

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100516\
 Data File : BF090403.D
 Acq On : 6 Oct 2016 2:02
 Operator : UM/SJ
 Sample : H5061-20
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B003-30-35

Quant Time: Oct 06 05:54:55 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

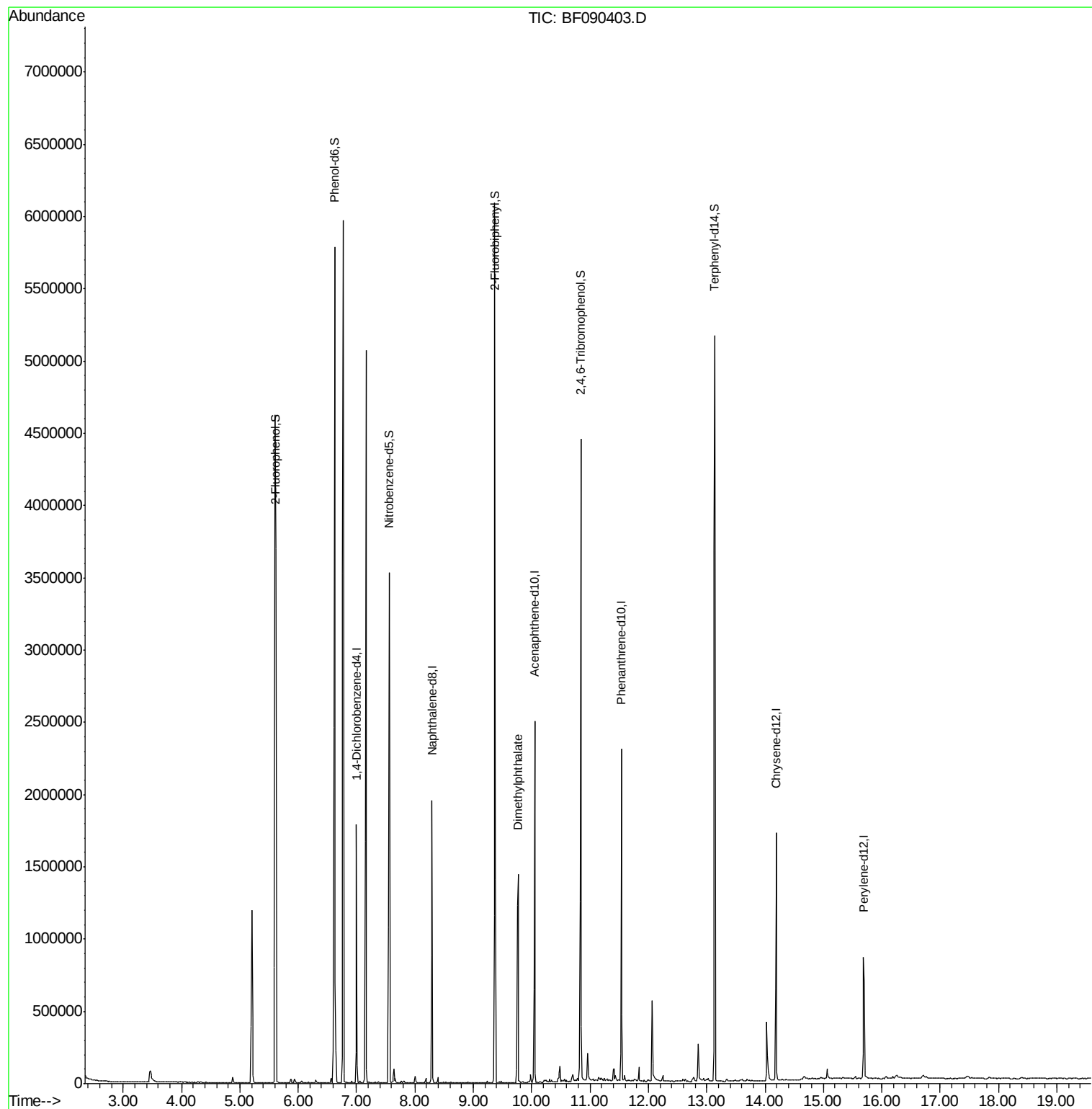
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	225853	20.00	ng	0.00
21) Naphthalene-d8	8.29	136	950424	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	490642	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	728667	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	561062	20.00	ng	-0.01
86) Perylene-d12	15.69	264	403522	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	1744510	115.28	ng	0.01
7) Phenol-d6	6.62	99	2092367	105.57	ng	0.00
23) Nitrobenzene-d5	7.56	82	1211852	62.02	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	450070	112.81	ng	-0.01
44) 2-Fluorobiphenyl	9.37	172	1879080	63.81	ng	-0.01
78) Terphenyl-d14	13.14	244	2027182	81.23	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.77	163	832332	26.49	ng	97

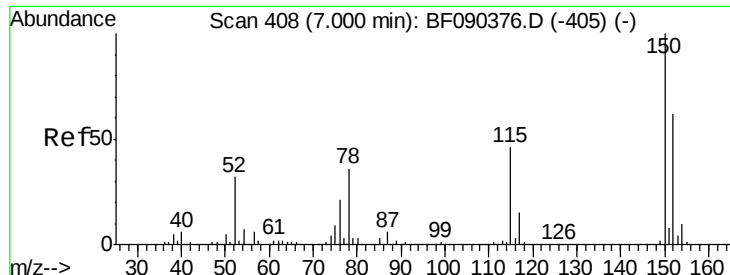
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.00 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF090403.D

Acq: 6 Oct 2016 2:02

Instrument :

BNA_F

ClientSampleId :

SUP-B003-30-35

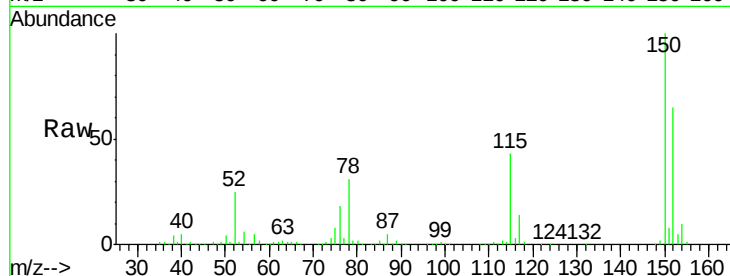
Tot Ion:152 Resp: 225853

Ion Ratio Lower Upper

152 100

150 154.4 124.6 186.8

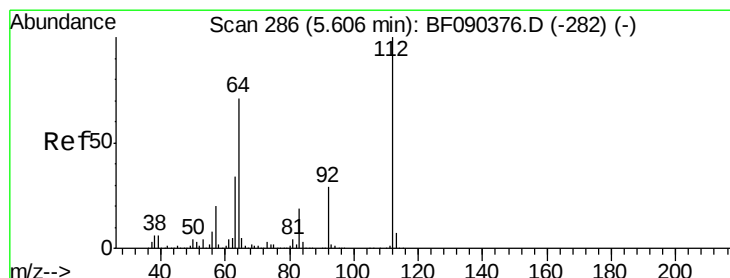
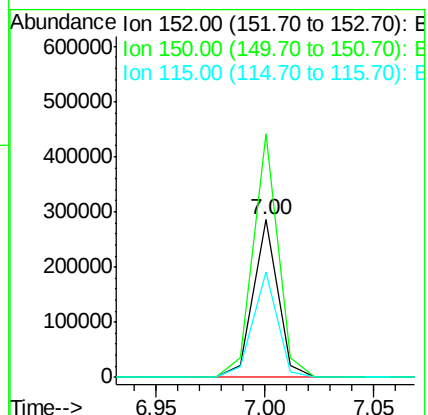
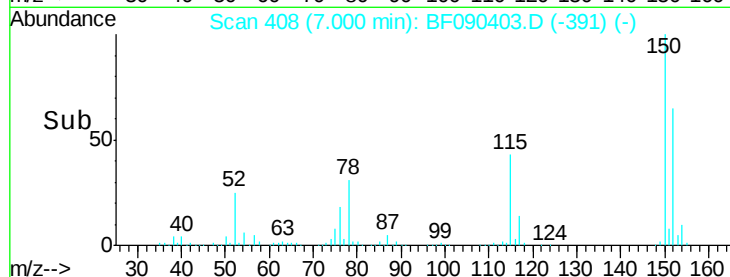
115 66.4 46.2 69.4



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: 115.28 ng

RT: 5.62 min Scan# 287

Delta R.T. 0.01 min

Lab File: BF090403.D

Acq: 6 Oct 2016 2:02

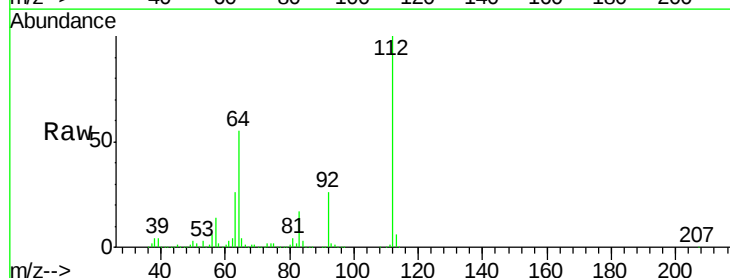
Tgt Ion:112 Resp: 1744510

Ion Ratio Lower Upper

112 100

64 54.5 57.9 86.9#

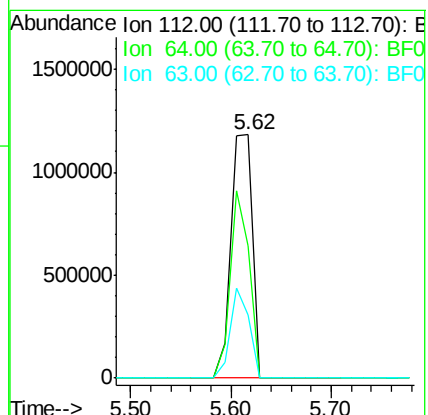
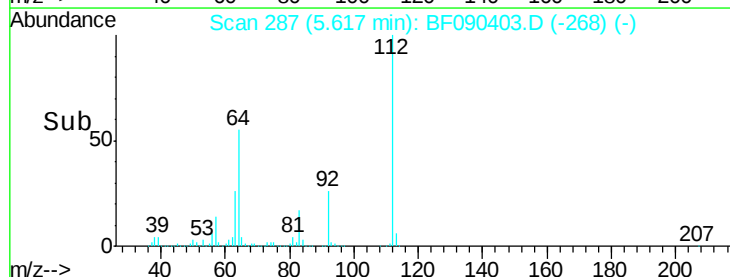
63 26.0 29.6 44.4#

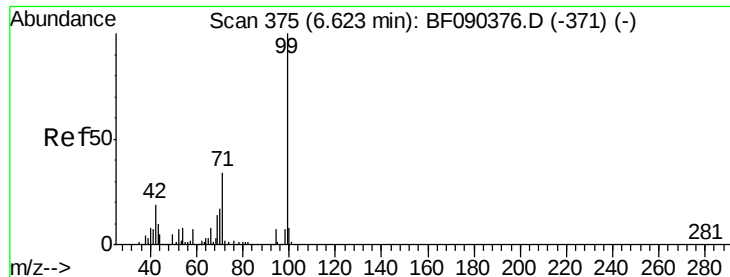


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 105.57 ng

RT: 6.62 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF090403.D

Acq: 6 Oct 2016 2:02

Instrument :

BNA_F

ClientSampleId :

SUP-B003-30-35

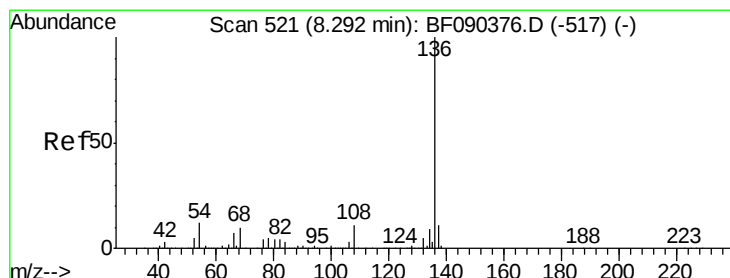
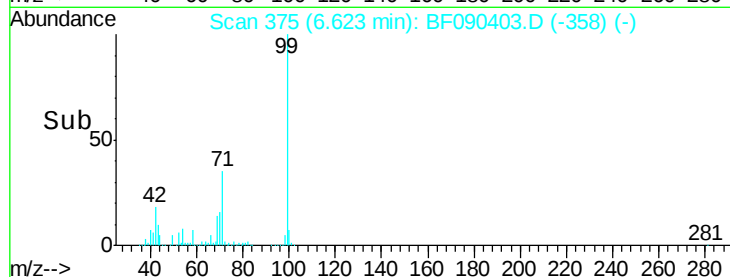
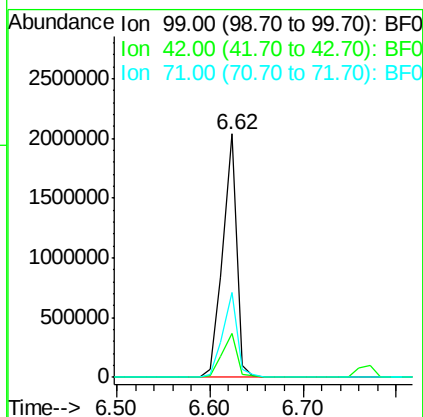
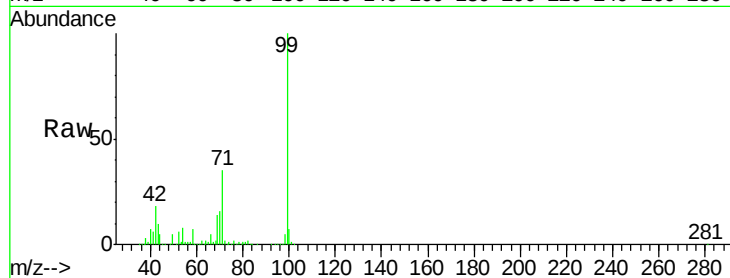
Tot Ion: 99 Resp: 2092367

Ion Ratio Lower Upper

99 100

42 17.9 20.0 30.0#

71 34.7 27.9 41.9



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.29 min Scan# 521

Delta R.T. -0.00 min

Lab File: BF090403.D

Acq: 6 Oct 2016 2:02

Tgt Ion: 136 Resp: 950424

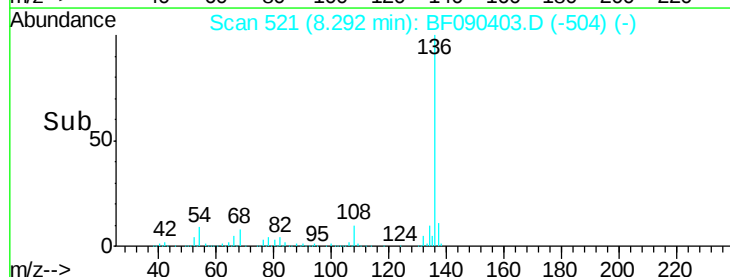
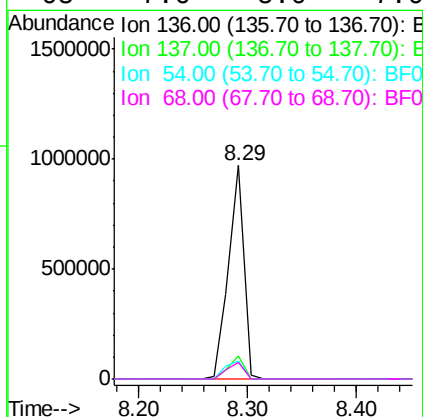
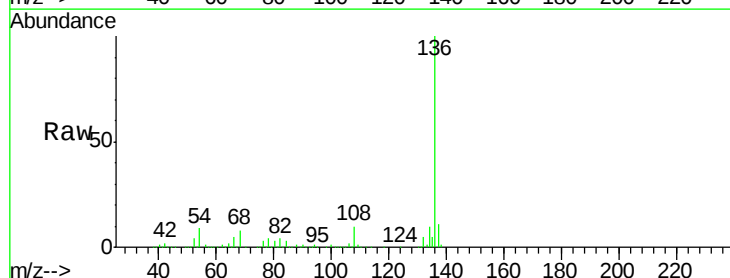
Ion Ratio Lower Upper

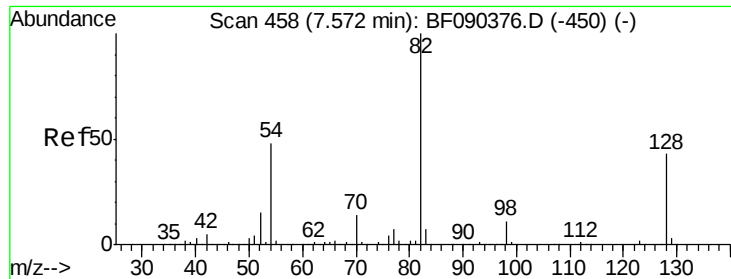
136 100

137 10.8 9.0 13.6

54 8.5 6.6 10.0

68 7.6 5.0 7.6#

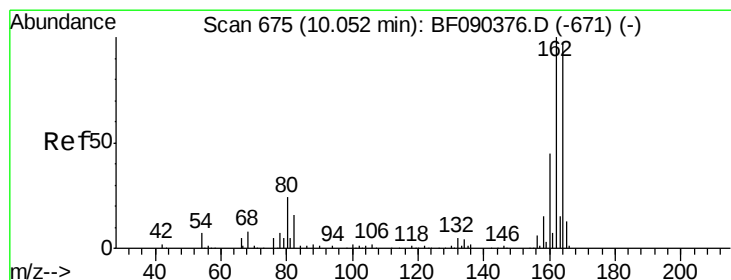
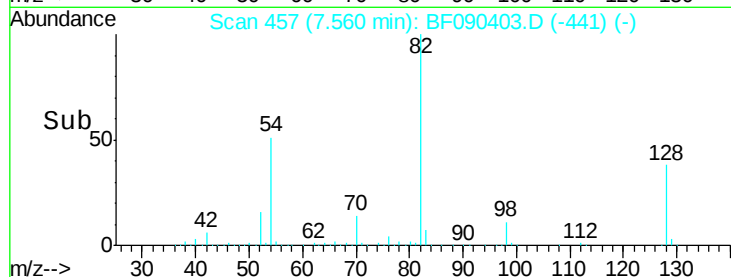
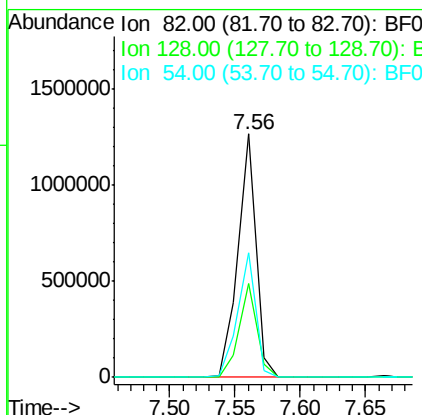
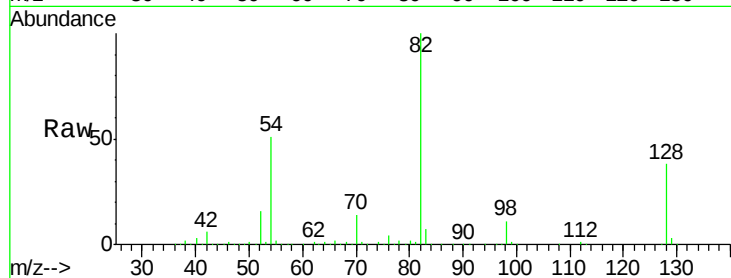




#23
 Nitrobenzene-d5
 Concen: 62.02 ng
 RT: 7.56 min Scan# 457
 Delta R.T. -0.01 min
 Lab File: BF090403.D
 Acq: 6 Oct 2016 2:02

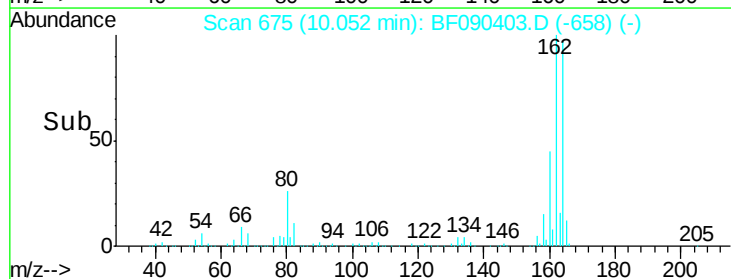
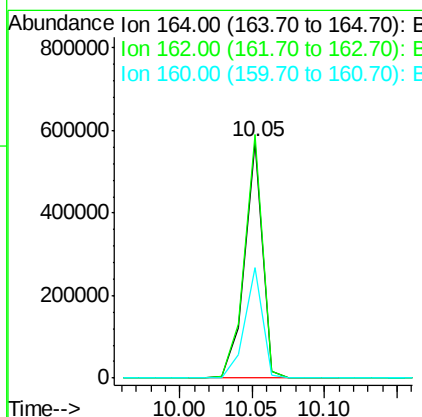
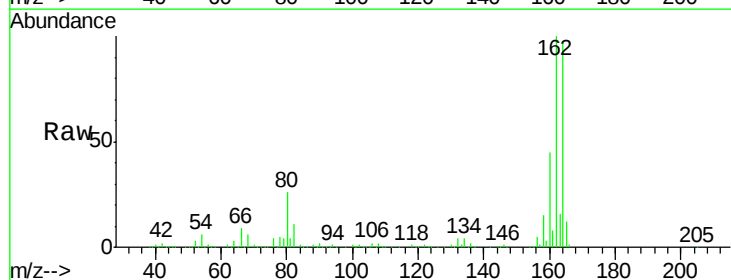
Instrument :
 BNA_F
 ClientSampleId :
 SUP-B003-30-35

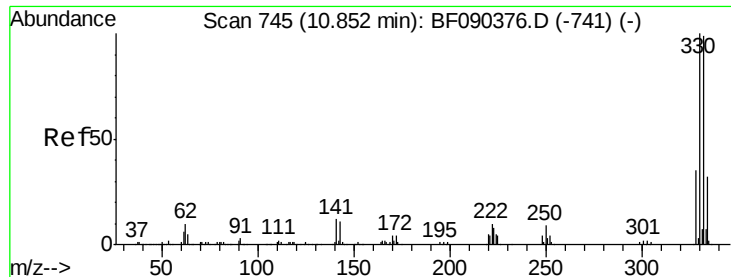
Tot Ion: 82 Resp: 1211852
 Ion Ratio Lower Upper
 82 100
 128 38.4 40.0 60.0#
 54 51.2 42.6 64.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.05 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: BF090403.D
 Acq: 6 Oct 2016 2:02

Tgt Ion:164 Resp: 490642
 Ion Ratio Lower Upper
 164 100
 162 103.2 80.1 120.1
 160 46.6 36.3 54.5

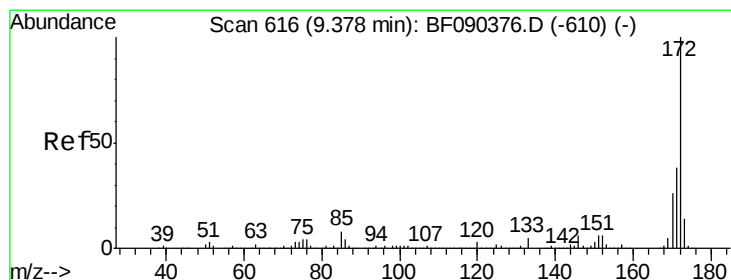
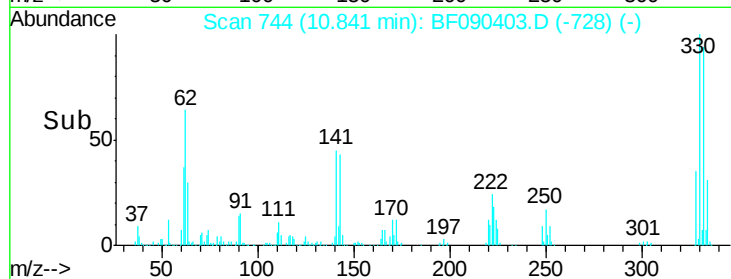
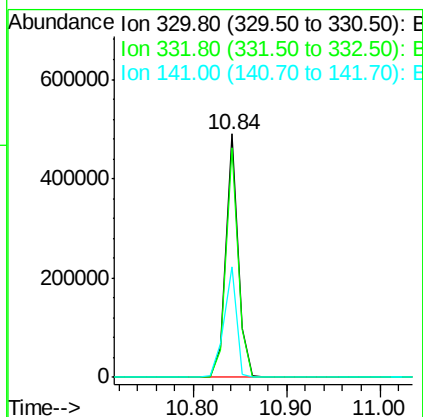
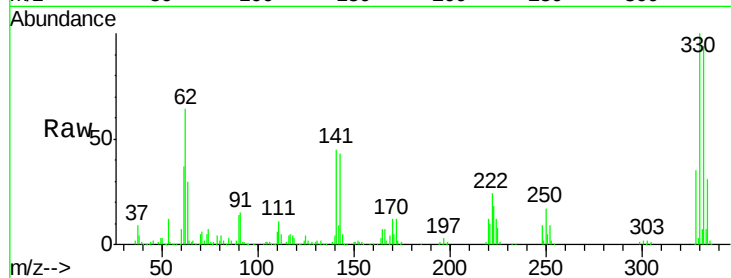




#41
 2,4,6-Tribromophenol
 Concen: 112.81 ng
 RT: 10.84 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF090403.D
 Acq: 6 Oct 2016 2:02

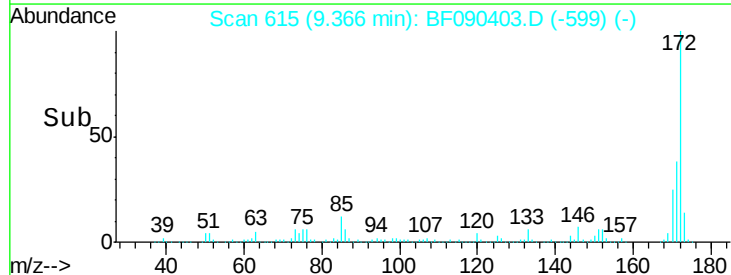
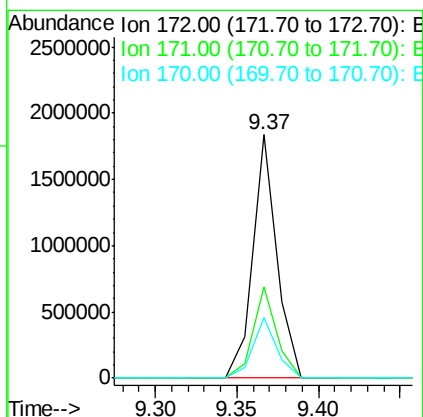
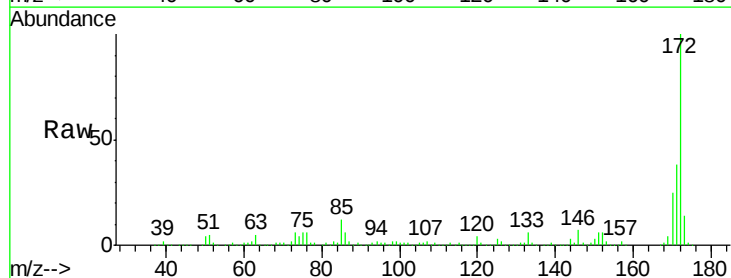
Instrument :
 BNA_F
 ClientSampleId :
 SUP-B003-30-35

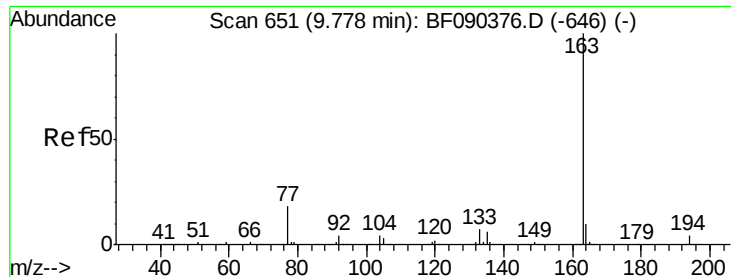
Tot Ion:330 Resp: 450070
 Ion Ratio Lower Upper
 330 100
 332 94.8 75.4 113.0
 141 46.0 26.9 40.3#



#44
 2-Fluorobiphenyl
 Concen: 63.81 ng
 RT: 9.37 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF090403.D
 Acq: 6 Oct 2016 2:02

Tgt Ion:172 Resp: 1879080
 Ion Ratio Lower Upper
 172 100
 171 37.5 31.8 47.8
 170 25.0 21.7 32.5





#49

Dimethylphthalate

Concen: 26.49 ng

RT: 9.77 min Scan# 650

Delta R.T. -0.01 min

Lab File: BF090403.D

Acq: 6 Oct 2016 2:02

Instrument :

BNA_F

ClientSampleId :

SUP-B003-30-35

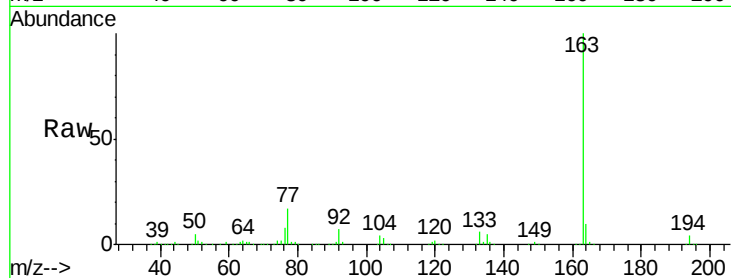
Tot Ion:163 Resp: 832332

Ion Ratio Lower Upper

163 100

194 3.6 2.8 4.2

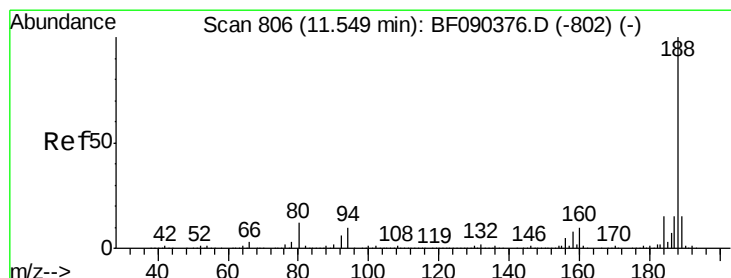
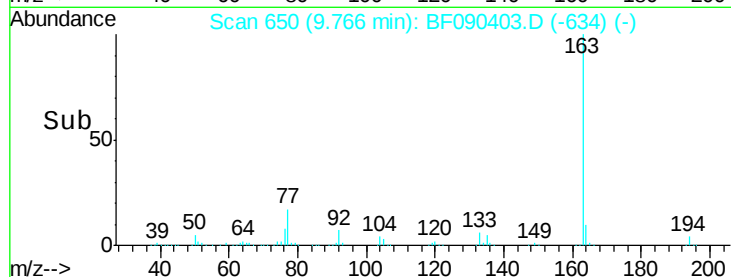
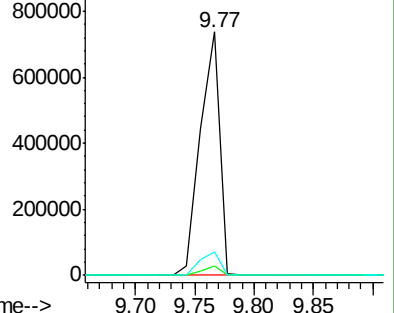
164 9.6 9.0 13.4



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: 11.54 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF090403.D

Acq: 6 Oct 2016 2:02

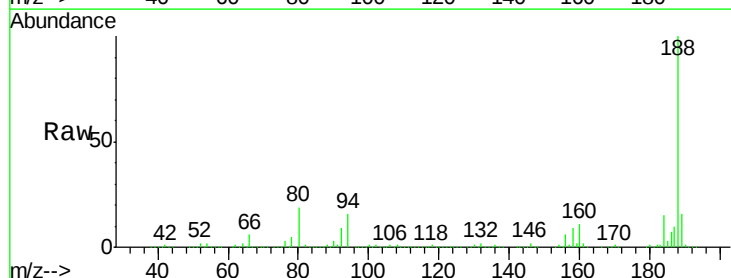
Tgt Ion:188 Resp: 728667

Ion Ratio Lower Upper

188 100

94 16.2 8.2 12.2#

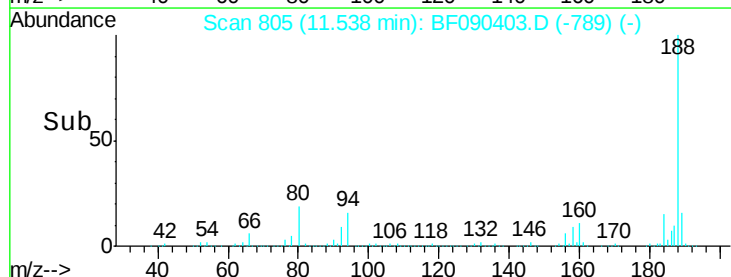
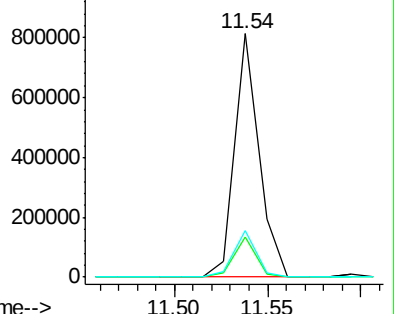
80 19.3 8.8 13.2#

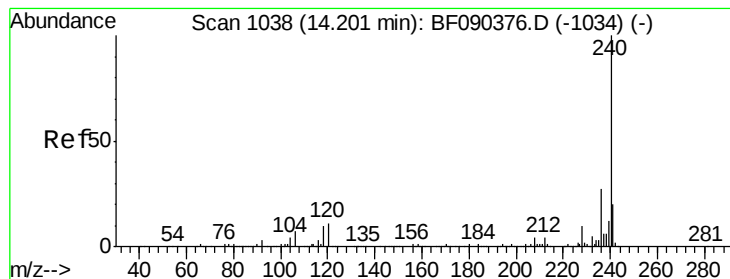


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF090403.D

Acq: 6 Oct 2016 2:02

Instrument :

BNA_F

ClientSampleId :

SUP-B003-30-35

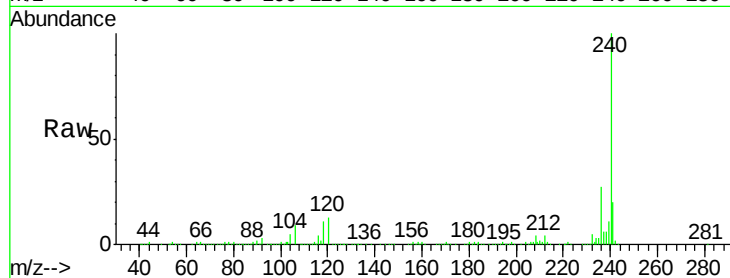
Tot Ion:240 Resp: 561062

Ion Ratio Lower Upper

240 100

120 12.6 8.6 13.0

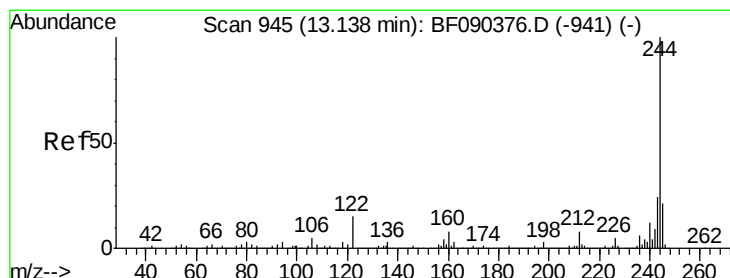
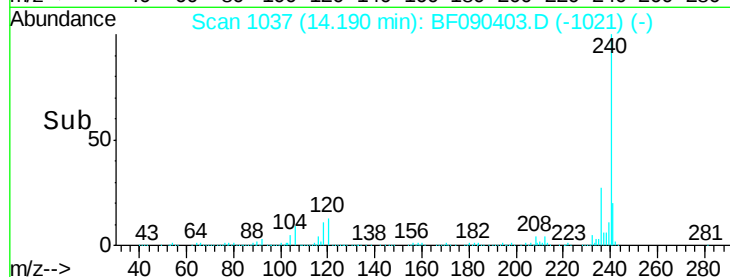
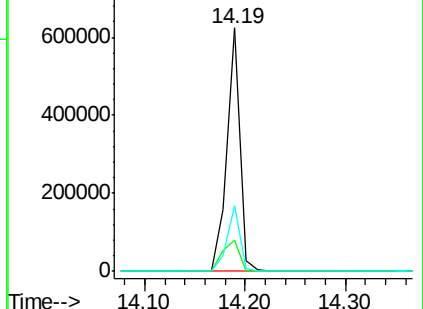
236 26.8 21.6 32.4



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: 81.23 ng

RT: 13.14 min Scan# 945

Delta R.T. -0.00 min

Lab File: BF090403.D

Acq: 6 Oct 2016 2:02

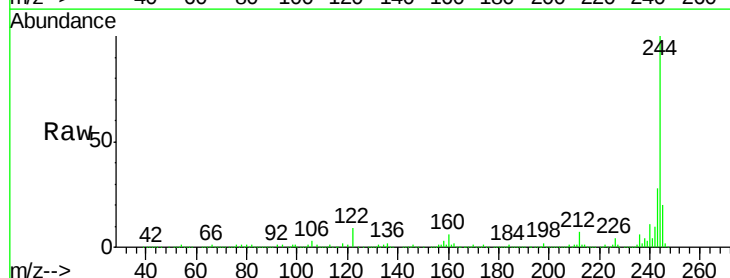
Tgt Ion:244 Resp: 2027182

Ion Ratio Lower Upper

244 100

212 6.8 6.8 10.2

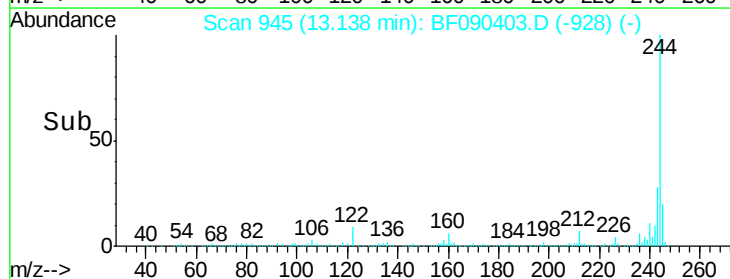
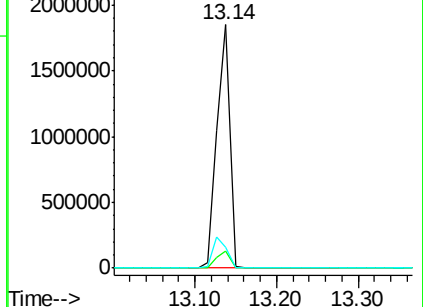
122 8.6 13.3 19.9#

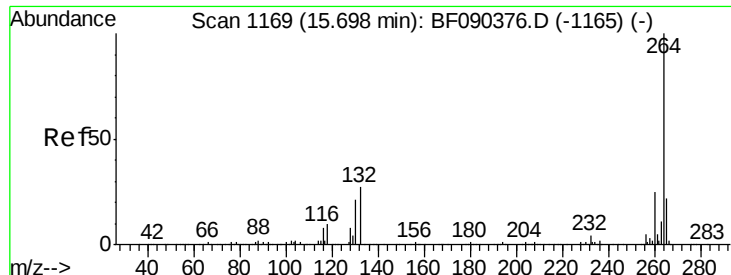


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

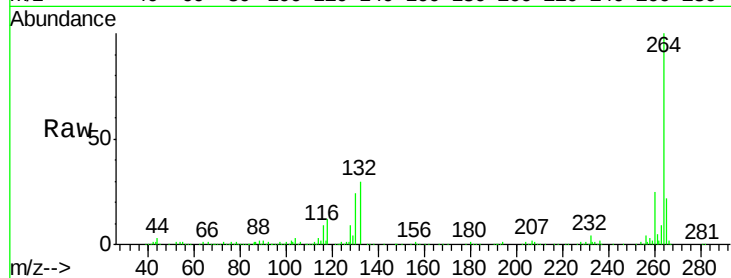




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.69 min Scan# 1168
 Delta R.T. -0.01 min
 Lab File: BF090403.D
 Acq: 6 Oct 2016 2:02

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B003-30-35

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.3	28.9
265	21.8	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

