

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052915\
 Data File : BF079568.D
 Acq On : 29 May 2015 19:09
 Operator : TP/IZ
 Sample : G2419-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-02

Quant Time: May 30 00:10:16 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 23:13:06 2015
 Response via : Initial Calibration

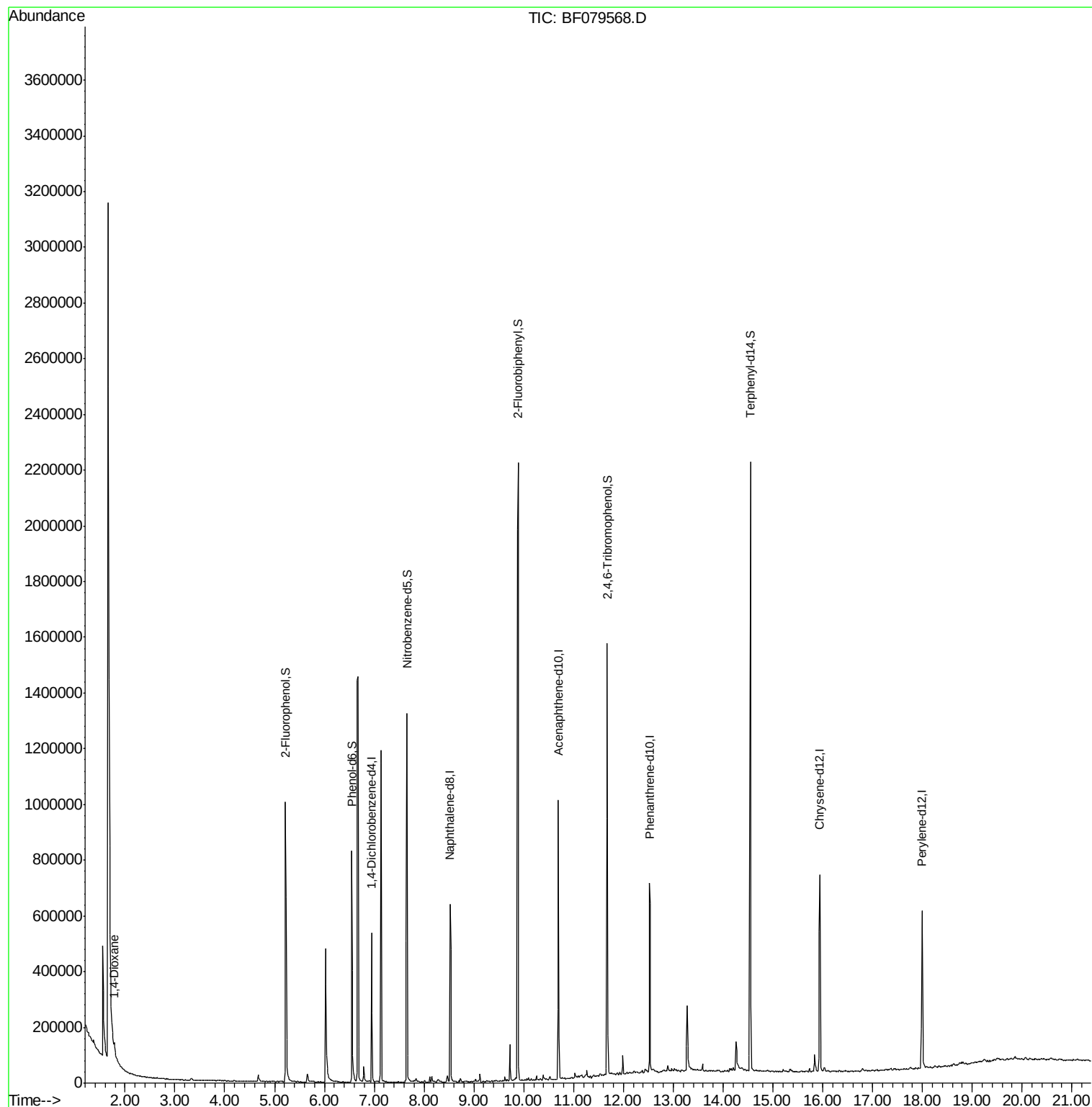
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	95987	20.00	ng	0.00
21) Naphthalene-d8	8.52	136	404044	20.00	ng	-0.01
38) Acenaphthene-d10	10.70	164	206418	20.00	ng	0.00
63) Phenanthrene-d10	12.52	188	371336	20.00	ng	0.00
75) Chrysene-d12	15.94	240	348483	20.00	ng	0.07
86) Perylene-d12	17.99	264	337968	20.00	ng	0.18
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	416613	75.28	ng	-0.01
7) Phenol-d6	6.55	99	370947	52.59	ng	0.00
23) Nitrobenzene-d5	7.66	82	473602	67.76	ng	0.00
41) 2,4,6-Tribromophenol	11.68	330	256283	113.04	ng	0.00
44) 2-Fluorobiphenyl	9.88	172	977022	67.53	ng	0.00
78) Terphenyl-d14	14.55	244	883620	59.51	ng	0.02
Target Compounds						
2) 1,4-Dioxane	1.78	88	17976	6.83	ng	Qvalue # 100

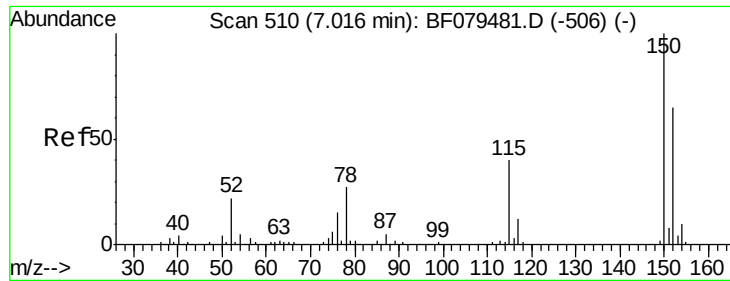
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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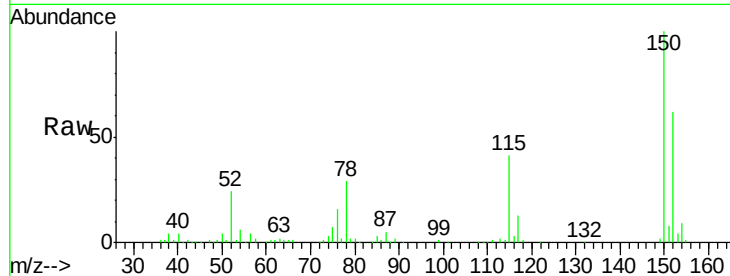


#1

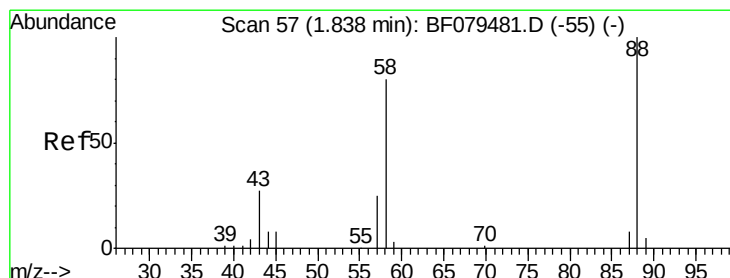
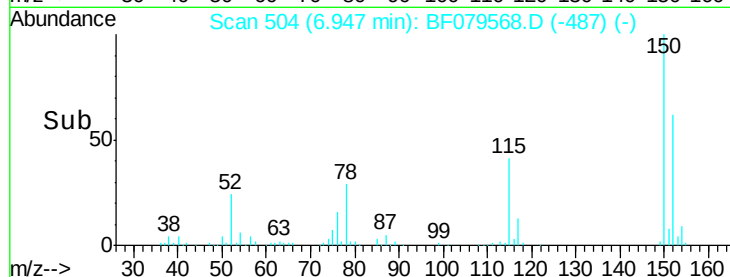
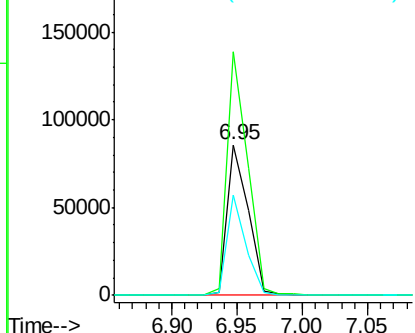
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 504
Delta R.T. -0.00 min
Lab File: BF079568.D
Acq: 29 May 2015 19:09

Instrument :
BNA_F
ClientSampleId :
MW-02

Tot Ion:152 Resp: 95987
Ion Ratio Lower Upper
152 100
150 161.8 124.0 186.0
115 66.4 49.6 74.4



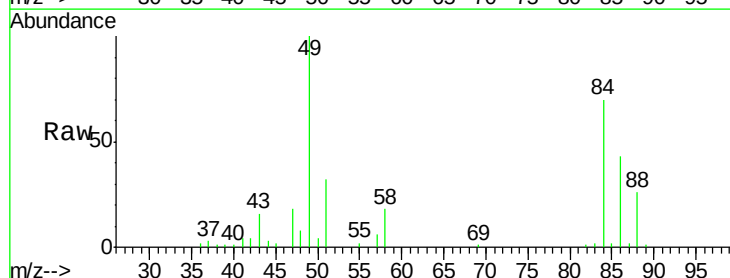
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



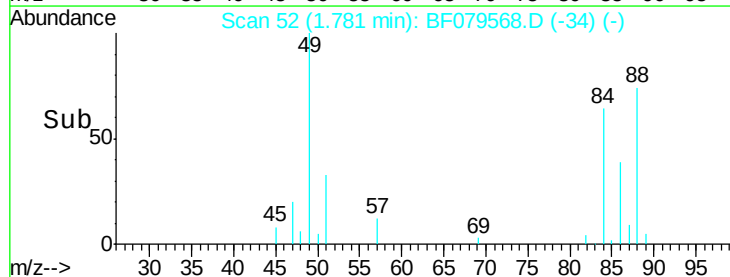
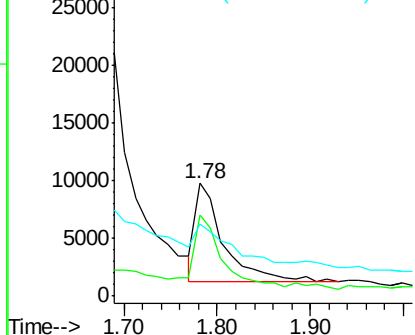
#2

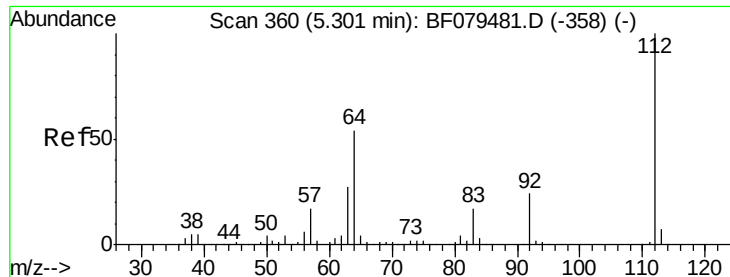
1,4-Dioxane
Concen: 6.83 ng
RT: 1.78 min Scan# 52
Delta R.T. 0.01 min
Lab File: BF079568.D
Acq: 29 May 2015 19:09

Tgt Ion: 88 Resp: 17976
Ion Ratio Lower Upper
88 100
58 69.1 0.0 0.0#
43 43.3 0.0 0.0#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 75.28 ng

RT: 5.22 min Scan# 353

Delta R.T. -0.01 min

Lab File: BF079568.D

Acq: 29 May 2015 19:09

Instrument :

BNA_F

ClientSampleId :

MW-02

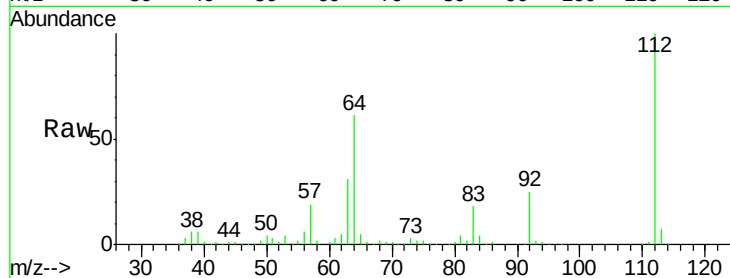
Tot Ion:112 Resp: 416613

Ion Ratio Lower Upper

112 100

64 61.2 43.5 65.3

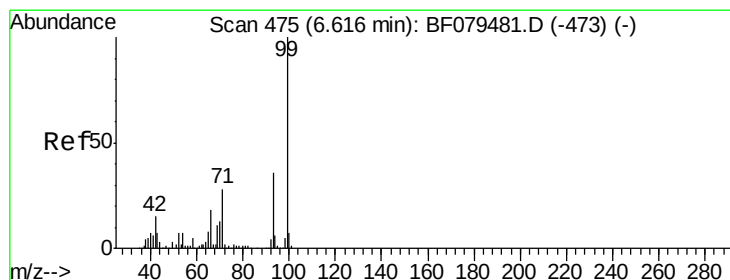
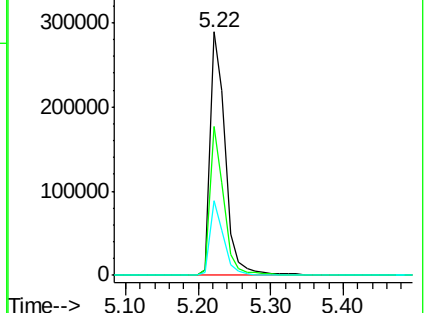
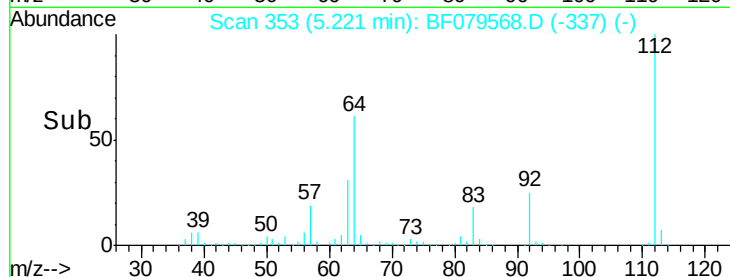
63 30.8 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 52.59 ng

RT: 6.55 min Scan# 469

Delta R.T. -0.00 min

Lab File: BF079568.D

Acq: 29 May 2015 19:09

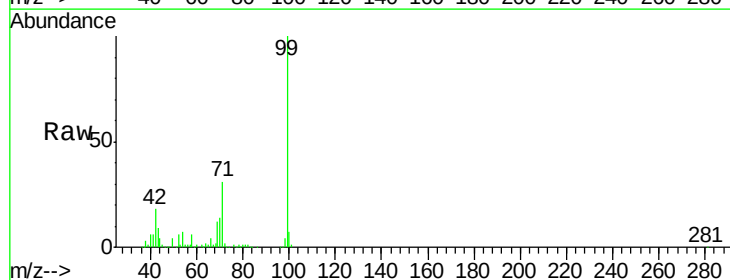
Tgt Ion: 99 Resp: 370947

Ion Ratio Lower Upper

99 100

42 17.8 11.9 17.9

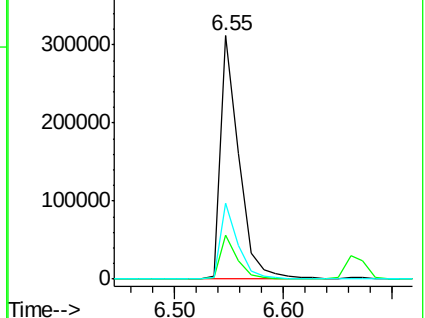
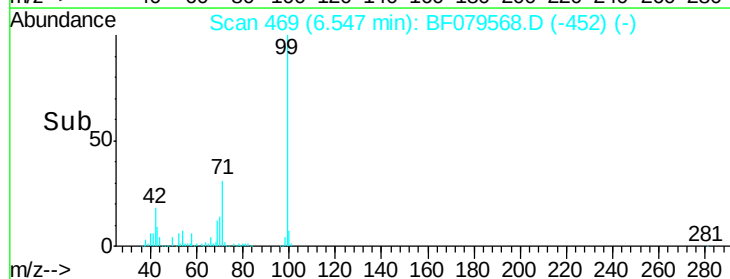
71 31.3 22.1 33.1

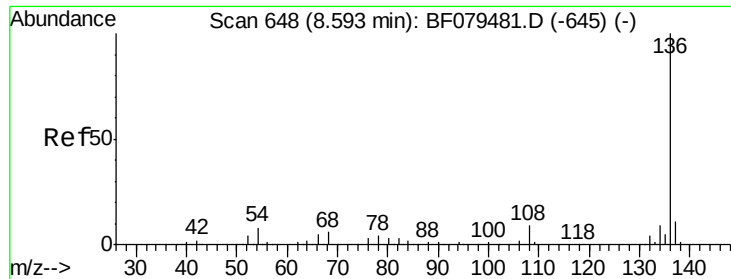


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

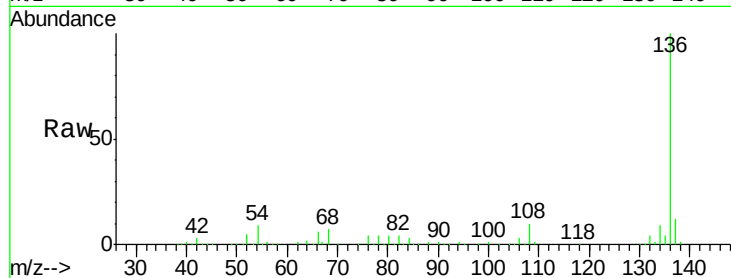




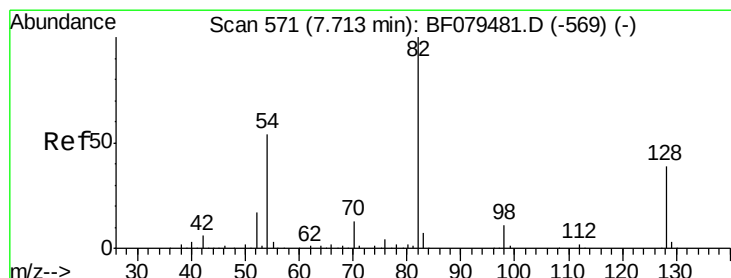
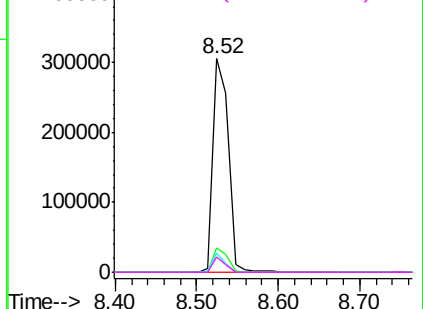
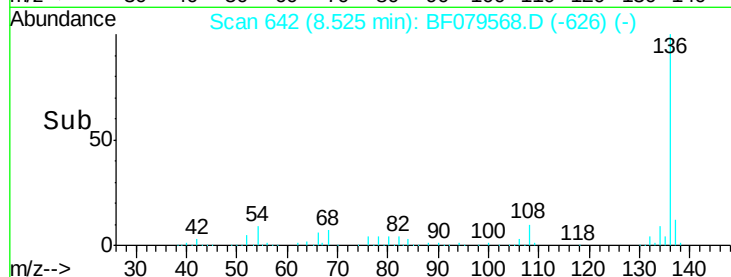
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.52 min Scan# 642
Delta R.T. -0.01 min
Lab File: BF079568.D
Acq: 29 May 2015 19:09

Instrument :
BNA_F
ClientSampleId :
MW-02

Tot Ion:136 Resp: 404044
Ion Ratio Lower Upper
136 100
137 11.5 8.5 12.7
54 9.1 6.6 9.8
68 7.2 4.7 7.1#

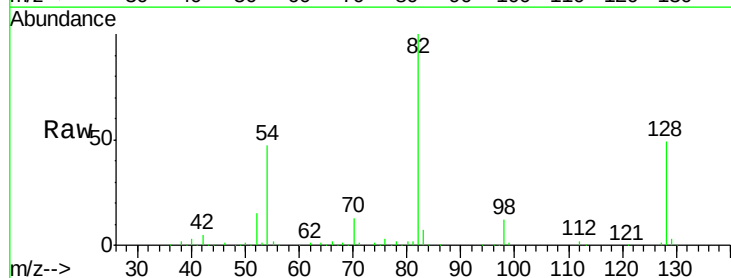


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

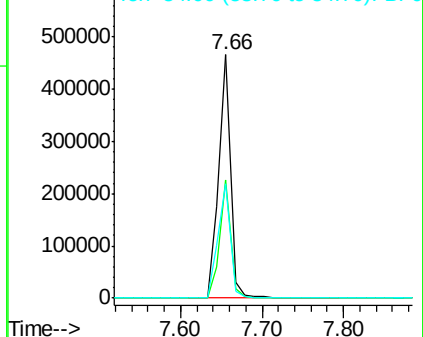
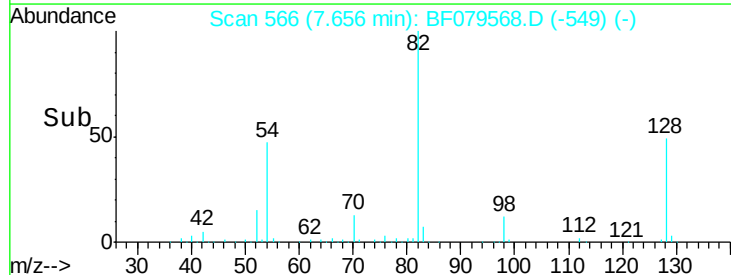


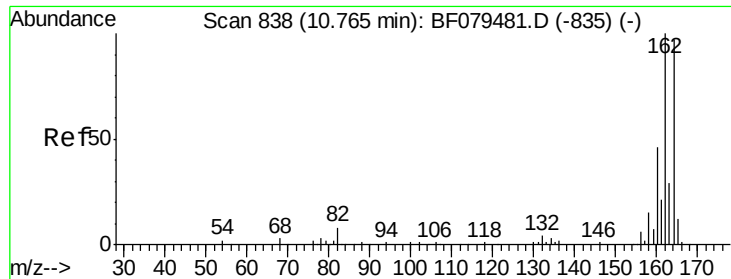
#23
Nitrobenzene-d5
Concen: 67.76 ng
RT: 7.66 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF079568.D
Acq: 29 May 2015 19:09

Tgt Ion: 82 Resp: 473602
Ion Ratio Lower Upper
82 100
128 48.7 30.8 46.2#
54 47.2 42.8 64.2



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

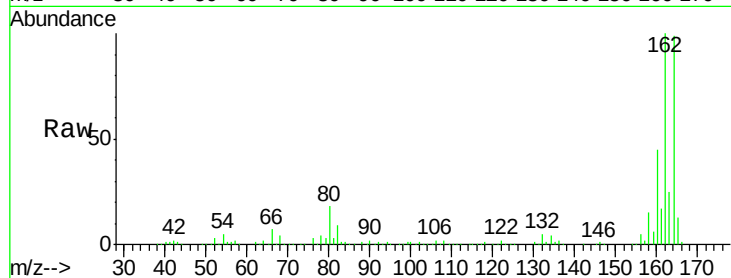




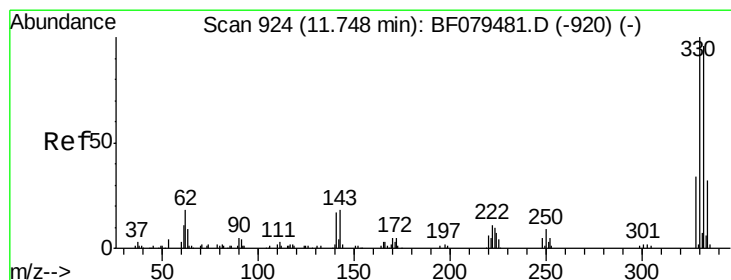
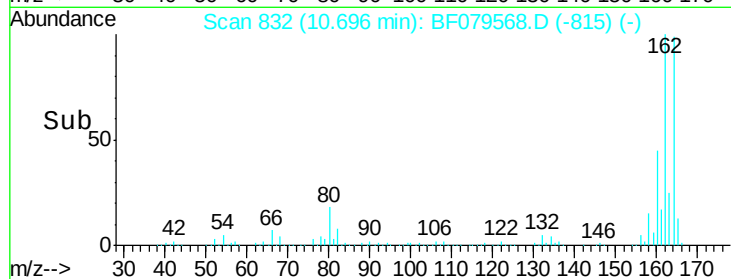
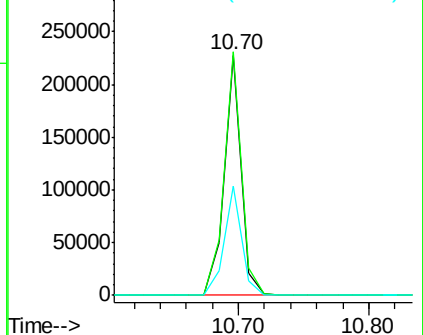
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.70 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF079568.D
Acq: 29 May 2015 19:09

Instrument :
BNA_F
ClientSampleId :
MW-02

Tot Ion:164 Resp: 206418
Ion Ratio Lower Upper
164 100
162 101.4 82.6 124.0
160 45.5 37.7 56.5

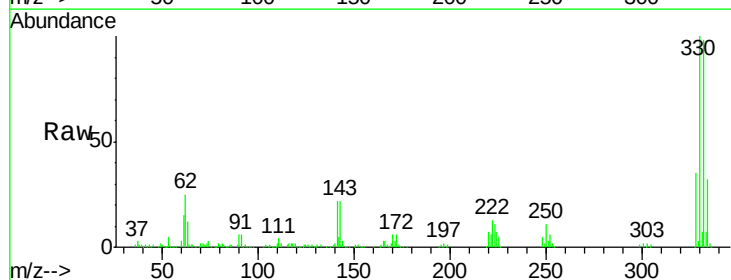


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

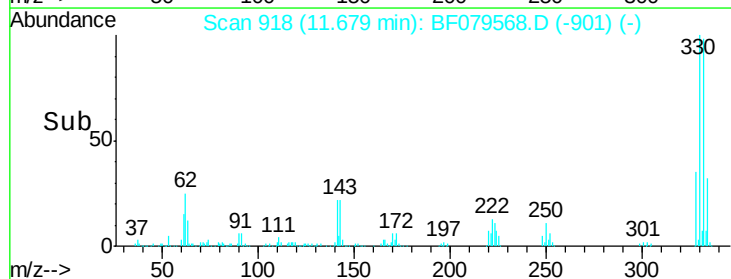
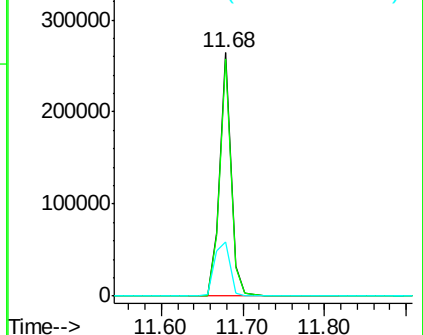


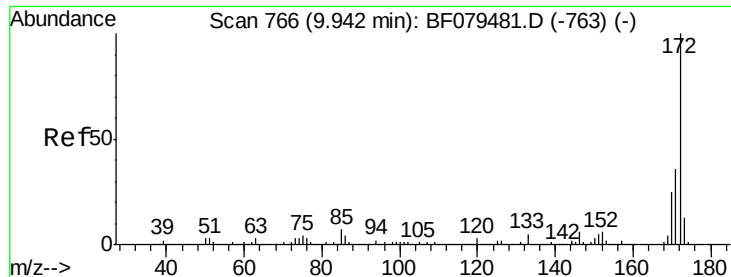
#41
2,4,6-Tribromophenol
Concen: 113.04 ng
RT: 11.68 min Scan# 918
Delta R.T. -0.00 min
Lab File: BF079568.D
Acq: 29 May 2015 19:09

Tgt Ion:330 Resp: 256283
Ion Ratio Lower Upper
330 100
332 97.0 0.0 0.0#
141 31.2 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

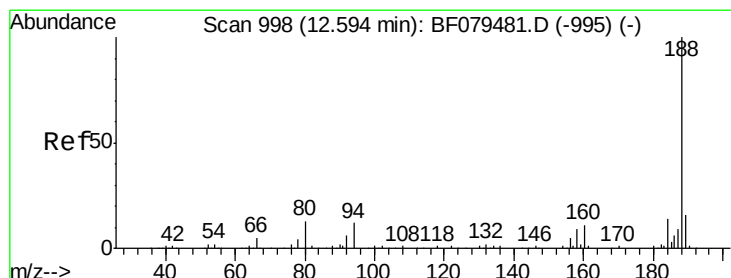
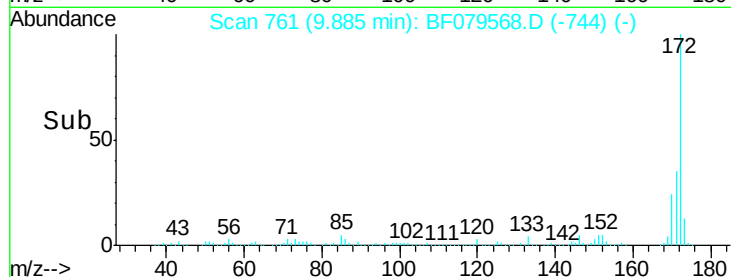
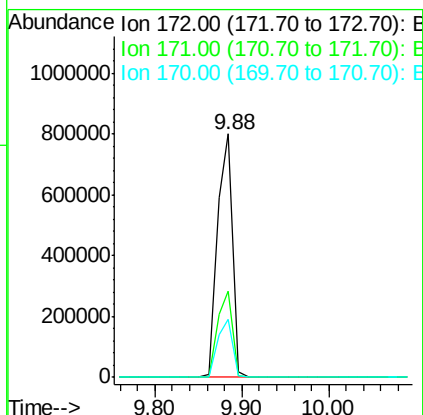
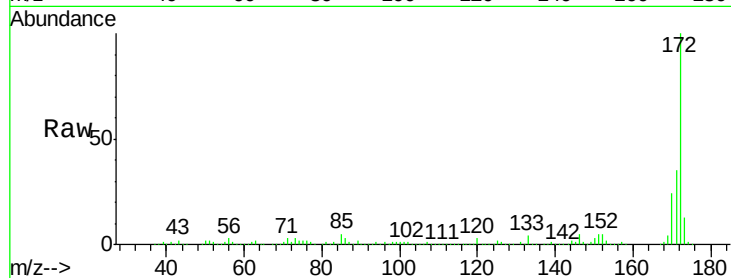




#44
 2-Fluorobiphenyl
 Concen: 67.53 ng
 RT: 9.88 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: BF079568.D
 Acq: 29 May 2015 19:09

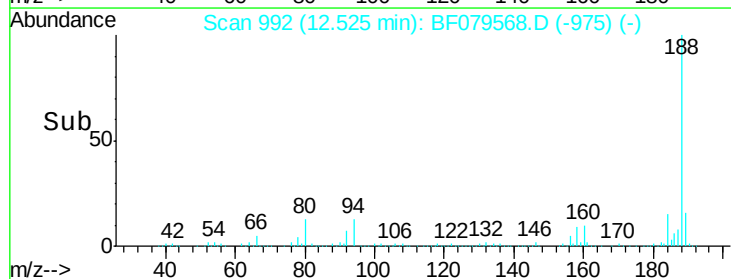
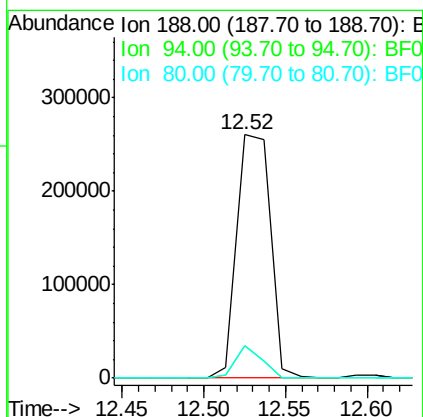
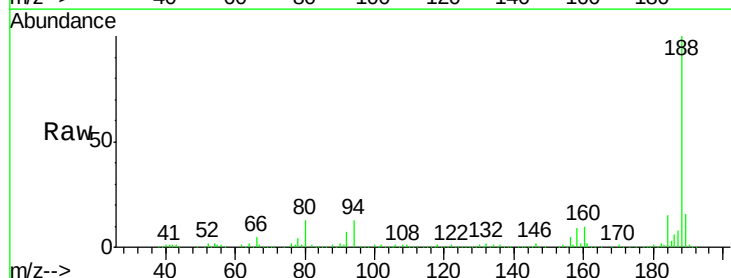
Instrument :
 BNA_F
 ClientSampled :
 MW-02

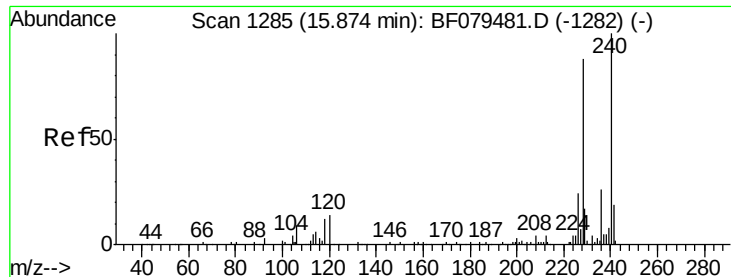
Tot Ion:172 Resp: 977022
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.5 42.7
 170 24.0 19.7 29.5



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.52 min Scan# 992
 Delta R.T. -0.00 min
 Lab File: BF079568.D
 Acq: 29 May 2015 19:09

Tgt Ion:188 Resp: 371336
 Ion Ratio Lower Upper
 188 100
 94 13.1 9.8 14.6
 80 13.3 10.5 15.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.94 min Scan# 1291

Delta R.T. 0.07 min

Lab File: BF079568.D

Acq: 29 May 2015 19:09

Instrument :

BNA_F

ClientSampleId :

MW-02

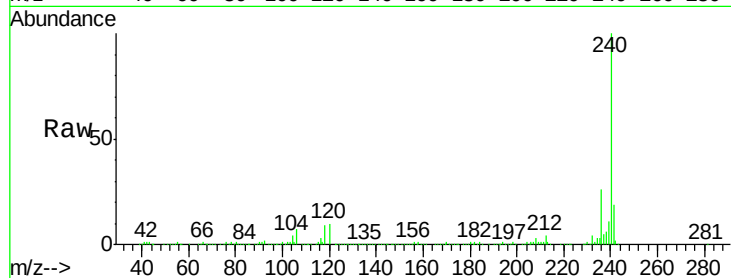
Tot Ion:240 Resp: 348483

Ion Ratio Lower Upper

240 100

120 9.6 10.8 16.2#

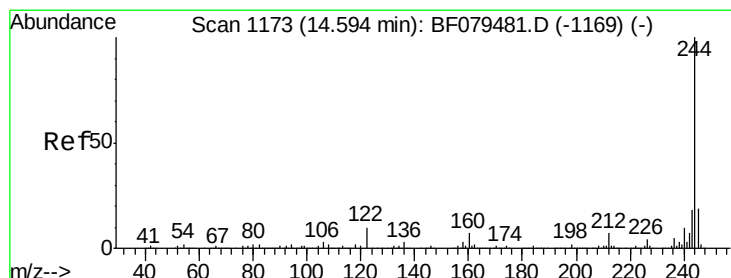
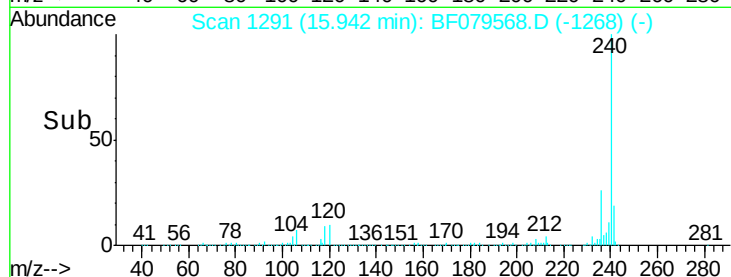
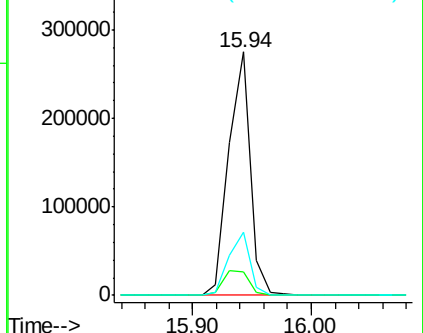
236 25.7 21.0 31.6



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: 59.51 ng

RT: 14.55 min Scan# 1169

Delta R.T. 0.02 min

Lab File: BF079568.D

Acq: 29 May 2015 19:09

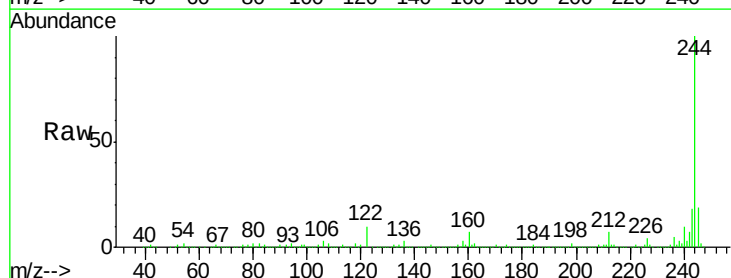
Tgt Ion:244 Resp: 883620

Ion Ratio Lower Upper

244 100

212 6.6 5.2 7.8

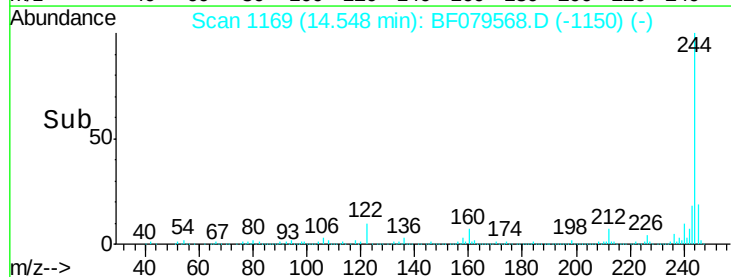
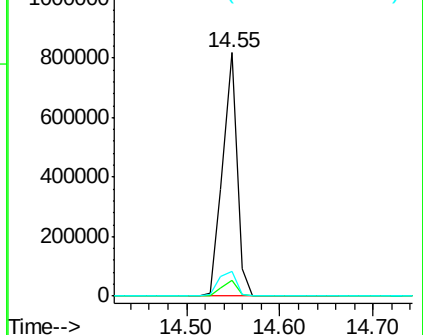
122 10.3 8.0 12.0

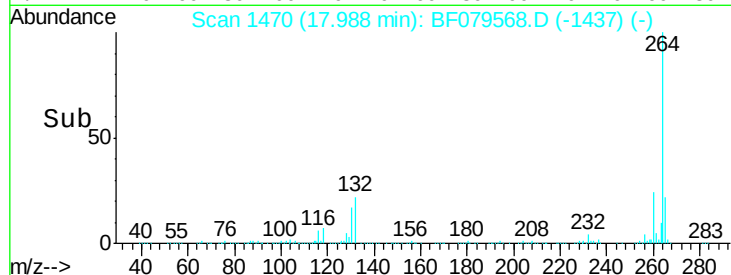
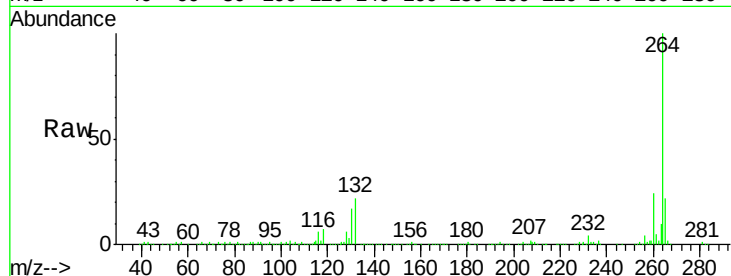
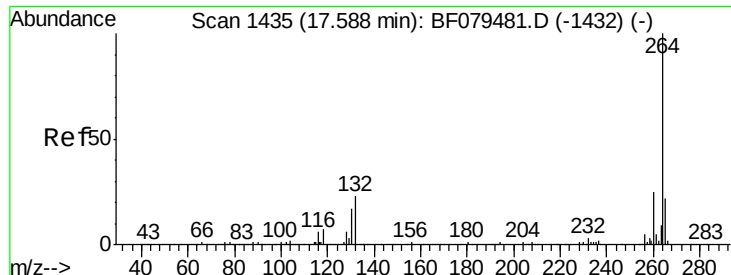


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 17.99 min Scan# 1470
Delta R.T. 0.18 min
Lab File: BF079568.D
Acq: 29 May 2015 19:09

Instrument :
BNA_F
ClientSampleId :
MW-02

Tot Ion:	264	Resp:	337968
Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.8	29.8
265	21.7	17.8	26.6

