

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061816\
 Data File : BF088145.D
 Acq On : 18 Jun 2016 20:33
 Operator : UM/SJ
 Sample : H3580-09
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 08-B4(6-12)C

Quant Time: Jun 20 05:49:11 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

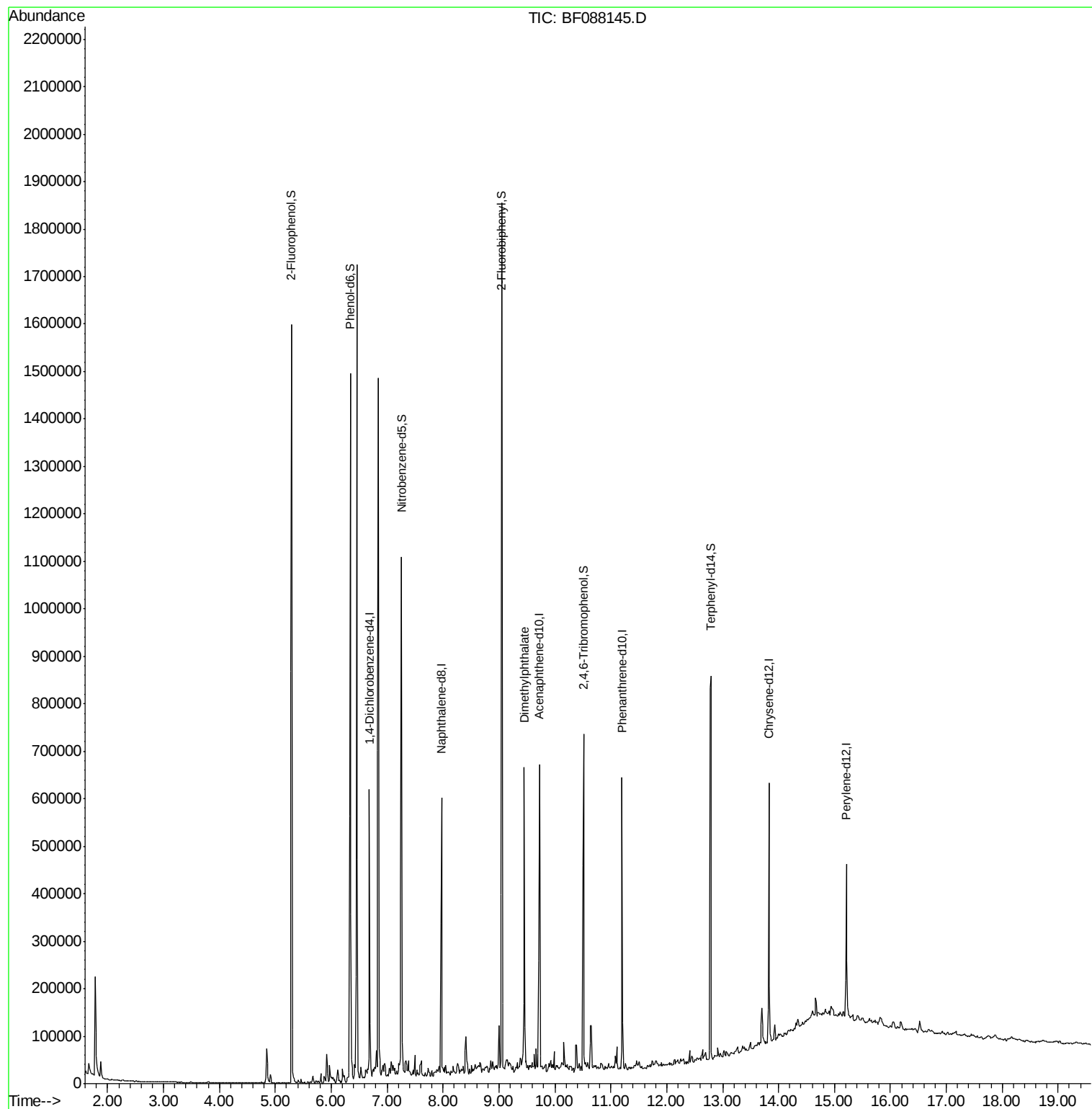
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	88645	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	319802	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	131269	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	208018	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	170314	20.00	ng	-0.02
86) Perylene-d12	15.21	264	130810	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	565373	109.03	ng	0.01
7) Phenol-d6	6.34	99	592182	94.23	ng	-0.01
23) Nitrobenzene-d5	7.26	82	375334	68.53	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	104741	75.57	ng	-0.01
44) 2-Fluorobiphenyl	9.05	172	556386	65.30	ng	-0.02
78) Terphenyl-d14	12.79	244	373285	49.87	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.45	163	239370	25.17	ng	99

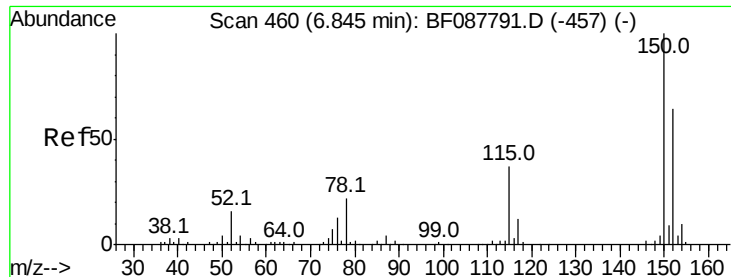
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF088145.D

Acq: 18 Jun 2016 20:33

Instrument :

BNA_F

ClientSampleId :

08-B4(6-12)C

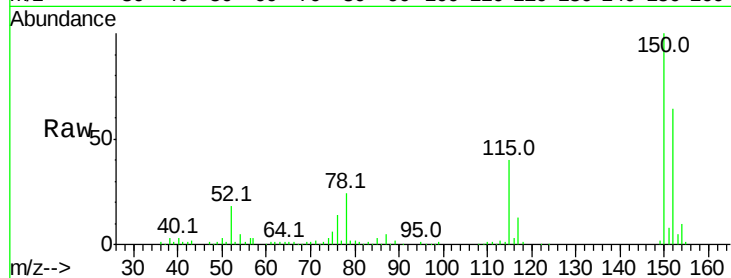
Tot Ion:152 Resp: 88645

Ion Ratio Lower Upper

152 100

150 156.8 123.8 185.6

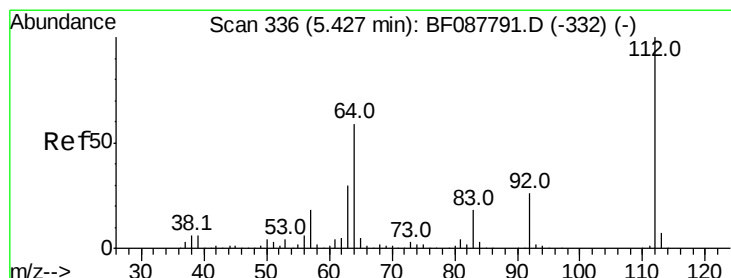
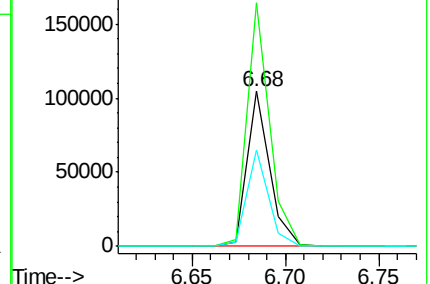
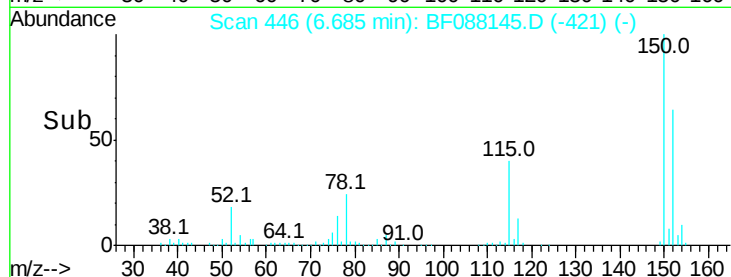
115 62.0 39.6 59.4#



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: 109.03 ng

RT: 5.29 min Scan# 324

Delta R.T. 0.01 min

Lab File: BF088145.D

Acq: 18 Jun 2016 20:33

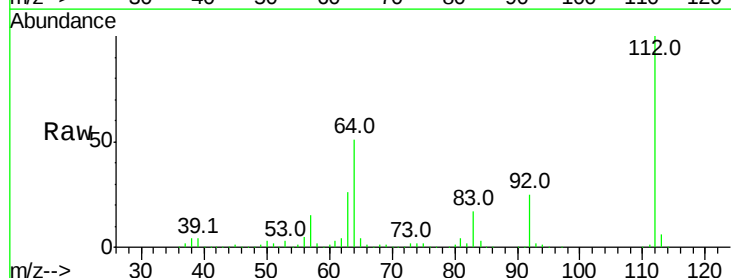
Tgt Ion:112 Resp: 565373

Ion Ratio Lower Upper

112 100

64 50.6 42.2 63.2

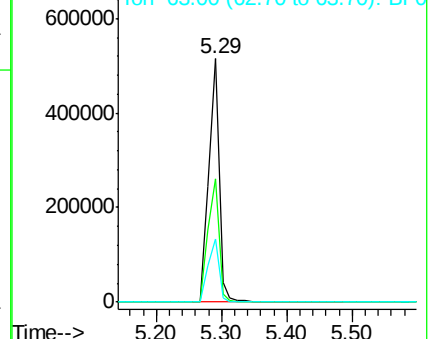
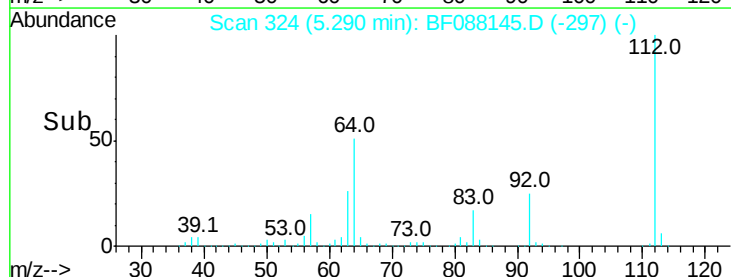
63 25.8 21.8 32.8



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: 94.23 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF088145.D

Acq: 18 Jun 2016 20:33

Instrument :

BNA_F

ClientSampleId :

08-B4(6-12)C

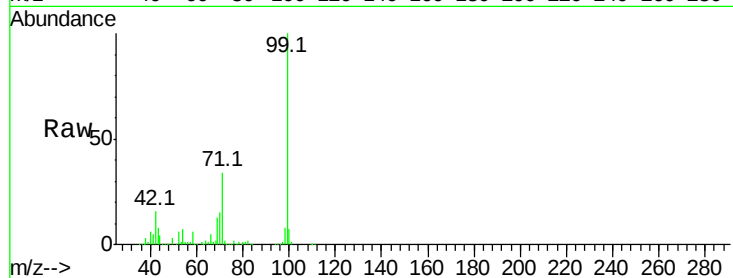
Tot Ion: 99 Resp: 592182

Ion Ratio Lower Upper

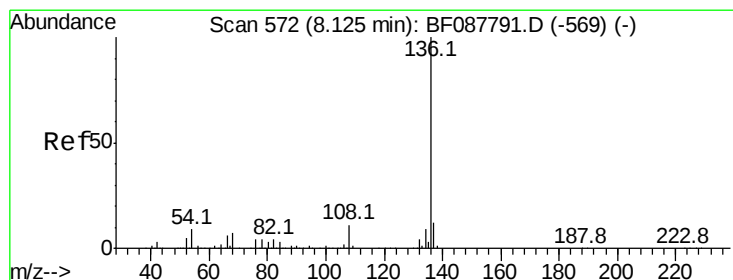
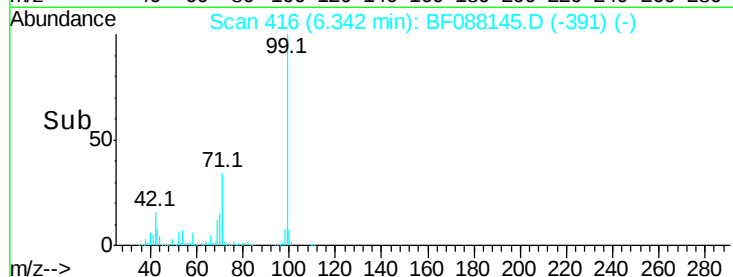
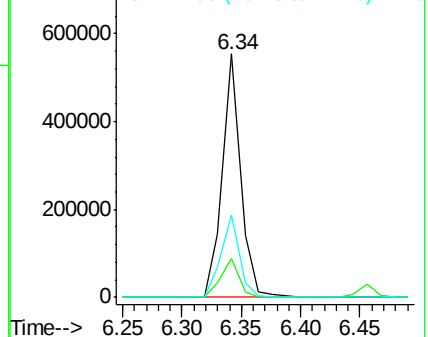
99 100

42 15.9 12.2 18.2

71 33.8 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: BF088145.D

Acq: 18 Jun 2016 20:33

Tgt Ion: 136 Resp: 319802

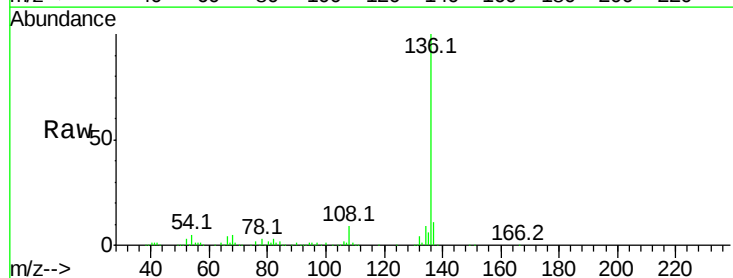
Ion Ratio Lower Upper

136 100

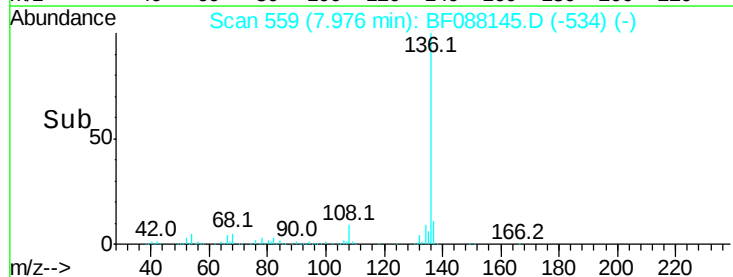
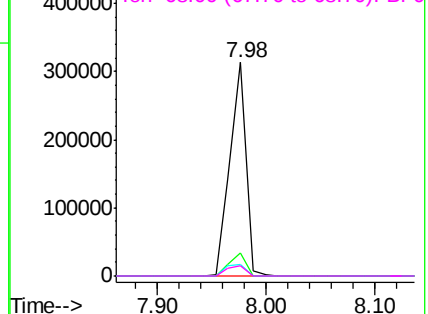
137 10.6 9.1 13.7

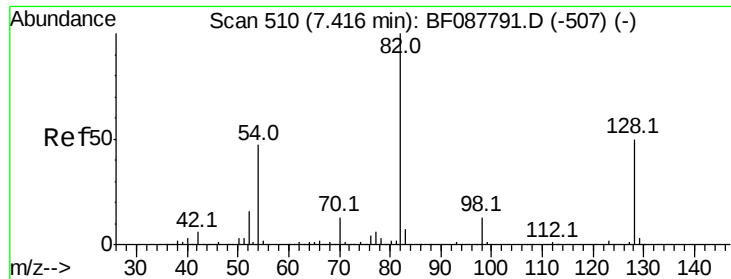
54 5.2 6.6 10.0#

68 4.6 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

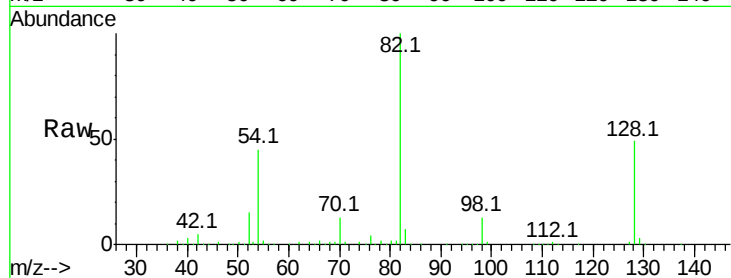




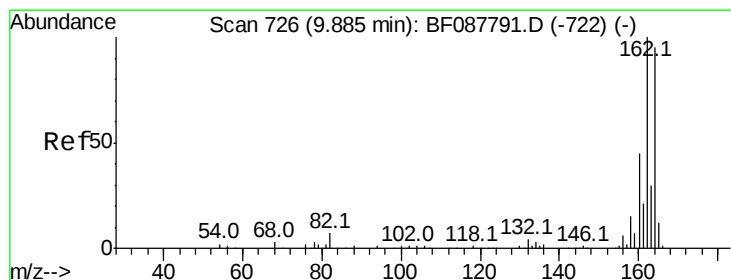
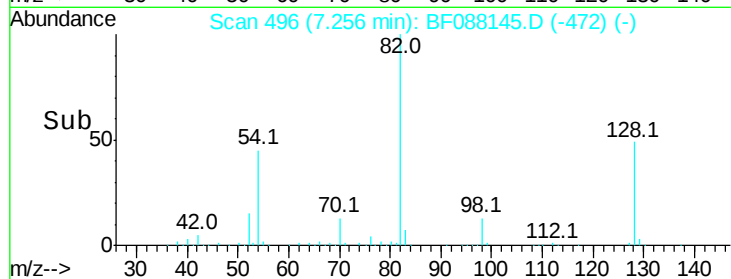
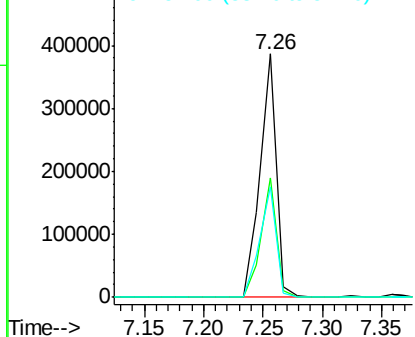
#23
 Nitrobenzene-d5
 Concen: 68.53 ng
 RT: 7.26 min Scan# 496
 Delta R.T. -0.02 min
 Lab File: BF088145.D
 Acq: 18 Jun 2016 20:33

Instrument :
 BNA_F
 ClientSampleId :
 08-B4(6-12)C

Tot Ion	82	Resp	375334
Ion Ratio	100	Lower	Upper
128	49.0	35.9	53.9
54	45.4	40.9	61.3

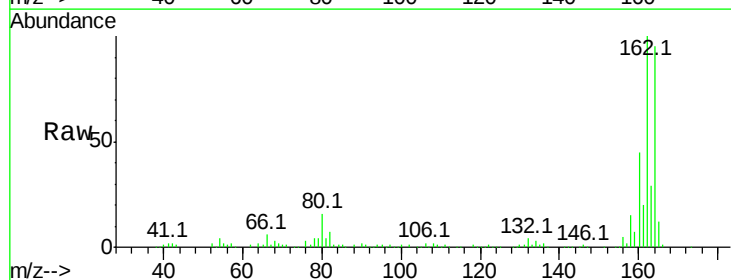


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

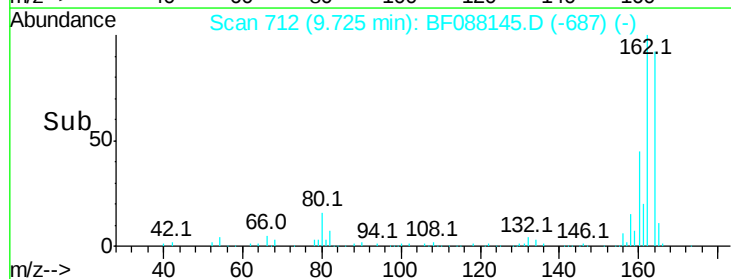
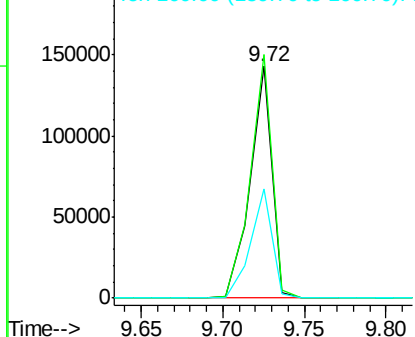


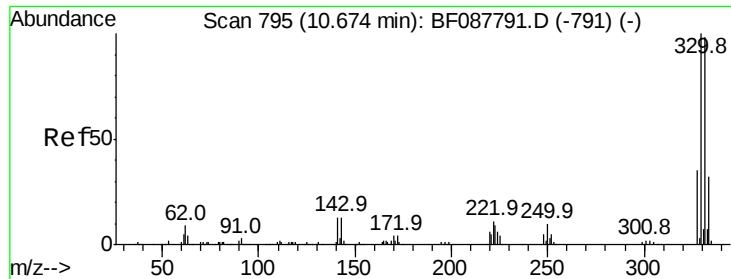
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: BF088145.D
 Acq: 18 Jun 2016 20:33

Tgt Ion	164	Resp	131269
Ion Ratio	100	Lower	Upper
162	105.0	85.4	128.2
160	47.2	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

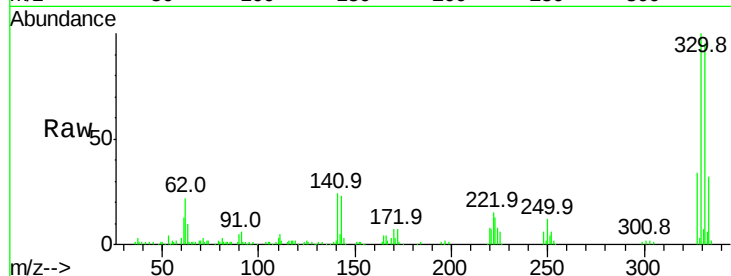




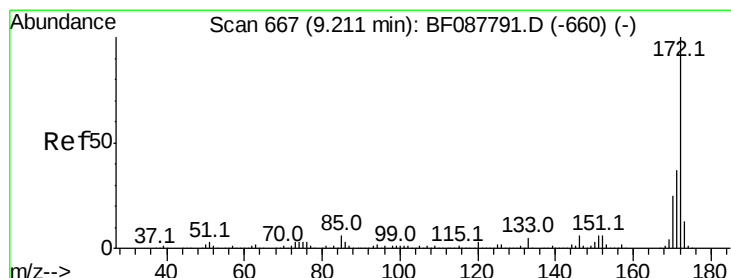
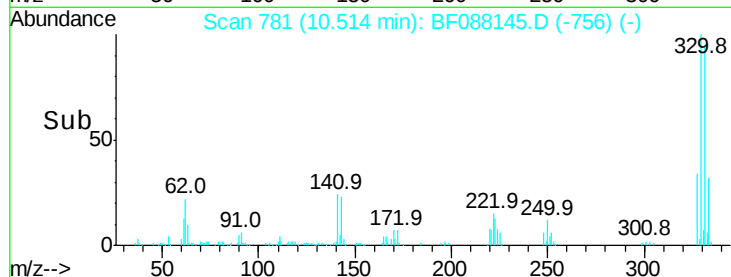
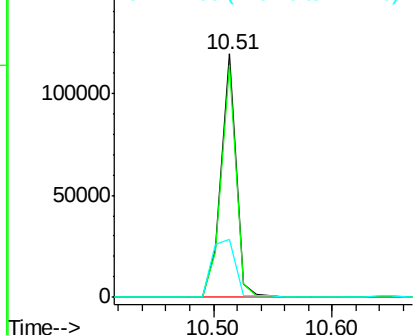
#41
 2,4,6-Tribromophenol
 Concen: 75.57 ng
 RT: 10.51 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: BF088145.D
 Acq: 18 Jun 2016 20:33

Instrument :
 BNA_F
 ClientSampleId :
 08-B4(6-12)C

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	0.0	0.0#
141	38.4	0.0	0.0#

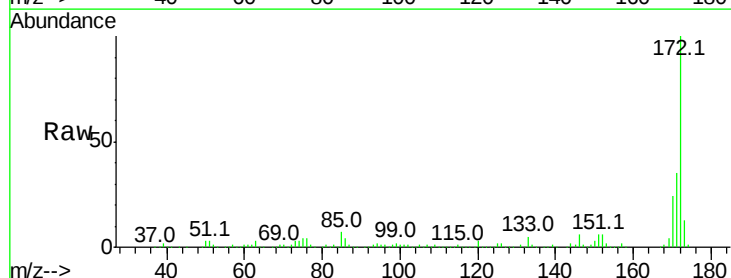


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

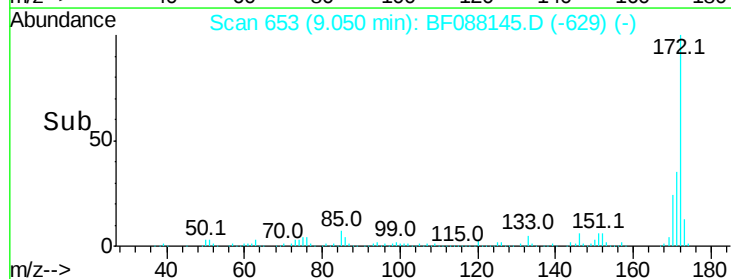
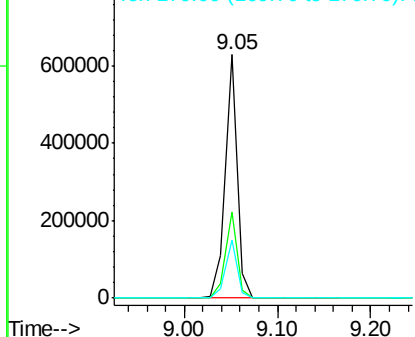


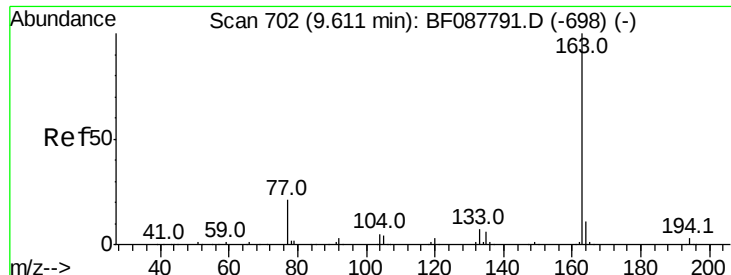
#44
 2-Fluorobiphenyl
 Concen: 65.30 ng
 RT: 9.05 min Scan# 653
 Delta R.T. -0.02 min
 Lab File: BF088145.D
 Acq: 18 Jun 2016 20:33

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

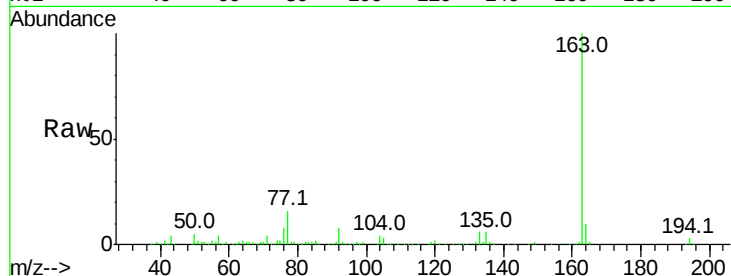




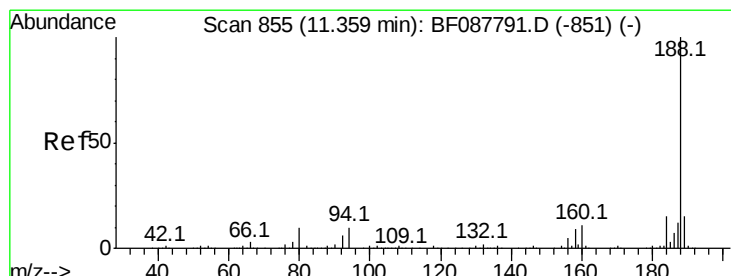
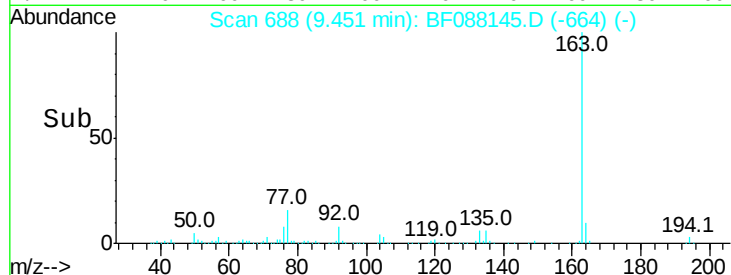
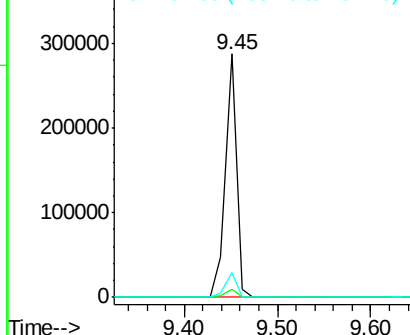
#49
Dimethylphthalate
Concen: 25.17 ng
RT: 9.45 min Scan# 688
Delta R.T. -0.02 min
Lab File: BF088145.D
Acq: 18 Jun 2016 20:33

Instrument :
BNA_F
ClientSampleId :
08-B4(6-12)C

Tot Ion:163 Resp: 239370
Ion Ratio Lower Upper
163 100
194 3.3 2.8 4.2
164 10.0 8.3 12.5

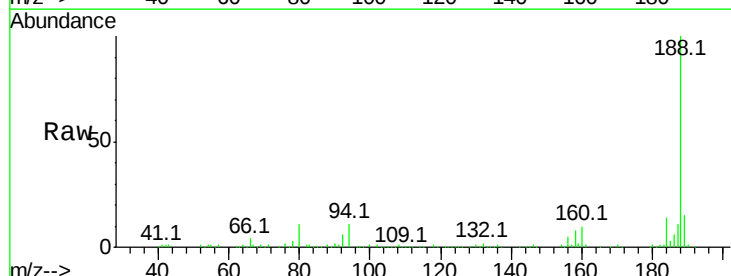


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

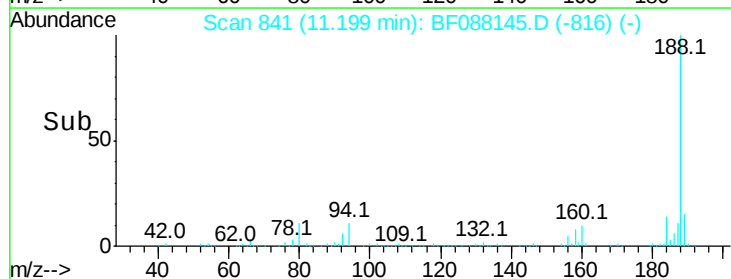
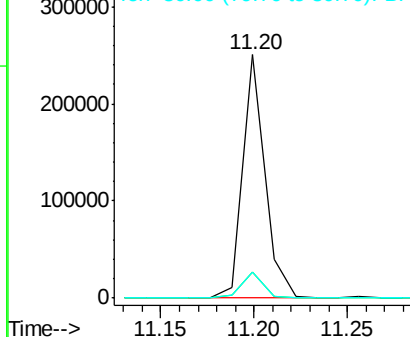


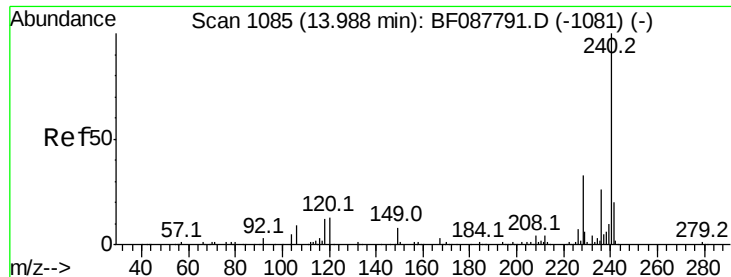
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF088145.D
Acq: 18 Jun 2016 20:33

Tgt Ion:188 Resp: 208018
Ion Ratio Lower Upper
188 100
94 10.7 9.0 13.6
80 10.8 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: BF088145.D

Acq: 18 Jun 2016 20:33

Instrument :

BNA_F

ClientSampleId :

08-B4(6-12)C

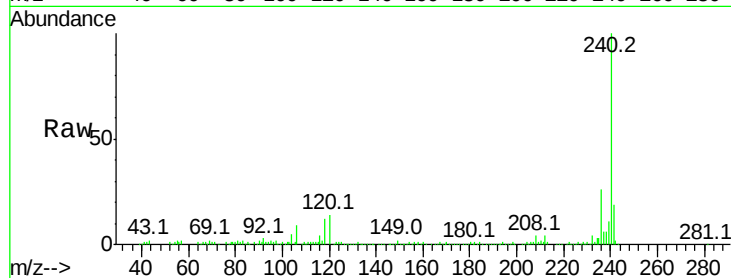
Tot Ion:240 Resp: 170314

Ion Ratio Lower Upper

240 100

120 13.7 6.8 10.2#

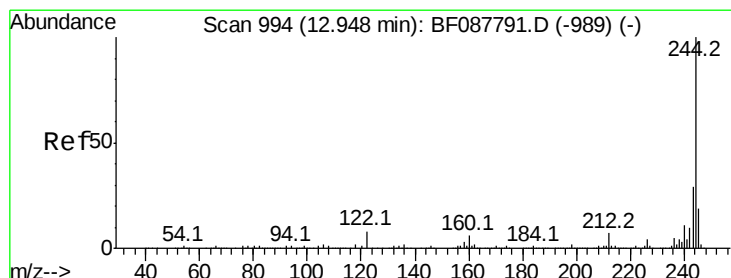
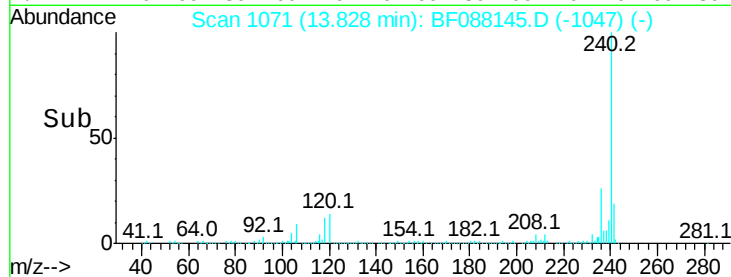
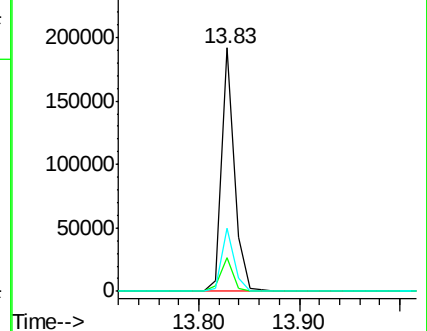
236 25.8 20.2 30.2



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: 49.87 ng

RT: 12.79 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF088145.D

Acq: 18 Jun 2016 20:33

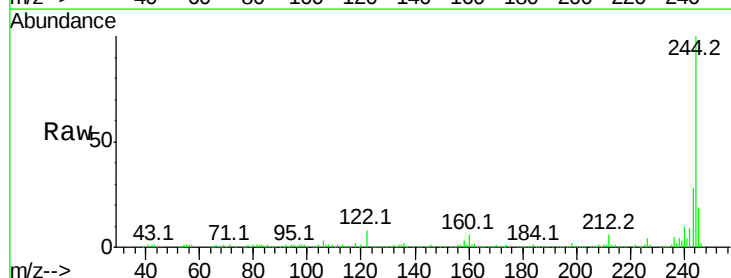
Tgt Ion:244 Resp: 373285

Ion Ratio Lower Upper

244 100

212 6.3 6.0 9.0

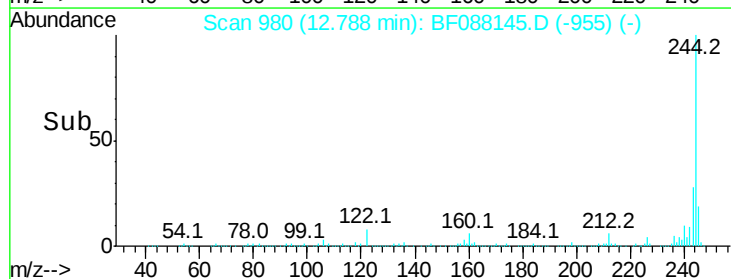
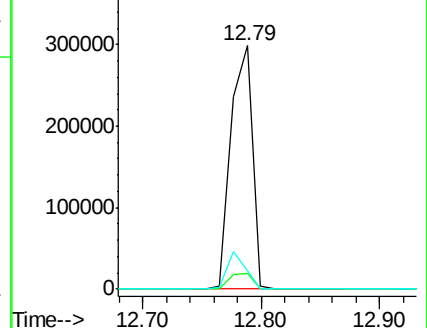
122 7.6 11.2 16.8#

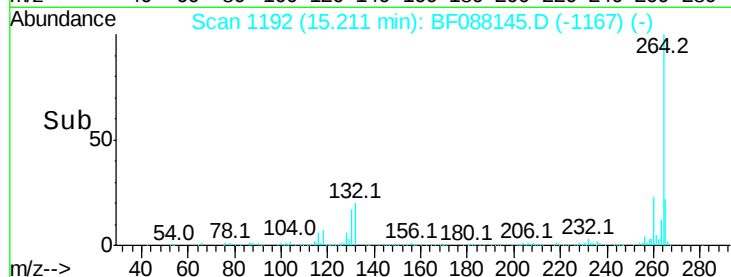
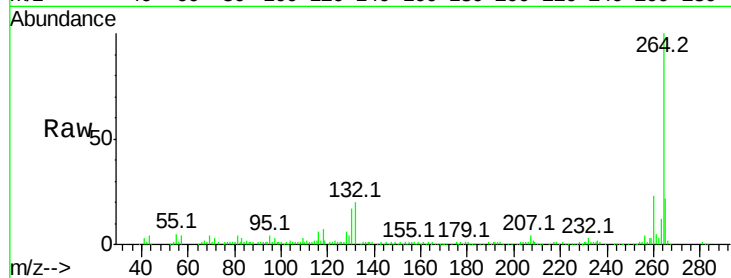
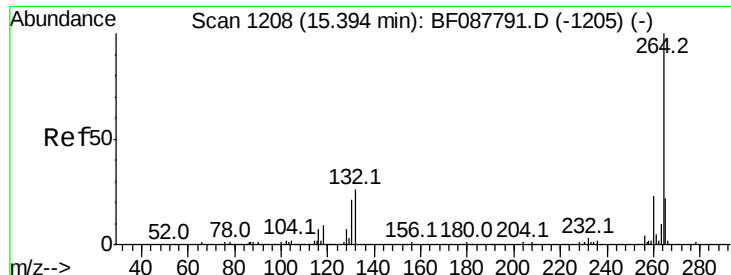


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF088145.D

Acq: 18 Jun 2016 20:33

Instrument :

BNA_F

ClientSampleId :

08-B4(6-12)C

Tot Ion:264 Resp: 130810

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 21.7 16.9 25.3

