

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010615\
 Data File : BF076762.D
 Acq On : 6 Jan 2015 16:54
 Operator : IZ / TP
 Sample : G1011-03
 Misc : W
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW3

Quant Time: Jan 07 10:14:13 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121714.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 07 01:36:36 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	38619	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	165707	20.00	ng	0.00
38) Acenaphthene-d10	10.45	164	97927	20.00	ng	-0.01
63) Phenanthrene-d10	12.27	188	161781	20.00	ng	0.00
75) Chrysene-d12	15.50	240	146583	20.00	ng	-0.02
86) Perylene-d12	17.18	264	136809	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	4.90	112	153334	67.31	ng	0.02
7) Phenol-d6	6.32	99	113436	40.77	ng	0.01
23) Nitrobenzene-d5	7.42	82	253103	90.84	ng	-0.01
41) 2,4,6-Tribromophenol	11.42	330	109277	132.03	ng	-0.01
44) 2-Fluorobiphenyl	9.65	172	510092	81.06	ng	-0.01
78) Terphenyl-d14	14.25	244	542165	81.59	ng	-0.01

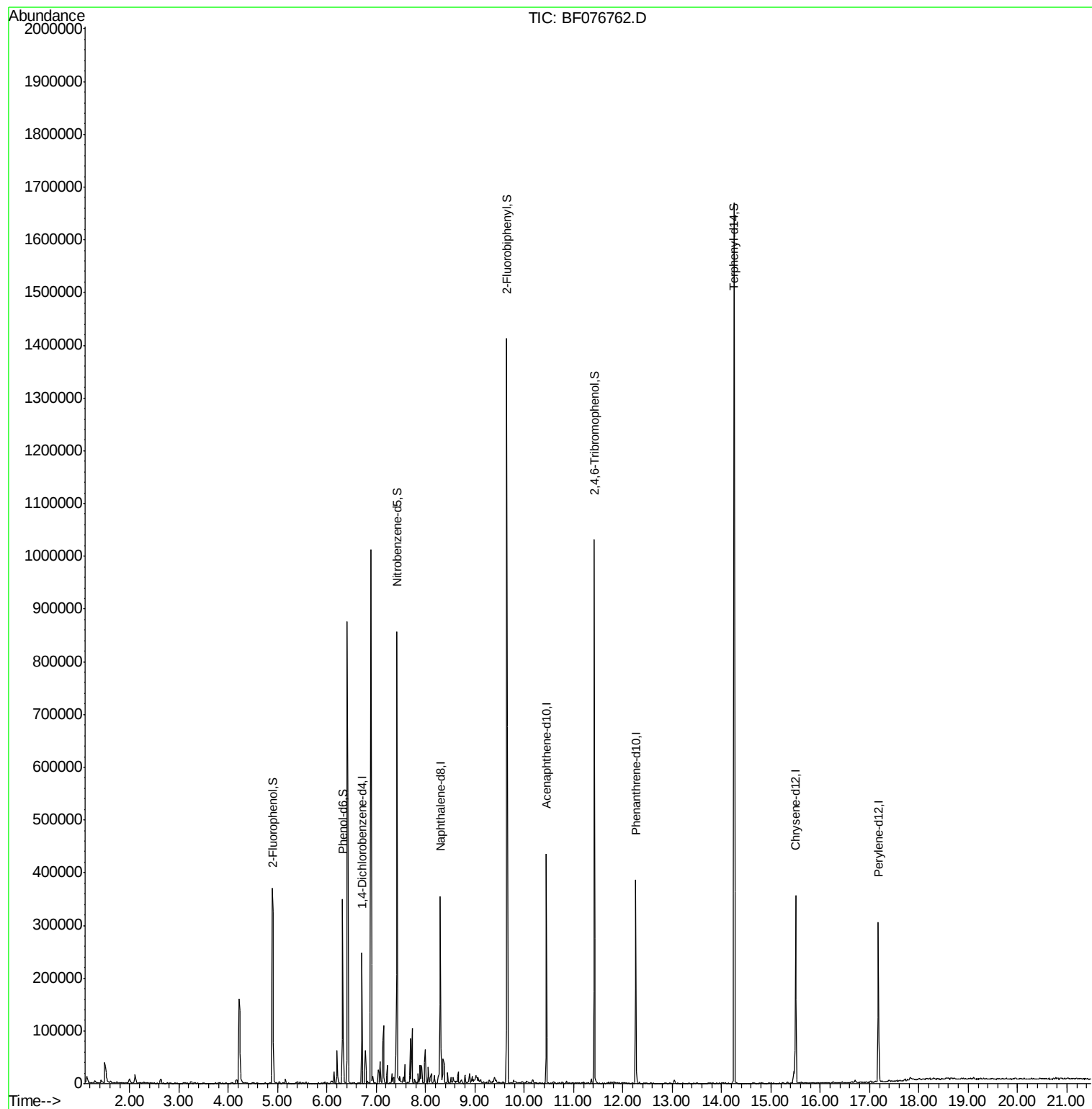
Target Compounds Qvalue

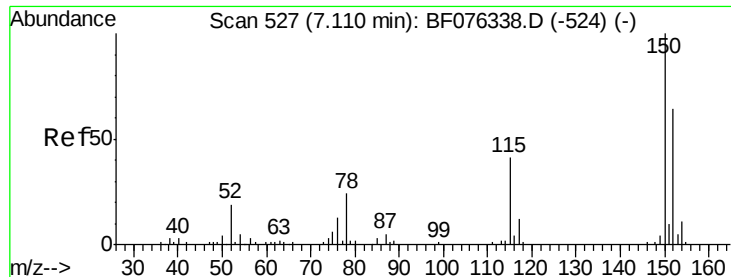
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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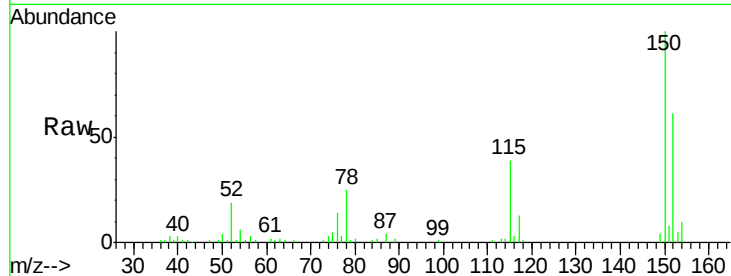


#1

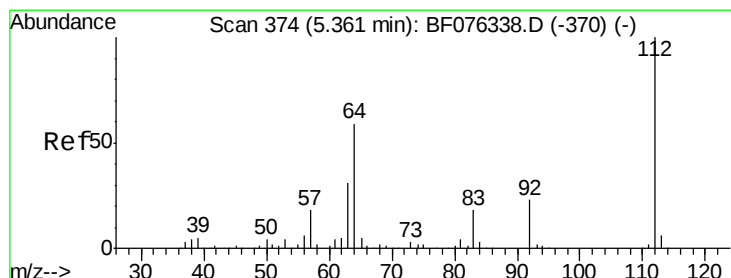
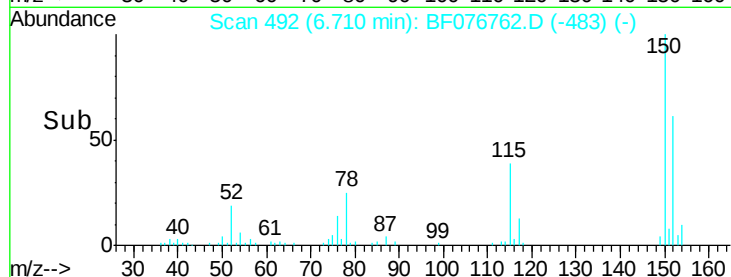
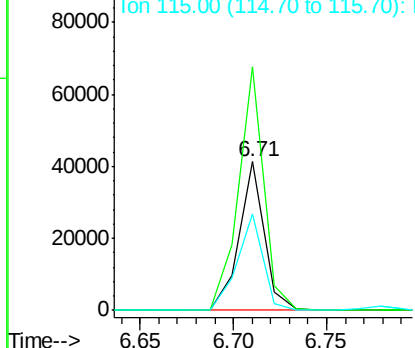
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 492
Delta R.T. 0.00 min
Lab File: BF076762.D
Acq: 6 Jan 2015 16:54

Instrument :
BNA_F
ClientSampleId :
MW3

Tot Ion:152 Resp: 38619
Ion Ratio Lower Upper
152 100
150 164.1 125.2 187.8
115 64.8 51.4 77.0



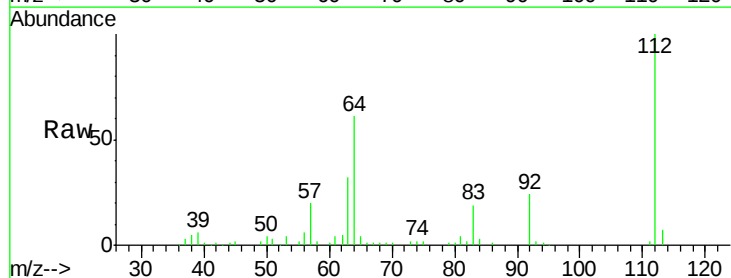
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



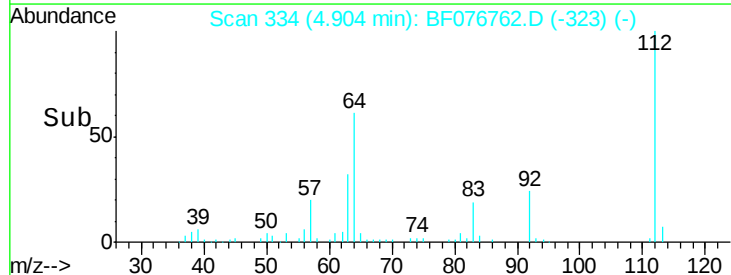
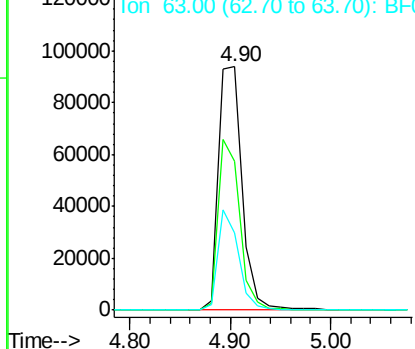
#5

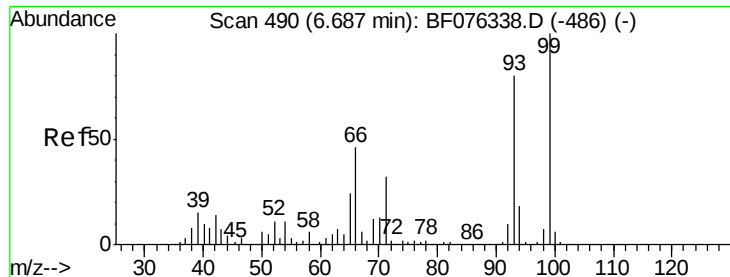
2-Fluorophenol
Concen: 67.31 ng
RT: 4.90 min Scan# 334
Delta R.T. 0.02 min
Lab File: BF076762.D
Acq: 6 Jan 2015 16:54

Tgt Ion:112 Resp: 153334
Ion Ratio Lower Upper
112 100
64 61.2 47.4 71.0
63 31.7 25.0 37.4



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: 40.77 ng

RT: 6.32 min Scan# 458

Delta R.T. 0.01 min

Lab File: BF076762.D

Acq: 6 Jan 2015 16:54

Instrument :

BNA_F

ClientSampleId :

MW3

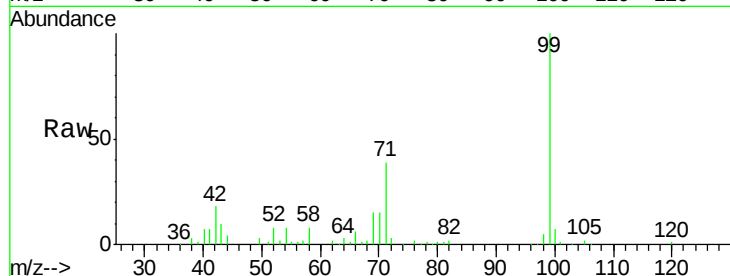
Tot Ion: 99 Resp: 113436

Ion Ratio Lower Upper

99 100

42 18.4 11.6 17.4#

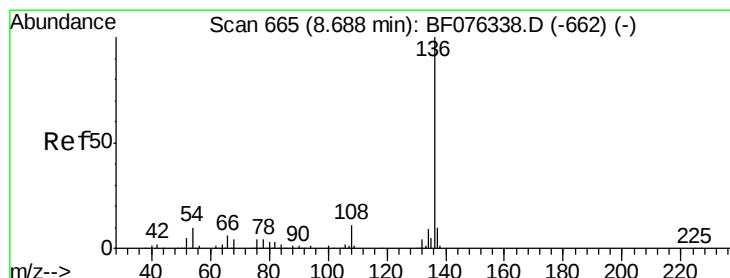
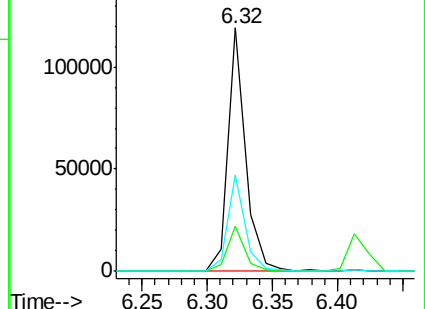
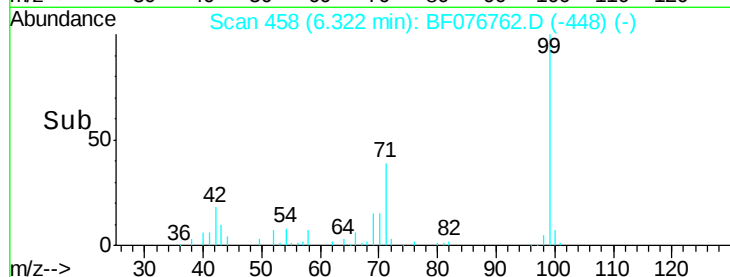
71 39.5 25.9 38.9#



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: 8.30 min Scan# 631

Delta R.T. 0.00 min

Lab File: BF076762.D

Acq: 6 Jan 2015 16:54

Tgt Ion: 136 Resp: 165707

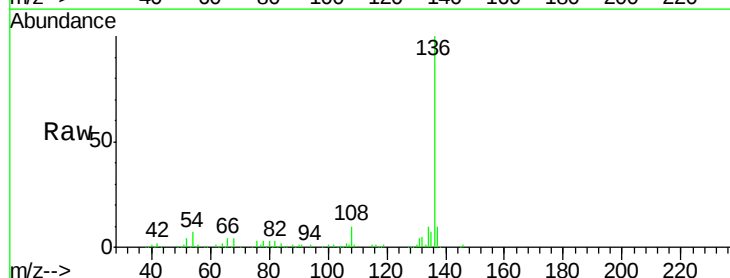
Ion Ratio Lower Upper

136 100

137 10.4 8.4 12.6

54 6.7 7.8 11.6#

68 3.7 3.4 5.2

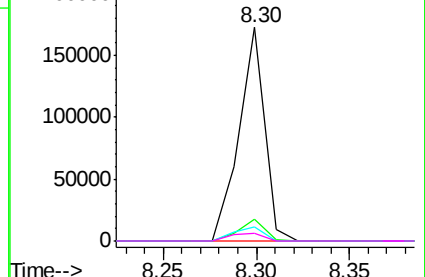
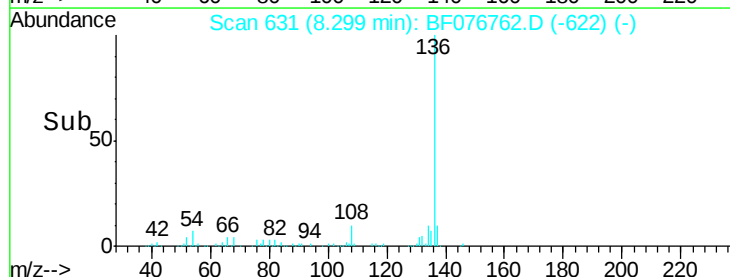


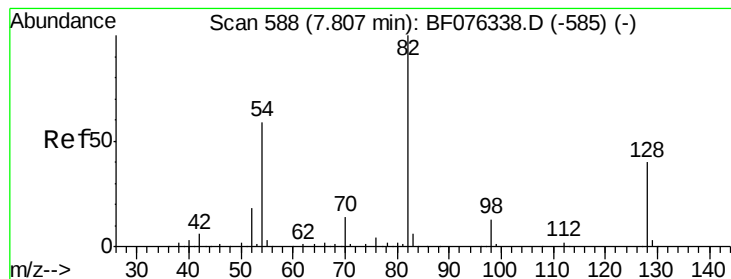
Abundance Ion 136.00 (135.70 to 136.70): E

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: 90.84 ng

RT: 7.42 min Scan# 554

Delta R.T. -0.01 min

Lab File: BF076762.D

Acq: 6 Jan 2015 16:54

Instrument :

BNA_F

ClientSampleId :

MW3

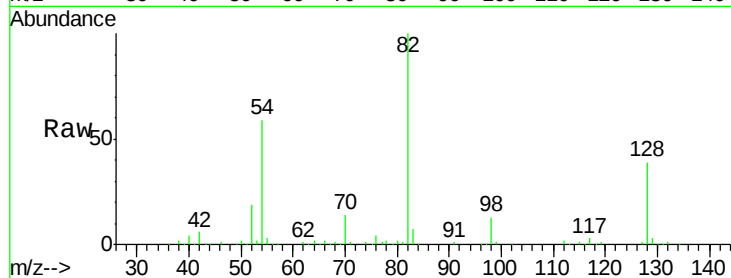
Tot Ion: 82 Resp: 253103

Ion Ratio Lower Upper

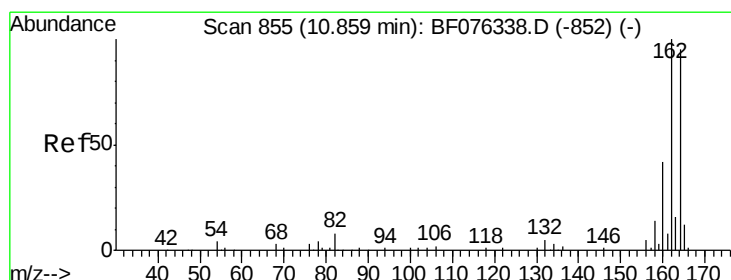
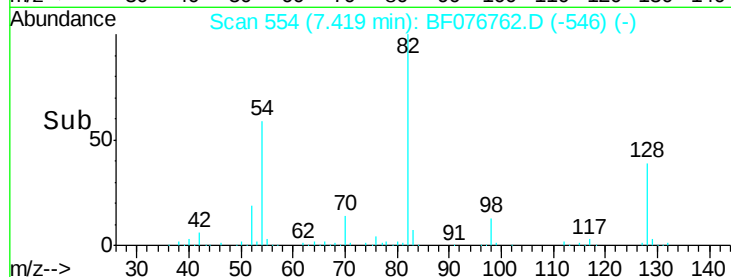
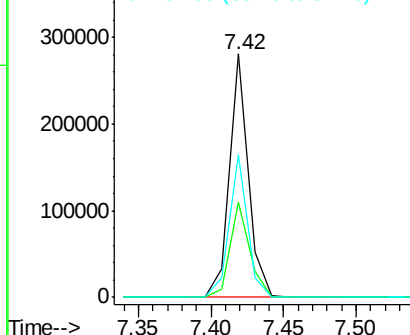
82 100

128 39.1 31.9 47.9

54 58.5 47.2 70.8



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): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.45 min Scan# 819

Delta R.T. -0.01 min

Lab File: BF076762.D

Acq: 6 Jan 2015 16:54

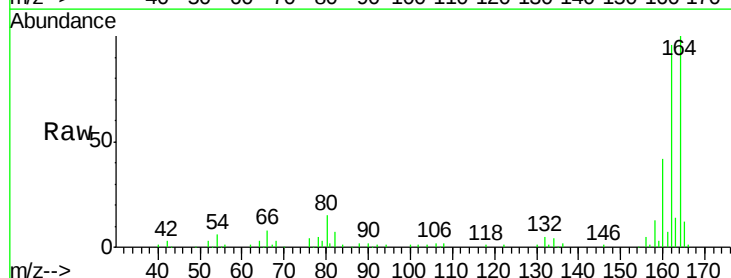
Tgt Ion:164 Resp: 97927

Ion Ratio Lower Upper

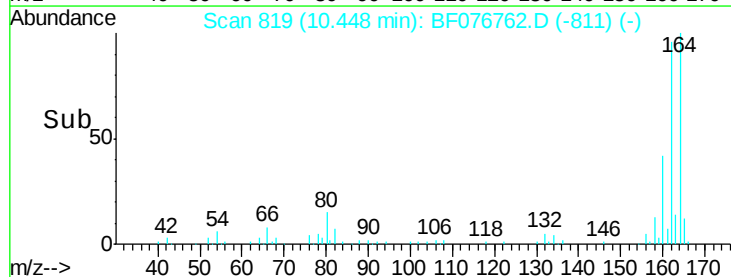
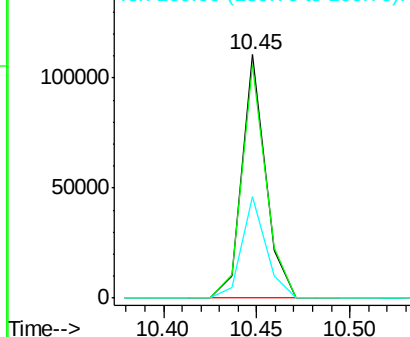
164 100

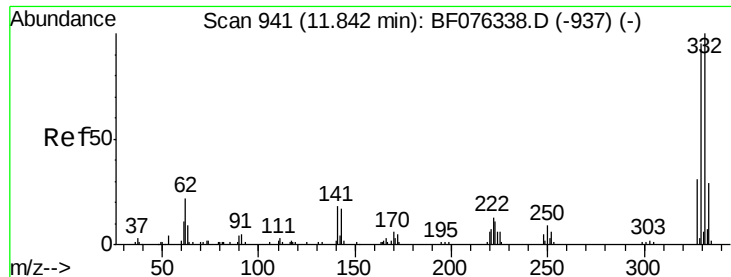
162 96.1 84.2 126.2

160 41.7 35.5 53.3



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

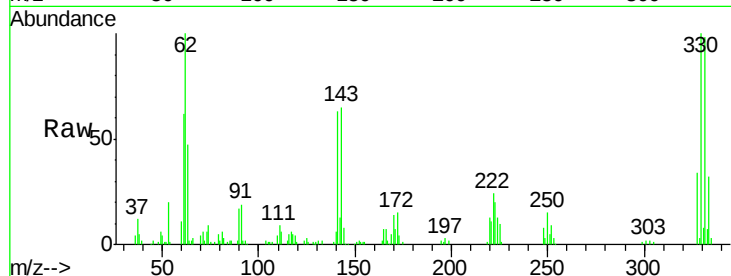




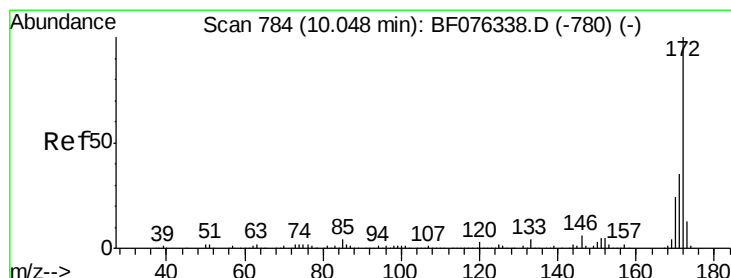
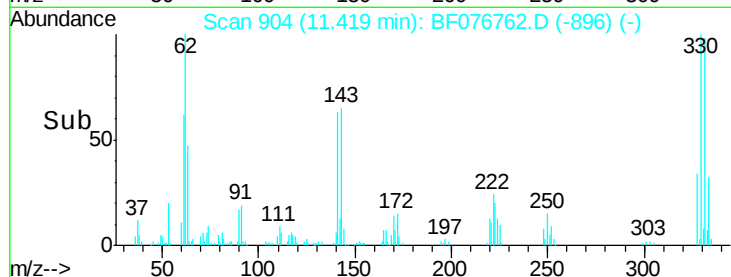
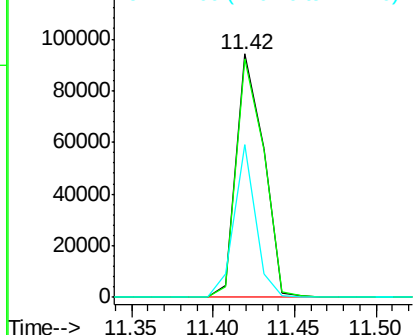
#41
 2,4,6-Tribromophenol
 Concen: 132.03 ng
 RT: 11.42 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF076762.D
 Acq: 6 Jan 2015 16:54

Instrument :
 BNA_F
 ClientSampleId :
 MW3

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.4	0.0	0.0#
141	49.0	0.0	0.0#

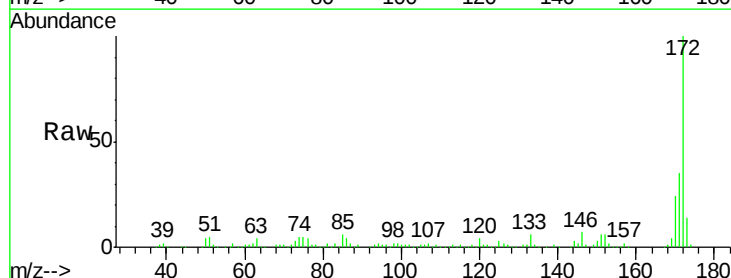


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

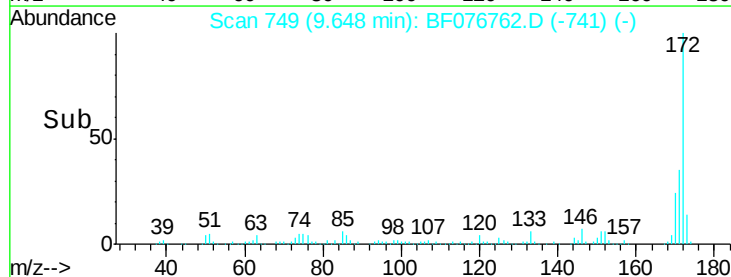
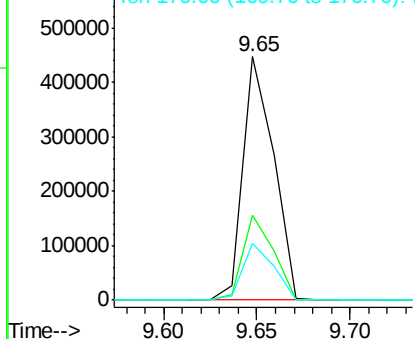


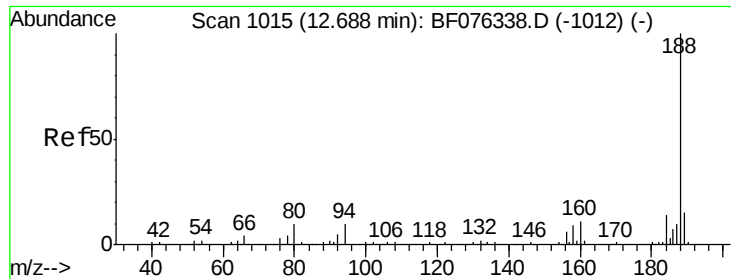
#44
 2-Fluorobiphenyl
 Concen: 81.06 ng
 RT: 9.65 min Scan# 749
 Delta R.T. -0.01 min
 Lab File: BF076762.D
 Acq: 6 Jan 2015 16:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.8	41.8
170	23.5	19.0	28.4



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

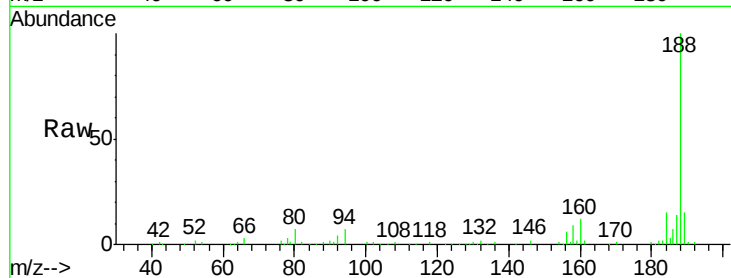




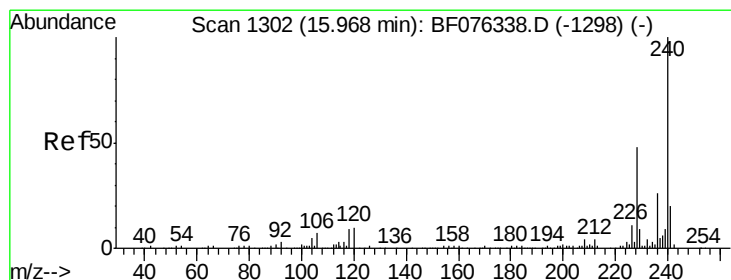
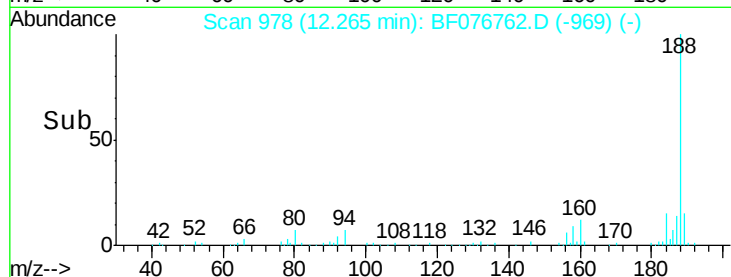
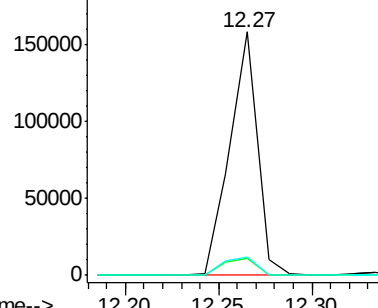
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.27 min Scan# 978
Delta R.T. 0.00 min
Lab File: BF076762.D
Acq: 6 Jan 2015 16:54

Instrument :
BNA_F
ClientSampleId :
MW3

Tot Ion:188 Resp: 161781
Ion Ratio Lower Upper
188 100
94 7.0 7.9 11.9#
80 7.4 8.2 12.2#

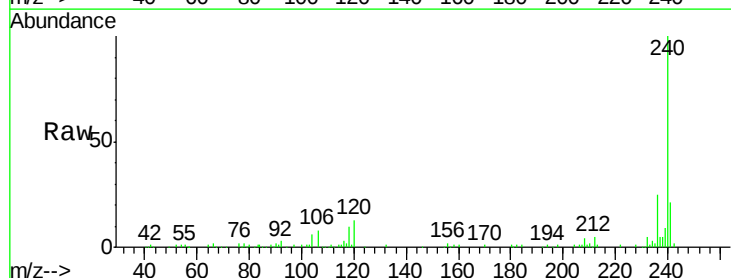


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

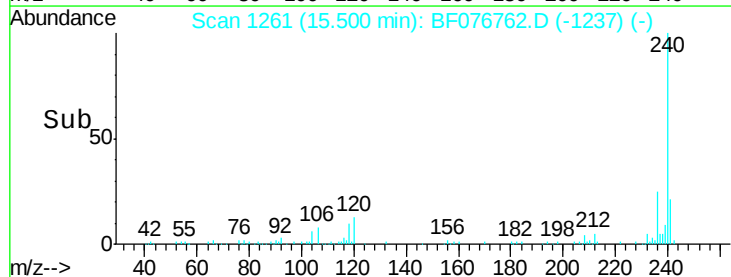
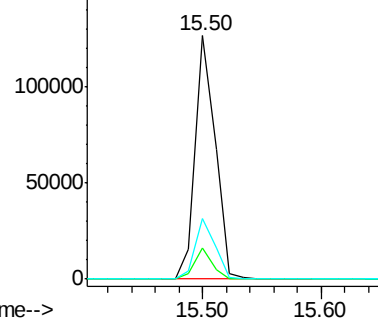


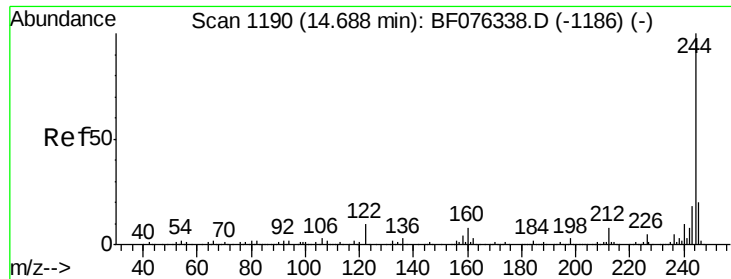
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 1261
Delta R.T. -0.02 min
Lab File: BF076762.D
Acq: 6 Jan 2015 16:54

Tgt Ion:240 Resp: 146583
Ion Ratio Lower Upper
240 100
120 13.0 8.0 12.0#
236 24.7 20.6 30.8



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

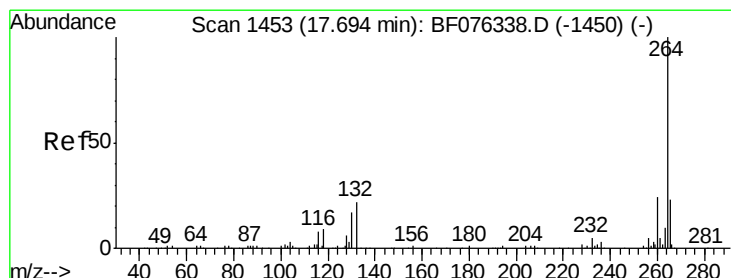
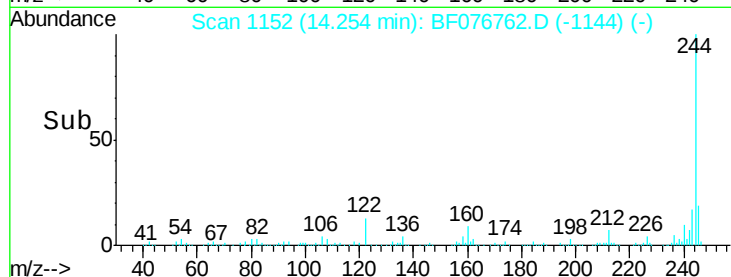
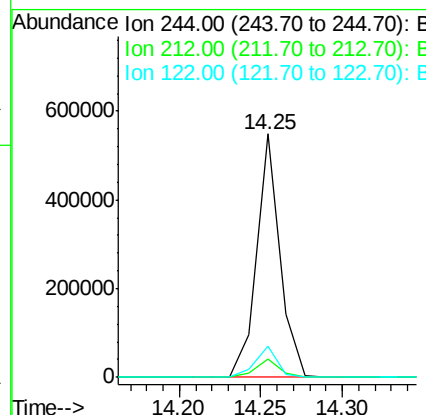
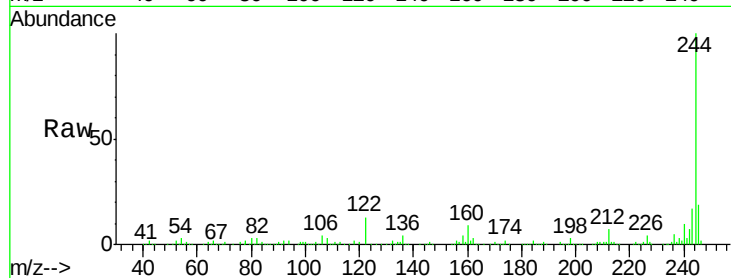




#78
 Terphenyl-d14
 Concen: 81.59 ng
 RT: 14.25 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF076762.D
 Acq: 6 Jan 2015 16:54

Instrument :
 BNA_F
 ClientSampleId :
 MW3

Tot Ion:244 Resp: 542165
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 13.0 8.2 12.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.18 min Scan# 1408
 Delta R.T. -0.07 min
 Lab File: BF076762.D
 Acq: 6 Jan 2015 16:54

Tgt Ion:264 Resp: 136809
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.4 29.2
 265 20.6 18.1 27.1

