

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052715\
 Data File : BF079521.D
 Acq On : 27 May 2015 16:34
 Operator : TP/IZ
 Sample : G2359-11
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-26D

Quant Time: May 28 00:56:01 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 00:48:25 2015
 Response via : Initial Calibration

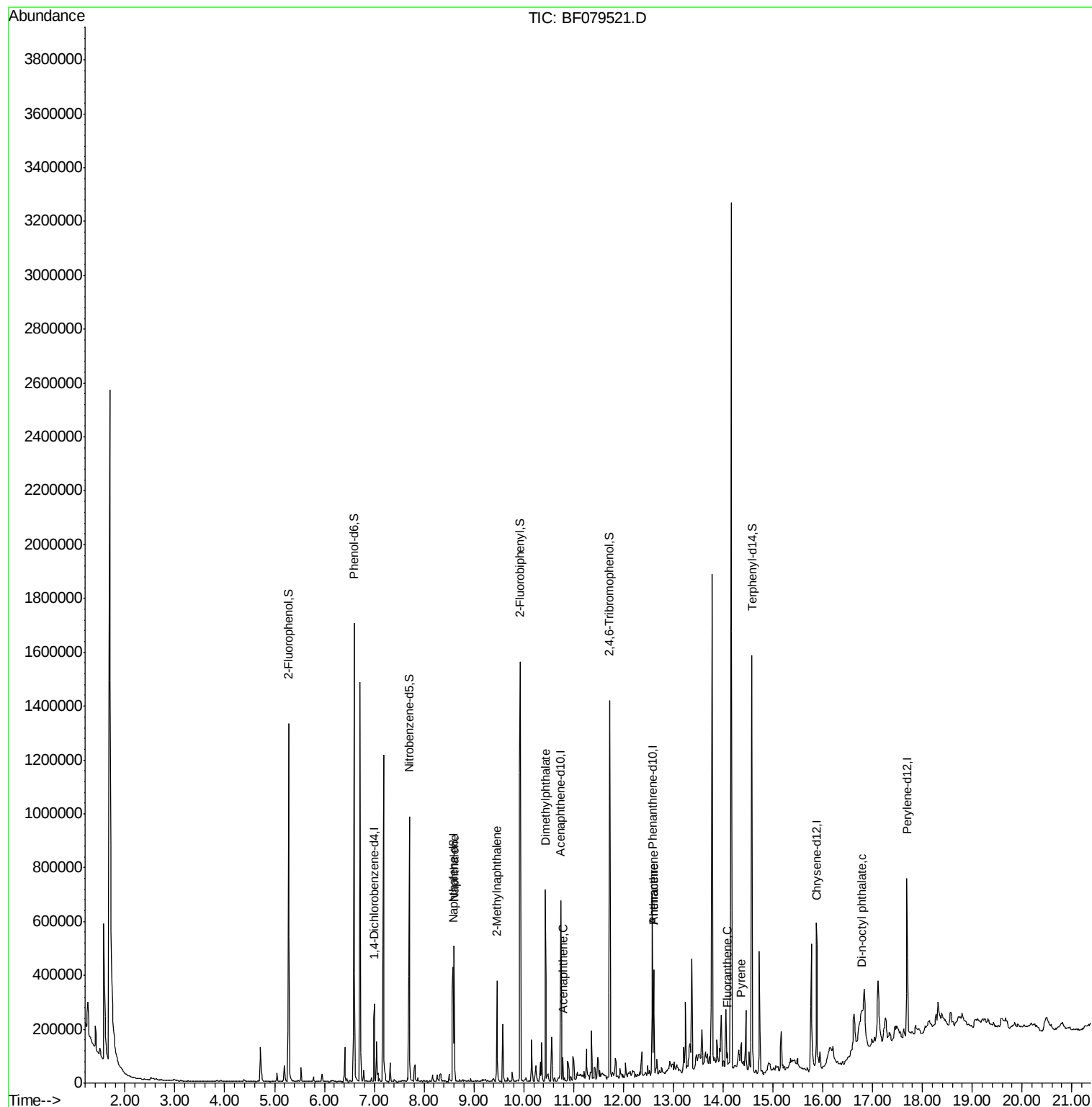
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	63096	20.00	ng	0.00
21) Naphthalene-d8	8.58	136	265563	20.00	ng	0.00
38) Acenaphthene-d10	10.74	164	135015	20.00	ng	0.00
63) Phenanthrene-d10	12.58	188	260913	20.00	ng	0.00
75) Chrysene-d12	15.89	240	264065	20.00	ng	-0.06
86) Perylene-d12	17.69	264	282991	20.00	ng	-0.19
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	421669	115.91	ng	0.00
7) Phenol-d6	6.59	99	592468	127.78	ng	0.00
23) Nitrobenzene-d5	7.70	82	341694	74.38	ng	0.00
41) 2,4,6-Tribromophenol	11.73	330	186513	125.77	ng	-0.01
44) 2-Fluorobiphenyl	9.93	172	652092	68.91	ng	0.00
78) Terphenyl-d14	14.58	244	763773	67.88	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.44	77	1176	Below Cal	Qvalue #	1
31) Naphthalene	8.60	128	231873	18.19 ng		99
37) 2-Methylnaphthalene	9.46	142	105781	11.96 ng		98
49) Dimethylphthalate	10.43	163	356886	35.87 ng		98
51) Acenaphthene	10.79	154	26952	3.41 ng		96
70) Phenanthrene	12.61	178	184036	12.86 ng		99
71) Anthracene	12.61	178	184036	12.66 ng		100
73) Di-n-butylphthalate	13.35	149	7731	Below Cal	#	65
74) Fluoranthene	14.08	202	40836	2.66 ng		94
77) Pyrene	14.37	202	41188	2.52 ng		97
84) Di-n-octyl phthalate	16.78	149	71096	3.88 ng	#	83
89) Benzo(a)pyrene	17.62	252	14055	Below Cal	#	88
90) Dibenzo(a,h)anthracene	19.13	278	2114	Below Cal	#	1
91) Benzo(g,h,i)perylene	19.43	276	10362	Below Cal	#	83

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

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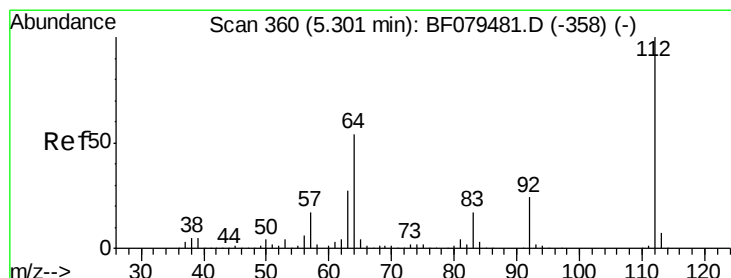
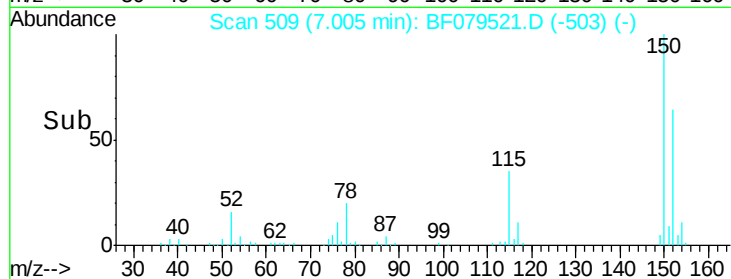
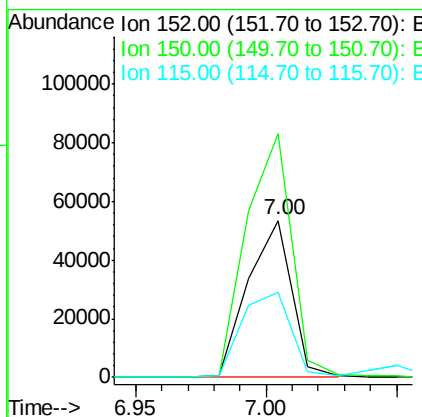
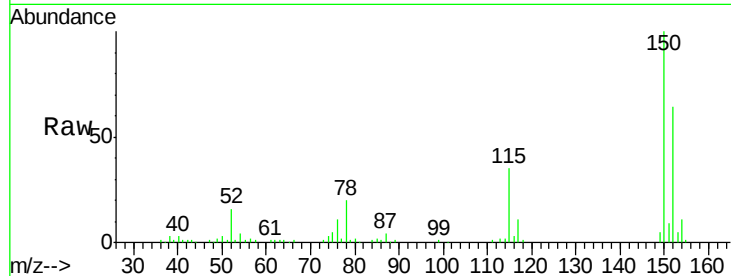


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.00 min Scan# 509
Delta R.T. 0.00 min
Lab File: BF079521.D
Acq: 27 May 2015 16:34

Instrument :
BNA_F
ClientSampleId :
SB-26D

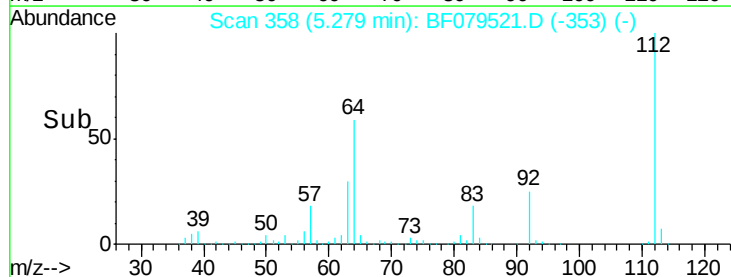
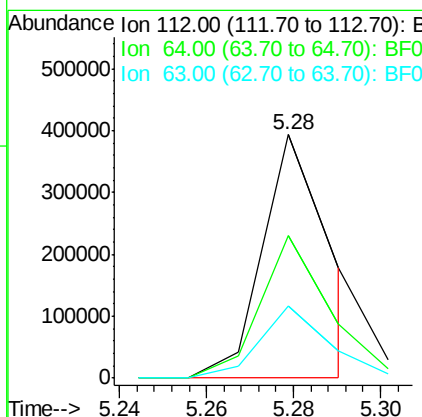
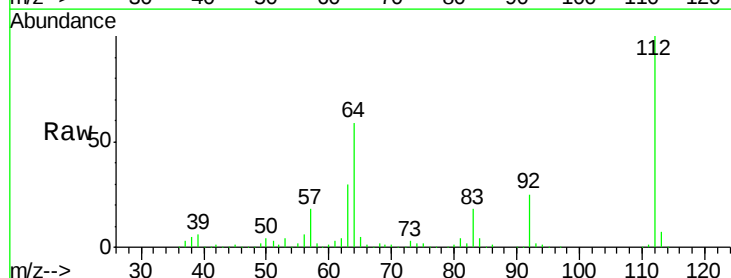
Tgt Ion:152 Resp: 63096
Ion Ratio Lower Upper
152 100
150 155.3 124.0 186.0
115 54.4 49.6 74.4

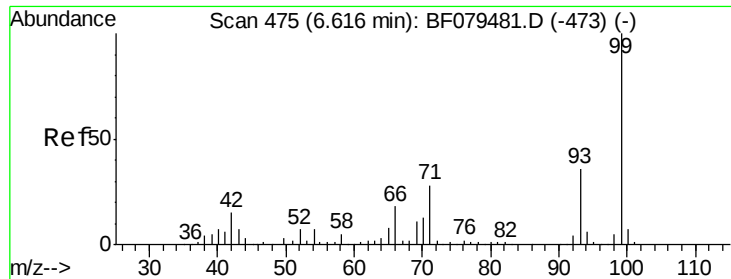


#5

2-Fluorophenol
Concen: 115.91 ng
RT: 5.28 min Scan# 358
Delta R.T. 0.00 min
Lab File: BF079521.D
Acq: 27 May 2015 16:34

Tgt Ion:112 Resp: 421669
Ion Ratio Lower Upper
112 100
64 58.6 43.5 65.3
63 29.6 21.8 32.8





#7

Phenol-d6

Concen: 127.78 ng

RT: 6.59 min Scan# 473

Delta R.T. 0.00 min

Lab File: BF079521.D

Acq: 27 May 2015 16:34

Instrument :

BNA_F

ClientSampleId :

SB-26D

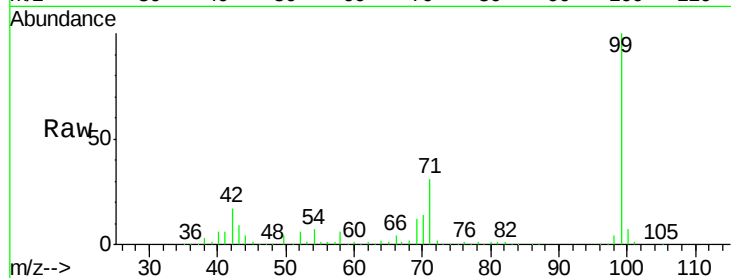
Tgt Ion: 99 Resp: 592468

Ion Ratio Lower Upper

99 100

42 16.9 11.9 17.9

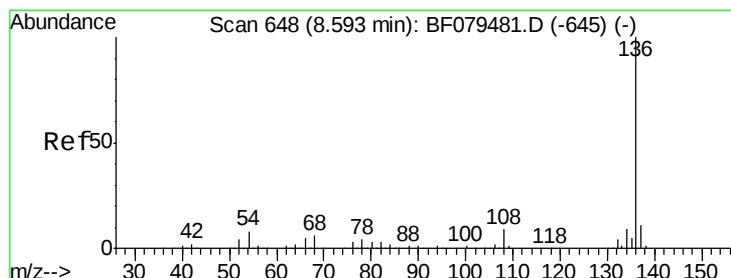
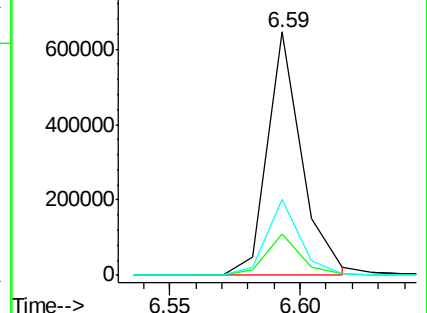
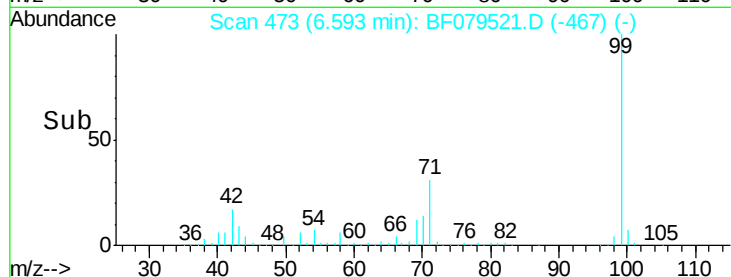
71 31.0 22.1 33.1



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: 8.58 min Scan# 647

Delta R.T. 0.00 min

Lab File: BF079521.D

Acq: 27 May 2015 16:34

Tgt Ion: 136 Resp: 265563

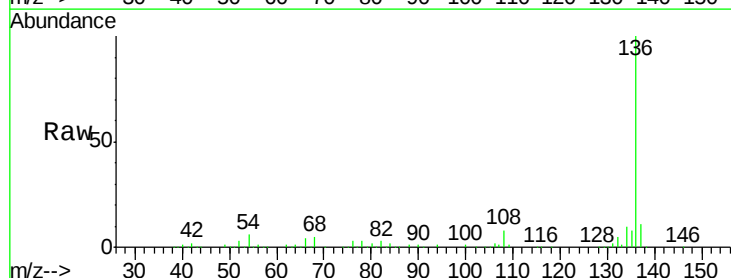
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 5.9 6.6 9.8#

68 4.8 4.7 7.1

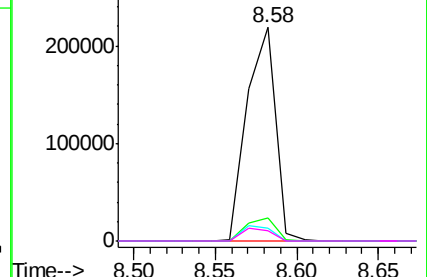
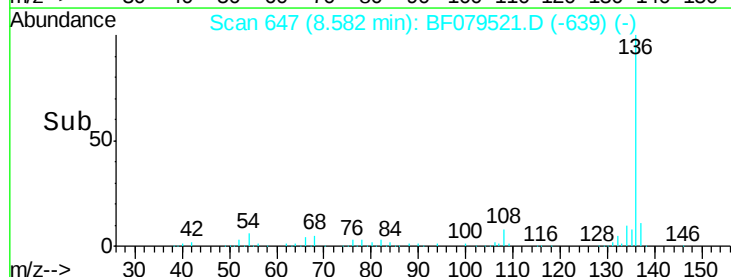


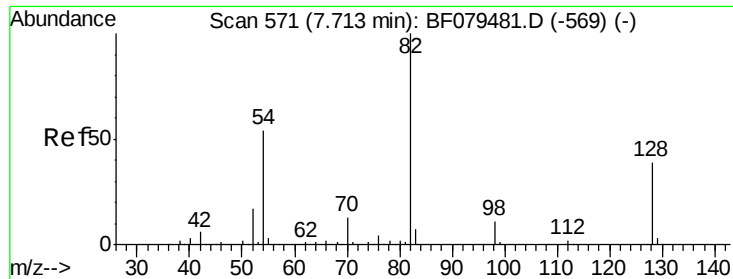
Abundance Ion 136.00 (135.70 to 136.70): E

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

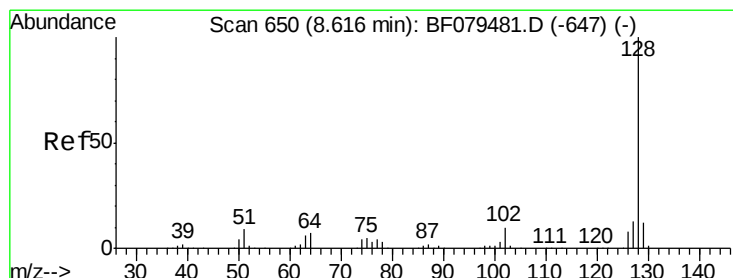
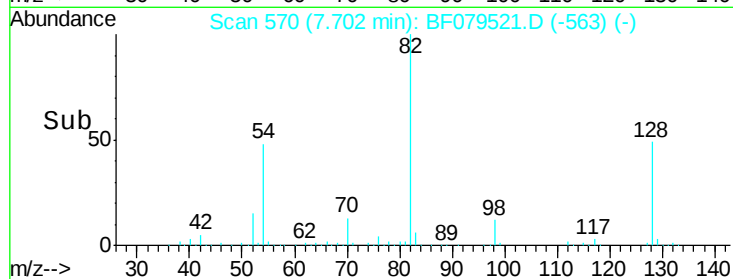
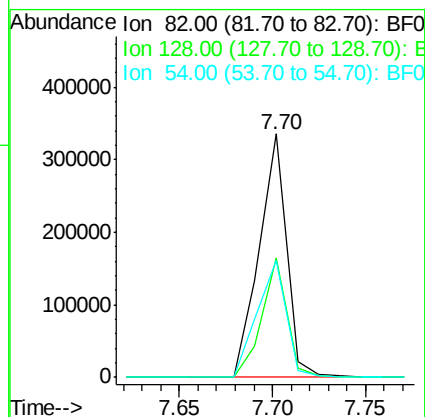
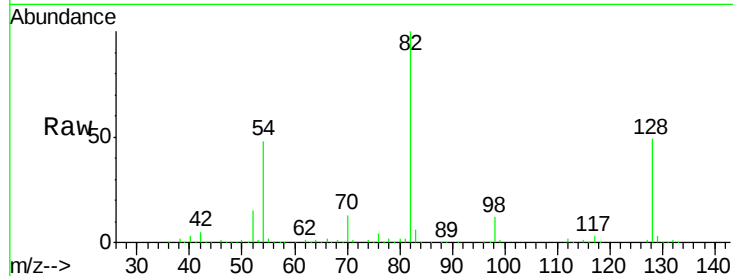




#23
Nitrobenzene-d5
Concen: 74.38 ng
RT: 7.70 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF079521.D
Acq: 27 May 2015 16:34

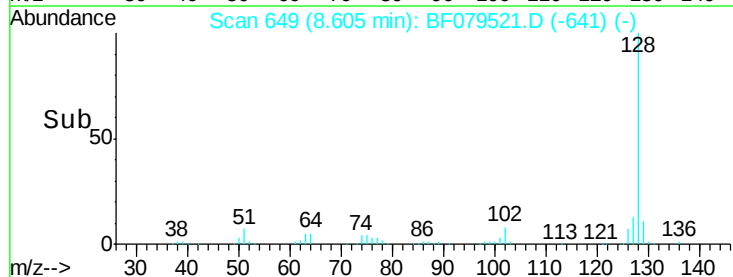
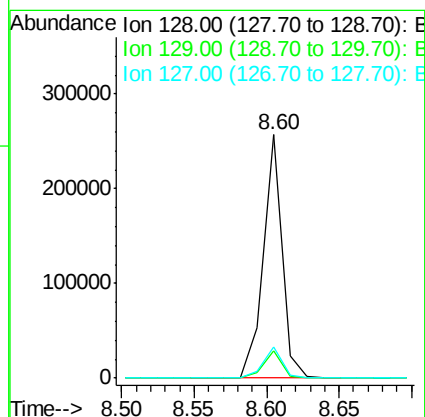
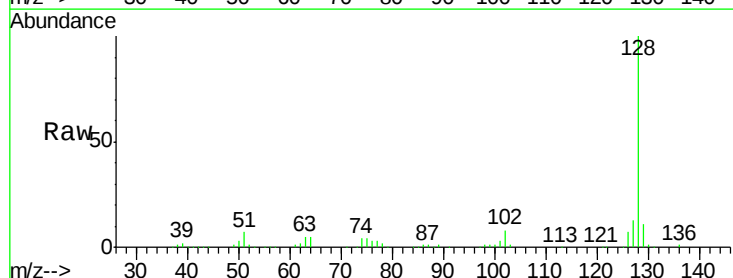
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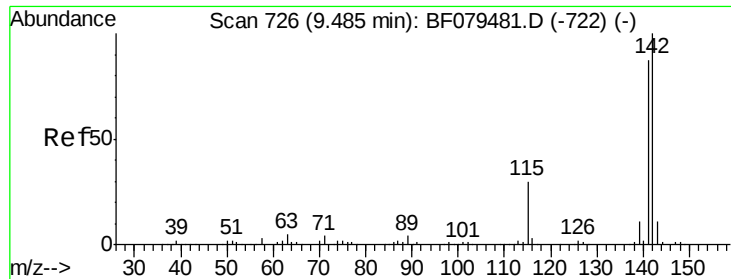
Tgt Ion: 82 Resp: 341694
Ion Ratio Lower Upper
82 100
128 48.8 30.8 46.2#
54 47.8 42.8 64.2



#31
Naphthalene
Concen: 18.19 ng
RT: 8.60 min Scan# 649
Delta R.T. 0.00 min
Lab File: BF079521.D
Acq: 27 May 2015 16:34

Tgt Ion: 128 Resp: 231873
Ion Ratio Lower Upper
128 100
129 11.1 9.3 13.9
127 12.8 10.6 15.8

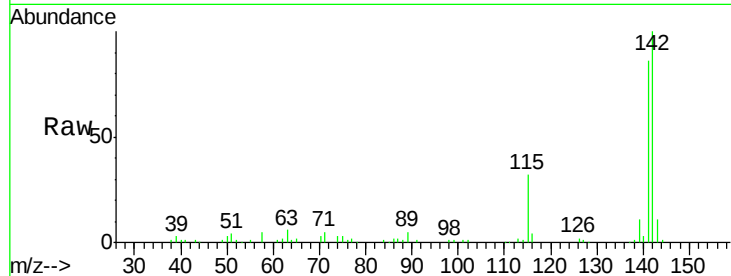




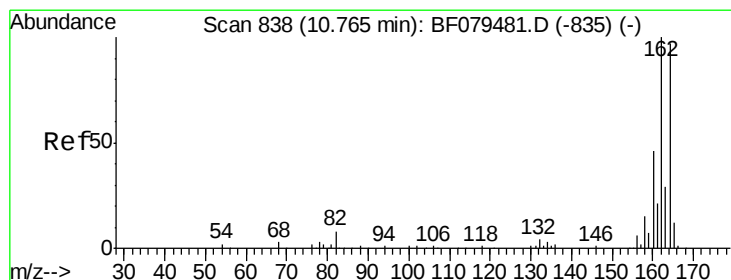
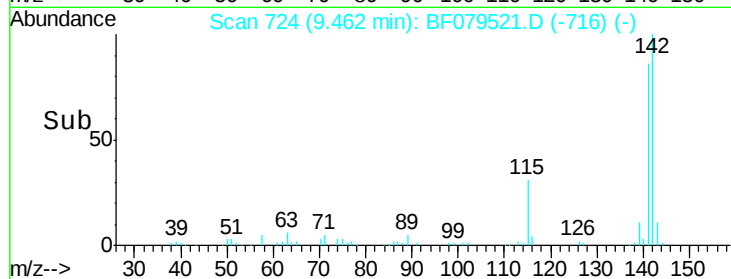
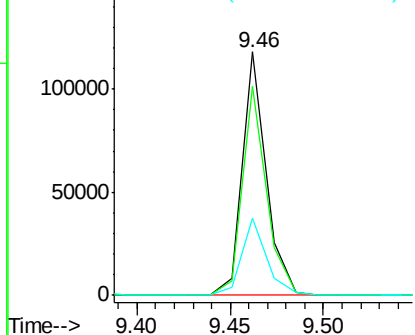
#37
 2-Methylnaphthalene
 Concen: 11.96 ng
 RT: 9.46 min Scan# 724
 Delta R.T. 0.00 min
 Lab File: BF079521.D
 Acq: 27 May 2015 16:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-26D

Tgt Ion:142 Resp: 105781
 Ion Ratio Lower Upper
 142 100
 141 86.0 69.5 104.3
 115 31.9 23.8 35.6

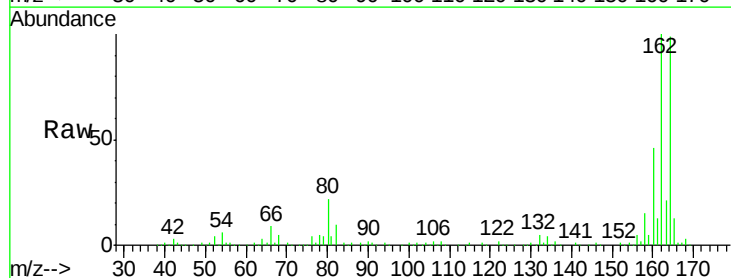


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

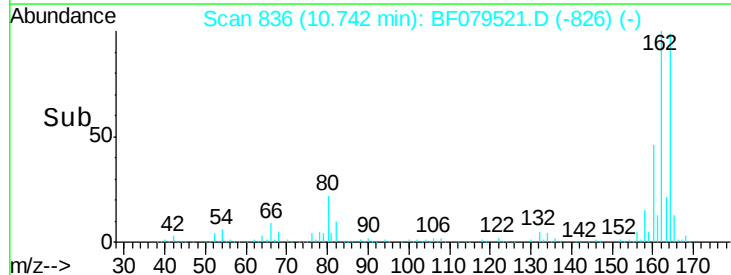
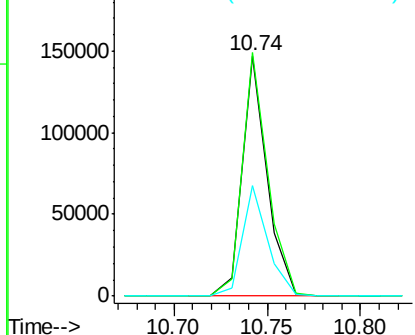


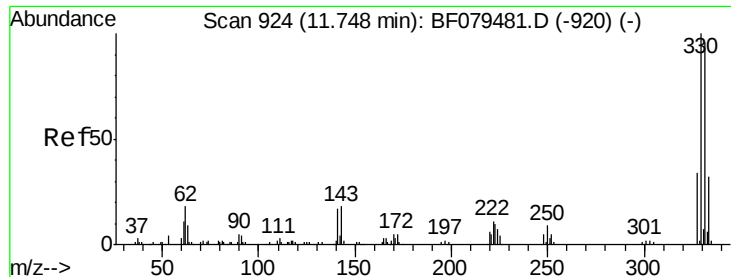
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.74 min Scan# 836
 Delta R.T. 0.00 min
 Lab File: BF079521.D
 Acq: 27 May 2015 16:34

Tgt Ion:164 Resp: 135015
 Ion Ratio Lower Upper
 164 100
 162 101.5 82.6 124.0
 160 46.2 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

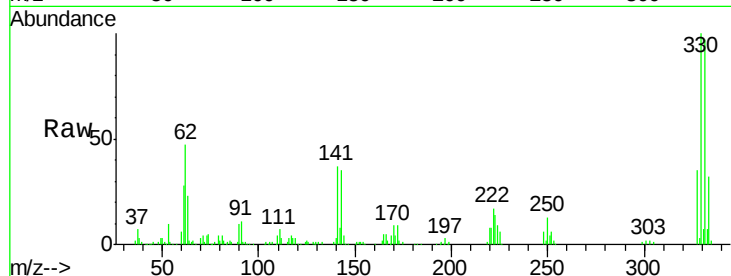




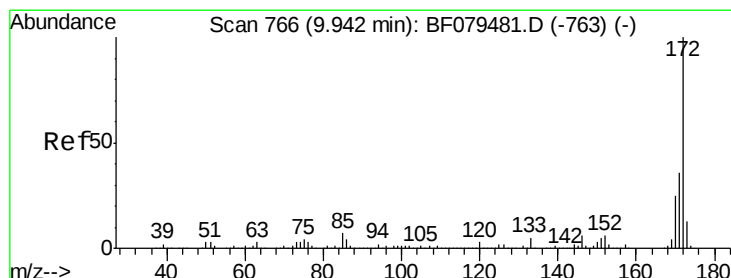
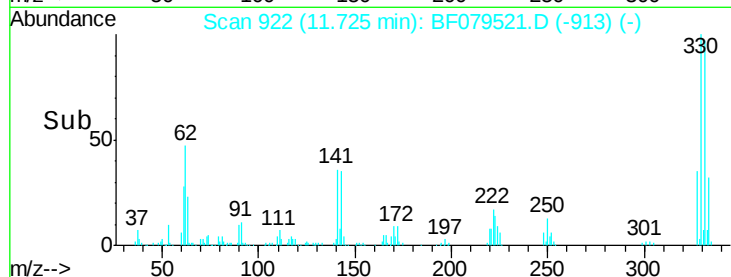
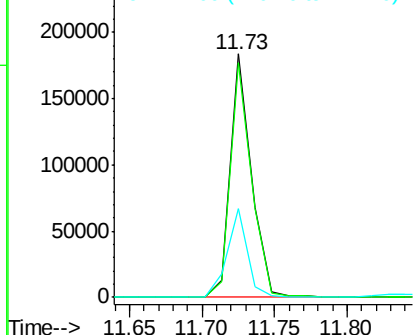
#41
 2,4,6-Tribromophenol
 Concen: 125.77 ng
 RT: 11.73 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: BF079521.D
 Acq: 27 May 2015 16:34

Instrument :
 BNA_F
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 SB-26D

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	0.0	0.0#
141	35.8	0.0	0.0#

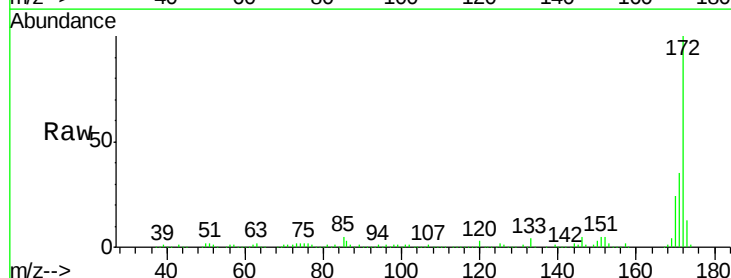


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

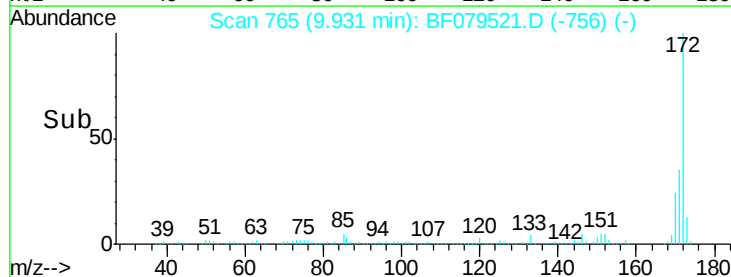
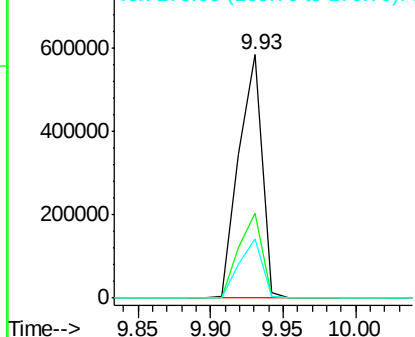


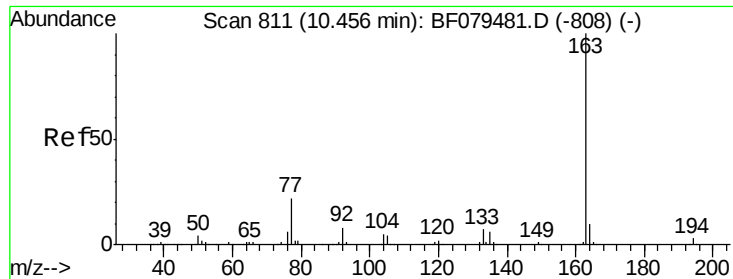
#44
 2-Fluorobiphenyl
 Concen: 68.91 ng
 RT: 9.93 min Scan# 765
 Delta R.T. 0.00 min
 Lab File: BF079521.D
 Acq: 27 May 2015 16:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.5	42.7
170	24.1	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: 35.87 ng

RT: 10.43 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF079521.D

Acq: 27 May 2015 16:34

Instrument :

BNA_F

ClientSampleId :

SB-26D

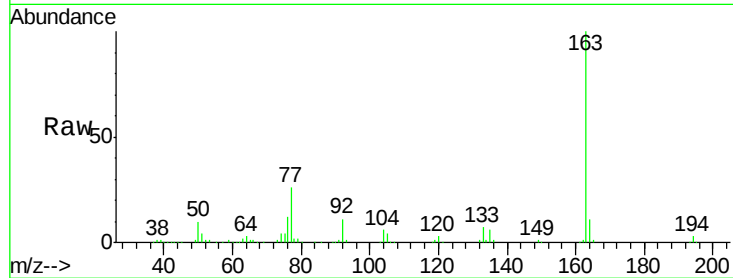
Tgt Ion:163 Resp: 356886

Ion Ratio Lower Upper

163 100

194 2.8 2.4 3.6

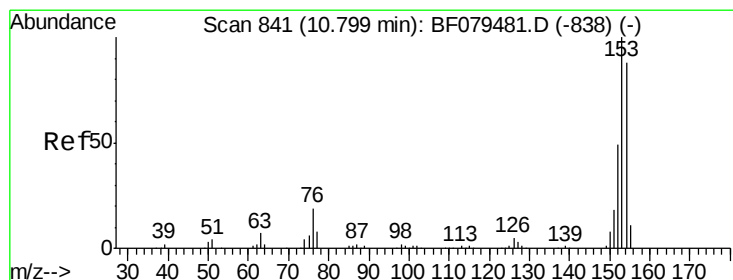
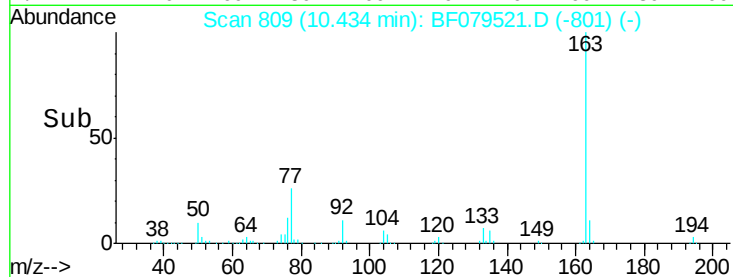
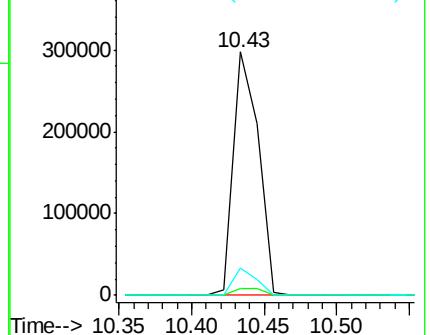
164 11.1 8.2 12.4



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: 3.41 ng

RT: 10.79 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF079521.D

Acq: 27 May 2015 16:34

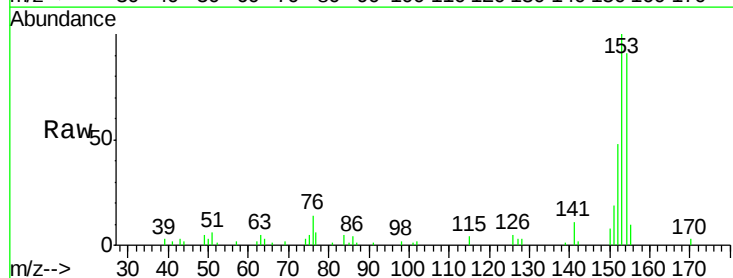
Tgt Ion:154 Resp: 26952

Ion Ratio Lower Upper

154 100

153 109.7 91.1 136.7

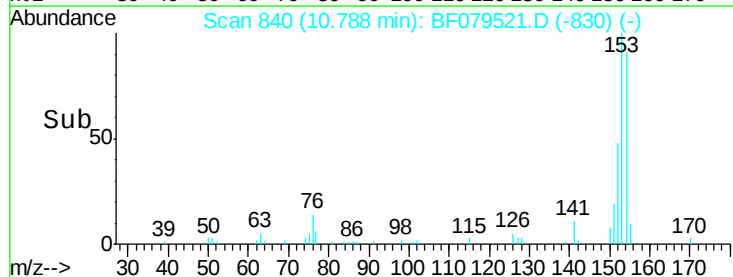
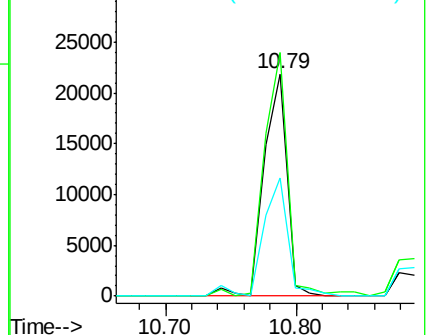
152 53.0 44.6 66.8

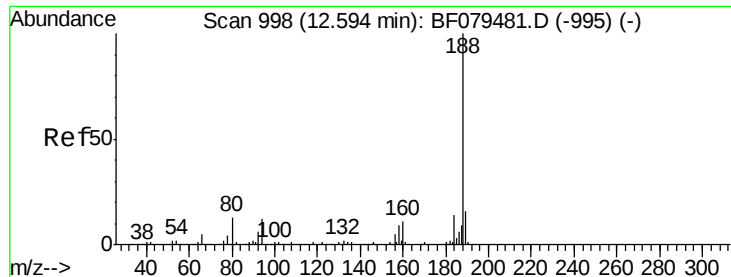


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

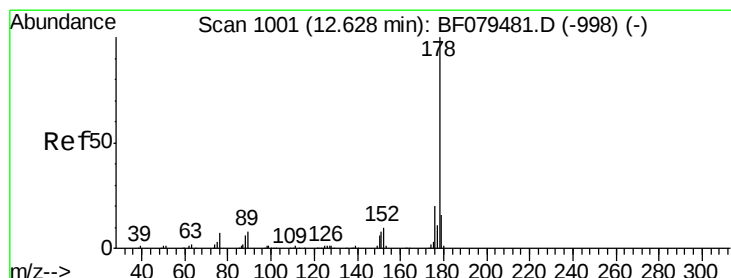
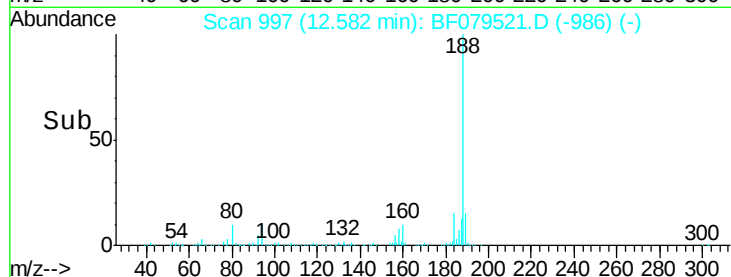
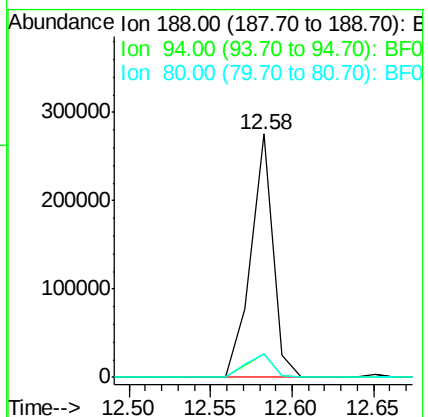
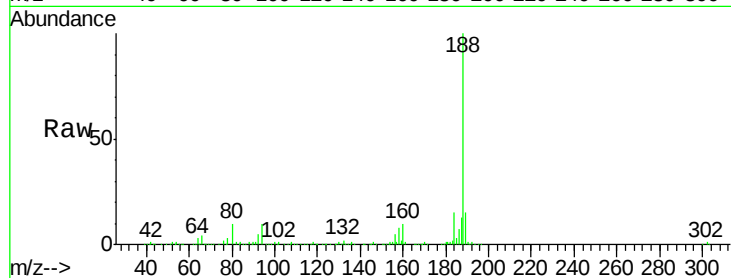




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.58 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF079521.D
Acq: 27 May 2015 16:34

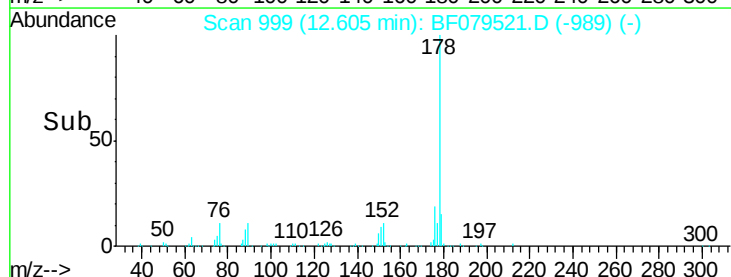
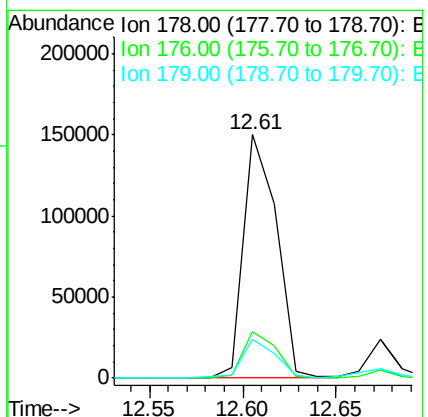
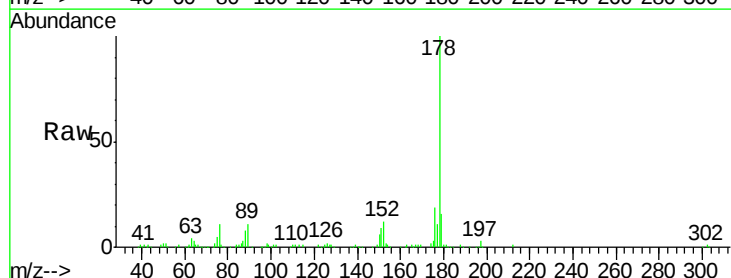
Instrument :
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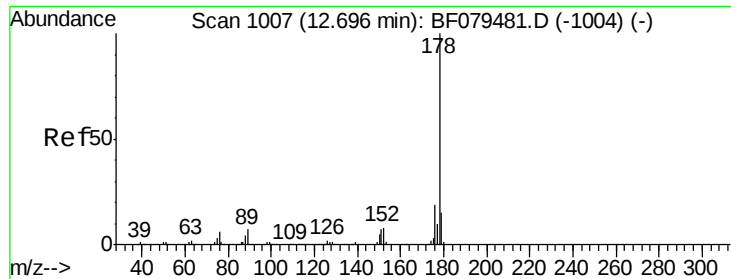
Tgt Ion:188 Resp: 260913
Ion Ratio Lower Upper
188 100
94 9.5 9.8 14.6#
80 9.6 10.5 15.7#



#70
Phenanthrene
Concen: 12.86 ng
RT: 12.61 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF079521.D
Acq: 27 May 2015 16:34

Tgt Ion:178 Resp: 184036
Ion Ratio Lower Upper
178 100
176 19.1 15.7 23.5
179 15.7 12.4 18.6

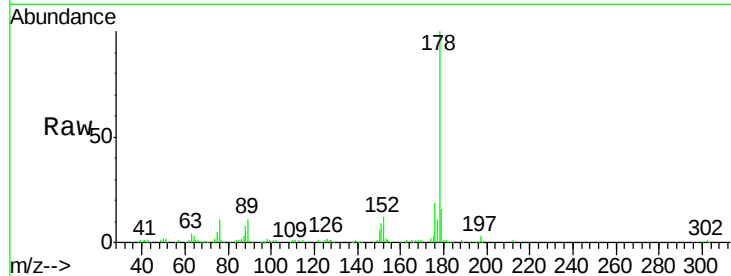




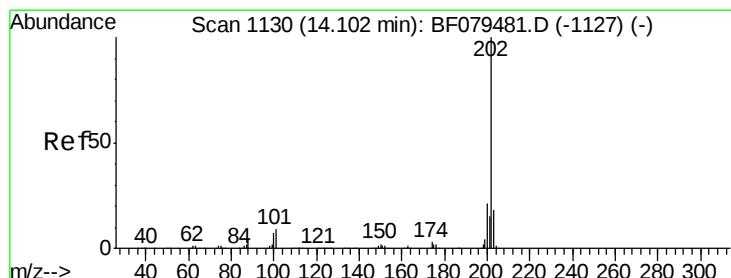
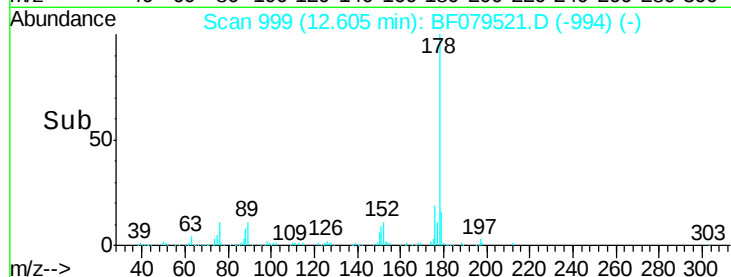
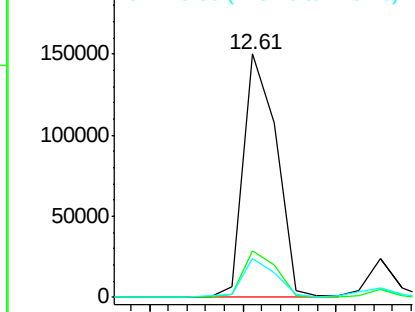
#71
 Anthracene
 Concen: 12.66 ng
 RT: 12.61 min Scan# 999
 Delta R.T. -0.07 min
 Lab File: BF079521.D
 Acq: 27 May 2015 16:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-26D

Tgt Ion:178 Resp: 184036
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.3 22.9
 179 15.7 12.2 18.4

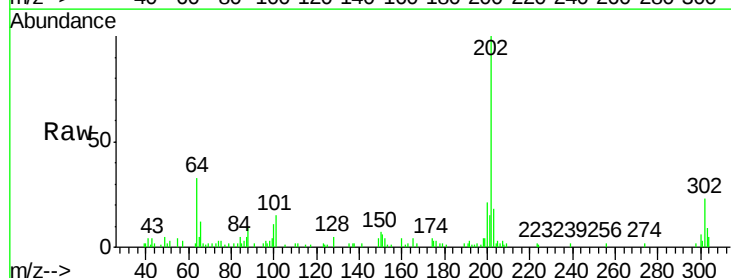


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

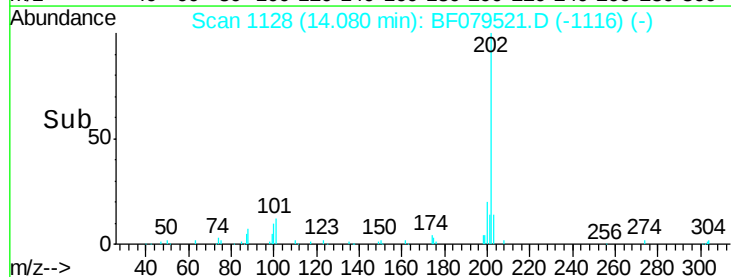
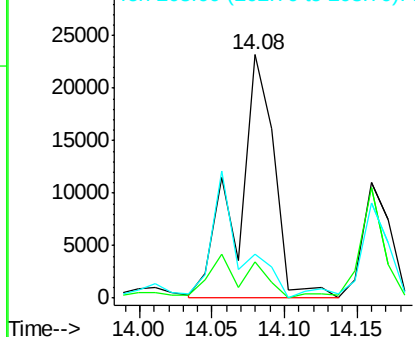


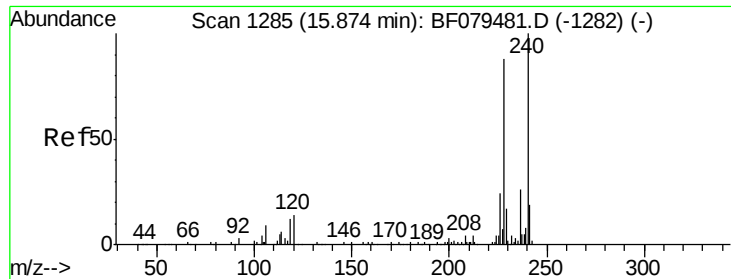
#74
 Fluoranthene
 Concen: 2.66 ng
 RT: 14.08 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BF079521.D
 Acq: 27 May 2015 16:34

Tgt Ion:202 Resp: 40836
 Ion Ratio Lower Upper
 202 100
 101 15.1 0.0 29.3
 203 18.3 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: 15.89 min Scan# 1286

Delta R.T. -0.06 min

Lab File: BF079521.D

Acq: 27 May 2015 16:34

Instrument :

BNA_F

ClientSampleId :

SB-26D

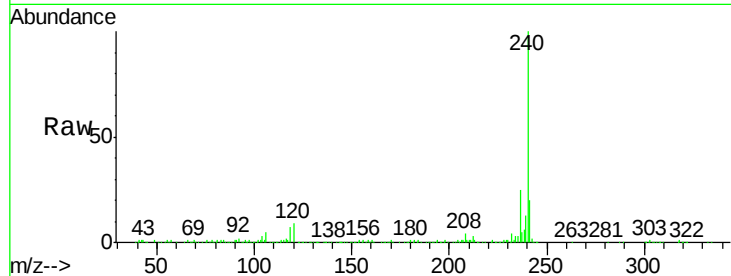
Tgt Ion:240 Resp: 264065

Ion Ratio Lower Upper

240 100

120 9.2 10.8 16.2#

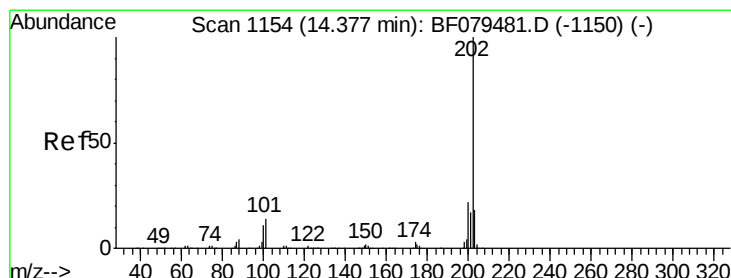
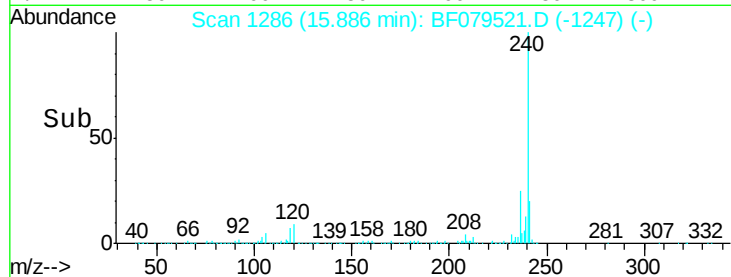
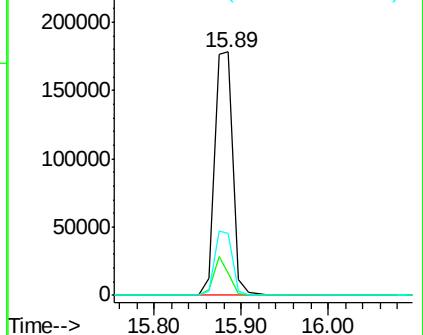
236 25.2 21.0 31.6



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: 2.52 ng

RT: 14.37 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BF079521.D

Acq: 27 May 2015 16:34

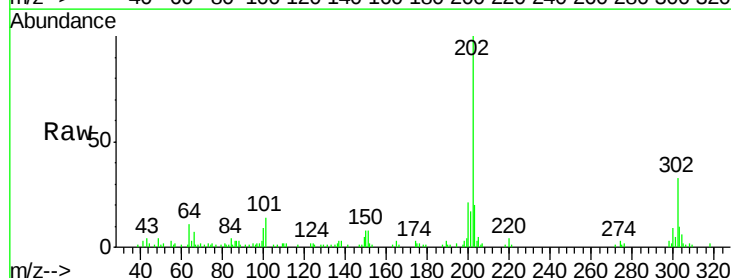
Tgt Ion:202 Resp: 41188

Ion Ratio Lower Upper

202 100

200 20.6 17.5 26.3

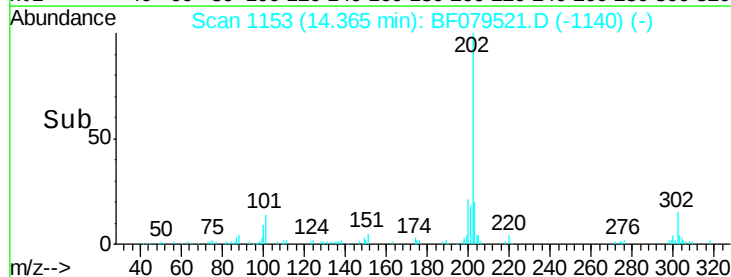
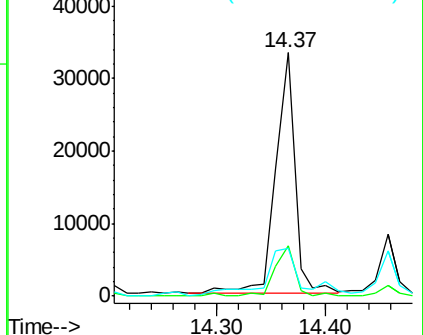
203 19.5 14.4 21.6

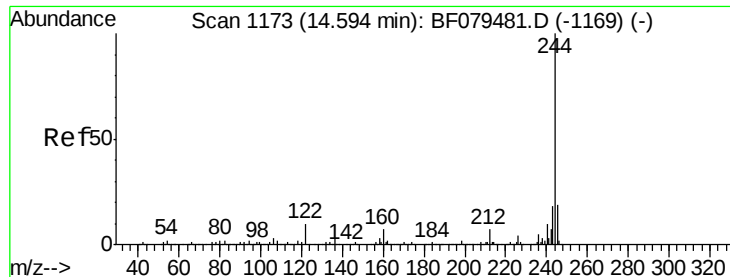


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 67.88 ng

RT: 14.58 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BF079521.D

Acq: 27 May 2015 16:34

Instrument :

BNA_F

ClientSampleId :

SB-26D

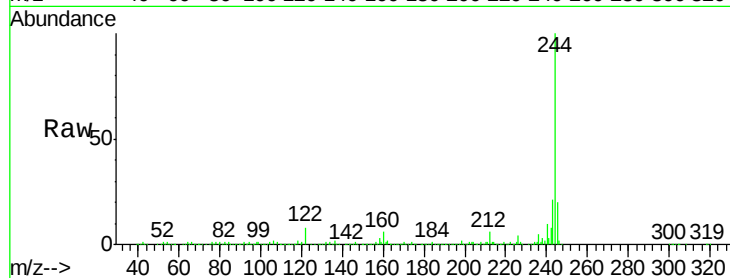
Tgt Ion:244 Resp: 763773

Ion Ratio Lower Upper

244 100

212 6.2 5.2 7.8

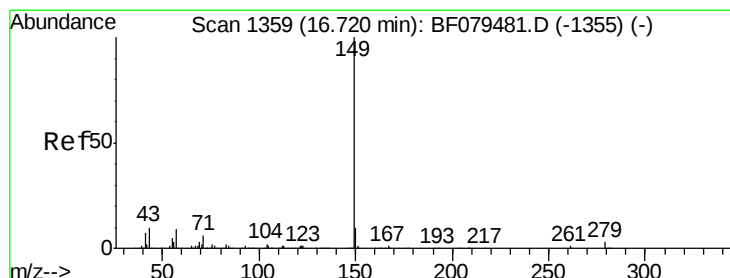
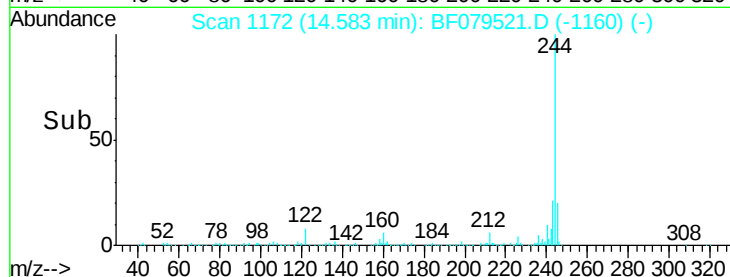
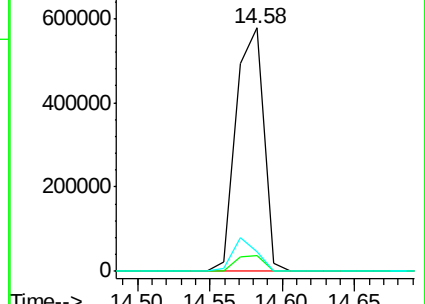
122 8.2 8.0 12.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#84

Di-n-octyl phthalate

Concen: 3.88 ng

RT: 16.78 min Scan# 1364

Delta R.T. -0.13 min

Lab File: BF079521.D

Acq: 27 May 2015 16:34

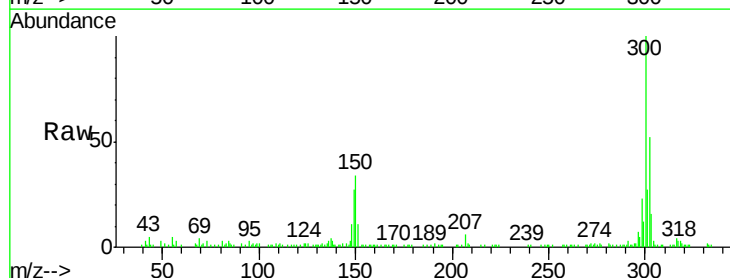
Tgt Ion:149 Resp: 71096

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

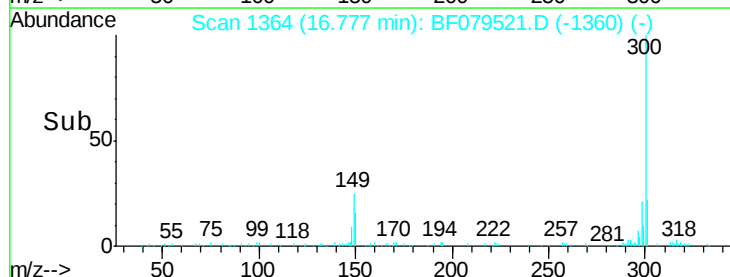
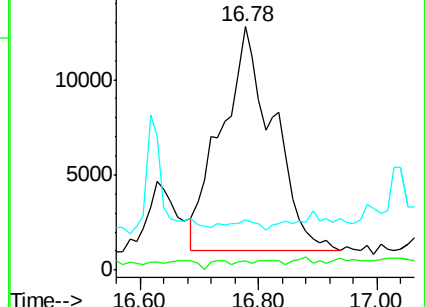
43 2.7 7.8 11.6#

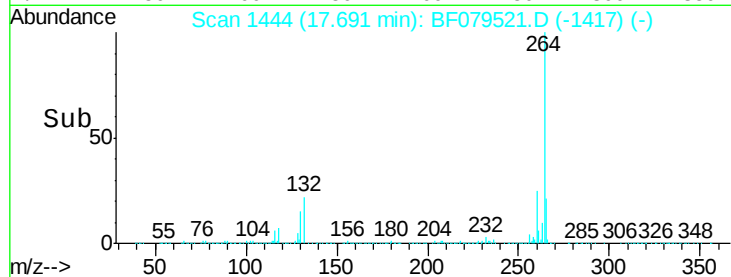
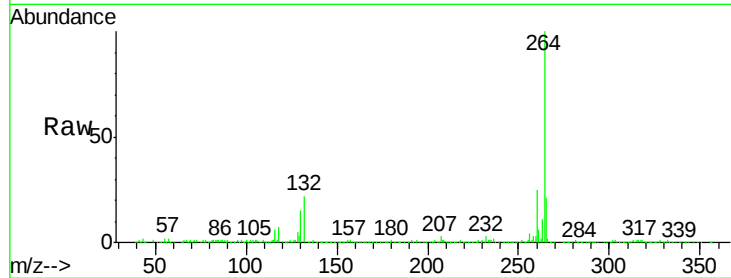
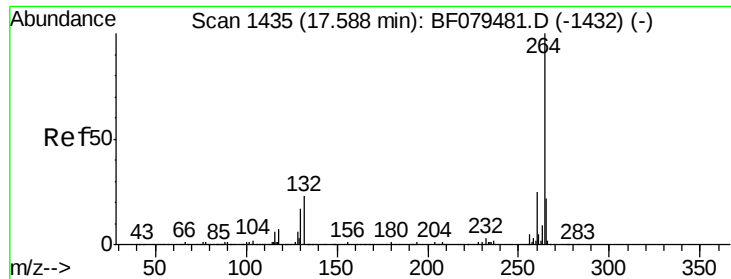


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#86

Perylene-d12

Concen: 20.00 ng

RT: 17.69 min Scan# 1444

Delta R.T. -0.19 min

Lab File: BF079521.D

Acq: 27 May 2015 16:34

Instrument :

BNA_F

ClientSampleId :

SB-26D

Tgt Ion:264 Resp: 282991

Ion Ratio Lower Upper

264 100

260 24.9 19.8 29.8

265 21.2 17.8 26.6

