

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041715\
 Data File : BF078624.D
 Acq On : 18 Apr 2015 5:13
 Operator : TP/IZ
 Sample : G1872-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-21

Quant Time: Apr 18 05:53:36 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 18 05:24:48 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	35108	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	152468	20.00	ng	0.00
38) Acenaphthene-d10	10.40	164	79644	20.00	ng	0.00
63) Phenanthrene-d10	12.22	188	167483	20.00	ng	0.00
75) Chrysene-d12	15.46	240	205850	20.00	ng	0.00
86) Perylene-d12	17.12	264	200250	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.89	112	123873	58.17	ng	0.00
7) Phenol-d6	6.27	99	107309	40.21	ng	-0.01
23) Nitrobenzene-d5	7.38	82	201184	79.98	ng	0.00
41) 2,4,6-Tribromophenol	11.38	330	98855	149.66	ng	0.00
44) 2-Fluorobiphenyl	9.60	172	410370	73.65	ng	0.00
78) Terphenyl-d14	14.21	244	559942	61.47	ng	0.00

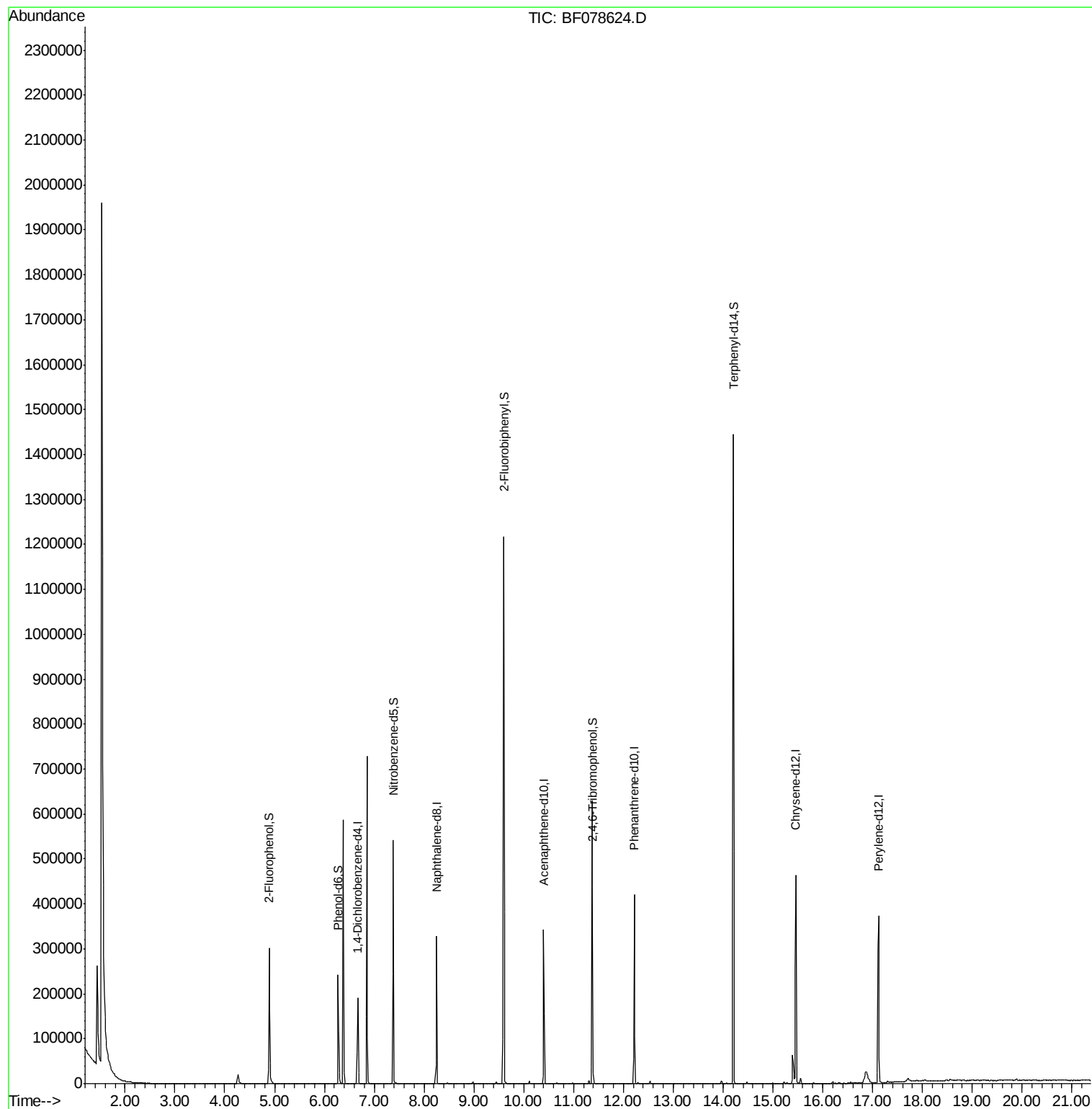
Target Compounds Qvalue

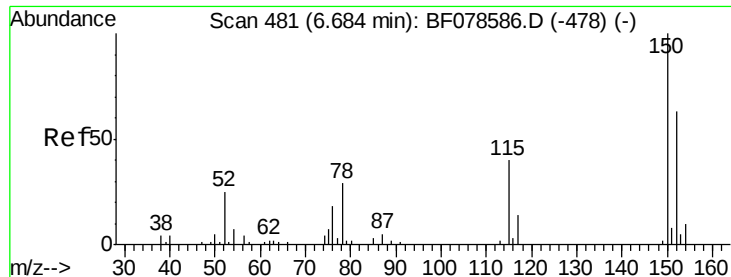
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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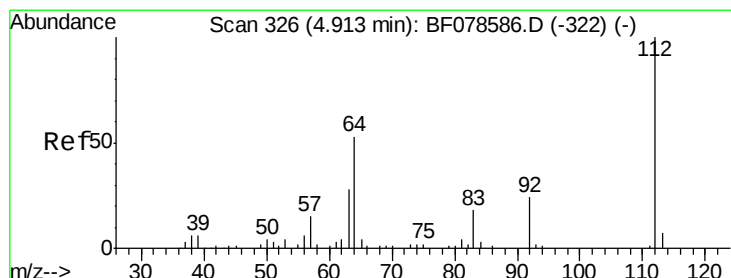
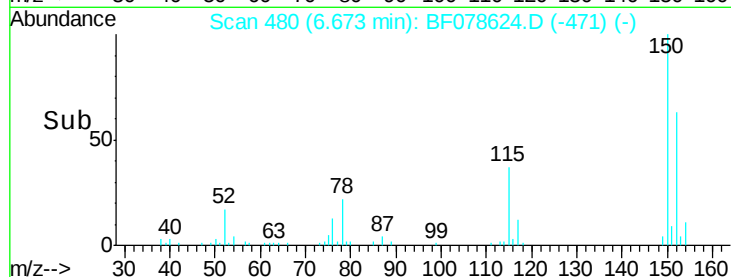
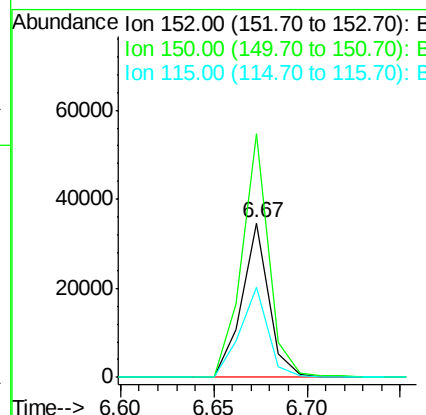
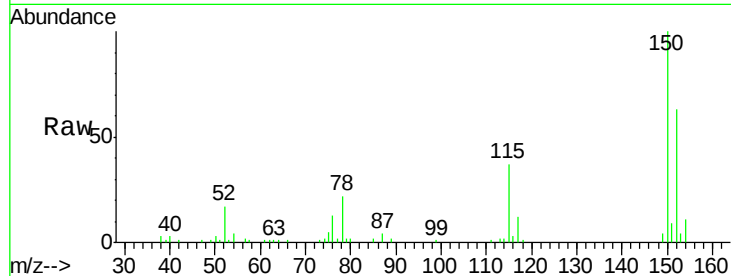




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.67 min Scan# 480
 Delta R.T. -0.00 min
 Lab File: BF078624.D
 Acq: 18 Apr 2015 5:13

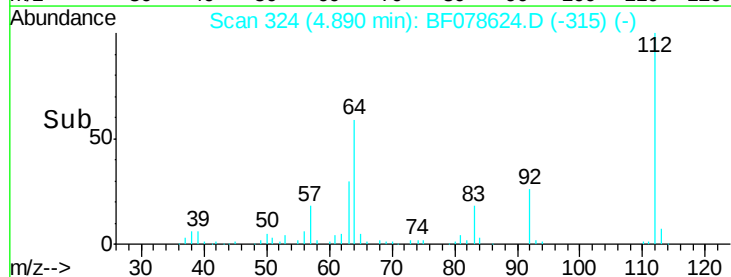
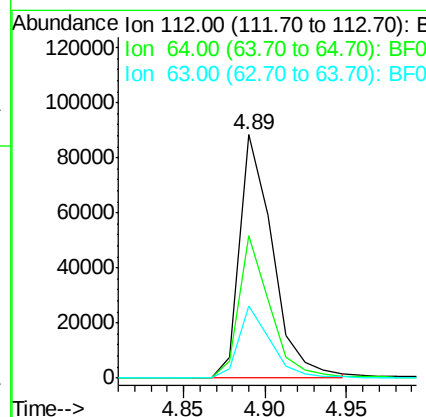
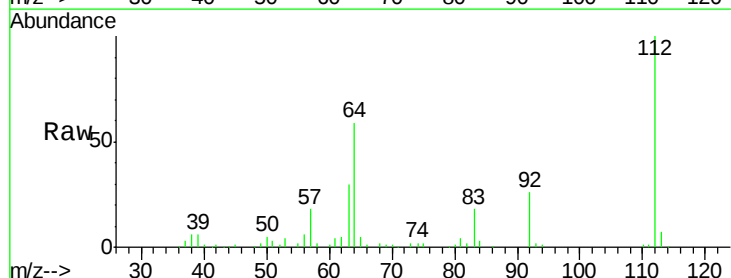
Instrument :
 BNA_F
 ClientSampleId :
 MW-21

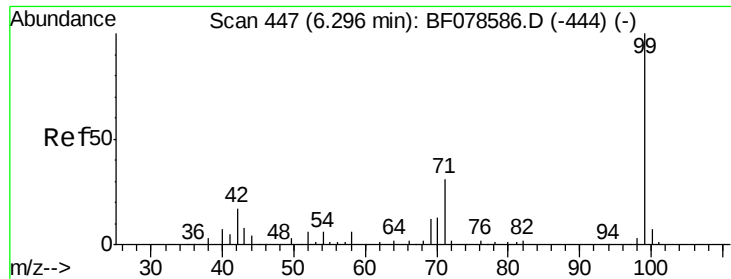
Tot Ion:152 Resp: 35108
 Ion Ratio Lower Upper
 152 100
 150 157.5 125.9 188.9
 115 58.6 52.7 79.1



#5
 2-Fluorophenol
 Concen: 58.17 ng
 RT: 4.89 min Scan# 324
 Delta R.T. -0.00 min
 Lab File: BF078624.D
 Acq: 18 Apr 2015 5:13

Tgt Ion:112 Resp: 123873
 Ion Ratio Lower Upper
 112 100
 64 58.6 39.9 59.9
 63 29.9 20.2 30.4





#7

Phenol-d6

Concen: 40.21 ng

RT: 6.27 min Scan# 445

Delta R.T. -0.01 min

Lab File: BF078624.D

Acq: 18 Apr 2015 5:13

Instrument :

BNA_F

ClientSampleId :

MW-21

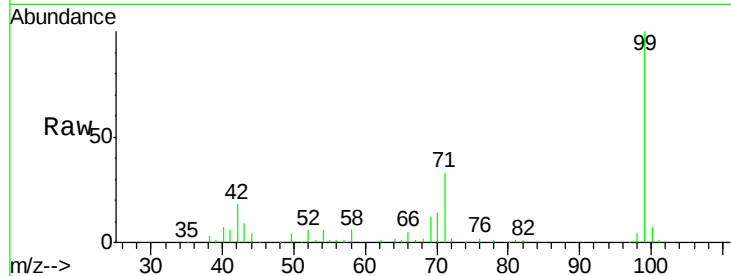
Tot Ion: 99 Resp: 107309

Ion Ratio Lower Upper

99 100

42 18.2 14.8 22.2

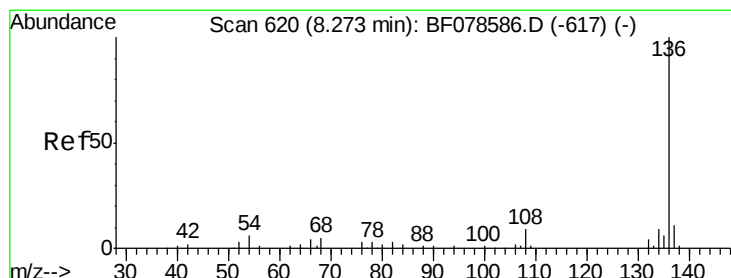
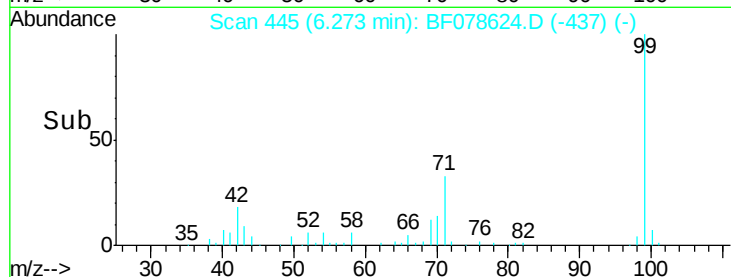
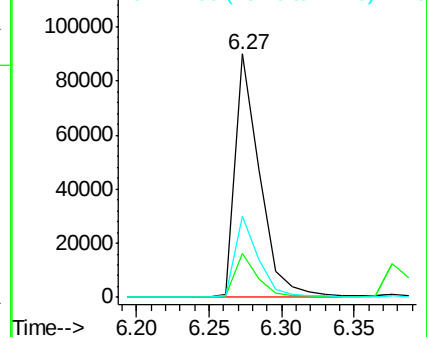
71 33.0 26.6 39.8



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: 8.25 min Scan# 618

Delta R.T. -0.00 min

Lab File: BF078624.D

Acq: 18 Apr 2015 5:13

Tgt Ion: 136 Resp: 152468

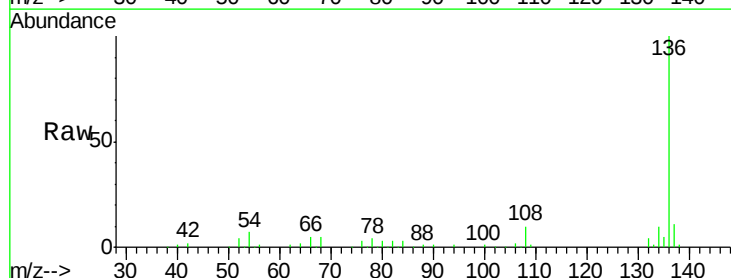
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.4

54 7.0 7.0 10.6#

68 5.1 5.4 8.2#

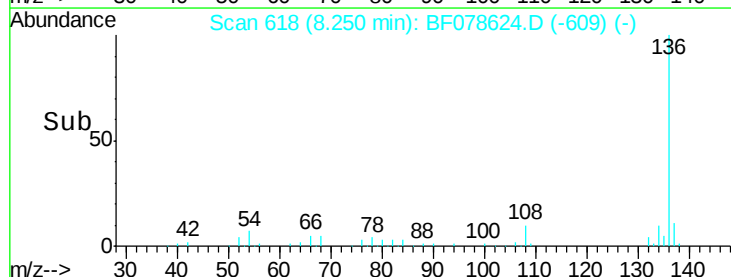
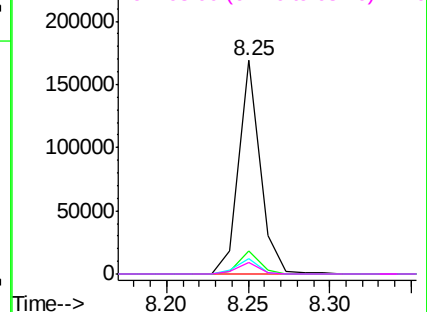


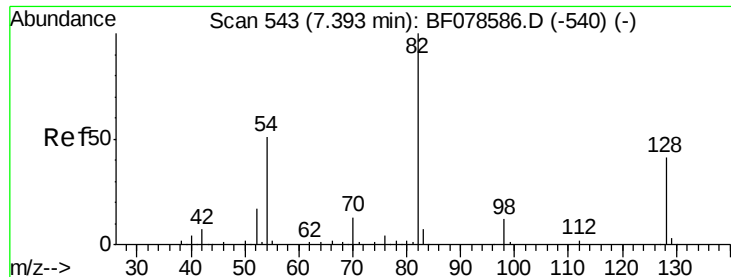
Abundance Ion 136.00 (135.70 to 136.70): E

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

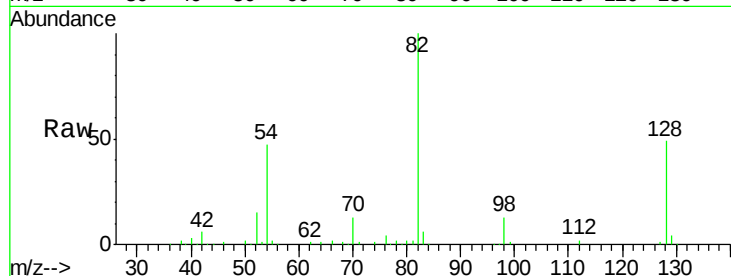




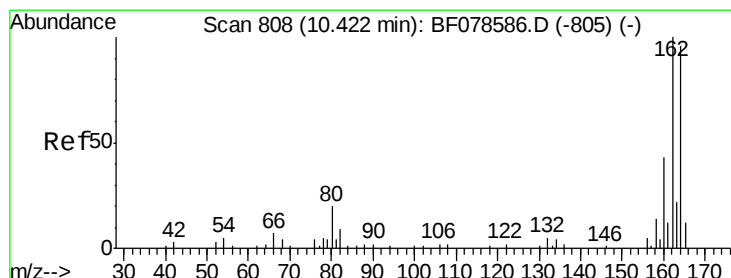
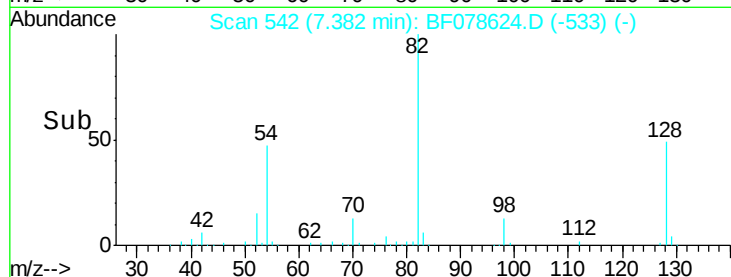
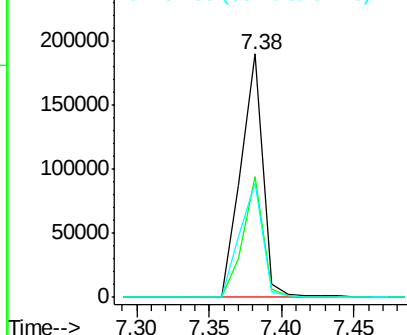
#23
 Nitrobenzene-d5
 Concen: 79.98 ng
 RT: 7.38 min Scan# 542
 Delta R.T. -0.00 min
 Lab File: BF078624.D
 Acq: 18 Apr 2015 5:13

Instrument :
 BNA_F
 ClientSampleId :
 MW-21

Tot Ion	82	Resp	201184
Ion Ratio	Lower	Upper	
82	100		
128	49.4	31.8	47.8#
54	47.1	41.5	62.3

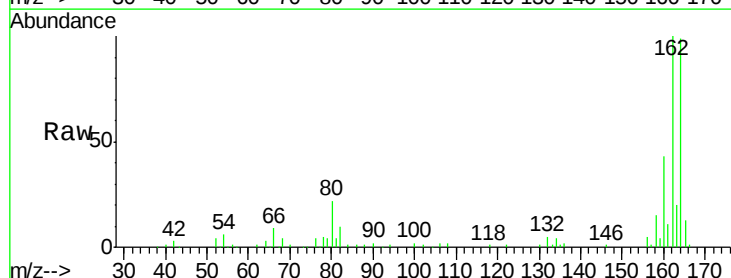


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

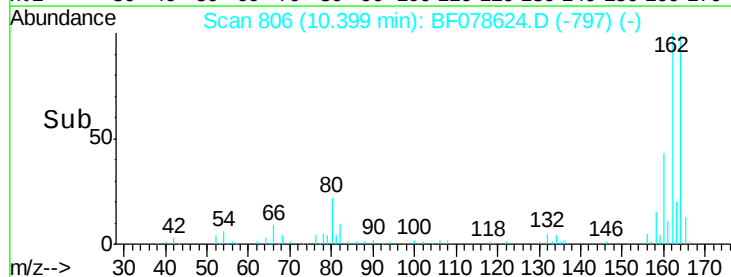
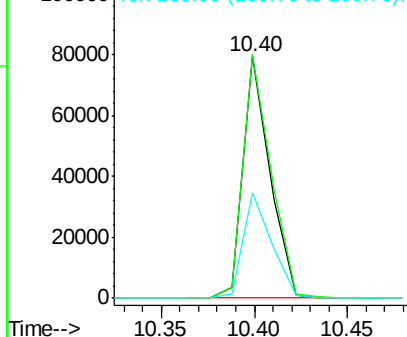


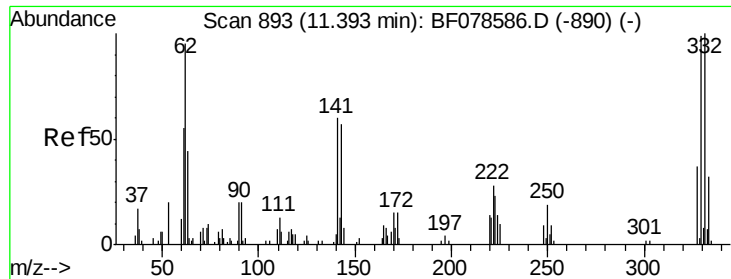
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.40 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BF078624.D
 Acq: 18 Apr 2015 5:13

Tgt Ion	164	Resp	79644
Ion Ratio	Lower	Upper	
164	100		
162	100.7	82.2	123.2
160	43.8	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

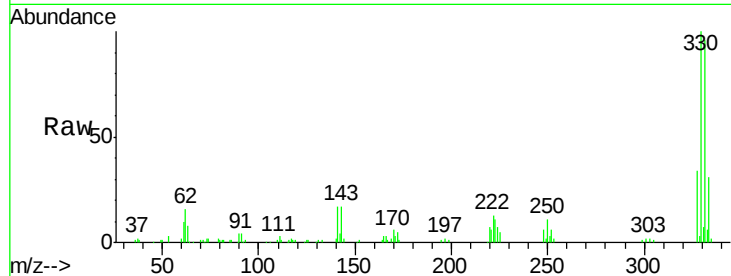




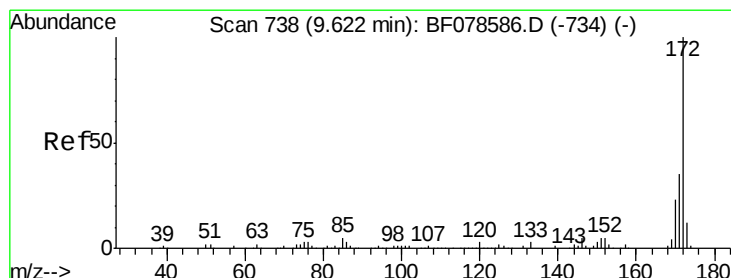
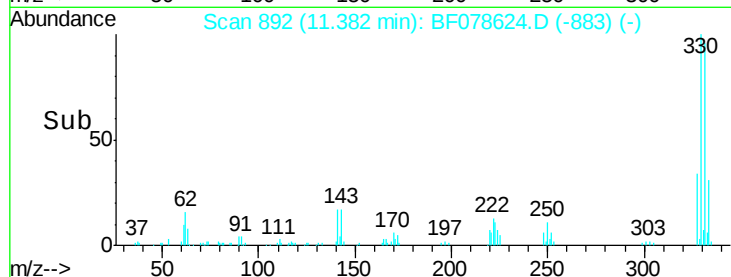
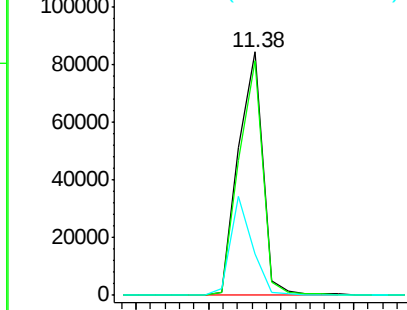
#41
 2,4,6-Tribromophenol
 Concen: 149.66 ng
 RT: 11.38 min Scan# 892
 Delta R.T. -0.00 min
 Lab File: BF078624.D
 Acq: 18 Apr 2015 5:13

Instrument :
 BNA_F
 ClientSampled :
 MW-21

Tot Ion:330 Resp: 98855
 Ion Ratio Lower Upper
 330 100
 332 94.5 78.6 117.8
 141 36.4 31.2 46.8

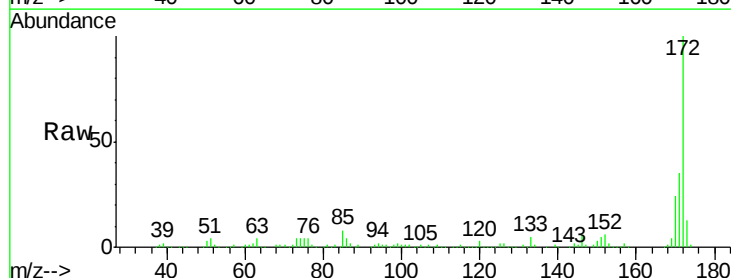


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

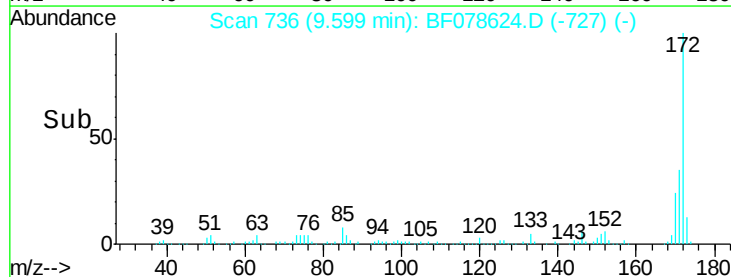
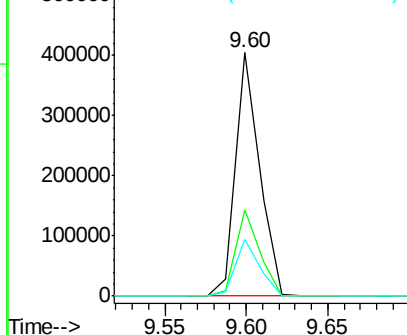


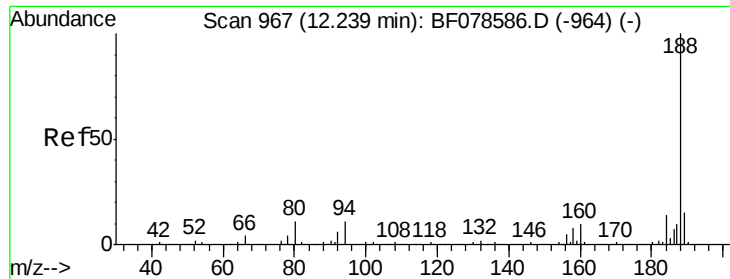
#44
 2-Fluorobiphenyl
 Concen: 73.65 ng
 RT: 9.60 min Scan# 736
 Delta R.T. -0.00 min
 Lab File: BF078624.D
 Acq: 18 Apr 2015 5:13

Tgt Ion:172 Resp: 410370
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.6 42.8
 170 23.6 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

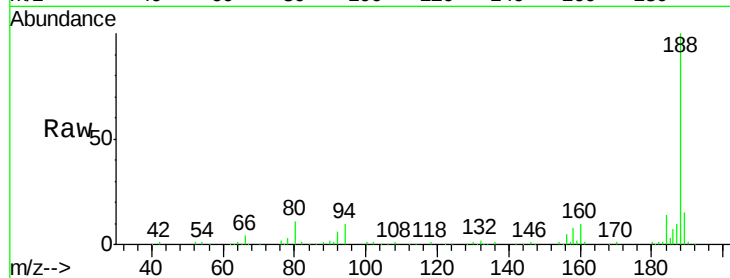




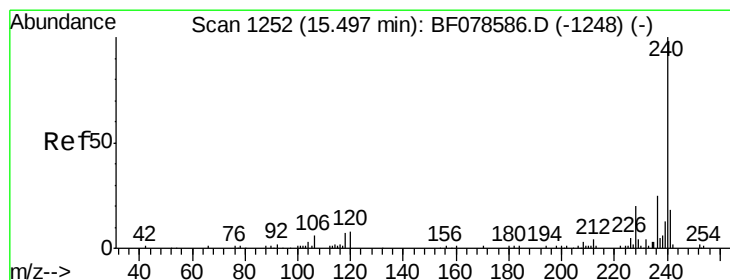
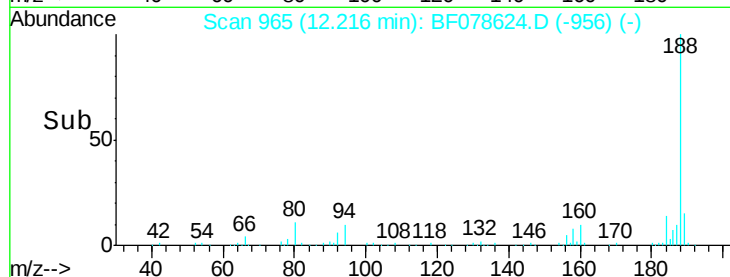
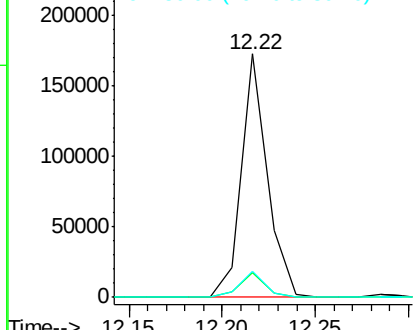
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.22 min Scan# 965
Delta R.T. -0.00 min
Lab File: BF078624.D
Acq: 18 Apr 2015 5:13

Instrument :
BNA_F
ClientSampleId :
MW-21

Tot Ion:188 Resp: 167483
Ion Ratio Lower Upper
188 100
94 10.1 9.0 13.4
80 10.6 9.5 14.3

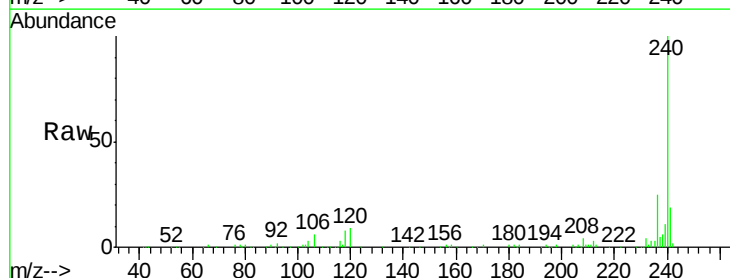


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

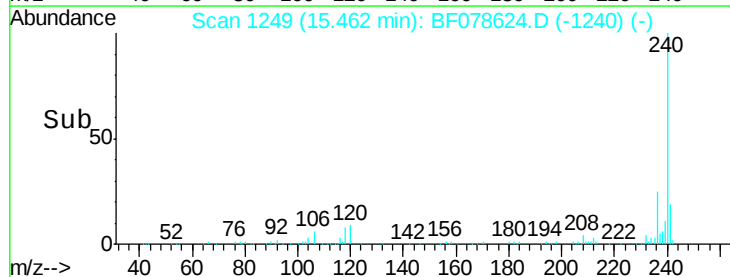
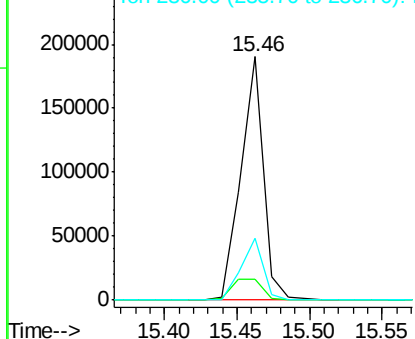


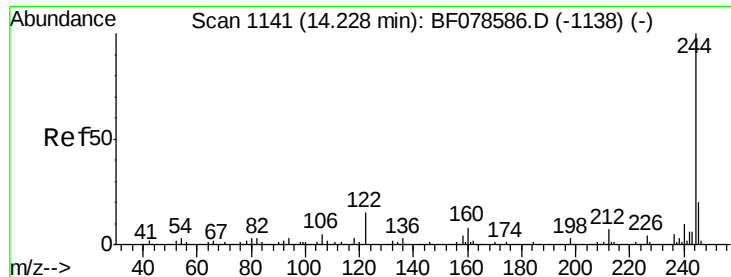
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1249
Delta R.T. -0.00 min
Lab File: BF078624.D
Acq: 18 Apr 2015 5:13

Tgt Ion:240 Resp: 205850
Ion Ratio Lower Upper
240 100
120 8.8 7.1 10.7
236 25.4 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: 61.47 ng

RT: 14.21 min Scan# 1139

Delta R.T. -0.00 min

Lab File: BF078624.D

Acq: 18 Apr 2015 5:13

Instrument :

BNA_F

ClientSampleId :

MW-21

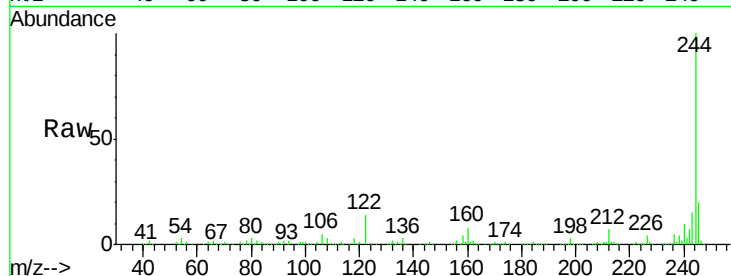
Tot Ion:244 Resp: 559942

Ion Ratio Lower Upper

244 100

212 7.2 5.0 7.4

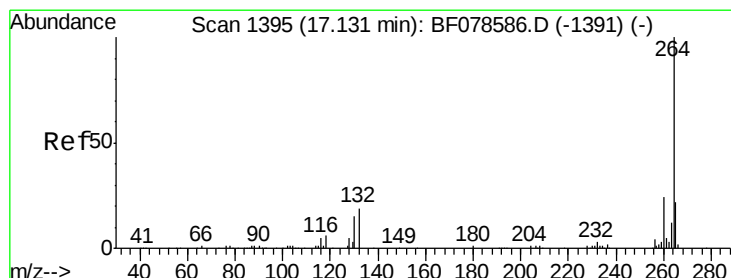
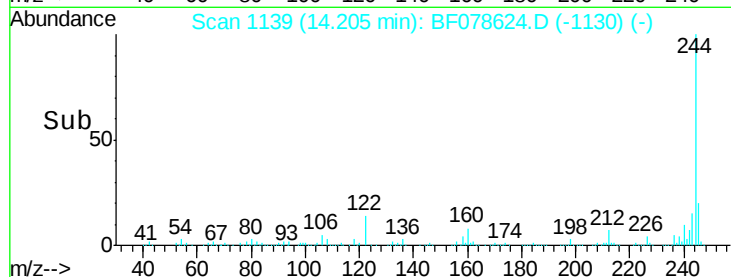
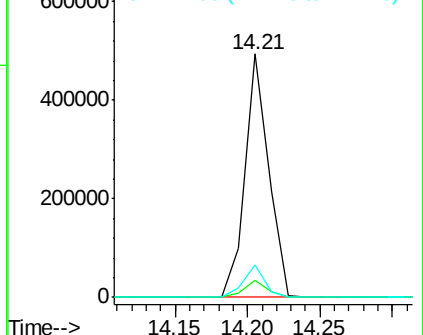
122 13.5 7.1 10.7#



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: 17.12 min Scan# 1394

Delta R.T. 0.02 min

Lab File: BF078624.D

Acq: 18 Apr 2015 5:13

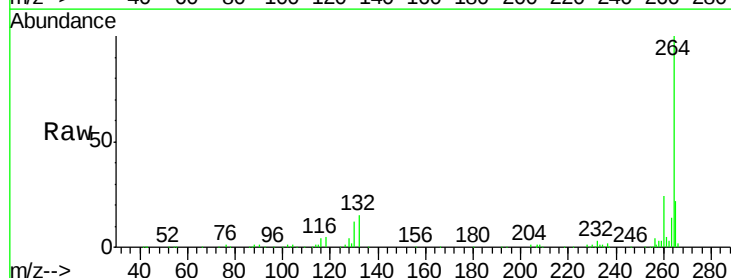
Tgt Ion:264 Resp: 200250

Ion Ratio Lower Upper

264 100

260 24.0 18.6 27.8

265 21.8 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

