

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061516\
 Data File : BF088066.D
 Acq On : 16 Jun 2016 6:53
 Operator : UM/SJ
 Sample : H3570-16
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-18-COMP

Quant Time: Jun 16 07:41:57 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 03:20:46 2016
 Response via : Initial Calibration

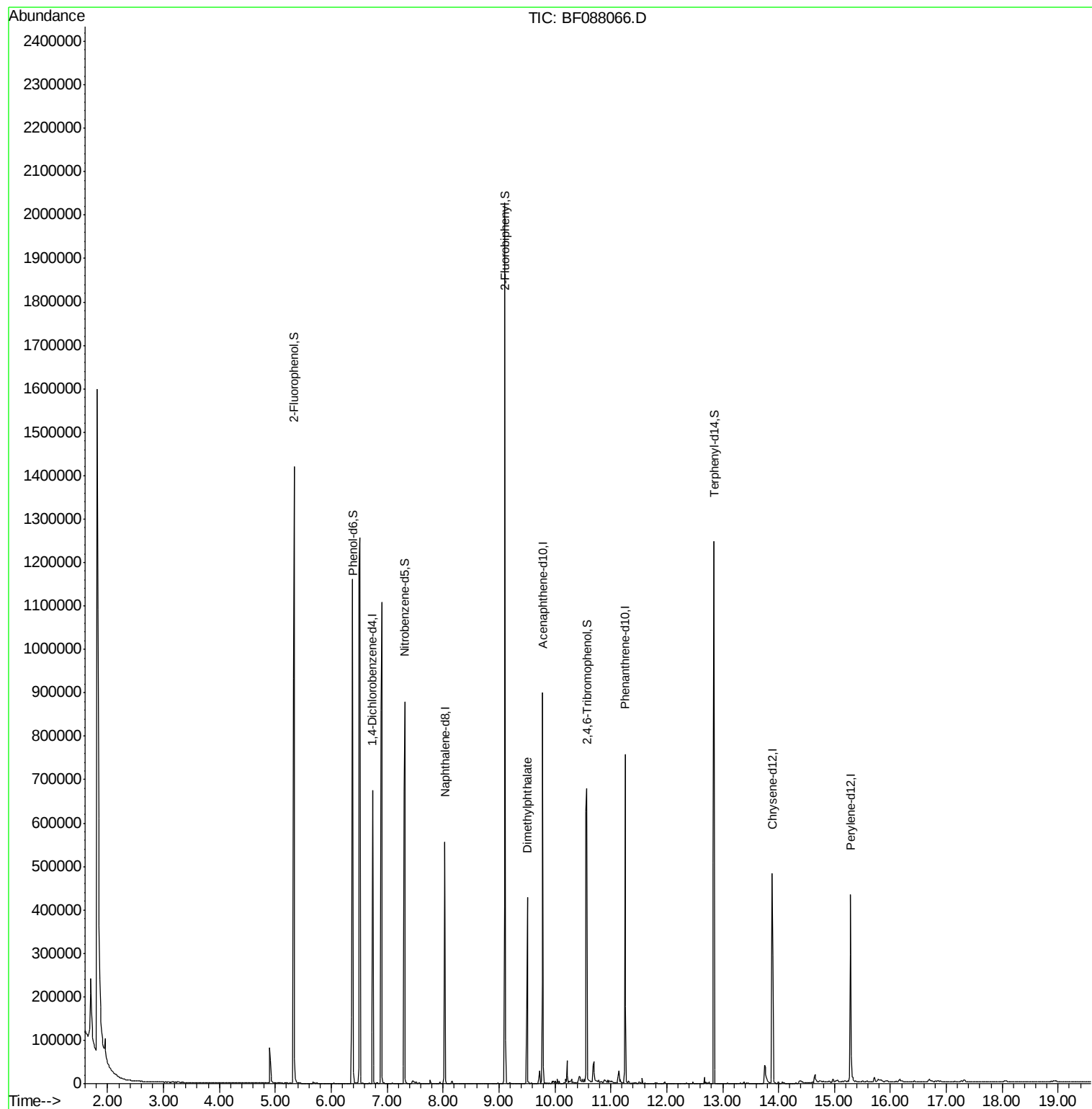
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	103424	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	385763	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	177454	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	267895	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	199170	20.00	ng	-0.01
86) Perylene-d12	15.29	264	206306	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	531020	87.77	ng	0.01
7) Phenol-d6	6.39	99	670592	91.46	ng	0.00
23) Nitrobenzene-d5	7.31	82	392784	59.46	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	125861	67.17	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	602638	51.14	ng	-0.01
78) Terphenyl-d14	12.85	244	417117	47.66	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.51	163	208233	16.20	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: 6.74 min Scan# 451

Delta R.T. 0.00 min

Lab File: BF088066.D

Acq: 16 Jun 2016 6:53

Instrument :

BNA_F

ClientSampleId :

SB-18-COMP

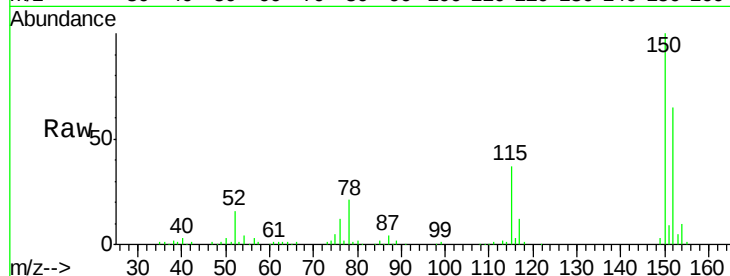
Tot Ion:152 Resp: 103424

Ion Ratio Lower Upper

152 100

150 154.7 123.8 185.6

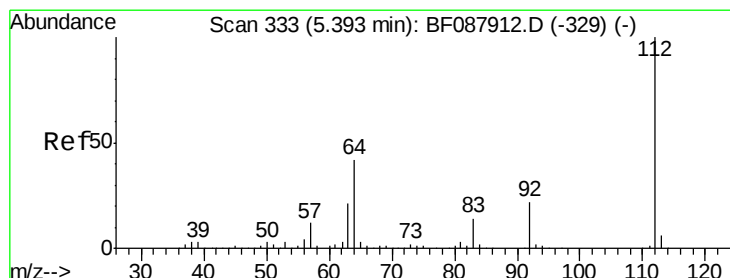
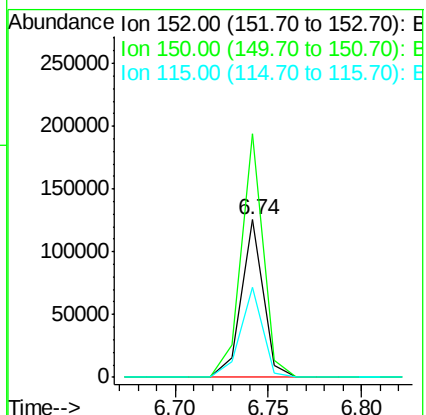
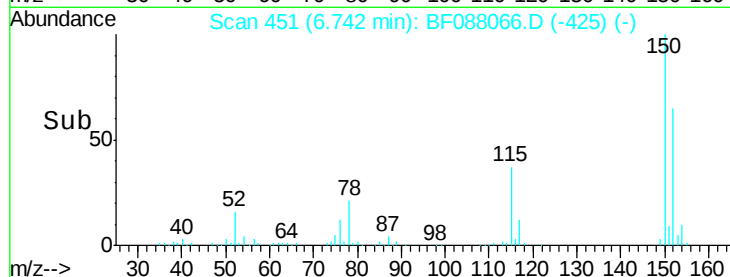
115 57.3 39.6 59.4



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: 87.77 ng

RT: 5.34 min Scan# 328

Delta R.T. 0.01 min

Lab File: BF088066.D

Acq: 16 Jun 2016 6:53

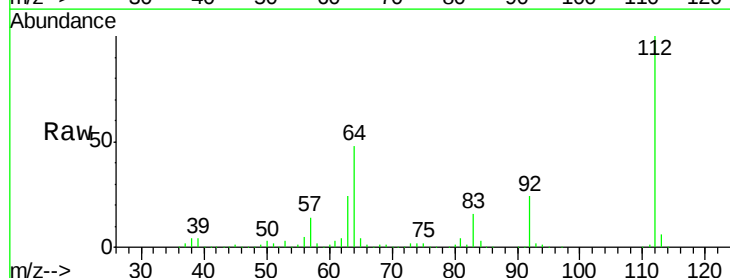
Tgt Ion:112 Resp: 531020

Ion Ratio Lower Upper

112 100

64 48.3 42.2 63.2

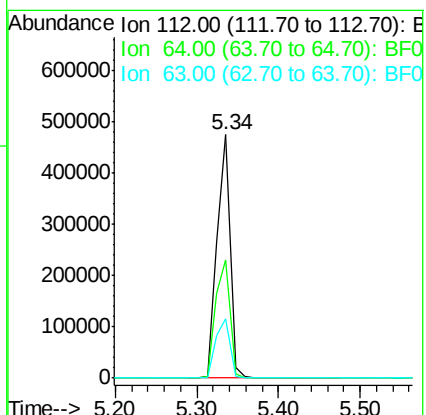
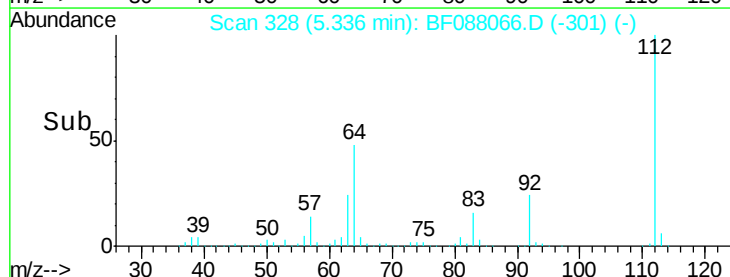
63 24.2 21.8 32.8

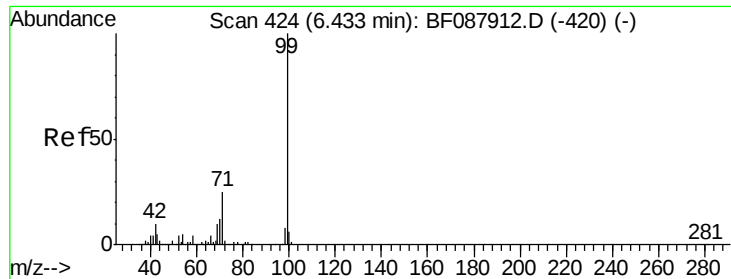


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 91.46 ng

RT: 6.39 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF088066.D

Acq: 16 Jun 2016 6:53

Instrument :

BNA_F

ClientSampleId :

SB-18-COMP

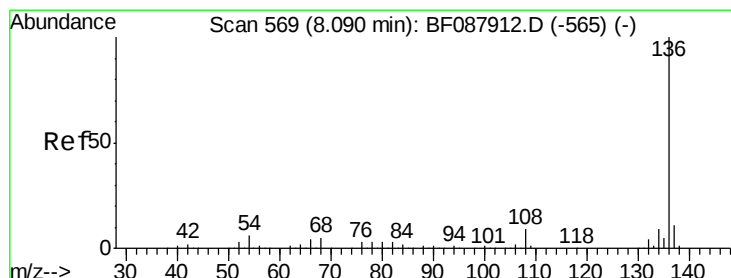
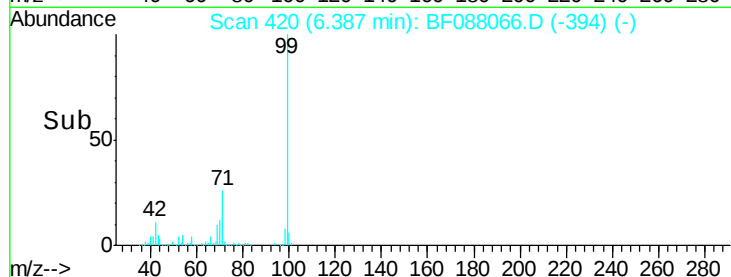
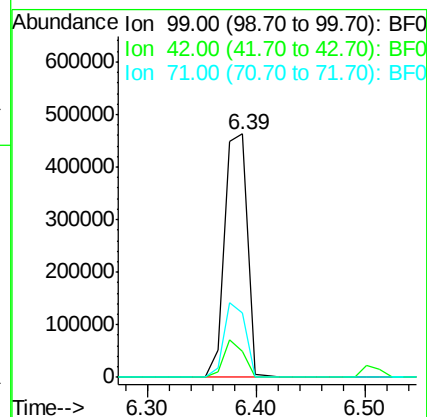
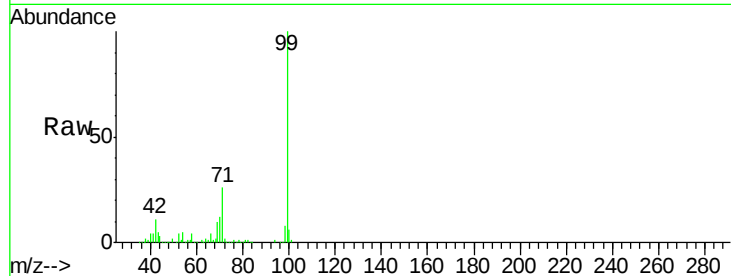
Tot Ion: 99 Resp: 670592

Ion Ratio Lower Upper

99 100

42 10.6 12.2 18.2#

71 26.3 23.4 35.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 564

Delta R.T. 0.00 min

Lab File: BF088066.D

Acq: 16 Jun 2016 6:53

Tgt Ion: 136 Resp: 385763

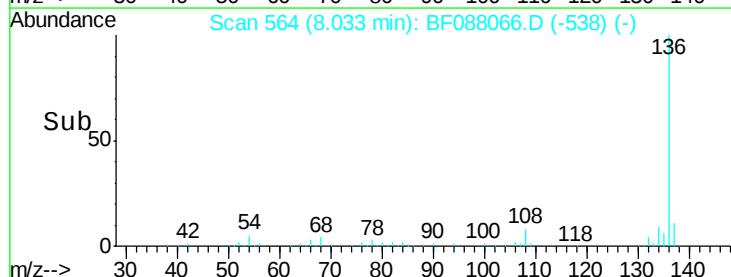
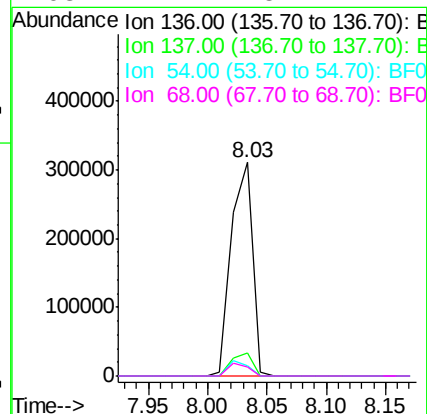
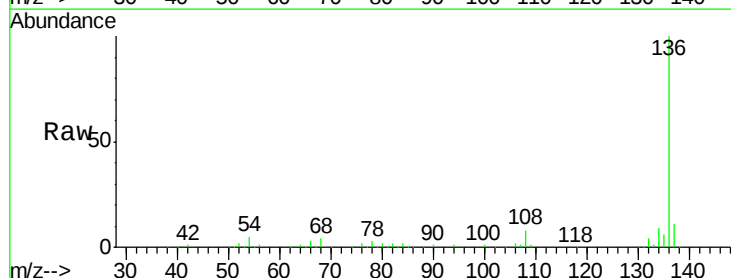
Ion Ratio Lower Upper

136 100

137 10.6 9.1 13.7

54 4.7 6.6 10.0#

68 4.2 5.1 7.7#

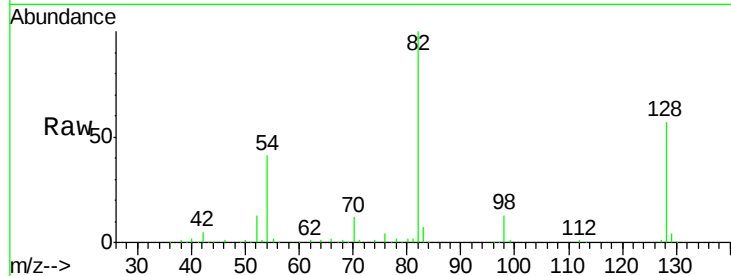




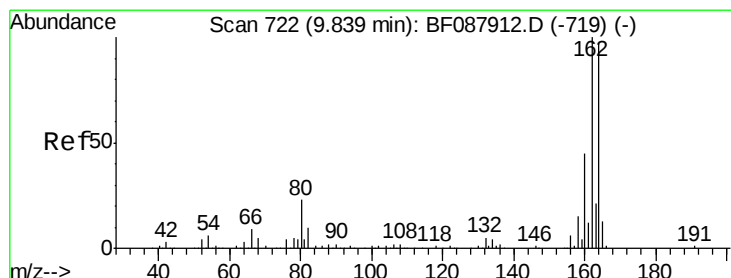
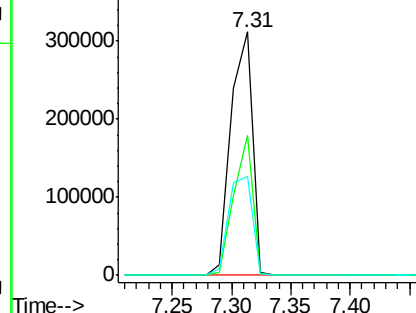
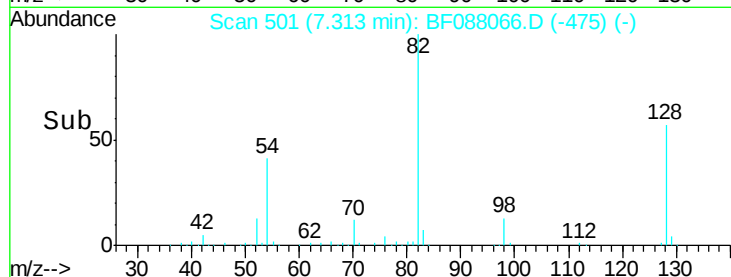
#23
 Nitrobenzene-d5
 Concen: 59.46 ng
 RT: 7.31 min Scan# 501
 Delta R.T. 0.00 min
 Lab File: BF088066.D
 Acq: 16 Jun 2016 6:53

Instrument :
 BNA_F
 ClientSampleId :
 SB-18-COMP

Tot Ion: 82 Resp: 392784
 Ion Ratio Lower Upper
 82 100
 128 57.4 35.9 53.9#
 54 40.5 40.9 61.3#

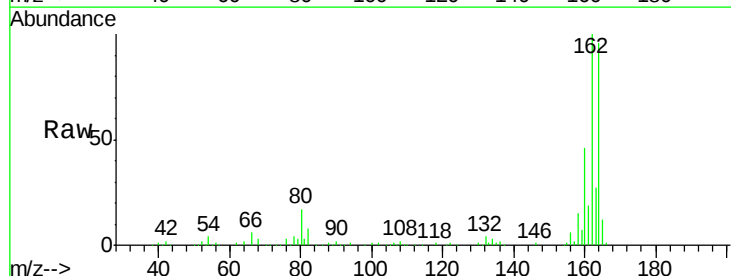


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

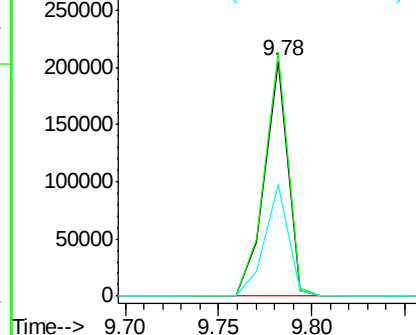
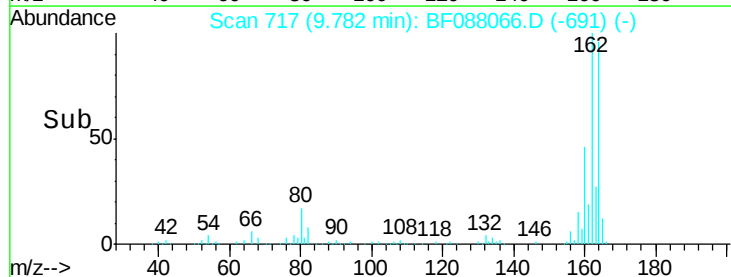


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 717
 Delta R.T. 0.00 min
 Lab File: BF088066.D
 Acq: 16 Jun 2016 6:53

Tgt Ion:164 Resp: 177454
 Ion Ratio Lower Upper
 164 100
 162 103.7 85.4 128.2
 160 47.3 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

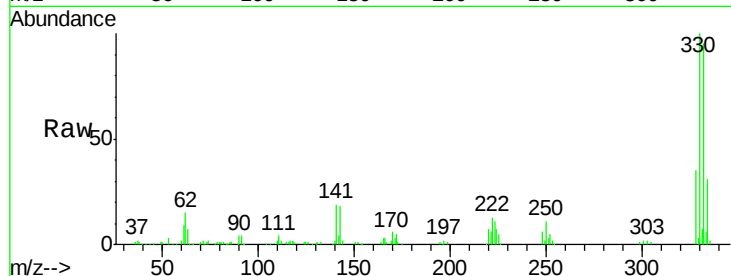




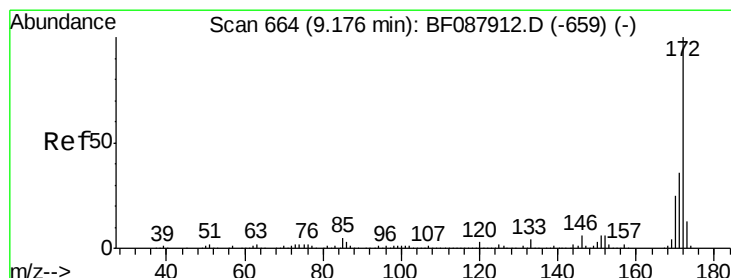
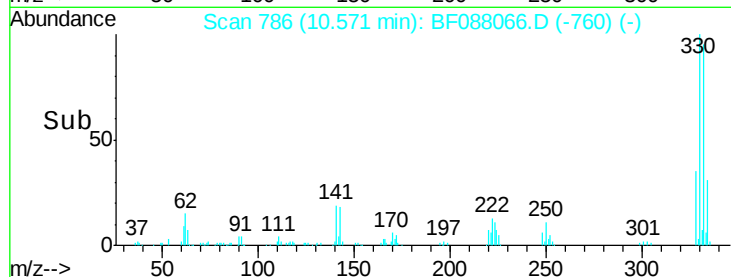
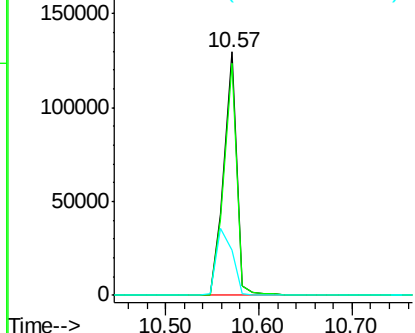
#41
 2,4,6-Tribromophenol
 Concen: 67.17 ng
 RT: 10.57 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF088066.D
 Acq: 16 Jun 2016 6:53

Instrument :
 BNA_F
 ClientSampleId :
 SB-18-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	0.0	0.0#
141	34.5	0.0	0.0#

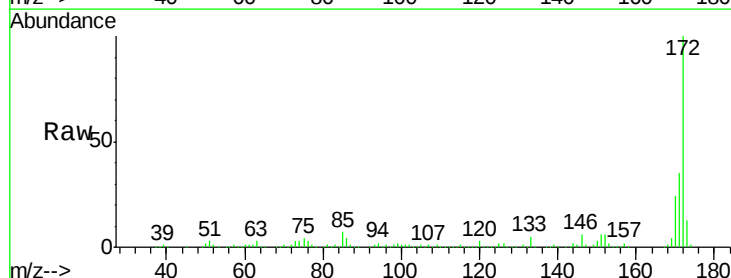


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

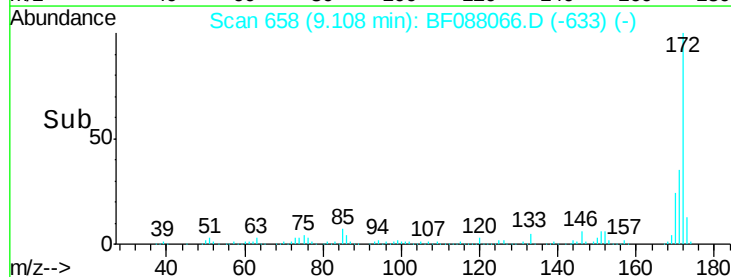
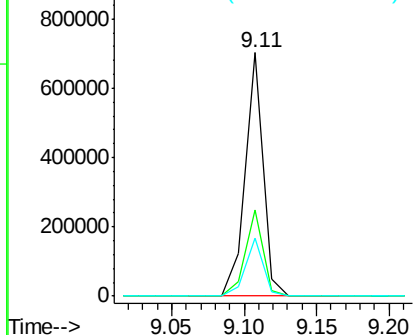


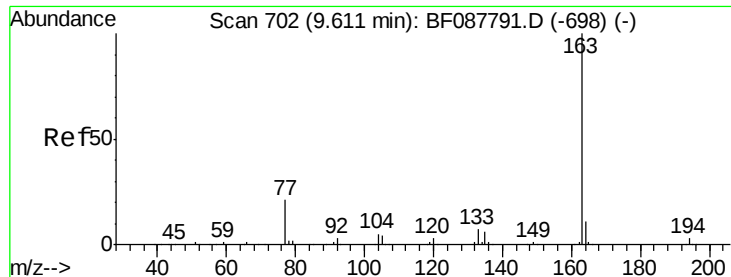
#44
 2-Fluorobiphenyl
 Concen: 51.14 ng
 RT: 9.11 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BF088066.D
 Acq: 16 Jun 2016 6:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	43.0
170	23.6	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: 16.20 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.01 min

Lab File: BF088066.D

Acq: 16 Jun 2016 6:53

Instrument :

BNA_F

ClientSampleId :

SB-18-COMP

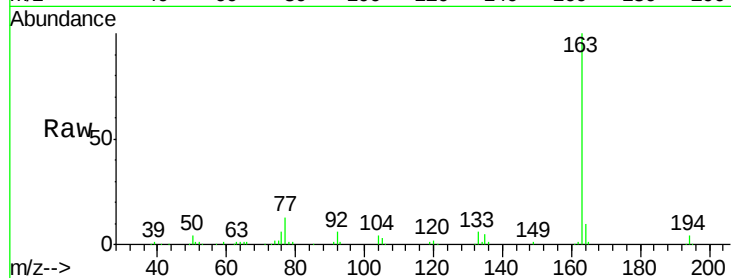
Tot Ion:163 Resp: 208233

Ion Ratio Lower Upper

163 100

194 3.7 2.8 4.2

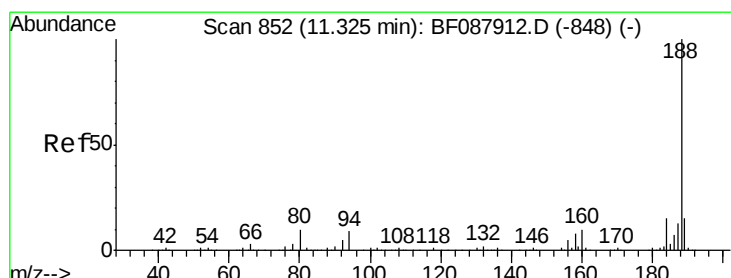
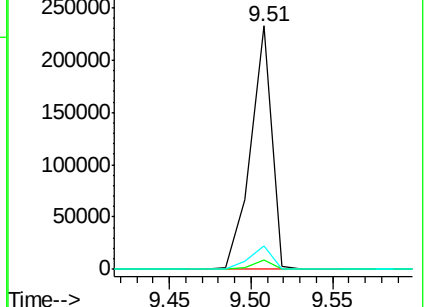
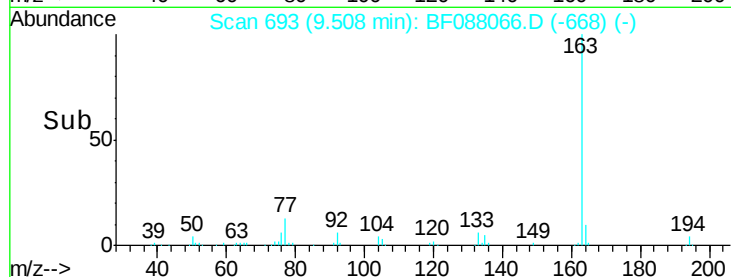
164 9.7 8.3 12.5



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: 11.26 min Scan# 846

Delta R.T. -0.01 min

Lab File: BF088066.D

Acq: 16 Jun 2016 6:53

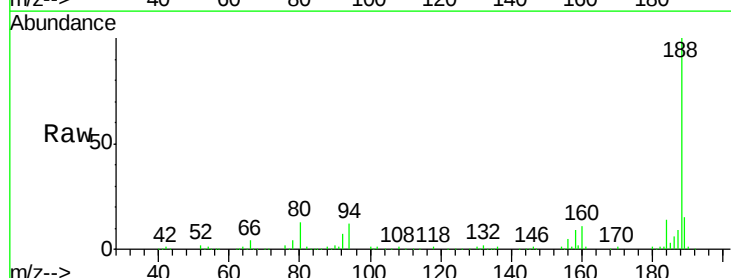
Tgt Ion:188 Resp: 267895

Ion Ratio Lower Upper

188 100

94 11.9 9.0 13.6

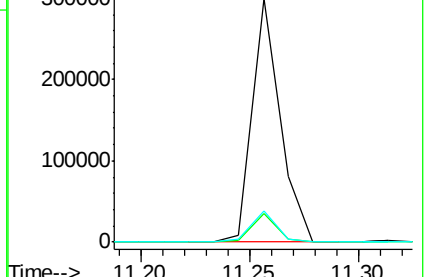
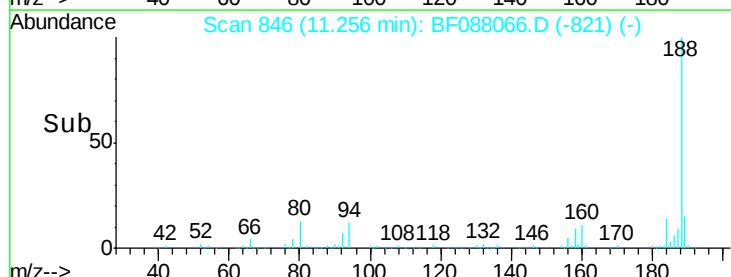
80 12.7 10.0 15.0

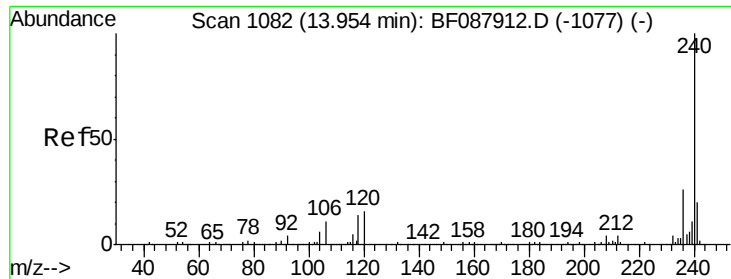


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

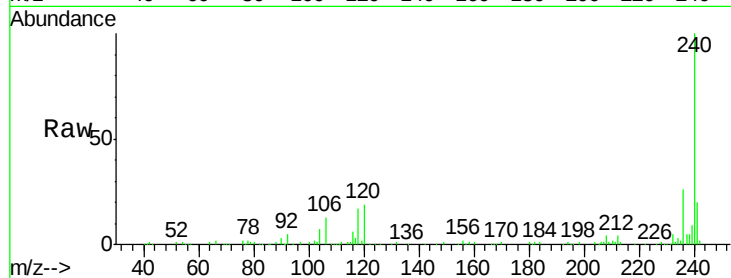




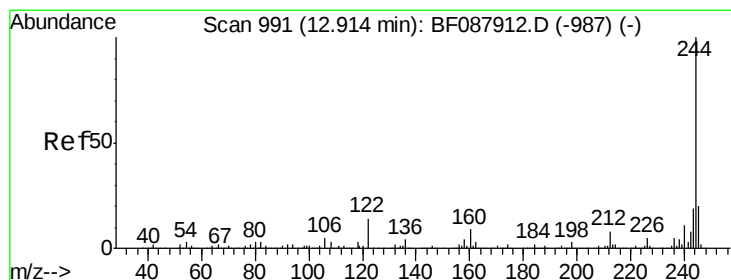
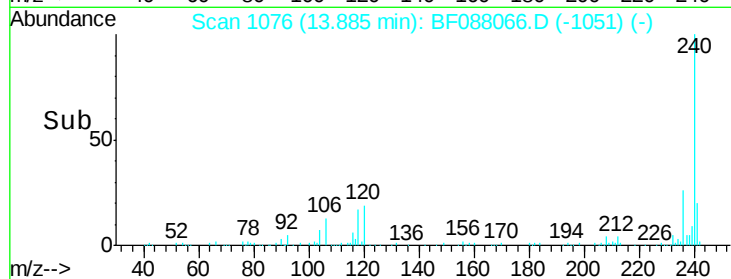
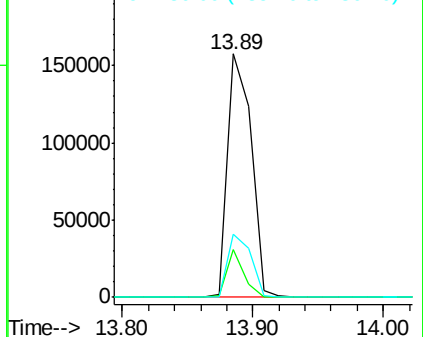
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.89 min Scan# 1076
 Delta R.T. -0.01 min
 Lab File: BF088066.D
 Acq: 16 Jun 2016 6:53

Instrument :
 BNA_F
 ClientSampleId :
 SB-18-COMP

Tot Ion:240 Resp: 199170
 Ion Ratio Lower Upper
 240 100
 120 19.4 6.8 10.2#
 236 25.9 20.2 30.2

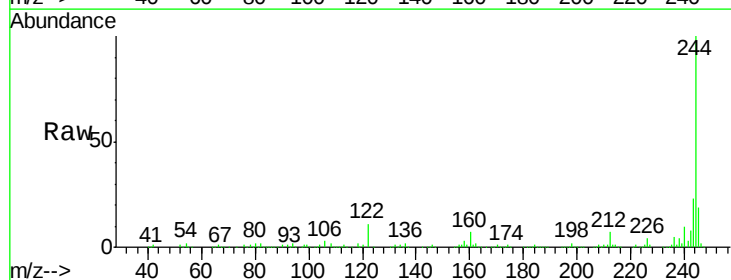


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

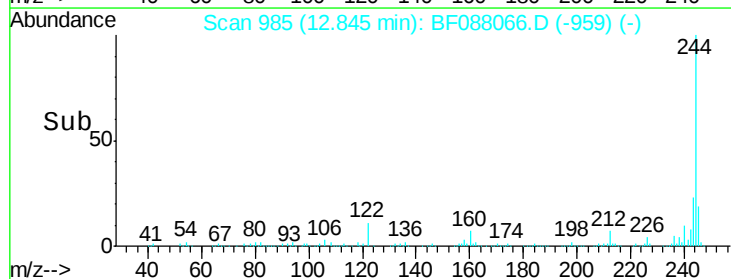
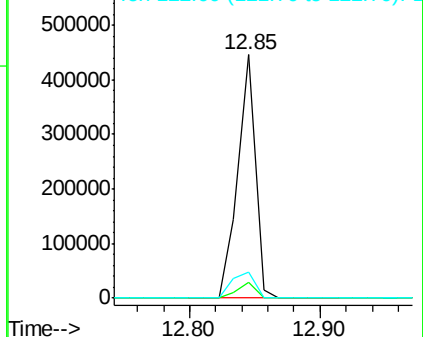


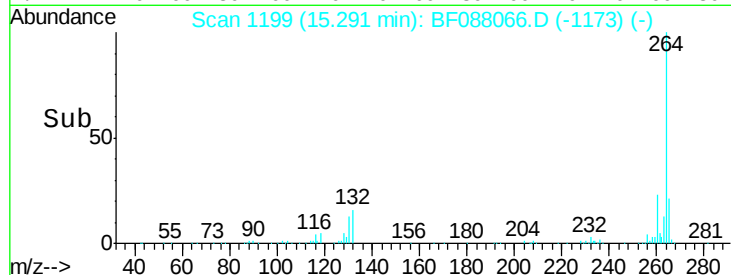
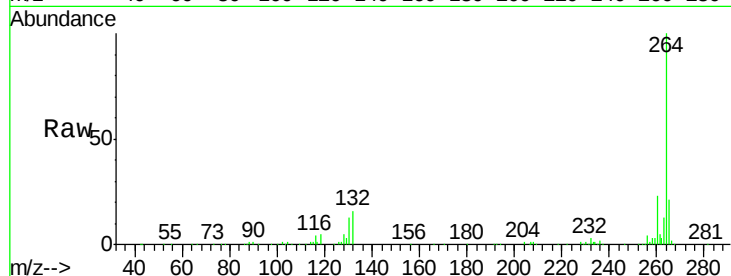
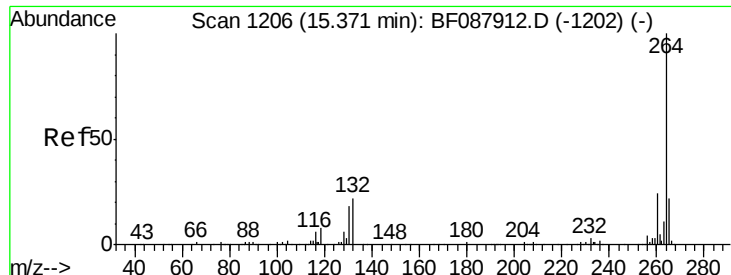
#78
 Terphenyl-d14
 Concen: 47.66 ng
 RT: 12.85 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: BF088066.D
 Acq: 16 Jun 2016 6:53

Tgt Ion:244 Resp: 417117
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 10.7 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: 15.29 min Scan# 1199
Delta R.T. 0.00 min
Lab File: BF088066.D
Acq: 16 Jun 2016 6:53

Instrument :
BNA_F
ClientSampleId :
SB-18-COMP

Tot Ion:	264	Resp:	206306
Ion Ratio	Lower	Upper	
264	100		
260	23.0	19.2	28.8
265	21.3	16.9	25.3

