

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052615\
 Data File : BF079513.D
 Acq On : 27 May 2015 9:59
 Operator : TP/IZ
 Sample : G2383-06
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HF-4(1.5-2)

Quant Time: May 27 12:21:32 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 27 01:32:46 2015
 Response via : Initial Calibration

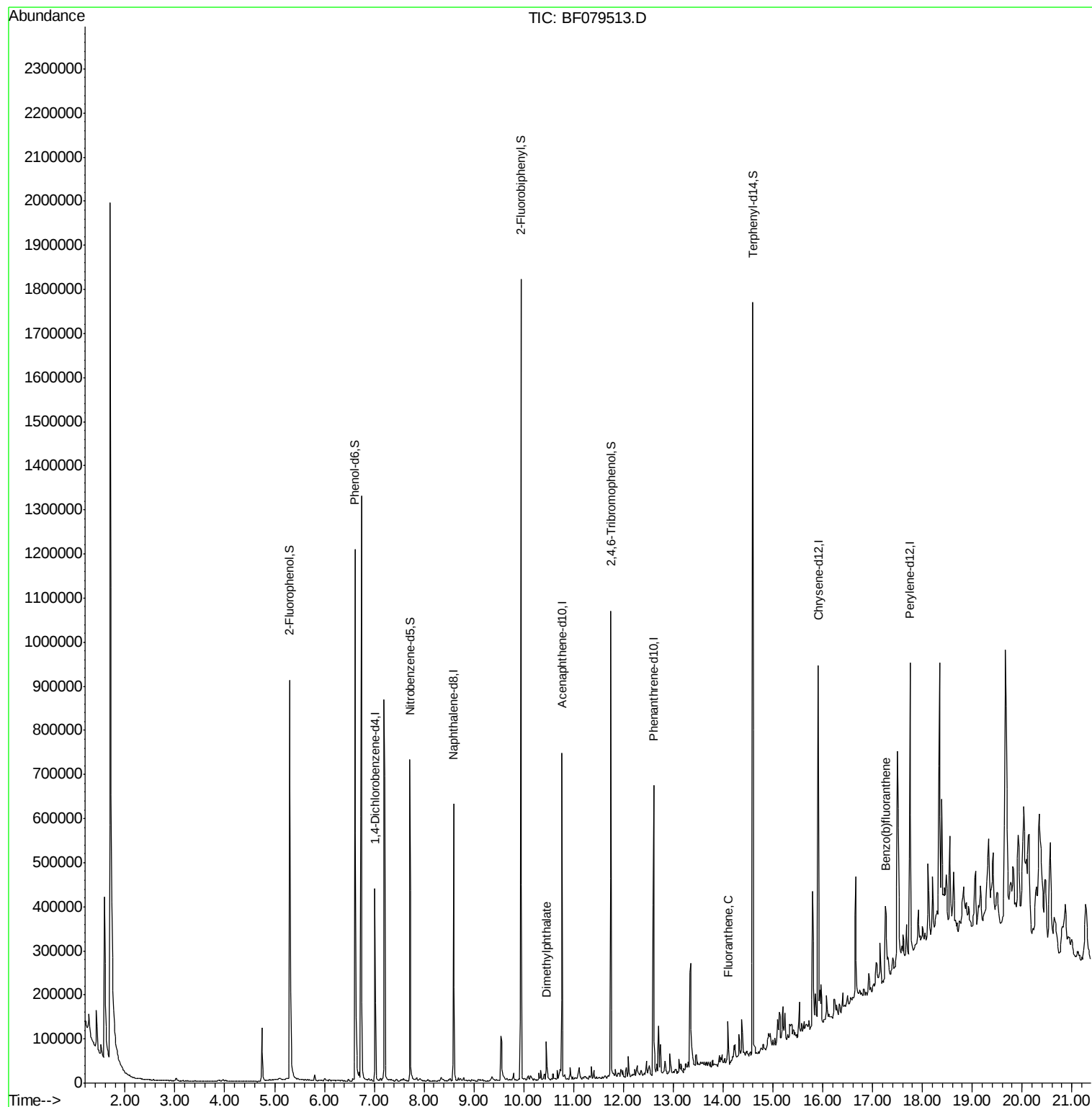
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	73178	20.00	ng	0.00
21) Naphthalene-d8	8.59	136	300992	20.00	ng	0.00
38) Acenaphthene-d10	10.76	164	151960	20.00	ng	0.00
63) Phenanthrene-d10	12.61	188	295545	20.00	ng	0.01
75) Chrysene-d12	15.91	240	314110	20.00	ng	0.03
86) Perylene-d12	17.75	264	314952	20.00	ng	0.16
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	327921	77.72	ng	0.00
7) Phenol-d6	6.62	99	501256	93.21	ng	0.00
23) Nitrobenzene-d5	7.71	82	287629	55.24	ng	0.00
41) 2,4,6-Tribromophenol	11.75	330	153588	92.02	ng	0.00
44) 2-Fluorobiphenyl	9.94	172	565688	53.11	ng	0.00
78) Terphenyl-d14	14.59	244	638731	47.72	ng	0.00
Target Compounds						
9) Benzaldehyde	6.48	77	710	Below Cal	#	83
49) Dimethylphthalate	10.46	163	32818	2.93	ng	97
73) Di-n-butylphthalate	13.36	149	4843	Below Cal	#	88
74) Fluoranthene	14.10	202	36698	2.11	ng	96
87) Benzo(b)fluoranthene	17.27	252	77267	4.30	ng	92
90) Dibenzo(a,h)anthracene	19.14	278	10836	Below Cal	#	66
91) Benzo(g,h,i)perylene	19.52	276	29963	Below Cal	#	91

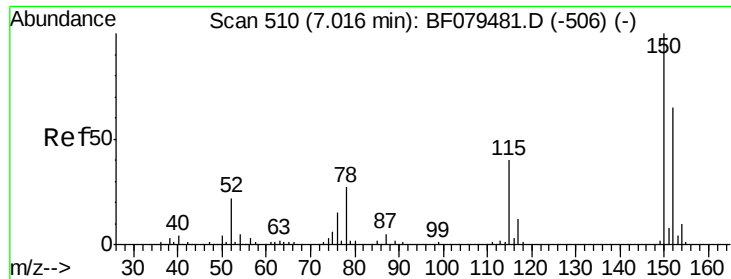
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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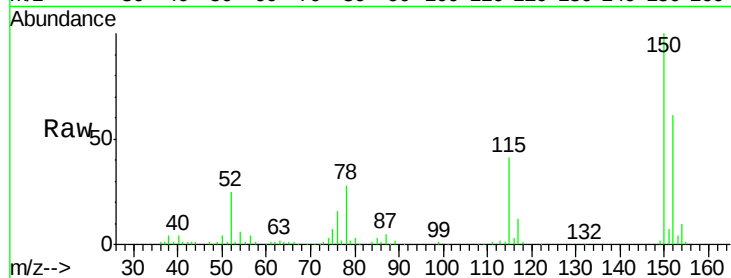




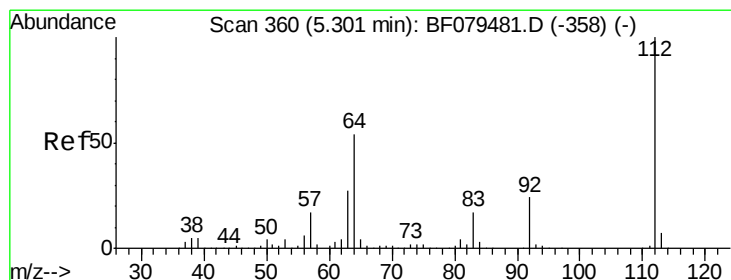
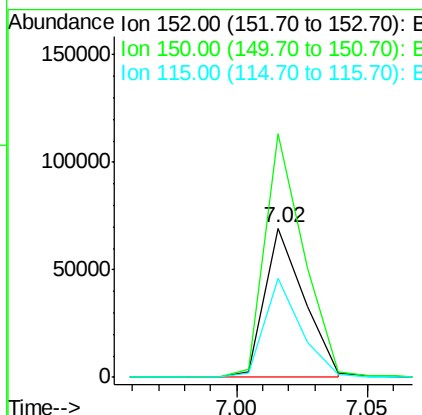
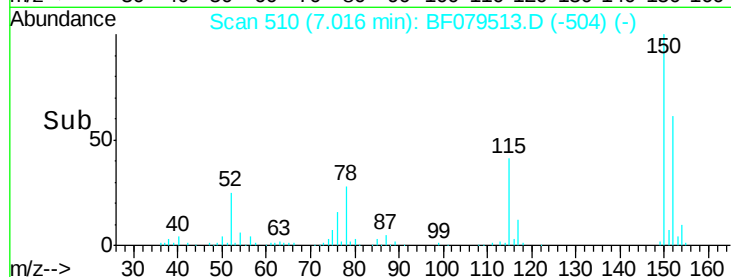
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.02 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: BF079513.D
 Acq: 27 May 2015 9:59

Instrument :
 BNA_F
 ClientSampleId :
 HF-4(1.5-2)

Tot Ion:152 Resp: 73178
 Ion Ratio Lower Upper
 152 100
 150 163.2 124.0 186.0
 115 66.3 49.6 74.4

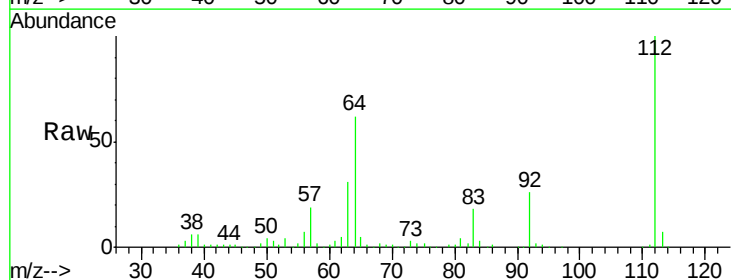


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

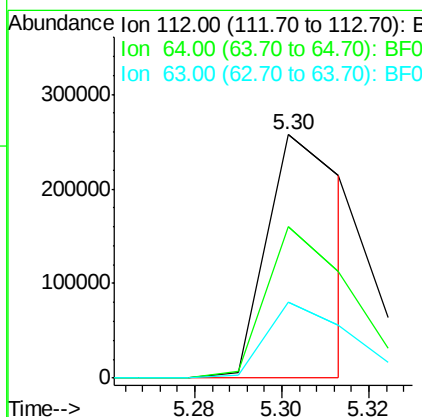
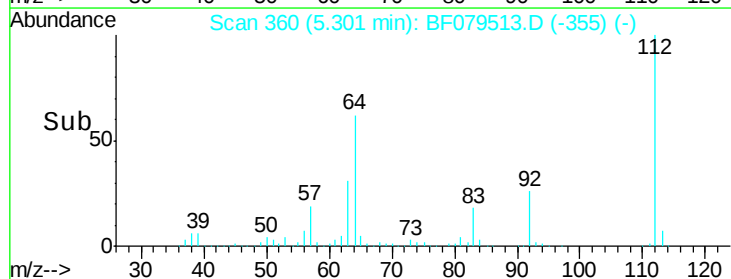


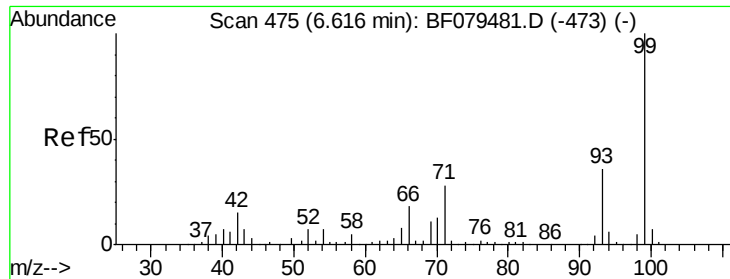
#5
 2-Fluorophenol
 Concen: 77.72 ng
 RT: 5.30 min Scan# 360
 Delta R.T. 0.00 min
 Lab File: BF079513.D
 Acq: 27 May 2015 9:59

Tgt Ion:112 Resp: 327921
 Ion Ratio Lower Upper
 112 100
 64 62.3 43.5 65.3
 63 31.0 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: 93.21 ng

RT: 6.62 min Scan# 475

Delta R.T. 0.00 min

Lab File: BF079513.D

Acq: 27 May 2015 9:59

Instrument :

BNA_F

ClientSampleId :

HF-4(1.5-2)

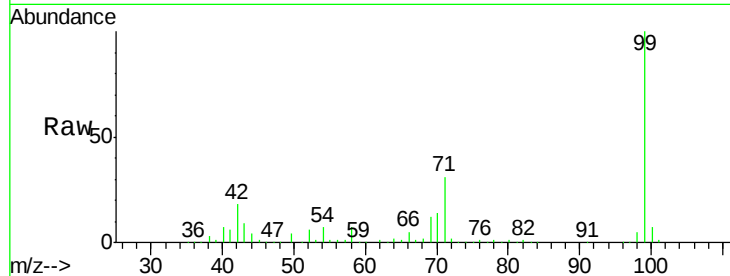
Tot Ion: 99 Resp: 501256

Ion Ratio Lower Upper

99 100

42 18.2 11.9 17.9#

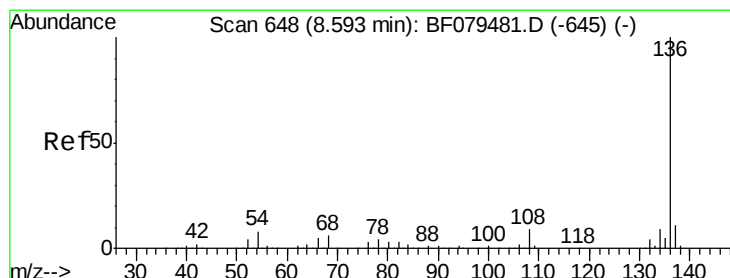
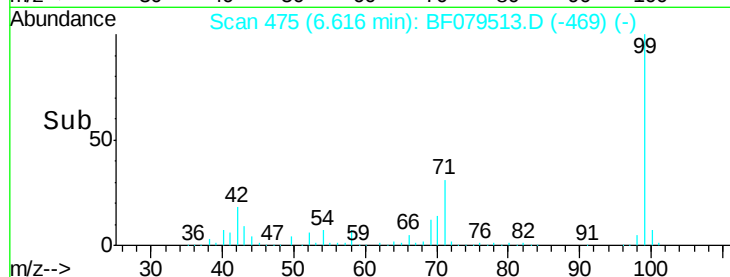
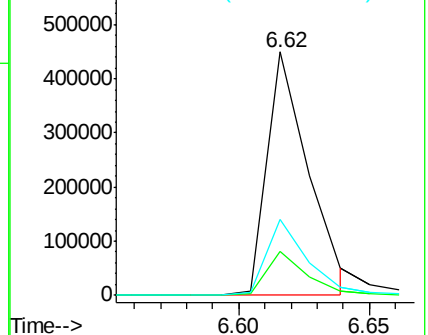
71 31.2 22.1 33.1



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: 8.59 min Scan# 648

Delta R.T. 0.00 min

Lab File: BF079513.D

Acq: 27 May 2015 9:59

Tgt Ion: 136 Resp: 300992

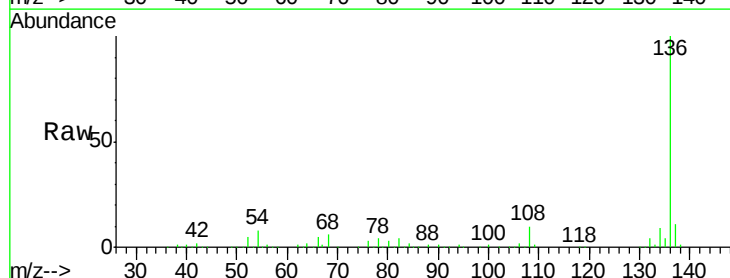
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 8.3 6.6 9.8

68 6.5 4.7 7.1

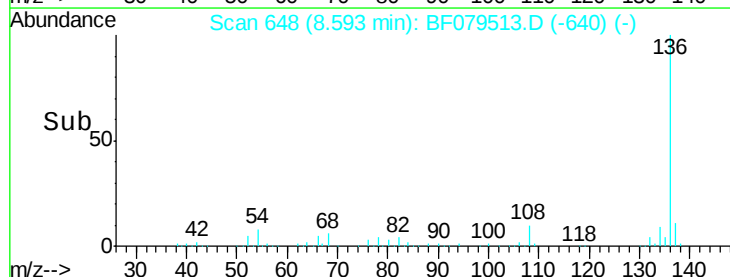
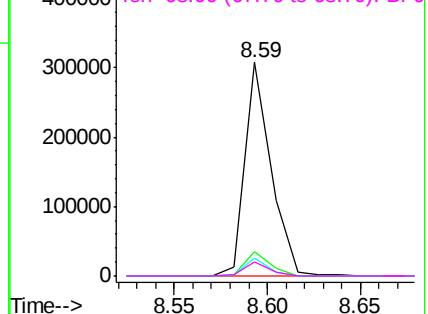


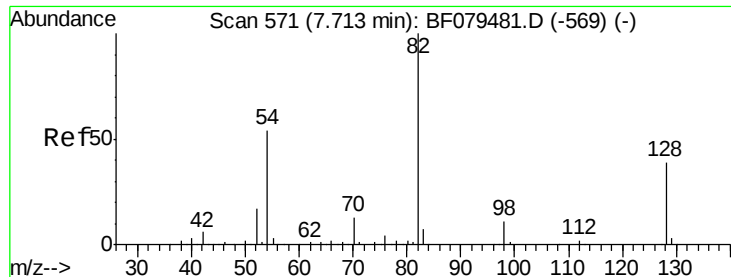
Abundance Ion 136.00 (135.70 to 136.70): E

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: 55.24 ng

RT: 7.71 min Scan# 571

Delta R.T. 0.00 min

Lab File: BF079513.D

Acq: 27 May 2015 9:59

Instrument :

BNA_F

ClientSampleId :

HF-4(1.5-2)

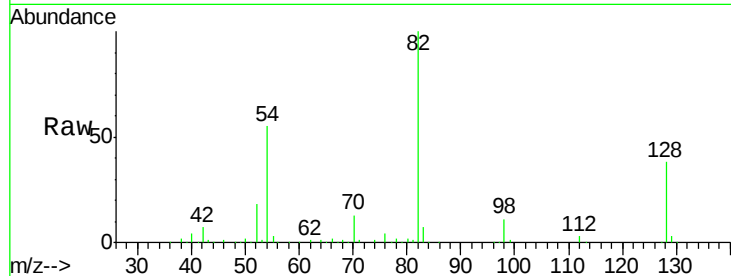
Tot Ion: 82 Resp: 287629

Ion Ratio Lower Upper

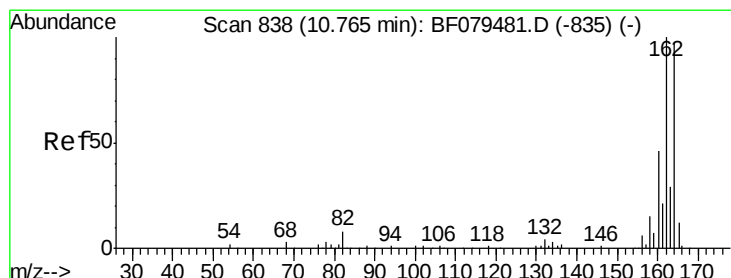
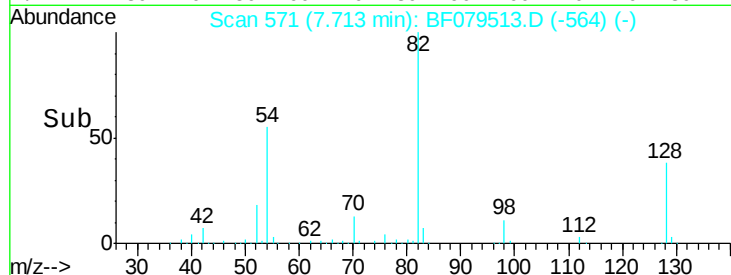
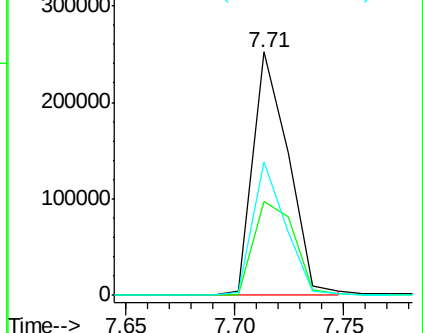
82 100

128 38.4 30.8 46.2

54 55.1 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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.76 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF079513.D

Acq: 27 May 2015 9:59

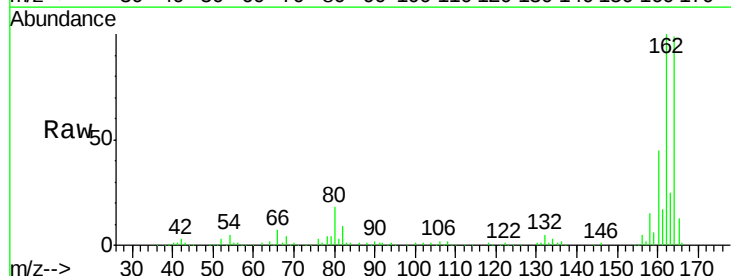
Tgt Ion:164 Resp: 151960

Ion Ratio Lower Upper

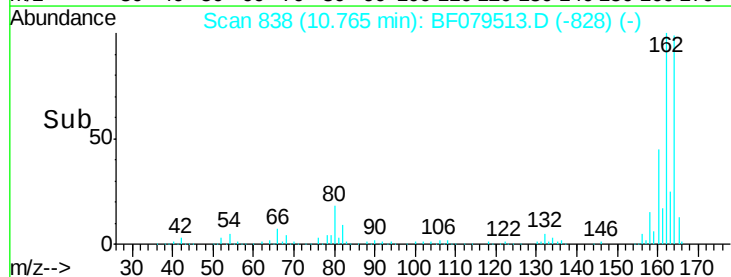
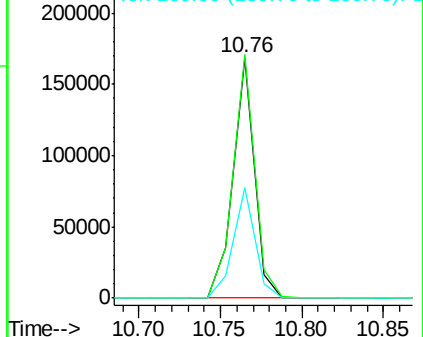
164 100

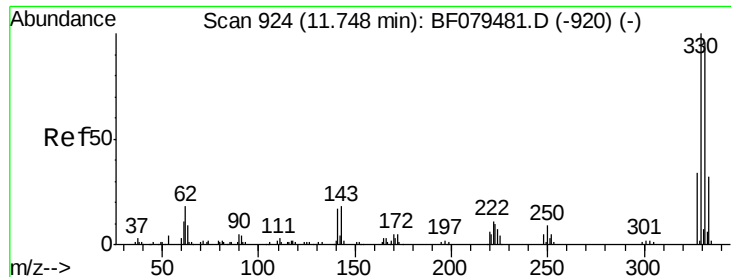
162 101.5 82.6 124.0

160 46.0 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

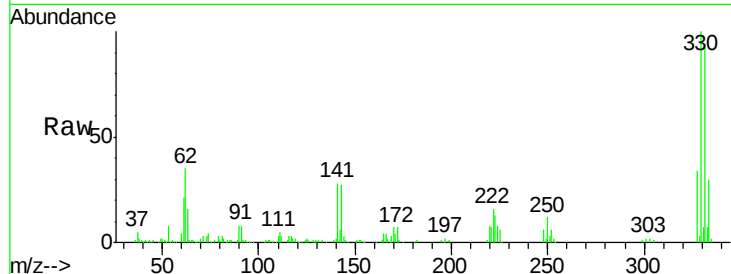




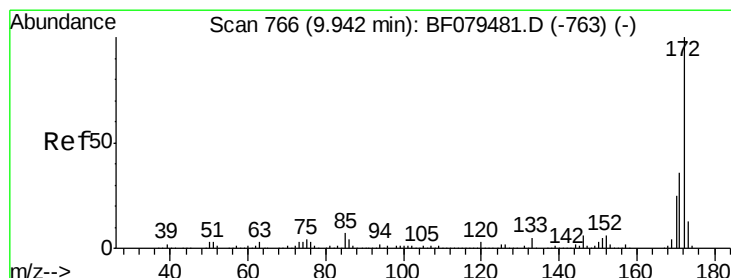
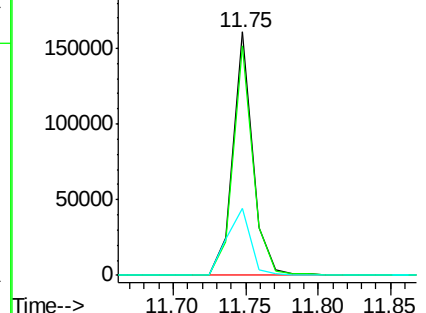
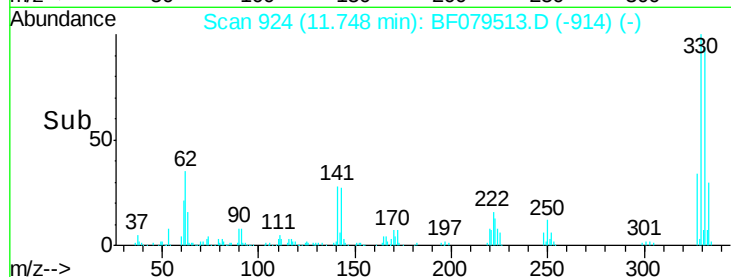
#41
 2,4,6-Tribromophenol
 Concen: 92.02 ng
 RT: 11.75 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BF079513.D
 Acq: 27 May 2015 9:59

Instrument :
 BNA_F
 ClientSampleId :
 HF-4(1.5-2)

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	0.0	0.0#
141	33.6	0.0	0.0#

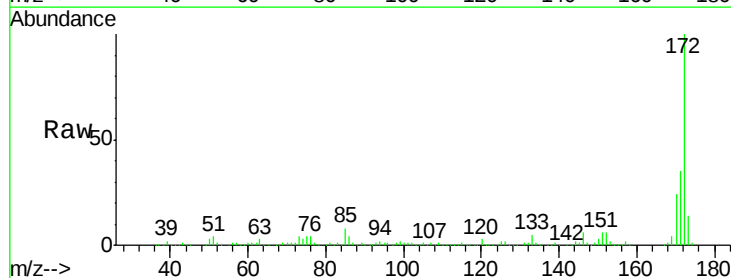


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

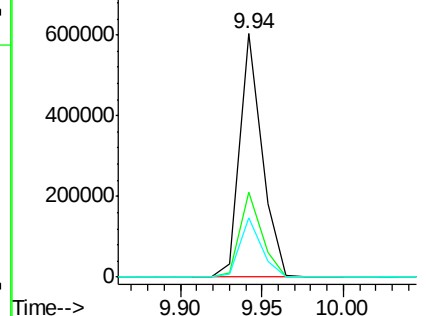
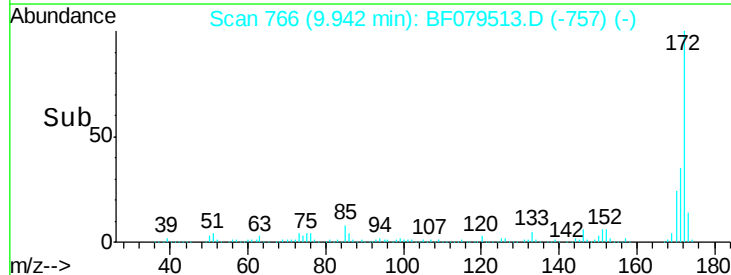


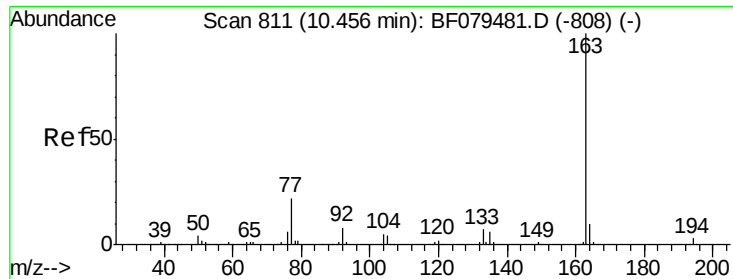
#44
 2-Fluorobiphenyl
 Concen: 53.11 ng
 RT: 9.94 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: BF079513.D
 Acq: 27 May 2015 9:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	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

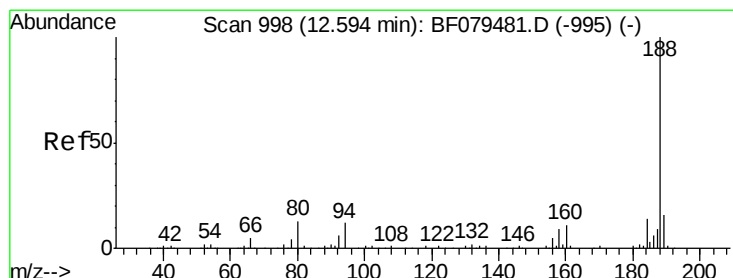
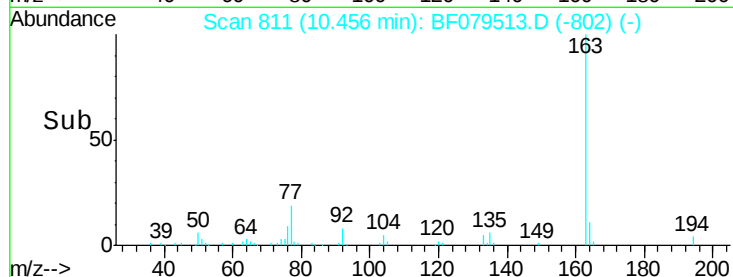
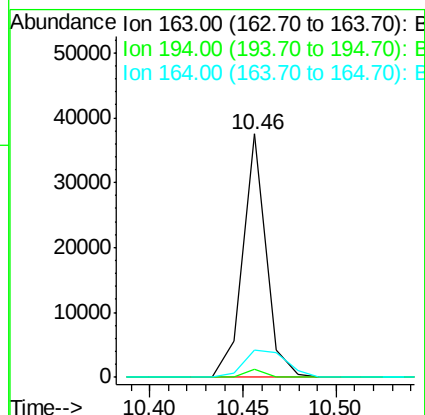
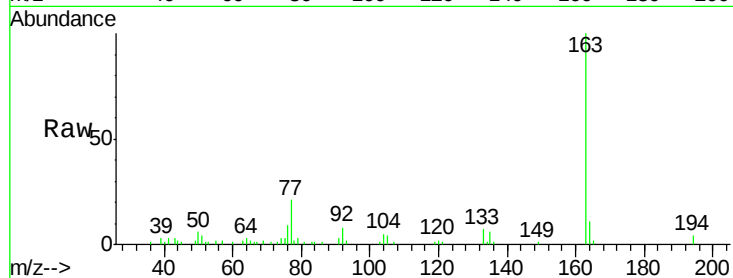




#49
Dimethylphthalate
Concen: 2.93 ng
RT: 10.46 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF079513.D
Acq: 27 May 2015 9:59

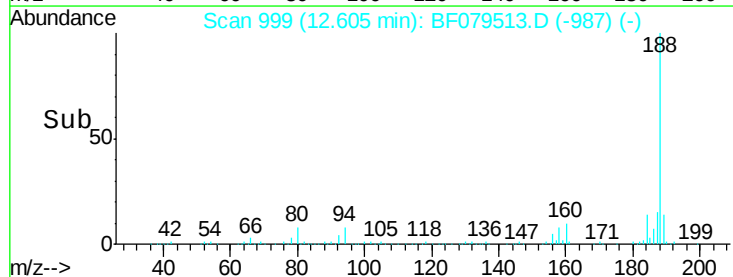
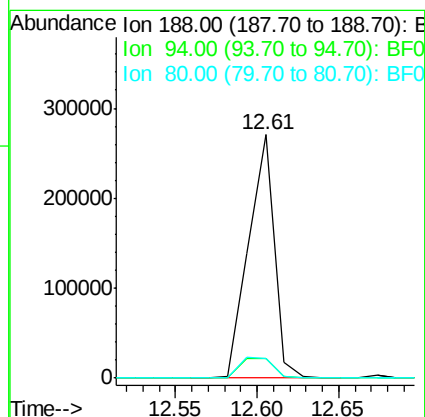
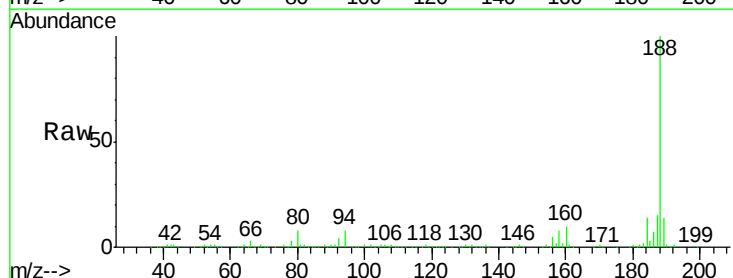
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HF-4(1.5-2)

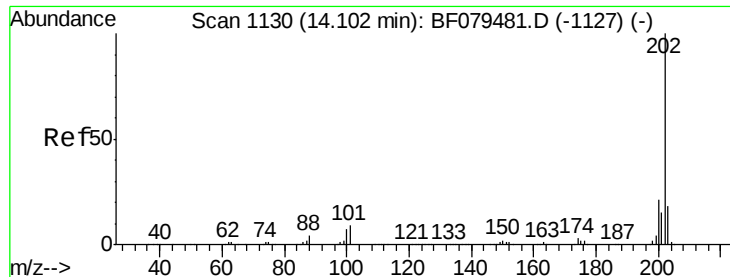
Tot Ion:163 Resp: 32818
Ion Ratio Lower Upper
163 100
194 3.6 2.4 3.6
164 11.4 8.2 12.4



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.61 min Scan# 999
Delta R.T. 0.01 min
Lab File: BF079513.D
Acq: 27 May 2015 9:59

Tgt Ion:188 Resp: 295545
Ion Ratio Lower Upper
188 100
94 8.2 9.8 14.6#
80 8.2 10.5 15.7#





#74

Fluoranthene

Concen: 2.11 ng

RT: 14.10 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BF079513.D

Acq: 27 May 2015 9:59

Instrument :

BNA_F

ClientSampleId :

HF-4(1.5-2)

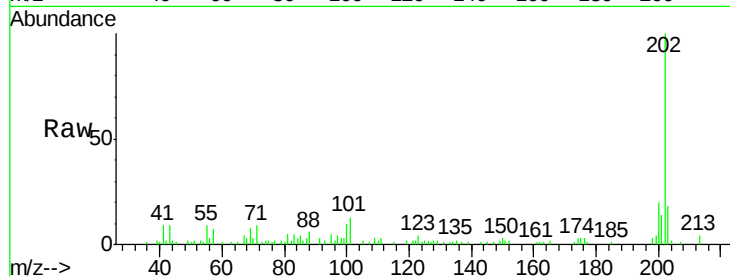
Tot Ion:202 Resp: 36698

Ion Ratio Lower Upper

202 100

101 13.4 0.0 29.3

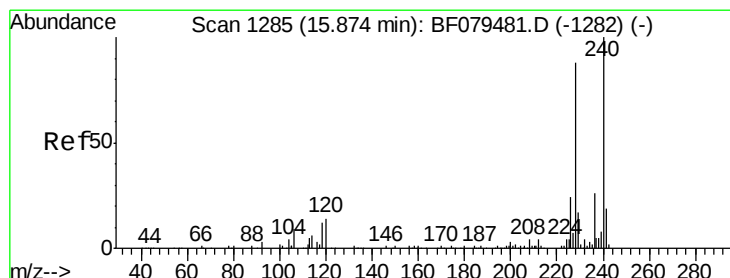
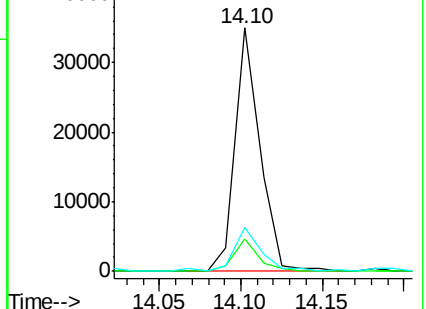
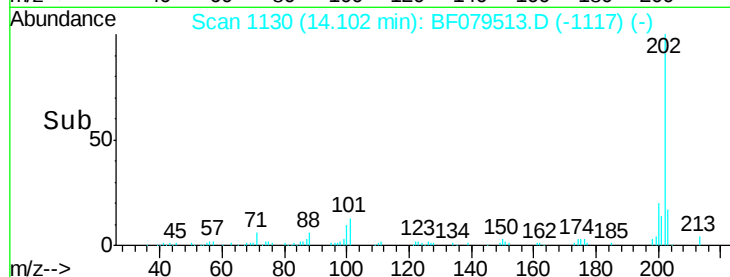
203 17.9 0.0 37.6



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: 15.91 min Scan# 1288

Delta R.T. 0.03 min

Lab File: BF079513.D

Acq: 27 May 2015 9:59

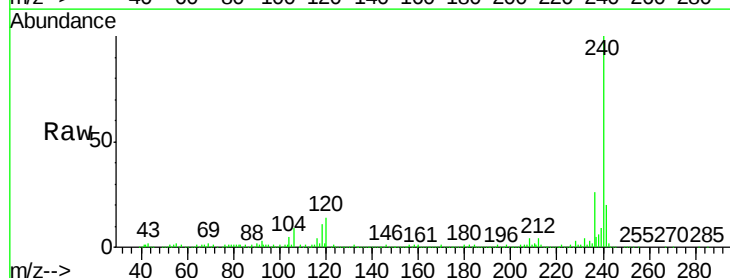
Tgt Ion:240 Resp: 314110

Ion Ratio Lower Upper

240 100

120 13.9 10.8 16.2

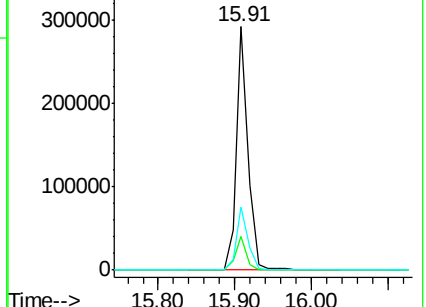
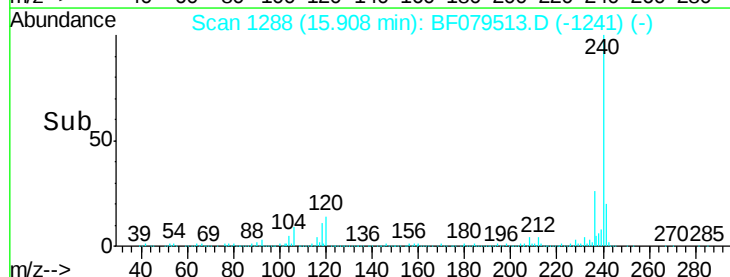
236 25.9 21.0 31.6

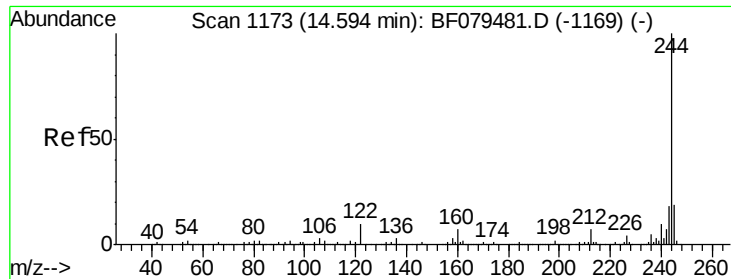


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 47.72 ng

RT: 14.59 min Scan# 1173

Delta R.T. 0.00 min

Lab File: BF079513.D

Acq: 27 May 2015 9:59

Instrument :

BNA_F

ClientSampleId :

HF-4(1.5-2)

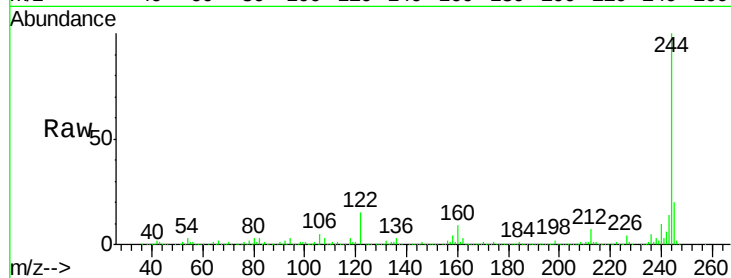
Tot Ion:244 Resp: 638731

Ion Ratio Lower Upper

244 100

212 6.9 5.2 7.8

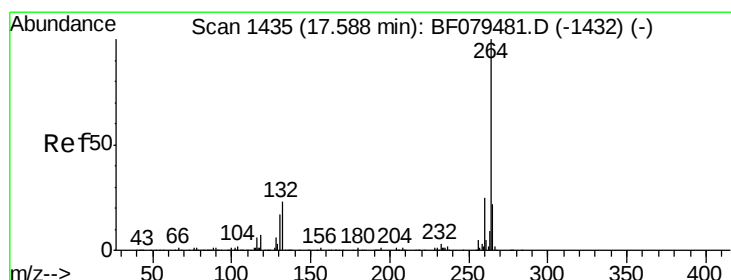
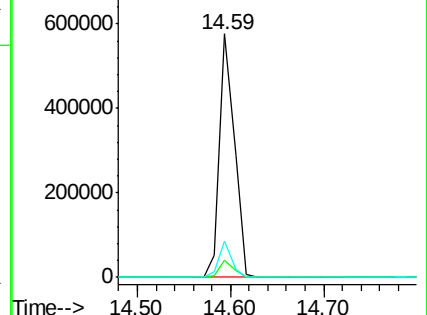
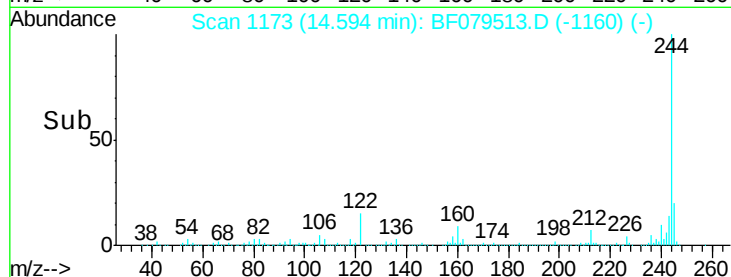
122 14.6 8.0 12.0#



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 17.75 min Scan# 1449

Delta R.T. 0.16 min

Lab File: BF079513.D

Acq: 27 May 2015 9:59

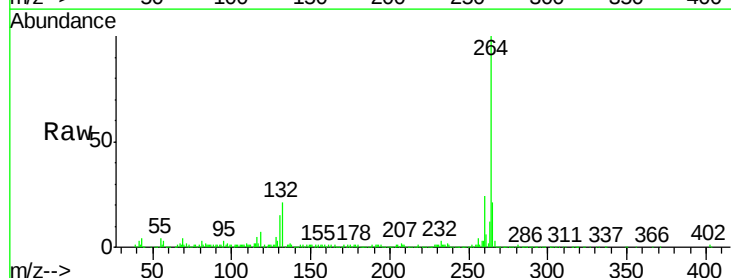
Tgt Ion:264 Resp: 314952

Ion Ratio Lower Upper

264 100

260 24.1 19.8 29.8

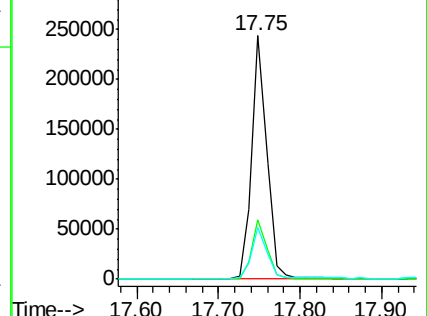
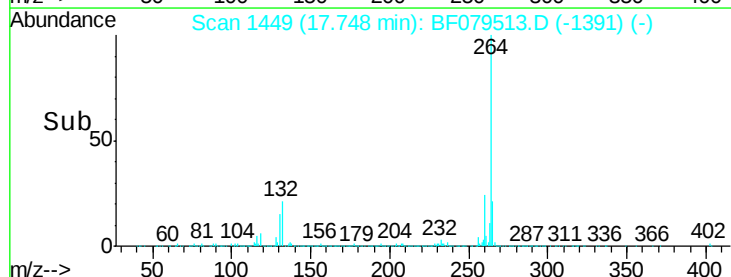
265 21.2 17.8 26.6

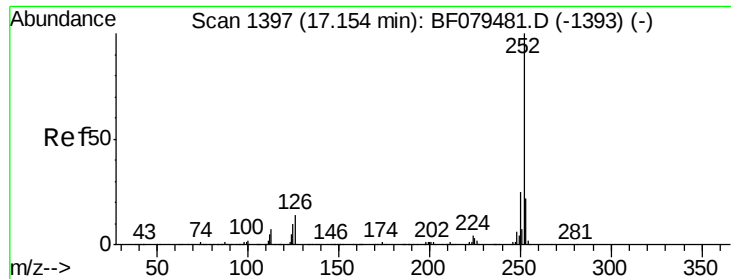


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

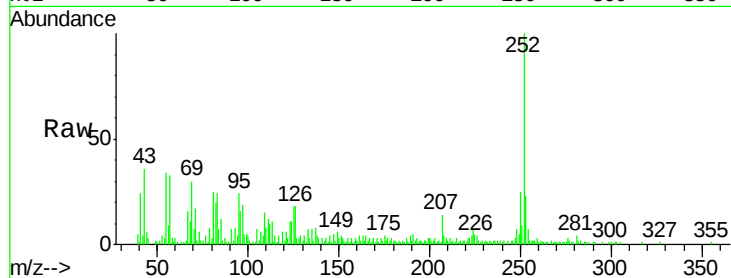




#87
 Benzo(b)fluoranthene
 Concen: 4.30 ng
 RT: 17.27 min Scan# 1407
 Delta R.T. 0.11 min
 Lab File: BF079513.D
 Acq: 27 May 2015 9:59

Instrument :
 BNA_F
 ClientSampleId :
 HF-4(1.5-2)

Tot Ion: 252 Resp: 77267
 Ion Ratio Lower Upper
 252 100
 253 22.7 17.6 26.4
 125 17.7 7.8 11.6#



Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 253.00 (252.70 to 253.70): E
 Ion 125.00 (124.70 to 125.70): E

