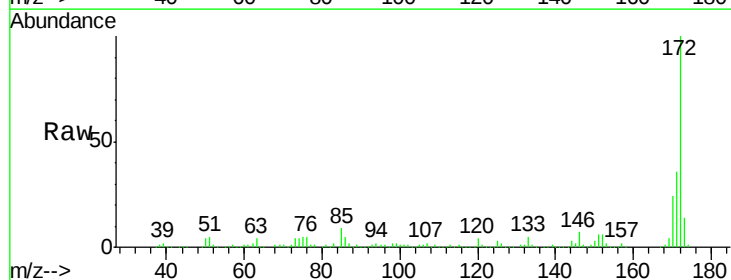
Instrument :
 BNA_F
 ClientSampleId :
 C8-B3(0-11)C

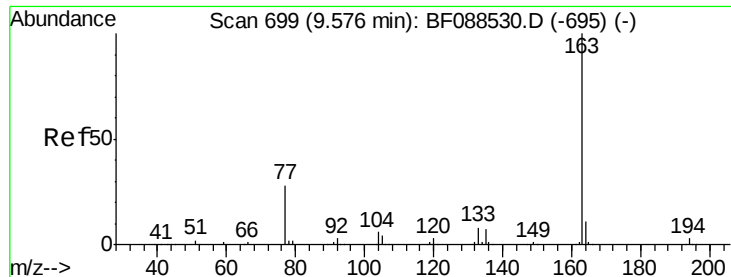
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	0.0	0.0#
141	39.0	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 66.96 ng
 RT: 9.14 min Scan# 661
 Delta R.T. -0.03 min
 Lab File: BF088656.D
 Acq: 3 Jul 2016 19:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	24.2	19.2	28.8

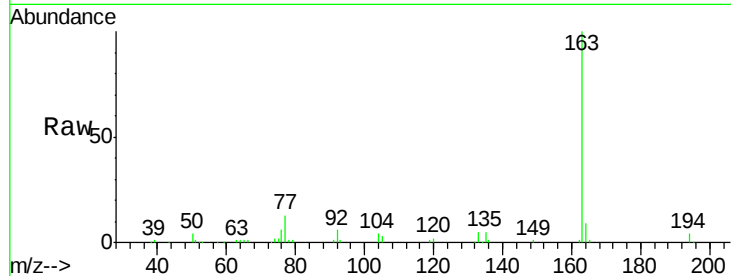




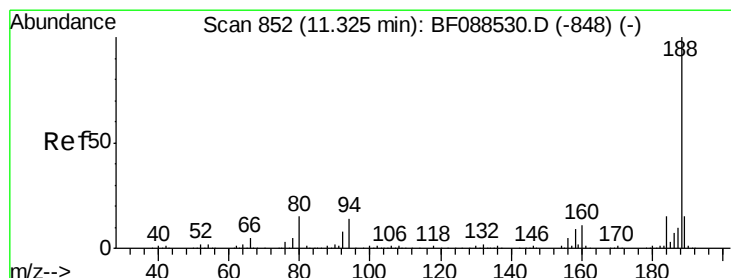
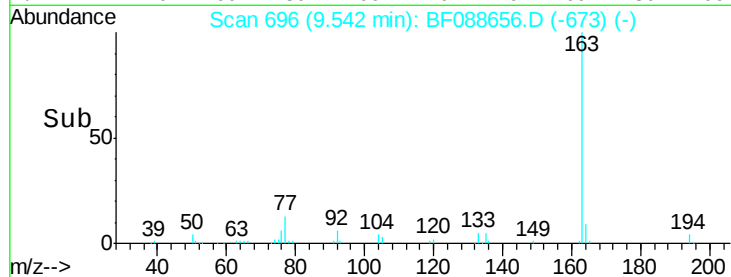
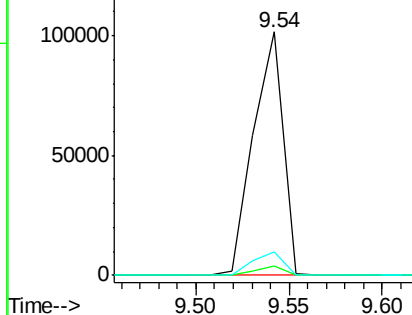
#49
Dimethylphthalate
Concen: 7.71 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.03 min
Lab File: BF088656.D
Acq: 3 Jul 2016 19:26

Instrument :
BNA_F
ClientSampleId :
C8-B3(0-11)C

Tot Ion:163 Resp: 111589
Ion Ratio Lower Upper
163 100
194 3.9 2.8 4.2
164 9.5 8.3 12.5

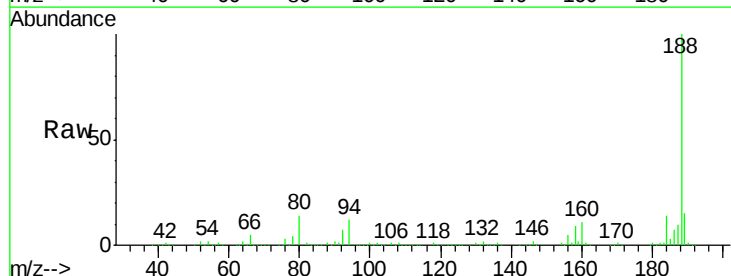


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

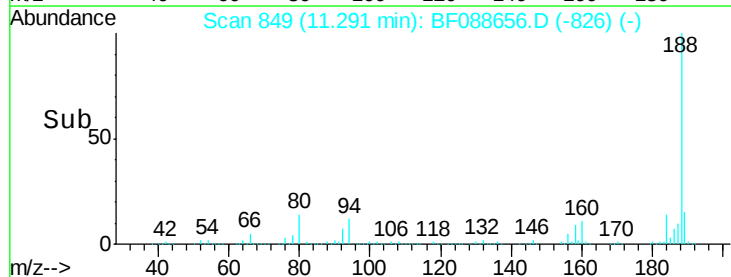
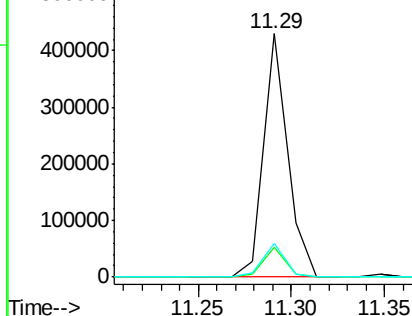


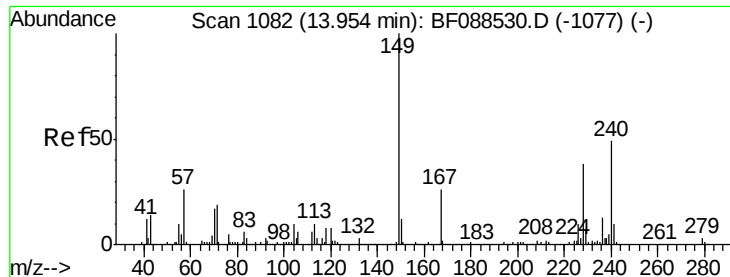
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 849
Delta R.T. -0.03 min
Lab File: BF088656.D
Acq: 3 Jul 2016 19:26

Tgt Ion:188 Resp: 379657
Ion Ratio Lower Upper
188 100
94 12.2 9.0 13.6
80 13.8 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: 13.92 min Scan# 1079

Delta R.T. -0.03 min

Lab File: BF088656.D

Acq: 3 Jul 2016 19:26

Instrument :

BNA_F

ClientSampleId :

C8-B3(0-11)C

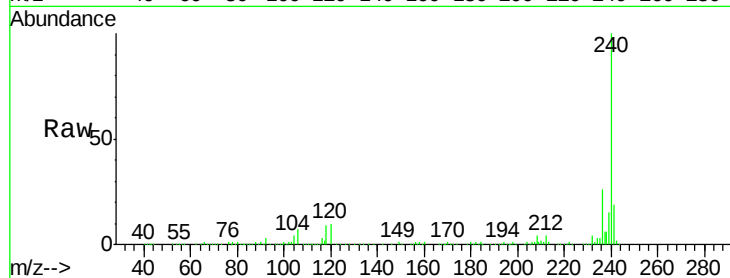
Tot Ion:240 Resp: 334072

Ion Ratio Lower Upper

240 100

120 10.1 6.8 10.2

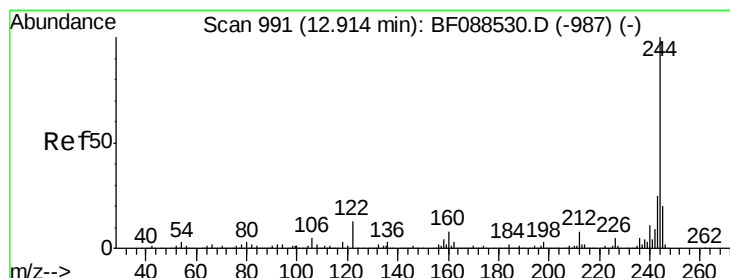
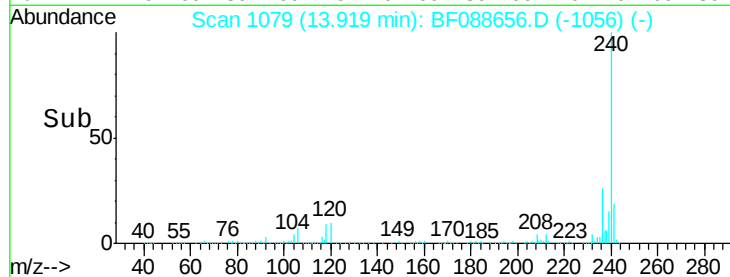
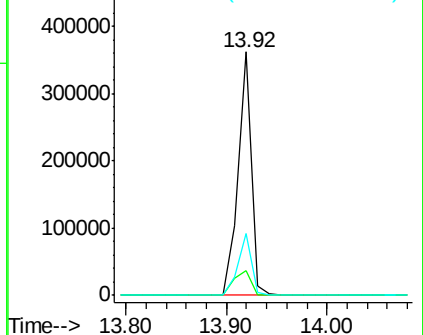
236 25.7 20.2 30.2



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: 53.53 ng

RT: 12.88 min Scan# 988

Delta R.T. -0.03 min

Lab File: BF088656.D

Acq: 3 Jul 2016 19:26

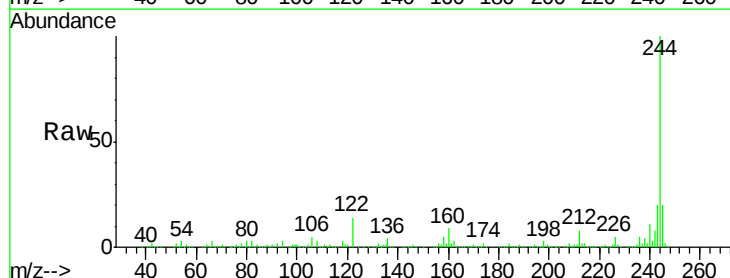
Tgt Ion:244 Resp: 802895

Ion Ratio Lower Upper

244 100

212 8.1 6.0 9.0

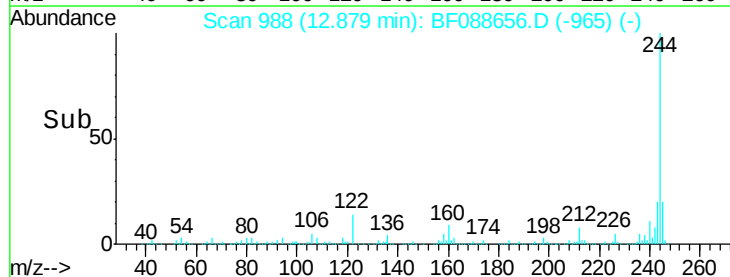
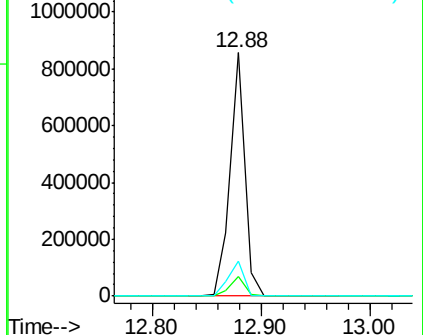
122 14.5 11.2 16.8

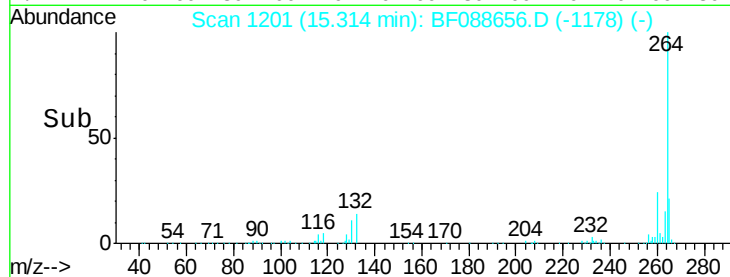
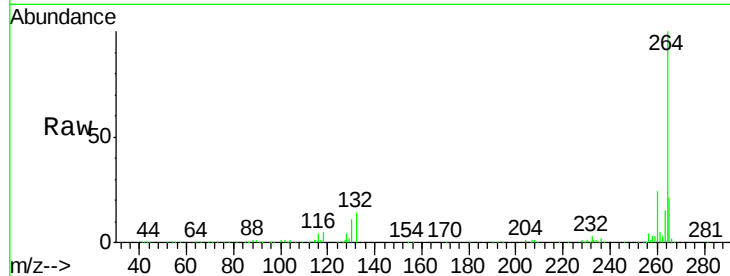
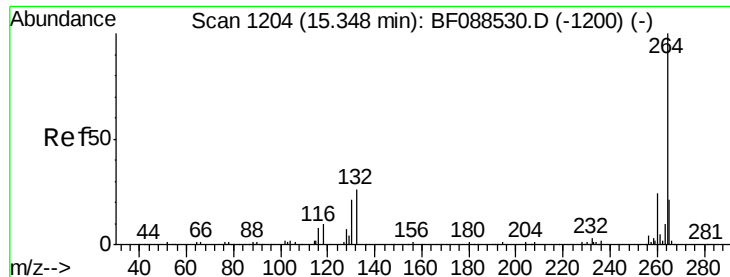


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.31 min Scan# 1201
 Delta R.T. -0.03 min
 Lab File: BF088656.D
 Acq: 3 Jul 2016 19:26

Instrument :
 BNA_F
 ClientSampleId :
 C8-B3(0-11)C

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	20.7	16.9	25.3

