

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053115\
 Data File : BF079636.D
 Acq On : 31 May 2015 16:43
 Operator : TP/IZ
 Sample : G2408-14 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-20S

Quant Time: Jun 01 04:33:23 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	59504	20.00	ng	0.00
21) Naphthalene-d8	8.48	136	244210	20.00	ng	0.00
38) Acenaphthene-d10	10.65	164	121303	20.00	ng	0.00
63) Phenanthrene-d10	12.48	188	235254	20.00	ng	0.00
75) Chrysene-d12	15.75	240	244303	20.00	ng	0.00
86) Perylene-d12	17.45	264	271317	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	178585	52.06	ng	0.00
7) Phenol-d6	6.50	99	241830	55.30	ng	0.00
23) Nitrobenzene-d5	7.61	82	131320	31.08	ng	0.00
41) 2,4,6-Tribromophenol	11.62	330	75760	56.86	ng	-0.01
44) 2-Fluorobiphenyl	9.83	172	307628	36.18	ng	0.00
78) Terphenyl-d14	14.47	244	352529	33.86	ng	0.00

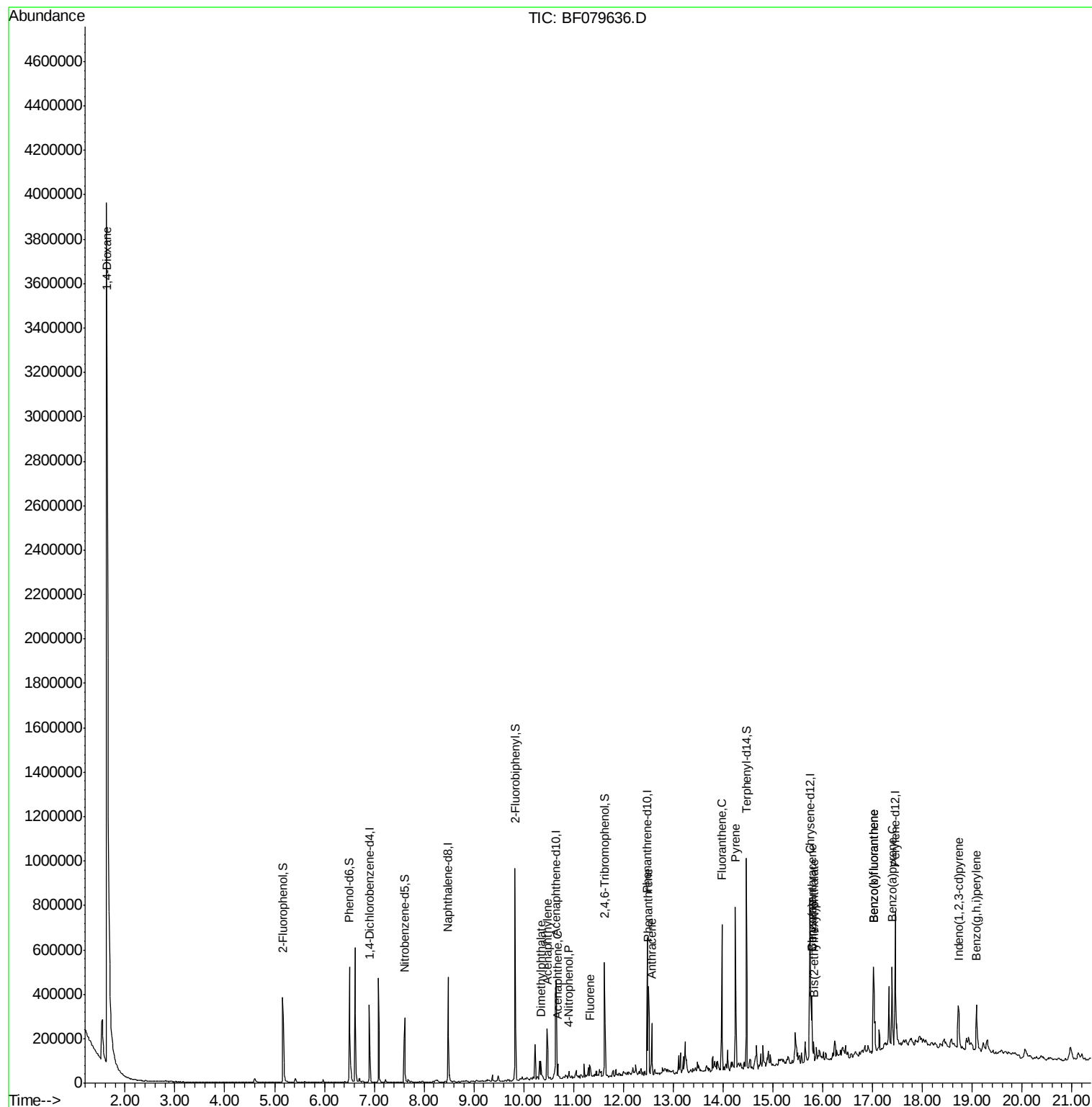
Target Compounds						Qvalue
2) 1,4-Dioxane	1.63	88	213552	130.85	ng	# 100
9) Benzaldehyde	6.41	77	279	Below Cal		# 1
48) Acenaphthylene	10.47	152	122188	9.84	ng	99
49) Dimethylphthalate	10.34	163	36601	4.10	ng	99
51) Acenaphthene	10.69	154	14627	2.06	ng	98
55) 4-Nitrophenol	10.90	139	4086	3.17	ng	# 21
57) Fluorene	11.33	166	23368	2.71	ng	95
70) Phenanthrene	12.50	178	200198	15.51	ng	99
71) Anthracene	12.57	178	94629	7.22	ng	98
73) Di-n-butylphthalate	13.25	149	3076	Below Cal		# 50
74) Fluoranthene	13.98	202	282273	20.39	ng	98
77) Pyrene	14.25	202	319839	21.13	ng	97
80) Benzo(a)anthracene	15.78	228	129180	9.19	ng	94
82) Chrysene	15.78	228	129588	9.70	ng	97
83) Bis(2-ethylhexyl)phthalate	15.82	149	20268	2.08	ng	# 96
85) Indeno(1,2,3-cd)pyrene	18.72	276	133589	7.77	ng	96
87) Benzo(b)fluoranthene	17.02	252	283217	18.30	ng	# 98
88) Benzo(k)fluoranthene	17.02	252	283217	20.47	ng	# 96
89) Benzo(a)pyrene	17.39	252	194716	12.98	ng	98
91) Benzo(g,h,i)perylene	19.09	276	154019	8.97	ng	97

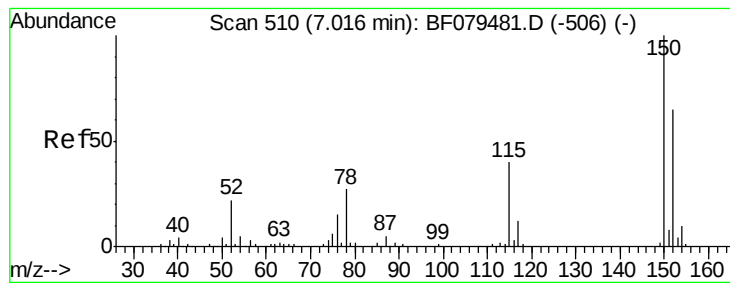
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF079636.D

Acq: 31 May 2015 16:43

Instrument :

BNA_F

ClientSampleId :

SB-20S

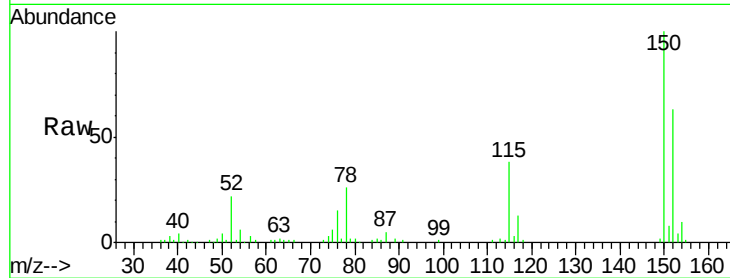
Tgt Ion:152 Resp: 59504

Ion Ratio Lower Upper

152 100

150 159.0 124.0 186.0

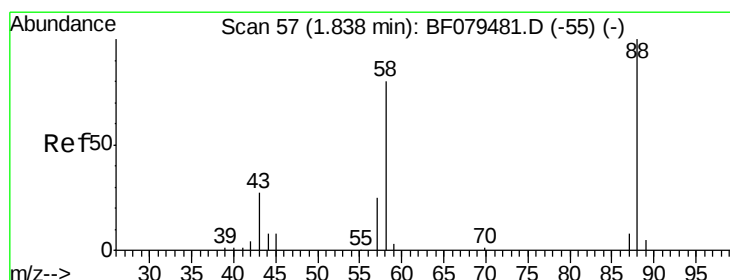
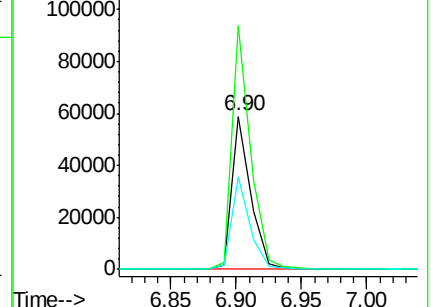
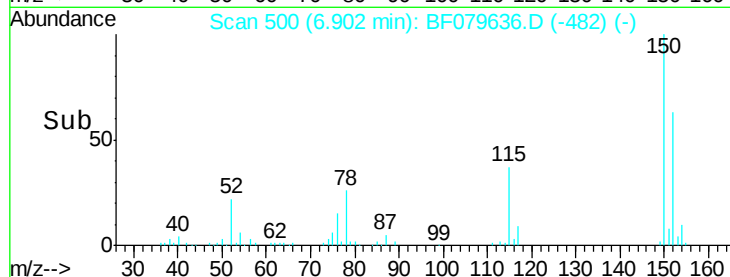
115 60.6 49.6 74.4



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: 130.85 ng

RT: 1.63 min Scan# 39

Delta R.T. -0.06 min

Lab File: BF079636.D

Acq: 31 May 2015 16:43

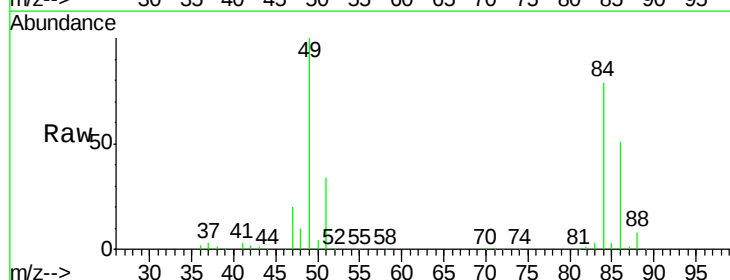
Tgt Ion: 88 Resp: 213552

Ion Ratio Lower Upper

88 100

58 0.0 0.0 0.0

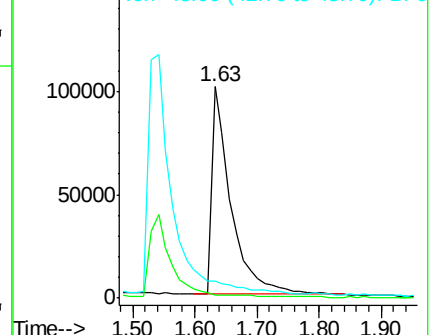
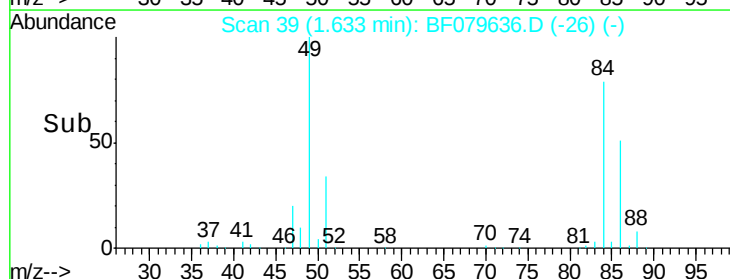
43 0.0 0.0 0.0

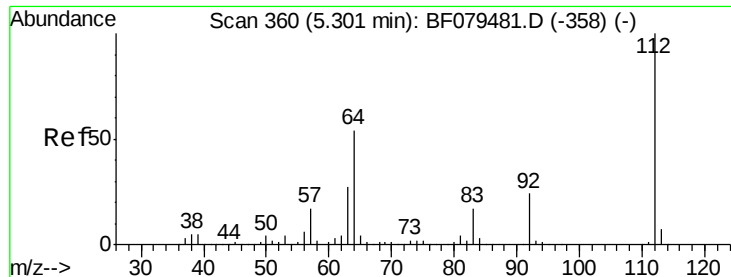


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 52.06 ng

RT: 5.16 min Scan# 348

Delta R.T. 0.00 min

Lab File: BF079636.D

Acq: 31 May 2015 16:43

Instrument :

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ClientSampleId :

SB-20S

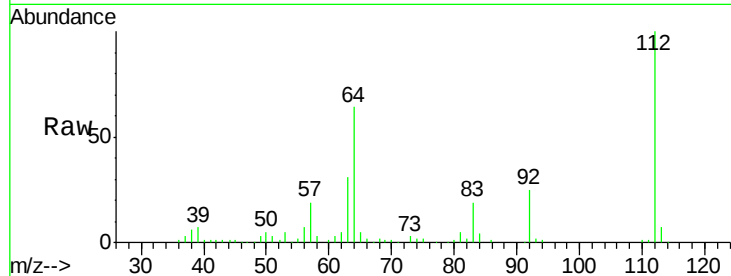
Tgt Ion: 112 Resp: 178585

Ion Ratio Lower Upper

112 100

64 64.3 43.5 65.3

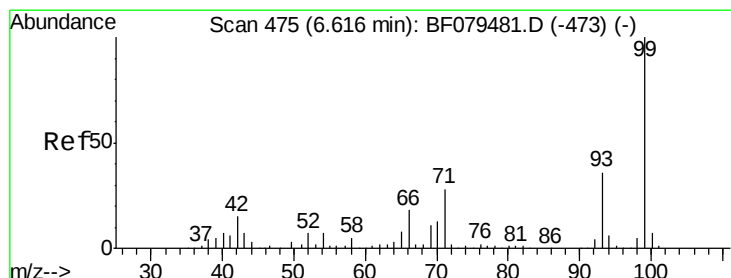
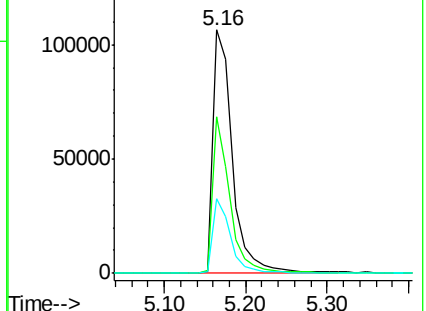
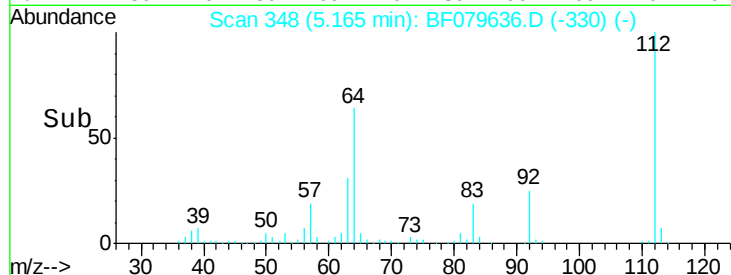
63 30.7 21.8 32.8



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: 55.30 ng

RT: 6.50 min Scan# 465

Delta R.T. 0.00 min

Lab File: BF079636.D

Acq: 31 May 2015 16:43

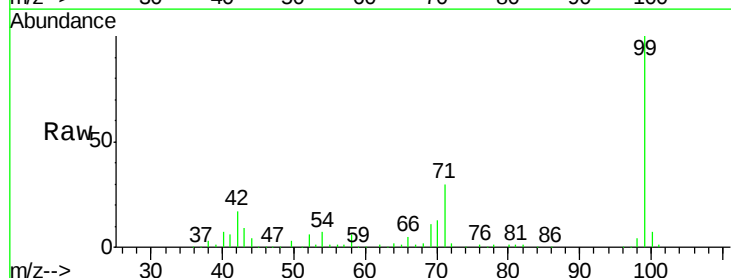
Tgt Ion: 99 Resp: 241830

Ion Ratio Lower Upper

99 100

42 16.9 11.9 17.9

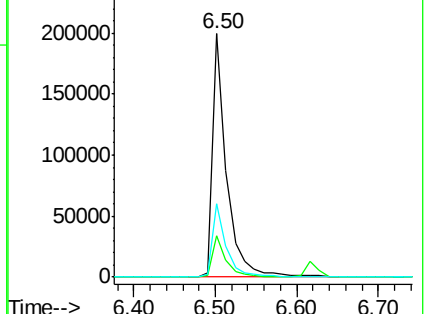
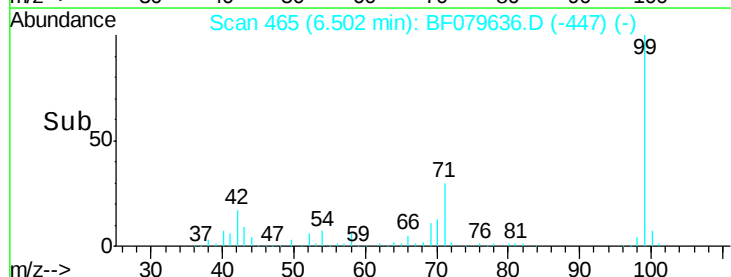
71 30.4 22.1 33.1

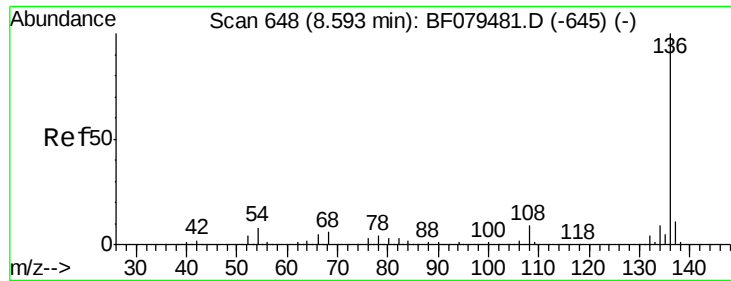


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

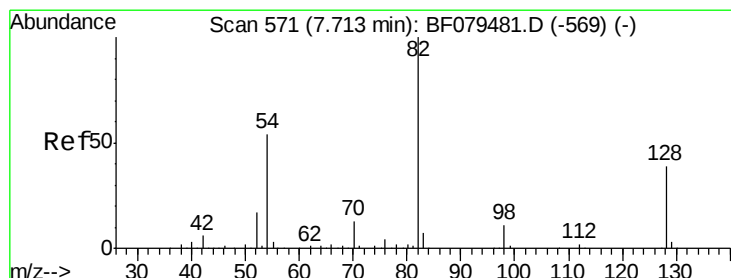
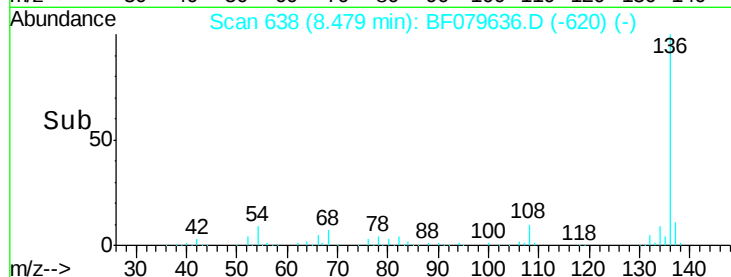
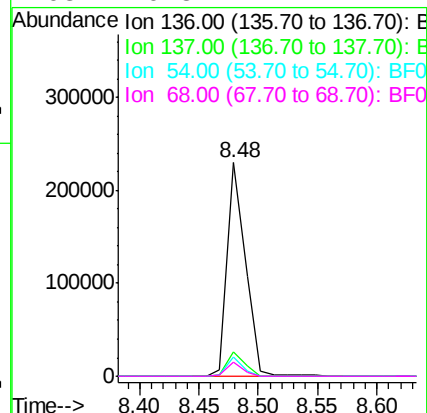
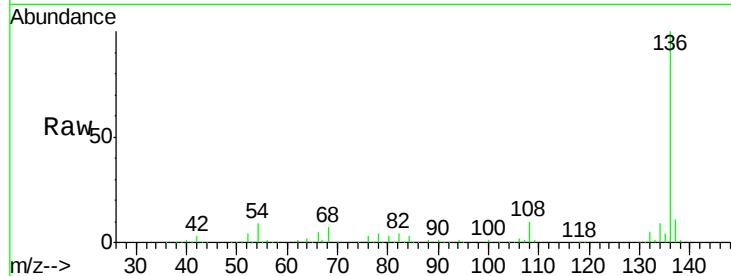




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.48 min Scan# 638
Delta R.T. 0.00 min
Lab File: BF079636.D
Acq: 31 May 2015 16:43

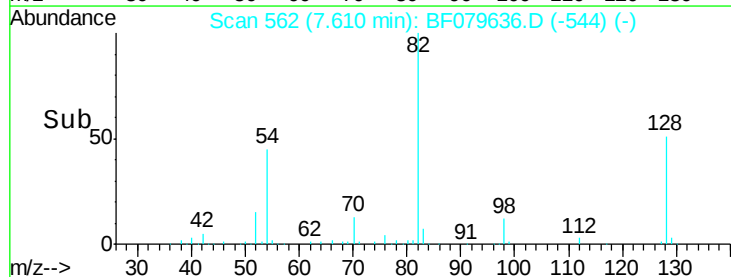
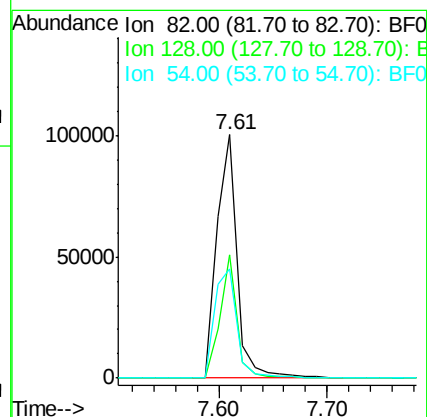
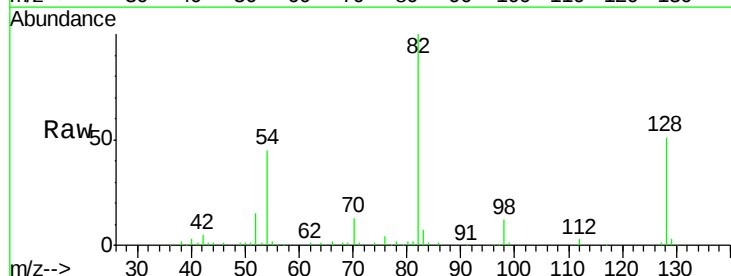
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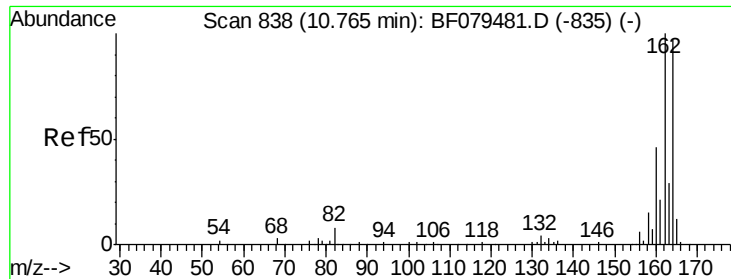
Tgt Ion:	136	Resp:	244210
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.5	12.7
54	9.0	6.6	9.8
68	6.8	4.7	7.1



#23
Nitrobenzene-d5
Concen: 31.08 ng
RT: 7.61 min Scan# 562
Delta R.T. 0.00 min
Lab File: BF079636.D
Acq: 31 May 2015 16:43

Tgt Ion:	82	Resp:	131320
Ion	Ratio	Lower	Upper
82	100		
128	50.9	30.8	46.2#
54	45.1	42.8	64.2

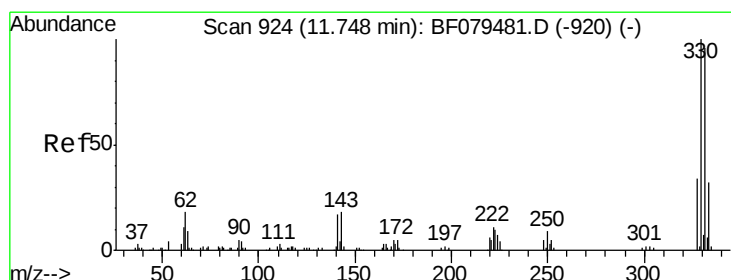
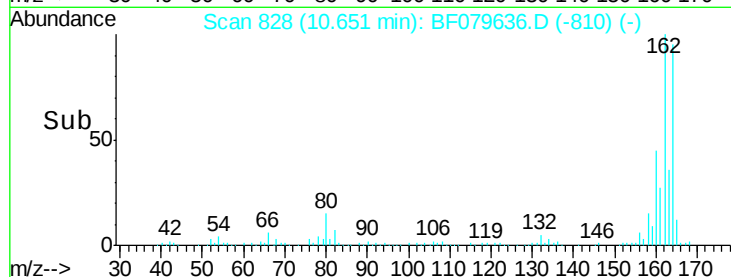
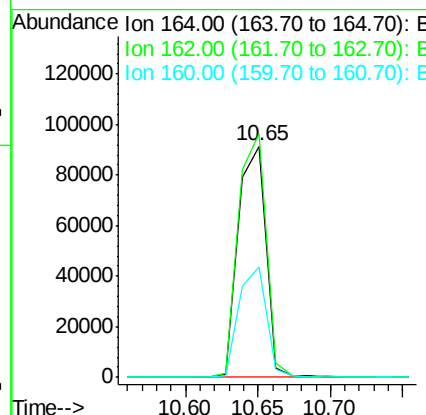
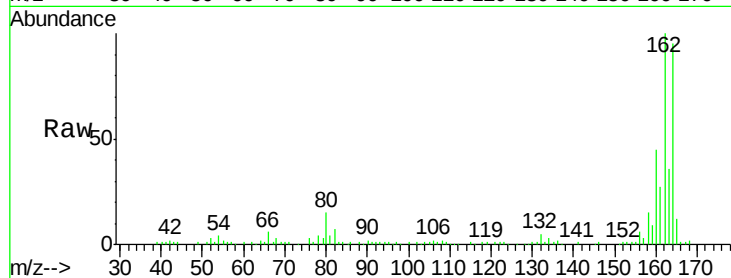




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.65 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF079636.D
 Acq: 31 May 2015 16:43

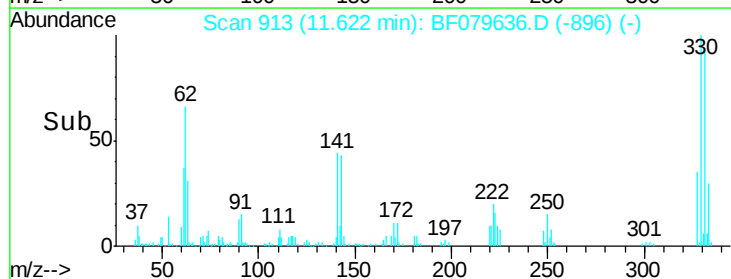
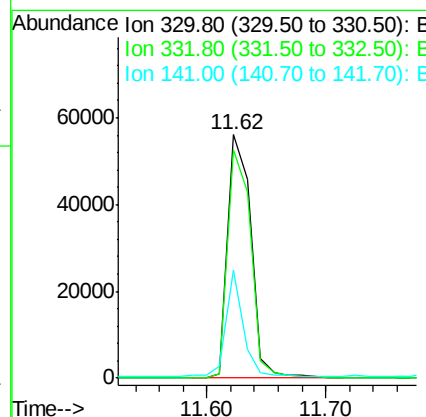
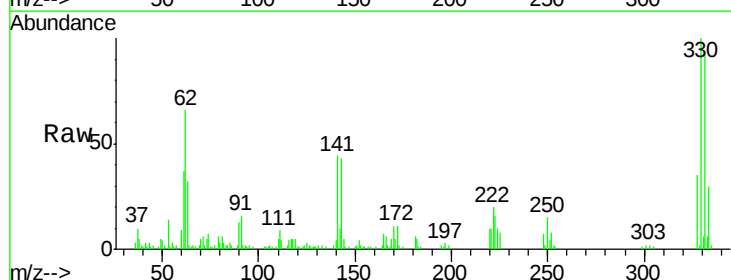
Instrument :
 BNA_F
 ClientSampleId :
 SB-20S

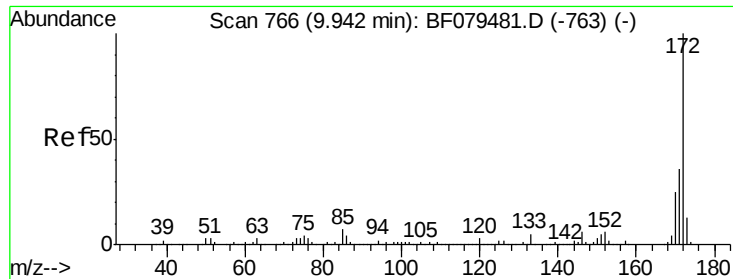
Tgt Ion:164 Resp: 121303
 Ion Ratio Lower Upper
 164 100
 162 105.4 82.6 124.0
 160 47.8 37.7 56.5



#41
 2,4,6-Tribromophenol
 Concen: 56.86 ng
 RT: 11.62 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BF079636.D
 Acq: 31 May 2015 16:43

Tgt Ion:330 Resp: 75760
 Ion Ratio Lower Upper
 330 100
 332 93.4 0.0 0.0#
 141 33.9 0.0 0.0#

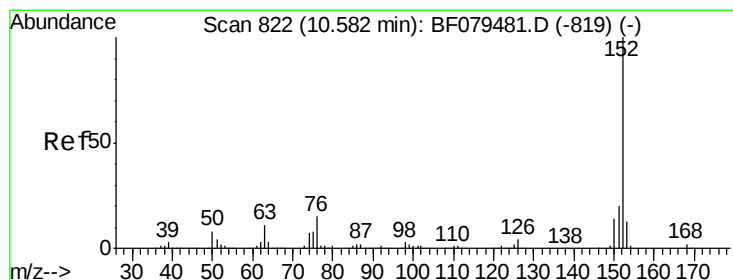
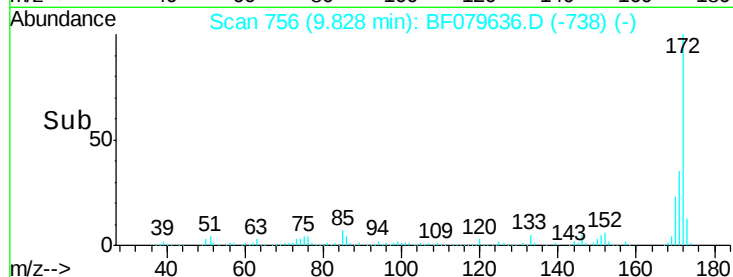
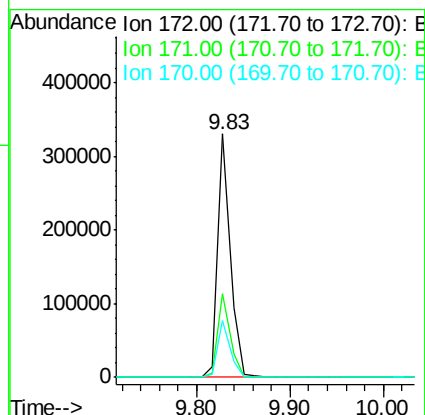
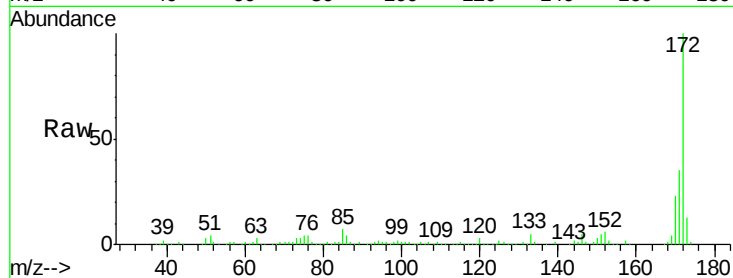




#44
 2-Fluorobiphenyl
 Concen: 36.18 ng
 RT: 9.83 min Scan# 756
 Delta R.T. 0.00 min
 Lab File: BF079636.D
 Acq: 31 May 2015 16:43

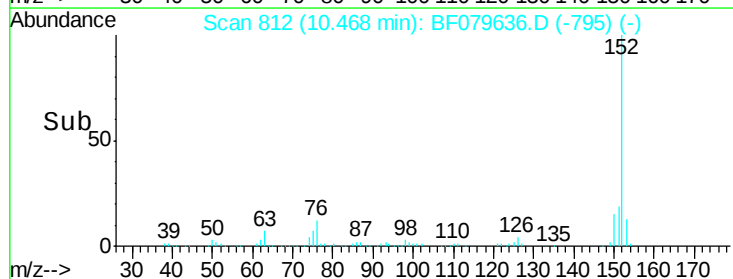
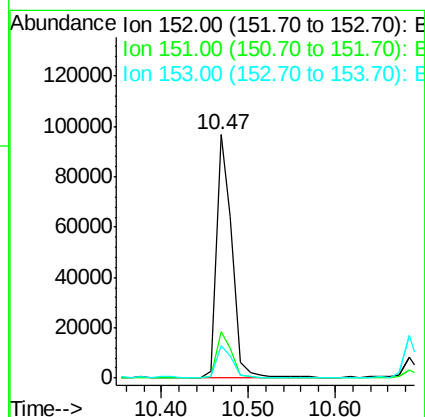
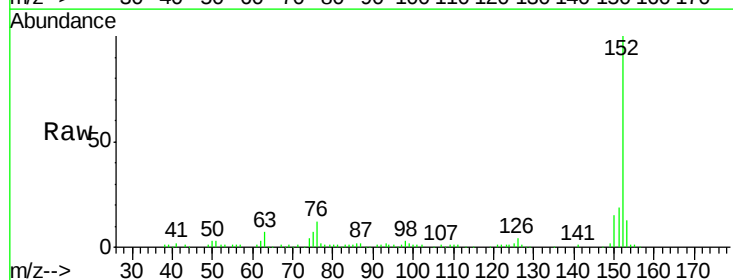
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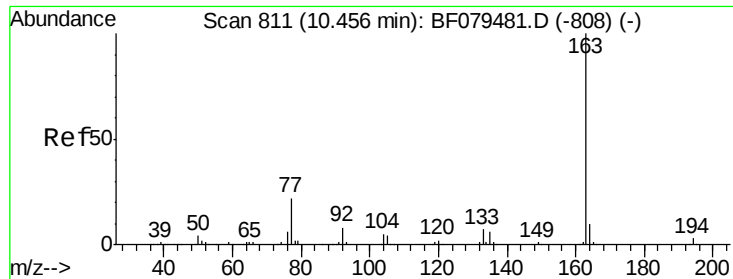
Tgt Ion:172 Resp: 307628
 Ion Ratio Lower Upper
 172 100
 171 34.5 28.5 42.7
 170 23.5 19.7 29.5



#48
 Acenaphthylene
 Concen: 9.84 ng
 RT: 10.47 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF079636.D
 Acq: 31 May 2015 16:43

Tgt Ion:152 Resp: 122188
 Ion Ratio Lower Upper
 152 100
 151 19.2 15.8 23.8
 153 13.4 10.7 16.1

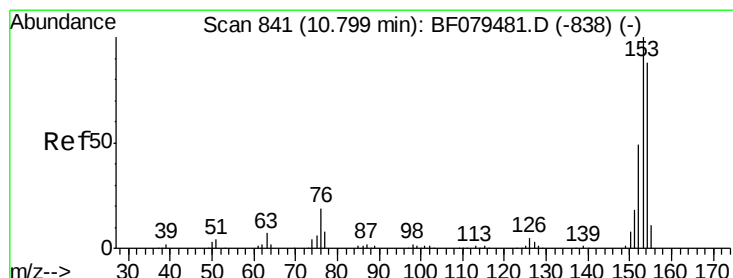
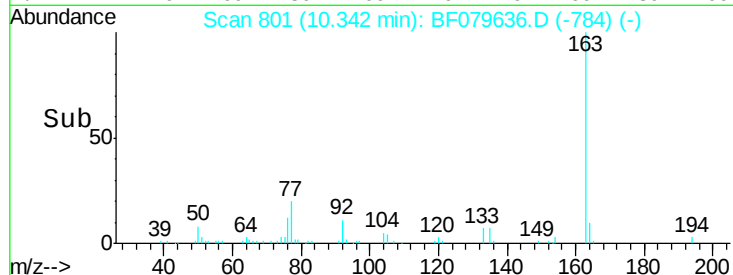
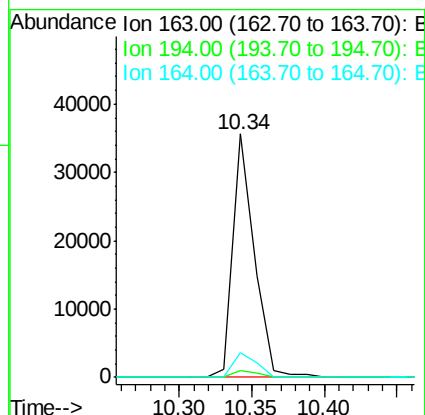
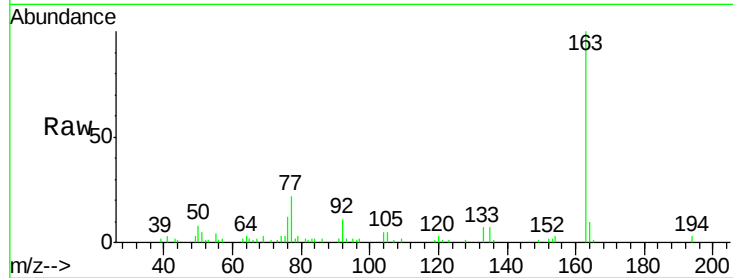




#49
Dimethylphthalate
Concen: 4.10 ng
RT: 10.34 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF079636.D
Acq: 31 May 2015 16:43

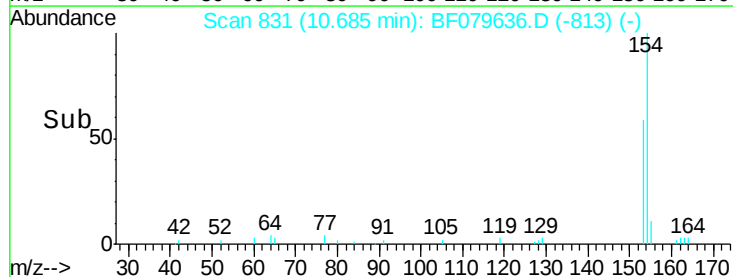
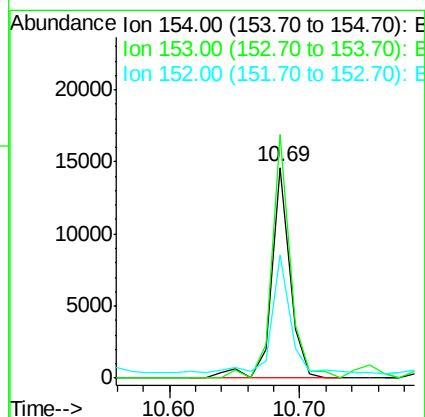
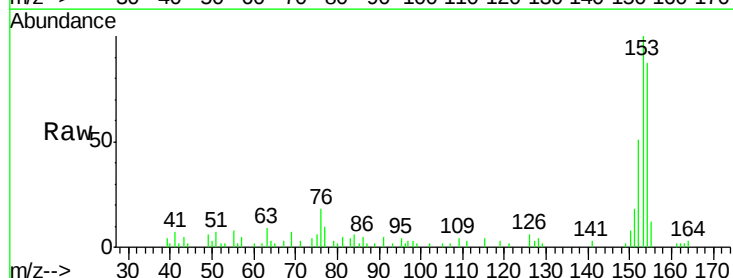
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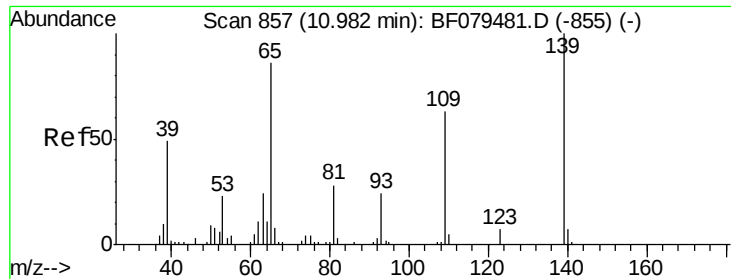
Tgt Ion:163 Resp: 36601
Ion Ratio Lower Upper
163 100
194 2.9 2.4 3.6
164 10.0 8.2 12.4



#51
Acenaphthene
Concen: 2.06 ng
RT: 10.69 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF079636.D
Acq: 31 May 2015 16:43

Tgt Ion:154 Resp: 14627
Ion Ratio Lower Upper
154 100
153 115.5 91.1 136.7
152 58.5 44.6 66.8

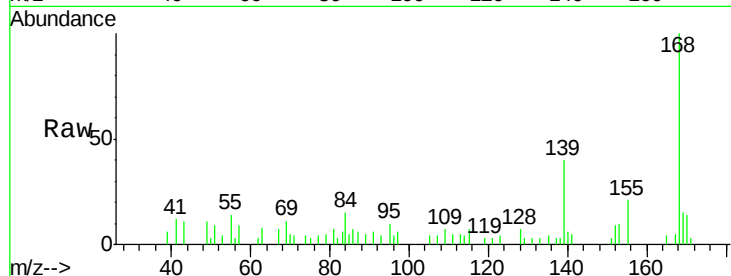




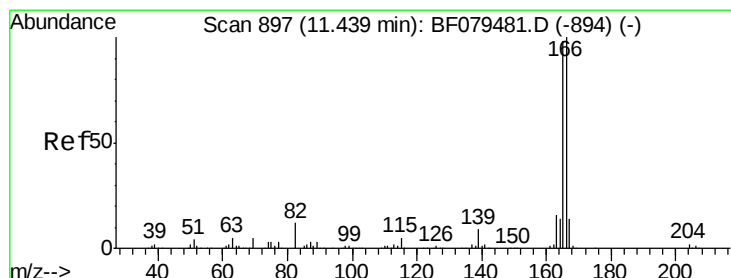
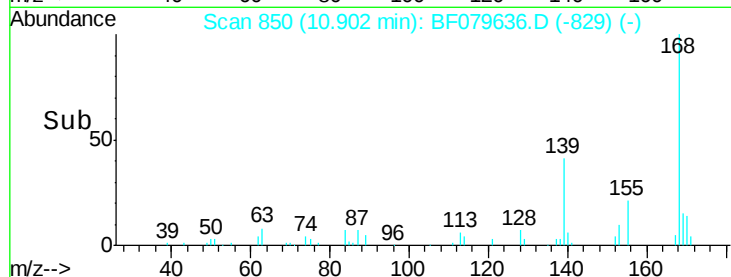
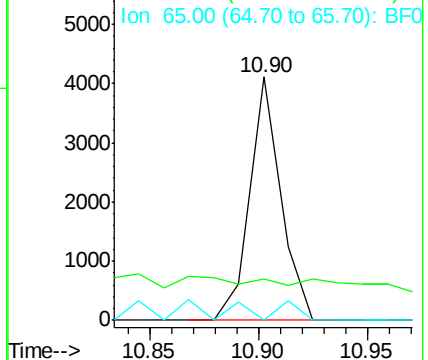
#55
4-Nitrophenol
Concen: 3.17 ng
RT: 10.90 min Scan# 850
Delta R.T. 0.03 min
Lab File: BF079636.D
Acq: 31 May 2015 16:43

Instrument :
BNA_F
ClientSampleId :
SB-20S

Tgt Ion:139 Resp: 4086
Ion Ratio Lower Upper
139 100
109 16.8 42.8 82.8#
65 0.0 66.3 106.3#

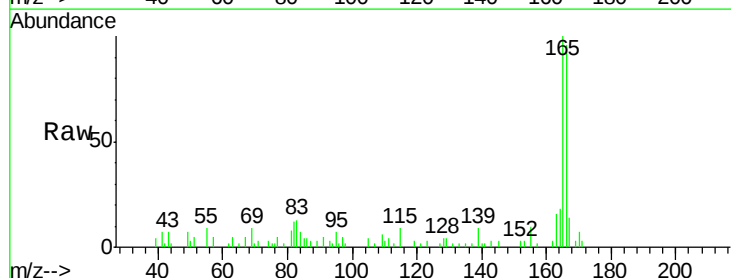


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

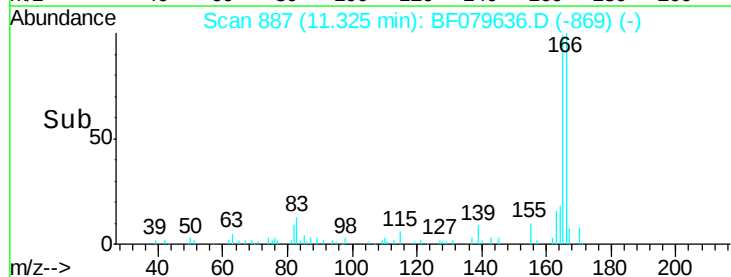
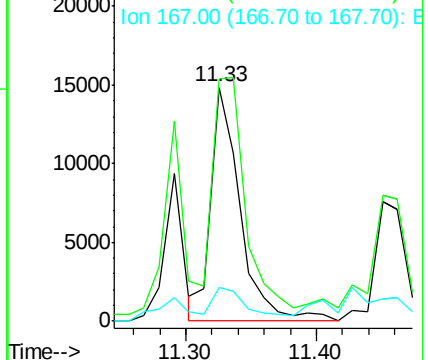


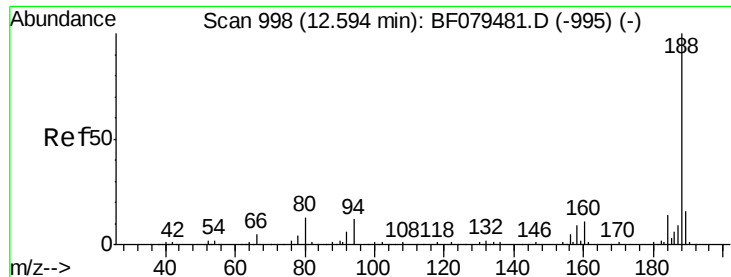
#57
Fluorene
Concen: 2.71 ng
RT: 11.33 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF079636.D
Acq: 31 May 2015 16:43

Tgt Ion:166 Resp: 23368
Ion Ratio Lower Upper
166 100
165 103.9 78.6 117.8
167 14.5 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

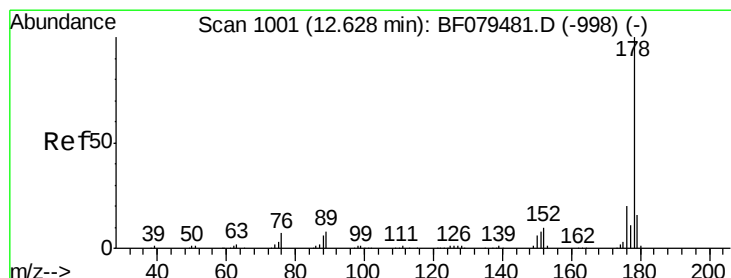
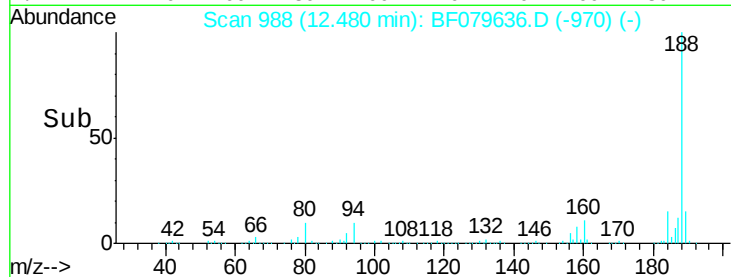
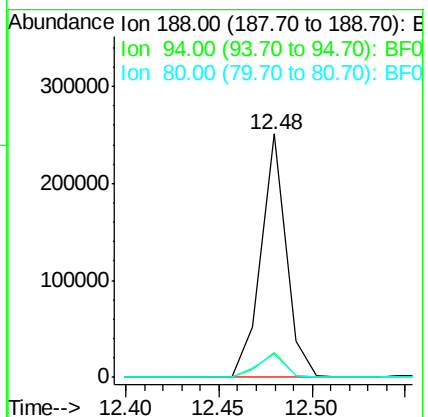
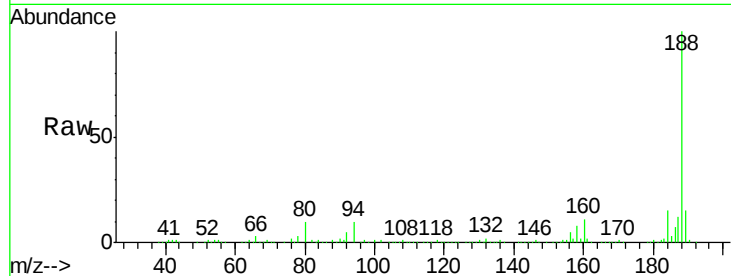




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.48 min Scan# 988
Delta R.T. 0.00 min
Lab File: BF079636.D
Acq: 31 May 2015 16:43

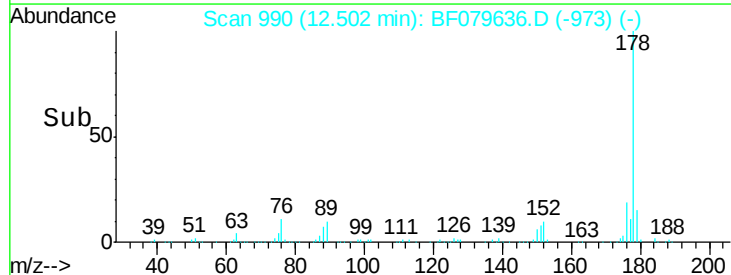
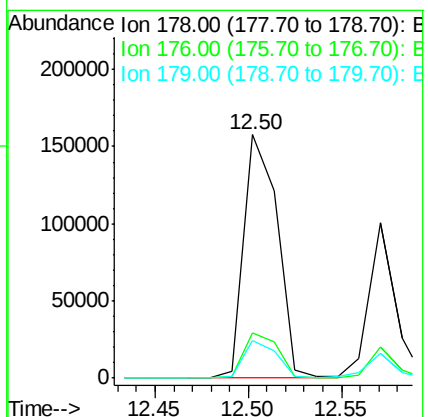
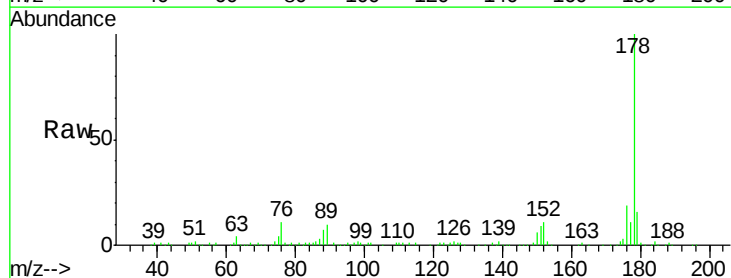
Instrument :
BNA_F
ClientSampleId :
SB-20S

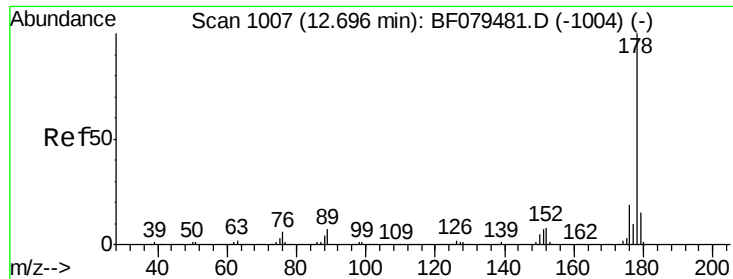
Tgt Ion:188 Resp: 235254
Ion Ratio Lower Upper
188 100
94 10.0 9.8 14.6
80 9.7 10.5 15.7#



#70
Phenanthrene
Concen: 15.51 ng
RT: 12.50 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF079636.D
Acq: 31 May 2015 16:43

Tgt Ion:178 Resp: 200198
Ion Ratio Lower Upper
178 100
176 18.7 15.7 23.5
179 15.6 12.4 18.6





#71

Anthracene

Concen: 7.22 ng

RT: 12.57 min Scan# 996

Delta R.T. 0.00 min

Lab File: BF079636.D

Acq: 31 May 2015 16:43

Instrument :

BNA_F

ClientSampleId :

SB-20S

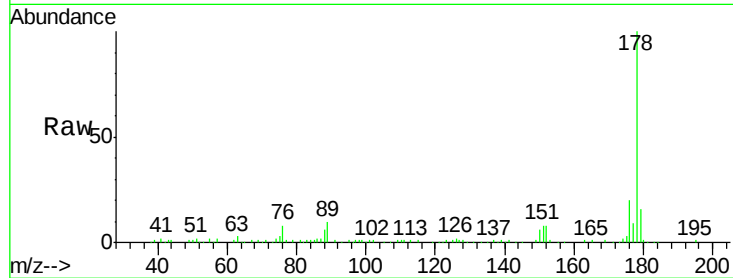
Tgt Ion:178 Resp: 94629

Ion Ratio Lower Upper

178 100

176 19.6 15.3 22.9

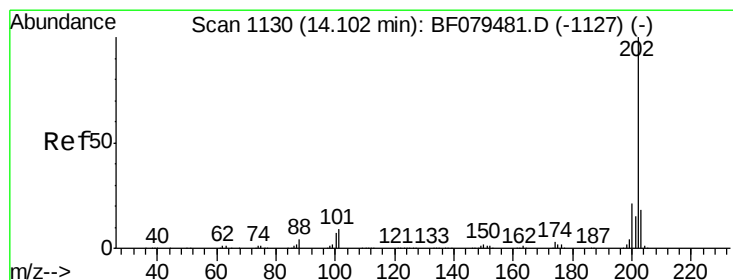
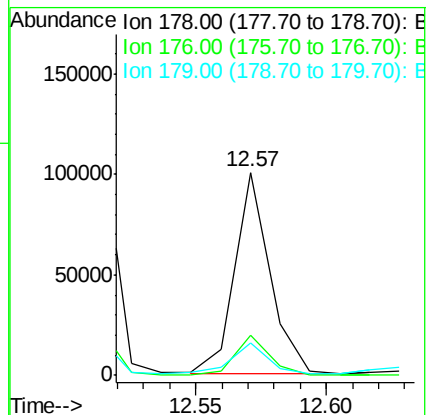
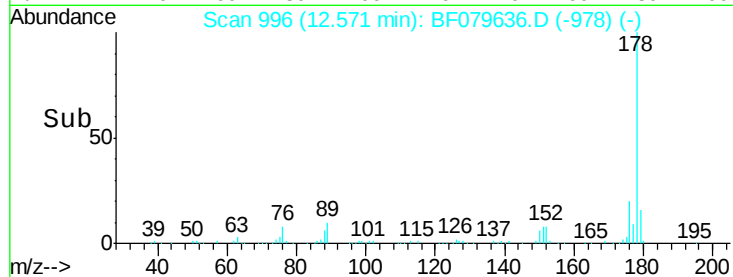
179 16.1 12.2 18.4



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



#74

Fluoranthene

Concen: 20.39 ng

RT: 13.98 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BF079636.D

Acq: 31 May 2015 16:43

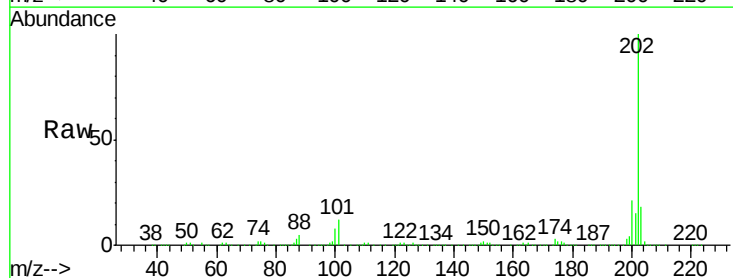
Tgt Ion:202 Resp: 282273

Ion Ratio Lower Upper

202 100

101 11.8 0.0 29.3

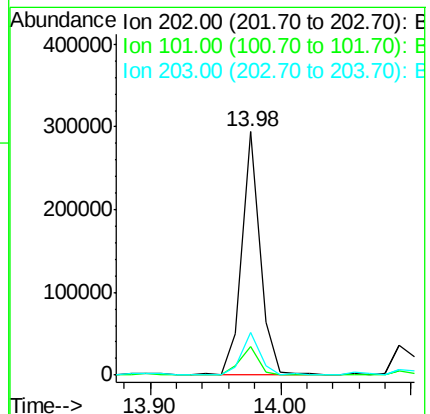
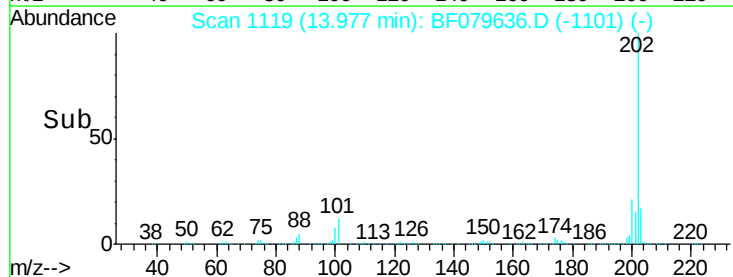
203 17.5 0.0 37.6

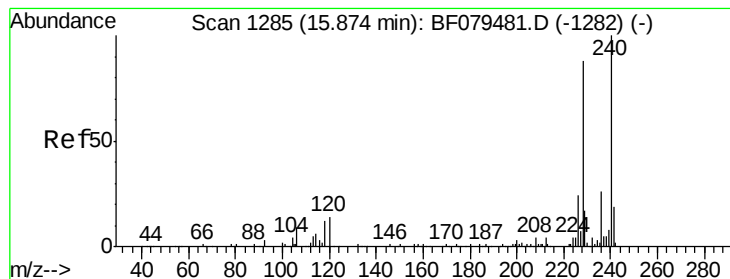


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.75 min Scan# 1274

Delta R.T. 0.00 min

Lab File: BF079636.D

Acq: 31 May 2015 16:43

Instrument :

BNA_F

ClientSampleId :

SB-20S

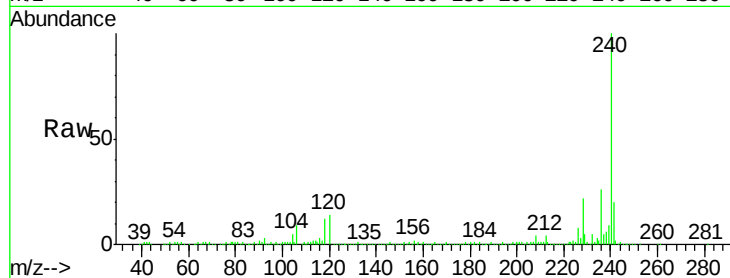
Tgt Ion:240 Resp: 244303

Ion Ratio Lower Upper

240 100

120 13.9 10.8 16.2

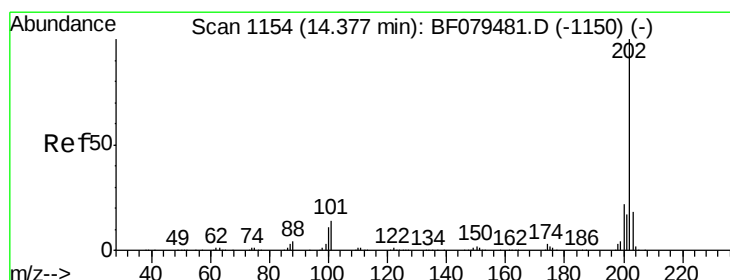
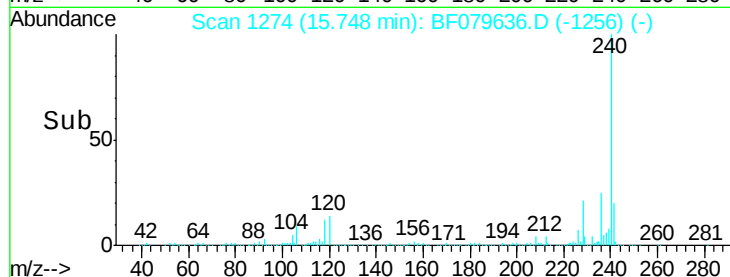
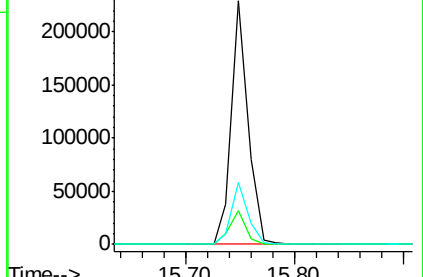
236 25.6 21.0 31.6



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



#77

Pyrene

Concen: 21.13 ng

RT: 14.25 min Scan# 1143

Delta R.T. 0.00 min

Lab File: BF079636.D

Acq: 31 May 2015 16:43

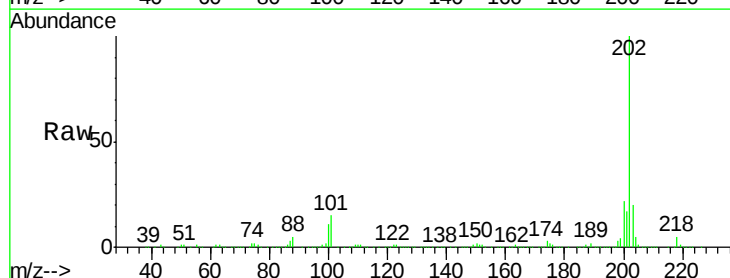
Tgt Ion:202 Resp: 319839

Ion Ratio Lower Upper

202 100

200 21.6 17.5 26.3

203 20.2 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

