

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102115\
 Data File : BF082408.D
 Acq On : 21 Oct 2015 17:06
 Operator : UM/IZ
 Sample : G4099-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20151019MGP210BRV88

Quant Time: Oct 22 09:58:40 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 21 13:20:24 2015
 Response via : Initial Calibration

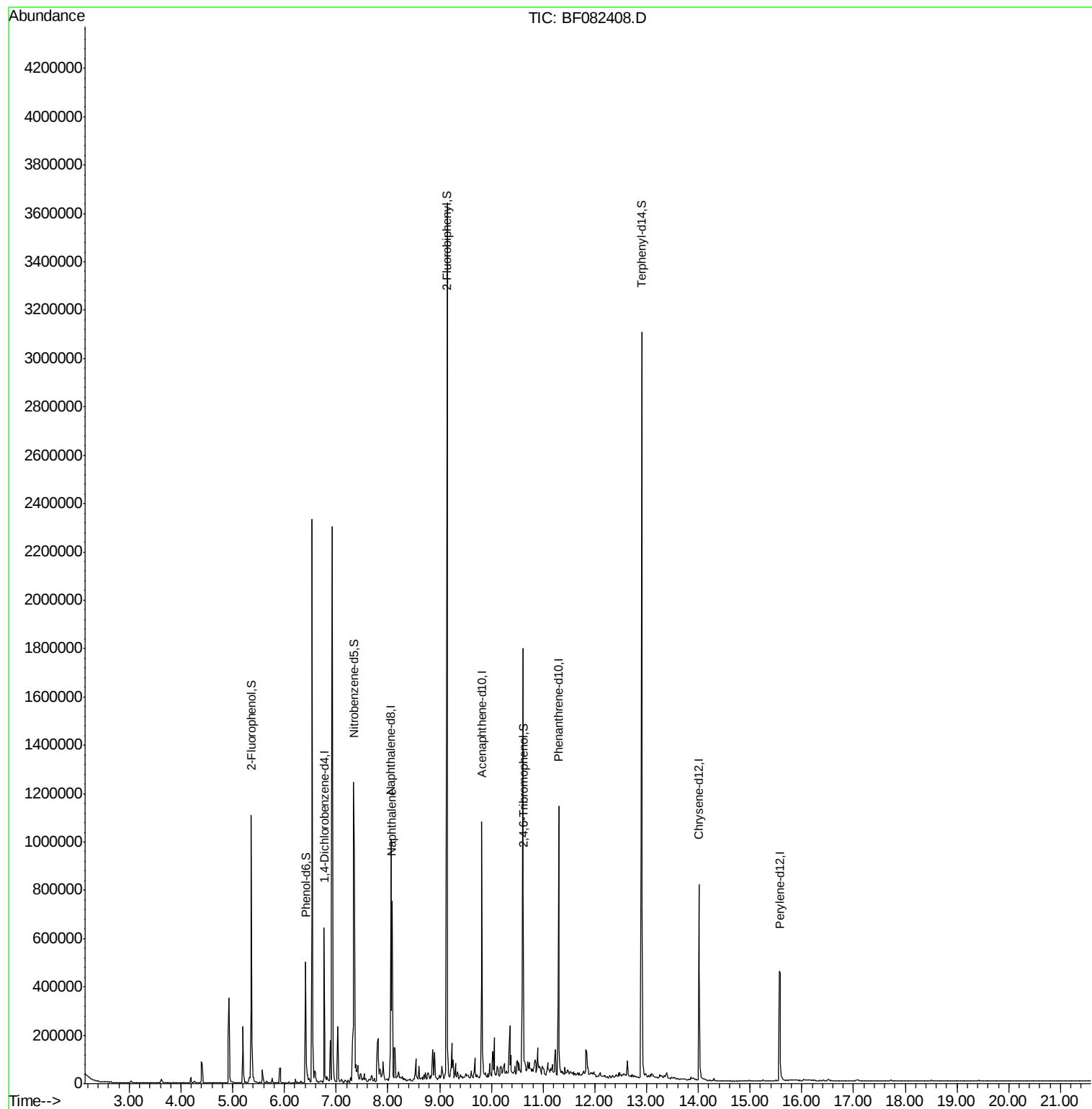
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	109495	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	431611	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	229437	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	450344	20.00	ng	0.00
75) Chrysene-d12	14.01	240	372451	20.00	ng	0.00
86) Perylene-d12	15.58	264	284479	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	341177	62.89	ng	0.00
7) Phenol-d6	6.41	99	267746	37.92	ng	-0.01
23) Nitrobenzene-d5	7.34	82	578317	89.98	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	237061	110.17	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1266321	91.53	ng	0.00
78) Terphenyl-d14	12.90	244	1118608	79.59	ng	0.00
Target Compounds						
31) Naphthalene	8.08	128	332860	17.79	ng	Qvalue 99

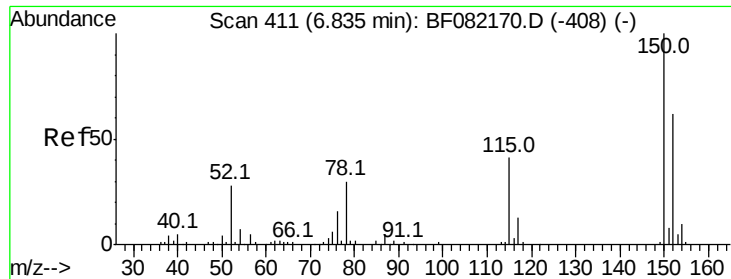
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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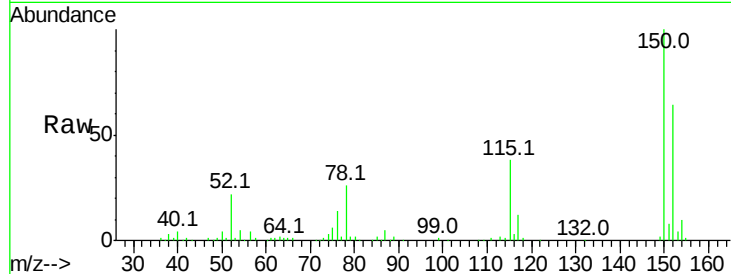


#1

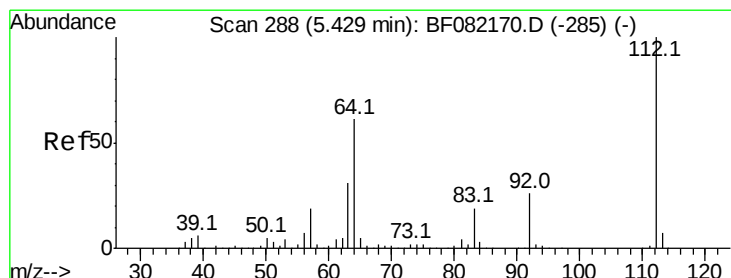
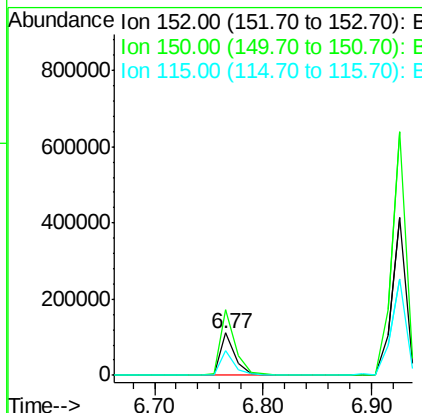
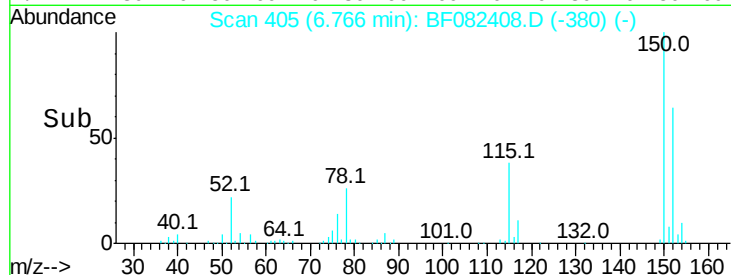
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.77 min Scan# 405
 Delta R.T. -0.01 min
 Lab File: BF082408.D
 Acq: 21 Oct 2015 17:06

Instrument :
 BNA_F
 ClientSampleId :
 20151019MGP210BRV88

Tot Ion:152 Resp: 109495
 Ion Ratio Lower Upper
 152 100
 150 157.3 129.0 193.4
 115 60.0 52.1 78.1



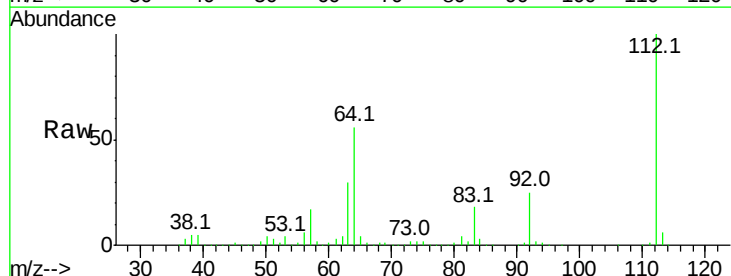
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



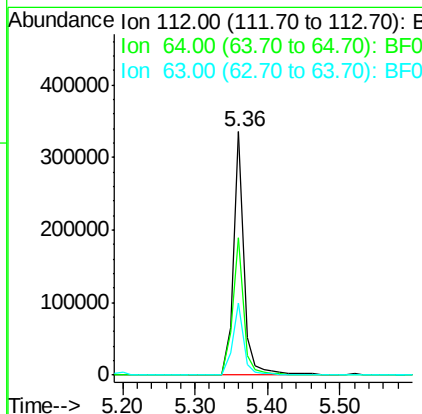
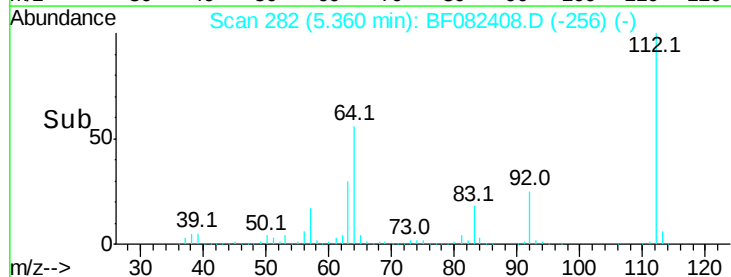
#5

2-Fluorophenol
 Concen: 62.89 ng
 RT: 5.36 min Scan# 282
 Delta R.T. -0.00 min
 Lab File: BF082408.D
 Acq: 21 Oct 2015 17:06

Tgt Ion:112 Resp: 341177
 Ion Ratio Lower Upper
 112 100
 64 56.5 48.6 73.0
 63 29.6 25.1 37.7



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: 37.92 ng

RT: 6.41 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF082408.D

Acq: 21 Oct 2015 17:06

Instrument :

BNA_F

ClientSampleId :

20151019MGP210BRV88

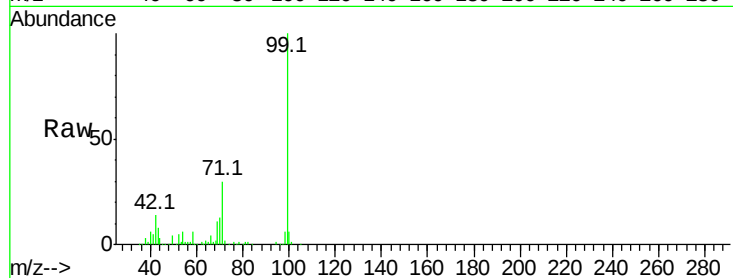
Tot Ion: 99 Resp: 267746

Ion Ratio Lower Upper

99 100

42 13.8 13.2 19.8

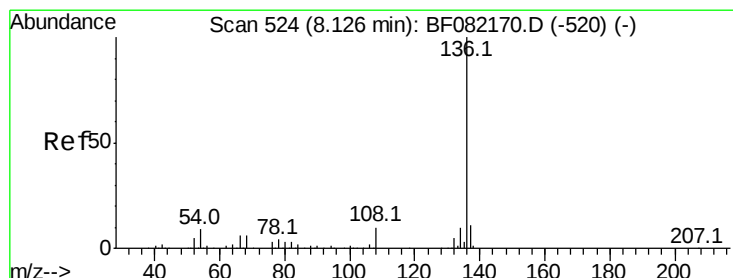
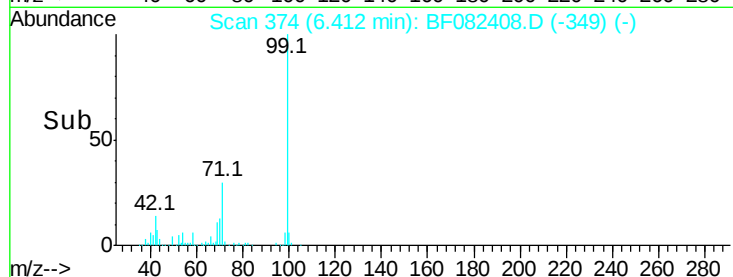
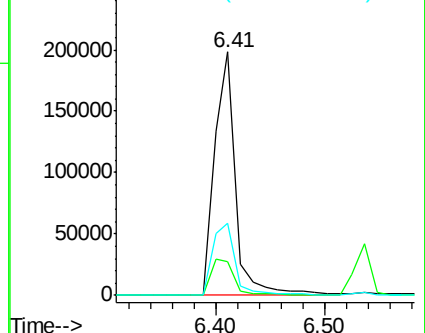
71 29.7 25.6 38.4



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: 8.06 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF082408.D

Acq: 21 Oct 2015 17:06

Tgt Ion: 136 Resp: 431611

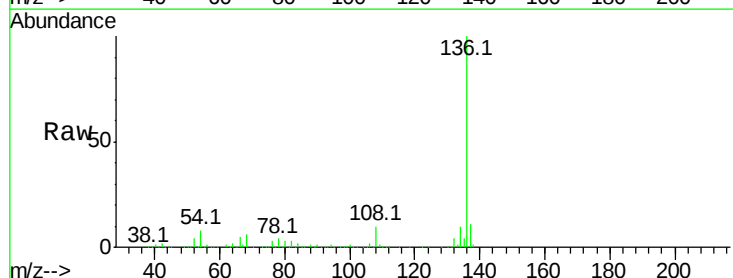
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 8.3 7.5 11.3

68 5.6 4.6 7.0

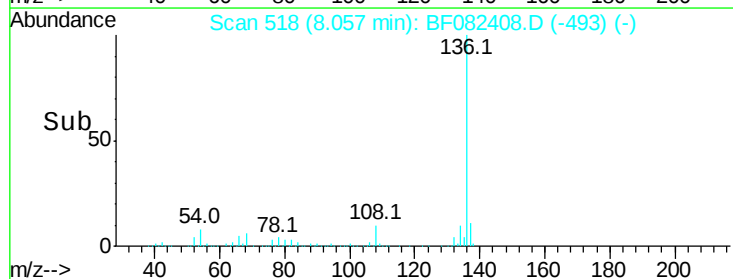
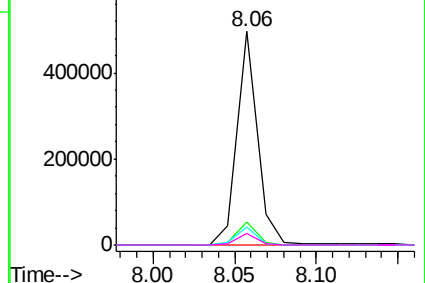


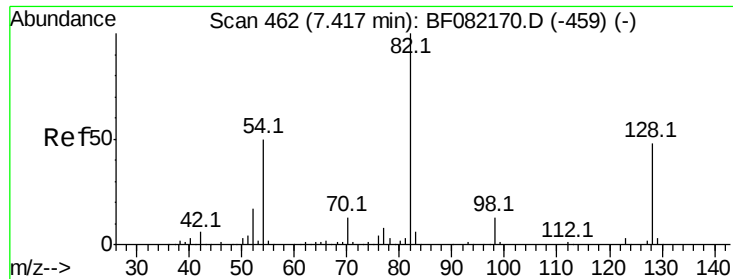
Abundance Ion 136.00 (135.70 to 136.70): E

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

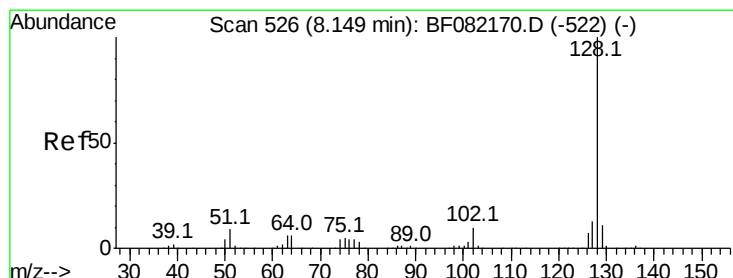
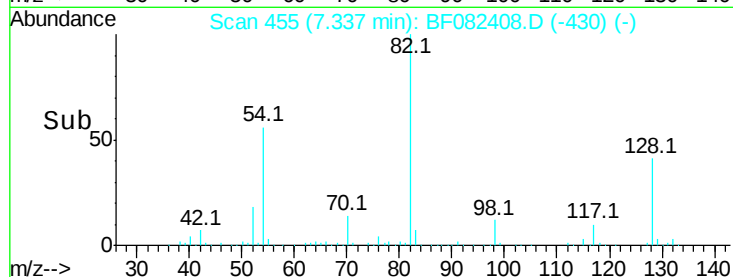
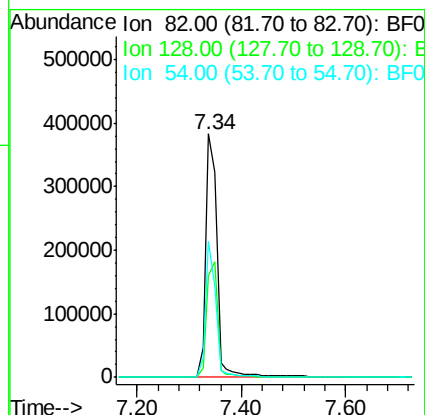
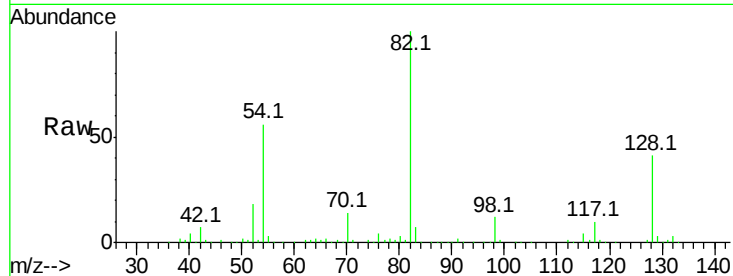




#23
Nitrobenzene-d5
Concen: 89.98 ng
RT: 7.34 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF082408.D
Acq: 21 Oct 2015 17:06

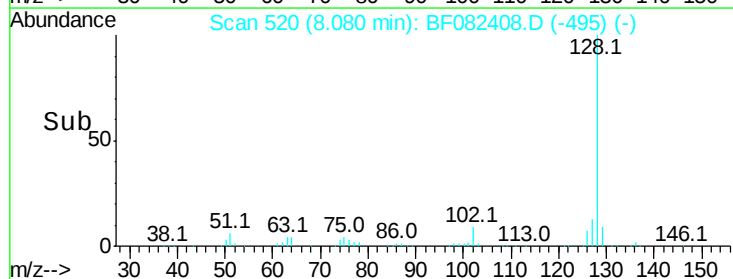
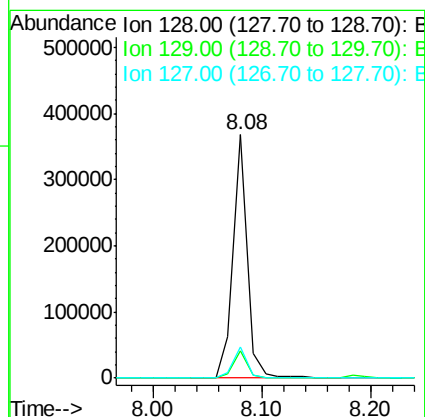
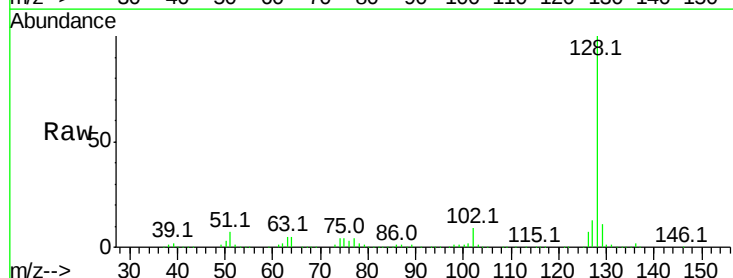
Instrument :
BNA_F
ClientSampleId :
20151019MGP210BRV88

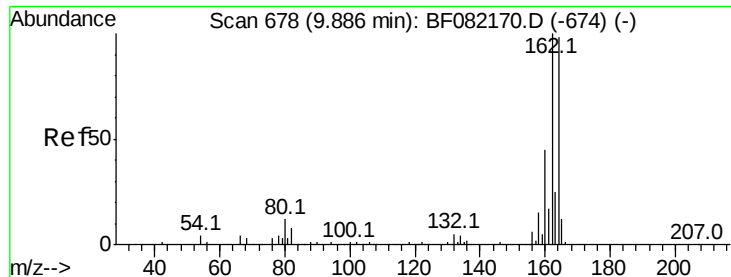
Tot Ion: 82 Resp: 578317
Ion Ratio Lower Upper
82 100
128 41.4 38.7 58.1
54 56.0 40.1 60.1



#31
Naphthalene
Concen: 17.79 ng
RT: 8.08 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF082408.D
Acq: 21 Oct 2015 17:06

Tgt Ion: 128 Resp: 332860
Ion Ratio Lower Upper
128 100
129 11.1 9.1 13.7
127 13.0 10.7 16.1





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.82 min Scan# 672

Delta R.T. -0.00 min

Lab File: BF082408.D

Acq: 21 Oct 2015 17:06

Instrument :

BNA_F

ClientSampleId :

20151019MGP210BRV88

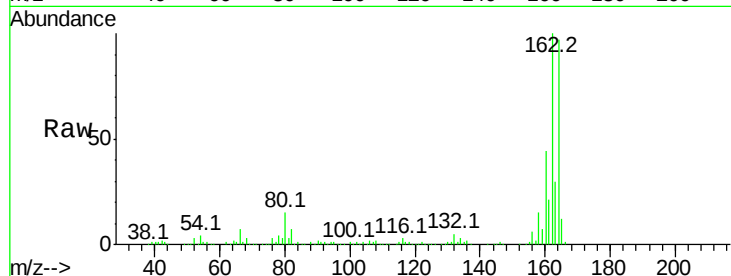
Tot Ion:164 Resp: 229437

Ion Ratio Lower Upper

164 100

162 103.0 81.6 122.4

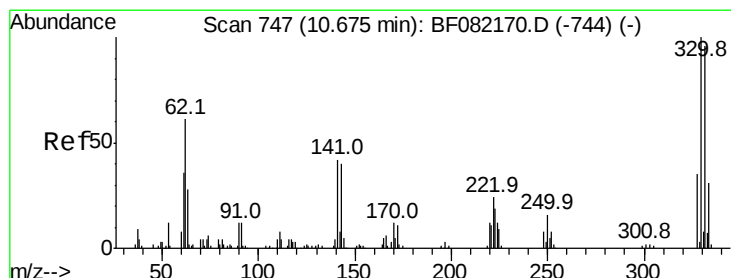
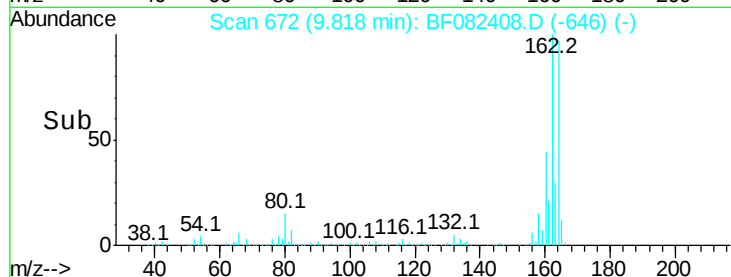
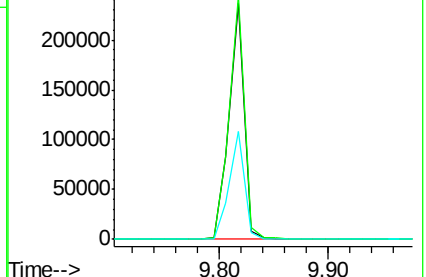
160 45.8 36.4 54.6



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: 110.17 ng

RT: 10.62 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF082408.D

Acq: 21 Oct 2015 17:06

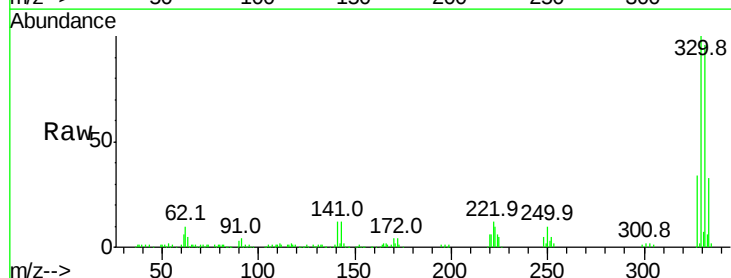
Tgt Ion:330 Resp: 237061

Ion Ratio Lower Upper

330 100

332 97.0 77.1 115.7

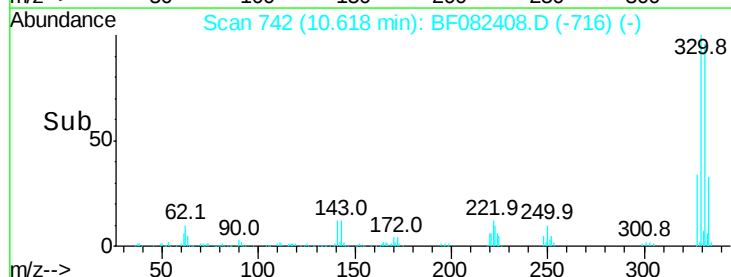
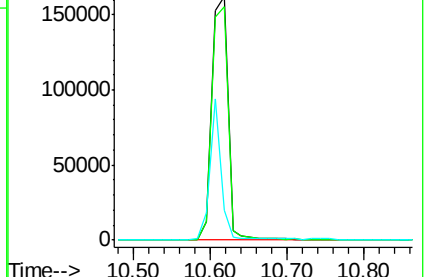
141 40.3 29.8 44.8

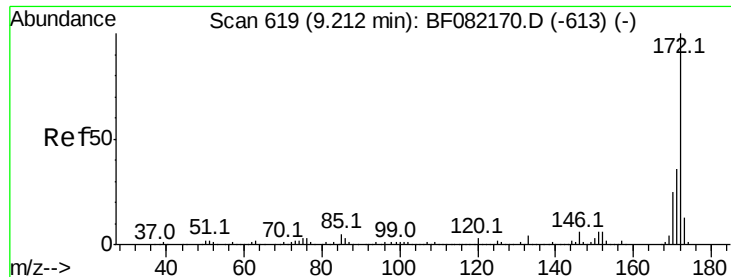


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



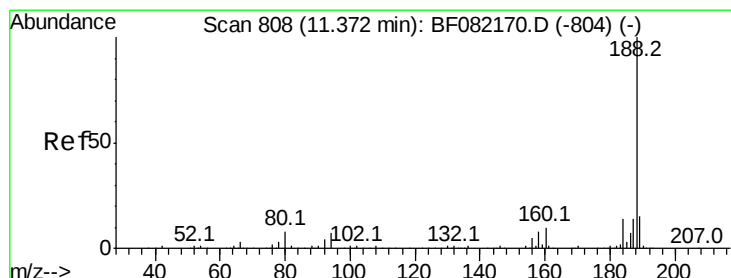
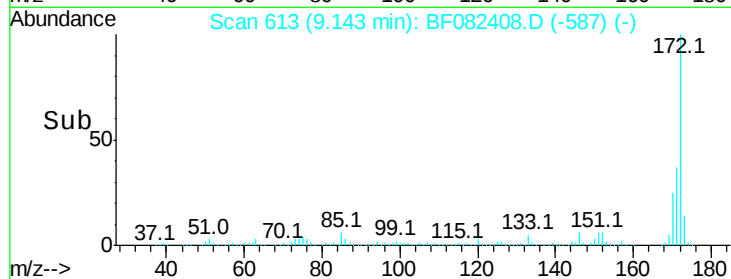
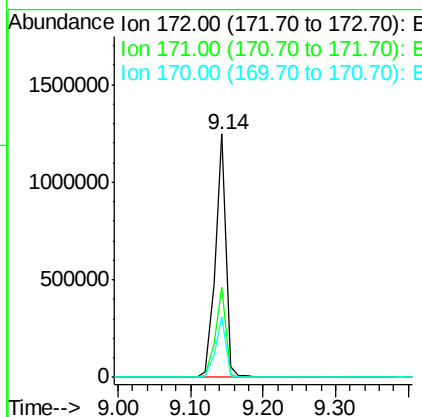
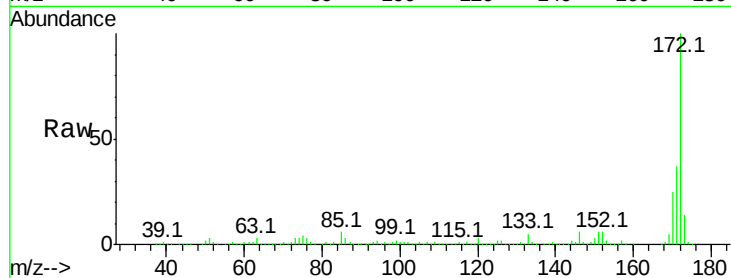


#44
 2-Fluorobiphenyl
 Concen: 91.53 ng
 RT: 9.14 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF082408.D
 Acq: 21 Oct 2015 17:06

Instrument :
 BNA_F
 ClientSampleId :
 20151019MGP210BRV88

Tot Ion:172 Resp: 1266321

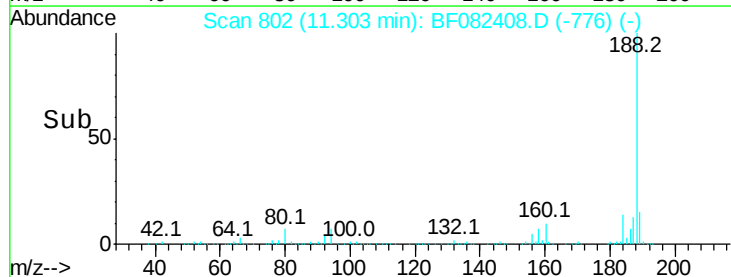
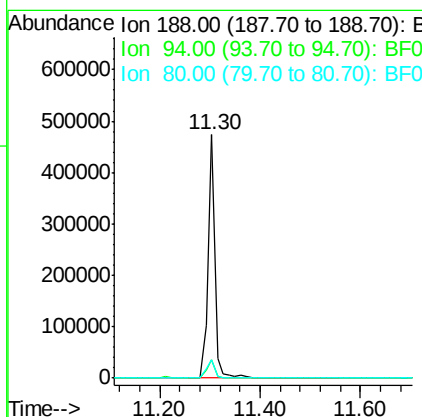
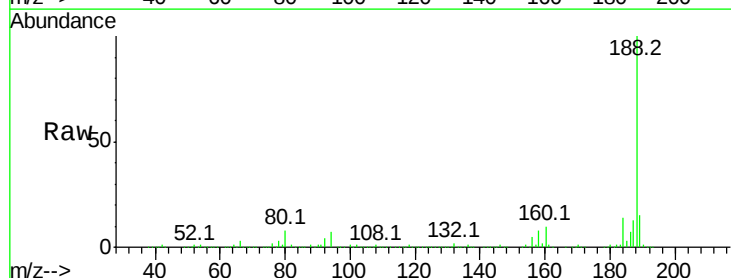
Ion	Ratio	Lower	Upper
172	100		
171	36.9	28.6	42.8
170	25.0	19.7	29.5

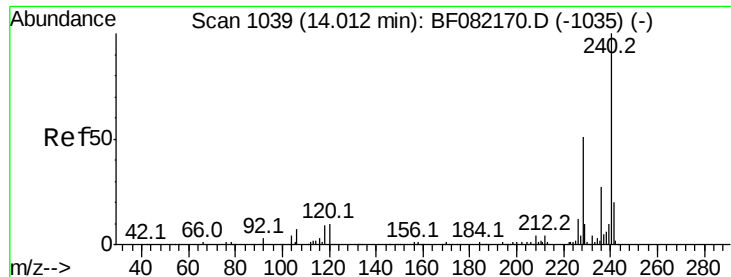


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF082408.D
 Acq: 21 Oct 2015 17:06

Tgt Ion:188 Resp: 450344

Ion	Ratio	Lower	Upper
188	100		
94	7.3	5.8	8.6
80	7.8	6.4	9.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF082408.D

Acq: 21 Oct 2015 17:06

Instrument :

BNA_F

ClientSampleId :

20151019MGP210BRV88

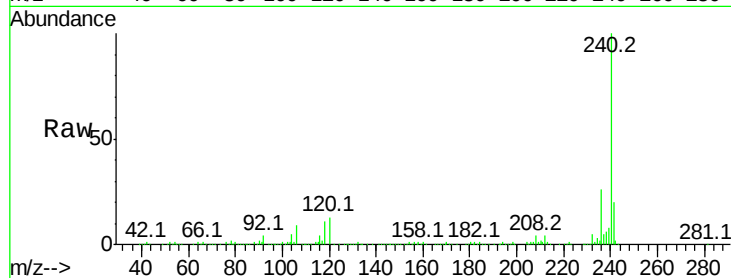
Tot Ion:240 Resp: 372451

Ion Ratio Lower Upper

240 100

120 13.2 8.1 12.1#

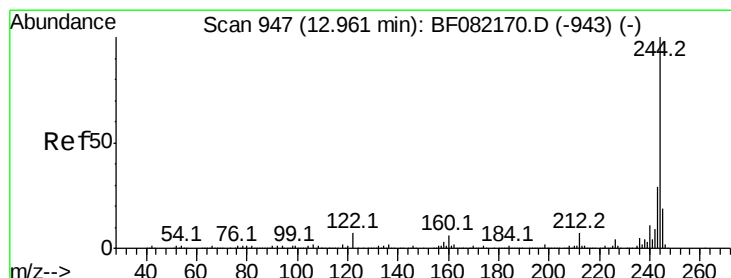
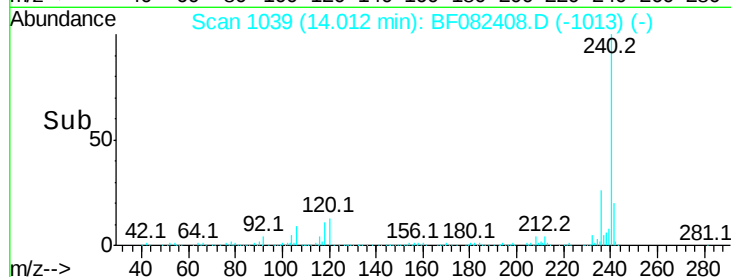
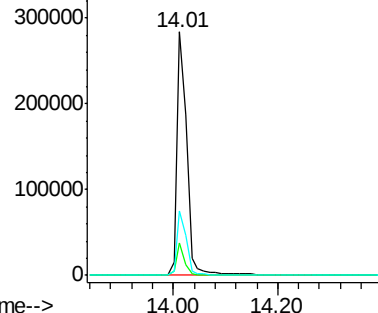
236 26.2 21.3 31.9



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: 79.59 ng

RT: 12.90 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF082408.D

Acq: 21 Oct 2015 17:06

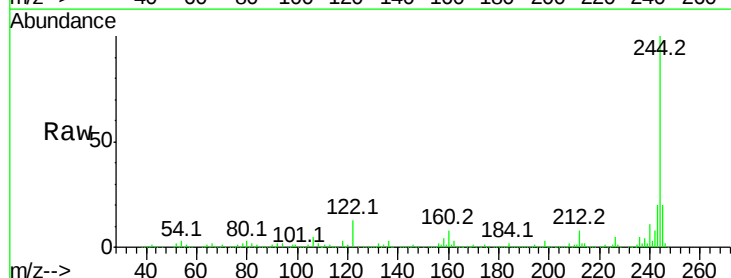
Tgt Ion:244 Resp: 1118608

Ion Ratio Lower Upper

244 100

212 8.3 5.8 8.6

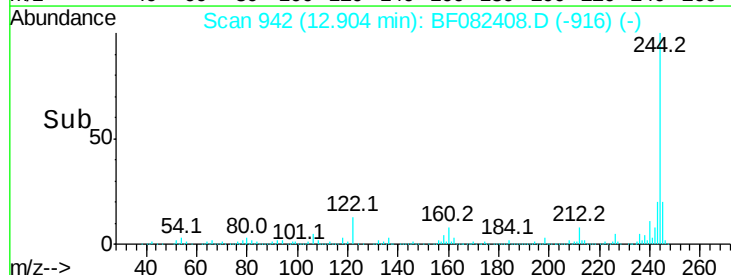
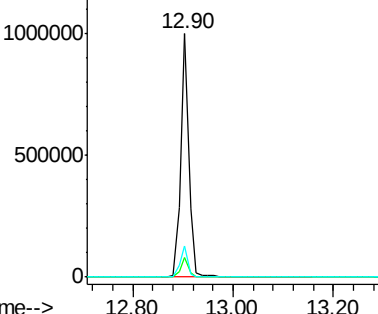
122 12.6 5.9 8.9#

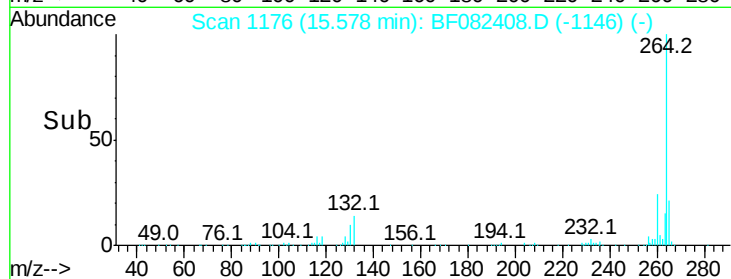
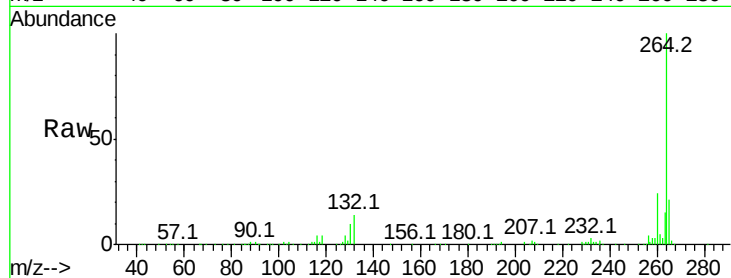
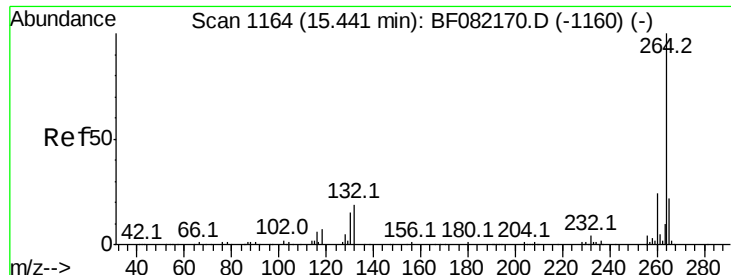


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.58 min Scan# 1176
 Delta R.T. 0.05 min
 Lab File: BF082408.D
 Acq: 21 Oct 2015 17:06

Instrument :
 BNA_F
 ClientSampleId :
 20151019MGP210BRV88

Tot Ion:	264	Resp:	284479
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.0	28.6
265	21.1	17.3	25.9

