

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060915\
 Data File : BF079845.D
 Acq On : 9 Jun 2015 21:39
 Operator : TP/IZ
 Sample : G2542-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 Z2-0123

Quant Time: Jun 10 01:36:16 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 09 15:11:40 2015
 Response via : Initial Calibration

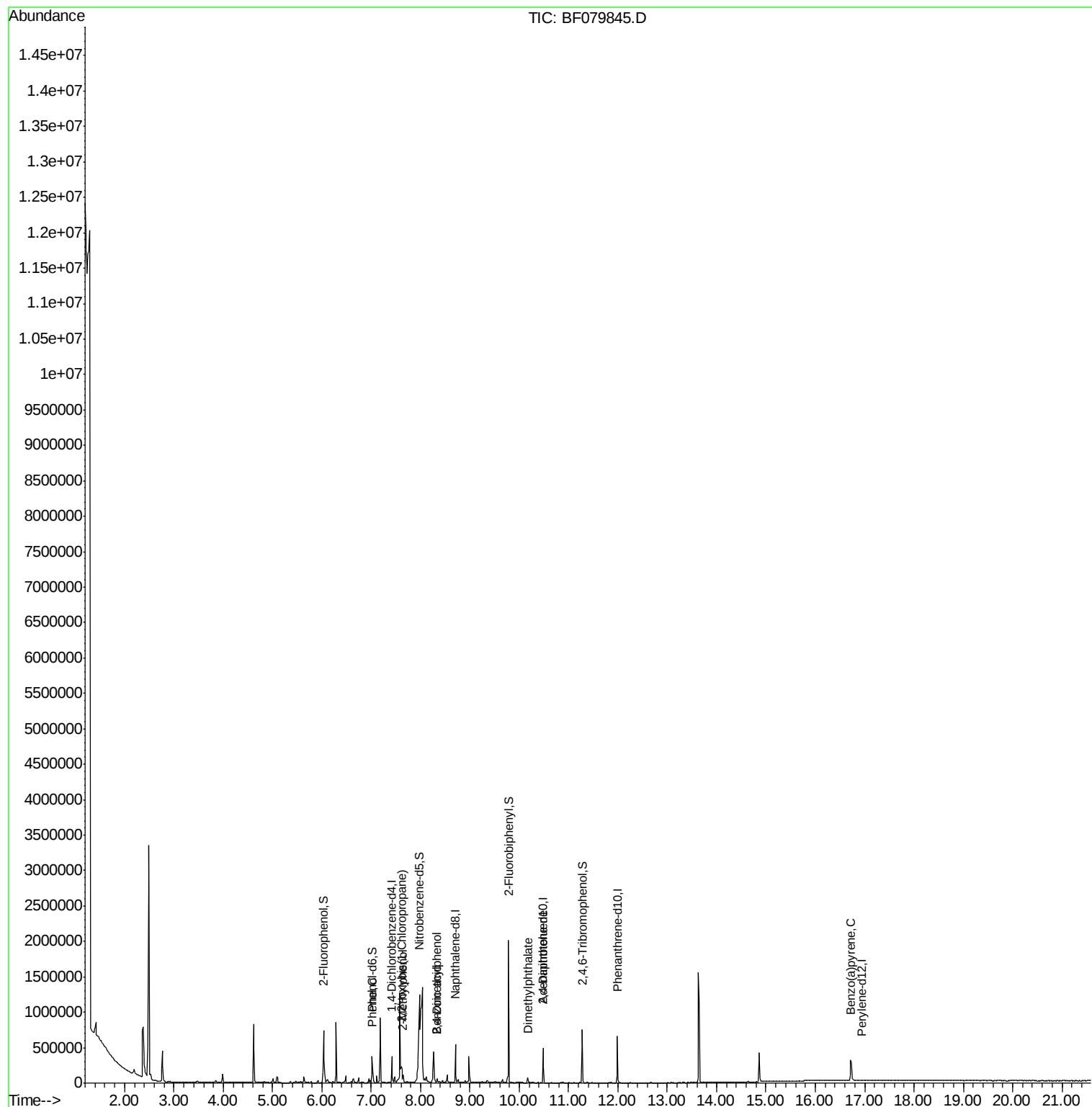
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	51951	20.00	ng	0.00
21) Naphthalene-d8	8.71	136	215350	20.00	ng	0.00
38) Acenaphthene-d10	10.48	164	107391	20.00	ng	0.00
63) Phenanthrene-d10	11.99	188	225662	20.00	ng	-0.01
75) Chrysene-d12	0.00	240	0	0.00	ng	-15.06
86) Perylene-d12	16.94	264	490	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	6.03	112	127770	40.53	ng	0.00
7) Phenol-d6	7.02	99	95512	23.42	ng	0.00
23) Nitrobenzene-d5	7.98	82	256297	68.75	ng	0.00
41) 2,4,6-Tribromophenol	11.28	330	107522	115.69	ng	0.00
44) 2-Fluorobiphenyl	9.78	172	565392	74.05	ng	0.00
78) Terphenyl-d14	13.63	244	692186	0.00	ng	-0.10
Target Compounds						
10) Phenol	7.03	94	36833	8.48	ng	Qvalue 94
16) 2,2'-oxybis(1-Chloropropan	7.61	45	15544	2.96	ng	87
17) 2-Methylphenol	7.64	107	11568	3.78	ng	94
27) 2,4-Dimethylphenol	8.33	122	8356	2.38	ng	92
32) Benzoic acid	8.33	122	8356	14.67	ng	# 13
49) Dimethylphthalate	10.17	163	26182	3.13	ng	# 99
56) 2,4-Dinitrotoluene	10.48	165	13411	12.26	ng	# 32
89) Benzo(a)pyrene	16.72	252	280	10.16	ng	# 59

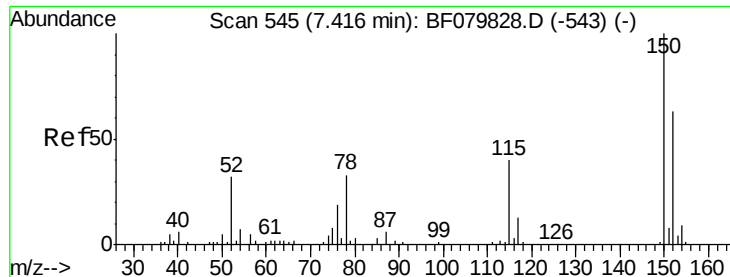
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.42 min Scan# 545

Delta R.T. 0.00 min

Lab File: BF079845.D

Acq: 9 Jun 2015 21:39

Instrument :

BNA_F

ClientSampleId :

Z2-0123

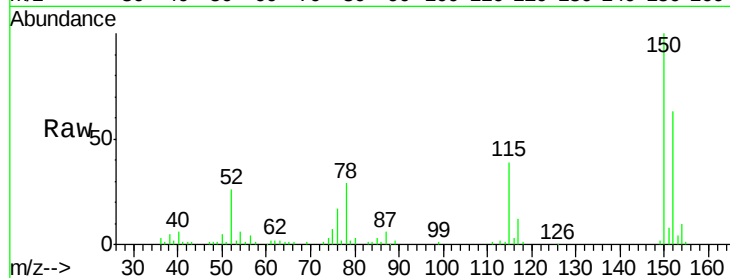
Tgt Ion:152 Resp: 51951

Ion Ratio Lower Upper

152 100

150 158.6 131.4 197.2

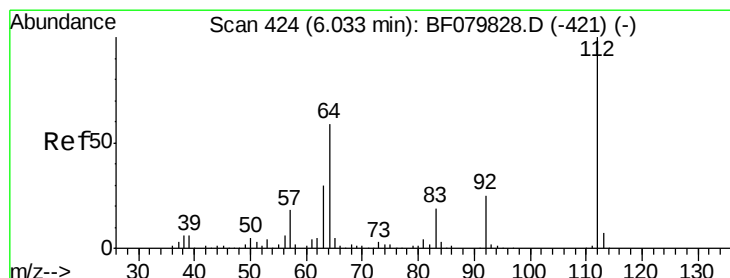
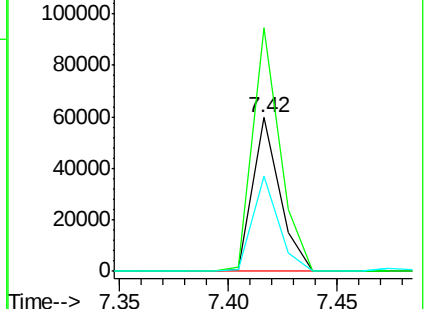
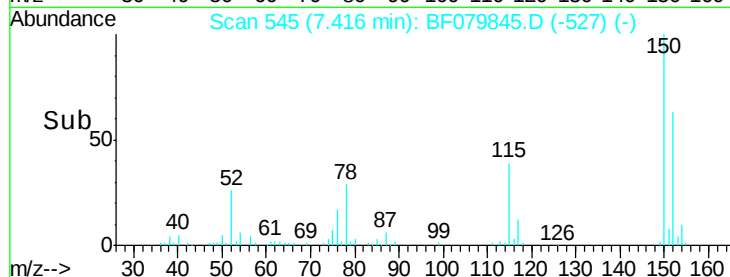
115 62.4 56.5 84.7



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: 40.53 ng

RT: 6.03 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF079845.D

Acq: 9 Jun 2015 21:39

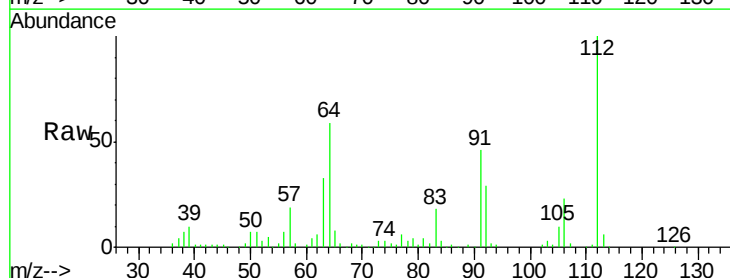
Tgt Ion:112 Resp: 127770

Ion Ratio Lower Upper

112 100

64 58.6 44.2 66.4

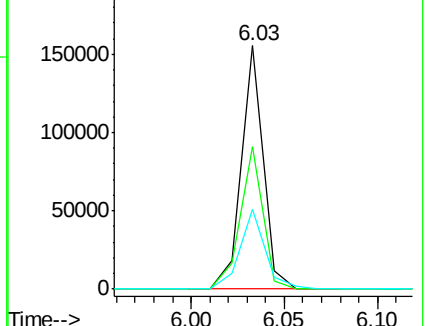
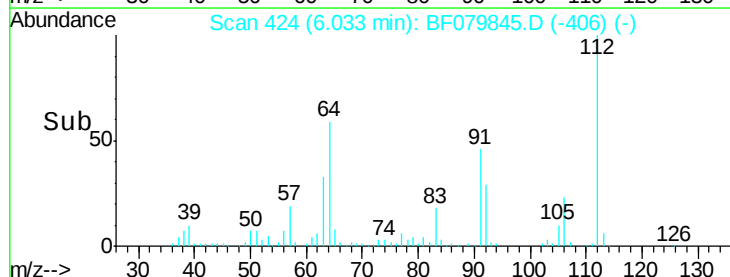
63 32.5 22.8 34.2

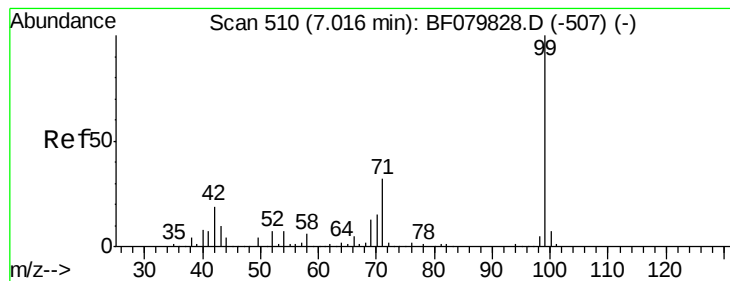


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 23.42 ng

RT: 7.02 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF079845.D

Acq: 9 Jun 2015 21:39

Instrument :

BNA_F

ClientSampleId :

Z2-0123

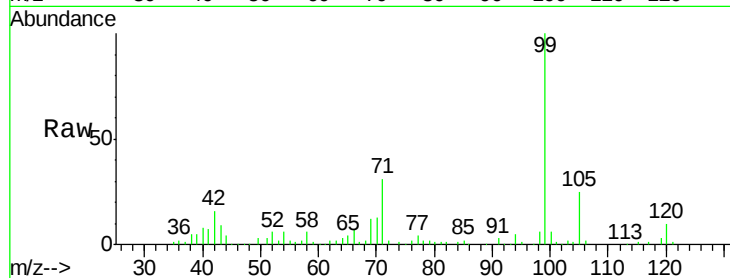
Tgt Ion: 99 Resp: 95512

Ion Ratio Lower Upper

99 100

42 16.1 13.7 20.5

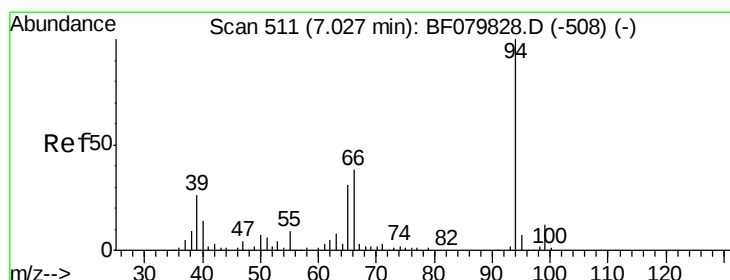
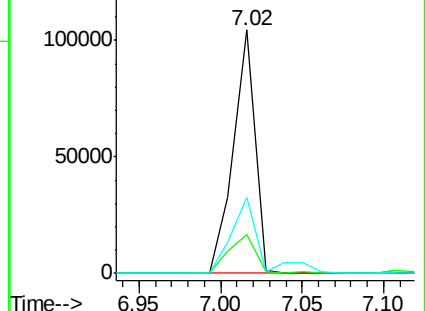
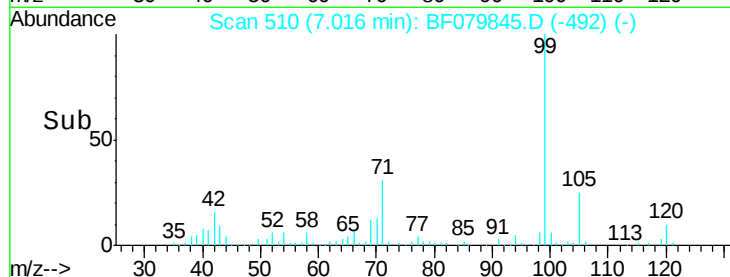
71 31.2 25.1 37.7



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



#10

Phenol

Concen: 8.48 ng

RT: 7.03 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF079845.D

Acq: 9 Jun 2015 21:39

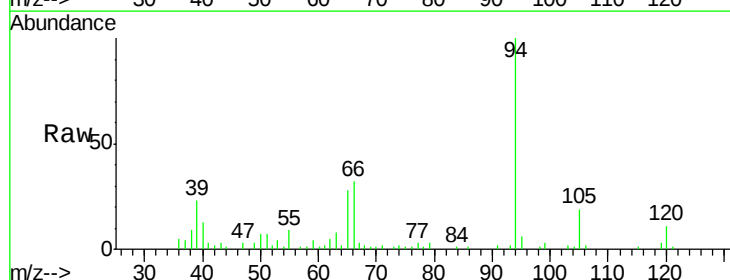
Tgt Ion: 94 Resp: 36833

Ion Ratio Lower Upper

94 100

65 27.5 8.8 48.8

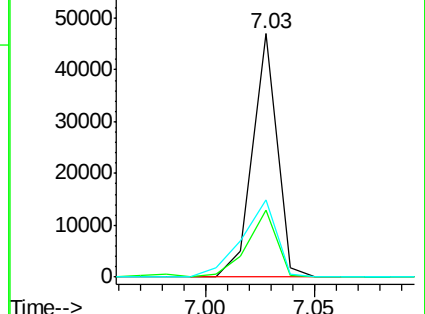
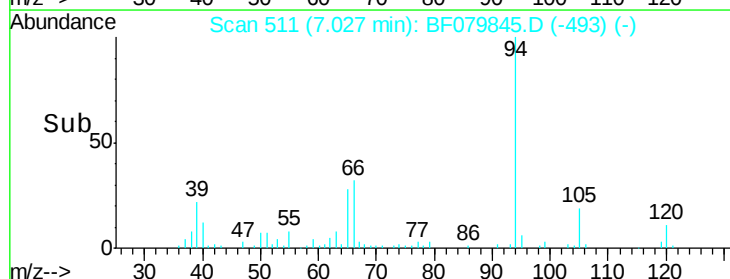
66 31.9 16.7 56.7

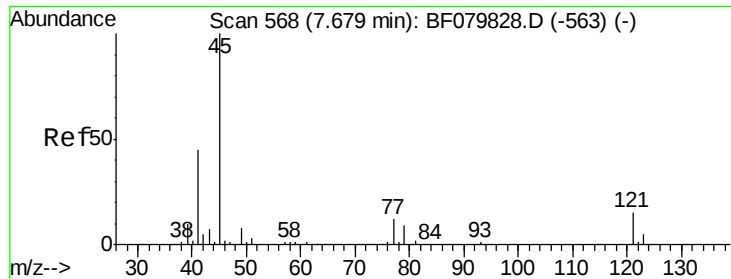


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

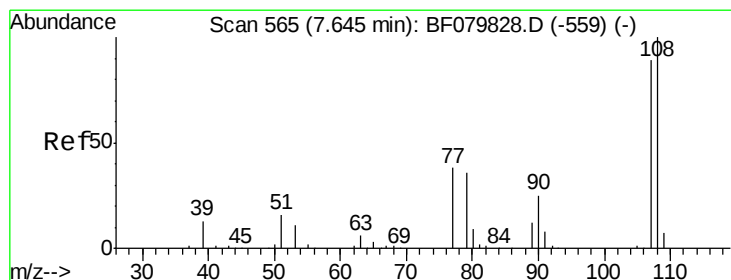
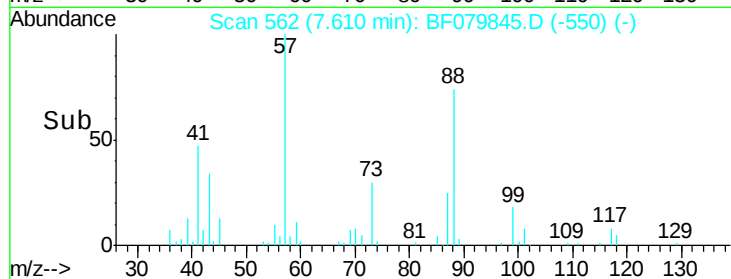
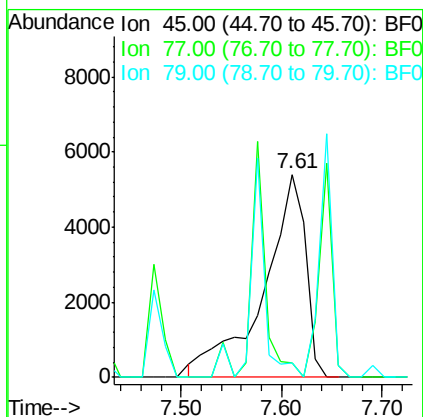
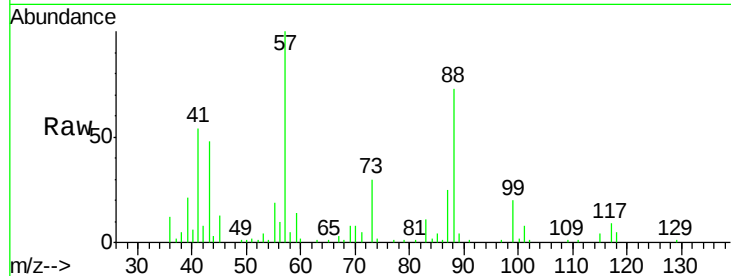




#16
2,2'-oxybis(1-Chloropropane)
Concen: 2.96 ng
RT: 7.61 min Scan# 562
Delta R.T. -0.07 min
Lab File: BF079845.D
Acq: 9 Jun 2015 21:39

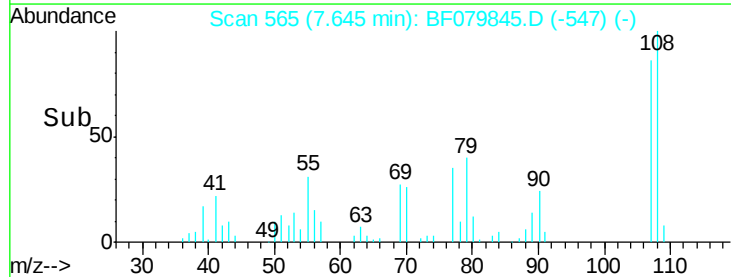
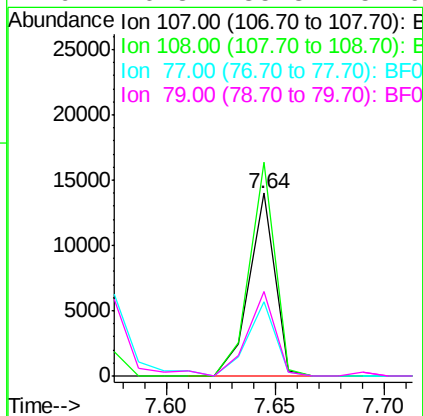
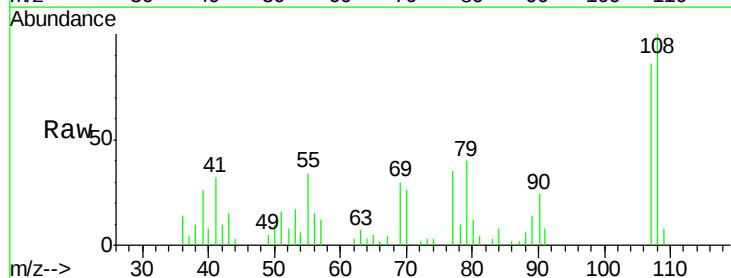
Instrument :
BNA_F
ClientSampleId :
Z2-0123

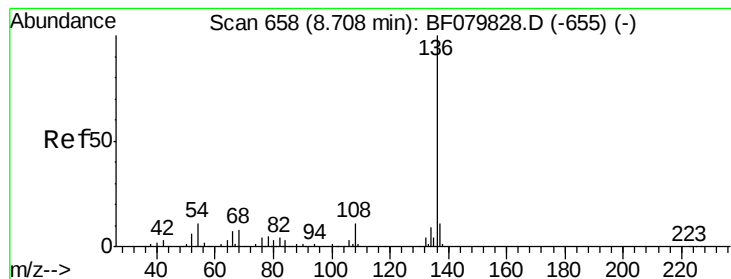
Tgt Ion: 45 Resp: 15544
Ion Ratio Lower Upper
45 100
77 6.9 0.0 33.6
79 7.2 0.0 30.2



#17
2-Methylphenol
Concen: 3.78 ng
RT: 7.64 min Scan# 565
Delta R.T. 0.00 min
Lab File: BF079845.D
Acq: 9 Jun 2015 21:39

Tgt Ion: 107 Resp: 11568
Ion Ratio Lower Upper
107 100
108 116.9 89.3 133.9
77 40.8 38.1 57.1
79 46.3 35.3 52.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.71 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF079845.D

Acq: 9 Jun 2015 21:39

Instrument :

BNA_F

ClientSampleId :

Z2-0123

Tgt Ion:136 Resp: 215350

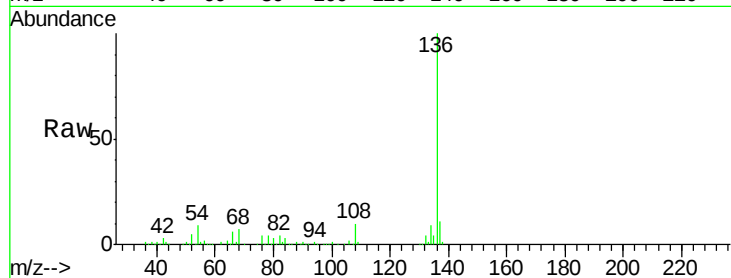
Ion Ratio Lower Upper

136 100

137 11.0 9.3 13.9

54 9.0 8.1 12.1

68 6.6 4.8 7.2

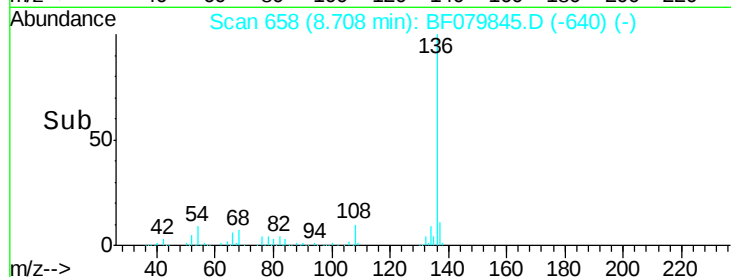


Abundance Ion 136.00 (135.70 to 136.70): E

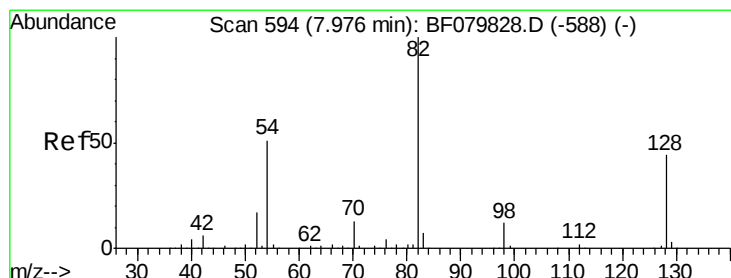
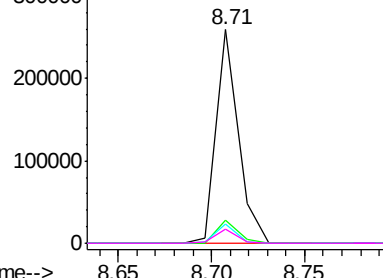
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 68.75 ng

RT: 7.98 min Scan# 594

Delta R.T. 0.00 min

Lab File: BF079845.D

Acq: 9 Jun 2015 21:39

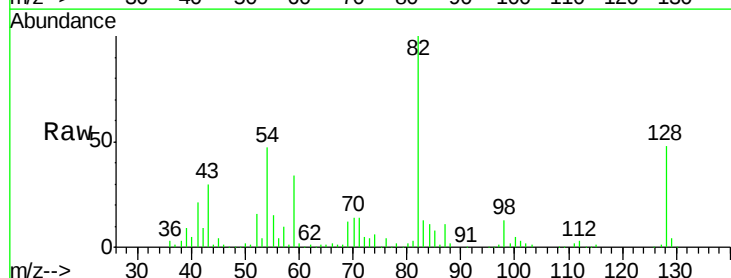
Tgt Ion: 82 Resp: 256297

Ion Ratio Lower Upper

82 100

128 48.5 35.2 52.8

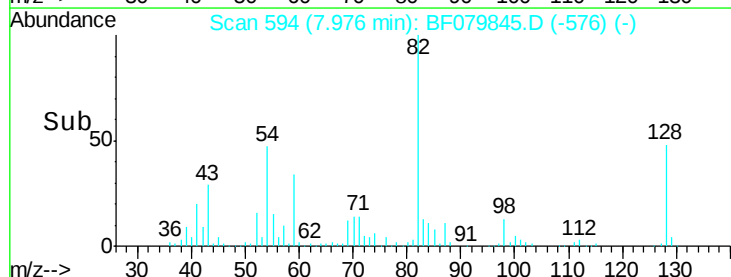
54 47.2 39.2 58.8



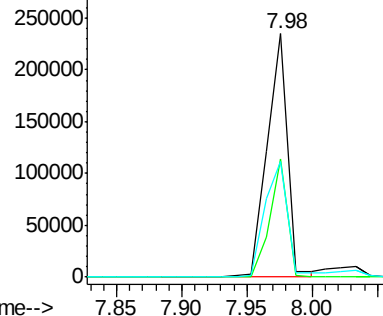
Abundance Ion 82.00 (81.70 to 82.70): BF0

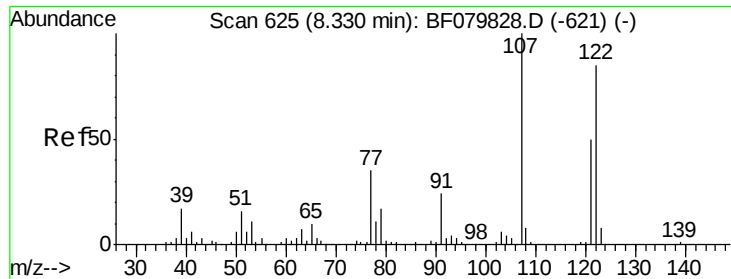
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->

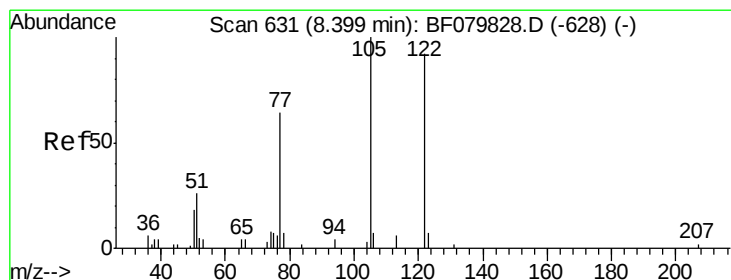
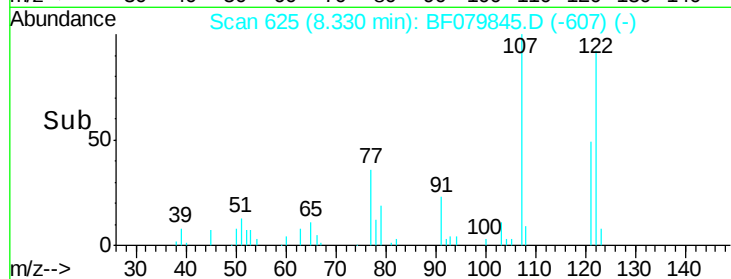
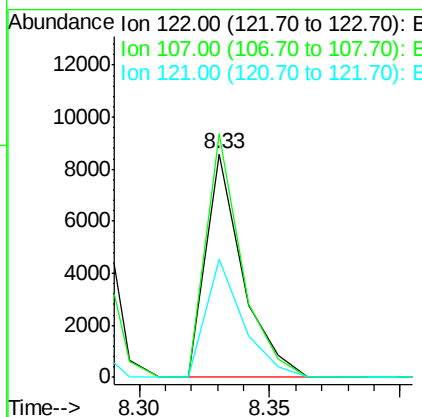
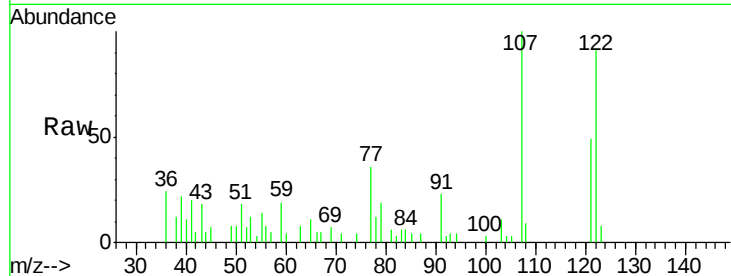




#27
2,4-Dimethylphenol
Concen: 2.38 ng
RT: 8.33 min Scan# 625
Delta R.T. 0.00 min
Lab File: BF079845.D
Acq: 9 Jun 2015 21:39

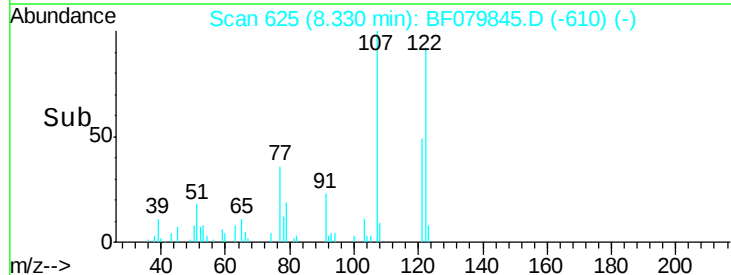
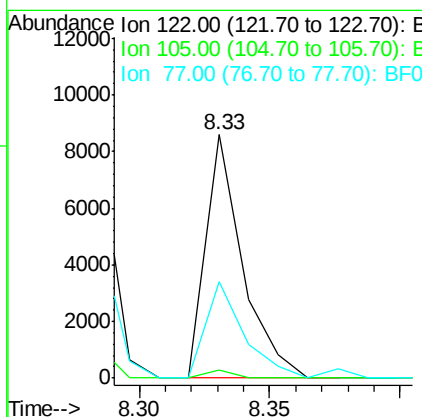
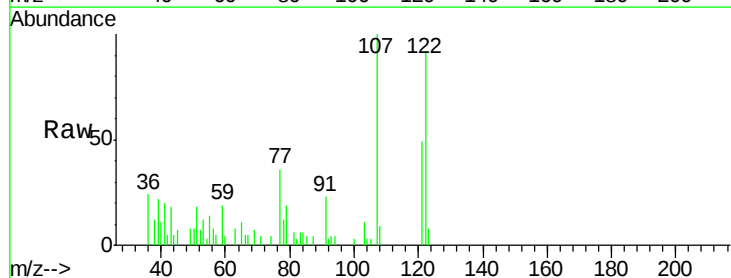
Instrument :
BNA_F
ClientSampled :
Z2-0123

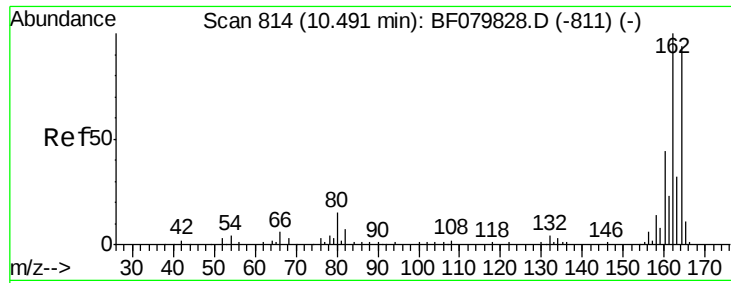
Tgt Ion:122 Resp: 8356
Ion Ratio Lower Upper
122 100
107 108.8 95.3 142.9
121 53.0 46.4 69.6



#32
Benzoic acid
Concen: 14.67 ng
RT: 8.33 min Scan# 625
Delta R.T. -0.03 min
Lab File: BF079845.D
Acq: 9 Jun 2015 21:39

Tgt Ion:122 Resp: 8356
Ion Ratio Lower Upper
122 100
105 3.6 106.2 146.2#
77 39.4 81.6 121.6#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.48 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF079845.D

Acq: 9 Jun 2015 21:39

Instrument :

BNA_F

ClientSampleId :

Z2-0123

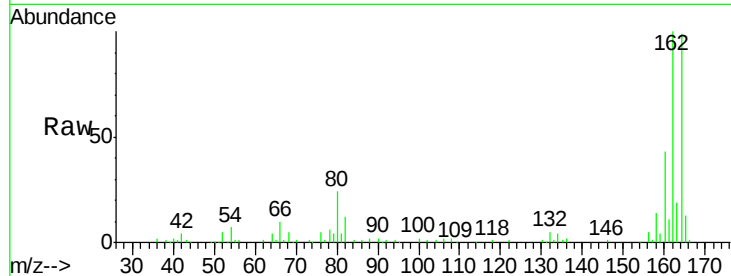
Tgt Ion:164 Resp: 107391

Ion Ratio Lower Upper

164 100

162 100.7 89.8 134.8

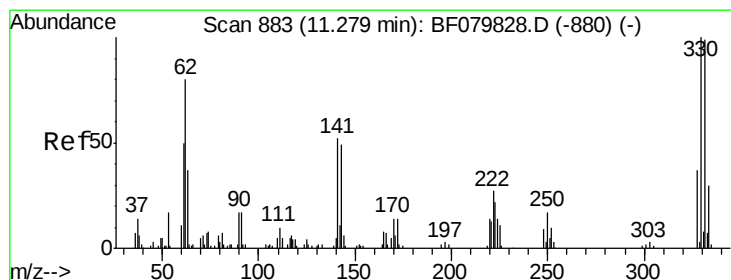
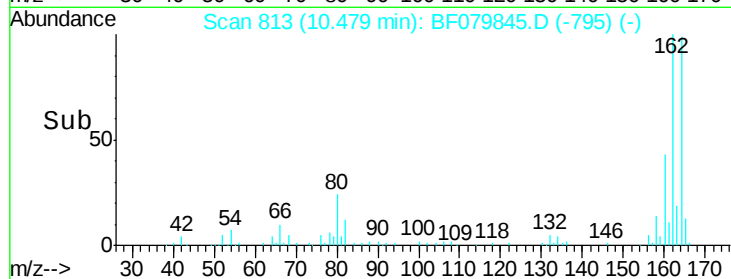
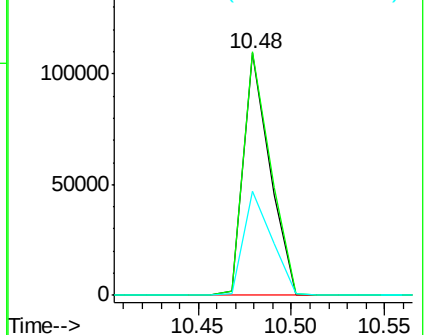
160 43.2 39.6 59.4



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: 115.69 ng

RT: 11.28 min Scan# 883

Delta R.T. 0.00 min

Lab File: BF079845.D

Acq: 9 Jun 2015 21:39

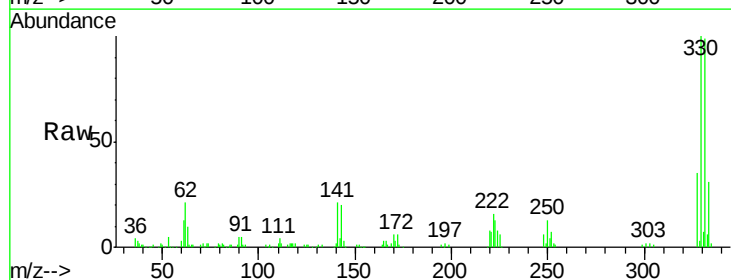
Tgt Ion:330 Resp: 107522

Ion Ratio Lower Upper

330 100

332 97.4 76.8 115.2

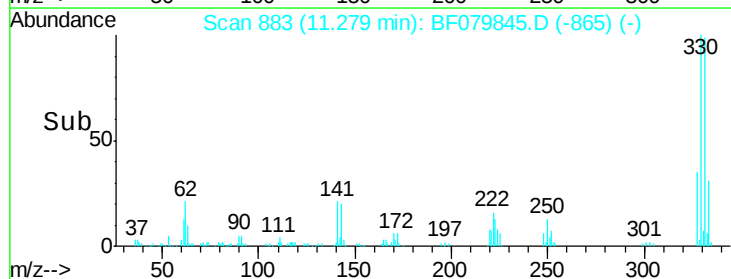
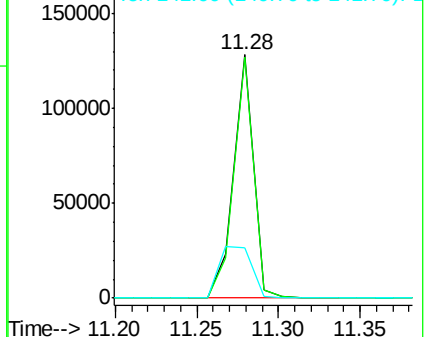
141 34.6 29.1 43.7

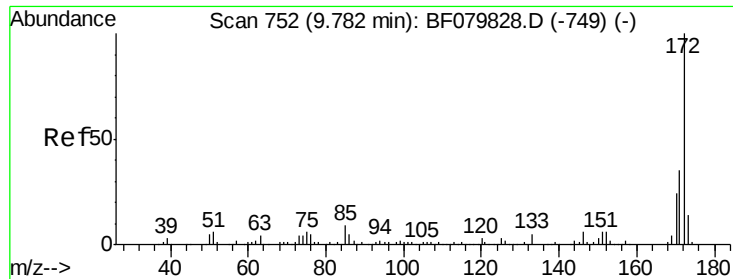


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

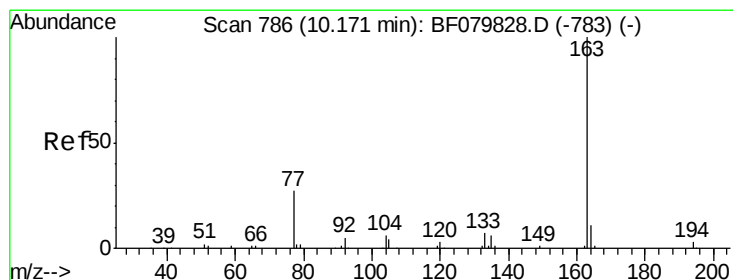
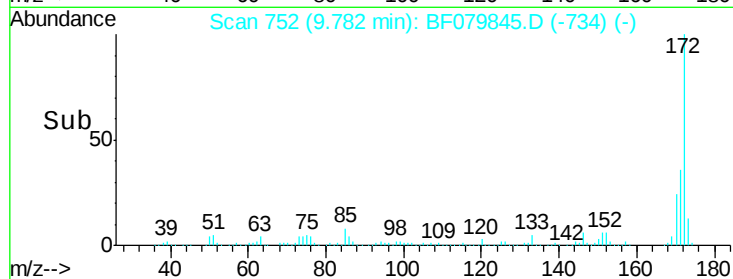
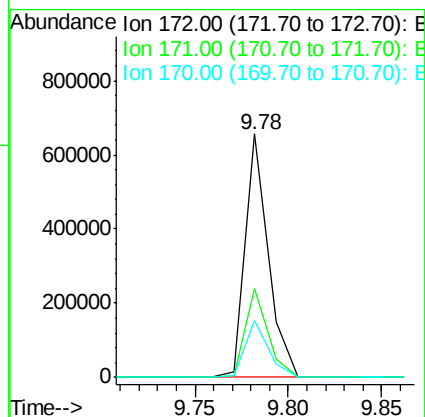
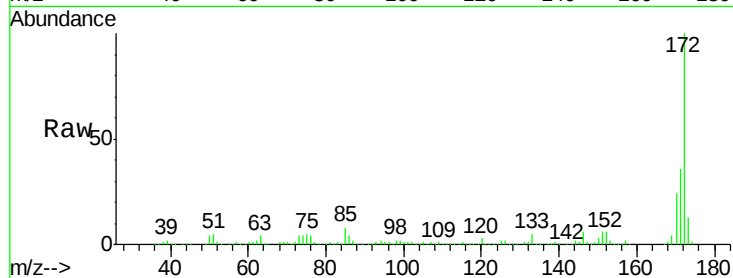




#44
 2-Fluorobiphenyl
 Concen: 74.05 ng
 RT: 9.78 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF079845.D
 Acq: 9 Jun 2015 21:39

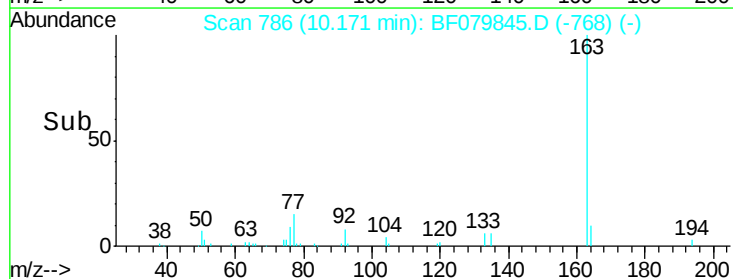
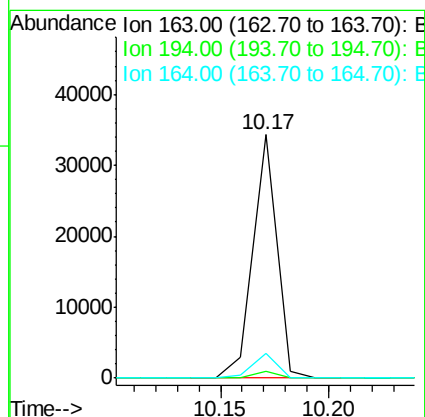
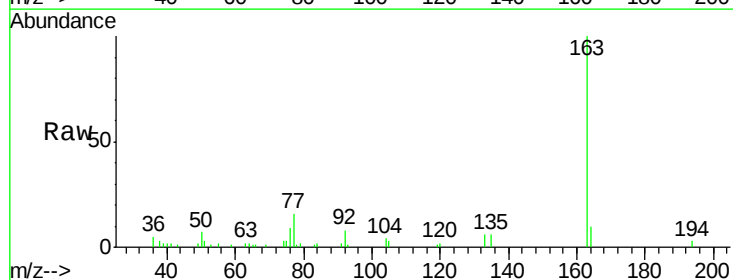
Instrument :
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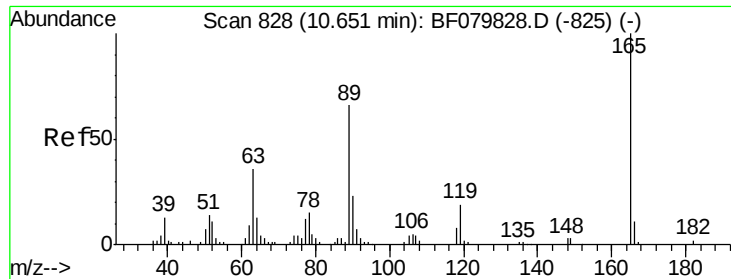
Tgt Ion:172 Resp: 565392
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.5 42.7
 170 23.6 18.8 28.2



#49
 Dimethylphthalate
 Concen: 3.13 ng
 RT: 10.17 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF079845.D
 Acq: 9 Jun 2015 21:39

Tgt Ion:163 Resp: 26182
 Ion Ratio Lower Upper
 163 100
 194 2.7 2.7 4.1#
 164 10.2 7.9 11.9

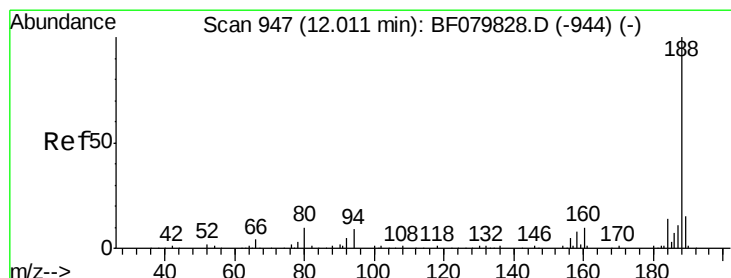
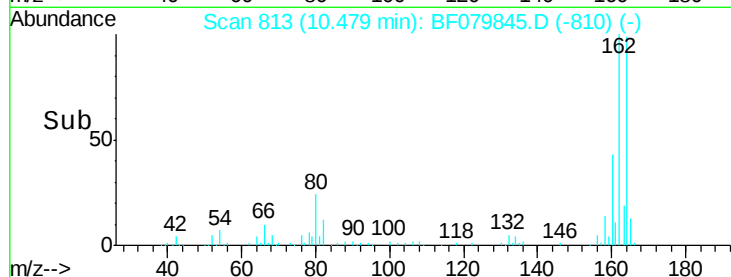
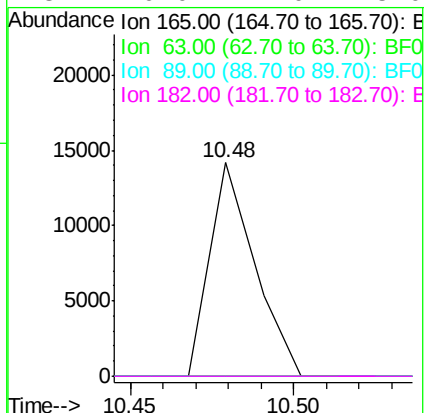
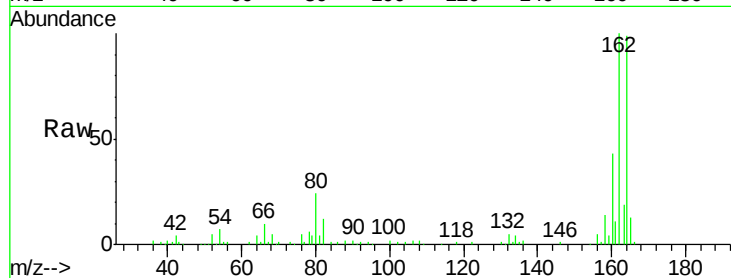




#56
 2,4-Dinitrotoluene
 Concen: 12.26 ng
 RT: 10.48 min Scan# 813
 Delta R.T. -0.17 min
 Lab File: BF079845.D
 Acq: 9 Jun 2015 21:39

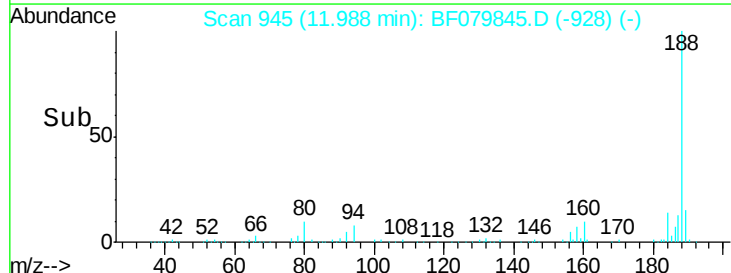
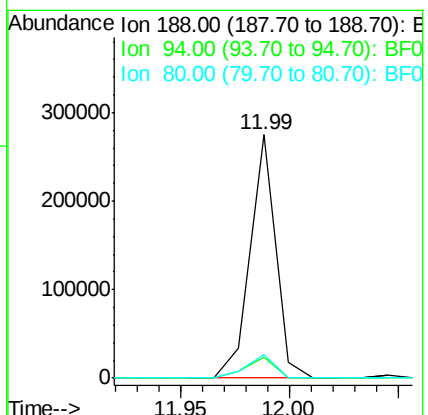
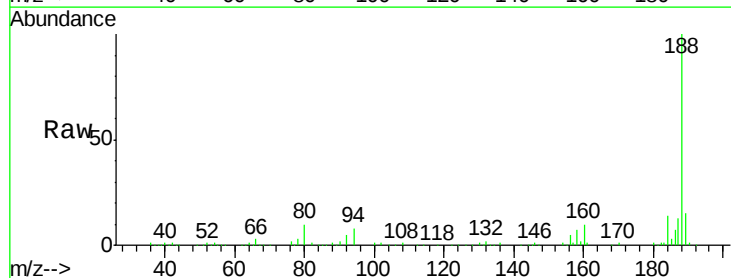
Instrument :
 BNA_F
 ClientSampleId :
 Z2-0123

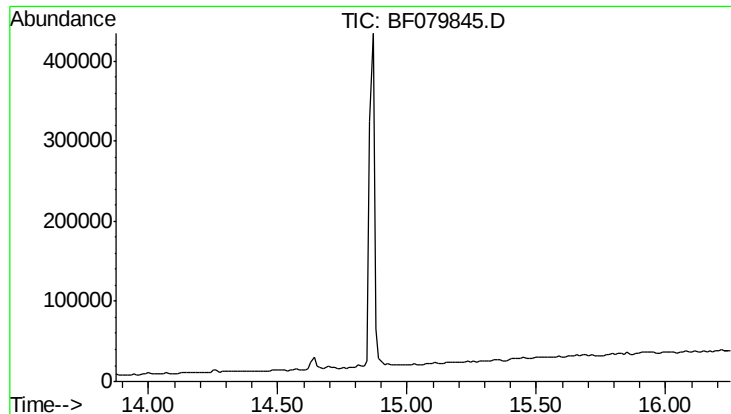
Tgt Ion:	165	Resp:	13411
Ion	Ratio	Lower	Upper
165	100		
63	0.0	24.4	36.6#
89	0.0	45.3	67.9#
182	0.0	2.0	3.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.99 min Scan# 945
 Delta R.T. -0.01 min
 Lab File: BF079845.D
 Acq: 9 Jun 2015 21:39

Tgt Ion:	188	Resp:	225662
Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.4	11.0
80	9.8	8.0	12.0





#75

Chrysene-d12

Concen: 0.00 ng

Expected RT: 15.06 min

Lab File: BF079845.D

Acq: 9 Jun 2015 21:39

Instrument :

BNA_F

ClientSampleId :

Z2-0123

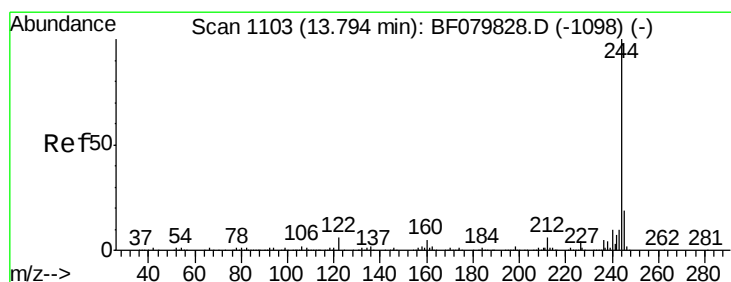
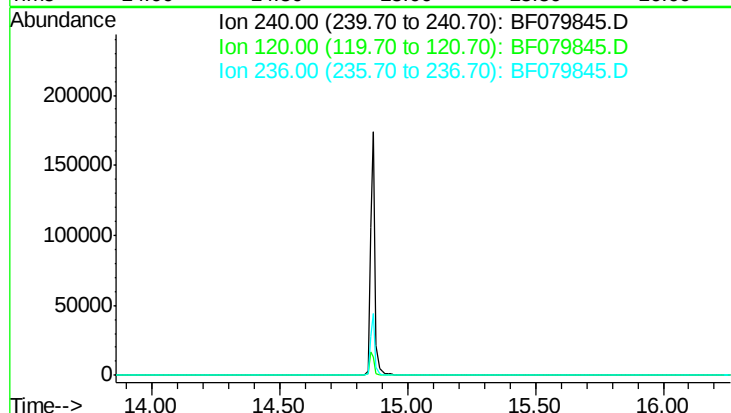
Tgt Ion: 240

Sig Exp Ratio

240 100

120 8.2

236 25.3



#78

Terphenyl-d14

Concen: 0.00 ng

RT: 13.63 min Scan# 1089

Delta R.T. -0.10 min

Lab File: BF079845.D

Acq: 9 Jun 2015 21:39

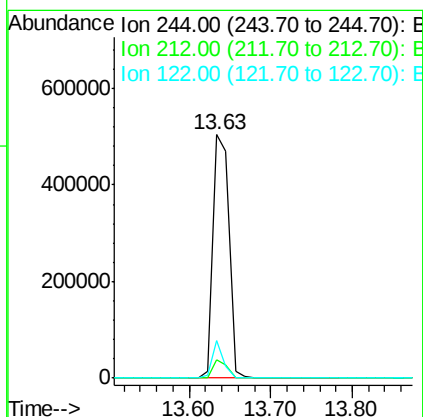
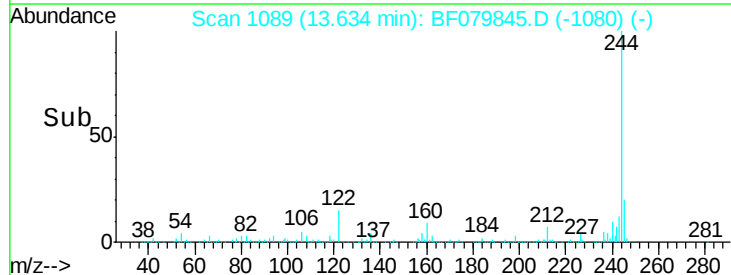
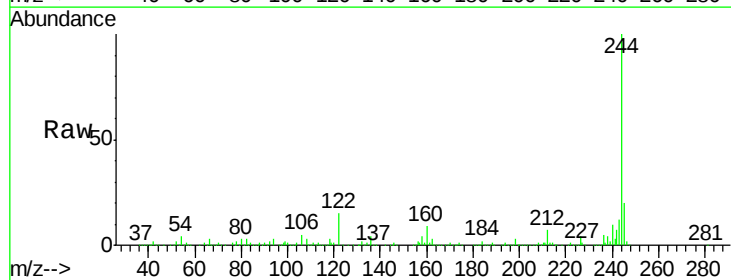
Tgt Ion: 244 Resp: 692186

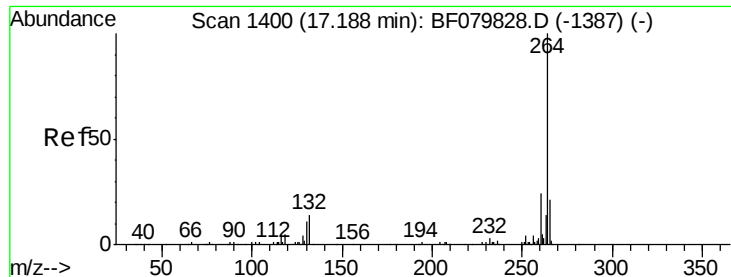
Ion Ratio Lower Upper

244 100

212 7.4 5.6 8.4

122 15.3 8.2 12.2#

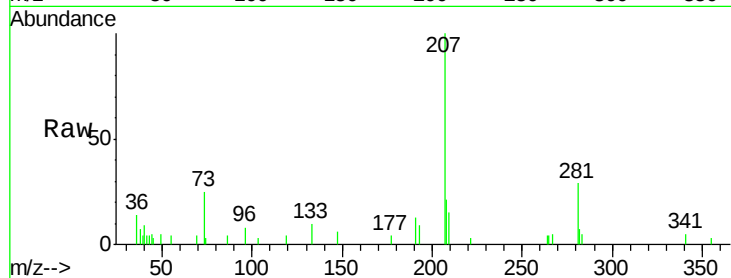




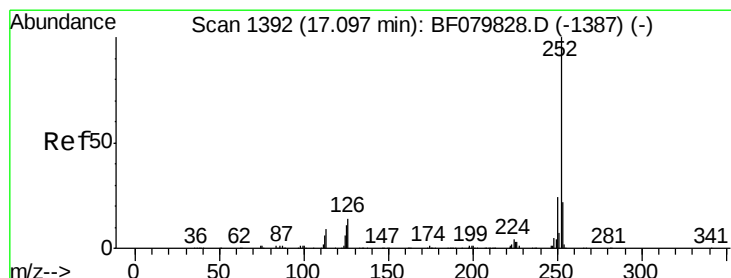
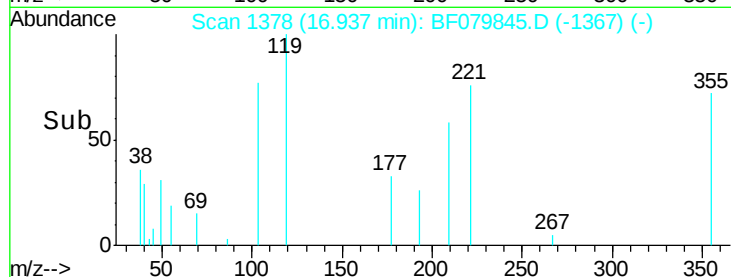
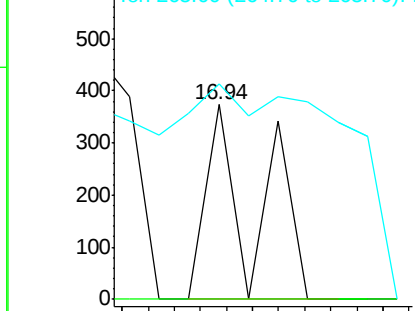
#86
Perylene-d12
Concen: 20.00 ng
RT: 16.94 min Scan# 1378
Delta R.T. -0.08 min
Lab File: BF079845.D
Acq: 9 Jun 2015 21:39

Instrument :
BNA_F
ClientSampleId :
Z2-0123

Tgt Ion: 264 Resp: 490
Ion Ratio Lower Upper
264 100
260 0.0 19.5 29.3#
265 110.7 18.0 27.0#

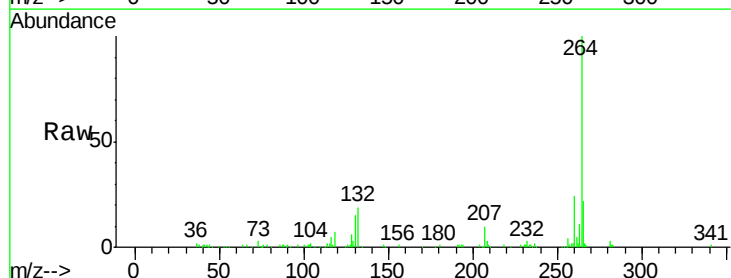


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#89
Benzo(a)pyrene
Concen: 10.16 ng
RT: 16.72 min Scan# 1359
Delta R.T. -0.21 min
Lab File: BF079845.D
Acq: 9 Jun 2015 21:39

Tgt Ion: 252 Resp: 280
Ion Ratio Lower Upper
252 100
253 0.0 17.8 26.8#
125 0.0 8.6 13.0#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

