

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
 Data File : BF082902.D
 Acq On : 13 Nov 2015 17:32
 Operator : UM/IZ
 Sample : G4362-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-14

Quant Time: Nov 13 22:53:16 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	202206	20.00	ng	-0.06
21) Naphthalene-d8	8.09	136	805127	20.00	ng	-0.06
38) Acenaphthene-d10	9.84	164	380059	20.00	ng	-0.06
63) Phenanthrene-d10	11.32	188	729775	20.00	ng	-0.06
75) Chrysene-d12	13.95	240	587011	20.00	ng	-0.07
86) Perylene-d12	15.37	264	479596	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	736449	56.67	ng	-0.05
7) Phenol-d6	6.43	99	741533	42.92	ng	-0.05
23) Nitrobenzene-d5	7.37	82	1506264	81.40	ng	-0.04
41) 2,4,6-Tribromophenol	10.62	330	308556	70.81	ng	-0.06
44) 2-Fluorobiphenyl	9.17	172	2329204	87.84	ng	-0.05
78) Terphenyl-d14	12.91	244	2118284	85.59	ng	-0.06

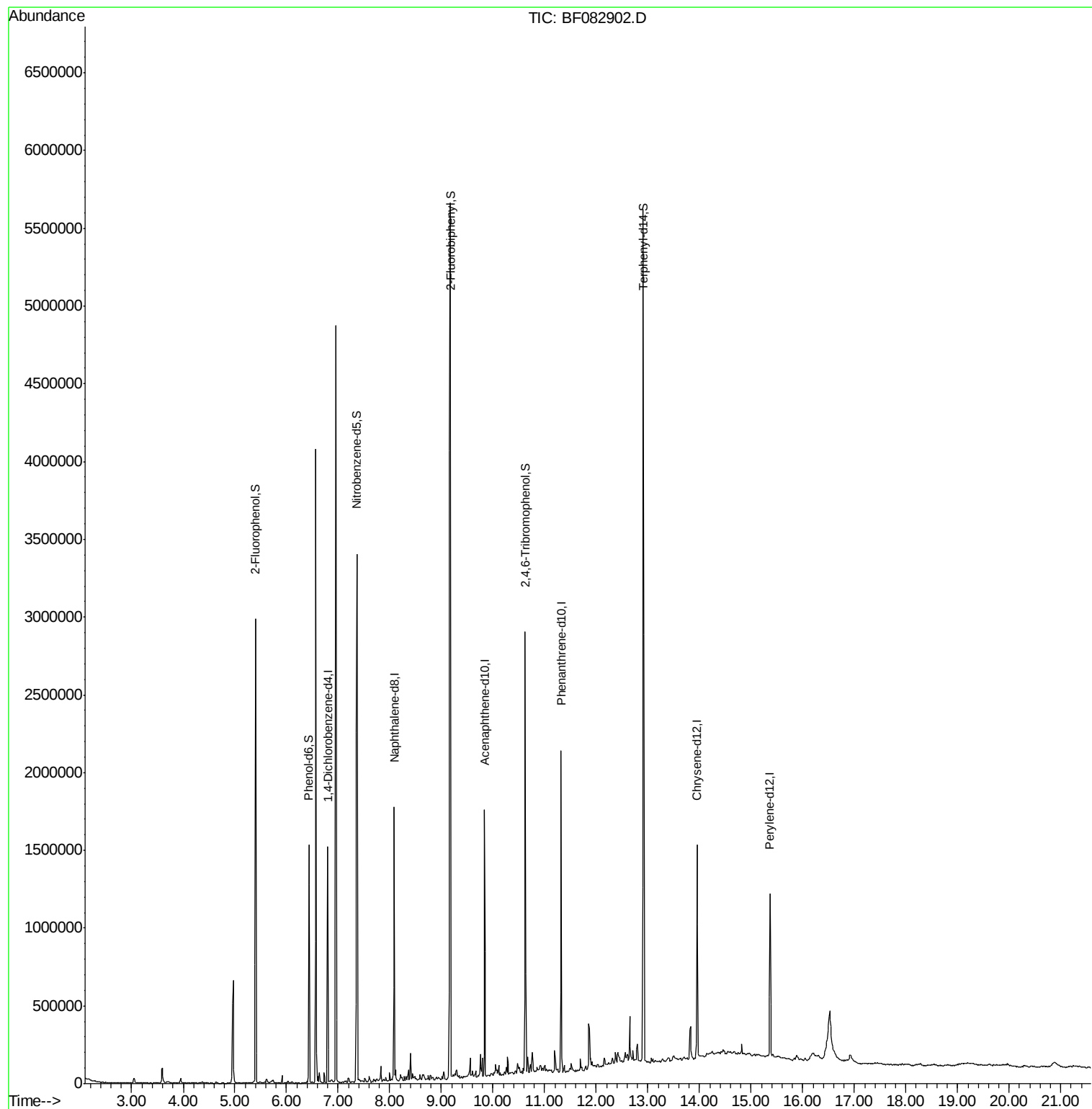
Target Compounds	Qvalue
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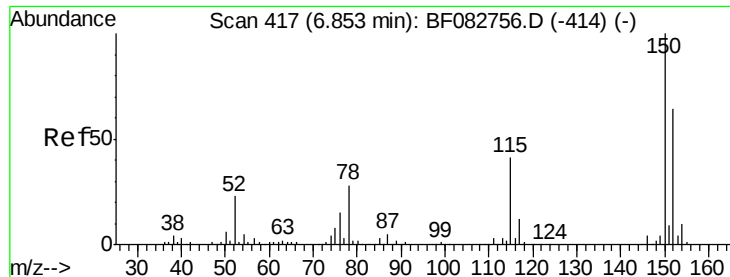
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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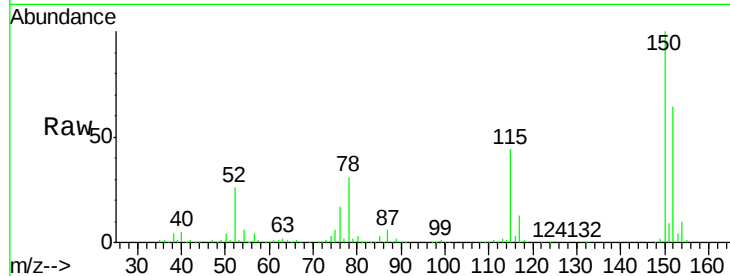




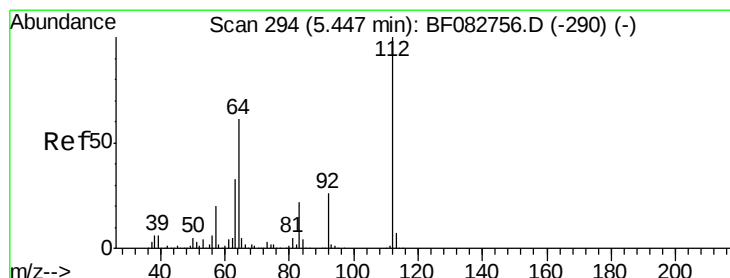
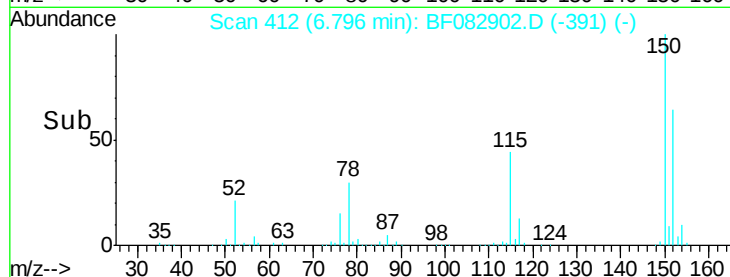
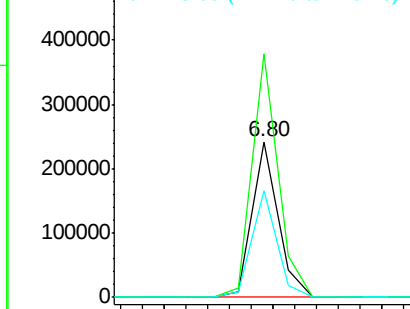
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.80 min Scan# 412
 Delta R.T. -0.06 min
 Lab File: BF082902.D
 Acq: 13 Nov 2015 17:32

Instrument :
 BNA_F
 ClientSampleId :
 TEC-14

Tgt Ion:152 Resp: 202206
 Ion Ratio Lower Upper
 152 100
 150 156.4 127.0 190.4
 115 68.6 47.0 70.6

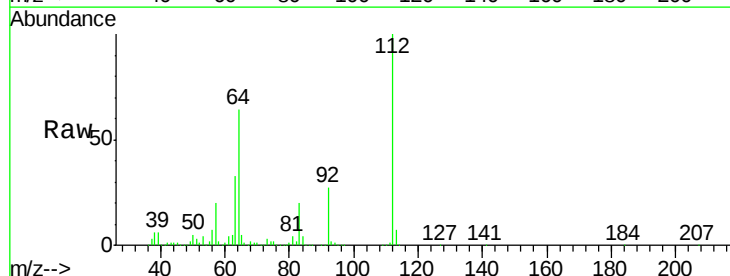


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

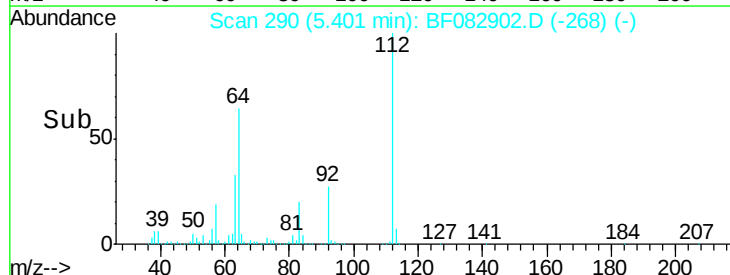
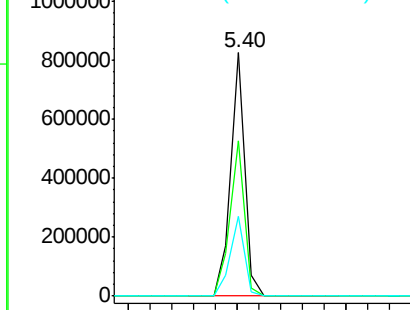


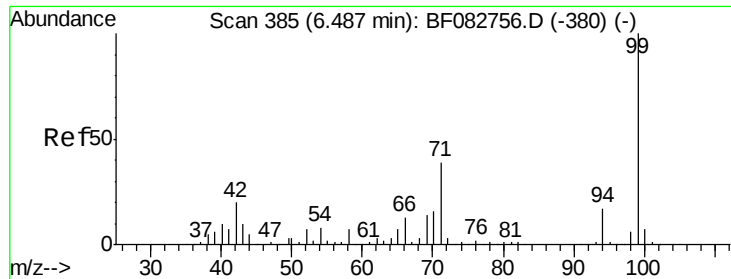
#5
 2-Fluorophenol
 Concen: 56.67 ng
 RT: 5.40 min Scan# 290
 Delta R.T. -0.05 min
 Lab File: BF082902.D
 Acq: 13 Nov 2015 17:32

Tgt Ion:112 Resp: 736449
 Ion Ratio Lower Upper
 112 100
 64 63.7 48.9 73.3
 63 32.6 28.1 42.1



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: 42.92 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.05 min

Lab File: BF082902.D

Acq: 13 Nov 2015 17:32

Instrument :

BNA_F

ClientSampleId :

TEC-14

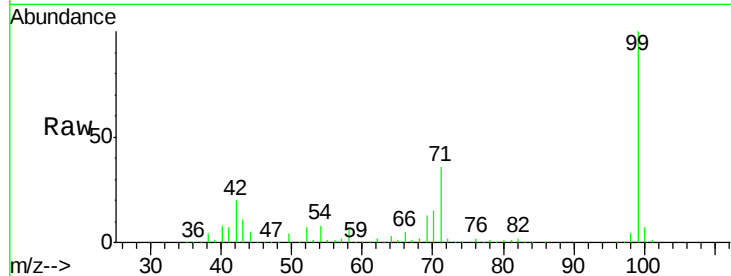
Tgt Ion: 99 Resp: 741533

Ion Ratio Lower Upper

99 100

42 20.5 19.2 28.8

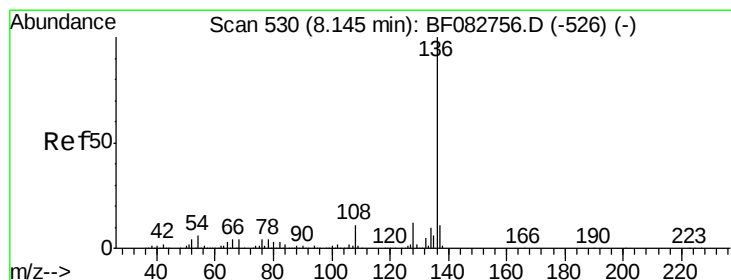
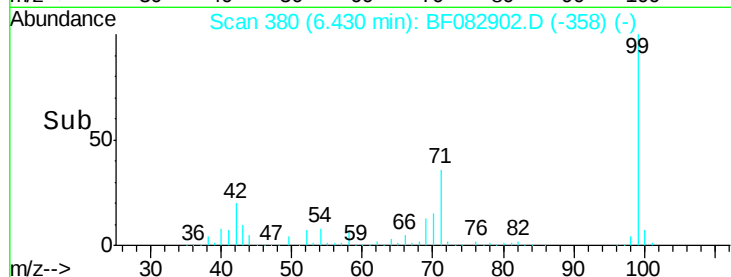
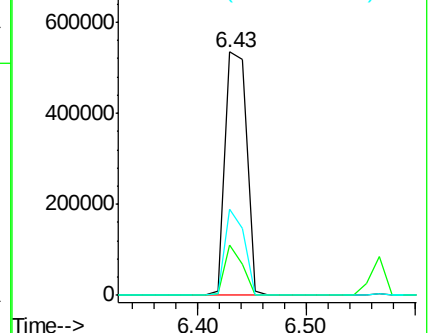
71 35.5 35.0 52.4



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: 8.09 min Scan# 525

Delta R.T. -0.06 min

Lab File: BF082902.D

Acq: 13 Nov 2015 17:32

Tgt Ion: 136 Resp: 805127

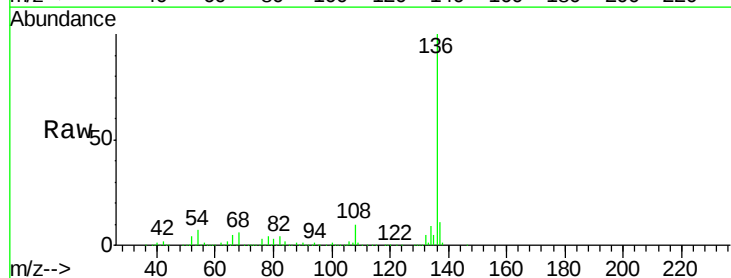
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 7.5 9.1 13.7#

68 5.5 4.8 7.2

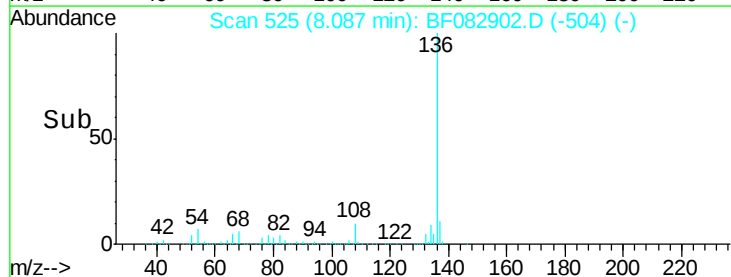
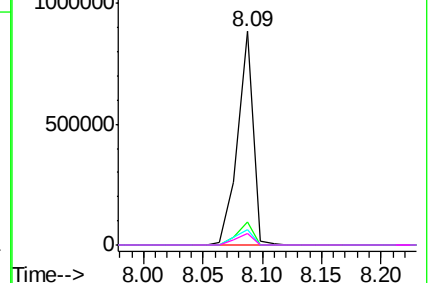


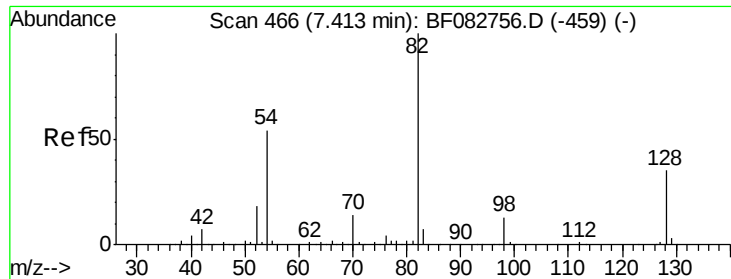
Abundance Ion 136.00 (135.70 to 136.70): E

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

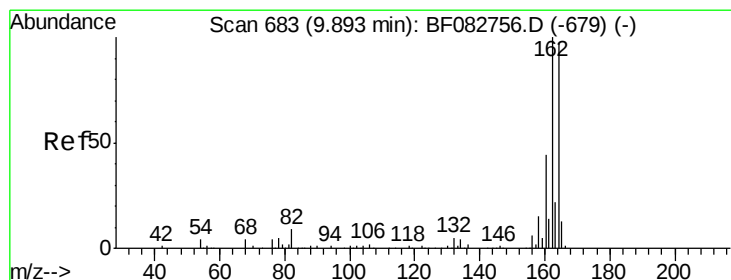
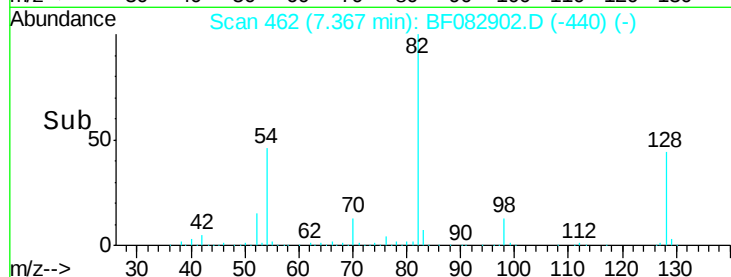
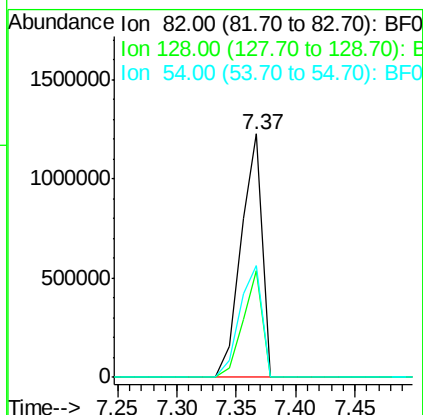
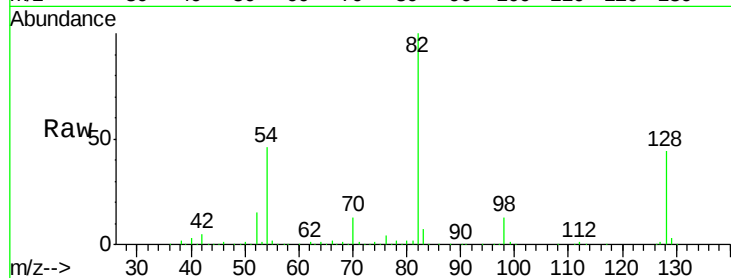




#23
 Nitrobenzene-d5
 Concen: 81.40 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.04 min
 Lab File: BF082902.D
 Acq: 13 Nov 2015 17:32

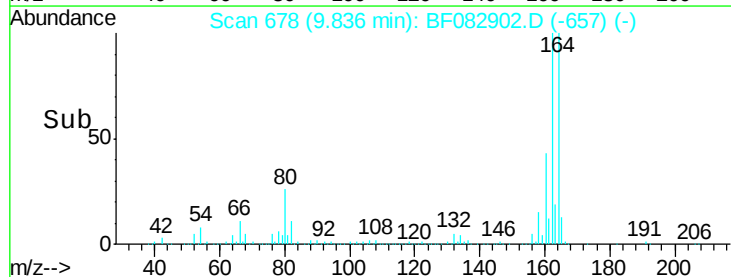
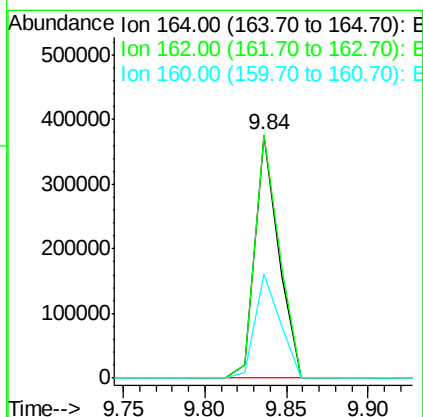
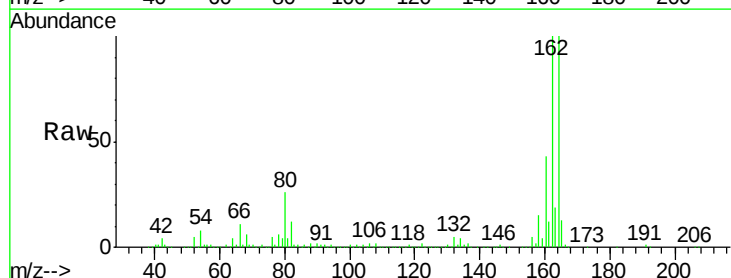
Instrument :
 BNA_F
 ClientSampleId :
 TEC-14

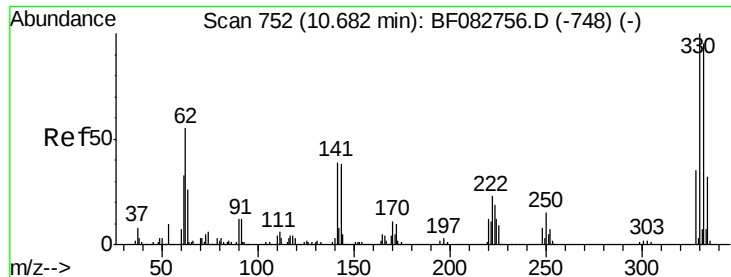
Tgt Ion: 82 Resp: 1506264
 Ion Ratio Lower Upper
 82 100
 128 43.8 26.8 40.2#
 54 45.7 45.7 68.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 678
 Delta R.T. -0.06 min
 Lab File: BF082902.D
 Acq: 13 Nov 2015 17:32

Tgt Ion: 164 Resp: 380059
 Ion Ratio Lower Upper
 164 100
 162 100.3 84.9 127.3
 160 42.7 37.5 56.3

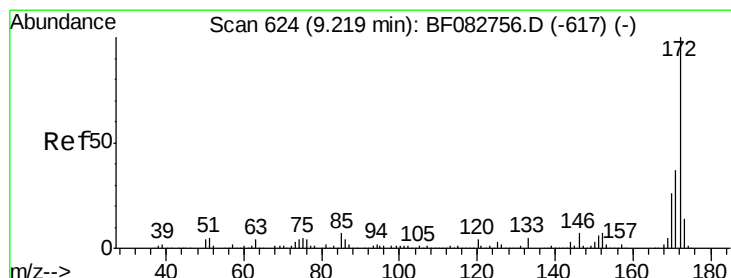
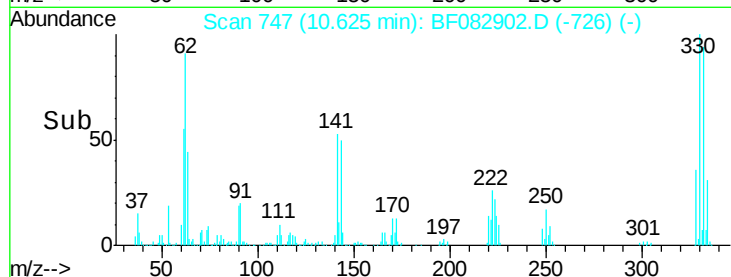
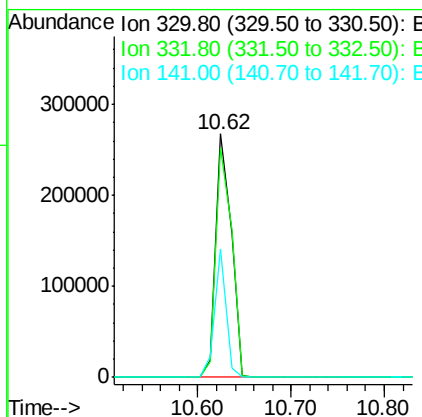
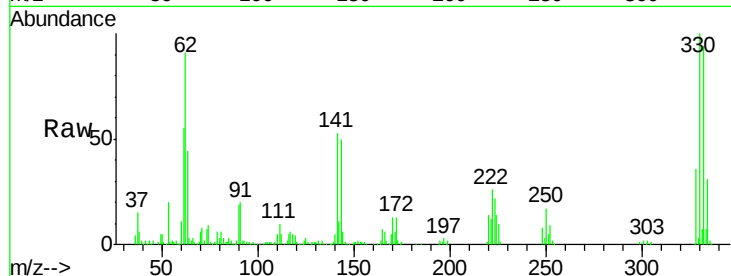




#41
 2,4,6-Tribromophenol
 Concen: 70.81 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.06 min
 Lab File: BF082902.D
 Acq: 13 Nov 2015 17:32

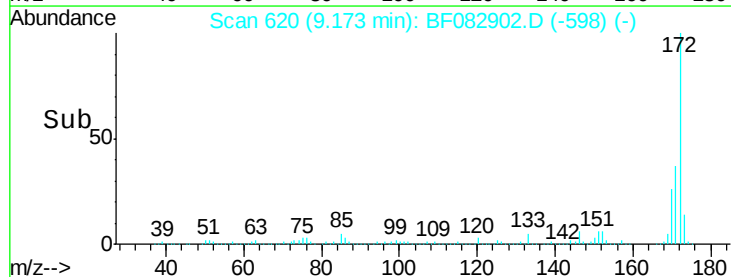
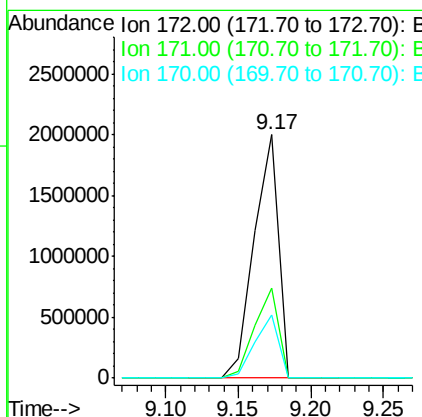
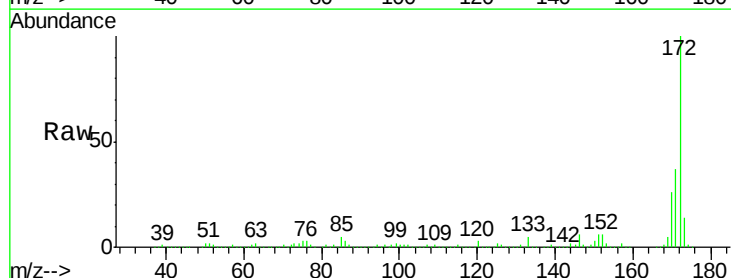
Instrument :
 BNA_F
 ClientSampleId :
 TEC-14

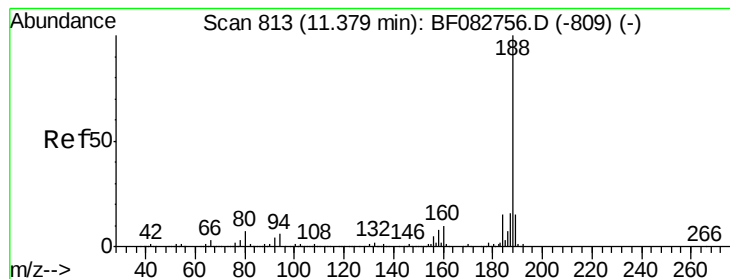
Tgt Ion:330 Resp: 308556
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.6 114.8
 141 39.4 41.2 61.8#



#44
 2-Fluorobiphenyl
 Concen: 87.84 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF082902.D
 Acq: 13 Nov 2015 17:32

Tgt Ion:172 Resp: 2329204
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.8 46.2
 170 25.9 21.2 31.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 808

Delta R.T. -0.06 min

Lab File: BF082902.D

Acq: 13 Nov 2015 17:32

Instrument :

BNA_F

ClientSampleId :

TEC-14

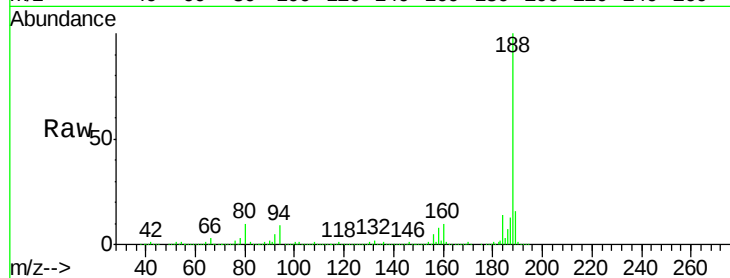
Tgt Ion:188 Resp: 729775

Ion Ratio Lower Upper

188 100

94 9.0 6.1 9.1

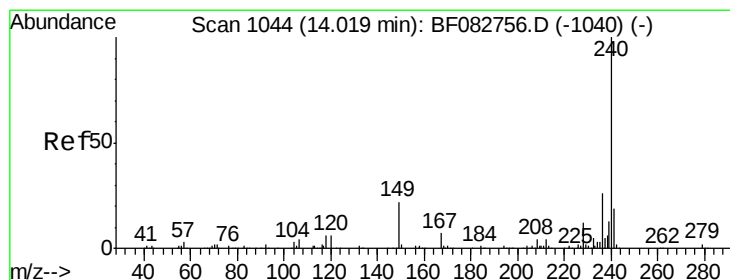
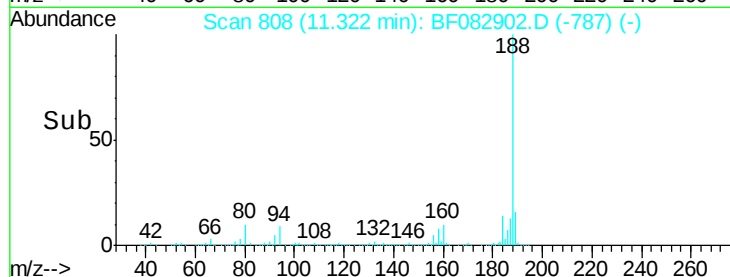
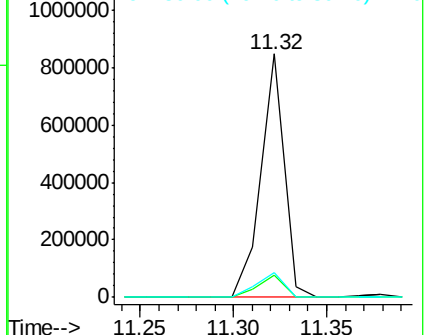
80 9.9 7.0 10.6



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: 13.95 min Scan# 1038

Delta R.T. -0.07 min

Lab File: BF082902.D

Acq: 13 Nov 2015 17:32

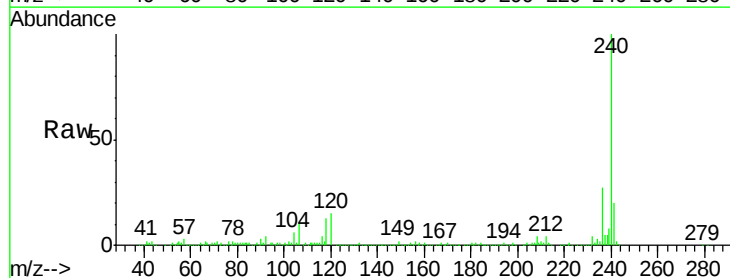
Tgt Ion:240 Resp: 587011

Ion Ratio Lower Upper

240 100

120 14.9 10.9 16.3

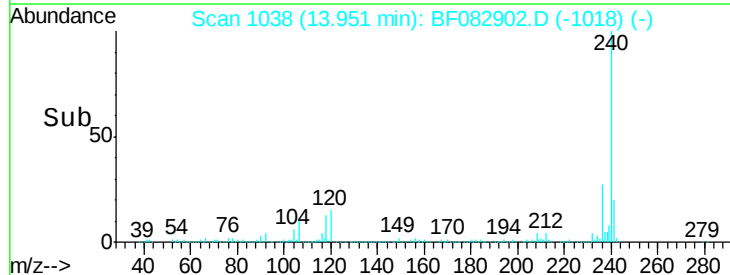
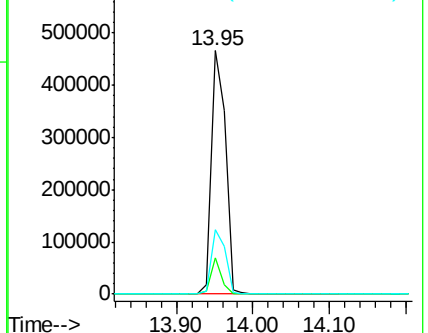
236 26.5 21.6 32.4

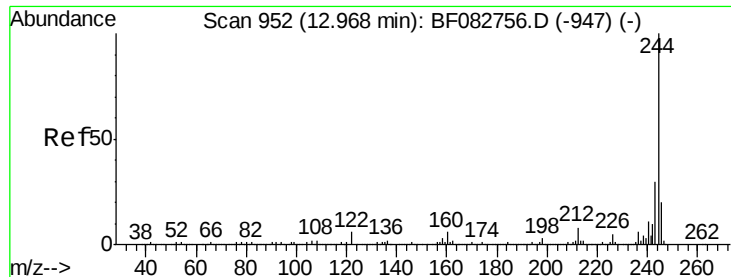


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

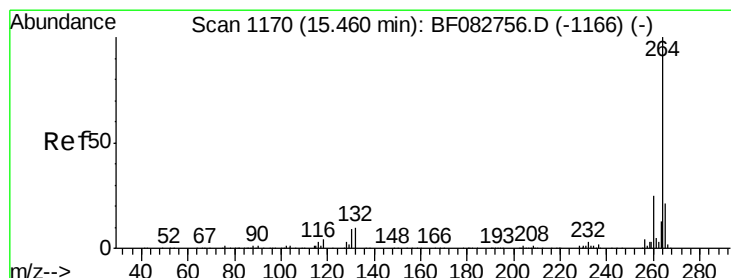
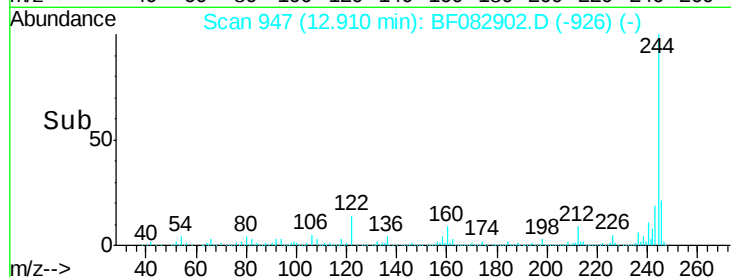
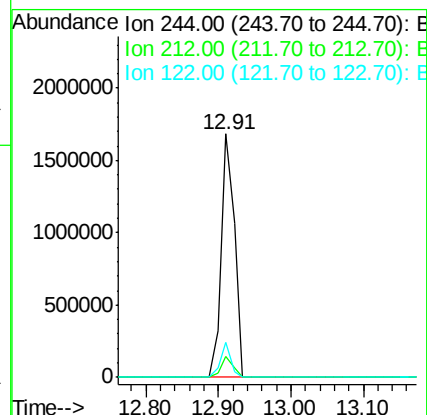
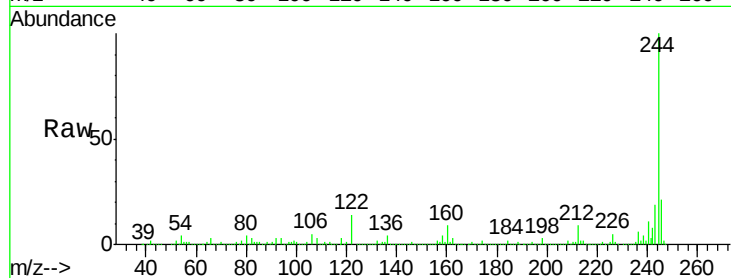




#78
 Terphenyl-d14
 Concen: 85.59 ng
 RT: 12.91 min Scan# 947
 Delta R.T. -0.06 min
 Lab File: BF082902.D
 Acq: 13 Nov 2015 17:32

Instrument :
 BNA_F
 ClientSampleId :
 TEC-14

Tgt Ion:244 Resp: 2118284
 Ion Ratio Lower Upper
 244 100
 212 8.6 7.6 11.4
 122 14.3 11.3 16.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1162
 Delta R.T. -0.09 min
 Lab File: BF082902.D
 Acq: 13 Nov 2015 17:32

Tgt Ion:264 Resp: 479596
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.8 29.6
 265 22.3 17.4 26.0

