

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040915\
 Data File : BF078385.D
 Acq On : 10 Apr 2015 5:54
 Operator : TP/IZ
 Sample : G1782-05
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB10(2)

Quant Time: Apr 10 06:18:31 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 10 01:53:29 2015
 Response via : Initial Calibration

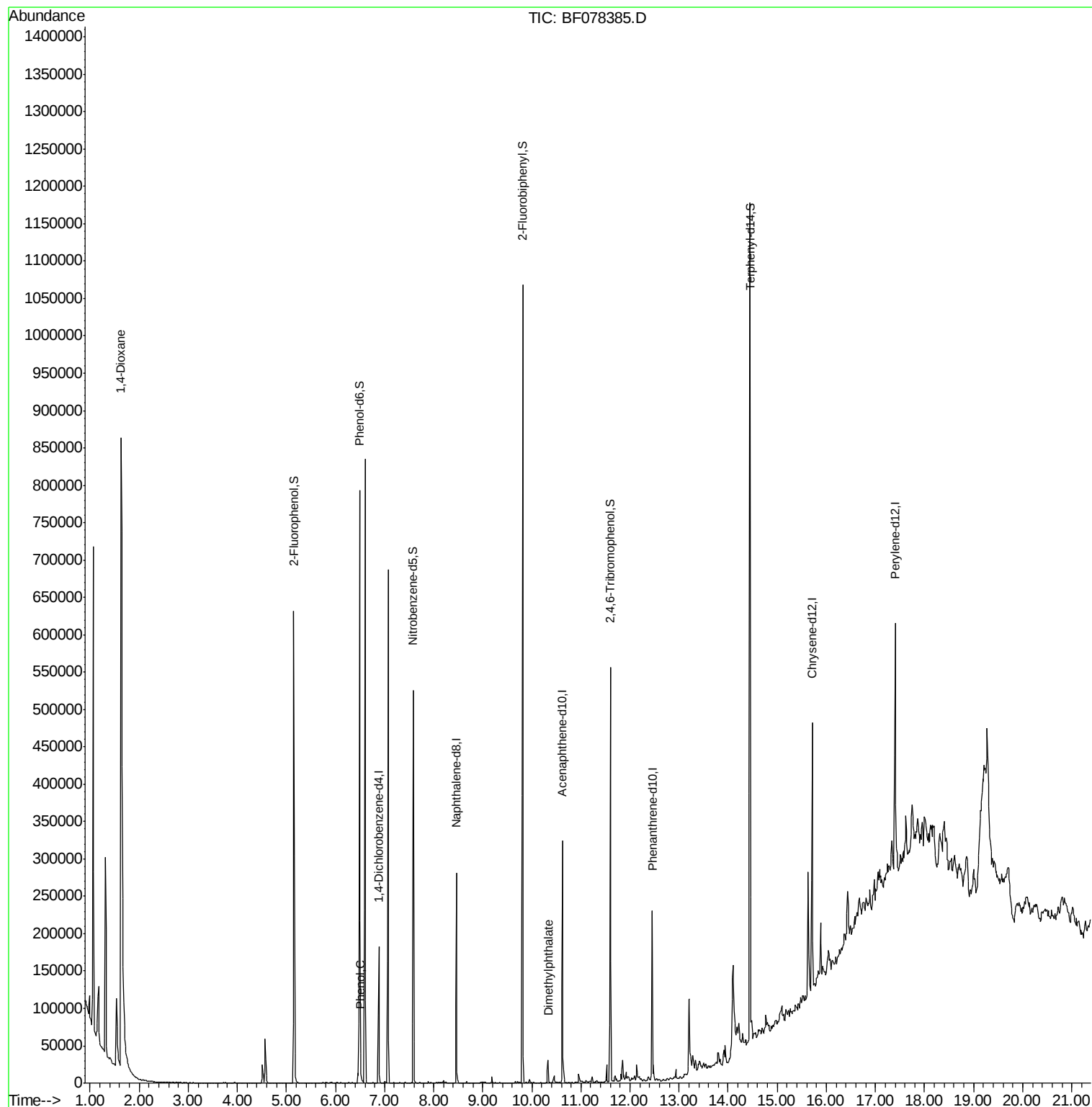
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	33997	20.00	ng	0.00
21) Naphthalene-d8	8.46	136	142933	20.00	ng	0.00
38) Acenaphthene-d10	10.62	164	70962	20.00	ng	0.00
63) Phenanthrene-d10	12.45	188	131431	20.00	ng	0.01
75) Chrysene-d12	15.71	240	143807	20.00	ng	0.00
86) Perylene-d12	17.40	264	138230	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	222506	107.91	ng	0.01
7) Phenol-d6	6.49	99	287545	111.27	ng	0.01
23) Nitrobenzene-d5	7.58	82	161685	68.57	ng	0.00
41) 2,4,6-Tribromophenol	11.60	330	64456	109.52	ng	0.00
44) 2-Fluorobiphenyl	9.81	172	370791	74.69	ng	0.00
78) Terphenyl-d14	14.44	244	397204	62.41	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.63	88	43249	46.38	ng	# 23
10) Phenol	6.51	94	7491	2.42	ng	87
49) Dimethylphthalate	10.33	163	16808	3.15	ng	# 95

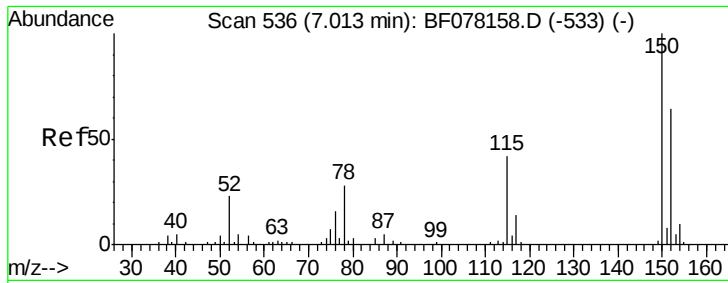
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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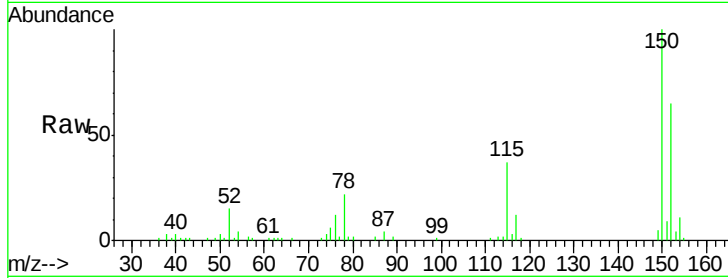


#1

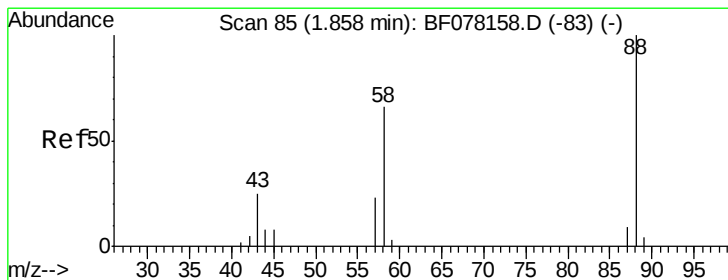
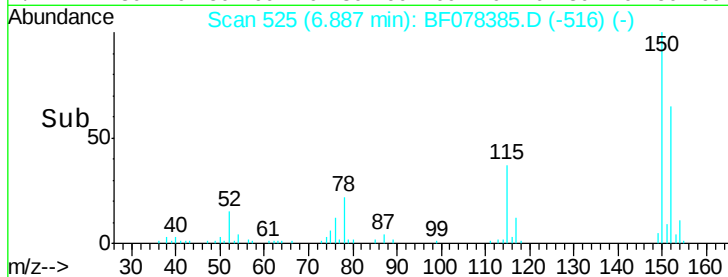
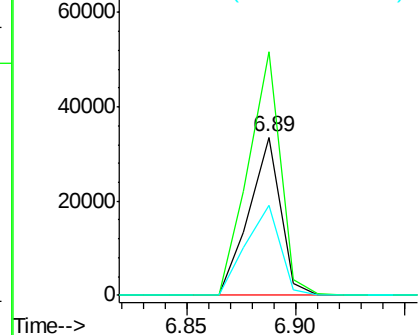
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF078385.D
Acq: 10 Apr 2015 5:54

Instrument :
BNA_F
ClientSampleId :
SB10(2)

Tgt Ion:152 Resp: 33997
Ion Ratio Lower Upper
152 100
150 154.1 125.9 188.9
115 56.9 52.7 79.1



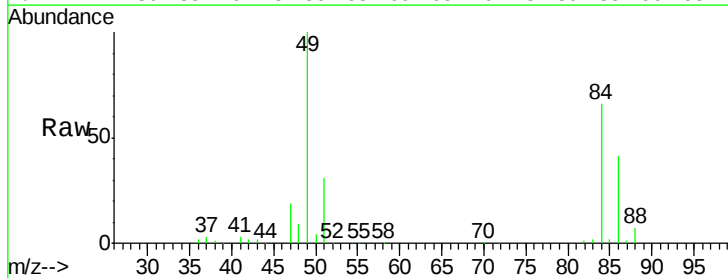
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



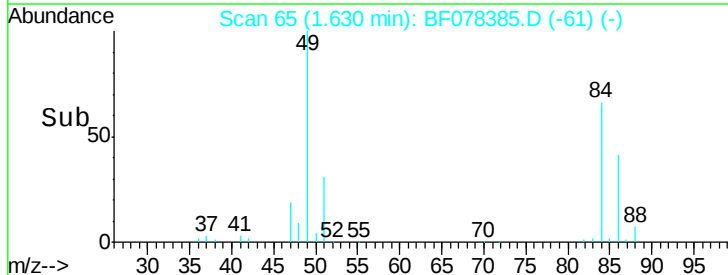
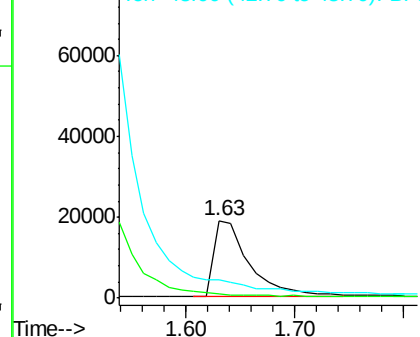
#2

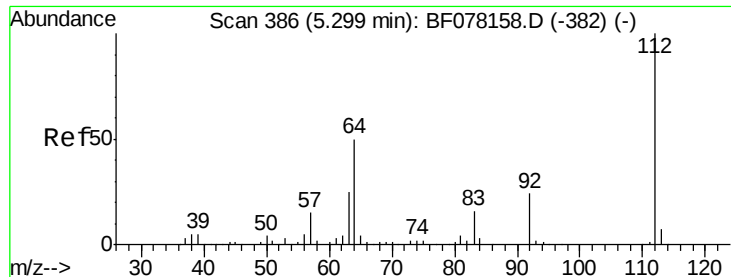
1,4-Dioxane
Concen: 46.38 ng
RT: 1.63 min Scan# 65
Delta R.T. -0.06 min
Lab File: BF078385.D
Acq: 10 Apr 2015 5:54

Tgt Ion: 88 Resp: 43249
Ion Ratio Lower Upper
88 100
58 0.0 56.9 85.3#
43 0.0 21.4 32.2#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 107.91 ng

RT: 5.15 min Scan# 373

Delta R.T. 0.01 min

Lab File: BF078385.D

Acq: 10 Apr 2015 5:54

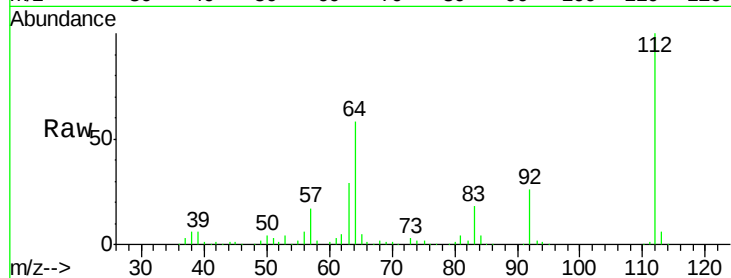
Instrument :

BNA_F

ClientSampleId :

SB10(2)

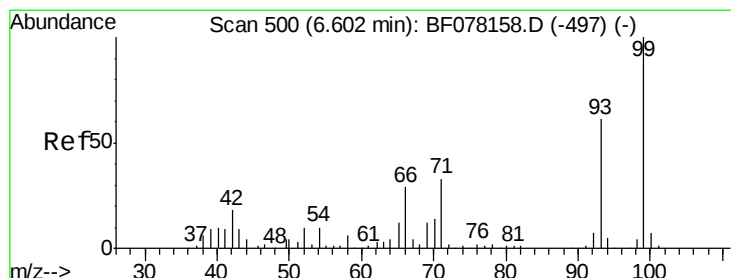
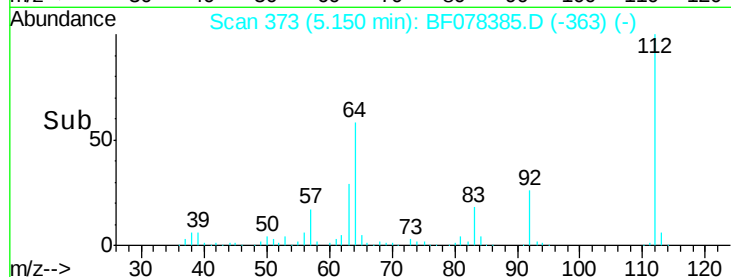
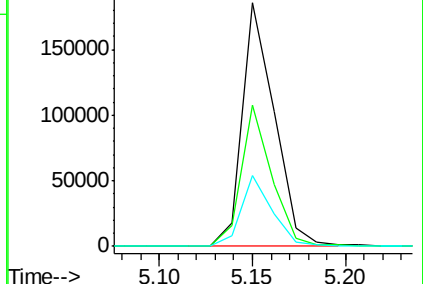
Tgt Ion:	112	Resp:	222506
Ion	Ratio	Lower	Upper
112	100		
64	58.3	39.9	59.9
63	29.1	20.2	30.4



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: 111.27 ng

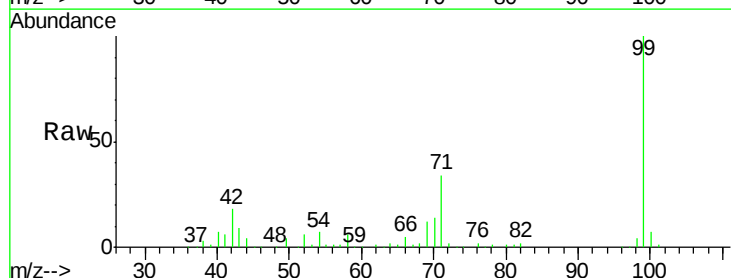
RT: 6.49 min Scan# 490

Delta R.T. 0.01 min

Lab File: BF078385.D

Acq: 10 Apr 2015 5:54

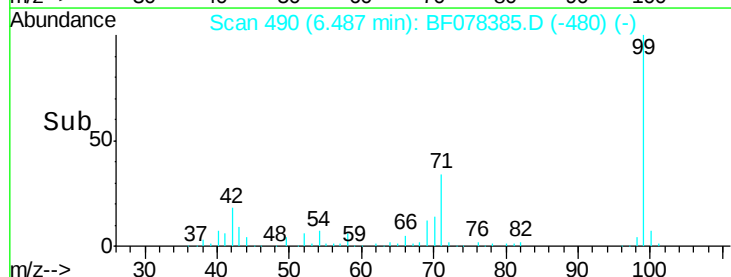
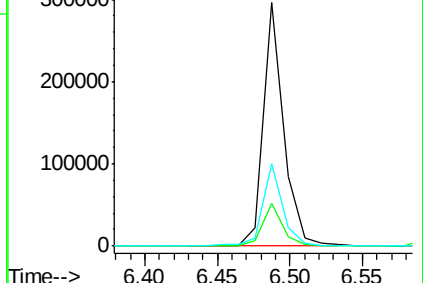
Tgt Ion:	99	Resp:	287545
Ion	Ratio	Lower	Upper
99	100		
42	17.5	14.8	22.2
71	33.6	26.6	39.8

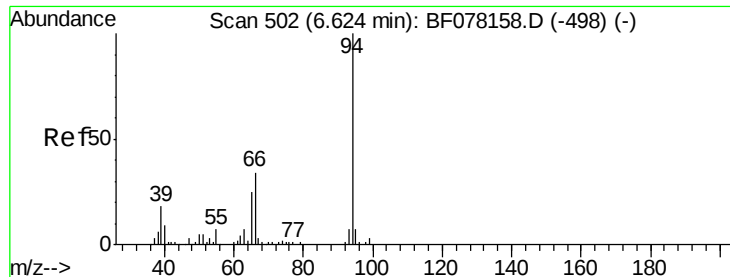


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#10

Phenol

Concen: 2.42 ng

RT: 6.51 min Scan# 492

Delta R.T. 0.01 min

Lab File: BF078385.D

Acq: 10 Apr 2015 5:54

Instrument :

BNA_F

ClientSampleId :

SB10(2)

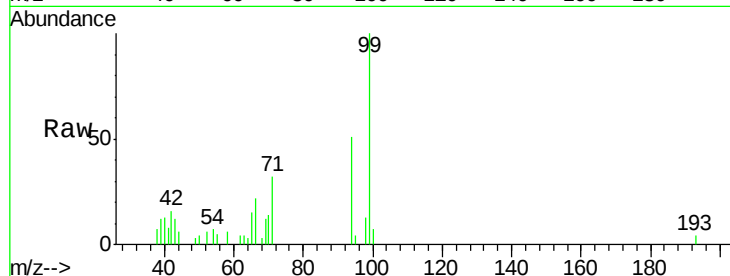
Tgt Ion: 94 Resp: 7491

Ion Ratio Lower Upper

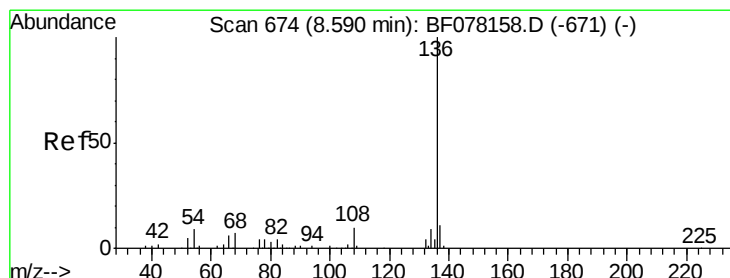
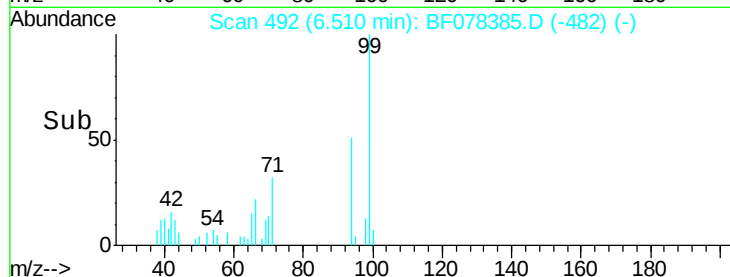
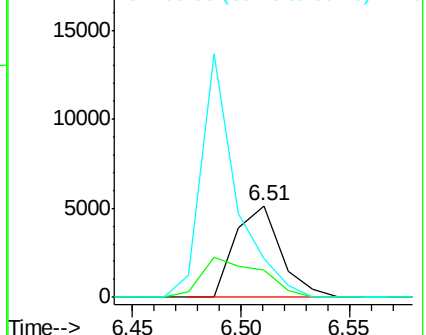
94 100

65 29.9 4.9 44.9

66 42.8 13.8 53.8



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.46 min Scan# 663

Delta R.T. -0.00 min

Lab File: BF078385.D

Acq: 10 Apr 2015 5:54

Tgt Ion: 136 Resp: 142933

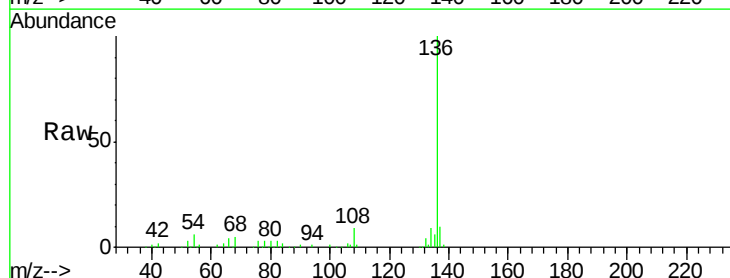
Ion Ratio Lower Upper

136 100

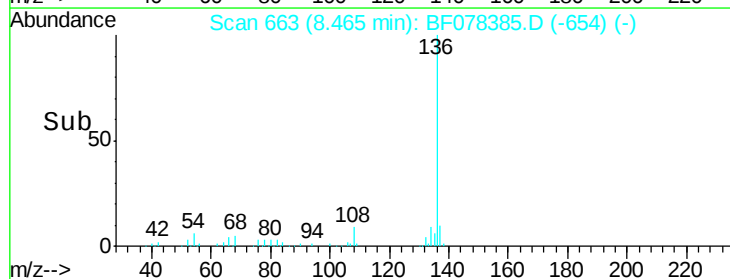
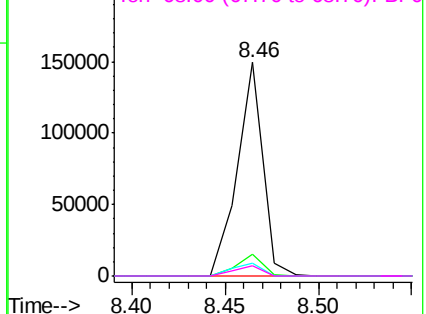
137 10.3 9.0 13.4

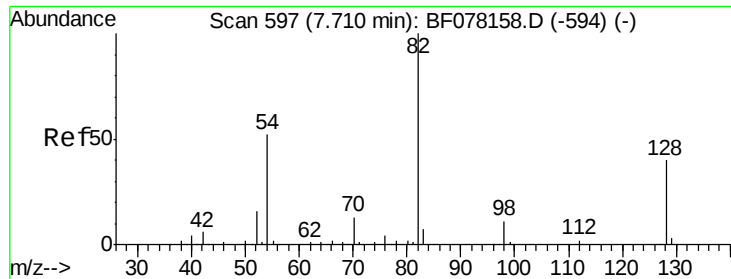
54 6.0 7.0 10.6#

68 5.0 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

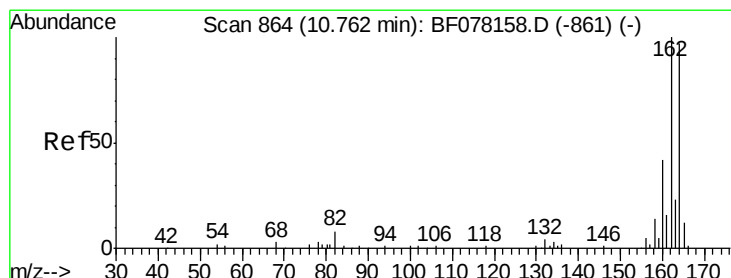
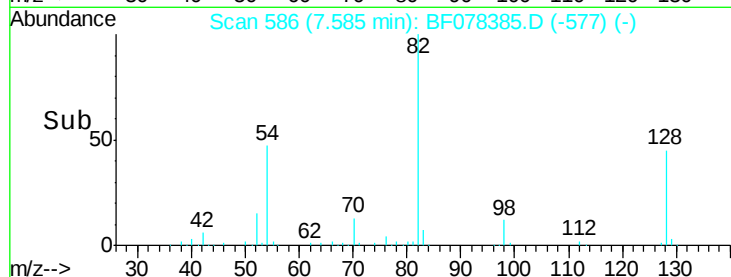
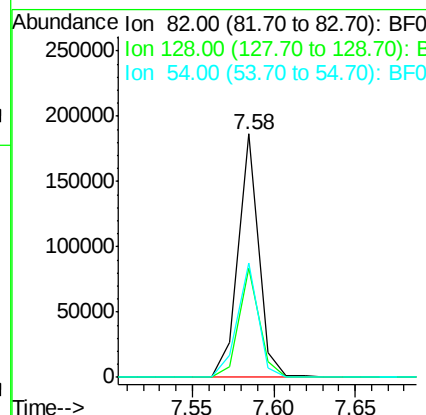
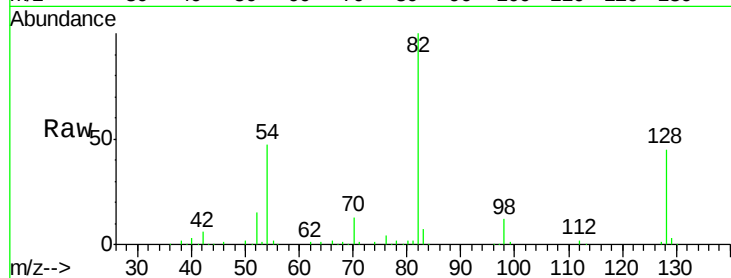




#23
 Nitrobenzene-d5
 Concen: 68.57 ng
 RT: 7.58 min Scan# 586
 Delta R.T. -0.00 min
 Lab File: BF078385.D
 Acq: 10 Apr 2015 5:54

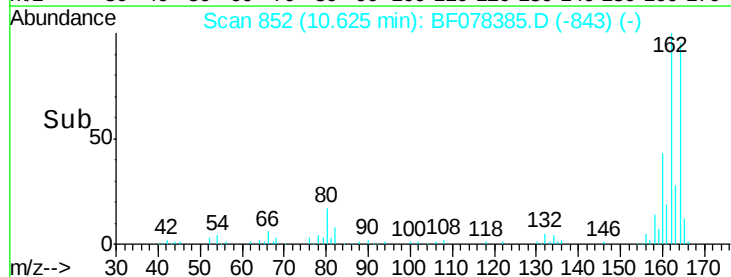
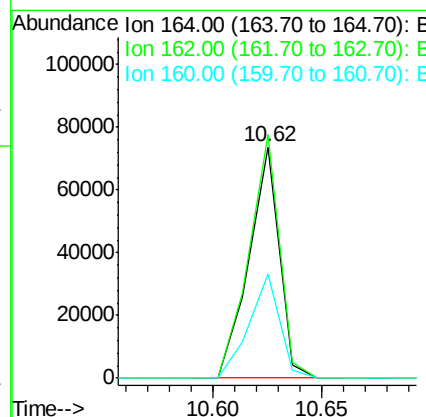
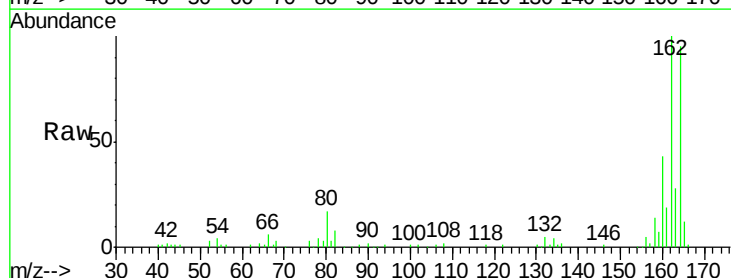
Instrument :
 BNA_F
 ClientSampleID :
 SB10(2)

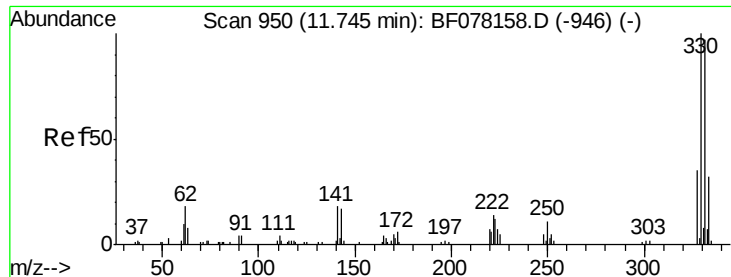
Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.0	31.8	47.8
54	47.0	41.5	62.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.62 min Scan# 852
 Delta R.T. -0.00 min
 Lab File: BF078385.D
 Acq: 10 Apr 2015 5:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.4	82.2	123.2
160	44.8	34.7	52.1

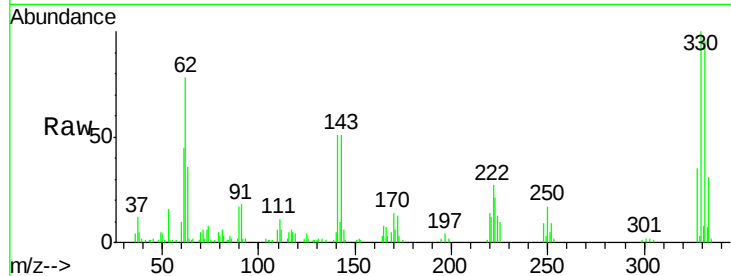




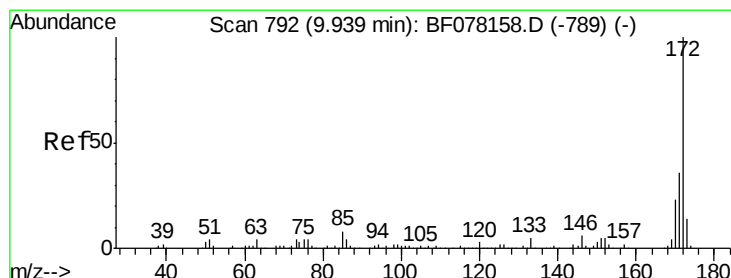
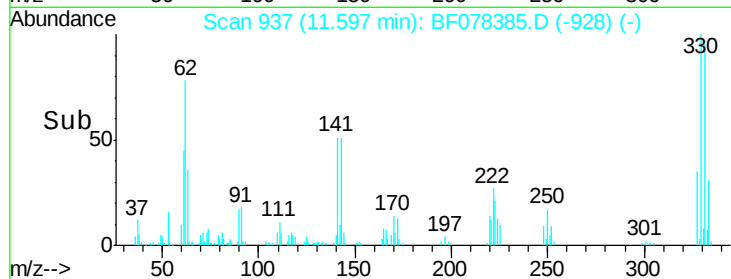
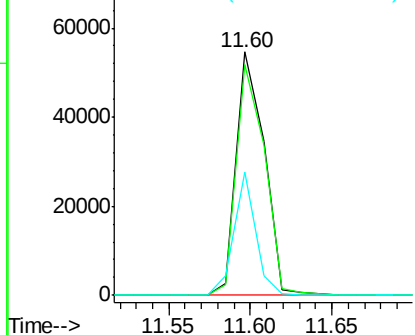
#41
 2,4,6-Tribromophenol
 Concen: 109.52 ng
 RT: 11.60 min Scan# 937
 Delta R.T. -0.00 min
 Lab File: BF078385.D
 Acq: 10 Apr 2015 5:54

Instrument :
 BNA_F
 ClientSampleId :
 SB10(2)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	78.6	117.8
141	39.4	31.2	46.8

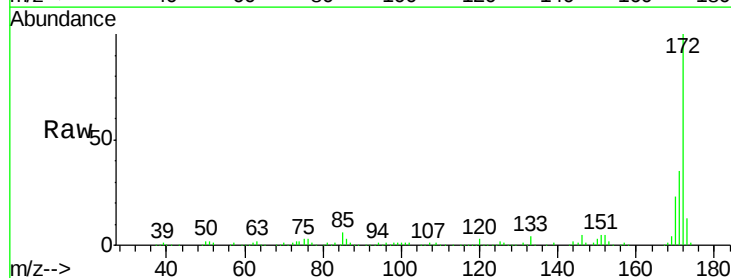


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

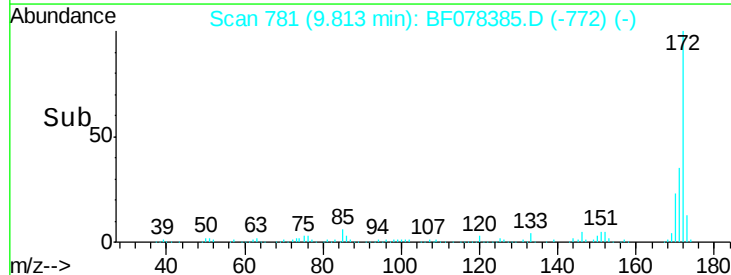
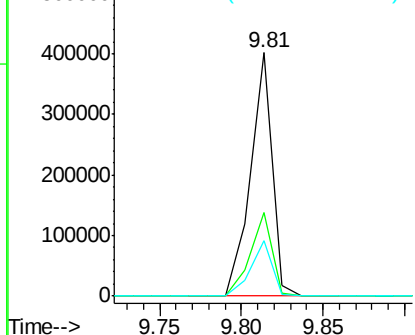


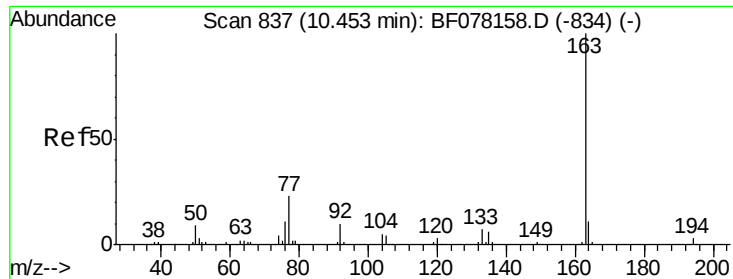
#44
 2-Fluorobiphenyl
 Concen: 74.69 ng
 RT: 9.81 min Scan# 781
 Delta R.T. -0.00 min
 Lab File: BF078385.D
 Acq: 10 Apr 2015 5:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.6	42.8
170	23.0	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

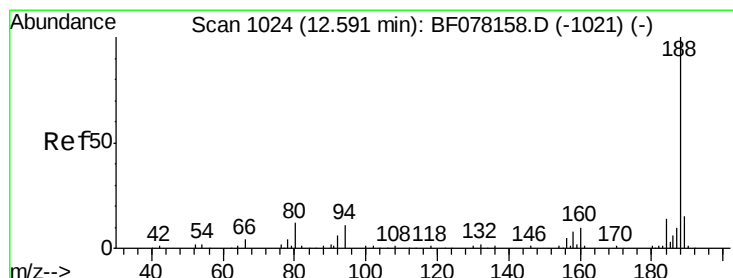
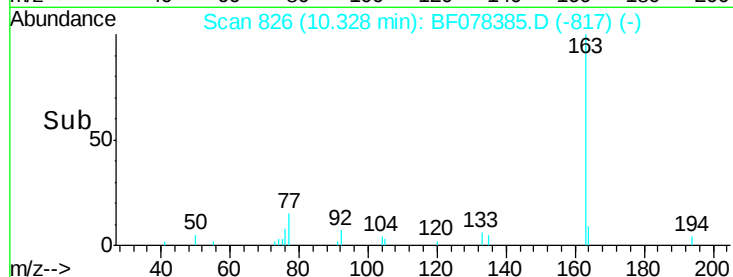
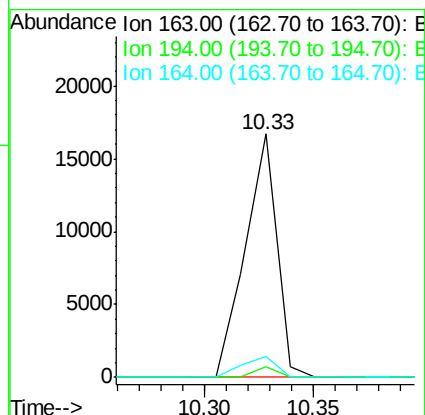
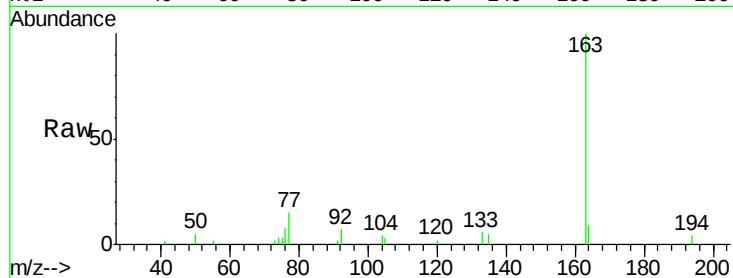




#49
 Dimethylphthalate
 Concen: 3.15 ng
 RT: 10.33 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BF078385.D
 Acq: 10 Apr 2015 5:54

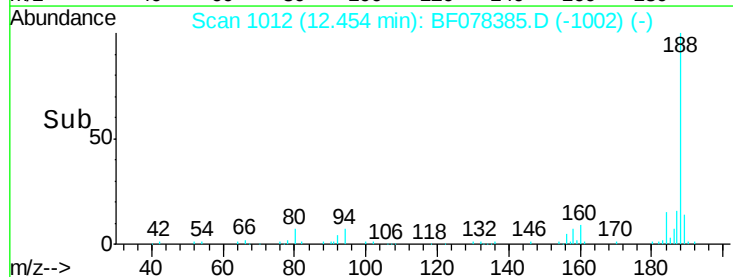
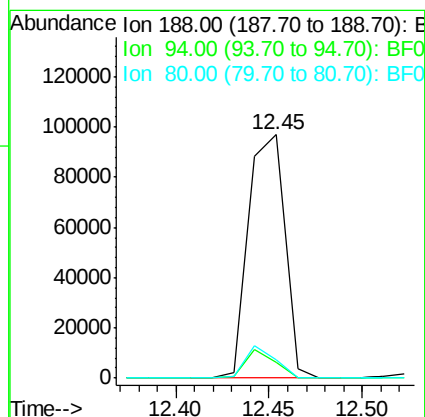
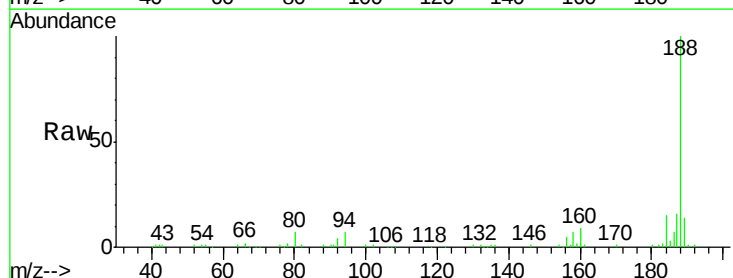
Instrument :
 BNA_F
 ClientSampleId :
 SB10(2)

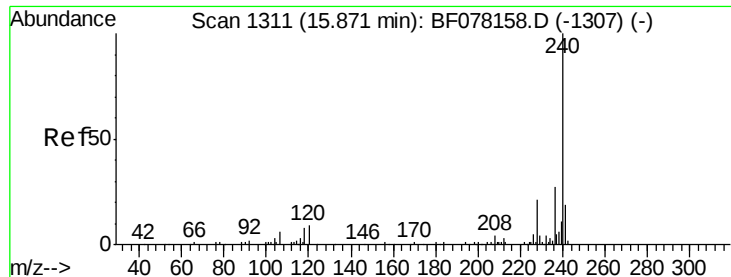
Tgt Ion:163 Resp: 16808
 Ion Ratio Lower Upper
 163 100
 194 4.1 2.3 3.5#
 164 8.5 8.6 13.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.45 min Scan# 1012
 Delta R.T. 0.01 min
 Lab File: BF078385.D
 Acq: 10 Apr 2015 5:54

Tgt Ion:188 Resp: 131431
 Ion Ratio Lower Upper
 188 100
 94 6.7 9.0 13.4#
 80 7.3 9.5 14.3#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.71 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BF078385.D

Acq: 10 Apr 2015 5:54

Instrument :

BNA_F

ClientSampleId :

SB10(2)

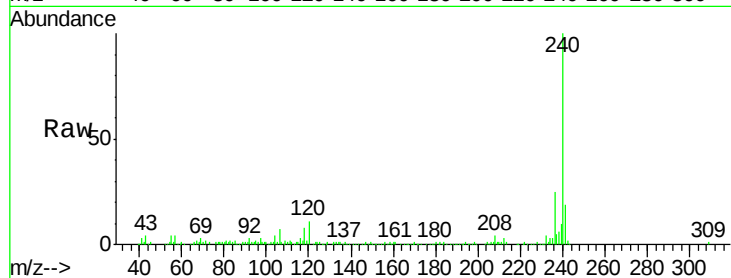
Tgt Ion:240 Resp: 143807

Ion Ratio Lower Upper

240 100

120 10.9 7.1 10.7#

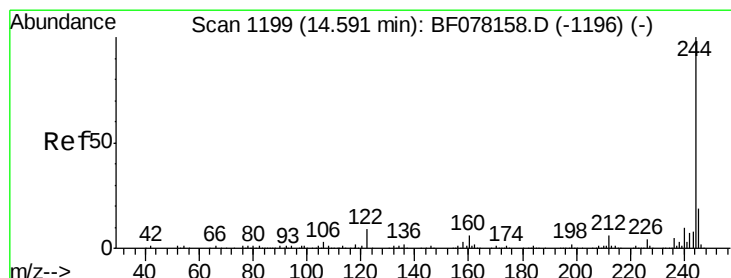
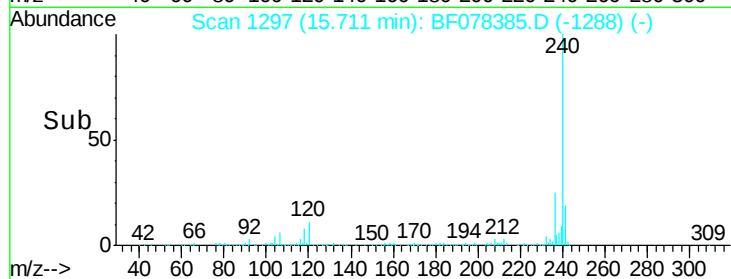
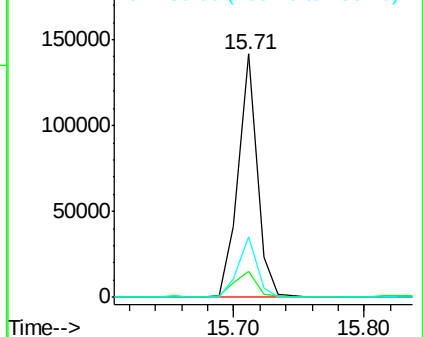
236 25.1 21.4 32.2



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: 62.41 ng

RT: 14.44 min Scan# 1186

Delta R.T. -0.00 min

Lab File: BF078385.D

Acq: 10 Apr 2015 5:54

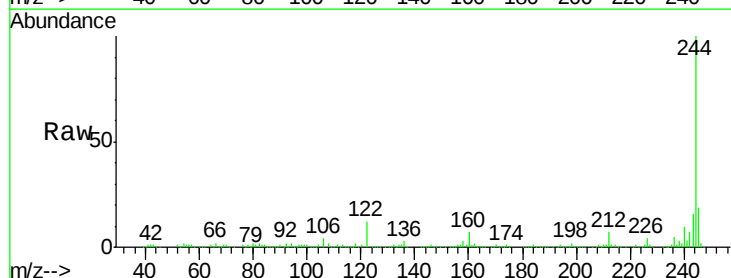
Tgt Ion:244 Resp: 397204

Ion Ratio Lower Upper

244 100

212 6.8 5.0 7.4

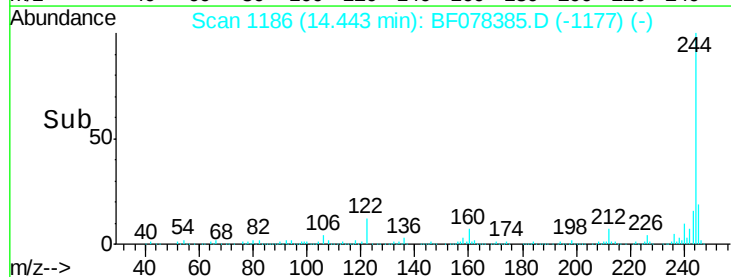
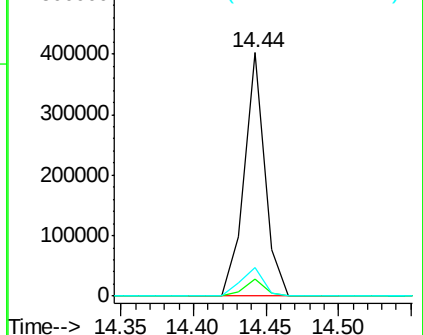
122 11.6 7.1 10.7#

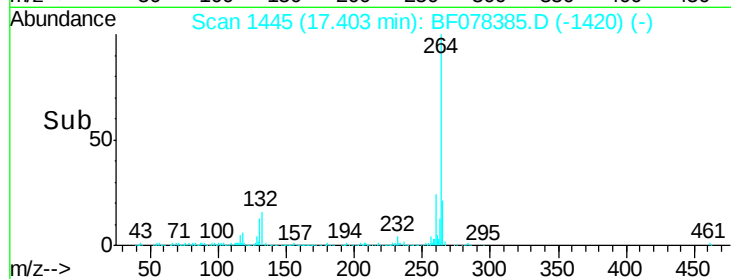
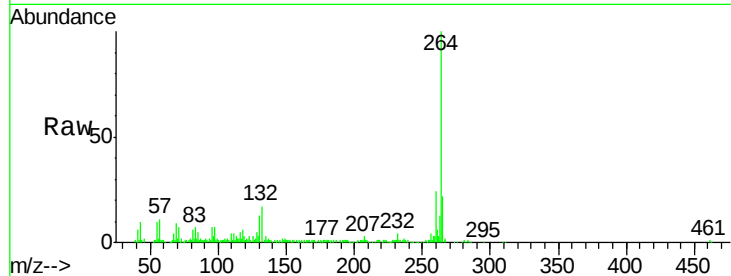
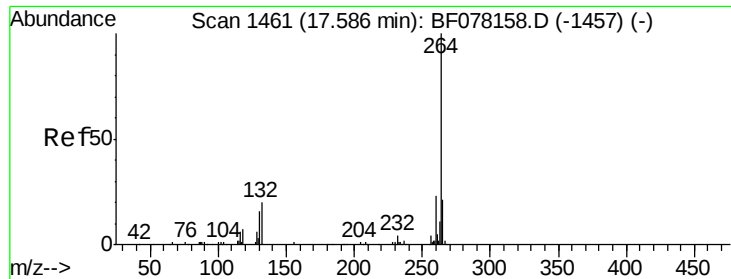


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Perylene-d12

Concen: 20.00 ng

RT: 17.40 min Scan# 1445

Delta R.T. -0.01 min

Lab File: BF078385.D

Acq: 10 Apr 2015 5:54

Instrument :

BNA_F

ClientSampleId :

SB10(2)

Tgt Ion: 264 Resp: 138230

Ion Ratio Lower Upper

264 100

260 23.6 18.6 27.8

265 21.7 17.0 25.6

