

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042115\
 Data File : BF078696.D
 Acq On : 21 Apr 2015 21:38
 Operator : TP/IZ
 Sample : G1938-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-71D

Quant Time: Apr 22 02:27:46 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 22 00:52:13 2015
 Response via : Initial Calibration

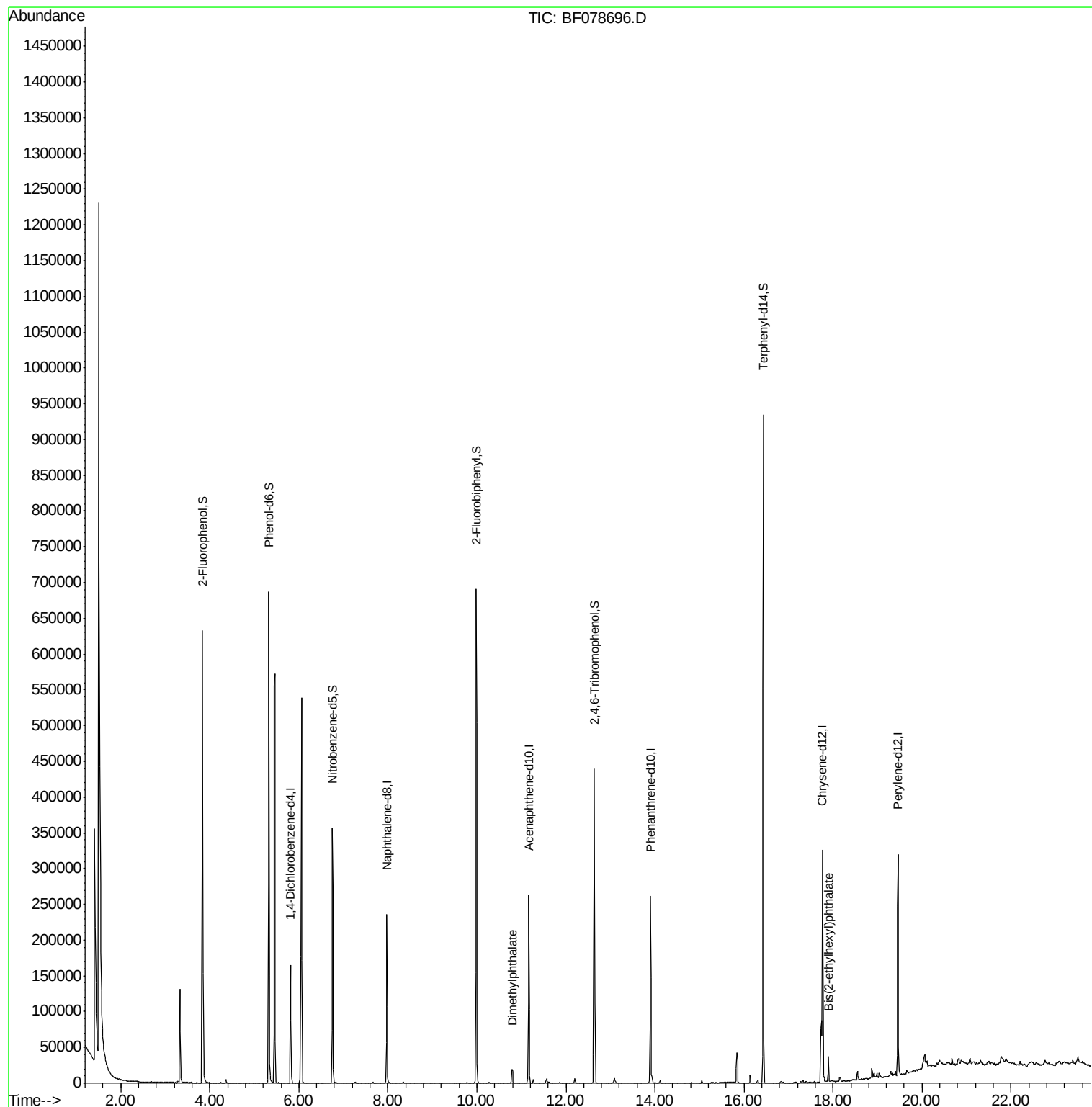
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.82	152	35370	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	146086	20.00	ng	-0.01
38) Acenaphthene-d10	11.16	164	75685	20.00	ng	-0.01
63) Phenanthrene-d10	13.90	188	145805	20.00	ng	-0.01
75) Chrysene-d12	17.76	240	156888	20.00	ng	-0.02
86) Perylene-d12	19.46	264	159200	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	3.84	112	238777	111.31	ng	0.01
7) Phenol-d6	5.32	99	302017	112.34	ng	0.00
23) Nitrobenzene-d5	6.75	82	173387	71.94	ng	-0.01
41) 2,4,6-Tribromophenol	12.64	330	75807	120.77	ng	-0.01
44) 2-Fluorobiphenyl	9.99	172	340651	64.34	ng	-0.01
78) Terphenyl-d14	16.43	244	391296	56.36	ng	0.00
Target Compounds						
49) Dimethylphthalate	10.80	163	14946	2.63	ng	# 99
83) Bis(2-ethylhexyl)phthalate	17.90	149	12798	2.17	ng	# 97

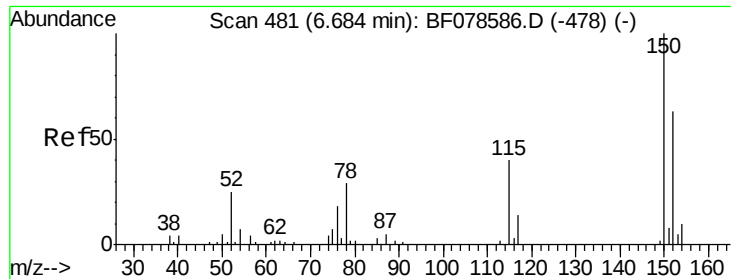
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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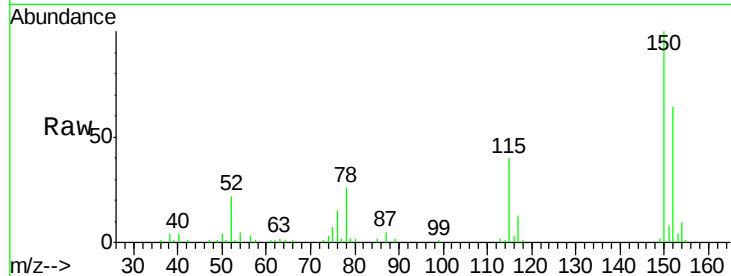




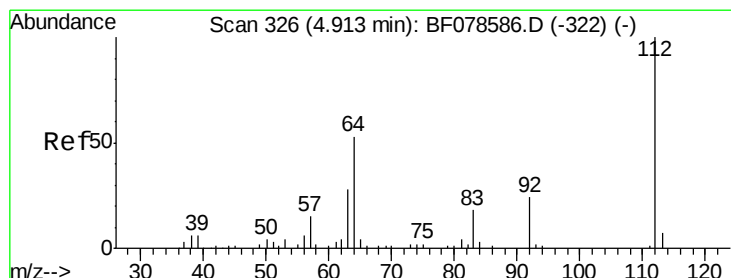
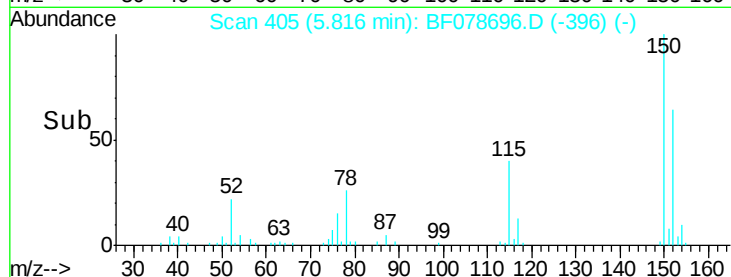
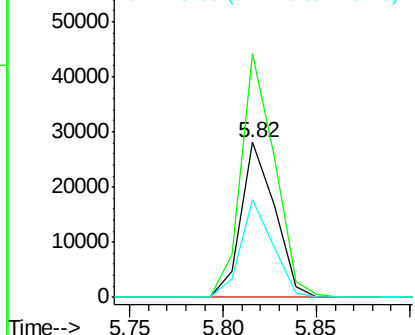
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.82 min Scan# 405
 Delta R.T. -0.00 min
 Lab File: BF078696.D
 Acq: 21 Apr 2015 21:38

Instrument :
 BNA_F
 ClientSampleId :
 SB-71D

Tot Ion:152 Resp: 35370
 Ion Ratio Lower Upper
 152 100
 150 157.1 125.9 188.9
 115 63.1 52.7 79.1

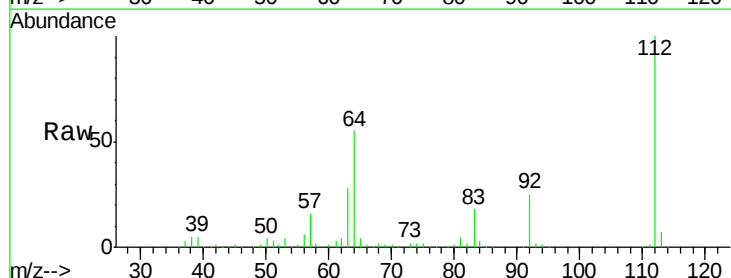


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

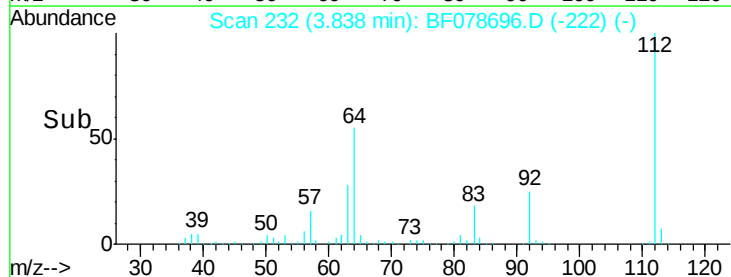
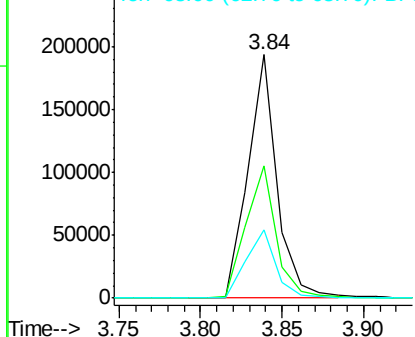


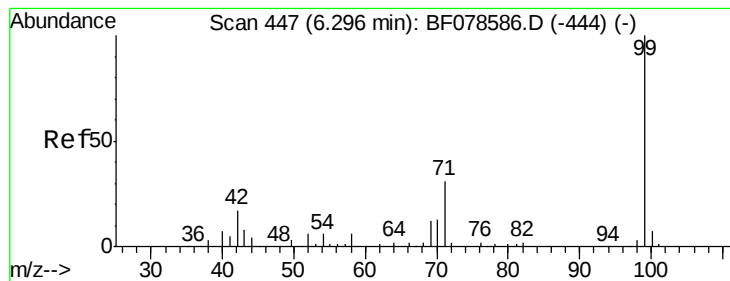
#5
 2-Fluorophenol
 Concen: 111.31 ng
 RT: 3.84 min Scan# 232
 Delta R.T. 0.01 min
 Lab File: BF078696.D
 Acq: 21 Apr 2015 21:38

Tgt Ion:112 Resp: 238777
 Ion Ratio Lower Upper
 112 100
 64 54.6 39.9 59.9
 63 28.0 20.2 30.4



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: 112.34 ng

RT: 5.32 min Scan# 362

Delta R.T. -0.00 min

Lab File: BF078696.D

Acq: 21 Apr 2015 21:38

Instrument :

BNA_F

ClientSampleId :

SB-71D

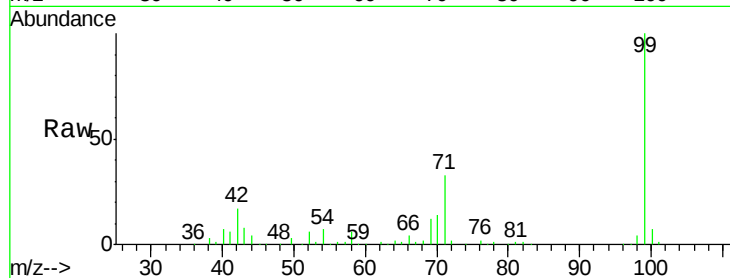
Tot Ion: 99 Resp: 302017

Ion Ratio Lower Upper

99 100

42 17.1 14.8 22.2

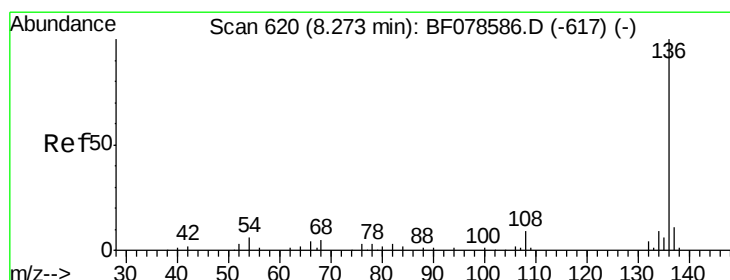
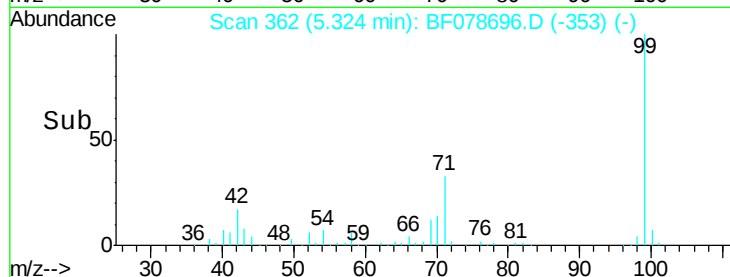
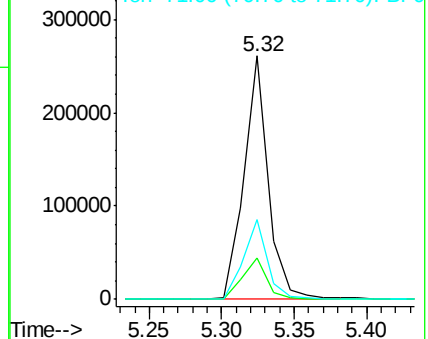
71 32.5 26.6 39.8



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: 7.98 min Scan# 594

Delta R.T. -0.01 min

Lab File: BF078696.D

Acq: 21 Apr 2015 21:38

Tgt Ion: 136 Resp: 146086

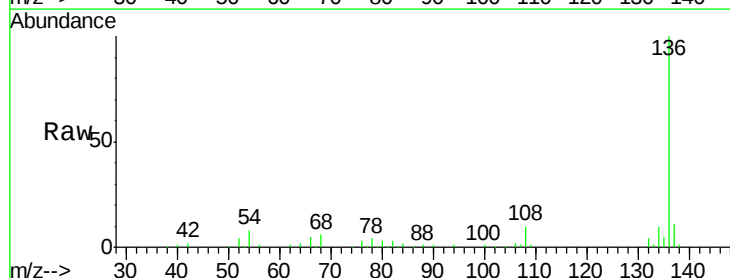
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.4

54 7.7 7.0 10.6

68 5.6 5.4 8.2

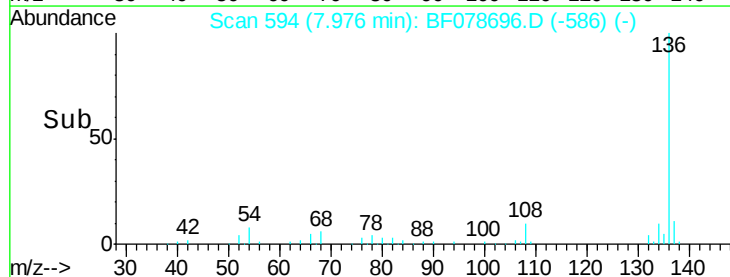
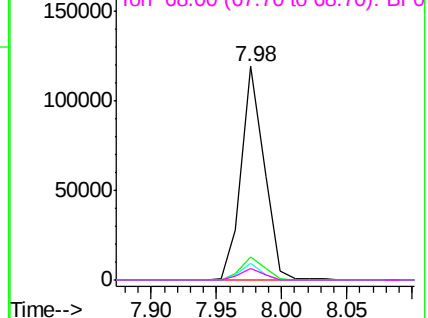


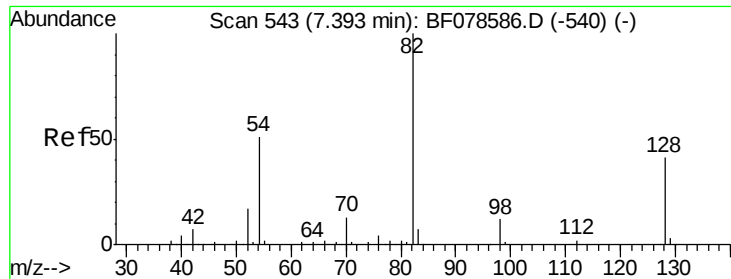
Abundance Ion 136.00 (135.70 to 136.70): E

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

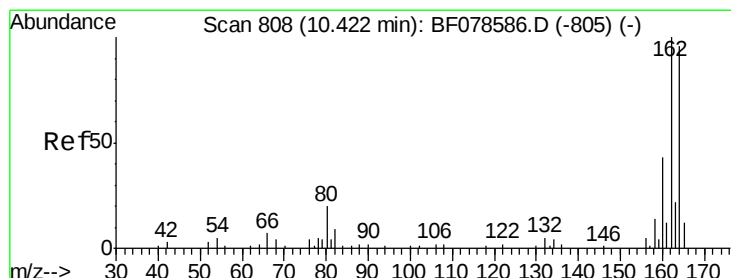
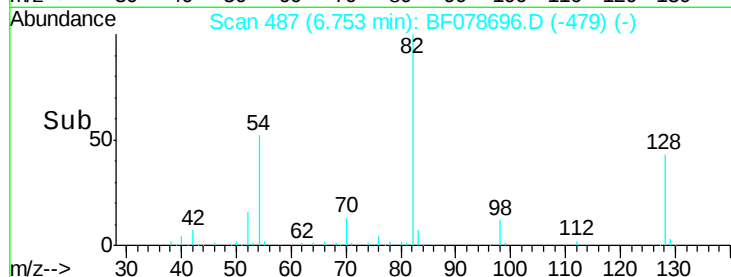
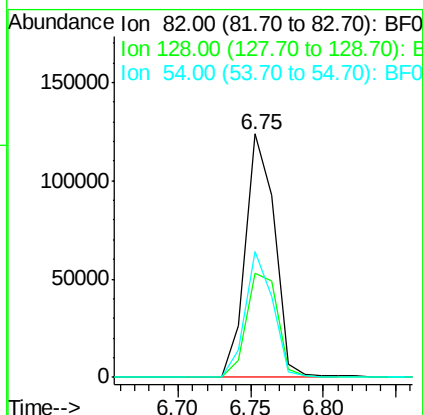
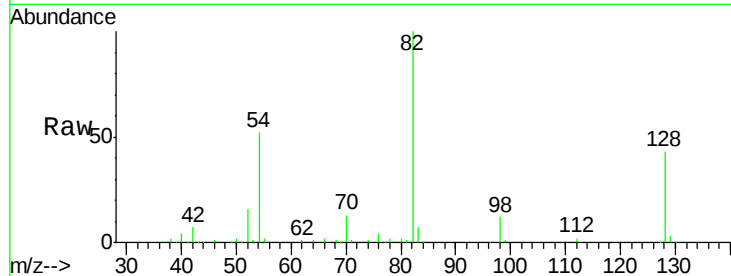




#23
 Nitrobenzene-d5
 Concen: 71.94 ng
 RT: 6.75 min Scan# 487
 Delta R.T. -0.01 min
 Lab File: BF078696.D
 Acq: 21 Apr 2015 21:38

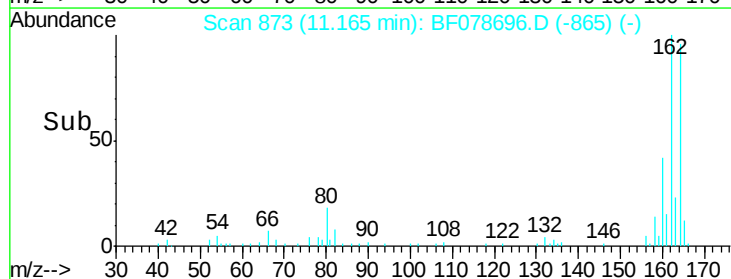
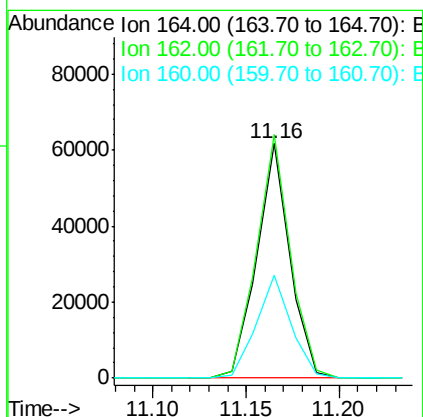
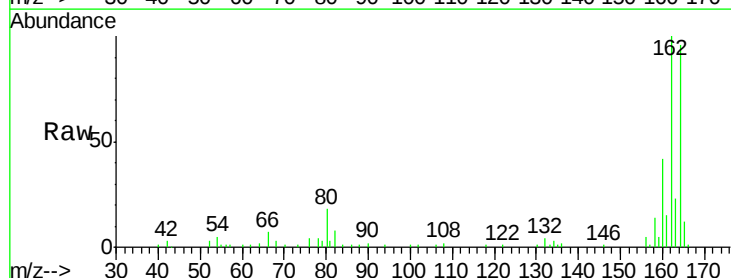
Instrument :
 BNA_F
 ClientSampleID :
 SB-71D

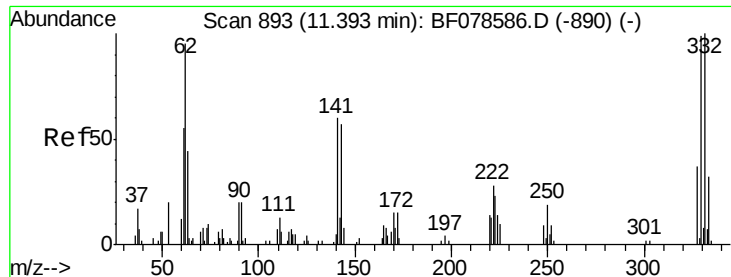
Tot Ion	82	Resp	173387
Ion Ratio	Lower	Upper	
82	100		
128	42.8	31.8	47.8
54	51.9	41.5	62.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.16 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: BF078696.D
 Acq: 21 Apr 2015 21:38

Tgt Ion	164	Resp	75685
Ion Ratio	Lower	Upper	
164	100		
162	103.8	82.2	123.2
160	43.7	34.7	52.1

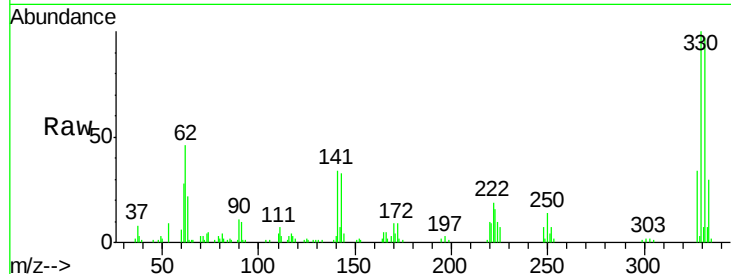




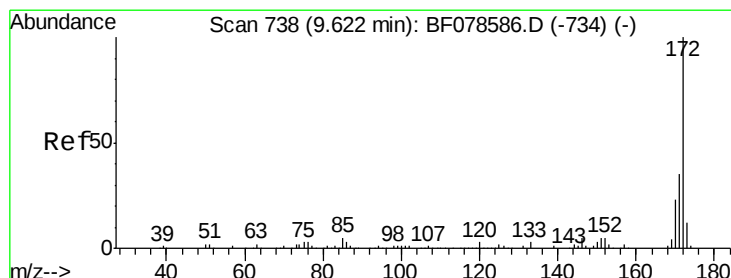
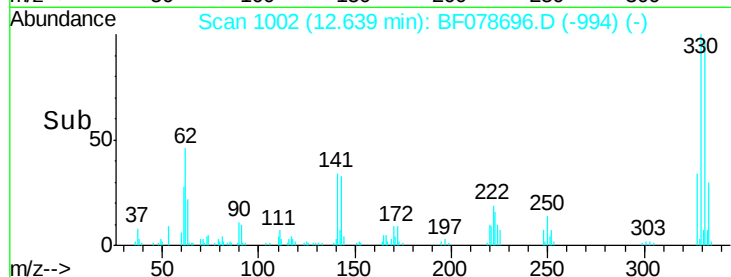
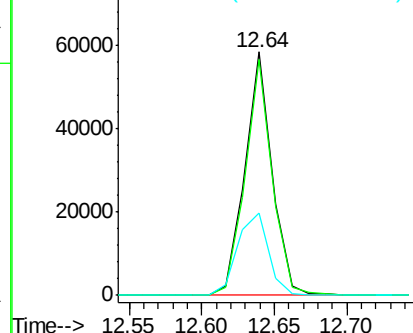
#41
 2,4,6-Tribromophenol
 Concen: 120.77 ng
 RT: 12.64 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BF078696.D
 Acq: 21 Apr 2015 21:38

Instrument :
 BNA_F
 ClientSampleId :
 SB-71D

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	78.6	117.8
141	38.7	31.2	46.8

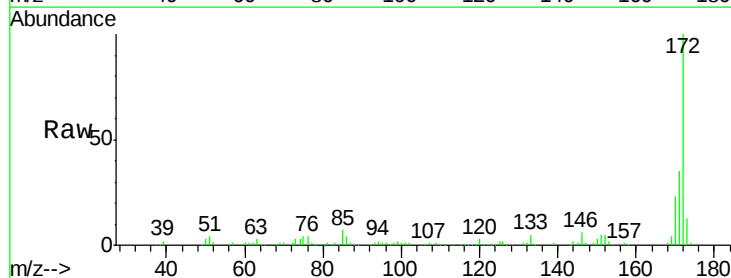


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

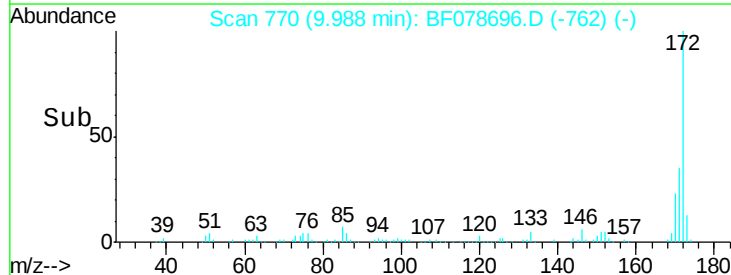
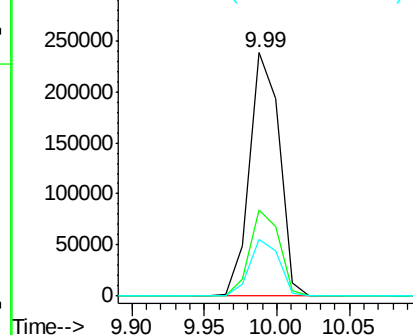


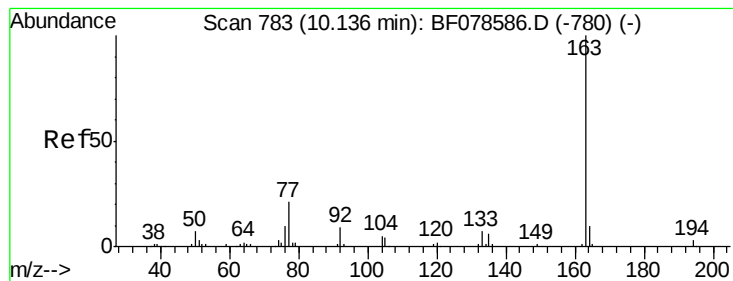
#44
 2-Fluorobiphenyl
 Concen: 64.34 ng
 RT: 9.99 min Scan# 770
 Delta R.T. -0.01 min
 Lab File: BF078696.D
 Acq: 21 Apr 2015 21:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.6	42.8
170	23.4	18.5	27.7



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: 2.63 ng

RT: 10.80 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF078696.D

Acq: 21 Apr 2015 21:38

Instrument :

BNA_F

ClientSampleId :

SB-71D

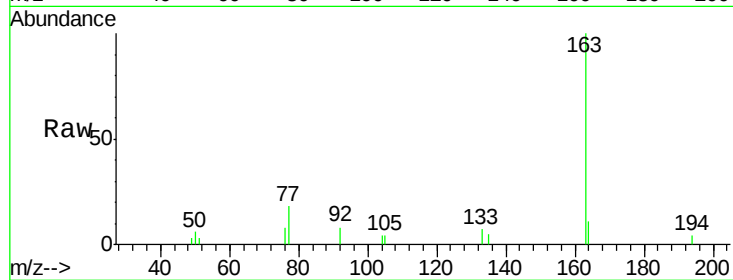
Tot Ion:163 Resp: 14946

Ion Ratio Lower Upper

163 100

194 4.0 2.3 3.5#

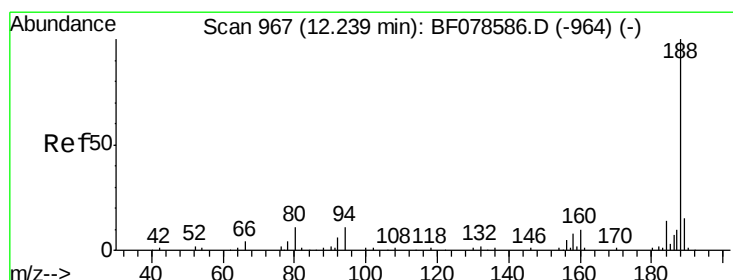
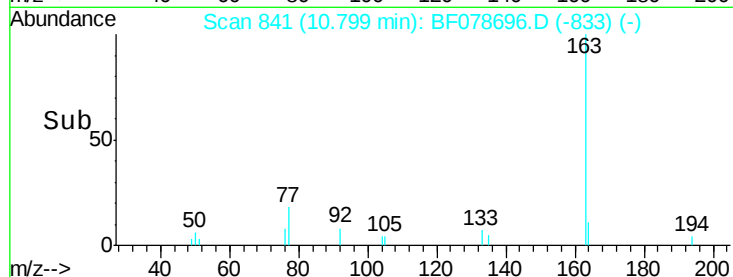
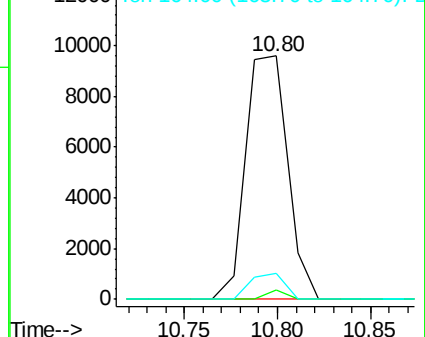
164 10.7 8.6 13.0



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: 13.90 min Scan# 1112

Delta R.T. -0.01 min

Lab File: BF078696.D

Acq: 21 Apr 2015 21:38

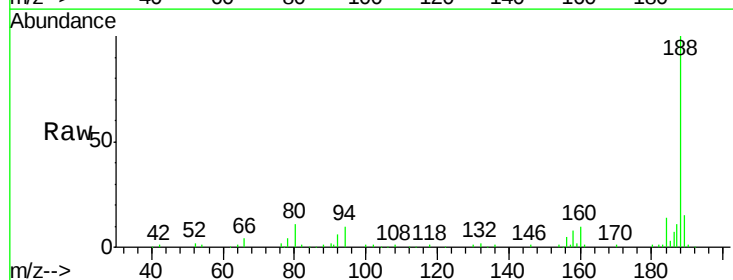
Tgt Ion:188 Resp: 145805

Ion Ratio Lower Upper

188 100

94 10.4 9.0 13.4

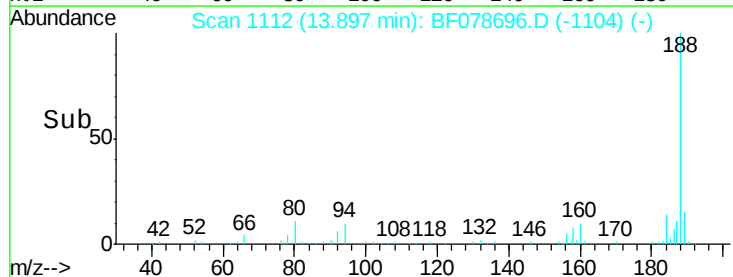
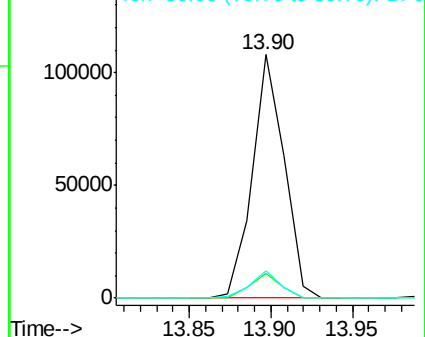
80 11.4 9.5 14.3

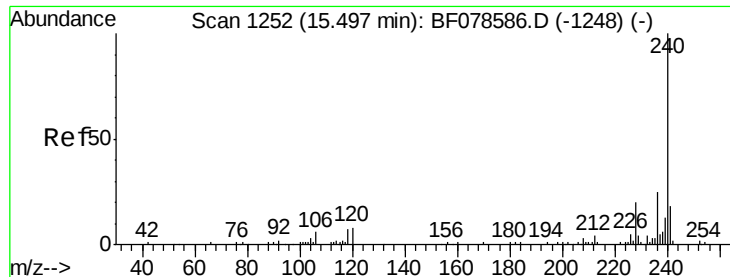


Abundance Ion 188.00 (187.70 to 188.70): E

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: 17.76 min Scan# 1450

Delta R.T. -0.02 min

Lab File: BF078696.D

Acq: 21 Apr 2015 21:38

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ClientSampleID :

SB-71D

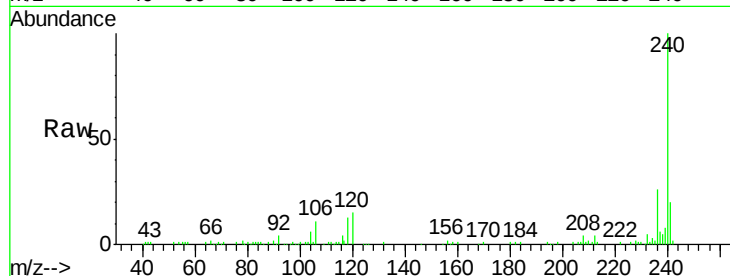
Tot Ion:240 Resp: 156888

Ion Ratio Lower Upper

240 100

120 15.1 7.1 10.7#

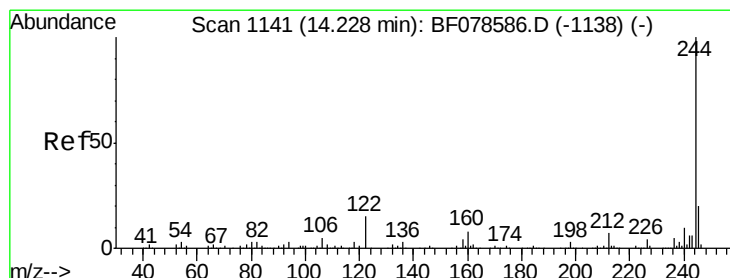
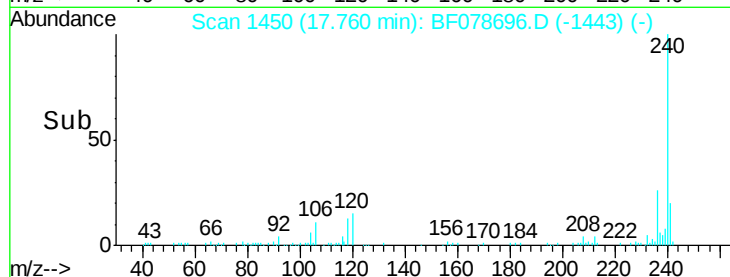
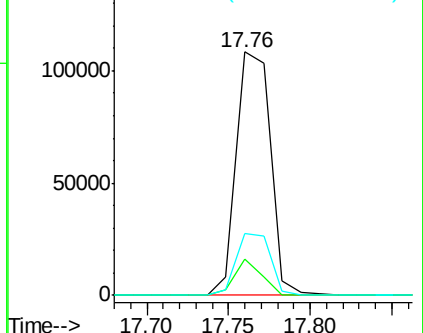
236 25.6 21.4 32.2



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: 56.36 ng

RT: 16.43 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BF078696.D

Acq: 21 Apr 2015 21:38

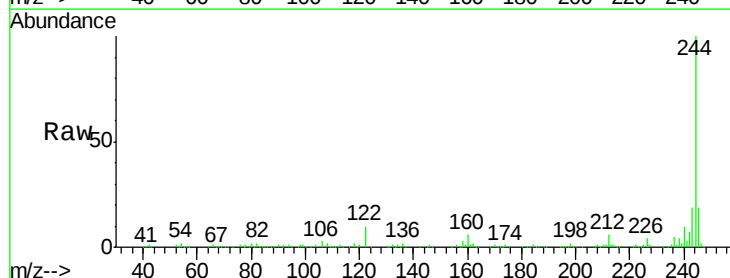
Tgt Ion:244 Resp: 391296

Ion Ratio Lower Upper

244 100

212 6.3 5.0 7.4

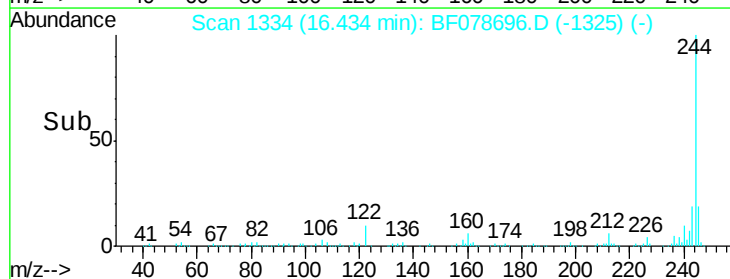
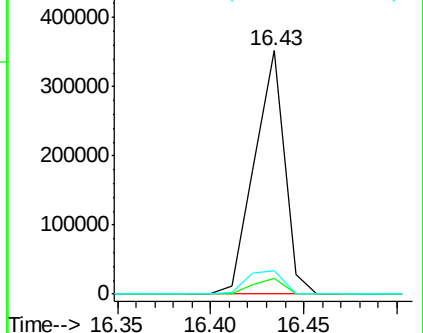
122 9.5 7.1 10.7

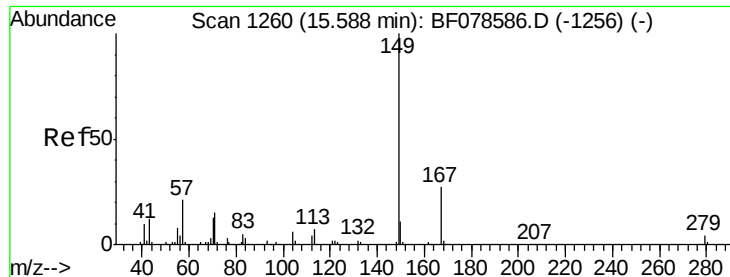


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.17 ng

RT: 17.90 min Scan# 1462

Delta R.T. -0.01 min

Lab File: BF078696.D

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SB-71D

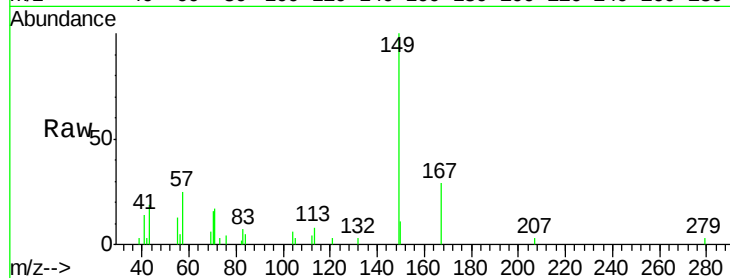
Tot Ion:149 Resp: 12798

Ion Ratio Lower Upper

149 100

167 28.9 22.2 33.2

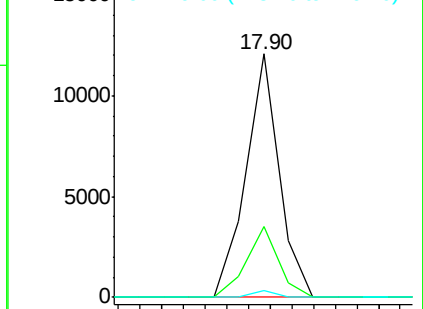
279 2.9 3.2 4.8#



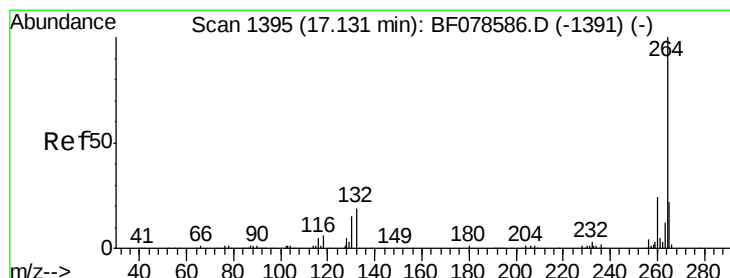
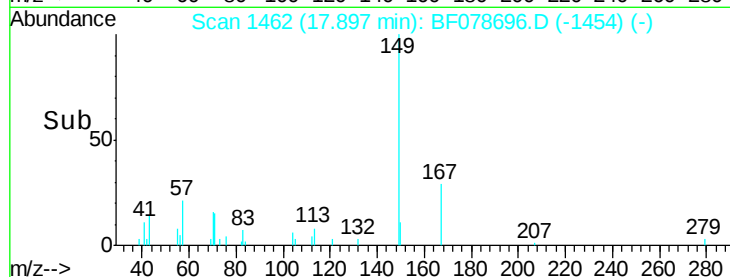
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 19.46 min Scan# 1599

Delta R.T. -0.02 min

Lab File: BF078696.D

Acq: 21 Apr 2015 21:38

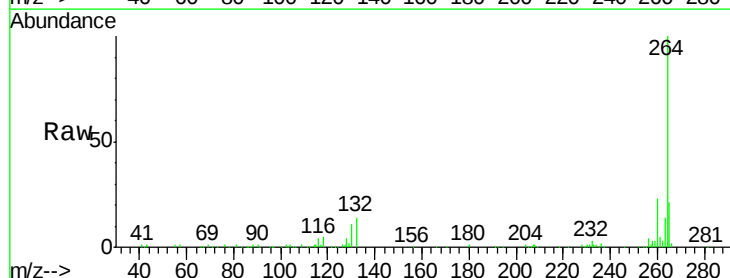
Tgt Ion:264 Resp: 159200

Ion Ratio Lower Upper

264 100

260 23.0 18.6 27.8

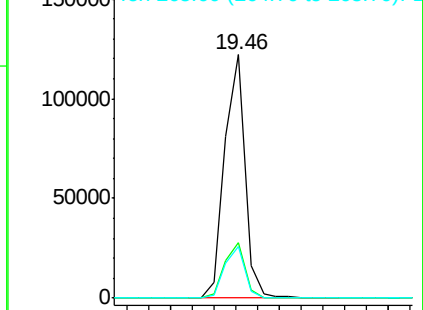
265 21.1 17.0 25.6



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



Time-->

