

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081015\
 Data File : BF080957.D
 Acq On : 10 Aug 2015 18:07
 Operator : TP/UM
 Sample : PB84929TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84929TB

Quant Time: Aug 11 01:59:57 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 08 01:33:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	79634	20.00	ng	-0.02
21) Naphthalene-d8	8.06	136	293115	20.00	ng	-0.03
38) Acenaphthene-d10	9.82	164	163575	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	313633	20.00	ng	-0.02
75) Chrysene-d12	13.93	240	268224	20.00	ng	-0.03
86) Perylene-d12	15.32	264	249302	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	400706	82.21	ng	0.01
7) Phenol-d6	6.42	99	457095	68.44	ng	-0.02
23) Nitrobenzene-d5	7.34	82	259790	41.92	ng	-0.03
41) 2,4,6-Tribromophenol	10.61	330	117515	65.39	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	548073	47.17	ng	-0.02
78) Terphenyl-d14	12.89	244	605092	46.60	ng	-0.02

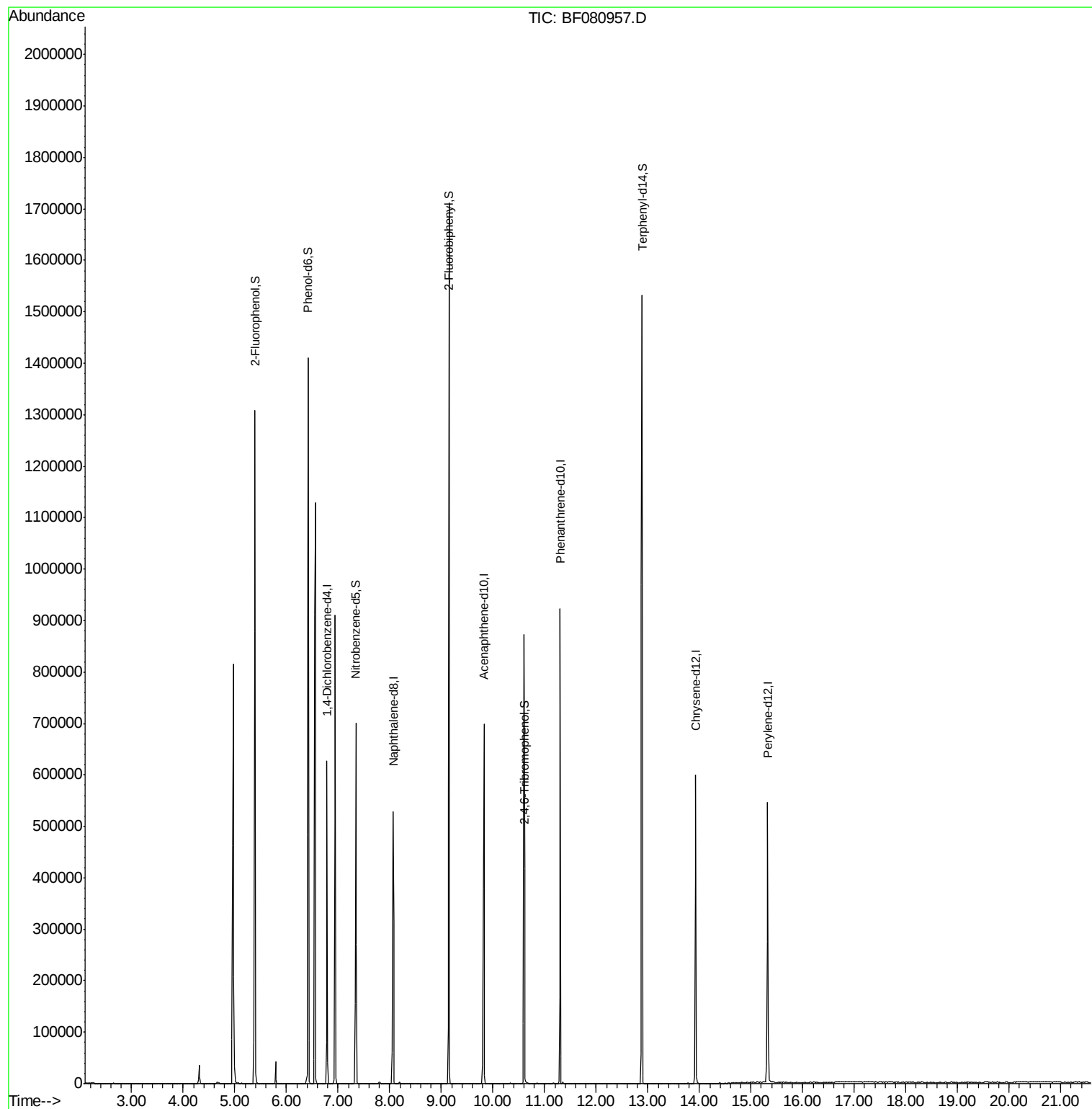
Target Compounds	Qvalue
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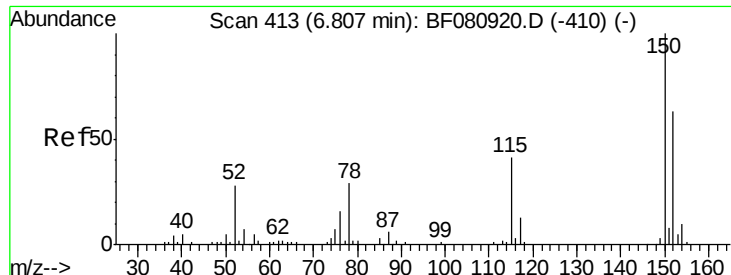
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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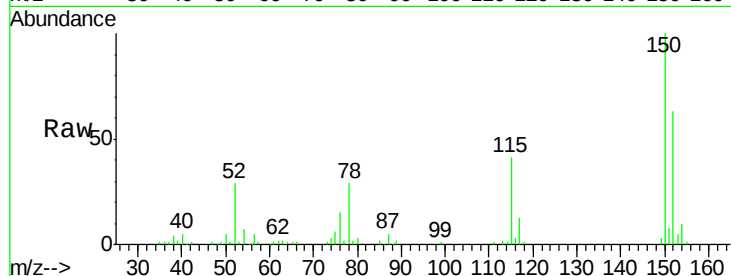


#1

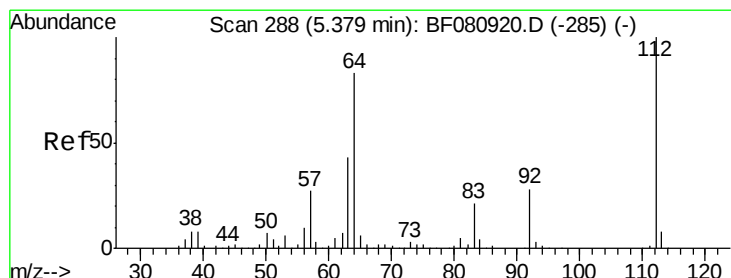
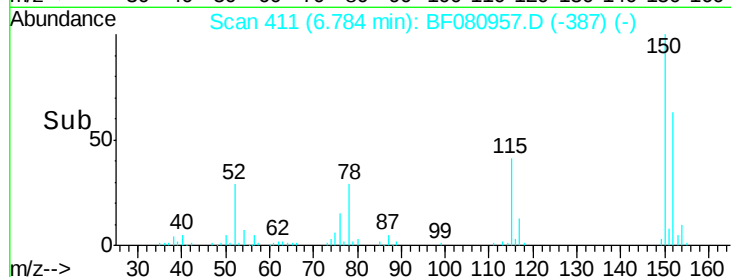
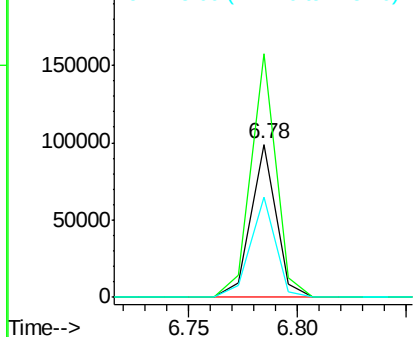
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.02 min
Lab File: BF080957.D
Acq: 10 Aug 2015 18:07

Instrument :
BNA_F
ClientSampleId :
PB84929TB

Tgt Ion:152 Resp: 79634
Ion Ratio Lower Upper
152 100
150 159.2 127.4 191.2
115 65.2 52.6 78.8



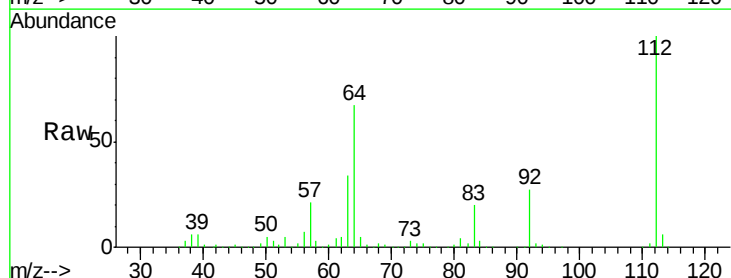
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



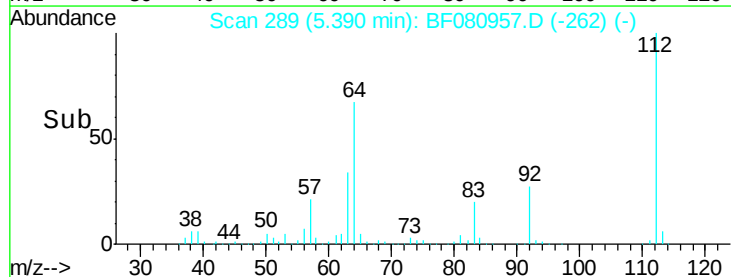
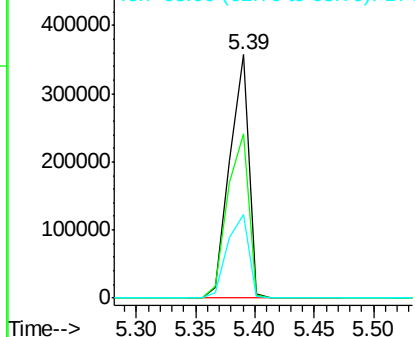
#5

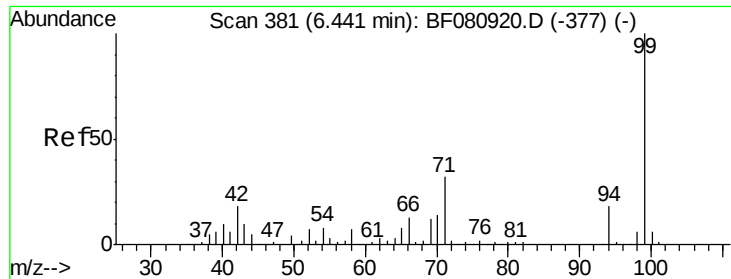
2-Fluorophenol
Concen: 82.21 ng
RT: 5.39 min Scan# 289
Delta R.T. 0.01 min
Lab File: BF080957.D
Acq: 10 Aug 2015 18:07

Tgt Ion:112 Resp: 400706
Ion Ratio Lower Upper
112 100
64 67.3 66.1 99.1
63 34.5 34.6 52.0#



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: 68.44 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF080957.D

Acq: 10 Aug 2015 18:07

Instrument :

BNA_F

ClientSampleId :

PB84929TB

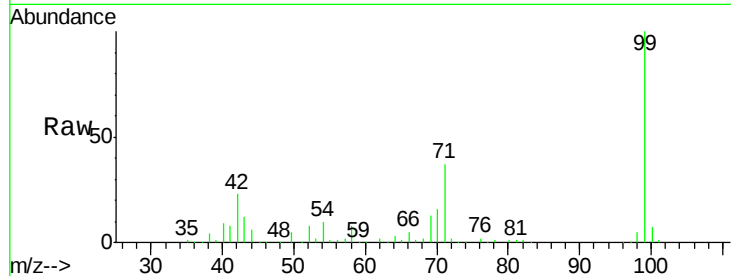
Tgt Ion: 99 Resp: 457095

Ion Ratio Lower Upper

99 100

42 22.6 14.4 21.6#

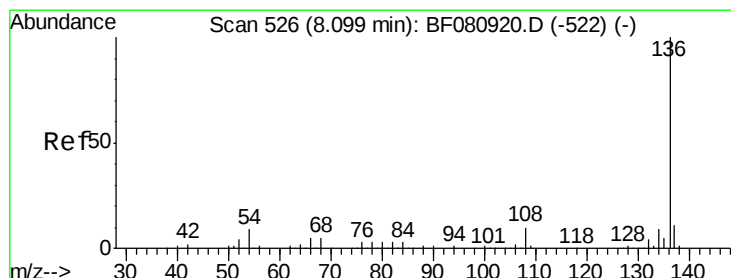
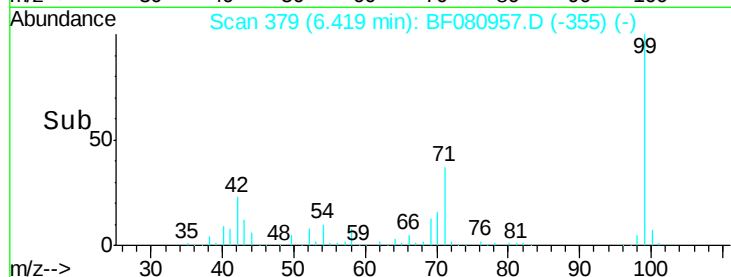
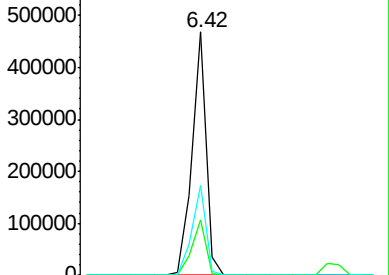
71 36.9 25.8 38.8



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: 8.06 min Scan# 523

Delta R.T. -0.03 min

Lab File: BF080957.D

Acq: 10 Aug 2015 18:07

Tgt Ion: 136 Resp: 293115

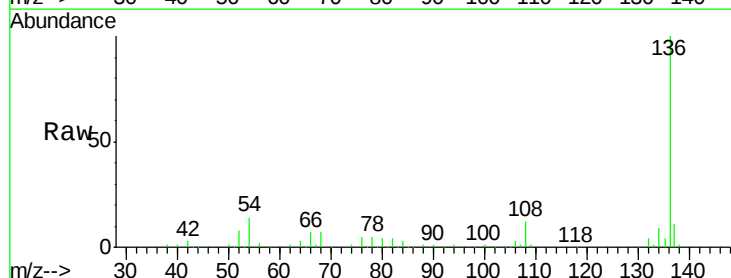
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 14.4 7.1 10.7#

68 6.8 3.8 5.8#

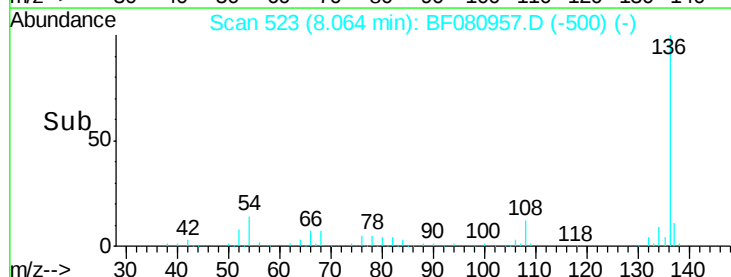
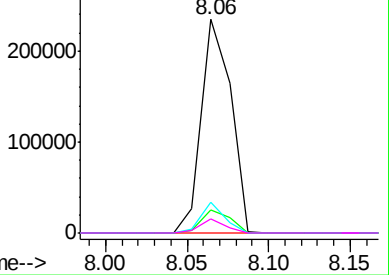


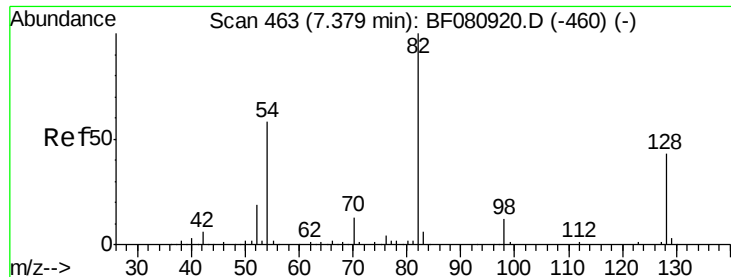
Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.92 ng

RT: 7.34 min Scan# 460

Delta R.T. -0.03 min

Lab File: BF080957.D

Acq: 10 Aug 2015 18:07

Instrument :

BNA_F

ClientSampleId :

PB84929TB

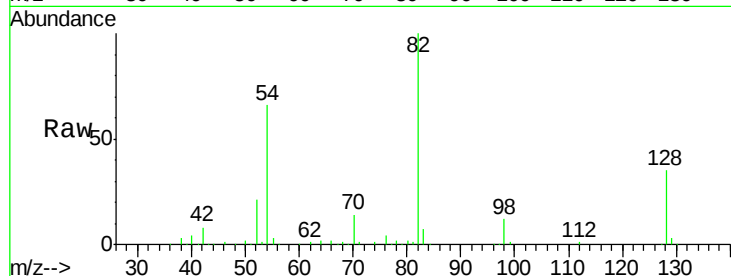
Tgt Ion: 82 Resp: 259790

Ion Ratio Lower Upper

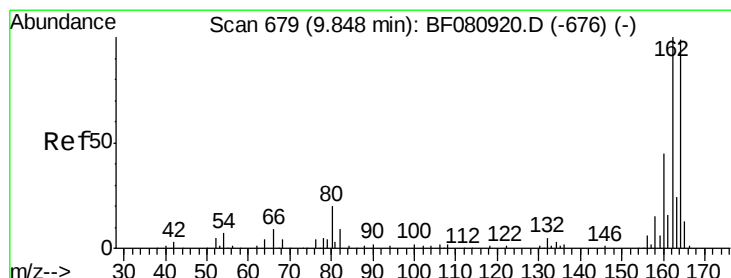
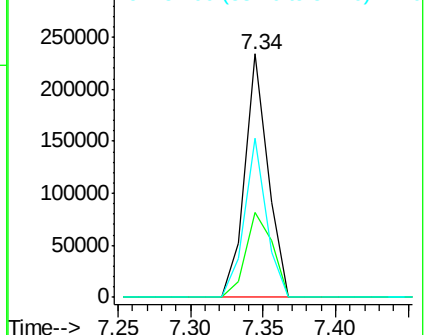
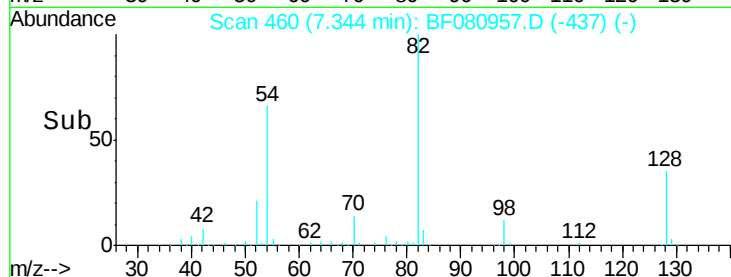
82 100

128 34.9 34.1 51.1

54 65.6 46.5 69.7



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): B



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.02 min

Lab File: BF080957.D

Acq: 10 Aug 2015 18:07

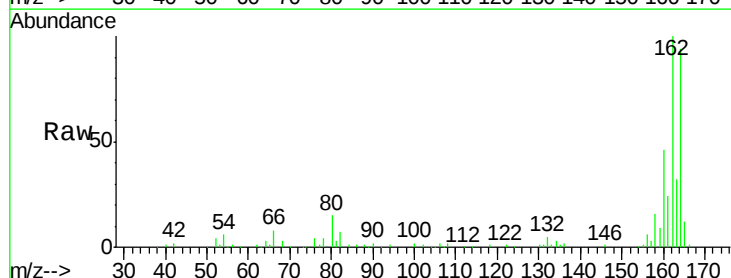
Tgt Ion: 164 Resp: 163575

Ion Ratio Lower Upper

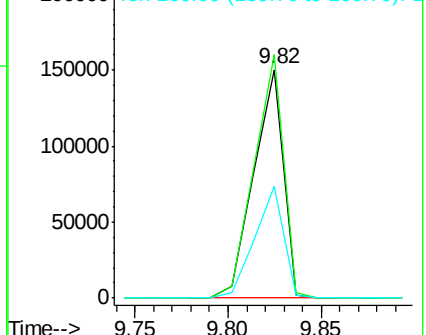
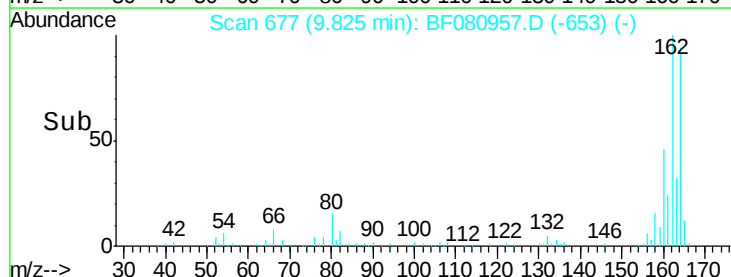
164 100

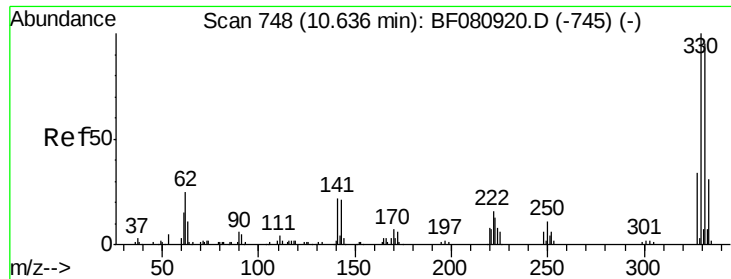
162 106.5 80.5 120.7

160 49.1 36.6 54.8



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

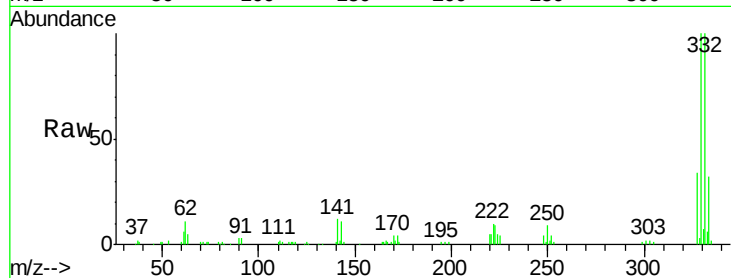




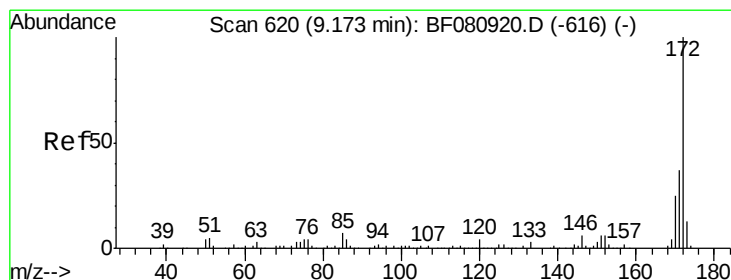
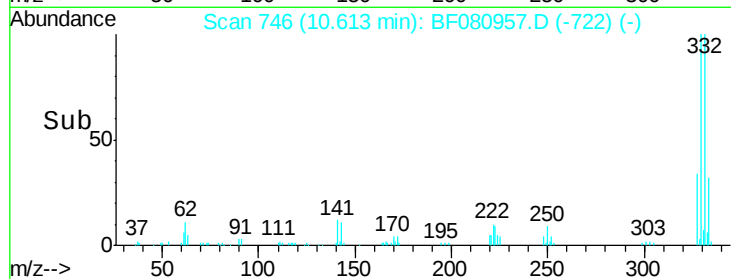
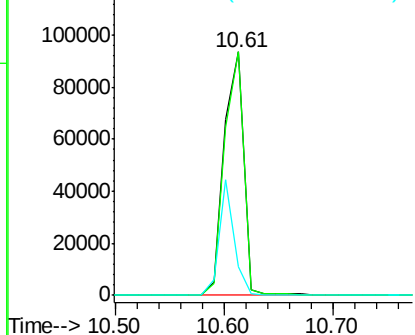
#41
 2,4,6-Tribromophenol
 Concen: 65.39 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.02 min
 Lab File: BF080957.D
 Acq: 10 Aug 2015 18:07

Instrument :
 BNA_F
 ClientSampleId :
 PB84929TB

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.8	76.2	114.4
141	36.6	27.8	41.8

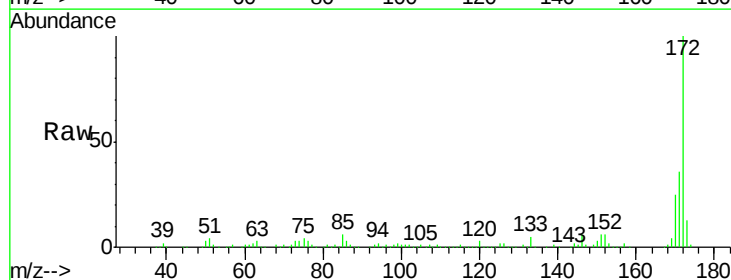


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

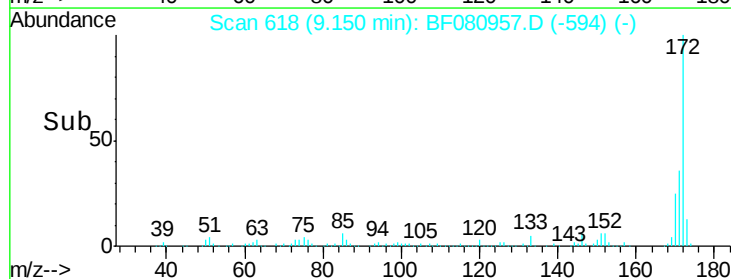
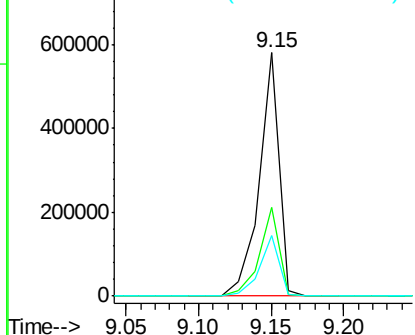


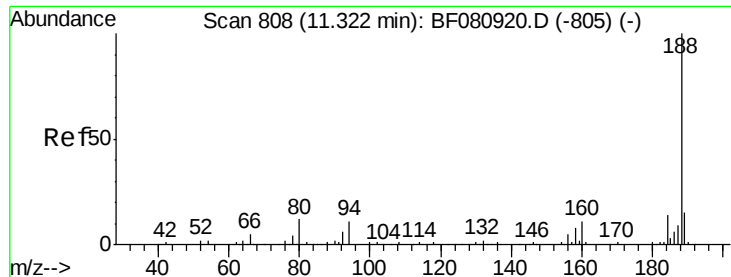
#44
 2-Fluorobiphenyl
 Concen: 47.17 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: BF080957.D
 Acq: 10 Aug 2015 18:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.0
170	25.0	19.7	29.5



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

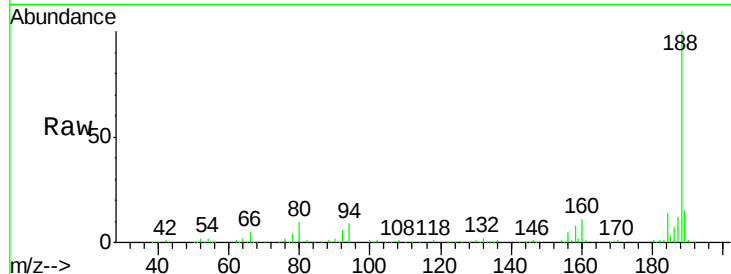




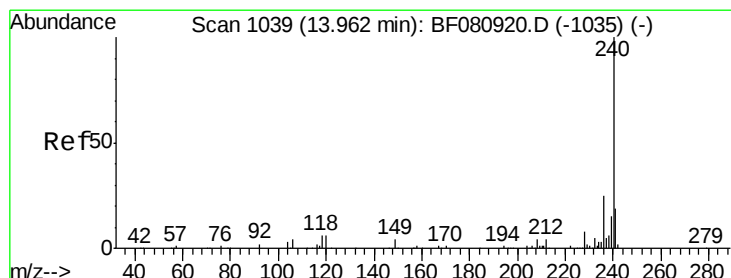
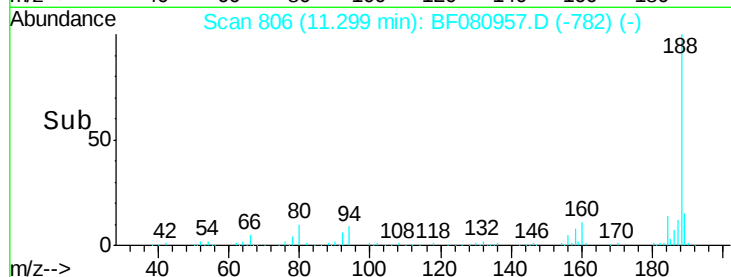
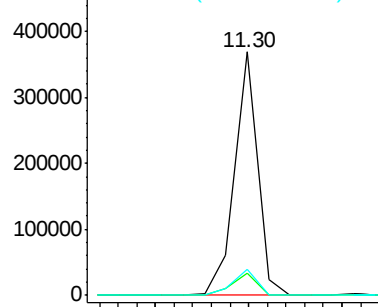
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.02 min
Lab File: BF080957.D
Acq: 10 Aug 2015 18:07

Instrument :
BNA_F
ClientSampleId :
PB84929TB

Tgt Ion:188 Resp: 313633
Ion Ratio Lower Upper
188 100
94 9.3 8.8 13.2
80 10.4 9.5 14.3

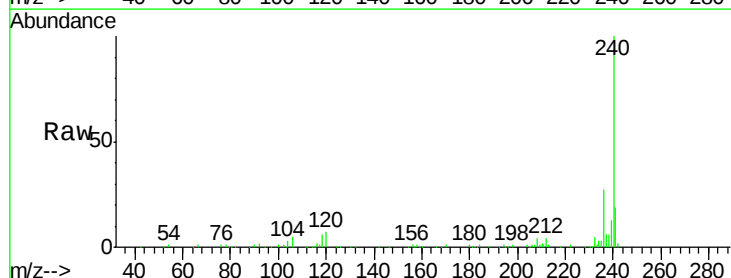


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

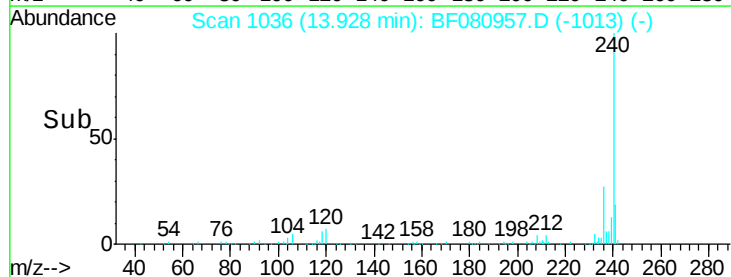
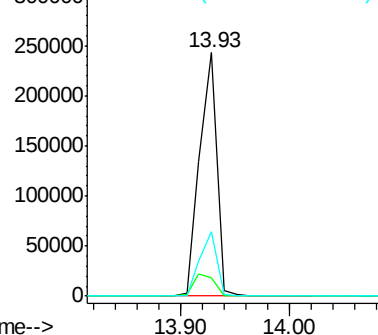


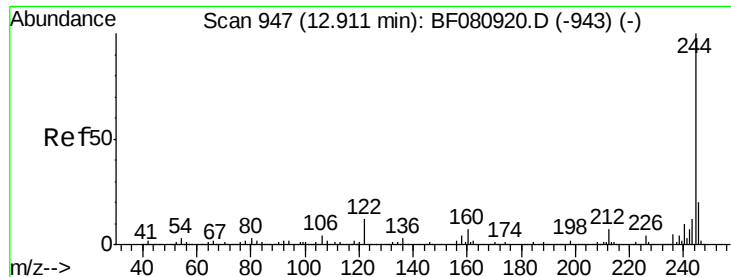
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1036
Delta R.T. -0.03 min
Lab File: BF080957.D
Acq: 10 Aug 2015 18:07

Tgt Ion:240 Resp: 268224
Ion Ratio Lower Upper
240 100
120 7.4 5.2 7.8
236 26.5 20.2 30.4



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

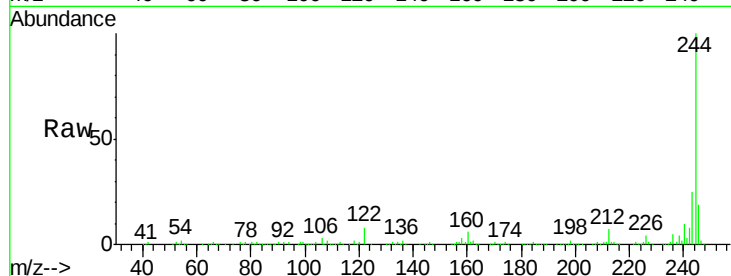




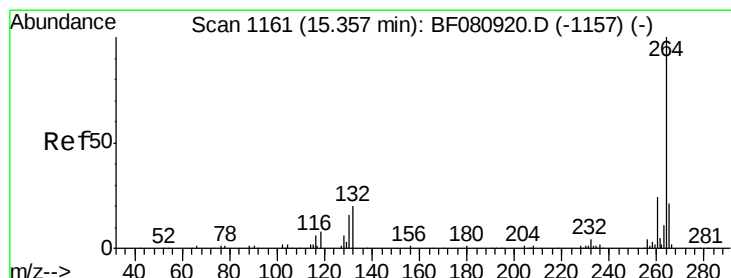
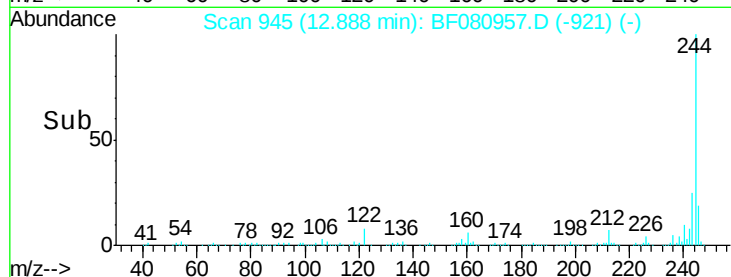
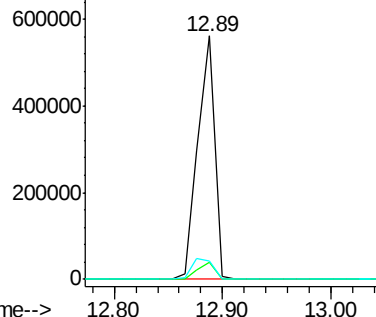
#78
 Terphenyl-d14
 Concen: 46.60 ng
 RT: 12.89 min Scan# 945
 Delta R.T. -0.02 min
 Lab File: BF080957.D
 Acq: 10 Aug 2015 18:07

Instrument :
 BNA_F
 ClientSampleId :
 PB84929TB

Tgt Ion:244 Resp: 605092
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.8
 122 7.8 9.4 14.2#

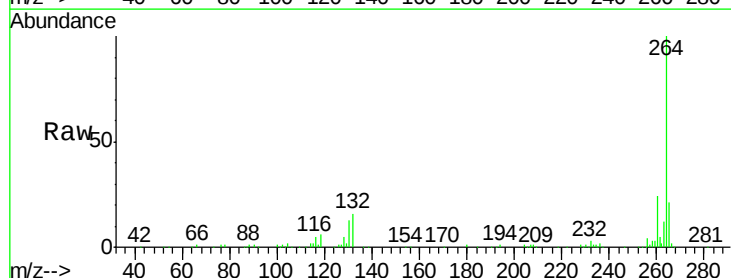


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.32 min Scan# 1158
 Delta R.T. -0.03 min
 Lab File: BF080957.D
 Acq: 10 Aug 2015 18:07

Tgt Ion:264 Resp: 249302
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.4 29.0
 265 21.3 17.0 25.4



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

