

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022015\
 Data File : BF077385.D
 Acq On : 20 Feb 2015 16:49
 Operator : TP/IZ
 Sample : G1325-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-GW-01

Quant Time: Feb 21 00:09:14 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 20 23:55:25 2015
 Response via : Initial Calibration

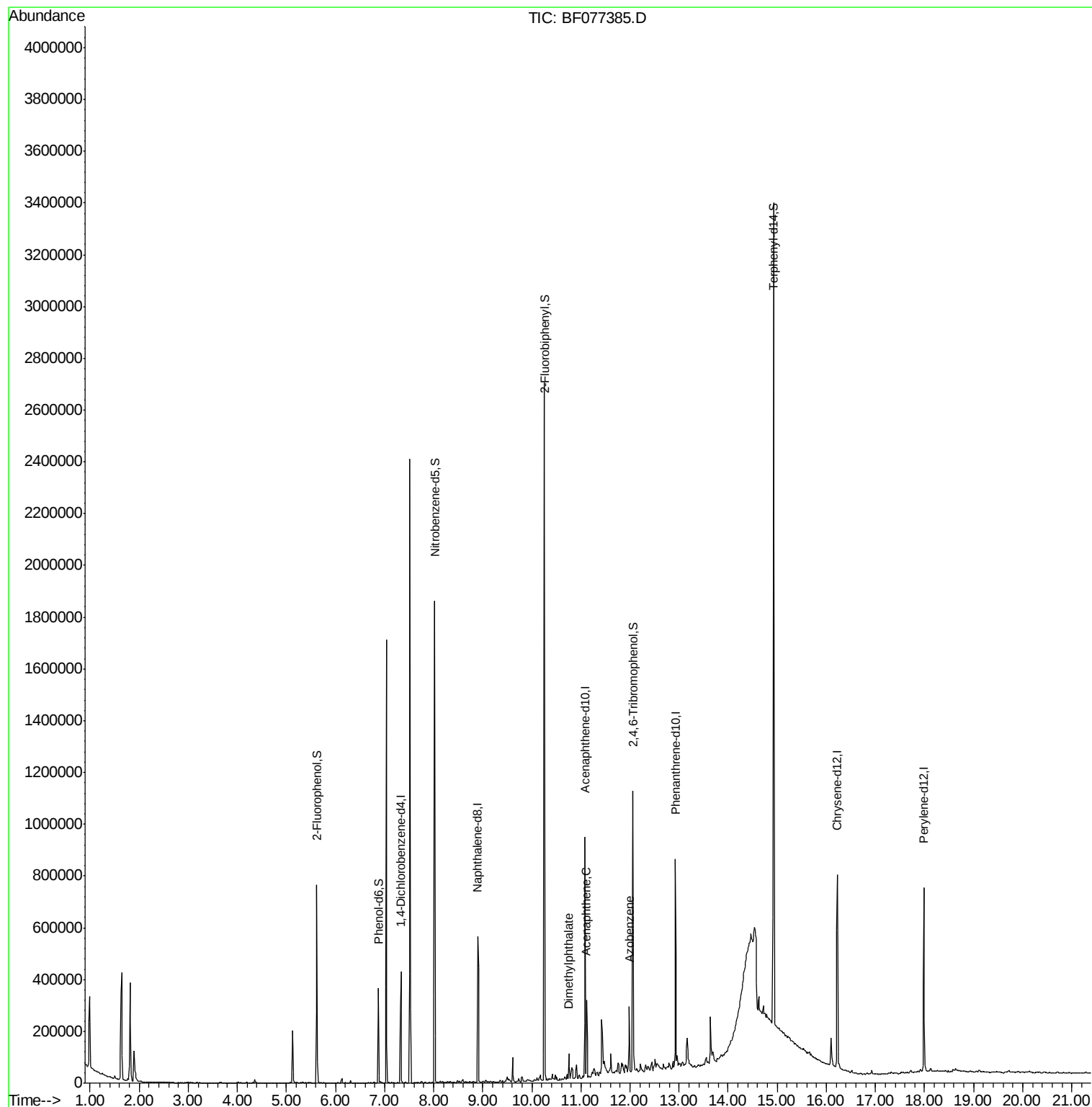
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	85779	20.00	ng	0.00
21) Naphthalene-d8	8.90	136	347968	20.00	ng	-0.01
38) Acenaphthene-d10	11.08	164	186620	20.00	ng	0.00
63) Phenanthrene-d10	12.92	188	354574	20.00	ng	-0.01
75) Chrysene-d12	16.23	240	352360	20.00	ng	0.00
86) Perylene-d12	17.99	264	335797	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	228205	44.41	ng	0.00
7) Phenol-d6	6.88	99	175000	26.49	ng	0.00
23) Nitrobenzene-d5	8.02	82	549804	98.25	ng	0.00
41) 2,4,6-Tribromophenol	12.07	330	191075	106.34	ng	0.00
44) 2-Fluorobiphenyl	10.26	172	1274451	106.48	ng	0.00
78) Terphenyl-d14	14.92	244	1375038	91.23	ng	-0.01
Target Compounds						
49) Dimethylphthalate	10.75	163	44029	3.36	ng	Qvalue 99
51) Acenaphthene	11.12	154	73981	7.06	ng	97
62) Azobenzene	11.99	77	48519	3.95	ng	# 1

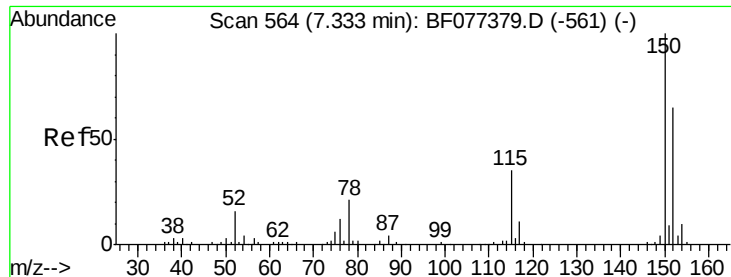
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.33 min Scan# 564

Delta R.T. -0.00 min

Lab File: BF077385.D

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BNA_F

ClientSampleId :

WC-GW-01

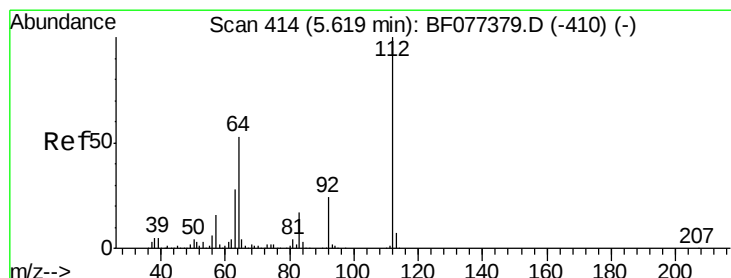
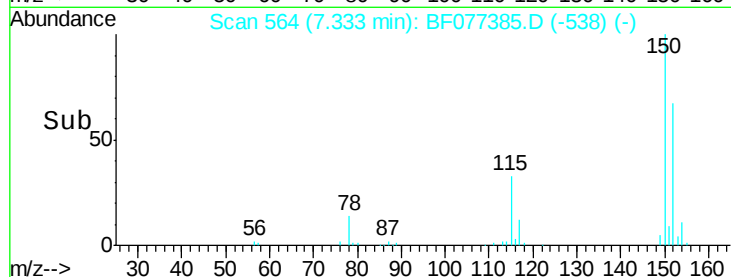
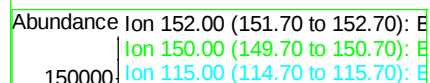
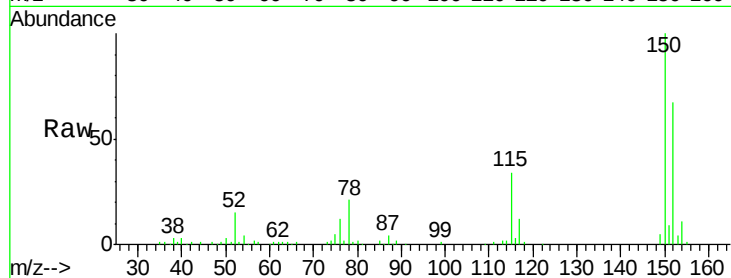
Tgt Ion:152 Resp: 85779

Ion Ratio Lower Upper

152 100

150 149.4 124.0 186.0

115 50.4 49.4 74.2



#5

2-Fluorophenol

Concen: 44.41 ng

RT: 5.62 min Scan# 414

Delta R.T. -0.00 min

Lab File: BF077385.D

Acq: 20 Feb 2015 16:49

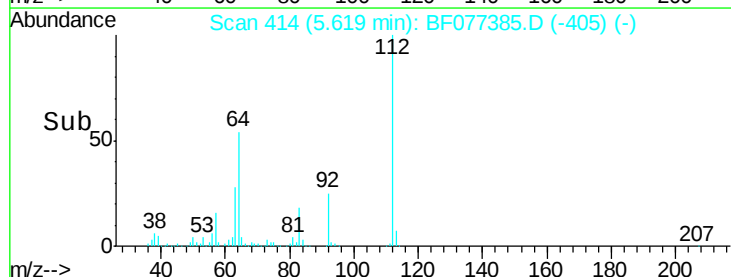
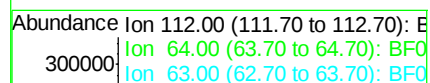
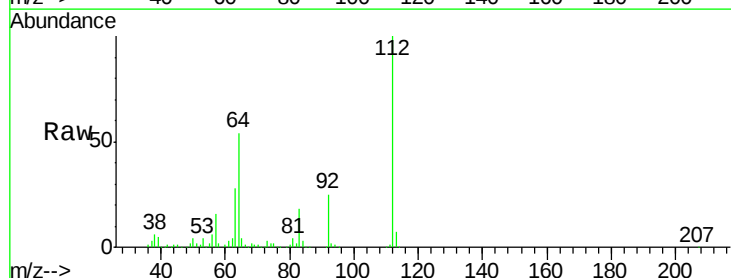
Tgt Ion:112 Resp: 228205

Ion Ratio Lower Upper

112 100

64 53.9 48.5 72.7

63 27.8 25.0 37.4





#7

Phenol-d6

Concen: 26.49 ng

RT: 6.88 min Scan# 524

Delta R.T. -0.00 min

Lab File: BF077385.D

Acq: 20 Feb 2015 16:49

Instrument :

BNA_F

ClientSampleId :

WC-GW-01

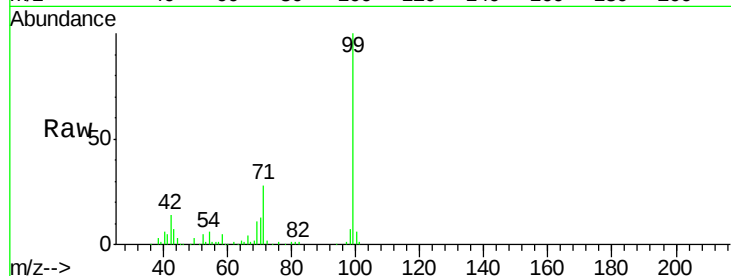
Tgt Ion: 99 Resp: 175000

Ion Ratio Lower Upper

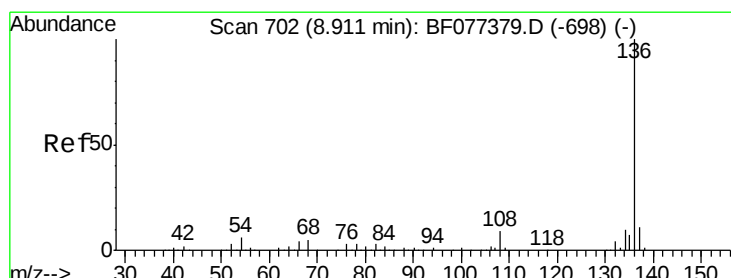
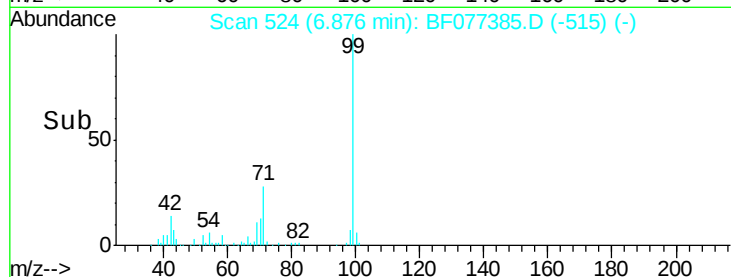
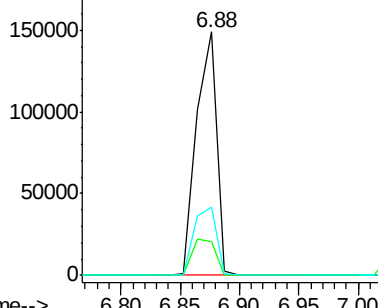
99 100

42 13.8 16.2 24.4#

71 28.1 26.7 40.1



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: 8.90 min Scan# 701

Delta R.T. -0.01 min

Lab File: BF077385.D

Acq: 20 Feb 2015 16:49

Tgt Ion: 136 Resp: 347968

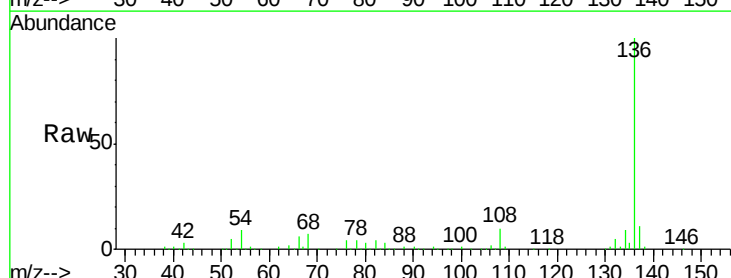
Ion Ratio Lower Upper

136 100

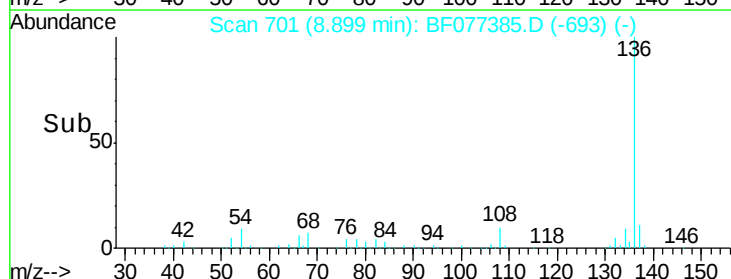
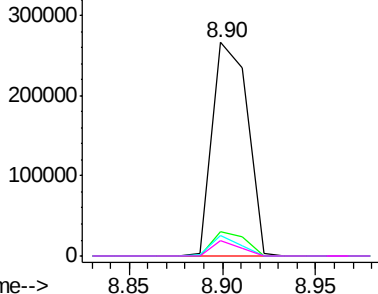
137 11.2 8.6 13.0

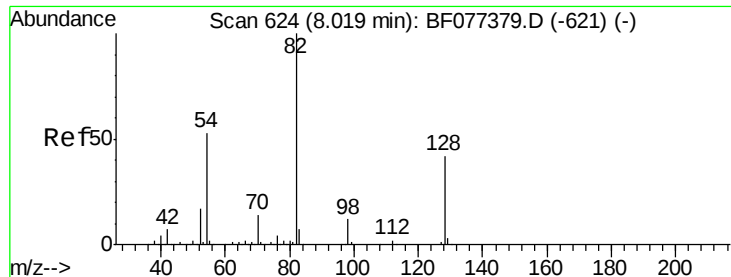
54 9.5 6.2 9.4#

68 7.5 5.0 7.6



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

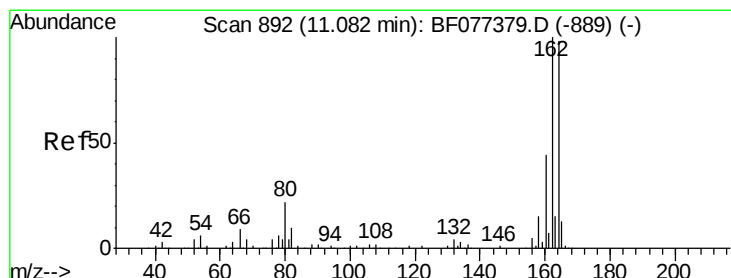
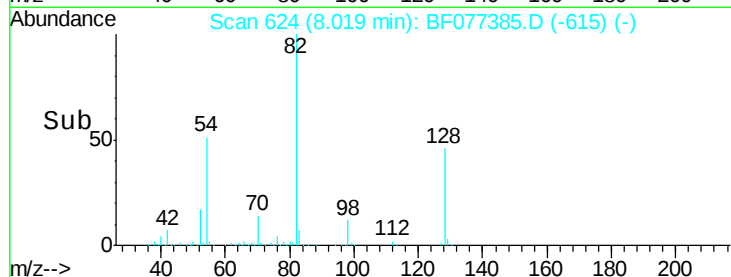
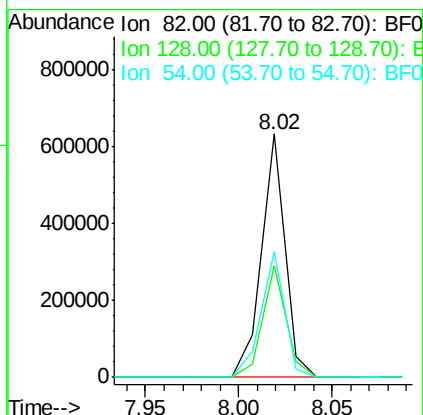
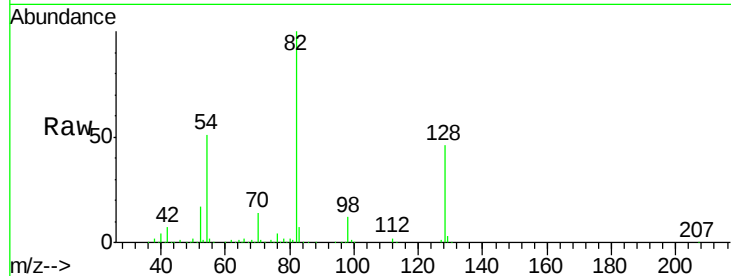




#23
 Nitrobenzene-d5
 Concen: 98.25 ng
 RT: 8.02 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF077385.D
 Acq: 20 Feb 2015 16:49

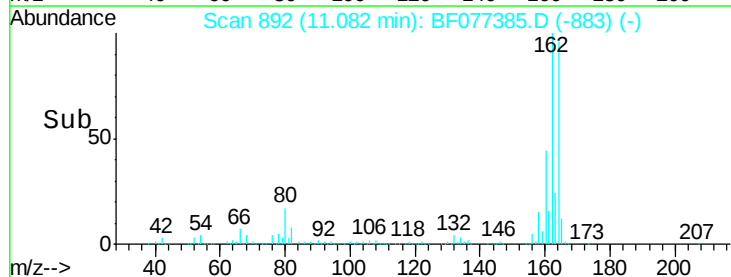
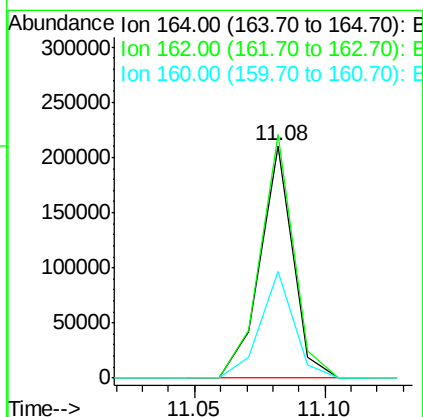
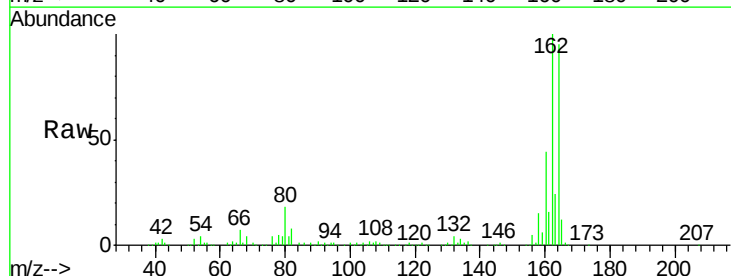
Instrument :
 BNA_F
 ClientSampleId :
 WC-GW-01

Tgt Ion: 82 Resp: 549804
 Ion Ratio Lower Upper
 82 100
 128 45.7 43.8 65.8
 54 51.5 36.7 55.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.08 min Scan# 892
 Delta R.T. -0.00 min
 Lab File: BF077385.D
 Acq: 20 Feb 2015 16:49

Tgt Ion: 164 Resp: 186620
 Ion Ratio Lower Upper
 164 100
 162 104.8 83.2 124.8
 160 45.7 34.6 52.0

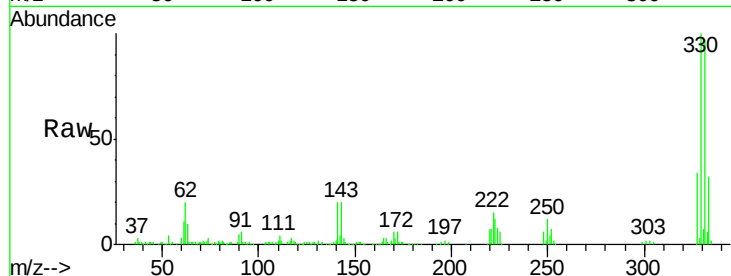




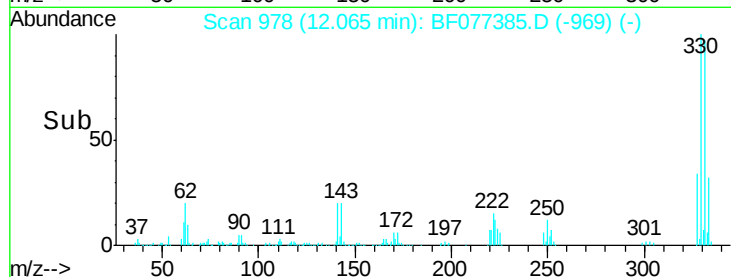
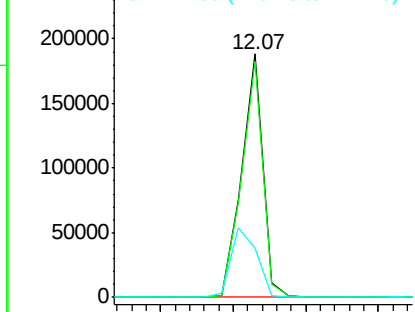
#41
 2,4,6-Tribromophenol
 Concen: 106.34 ng
 RT: 12.07 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: BF077385.D
 Acq: 20 Feb 2015 16:49

Instrument :
 BNA_F
 ClientSampleId :
 WC-GW-01

Tgt Ion:330 Resp: 191075
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.4 116.2
 141 35.8 28.8 43.2

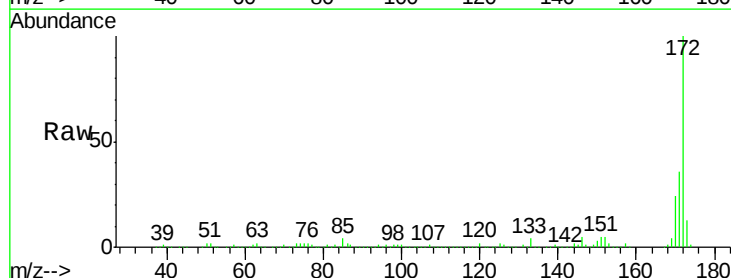


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

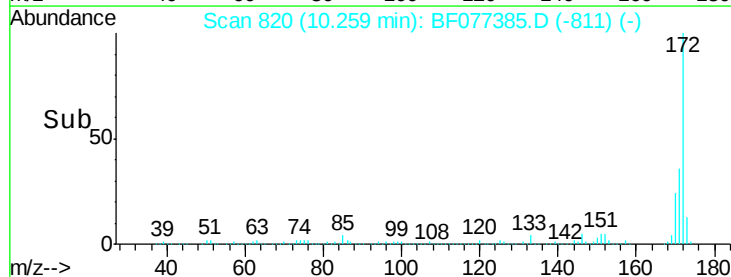
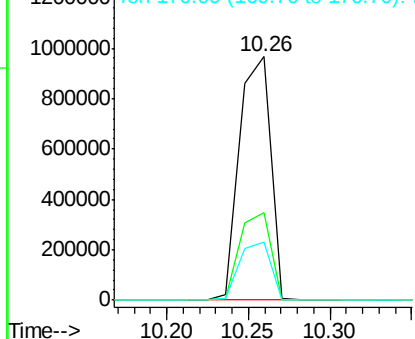


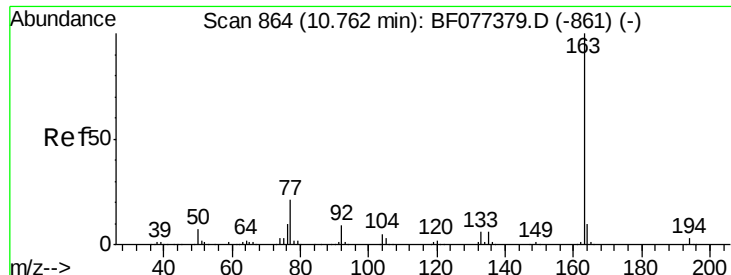
#44
 2-Fluorobiphenyl
 Concen: 106.48 ng
 RT: 10.26 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BF077385.D
 Acq: 20 Feb 2015 16:49

Tgt Ion:172 Resp: 1274451
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.9 43.3
 170 23.6 19.4 29.2



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

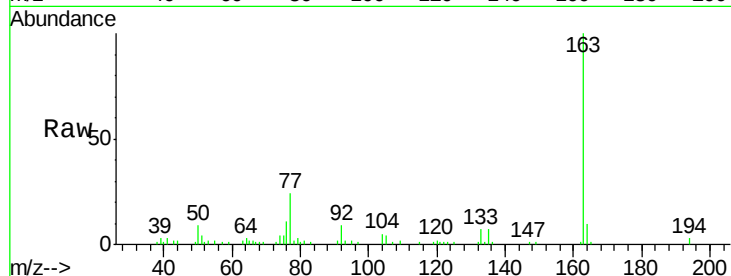




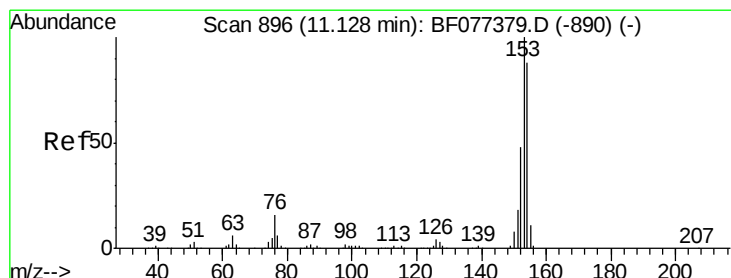
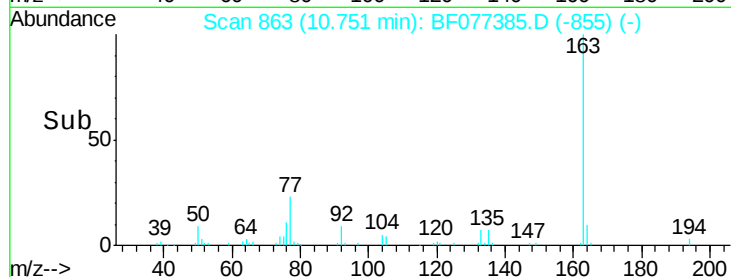
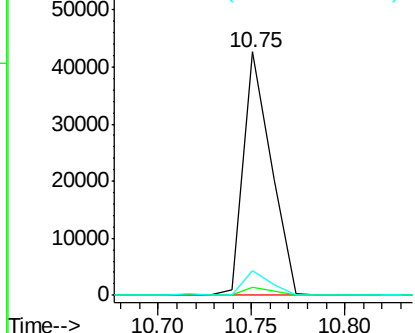
#49
Dimethylphthalate
Concen: 3.36 ng
RT: 10.75 min Scan# 863
Delta R.T. -0.01 min
Lab File: BF077385.D
Acq: 20 Feb 2015 16:49

Instrument :
BNA_F
ClientSampleId :
WC-GW-01

Tgt Ion:163 Resp: 44029
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.2 8.6 13.0

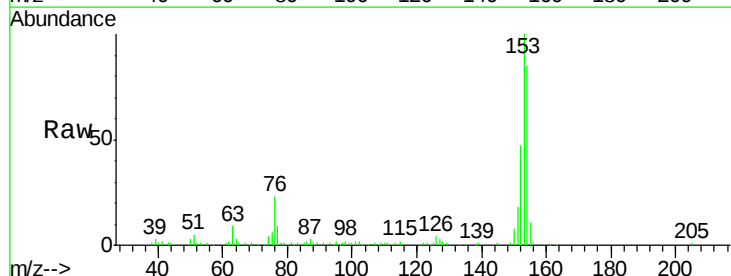


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

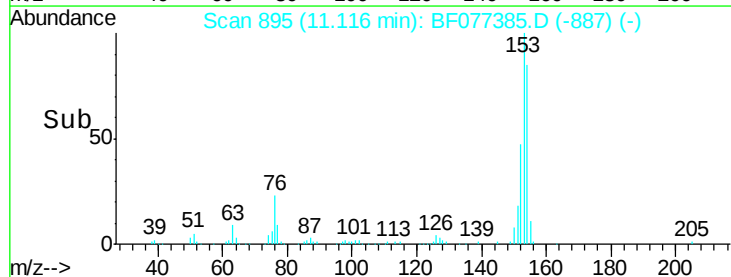
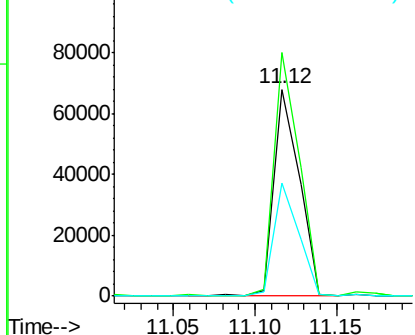


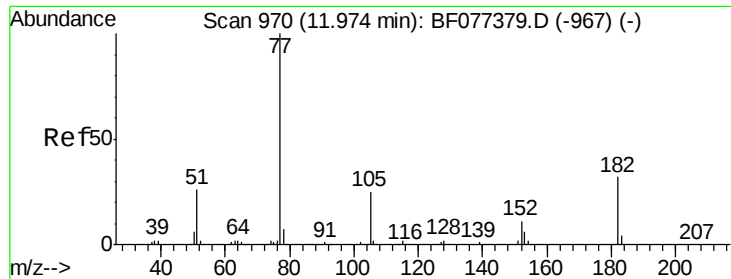
#51
Acenaphthene
Concen: 7.06 ng
RT: 11.12 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF077385.D
Acq: 20 Feb 2015 16:49

Tgt Ion:154 Resp: 73981
Ion Ratio Lower Upper
154 100
153 117.8 90.5 135.7
152 55.0 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#62

Azobenzene

Concen: 3.95 ng

RT: 11.99 min Scan# 971

Delta R.T. 0.01 min

Lab File: BF077385.D

Acq: 20 Feb 2015 16:49

Instrument :

BNA_F

ClientSampleId :

WC-GW-01

Tgt Ion: 77 Resp: 48519

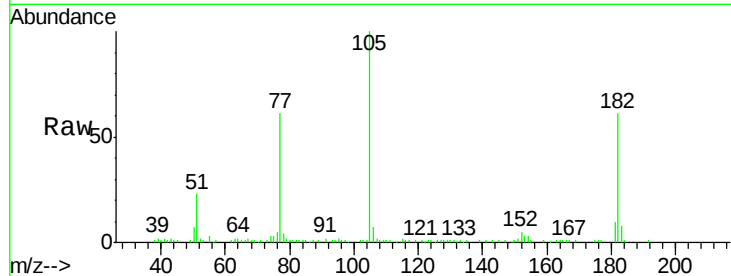
Ion Ratio Lower Upper

77 100

182 99.7 4.9 44.9#

105 163.6 3.3 43.3#

51 37.5 8.9 48.9

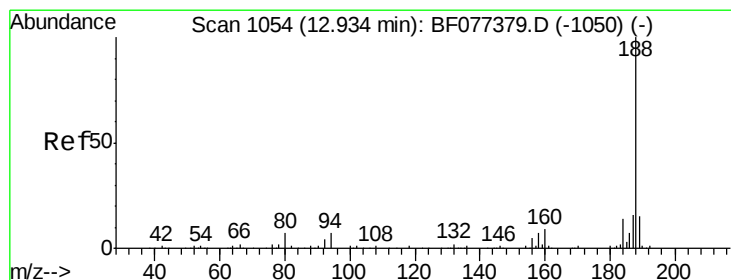
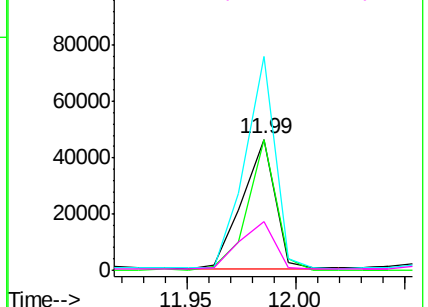
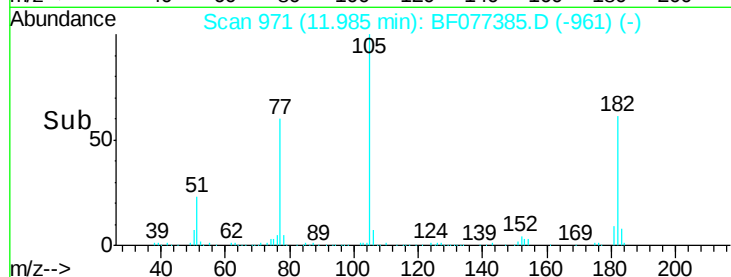


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.92 min Scan# 1053

Delta R.T. -0.01 min

Lab File: BF077385.D

Acq: 20 Feb 2015 16:49

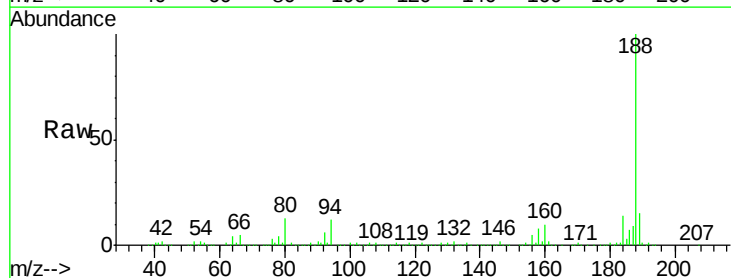
Tgt Ion: 188 Resp: 354574

Ion Ratio Lower Upper

188 100

94 11.9 7.4 11.2#

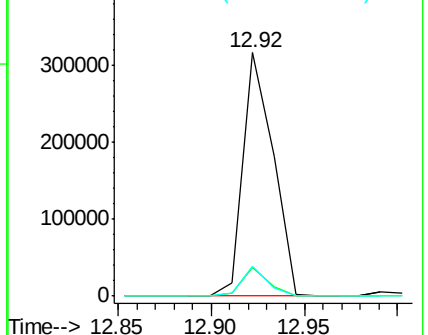
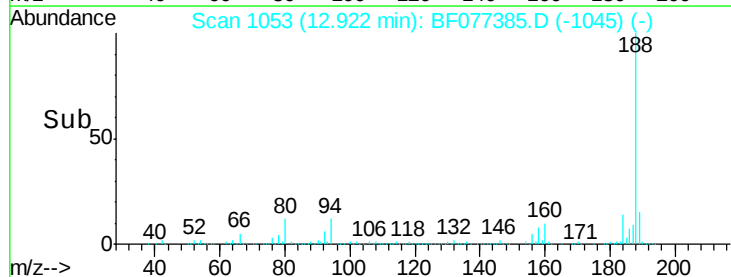
80 12.5 8.0 12.0#

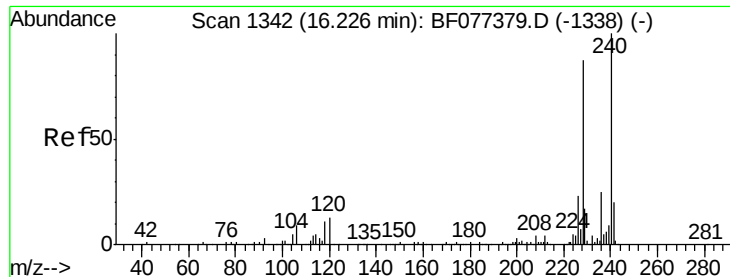


Abundance Ion 188.00 (187.70 to 188.70): E

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: 16.23 min Scan# 1342

Delta R.T. -0.00 min

Lab File: BF077385.D

Acq: 20 Feb 2015 16:49

Instrument :

BNA_F

ClientSampleId :

WC-GW-01

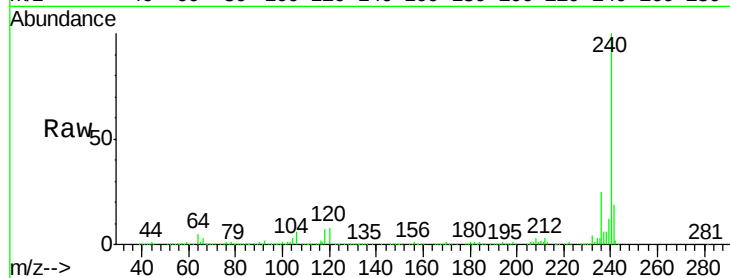
Tgt Ion:240 Resp: 352360

Ion Ratio Lower Upper

240 100

120 8.2 8.8 13.2#

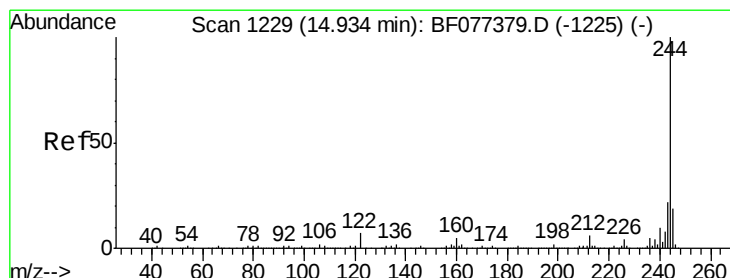
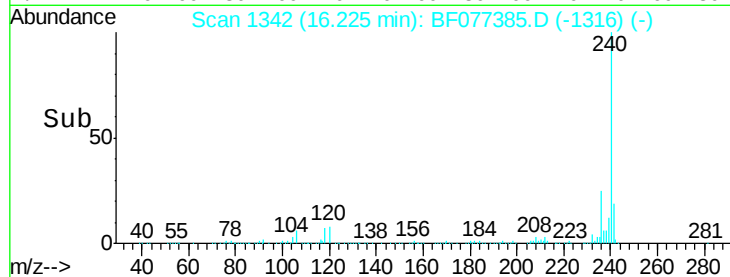
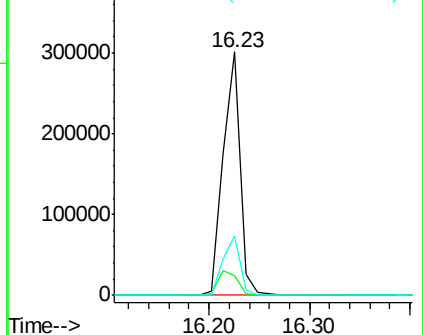
236 24.5 20.7 31.1



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: 91.23 ng

RT: 14.92 min Scan# 1228

Delta R.T. -0.01 min

Lab File: BF077385.D

Acq: 20 Feb 2015 16:49

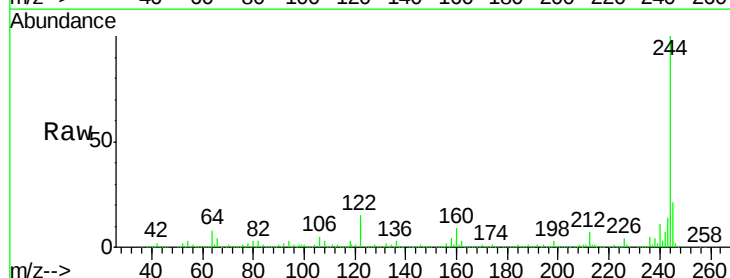
Tgt Ion:244 Resp: 1375038

Ion Ratio Lower Upper

244 100

212 7.2 5.2 7.8

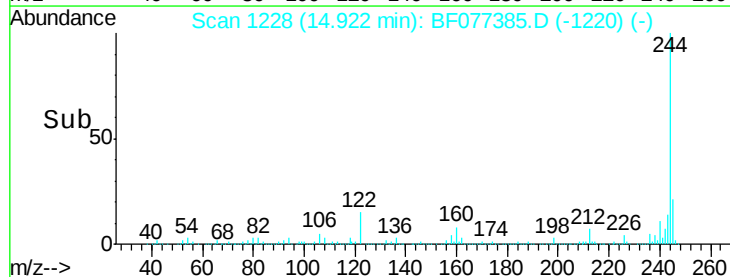
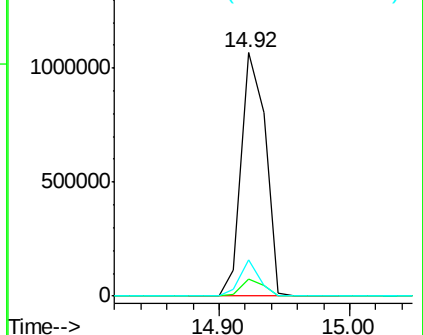
122 14.6 7.8 11.8#

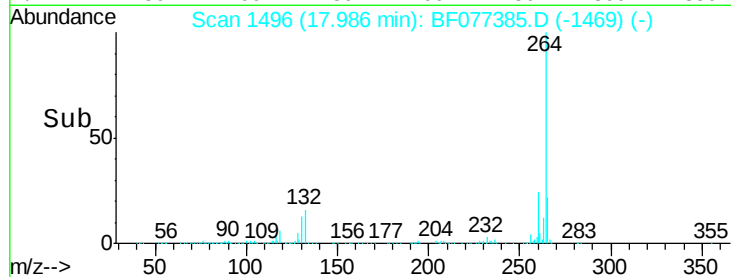
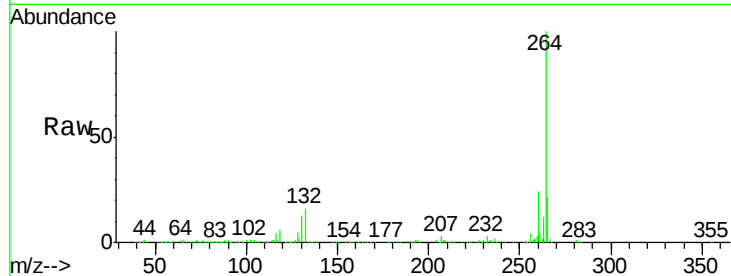
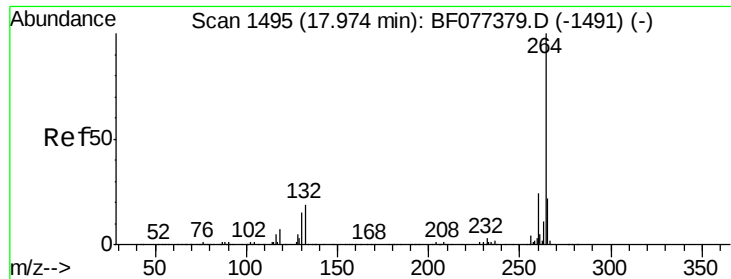


Abundance Ion 244.00 (243.70 to 244.70): E

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: 17.99 min Scan# 1496

Delta R.T. 0.01 min

Lab File: BF077385.D

Acq: 20 Feb 2015 16:49

Instrument :

BNA_F

ClientSampleId :

WC-GW-01

Tgt Ion: 264 Resp: 335797

Ion Ratio Lower Upper

264 100

260 23.7 19.3 28.9

265 21.5 16.8 25.2

