

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061816\
 Data File : BF088137.D
 Acq On : 18 Jun 2016 16:41
 Operator : UM/SJ
 Sample : H3501-17
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB8-4-6

Quant Time: Jun 20 05:24:06 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

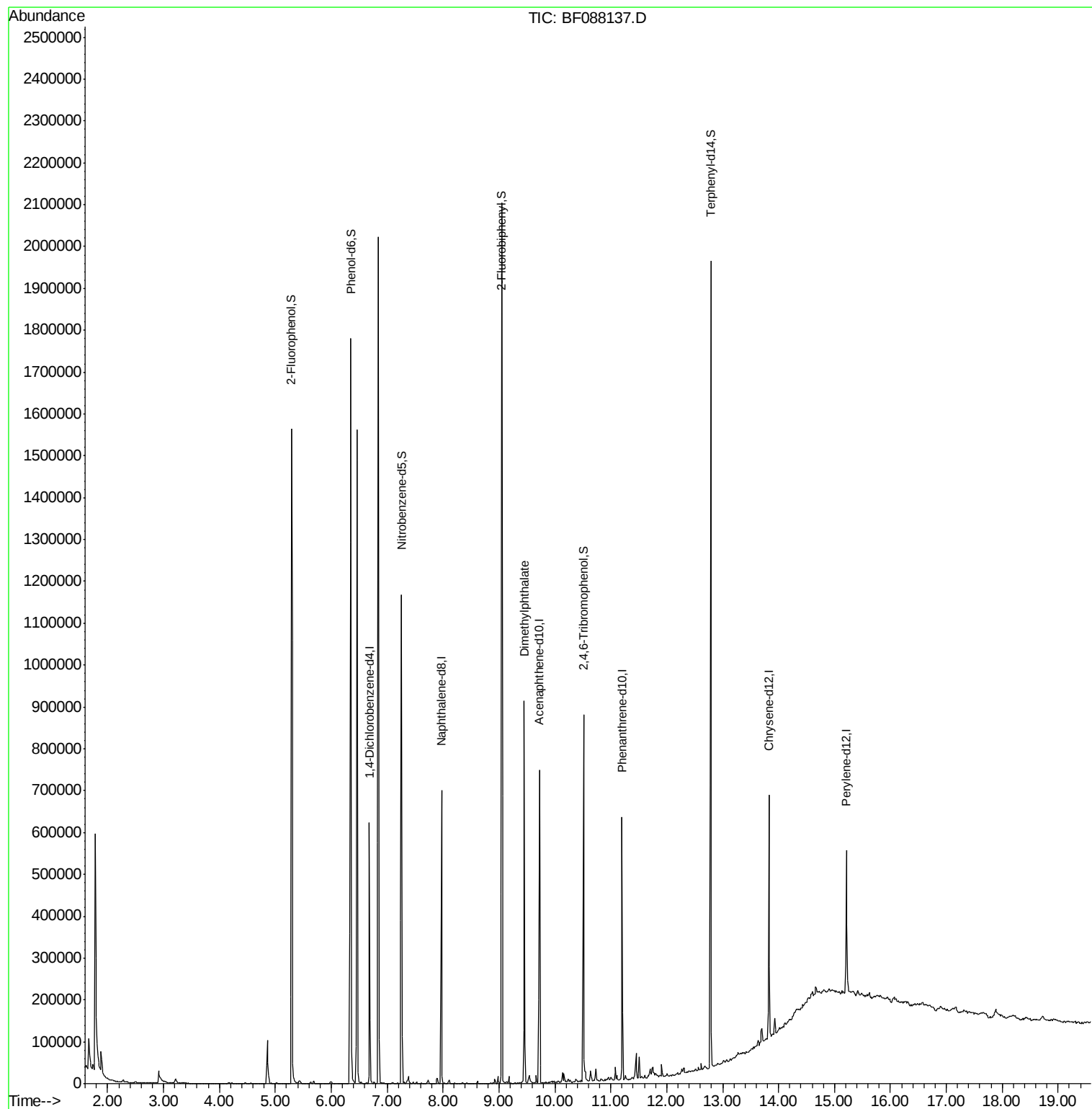
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	96968	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	366594	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	148518	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	225087	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	191577	20.00	ng	-0.02
86) Perylene-d12	15.21	264	150639	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	640040	112.84	ng	0.01
7) Phenol-d6	6.35	99	840182	122.22	ng	0.00
23) Nitrobenzene-d5	7.26	82	409626	65.25	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	107867	68.78	ng	-0.01
44) 2-Fluorobiphenyl	9.05	172	777607	82.06	ng	-0.02
78) Terphenyl-d14	12.79	244	599598	71.22	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.45	163	364187	33.85	ng	100

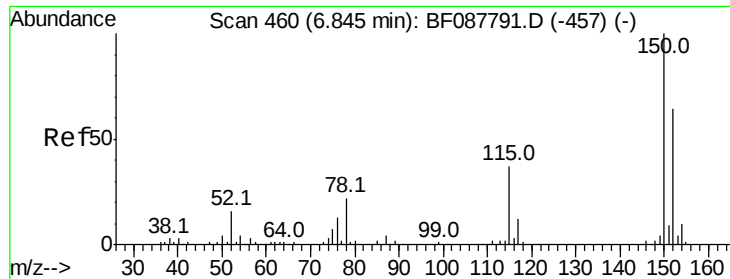
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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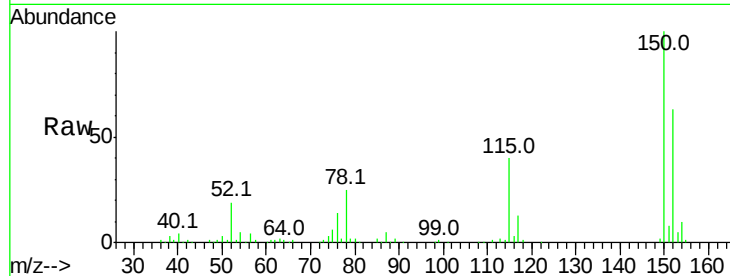


#1

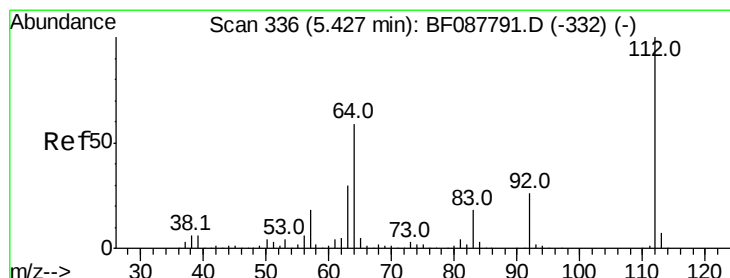
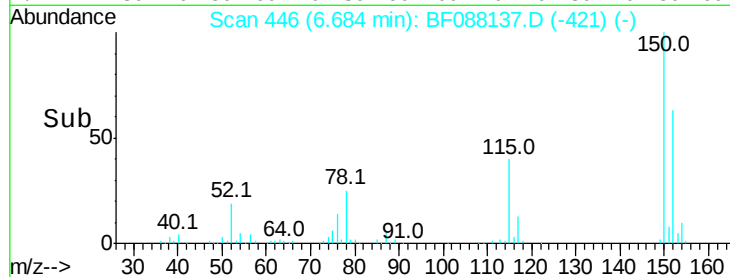
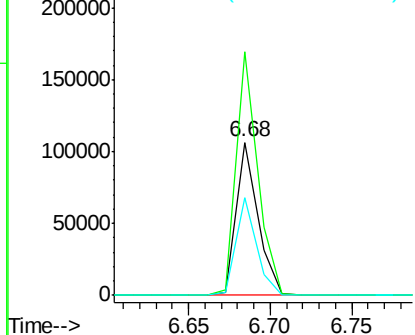
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.68 min Scan# 446
 Delta R.T. -0.01 min
 Lab File: BF088137.D
 Acq: 18 Jun 2016 16:41

Instrument :
 BNA_F
 ClientSampleId :
 SB8-4-6

Tot Ion:152 Resp: 96968
 Ion Ratio Lower Upper
 152 100
 150 159.1 123.8 185.6
 115 64.1 39.6 59.4#



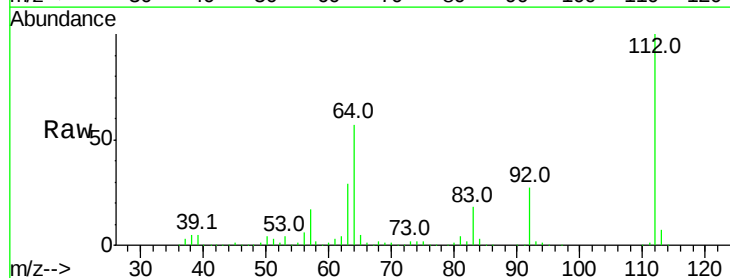
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



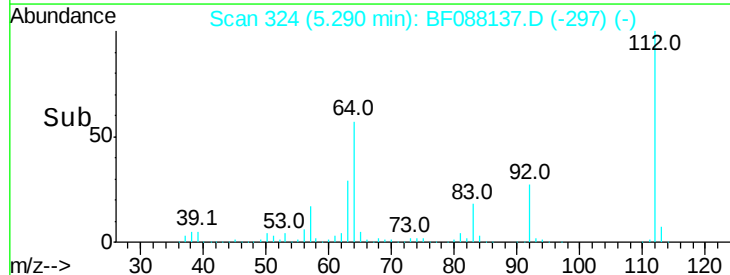
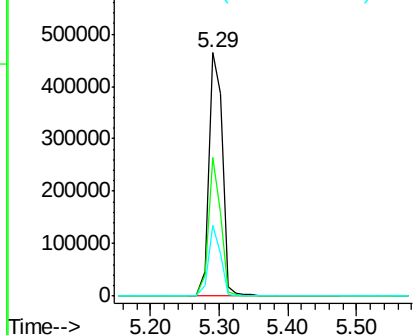
#5

2-Fluorophenol
 Concen: 112.84 ng
 RT: 5.29 min Scan# 324
 Delta R.T. 0.01 min
 Lab File: BF088137.D
 Acq: 18 Jun 2016 16:41

Tgt Ion:112 Resp: 640040
 Ion Ratio Lower Upper
 112 100
 64 56.9 42.2 63.2
 63 29.1 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: 122.22 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF088137.D

Acq: 18 Jun 2016 16:41

Instrument :

BNA_F

ClientSampleId :

SB8-4-6

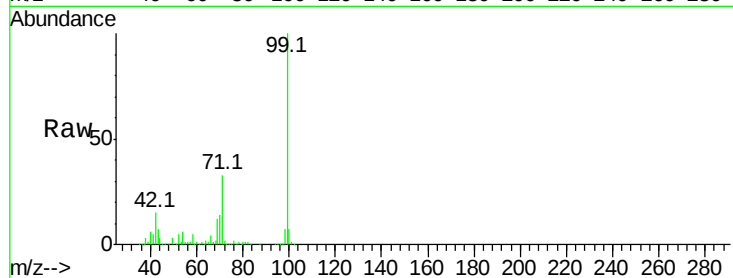
Tot Ion: 99 Resp: 840182

Ion Ratio Lower Upper

99 100

42 14.5 12.2 18.2

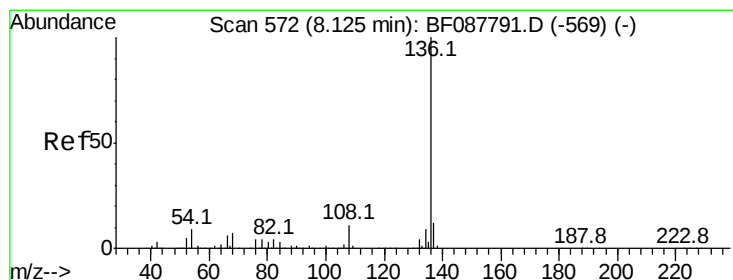
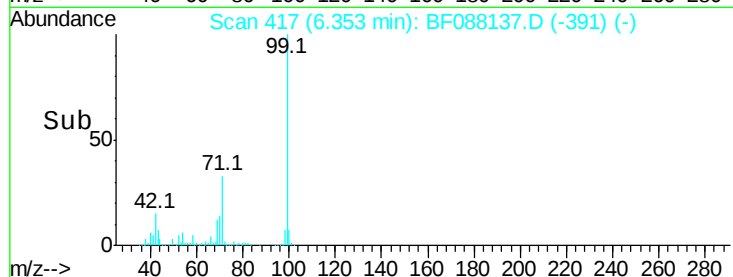
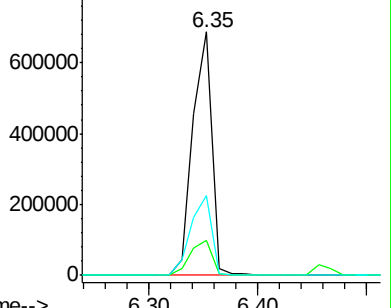
71 32.9 23.4 35.0



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: 7.98 min Scan# 559

Delta R.T. -0.01 min

Lab File: BF088137.D

Acq: 18 Jun 2016 16:41

Tgt Ion: 136 Resp: 366594

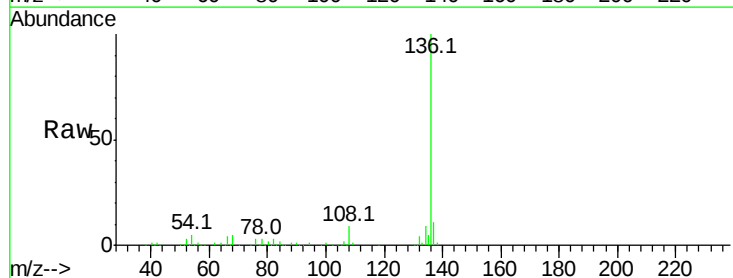
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 5.3 6.6 10.0#

68 4.7 5.1 7.7#

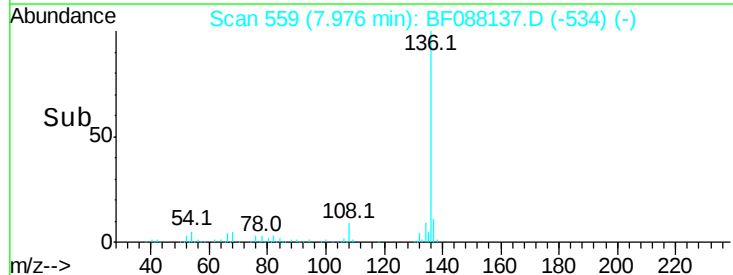
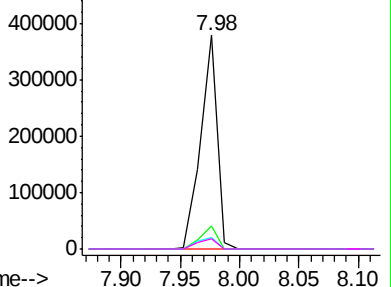


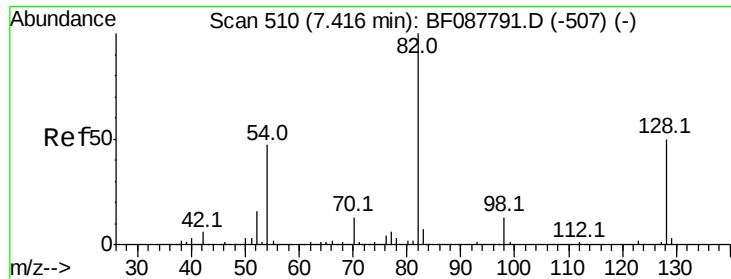
Abundance Ion 136.00 (135.70 to 136.70): E

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

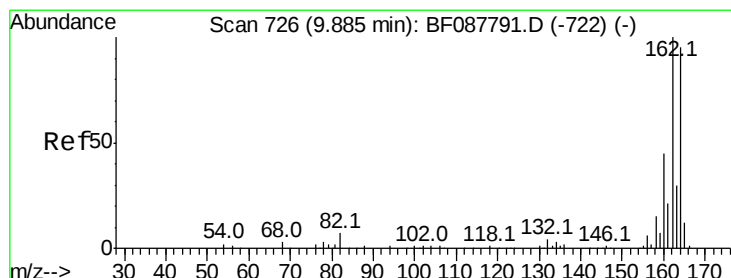
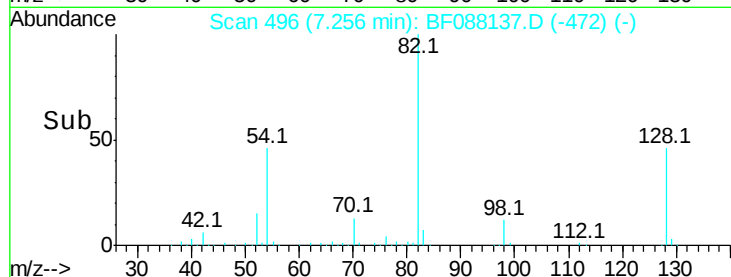
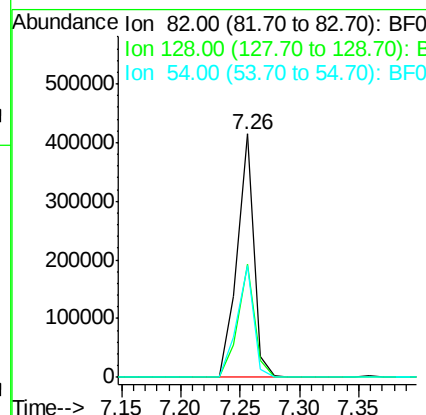
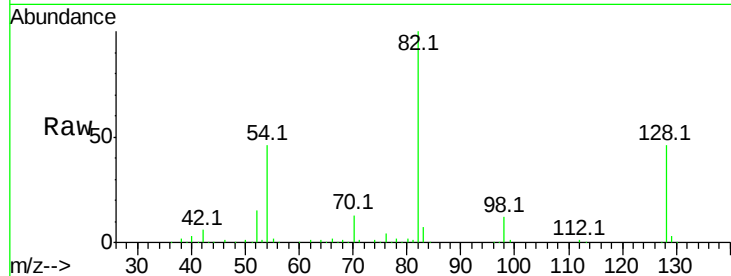




#23
 Nitrobenzene-d5
 Concen: 65.25 ng
 RT: 7.26 min Scan# 496
 Delta R.T. -0.02 min
 Lab File: BF088137.D
 Acq: 18 Jun 2016 16:41

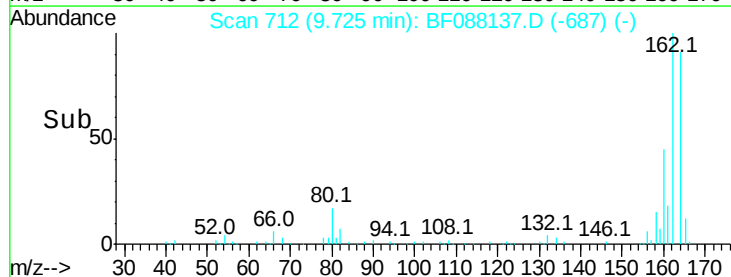
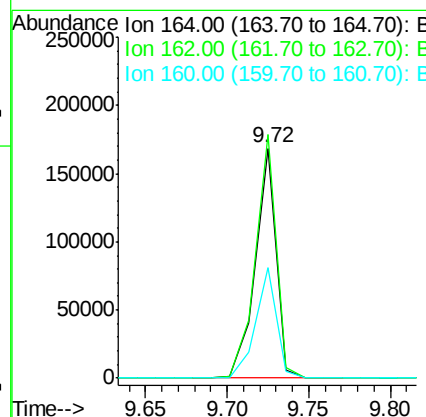
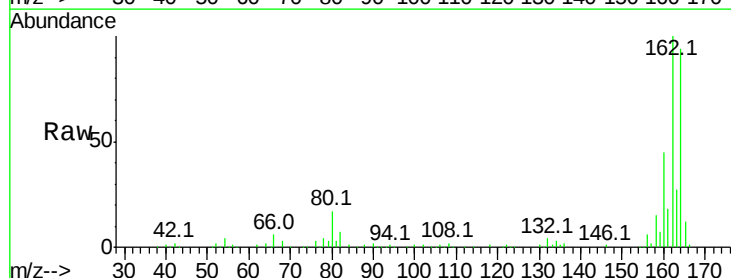
Instrument :
 BNA_F
 ClientSampled :
 SB8-4-6

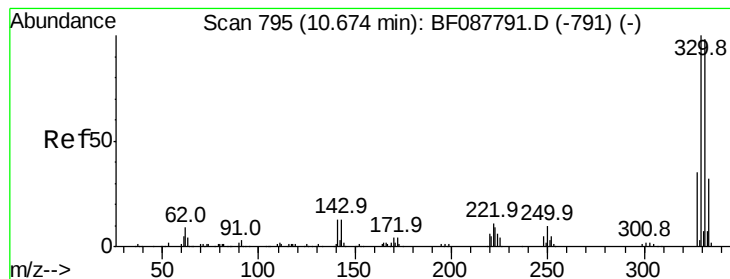
Tot Ion	82	Resp	409626
Ion Ratio	100	Lower	Upper
128	46.5	35.9	53.9
54	46.1	40.9	61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: BF088137.D
 Acq: 18 Jun 2016 16:41

Tgt Ion	164	Resp	148518
Ion Ratio	100	Lower	Upper
162	105.9	85.4	128.2
160	47.8	39.5	59.3





#41

2,4,6-Tribromophenol

Concen: 68.78 ng

RT: 10.51 min Scan# 781

Delta R.T. -0.01 min

Lab File: BF088137.D

Acq: 18 Jun 2016 16:41

Instrument :

BNA_F

ClientSampleId :

SB8-4-6

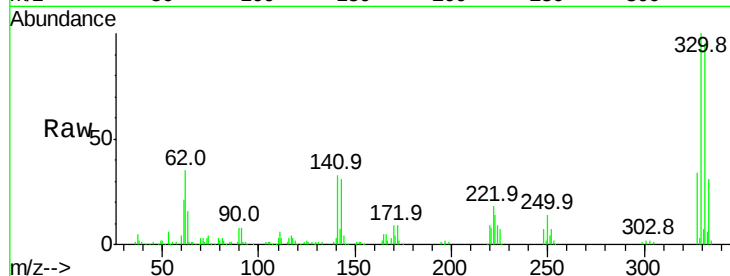
Tot Ion:330 Resp: 107867

Ion Ratio Lower Upper

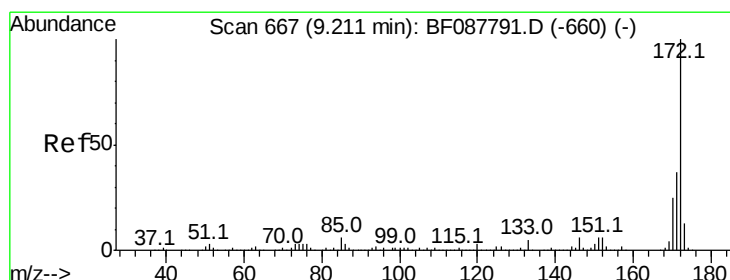
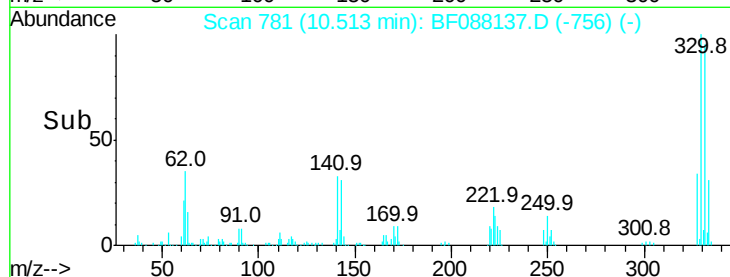
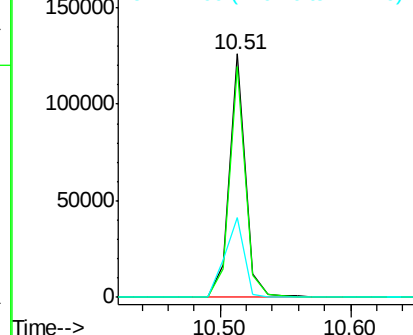
330 100

332 95.1 0.0 0.0#

141 39.7 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: 82.06 ng

RT: 9.05 min Scan# 653

Delta R.T. -0.02 min

Lab File: BF088137.D

Acq: 18 Jun 2016 16:41

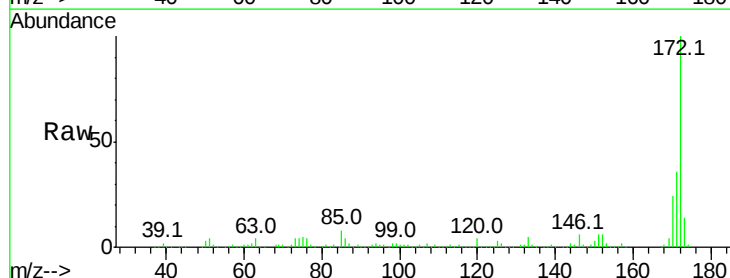
Tgt Ion:172 Resp: 777607

Ion Ratio Lower Upper

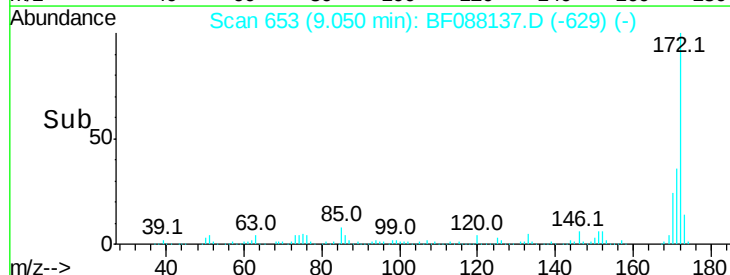
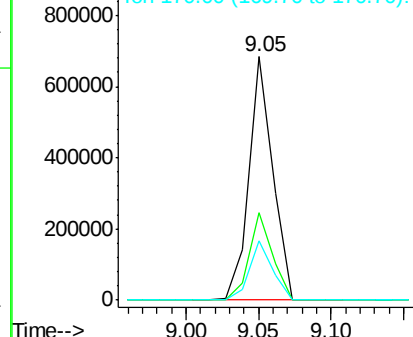
172 100

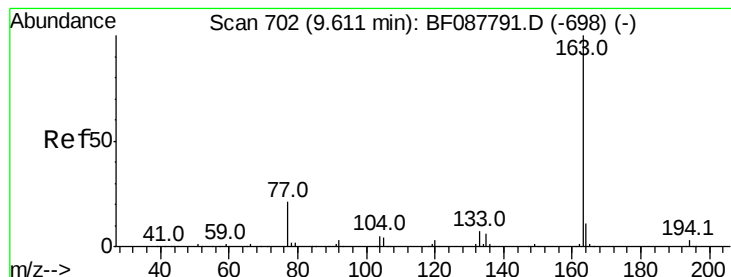
171 36.1 28.6 43.0

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: 33.85 ng

RT: 9.45 min Scan# 688

Delta R.T. -0.02 min

Lab File: BF088137.D

Acq: 18 Jun 2016 16:41

Instrument :

BNA_F

ClientSampled :

SB8-4-6

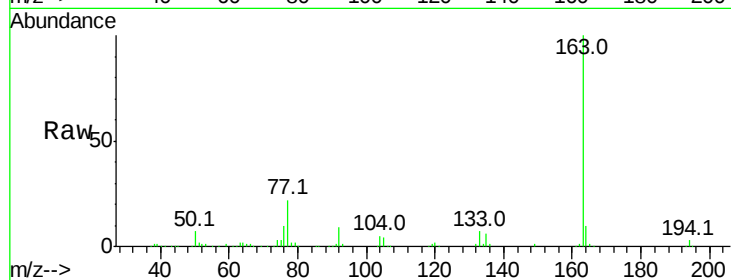
Tot Ion:163 Resp: 364187

Ion Ratio Lower Upper

163 100

194 3.1 2.8 4.2

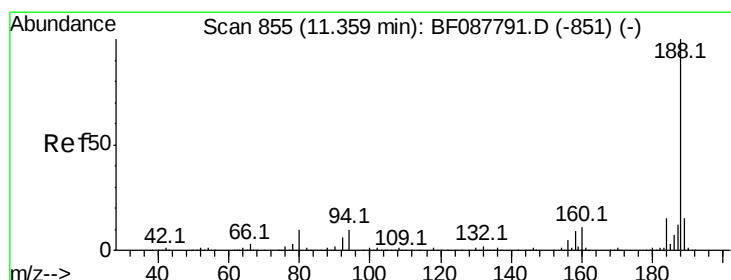
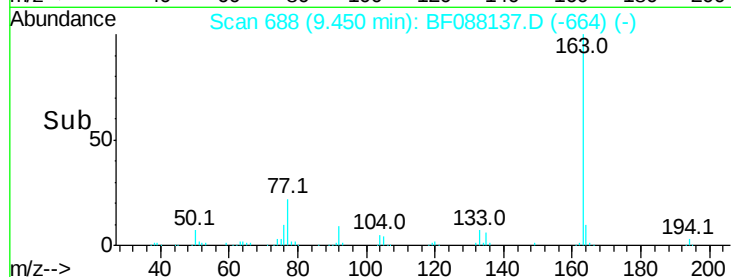
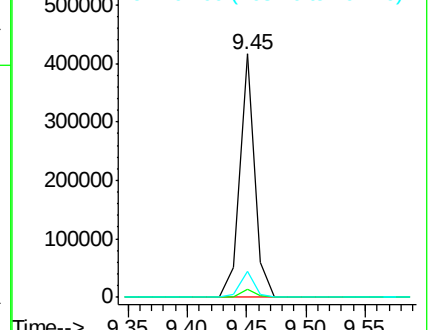
164 10.4 8.3 12.5



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: BF088137.D

Acq: 18 Jun 2016 16:41

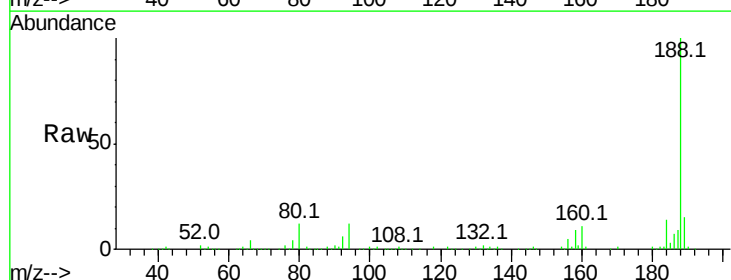
Tgt Ion:188 Resp: 225087

Ion Ratio Lower Upper

188 100

94 11.9 9.0 13.6

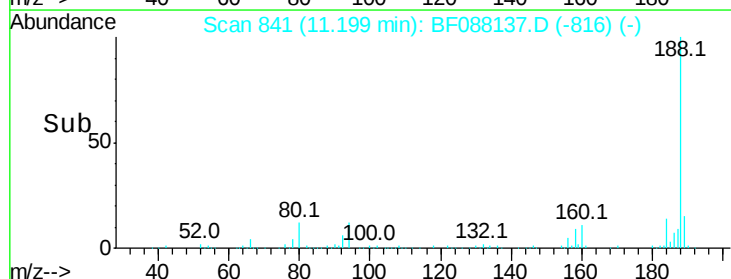
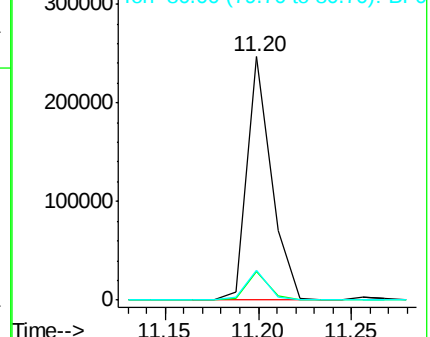
80 12.5 10.0 15.0

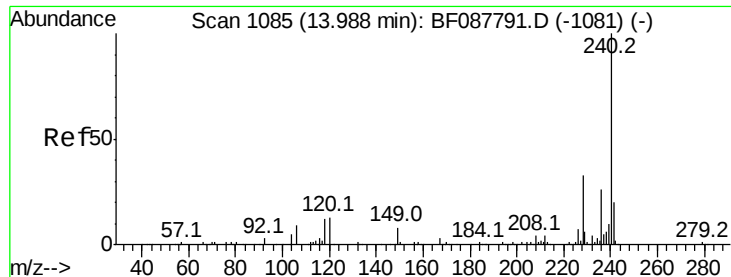


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF088137.D

Acq: 18 Jun 2016 16:41

Instrument :

BNA_F

ClientSampled :

SB8-4-6

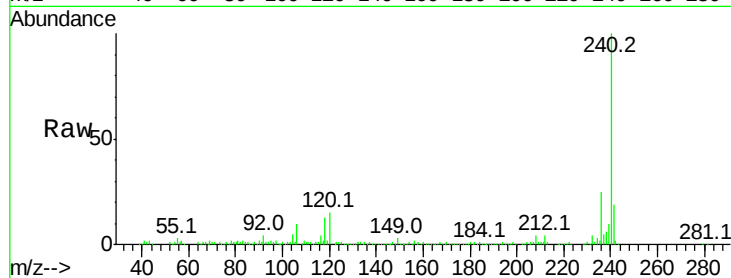
Tot Ion:240 Resp: 191577

Ion Ratio Lower Upper

240 100

120 14.6 6.8 10.2#

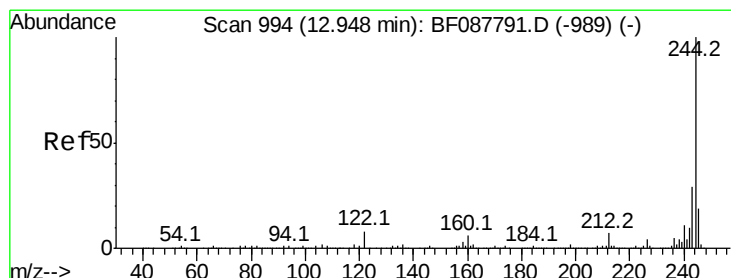
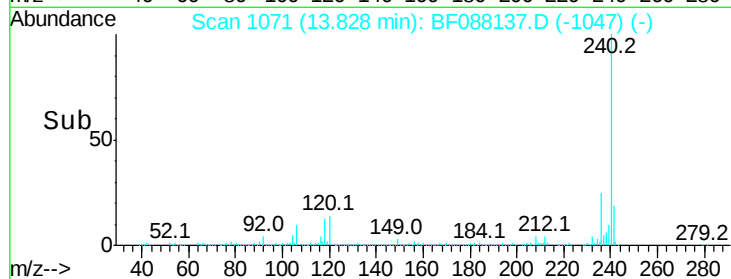
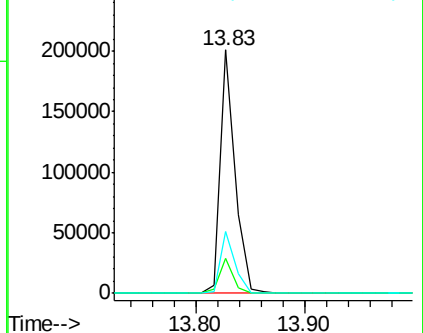
236 25.4 20.2 30.2



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: 71.22 ng

RT: 12.79 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF088137.D

Acq: 18 Jun 2016 16:41

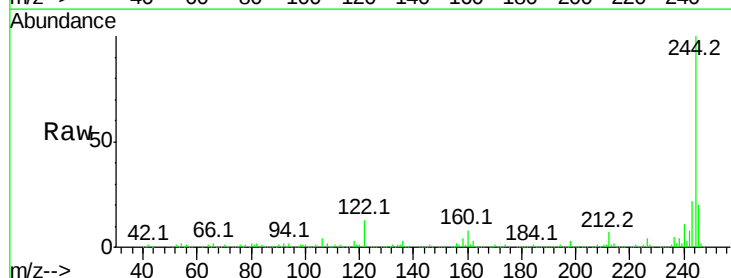
Tgt Ion:244 Resp: 599598

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

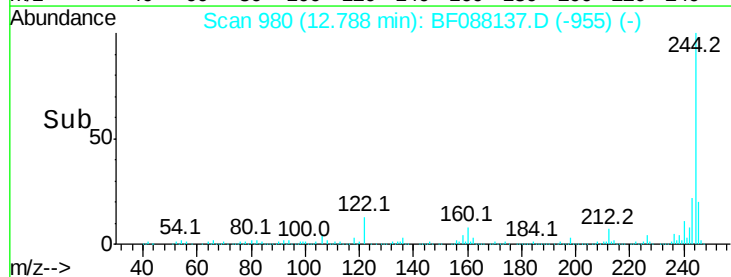
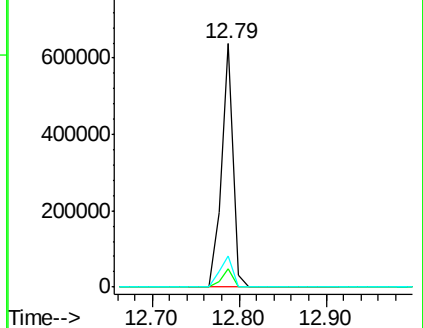
122 12.9 11.2 16.8

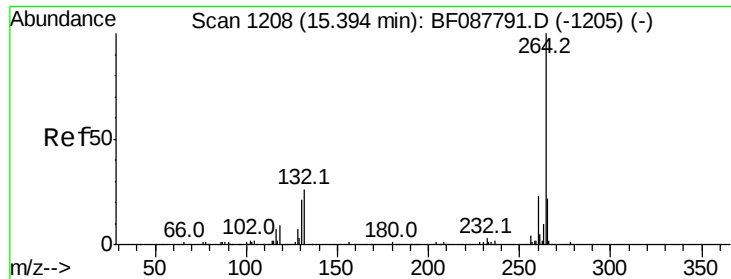


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF088137.D
 Acq: 18 Jun 2016 16:41

Instrument :
 BNA_F
 ClientSampleId :
 SB8-4-6

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.9	16.9	25.3

