

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031915\
 Data File : BF077834.D
 Acq On : 19 Mar 2015 16:52
 Operator : TP/IZ
 Sample : PB82191BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82191BL

Quant Time: Mar 20 01:32:05 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 20 01:13:23 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.15	152	35150	20.00	ng	0.00
21) Naphthalene-d8	8.73	136	143484	20.00	ng	0.00
38) Acenaphthene-d10	10.90	164	67017	20.00	ng	0.00
63) Phenanthrene-d10	12.74	188	132640	20.00	ng	0.00
75) Chrysene-d12	16.02	240	133813	20.00	ng	-0.01
86) Perylene-d12	17.70	264	136107	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	264536	131.37	ng	0.01
7) Phenol-d6	6.73	99	335974	135.04	ng	0.00
23) Nitrobenzene-d5	7.85	82	193702	88.49	ng	0.00
41) 2,4,6-Tribromophenol	11.88	330	74678	116.47	ng	0.00
44) 2-Fluorobiphenyl	10.08	172	407809	89.43	ng	0.00
78) Terphenyl-d14	14.73	244	437630	79.89	ng	-0.01

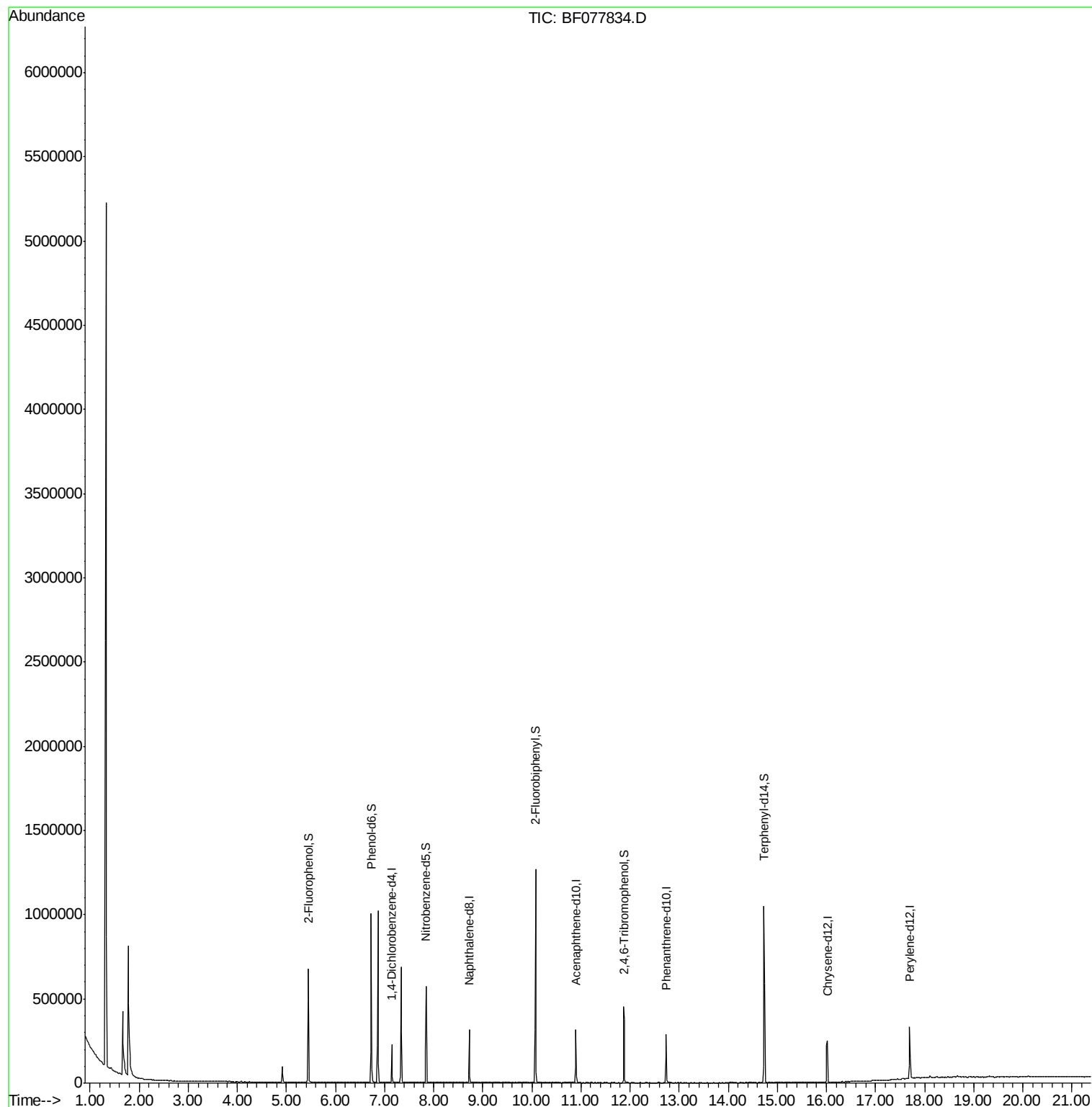
Target Compounds Qvalue

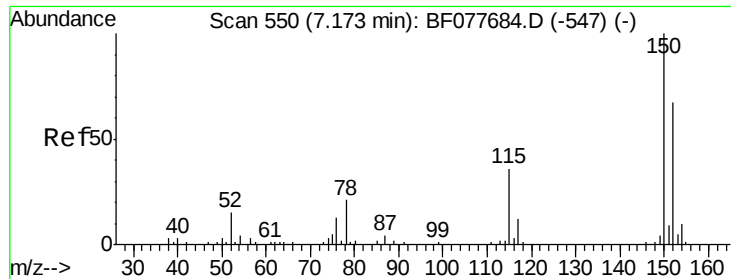
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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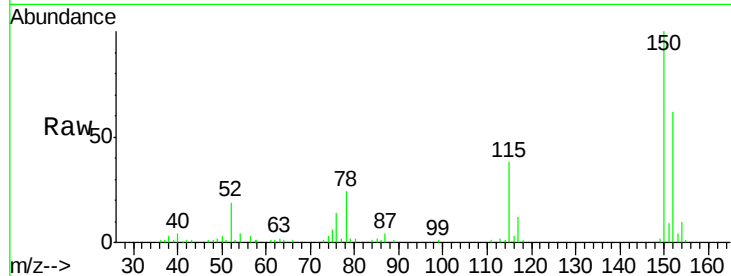


#1

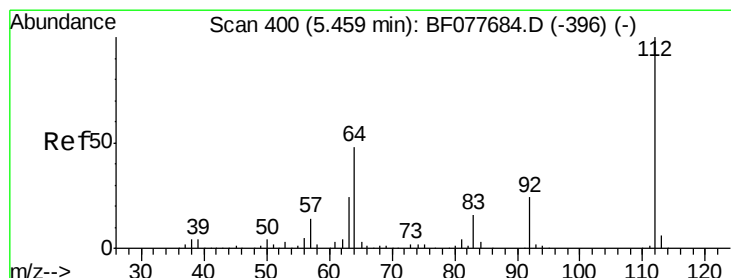
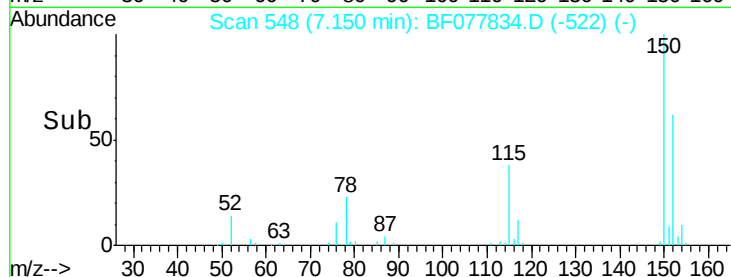
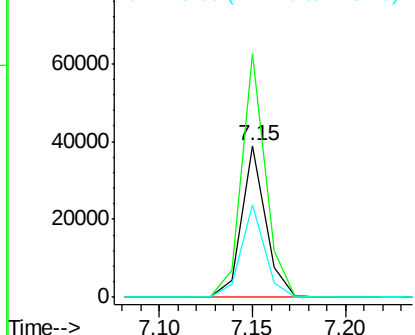
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.15 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF077834.D
Acq: 19 Mar 2015 16:52

Instrument :
BNA_F
ClientSampleId :
PB82191BL

Tot Ion:152 Resp: 35150
Ion Ratio Lower Upper
152 100
150 160.6 119.5 179.3
115 60.8 43.0 64.4



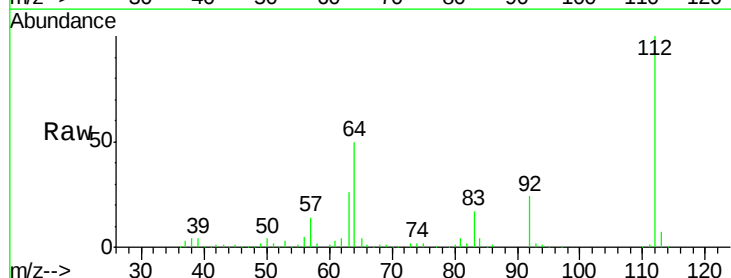
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



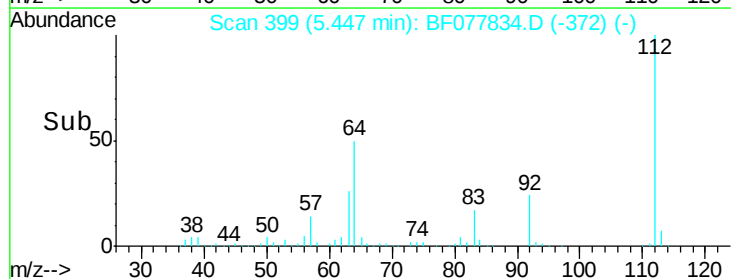
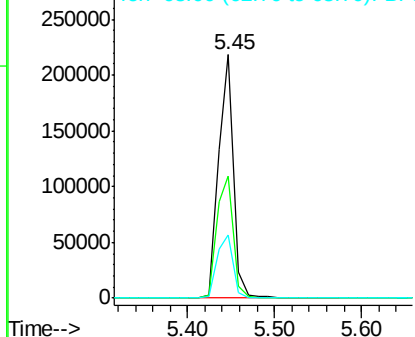
#5

2-Fluorophenol
Concen: 131.37 ng
RT: 5.45 min Scan# 399
Delta R.T. 0.01 min
Lab File: BF077834.D
Acq: 19 Mar 2015 16:52

Tgt Ion:112 Resp: 264536
Ion Ratio Lower Upper
112 100
64 50.2 38.6 57.8
63 25.7 19.3 28.9



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: 135.04 ng

RT: 6.73 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF077834.D

Acq: 19 Mar 2015 16:52

Instrument :

BNA_F

ClientSampleId :

PB82191BL

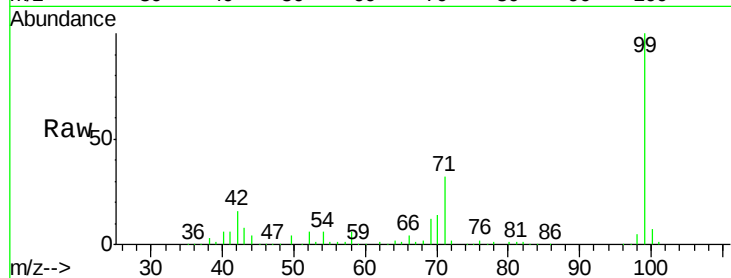
Tot Ion: 99 Resp: 335974

Ion Ratio Lower Upper

99 100

42 16.4 11.0 16.4

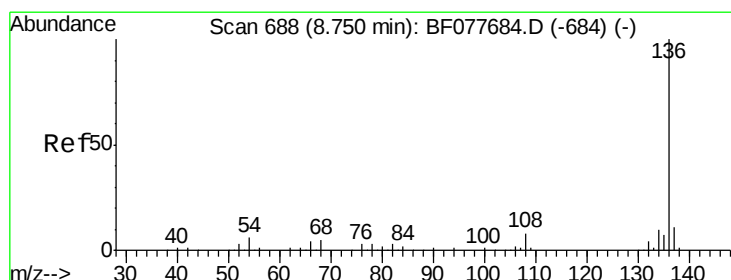
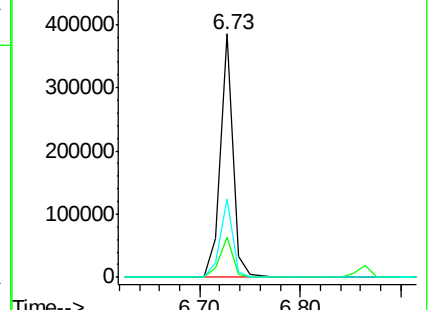
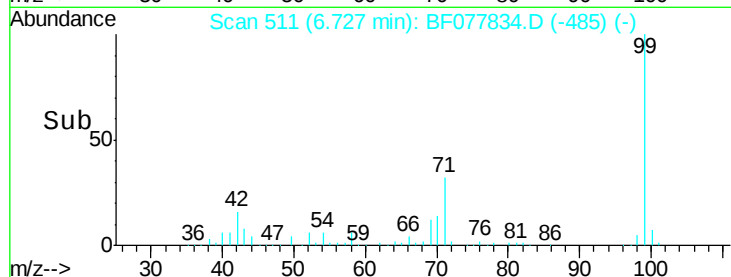
71 32.2 23.4 35.2



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: 8.73 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF077834.D

Acq: 19 Mar 2015 16:52

Tgt Ion: 136 Resp: 143484

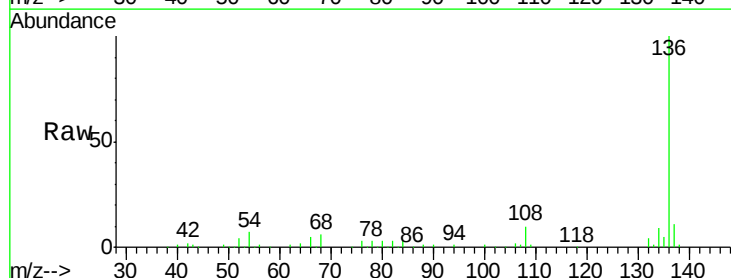
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 6.8 4.6 6.8

68 5.7 3.7 5.5#

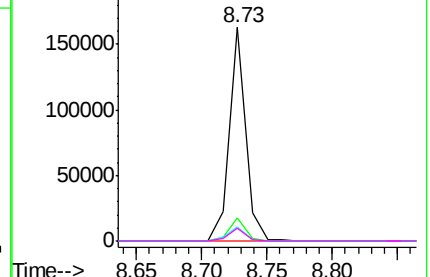
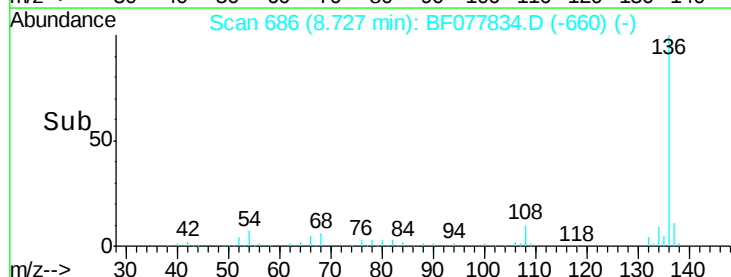


Abundance Ion 136.00 (135.70 to 136.70): E

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

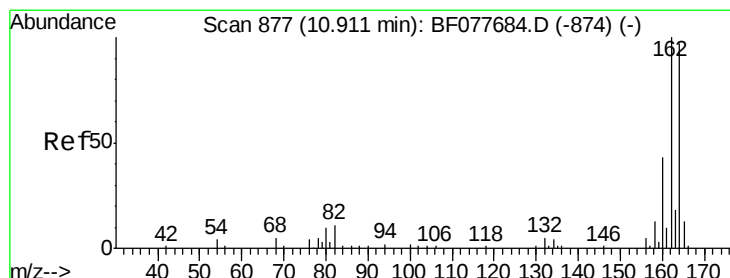
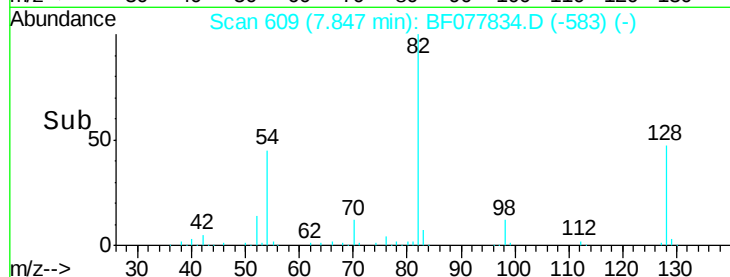
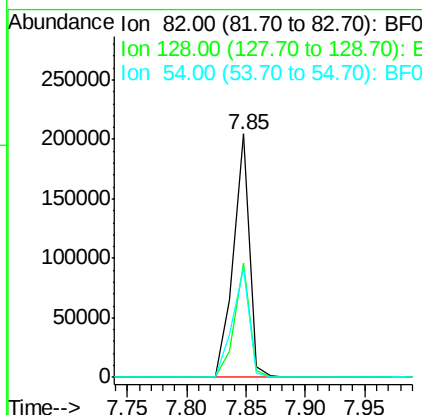
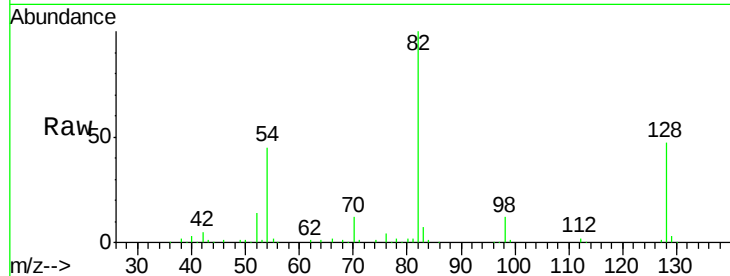




#23
 Nitrobenzene-d5
 Concen: 88.49 ng
 RT: 7.85 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF077834.D
 Acq: 19 Mar 2015 16:52

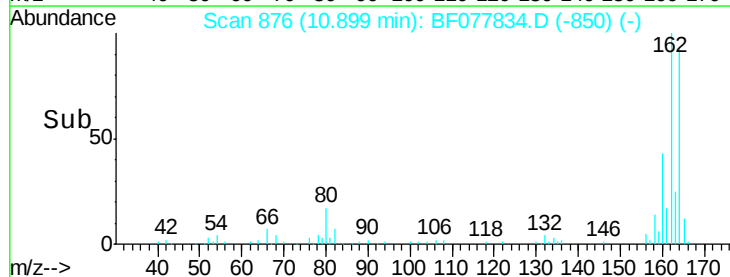
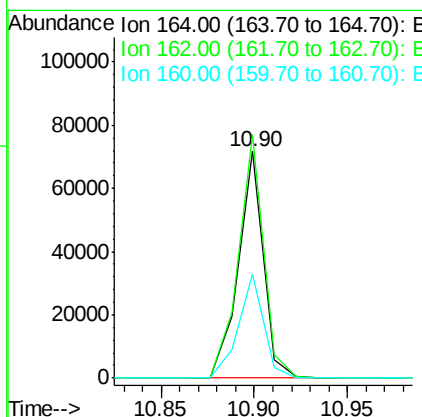
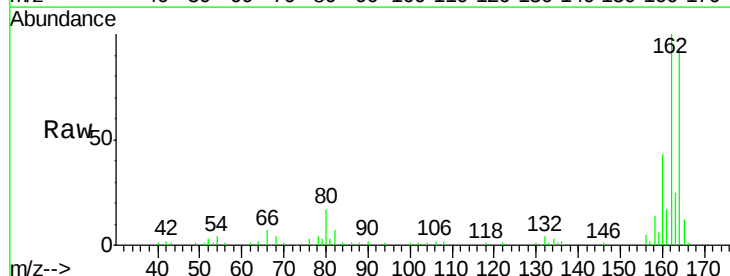
Instrument :
 BNA_F
 ClientSampled :
 PB82191BL

Tot Ion	82	Resp	193702
Ion Ratio	Lower	Upper	
82	100		
128	47.0	32.8	49.2
54	45.0	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.90 min Scan# 876
 Delta R.T. 0.00 min
 Lab File: BF077834.D
 Acq: 19 Mar 2015 16:52

Tgt Ion	164	Resp	67017
Ion Ratio	Lower	Upper	
164	100		
162	107.4	82.4	123.6
160	46.0	35.8	53.6

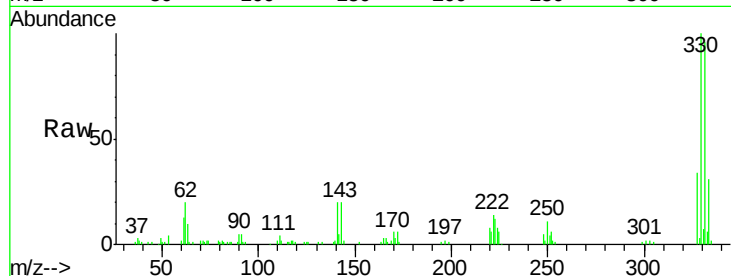




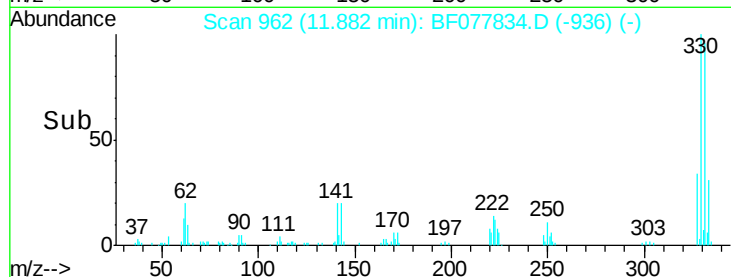
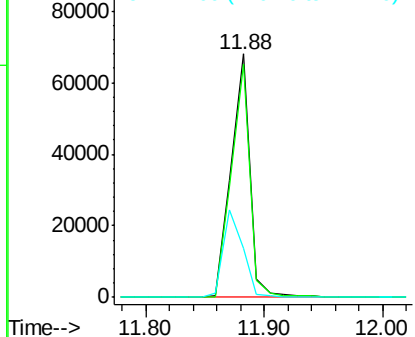
#41
 2,4,6-Tribromophenol
 Concen: 116.47 ng
 RT: 11.88 min Scan# 962
 Delta R.T. 0.00 min
 Lab File: BF077834.D
 Acq: 19 Mar 2015 16:52

Instrument :
 BNA_F
 ClientSampleId :
 PB82191BL

Tot Ion:330 Resp: 74678
 Ion Ratio Lower Upper
 330 100
 332 95.5 0.0 0.0#
 141 37.0 0.0 0.0#

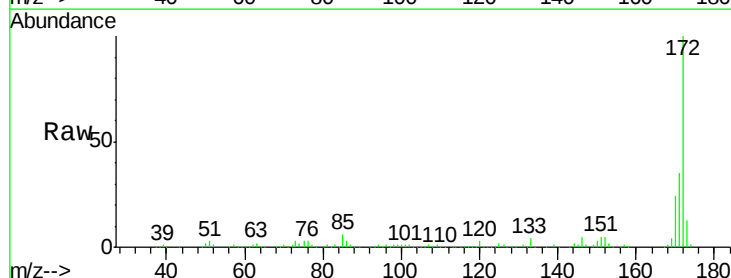


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

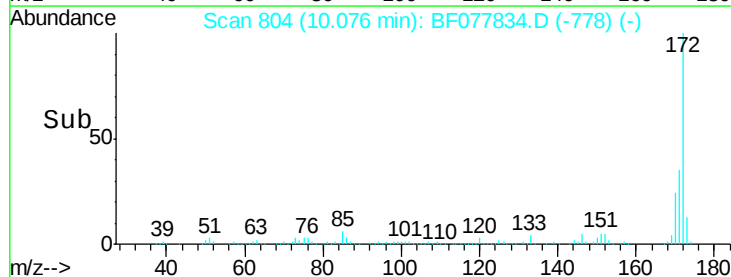
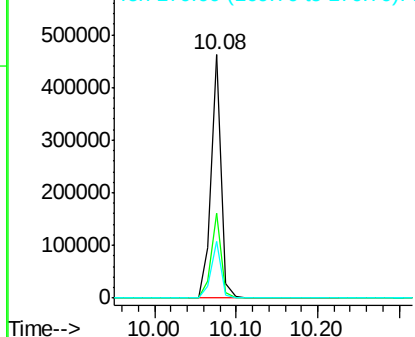


#44
 2-Fluorobiphenyl
 Concen: 89.43 ng
 RT: 10.08 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF077834.D
 Acq: 19 Mar 2015 16:52

Tgt Ion:172 Resp: 407809
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.5 42.7
 170 23.5 18.8 28.2



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

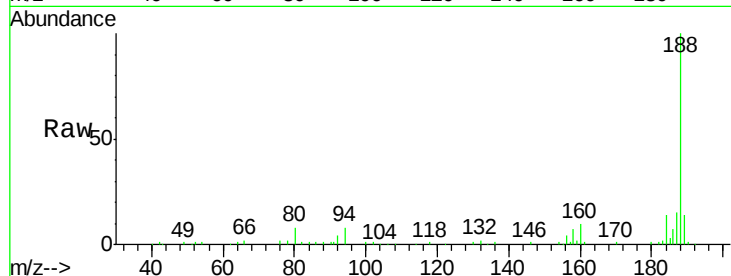




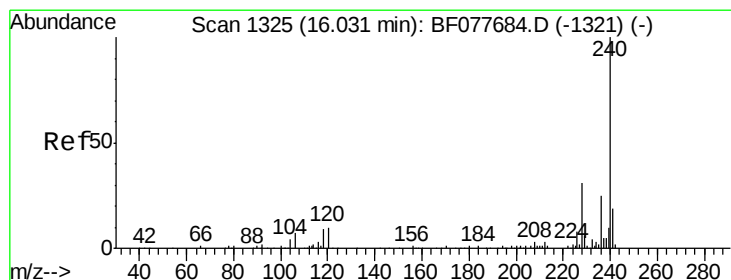
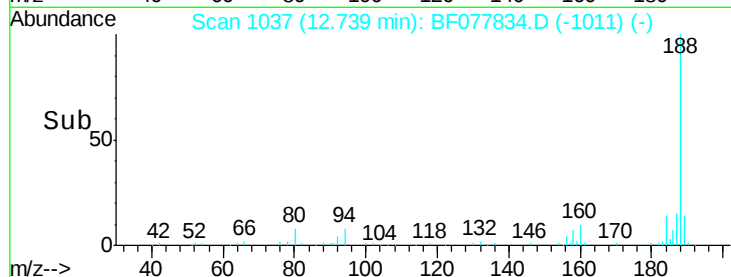
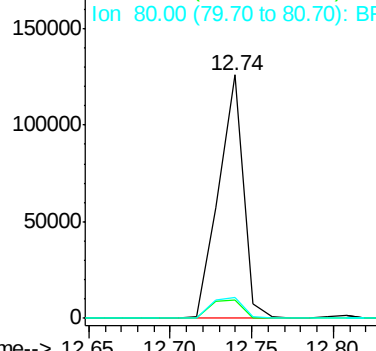
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.74 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF077834.D
Acq: 19 Mar 2015 16:52

Instrument :
BNA_F
ClientSampleId :
PB82191BL

Tot Ion:188 Resp: 132640
Ion Ratio Lower Upper
188 100
94 7.7 8.7 13.1#
80 8.5 9.3 13.9#

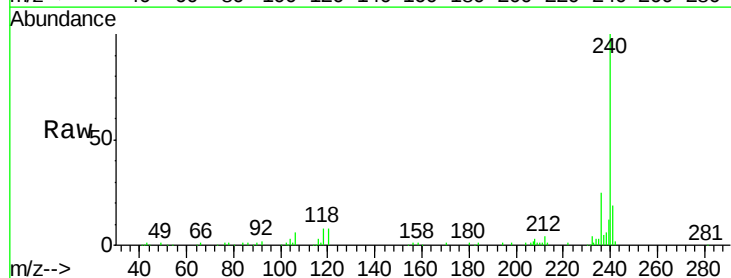


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

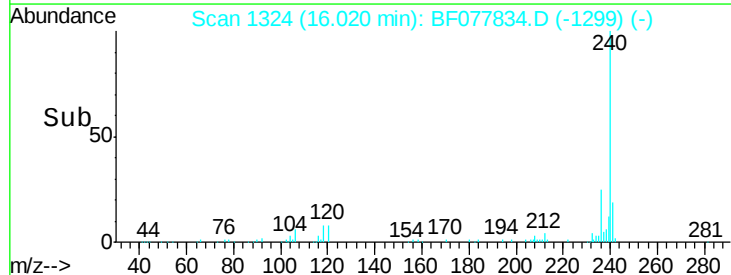
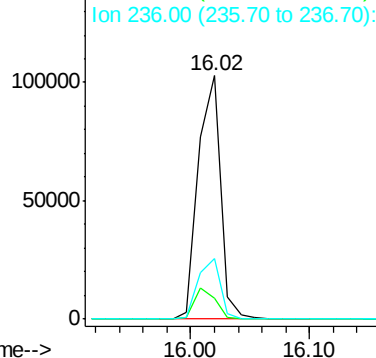


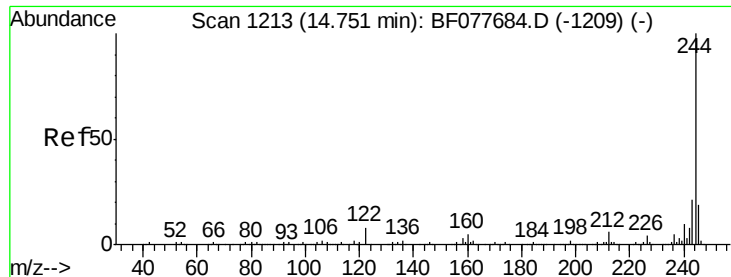
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.02 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF077834.D
Acq: 19 Mar 2015 16:52

Tgt Ion:240 Resp: 133813
Ion Ratio Lower Upper
240 100
120 8.5 8.2 12.2
236 25.1 20.0 30.0



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

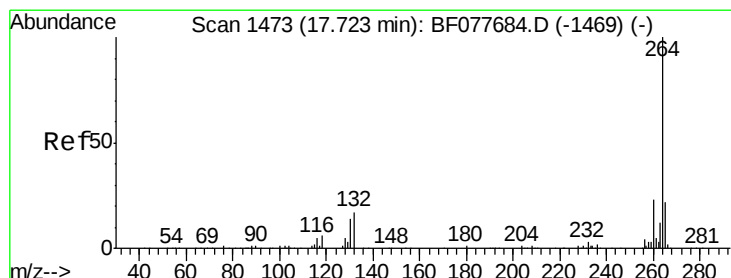
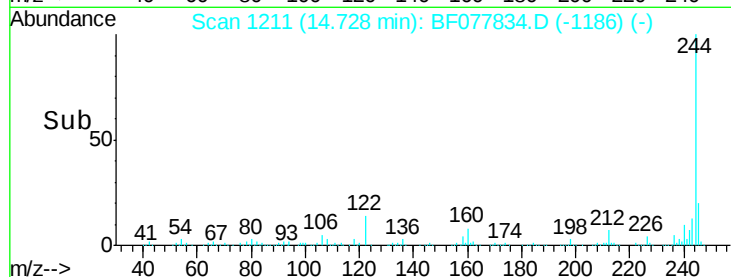
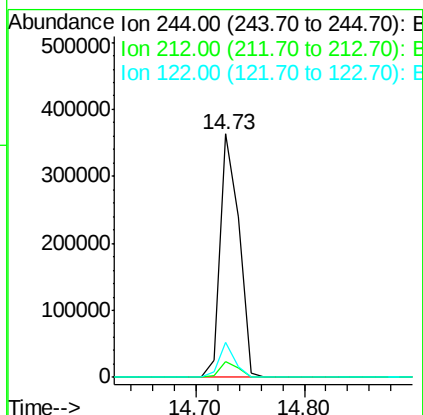
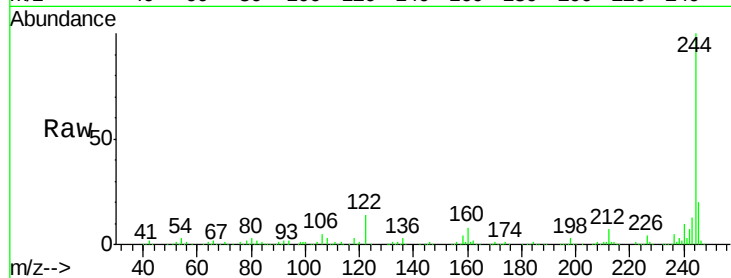




#78
 Terphenyl-d14
 Concen: 79.89 ng
 RT: 14.73 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF077834.D
 Acq: 19 Mar 2015 16:52

Instrument :
 BNA_F
 ClientSampleId :
 PB82191BL

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	4.9	7.3
122	14.4	6.2	9.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.70 min Scan# 1471
 Delta R.T. -0.09 min
 Lab File: BF077834.D
 Acq: 19 Mar 2015 16:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.6	27.8
265	22.7	17.3	25.9

