

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052815\
 Data File : BF079556.D
 Acq On : 28 May 2015 20:58
 Operator : TP/IZ
 Sample : G2408-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-24S

Quant Time: May 29 08:50:04 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 28 18:41:08 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	75813	20.00	ng	0.00
21) Naphthalene-d8	8.54	136	307627	20.00	ng	0.00
38) Acenaphthene-d10	10.71	164	145998	20.00	ng	0.00
63) Phenanthrene-d10	12.54	188	279856	20.00	ng	0.00
75) Chrysene-d12	15.83	240	303817	20.00	ng	-0.01
86) Perylene-d12	17.59	264	311594	20.00	ng	-0.08

System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	319206	73.03	ng	0.01
7) Phenol-d6	6.57	99	422750	75.88	ng	0.01
23) Nitrobenzene-d5	7.66	82	239353	44.98	ng	-0.01
41) 2,4,6-Tribromophenol	11.69	330	122077	76.13	ng	0.00
44) 2-Fluorobiphenyl	9.88	172	483395	47.24	ng	0.00
78) Terphenyl-d14	14.54	244	567506	43.84	ng	0.00

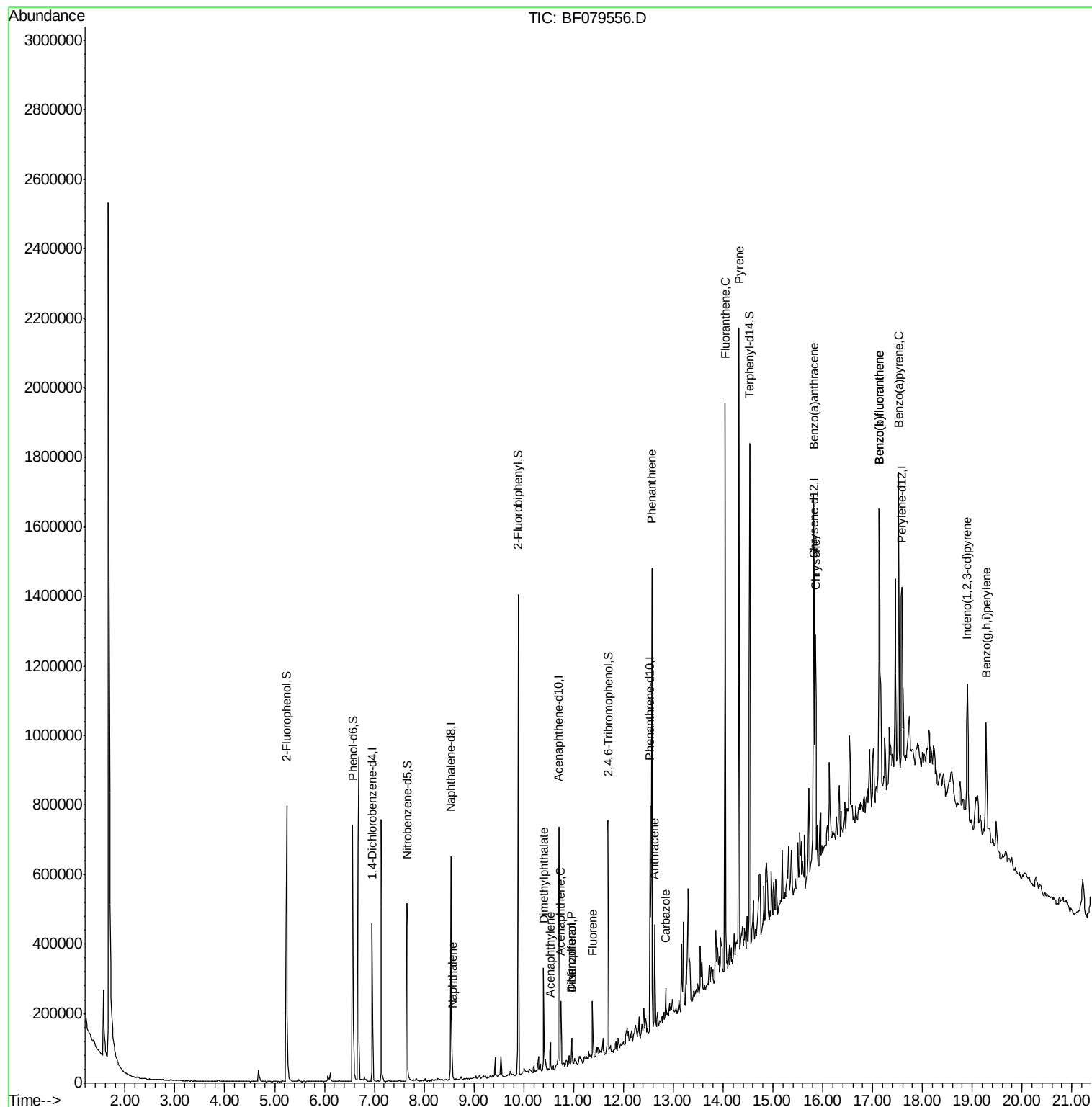
Target Compounds				Qvalue		
31) Naphthalene	8.57	128	50269	3.41	ng	98
48) Acenaphthylene	10.54	152	38662	2.59	ng	97
49) Dimethylphthalate	10.40	163	118678	11.03	ng	100
51) Acenaphthene	10.74	154	42814	5.01	ng	99
54) Dibenzofuran	10.96	168	30380	2.41	ng	99
55) 4-Nitrophenol	10.96	139	12607	8.13	ng	# 22
57) Fluorene	11.38	166	50917	4.90	ng	95
70) Phenanthrene	12.57	178	545573	35.54	ng	99
71) Anthracene	12.63	178	150174	9.63	ng	97
72) Carbazole	12.85	167	42553	2.84	ng	95
73) Di-n-butylphthalate	13.30	149	5625	Below Cal	#	46
74) Fluoranthene	14.05	202	805294	48.91	ng	98
77) Pyrene	14.32	202	813828	43.24	ng	98
80) Benzo(a)anthracene	15.82	228	419381	24.00	ng	99
82) Chrysene	15.85	228	315018	18.96	ng	98
85) Indeno(1,2,3-cd)pyrene	18.90	276	263530	12.33	ng	97
87) Benzo(b)fluoranthene	17.13	252	703279	39.57	ng	# 95
88) Benzo(k)fluoranthene	17.13	252	703279	44.25	ng	# 94
89) Benzo(a)pyrene	17.52	252	418373	26.04	ng	# 96
90) Dibenzo(a,h)anthracene	18.98	278	22476	Below Cal	#	61
91) Benzo(g,h,i)perylene	19.28	276	268202	15.35	ng	97

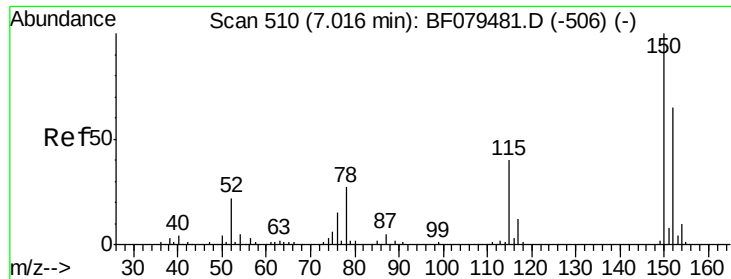
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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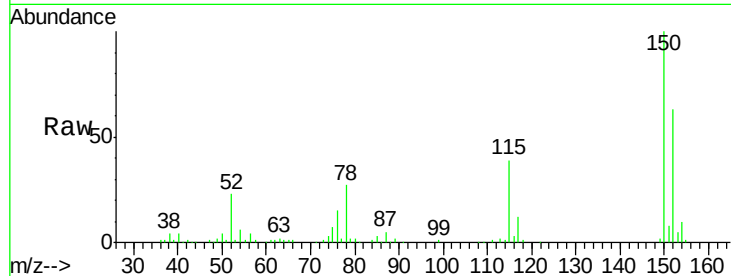




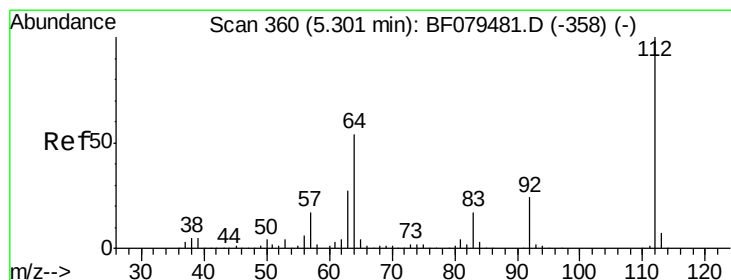
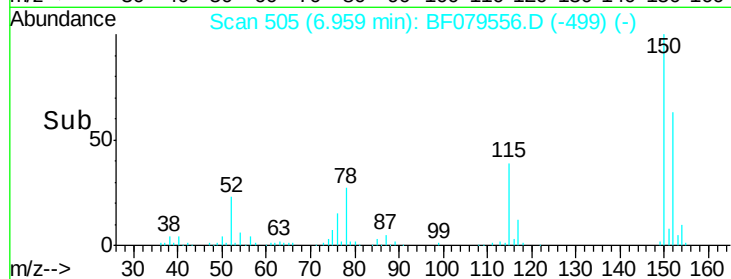
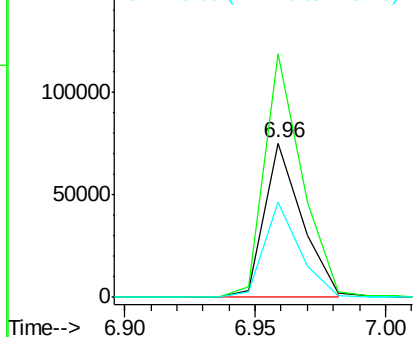
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.96 min Scan# 505
 Delta R.T. 0.00 min
 Lab File: BF079556.D
 Acq: 28 May 2015 20:58

Instrument :
 BNA_G
 ClientSampleId :
 SB-24S

Tgt Ion:152 Resp: 75813
 Ion Ratio Lower Upper
 152 100
 150 158.0 124.0 186.0
 115 61.6 49.6 74.4

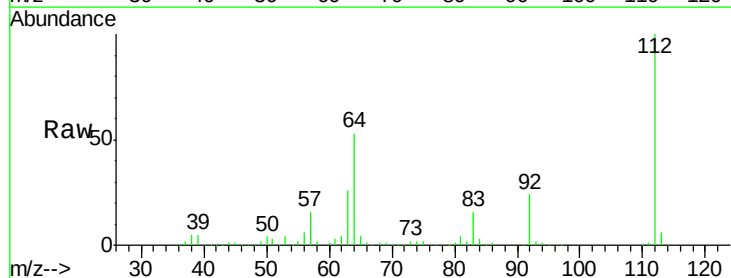


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

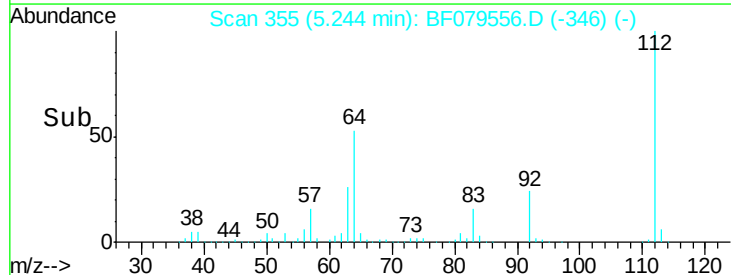
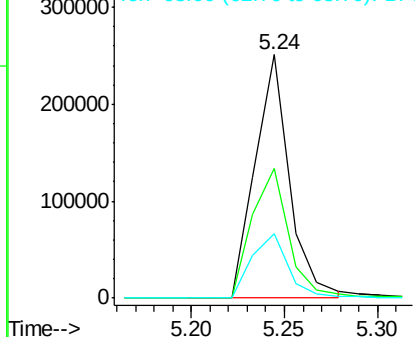


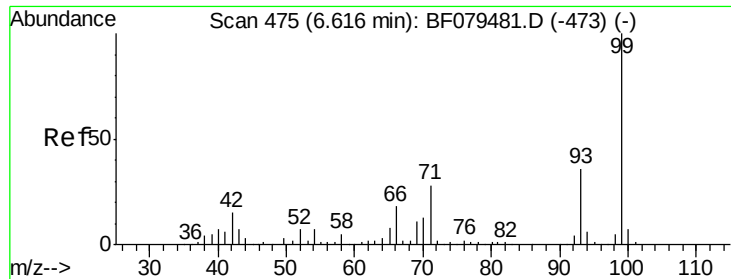
#5
 2-Fluorophenol
 Concen: 73.03 ng
 RT: 5.24 min Scan# 355
 Delta R.T. 0.01 min
 Lab File: BF079556.D
 Acq: 28 May 2015 20:58

Tgt Ion:112 Resp: 319206
 Ion Ratio Lower Upper
 112 100
 64 53.1 43.5 65.3
 63 26.4 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: 75.88 ng

RT: 6.57 min Scan# 471

Delta R.T. 0.01 min

Lab File: BF079556.D

Acq: 28 May 2015 20:58

Instrument :

BNA_G

ClientSampleId :

SB-24S

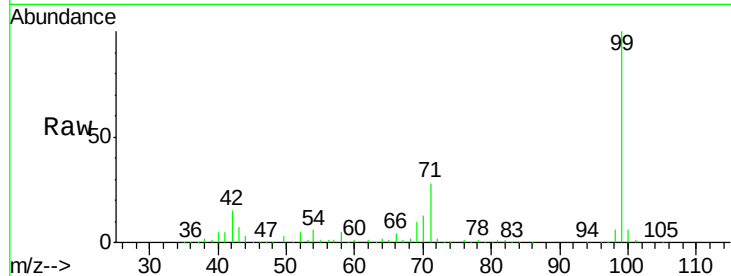
Tgt Ion: 99 Resp: 422750

Ion Ratio Lower Upper

99 100

42 14.8 11.9 17.9

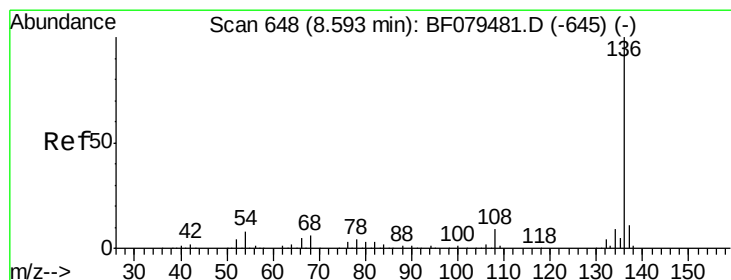
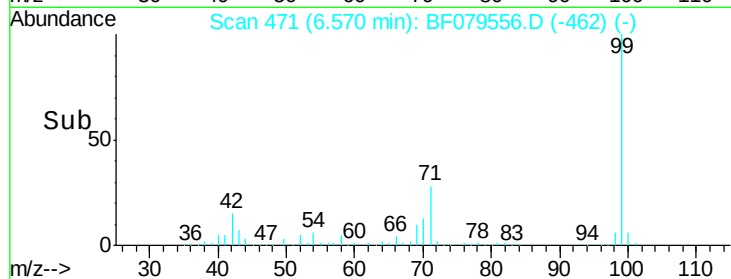
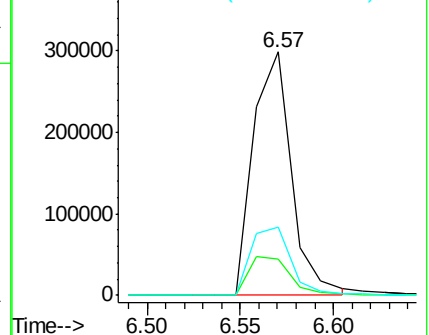
71 28.0 22.1 33.1



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: 8.54 min Scan# 643

Delta R.T. 0.00 min

Lab File: BF079556.D

Acq: 28 May 2015 20:58

Tgt Ion: 136 Resp: 307627

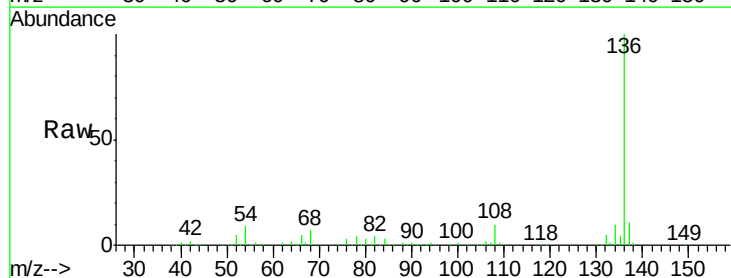
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 8.6 6.6 9.8

68 6.7 4.7 7.1

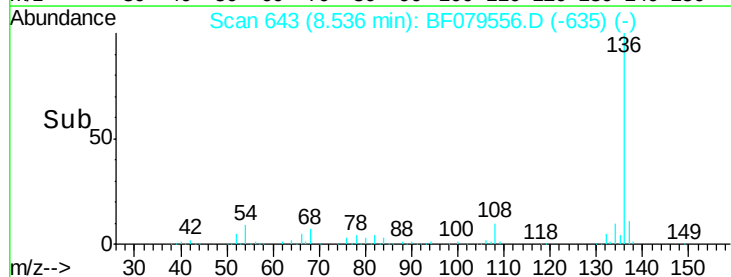
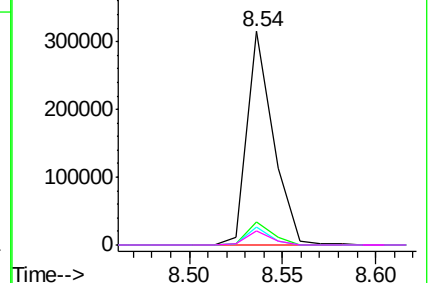


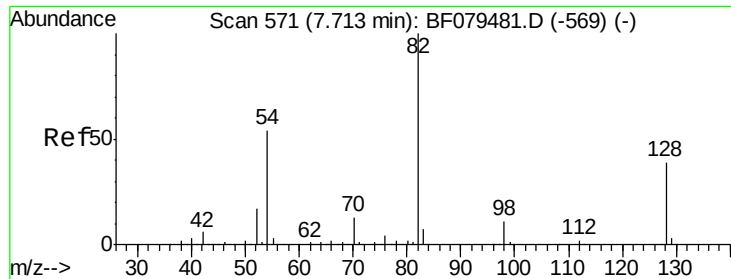
Abundance Ion 136.00 (135.70 to 136.70): E

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

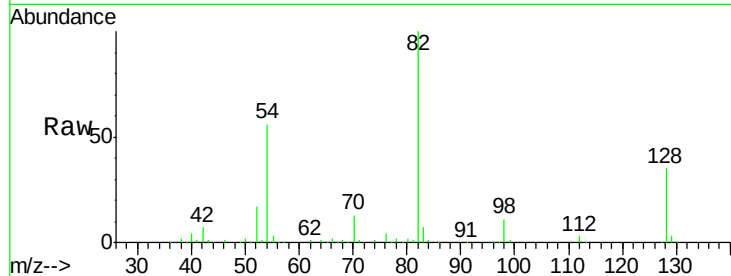




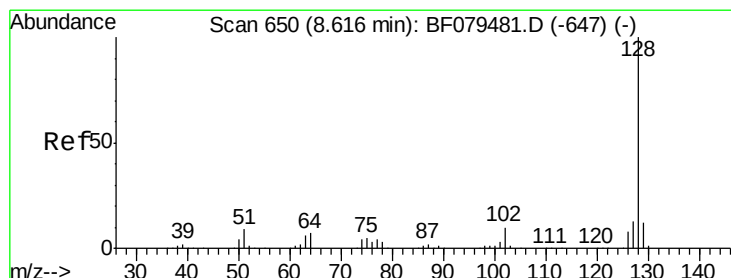
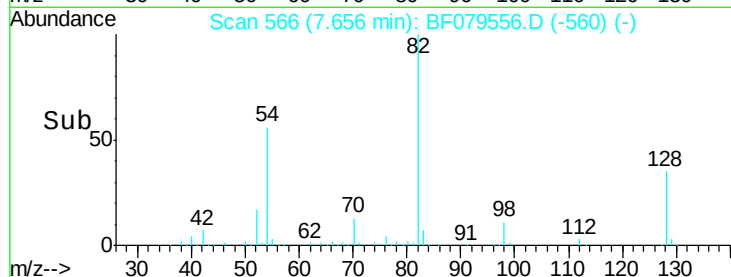
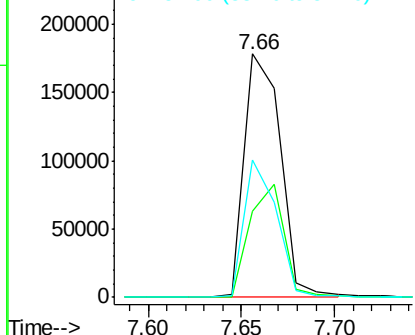
#23
 Nitrobenzene-d5
 Concen: 44.98 ng
 RT: 7.66 min Scan# 566
 Delta R.T. -0.01 min
 Lab File: BF079556.D
 Acq: 28 May 2015 20:58

Instrument :
 BNA_G
 ClientSampleID :
 SB-24S

Tgt Ion: 82 Resp: 239353
 Ion Ratio Lower Upper
 82 100
 128 35.2 30.8 46.2
 54 56.2 42.8 64.2

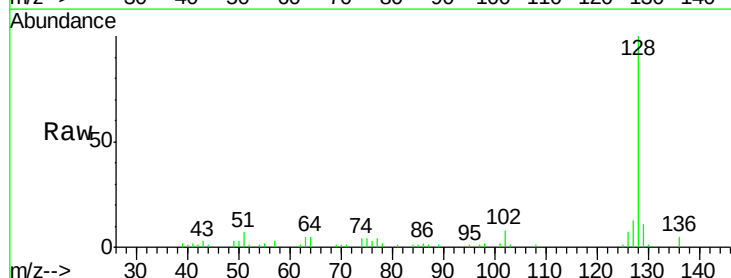


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

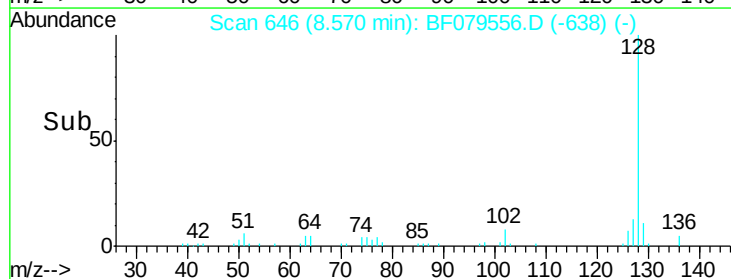
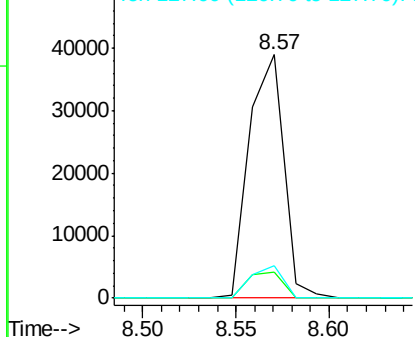


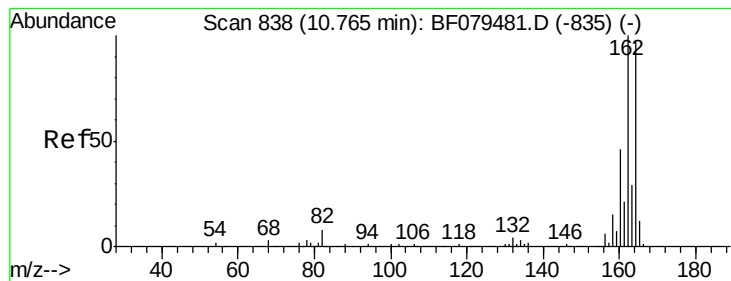
#31
 Naphthalene
 Concen: 3.41 ng
 RT: 8.57 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF079556.D
 Acq: 28 May 2015 20:58

Tgt Ion: 128 Resp: 50269
 Ion Ratio Lower Upper
 128 100
 129 10.6 9.3 13.9
 127 13.4 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.71 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF079556.D

Acq: 28 May 2015 20:58

Instrument :

BNA_G

ClientSampleId :

SB-24S

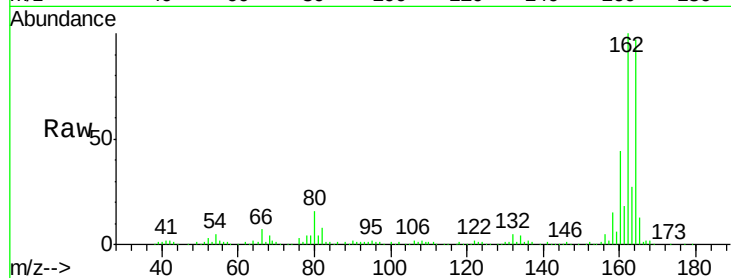
Tgt Ion:164 Resp: 145998

Ion Ratio Lower Upper

164 100

162 103.5 82.6 124.0

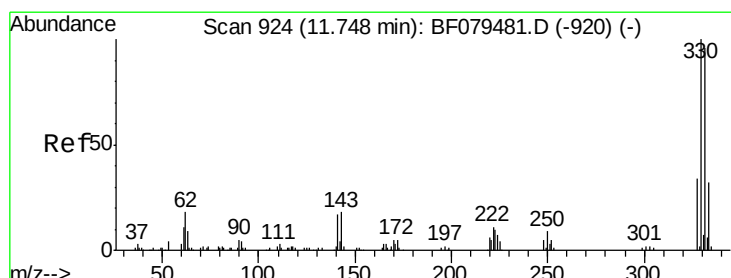
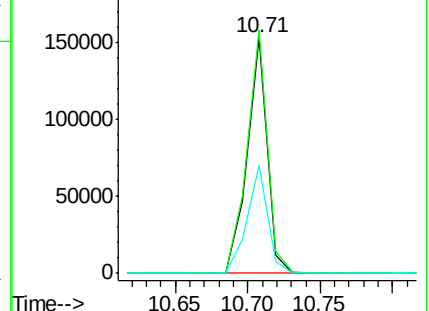
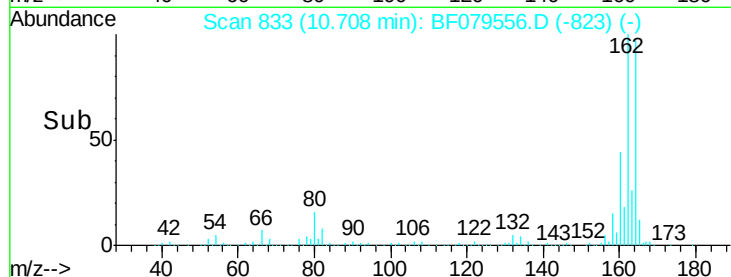
160 45.7 37.7 56.5



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: 76.13 ng

RT: 11.69 min Scan# 919

Delta R.T. 0.00 min

Lab File: BF079556.D

Acq: 28 May 2015 20:58

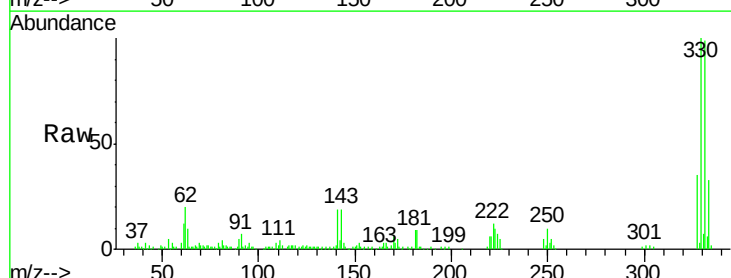
Tgt Ion:330 Resp: 122077

Ion Ratio Lower Upper

330 100

332 98.8 0.0 0.0#

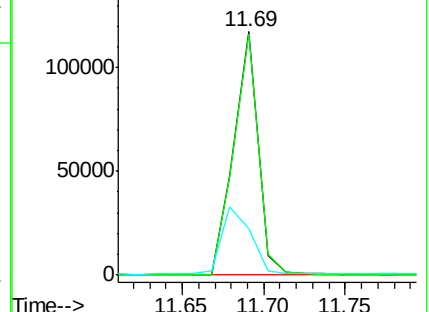
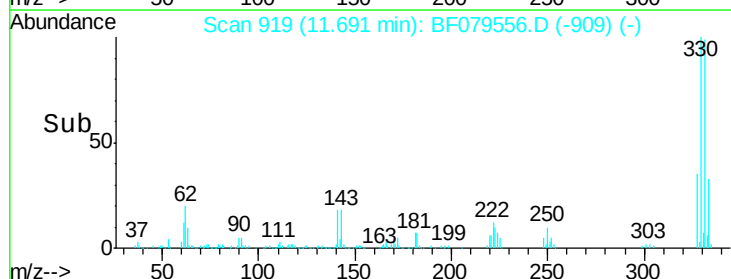
141 33.7 0.0 0.0#

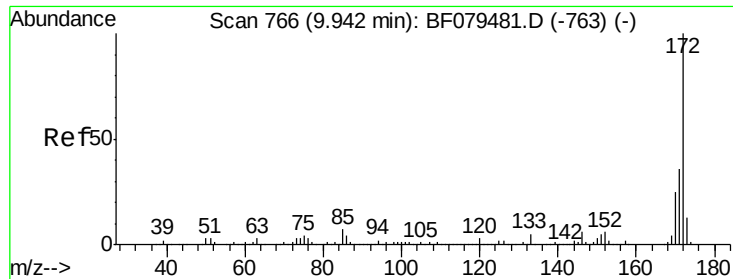


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

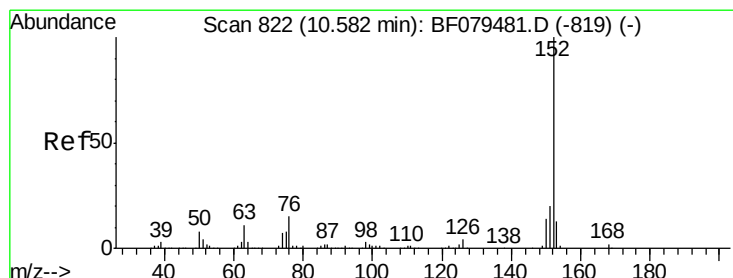
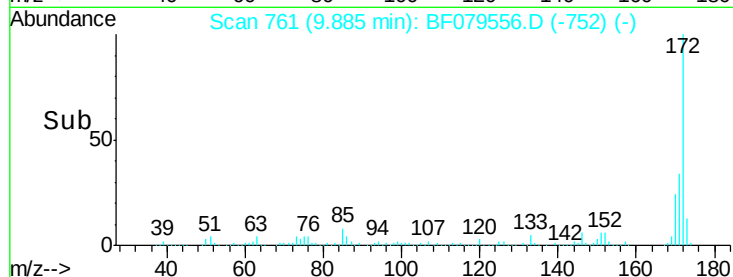
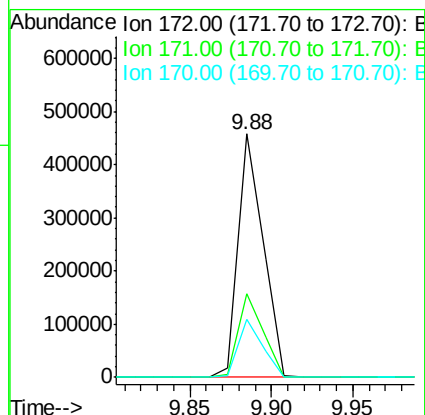
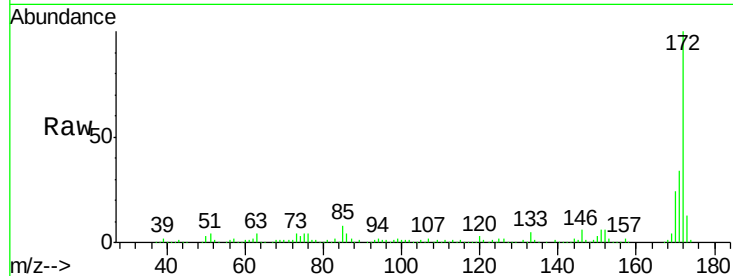




#44
 2-Fluorobiphenyl
 Concen: 47.24 ng
 RT: 9.88 min Scan# 761
 Delta R.T. 0.00 min
 Lab File: BF079556.D
 Acq: 28 May 2015 20:58

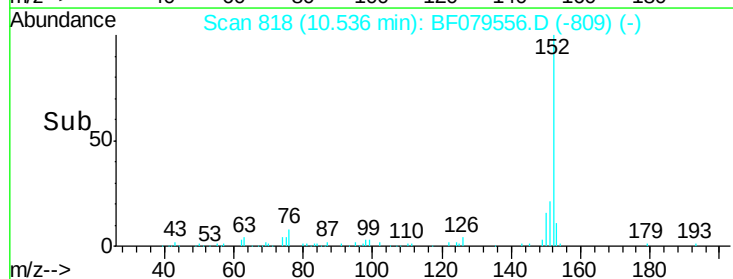
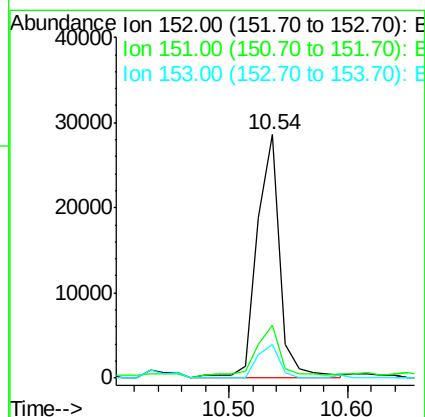
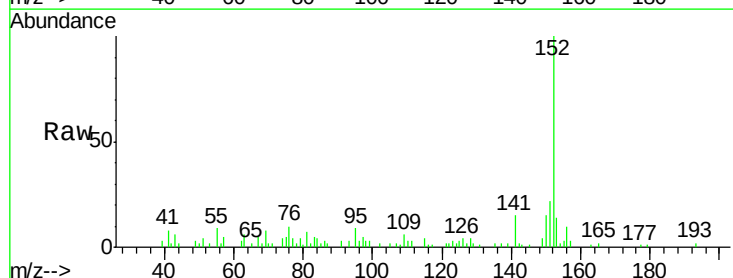
Instrument :
 BNA_G
 ClientSampleId :
 SB-24S

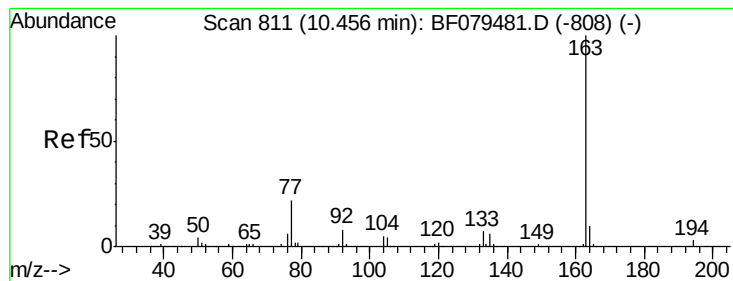
Tgt Ion:172 Resp: 483395
 Ion Ratio Lower Upper
 172 100
 171 34.4 28.5 42.7
 170 23.7 19.7 29.5



#48
 Acenaphthylene
 Concen: 2.59 ng
 RT: 10.54 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF079556.D
 Acq: 28 May 2015 20:58

Tgt Ion:152 Resp: 38662
 Ion Ratio Lower Upper
 152 100
 151 21.8 15.8 23.8
 153 13.9 10.7 16.1





#49

Dimethylphthalate

Concen: 11.03 ng

RT: 10.40 min Scan# 806

Delta R.T. -0.01 min

Lab File: BF079556.D

Acq: 28 May 2015 20:58

Instrument :

BNA_G

ClientSampleId :

SB-24S

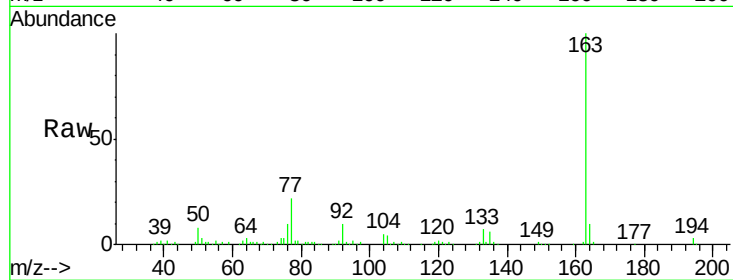
Tgt Ion:163 Resp: 118678

Ion Ratio Lower Upper

163 100

194 3.1 2.4 3.6

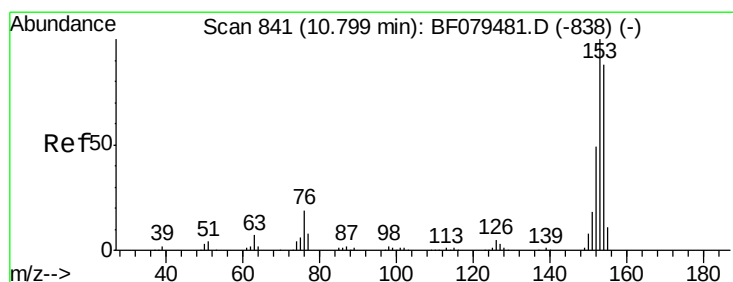
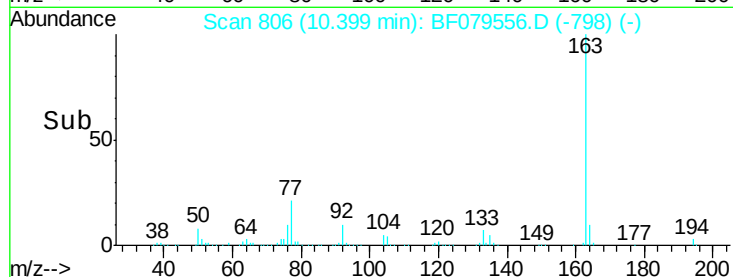
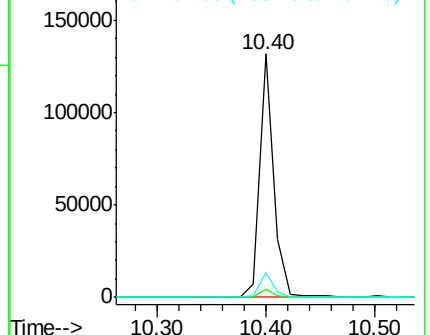
164 10.4 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

Acenaphthene

Concen: 5.01 ng

RT: 10.74 min Scan# 836

Delta R.T. 0.00 min

Lab File: BF079556.D

Acq: 28 May 2015 20:58

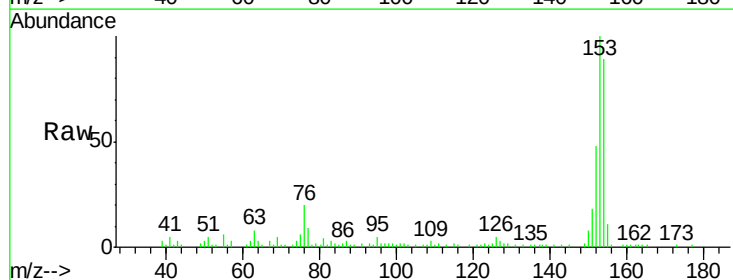
Tgt Ion:154 Resp: 42814

Ion Ratio Lower Upper

154 100

153 112.6 91.1 136.7

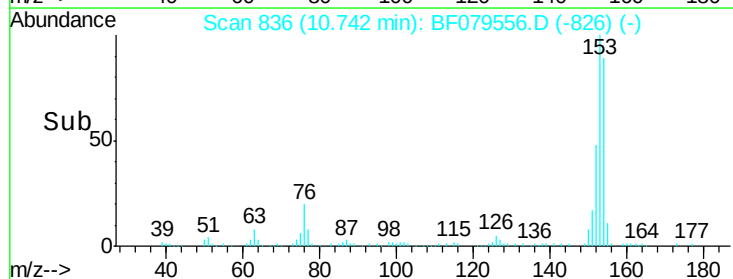
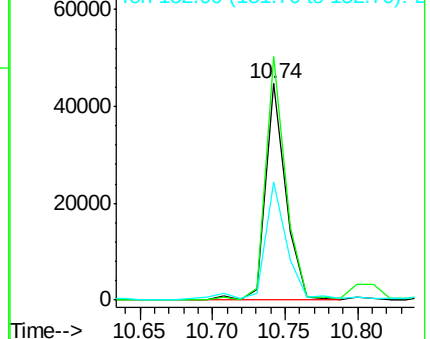
152 54.5 44.6 66.8

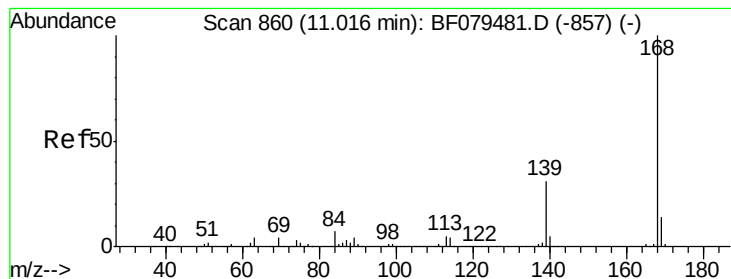


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#54

Dibenzenofuran

Concen: 2.41 ng

RT: 10.96 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF079556.D

Acq: 28 May 2015 20:58

Instrument :

BNA_G

ClientSampleId :

SB-24S

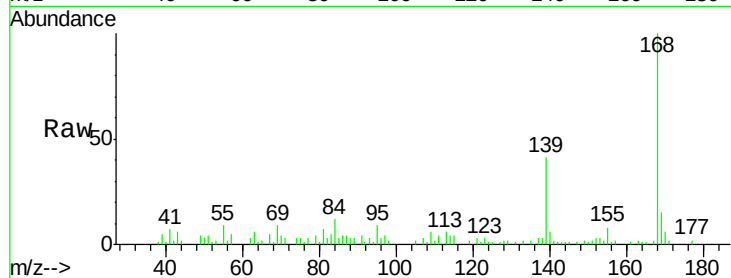
Tgt Ion:168 Resp: 30380

Ion Ratio Lower Upper

168 100

139 41.5 32.9 49.3

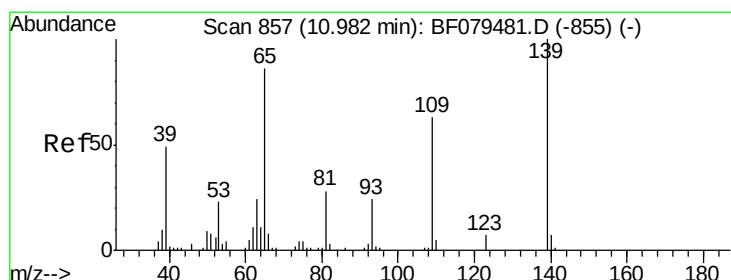
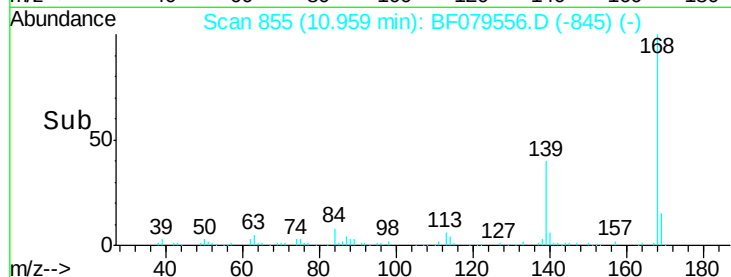
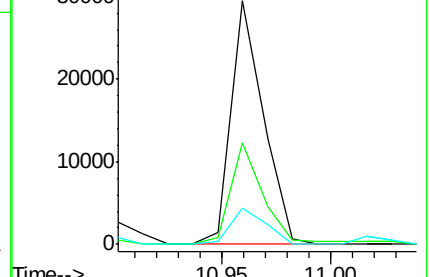
169 15.0 11.1 16.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 8.13 ng

RT: 10.96 min Scan# 855

Delta R.T. 0.03 min

Lab File: BF079556.D

Acq: 28 May 2015 20:58

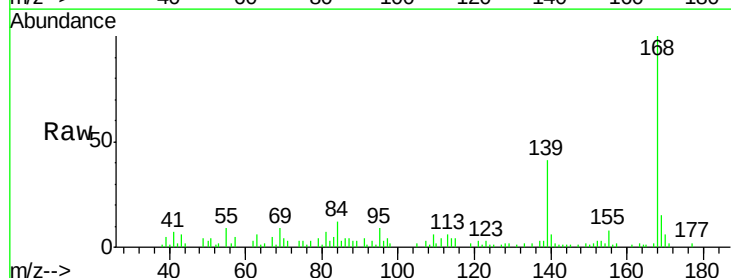
Tgt Ion:139 Resp: 12607

Ion Ratio Lower Upper

139 100

109 13.9 42.8 82.8#

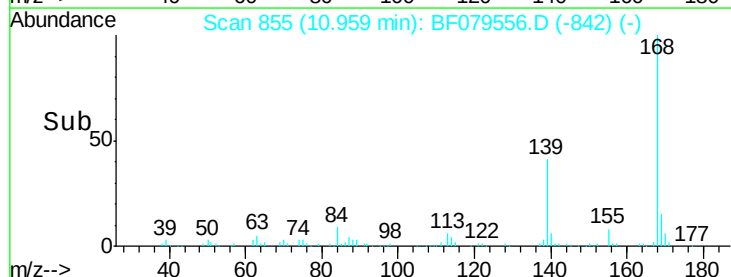
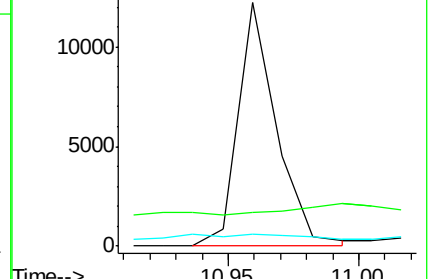
65 4.8 66.3 106.3#

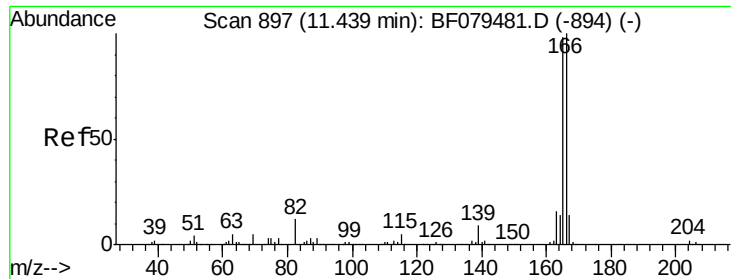


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

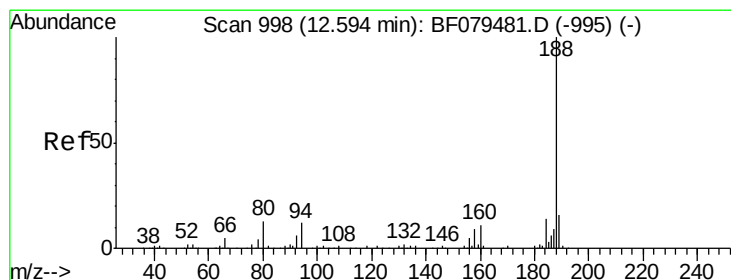
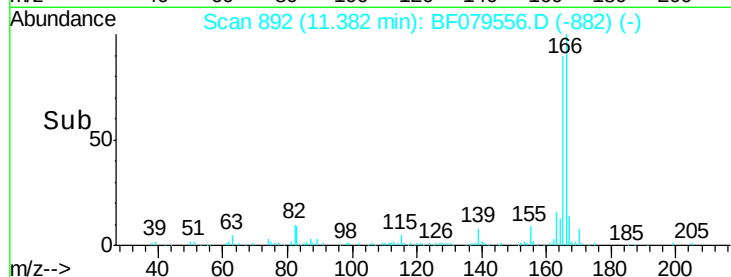
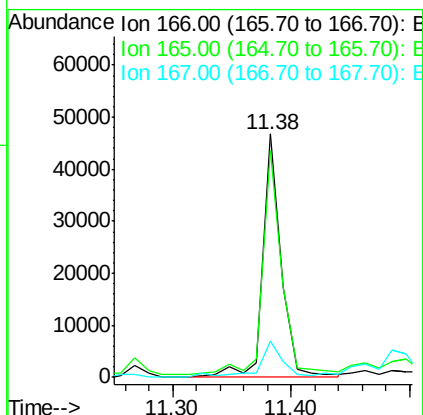
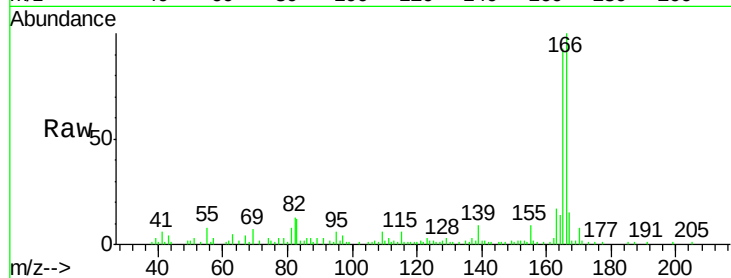




#57
 Fluorene
 Concen: 4.90 ng
 RT: 11.38 min Scan# 892
 Delta R.T. 0.00 min
 Lab File: BF079556.D
 Acq: 28 May 2015 20:58

Instrument :
 BNA_G
 ClientSampleId :
 SB-24S

Tgt Ion:166 Resp: 50917
 Ion Ratio Lower Upper
 166 100
 165 93.3 78.6 117.8
 167 14.8 10.8 16.2



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.54 min Scan# 993
 Delta R.T. 0.00 min
 Lab File: BF079556.D
 Acq: 28 May 2015 20:58

Tgt Ion:188 Resp: 279856
 Ion Ratio Lower Upper
 188 100
 94 12.8 9.8 14.6
 80 12.9 10.5 15.7

