

Data Path : V:\HPCHEM1\BNA F\DATA\BF070916\
 Data File : BF088867.D
 Acq On : 9 Jul 2016 13:15
 Operator : UM/SJ
 Sample : H3813-26
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-WW002-01

Quant Time: Jul 11 05:28:39 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 18:51:20 2016
 Response via : Initial Calibration

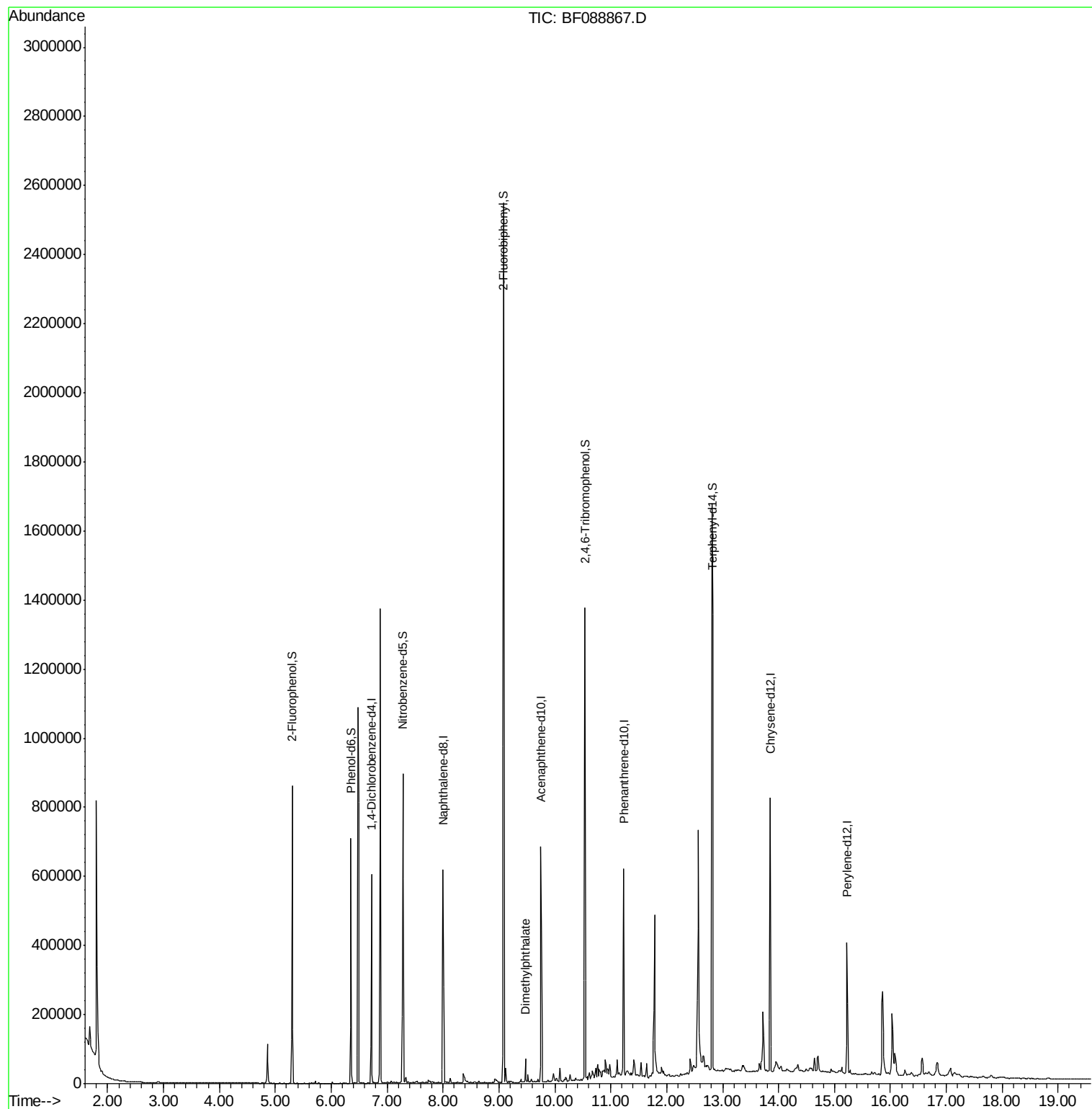
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	81755	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	308503	20.00	ng	-0.02
38) Acenaphthene-d10	9.75	164	153476	20.00	ng	-0.02
63) Phenanthrene-d10	11.23	188	320201	20.00	ng	-0.01
75) Chrysene-d12	13.85	240	241009	20.00	ng	-0.02
86) Perylene-d12	15.22	264	171460	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	228975	41.97	ng	-0.02
7) Phenol-d6	6.35	99	230359	32.68	ng	-0.02
23) Nitrobenzene-d5	7.28	82	410484	69.73	ng	-0.02
41) 2,4,6-Tribromophenol	10.54	330	159944	112.23	ng	-0.02
44) 2-Fluorobiphenyl	9.08	172	814311	83.81	ng	-0.01
78) Terphenyl-d14	12.82	244	721373	66.67	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.47	163	23749	2.17	ng	Qvalue 96

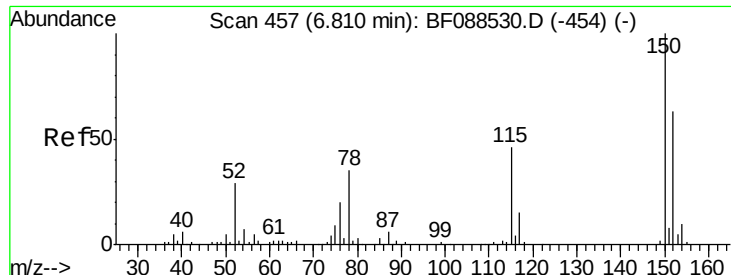
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.72 min Scan# 449

Delta R.T. -0.01 min

Lab File: BF088867.D

Acq: 9 Jul 2016 13:15

Instrument :

BNA_F

ClientSampleId :

P001-WW002-01

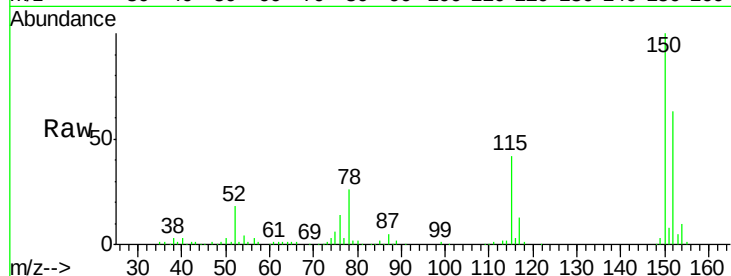
Tot Ion:152 Resp: 81755

Ion Ratio Lower Upper

152 100

150 158.5 123.8 185.6

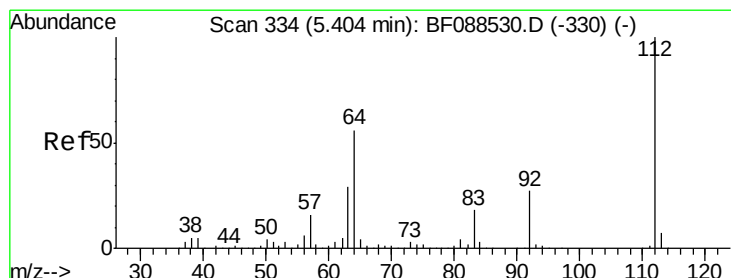
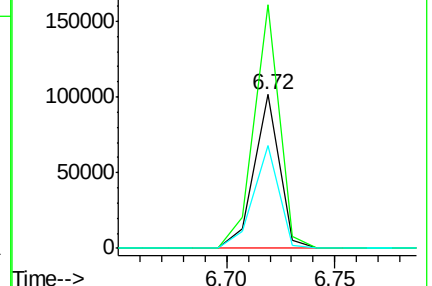
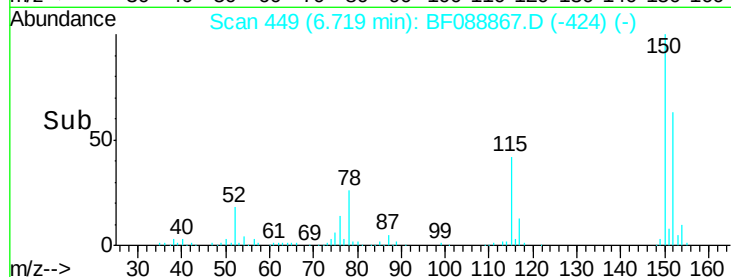
115 66.8 39.6 59.4#



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: 41.97 ng

RT: 5.30 min Scan# 325

Delta R.T. -0.02 min

Lab File: BF088867.D

Acq: 9 Jul 2016 13:15

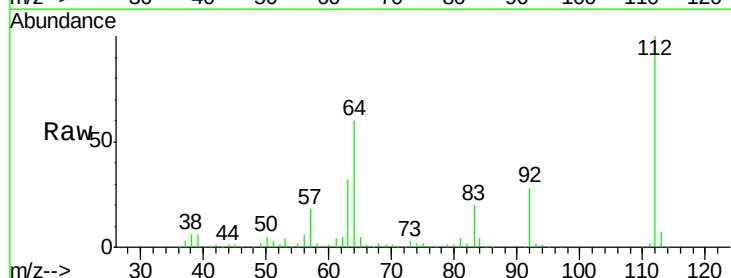
Tgt Ion:112 Resp: 228975

Ion Ratio Lower Upper

112 100

64 60.3 42.2 63.2

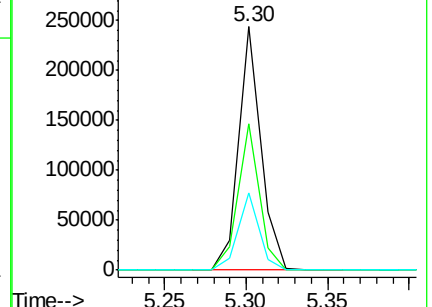
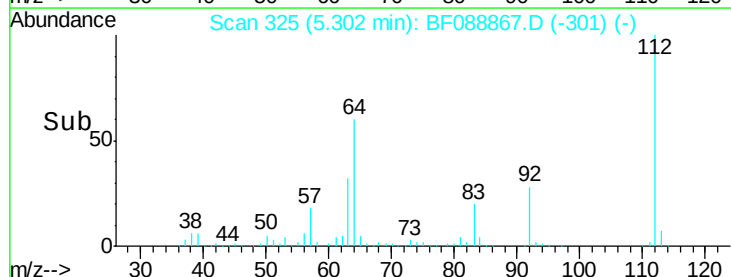
63 31.7 21.8 32.8

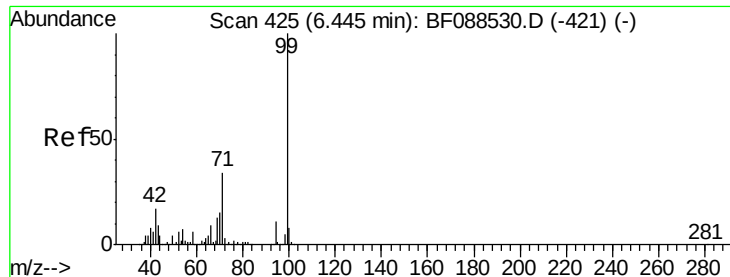


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 32.68 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.02 min

Lab File: BF088867.D

Acq: 9 Jul 2016 13:15

Instrument :

BNA_F

ClientSampleId :

P001-WW002-01

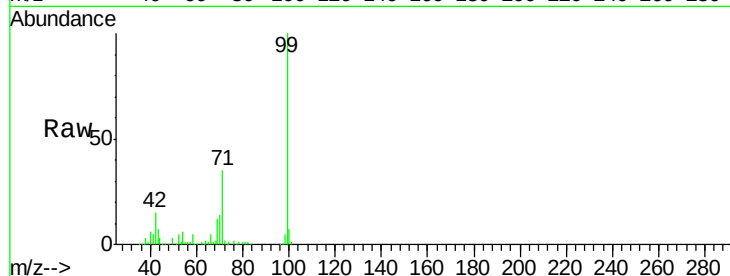
Tot Ion: 99 Resp: 230359

Ion Ratio Lower Upper

99 100

42 15.1 12.2 18.2

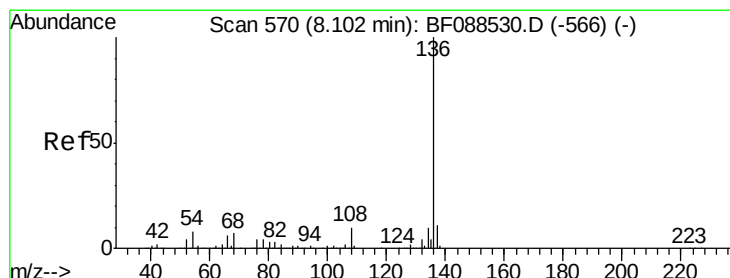
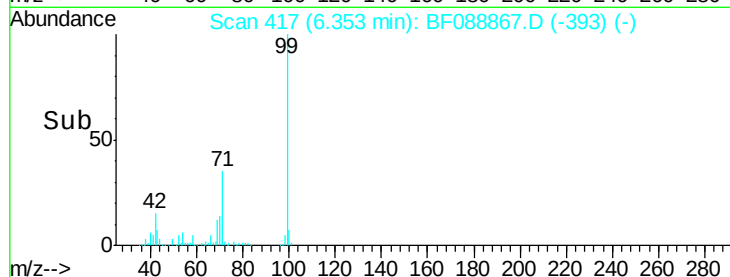
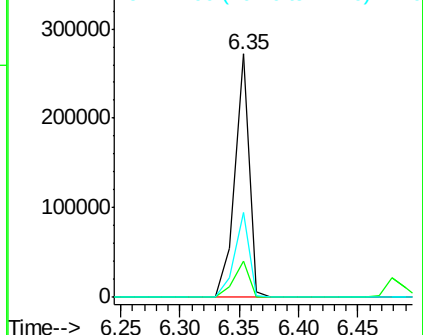
71 34.9 23.4 35.0



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: 8.00 min Scan# 561

Delta R.T. -0.02 min

Lab File: BF088867.D

Acq: 9 Jul 2016 13:15

Tgt Ion: 136 Resp: 308503

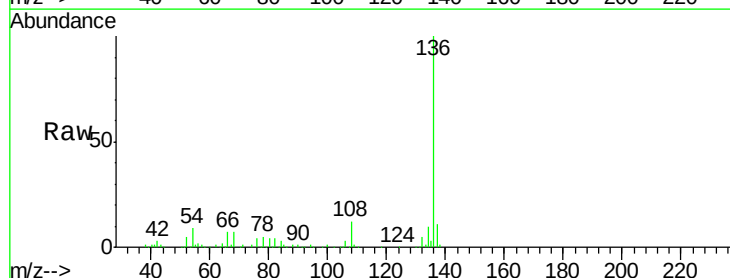
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 9.0 6.6 10.0

68 7.0 5.1 7.7

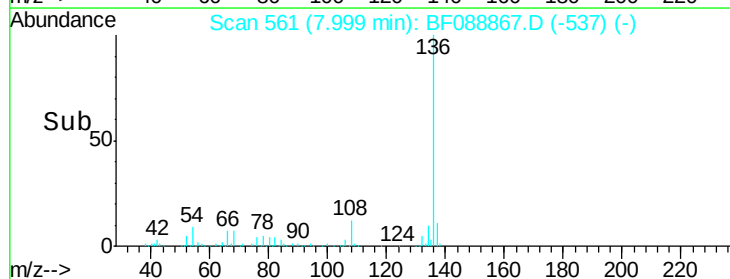
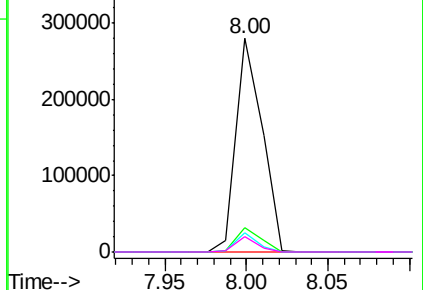


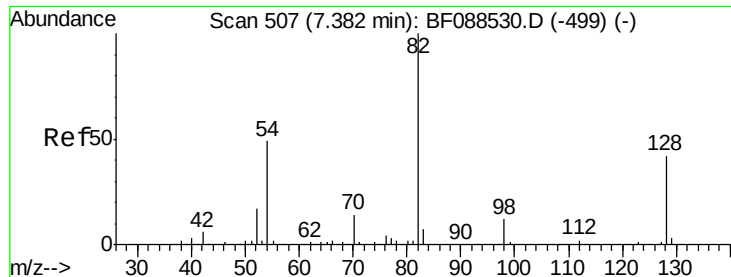
Abundance Ion 136.00 (135.70 to 136.70): E

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

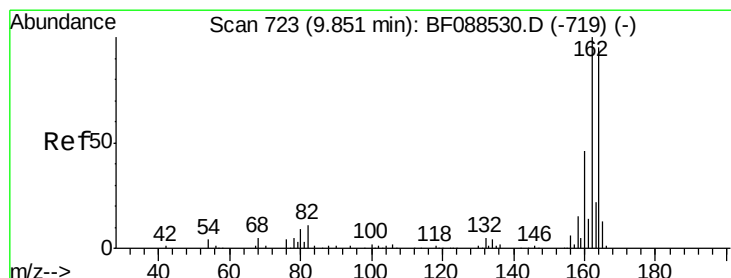
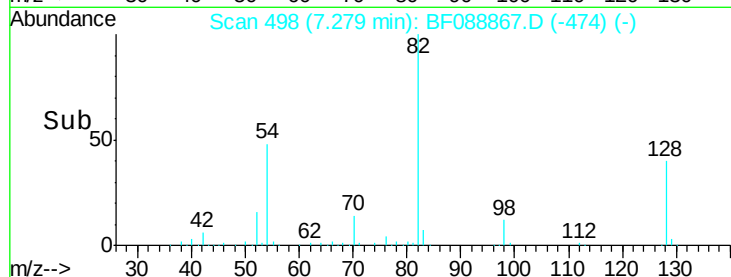
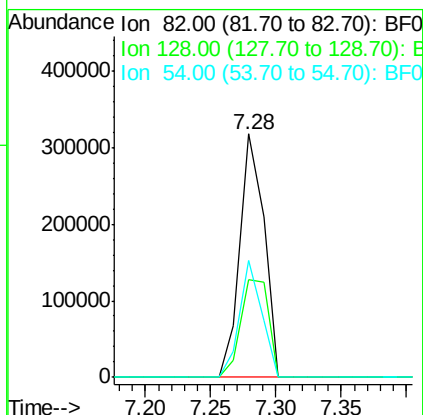
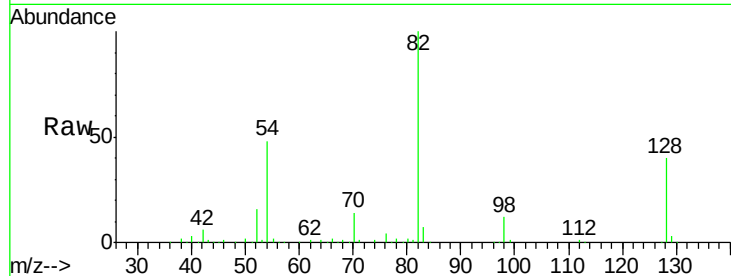




#23
 Nitrobenzene-d5
 Concen: 69.73 ng
 RT: 7.28 min Scan# 498
 Delta R.T. -0.02 min
 Lab File: BF088867.D
 Acq: 9 Jul 2016 13:15

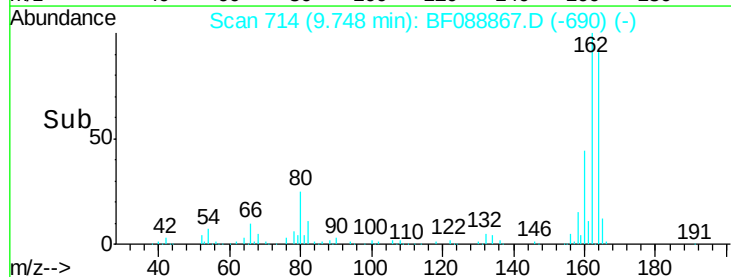
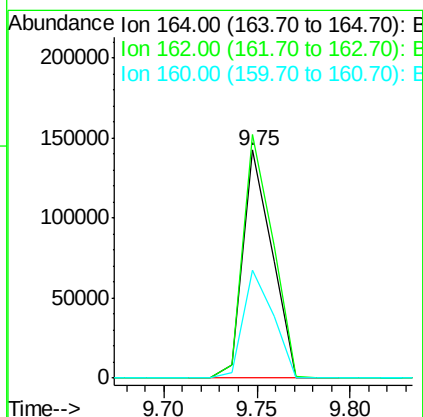
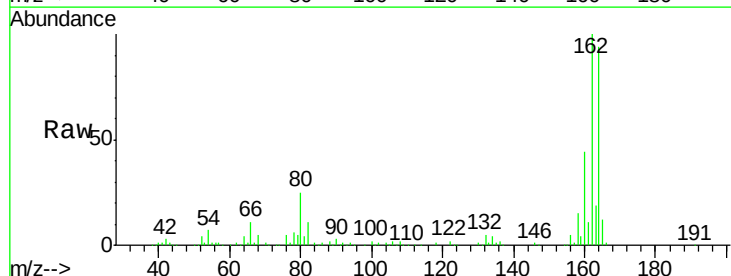
Instrument :
 BNA_F
 ClientSampleId :
 P001-WW002-01

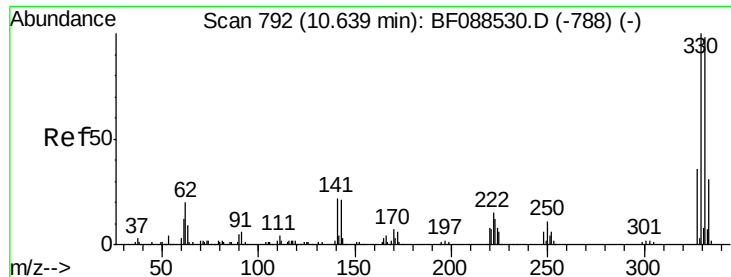
Tot Ion: 82 Resp: 410484
 Ion Ratio Lower Upper
 82 100
 128 40.4 35.9 53.9
 54 47.9 40.9 61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.75 min Scan# 714
 Delta R.T. -0.02 min
 Lab File: BF088867.D
 Acq: 9 Jul 2016 13:15

Tgt Ion: 164 Resp: 153476
 Ion Ratio Lower Upper
 164 100
 162 106.7 85.4 128.2
 160 47.4 39.5 59.3

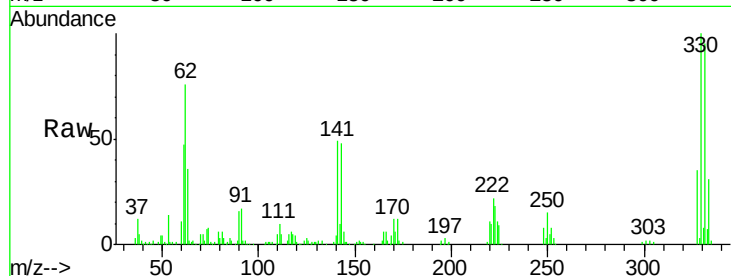




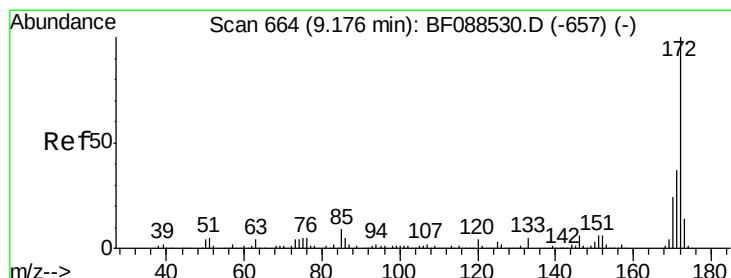
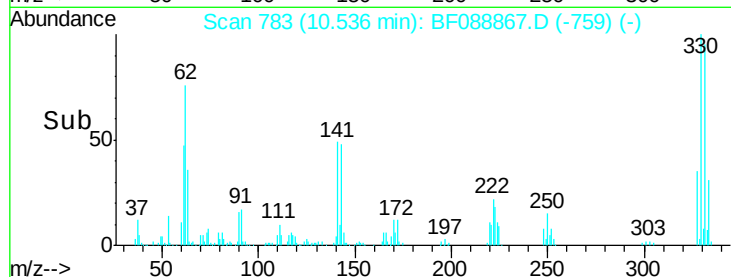
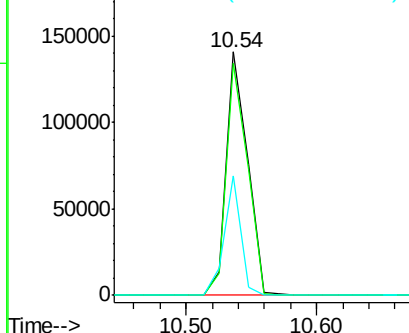
#41
 2,4,6-Tribromophenol
 Concen: 112.23 ng
 RT: 10.54 min Scan# 783
 Delta R.T. -0.02 min
 Lab File: BF088867.D
 Acq: 9 Jul 2016 13:15

Instrument :
 BNA_F
 ClientSampleId :
 P001-WW002-01

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	0.0	0.0#
141	38.8	0.0	0.0#

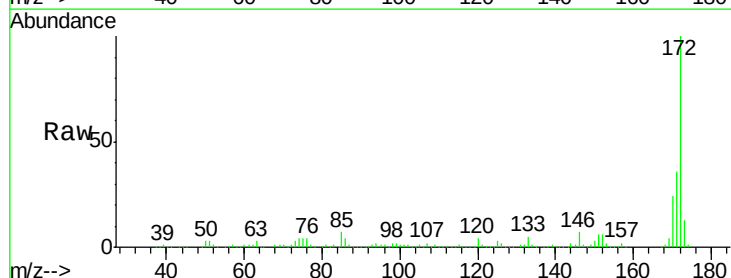


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

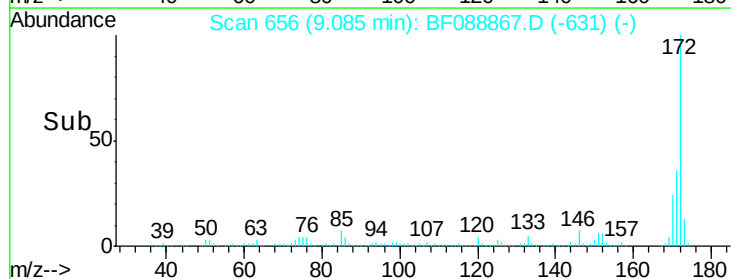
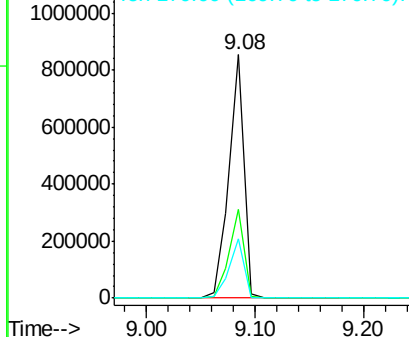


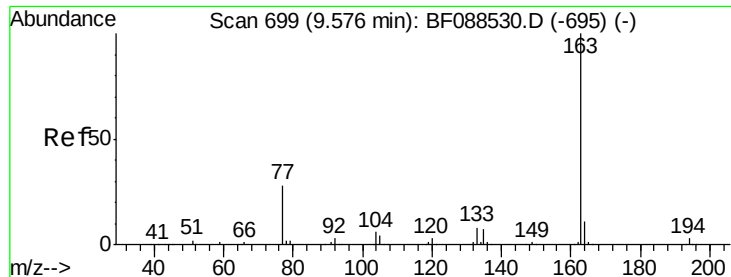
#44
 2-Fluorobiphenyl
 Concen: 83.81 ng
 RT: 9.08 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: BF088867.D
 Acq: 9 Jul 2016 13:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	24.3	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

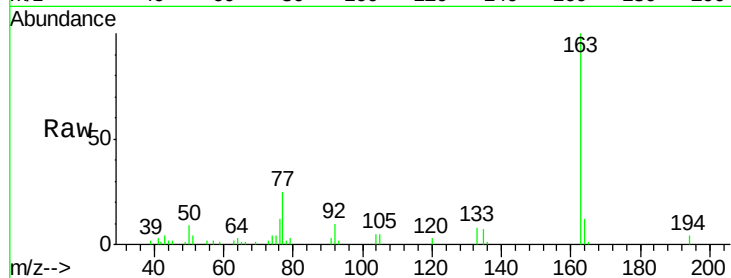




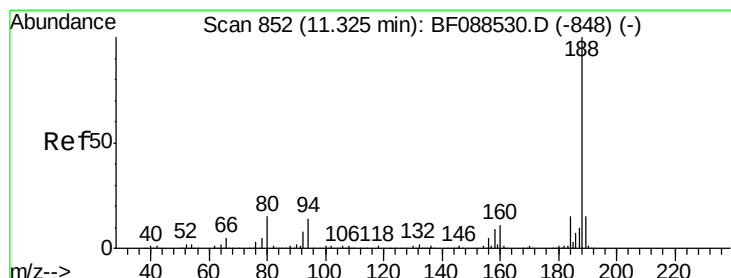
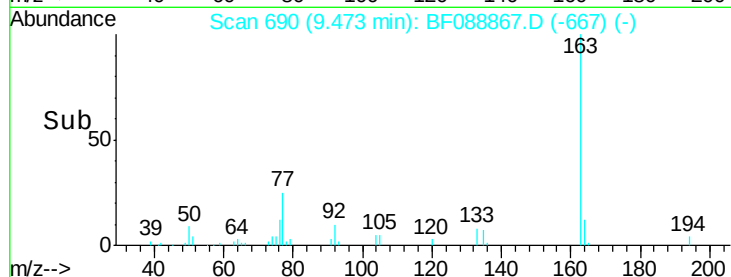
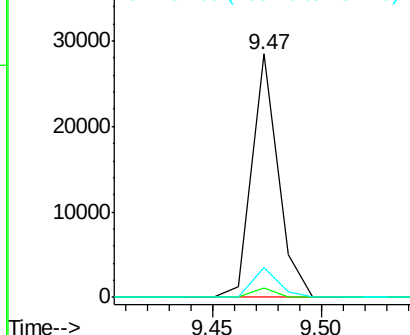
#49
Dimethylphthalate
Concen: 2.17 ng
RT: 9.47 min Scan# 690
Delta R.T. -0.03 min
Lab File: BF088867.D
Acq: 9 Jul 2016 13:15

Instrument :
BNA_F
ClientSampleId :
P001-WW002-01

Tot Ion:163 Resp: 23749
Ion Ratio Lower Upper
163 100
194 3.6 2.8 4.2
164 12.3 8.3 12.5

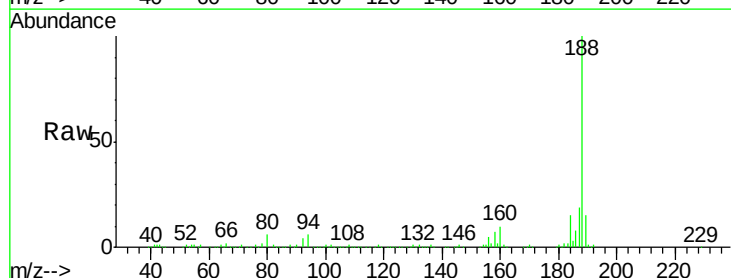


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

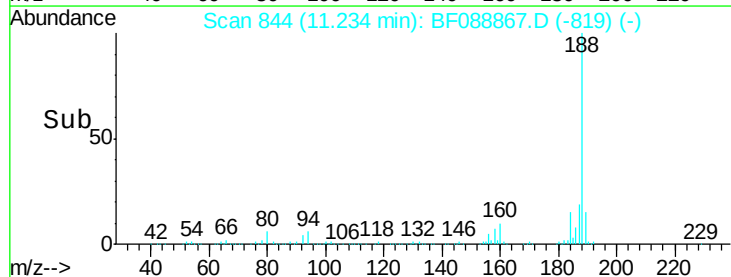
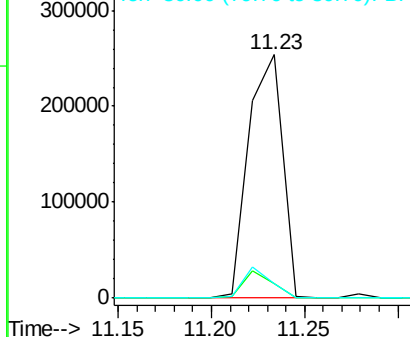


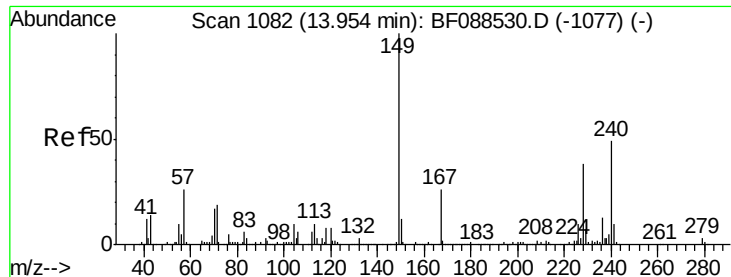
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF088867.D
Acq: 9 Jul 2016 13:15

Tgt Ion:188 Resp: 320201
Ion Ratio Lower Upper
188 100
94 5.9 9.0 13.6#
80 6.2 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: 13.85 min Scan# 1073

Delta R.T. -0.02 min

Lab File: BF088867.D

Acq: 9 Jul 2016 13:15

Instrument :

BNA_F

ClientSampleId :

P001-WW002-01

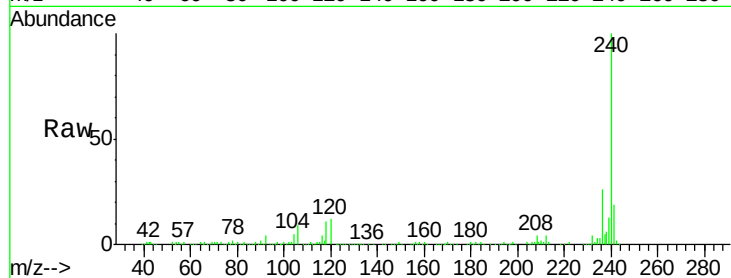
Tot Ion:240 Resp: 241009

Ion Ratio Lower Upper

240 100

120 12.4 6.8 10.2#

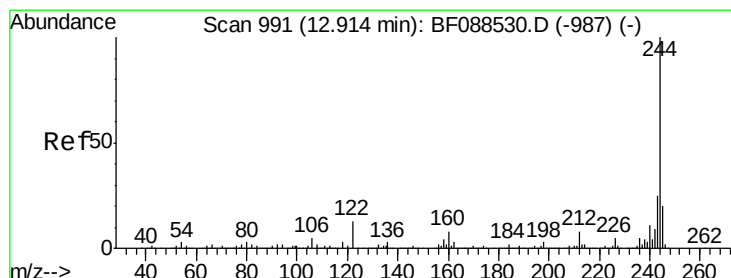
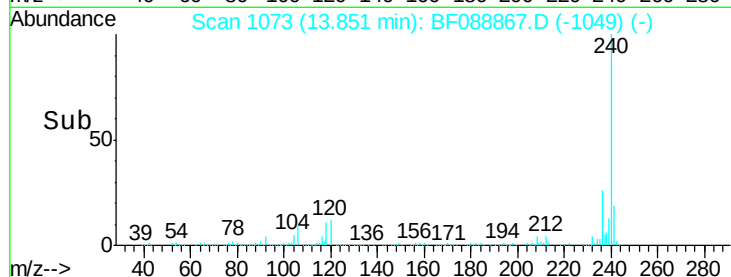
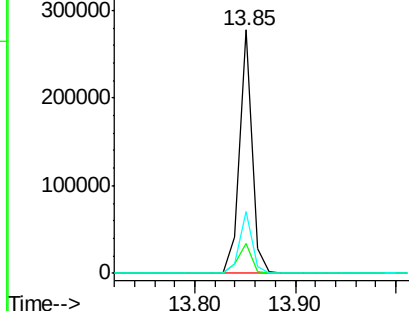
236 25.6 20.2 30.2



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: 66.67 ng

RT: 12.82 min Scan# 983

Delta R.T. 0.00 min

Lab File: BF088867.D

Acq: 9 Jul 2016 13:15

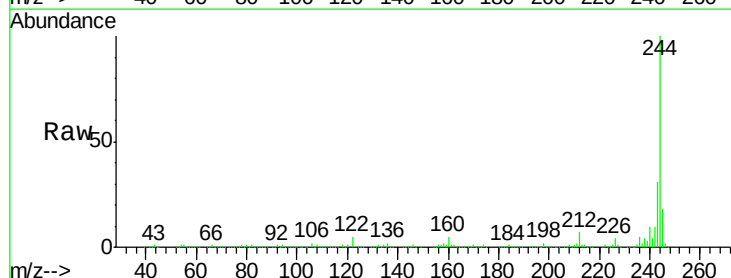
Tgt Ion:244 Resp: 721373

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

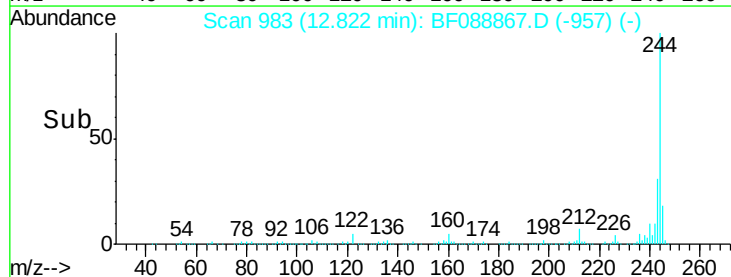
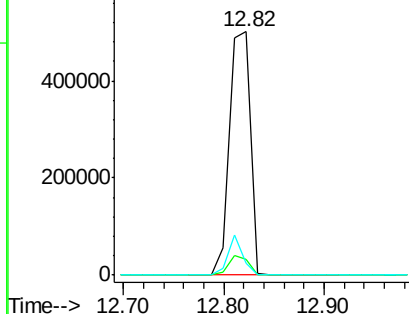
122 5.1 11.2 16.8#

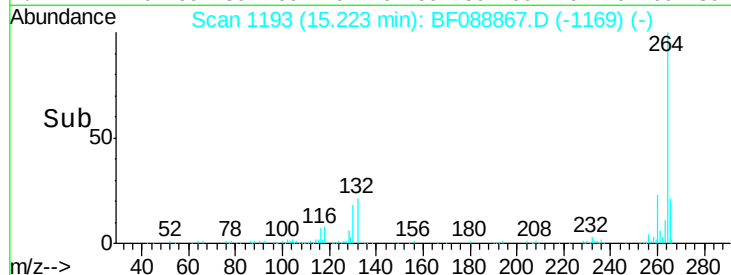
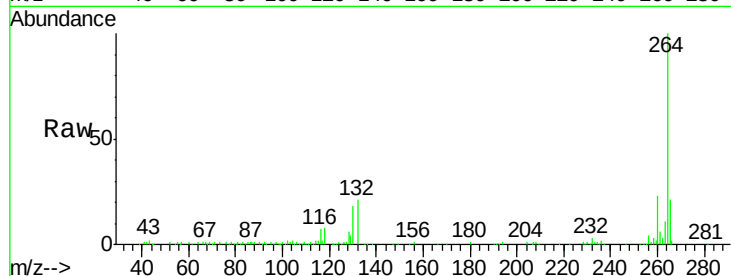
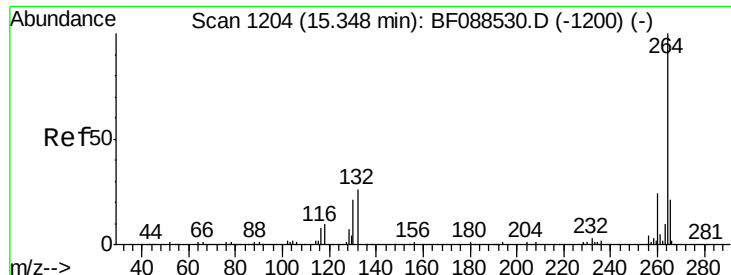


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.22 min Scan# 1193
 Delta R.T. -0.02 min
 Lab File: BF088867.D
 Acq: 9 Jul 2016 13:15

Instrument :
 BNA_F
 ClientSampleId :
 P001-WW002-01

Tot Ion:	264	Resp:	171460
Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.3	16.9	25.3

