

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061816\
 Data File : BF088154.D
 Acq On : 19 Jun 2016 1:22
 Operator : UM/SJ
 Sample : H3611-13
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-UP1-COMP

Quant Time: Jun 20 08:23:46 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

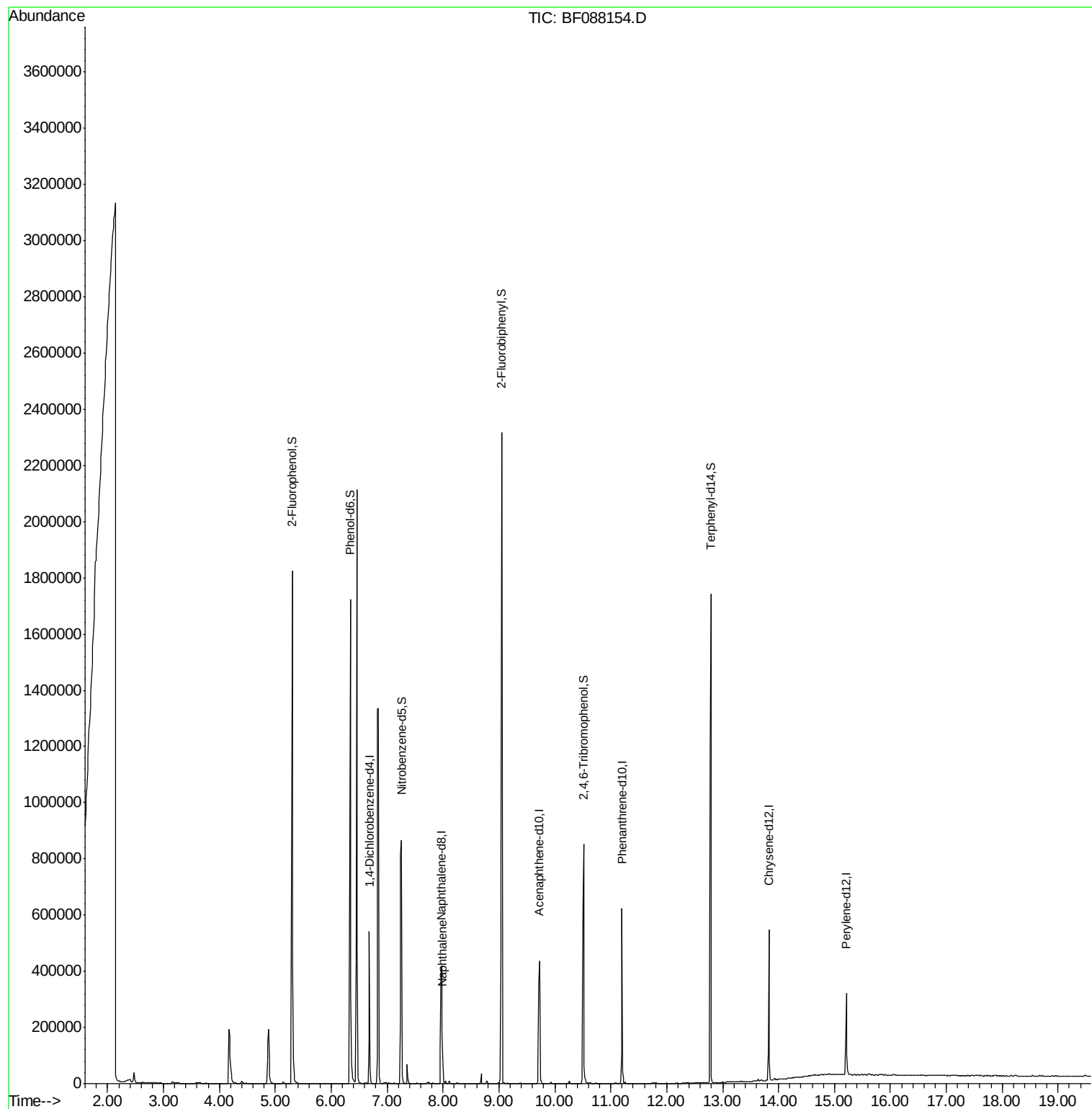
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	90411	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	326163	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	131502	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	223622	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	176552	20.00	ng	-0.02
86) Perylene-d12	15.21	264	125687	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	697260	131.84	ng	0.02
7) Phenol-d6	6.34	99	754006	117.64	ng	-0.01
23) Nitrobenzene-d5	7.26	82	478365	85.64	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	154666	111.39	ng	-0.01
44) 2-Fluorobiphenyl	9.05	172	880550	106.60	ng	-0.02
78) Terphenyl-d14	12.79	244	702836	90.59	ng	-0.01
Target Compounds						
31) Naphthalene	7.99	128	113850	7.05	ng	Qvalue 98

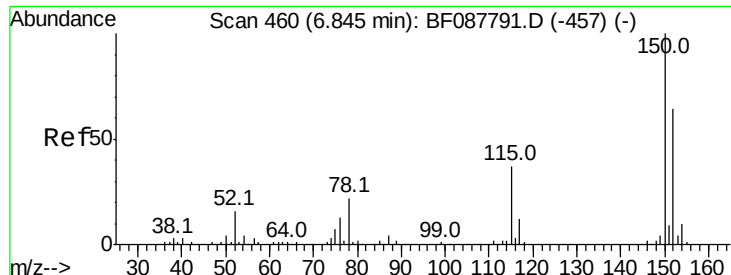
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF088154.D

Acq: 19 Jun 2016 1:22

Instrument :

BNA_F

ClientSampleId :

PL-UP1-COMP

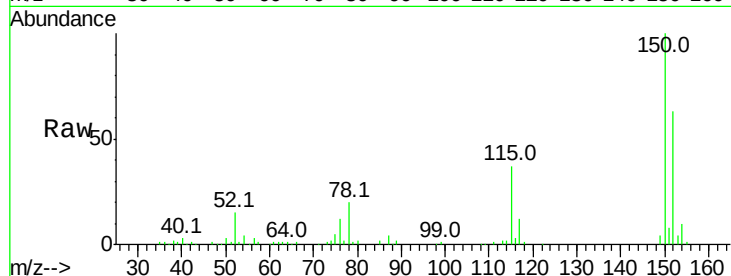
Tot Ion:152 Resp: 90411

Ion Ratio Lower Upper

152 100

150 159.0 123.8 185.6

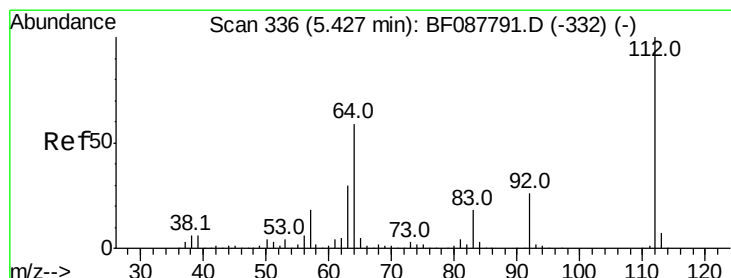
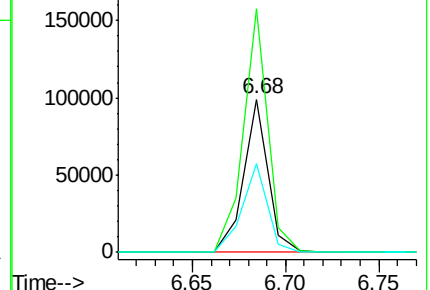
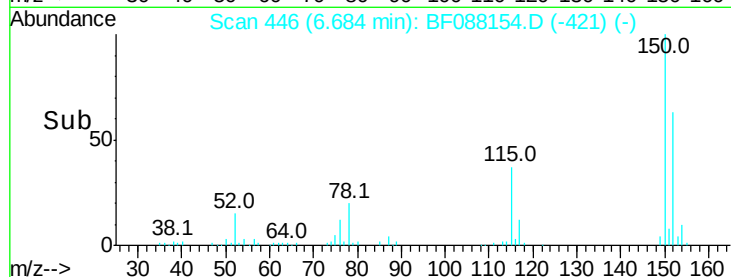
115 58.2 39.6 59.4



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: 131.84 ng

RT: 5.30 min Scan# 325

Delta R.T. 0.02 min

Lab File: BF088154.D

Acq: 19 Jun 2016 1:22

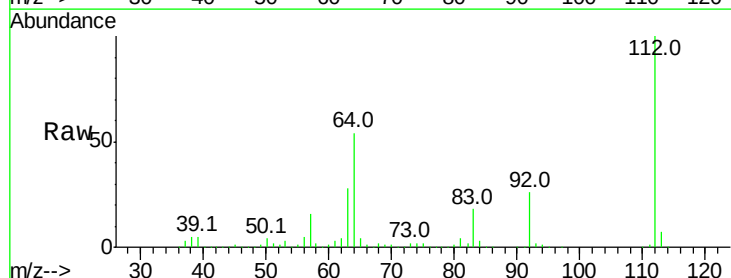
Tgt Ion:112 Resp: 697260

Ion Ratio Lower Upper

112 100

64 53.9 42.2 63.2

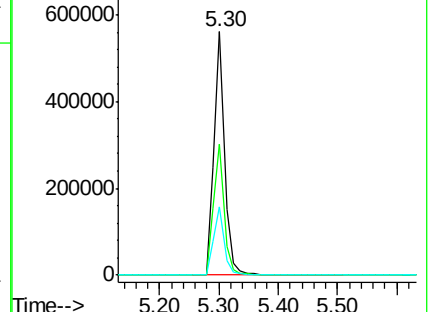
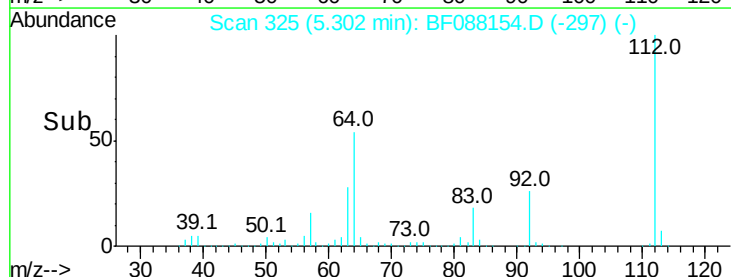
63 27.9 21.8 32.8

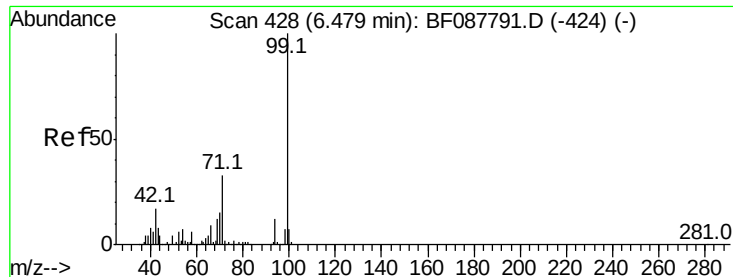


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 117.64 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF088154.D

Acq: 19 Jun 2016 1:22

Instrument :

BNA_F

ClientSampleId :

PL-UP1-COMP

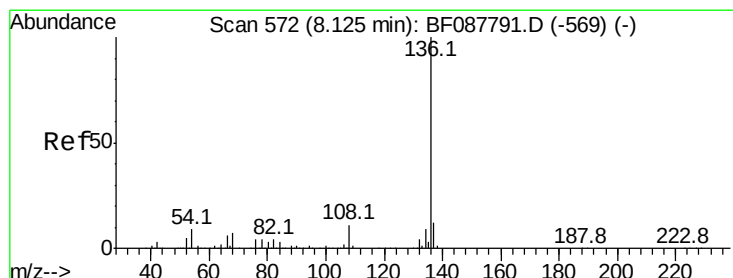
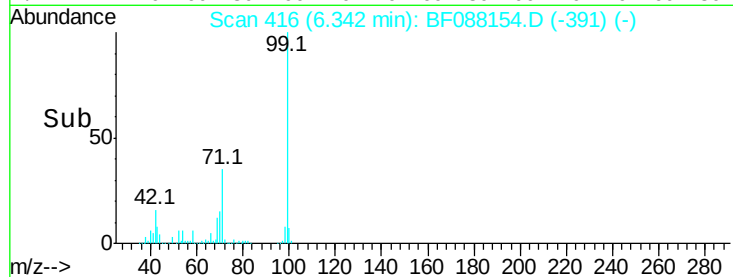
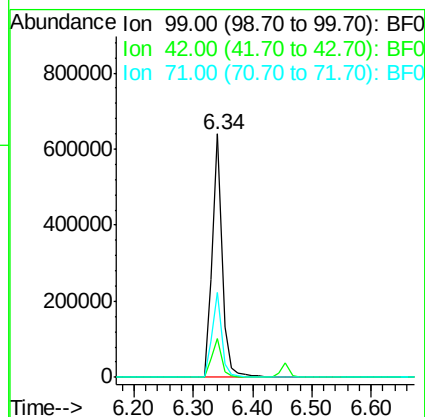
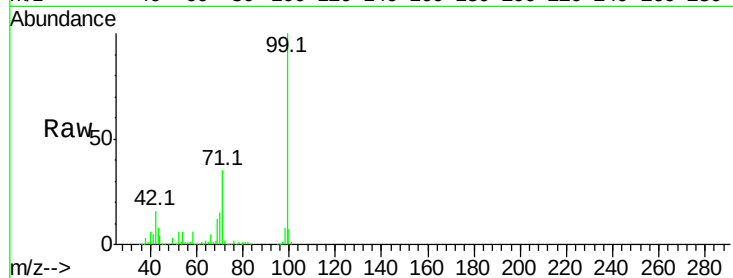
Tot Ion: 99 Resp: 754006

Ion Ratio Lower Upper

99 100

42 15.9 12.2 18.2

71 34.7 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: BF088154.D

Acq: 19 Jun 2016 1:22

Tgt Ion: 136 Resp: 326163

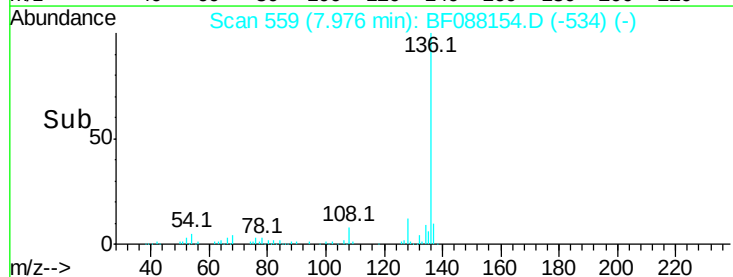
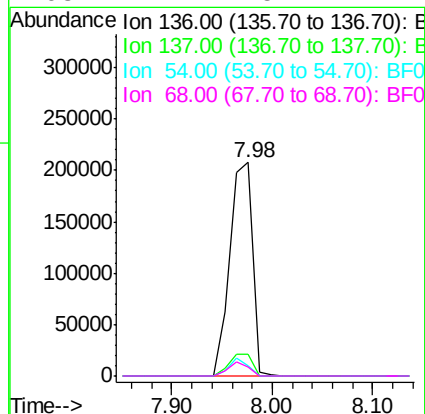
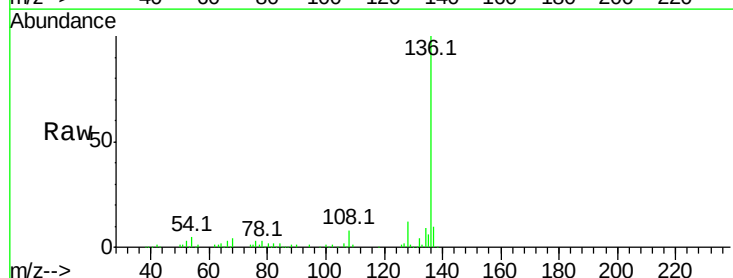
Ion Ratio Lower Upper

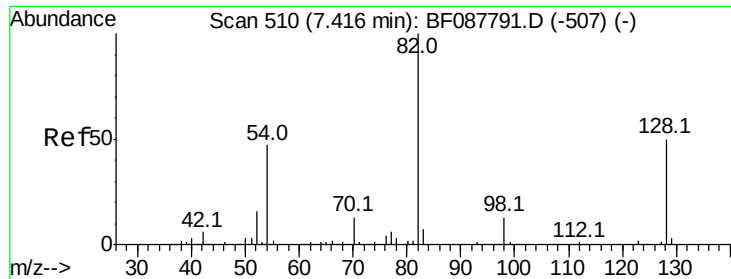
136 100

137 10.3 9.1 13.7

54 4.7 6.6 10.0#

68 4.2 5.1 7.7#

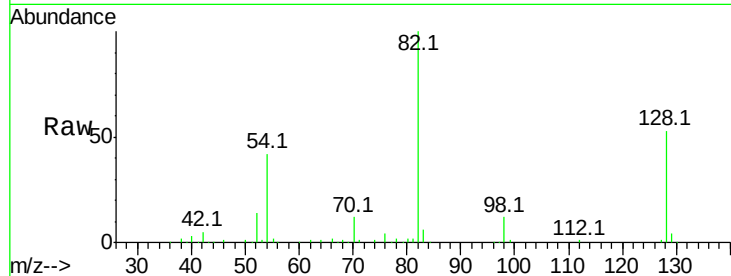




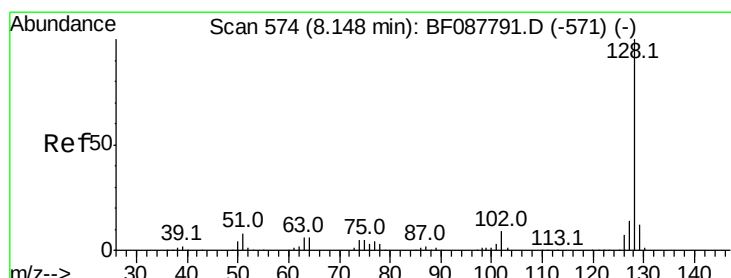
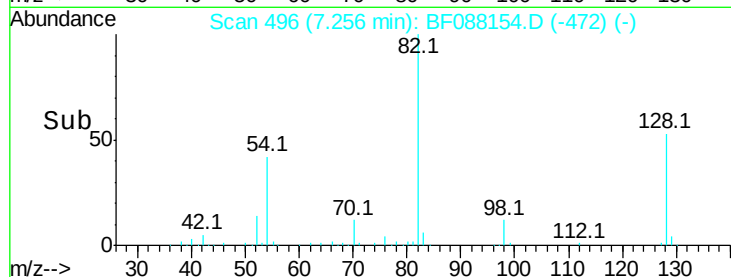
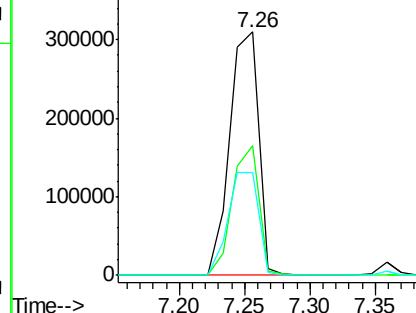
#23
Nitrobenzene-d5
Concen: 85.64 ng
RT: 7.26 min Scan# 496
Delta R.T. -0.02 min
Lab File: BF088154.D
Acq: 19 Jun 2016 1:22

Instrument :
BNA_F
ClientSampleId :
PL-UP1-COMP

Tot Ion: 82 Resp: 478365
Ion Ratio Lower Upper
82 100
128 53.2 35.9 53.9
54 42.3 40.9 61.3

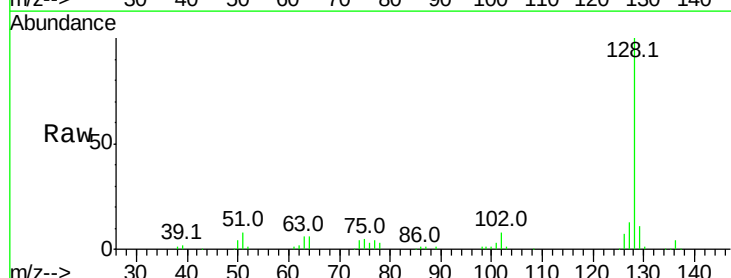


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

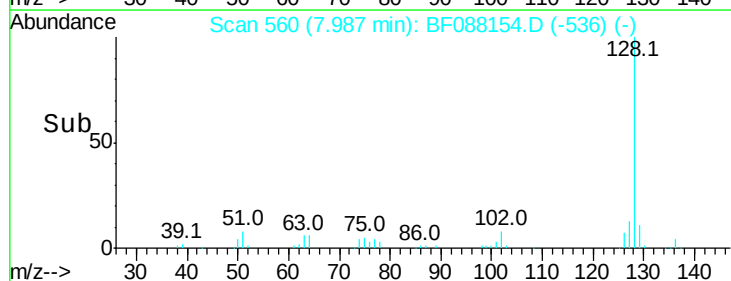
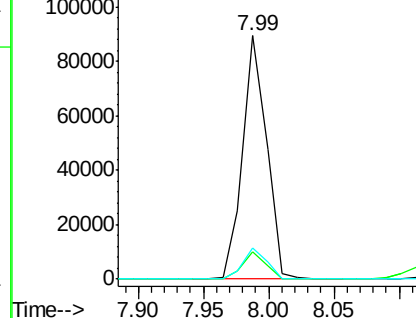


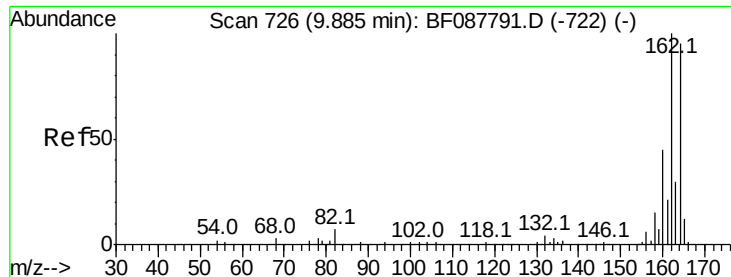
#31
Naphthalene
Concen: 7.05 ng
RT: 7.99 min Scan# 560
Delta R.T. -0.02 min
Lab File: BF088154.D
Acq: 19 Jun 2016 1:22

Tgt Ion: 128 Resp: 113850
Ion Ratio Lower Upper
128 100
129 11.3 9.4 14.2
127 12.8 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

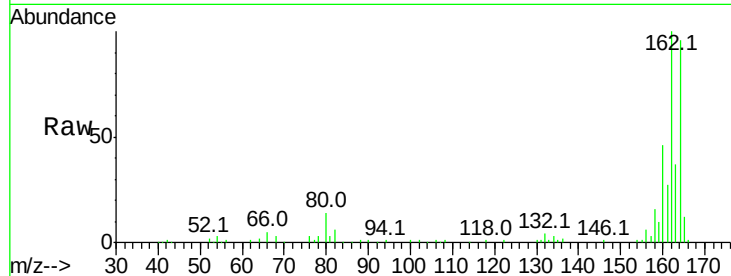




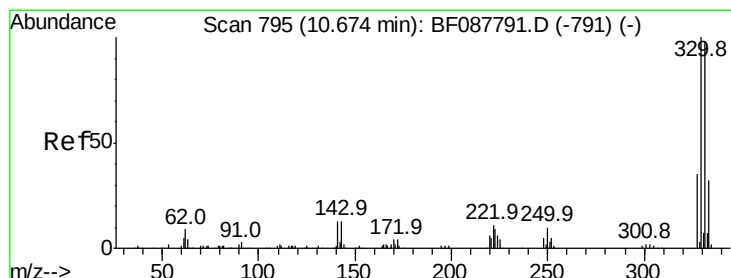
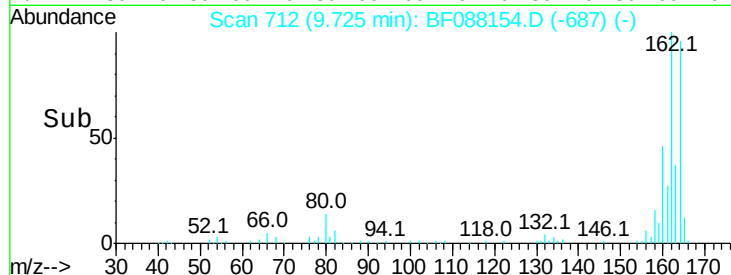
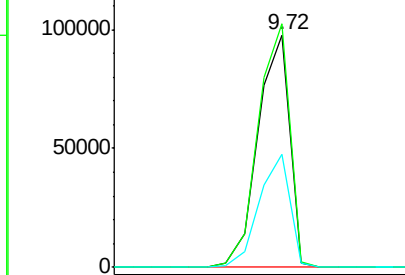
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: BF088154.D
 Acq: 19 Jun 2016 1:22

Instrument :
 BNA_F
 ClientSampleId :
 PL-UP1-COMP

Tot Ion:164 Resp: 131502
 Ion Ratio Lower Upper
 164 100
 162 104.7 85.4 128.2
 160 48.6 39.5 59.3

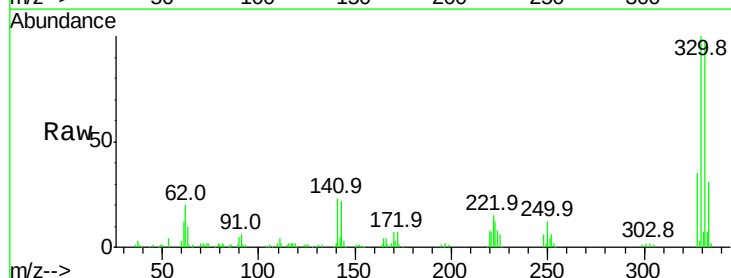


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

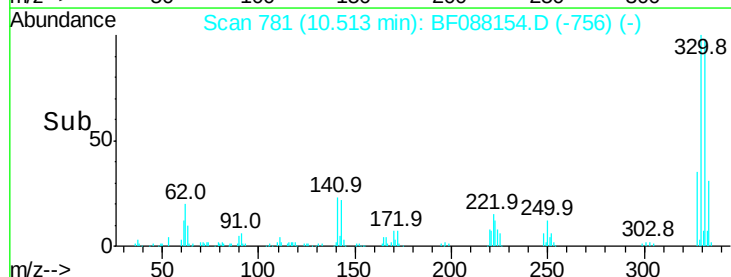
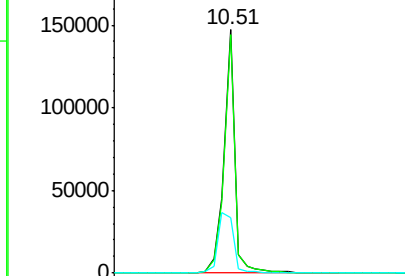


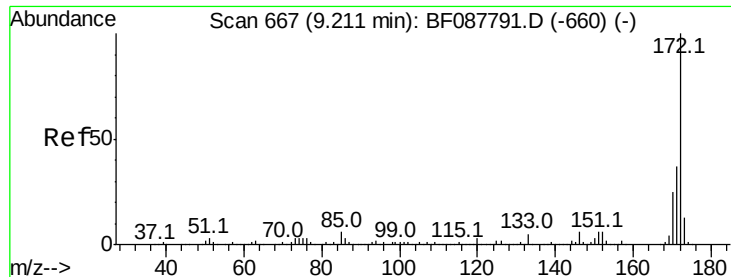
#41
 2,4,6-Tribromophenol
 Concen: 111.39 ng
 RT: 10.51 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: BF088154.D
 Acq: 19 Jun 2016 1:22

Tgt Ion:330 Resp: 154666
 Ion Ratio Lower Upper
 330 100
 332 97.1 0.0 0.0#
 141 35.6 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

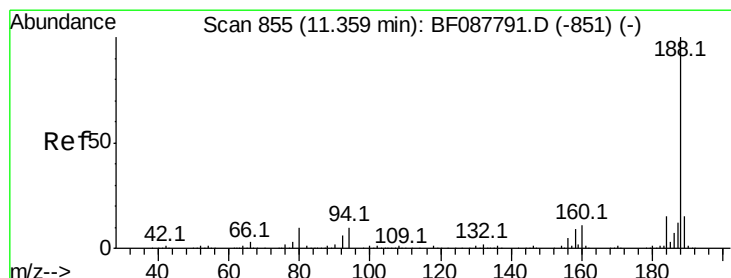
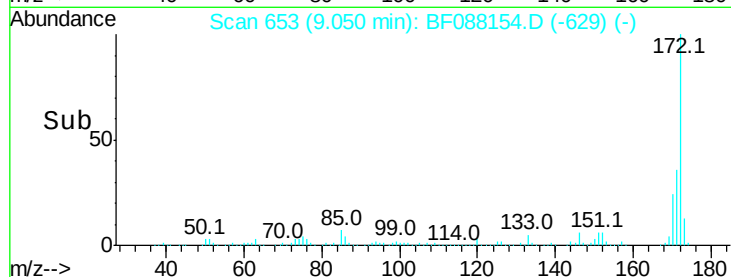
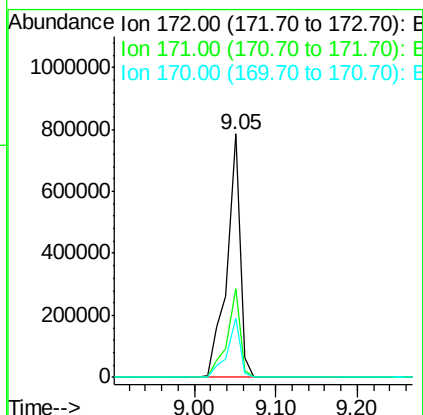
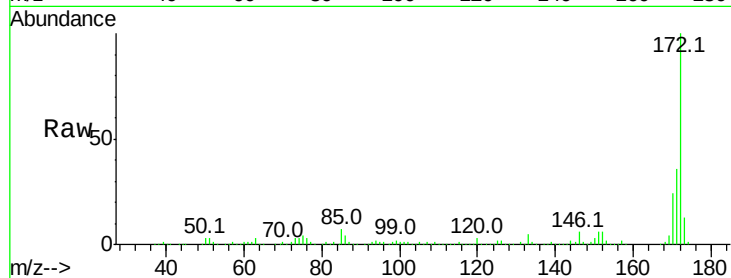




#44
 2-Fluorobiphenyl
 Concen: 106.60 ng
 RT: 9.05 min Scan# 653
 Delta R.T. -0.02 min
 Lab File: BF088154.D
 Acq: 19 Jun 2016 1:22

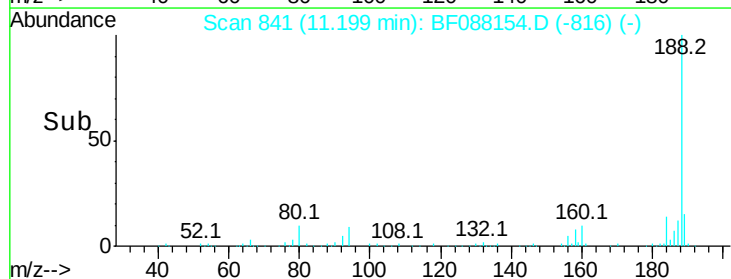
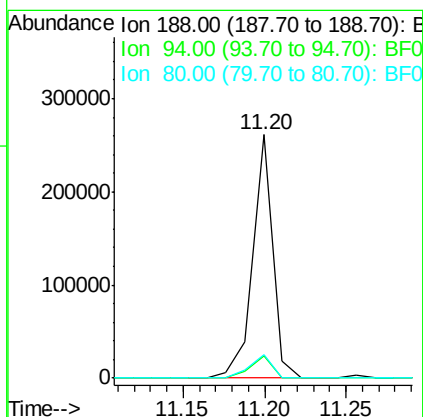
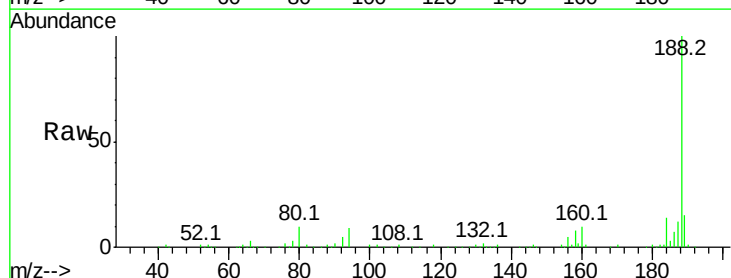
Instrument :
 BNA_F
 ClientSampleId :
 PL-UP1-COMP

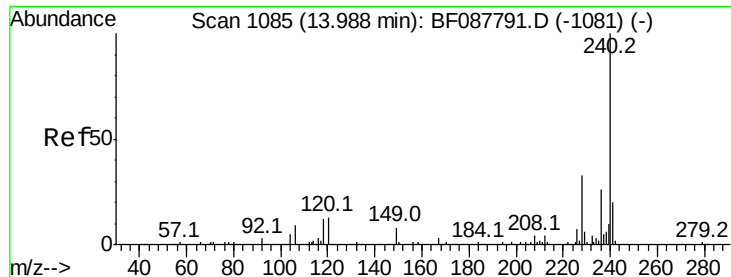
Tot Ion:172 Resp: 880550
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.6 43.0
 170 24.3 19.2 28.8



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.20 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BF088154.D
 Acq: 19 Jun 2016 1:22

Tgt Ion:188 Resp: 223622
 Ion Ratio Lower Upper
 188 100
 94 9.3 9.0 13.6
 80 9.6 10.0 15.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.83 min Scan# 1071

Delta R.T. -0.02 min

Lab File: BF088154.D

Acq: 19 Jun 2016 1:22

Instrument :

BNA_F

ClientSampleId :

PL-UP1-COMP

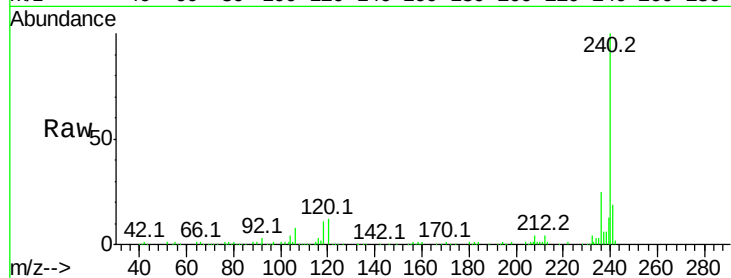
Tot Ion:240 Resp: 176552

Ion Ratio Lower Upper

240 100

120 12.2 6.8 10.2#

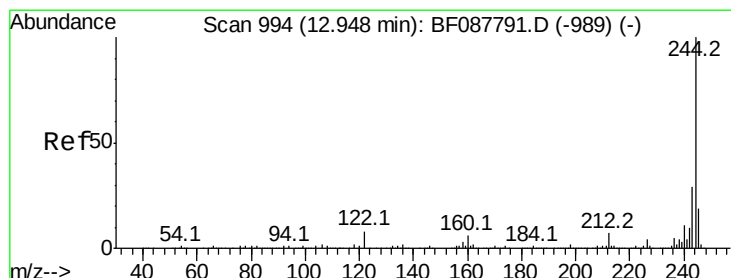
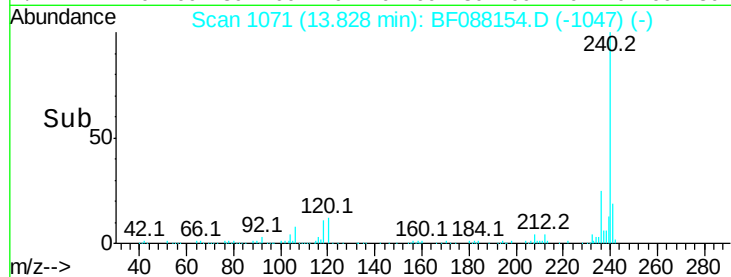
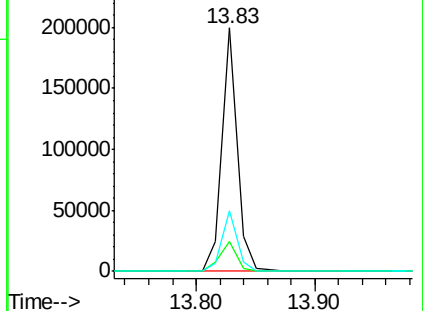
236 25.1 20.2 30.2



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: 90.59 ng

RT: 12.79 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF088154.D

Acq: 19 Jun 2016 1:22

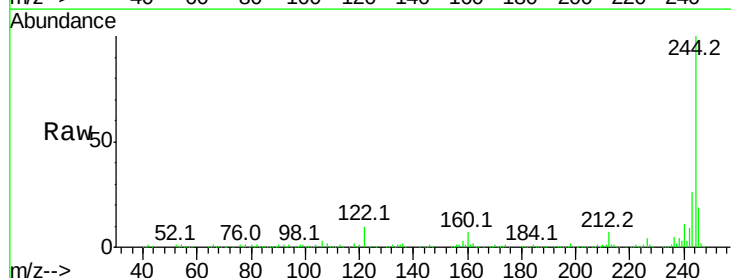
Tgt Ion:244 Resp: 702836

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

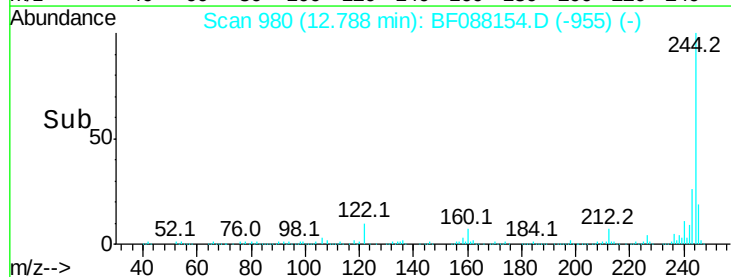
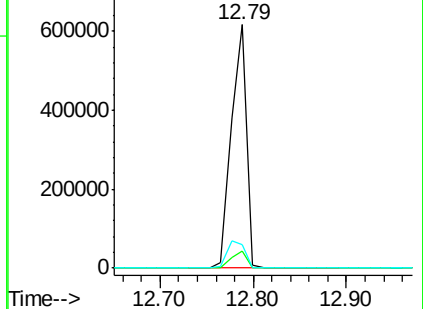
122 9.6 11.2 16.8#

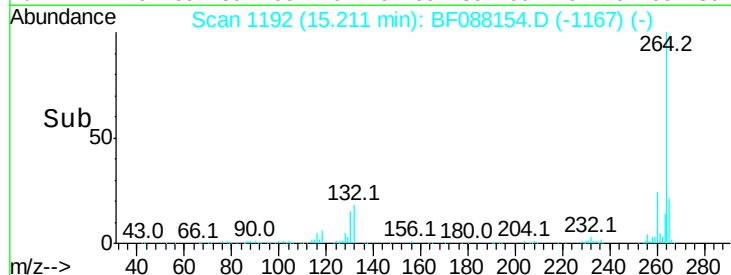
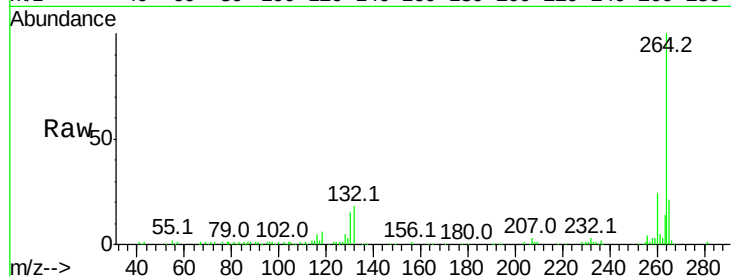
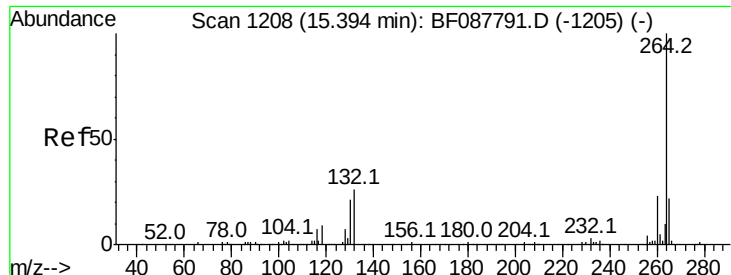


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF088154.D

Acq: 19 Jun 2016 1:22

Instrument :

BNA_F

ClientSampleId :

PL-UP1-COMP

Tot Ion:264 Resp: 125687

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 20.6 16.9 25.3

