

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072516\
 Data File : BF089288.D
 Acq On : 25 Jul 2016 20:43
 Operator : UM/SJ
 Sample : H4207-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B2-S

Quant Time: Jul 26 02:03:04 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 16:56:43 2016
 Response via : Initial Calibration

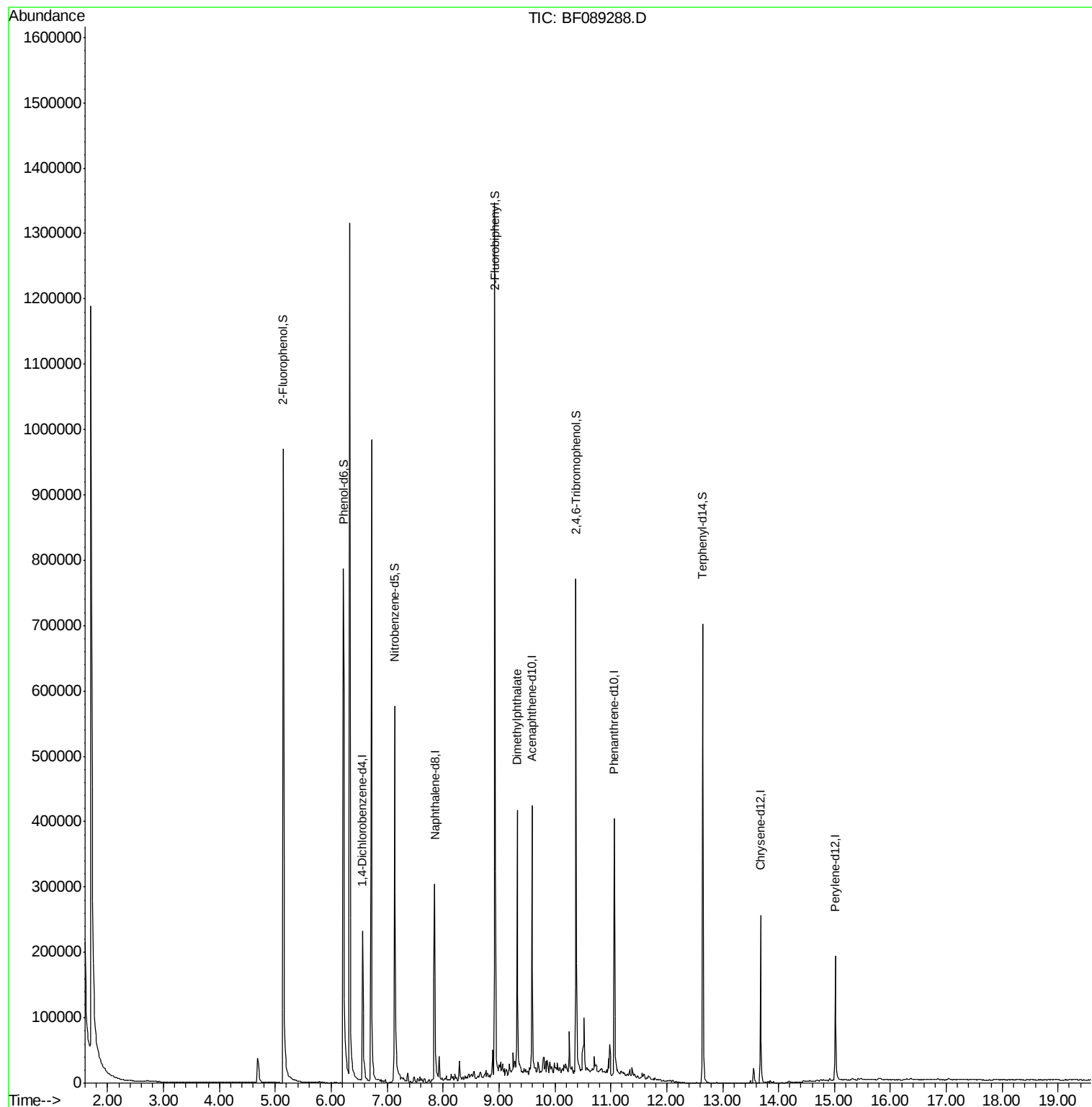
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	48609	20.00	ng	-0.01
21) Naphthalene-d8	7.85	136	191712	20.00	ng	0.00
38) Acenaphthene-d10	9.59	164	85240	20.00	ng	-0.01
63) Phenanthrene-d10	11.06	188	154063	20.00	ng	-0.01
75) Chrysene-d12	13.68	240	96920	20.00	ng	-0.01
86) Perylene-d12	15.02	264	87103	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	344643	107.83	ng	0.00
7) Phenol-d6	6.22	99	463094	112.36	ng	-0.01
23) Nitrobenzene-d5	7.13	82	283939	78.69	ng	-0.01
41) 2,4,6-Tribromophenol	10.38	330	77565	101.07	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	450247	72.78	ng	-0.01
78) Terphenyl-d14	12.64	244	300868	67.33	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.32	163	156042	23.86	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: 6.56 min Scan# 435

Delta R.T. -0.01 min

Lab File: BF089288.D

Acq: 25 Jul 2016 20:43

Instrument :

BNA_F

ClientSampleId :

B2-S

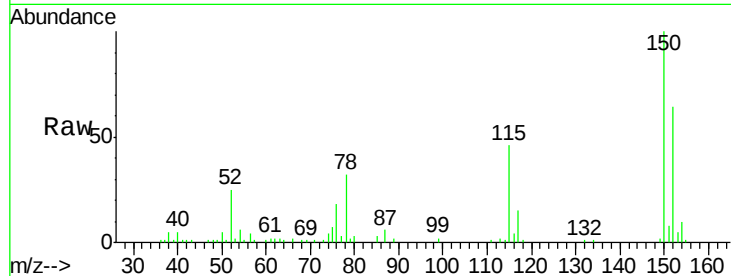
Tot Ion:152 Resp: 48609

Ion Ratio Lower Upper

152 100

150 156.8 125.1 187.7

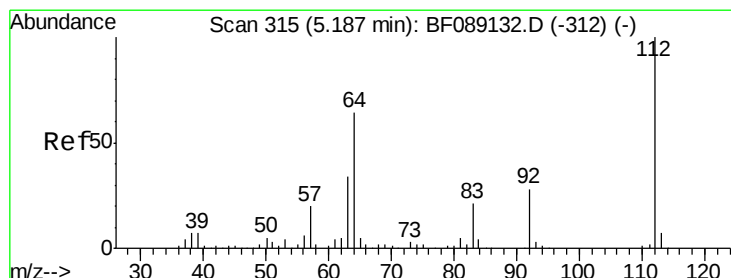
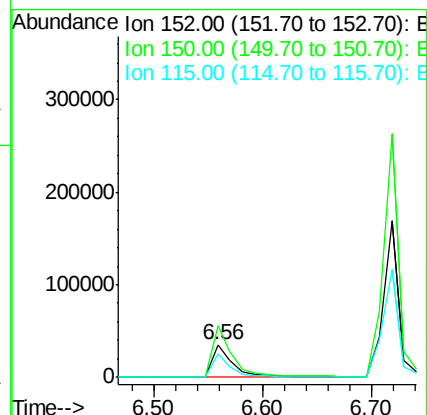
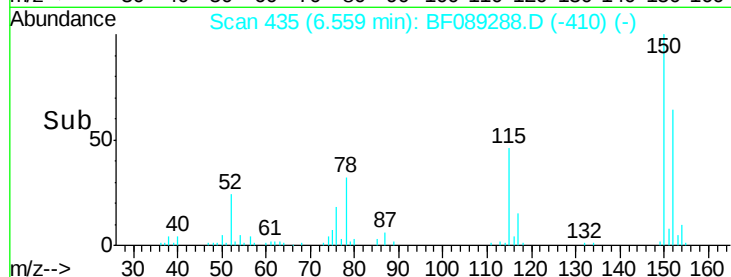
115 72.1 51.1 76.7



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: 107.83 ng

RT: 5.14 min Scan# 311

Delta R.T. 0.00 min

Lab File: BF089288.D

Acq: 25 Jul 2016 20:43

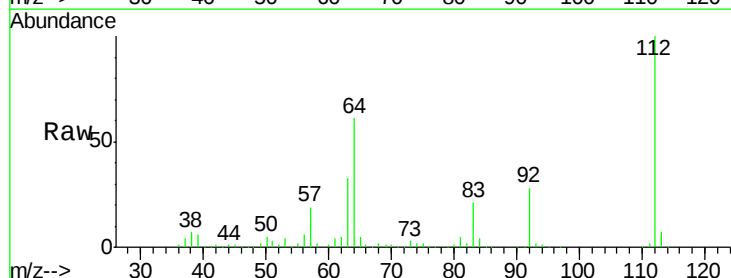
Tgt Ion:112 Resp: 344643

Ion Ratio Lower Upper

112 100

64 61.3 51.0 76.4

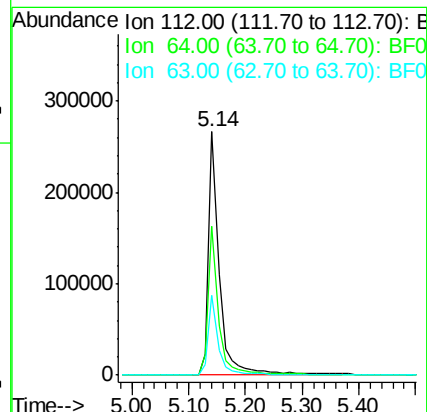
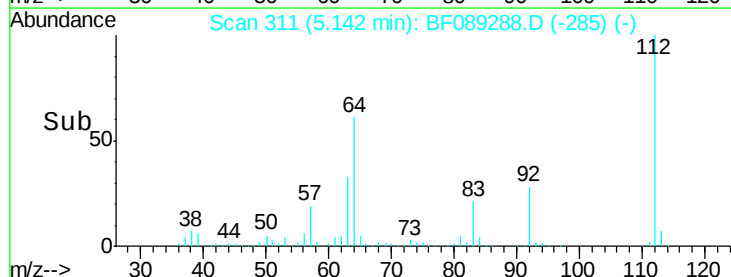
63 32.7 27.3 40.9

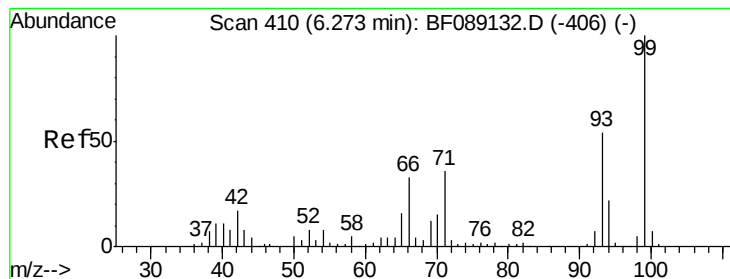


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 112.36 ng

RT: 6.22 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF089288.D

Acq: 25 Jul 2016 20:43

Instrument :

BNA_F

ClientSampleId :

B2-S

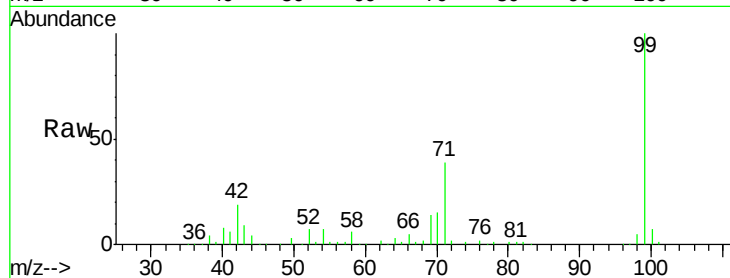
Tot Ion: 99 Resp: 463094

Ion Ratio Lower Upper

99 100

42 19.2 13.5 20.3

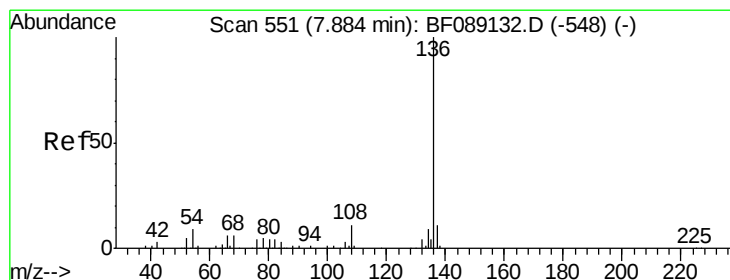
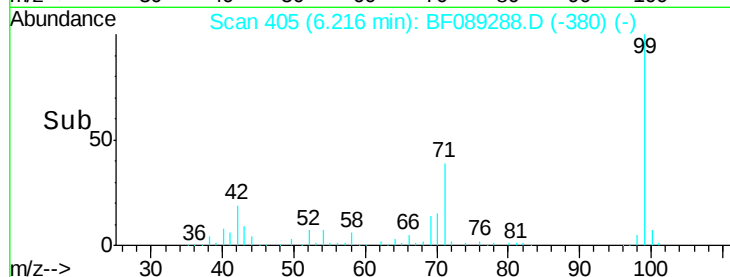
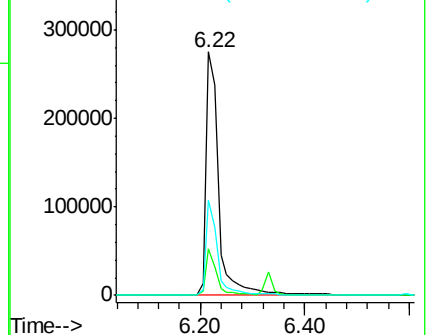
71 39.2 28.9 43.3



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: 7.85 min Scan# 548

Delta R.T. 0.00 min

Lab File: BF089288.D

Acq: 25 Jul 2016 20:43

Tgt Ion: 136 Resp: 191712

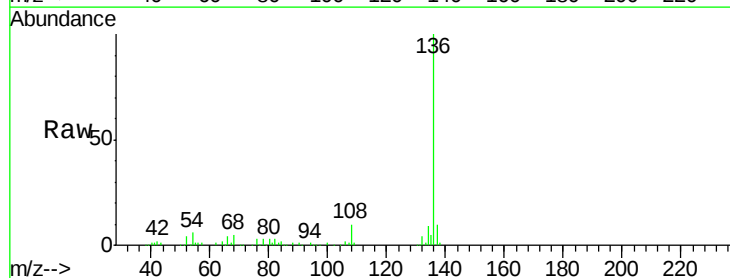
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 5.7 7.0 10.4#

68 4.8 5.0 7.6#

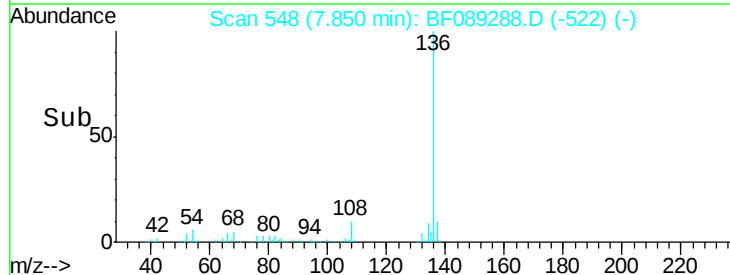
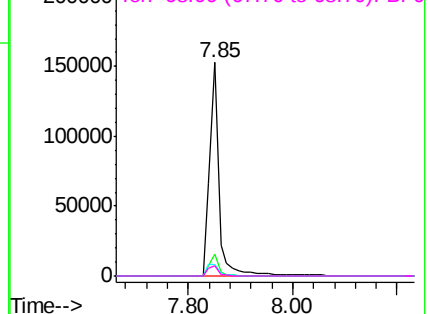


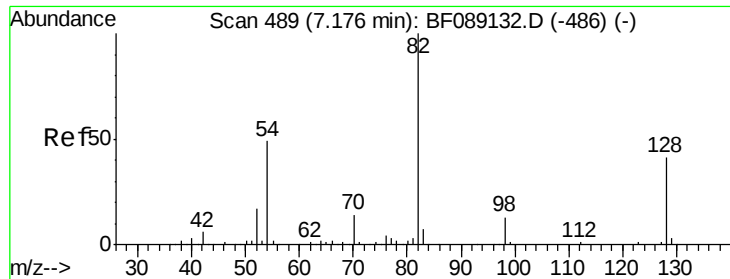
Abundance Ion 136.00 (135.70 to 136.70): E

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

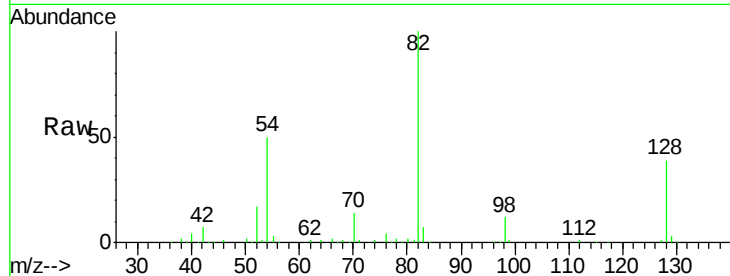




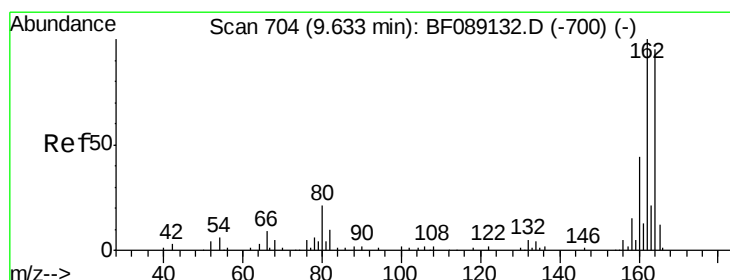
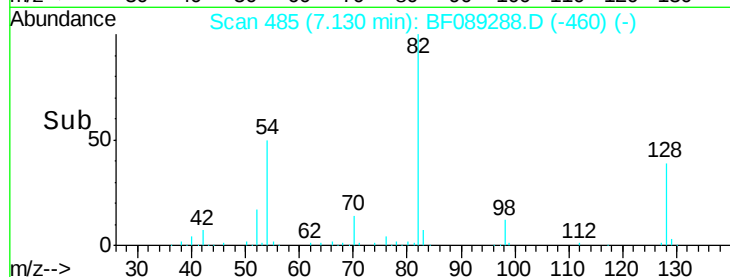
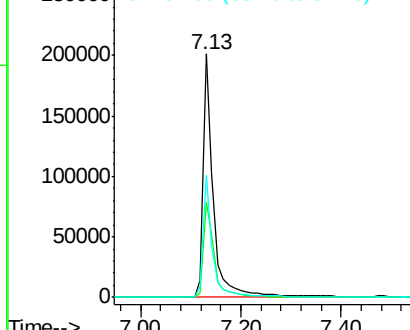
#23
 Nitrobenzene-d5
 Concen: 78.69 ng
 RT: 7.13 min Scan# 485
 Delta R.T. -0.01 min
 Lab File: BF089288.D
 Acq: 25 Jul 2016 20:43

Instrument :
 BNA_F
 ClientSampled :
 B2-S

Tot Ion: 82 Resp: 283939
 Ion Ratio Lower Upper
 82 100
 128 39.1 33.0 49.6
 54 50.3 39.0 58.4

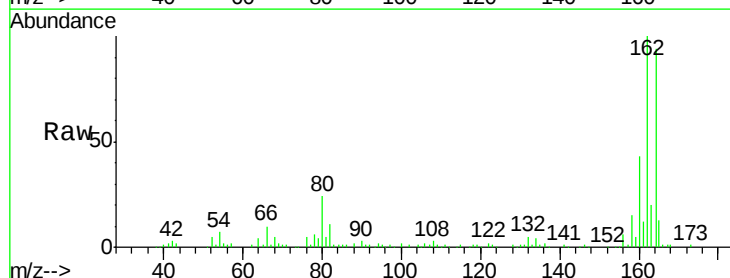


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

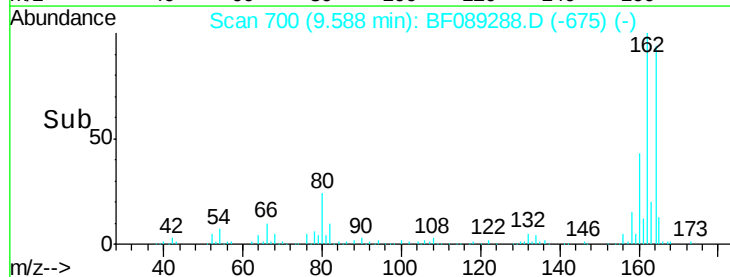
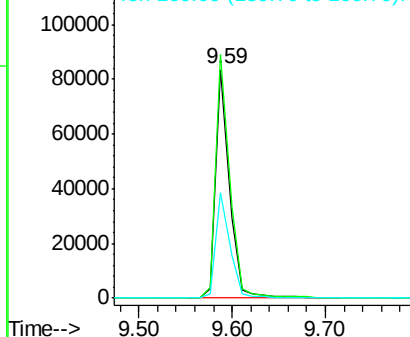


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.59 min Scan# 700
 Delta R.T. -0.01 min
 Lab File: BF089288.D
 Acq: 25 Jul 2016 20:43

Tgt Ion: 164 Resp: 85240
 Ion Ratio Lower Upper
 164 100
 162 106.5 84.1 126.1
 160 46.0 37.1 55.7



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

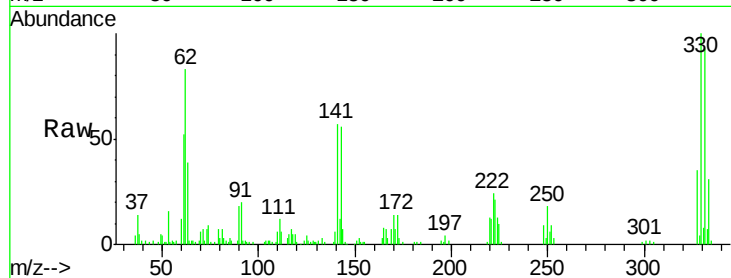




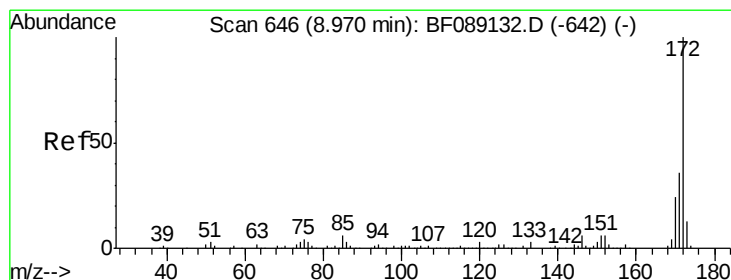
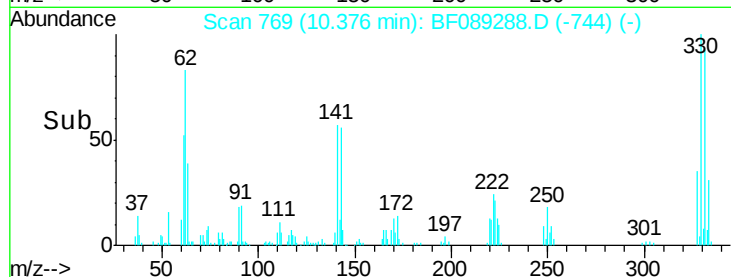
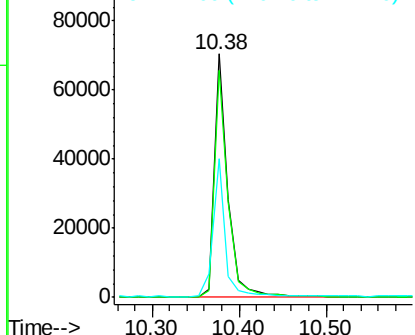
#41
 2,4,6-Tribromophenol
 Concen: 101.07 ng
 RT: 10.38 min Scan# 769
 Delta R.T. -0.01 min
 Lab File: BF089288.D
 Acq: 25 Jul 2016 20:43

Instrument :
 BNA_F
 ClientSampleId :
 B2-S

Tot Ion:330 Resp: 77565
 Ion Ratio Lower Upper
 330 100
 332 94.6 77.2 115.8
 141 52.9 42.2 63.2

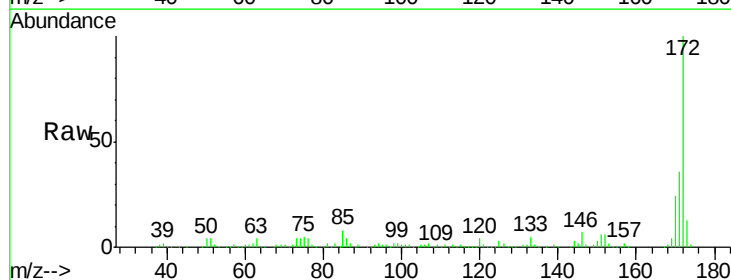


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

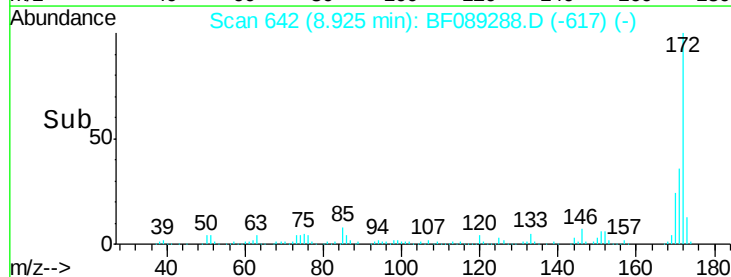
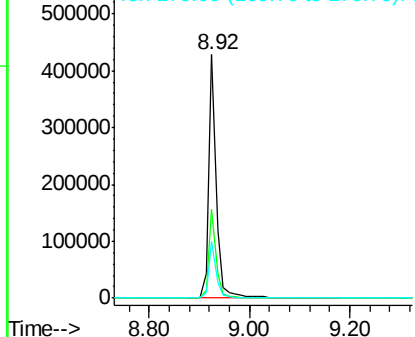


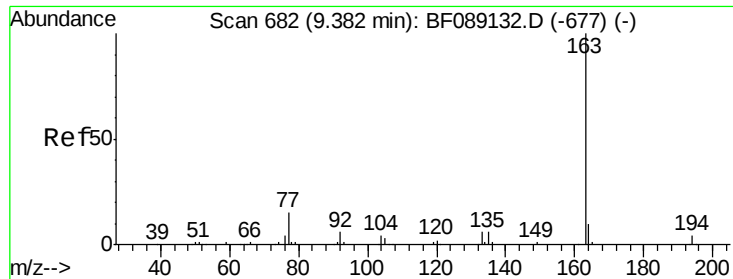
#44
 2-Fluorobiphenyl
 Concen: 72.78 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF089288.D
 Acq: 25 Jul 2016 20:43

Tgt Ion:172 Resp: 450247
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.2 43.8
 170 23.5 19.1 28.7



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

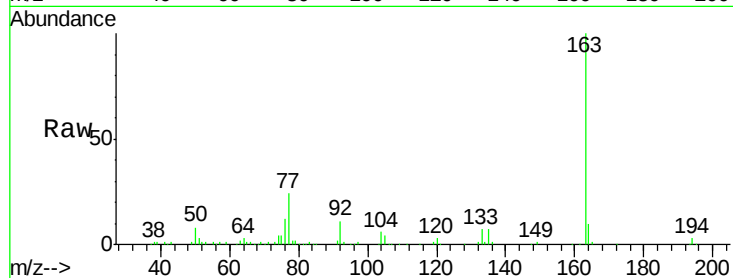




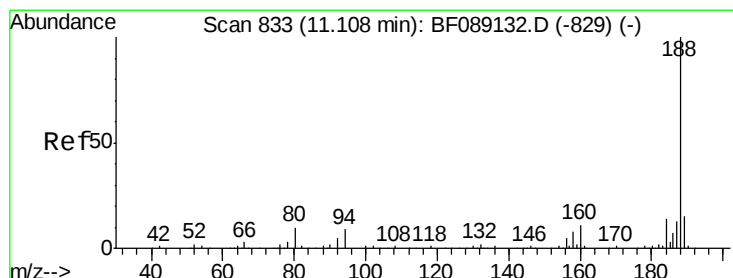
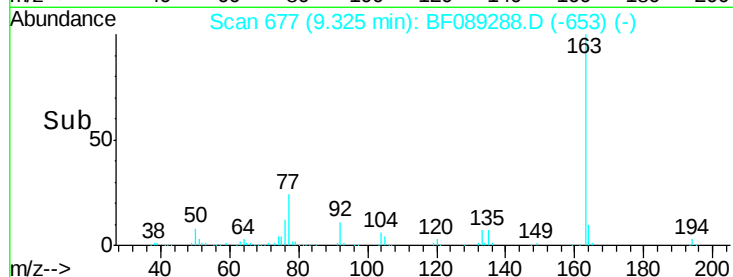
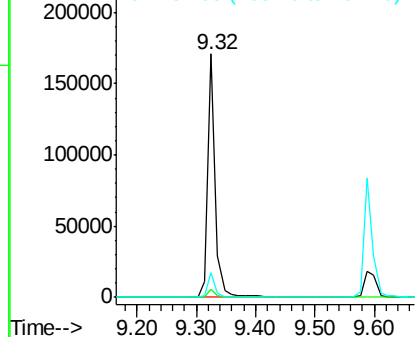
#49
Dimethylphthalate
Concen: 23.86 ng
RT: 9.32 min Scan# 677
Delta R.T. -0.02 min
Lab File: BF089288.D
Acq: 25 Jul 2016 20:43

Instrument :
BNA_F
ClientSampleId :
B2-S

Tot Ion:163 Resp: 156042
Ion Ratio Lower Upper
163 100
194 3.1 2.9 4.3
164 10.0 7.6 11.4

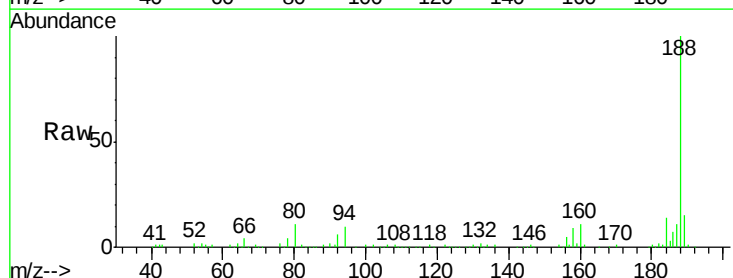


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

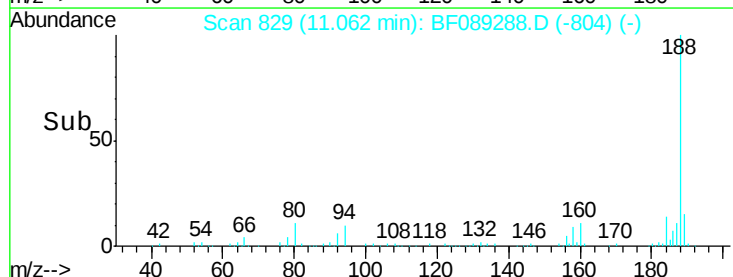
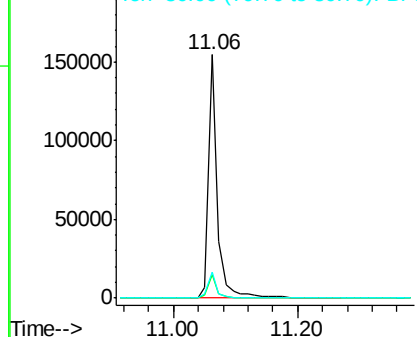


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF089288.D
Acq: 25 Jul 2016 20:43

Tgt Ion:188 Resp: 154063
Ion Ratio Lower Upper
188 100
94 9.7 7.0 10.4
80 10.8 7.7 11.5



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: 13.68 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BF089288.D

Acq: 25 Jul 2016 20:43

Instrument :

BNA_F

ClientSampleId :

B2-S

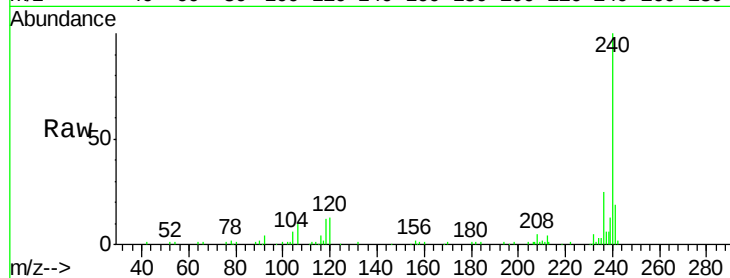
Tot Ion:240 Resp: 96920

Ion Ratio Lower Upper

240 100

120 12.9 13.6 20.4#

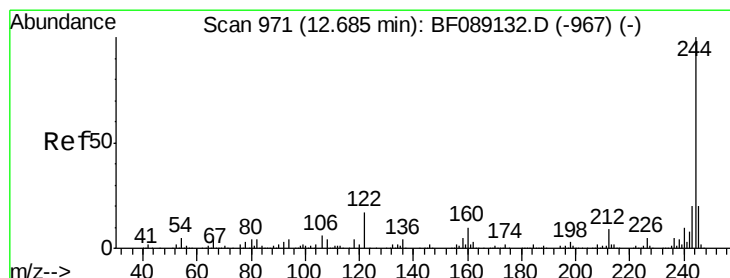
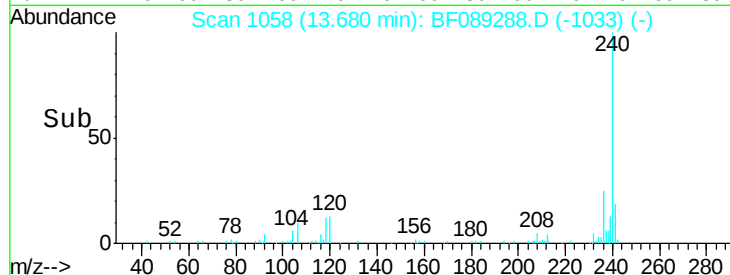
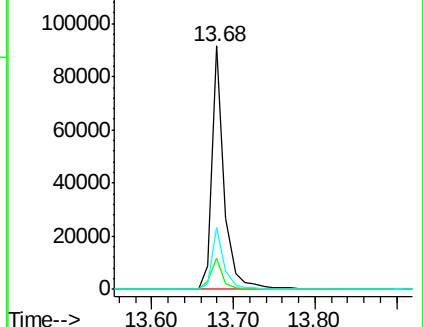
236 25.3 20.5 30.7



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: 67.33 ng

RT: 12.64 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF089288.D

Acq: 25 Jul 2016 20:43

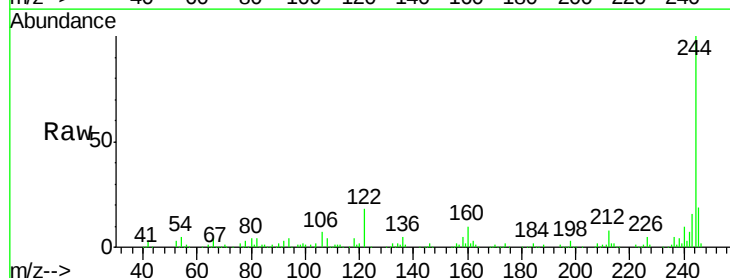
Tgt Ion:244 Resp: 300868

Ion Ratio Lower Upper

244 100

212 8.3 7.0 10.4

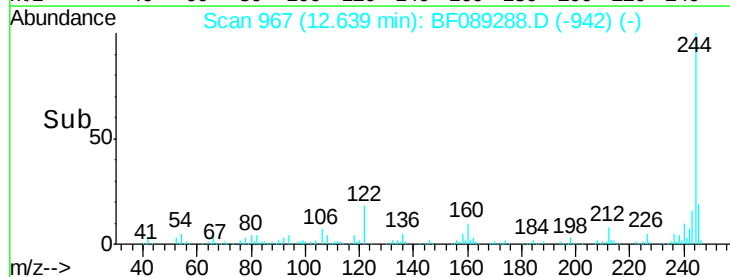
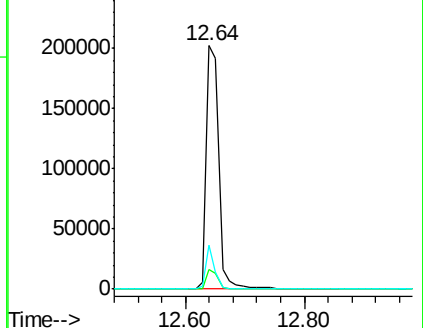
122 17.9 13.8 20.8

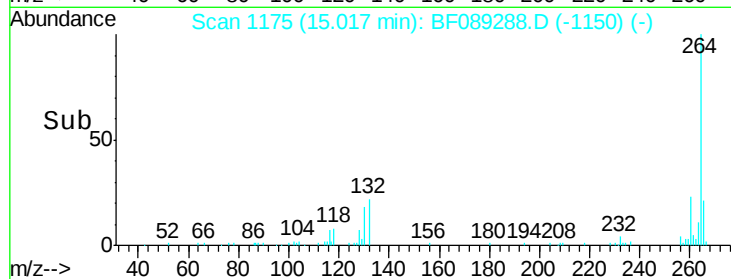
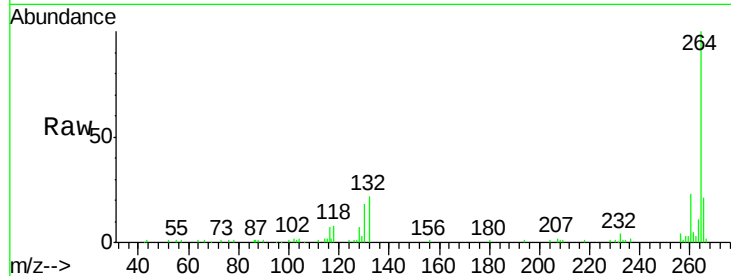
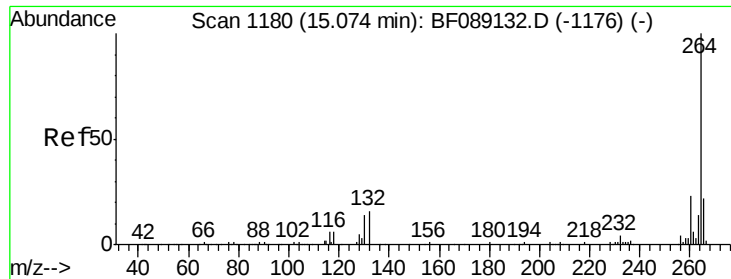


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.02 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF089288.D
 Acq: 25 Jul 2016 20:43

Instrument :
 BNA_F
 ClientSampleId :
 B2-S

Tot Ion: 264 Resp: 87103
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.5 27.7
 265 21.2 17.3 25.9

