

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\
 Data File : BF084867.D
 Acq On : 5 Feb 2016 18:43
 Operator : SJ/IZ
 Sample : H1311-16
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B008(45-47)

Quant Time: Feb 05 22:56:06 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

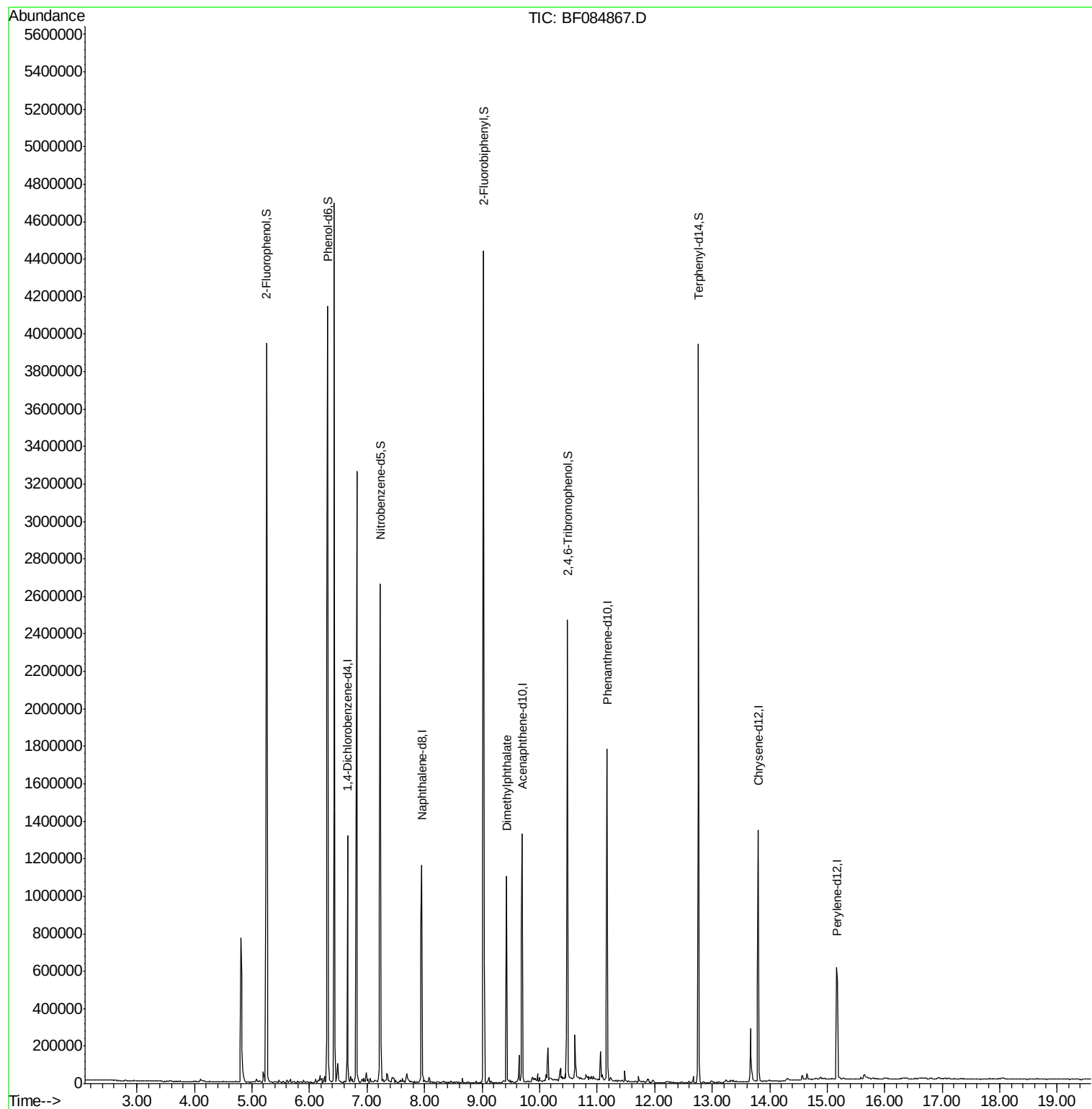
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	171138	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	682344	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	321217	20.00	ng	-0.03
63) Phenanthrene-d10	11.17	188	611163	20.00	ng	-0.03
75) Chrysene-d12	13.80	240	497015	20.00	ng	-0.03
86) Perylene-d12	15.17	264	323121	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1125824	102.47	ng	-0.02
7) Phenol-d6	6.32	99	1606205	117.92	ng	-0.02
23) Nitrobenzene-d5	7.23	82	878609	72.54	ng	-0.03
41) 2,4,6-Tribromophenol	10.49	330	429624	128.22	ng	-0.03
44) 2-Fluorobiphenyl	9.02	172	1391593	68.37	ng	-0.03
78) Terphenyl-d14	12.76	244	1283484	58.52	ng	-0.03
Target Compounds						
49) Dimethylphthalate	9.42	163	393080	16.07	ng	Qvalue # 91

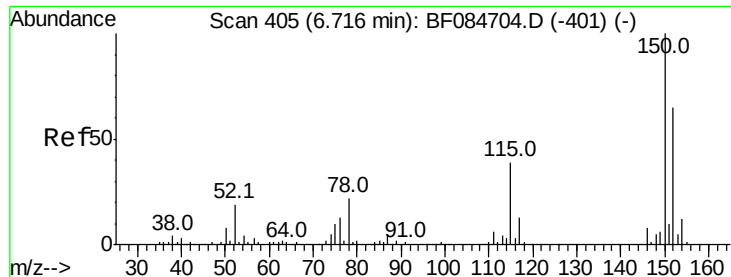
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF084867.D

Acq: 5 Feb 2016 18:43

Instrument :

BNA_F

ClientSampleId :

SUP-B008(45-47)

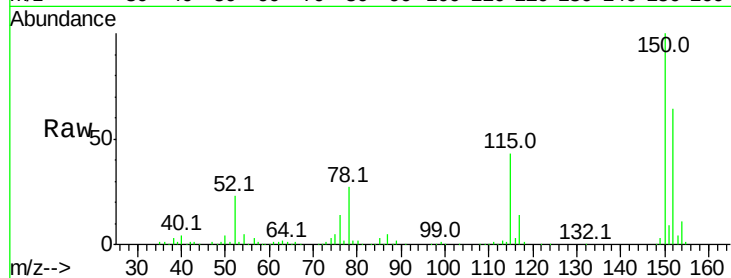
Tot Ion:152 Resp: 171138

Ion Ratio Lower Upper

152 100

150 157.4 123.0 184.4

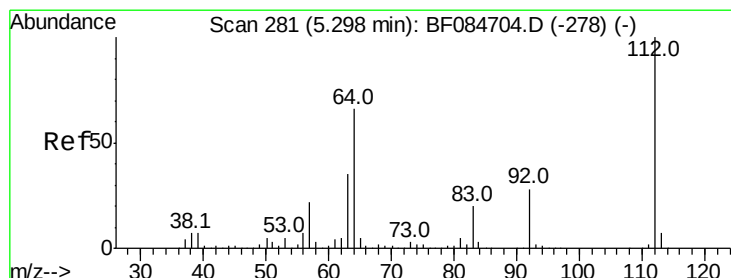
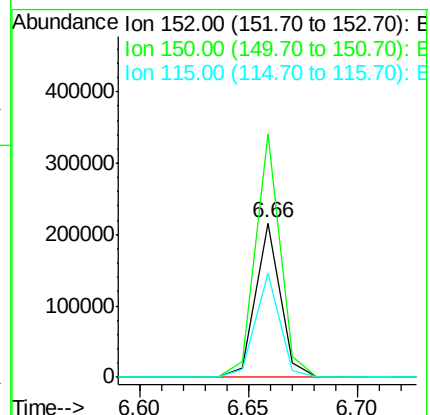
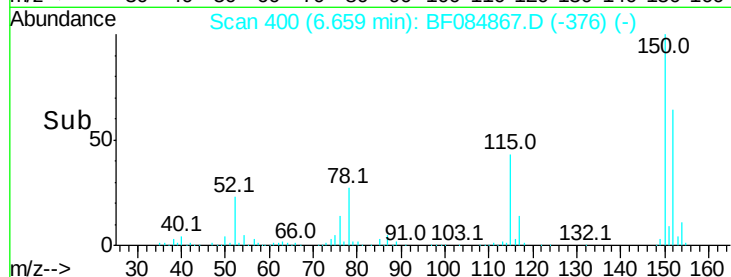
115 67.7 51.4 77.2



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: 102.47 ng

RT: 5.25 min Scan# 277

Delta R.T. -0.02 min

Lab File: BF084867.D

Acq: 5 Feb 2016 18:43

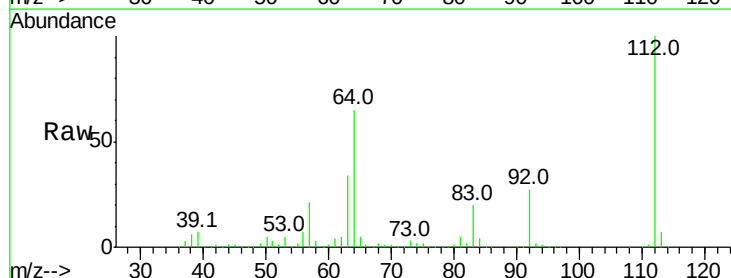
Tgt Ion:112 Resp: 1125824

Ion Ratio Lower Upper

112 100

64 64.7 36.6 55.0#

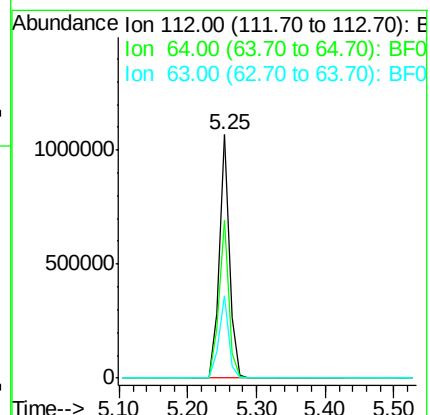
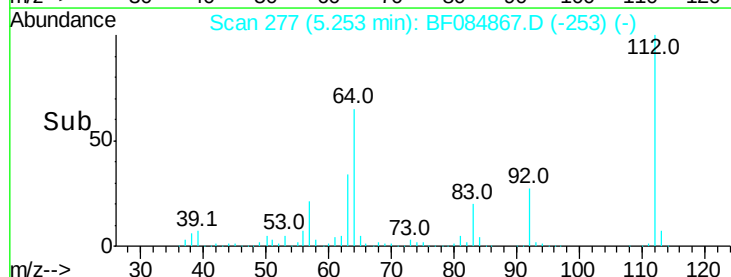
63 34.0 19.4 29.0#

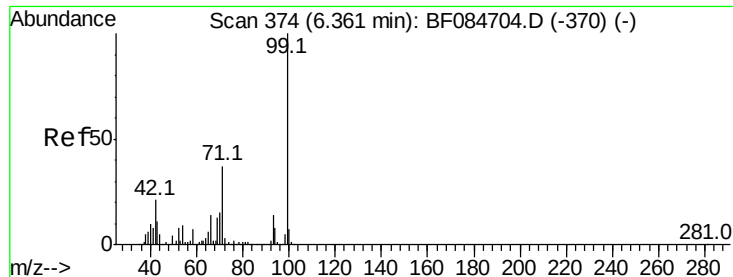


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 117.92 ng

RT: 6.32 min Scan# 370

Delta R.T. -0.02 min

Lab File: BF084867.D

Acq: 5 Feb 2016 18:43

Instrument :

BNA_F

ClientSampleId :

SUP-B008(45-47)

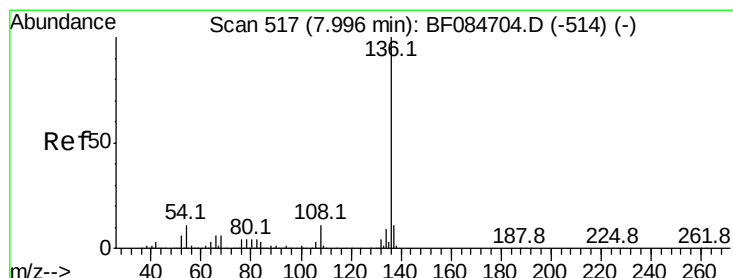
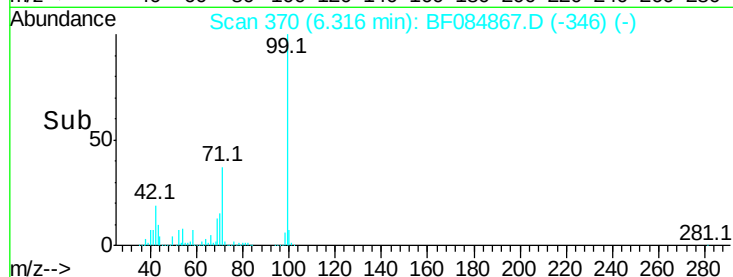
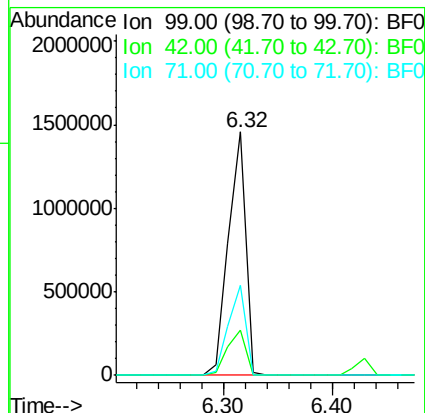
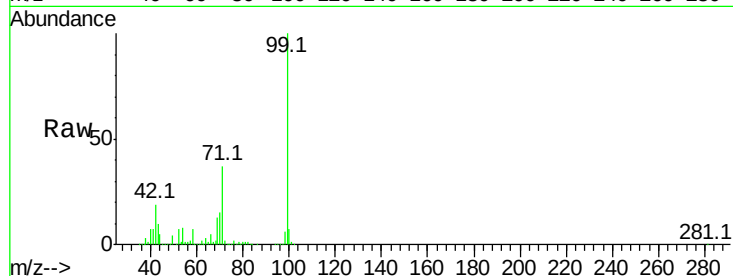
Tot Ion: 99 Resp: 1606205

Ion Ratio Lower Upper

99 100

42 18.8 12.8 19.2

71 36.8 30.9 46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.95 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF084867.D

Acq: 5 Feb 2016 18:43

Tgt Ion: 136 Resp: 682344

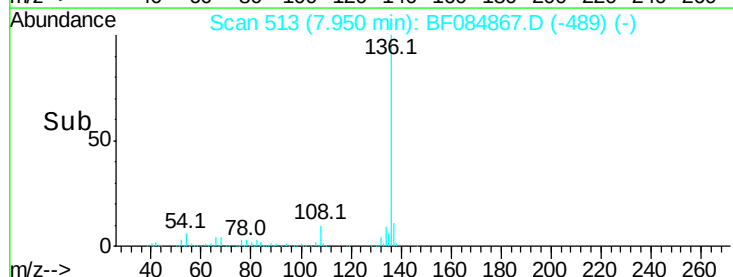
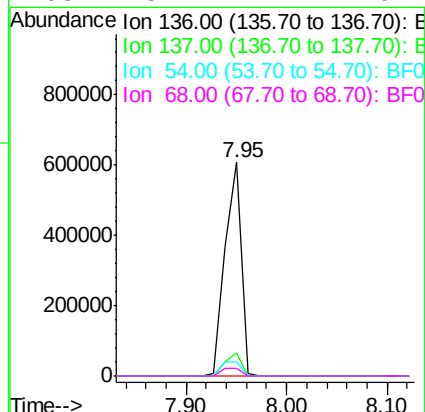
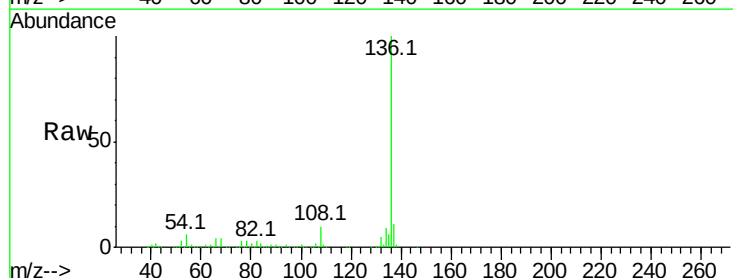
Ion Ratio Lower Upper

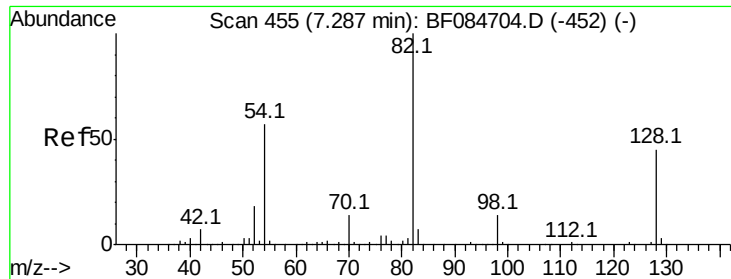
136 100

137 10.8 8.7 13.1

54 6.3 5.8 8.8

68 3.7 4.2 6.2#

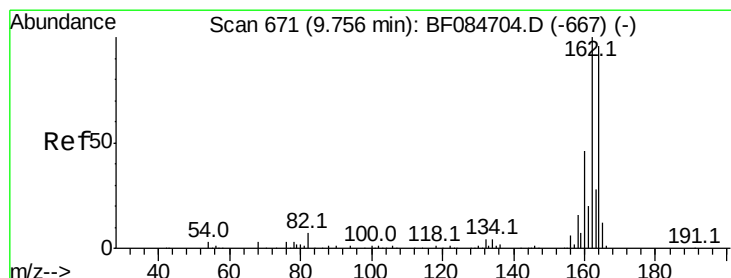
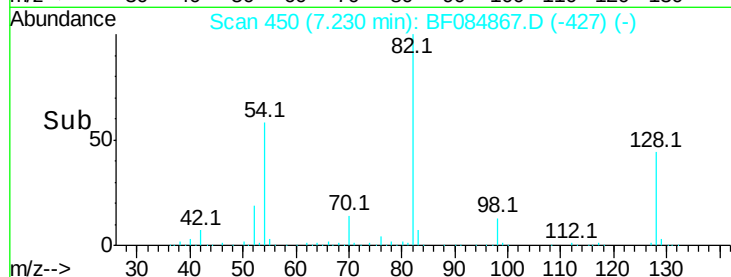
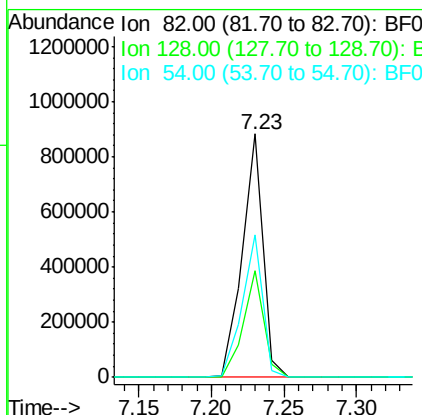
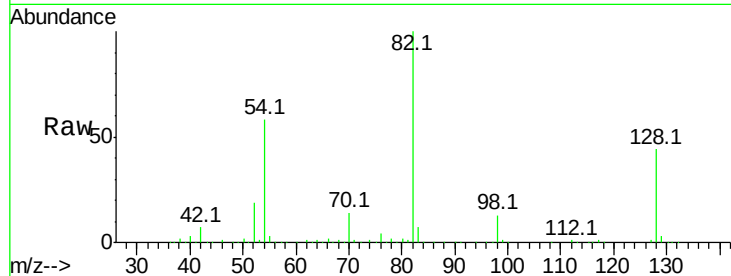




#23
 Nitrobenzene-d5
 Concen: 72.54 ng
 RT: 7.23 min Scan# 450
 Delta R.T. -0.03 min
 Lab File: BF084867.D
 Acq: 5 Feb 2016 18:43

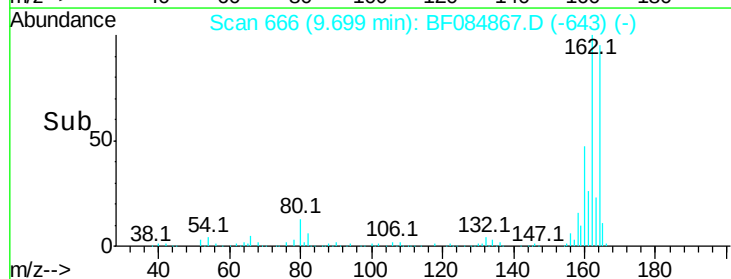
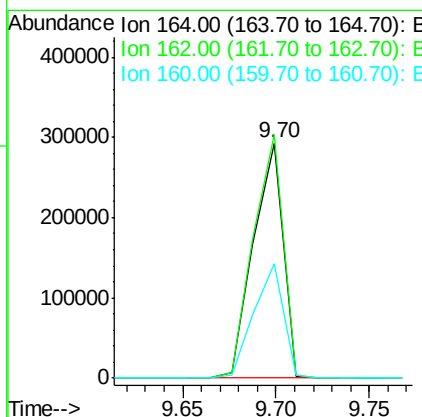
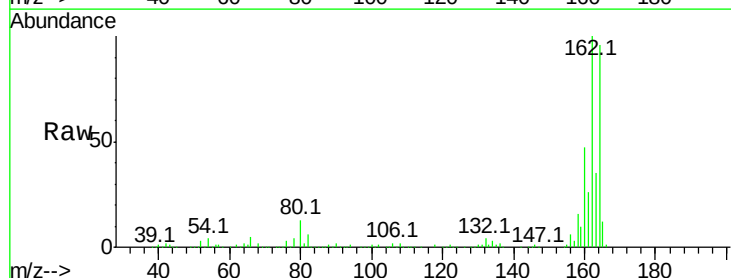
Instrument :
 BNA_F
 ClientSampleId :
 SUP-B008(45-47)

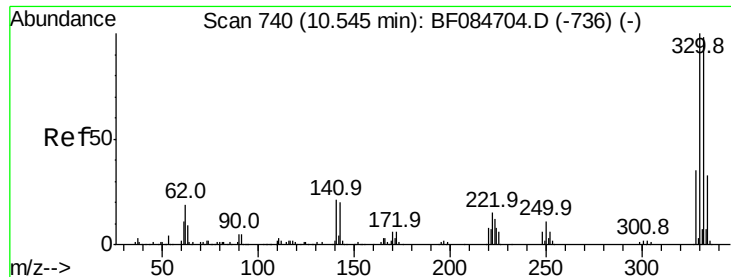
Tot Ion: 82 Resp: 878609
 Ion Ratio Lower Upper
 82 100
 128 43.6 34.6 51.8
 54 58.5 38.4 57.6#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 666
 Delta R.T. -0.03 min
 Lab File: BF084867.D
 Acq: 5 Feb 2016 18:43

Tgt Ion:164 Resp: 321217
 Ion Ratio Lower Upper
 164 100
 162 103.6 85.1 127.7
 160 48.6 37.5 56.3

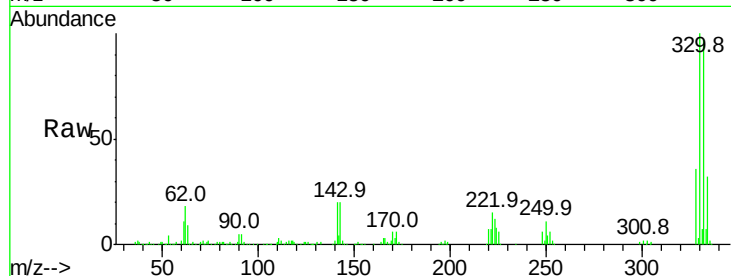




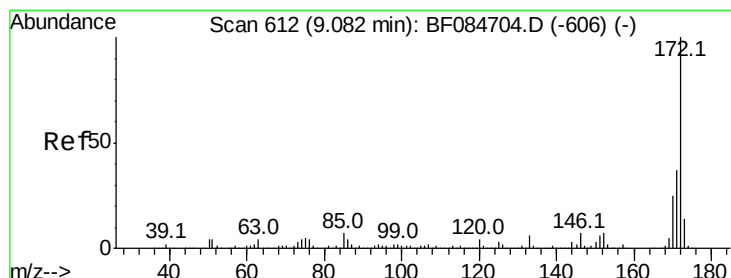
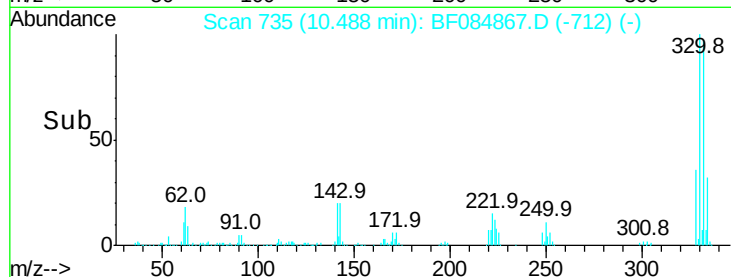
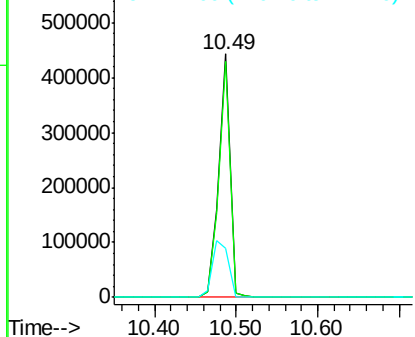
#41
 2,4,6-Tribromophenol
 Concen: 128.22 ng
 RT: 10.49 min Scan# 735
 Delta R.T. -0.03 min
 Lab File: BF084867.D
 Acq: 5 Feb 2016 18:43

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B008(45-47)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.6	114.8
141	33.1	27.8	41.6

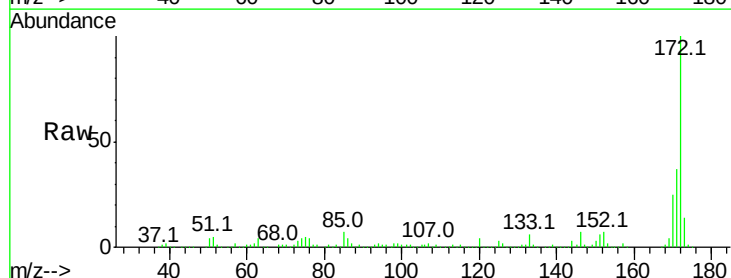


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

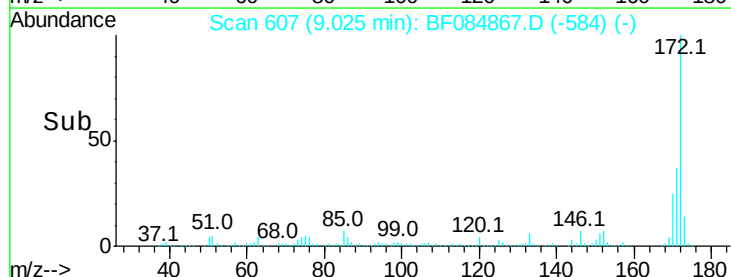
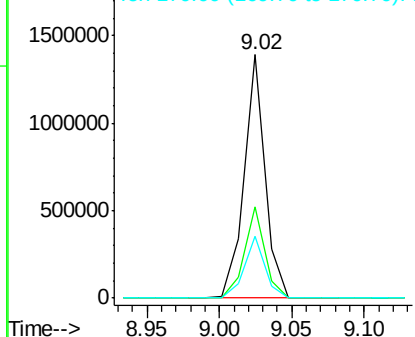


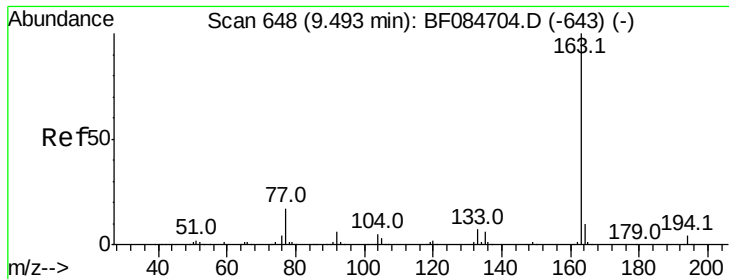
#44
 2-Fluorobiphenyl
 Concen: 68.37 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.03 min
 Lab File: BF084867.D
 Acq: 5 Feb 2016 18:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	28.9	43.3
170	25.2	18.6	27.8



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: 16.07 ng

RT: 9.42 min Scan# 642

Delta R.T. -0.05 min

Lab File: BF084867.D

Acq: 5 Feb 2016 18:43

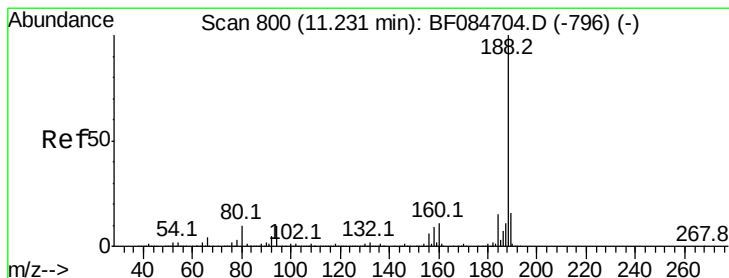
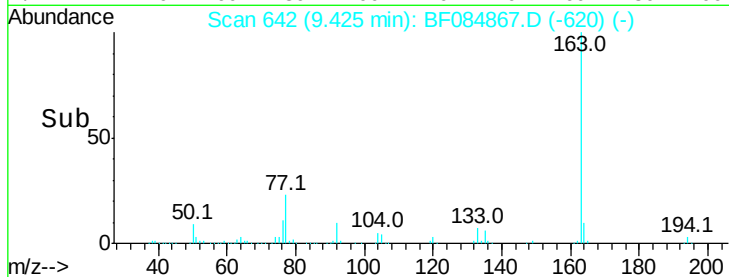
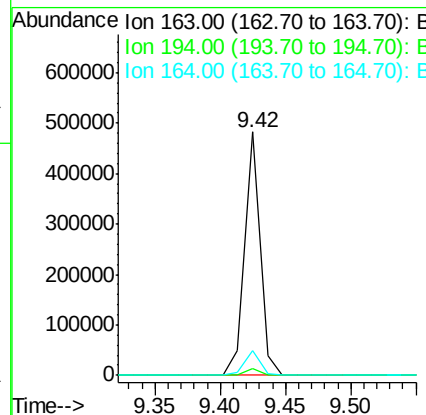
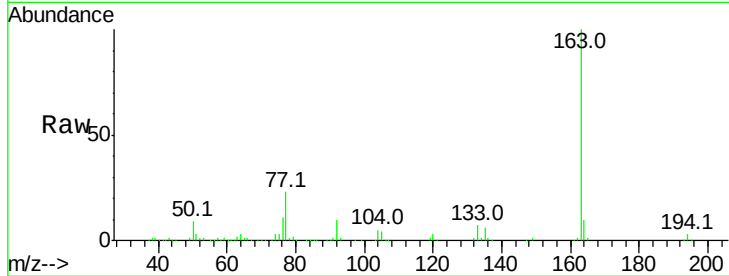
Instrument :

BNA_F

ClientSampleId :

SUP-B008(45-47)

Tot Ion:	163	Resp:	393080
Ion	Ratio	Lower	Upper
163	100		
194	3.0	8.0	12.0#
164	10.1	8.0	12.0



#63

Phenanthrene-d10

Concen: 20.00 ng

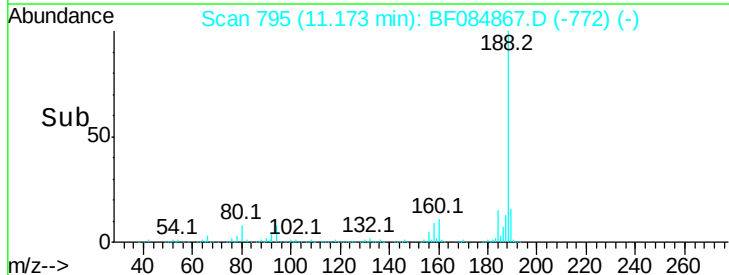
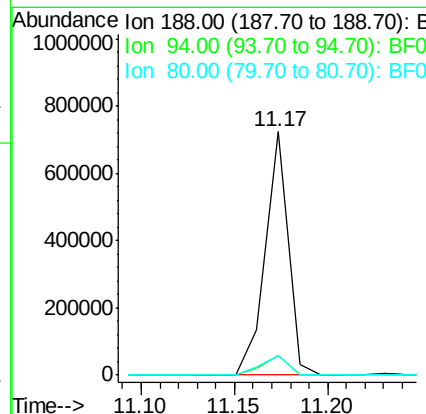
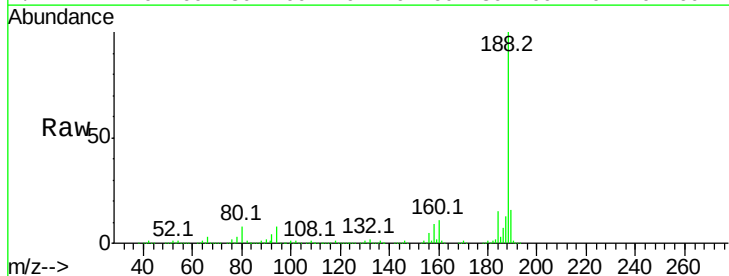
RT: 11.17 min Scan# 795

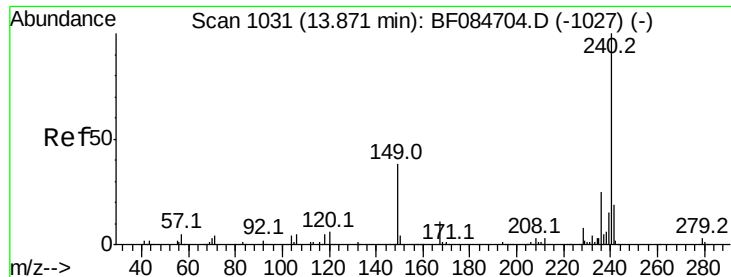
Delta R.T. -0.03 min

Lab File: BF084867.D

Acq: 5 Feb 2016 18:43

Tgt Ion:	188	Resp:	611163
Ion	Ratio	Lower	Upper
188	100		
94	8.2	9.0	13.4#
80	8.3	9.6	14.4#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.80 min Scan# 1025

Delta R.T. -0.03 min

Lab File: BF084867.D

Acq: 5 Feb 2016 18:43

Instrument :

BNA_F

ClientSampleId :

SUP-B008(45-47)

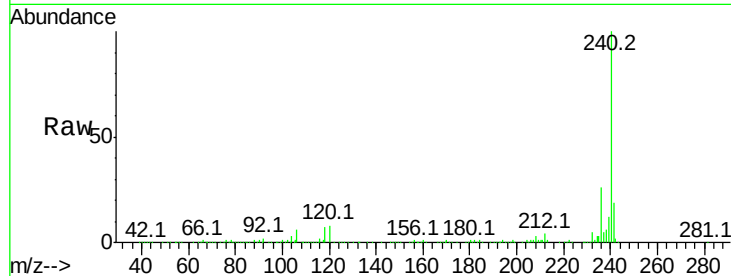
Tot Ion:240 Resp: 497015

Ion Ratio Lower Upper

240 100

120 8.2 9.5 14.3#

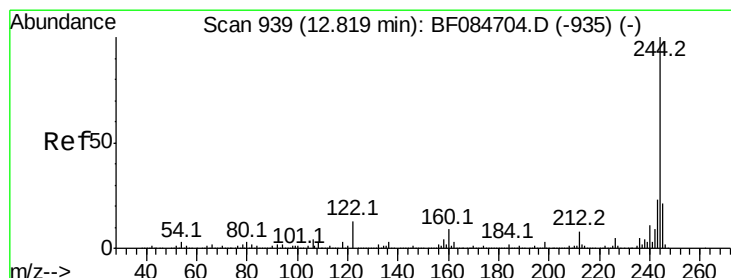
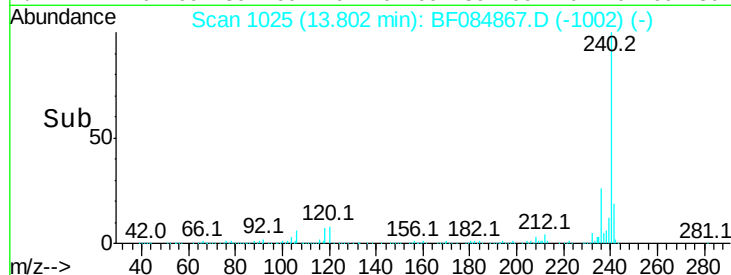
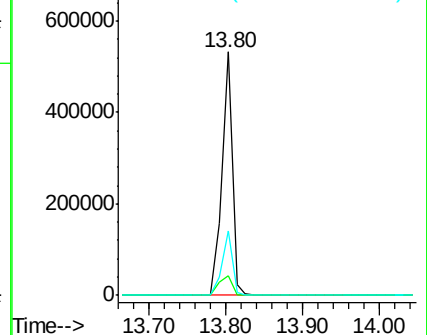
236 26.2 20.6 31.0



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: 58.52 ng

RT: 12.76 min Scan# 934

Delta R.T. -0.03 min

Lab File: BF084867.D

Acq: 5 Feb 2016 18:43

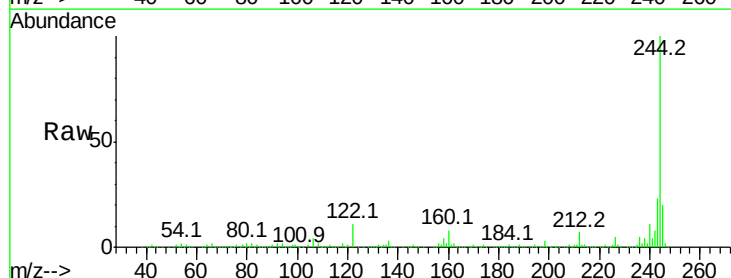
Tgt Ion:244 Resp: 1283484

Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

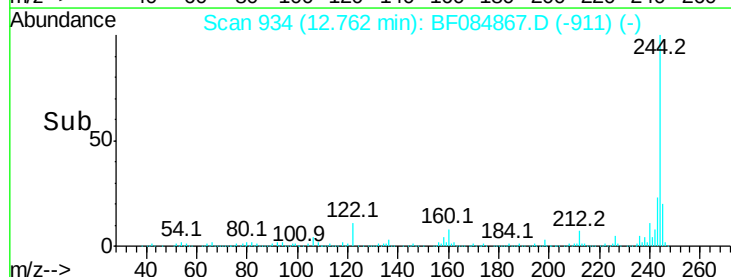
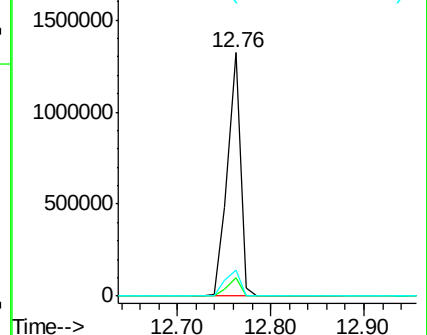
122 10.8 7.4 11.0

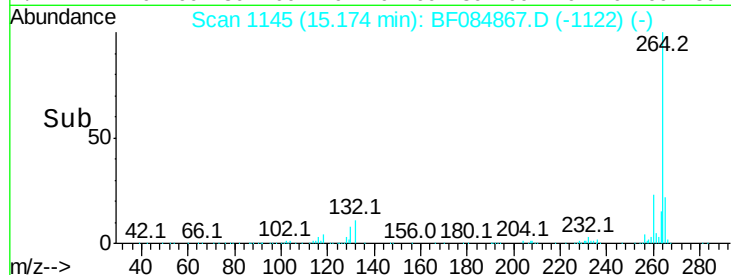
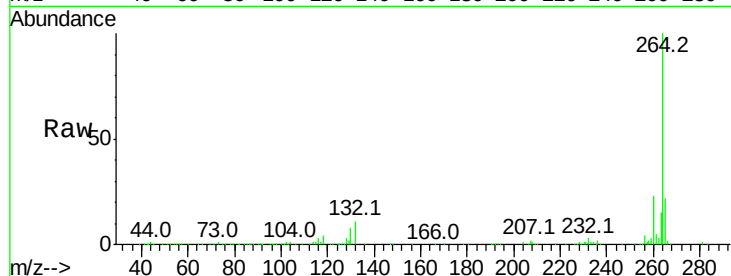
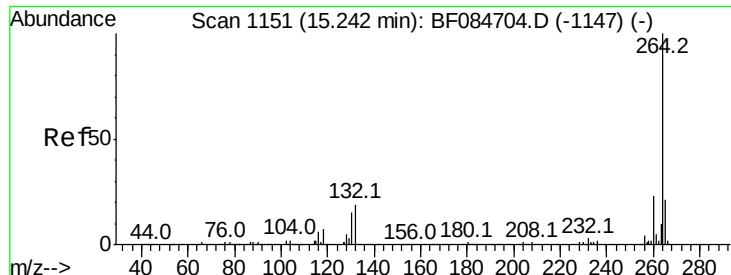


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.17 min Scan# 1145
Delta R.T. -0.03 min
Lab File: BF084867.D
Acq: 5 Feb 2016 18:43

Instrument :
BNA_F
ClientSampleId :
SUP-B008(45-47)

Tot Ion:	264	Resp:	323121
Ion Ratio	Lower	Upper	
264	100		
260	23.4	19.4	29.2
265	21.6	17.8	26.6

