

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061816\
 Data File : BF088140.D
 Acq On : 18 Jun 2016 18:08
 Operator : UM/SJ
 Sample : H3501-22
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB14(1-3)

Quant Time: Jun 20 05:31:59 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 17 16:09:13 2016
 Response via : Initial Calibration

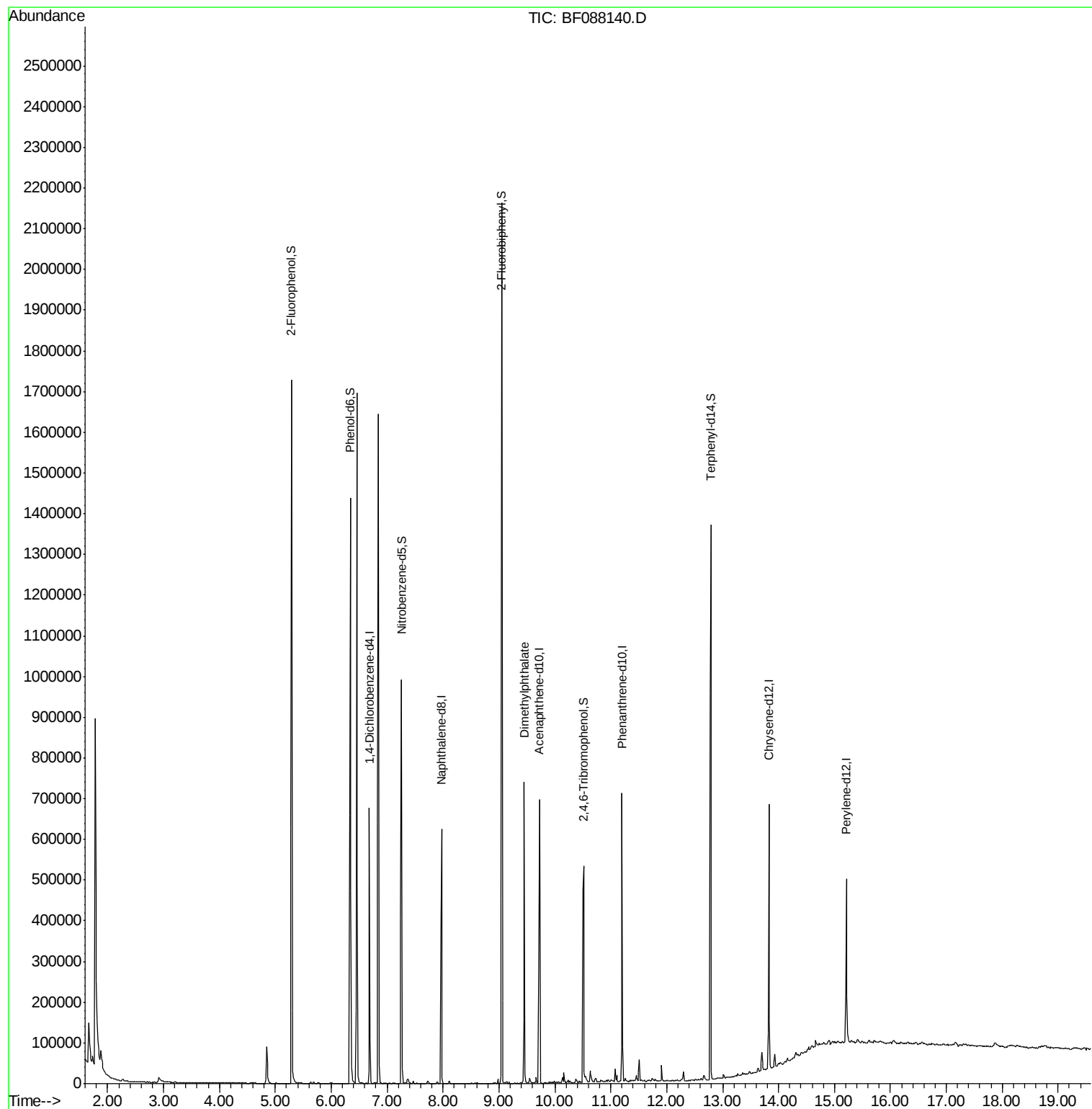
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	99009	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	374700	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	153260	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	243992	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	208488	20.00	ng	-0.02
86) Perylene-d12	15.21	264	158329	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	551649	95.25	ng	0.01
7) Phenol-d6	6.34	99	614547	87.56	ng	-0.01
23) Nitrobenzene-d5	7.26	82	354136	55.19	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	90722	56.06	ng	-0.01
44) 2-Fluorobiphenyl	9.05	172	669799	67.52	ng	-0.02
78) Terphenyl-d14	12.79	244	544225	59.40	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.45	163	304934	27.47	ng	Qvalue 99

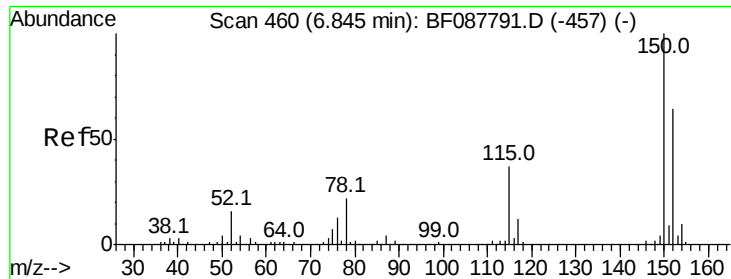
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 446

Delta R.T. -0.01 min

Lab File: BF088140.D

Acq: 18 Jun 2016 18:08

Instrument :

BNA_F

ClientSampleId :

SB14(1-3)

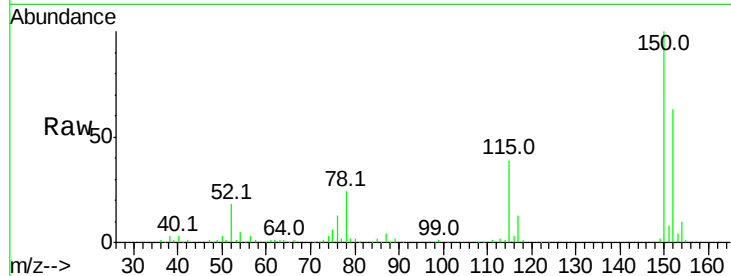
Tot Ion:152 Resp: 99009

Ion Ratio Lower Upper

152 100

150 158.9 123.8 185.6

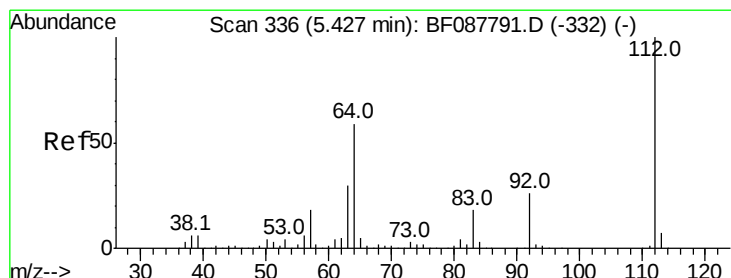
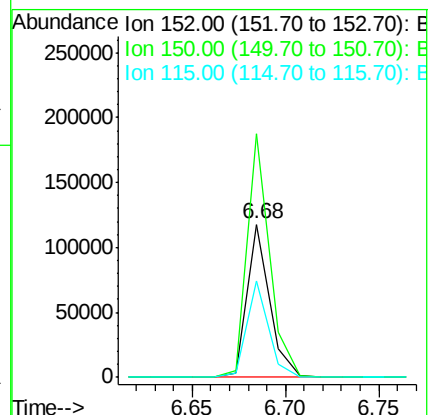
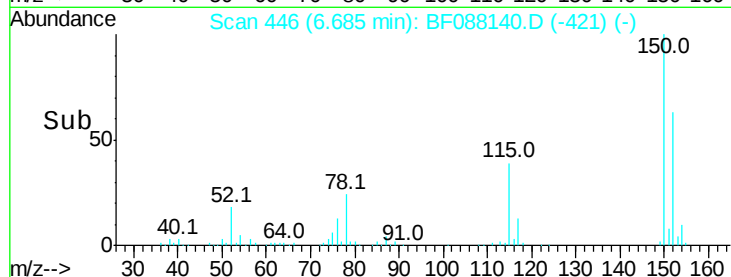
115 62.6 39.6 59.4#



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: 95.25 ng

RT: 5.29 min Scan# 324

Delta R.T. 0.01 min

Lab File: BF088140.D

Acq: 18 Jun 2016 18:08

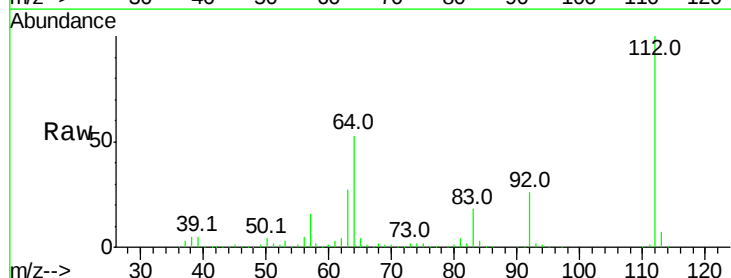
Tgt Ion:112 Resp: 551649

Ion Ratio Lower Upper

112 100

64 53.5 42.2 63.2

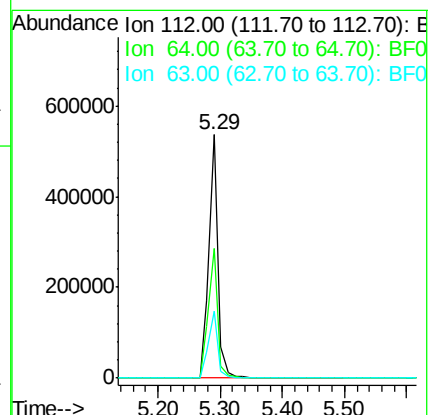
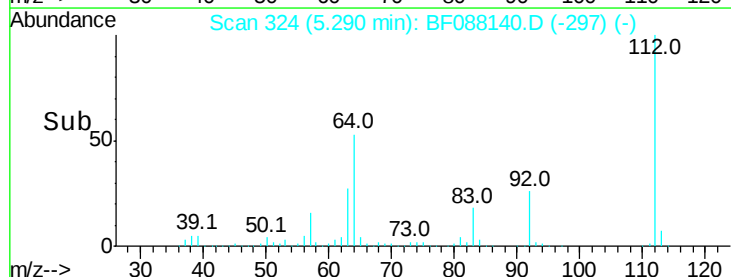
63 27.3 21.8 32.8



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: 87.56 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF088140.D

Acq: 18 Jun 2016 18:08

Instrument :

BNA_F

ClientSampleId :

SB14(1-3)

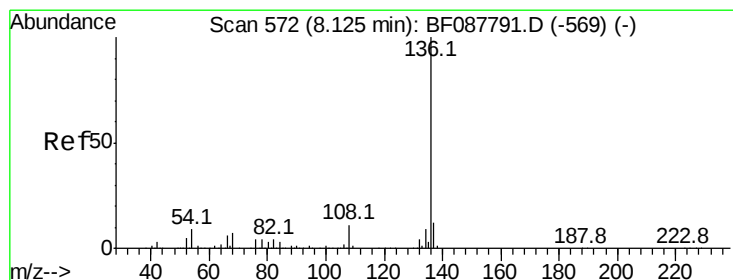
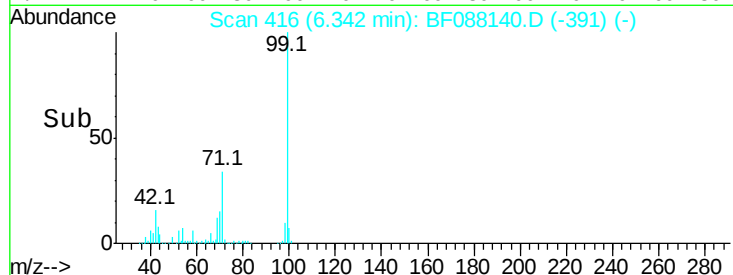
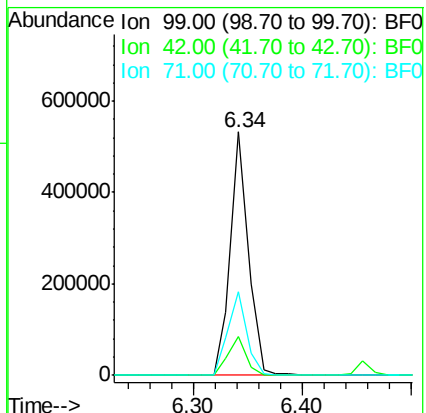
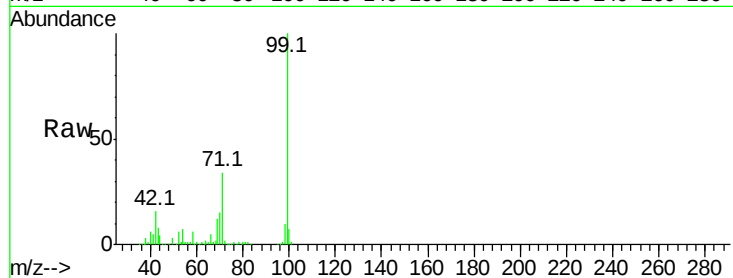
Tot Ion: 99 Resp: 614547

Ion Ratio Lower Upper

99 100

42 15.9 12.2 18.2

71 34.3 23.4 35.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 559

Delta R.T. -0.01 min

Lab File: BF088140.D

Acq: 18 Jun 2016 18:08

Tgt Ion: 136 Resp: 374700

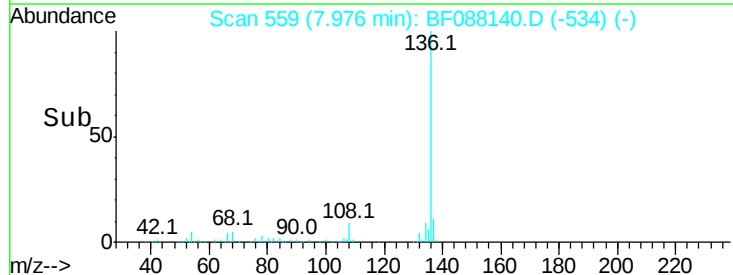
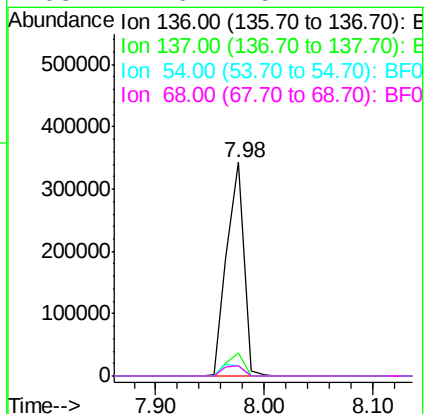
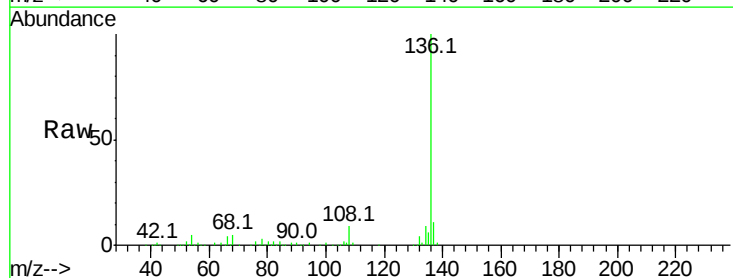
Ion Ratio Lower Upper

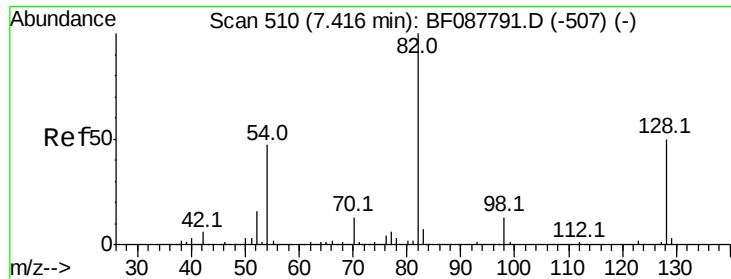
136 100

137 10.7 9.1 13.7

54 5.0 6.6 10.0#

68 4.6 5.1 7.7#

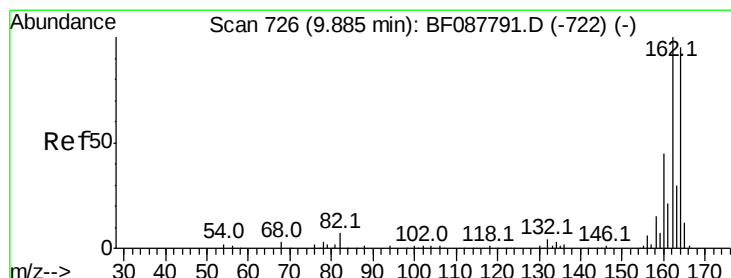
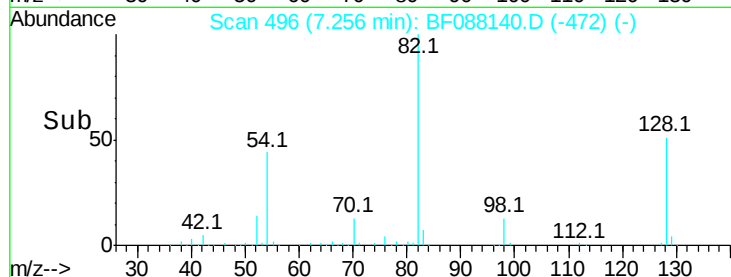
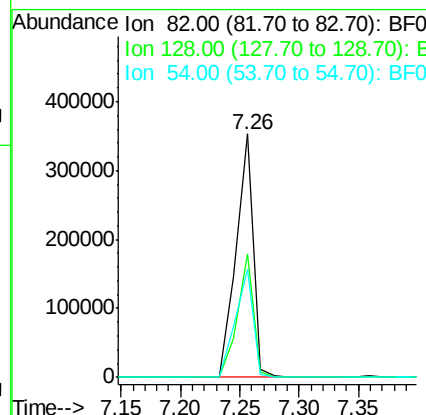
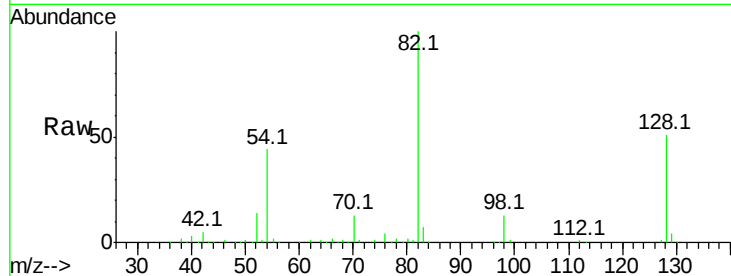




#23
 Nitrobenzene-d5
 Concen: 55.19 ng
 RT: 7.26 min Scan# 496
 Delta R.T. -0.02 min
 Lab File: BF088140.D
 Acq: 18 Jun 2016 18:08

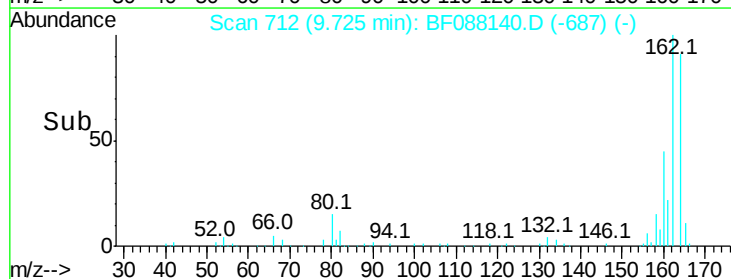
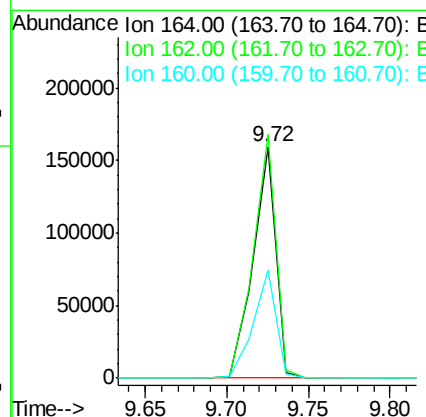
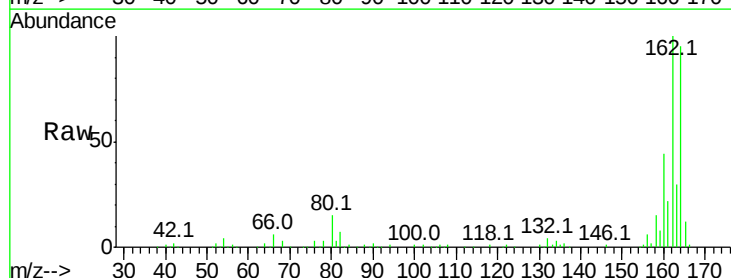
Instrument :
 BNA_F
 ClientSampleId :
 SB14(1-3)

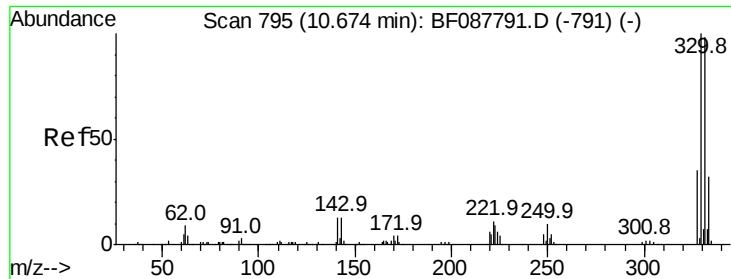
Tot Ion	82	Resp	354136
Ion	Ratio	Lower	Upper
82	100		
128	50.8	35.9	53.9
54	44.1	40.9	61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: BF088140.D
 Acq: 18 Jun 2016 18:08

Tgt Ion	164	Resp	153260
Ion	Ratio	Lower	Upper
164	100		
162	105.4	85.4	128.2
160	46.9	39.5	59.3

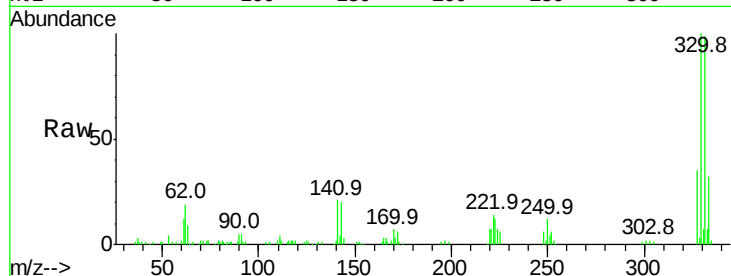




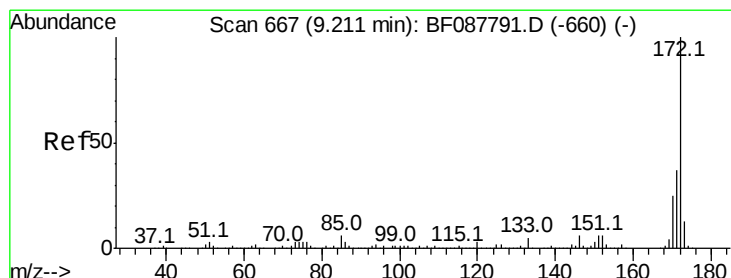
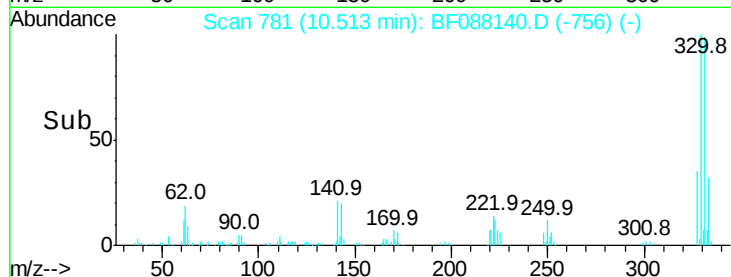
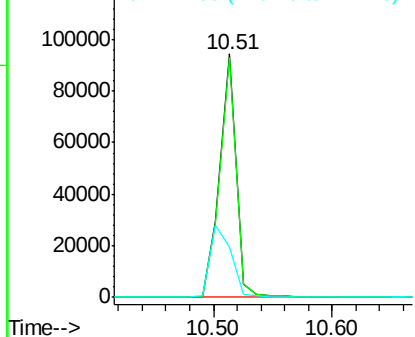
#41
 2,4,6-Tribromophenol
 Concen: 56.06 ng
 RT: 10.51 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: BF088140.D
 Acq: 18 Jun 2016 18:08

Instrument :
 BNA_F
 ClientSampleId :
 SB14(1-3)

Tot Ion:330 Resp: 90722
 Ion Ratio Lower Upper
 330 100
 332 97.8 0.0 0.0#
 141 37.4 0.0 0.0#

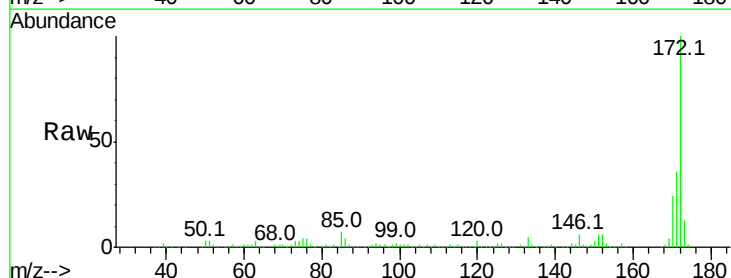


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

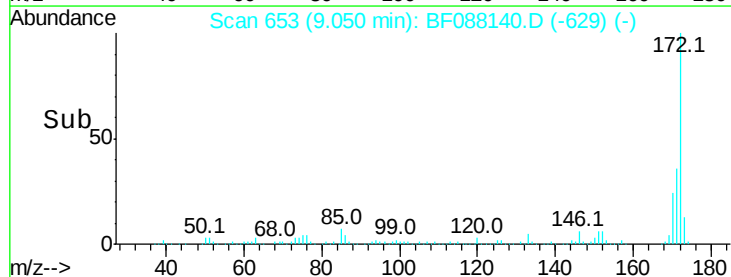
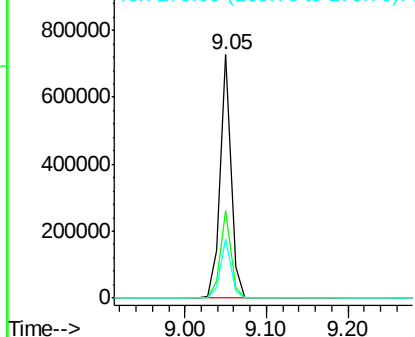


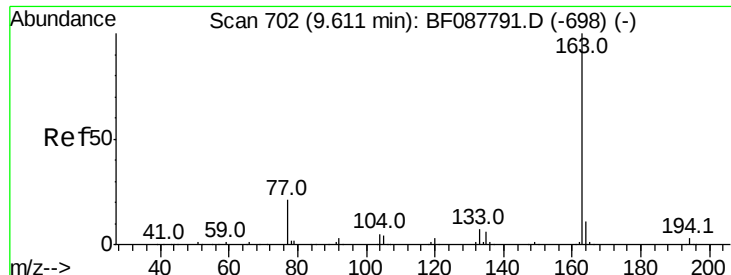
#44
 2-Fluorobiphenyl
 Concen: 67.52 ng
 RT: 9.05 min Scan# 653
 Delta R.T. -0.02 min
 Lab File: BF088140.D
 Acq: 18 Jun 2016 18:08

Tgt Ion:172 Resp: 669799
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.6 43.0
 170 24.1 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: 27.47 ng

RT: 9.45 min Scan# 688

Delta R.T. -0.02 min

Lab File: BF088140.D

Acq: 18 Jun 2016 18:08

Instrument :

BNA_F

ClientSampleId :

SB14(1-3)

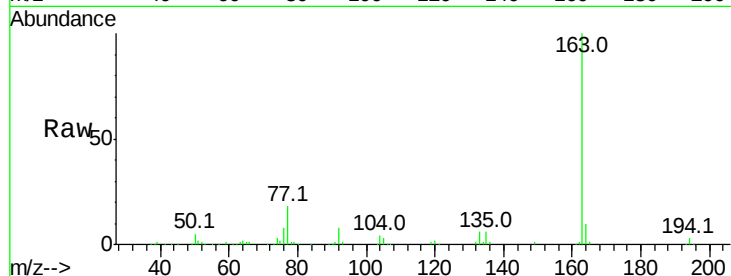
Tot Ion:163 Resp: 304934

Ion Ratio Lower Upper

163 100

194 3.4 2.8 4.2

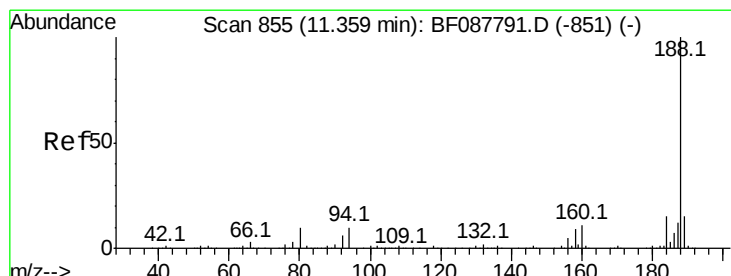
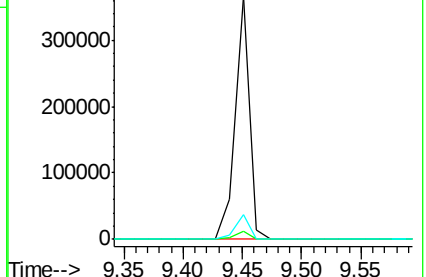
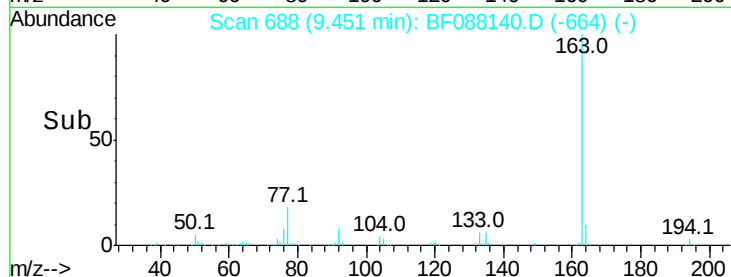
164 10.0 8.3 12.5



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: 11.20 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF088140.D

Acq: 18 Jun 2016 18:08

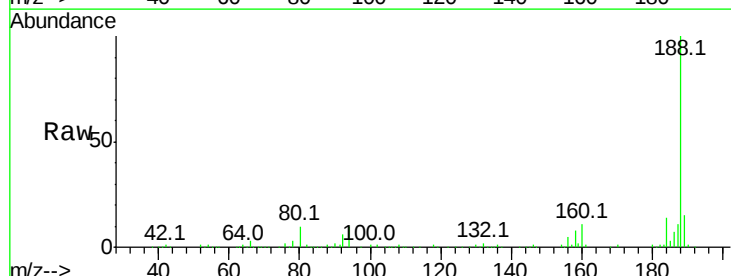
Tgt Ion:188 Resp: 243992

Ion Ratio Lower Upper

188 100

94 10.0 9.0 13.6

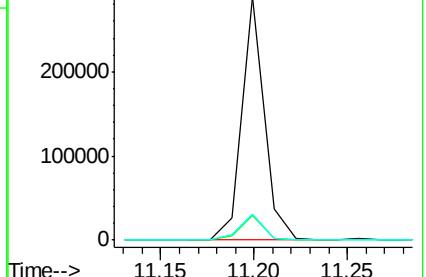
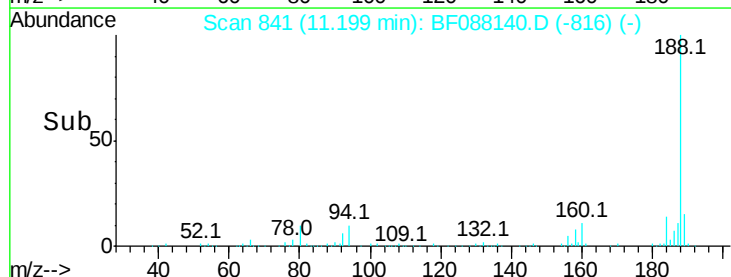
80 10.5 10.0 15.0

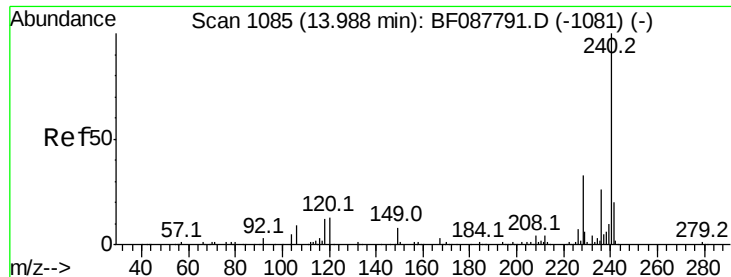


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.83 min Scan# 1071

Delta R.T. -0.02 min

Lab File: BF088140.D

Acq: 18 Jun 2016 18:08

Instrument :

BNA_F

ClientSampleId :

SB14(1-3)

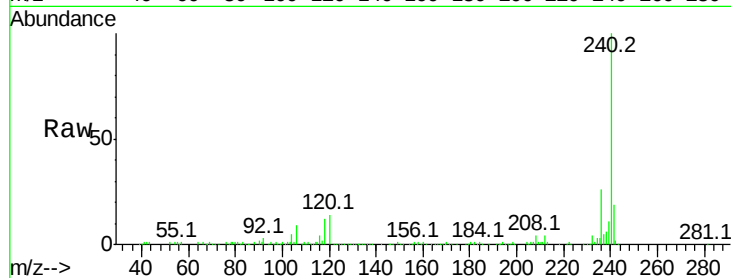
Tot Ion:240 Resp: 208488

Ion Ratio Lower Upper

240 100

120 13.5 6.8 10.2#

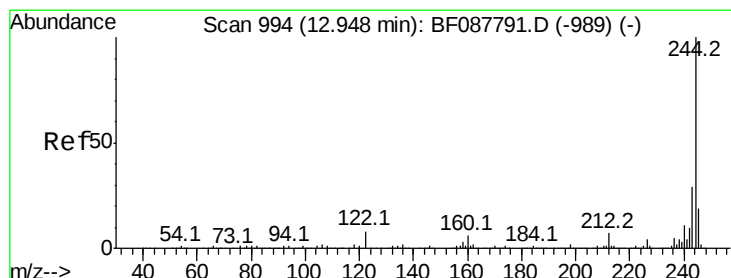
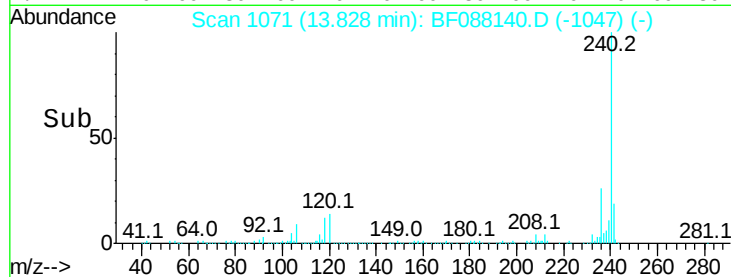
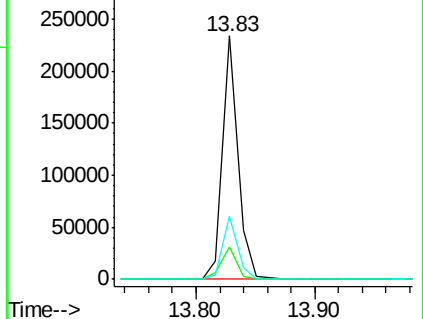
236 25.8 20.2 30.2



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: 59.40 ng

RT: 12.79 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF088140.D

Acq: 18 Jun 2016 18:08

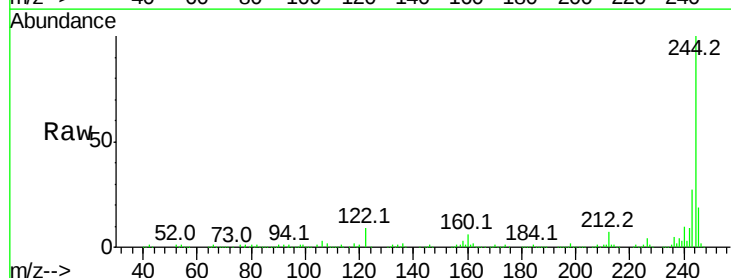
Tgt Ion:244 Resp: 544225

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

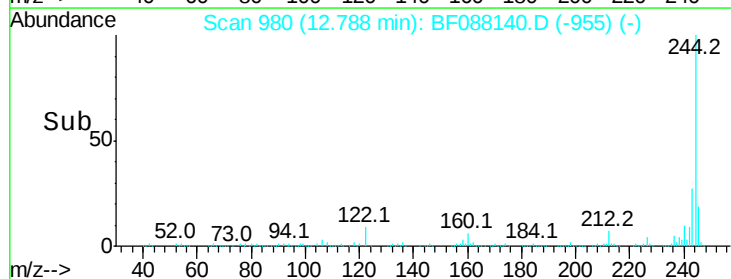
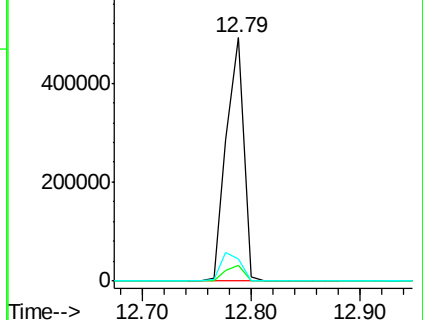
122 8.9 11.2 16.8#

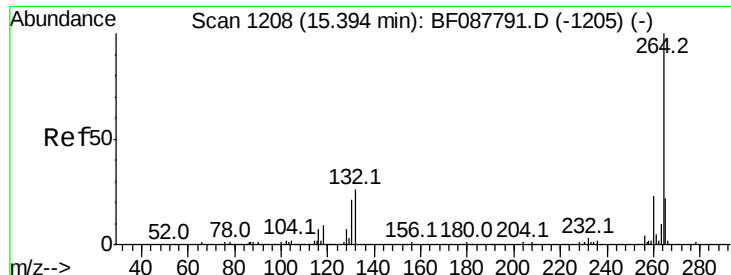


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



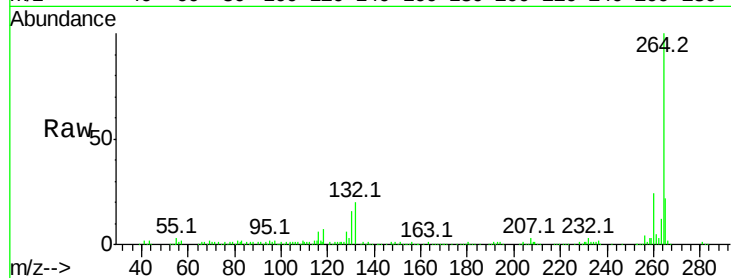


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.21 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BF088140.D
Acq: 18 Jun 2016 18:08

Instrument :
BNA_F
ClientSampleId :
SB14(1-3)

Tot Ion: 264 Resp: 158329

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.3	16.9	25.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

