

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061416\
 Data File : BF088032.D
 Acq On : 15 Jun 2016 7:43
 Operator : UM/SJ
 Sample : H3473-11
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STA-1100-(0-4)

Quant Time: Jun 15 13:11:06 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 14:10:49 2016
 Response via : Initial Calibration

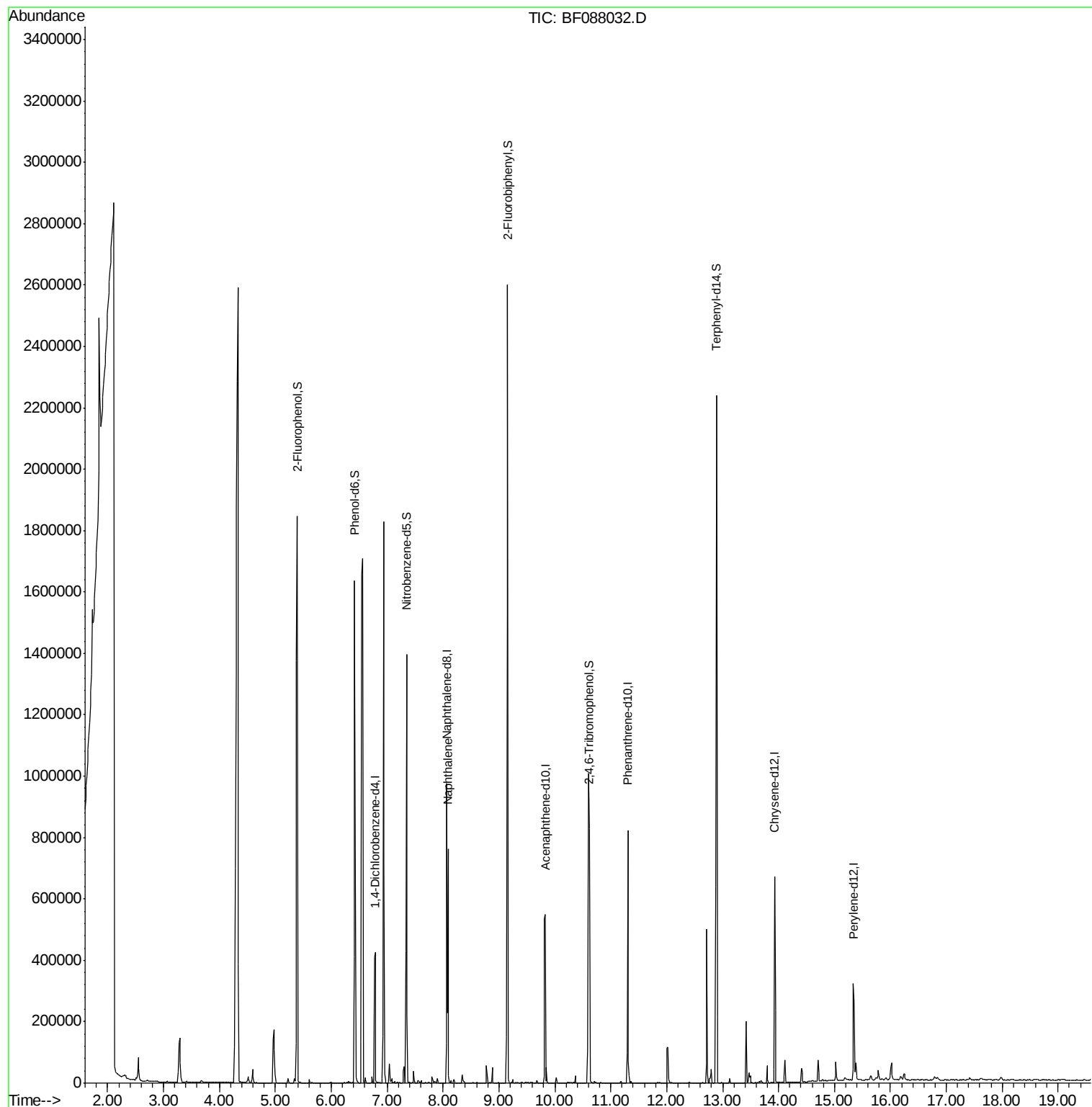
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	103442	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	414369	20.00	ng	-0.01
38) Acenaphthene-d10	9.83	164	162459	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	274706	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	235710	20.00	ng	-0.02
86) Perylene-d12	15.34	264	154529	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	729864	120.62	ng	0.01
7) Phenol-d6	6.42	99	751591	102.49	ng	-0.01
23) Nitrobenzene-d5	7.35	82	496306	69.94	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	188398	109.83	ng	-0.01
44) 2-Fluorobiphenyl	9.15	172	1021035	99.69	ng	-0.01
78) Terphenyl-d14	12.89	244	692768	66.88	ng	-0.01
Target Compounds						
31) Naphthalene	8.09	128	334393	16.31	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: 6.79 min Scan# 455

Delta R.T. 0.00 min

Lab File: BF088032.D

Acq: 15 Jun 2016 7:43

Instrument :

BNA_F

ClientSampleId :

STA-1100-(0-4)

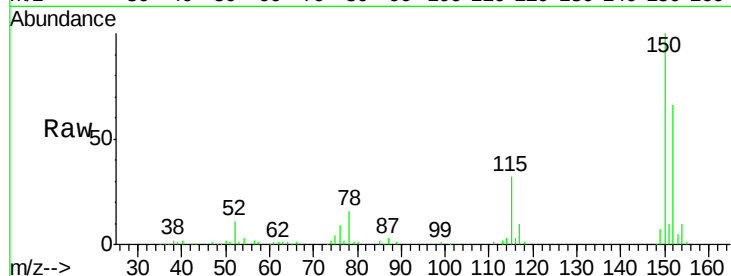
Tot Ion:152 Resp: 103442

Ion Ratio Lower Upper

152 100

150 152.0 123.8 185.6

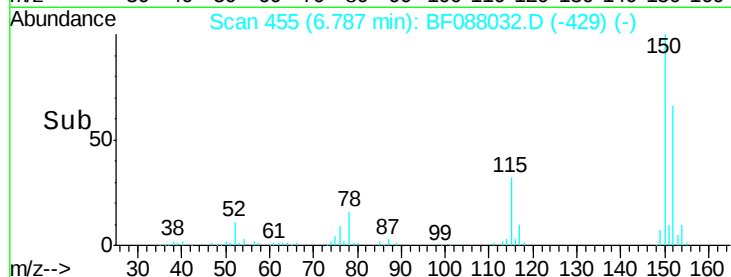
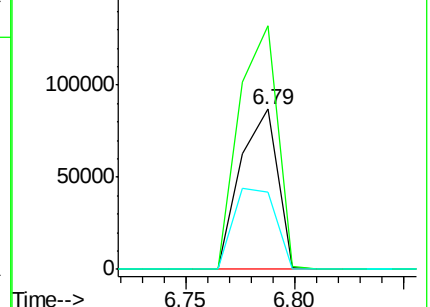
115 48.0 39.6 59.4



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: 120.62 ng

RT: 5.39 min Scan# 333

Delta R.T. 0.01 min

Lab File: BF088032.D

Acq: 15 Jun 2016 7:43

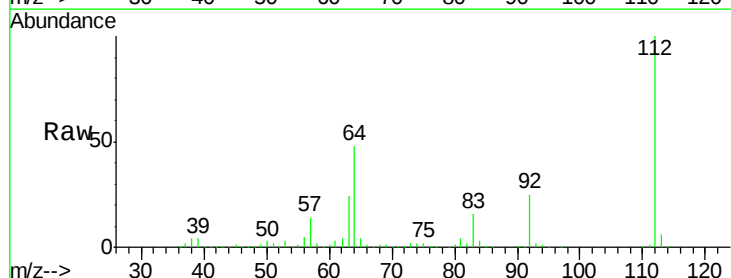
Tgt Ion:112 Resp: 729864

Ion Ratio Lower Upper

112 100

64 48.2 42.2 63.2

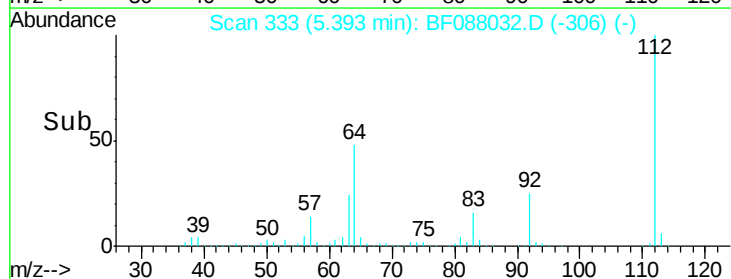
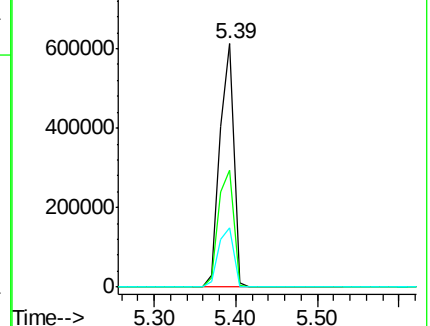
63 24.4 21.8 32.8

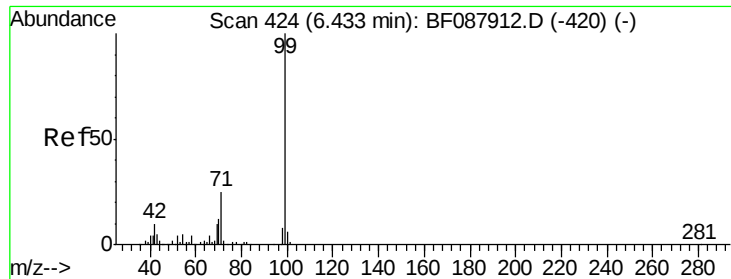


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 102.49 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.01 min

Lab File: BF088032.D

Acq: 15 Jun 2016 7:43

Instrument :

BNA_F

ClientSampleId :

STA-1100-(0-4)

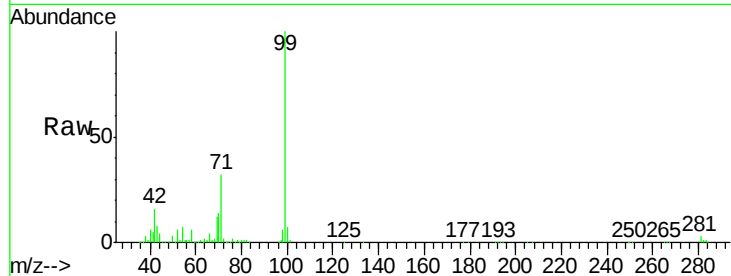
Tot Ion: 99 Resp: 751591

Ion Ratio Lower Upper

99 100

42 15.9 12.2 18.2

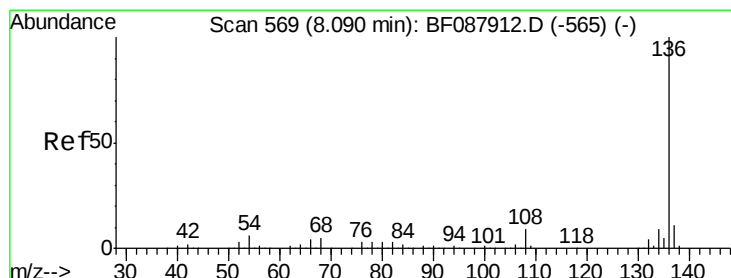
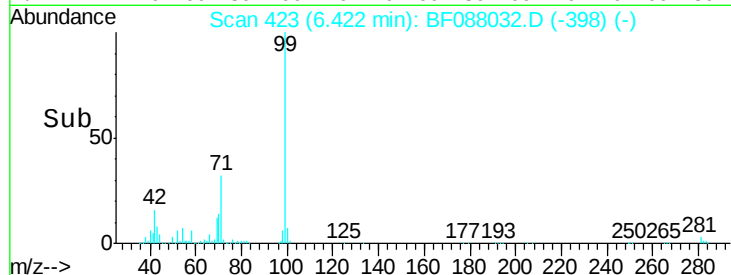
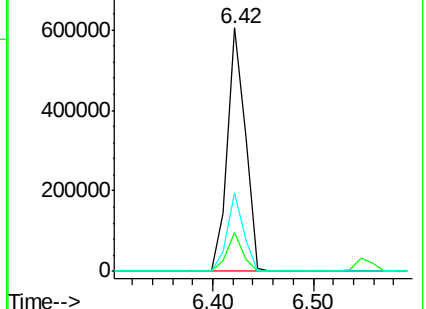
71 32.2 23.4 35.0



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: 8.07 min Scan# 567

Delta R.T. -0.01 min

Lab File: BF088032.D

Acq: 15 Jun 2016 7:43

Tgt Ion: 136 Resp: 414369

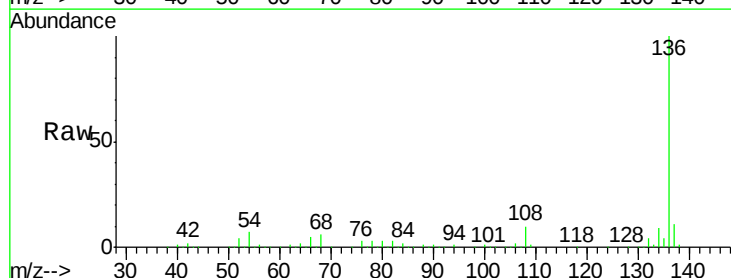
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 7.3 6.6 10.0

68 6.1 5.1 7.7

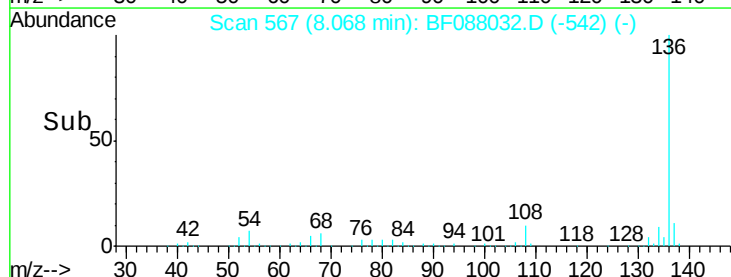
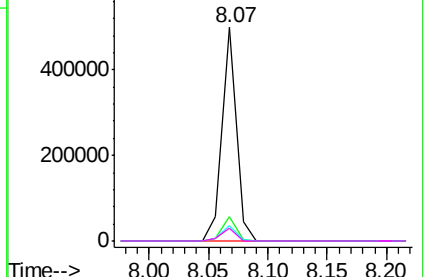


Abundance Ion 136.00 (135.70 to 136.70): E

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

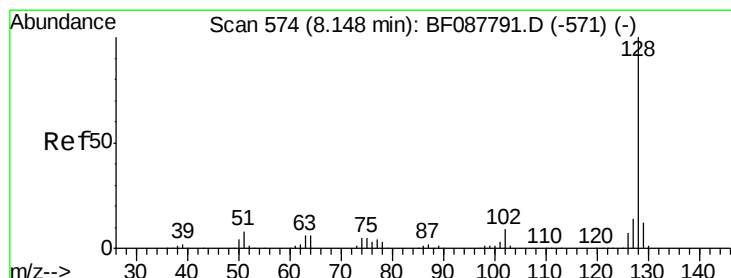
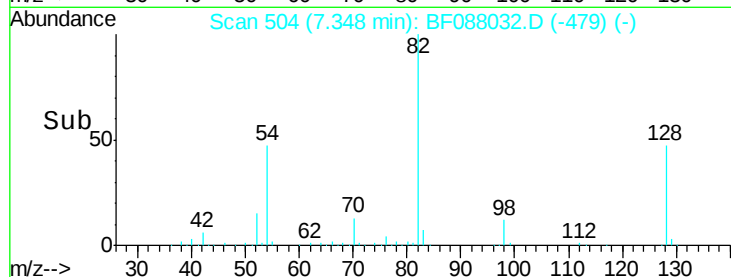
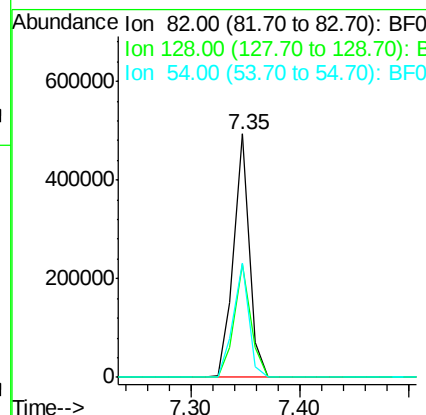
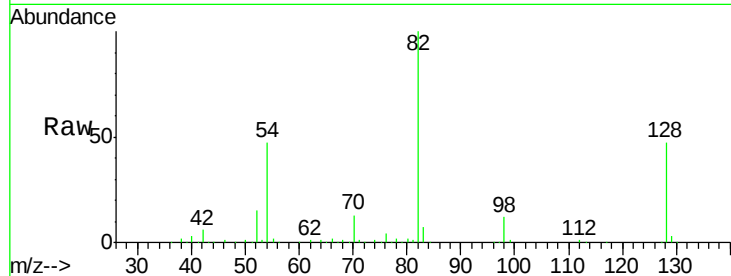




#23
 Nitrobenzene-d5
 Concen: 69.94 ng
 RT: 7.35 min Scan# 504
 Delta R.T. -0.01 min
 Lab File: BF088032.D
 Acq: 15 Jun 2016 7:43

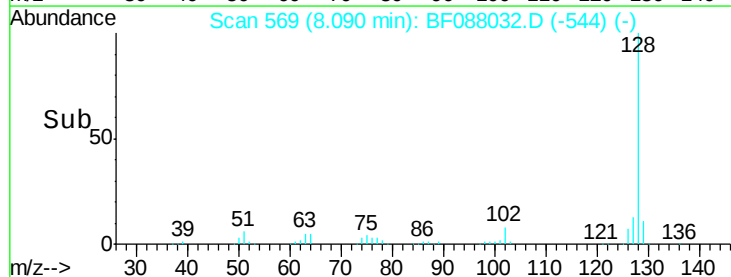
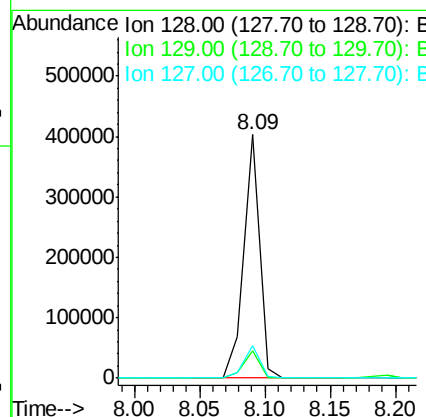
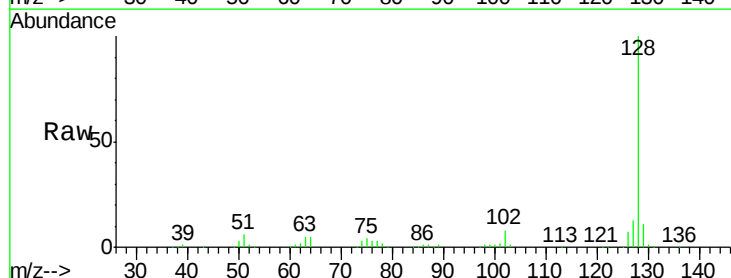
Instrument :
 BNA_F
 ClientSampleId :
 STA-1100-(0-4)

Tot Ion: 82 Resp: 496306
 Ion Ratio Lower Upper
 82 100
 128 46.6 35.9 53.9
 54 46.9 40.9 61.3



#31
 Naphthalene
 Concen: 16.31 ng
 RT: 8.09 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: BF088032.D
 Acq: 15 Jun 2016 7:43

Tgt Ion: 128 Resp: 334393
 Ion Ratio Lower Upper
 128 100
 129 11.0 9.4 14.2
 127 13.1 10.9 16.3





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.83 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF088032.D

Acq: 15 Jun 2016 7:43

Instrument :

BNA_F

ClientSampleId :

STA-1100-(0-4)

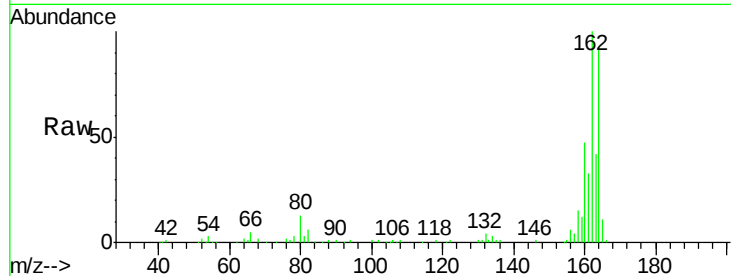
Tot Ion:164 Resp: 162459

Ion Ratio Lower Upper

164 100

162 108.6 85.4 128.2

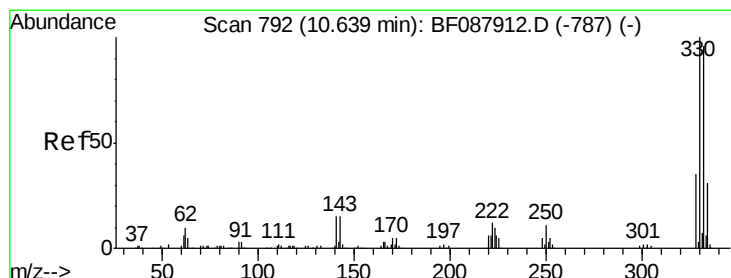
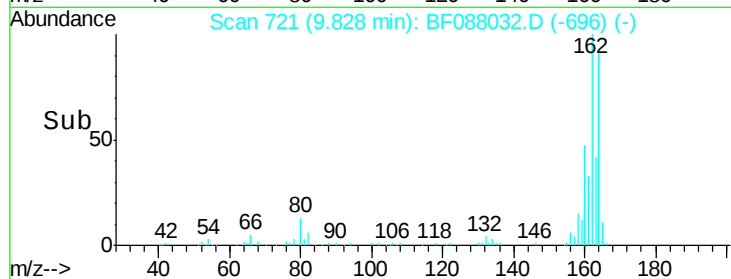
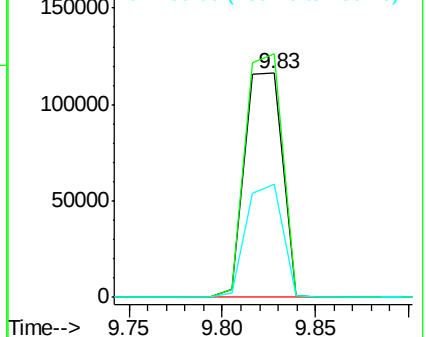
160 50.5 39.5 59.3



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: 109.83 ng

RT: 10.62 min Scan# 790

Delta R.T. -0.01 min

Lab File: BF088032.D

Acq: 15 Jun 2016 7:43

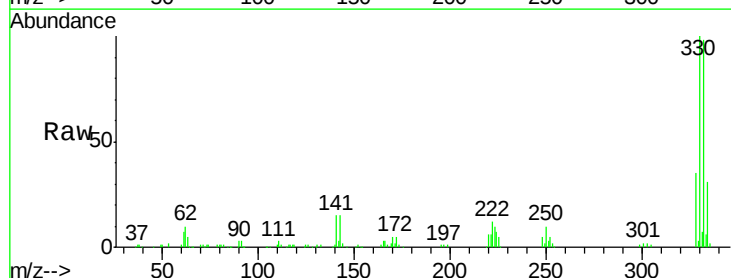
Tgt Ion:330 Resp: 188398

Ion Ratio Lower Upper

330 100

332 96.4 0.0 0.0#

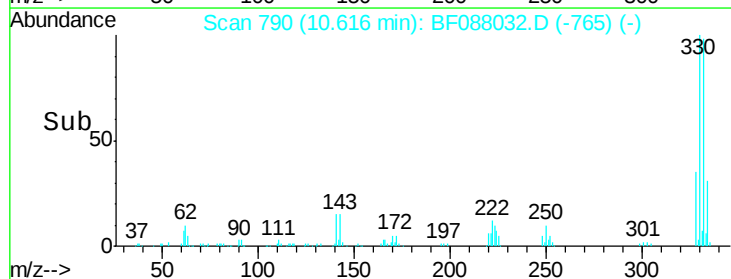
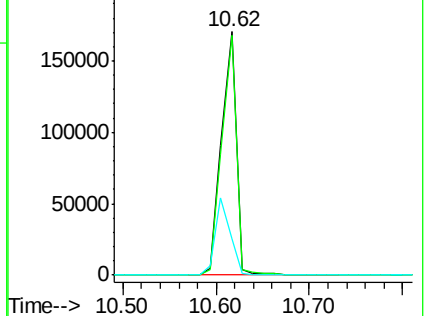
141 32.1 0.0 0.0#

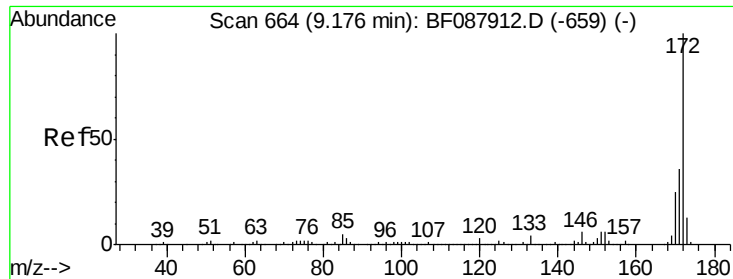


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



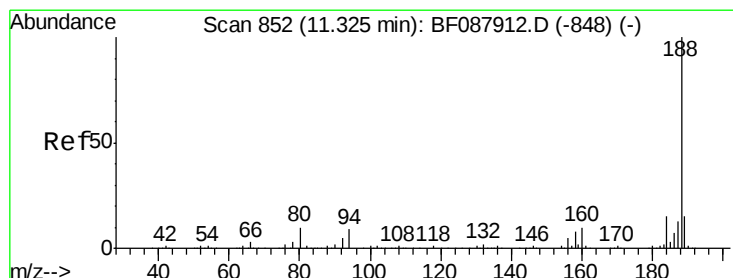
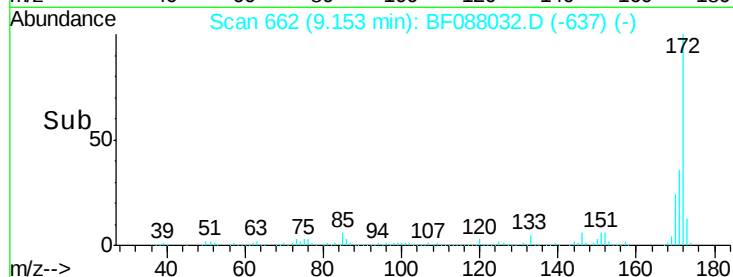
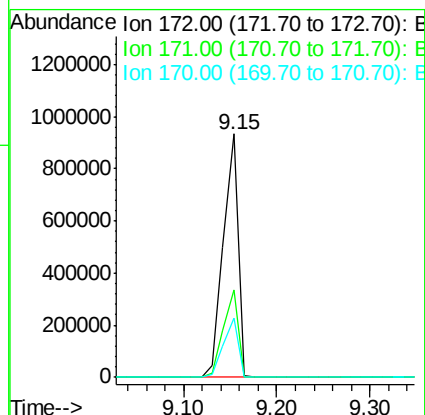
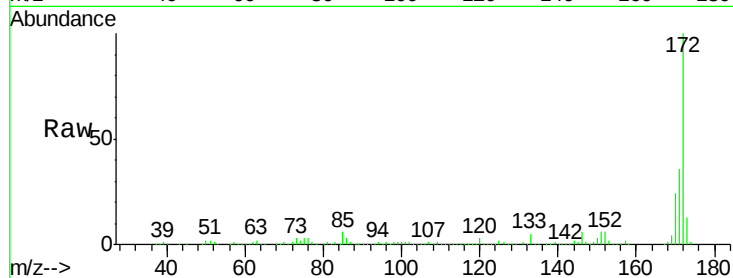


#44
 2-Fluorobiphenyl
 Concen: 99.69 ng
 RT: 9.15 min Scan# 662
 Delta R.T. -0.01 min
 Lab File: BF088032.D
 Acq: 15 Jun 2016 7:43

Instrument :
 BNA_F
 ClientSampleId :
 STA-1100-(0-4)

Tot Ion:172 Resp: 1021035

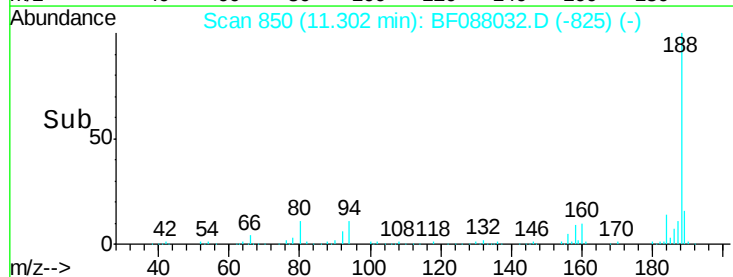
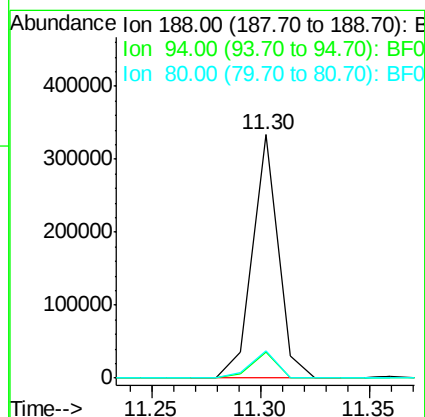
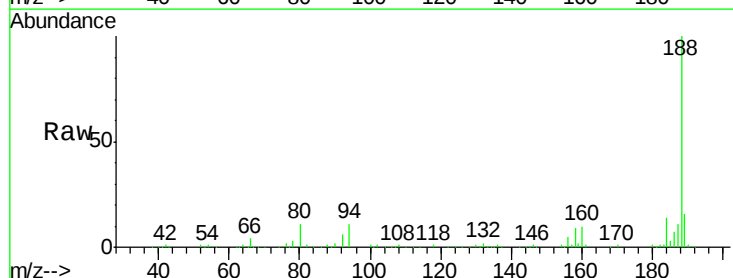
Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	24.4	19.2	28.8

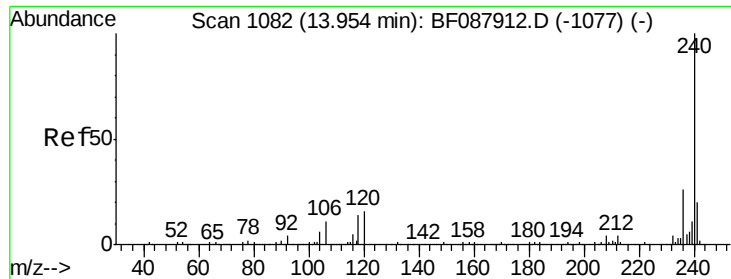


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 850
 Delta R.T. -0.01 min
 Lab File: BF088032.D
 Acq: 15 Jun 2016 7:43

Tgt Ion:188 Resp: 274706

Ion	Ratio	Lower	Upper
188	100		
94	10.5	9.0	13.6
80	11.4	10.0	15.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1080

Delta R.T. -0.02 min

Lab File: BF088032.D

Acq: 15 Jun 2016 7:43

Instrument :

BNA_F

ClientSampleId :

STA-1100-(0-4)

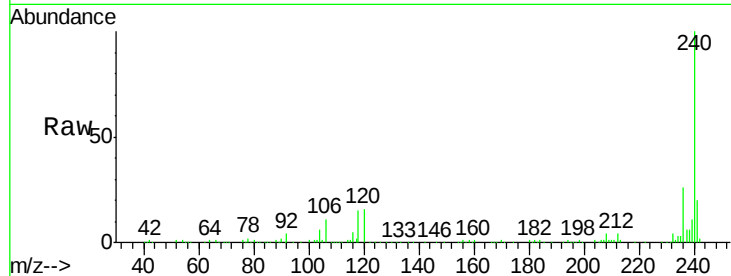
Tot Ion:240 Resp: 235710

Ion Ratio Lower Upper

240 100

120 16.3 6.8 10.2#

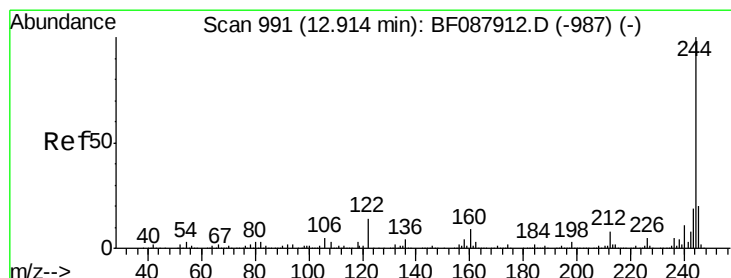
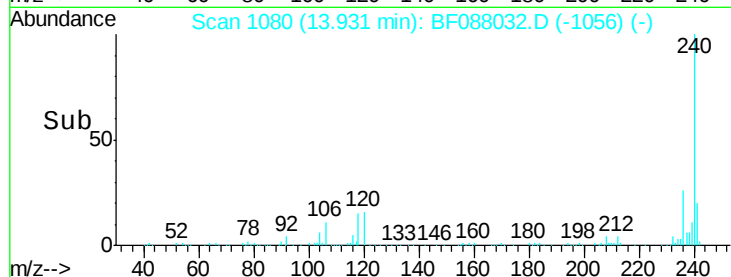
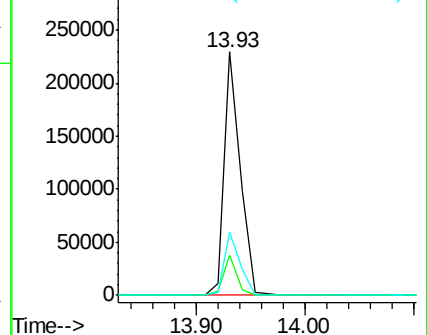
236 25.7 20.2 30.2



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: 66.88 ng

RT: 12.89 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF088032.D

Acq: 15 Jun 2016 7:43

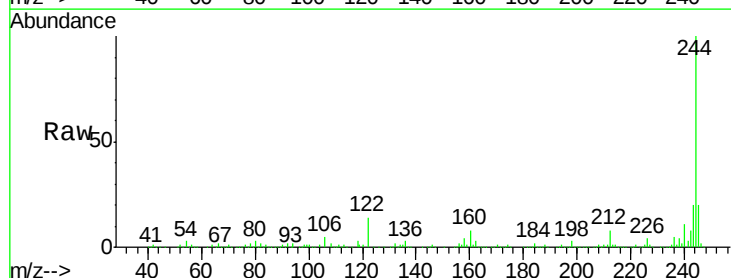
Tgt Ion:244 Resp: 692768

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

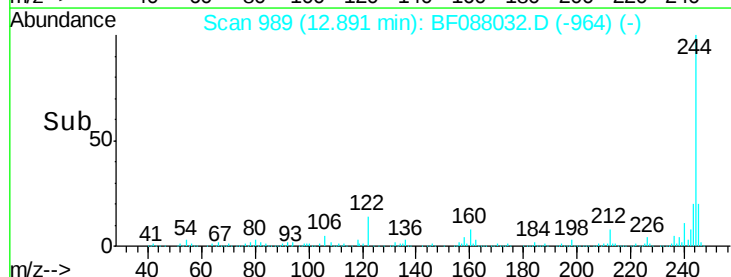
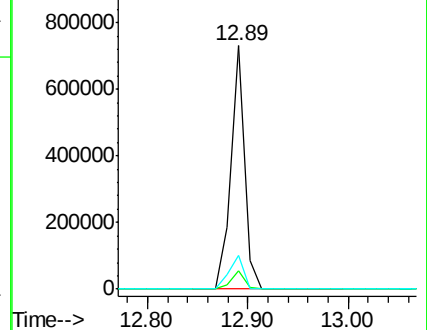
122 13.9 11.2 16.8

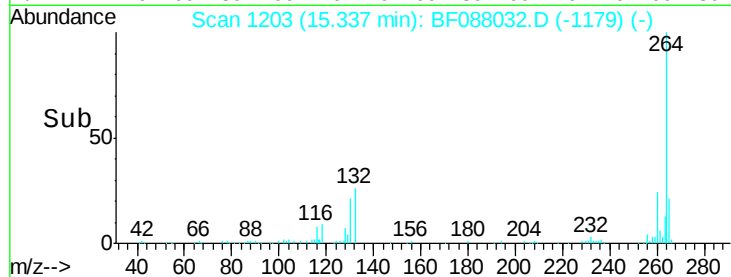
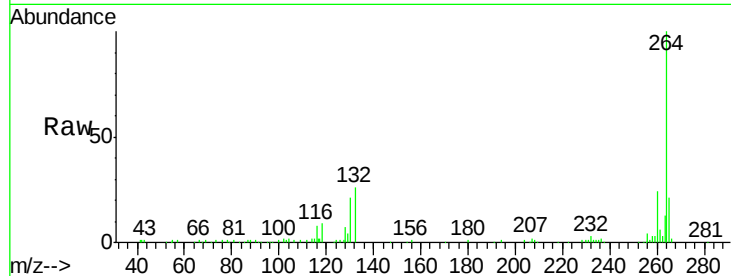
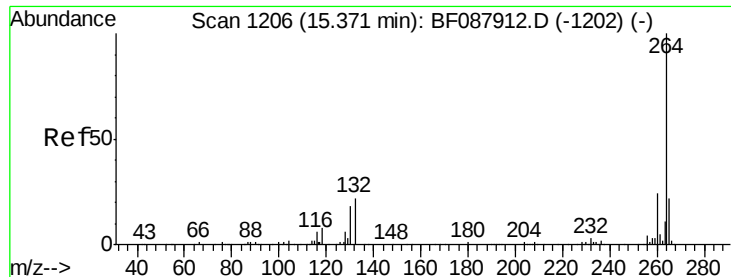


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.34 min Scan# 1203
Delta R.T. -0.02 min
Lab File: BF088032.D
Acq: 15 Jun 2016 7:43

Instrument :
BNA_F
ClientSampleId :
STA-1100-(0-4)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.1	16.9	25.3

