

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051315\
 Data File : BF079198.D
 Acq On : 13 May 2015 16:13
 Operator : TP/IZ
 Sample : G2194-10
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TU021-SB-18-7.0

Quant Time: May 14 01:17:10 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 14 00:58:22 2015
 Response via : Initial Calibration

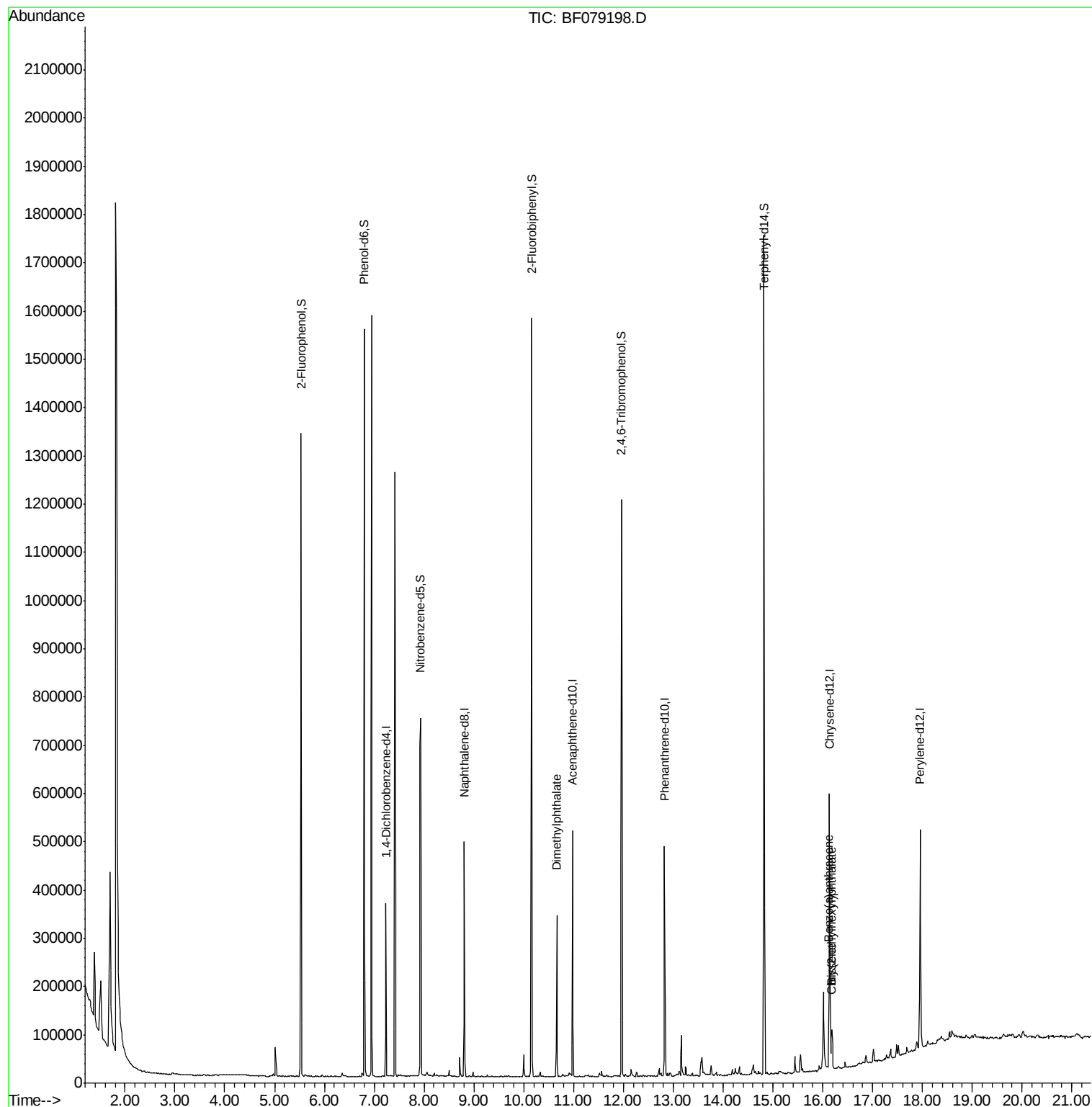
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.23	152	55747	20.00	ng	0.00
21) Naphthalene-d8	8.81	136	218153	20.00	ng	0.00
38) Acenaphthene-d10	10.98	164	101894	20.00	ng	0.00
63) Phenanthrene-d10	12.82	188	197568	20.00	ng	-0.01
75) Chrysene-d12	16.14	240	222008	20.00	ng	-0.02
86) Perylene-d12	17.95	264	220692	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	446605	137.90	ng	0.00
7) Phenol-d6	6.80	99	549607	128.39	ng	0.00
23) Nitrobenzene-d5	7.93	82	344060	90.64	ng	0.00
41) 2,4,6-Tribromophenol	11.97	330	158619	143.90	ng	0.00
44) 2-Fluorobiphenyl	10.16	172	565624	77.34	ng	0.00
78) Terphenyl-d14	14.82	244	619085	66.76	ng	0.00
Target Compounds						
49) Dimethylphthalate	10.66	163	133495	17.85	ng	Qvalue 100
80) Benzo(a)anthracene	16.13	228	25299	2.08	ng	97
82) Chrysene	16.17	228	24203	2.07	ng	97
83) Bis(2-ethylhexyl)phthalate	16.18	149	27437	3.24	ng	# 97

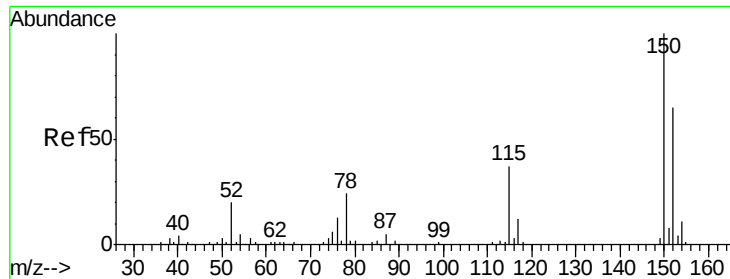
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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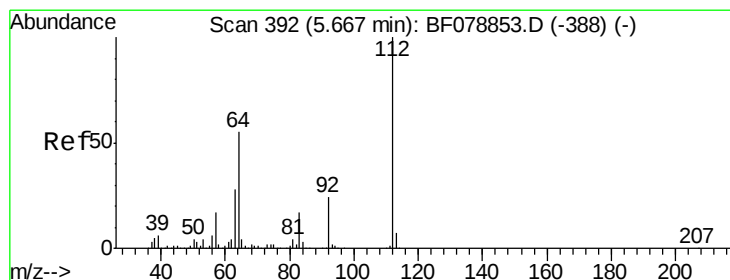
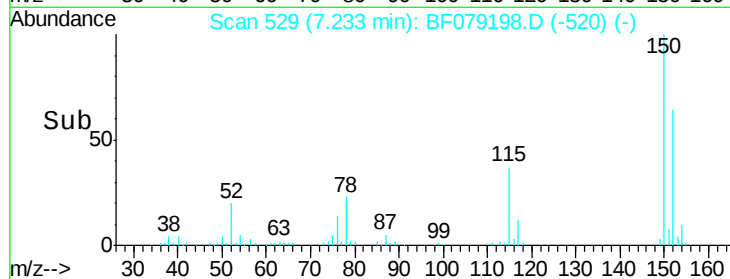
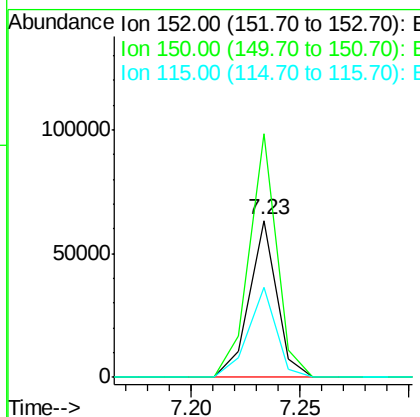
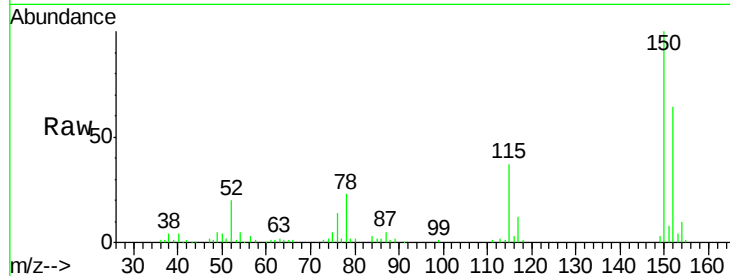




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.23 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: BF079198.D
 Acq: 13 May 2015 16:13

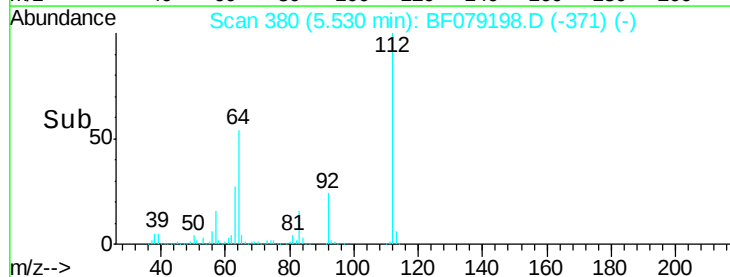
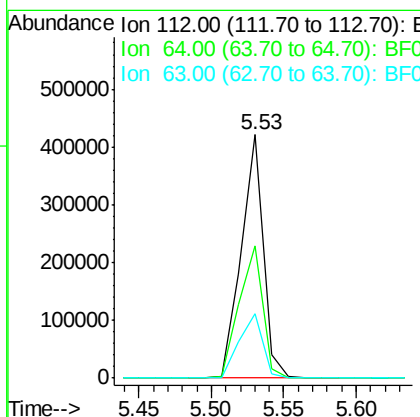
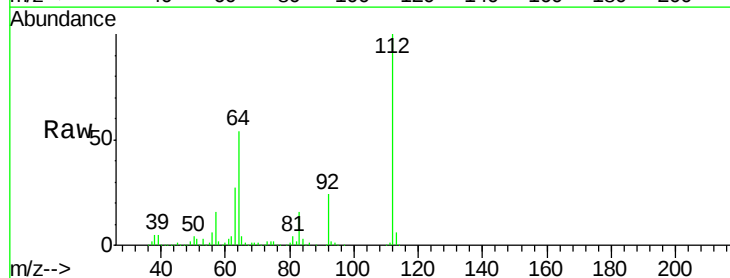
Instrument :
 BNA_F
 ClientSampleId :
 TU021-SB-18-7.0

Tot Ion:152 Resp: 55747
 Ion Ratio Lower Upper
 152 100
 150 155.1 122.0 183.0
 115 57.3 46.3 69.5



#5
 2-Fluorophenol
 Concen: 137.90 ng
 RT: 5.53 min Scan# 380
 Delta R.T. 0.00 min
 Lab File: BF079198.D
 Acq: 13 May 2015 16:13

Tgt Ion:112 Resp: 446605
 Ion Ratio Lower Upper
 112 100
 64 54.5 53.5 80.3
 63 26.5 27.5 41.3#





#7

Phenol-d6

Concen: 128.39 ng

RT: 6.80 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF079198.D

Acq: 13 May 2015 16:13

Instrument :

BNA_F

ClientSampleId :

TU021-SB-18-7.0

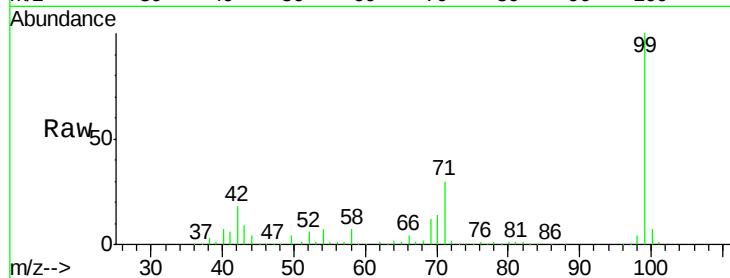
Tot Ion: 99 Resp: 549607

Ion Ratio Lower Upper

99 100

42 17.7 12.8 19.2

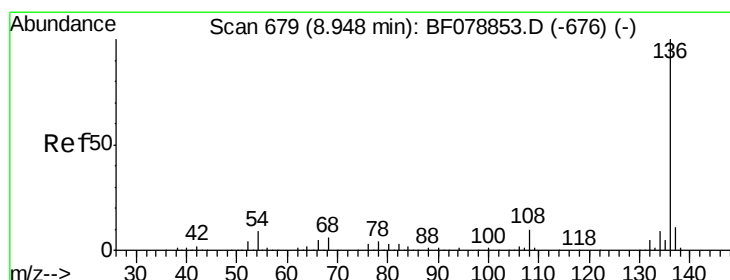
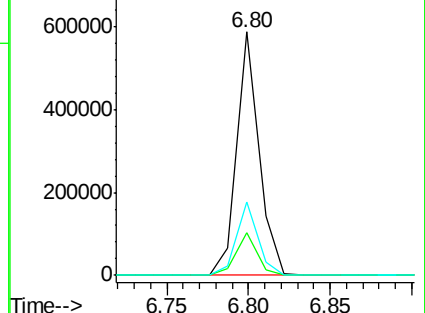
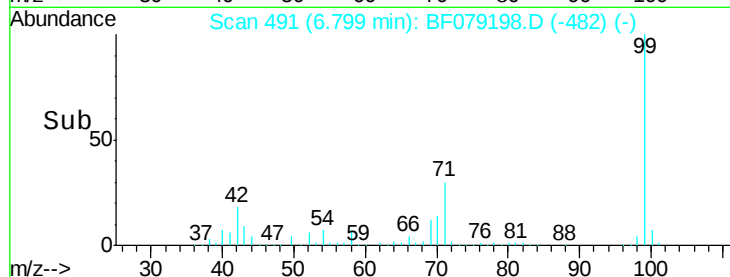
71 30.4 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF078853.D (-498) (-)

Ion 42.00 (41.70 to 42.70): BF078853.D (-498) (-)

Ion 71.00 (70.70 to 71.70): BF078853.D (-498) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.81 min Scan# 667

Delta R.T. 0.00 min

Lab File: BF079198.D

Acq: 13 May 2015 16:13

Tgt Ion: 136 Resp: 218153

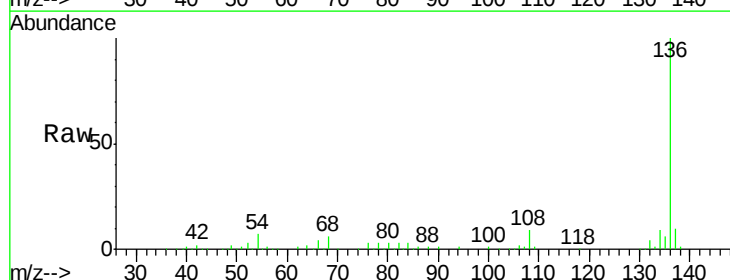
Ion Ratio Lower Upper

136 100

137 10.3 8.7 13.1

54 7.2 5.8 8.8

68 5.5 4.2 6.4

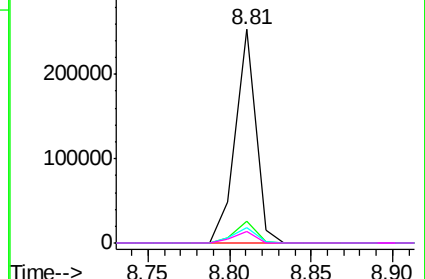
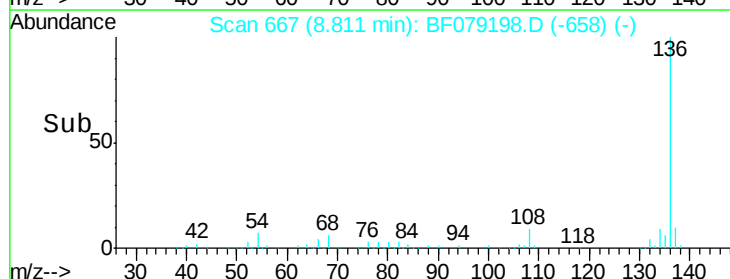


Abundance Ion 136.00 (135.70 to 136.70): BF078853.D (-676) (-)

Ion 137.00 (136.70 to 137.70): BF078853.D (-676) (-)

Ion 54.00 (53.70 to 54.70): BF078853.D (-676) (-)

Ion 68.00 (67.70 to 68.70): BF078853.D (-676) (-)

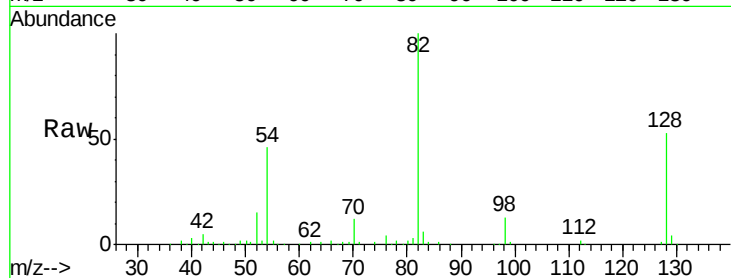




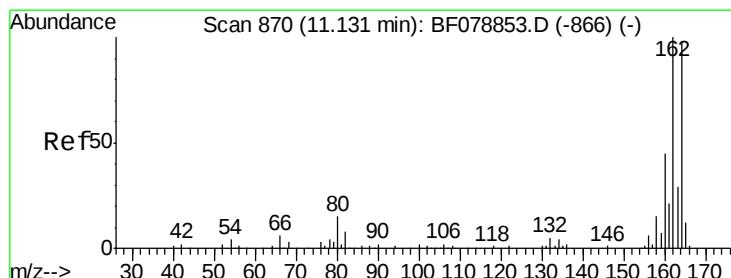
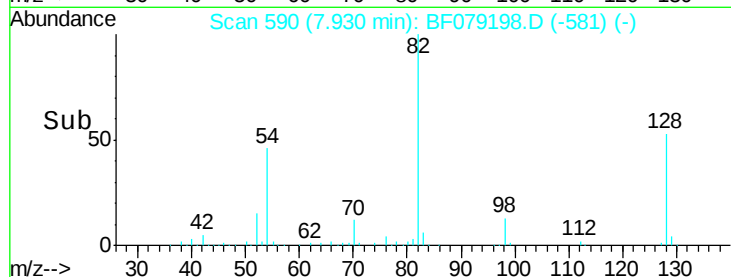
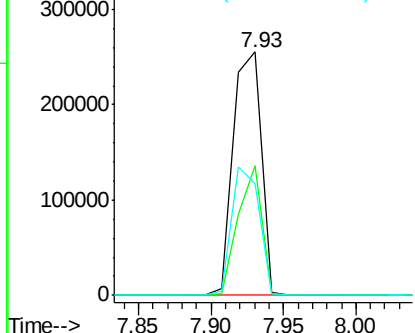
#23
 Nitrobenzene-d5
 Concen: 90.64 ng
 RT: 7.93 min Scan# 590
 Delta R.T. 0.00 min
 Lab File: BF079198.D
 Acq: 13 May 2015 16:13

Instrument :
 BNA_F
 ClientSampleId :
 TU021-SB-18-7.0

Tot Ion: 82 Resp: 344060
 Ion Ratio Lower Upper
 82 100
 128 53.2 30.0 45.0#
 54 45.7 46.4 69.6#

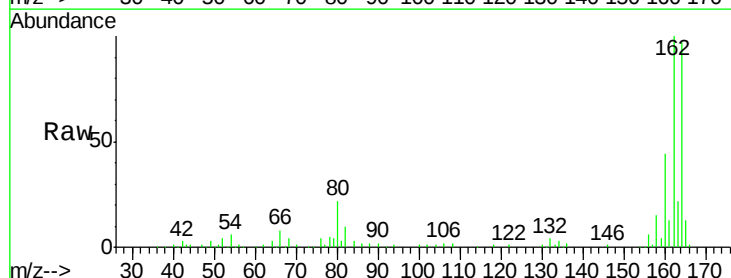


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

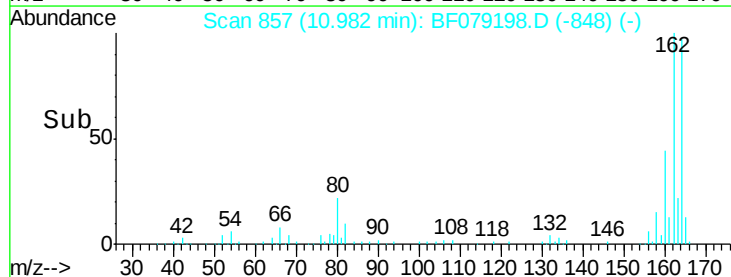
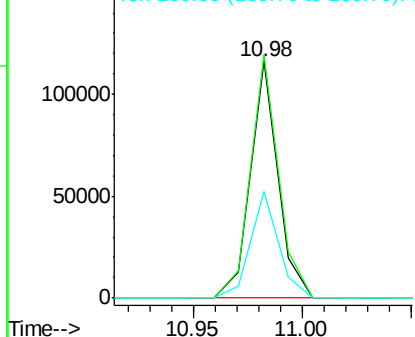


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.98 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: BF079198.D
 Acq: 13 May 2015 16:13

Tgt Ion: 164 Resp: 101894
 Ion Ratio Lower Upper
 164 100
 162 102.9 82.7 124.1
 160 44.9 35.8 53.8



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

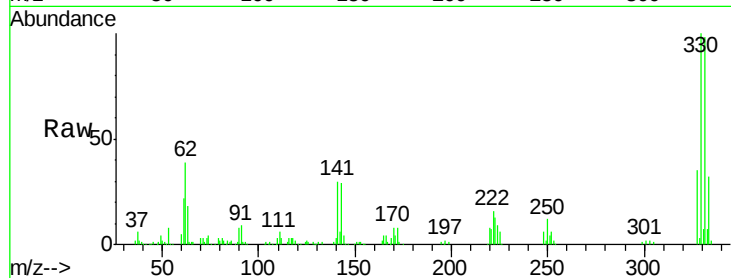




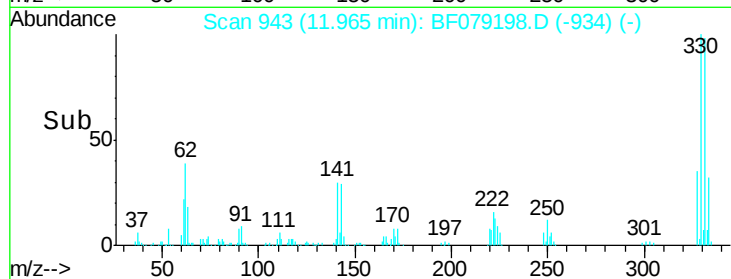
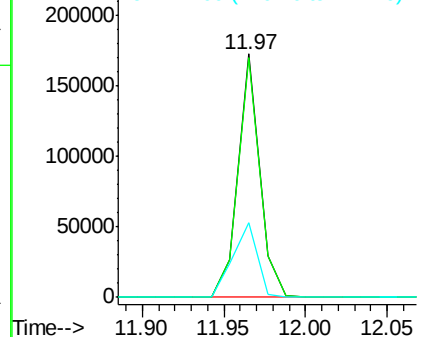
#41
 2,4,6-Tribromophenol
 Concen: 143.90 ng
 RT: 11.97 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: BF079198.D
 Acq: 13 May 2015 16:13

Instrument :
 BNA_F
 ClientSampleId :
 TU021-SB-18-7.0

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.8	0.0	0.0#
141	34.7	0.0	0.0#

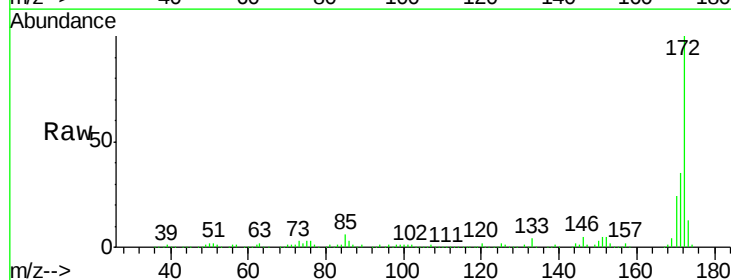


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

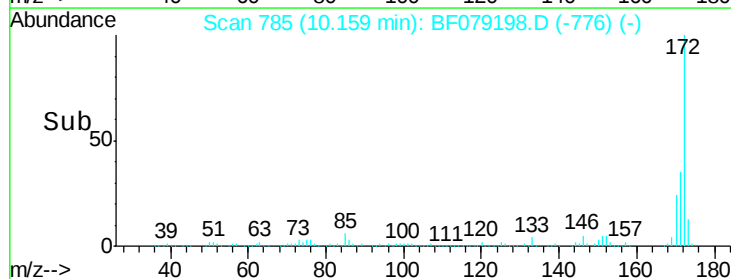
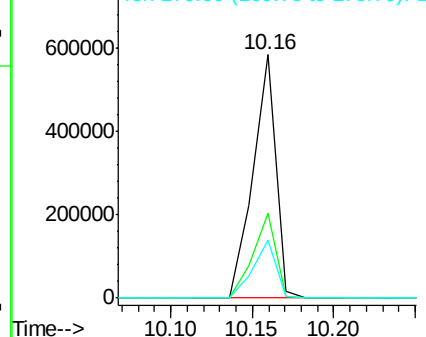


#44
 2-Fluorobiphenyl
 Concen: 77.34 ng
 RT: 10.16 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: BF079198.D
 Acq: 13 May 2015 16:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.9	41.9
170	23.7	19.4	29.0



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: 17.85 ng

RT: 10.66 min Scan# 829

Delta R.T. -0.01 min

Lab File: BF079198.D

Acq: 13 May 2015 16:13

Instrument :

BNA_F

ClientSampleId :

TU021-SB-18-7.0

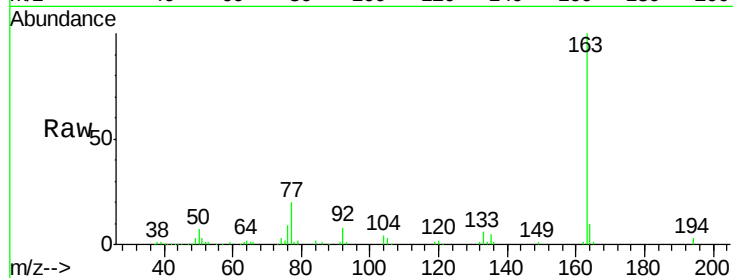
Tot Ion:163 Resp: 133495

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

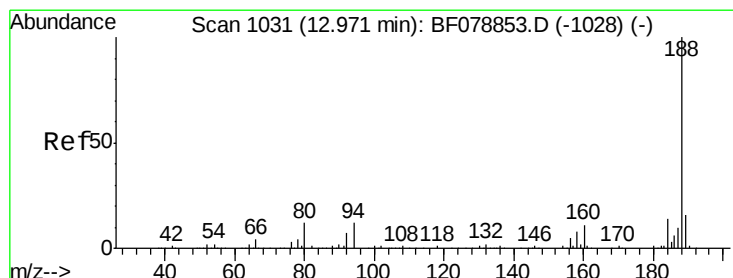
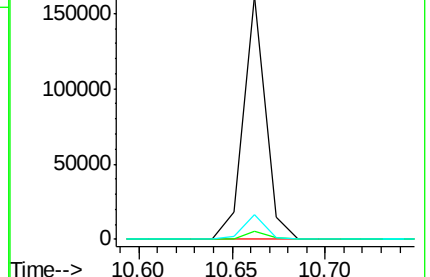
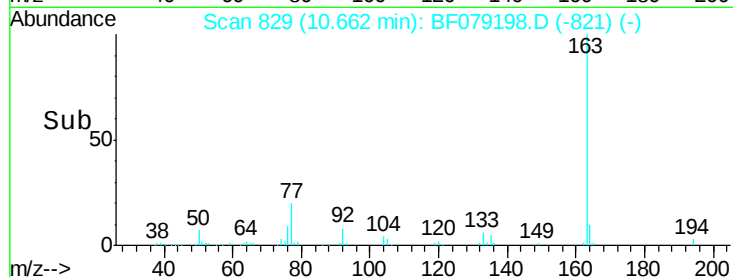
164 10.1 8.1 12.1



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.82 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF079198.D

Acq: 13 May 2015 16:13

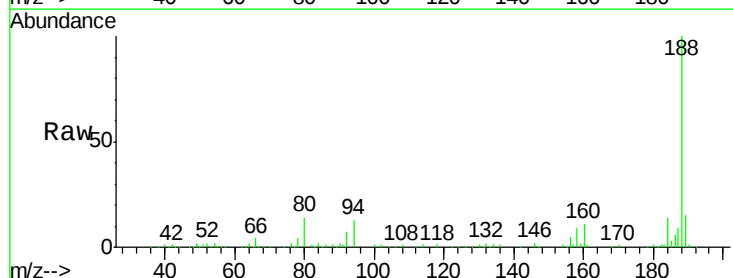
Tgt Ion:188 Resp: 197568

Ion Ratio Lower Upper

188 100

94 12.9 8.2 12.2#

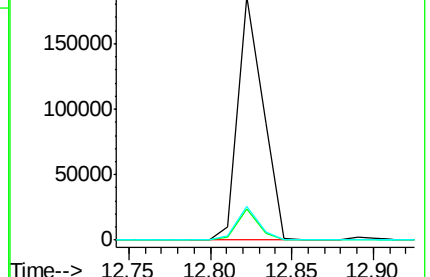
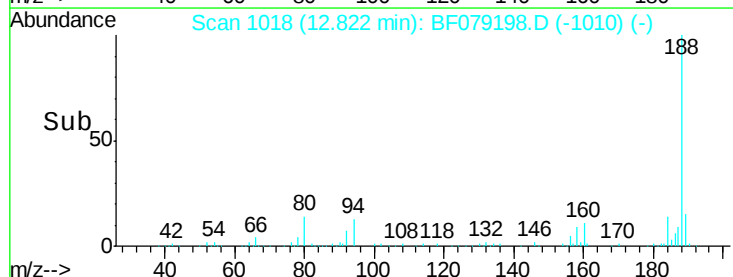
80 13.8 8.9 13.3#

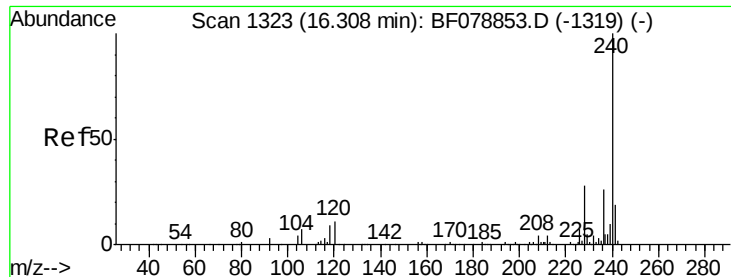


Abundance Ion 188.00 (187.70 to 188.70): E

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: 16.14 min Scan# 1308

Delta R.T. -0.02 min

Lab File: BF079198.D

Acq: 13 May 2015 16:13

Instrument :

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ClientSampleId :

TU021-SB-18-7.0

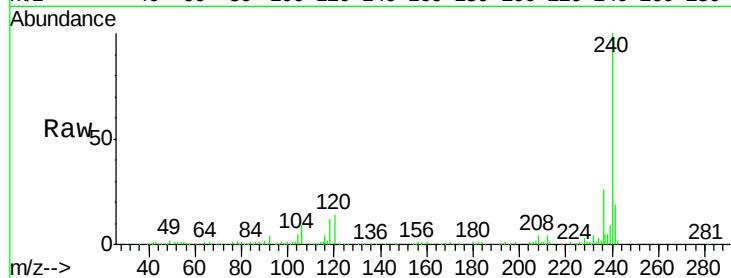
Tot Ion:240 Resp: 222008

Ion Ratio Lower Upper

240 100

120 13.6 9.7 14.5

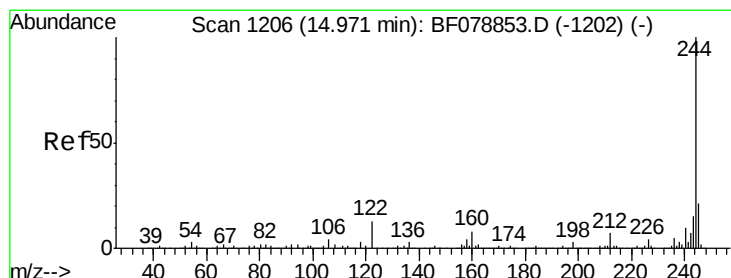
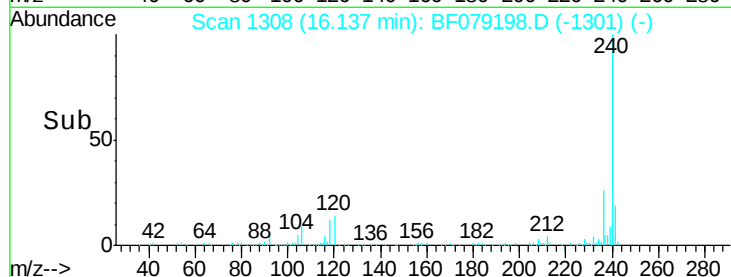
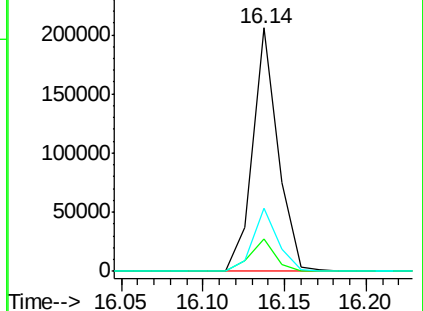
236 26.2 20.2 30.4



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: 66.76 ng

RT: 14.82 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BF079198.D

Acq: 13 May 2015 16:13

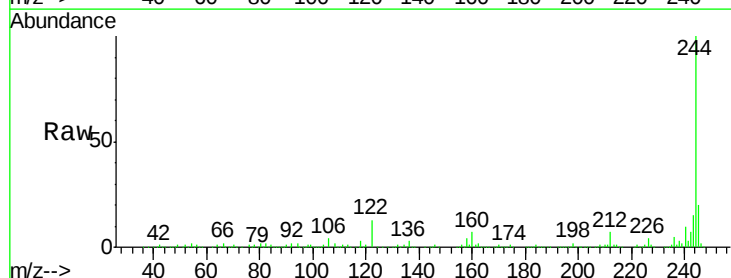
Tgt Ion:244 Resp: 619085

Ion Ratio Lower Upper

244 100

212 6.6 5.6 8.4

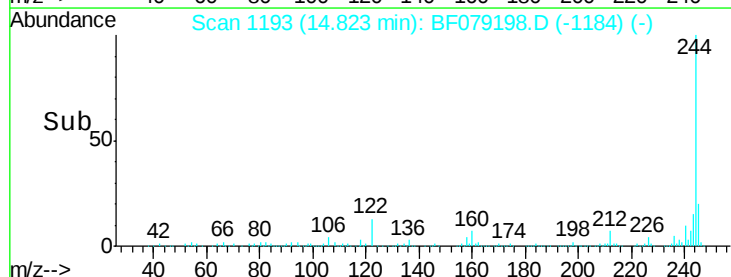
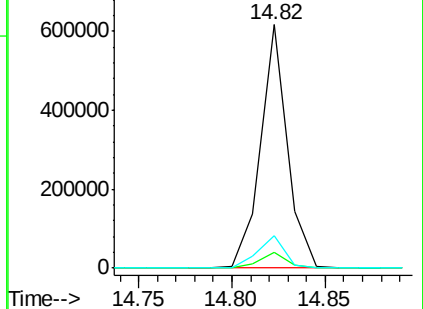
122 13.1 10.3 15.5

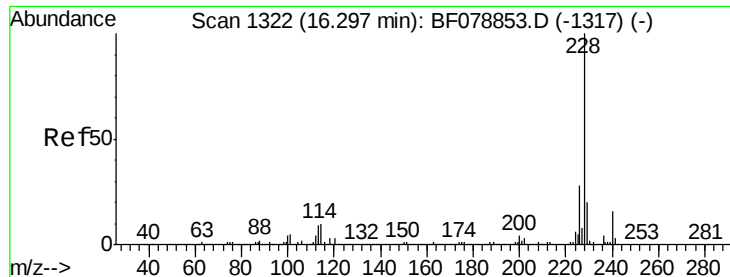


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 2.08 ng

RT: 16.13 min Scan# 1307

Delta R.T. -0.02 min

Lab File: BF079198.D

Acq: 13 May 2015 16:13

Instrument :

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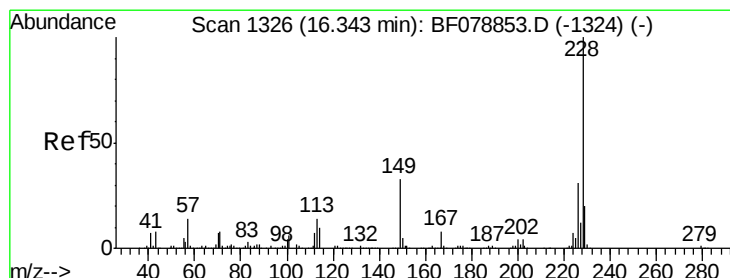
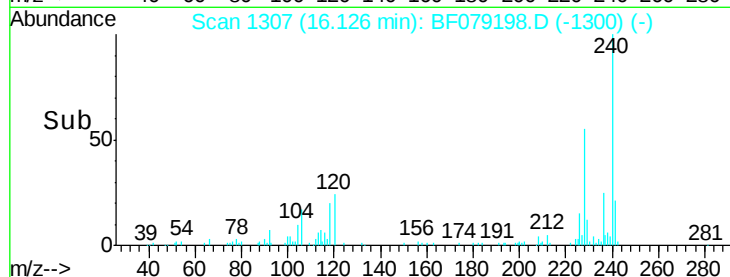
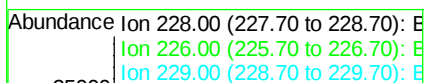
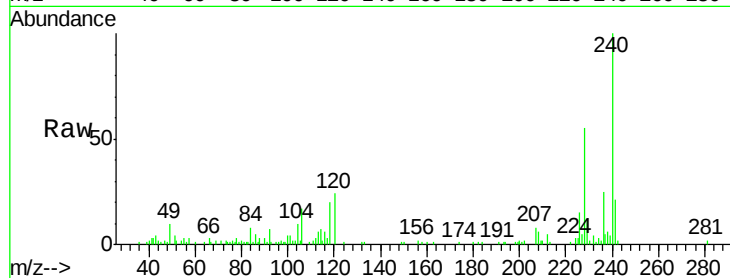
Tot Ion:228 Resp: 25299

Ion Ratio Lower Upper

228 100

226 27.0 22.6 33.8

229 21.4 15.9 23.9



#82

Chrysene

Concen: 2.07 ng

RT: 16.17 min Scan# 1311

Delta R.T. -0.02 min

Lab File: BF079198.D

Acq: 13 May 2015 16:13

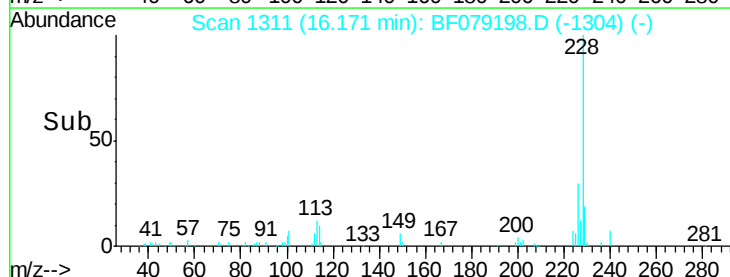
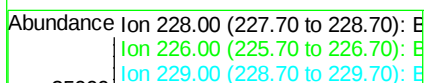
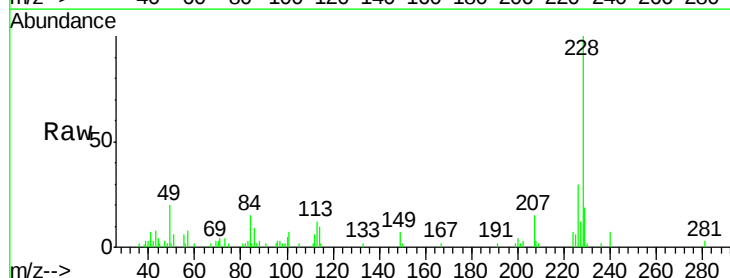
Tgt Ion:228 Resp: 24203

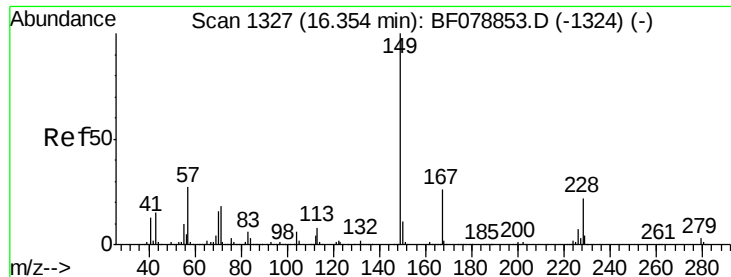
Ion Ratio Lower Upper

228 100

226 29.6 24.9 37.3

229 18.9 16.0 24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 3.24 ng

RT: 16.18 min Scan# 1312

Delta R.T. -0.02 min

Lab File: BF079198.D

Acq: 13 May 2015 16:13

Instrument :

BNA_F

ClientSampleId :

TU021-SB-18-7.0

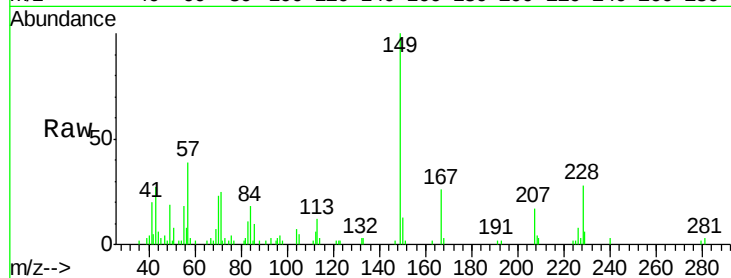
Tot Ion:149 Resp: 27437

Ion Ratio Lower Upper

149 100

167 25.7 21.8 32.8

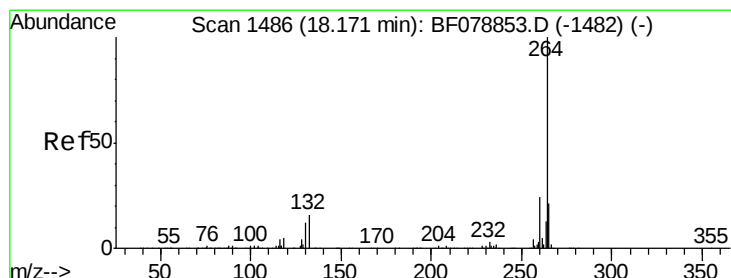
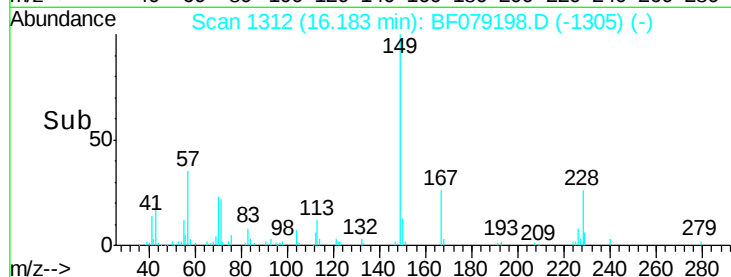
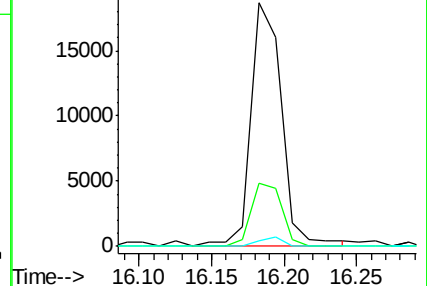
279 2.1 2.9 4.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 17.95 min Scan# 1467

Delta R.T. -0.07 min

Lab File: BF079198.D

Acq: 13 May 2015 16:13

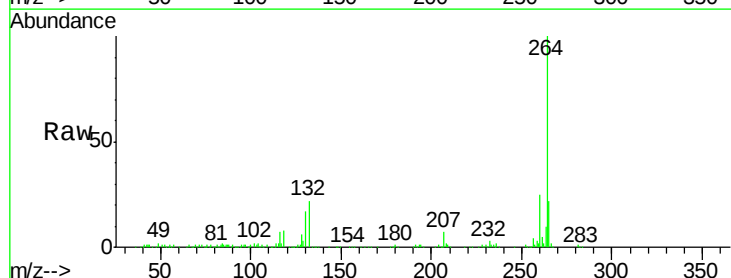
Tgt Ion:264 Resp: 220692

Ion Ratio Lower Upper

264 100

260 24.6 19.4 29.2

265 22.1 18.3 27.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

