

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052915\
 Data File : BF079576.D
 Acq On : 29 May 2015 22:58
 Operator : TP/IZ
 Sample : G2419-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-06

Quant Time: May 30 00:31:51 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

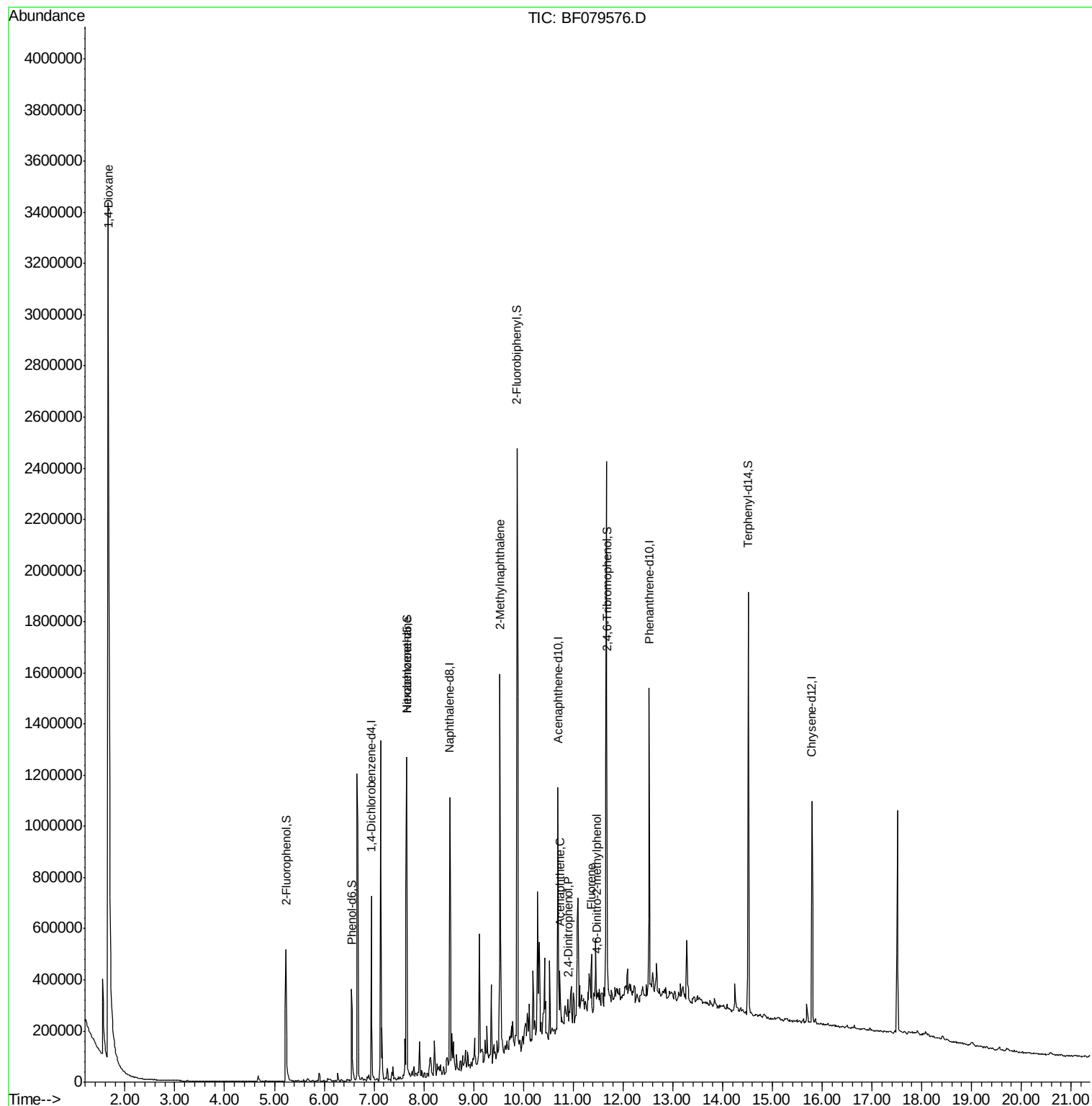
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	120541	20.00	ng	0.00
21) Naphthalene-d8	8.52	136	491698	20.00	ng	-0.01
38) Acenaphthene-d10	10.70	164	240442	20.00	ng	0.00
63) Phenanthrene-d10	12.53	188	403819	20.00	ng	0.00
75) Chrysene-d12	15.79	240	377414	20.00	ng	-0.08
86) Perylene-d12	0.00	264	0	0.00	ng	-17.81
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	238895	34.37	ng	0.00
7) Phenol-d6	6.55	99	203201	22.94	ng	0.00
23) Nitrobenzene-d5	7.66	82	469654	55.21	ng	0.00
41) 2,4,6-Tribromophenol	11.68	330	228646	86.58	ng	0.00
44) 2-Fluorobiphenyl	9.87	172	931589	55.28	ng	-0.01
78) Terphenyl-d14	14.51	244	798239	49.64	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	1.67	88	207252	62.69	ng	# 100
9) Benzaldehyde	6.27	77	498	Below Cal		# 37
18) Hexachloroethane	7.66	117	48653	15.46	ng	# 8
37) 2-Methylnaphthalene	9.53	142	411154	25.10	ng	93
51) Acenaphthene	10.73	154	39329	2.79	ng	99
53) 2,4-Dinitrophenol	10.90	184	1191	6.63	ng	# 54
57) Fluorene	11.37	166	35755	2.09	ng	# 94
64) 4,6-Dinitro-2-methylphenol	11.48	198	1492	7.62	ng	# 1
73) Di-n-butylphthalate	13.29	149	7305	Below Cal		# 71

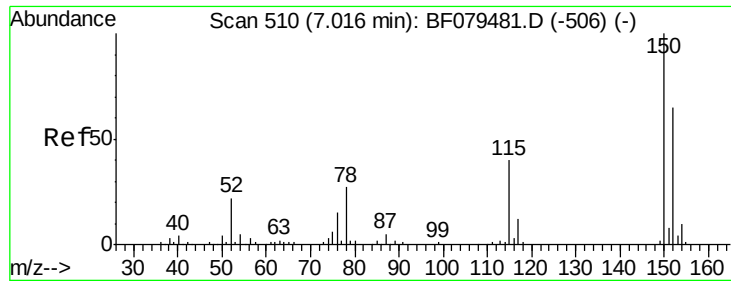
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF079576.D

Acq: 29 May 2015 22:58

Instrument :

BNA_F

ClientSampleId :

MW-06

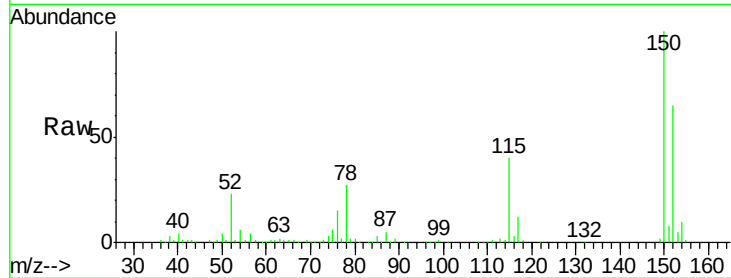
Tgt Ion:152 Resp: 120541

Ion Ratio Lower Upper

152 100

150 154.7 124.0 186.0

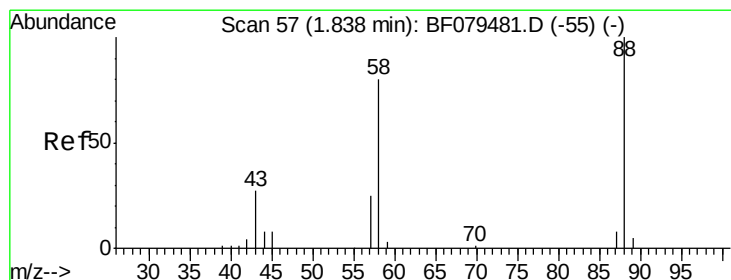
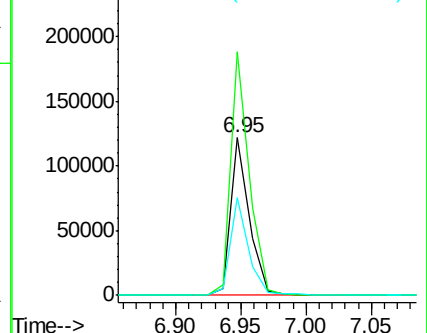
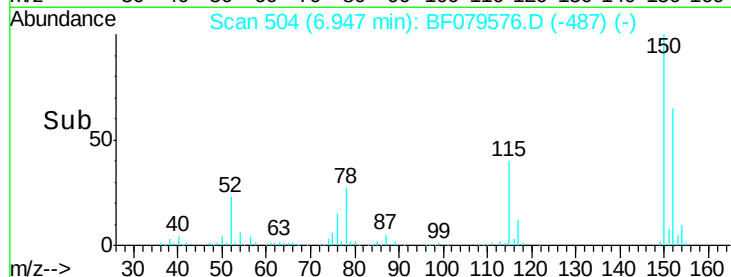
115 61.7 49.6 74.4



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: 62.69 ng

RT: 1.67 min Scan# 42

Delta R.T. -0.10 min

Lab File: BF079576.D

Acq: 29 May 2015 22:58

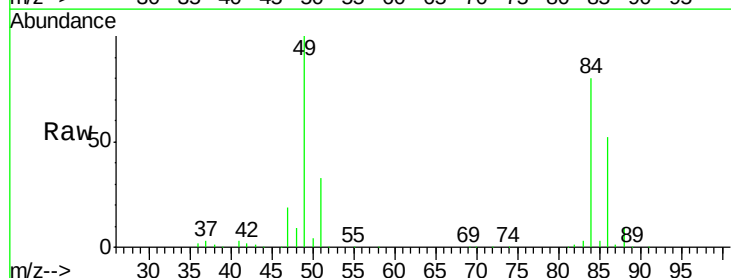
Tgt Ion: 88 Resp: 207252

Ion Ratio Lower Upper

88 100

58 0.0 0.0 0.0

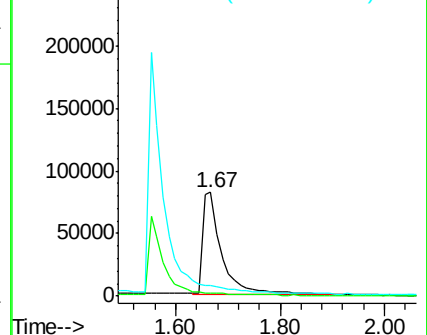
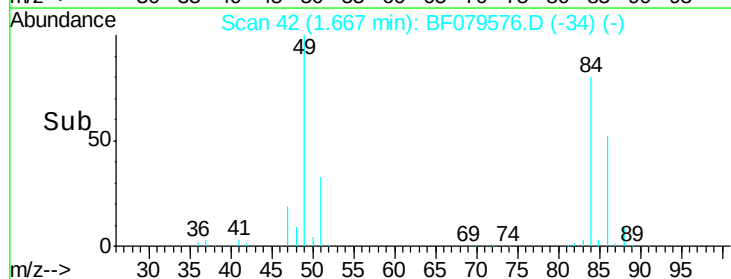
43 0.0 0.0 0.0

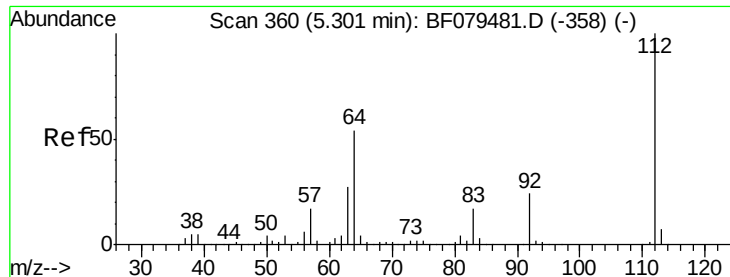


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 34.37 ng

RT: 5.23 min Scan# 354

Delta R.T. -0.00 min

Lab File: BF079576.D

Acq: 29 May 2015 22:58

Instrument :

BNA_F

ClientSampleId :

MW-06

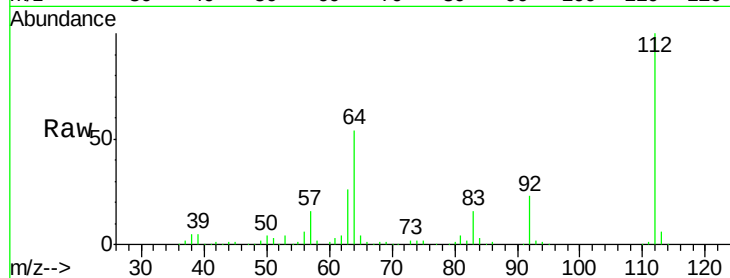
Tgt Ion: 112 Resp: 238895

Ion Ratio Lower Upper

112 100

64 53.8 43.5 65.3

63 26.3 21.8 32.8



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

200000

150000

100000

50000

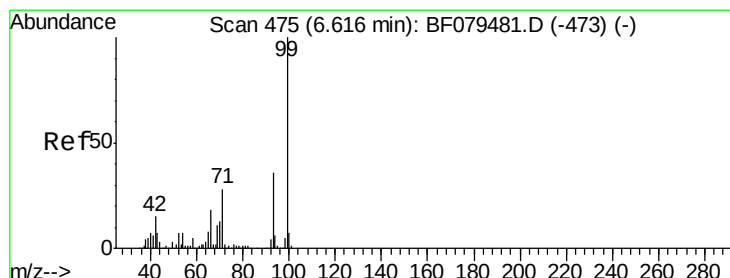
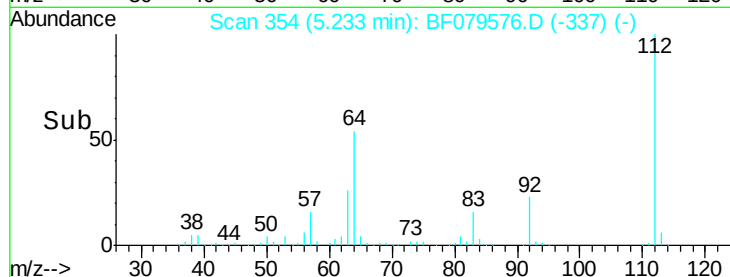
0

5.23

5.30

5.40

Time-->



#7

Phenol-d6

Concen: 22.94 ng

RT: 6.55 min Scan# 469

Delta R.T. -0.00 min

Lab File: BF079576.D

Acq: 29 May 2015 22:58

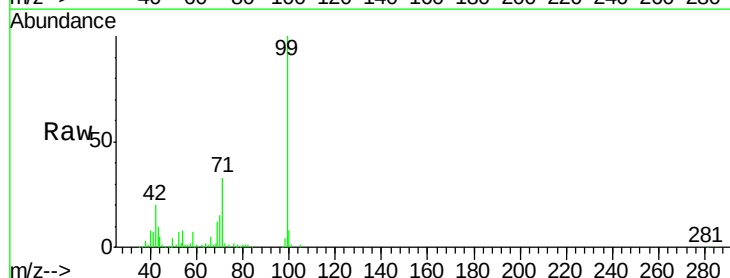
Tgt Ion: 99 Resp: 203201

Ion Ratio Lower Upper

99 100

42 20.1 11.9 17.9#

71 32.9 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

150000

100000

50000

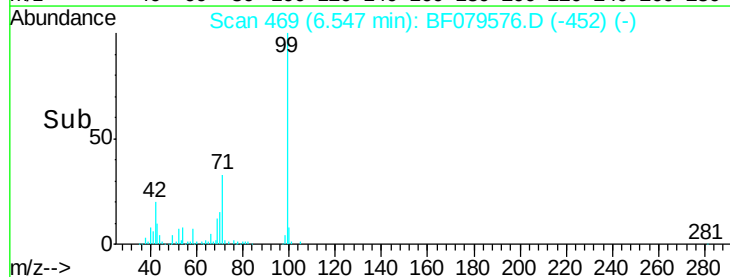
0

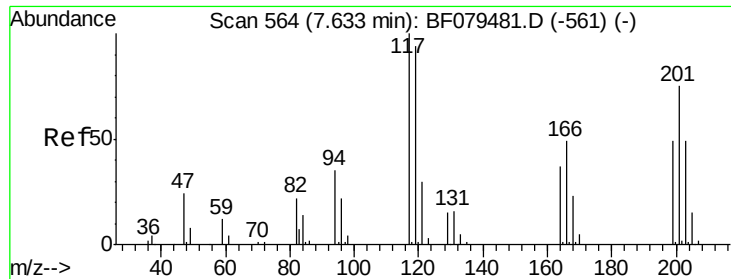
6.55

6.60

6.65

Time-->





#18

Hexachloroethane

Concen: 15.46 ng

RT: 7.66 min Scan# 566

Delta R.T. 0.09 min

Lab File: BF079576.D

Acq: 29 May 2015 22:58

Instrument :

BNA_F

ClientSampleId :

MW-06

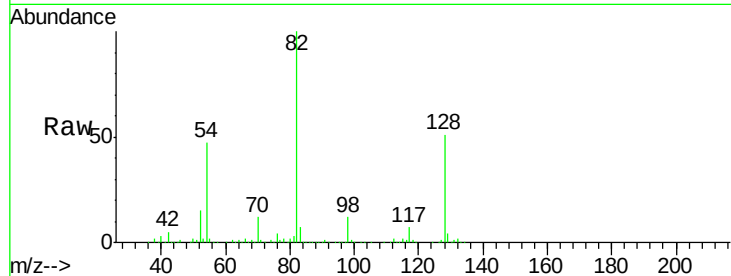
Tgt Ion:117 Resp: 48653

Ion Ratio Lower Upper

117 100

119 2.9 74.9 112.3#

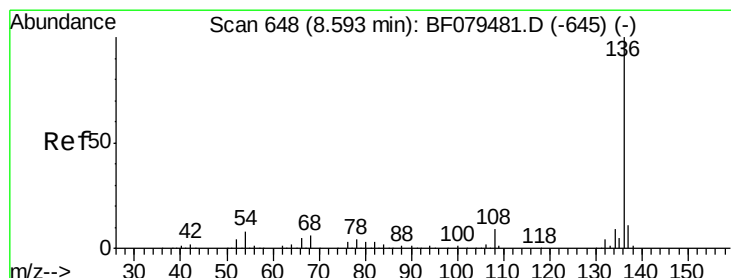
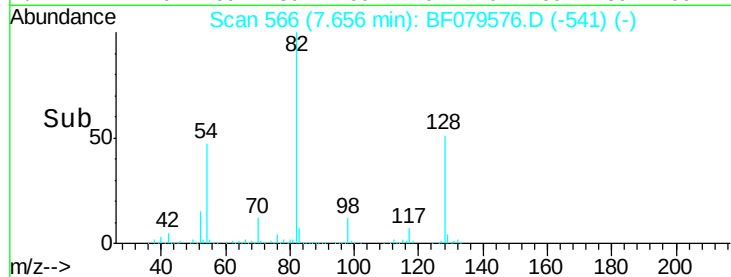
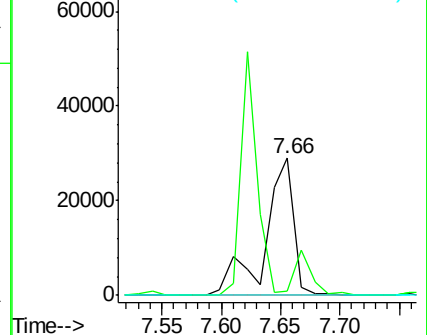
201 0.0 60.2 90.4#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.52 min Scan# 642

Delta R.T. -0.01 min

Lab File: BF079576.D

Acq: 29 May 2015 22:58

Tgt Ion:136 Resp: 491698

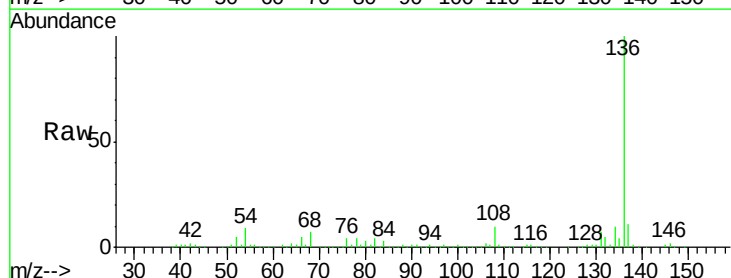
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 8.8 6.6 9.8

68 7.1 4.7 7.1#

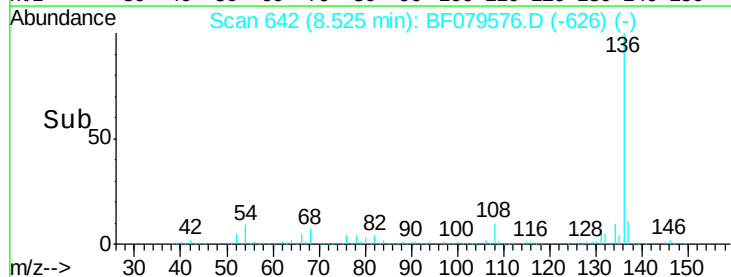
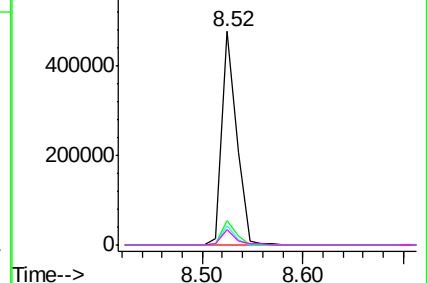


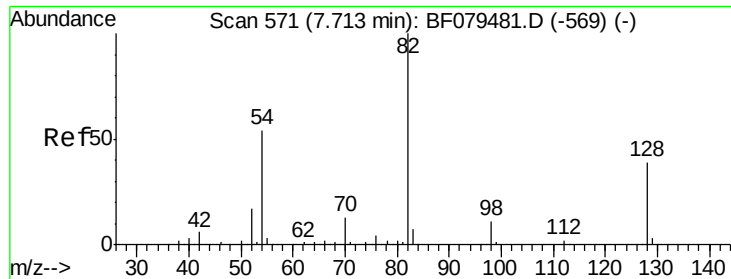
Abundance Ion 136.00 (135.70 to 136.70): E

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

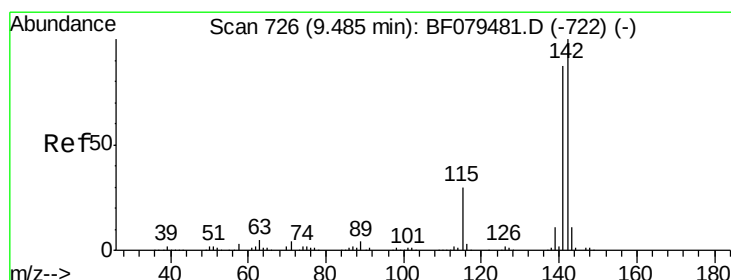
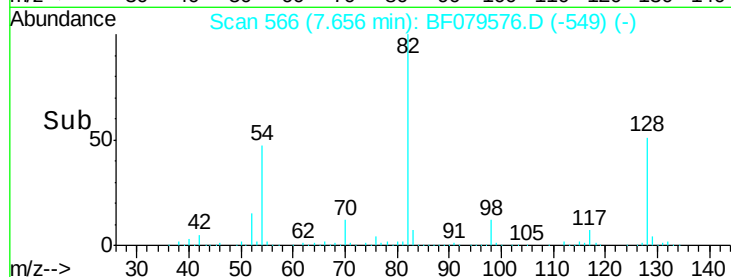
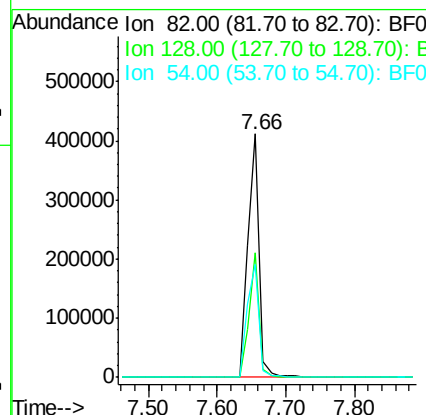
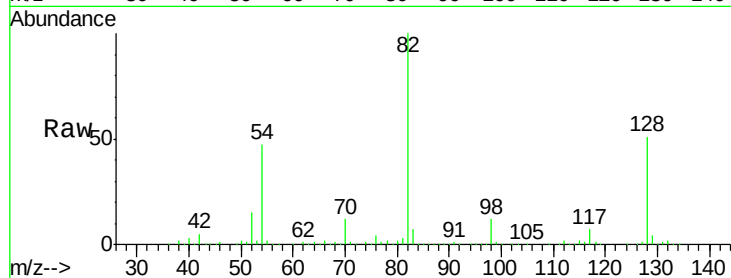




#23
 Nitrobenzene-d5
 Concen: 55.21 ng
 RT: 7.66 min Scan# 566
 Delta R.T. -0.00 min
 Lab File: BF079576.D
 Acq: 29 May 2015 22:58

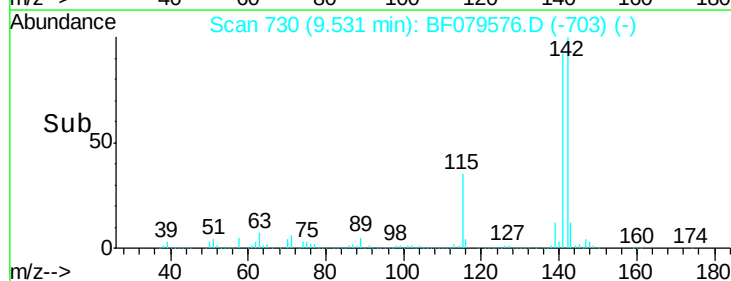
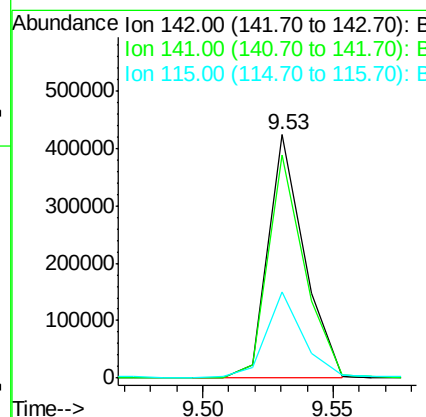
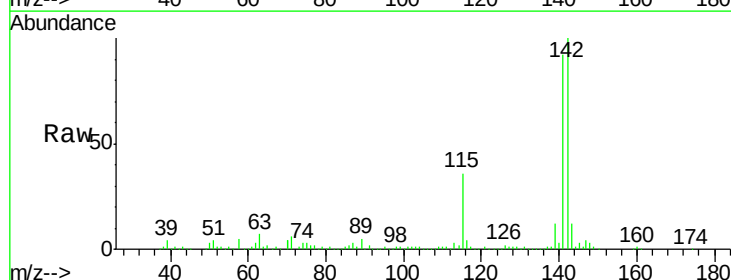
Instrument :
 BNA_F
 ClientSampleId :
 MW-06

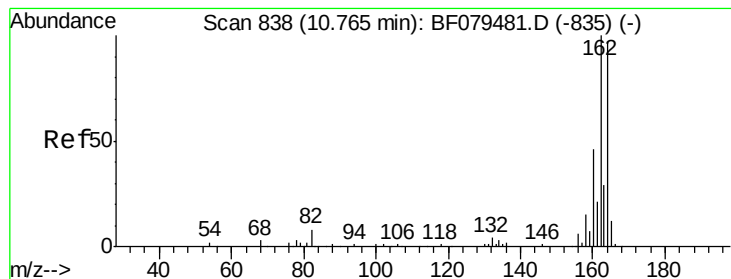
Tgt Ion: 82 Resp: 469654
 Ion Ratio Lower Upper
 82 100
 128 51.3 30.8 46.2#
 54 46.7 42.8 64.2



#37
 2-Methylnaphthalene
 Concen: 25.10 ng
 RT: 9.53 min Scan# 730
 Delta R.T. 0.11 min
 Lab File: BF079576.D
 Acq: 29 May 2015 22:58

Tgt Ion: 142 Resp: 411154
 Ion Ratio Lower Upper
 142 100
 141 91.8 69.5 104.3
 115 35.6 23.8 35.6





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.70 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF079576.D

Acq: 29 May 2015 22:58

Instrument :

BNA_F

ClientSampled :

MW-06

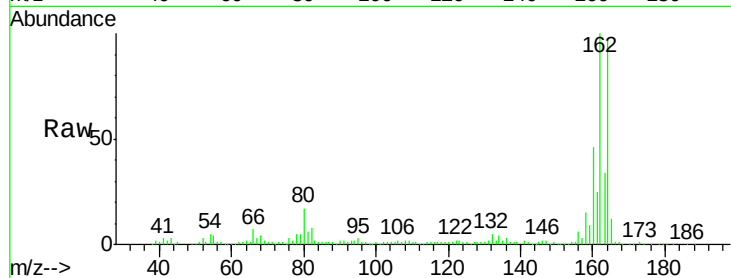
Tgt Ion:164 Resp: 240442

Ion Ratio Lower Upper

164 100

162 102.7 82.6 124.0

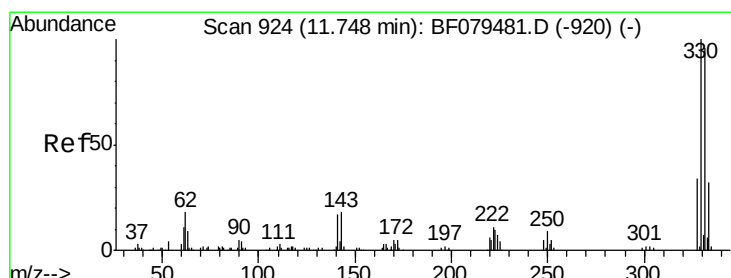
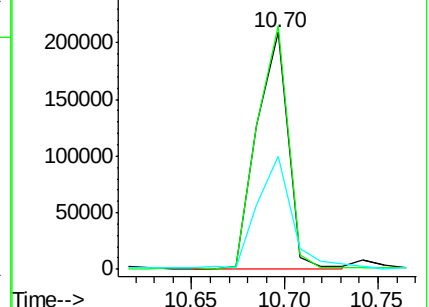
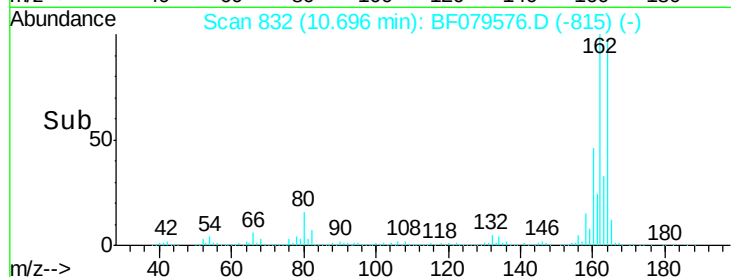
160 47.6 37.7 56.5



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: 86.58 ng

RT: 11.68 min Scan# 918

Delta R.T. -0.00 min

Lab File: BF079576.D

Acq: 29 May 2015 22:58

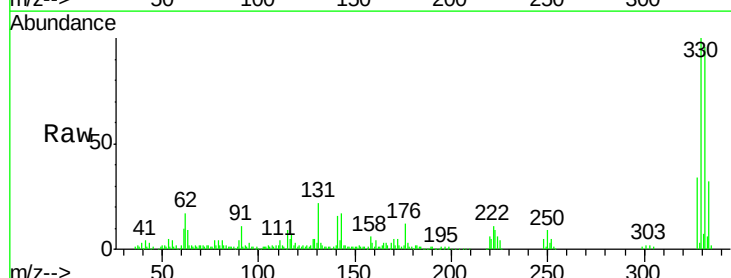
Tgt Ion:330 Resp: 228646

Ion Ratio Lower Upper

330 100

332 95.5 0.0 0.0#

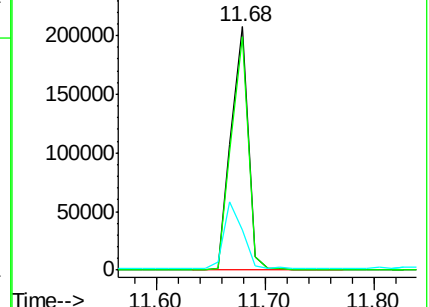
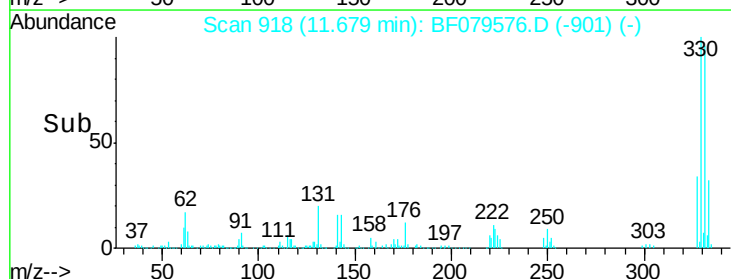
141 30.2 0.0 0.0#

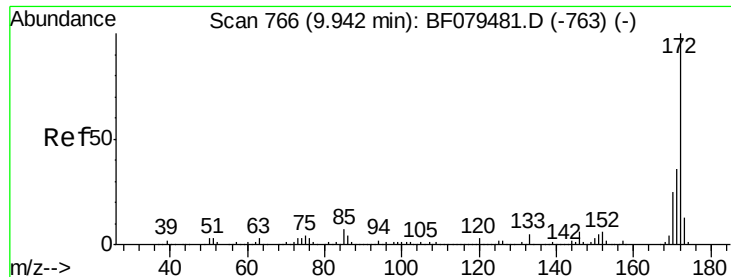


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

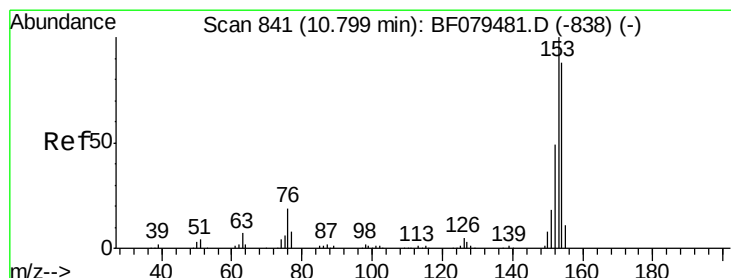
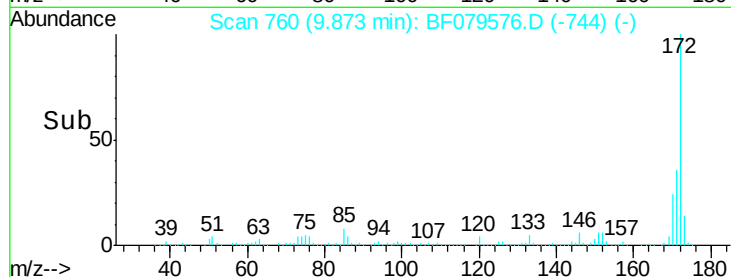
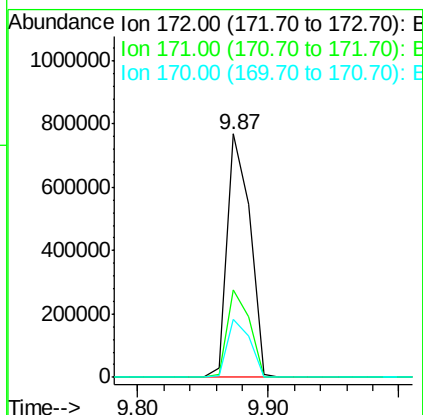
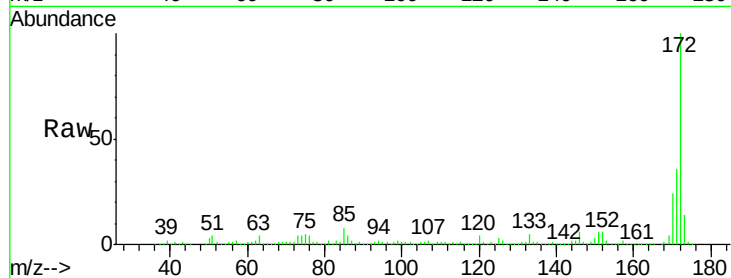




#44
 2-Fluorobiphenyl
 Concen: 55.28 ng
 RT: 9.87 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF079576.D
 Acq: 29 May 2015 22:58

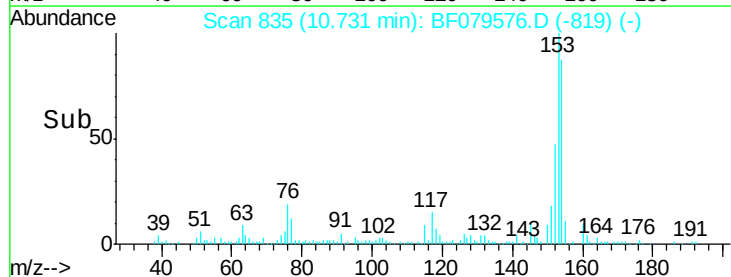
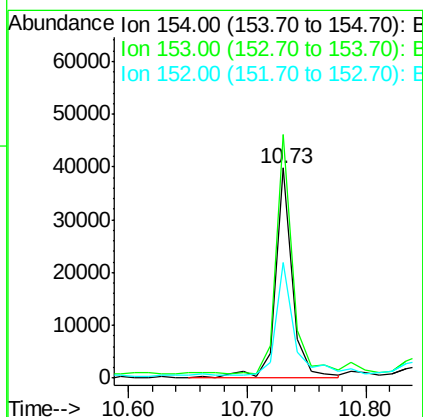
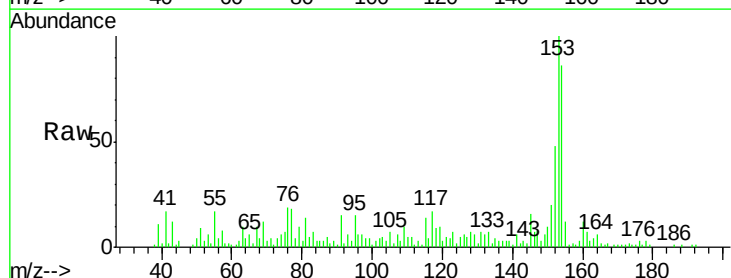
Instrument :
 BNA_F
 ClientSampled :
 MW-06

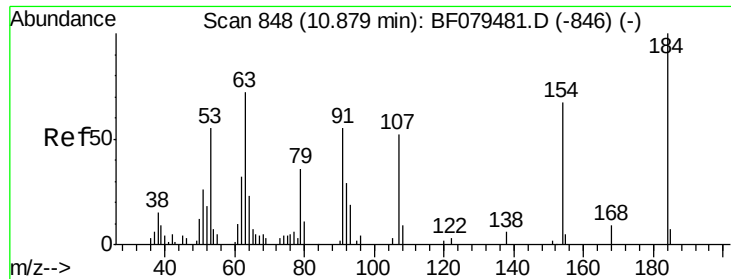
Tgt Ion:172 Resp: 931589
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.5 42.7
 170 24.0 19.7 29.5



#51
 Acenaphthene
 Concen: 2.79 ng
 RT: 10.73 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: BF079576.D
 Acq: 29 May 2015 22:58

Tgt Ion:154 Resp: 39329
 Ion Ratio Lower Upper
 154 100
 153 115.8 91.1 136.7
 152 55.0 44.6 66.8

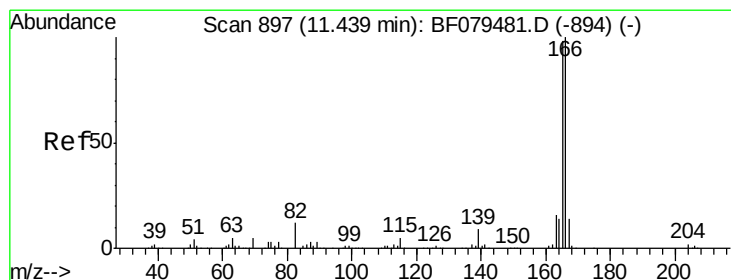
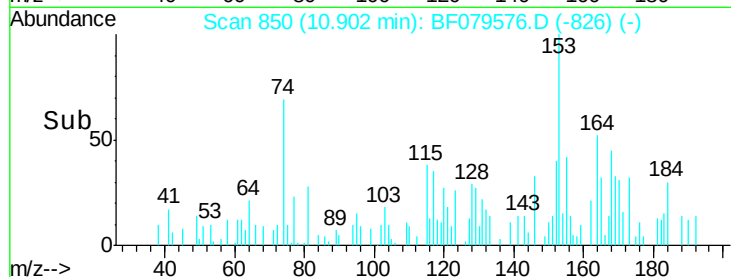
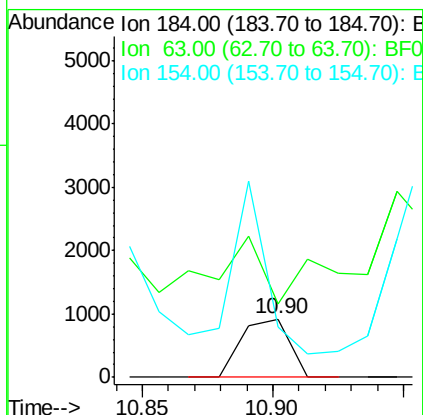
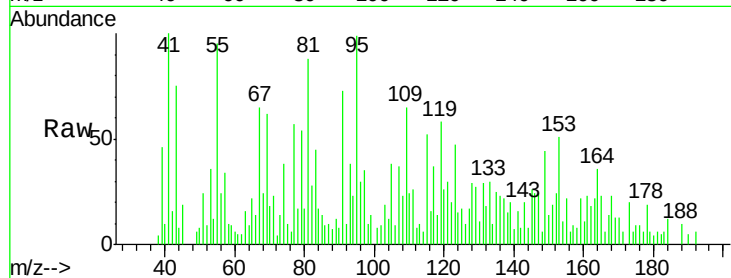




#53
2,4-Dinitrophenol
Concen: 6.63 ng
RT: 10.90 min Scan# 850
Delta R.T. 0.08 min
Lab File: BF079576.D
Acq: 29 May 2015 22:58

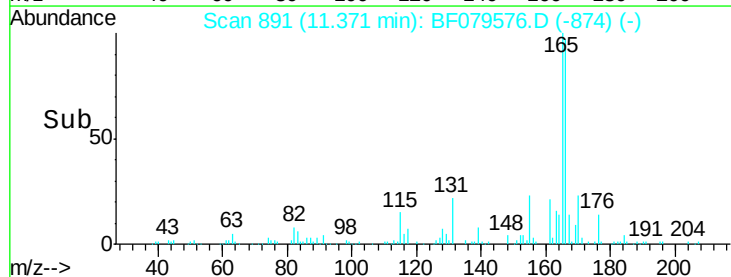
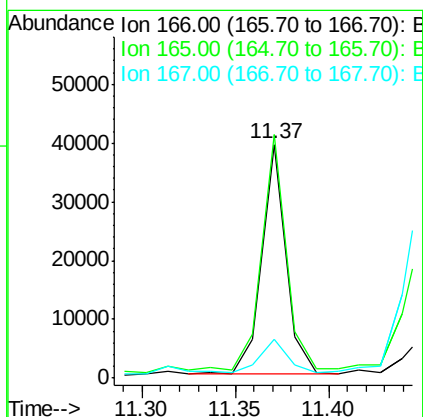
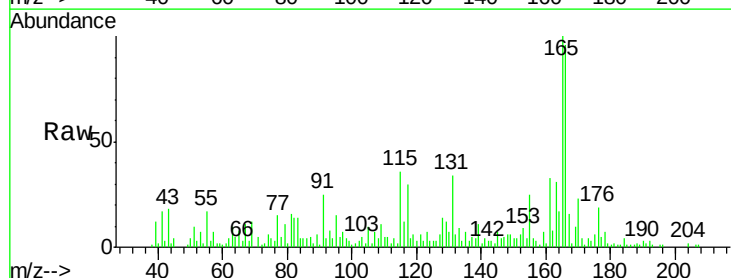
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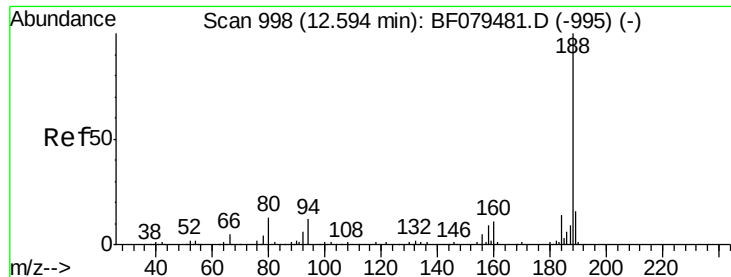
Tgt Ion:184 Resp: 1191
Ion Ratio Lower Upper
184 100
63 126.0 57.7 86.5#
154 87.8 53.4 80.2#



#57
Fluorene
Concen: 2.09 ng
RT: 11.37 min Scan# 891
Delta R.T. -0.00 min
Lab File: BF079576.D
Acq: 29 May 2015 22:58

Tgt Ion:166 Resp: 35755
Ion Ratio Lower Upper
166 100
165 104.3 78.6 117.8
167 16.6 10.8 16.2#

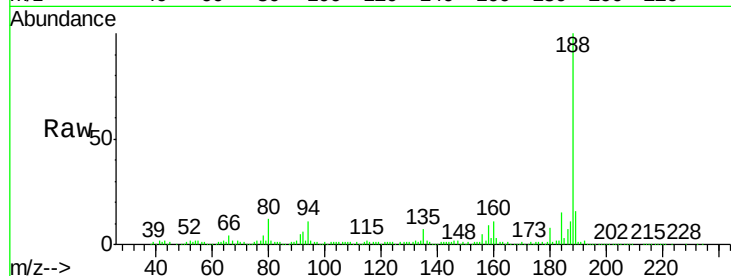




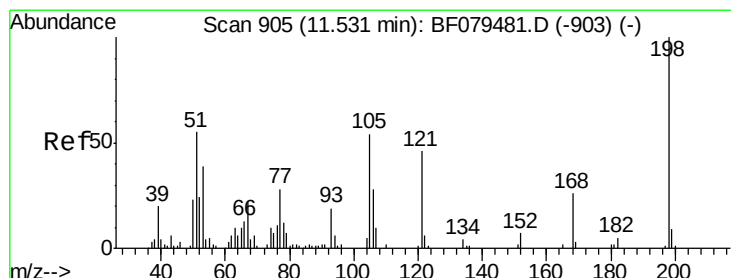
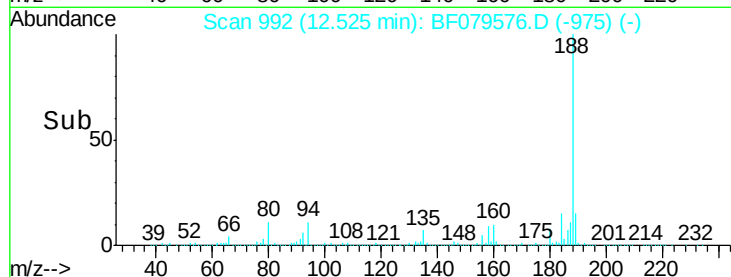
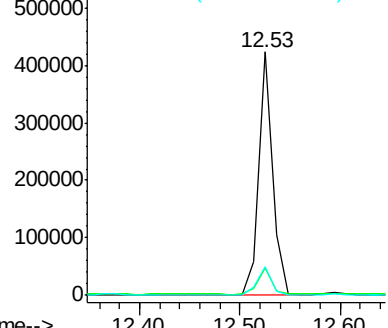
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.53 min Scan# 992
 Delta R.T. -0.00 min
 Lab File: BF079576.D
 Acq: 29 May 2015 22:58

Instrument :
 BNA_F
 ClientSampleId :
 MW-06

Tgt Ion:188 Resp: 403819
 Ion Ratio Lower Upper
 188 100
 94 11.1 9.8 14.6
 80 11.5 10.5 15.7

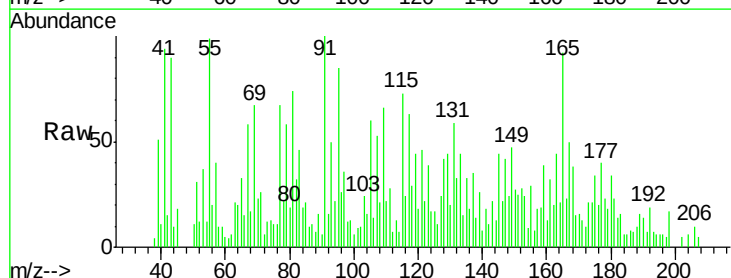


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

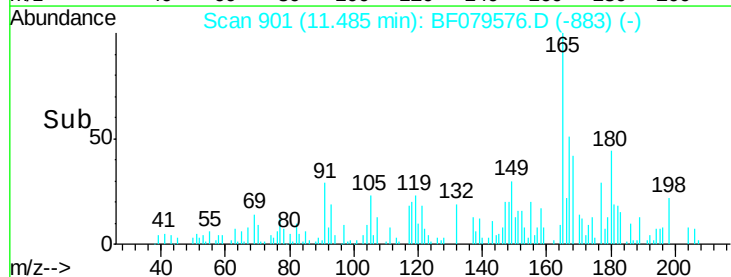
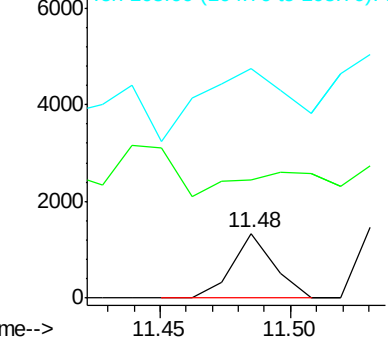


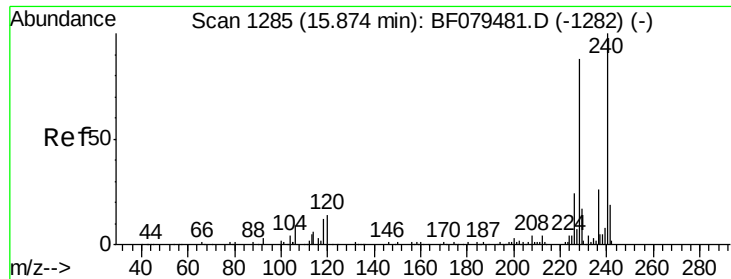
#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.62 ng
 RT: 11.48 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: BF079576.D
 Acq: 29 May 2015 22:58

Tgt Ion:198 Resp: 1492
 Ion Ratio Lower Upper
 198 100
 51 184.0 36.0 76.0#
 105 354.9 34.1 74.1#



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.79 min Scan# 1278

Delta R.T. -0.08 min

Lab File: BF079576.D

Acq: 29 May 2015 22:58

Instrument :

BNA_F

ClientSampleId :

MW-06

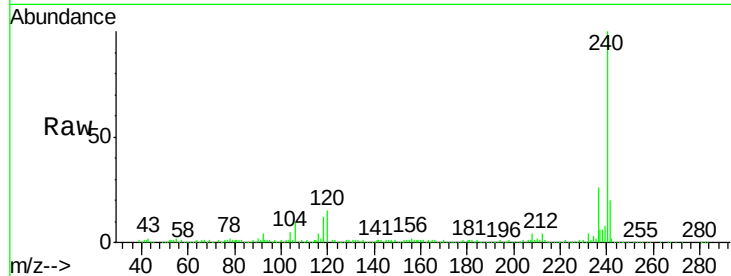
Tgt Ion:240 Resp: 377414

Ion Ratio Lower Upper

240 100

120 15.1 10.8 16.2

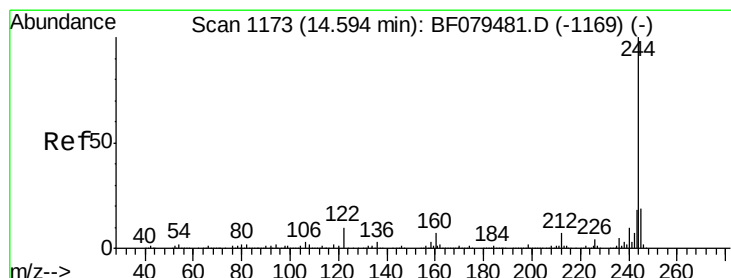
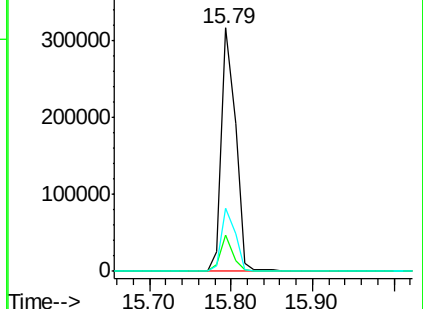
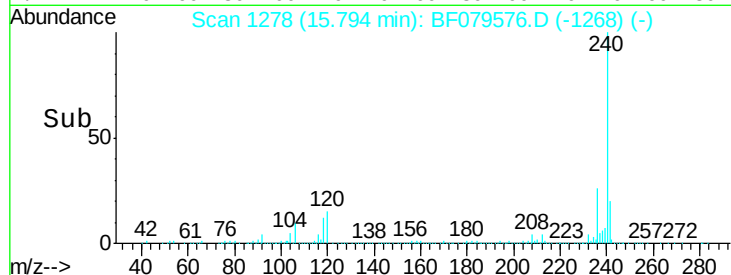
236 26.1 21.0 31.6



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: 49.64 ng

RT: 14.51 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF079576.D

Acq: 29 May 2015 22:58

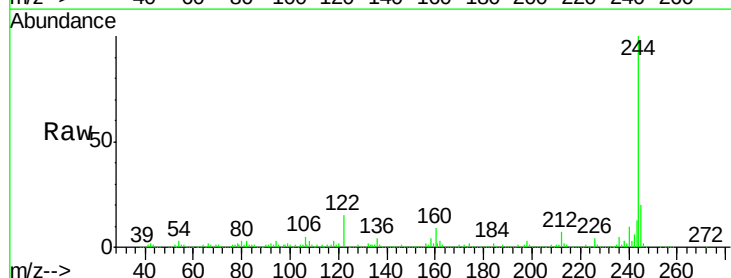
Tgt Ion:244 Resp: 798239

Ion Ratio Lower Upper

244 100

212 7.2 5.2 7.8

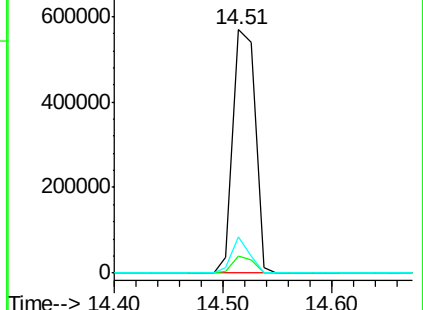
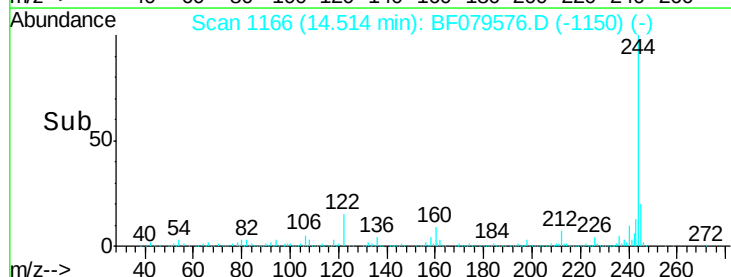
122 15.1 8.0 12.0#

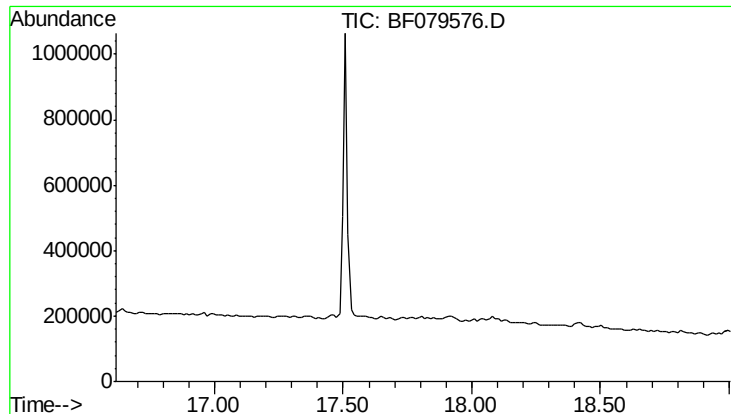


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 0.00 ng
Expected RT: 17.81 min

Lab File: BF079576.D
Acq: 29 May 2015 22:58

Instrument :
BNA_F
ClientSampleId :
MW-06

Tgt Ion: 264
Sig Exp Ratio
264 100
260 24.8
265 22.2

