

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061616\
 Data File : BF088087.D
 Acq On : 16 Jun 2016 20:47
 Operator : UM/SJ
 Sample : H3571-16
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-30-COMP

Quant Time: Jun 17 04:33:31 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 16 14:54:54 2016
 Response via : Initial Calibration

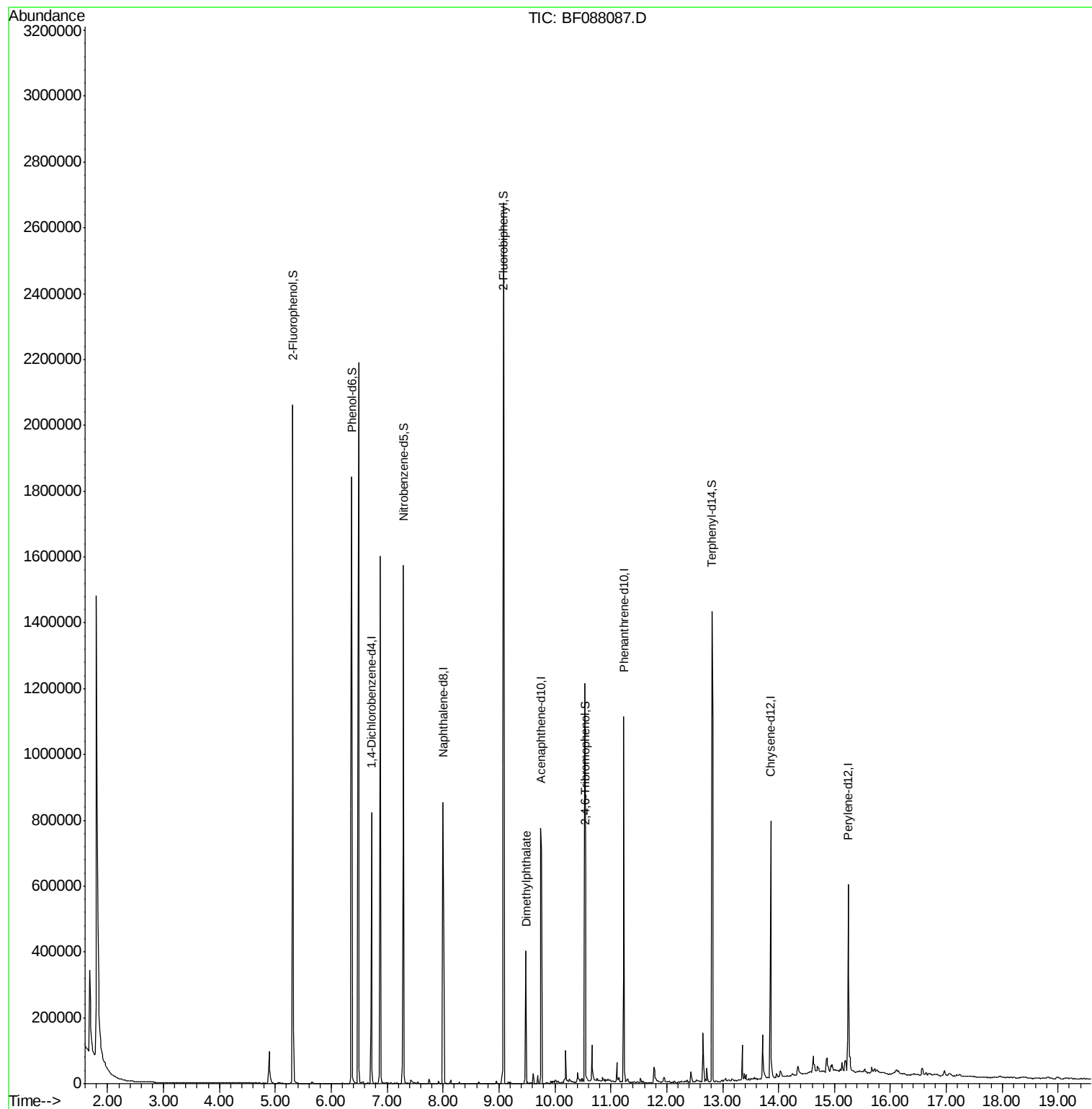
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	128970	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	488008	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	220391	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	406210	20.00	ng	0.00
75) Chrysene-d12	13.86	240	263643	20.00	ng	0.00
86) Perylene-d12	15.25	264	244999	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	669341	88.72	ng	0.01
7) Phenol-d6	6.36	99	790750	86.49	ng	0.00
23) Nitrobenzene-d5	7.29	82	586597	70.19	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	193668	83.22	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	860431	59.68	ng	0.00
78) Terphenyl-d14	12.81	244	617529	53.30	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.48	163	257597	16.14	ng	98

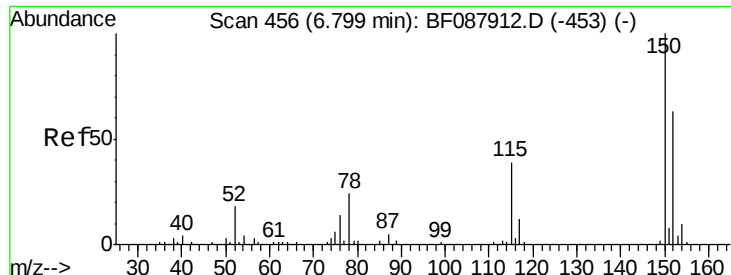
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.72 min Scan# 449

Delta R.T. 0.00 min

Lab File: BF088087.D

Acq: 16 Jun 2016 20:47

Instrument :

BNA_F

ClientSampleId :

SB-30-COMP

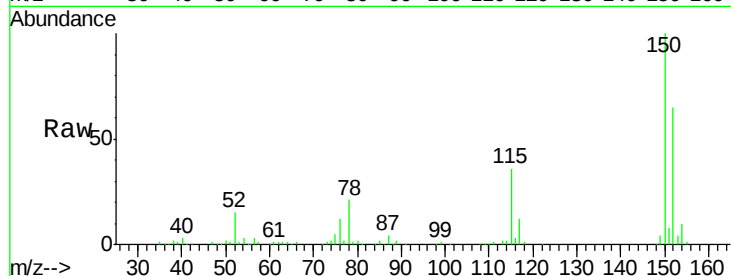
Tot Ion:152 Resp: 128970

Ion Ratio Lower Upper

152 100

150 153.9 123.8 185.6

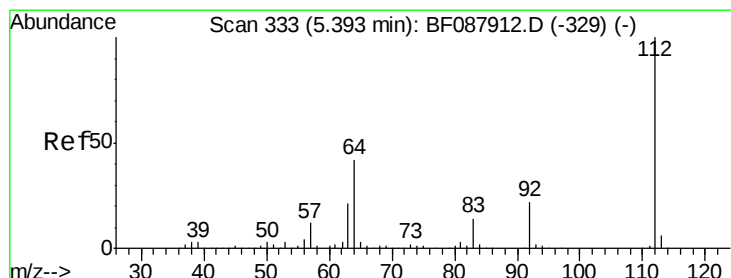
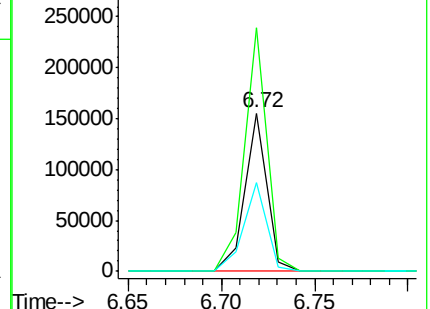
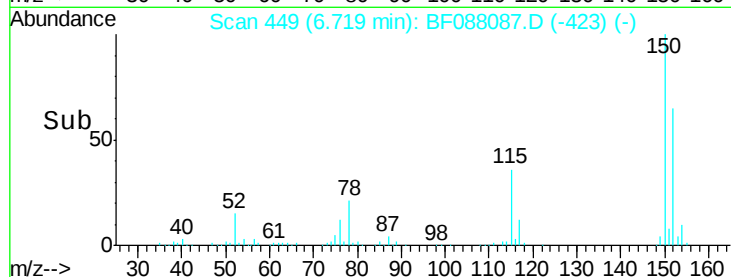
115 55.8 39.6 59.4



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: 88.72 ng

RT: 5.31 min Scan# 326

Delta R.T. 0.01 min

Lab File: BF088087.D

Acq: 16 Jun 2016 20:47

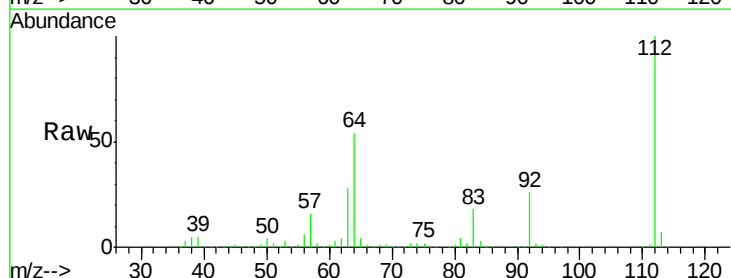
Tgt Ion:112 Resp: 669341

Ion Ratio Lower Upper

112 100

64 54.3 42.2 63.2

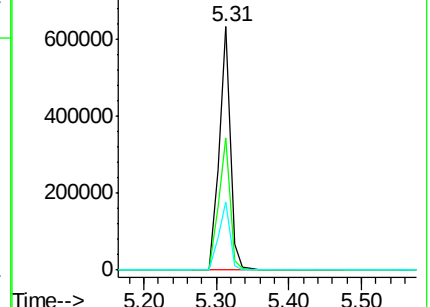
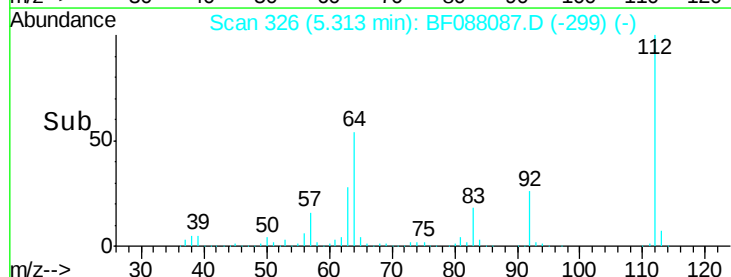
63 27.8 21.8 32.8

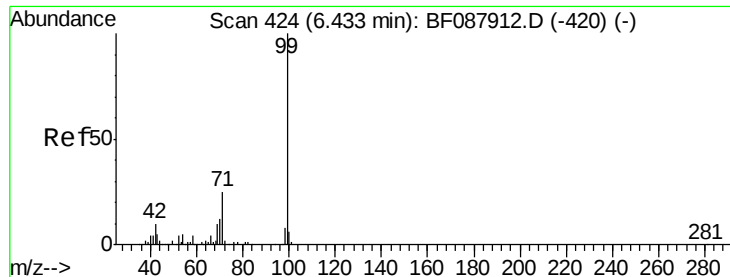


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 86.49 ng

RT: 6.36 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF088087.D

Acq: 16 Jun 2016 20:47

Instrument :

BNA_F

ClientSampleId :

SB-30-COMP

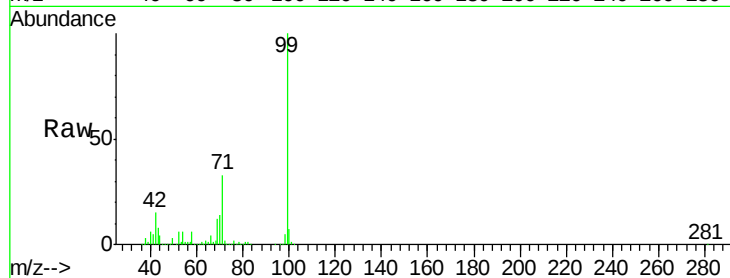
Tot Ion: 99 Resp: 790750

Ion Ratio Lower Upper

99 100

42 15.4 12.2 18.2

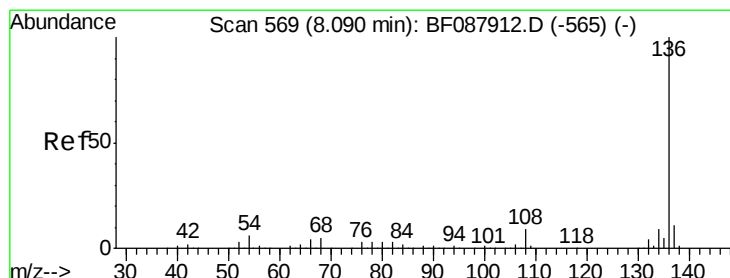
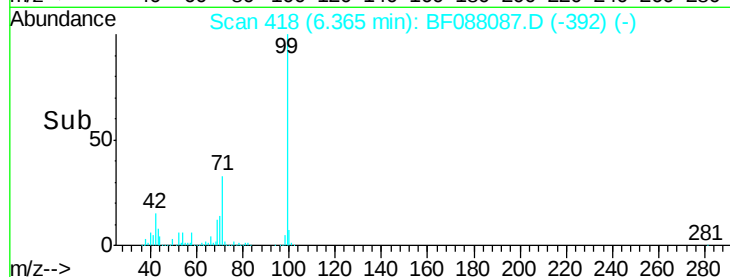
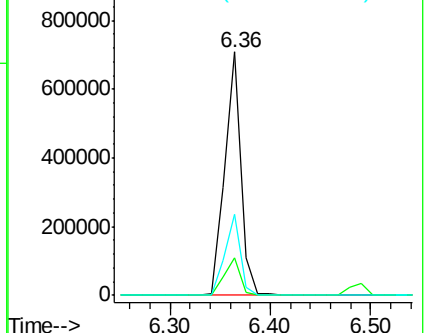
71 33.1 23.4 35.0



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: 8.00 min Scan# 561

Delta R.T. -0.01 min

Lab File: BF088087.D

Acq: 16 Jun 2016 20:47

Tgt Ion: 136 Resp: 488008

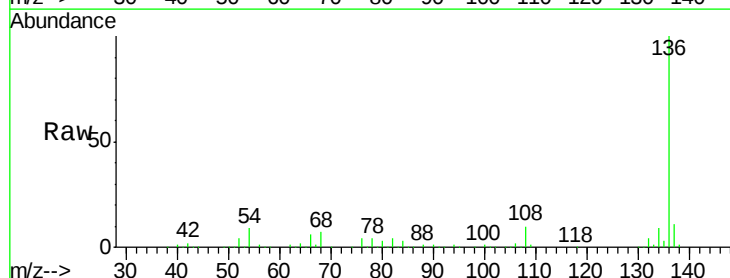
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 8.8 6.6 10.0

68 7.2 5.1 7.7

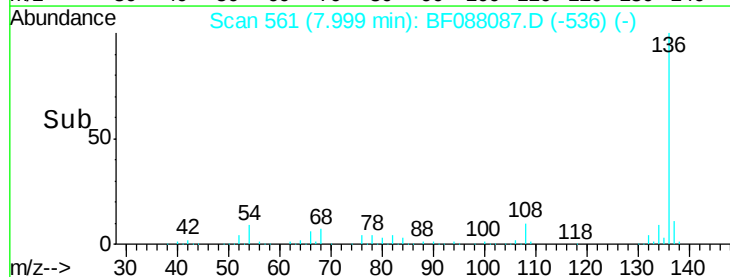
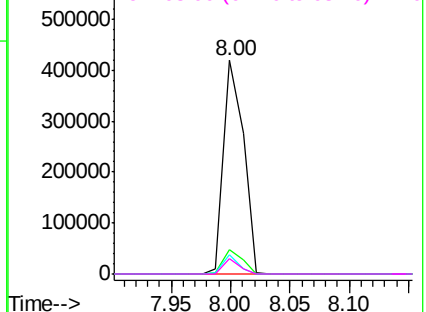


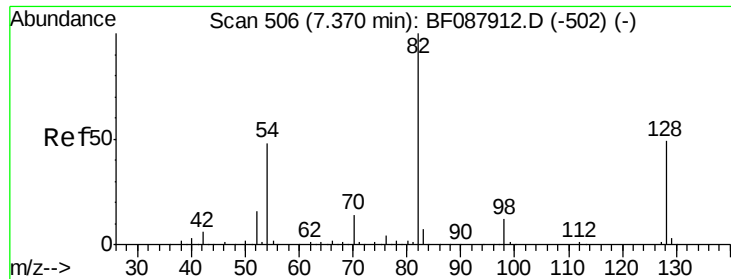
Abundance Ion 136.00 (135.70 to 136.70): E

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

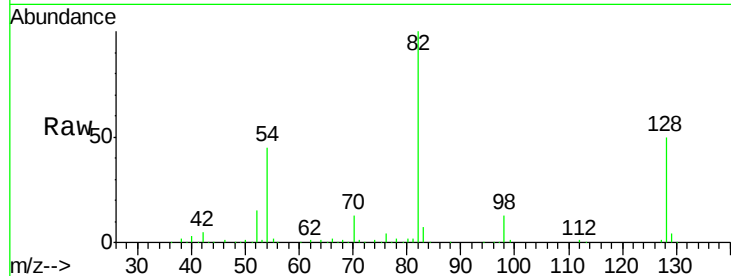




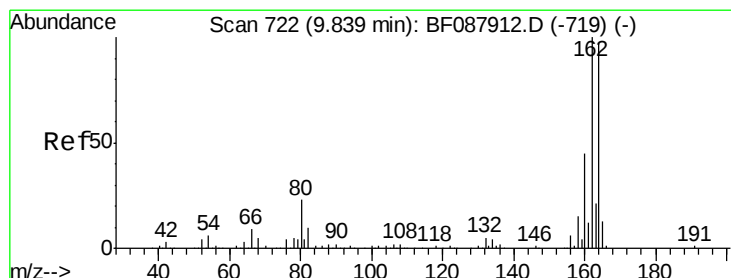
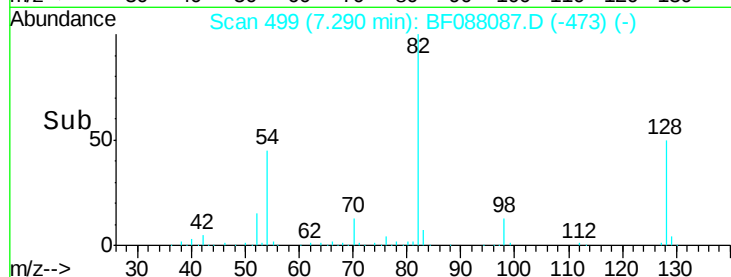
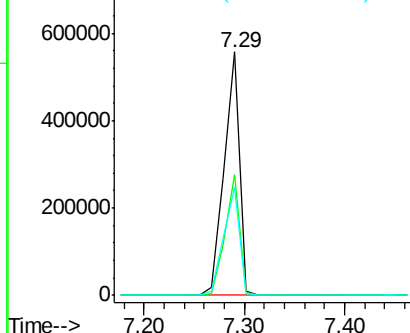
#23
Nitrobenzene-d5
Concen: 70.19 ng
RT: 7.29 min Scan# 499
Delta R.T. 0.00 min
Lab File: BF088087.D
Acq: 16 Jun 2016 20:47

Instrument :
BNA_F
ClientSampleId :
SB-30-COMP

Tot Ion	82	Resp	586597
Ion Ratio	100	Lower	Upper
128	49.6	35.9	53.9
54	44.5	40.9	61.3

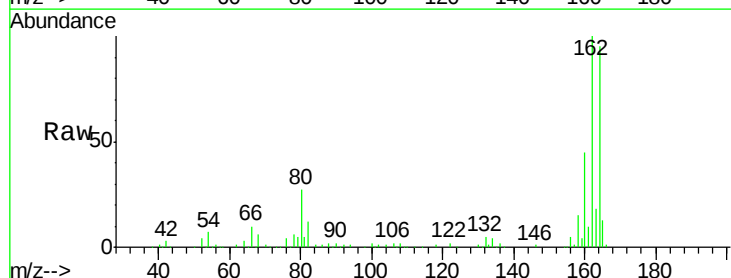


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

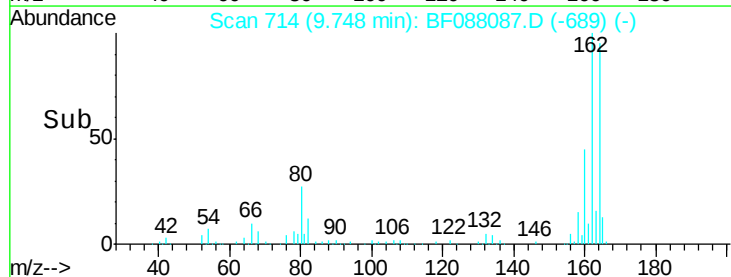
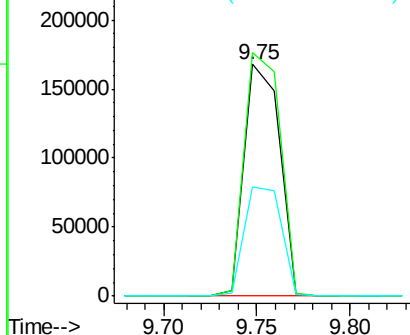


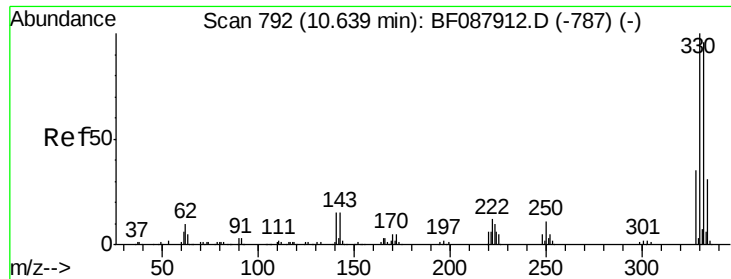
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.75 min Scan# 714
Delta R.T. -0.01 min
Lab File: BF088087.D
Acq: 16 Jun 2016 20:47

Tgt Ion	164	Resp	220391
Ion Ratio	100	Lower	Upper
162	105.1	85.4	128.2
160	47.1	39.5	59.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

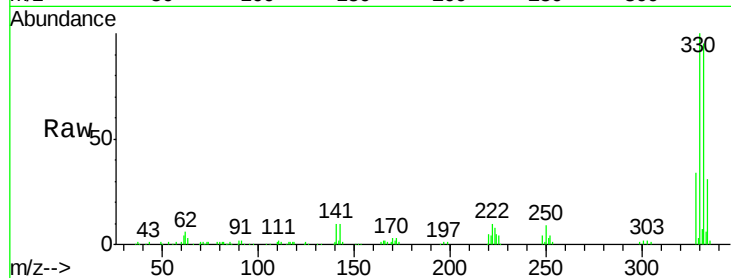




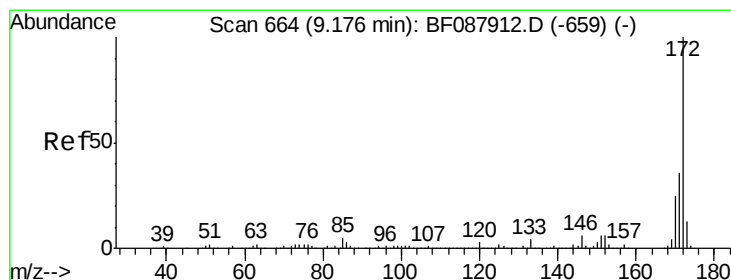
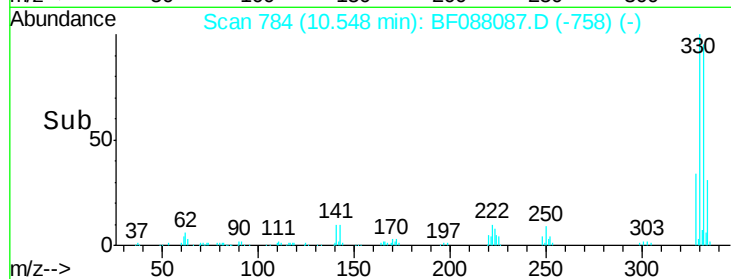
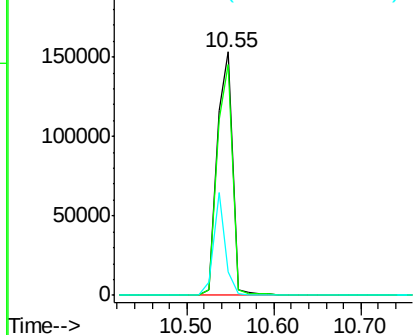
#41
 2,4,6-Tribromophenol
 Concen: 83.22 ng
 RT: 10.55 min Scan# 784
 Delta R.T. 0.00 min
 Lab File: BF088087.D
 Acq: 16 Jun 2016 20:47

Instrument :
 BNA_F
 ClientSampleId :
 SB-30-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	0.0	0.0#
141	32.0	0.0	0.0#

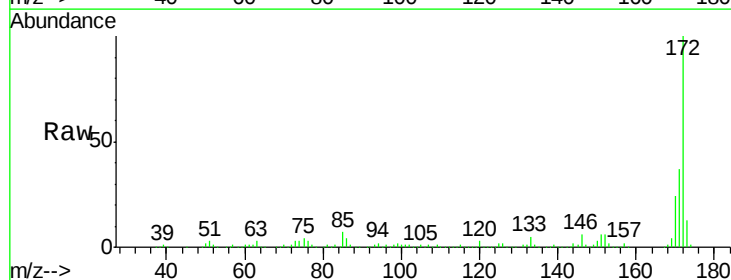


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

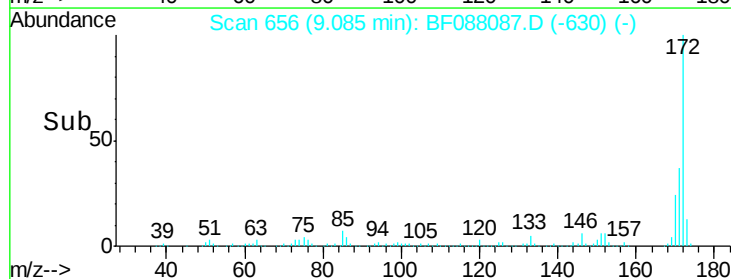
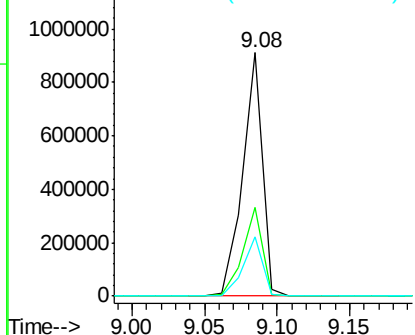


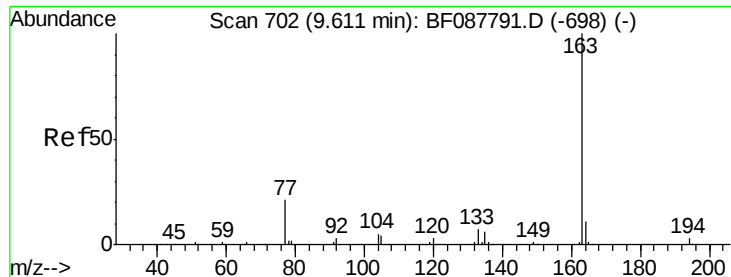
#44
 2-Fluorobiphenyl
 Concen: 59.68 ng
 RT: 9.08 min Scan# 656
 Delta R.T. 0.00 min
 Lab File: BF088087.D
 Acq: 16 Jun 2016 20:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.6	43.0
170	24.5	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: 16.14 ng

RT: 9.48 min Scan# 691

Delta R.T. -0.01 min

Lab File: BF088087.D

Acq: 16 Jun 2016 20:47

Instrument :

BNA_F

ClientSampleID :

SB-30-COMP

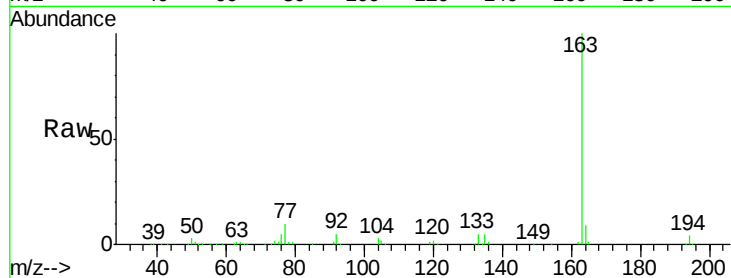
Tot Ion:163 Resp: 257597

Ion Ratio Lower Upper

163 100

194 3.8 2.8 4.2

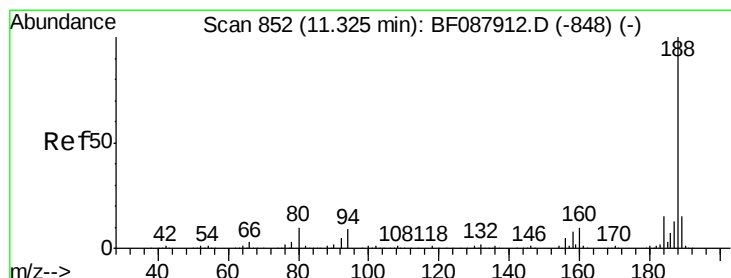
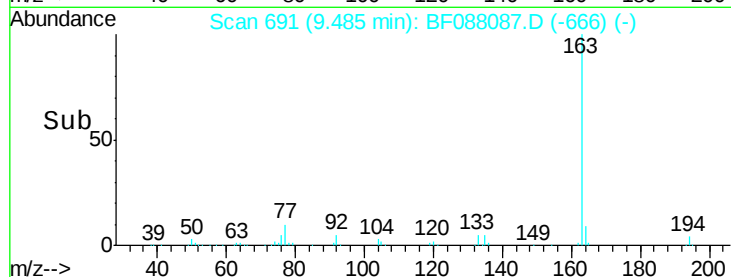
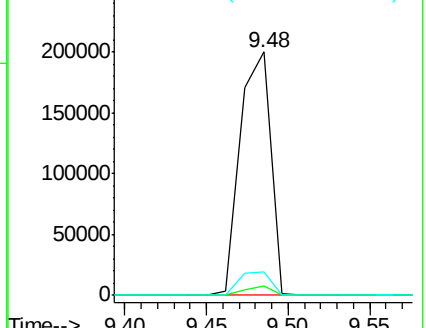
164 9.5 8.3 12.5



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: 11.23 min Scan# 844

Delta R.T. 0.00 min

Lab File: BF088087.D

Acq: 16 Jun 2016 20:47

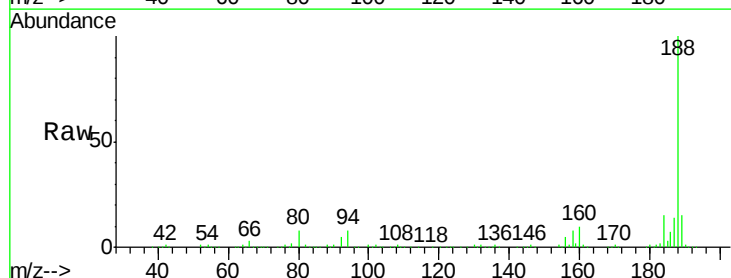
Tgt Ion:188 Resp: 406210

Ion Ratio Lower Upper

188 100

94 8.3 9.0 13.6#

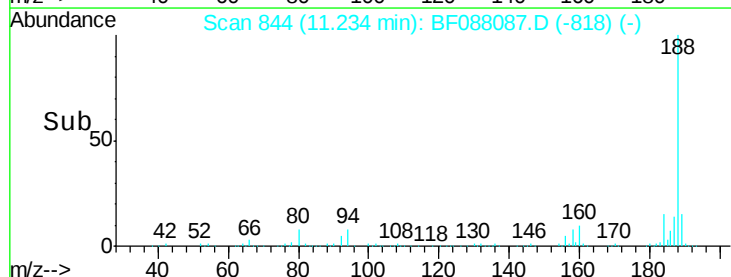
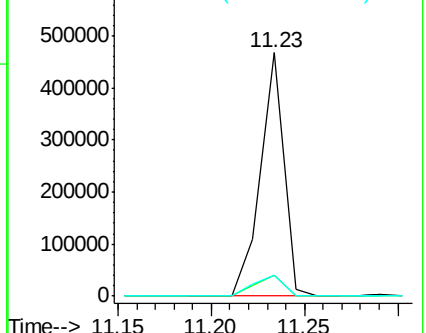
80 8.5 10.0 15.0#

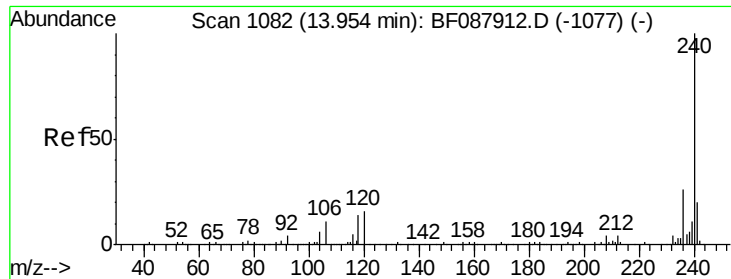


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.86 min Scan# 1074

Delta R.T. 0.00 min

Lab File: BF088087.D

Acq: 16 Jun 2016 20:47

Instrument :

BNA_F

ClientSampleId :

SB-30-COMP

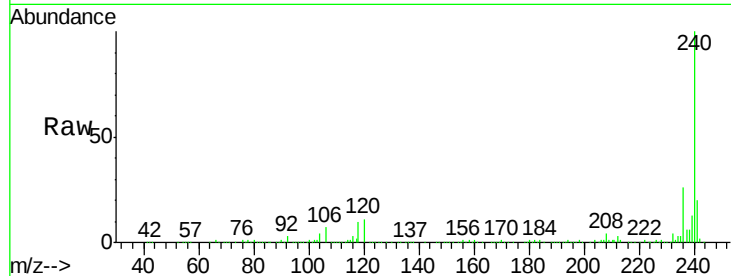
Tot Ion:240 Resp: 263643

Ion Ratio Lower Upper

240 100

120 11.3 6.8 10.2#

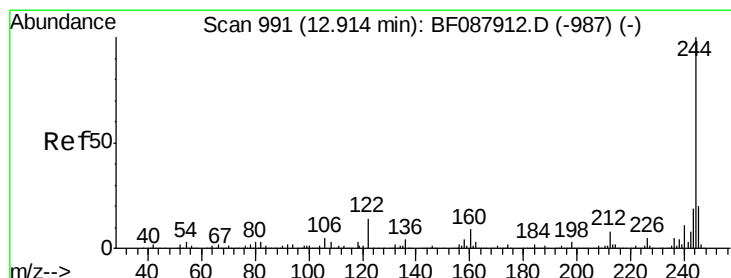
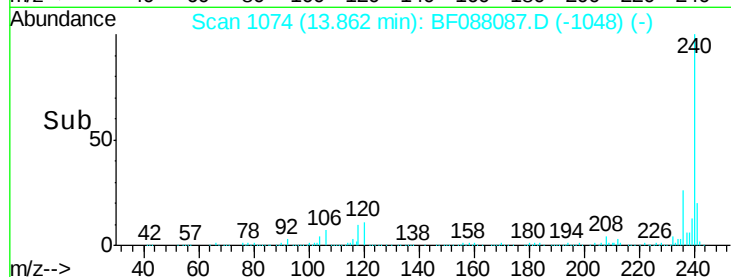
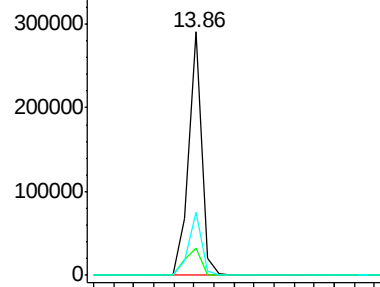
236 26.0 20.2 30.2



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: 53.30 ng

RT: 12.81 min Scan# 982

Delta R.T. -0.01 min

Lab File: BF088087.D

Acq: 16 Jun 2016 20:47

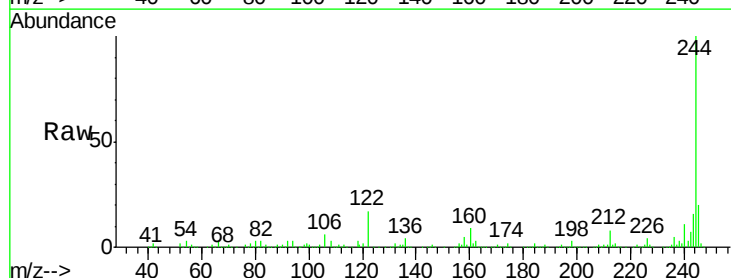
Tgt Ion:244 Resp: 617529

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

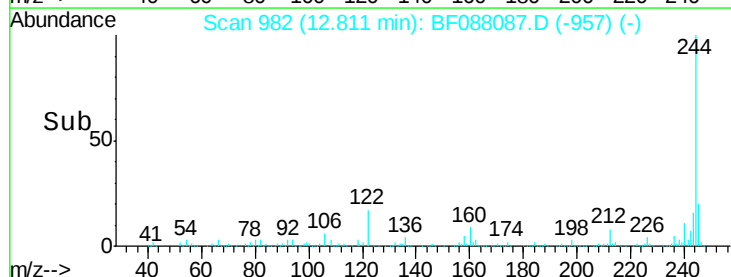
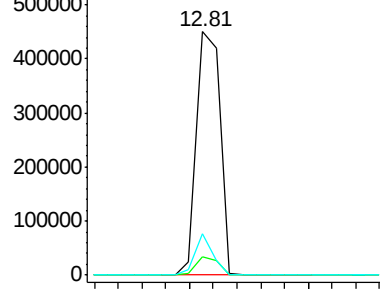
122 16.8 11.2 16.8#

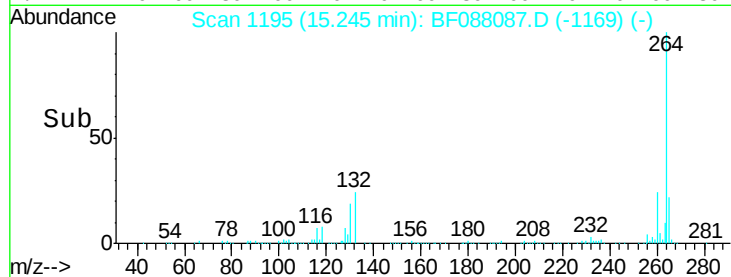
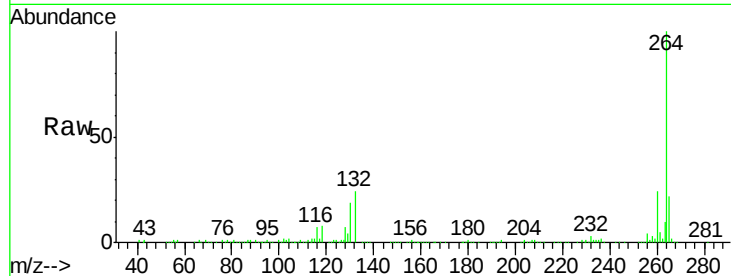
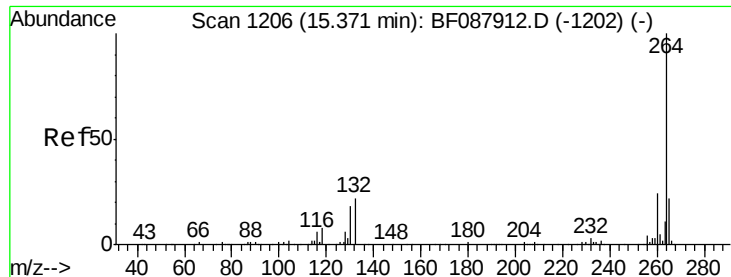


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.25 min Scan# 1195

Delta R.T. 0.00 min

Lab File: BF088087.D

Acq: 16 Jun 2016 20:47

Instrument :

BNA_F

ClientSampleId :

SB-30-COMP

Tot Ion:264 Resp: 244999

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.6 16.9 25.3

