

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052215\
 Data File : BF079460.D
 Acq On : 23 May 2015 6:57
 Operator : TP/IZ
 Sample : G2255-10DL 10X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KY032MW006-150512

Quant Time: May 25 06:59:45 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 25 06:56:43 2015
 Response via : Initial Calibration

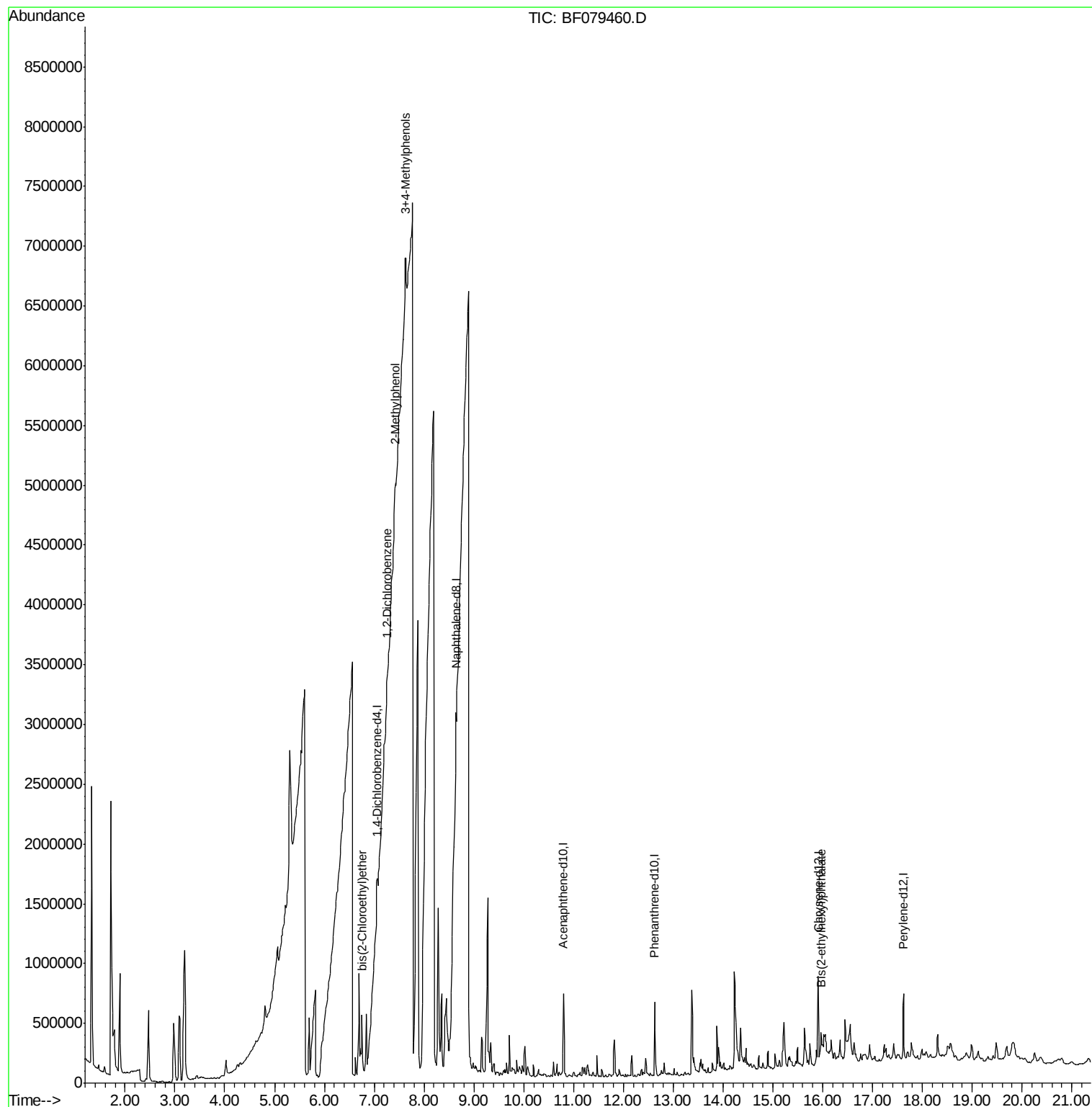
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.05	152	63254	20.00	ng	0.00
21) Naphthalene-d8	8.64	136	260119	20.00	ng	0.01
38) Acenaphthene-d10	10.80	164	139065	20.00	ng	0.00
63) Phenanthrene-d10	12.63	188	268533	20.00	ng	0.00
75) Chrysene-d12	15.91	240	269125	20.00	ng	0.00
86) Perylene-d12	17.62	264	280033	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	7.76	82	1386	0.31	ng	0.01
41) 2,4,6-Tribromophenol	11.78	330	1106	0.74	ng	0.00
44) 2-Fluorobiphenyl	9.99	172	9389	0.94	ng	0.01
78) Terphenyl-d14	14.63	244	10900	0.97	ng	0.00
Target Compounds						
11) bis(2-Chloroethyl)ether	6.75	93	164779	39.89	ng	Qvalue 92
14) 1,2-Dichlorobenzene	7.26	146	27893	6.21	ng	97
17) 2-Methylphenol	7.42	107	67244	20.05	ng	97
20) 3+4-Methylphenols	7.62	107	338973	75.85	ng	# 45
83) Bis(2-ethylhexyl)phthalate	15.97	149	26780	2.61	ng	99

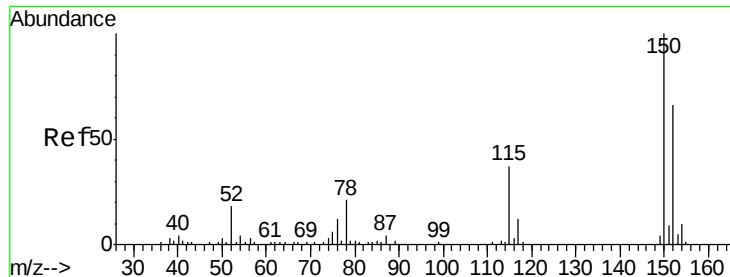
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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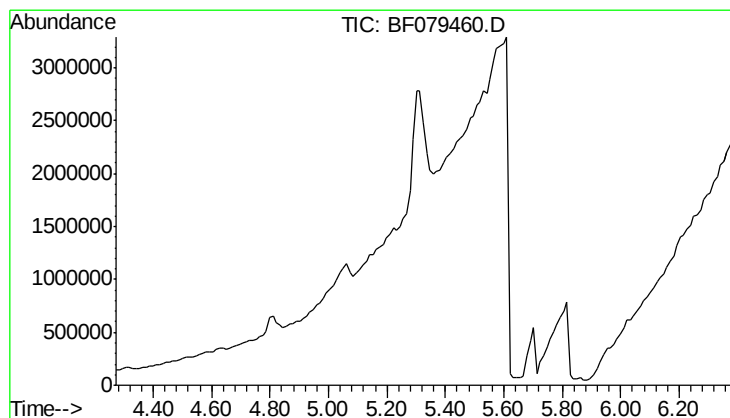
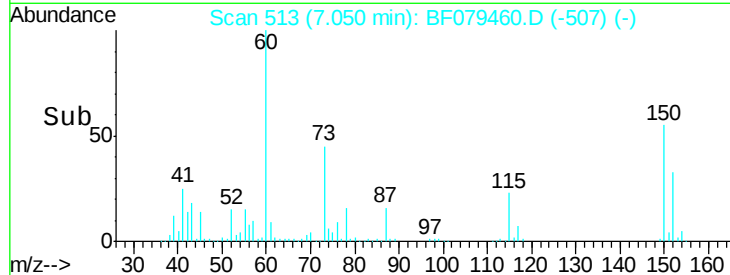
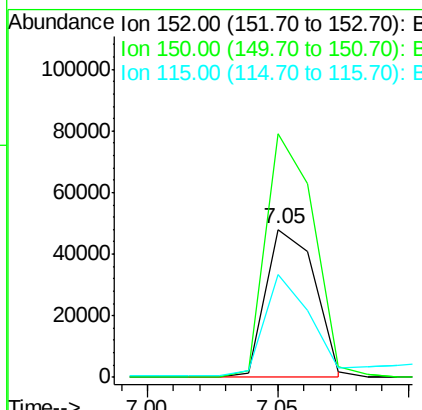
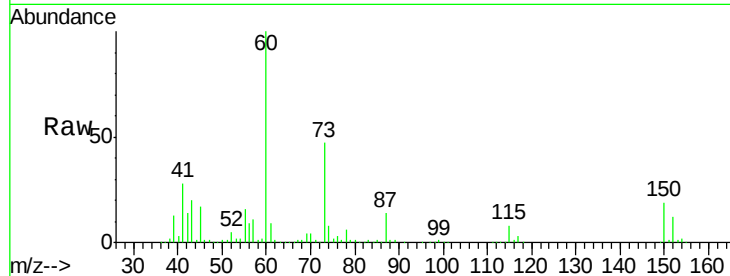




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.05 min Scan# 513
 Delta R.T. -0.00 min
 Lab File: BF079460.D
 Acq: 23 May 2015 6:57

Instrument :
 BNA_F
 ClientSampleId :
 KY032MW006-150512

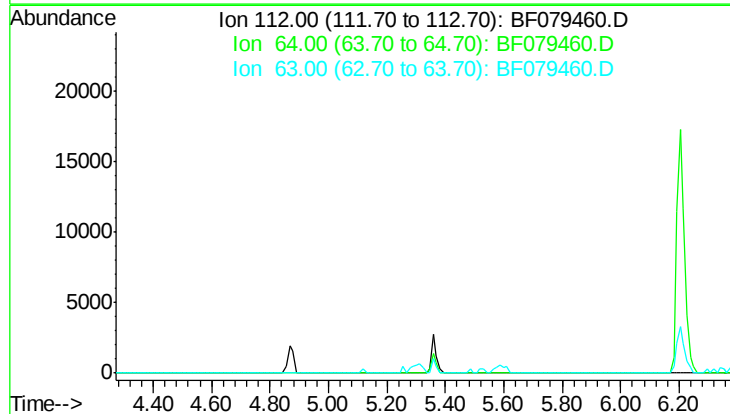
Tgt Ion	Resp	Lower	Upper
152	100		
150	164.6	123.8	185.8
115	69.3	49.4	74.0

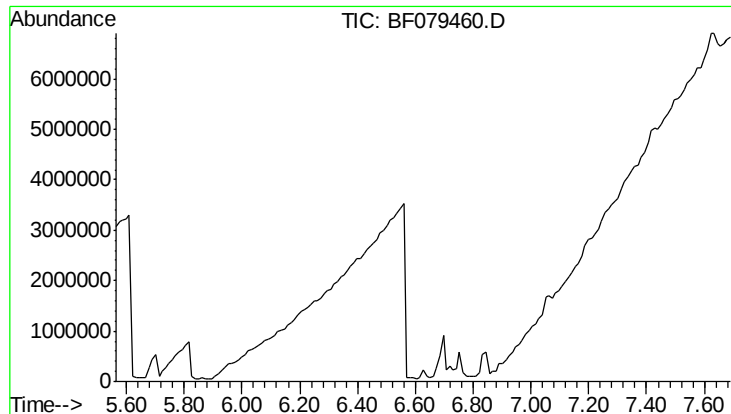


#5
 2-Fluorophenol
 Concen: 0.00 ng
 Expected RT: 5.32 min

Lab File: BF079460.D
 Acq: 23 May 2015 6:57

Tgt Ion	Exp Ratio
112	100
64	55.2
63	28.4





#7

Phenol-d6

Concen: 0.00 ng

Expected RT: 6.63 min

Lab File: BF079460.D

Acq: 23 May 2015 6:57

Instrument :

BNA_F

ClientSampleId :

KY032MW006-150512

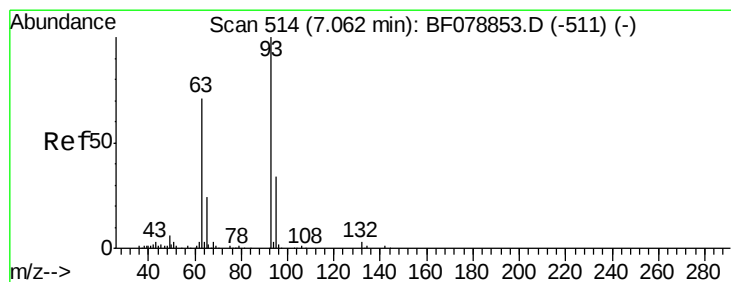
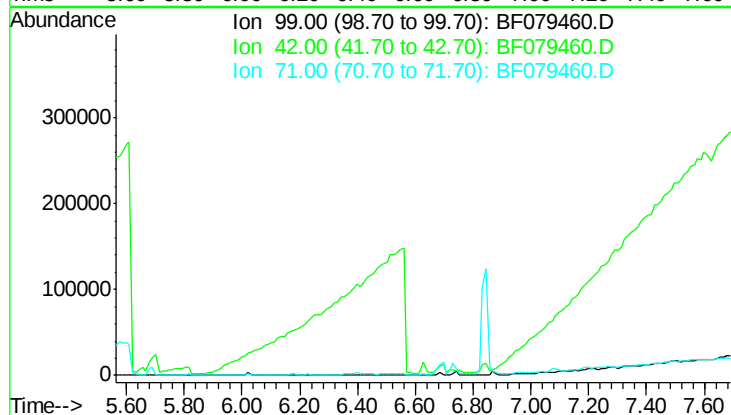
Tgt Ion: 99

Sig Exp Ratio

99 100

42 21.4

71 32.9



#11

bis(2-Chloroethyl)ether

Concen: 39.89 ng

RT: 6.75 min Scan# 487

Delta R.T. 0.01 min

Lab File: BF079460.D

Acq: 23 May 2015 6:57

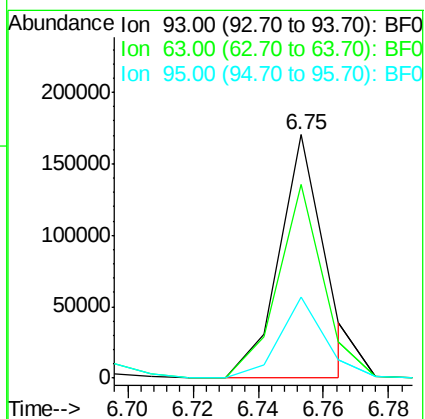
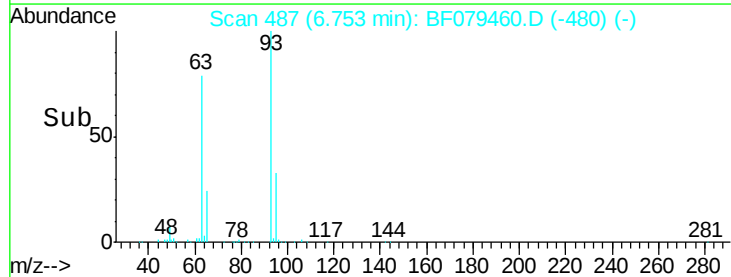
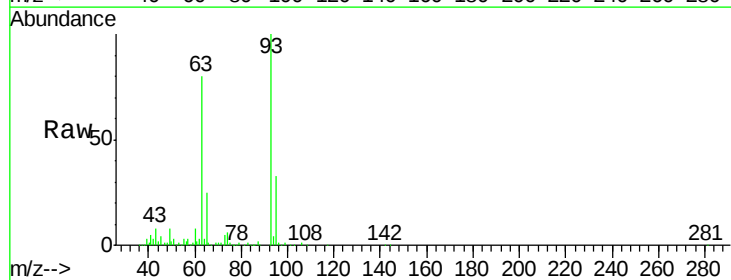
Tgt Ion: 93 Resp: 164779

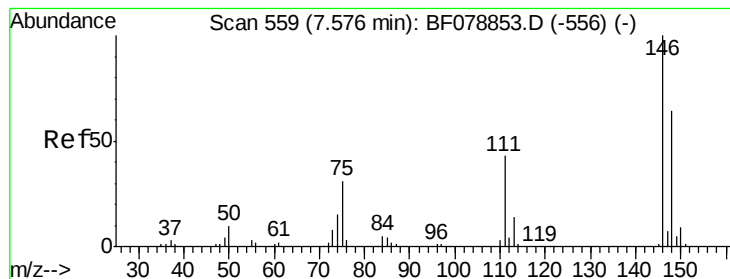
Ion Ratio Lower Upper

93 100

63 79.6 50.8 90.8

95 33.2 13.9 53.9





#14

1,2-Dichlorobenzene

Concen: 6.21 ng

RT: 7.26 min Scan# 531

Delta R.T. -0.00 min

Lab File: BF079460.D

Acq: 23 May 2015 6:57

Instrument :

BNA_F

ClientSampleId :

KY032MW006-150512

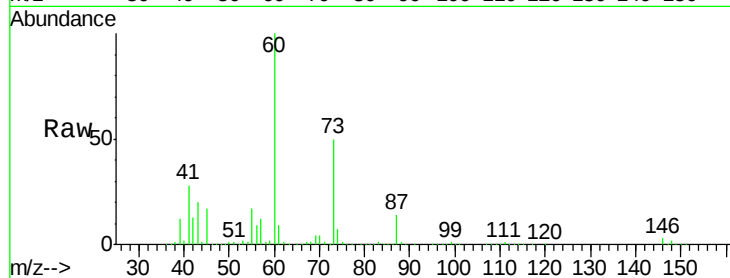
Tgt Ion:146 Resp: 27893

Ion Ratio Lower Upper

146 100

148 65.7 51.1 76.7

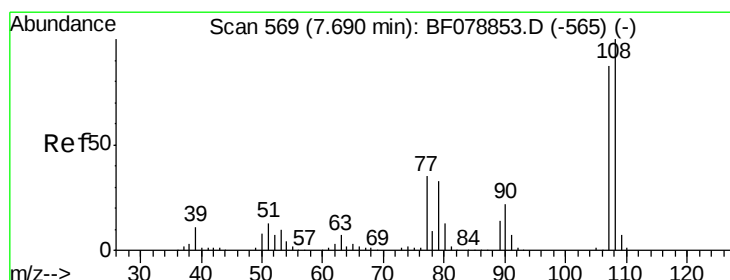
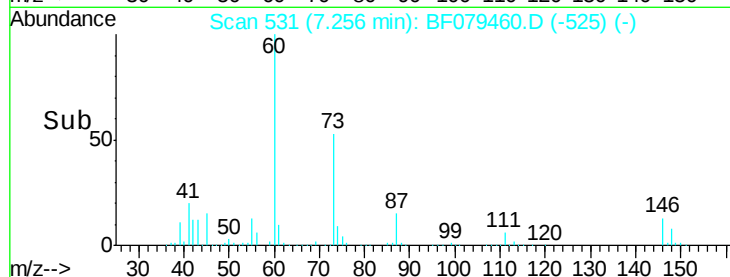
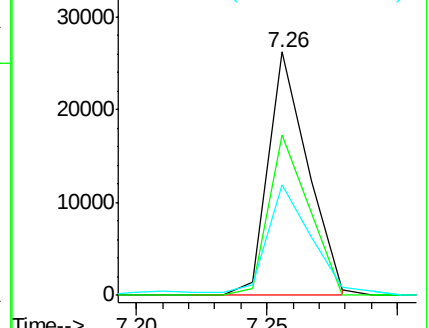
111 45.4 34.6 52.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#17

2-Methylphenol

Concen: 20.05 ng

RT: 7.42 min Scan# 545

Delta R.T. 0.02 min

Lab File: BF079460.D

Acq: 23 May 2015 6:57

Tgt Ion:107 Resp: 67244

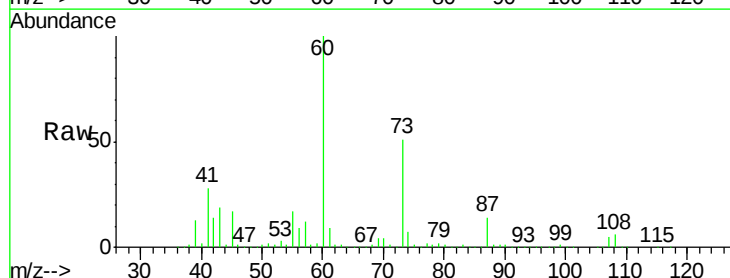
Ion Ratio Lower Upper

107 100

108 114.1 92.4 138.6

77 43.1 32.6 49.0

79 43.9 30.9 46.3

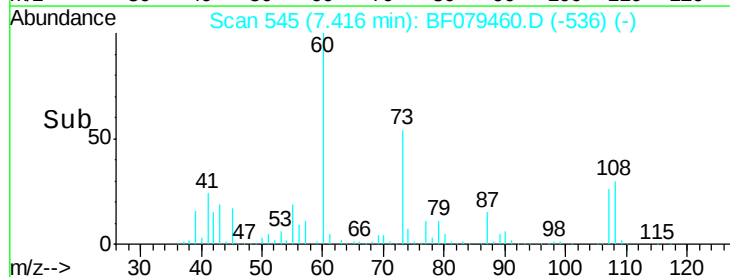
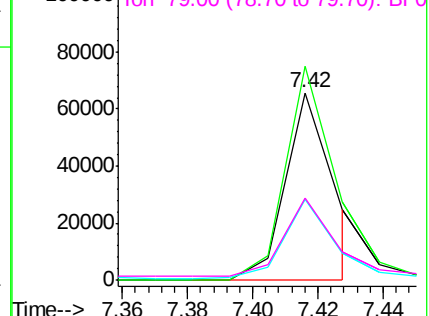


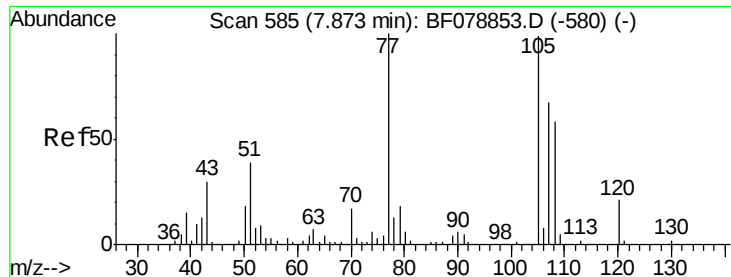
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#20

3+4-Methylphenols

Concen: 75.85 ng

RT: 7.62 min Scan# 563

Delta R.T. 0.02 min

Lab File: BF079460.D

Acq: 23 May 2015 6:57

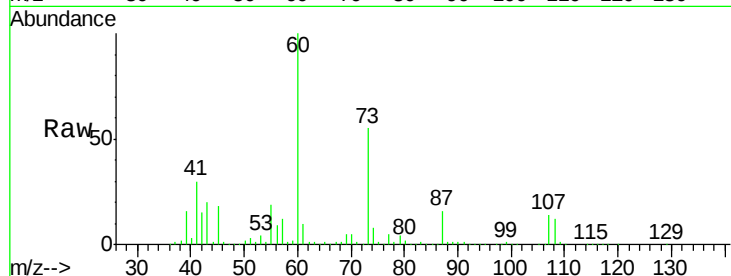
Instrument :

BNA_F

ClientSampleId :

KY032MW006-150512

Tgt Ion:	107	Resp:	338973
Ion	Ratio	Lower	Upper
107	100		
108	90.5	66.5	106.5
77	33.4	130.6	170.6#
79	29.6	6.4	46.4

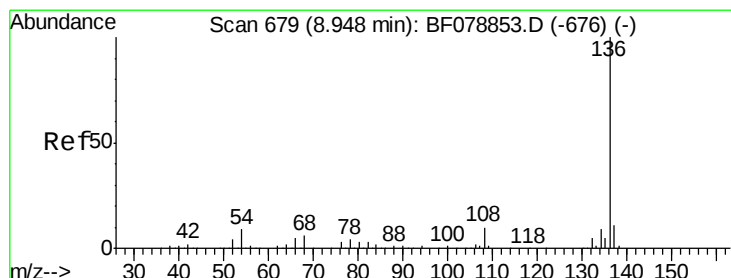
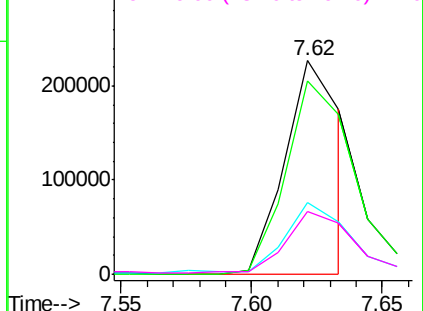
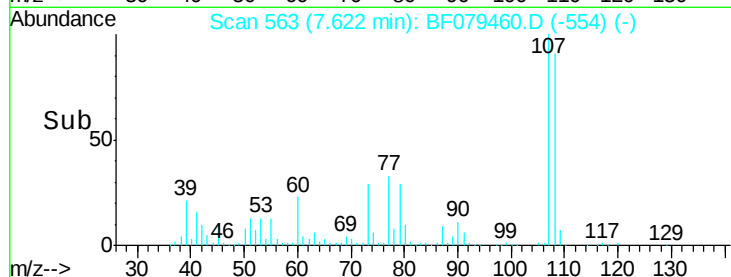


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

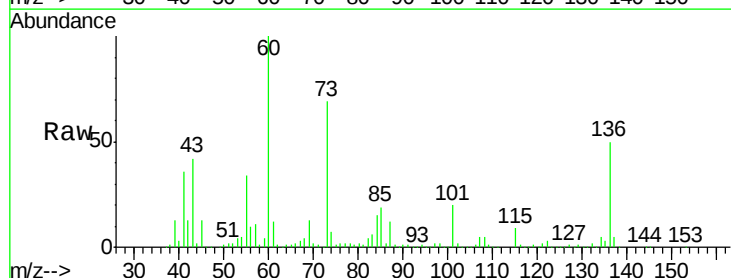
RT: 8.64 min Scan# 652

Delta R.T. 0.01 min

Lab File: BF079460.D

Acq: 23 May 2015 6:57

Tgt Ion:	136	Resp:	260119
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	9.5	6.9	10.3
68	7.3	4.9	7.3

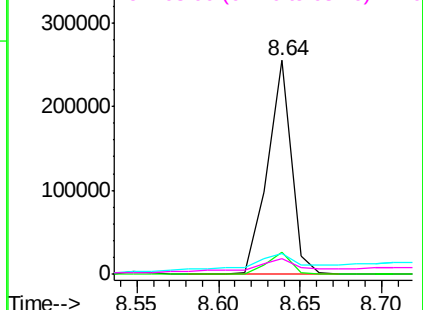
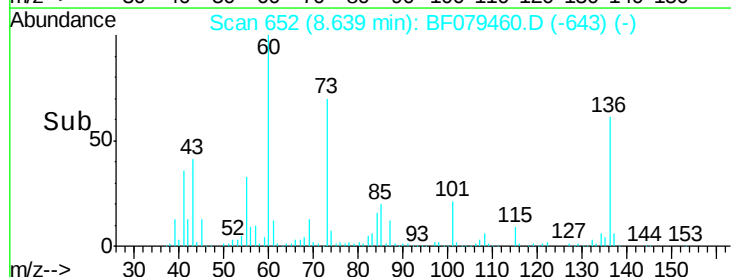


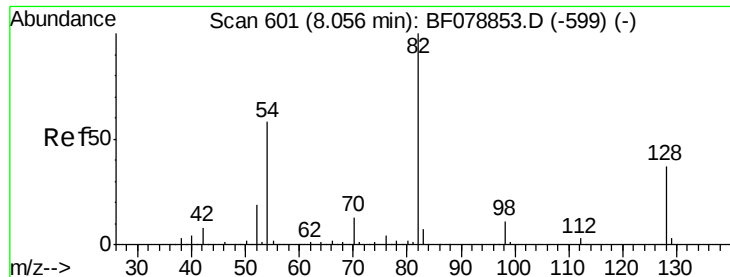
Abundance Ion 136.00 (135.70 to 136.70): E

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

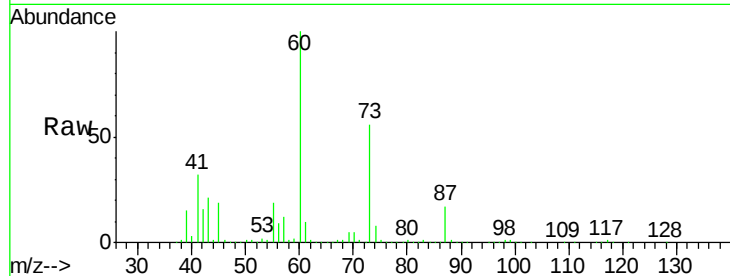




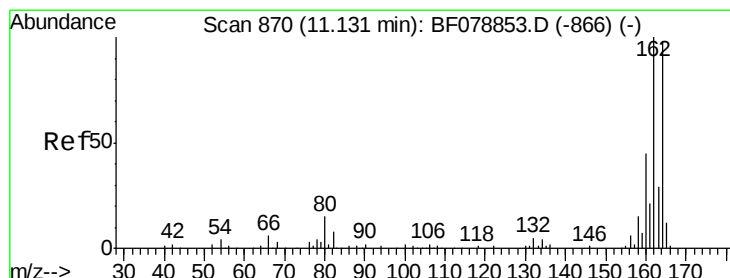
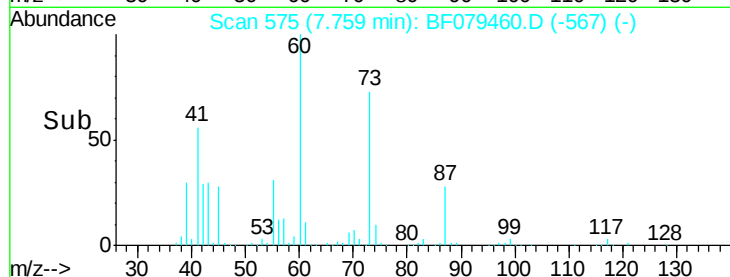
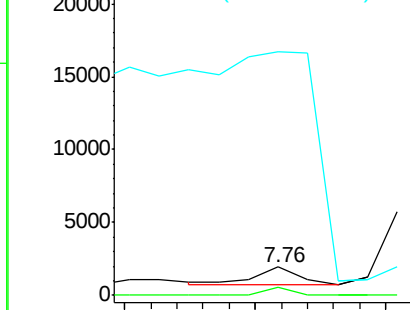
#23
Nitrobenzene-d5
Concen: 0.31 ng
RT: 7.76 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF079460.D
Acq: 23 May 2015 6:57

Instrument :
BNA_F
ClientSampleId :
KY032MW006-150512

Tgt Ion: 82 Resp: 1386
Ion Ratio Lower Upper
82 100
128 26.6 29.7 44.5#
54 856.2 46.2 69.4#

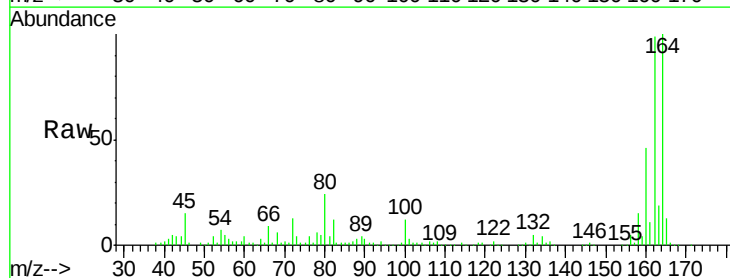


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

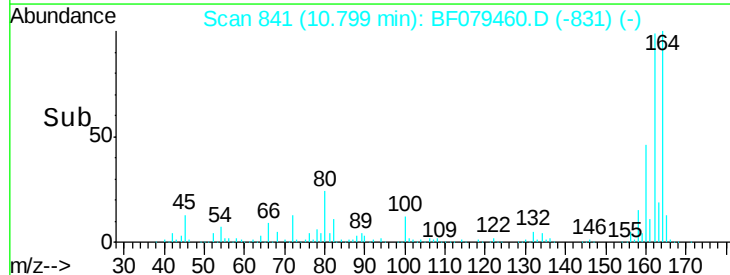
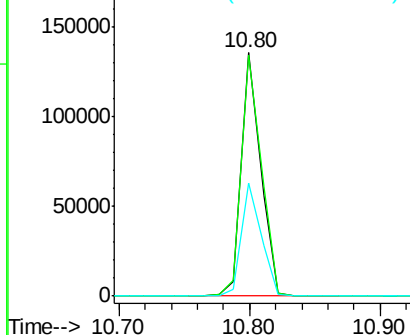


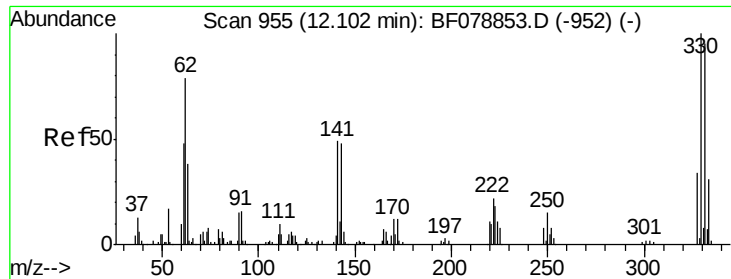
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.80 min Scan# 841
Delta R.T. -0.00 min
Lab File: BF079460.D
Acq: 23 May 2015 6:57

Tgt Ion: 164 Resp: 139065
Ion Ratio Lower Upper
164 100
162 99.1 81.4 122.0
160 46.5 36.6 54.8



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

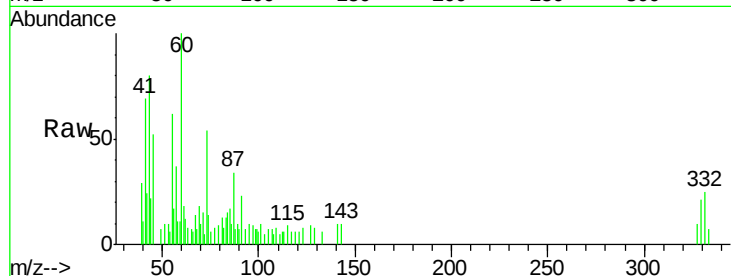




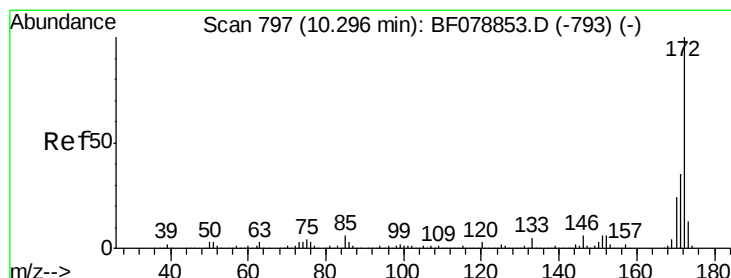
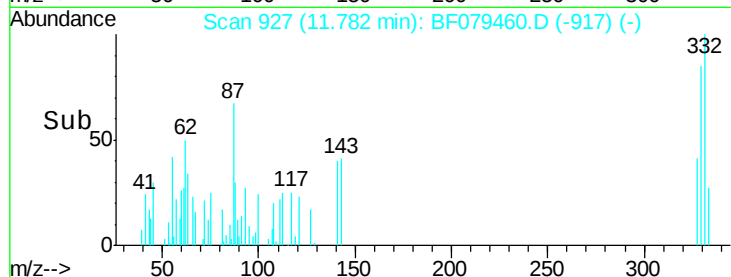
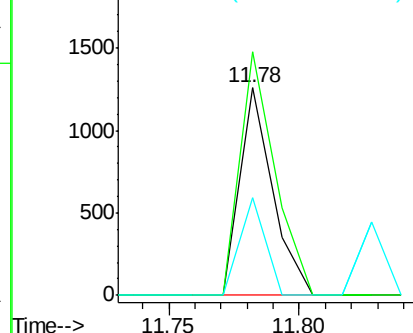
#41
 2,4,6-Tribromophenol
 Concen: 0.74 ng
 RT: 11.78 min Scan# 927
 Delta R.T. -0.00 min
 Lab File: BF079460.D
 Acq: 23 May 2015 6:57

Instrument :
 BNA_F
 ClientSampleId :
 KY032MW006-150512

Tgt Ion: 330 Resp: 1106
 Ion Ratio Lower Upper
 330 100
 332 124.5 76.9 115.3#
 141 36.9 27.8 41.8

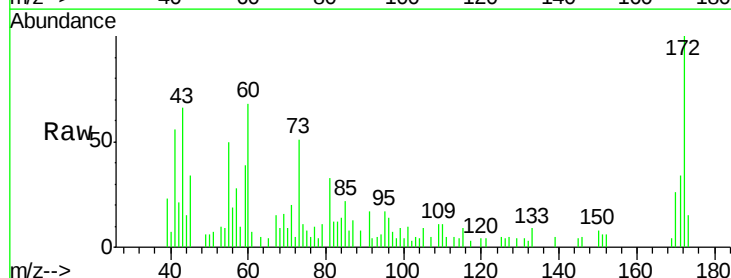


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

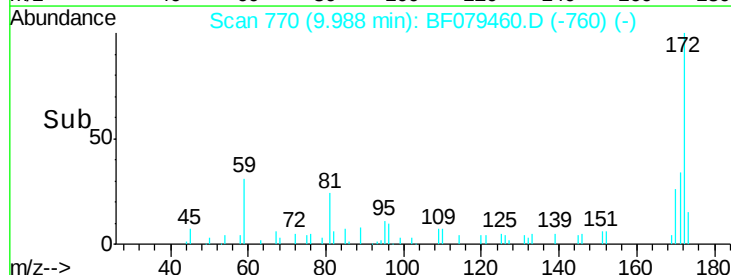
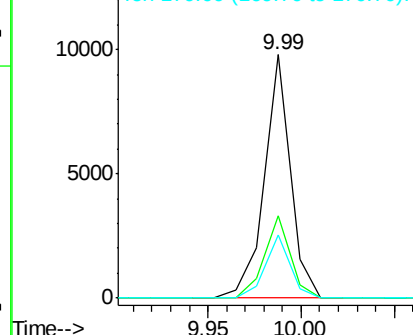


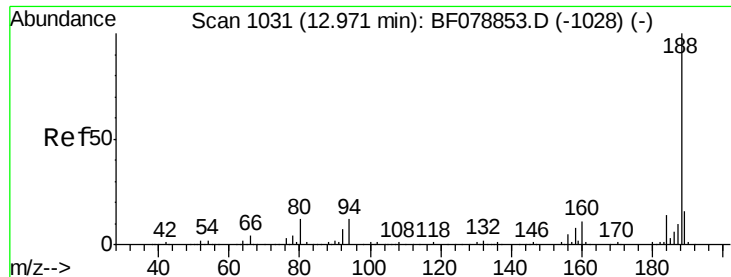
#44
 2-Fluorobiphenyl
 Concen: 0.94 ng
 RT: 9.99 min Scan# 770
 Delta R.T. 0.01 min
 Lab File: BF079460.D
 Acq: 23 May 2015 6:57

Tgt Ion: 172 Resp: 9389
 Ion Ratio Lower Upper
 172 100
 171 33.6 28.3 42.5
 170 25.9 19.4 29.2



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

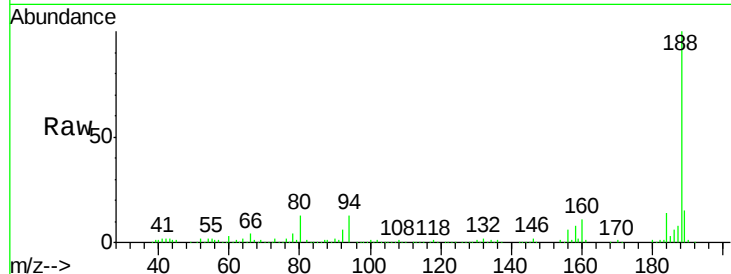




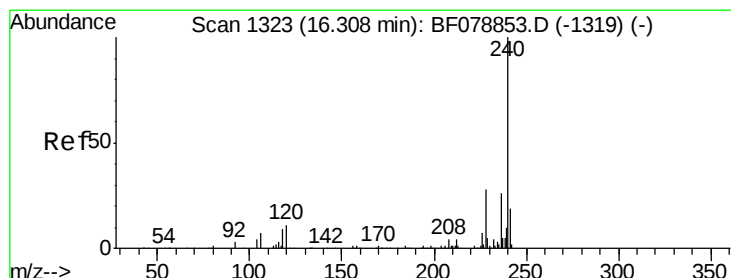
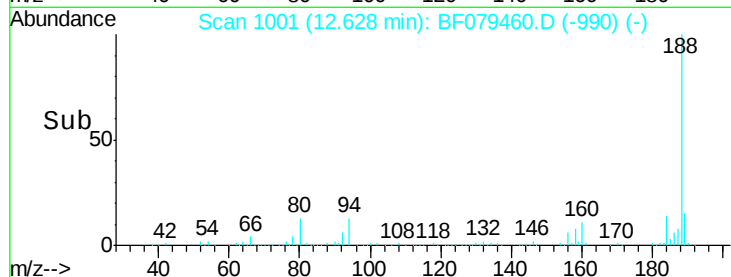
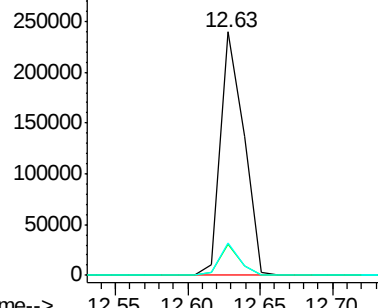
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.63 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BF079460.D
Acq: 23 May 2015 6:57

Instrument :
BNA_F
ClientSampleId :
KY032MW006-150512

Tgt Ion:188 Resp: 268533
Ion Ratio Lower Upper
188 100
94 12.7 9.4 14.0
80 13.2 9.8 14.6

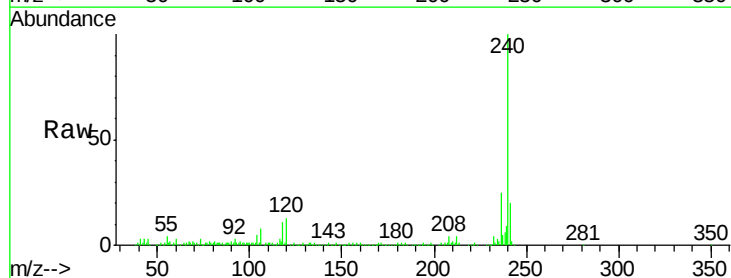


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

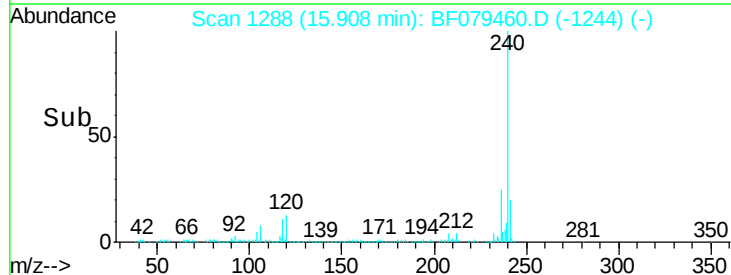
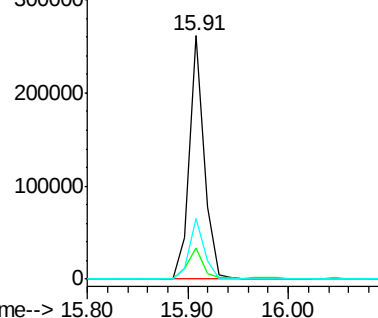


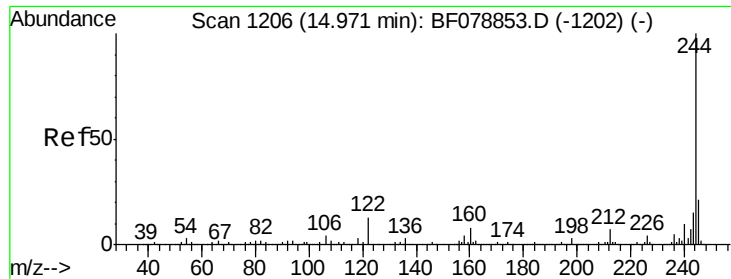
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.91 min Scan# 1288
Delta R.T. -0.00 min
Lab File: BF079460.D
Acq: 23 May 2015 6:57

Tgt Ion:240 Resp: 269125
Ion Ratio Lower Upper
240 100
120 12.9 8.6 12.8#
236 24.8 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

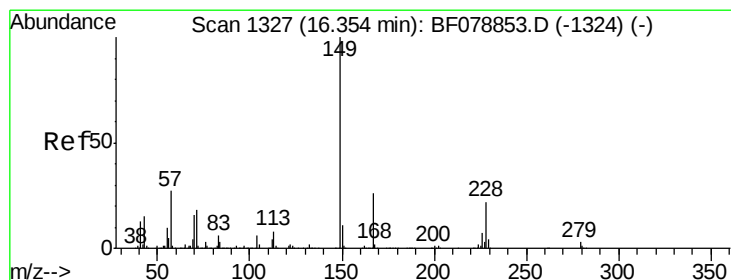
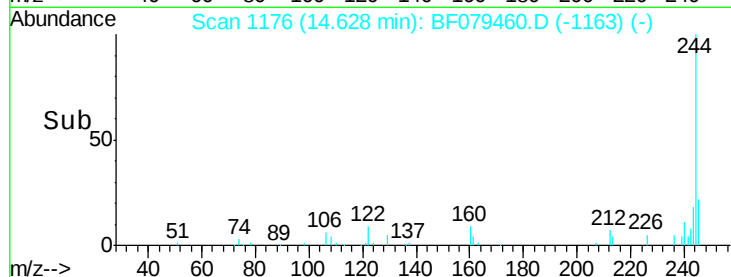
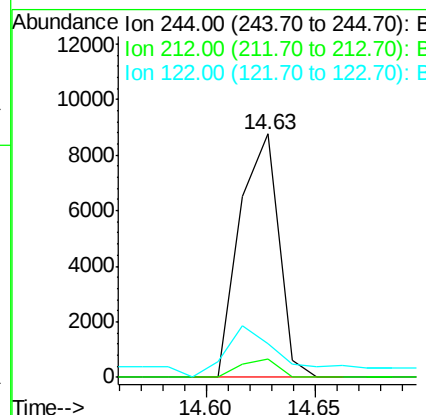
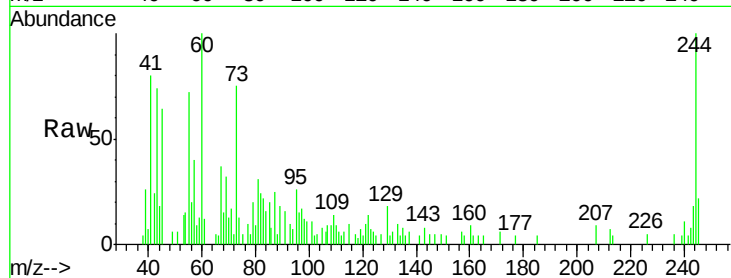




#78
 Terphenyl-d14
 Concen: 0.97 ng
 RT: 14.63 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: BF079460.D
 Acq: 23 May 2015 6:57

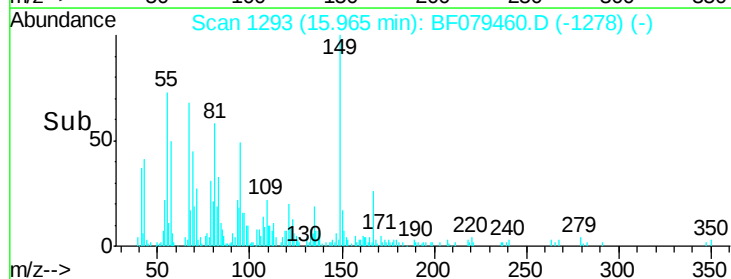
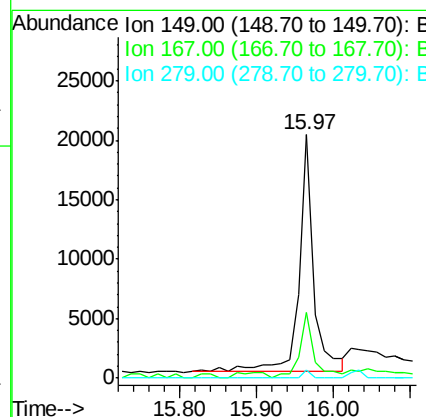
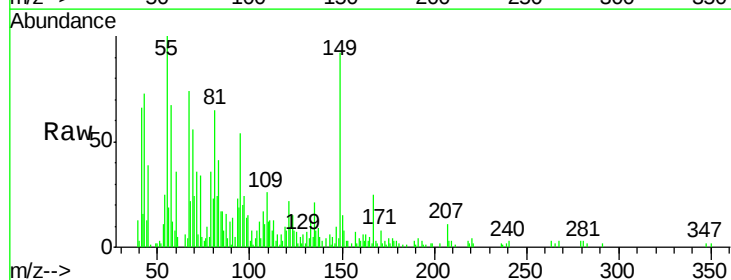
Instrument :
 BNA_F
 ClientSampleId :
 KY032MW006-150512

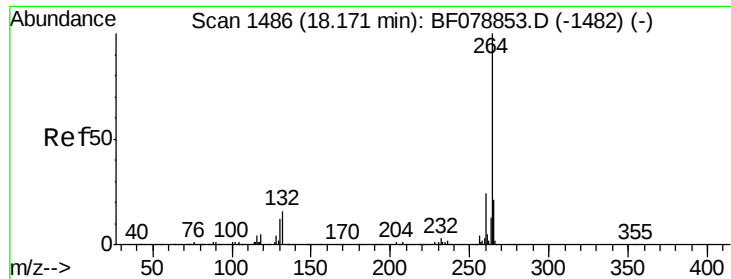
Tgt Ion:244 Resp: 10900
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.6 8.4
 122 13.8 10.5 15.7



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.61 ng
 RT: 15.97 min Scan# 1293
 Delta R.T. -0.00 min
 Lab File: BF079460.D
 Acq: 23 May 2015 6:57

Tgt Ion:149 Resp: 26780
 Ion Ratio Lower Upper
 149 100
 167 26.8 21.2 31.8
 279 3.4 2.6 4.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 17.62 min Scan# 1438
Delta R.T. 0.01 min
Lab File: BF079460.D
Acq: 23 May 2015 6:57

Instrument :
BNA_F
ClientSampleId :
KY032MW006-150512

Tgt Ion: 264 Resp: 280033
Ion Ratio Lower Upper
264 100
260 23.7 19.2 28.8
265 21.6 17.2 25.8

