

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100516\
 Data File : BF090410.D
 Acq On : 6 Oct 2016 5:17
 Operator : UM/SJ
 Sample : H5085-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHA-STA-1698-D(0-2)

Quant Time: Oct 06 05:53:16 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 05 14:57:00 2016
 Response via : Initial Calibration

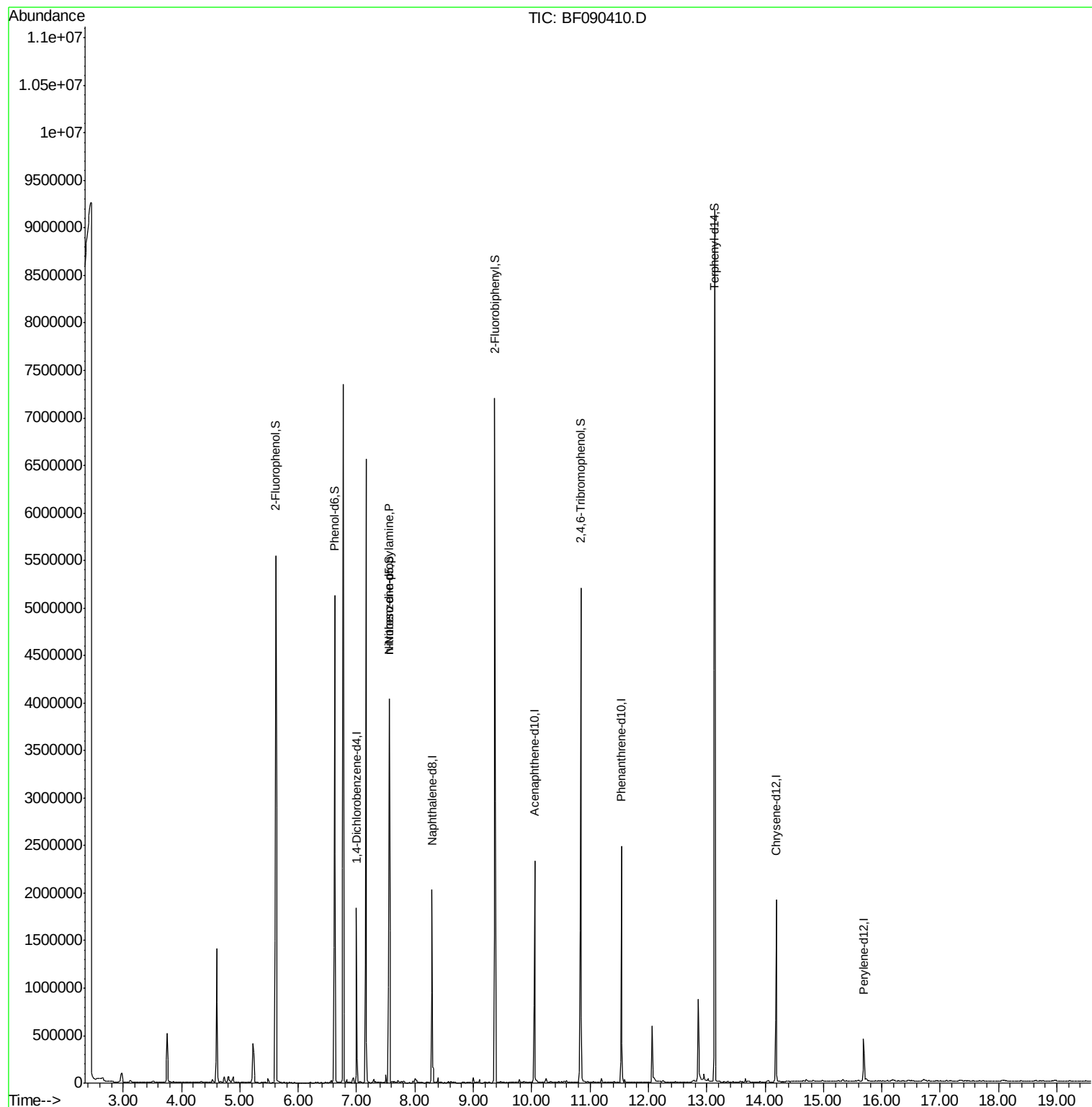
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	230701	20.00	ng	0.00
21) Naphthalene-d8	8.29	136	989159	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	475194	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	765818	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	611336	20.00	ng	-0.01
86) Perylene-d12	15.69	264	160662	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	1935077	125.19	ng	0.01
7) Phenol-d6	6.62	99	2234319	110.36	ng	0.00
23) Nitrobenzene-d5	7.56	82	1635065	80.41	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	603156	156.10	ng	-0.01
44) 2-Fluorobiphenyl	9.37	172	2641214	92.61	ng	-0.01
78) Terphenyl-d14	13.14	244	2961164	108.90	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.56	70	226659	15.27	ng	Qvalue # 66

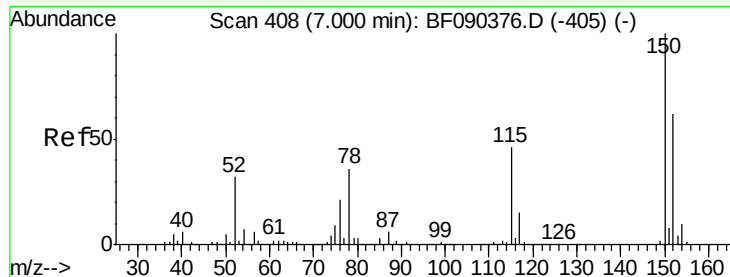
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.00 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF090410.D

Acq: 6 Oct 2016 5:17

Instrument :

BNA_F

ClientSampleId :

CHA-STA-1698-D(0-2)

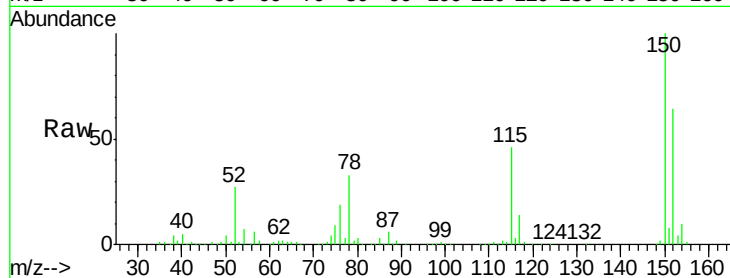
Tgt Ion:152 Resp: 230701

Ion Ratio Lower Upper

152 100

150 156.8 124.6 186.8

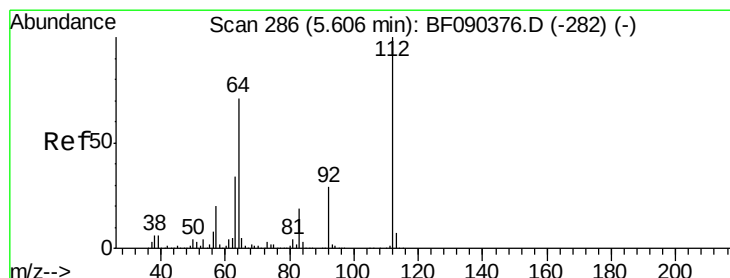
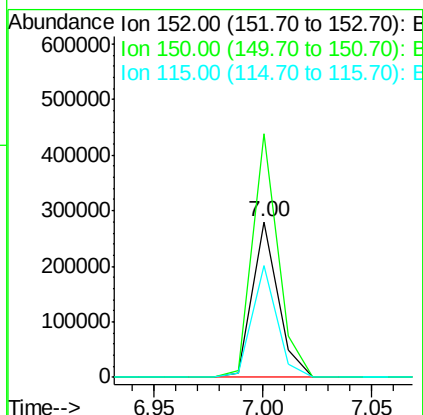
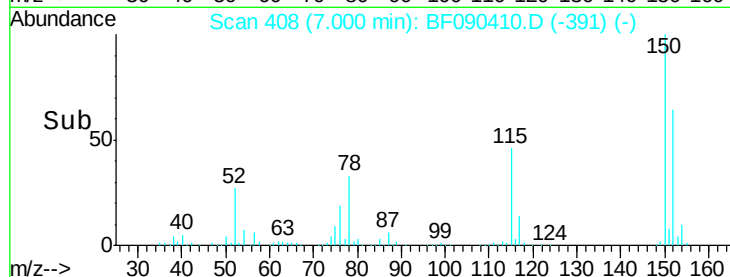
115 71.8 46.2 69.4#



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: 125.19 ng

RT: 5.62 min Scan# 287

Delta R.T. 0.01 min

Lab File: BF090410.D

Acq: 6 Oct 2016 5:17

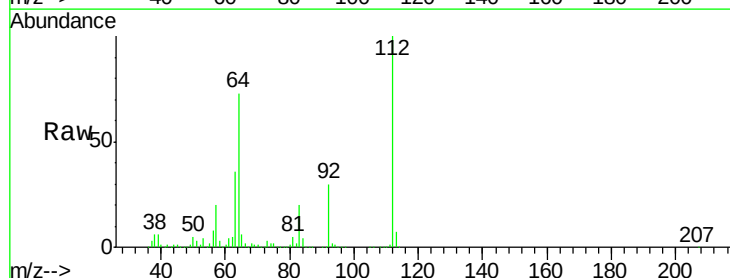
Tgt Ion:112 Resp: 1935077

Ion Ratio Lower Upper

112 100

64 73.3 57.9 86.9

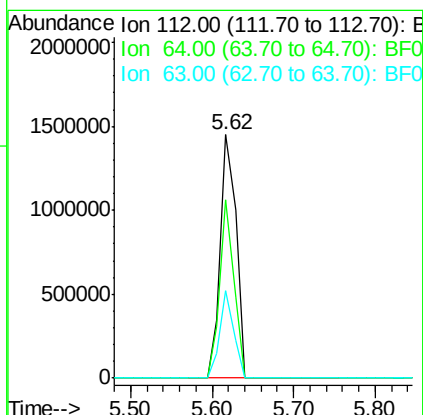
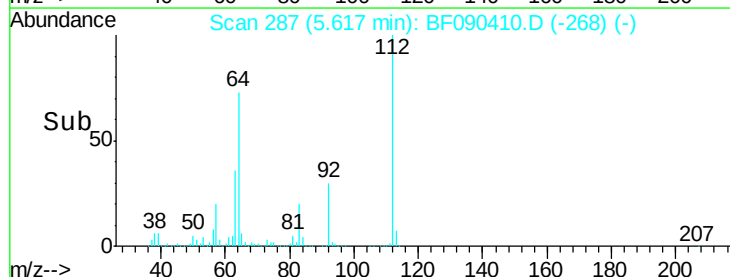
63 35.7 29.6 44.4

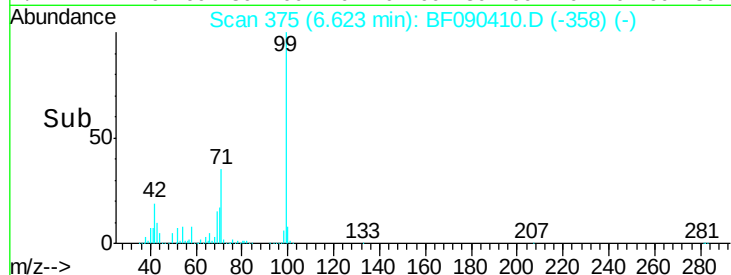
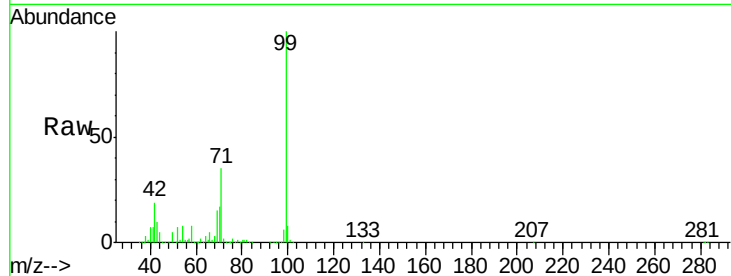
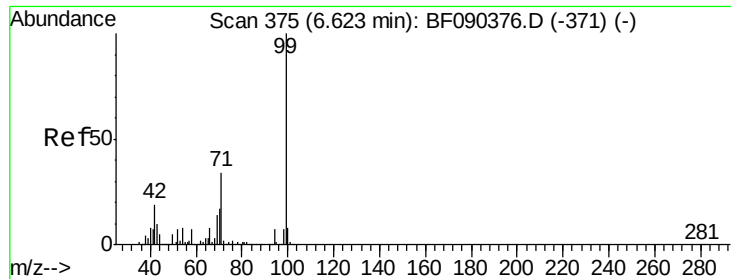


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 110.36 ng

RT: 6.62 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF090410.D

Acq: 6 Oct 2016 5:17

Instrument :

BNA_F

ClientSampleId :

CHA-STA-1698-D(0-2)

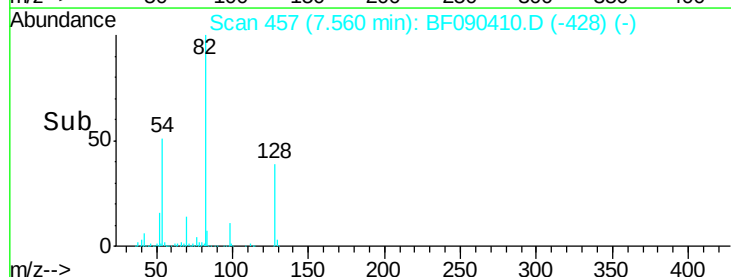
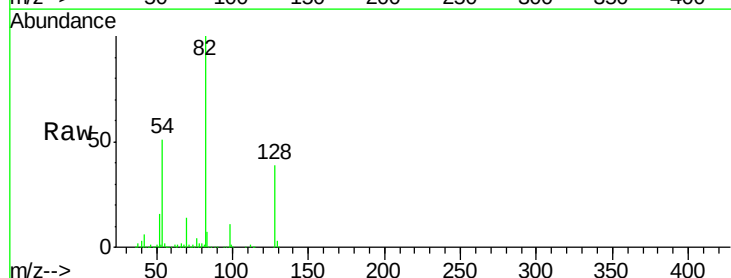
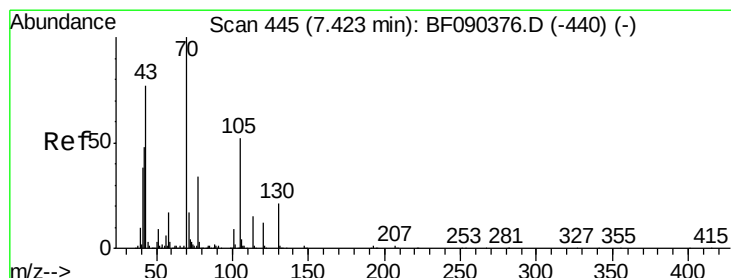
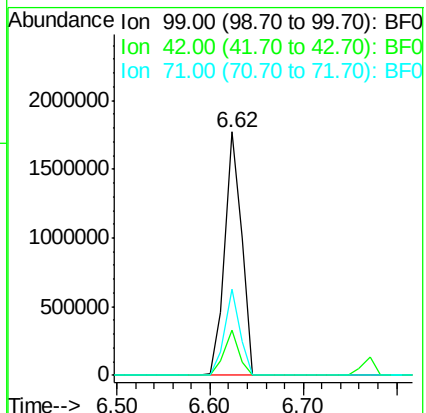
Tgt Ion: 99 Resp: 2234319

Ion Ratio Lower Upper

99 100

42 18.6 20.0 30.0#

71 35.2 27.9 41.9



#19

n-Nitroso-di-n-propylamine

Concen: 15.27 ng

RT: 7.56 min Scan# 457

Delta R.T. 0.14 min

Lab File: BF090410.D

Acq: 6 Oct 2016 5:17

Tgt Ion: 70 Resp: 226659

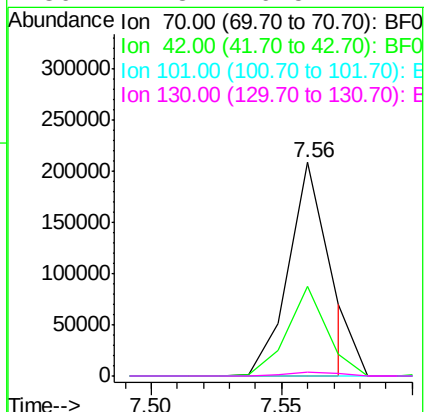
Ion Ratio Lower Upper

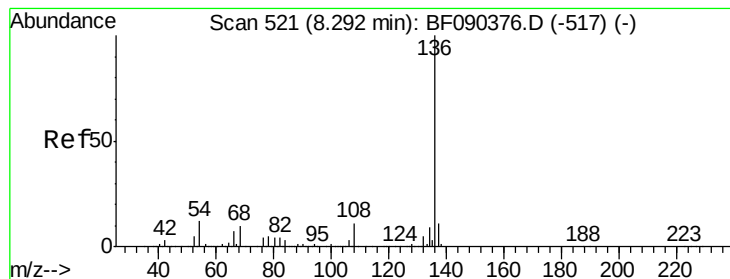
70 100

42 41.7 55.4 83.2#

101 0.0 7.6 11.4#

130 1.8 16.5 24.7#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.29 min Scan# 521

Delta R.T. -0.00 min

Lab File: BF090410.D

Acq: 6 Oct 2016 5:17

Instrument :

BNA_F

ClientSampleId :

CHA-STA-1698-D(0-2)

Tgt Ion: 136 Resp: 989159

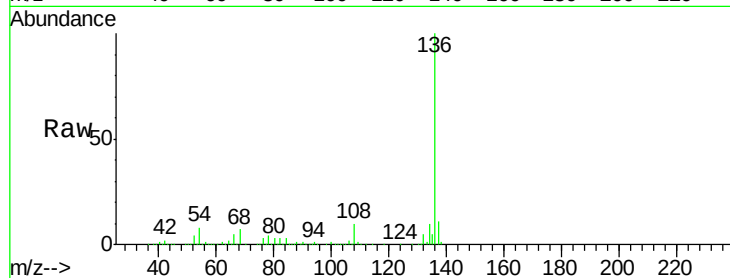
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.6

54 8.4 6.6 10.0

68 7.2 5.0 7.6

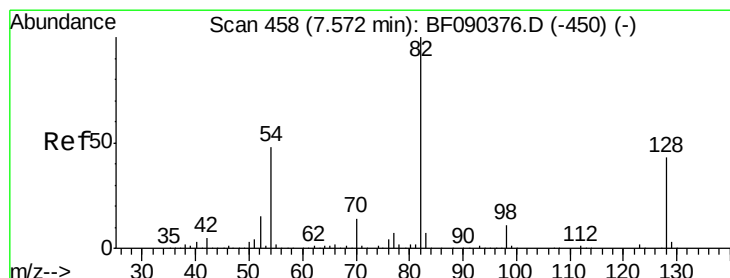
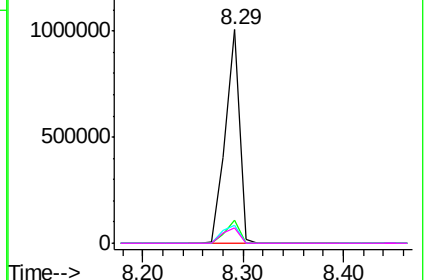
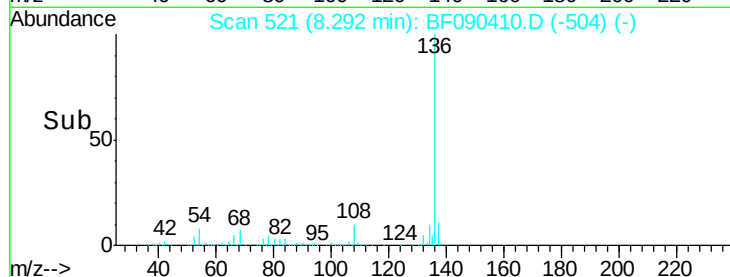


Abundance Ion 136.00 (135.70 to 136.70): E

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: 80.41 ng

RT: 7.56 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF090410.D

Acq: 6 Oct 2016 5:17

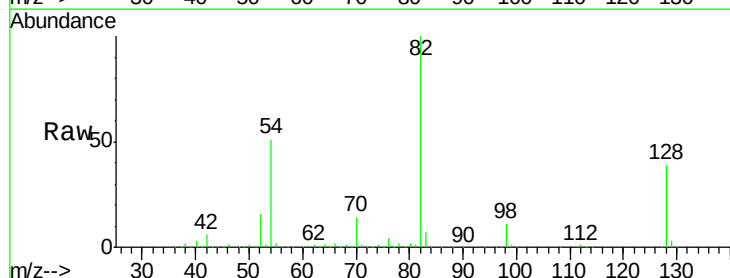
Tgt Ion: 82 Resp: 1635065

Ion Ratio Lower Upper

82 100

128 38.5 40.0 60.0#

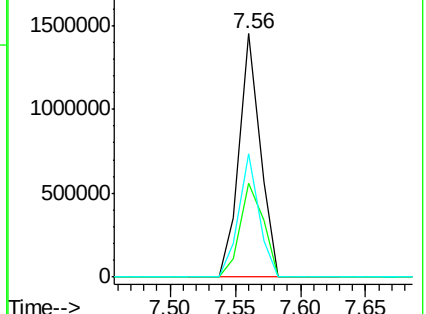
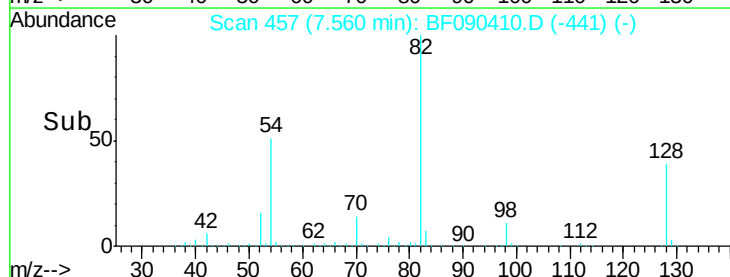
54 50.8 42.6 64.0

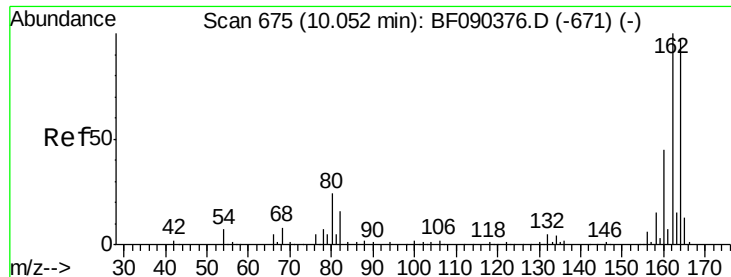


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.05 min Scan# 675

Delta R.T. -0.00 min

Lab File: BF090410.D

Acq: 6 Oct 2016 5:17

Instrument :

BNA_F

ClientSampleId :

CHA-STA-1698-D(0-2)

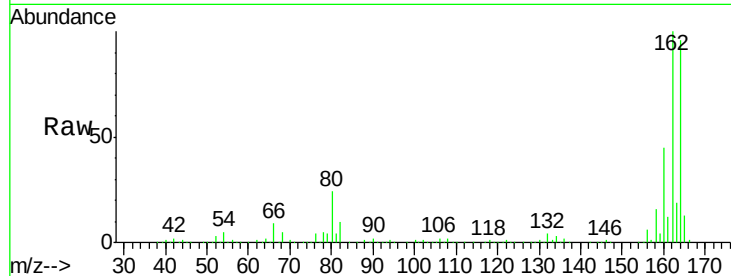
Tgt Ion:164 Resp: 475194

Ion Ratio Lower Upper

164 100

162 104.4 80.1 120.1

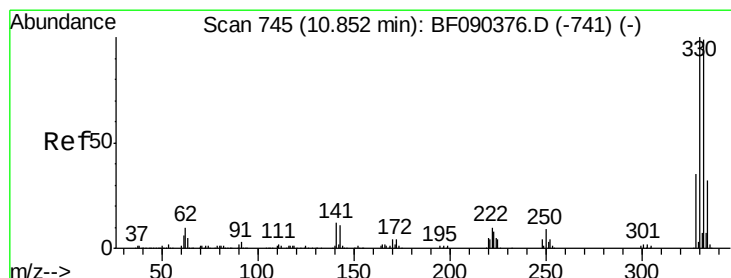
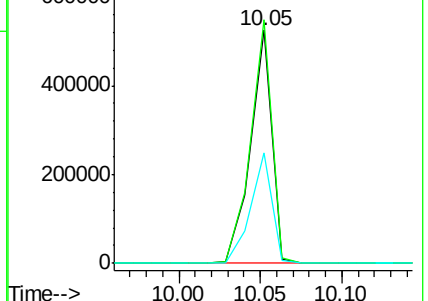
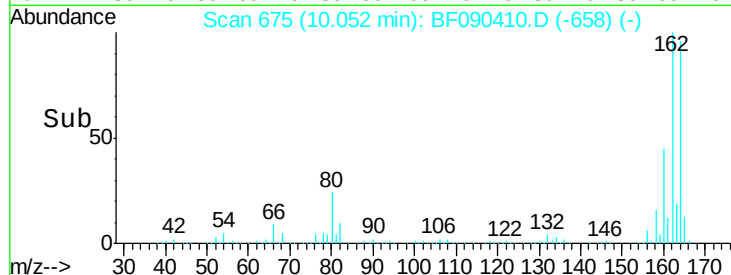
160 47.4 36.3 54.5



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: 156.10 ng

RT: 10.84 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF090410.D

Acq: 6 Oct 2016 5:17

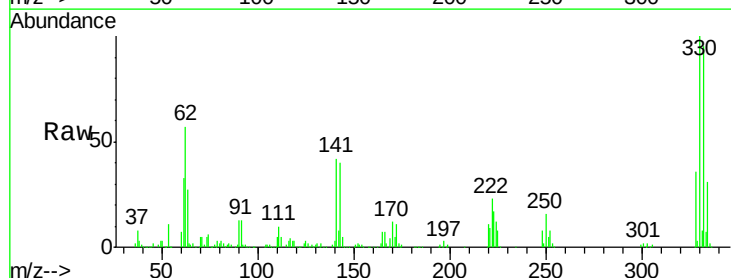
Tgt Ion:330 Resp: 603156

Ion Ratio Lower Upper

330 100

332 95.4 75.4 113.0

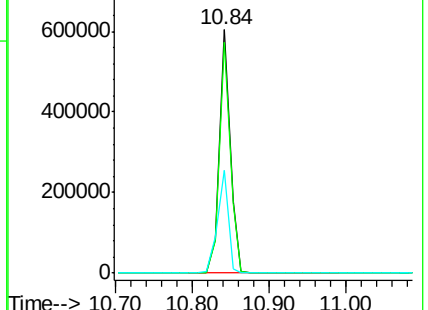
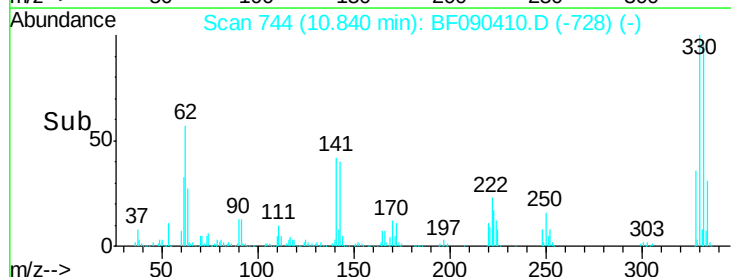
141 41.4 26.9 40.3#

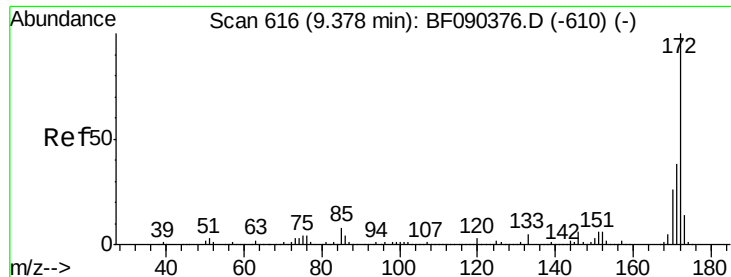


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

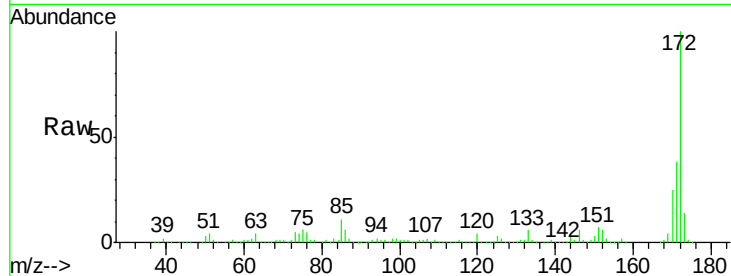




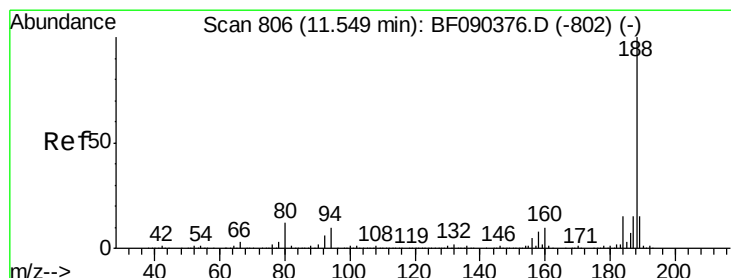
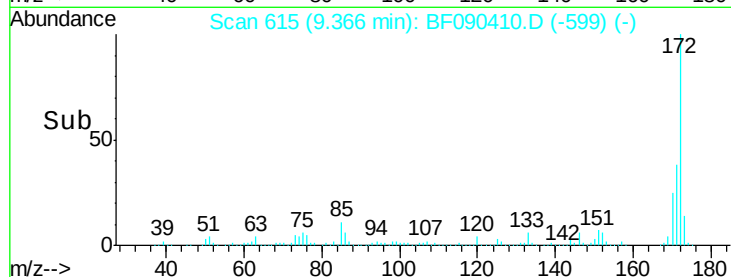
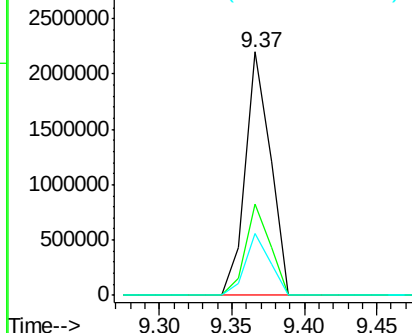
#44
 2-Fluorobiphenyl
 Concen: 92.61 ng
 RT: 9.37 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF090410.D
 Acq: 6 Oct 2016 5:17

Instrument :
 BNA_F
 ClientSampleId :
 CHA-STA-1698-D(0-2)

Tgt Ion:172 Resp: 2641214
 Ion Ratio Lower Upper
 172 100
 171 37.8 31.8 47.8
 170 25.5 21.7 32.5

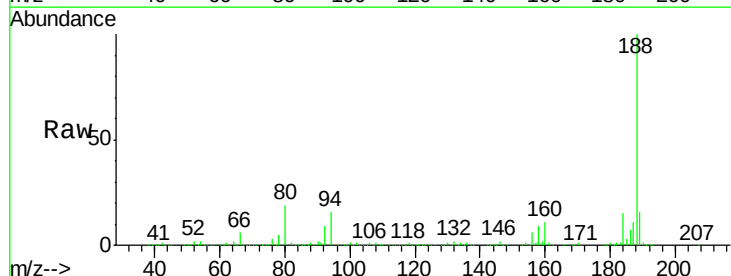


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

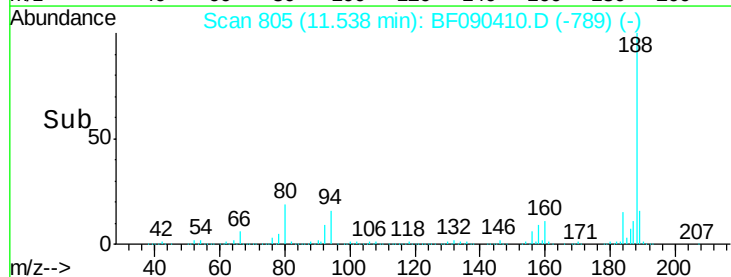
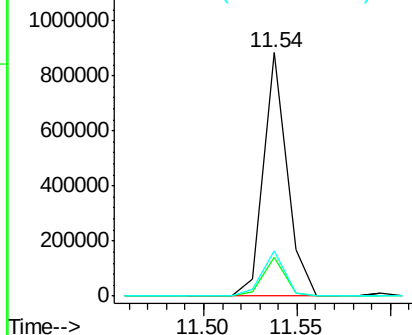


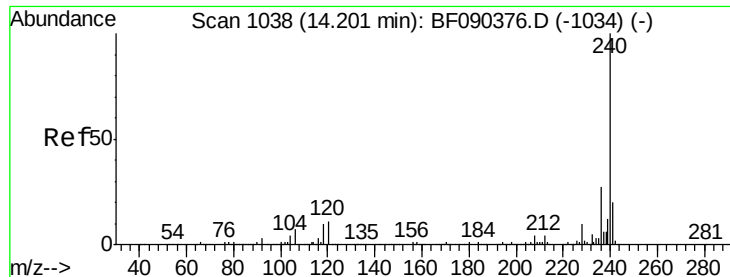
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.54 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF090410.D
 Acq: 6 Oct 2016 5:17

Tgt Ion:188 Resp: 765818
 Ion Ratio Lower Upper
 188 100
 94 15.8 8.2 12.2#
 80 18.6 8.8 13.2#



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: 14.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF090410.D

Acq: 6 Oct 2016 5:17

Instrument :

BNA_F

ClientSampleId :

CHA-STA-1698-D(0-2)

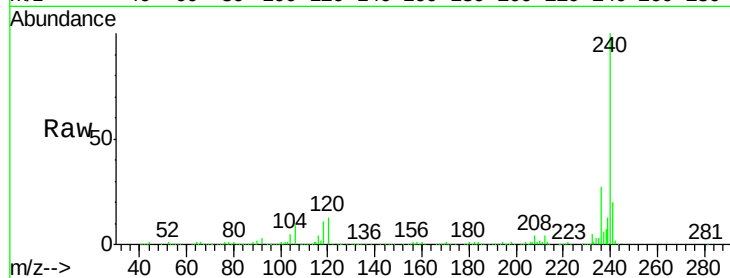
Tgt Ion:240 Resp: 611336

Ion Ratio Lower Upper

240 100

120 12.6 8.6 13.0

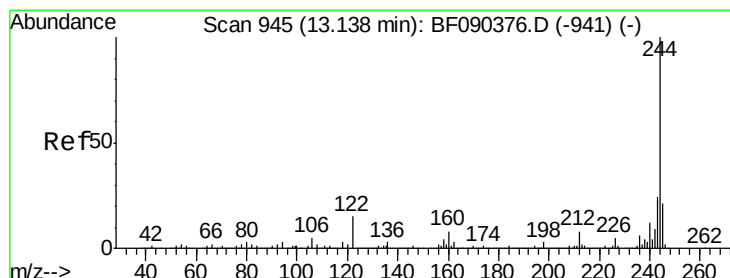
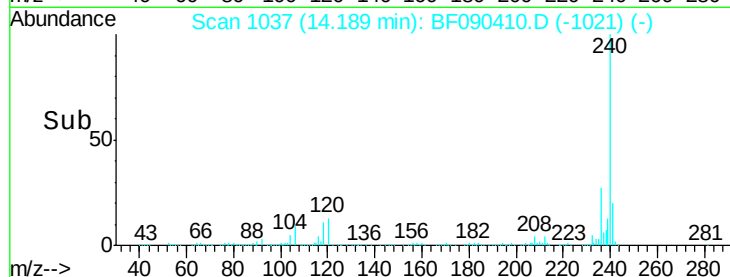
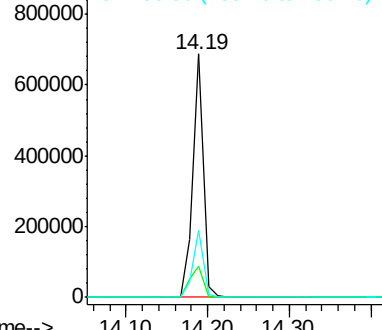
236 27.4 21.6 32.4



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: 108.90 ng

RT: 13.14 min Scan# 945

Delta R.T. -0.00 min

Lab File: BF090410.D

Acq: 6 Oct 2016 5:17

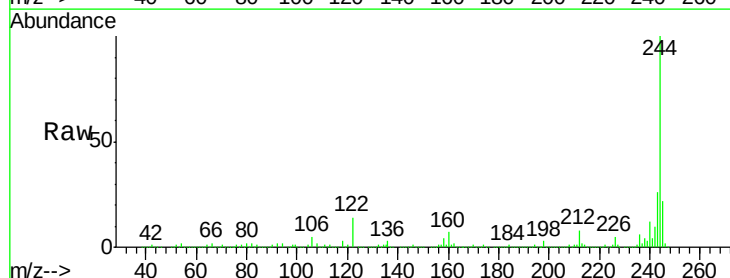
Tgt Ion:244 Resp: 2961164

Ion Ratio Lower Upper

244 100

212 7.8 6.8 10.2

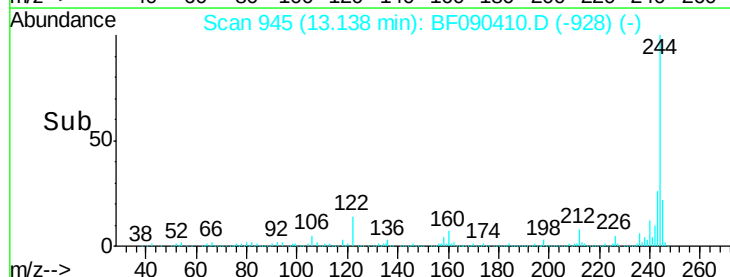
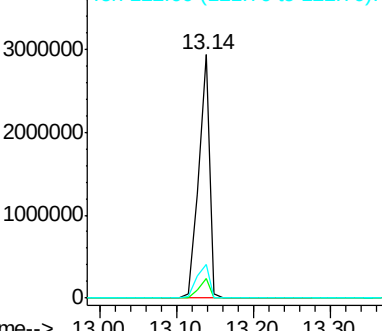
122 13.7 13.3 19.9

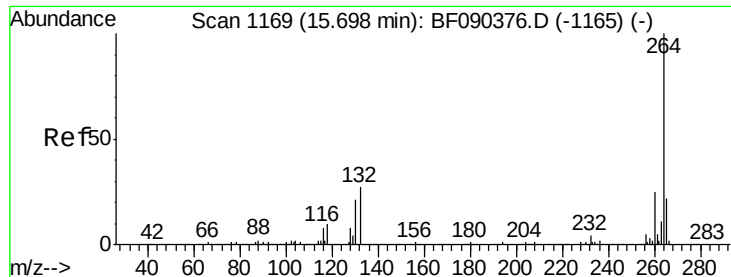


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

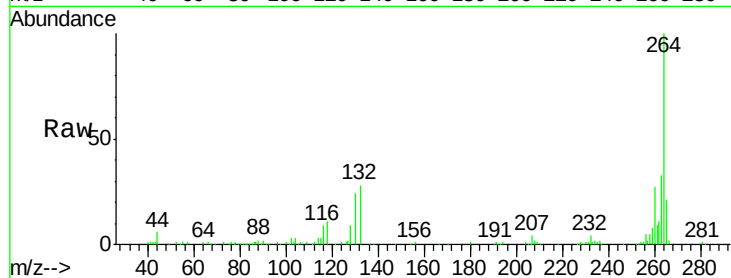




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.69 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF090410.D
Acq: 6 Oct 2016 5:17

Instrument :
BNA_F
ClientSampleId :
CHA-STA-1698-D(0-2)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.5	19.3	28.9
265	21.2	17.4	26.0



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

