

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
 Data File : BF090441.D
 Acq On : 7 Oct 2016 13:07
 Operator : UM/SJ
 Sample : H5121-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WS-T1

Quant Time: Oct 07 14:02:20 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 07 13:55:49 2016
 Response via : Initial Calibration

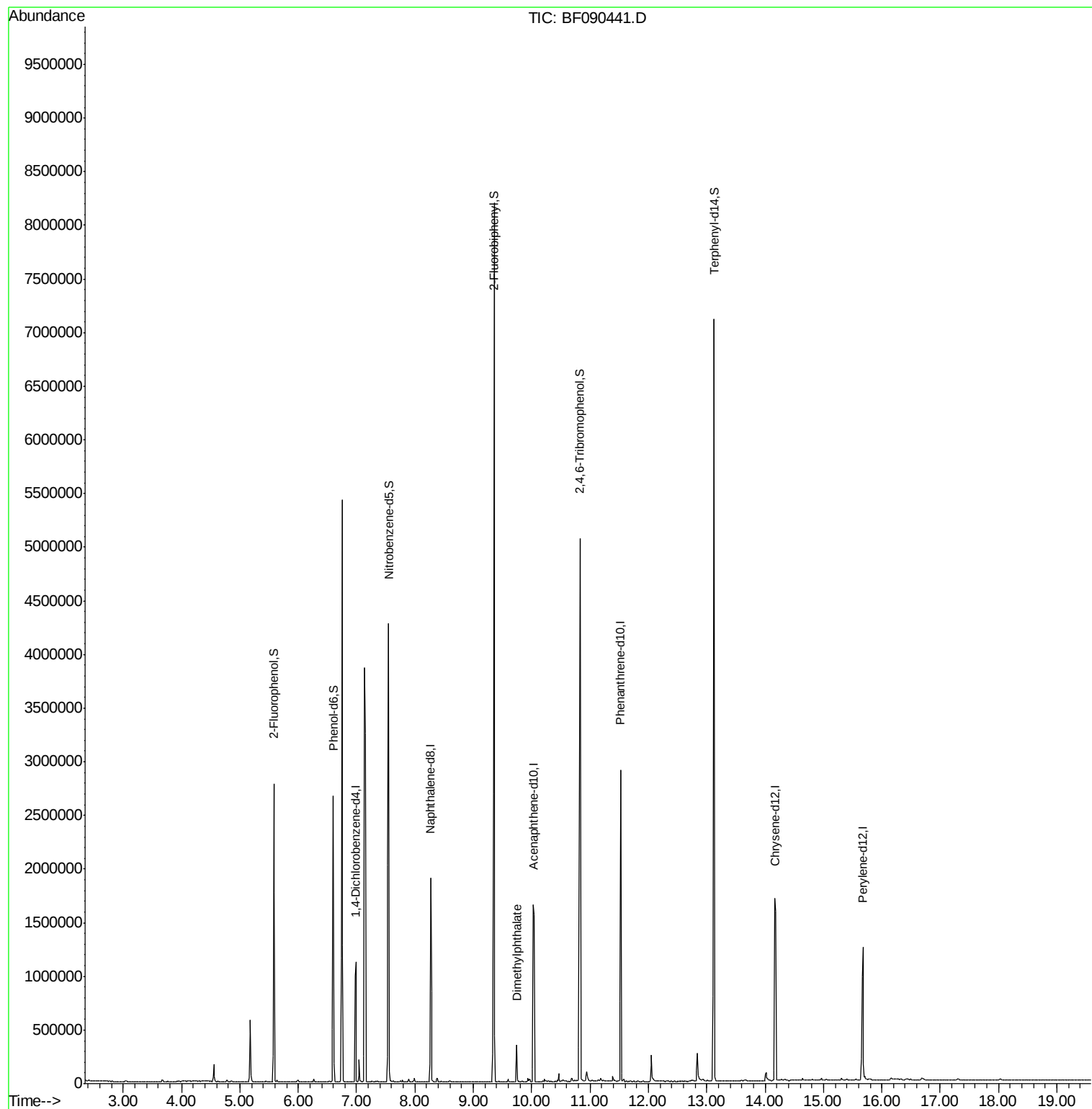
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.99	152	236065	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	963218	20.00	ng	-0.01
38) Acenaphthene-d10	10.04	164	518053	20.00	ng	0.00
63) Phenanthrene-d10	11.53	188	969841	20.00	ng	0.00
75) Chrysene-d12	14.18	240	805129	20.00	ng	0.00
86) Perylene-d12	15.68	264	580372	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	955220	60.39	ng	0.00
7) Phenol-d6	6.60	99	817511	39.46	ng	-0.01
23) Nitrobenzene-d5	7.55	82	1632986	82.47	ng	0.00
41) 2,4,6-Tribromophenol	10.83	330	649540	154.20	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	2512543	80.81	ng	0.00
78) Terphenyl-d14	13.13	244	3172483	88.59	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.74	163	118733	3.58	ng	Qvalue 97

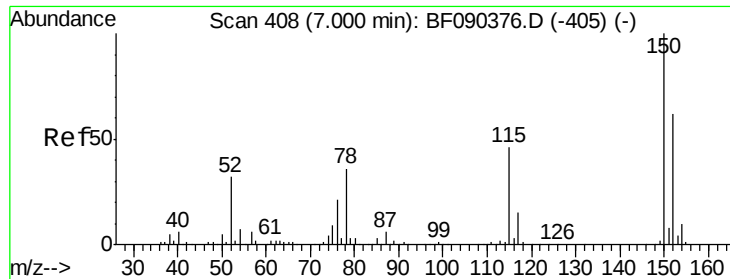
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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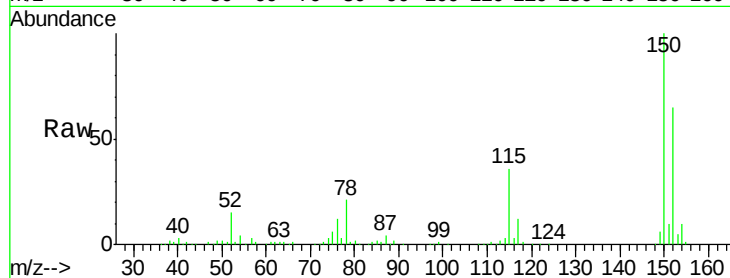




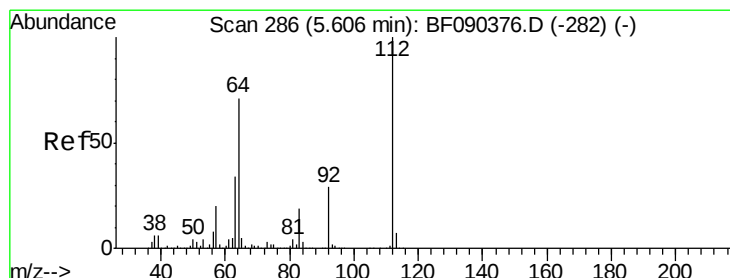
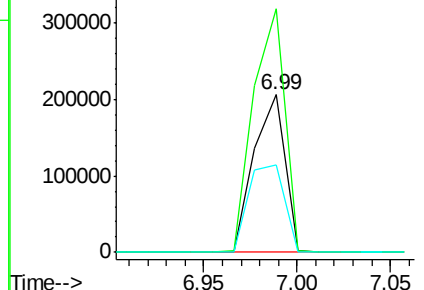
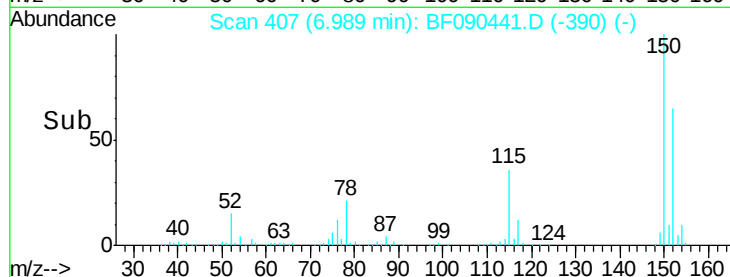
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.99 min Scan# 407
 Delta R.T. -0.00 min
 Lab File: BF090441.D
 Acq: 7 Oct 2016 13:07

Instrument :
 BNA_F
 ClientSampled :
 WS-T1

Tgt Ion:152 Resp: 236065
 Ion Ratio Lower Upper
 152 100
 150 154.7 124.6 186.8
 115 55.3 46.2 69.4

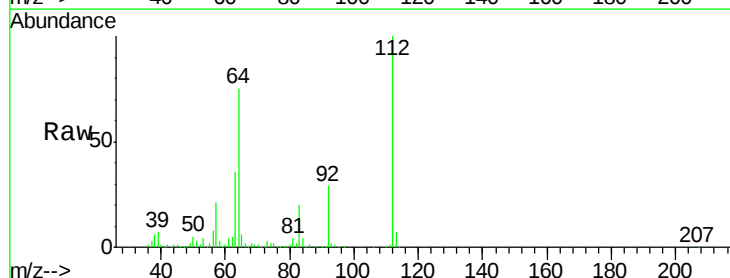


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

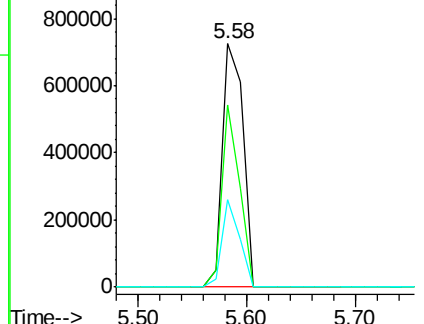
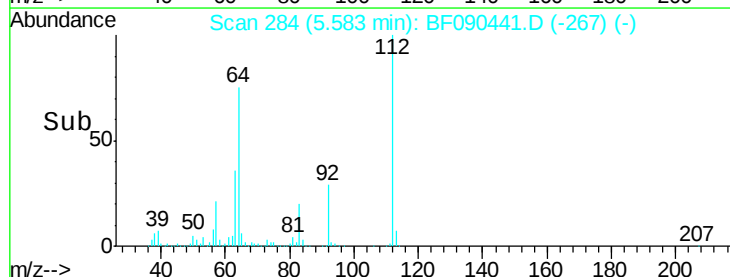


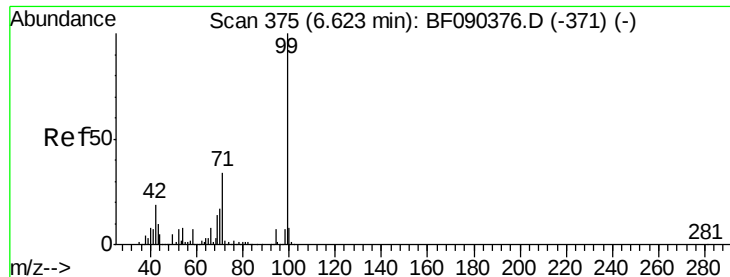
#5
 2-Fluorophenol
 Concen: 60.39 ng
 RT: 5.58 min Scan# 284
 Delta R.T. -0.00 min
 Lab File: BF090441.D
 Acq: 7 Oct 2016 13:07

Tgt Ion:112 Resp: 955220
 Ion Ratio Lower Upper
 112 100
 64 75.0 57.9 86.9
 63 36.0 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: 39.46 ng

RT: 6.60 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF090441.D

Acq: 7 Oct 2016 13:07

Instrument :

BNA_F

ClientSampleId :

WS-T1

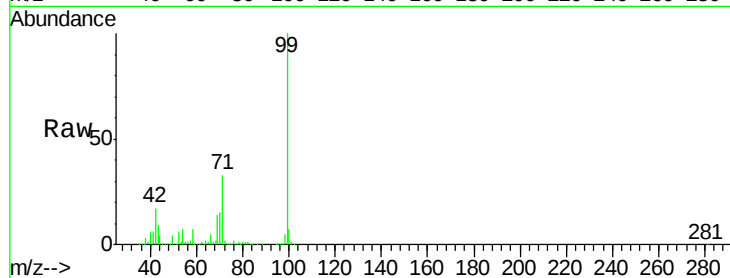
Tgt Ion: 99 Resp: 817511

Ion Ratio Lower Upper

99 100

42 16.9 20.0 30.0#

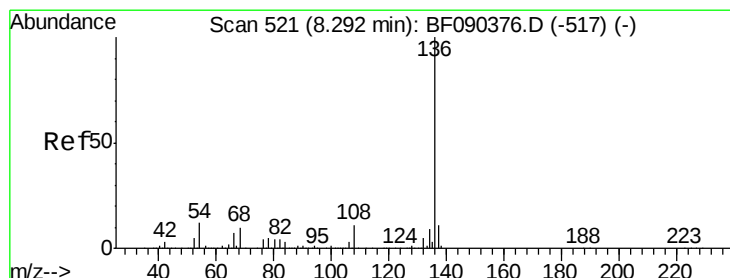
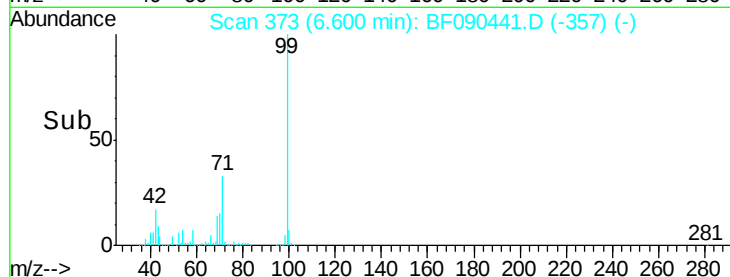
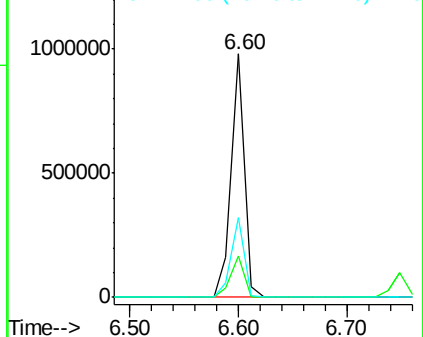
71 32.8 27.9 41.9



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: 8.27 min Scan# 519

Delta R.T. -0.01 min

Lab File: BF090441.D

Acq: 7 Oct 2016 13:07

Tgt Ion: 136 Resp: 963218

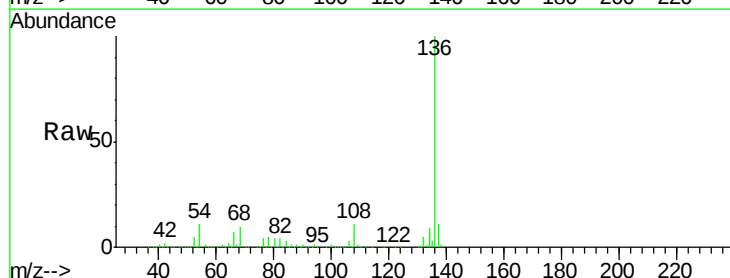
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.6

54 11.5 6.6 10.0#

68 9.9 5.0 7.6#

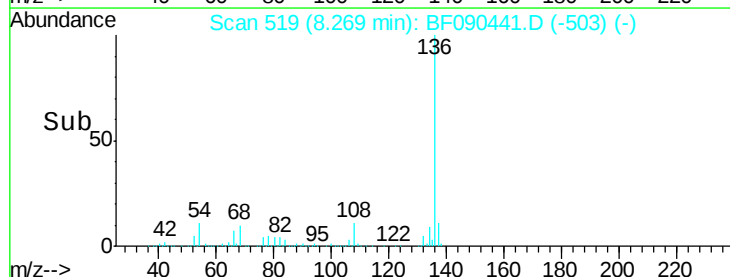
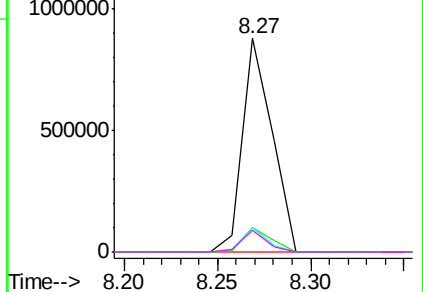


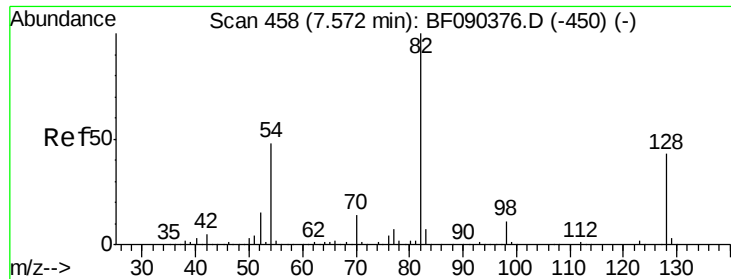
Abundance Ion 136.00 (135.70 to 136.70): E

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: 82.47 ng

RT: 7.55 min Scan# 456

Delta R.T. -0.00 min

Lab File: BF090441.D

Acq: 7 Oct 2016 13:07

Instrument :

BNA_F

ClientSampleId :

WS-T1

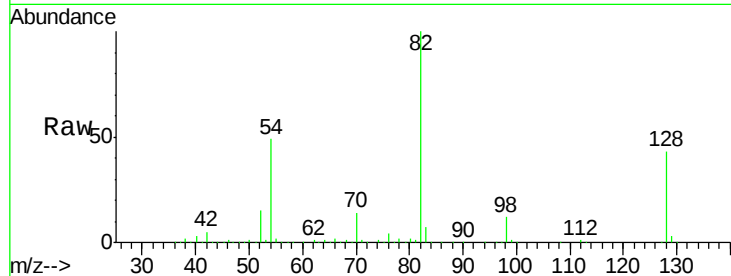
Tgt Ion: 82 Resp: 1632986

Ion Ratio Lower Upper

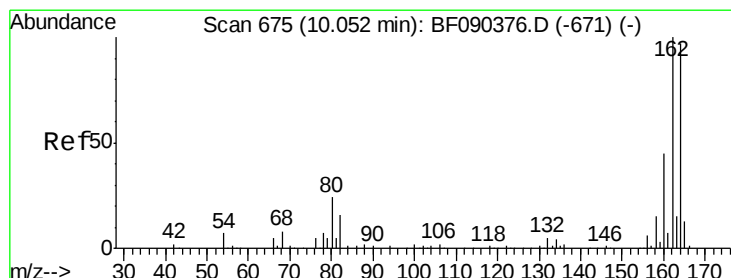
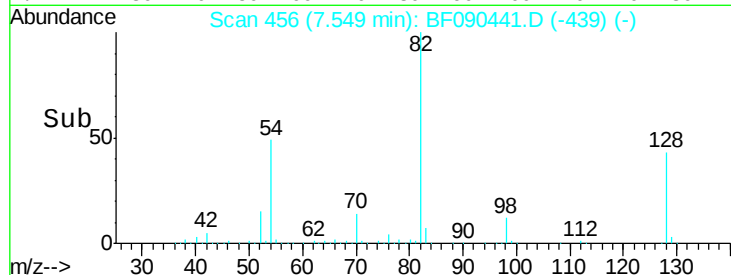
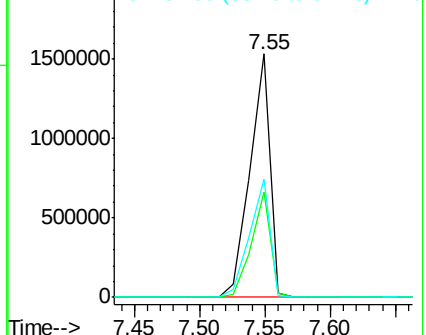
82 100

128 43.2 40.0 60.0

54 48.6 42.6 64.0



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: 10.04 min Scan# 674

Delta R.T. -0.00 min

Lab File: BF090441.D

Acq: 7 Oct 2016 13:07

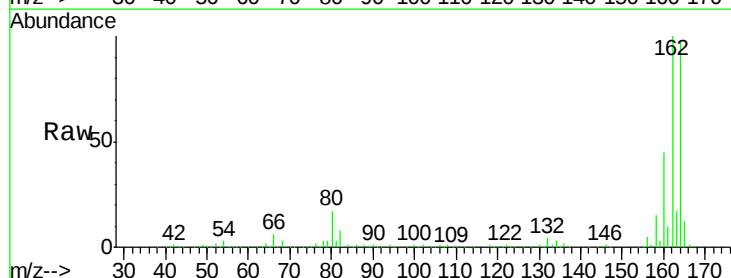
Tgt Ion: 164 Resp: 518053

Ion Ratio Lower Upper

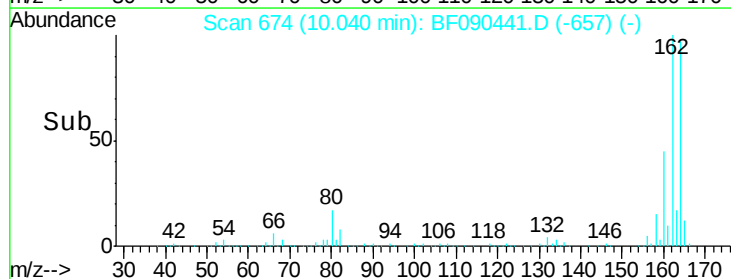
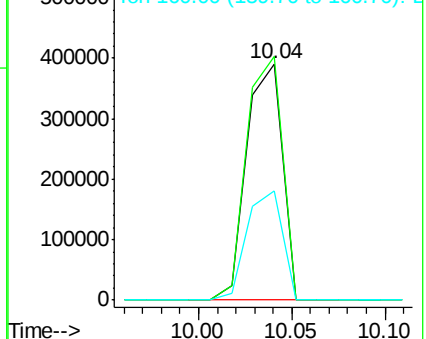
164 100

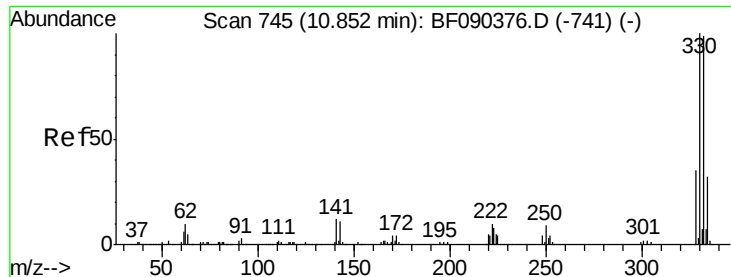
162 103.0 80.1 120.1

160 46.1 36.3 54.5



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

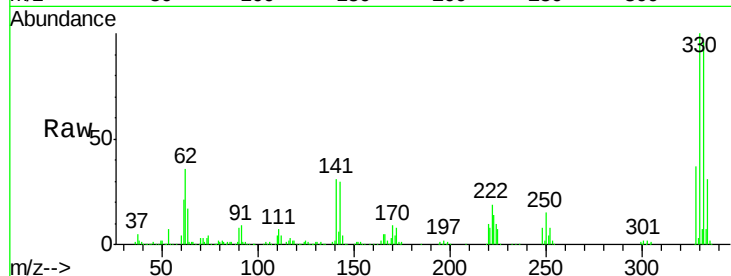




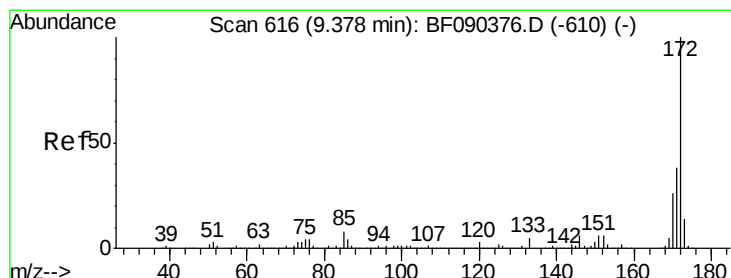
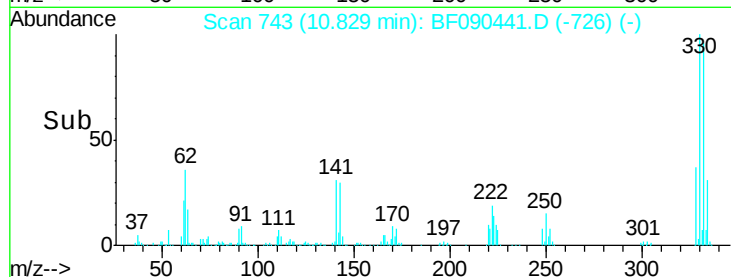
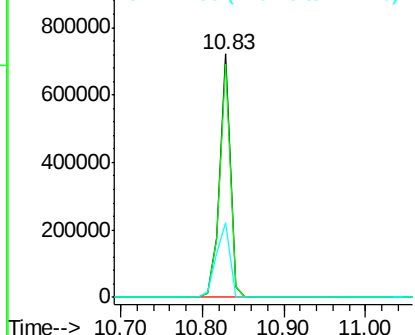
#41
 2,4,6-Tribromophenol
 Concen: 154.20 ng
 RT: 10.83 min Scan# 743
 Delta R.T. -0.00 min
 Lab File: BF090441.D
 Acq: 7 Oct 2016 13:07

Instrument :
 BNA_F
 ClientSampleID :
 WS-T1

Tgt Ion:330 Resp: 649540
 Ion Ratio Lower Upper
 330 100
 332 96.4 75.4 113.0
 141 39.6 26.9 40.3

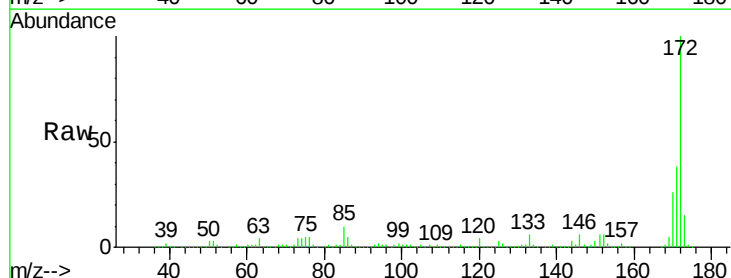


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

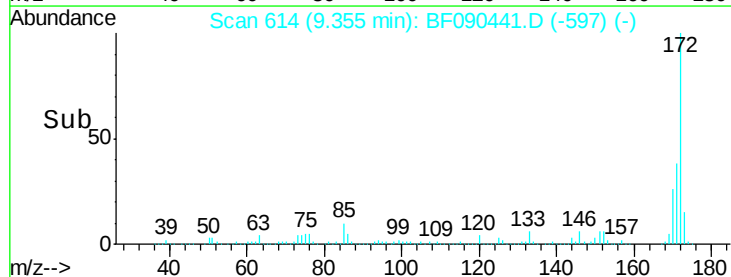
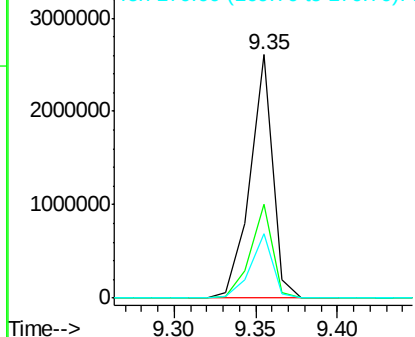


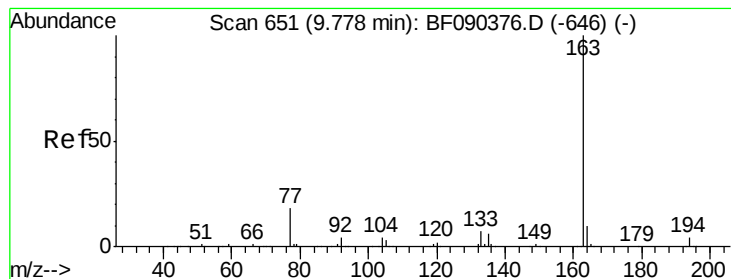
#44
 2-Fluorobiphenyl
 Concen: 80.81 ng
 RT: 9.35 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF090441.D
 Acq: 7 Oct 2016 13:07

Tgt Ion:172 Resp: 2512543
 Ion Ratio Lower Upper
 172 100
 171 38.4 31.8 47.8
 170 26.3 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





#49

Dimethylphthalate

Concen: 3.58 ng

RT: 9.74 min Scan# 648

Delta R.T. -0.02 min

Lab File: BF090441.D

Acq: 7 Oct 2016 13:07

Instrument :

BNA_F

ClientSampleId :

WS-T1

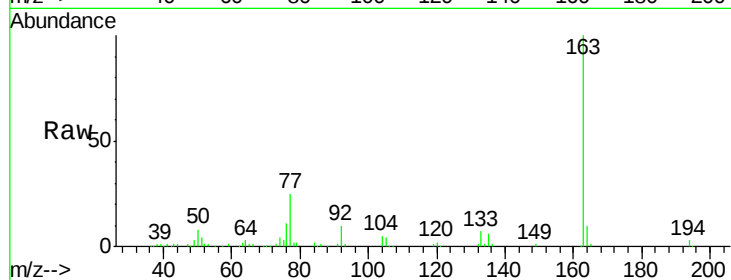
Tgt Ion:163 Resp: 118733

Ion Ratio Lower Upper

163 100

194 3.3 2.8 4.2

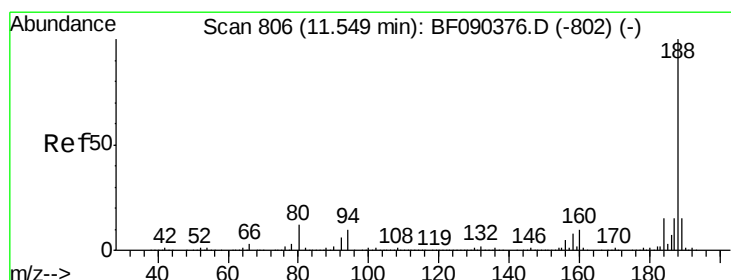
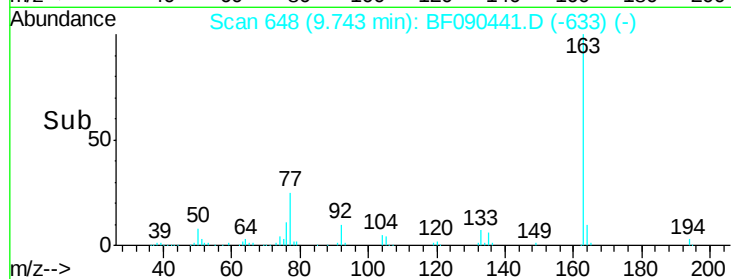
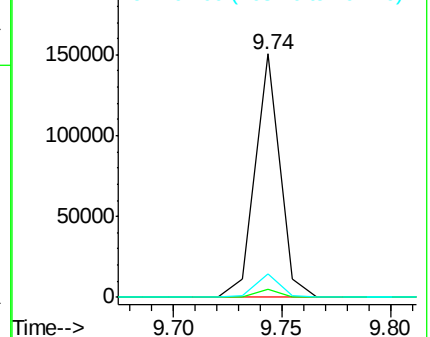
164 9.7 9.0 13.4



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: 11.53 min Scan# 804

Delta R.T. -0.00 min

Lab File: BF090441.D

Acq: 7 Oct 2016 13:07

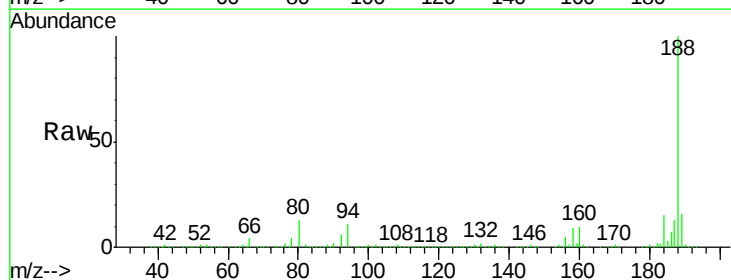
Tgt Ion:188 Resp: 969841

Ion Ratio Lower Upper

188 100

94 11.4 8.2 12.2

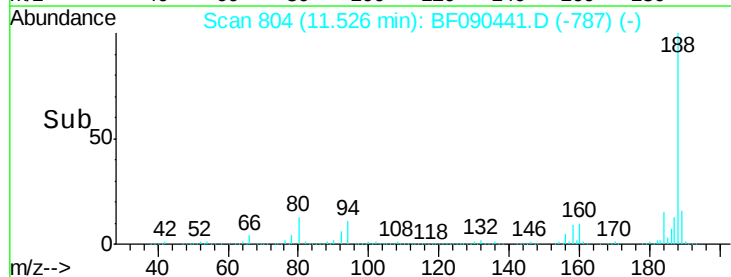
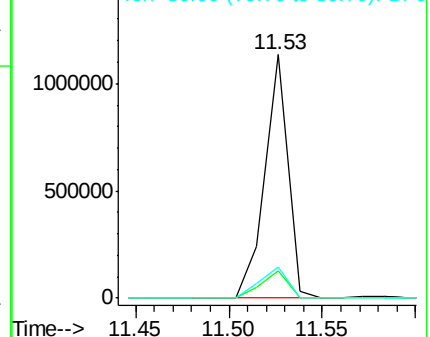
80 12.9 8.8 13.2

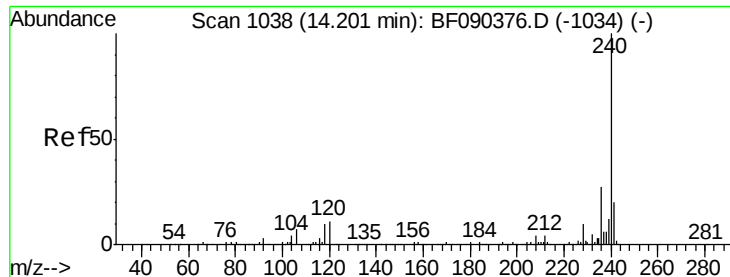


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.18 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BF090441.D

Acq: 7 Oct 2016 13:07

Instrument :

BNA_F

ClientSampleId :

WS-T1

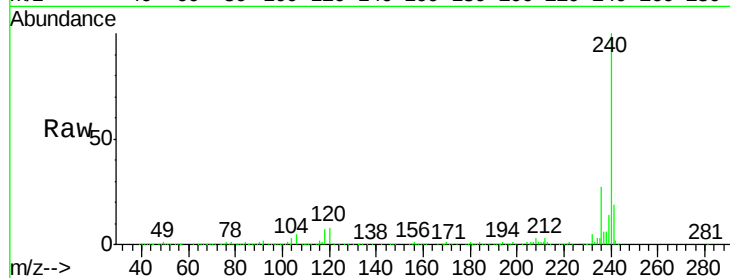
Tgt Ion:240 Resp: 805129

Ion Ratio Lower Upper

240 100

120 8.2 8.6 13.0#

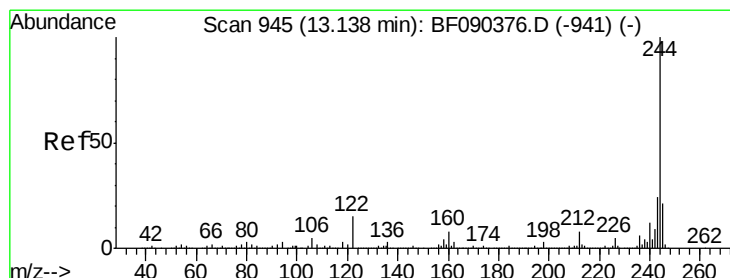
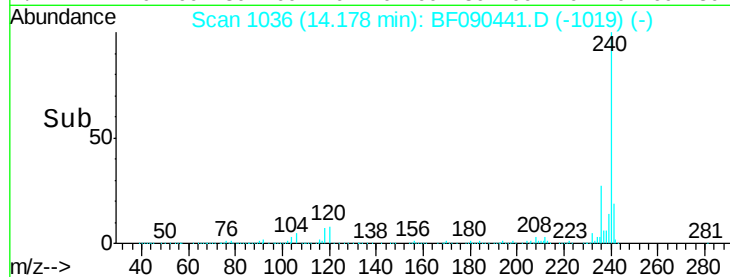
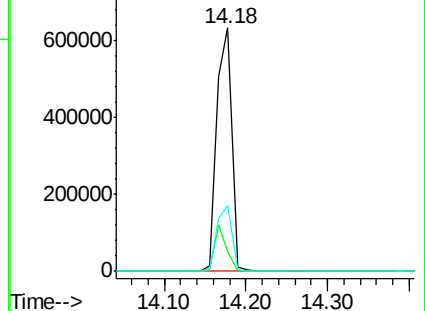
236 27.1 21.6 32.4



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: 88.59 ng

RT: 13.13 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF090441.D

Acq: 7 Oct 2016 13:07

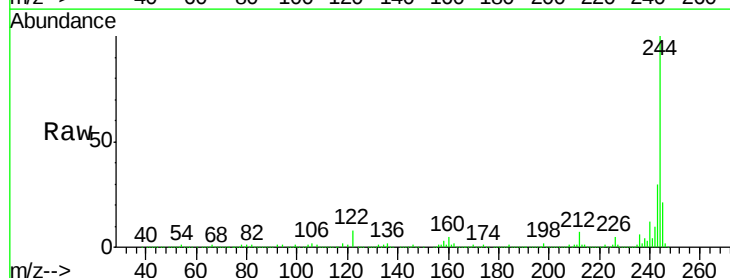
Tgt Ion:244 Resp: 3172483

Ion Ratio Lower Upper

244 100

212 6.8 6.8 10.2

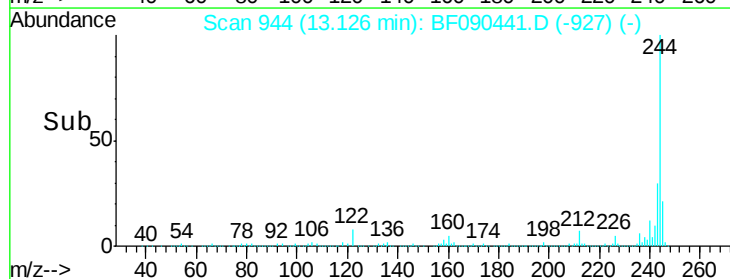
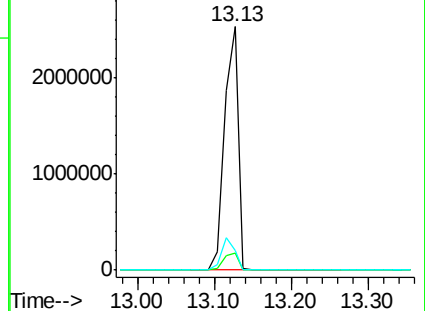
122 8.0 13.3 19.9#

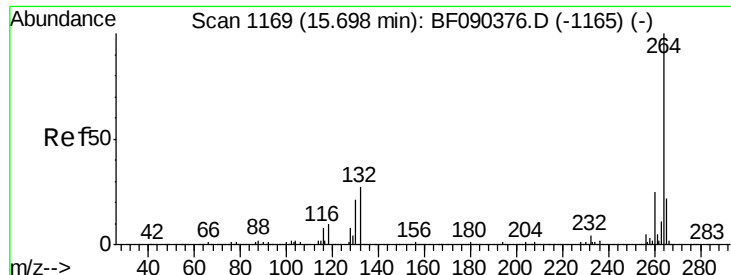


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

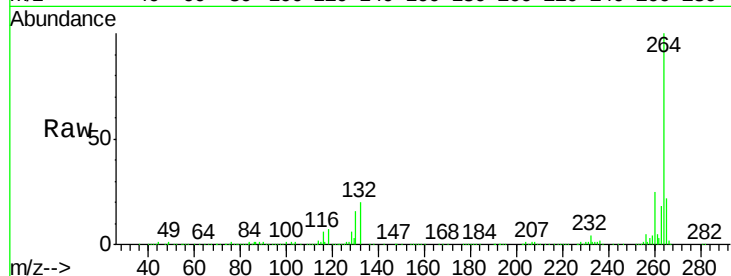




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.68 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BF090441.D
Acq: 7 Oct 2016 13:07

Instrument :
BNA_F
ClientSampleId :
WS-T1

Tgt Ion: 264 Resp: 580372
Ion Ratio Lower Upper
264 100
260 25.4 19.3 28.9
265 21.7 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

