

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040915\
 Data File : BF078363.D
 Acq On : 9 Apr 2015 17:26
 Operator : TP/IZ
 Sample : G1782-11
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB01

Quant Time: Apr 10 01:15:44 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 00:58:40 2015
 Response via : Initial Calibration

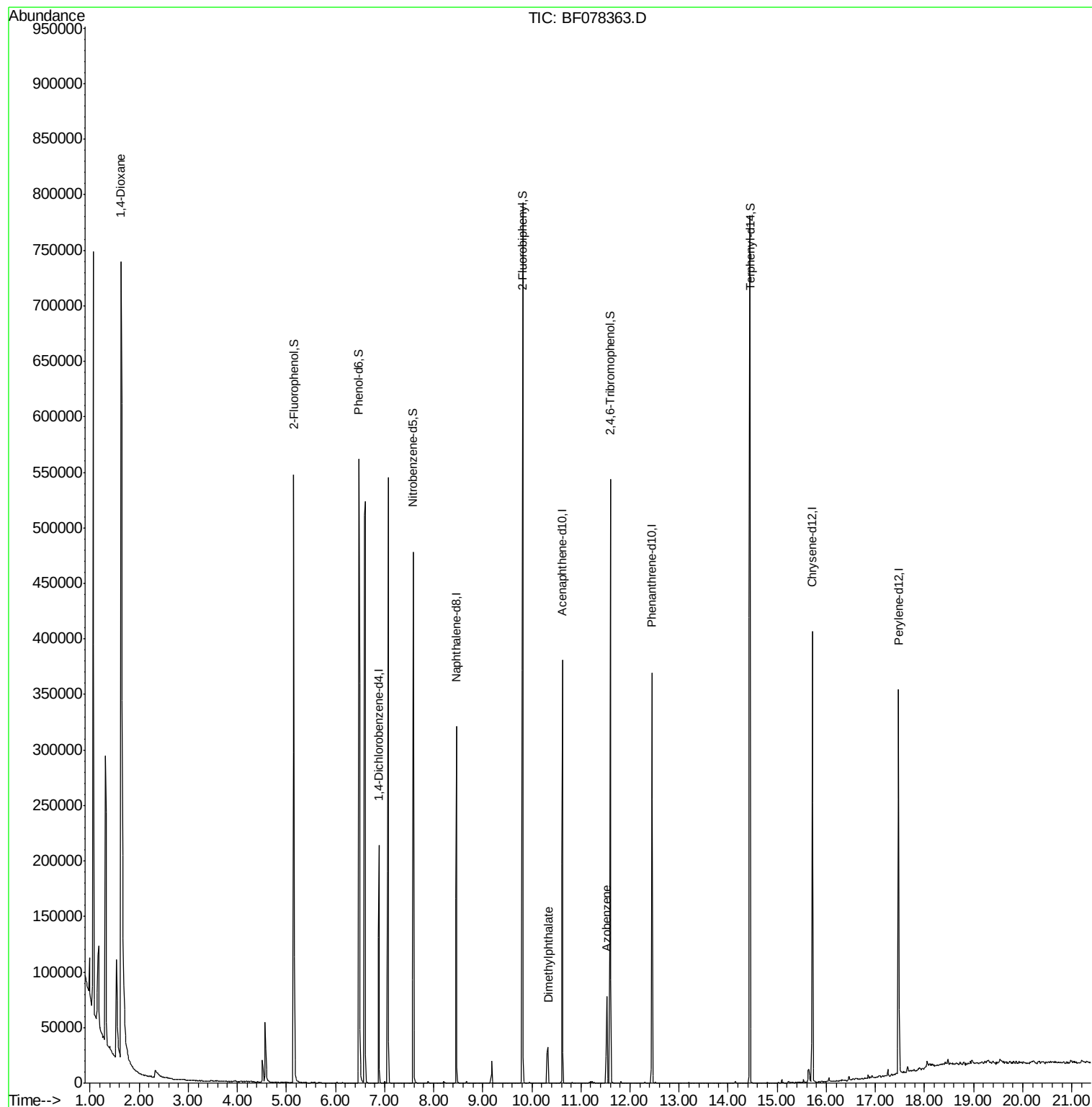
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	43764	20.00	ng	0.00
21) Naphthalene-d8	8.46	136	179097	20.00	ng	0.00
38) Acenaphthene-d10	10.62	164	93960	20.00	ng	0.00
63) Phenanthrene-d10	12.44	188	183653	20.00	ng	-0.01
75) Chrysene-d12	15.71	240	189005	20.00	ng	-0.01
86) Perylene-d12	17.47	264	178588	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	209449	78.91	ng	0.00
7) Phenol-d6	6.48	99	259426	77.99	ng	-0.01
23) Nitrobenzene-d5	7.58	82	151143	51.15	ng	0.00
41) 2,4,6-Tribromophenol	11.60	330	63479	81.46	ng	-0.01
44) 2-Fluorobiphenyl	9.81	172	296432	45.10	ng	0.00
78) Terphenyl-d14	14.44	244	315640	37.74	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.63	88	36499	30.41	ng	# 23
49) Dimethylphthalate	10.33	163	21482	3.04	ng	# 99
62) Azobenzene	11.53	77	15685	2.53	ng	# 1

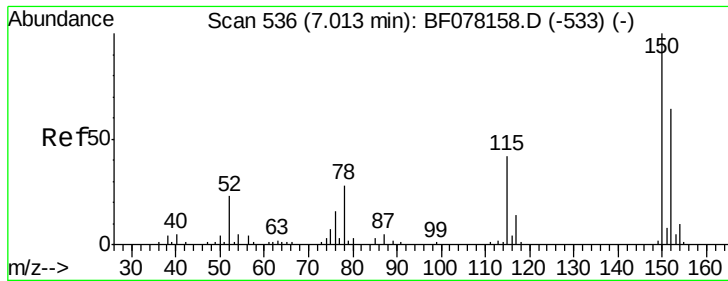
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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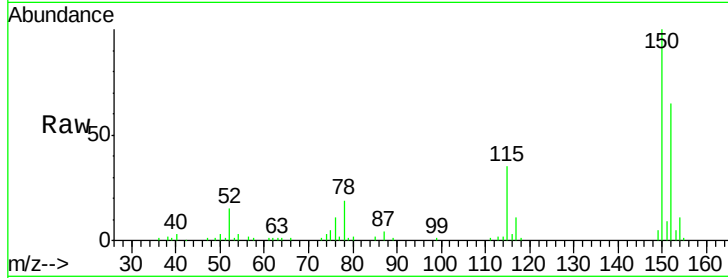


#1

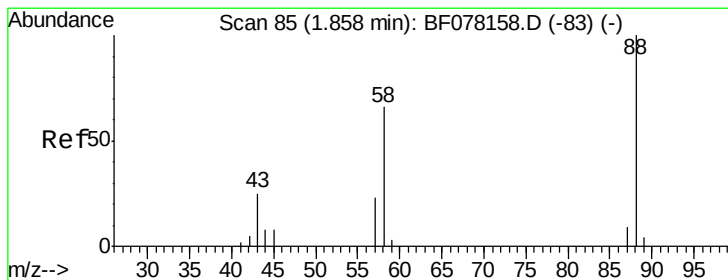
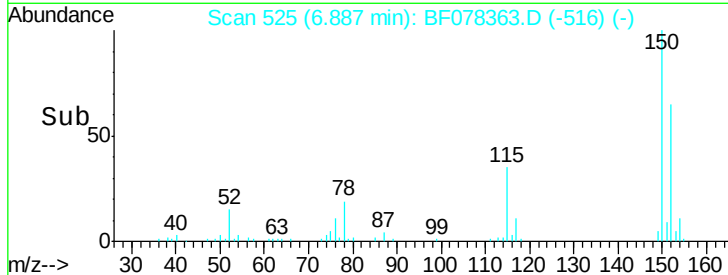
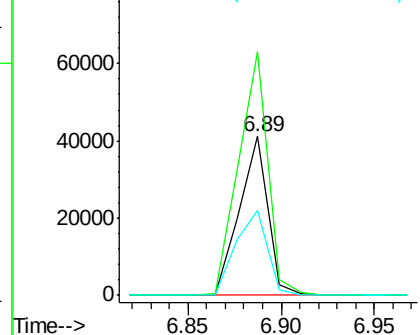
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF078363.D
Acq: 9 Apr 2015 17:26

Instrument :
BNA_F
ClientSampleId :
SB01

Tgt Ion:152 Resp: 43764
Ion Ratio Lower Upper
152 100
150 153.2 125.9 188.9
115 53.5 52.7 79.1



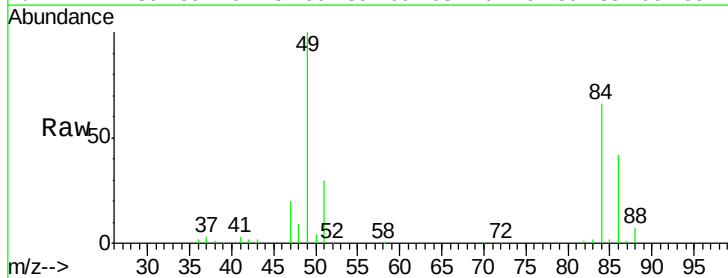
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



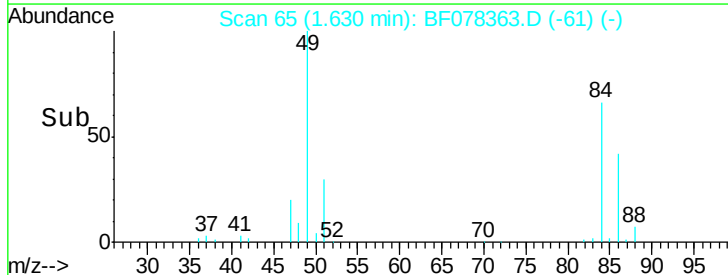
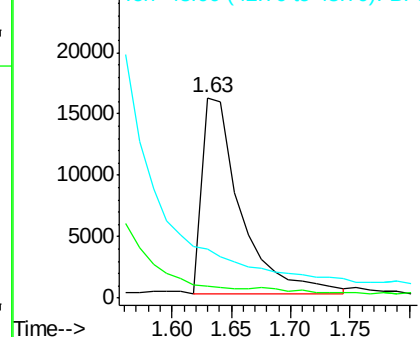
#2

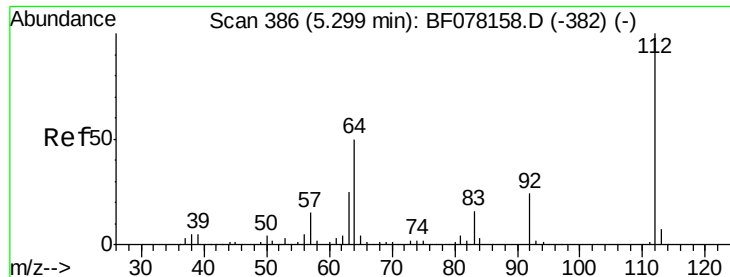
1,4-Dioxane
Concen: 30.41 ng
RT: 1.63 min Scan# 65
Delta R.T. -0.06 min
Lab File: BF078363.D
Acq: 9 Apr 2015 17:26

Tgt Ion: 88 Resp: 36499
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: 78.91 ng

RT: 5.15 min Scan# 373

Delta R.T. 0.00 min

Lab File: BF078363.D

Acq: 9 Apr 2015 17:26

Instrument :

BNA_F

ClientSampleId :

SB01

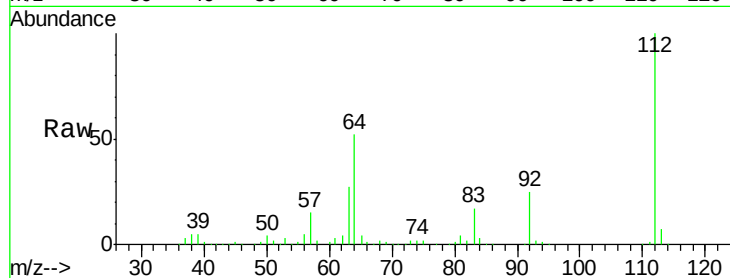
Tgt Ion: 112 Resp: 209449

Ion Ratio Lower Upper

112 100

64 52.0 39.9 59.9

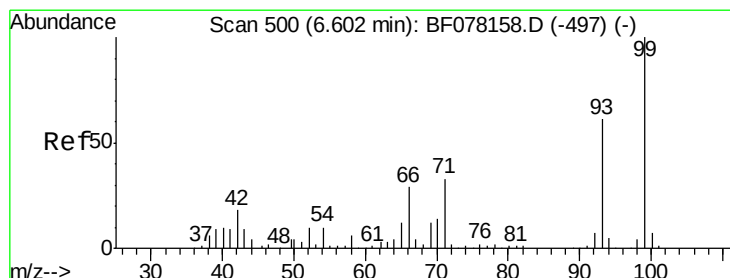
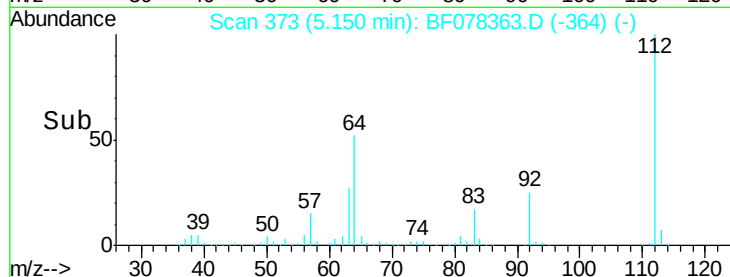
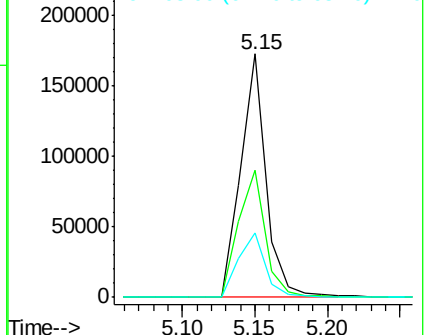
63 26.6 20.2 30.4



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: 77.99 ng

RT: 6.48 min Scan# 489

Delta R.T. -0.01 min

Lab File: BF078363.D

Acq: 9 Apr 2015 17:26

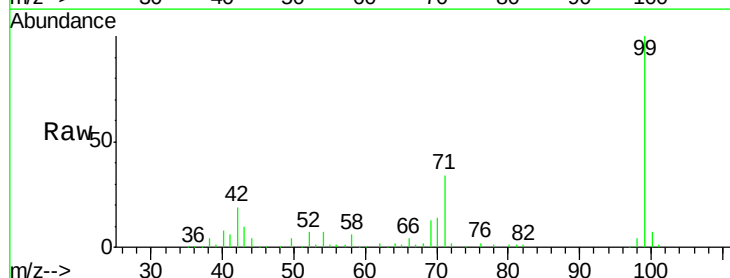
Tgt Ion: 99 Resp: 259426

Ion Ratio Lower Upper

99 100

42 19.4 14.8 22.2

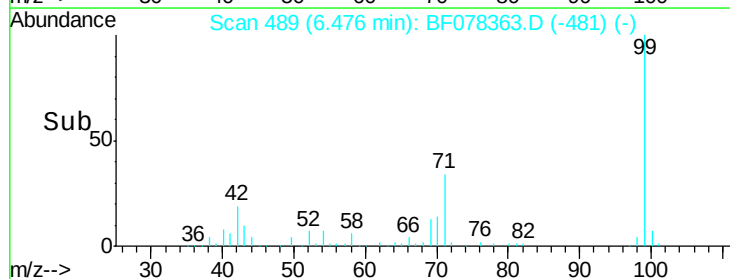
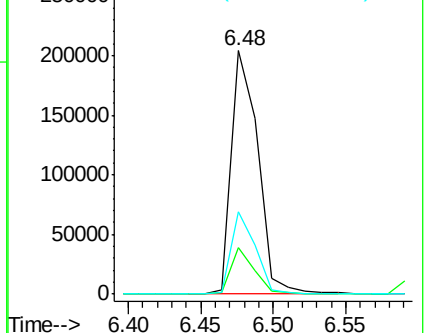
71 33.8 26.6 39.8

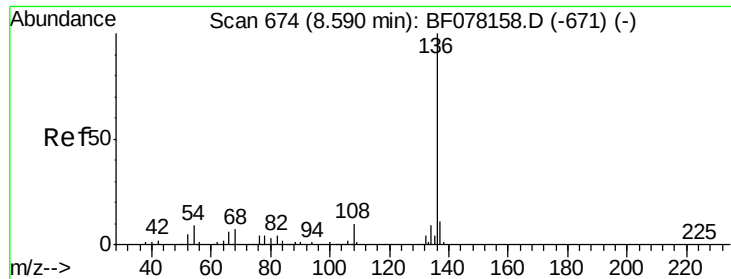


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

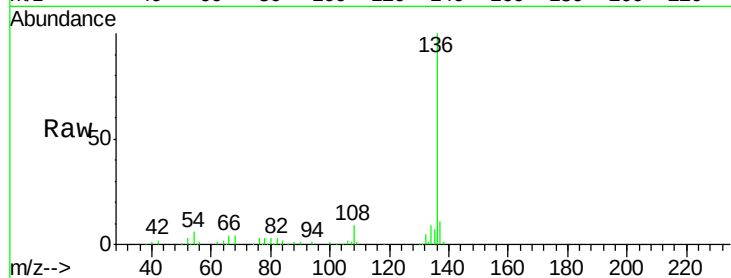




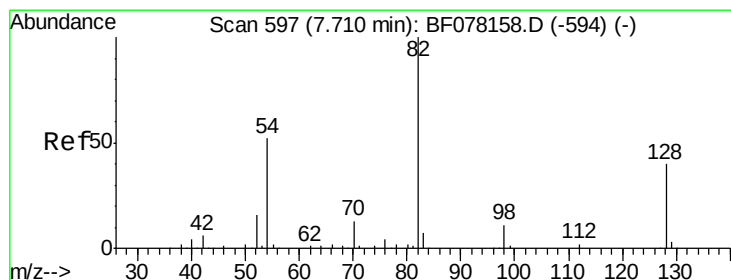
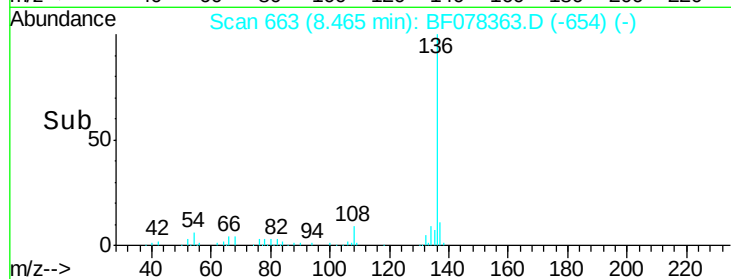
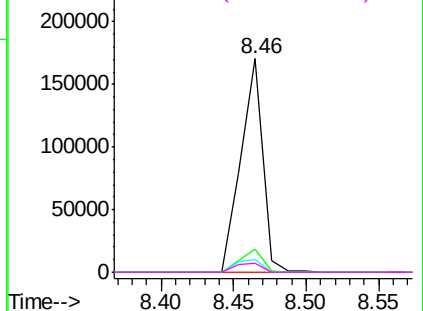
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.46 min Scan# 663
Delta R.T. 0.00 min
Lab File: BF078363.D
Acq: 9 Apr 2015 17:26

Instrument :
BNA_F
ClientSampleId :
SB01

Tgt Ion:	136	Resp:	179097
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.4
54	6.0	7.0	10.6#
68	4.4	5.4	8.2#

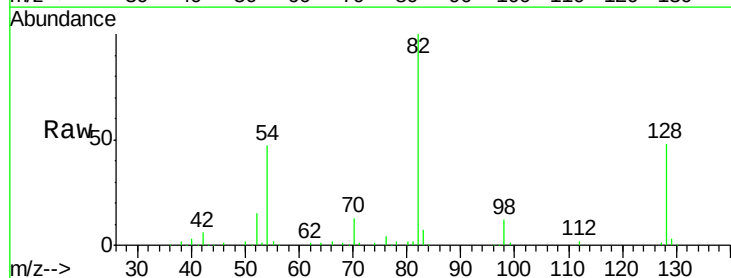


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

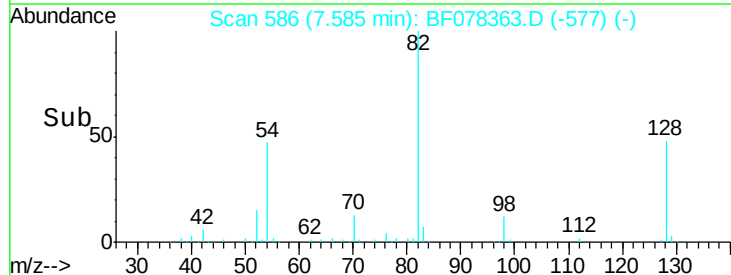
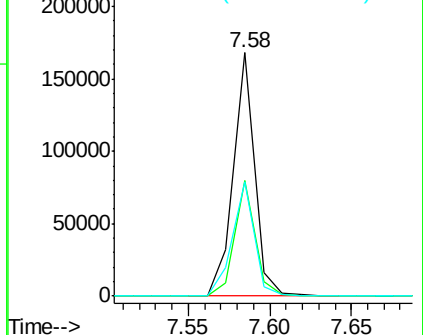


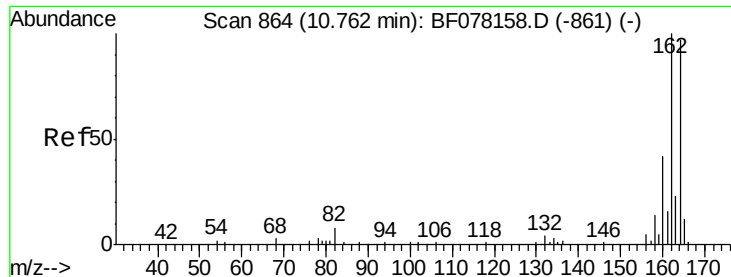
#23
Nitrobenzene-d5
Concen: 51.15 ng
RT: 7.58 min Scan# 586
Delta R.T. 0.00 min
Lab File: BF078363.D
Acq: 9 Apr 2015 17:26

Tgt Ion:	82	Resp:	151143
Ion	Ratio	Lower	Upper
82	100		
128	47.7	31.8	47.8
54	47.0	41.5	62.3



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

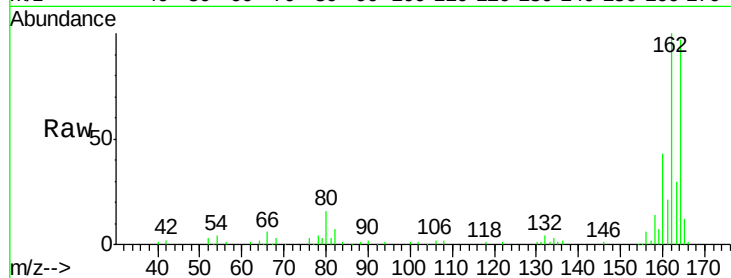




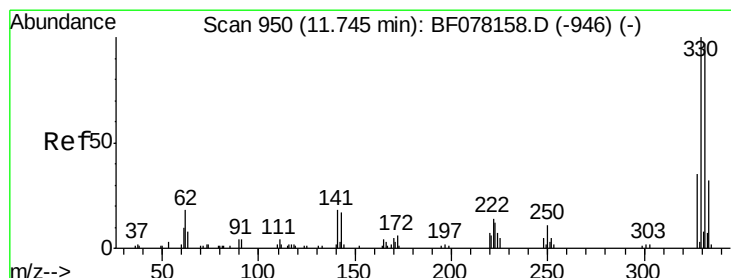
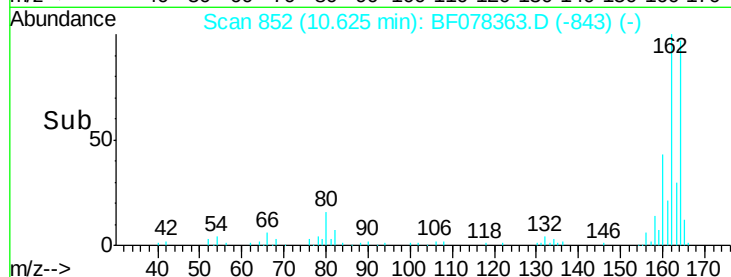
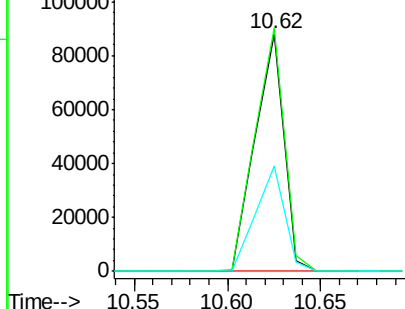
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.62 min Scan# 852
 Delta R.T. 0.00 min
 Lab File: BF078363.D
 Acq: 9 Apr 2015 17:26

Instrument :
 BNA_F
 ClientSampleId :
 SB01

Tgt Ion:164 Resp: 93960
 Ion Ratio Lower Upper
 164 100
 162 102.6 82.2 123.2
 160 44.5 34.7 52.1

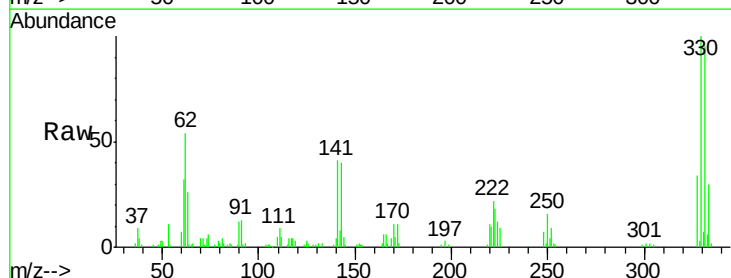


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

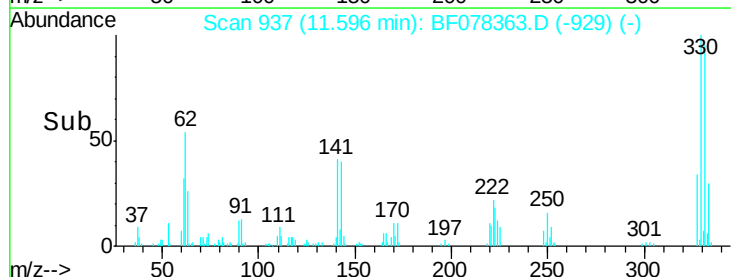
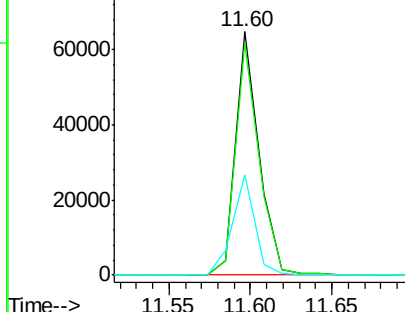


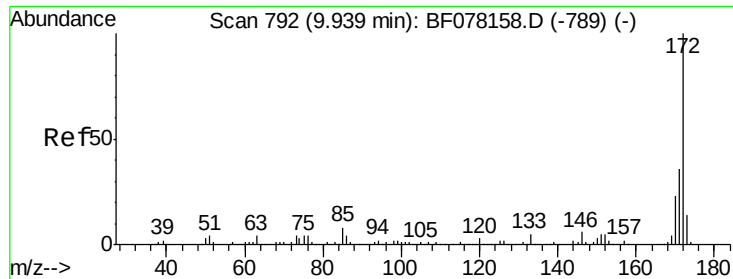
#41
 2,4,6-Tribromophenol
 Concen: 81.46 ng
 RT: 11.60 min Scan# 937
 Delta R.T. -0.01 min
 Lab File: BF078363.D
 Acq: 9 Apr 2015 17:26

Tgt Ion:330 Resp: 63479
 Ion Ratio Lower Upper
 330 100
 332 95.8 78.6 117.8
 141 39.3 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

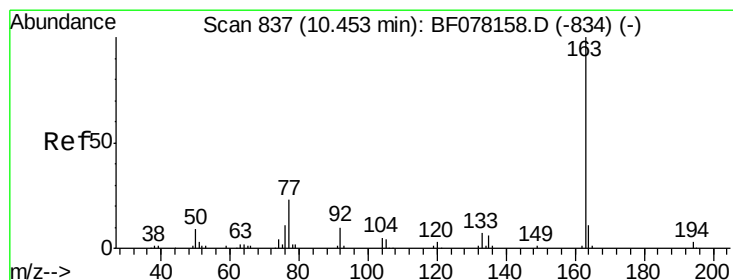
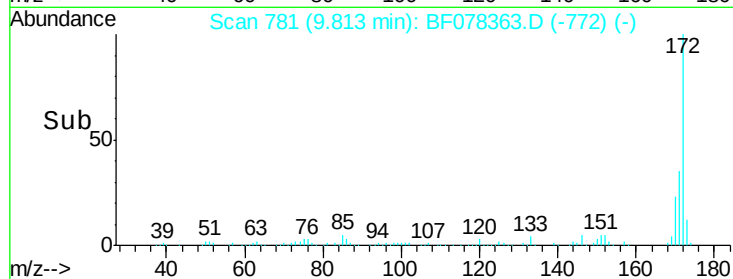
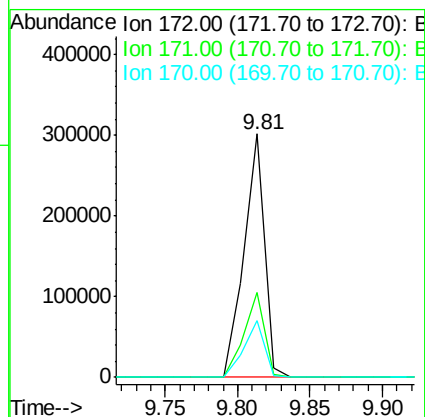
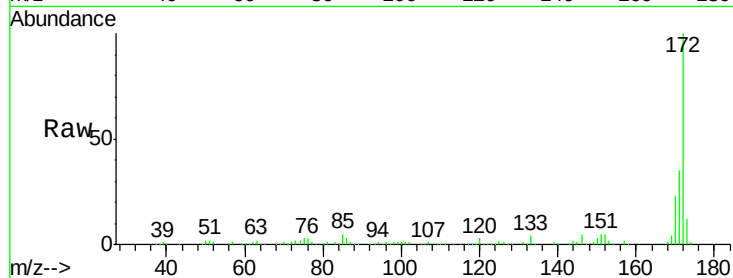




#44
 2-Fluorobiphenyl
 Concen: 45.10 ng
 RT: 9.81 min Scan# 781
 Delta R.T. 0.00 min
 Lab File: BF078363.D
 Acq: 9 Apr 2015 17:26

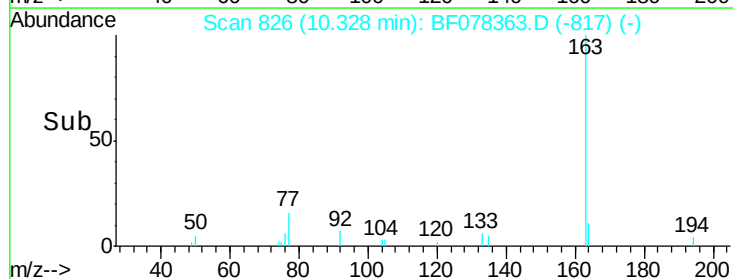
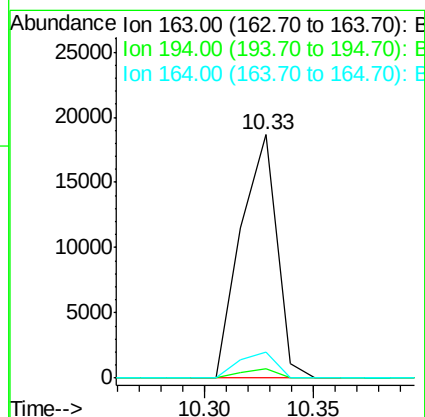
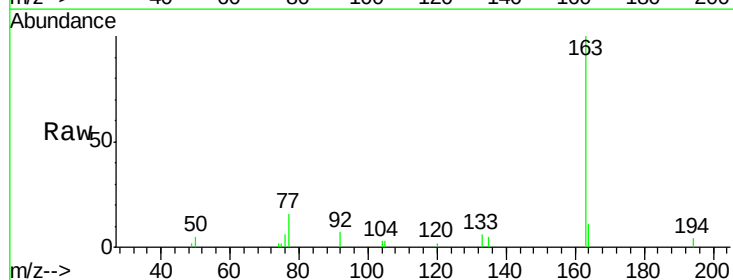
Instrument :
 BNA_F
 ClientSampleId :
 SB01

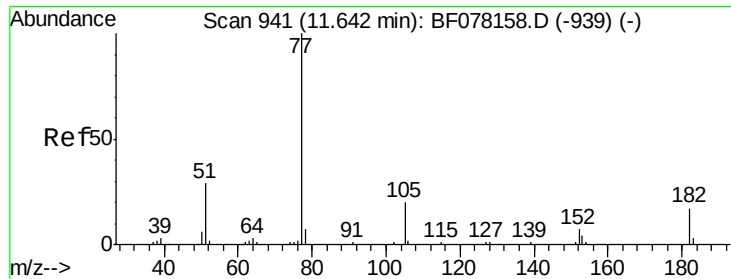
Tgt Ion:172 Resp: 296432
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.6 42.8
 170 23.3 18.5 27.7



#49
 Dimethylphthalate
 Concen: 3.04 ng
 RT: 10.33 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF078363.D
 Acq: 9 Apr 2015 17:26

Tgt Ion:163 Resp: 21482
 Ion Ratio Lower Upper
 163 100
 194 4.0 2.3 3.5#
 164 10.5 8.6 13.0

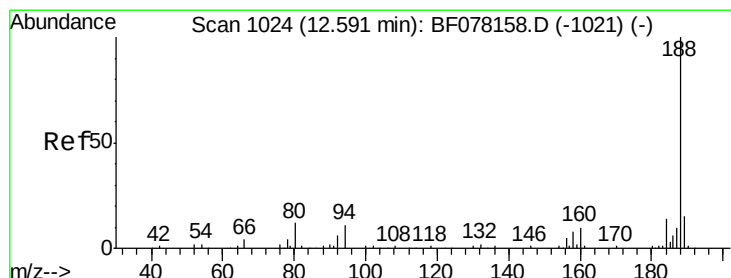
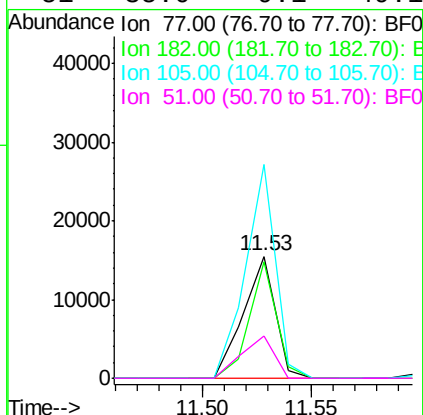
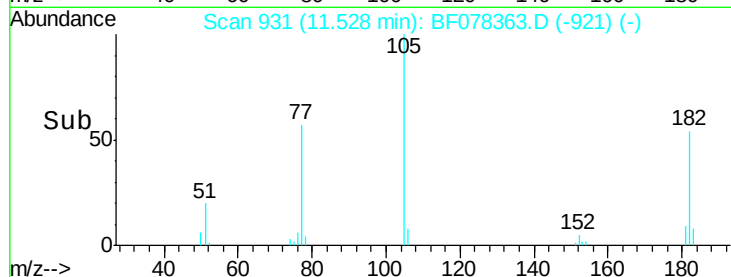
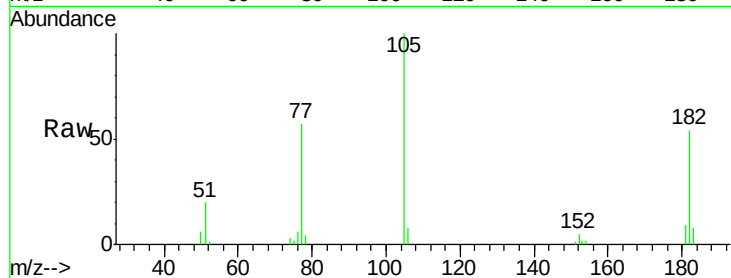




#62
Azobenzene
Concen: 2.53 ng
RT: 11.53 min Scan# 931
Delta R.T. 0.01 min
Lab File: BF078363.D
Acq: 9 Apr 2015 17:26

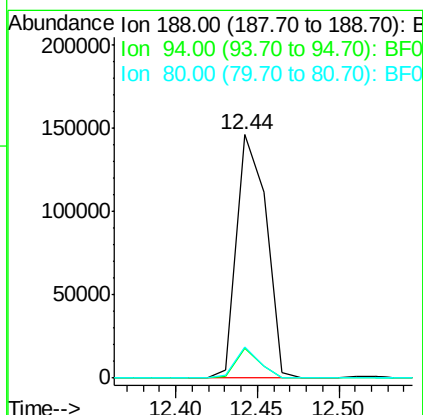
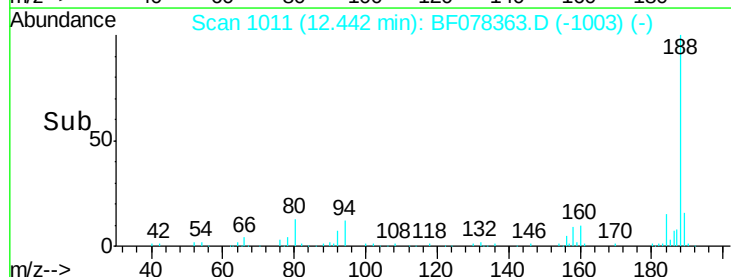
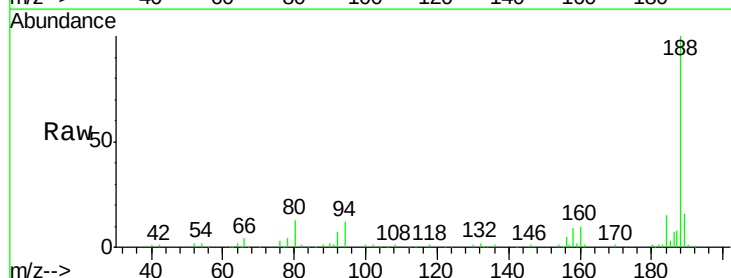
Instrument :
BNA_F
ClientSampled :
SB01

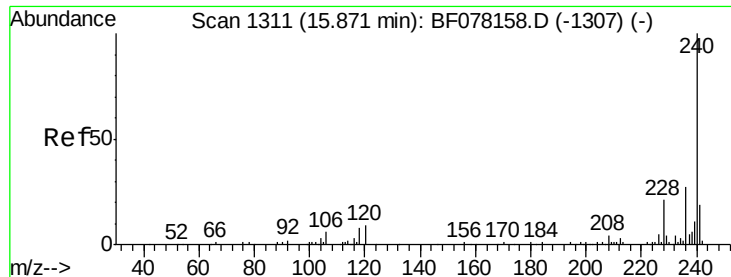
Tgt Ion: 77 Resp: 15685
Ion Ratio Lower Upper
77 100
182 95.1 0.0 36.8#
105 175.0 0.3 40.3#
51 35.0 9.1 49.1



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.44 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF078363.D
Acq: 9 Apr 2015 17:26

Tgt Ion: 188 Resp: 183653
Ion Ratio Lower Upper
188 100
94 12.3 9.0 13.4
80 12.9 9.5 14.3

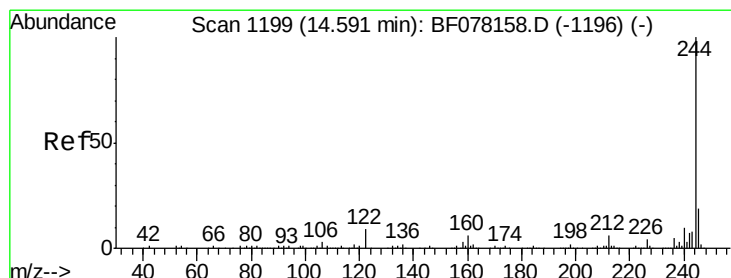
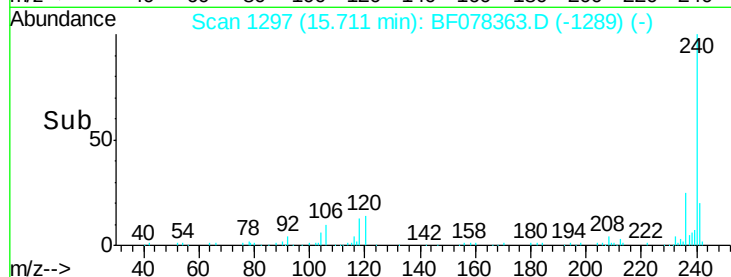
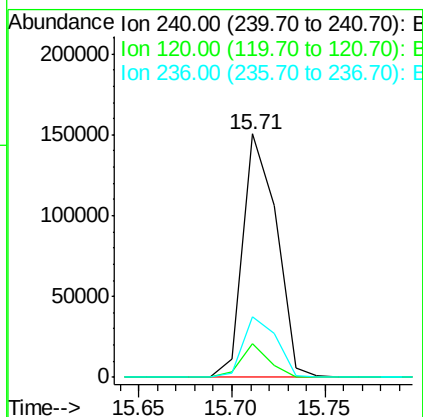
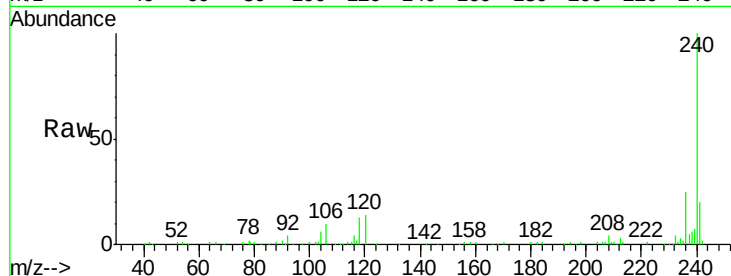




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.71 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BF078363.D
 Acq: 9 Apr 2015 17:26

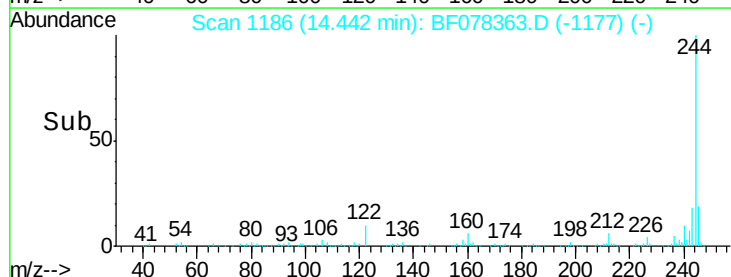
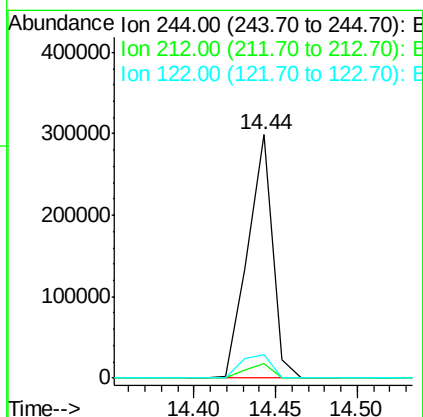
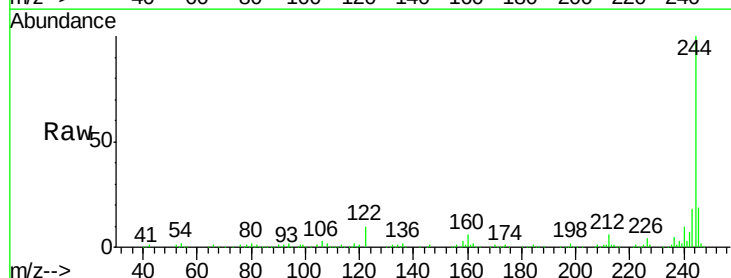
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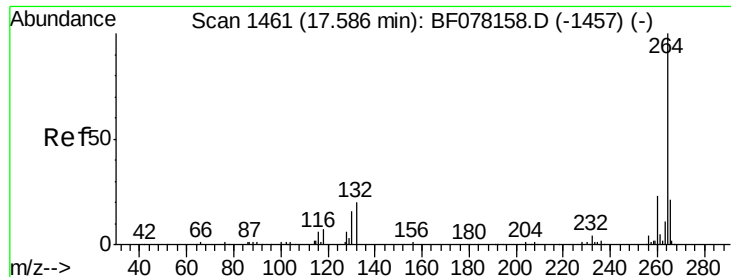
Tgt Ion: 240 Resp: 189005
 Ion Ratio Lower Upper
 240 100
 120 14.0 7.1 10.7#
 236 24.9 21.4 32.2



#78
 Terphenyl-d14
 Concen: 37.74 ng
 RT: 14.44 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF078363.D
 Acq: 9 Apr 2015 17:26

Tgt Ion: 244 Resp: 315640
 Ion Ratio Lower Upper
 244 100
 212 5.9 5.0 7.4
 122 9.6 7.1 10.7

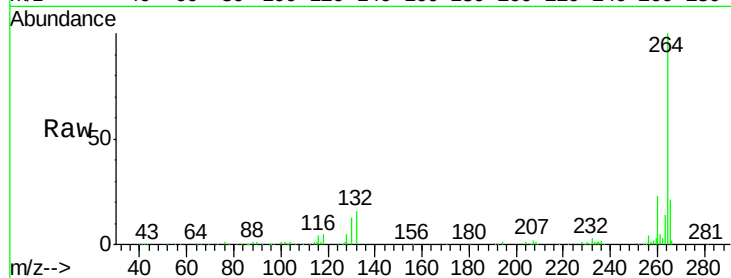




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.47 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF078363.D
Acq: 9 Apr 2015 17:26

Instrument :
BNA_F
ClientSampleId :
SB01

Tgt Ion: 264 Resp: 178588
Ion Ratio Lower Upper
264 100
260 23.4 18.6 27.8
265 21.4 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

