

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101015\
 Data File : BF082193.D
 Acq On : 10 Oct 2015 23:42
 Operator : UM/IZ
 Sample : G3979-22
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A9COMP

Quant Time: Oct 12 03:38:50 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 12 02:59:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	92299	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	361647	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	178222	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	366127	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	336438	20.00	ng	-0.01
86) Perylene-d12	15.44	264	267053	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	650599	142.26	ng	0.02
7) Phenol-d6	6.48	99	813799	136.74	ng	0.00
23) Nitrobenzene-d5	7.41	82	526063	97.69	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	278221	166.46	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	1067498	99.33	ng	-0.01
78) Terphenyl-d14	12.96	244	1267173	99.81	ng	0.00

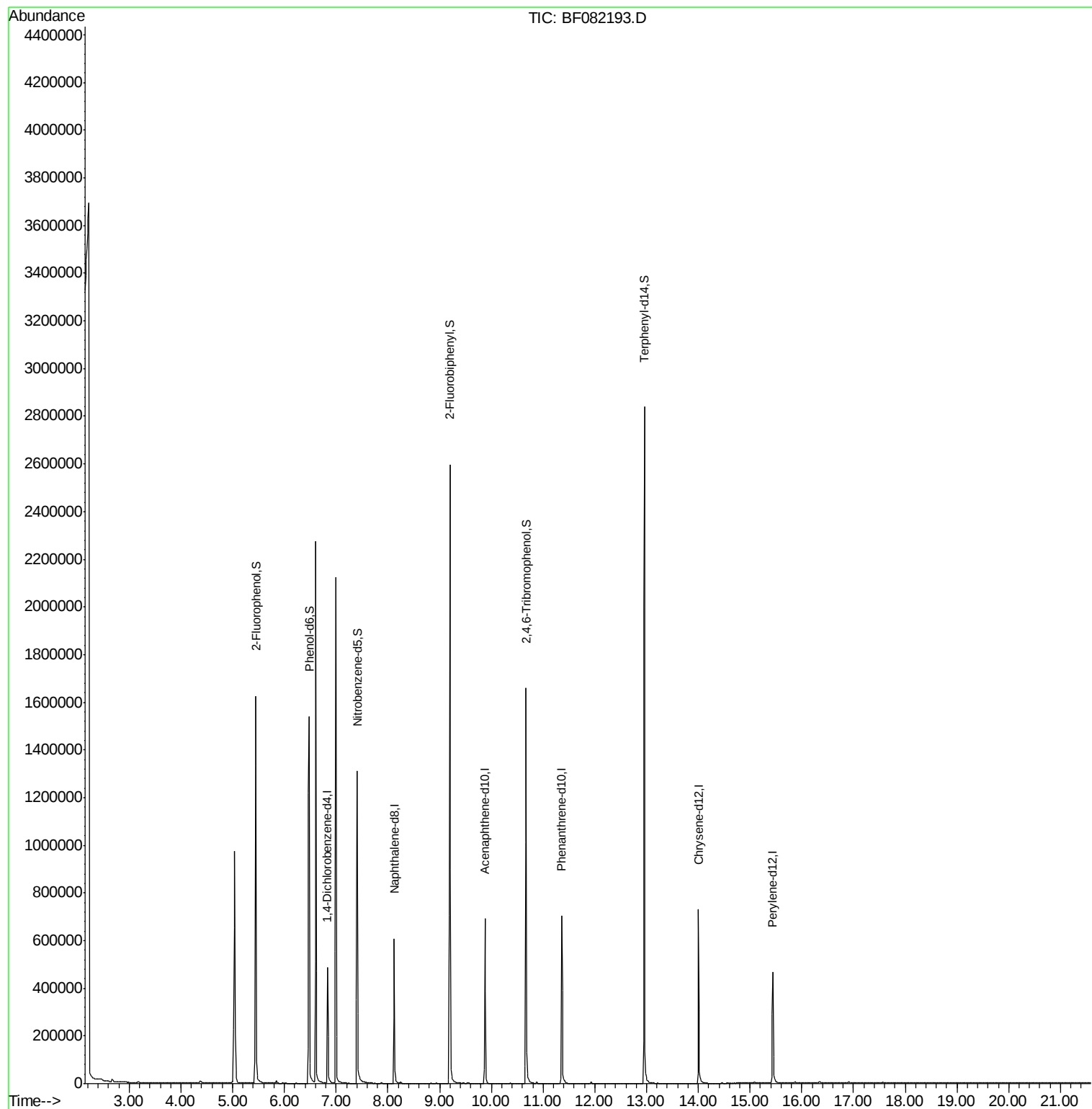
Target Compounds	Qvalue
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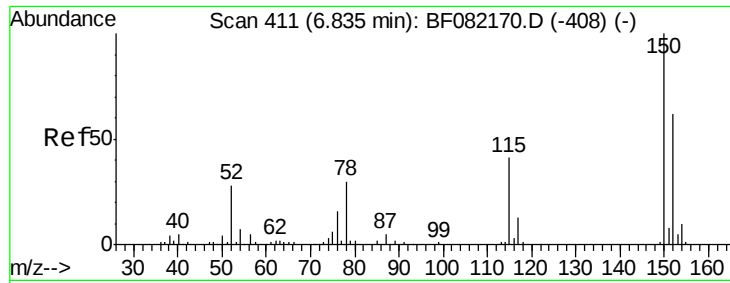
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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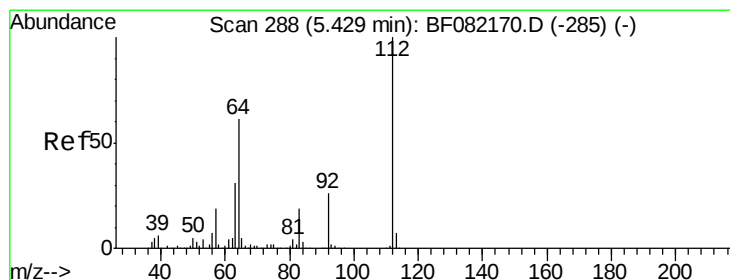
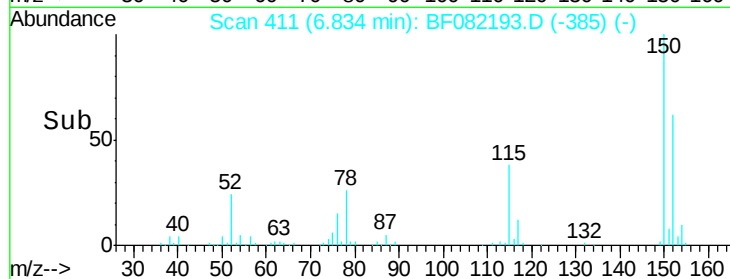
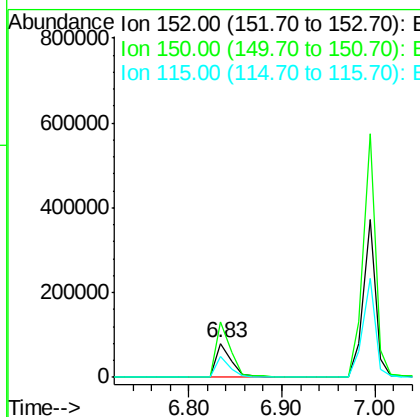
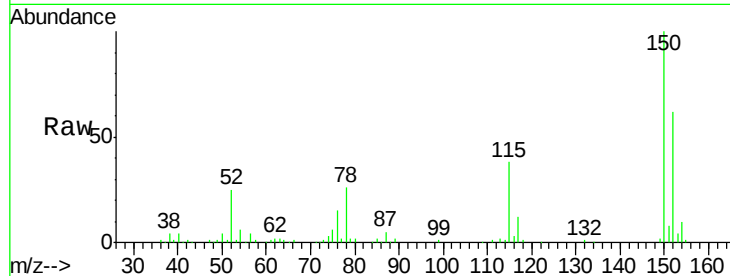




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.83 min Scan# 411
 Delta R.T. 0.00 min
 Lab File: BF082193.D
 Acq: 10 Oct 2015 23:42

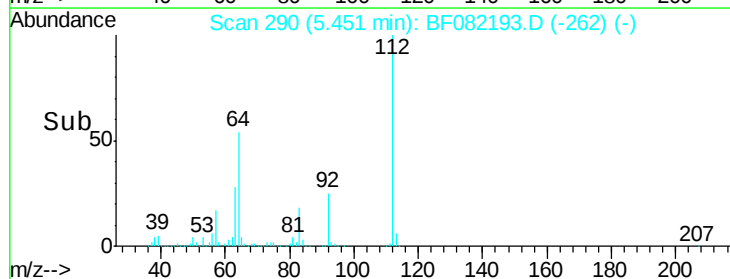
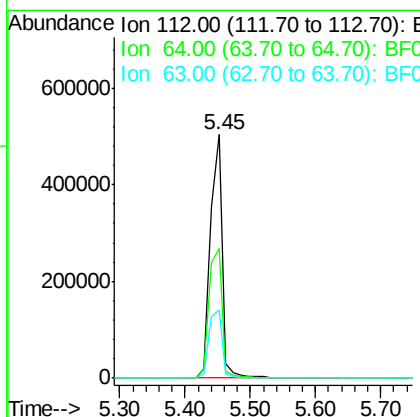
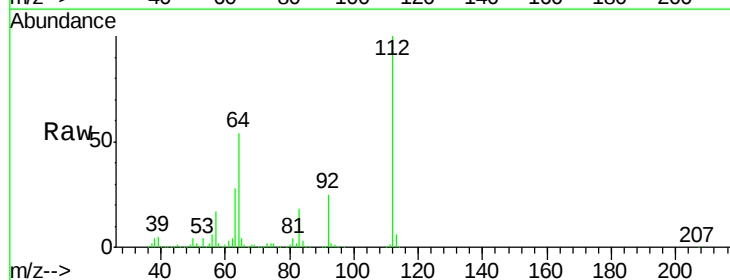
Instrument :
 BNA_F
 ClientSampleId :
 A9COMP

Tgt Ion:152 Resp: 92299
 Ion Ratio Lower Upper
 152 100
 150 162.5 129.0 193.4
 115 62.1 52.1 78.1



#5
 2-Fluorophenol
 Concen: 142.26 ng
 RT: 5.45 min Scan# 290
 Delta R.T. 0.02 min
 Lab File: BF082193.D
 Acq: 10 Oct 2015 23:42

Tgt Ion:112 Resp: 650599
 Ion Ratio Lower Upper
 112 100
 64 53.5 48.6 73.0
 63 28.1 25.1 37.7





#7

Phenol-d6

Concen: 136.74 ng

RT: 6.48 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF082193.D

Acq: 10 Oct 2015 23:42

Instrument :

BNA_F

ClientSampleId :

A9COMP

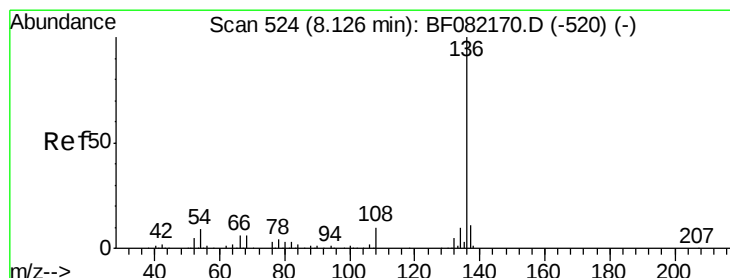
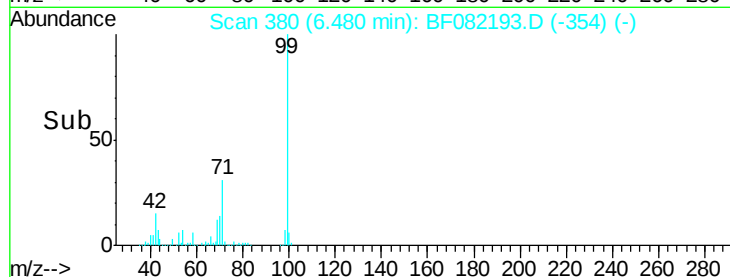
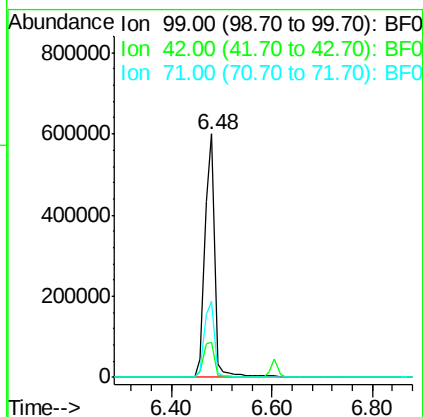
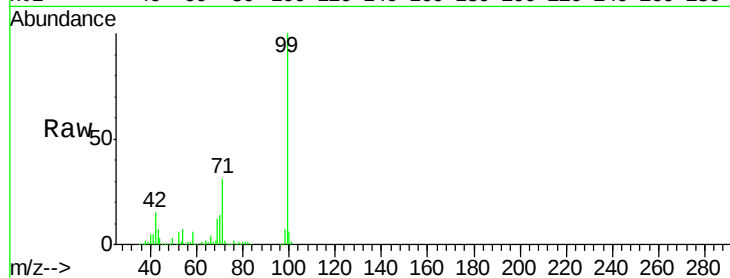
Tgt Ion: 99 Resp: 813799

Ion Ratio Lower Upper

99 100

42 14.6 13.2 19.8

71 31.3 25.6 38.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF082193.D

Acq: 10 Oct 2015 23:42

Tgt Ion: 136 Resp: 361647

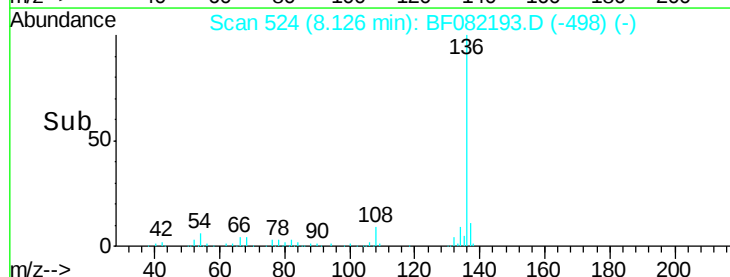
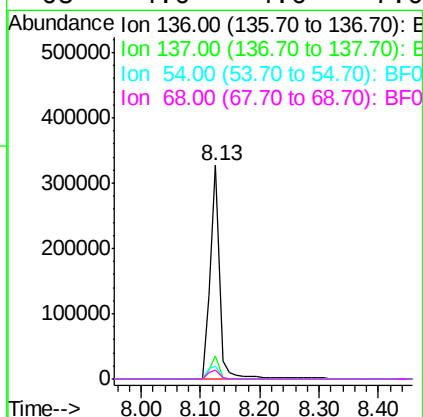
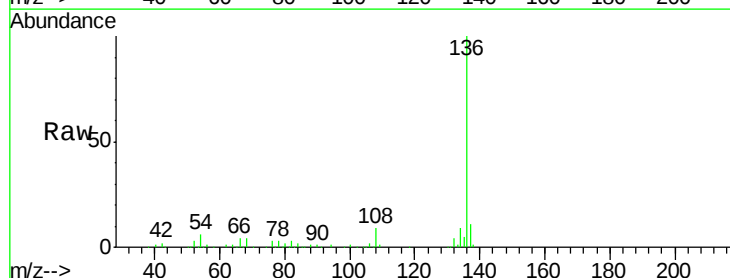
Ion Ratio Lower Upper

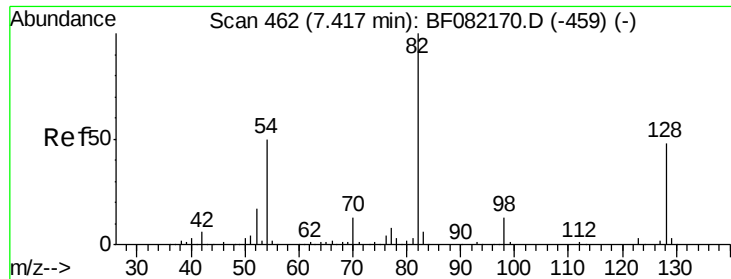
136 100

137 10.8 9.0 13.6

54 6.3 7.5 11.3#

68 4.0 4.6 7.0#

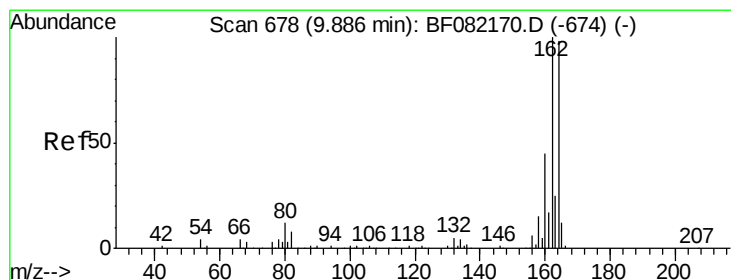
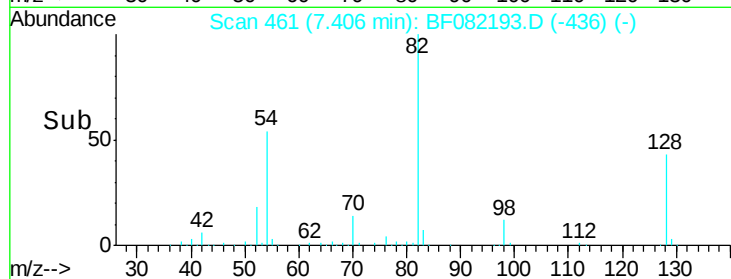
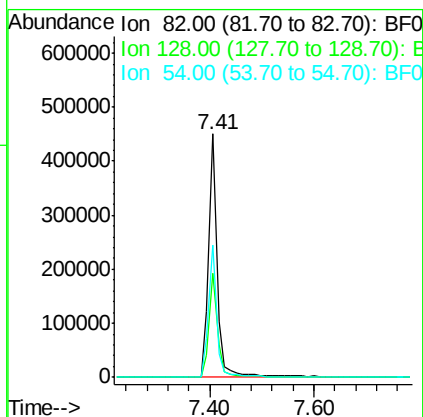
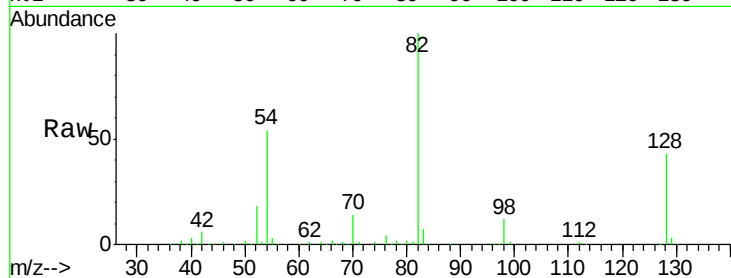




#23
 Nitrobenzene-d5
 Concen: 97.69 ng
 RT: 7.41 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF082193.D
 Acq: 10 Oct 2015 23:42

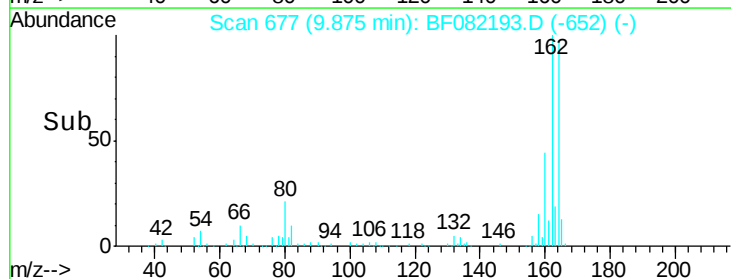
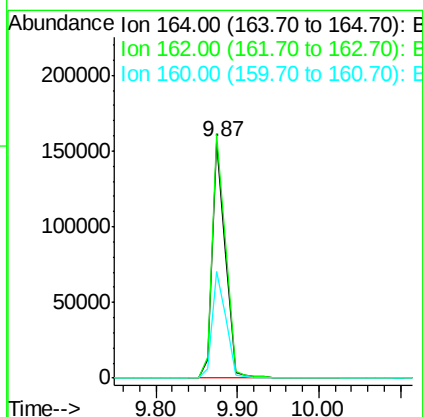
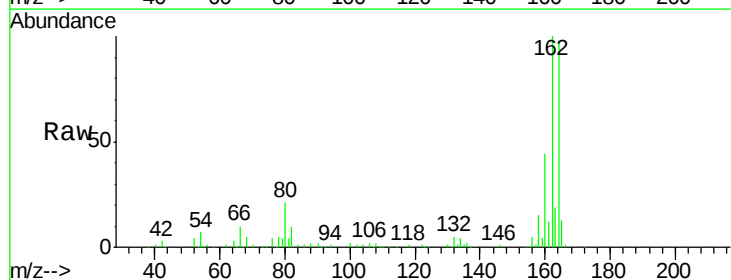
Instrument :
 BNA_F
 ClientSampleId :
 A9COMP

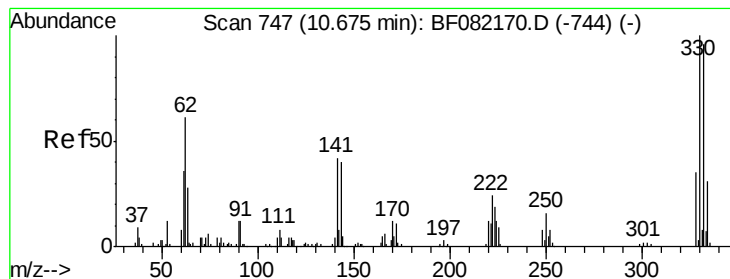
Tgt Ion: 82 Resp: 526063
 Ion Ratio Lower Upper
 82 100
 128 42.9 38.7 58.1
 54 54.4 40.1 60.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 677
 Delta R.T. -0.01 min
 Lab File: BF082193.D
 Acq: 10 Oct 2015 23:42

Tgt Ion: 164 Resp: 178222
 Ion Ratio Lower Upper
 164 100
 162 103.0 81.6 122.4
 160 45.1 36.4 54.6

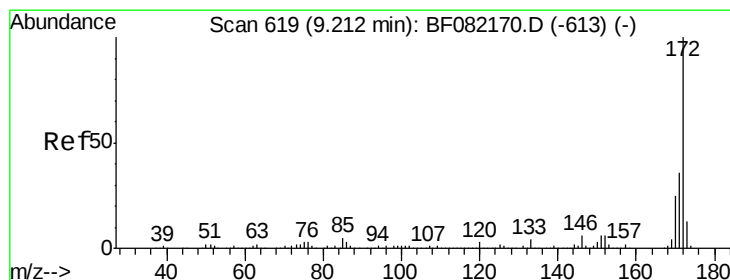
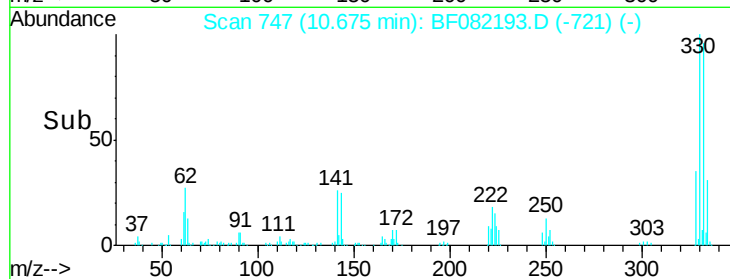
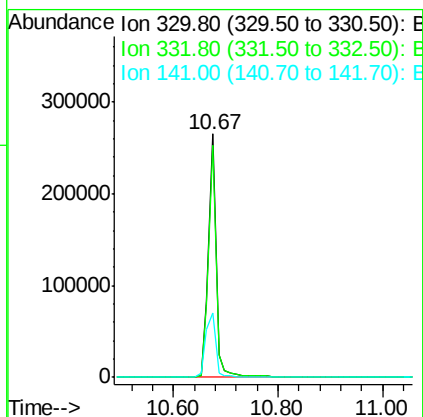
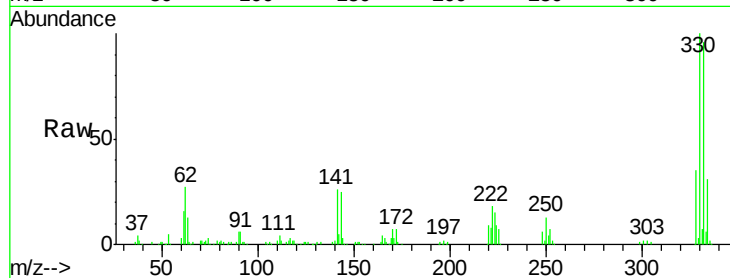




#41
 2,4,6-Tribromophenol
 Concen: 166.46 ng
 RT: 10.67 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF082193.D
 Acq: 10 Oct 2015 23:42

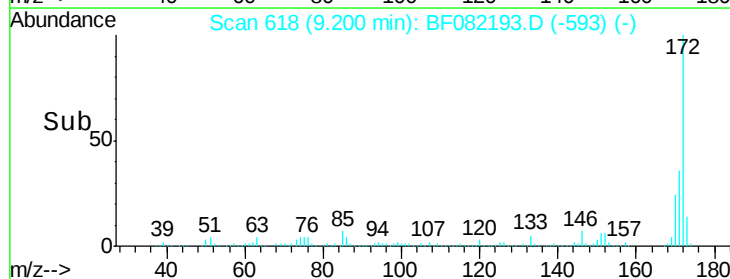
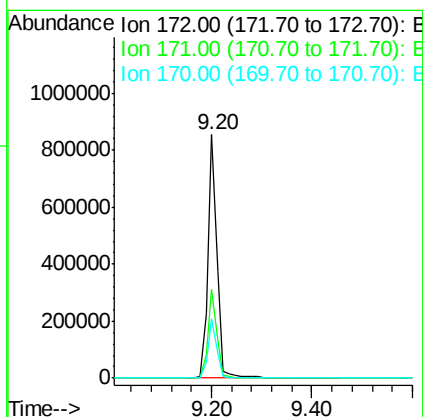
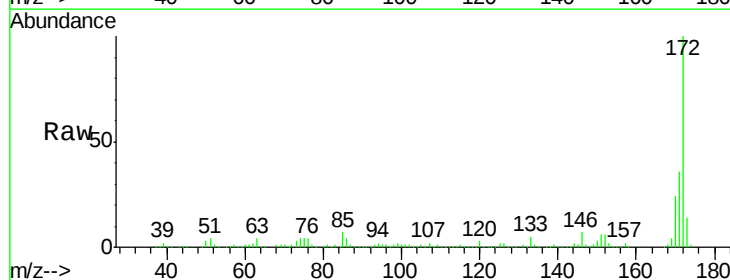
Instrument :
 BNA_F
 ClientSampleId :
 A9COMP

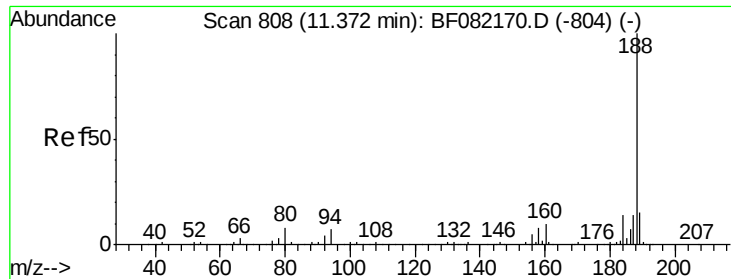
Tgt Ion:330 Resp: 278221
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.1 115.7
 141 34.3 29.8 44.8



#44
 2-Fluorobiphenyl
 Concen: 99.33 ng
 RT: 9.20 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF082193.D
 Acq: 10 Oct 2015 23:42

Tgt Ion:172 Resp: 1067498
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.6 42.8
 170 24.2 19.7 29.5





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF082193.D

Acq: 10 Oct 2015 23:42

Instrument :

BNA_F

ClientSampleId :

A9COMP

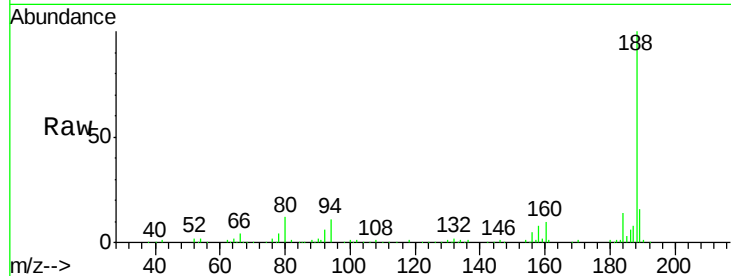
Tgt Ion:188 Resp: 366127

Ion Ratio Lower Upper

188 100

94 10.6 5.8 8.6#

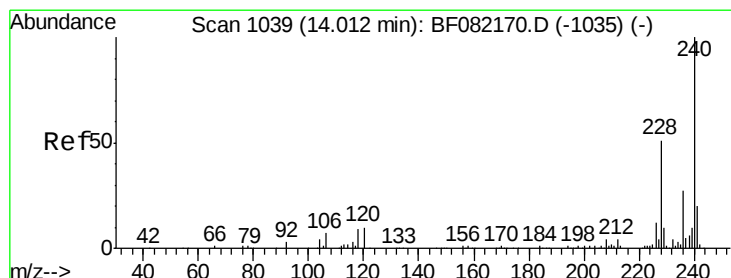
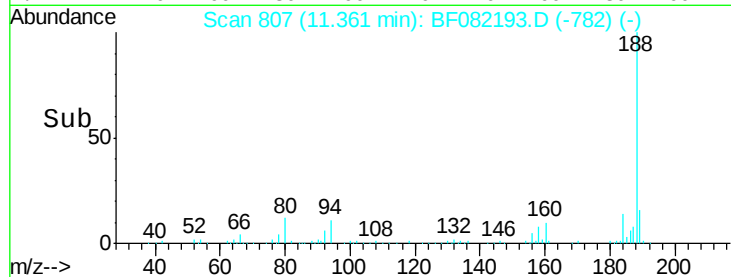
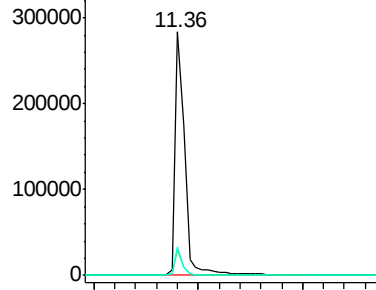
80 11.9 6.4 9.6#



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: 14.00 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF082193.D

Acq: 10 Oct 2015 23:42

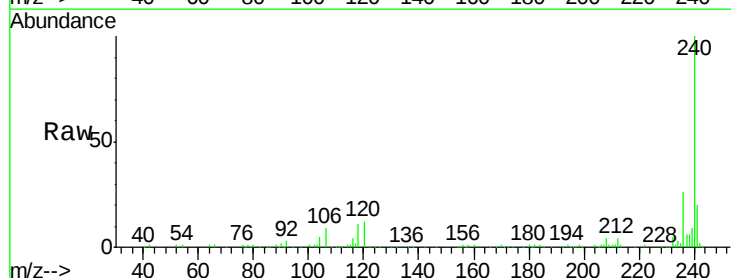
Tgt Ion:240 Resp: 336438

Ion Ratio Lower Upper

240 100

120 12.4 8.1 12.1#

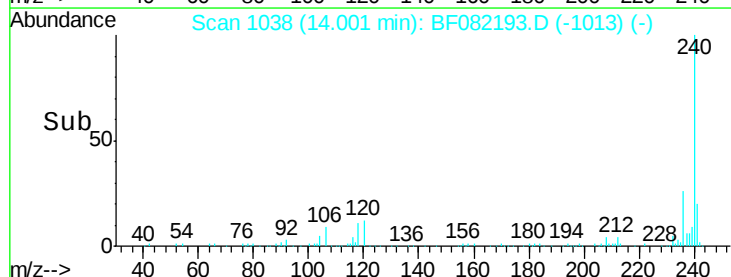
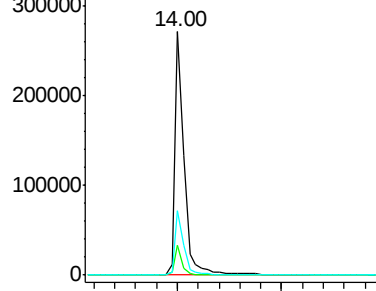
236 26.2 21.3 31.9

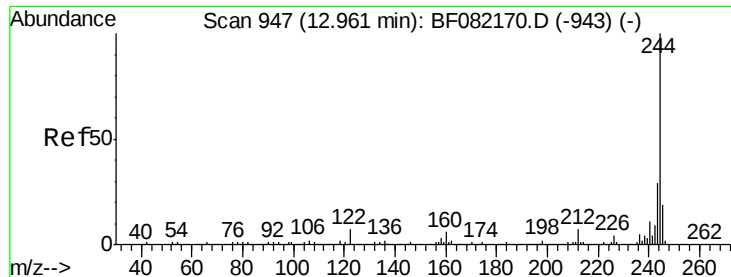


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

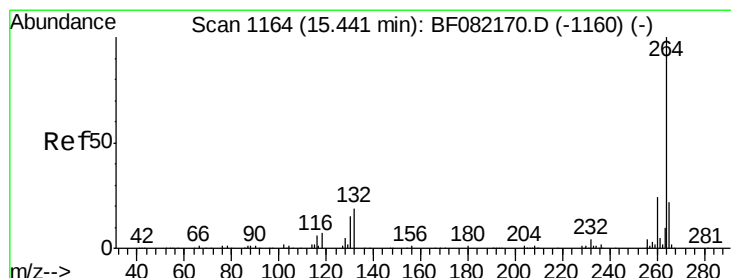
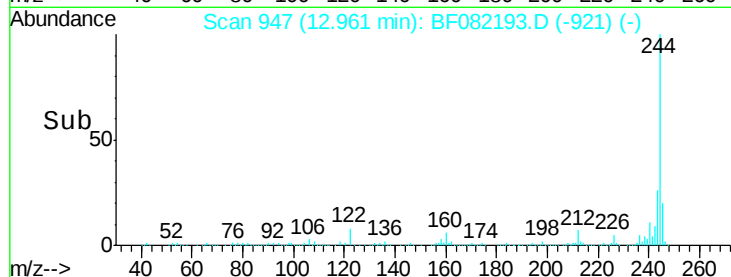
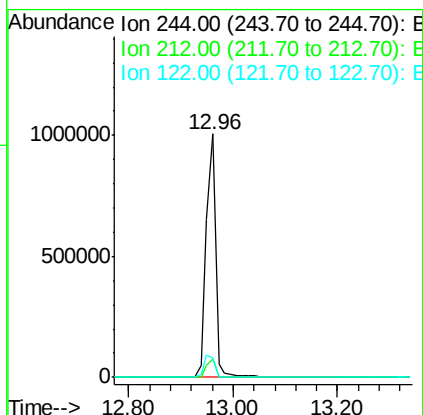
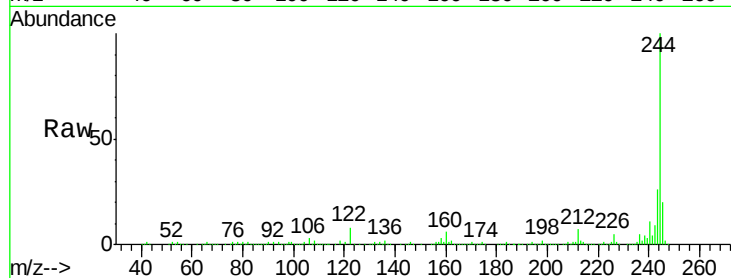




#78
 Terphenyl-d14
 Concen: 99.81 ng
 RT: 12.96 min Scan# 947
 Delta R.T. 0.00 min
 Lab File: BF082193.D
 Acq: 10 Oct 2015 23:42

Instrument :
 BNA_F
 ClientSampleId :
 A9COMP

Tgt Ion:244 Resp: 1267173
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.6
 122 8.2 5.9 8.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1164
 Delta R.T. 0.00 min
 Lab File: BF082193.D
 Acq: 10 Oct 2015 23:42

Tgt Ion:264 Resp: 267053
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.0 28.6
 265 21.0 17.3 25.9

