

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042015\
 Data File : BF078658.D
 Acq On : 20 Apr 2015 22:17
 Operator : TP/IZ
 Sample : G1932-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-49

Quant Time: Apr 21 01:27:49 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 21 00:52:21 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.85	152	33447	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	140455	20.00	ng	0.00
38) Acenaphthene-d10	11.20	164	71386	20.00	ng	-0.01
63) Phenanthrene-d10	13.94	188	140098	20.00	ng	0.00
75) Chrysene-d12	17.79	240	146166	20.00	ng	-0.01
86) Perylene-d12	19.50	264	135367	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	3.87	112	104576	51.55	ng	0.00
7) Phenol-d6	5.36	99	81912	32.22	ng	0.00
23) Nitrobenzene-d5	6.80	82	191840	82.79	ng	0.00
41) 2,4,6-Tribromophenol	12.67	330	84797	143.23	ng	-0.01
44) 2-Fluorobiphenyl	10.03	172	421050	84.31	ng	0.00
78) Terphenyl-d14	16.47	244	478224	73.93	ng	0.00

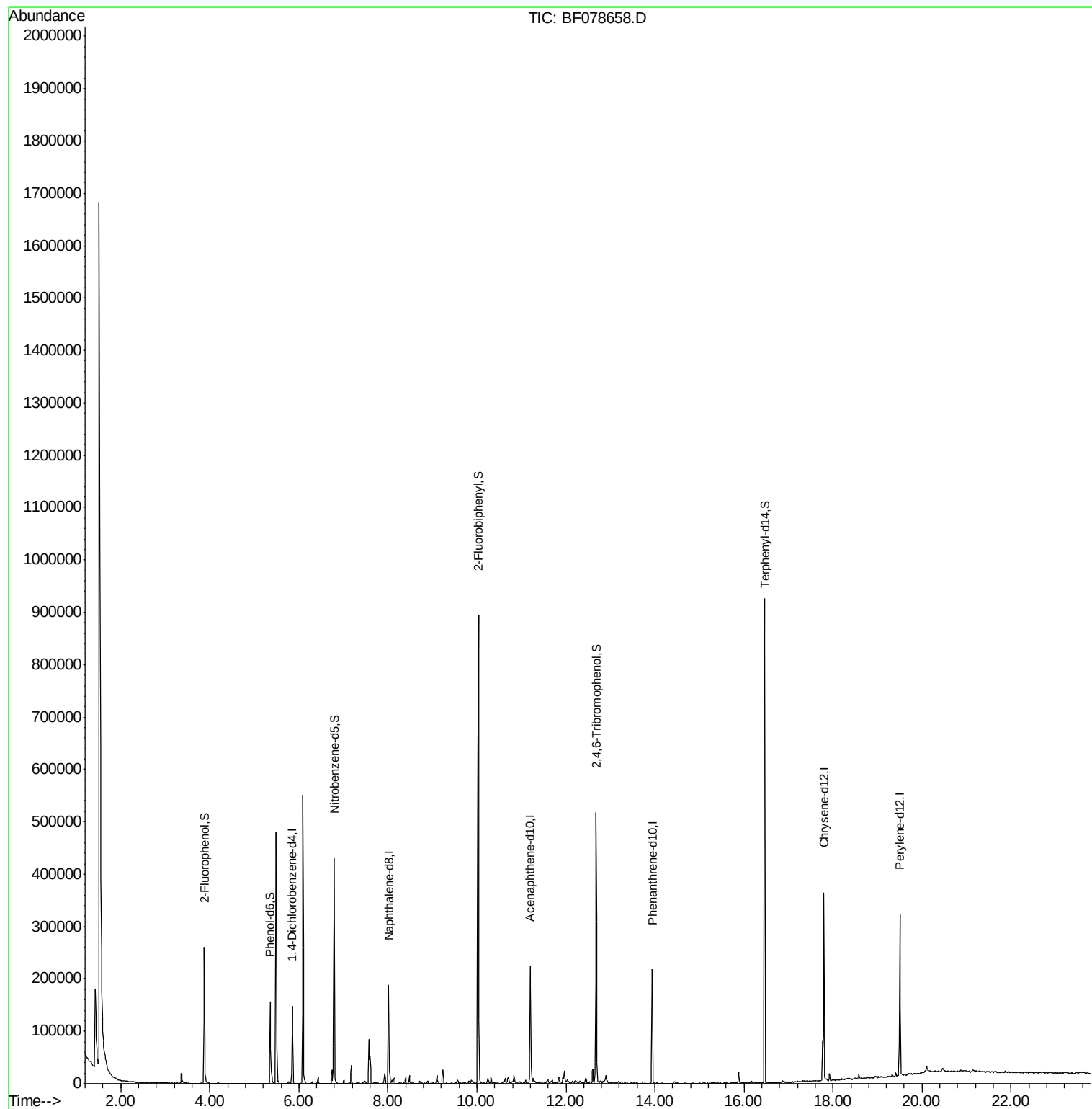
Target Compounds Qvalue

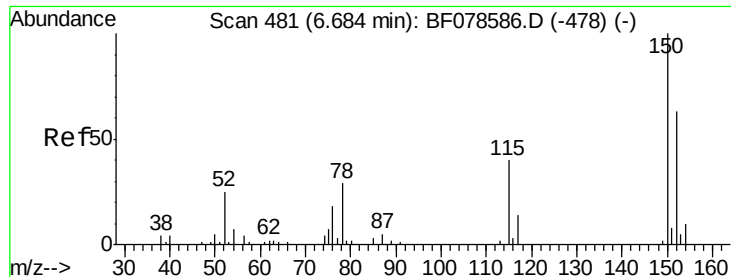
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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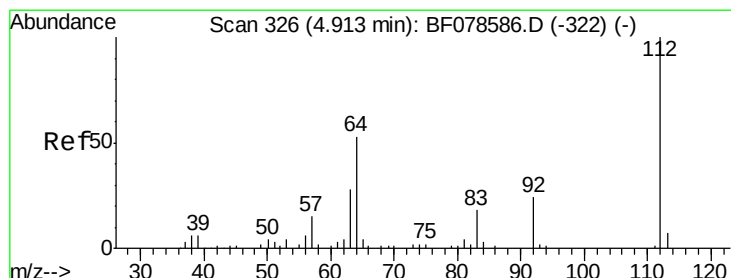
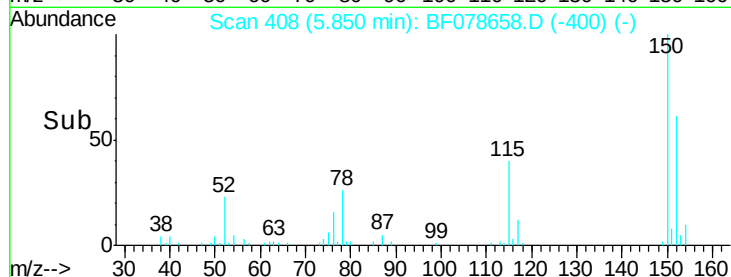
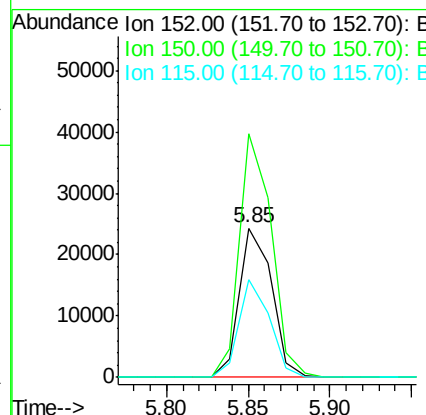
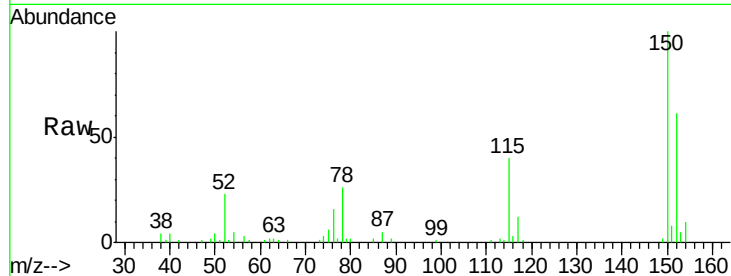


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.85 min Scan# 408
Delta R.T. -0.01 min
Lab File: BF078658.D
Acq: 20 Apr 2015 22:17

Instrument :
BNA_F
ClientSampleId :
MW-49

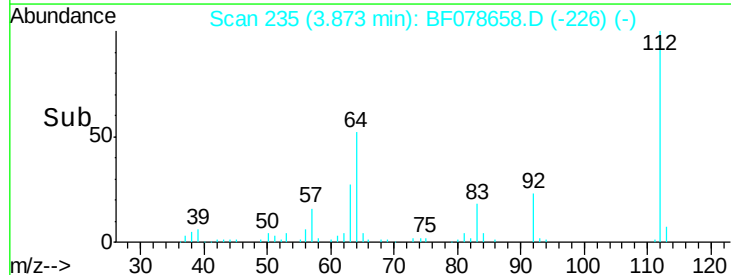
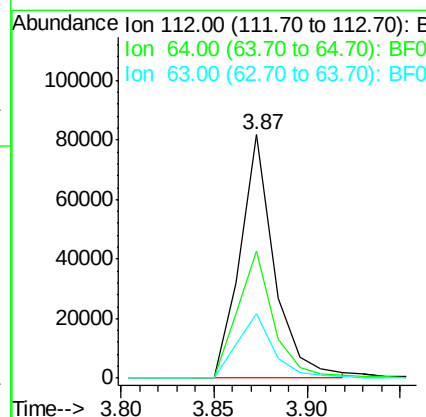
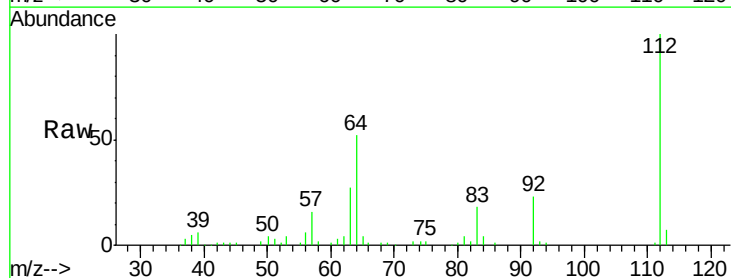
Tot Ion:152 Resp: 33447
Ion Ratio Lower Upper
152 100
150 163.5 125.9 188.9
115 65.4 52.7 79.1

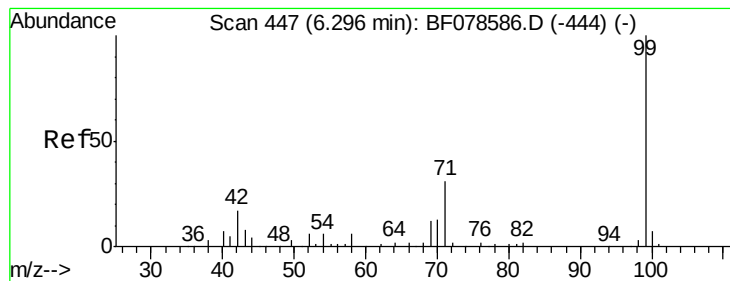


#5

2-Fluorophenol
Concen: 51.55 ng
RT: 3.87 min Scan# 235
Delta R.T. 0.00 min
Lab File: BF078658.D
Acq: 20 Apr 2015 22:17

Tgt Ion:112 Resp: 104576
Ion Ratio Lower Upper
112 100
64 52.0 39.9 59.9
63 26.7 20.2 30.4





#7

Phenol-d6

Concen: 32.22 ng

RT: 5.36 min Scan# 365

Delta R.T. 0.00 min

Lab File: BF078658.D

Acq: 20 Apr 2015 22:17

Instrument :

BNA_F

ClientSampleId :

MW-49

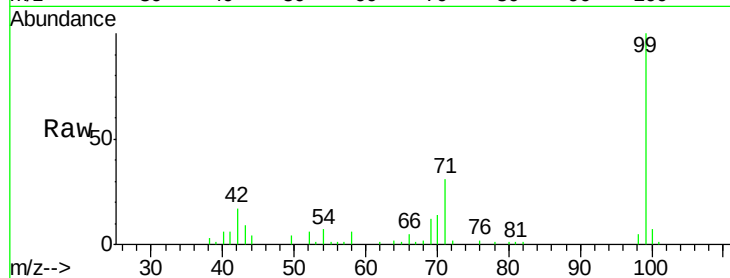
Tot Ion: 99 Resp: 81912

Ion Ratio Lower Upper

99 100

42 16.8 14.8 22.2

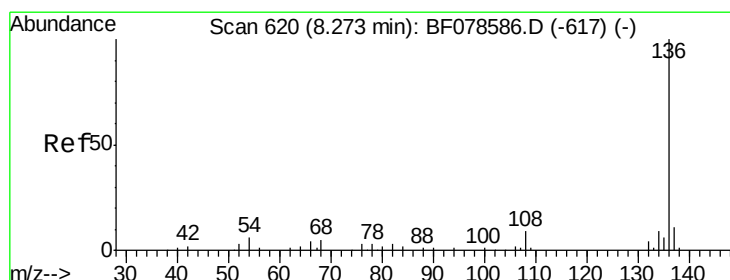
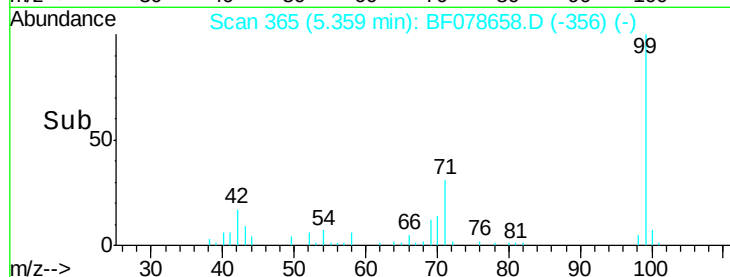
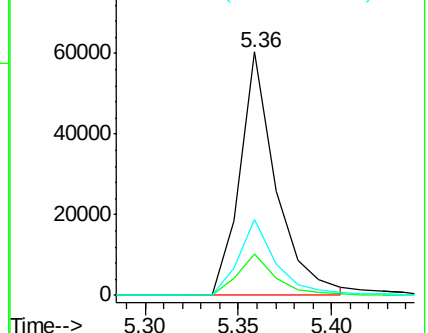
71 31.2 26.6 39.8



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: 8.02 min Scan# 598

Delta R.T. 0.00 min

Lab File: BF078658.D

Acq: 20 Apr 2015 22:17

Tgt Ion: 136 Resp: 140455

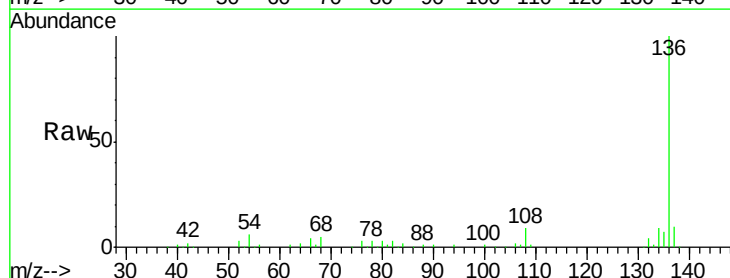
Ion Ratio Lower Upper

136 100

137 10.2 9.0 13.4

54 6.2 7.0 10.6#

68 4.6 5.4 8.2#

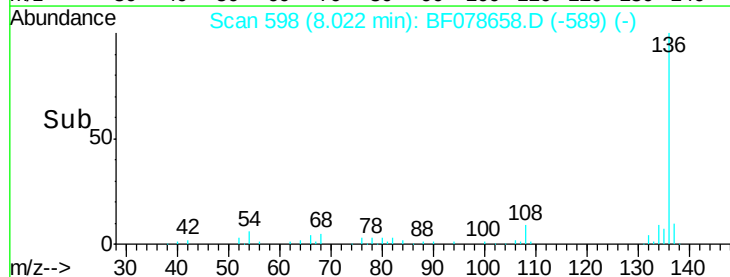
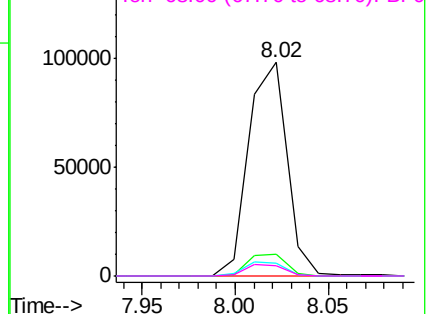


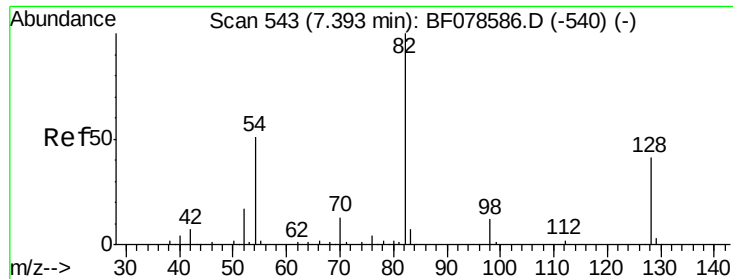
Abundance Ion 136.00 (135.70 to 136.70): E

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

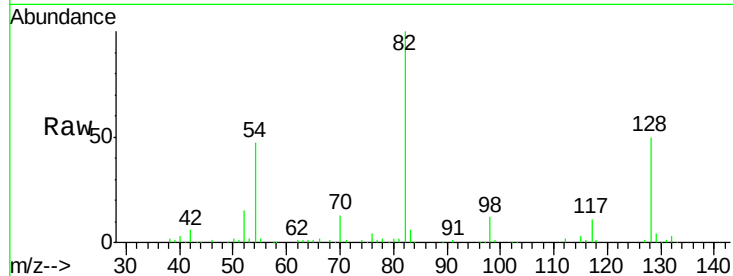




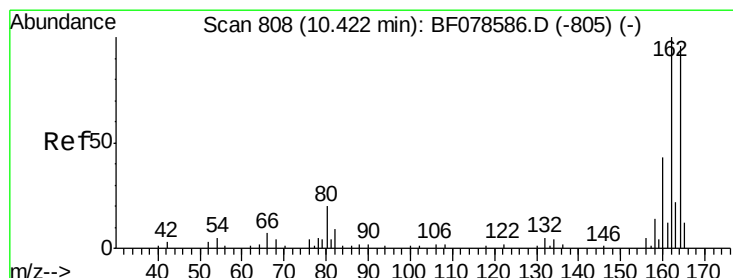
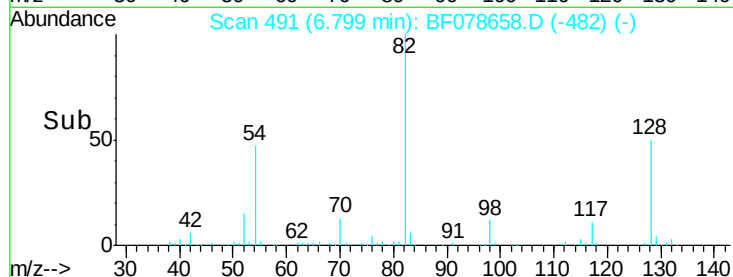
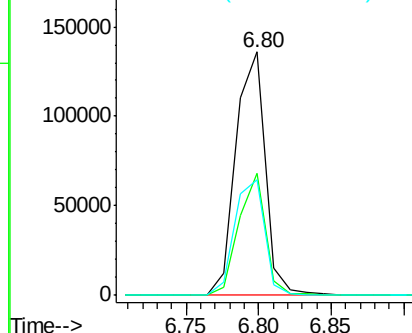
#23
 Nitrobenzene-d5
 Concen: 82.79 ng
 RT: 6.80 min Scan# 491
 Delta R.T. 0.00 min
 Lab File: BF078658.D
 Acq: 20 Apr 2015 22:17

Instrument :
 BNA_F
 ClientSampleId :
 MW-49

Tot Ion: 82 Resp: 191840
 Ion Ratio Lower Upper
 82 100
 128 49.9 31.8 47.8#
 54 47.3 41.5 62.3

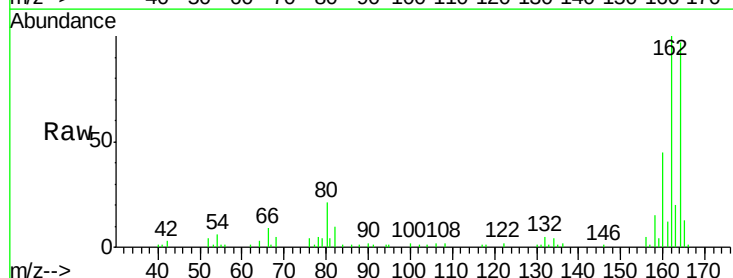


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

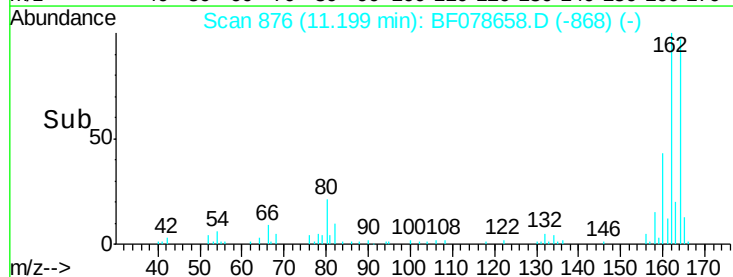
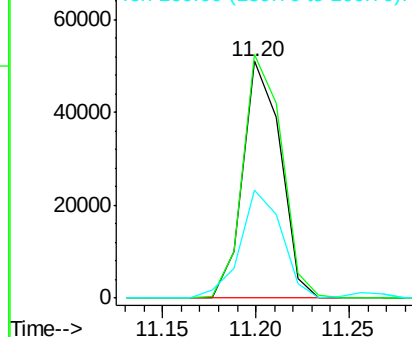


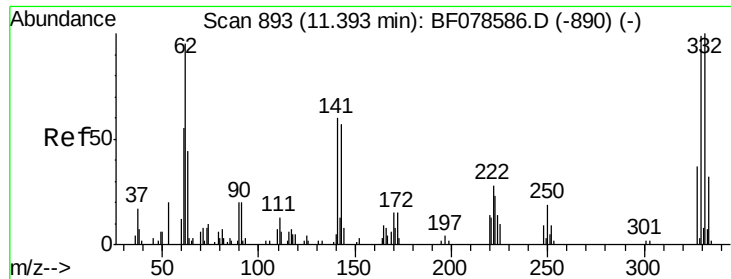
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.20 min Scan# 876
 Delta R.T. -0.01 min
 Lab File: BF078658.D
 Acq: 20 Apr 2015 22:17

Tgt Ion:164 Resp: 71386
 Ion Ratio Lower Upper
 164 100
 162 102.8 82.2 123.2
 160 45.8 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

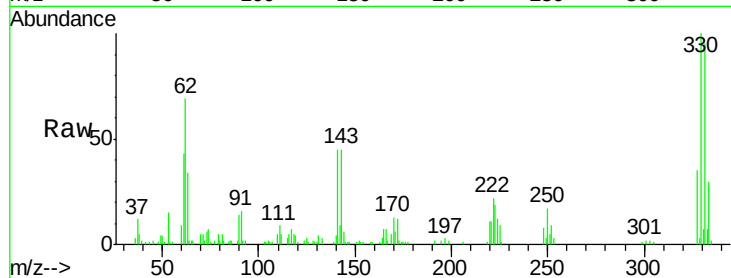




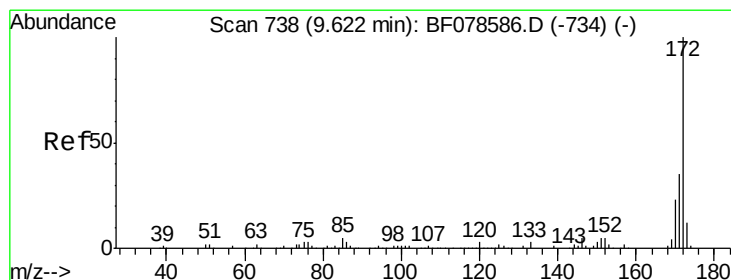
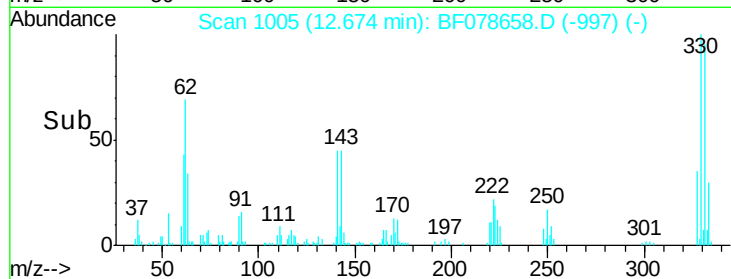
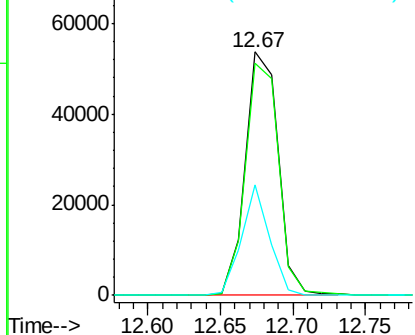
#41
 2,4,6-Tribromophenol
 Concen: 143.23 ng
 RT: 12.67 min Scan# 1005
 Delta R.T. -0.01 min
 Lab File: BF078658.D
 Acq: 20 Apr 2015 22:17

Instrument :
 BNA_F
 ClientSampleId :
 MW-49

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	78.6	117.8
141	38.2	31.2	46.8

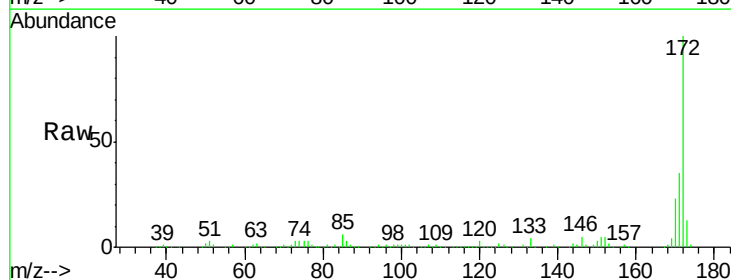


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

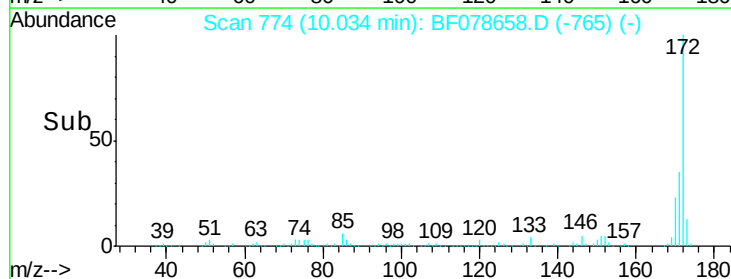
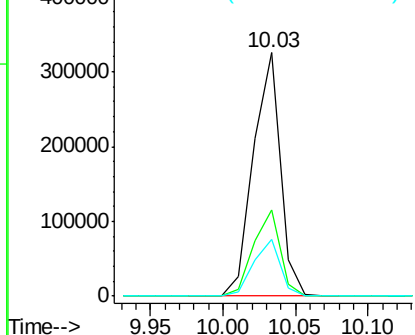


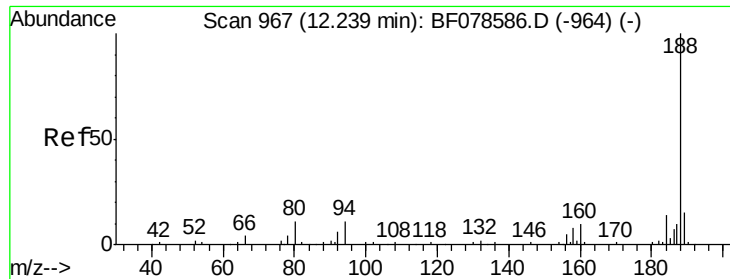
#44
 2-Fluorobiphenyl
 Concen: 84.31 ng
 RT: 10.03 min Scan# 774
 Delta R.T. 0.00 min
 Lab File: BF078658.D
 Acq: 20 Apr 2015 22:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	42.8
170	23.3	18.5	27.7



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

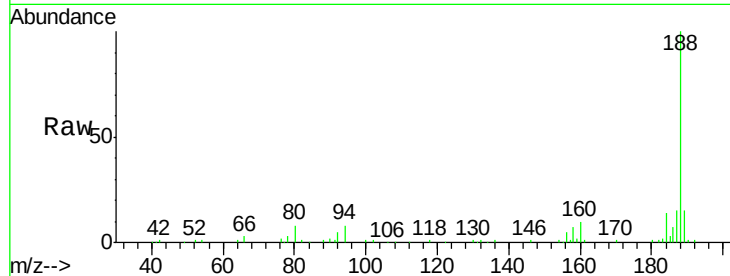




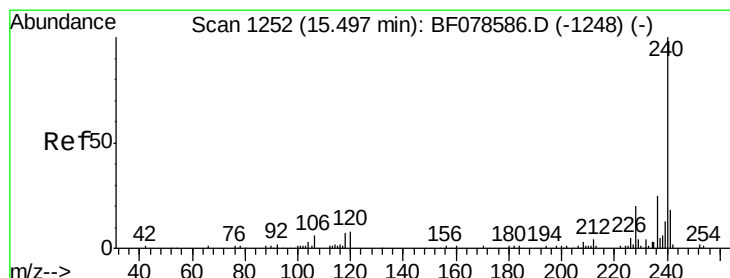
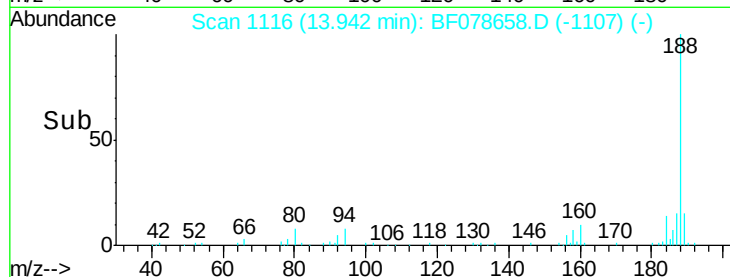
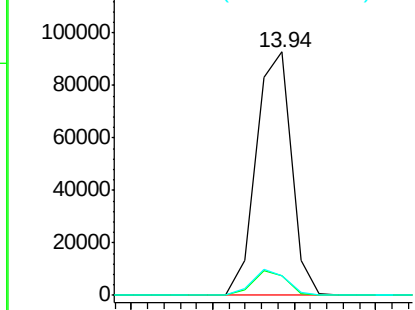
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.94 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BF078658.D
Acq: 20 Apr 2015 22:17

Instrument :
BNA_F
ClientSampleId :
MW-49

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.3	9.0	13.4#
80	8.3	9.5	14.3#

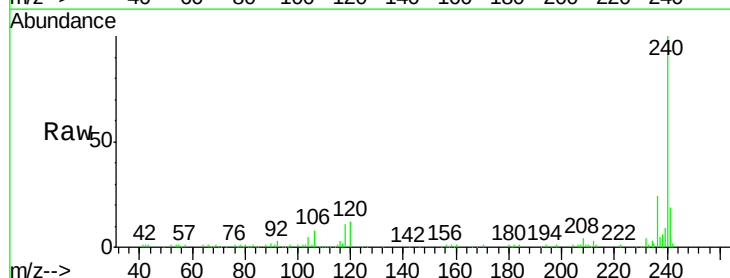


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

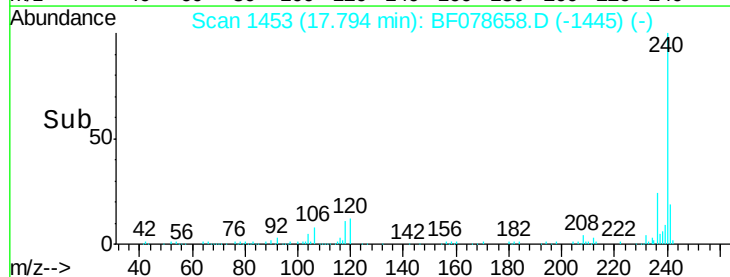
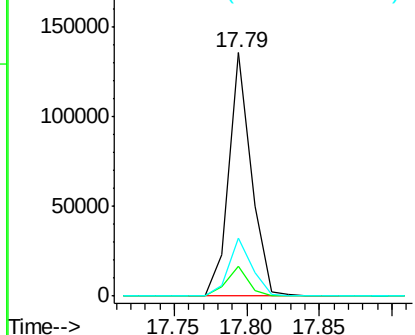


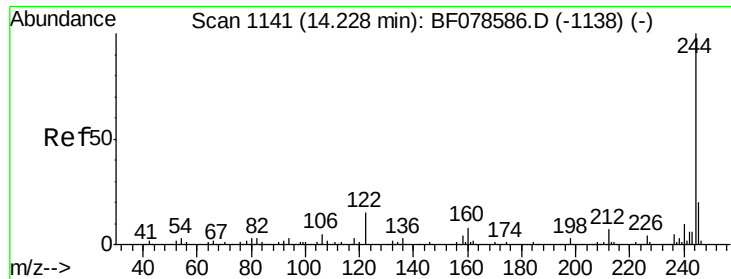
#75
Chrysene-d12
Concen: 20.00 ng
RT: 17.79 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF078658.D
Acq: 20 Apr 2015 22:17

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.5	7.1	10.7#
236	24.1	21.4	32.2



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: 73.93 ng

RT: 16.47 min Scan# 1337

Delta R.T. 0.00 min

Lab File: BF078658.D

Acq: 20 Apr 2015 22:17

Instrument :

BNA_F

ClientSampleId :

MW-49

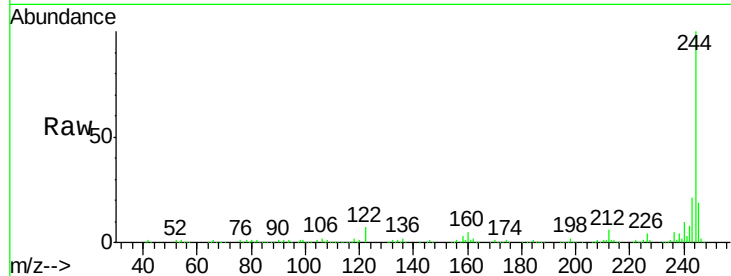
Tot Ion:244 Resp: 478224

Ion Ratio Lower Upper

244 100

212 6.3 5.0 7.4

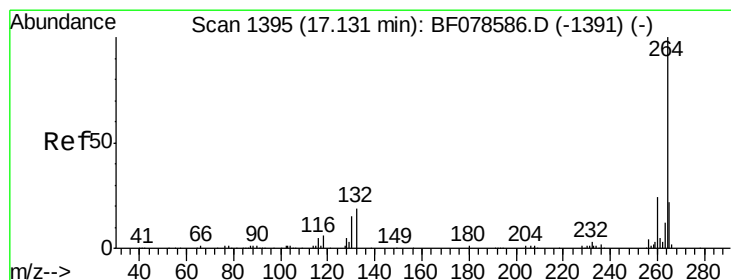
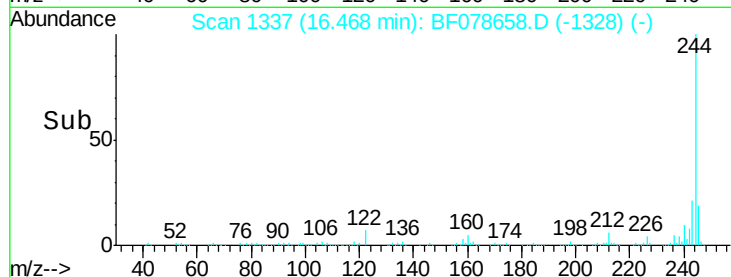
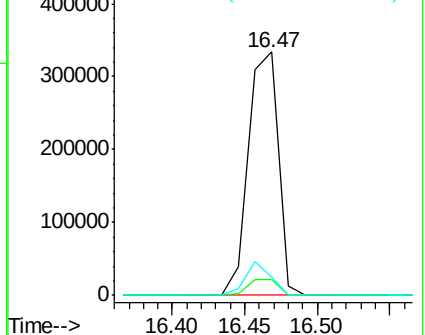
122 7.4 7.1 10.7



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: 19.50 min Scan# 1602

Delta R.T. -0.03 min

Lab File: BF078658.D

Acq: 20 Apr 2015 22:17

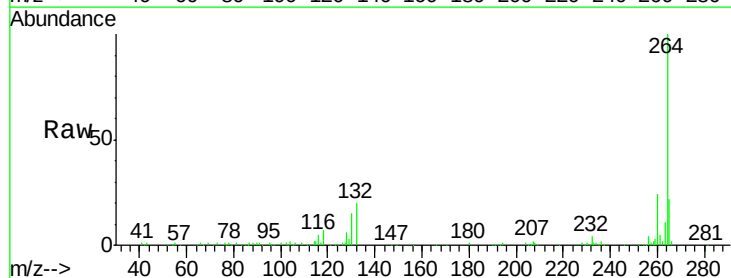
Tgt Ion:264 Resp: 135367

Ion Ratio Lower Upper

264 100

260 23.8 18.6 27.8

265 21.6 17.0 25.6



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

