

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053115\
 Data File : BF079641.D
 Acq On : 31 May 2015 19:07
 Operator : TP/IZ
 Sample : G2427-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HB-9A-DEL2(0-2)

Quant Time: Jun 01 04:42:34 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 04:06:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	60988	20.00	ng	0.00
21) Naphthalene-d8	8.48	136	254601	20.00	ng	0.00
38) Acenaphthene-d10	10.65	164	127097	20.00	ng	0.00
63) Phenanthrene-d10	12.48	188	245233	20.00	ng	0.00
75) Chrysene-d12	15.76	240	262468	20.00	ng	0.01
86) Perylene-d12	17.43	264	272360	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.19	112	365407	103.92	ng	0.02
7) Phenol-d6	6.51	99	509375	113.65	ng	0.01
23) Nitrobenzene-d5	7.61	82	291733	66.24	ng	0.00
41) 2,4,6-Tribromophenol	11.63	330	161215	115.48	ng	0.00
44) 2-Fluorobiphenyl	9.84	172	596777	66.99	ng	0.01
78) Terphenyl-d14	14.48	244	697990	62.41	ng	0.01

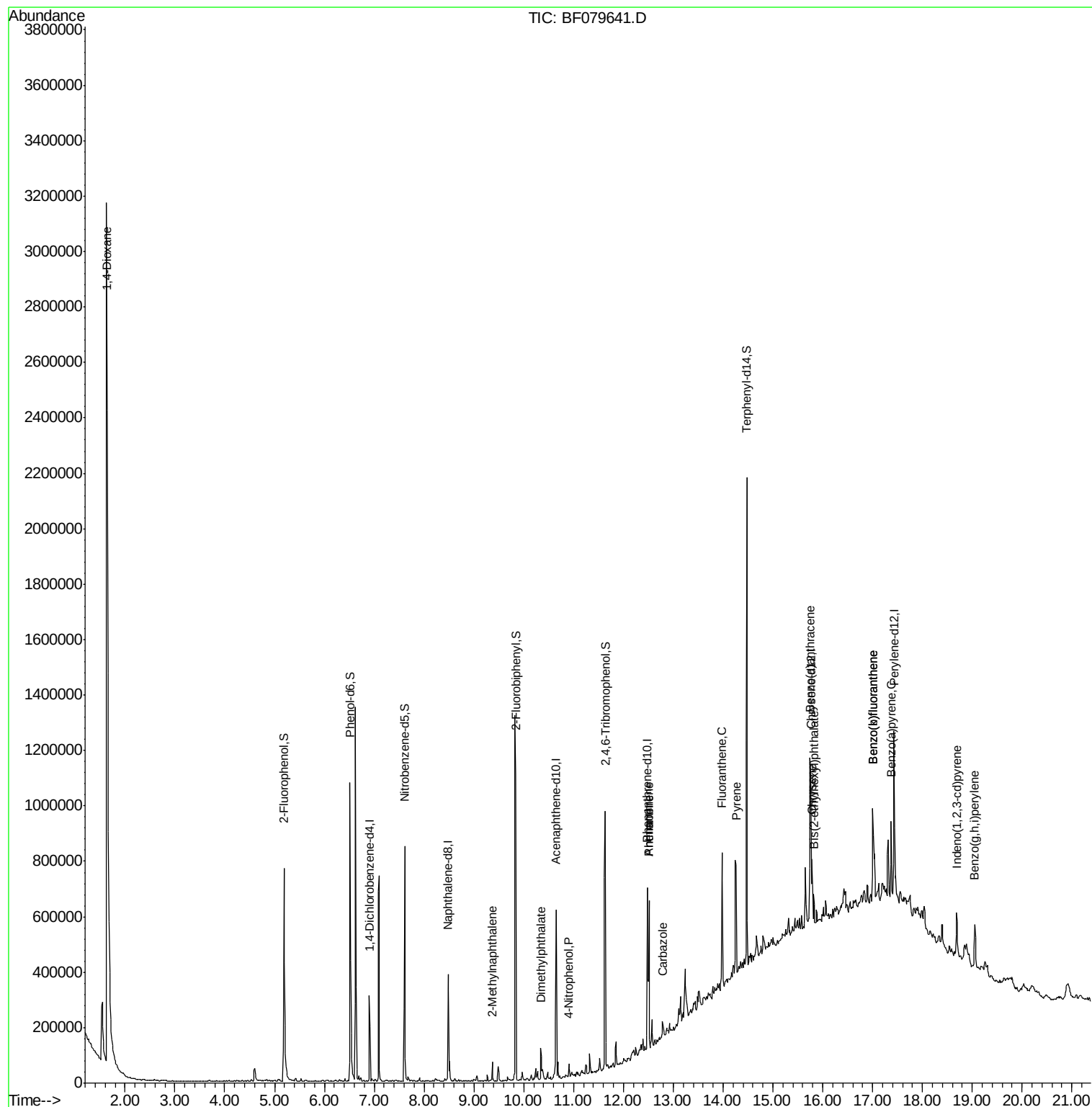
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.63	88	167188	99.95	ng	# 100
9) Benzaldehyde	6.32	77	237	Below Cal		# 1
37) 2-Methylnaphthalene	9.37	142	20196	2.38	ng	96
49) Dimethylphthalate	10.34	163	61701	6.59	ng	98
55) 4-Nitrophenol	10.90	139	7974	5.91	ng	# 20
70) Phenanthrene	12.51	178	230603	17.14	ng	99
71) Anthracene	12.51	178	230603	16.88	ng	99
72) Carbazole	12.79	167	31853	2.42	ng	94
73) Di-n-butylphthalate	13.25	149	3411	Below Cal		# 49
74) Fluoranthene	13.98	202	284797	19.74	ng	94
77) Pyrene	14.26	202	234120	14.40	ng	100
80) Benzo(a)anthracene	15.75	228	126597	8.38	ng	97
82) Chrysene	15.78	228	122491	8.54	ng	97
83) Bis(2-ethylhexyl)phthalate	15.82	149	32380	3.09	ng	# 100
85) Indeno(1,2,3-cd)pyrene	18.69	276	109225	5.92	ng	95
87) Benzo(b)fluoranthene	17.01	252	250685	16.14	ng	# 93
88) Benzo(k)fluoranthene	17.01	252	250685	18.05	ng	# 91
89) Benzo(a)pyrene	17.37	252	130119	7.97	ng	# 93
91) Benzo(g,h,i)perylene	19.05	276	116055	5.82	ng	98

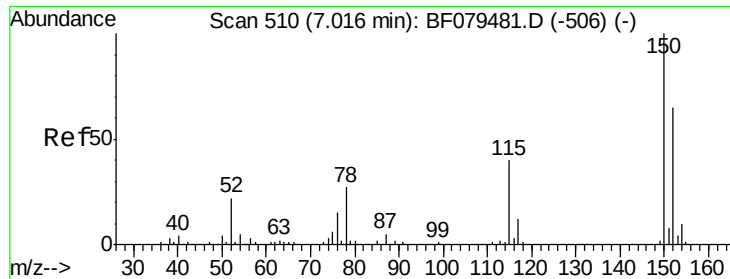
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF079641.D

Acq: 31 May 2015 19:07

Instrument :

BNA_F

ClientSampleId :

HB-9A-DEL2(0-2)

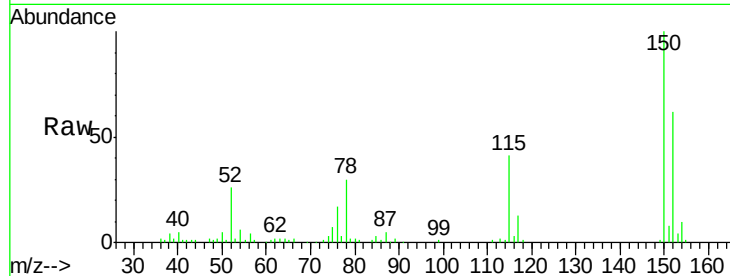
Tgt Ion:152 Resp: 60988

Ion Ratio Lower Upper

152 100

150 162.5 124.0 186.0

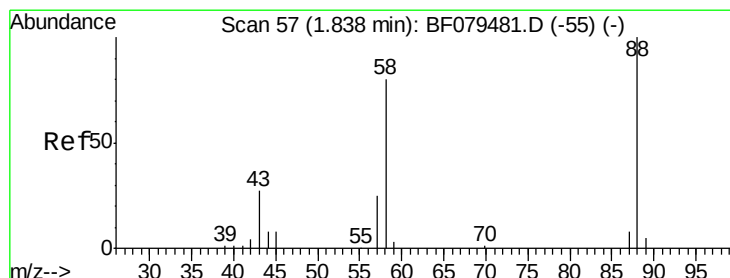
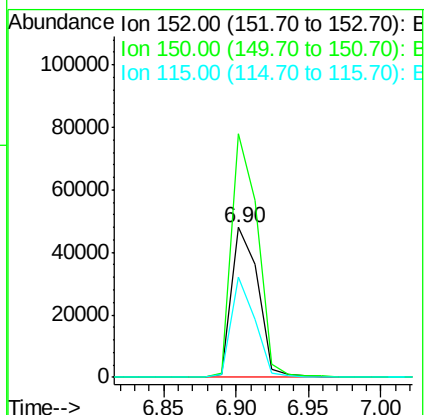
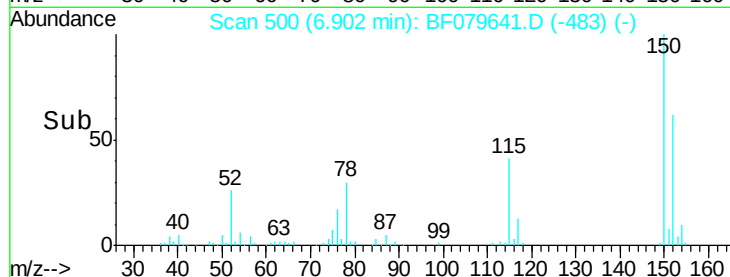
115 66.8 49.6 74.4



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: 99.95 ng

RT: 1.63 min Scan# 39

Delta R.T. -0.06 min

Lab File: BF079641.D

Acq: 31 May 2015 19:07

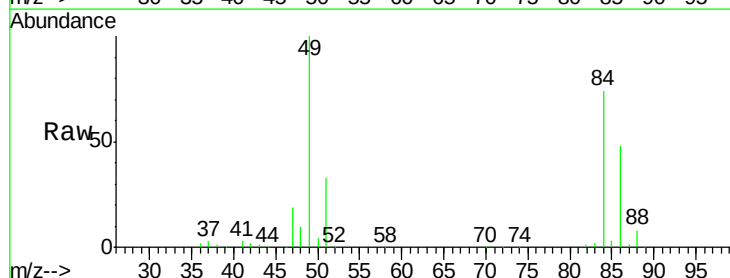
Tgt Ion: 88 Resp: 167188

Ion Ratio Lower Upper

88 100

58 0.0 0.0 0.0

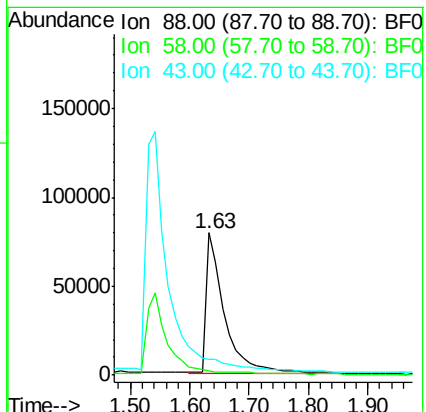
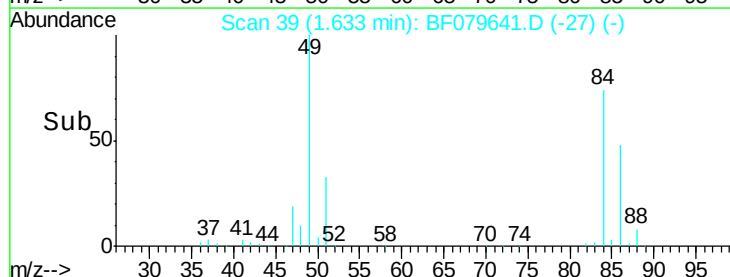
43 0.0 0.0 0.0

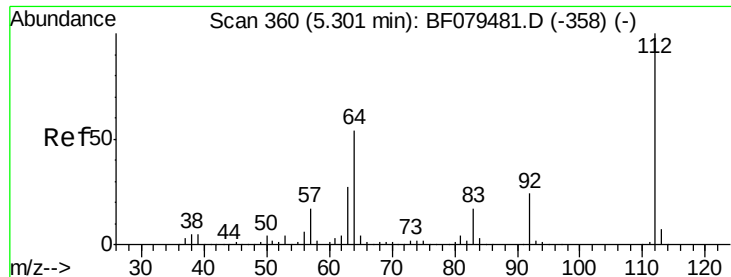


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 103.92 ng

RT: 5.19 min Scan# 350

Delta R.T. 0.02 min

Lab File: BF079641.D

Acq: 31 May 2015 19:07

Instrument :

BNA_F

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HB-9A-DEL2(0-2)

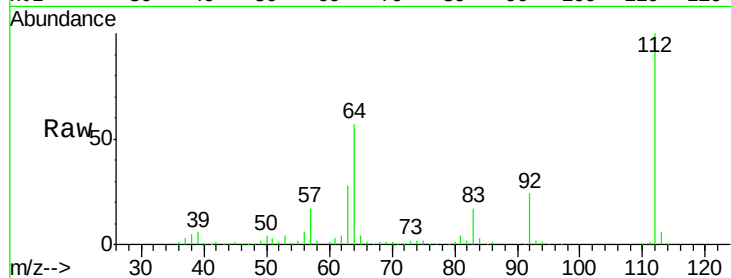
Tgt Ion: 112 Resp: 365407

Ion Ratio Lower Upper

112 100

64 56.7 43.5 65.3

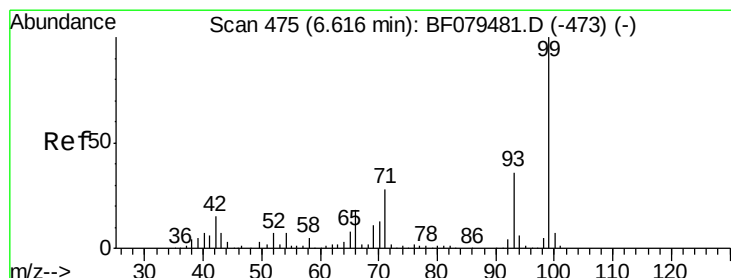
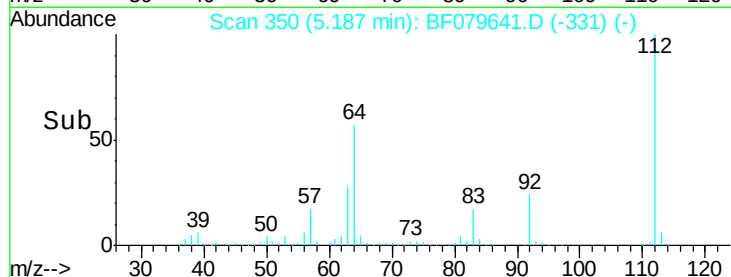
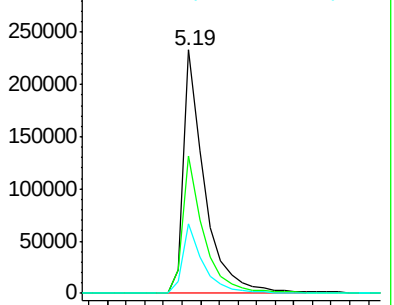
63 28.4 21.8 32.8



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



#7

Phenol-d6

Concen: 113.65 ng

RT: 6.51 min Scan# 466

Delta R.T. 0.01 min

Lab File: BF079641.D

Acq: 31 May 2015 19:07

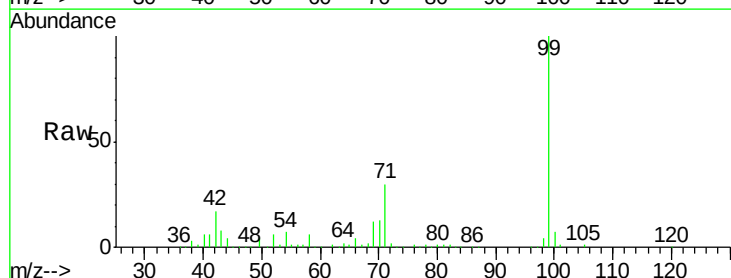
Tgt Ion: 99 Resp: 509375

Ion Ratio Lower Upper

99 100

42 16.7 11.9 17.9

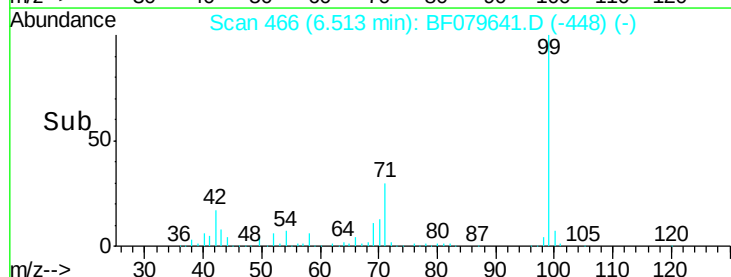
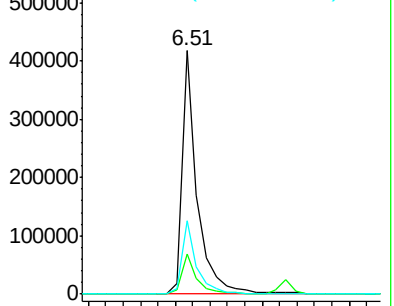
71 30.2 22.1 33.1

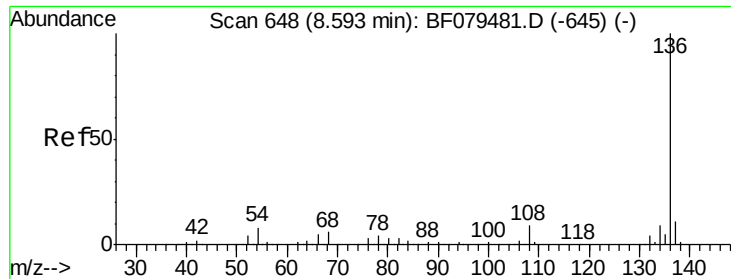


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

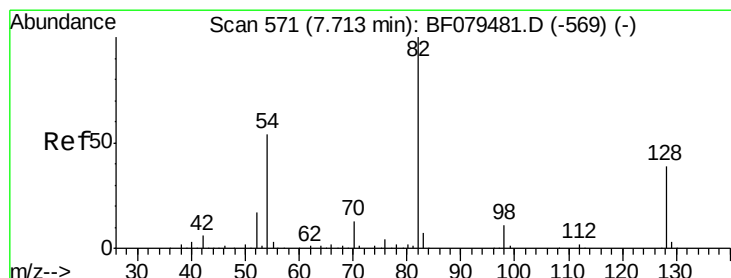
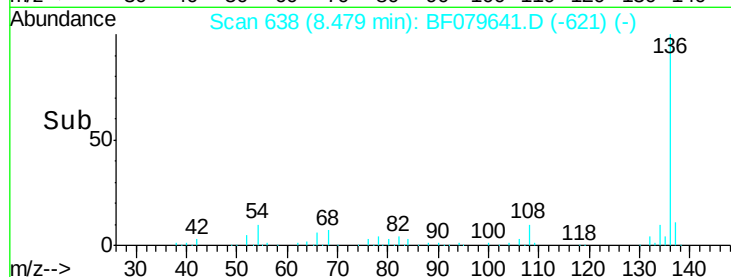
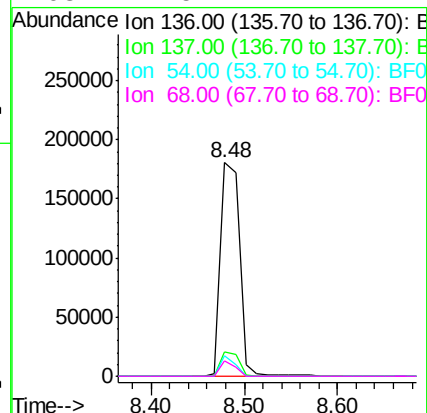
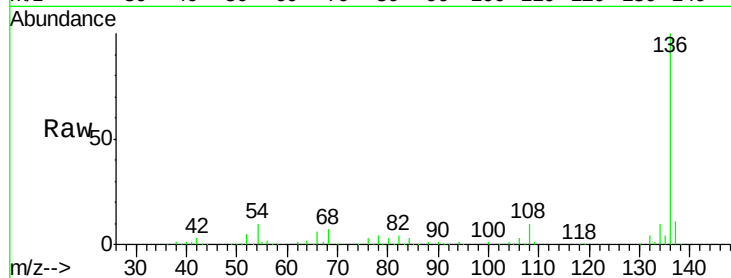




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.48 min Scan# 638
Delta R.T. -0.00 min
Lab File: BF079641.D
Acq: 31 May 2015 19:07

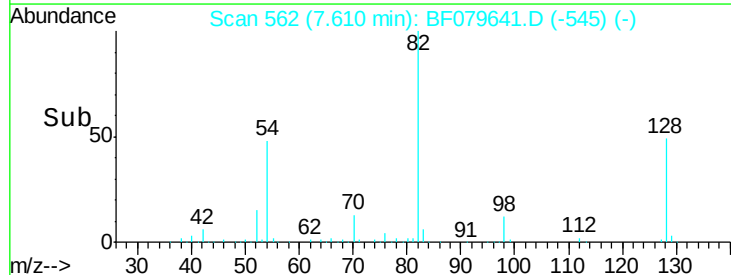
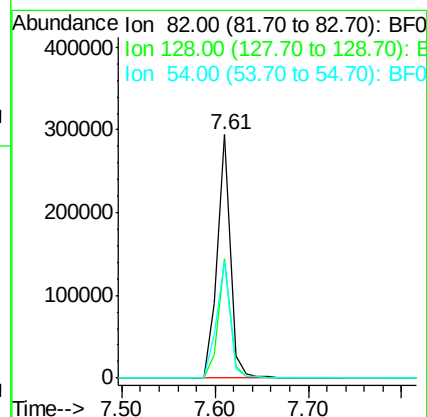
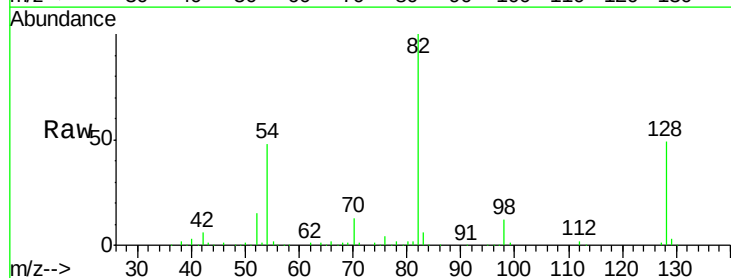
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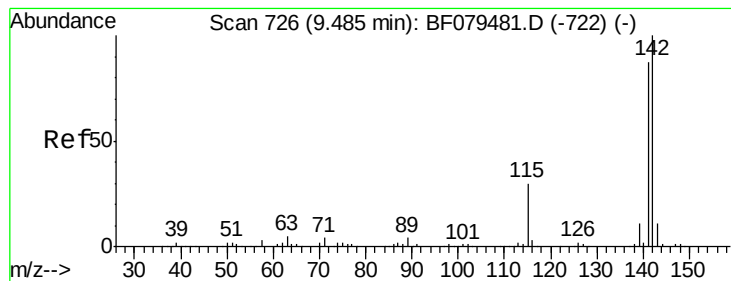
Tgt Ion:	136	Resp:	254601
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	9.8	6.6	9.8
68	7.5	4.7	7.1#



#23
Nitrobenzene-d5
Concen: 66.24 ng
RT: 7.61 min Scan# 562
Delta R.T. -0.00 min
Lab File: BF079641.D
Acq: 31 May 2015 19:07

Tgt Ion:	82	Resp:	291733
Ion	Ratio	Lower	Upper
82	100		
128	48.9	30.8	46.2#
54	47.9	42.8	64.2





#37

2-Methylnaphthalene

Concen: 2.38 ng

RT: 9.37 min Scan# 716

Delta R.T. -0.00 min

Lab File: BF079641.D

Acq: 31 May 2015 19:07

Instrument :

BNA_F

ClientSampleId :

HB-9A-DEL2(0-2)

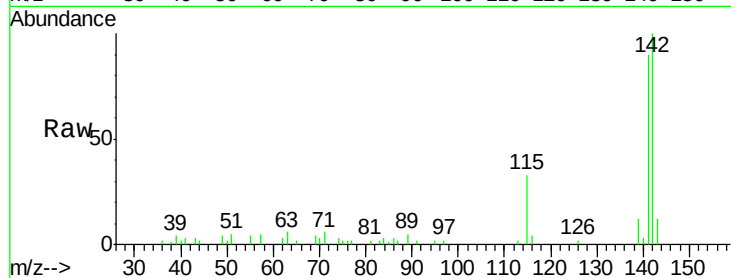
Tgt Ion:142 Resp: 20196

Ion Ratio Lower Upper

142 100

141 90.3 69.5 104.3

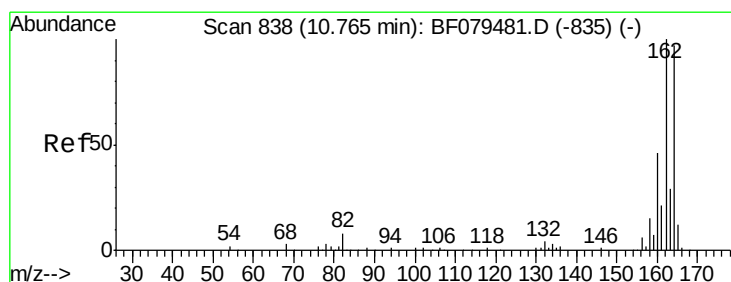
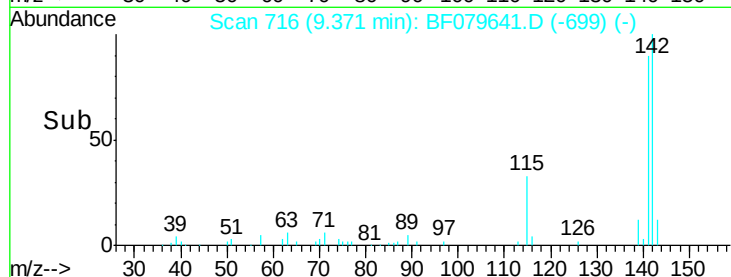
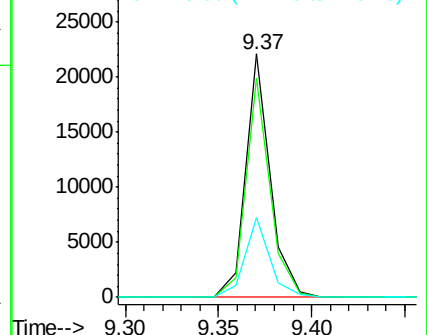
115 32.8 23.8 35.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.65 min Scan# 828

Delta R.T. -0.00 min

Lab File: BF079641.D

Acq: 31 May 2015 19:07

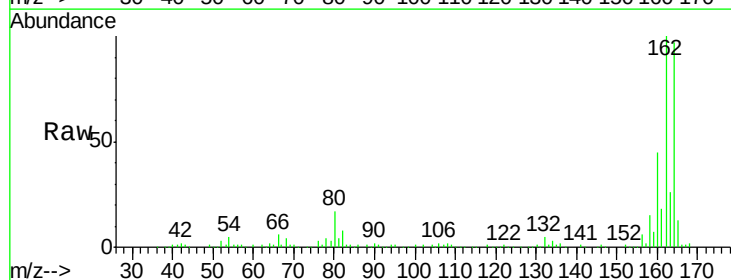
Tgt Ion:164 Resp: 127097

Ion Ratio Lower Upper

164 100

162 103.3 82.6 124.0

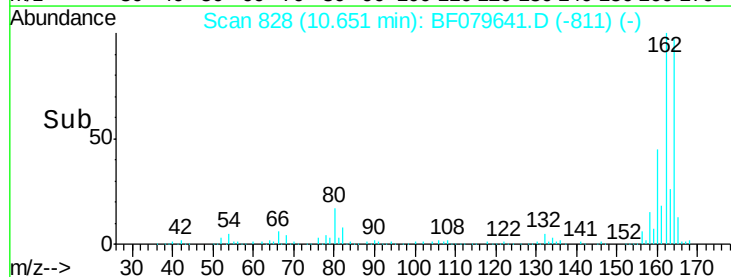
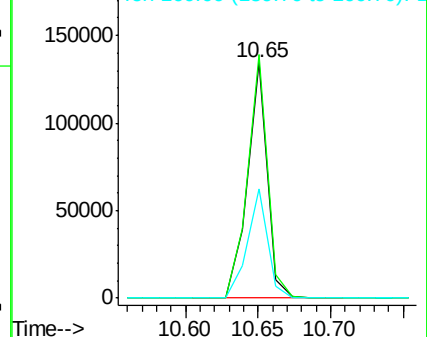
160 46.1 37.7 56.5

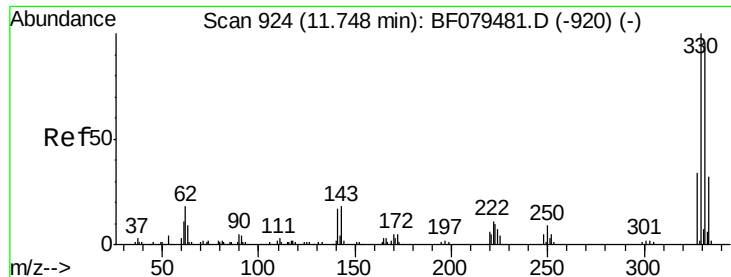


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

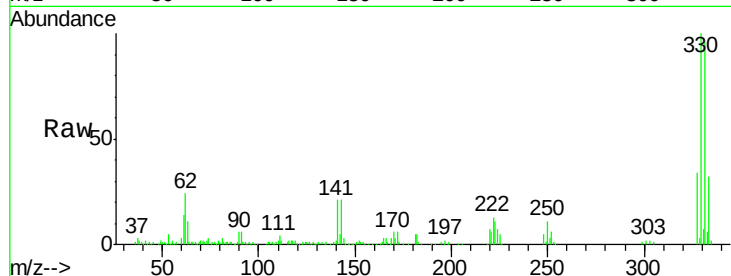




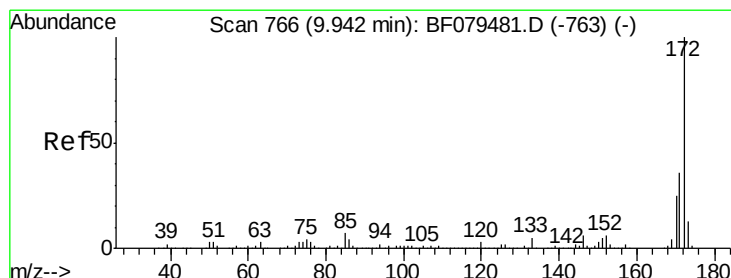
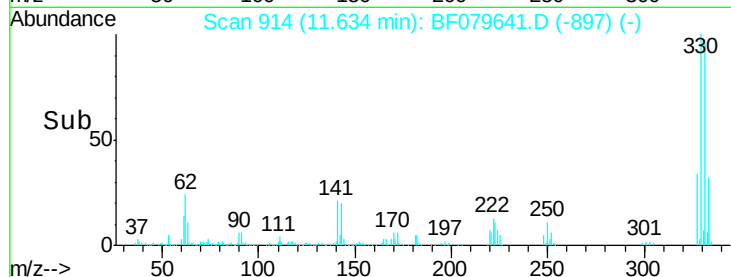
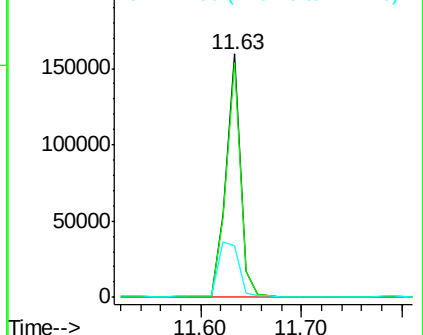
#41
 2,4,6-Tribromophenol
 Concen: 115.48 ng
 RT: 11.63 min Scan# 914
 Delta R.T. -0.00 min
 Lab File: BF079641.D
 Acq: 31 May 2015 19:07

Instrument :
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 HB-9A-DEL2(0-2)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.4	0.0	0.0#
141	32.8	0.0	0.0#

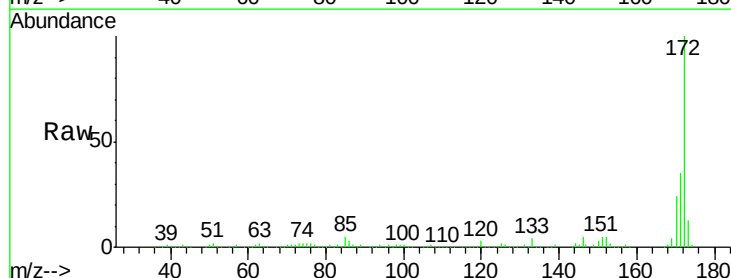


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

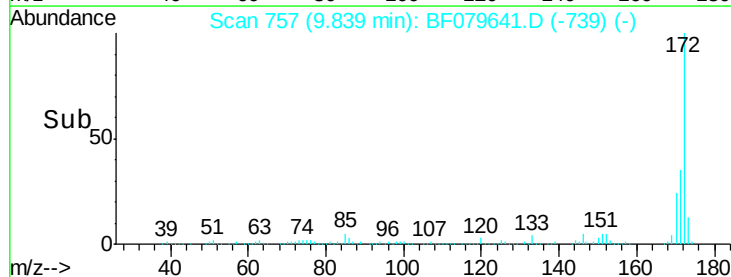
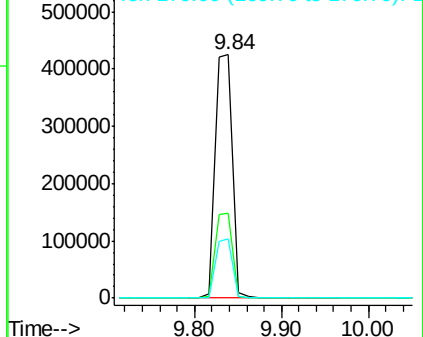


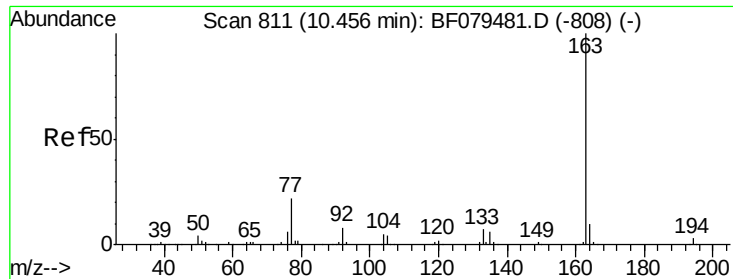
#44
 2-Fluorobiphenyl
 Concen: 66.99 ng
 RT: 9.84 min Scan# 757
 Delta R.T. 0.01 min
 Lab File: BF079641.D
 Acq: 31 May 2015 19:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.5	42.7
170	24.2	19.7	29.5



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

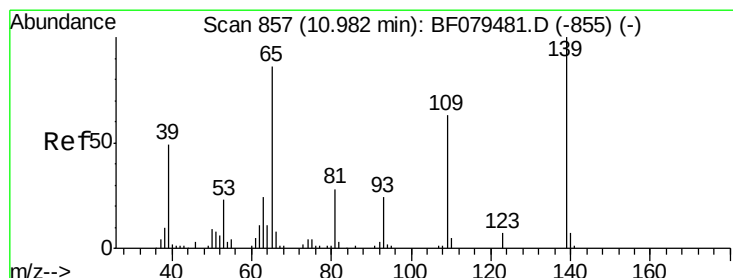
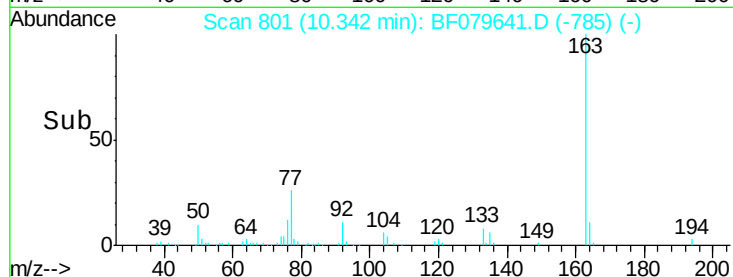
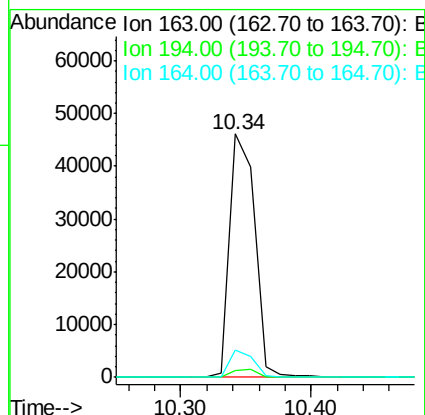
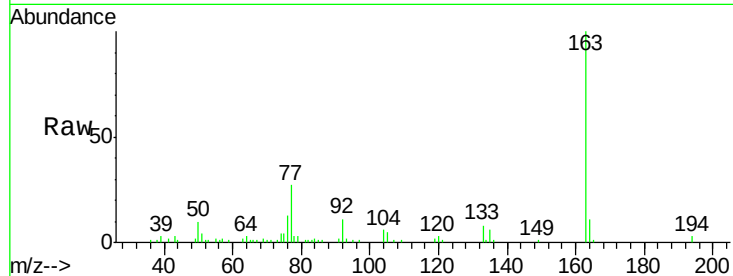




#49
Dimethylphthalate
Concen: 6.59 ng
RT: 10.34 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF079641.D
Acq: 31 May 2015 19:07

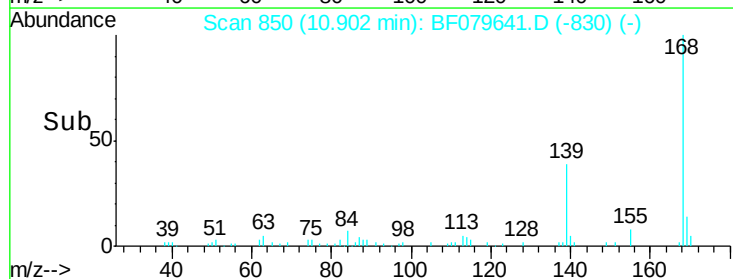
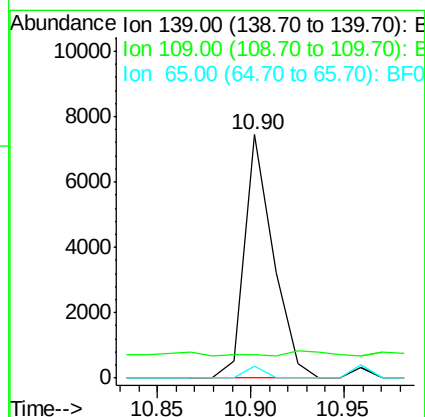
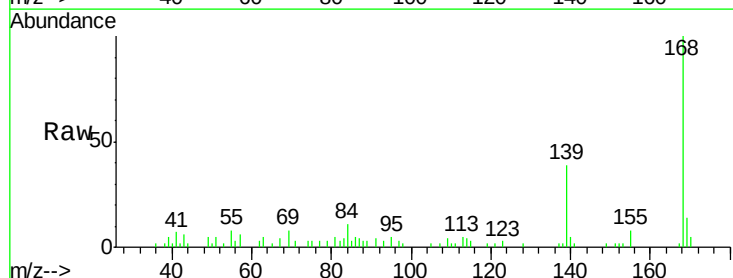
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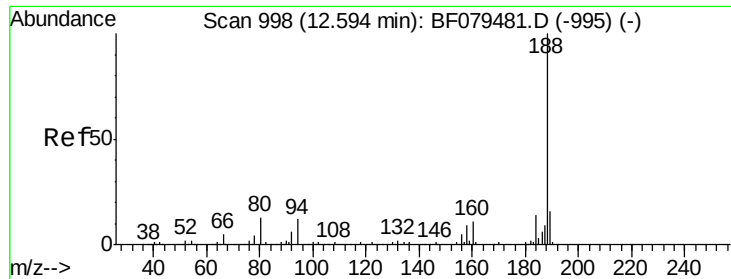
Tgt Ion:163 Resp: 61701
Ion Ratio Lower Upper
163 100
194 2.7 2.4 3.6
164 11.0 8.2 12.4



#55
4-Nitrophenol
Concen: 5.91 ng
RT: 10.90 min Scan# 850
Delta R.T. 0.03 min
Lab File: BF079641.D
Acq: 31 May 2015 19:07

Tgt Ion:139 Resp: 7974
Ion Ratio Lower Upper
139 100
109 9.5 42.8 82.8#
65 4.9 66.3 106.3#

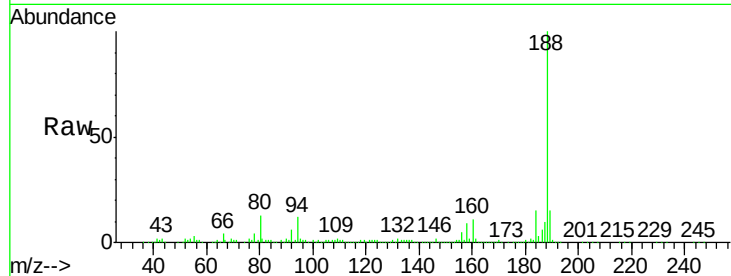




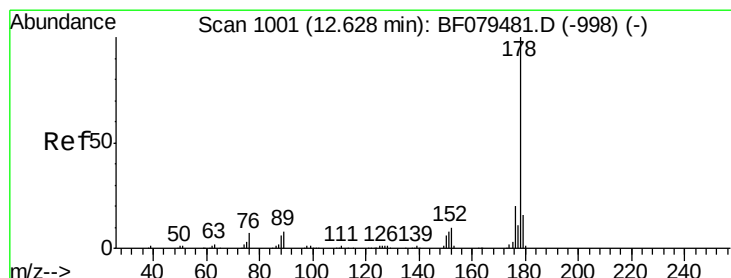
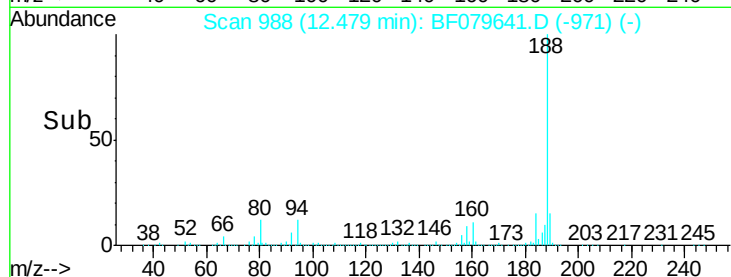
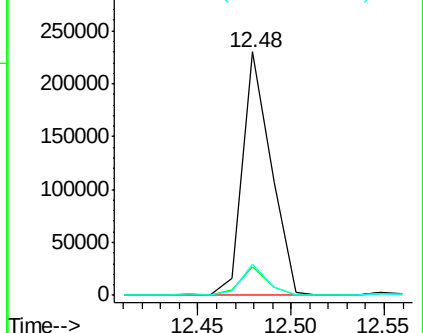
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.48 min Scan# 988
Delta R.T. -0.00 min
Lab File: BF079641.D
Acq: 31 May 2015 19:07

Instrument :
BNA_F
ClientSampleId :
HB-9A-DEL2(0-2)

Tgt Ion:188 Resp: 245233
Ion Ratio Lower Upper
188 100
94 11.9 9.8 14.6
80 12.6 10.5 15.7

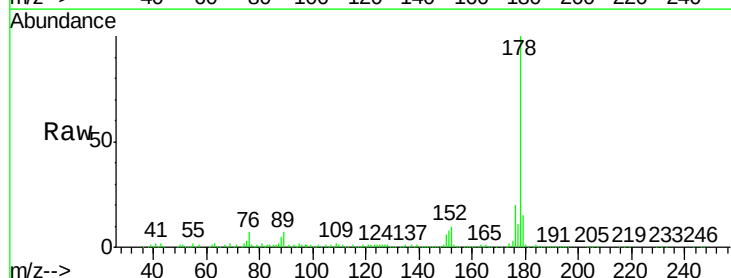


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0



#70
Phenanthrene
Concen: 17.14 ng
RT: 12.51 min Scan# 991
Delta R.T. -0.00 min
Lab File: BF079641.D
Acq: 31 May 2015 19:07

Tgt Ion:178 Resp: 230603
Ion Ratio Lower Upper
178 100
176 19.9 15.7 23.5
179 15.2 12.4 18.6



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

