

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101015\
 Data File : BF082194.D
 Acq On : 11 Oct 2015 00:12
 Operator : UM/IZ
 Sample : G3979-23
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A10COMP

Quant Time: Oct 12 03:39:49 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	92247	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	359210	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	179423	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	365848	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	344507	20.00	ng	-0.01
86) Perylene-d12	15.44	264	258555	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	618473	135.31	ng	0.02
7) Phenol-d6	6.48	99	730016	122.73	ng	0.00
23) Nitrobenzene-d5	7.41	82	518276	96.89	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	276453	164.30	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	1036839	95.83	ng	-0.01
78) Terphenyl-d14	12.96	244	1286918	98.99	ng	0.00

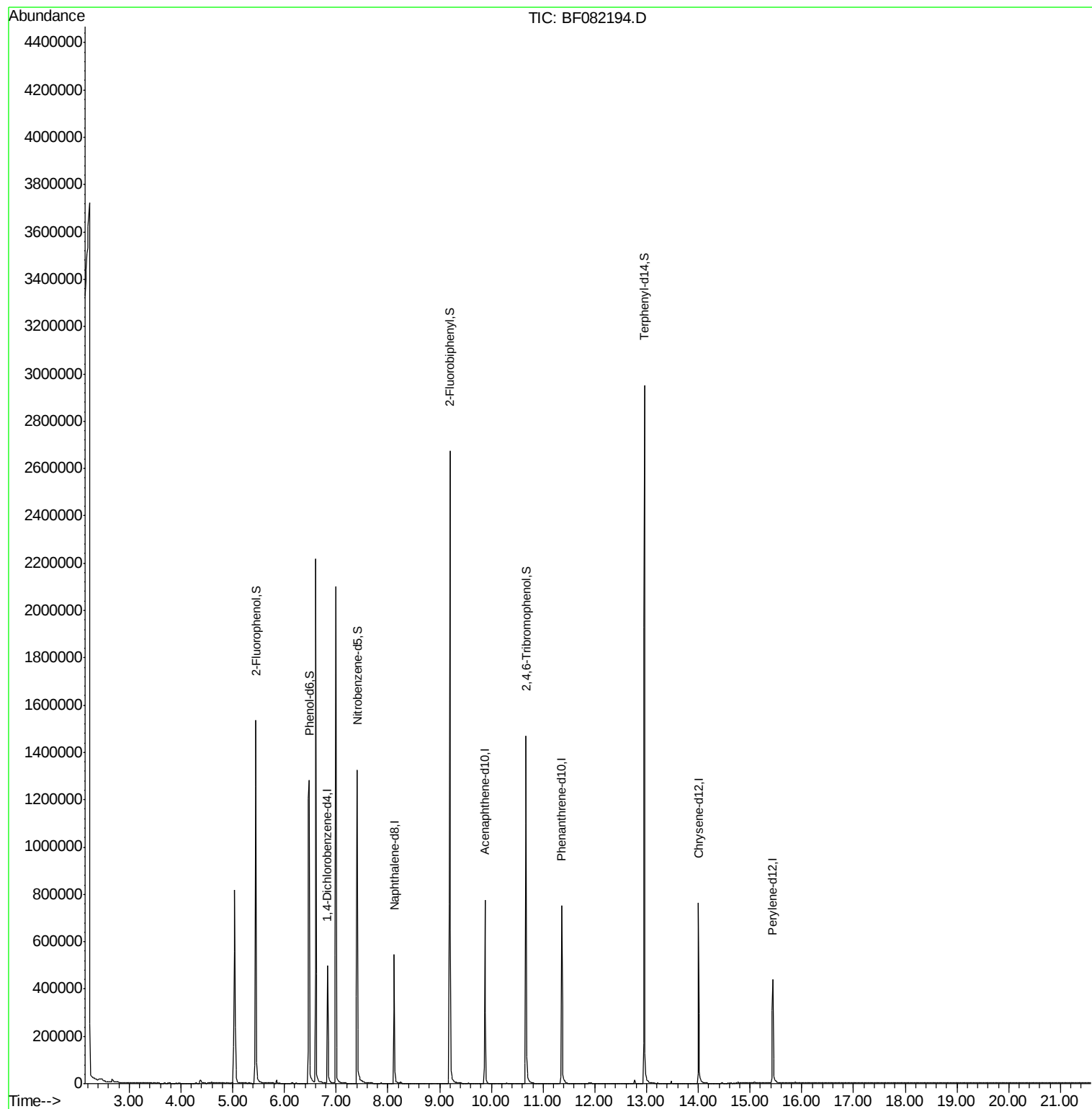
Target Compounds	Qvalue
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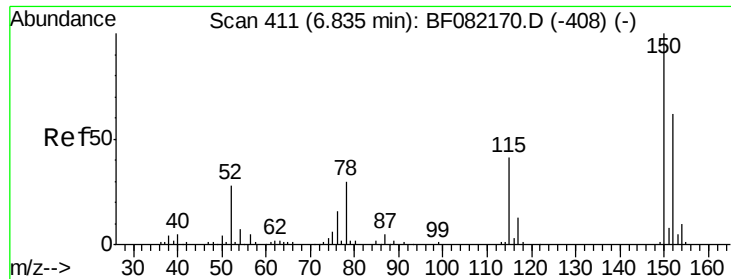
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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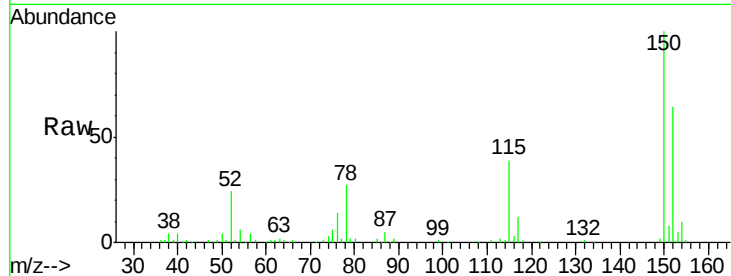




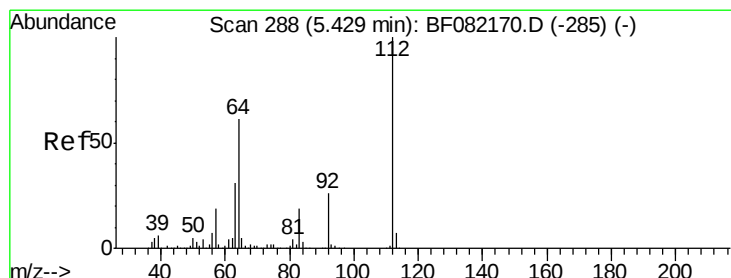
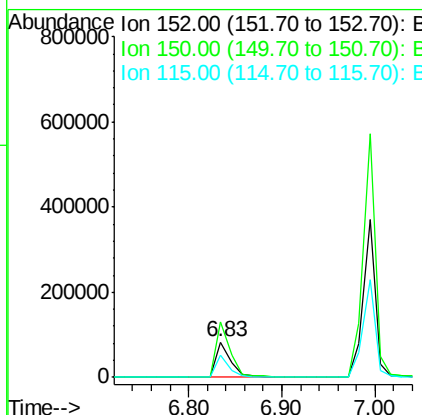
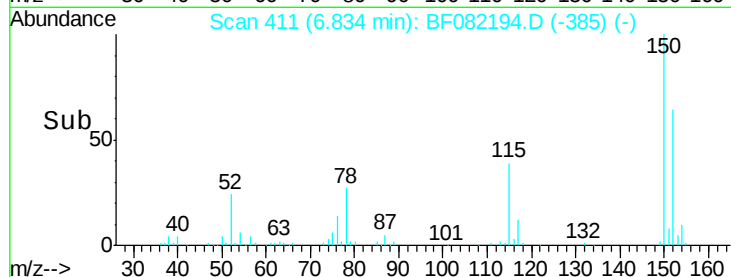
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.83 min Scan# 411
 Delta R.T. 0.00 min
 Lab File: BF082194.D
 Acq: 11 Oct 2015 00:12

Instrument :
 BNA_F
 ClientSampleId :
 A10COMP

Tgt Ion:152 Resp: 92247
 Ion Ratio Lower Upper
 152 100
 150 156.7 129.0 193.4
 115 61.6 52.1 78.1

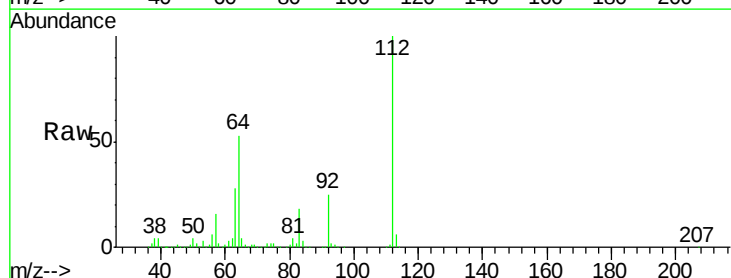


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

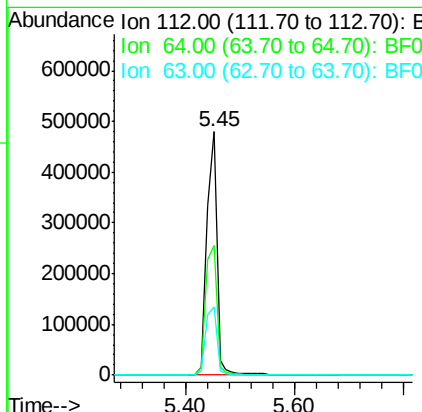
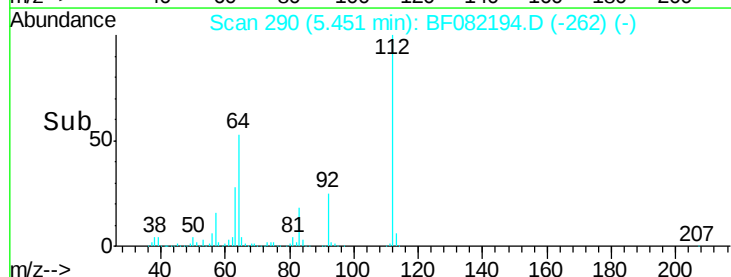


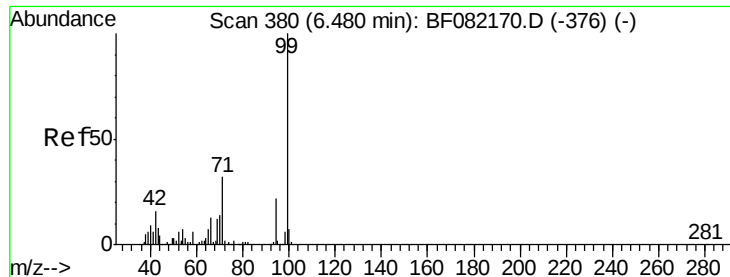
#5
 2-Fluorophenol
 Concen: 135.31 ng
 RT: 5.45 min Scan# 290
 Delta R.T. 0.02 min
 Lab File: BF082194.D
 Acq: 11 Oct 2015 00:12

Tgt Ion:112 Resp: 618473
 Ion Ratio Lower Upper
 112 100
 64 53.3 48.6 73.0
 63 27.8 25.1 37.7



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: 122.73 ng

RT: 6.48 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF082194.D

Acq: 11 Oct 2015 00:12

Instrument :

BNA_F

ClientSampleId :

A10COMP

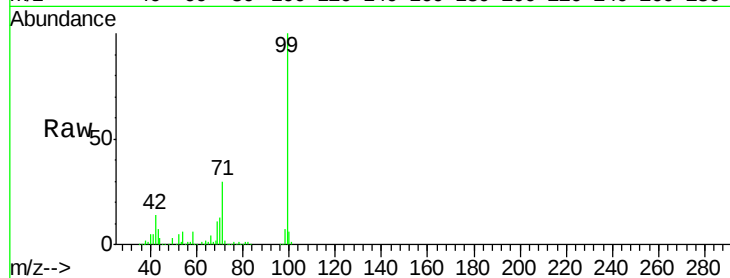
Tgt Ion: 99 Resp: 730016

Ion Ratio Lower Upper

99 100

42 13.5 13.2 19.8

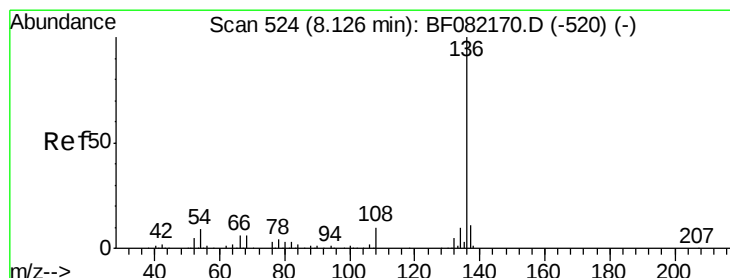
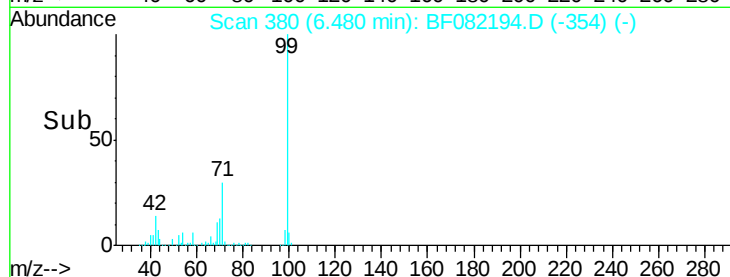
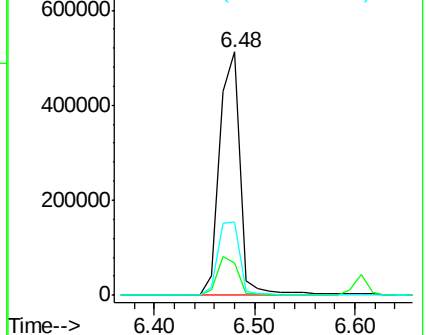
71 30.1 25.6 38.4



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: 8.13 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF082194.D

Acq: 11 Oct 2015 00:12

Tgt Ion: 136 Resp: 359210

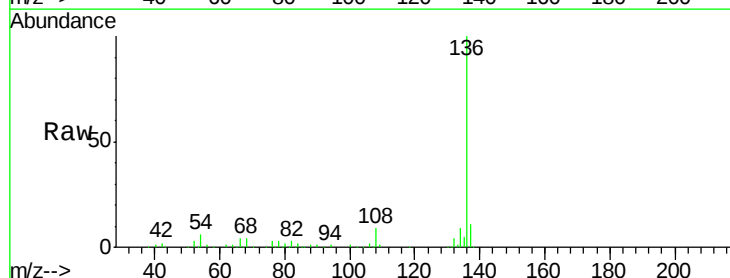
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.6

54 6.4 7.5 11.3#

68 4.4 4.6 7.0#

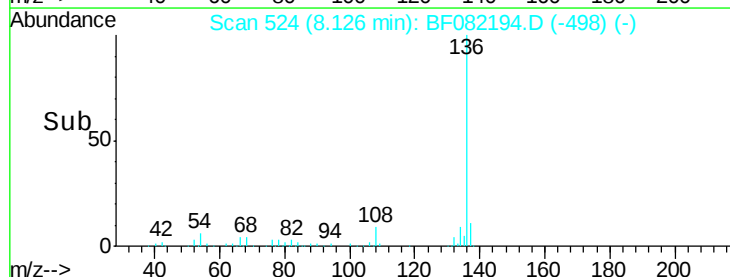
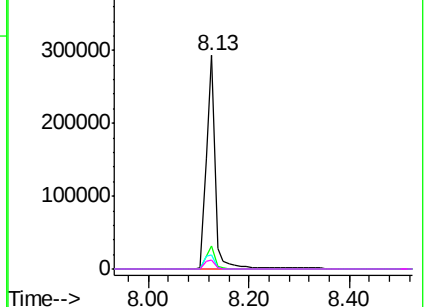


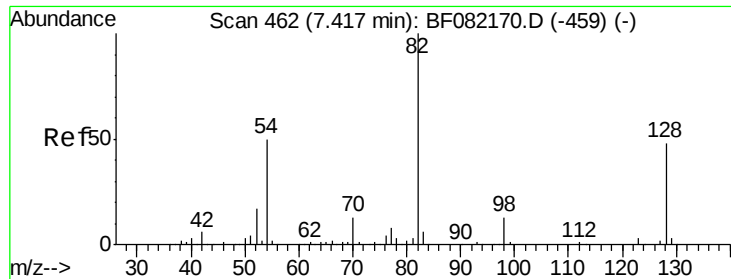
Abundance Ion 136.00 (135.70 to 136.70): E

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

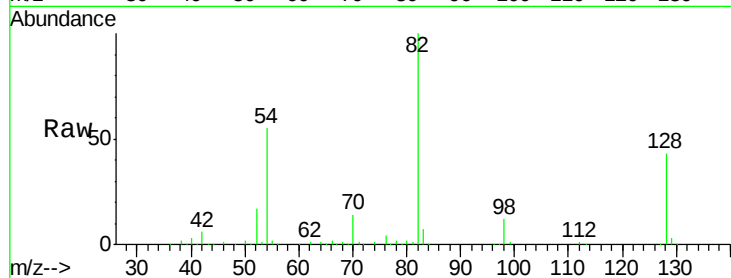




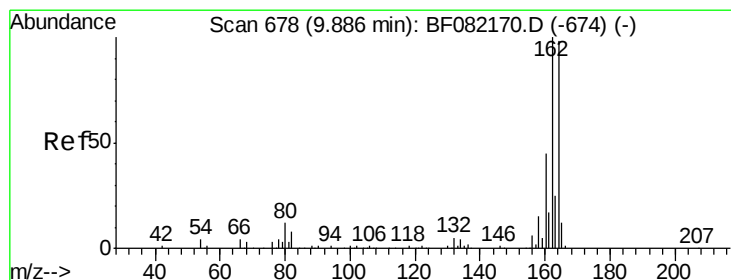
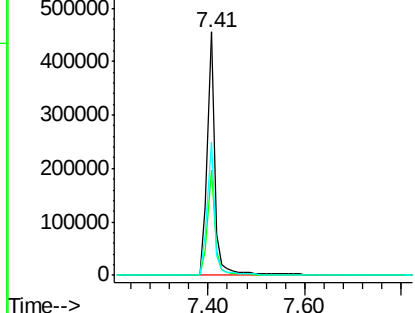
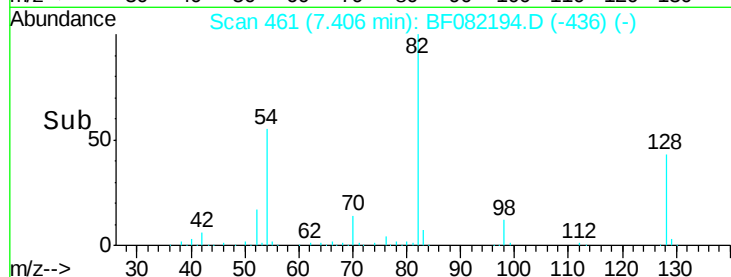
#23
Nitrobenzene-d5
Concen: 96.89 ng
RT: 7.41 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF082194.D
Acq: 11 Oct 2015 00:12

Instrument :
BNA_F
ClientSampleId :
A10COMP

Tgt Ion: 82 Resp: 518276
Ion Ratio Lower Upper
82 100
128 43.1 38.7 58.1
54 55.0 40.1 60.1

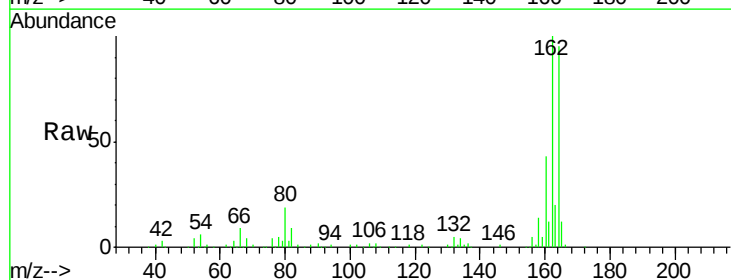


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

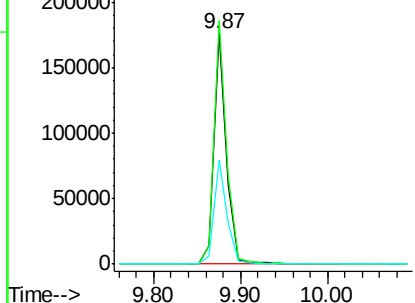
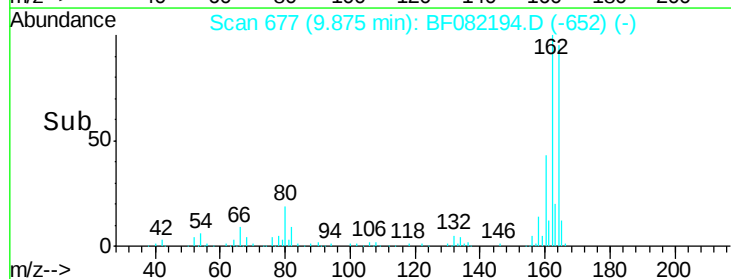


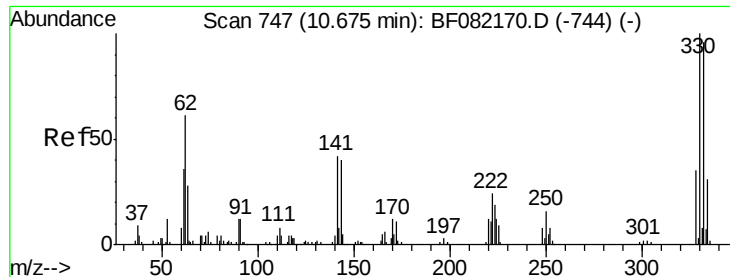
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 677
Delta R.T. -0.01 min
Lab File: BF082194.D
Acq: 11 Oct 2015 00:12

Tgt Ion: 164 Resp: 179423
Ion Ratio Lower Upper
164 100
162 105.5 81.6 122.4
160 45.3 36.4 54.6



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

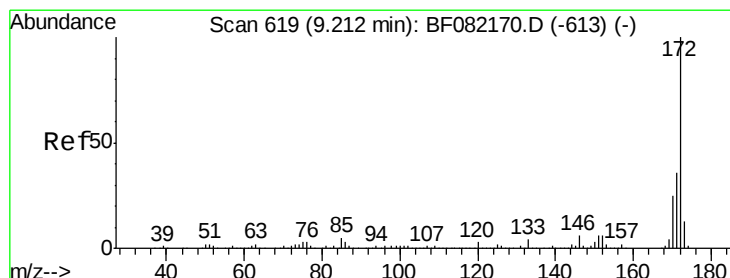
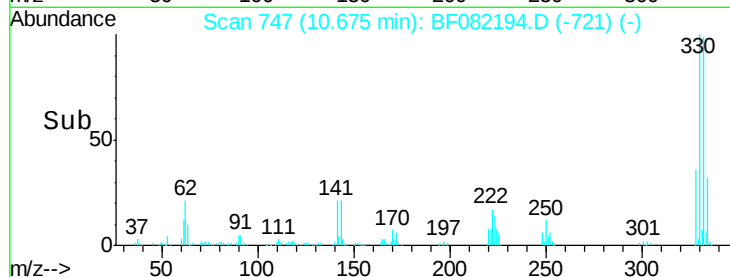
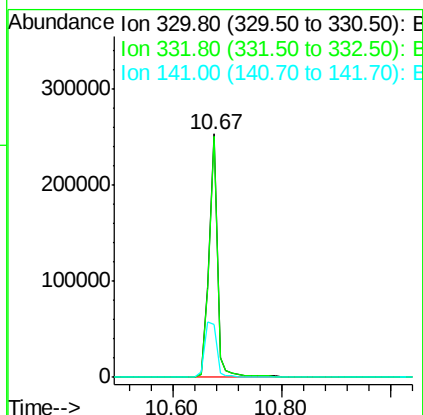
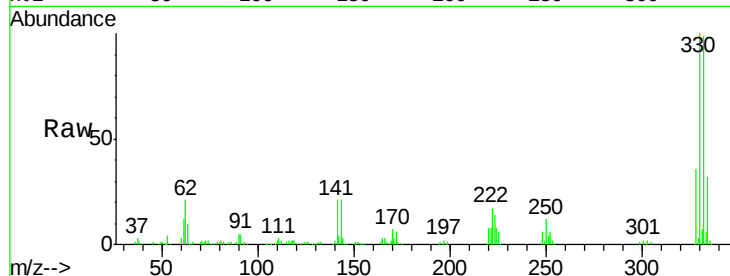




#41
 2,4,6-Tribromophenol
 Concen: 164.30 ng
 RT: 10.67 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF082194.D
 Acq: 11 Oct 2015 00:12

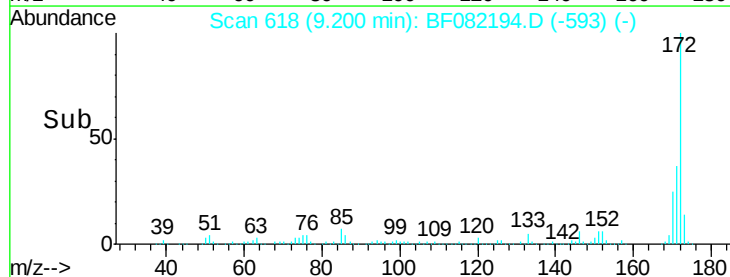
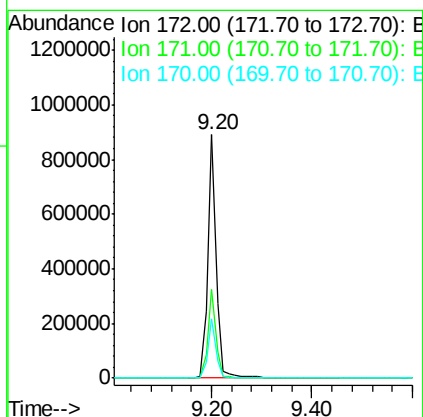
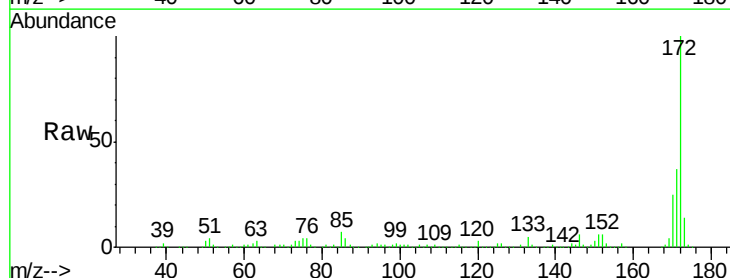
Instrument :
 BNA_F
 ClientSampleId :
 A10COMP

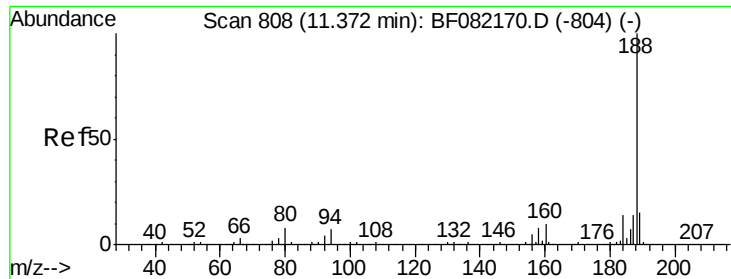
Tgt Ion:330 Resp: 276453
 Ion Ratio Lower Upper
 330 100
 332 98.1 77.1 115.7
 141 32.0 29.8 44.8



#44
 2-Fluorobiphenyl
 Concen: 95.83 ng
 RT: 9.20 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF082194.D
 Acq: 11 Oct 2015 00:12

Tgt Ion:172 Resp: 1036839
 Ion Ratio Lower Upper
 172 100
 171 36.7 28.6 42.8
 170 24.6 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: BF082194.D

Acq: 11 Oct 2015 00:12

Instrument :

BNA_F

ClientSampleId :

A10COMP

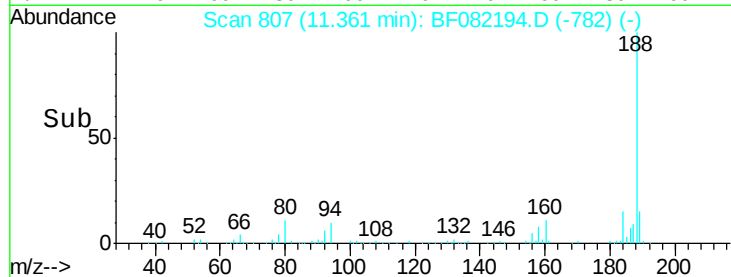
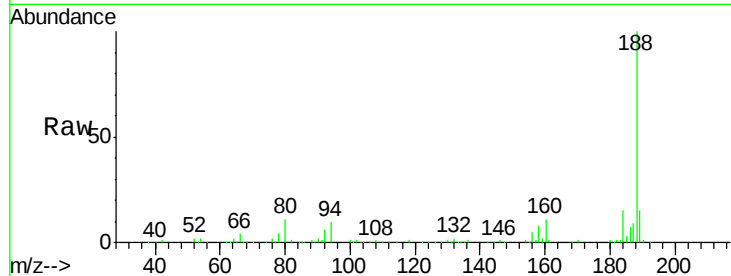
Tgt Ion:188 Resp: 365848

Ion Ratio Lower Upper

188 100

94 10.4 5.8 8.6#

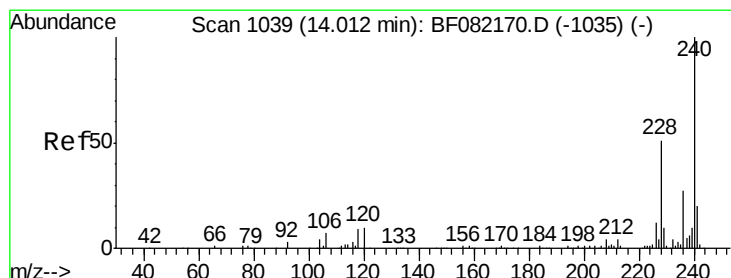
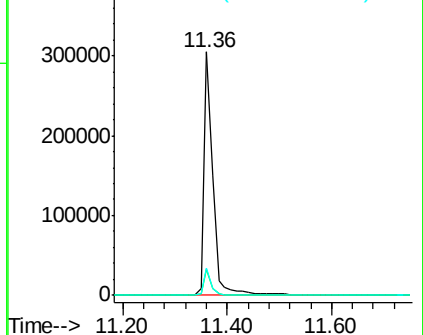
80 11.2 6.4 9.6#



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: BF082194.D

Acq: 11 Oct 2015 00:12

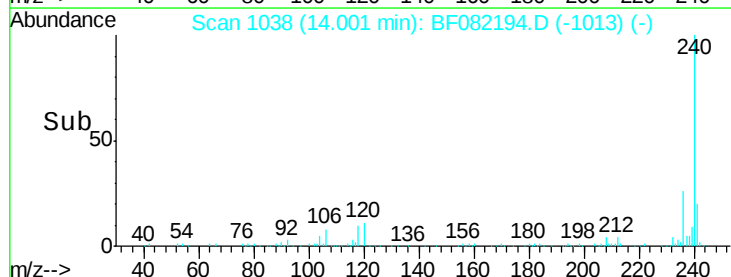
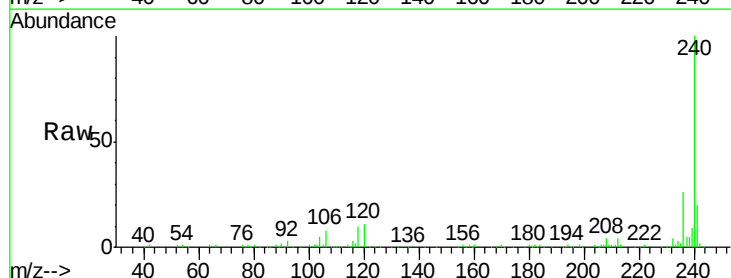
Tgt Ion:240 Resp: 344507

Ion Ratio Lower Upper

240 100

120 11.4 8.1 12.1

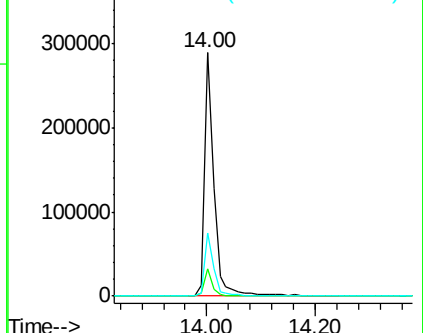
236 25.8 21.3 31.9

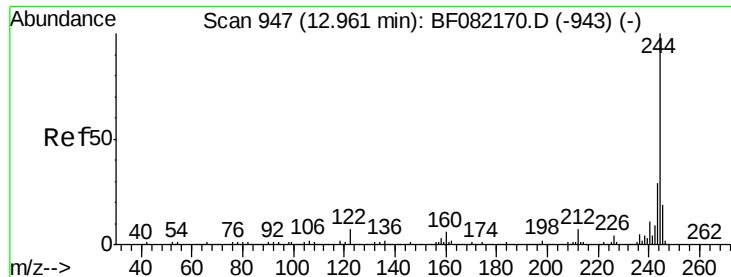


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

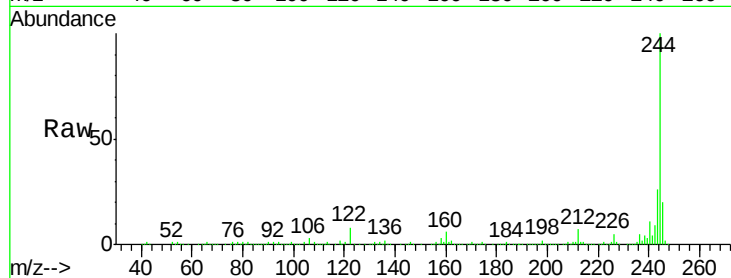




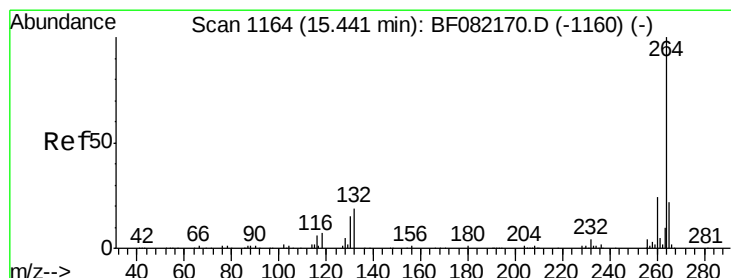
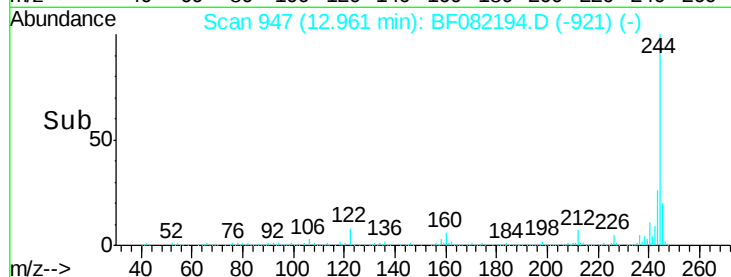
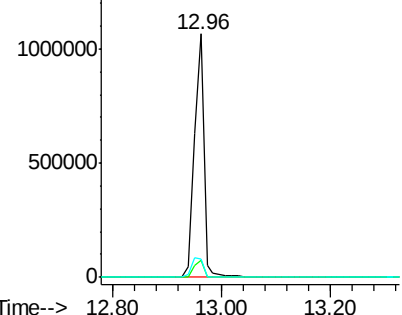
#78
 Terphenyl-d14
 Concen: 98.99 ng
 RT: 12.96 min Scan# 947
 Delta R.T. 0.00 min
 Lab File: BF082194.D
 Acq: 11 Oct 2015 00:12

Instrument :
 BNA_F
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 A10COMP

Tgt Ion:244 Resp: 1286918
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 7.7 5.9 8.9

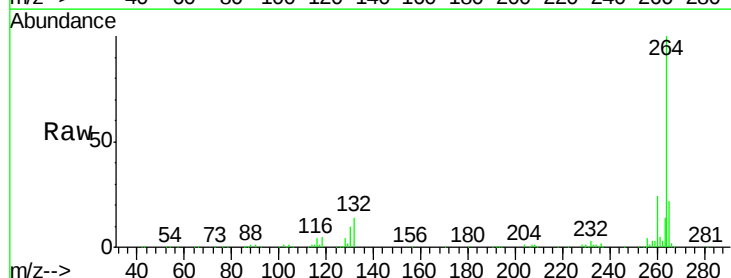


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1164
 Delta R.T. 0.00 min
 Lab File: BF082194.D
 Acq: 11 Oct 2015 00:12

Tgt Ion:264 Resp: 258555
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.6
 265 21.9 17.3 25.9



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

