

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031115\
 Data File : BF077717.D
 Acq On : 12 Mar 2015 6:31
 Operator : TP/IZ
 Sample : G1466-08RE
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-089-3915

Quant Time: Mar 12 06:07:45 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 12 02:24:12 2015
 Response via : Initial Calibration

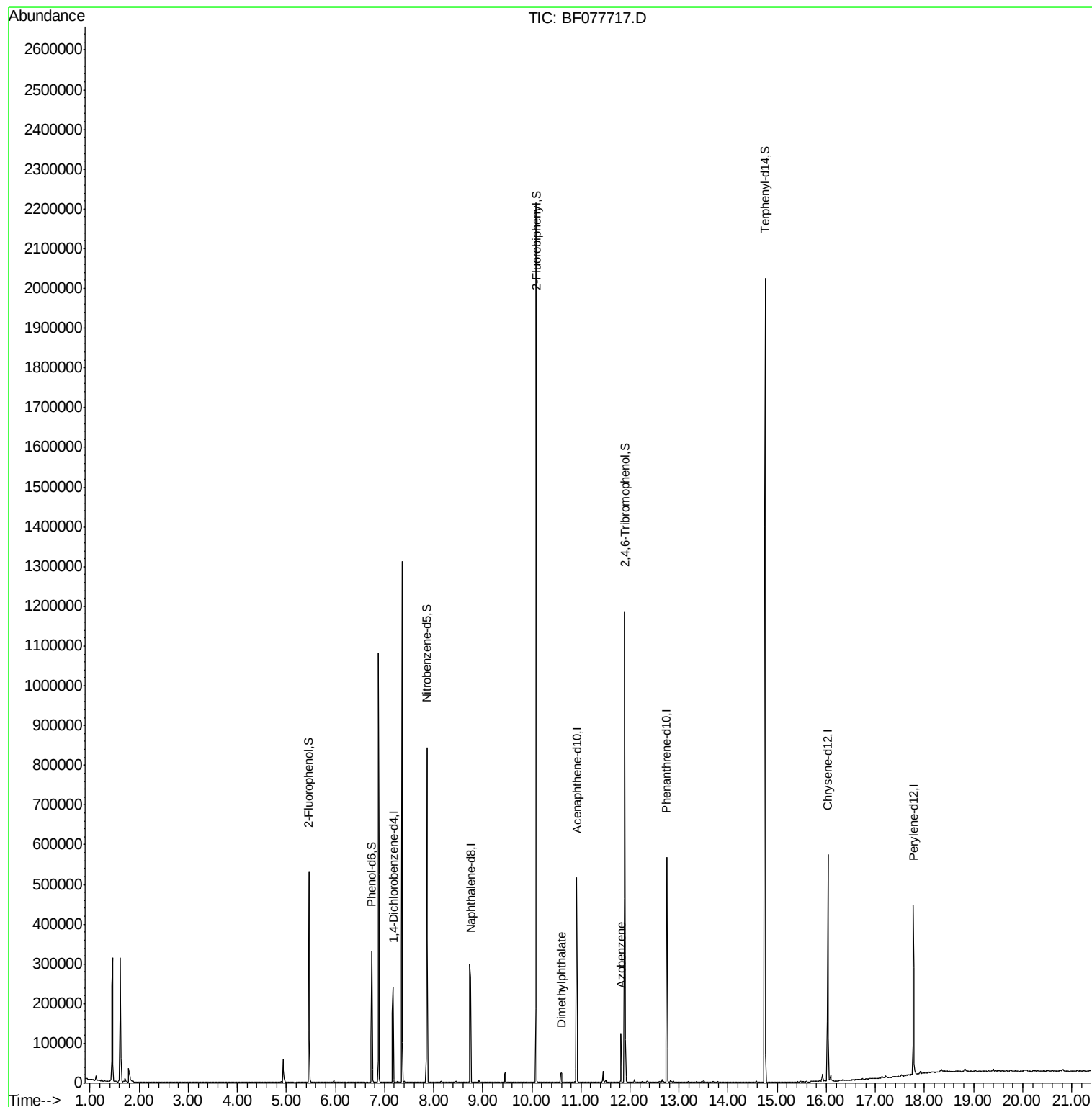
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.17	152	50899	20.00	ng	0.00
21) Naphthalene-d8	8.75	136	202164	20.00	ng	0.00
38) Acenaphthene-d10	10.91	164	109946	20.00	ng	0.00
63) Phenanthrene-d10	12.75	188	215560	20.00	ng	0.00
75) Chrysene-d12	16.03	240	224218	20.00	ng	0.00
86) Perylene-d12	17.77	264	205829	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	166316	57.04	ng	0.00
7) Phenol-d6	6.74	99	125530	34.84	ng	0.00
23) Nitrobenzene-d5	7.86	82	304204	98.64	ng	0.00
41) 2,4,6-Tribromophenol	11.89	330	148337	141.01	ng	0.00
44) 2-Fluorobiphenyl	10.09	172	700252	93.60	ng	0.00
78) Terphenyl-d14	14.75	244	871174	94.91	ng	0.00
Target Compounds						
49) Dimethylphthalate	10.60	163	17592	2.16	ng	# 97
62) Azobenzene	11.81	77	25335	3.34	ng	# 1

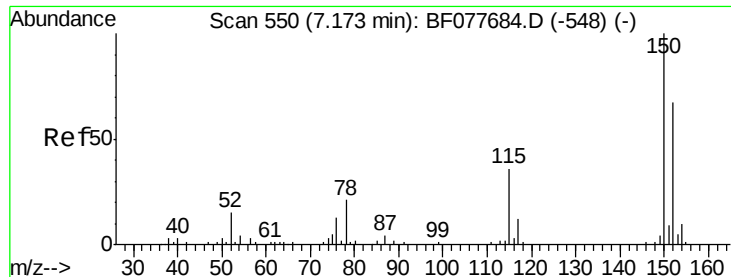
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 12 02:24:12 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.17 min Scan# 550

Delta R.T. 0.00 min

Lab File: BF077717.D

Acq: 12 Mar 2015 6:31

Instrument :

BNA_F

ClientSampleId :

DCW-WW-089-3915

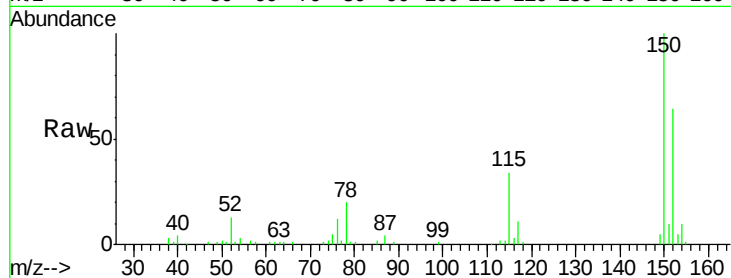
Tgt Ion:152 Resp: 50899

Ion Ratio Lower Upper

152 100

150 155.7 119.5 179.3

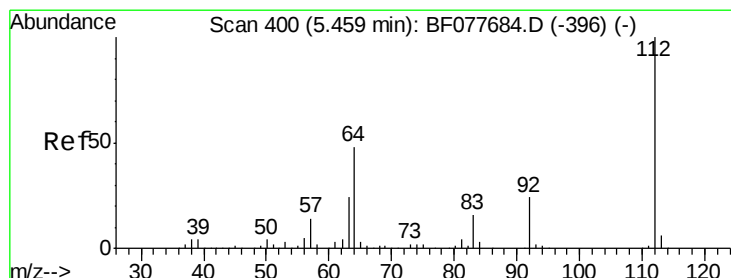
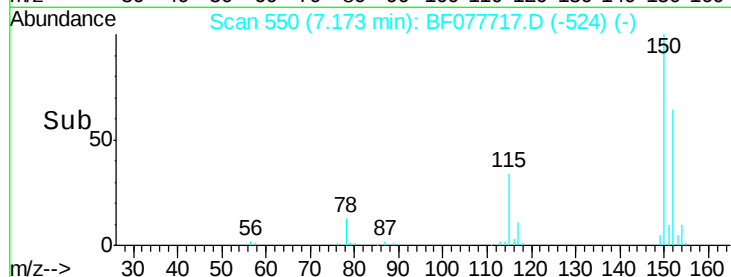
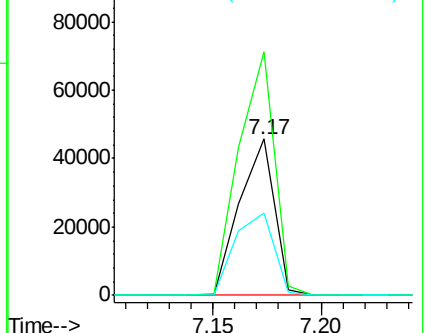
115 52.9 43.0 64.4



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: 57.04 ng

RT: 5.46 min Scan# 400

Delta R.T. 0.00 min

Lab File: BF077717.D

Acq: 12 Mar 2015 6:31

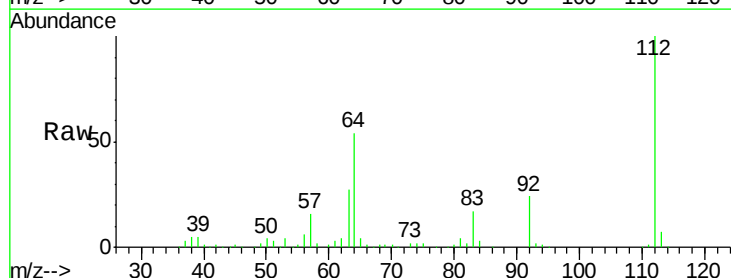
Tgt Ion:112 Resp: 166316

Ion Ratio Lower Upper

112 100

64 53.9 38.6 57.8

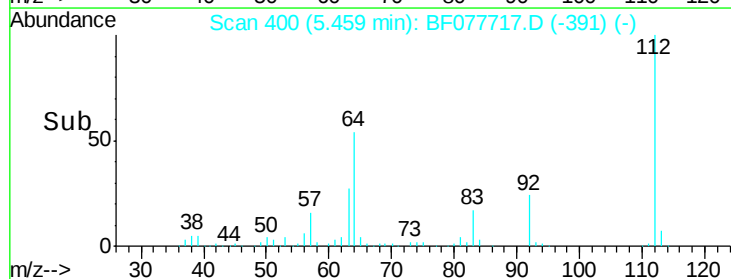
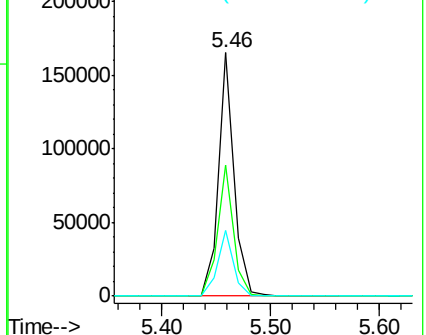
63 27.1 19.3 28.9

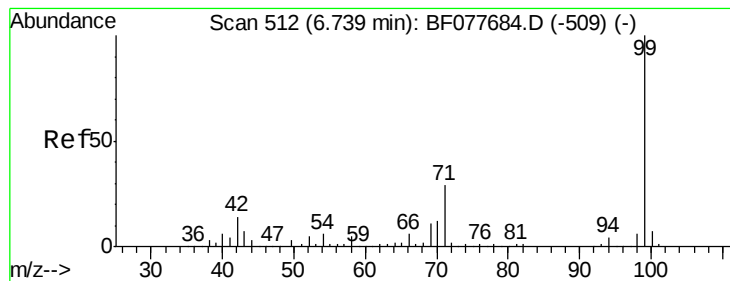


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 34.84 ng

RT: 6.74 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF077717.D

Acq: 12 Mar 2015 6:31

Instrument :

BNA_F

ClientSampleId :

DCW-WW-089-3915

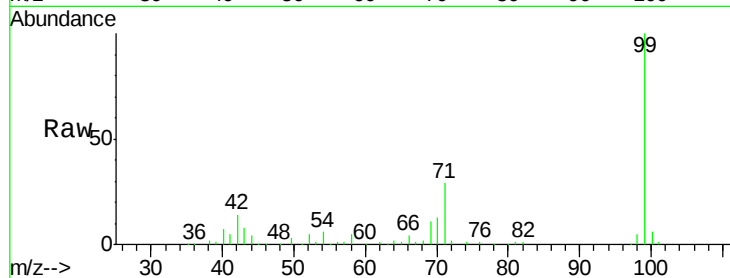
Tgt Ion: 99 Resp: 125530

Ion Ratio Lower Upper

99 100

42 14.3 11.0 16.4

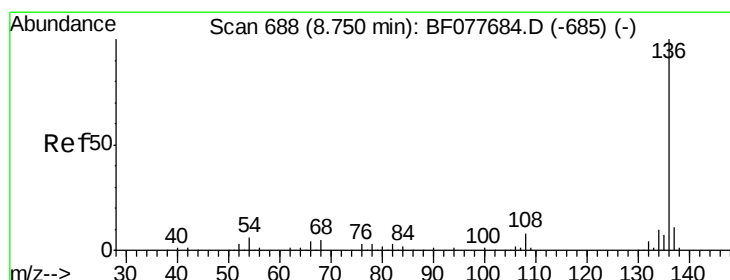
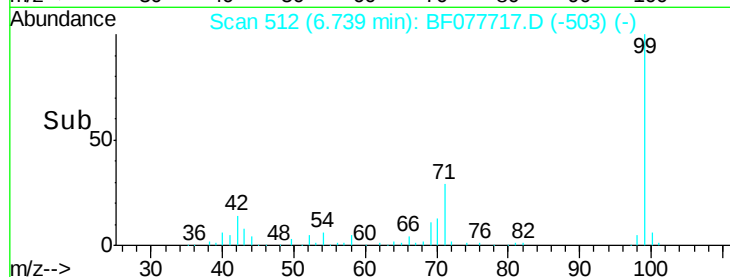
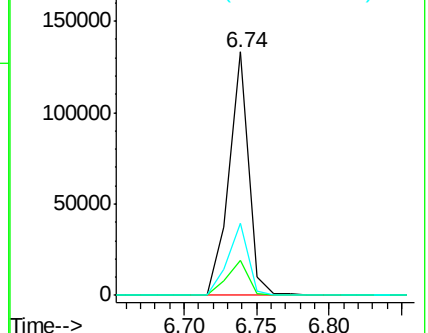
71 29.4 23.4 35.2



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: 8.75 min Scan# 688

Delta R.T. 0.00 min

Lab File: BF077717.D

Acq: 12 Mar 2015 6:31

Tgt Ion: 136 Resp: 202164

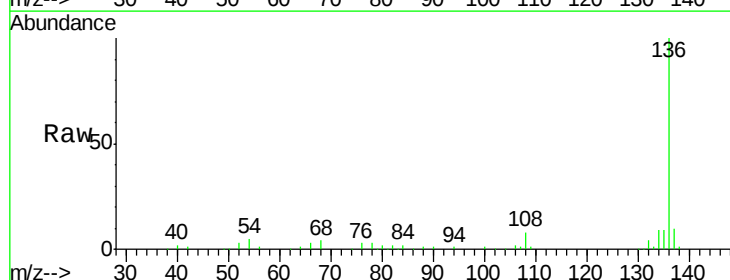
Ion Ratio Lower Upper

136 100

137 10.2 8.7 13.1

54 4.9 4.6 6.8

68 4.4 3.7 5.5

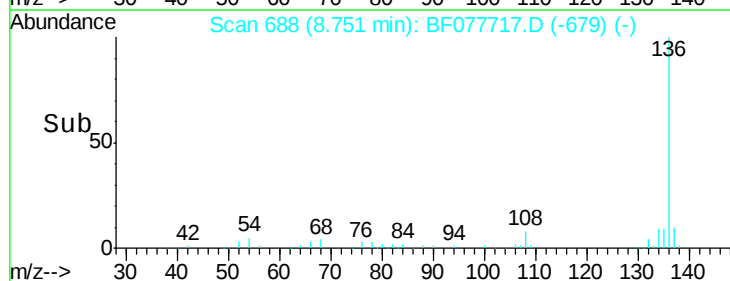
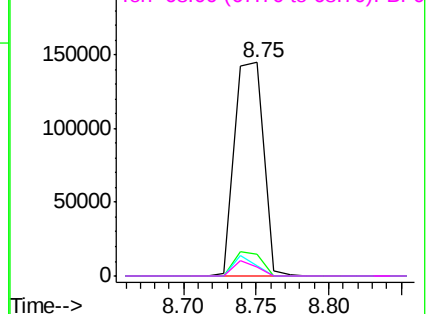


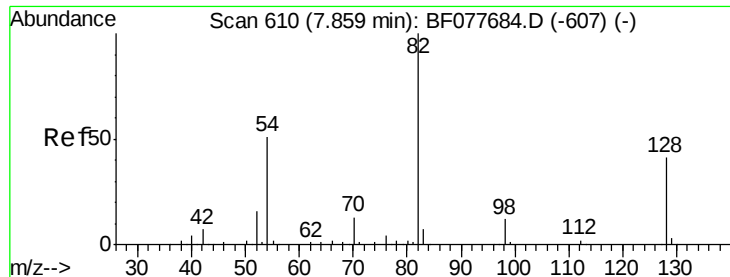
Abundance Ion 136.00 (135.70 to 136.70): E

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

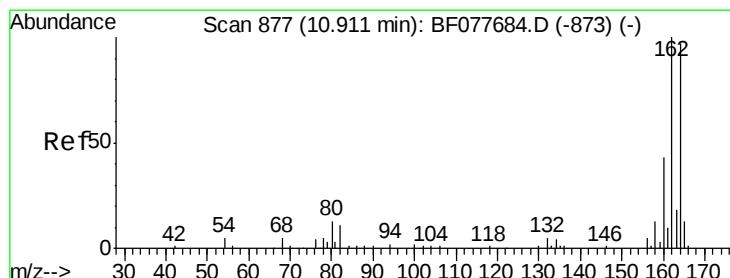
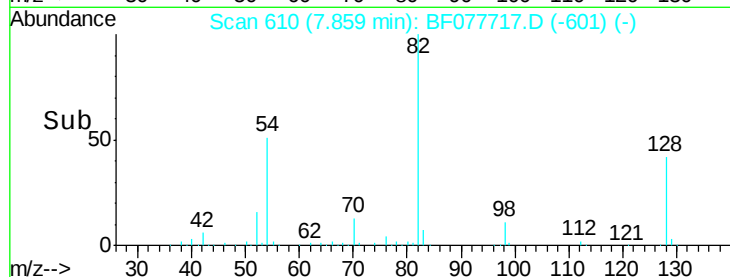
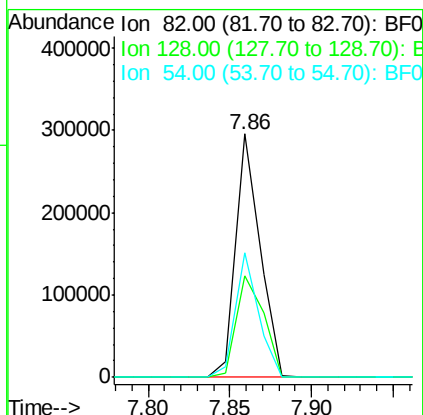
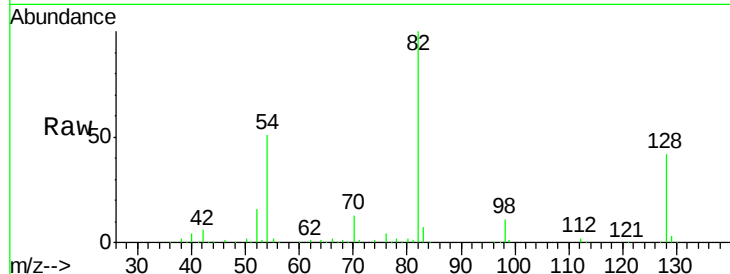




#23
 Nitrobenzene-d5
 Concen: 98.64 ng
 RT: 7.86 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF077717.D
 Acq: 12 Mar 2015 6:31

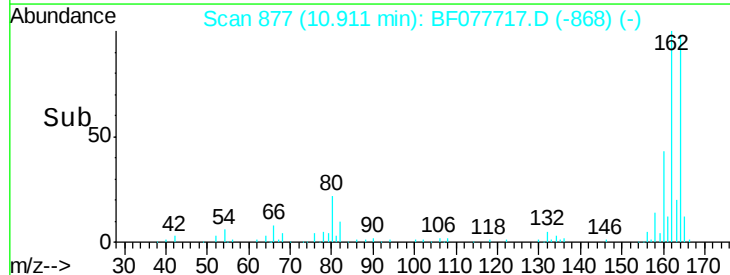
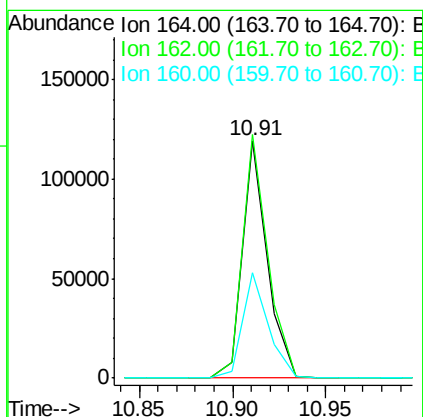
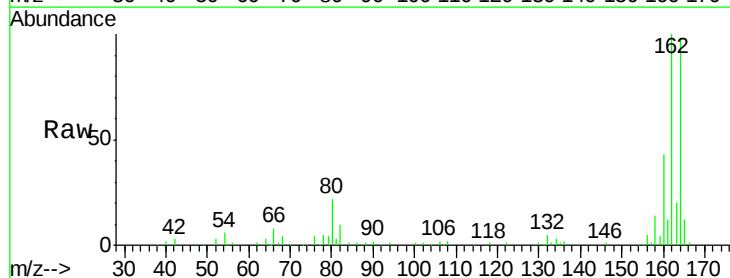
Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-089-3915

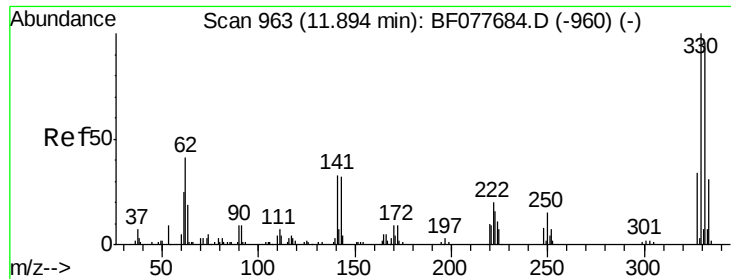
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.9	32.8	49.2
54	51.4	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.91 min Scan# 877
 Delta R.T. 0.00 min
 Lab File: BF077717.D
 Acq: 12 Mar 2015 6:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	82.4	123.6
160	44.2	35.8	53.6

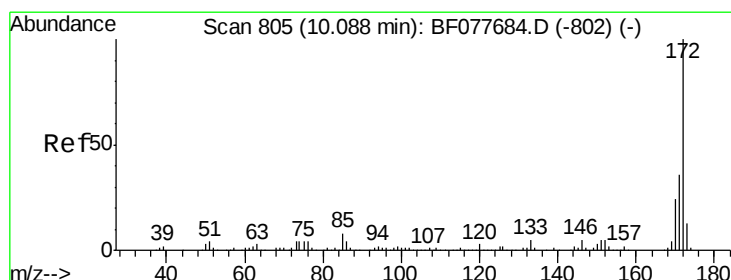
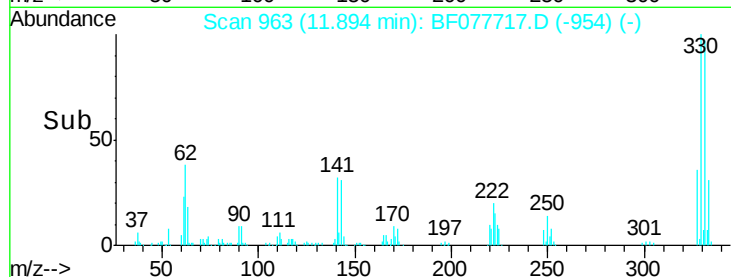
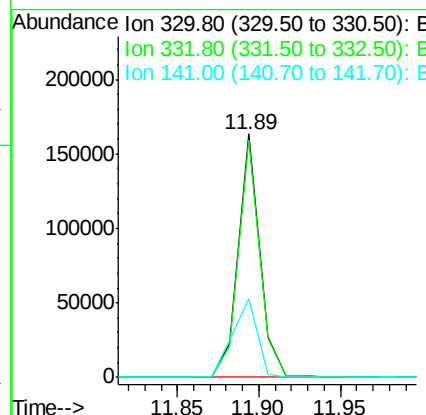
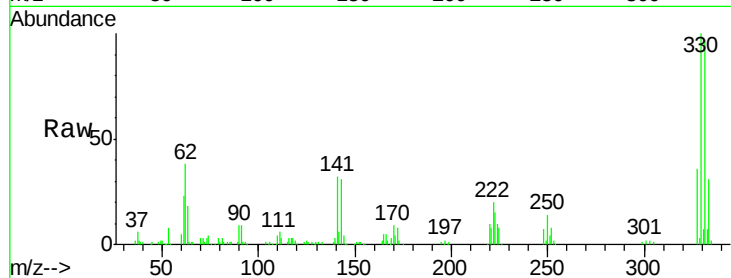




#41
 2,4,6-Tribromophenol
 Concen: 141.01 ng
 RT: 11.89 min Scan# 963
 Delta R.T. 0.00 min
 Lab File: BF077717.D
 Acq: 12 Mar 2015 6:31

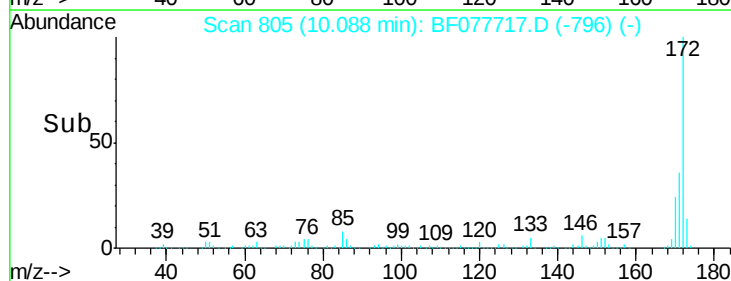
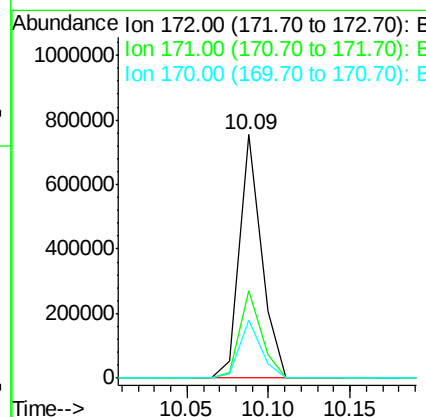
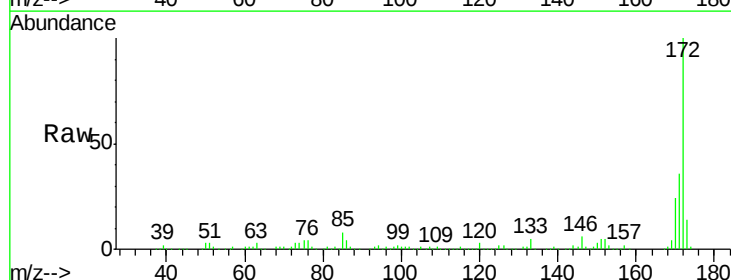
Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-089-3915

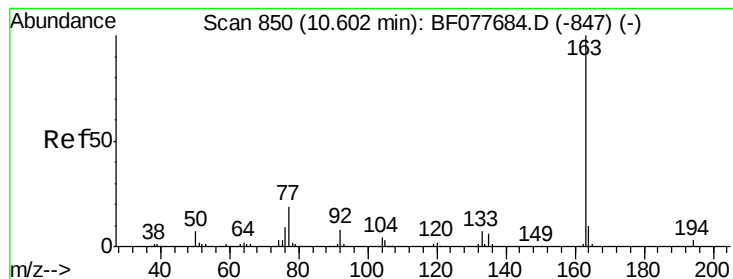
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	0.0	0.0#
141	37.5	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 93.60 ng
 RT: 10.09 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF077717.D
 Acq: 12 Mar 2015 6:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.5	42.7
170	23.9	18.8	28.2





#49

Dimethylphthalate

Concen: 2.16 ng

RT: 10.60 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF077717.D

Acq: 12 Mar 2015 6:31

Instrument :

BNA_F

ClientSampleId :

DCW-WW-089-3915

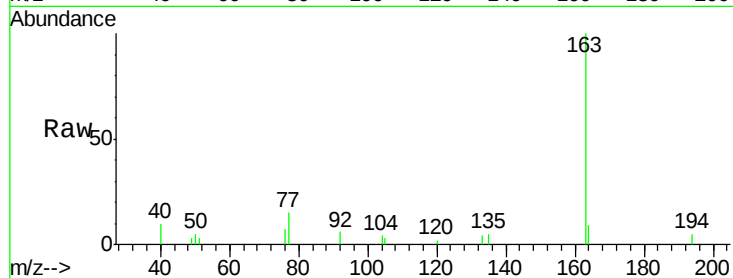
Tgt Ion: 163 Resp: 17592

Ion Ratio Lower Upper

163 100

194 4.6 2.7 4.1#

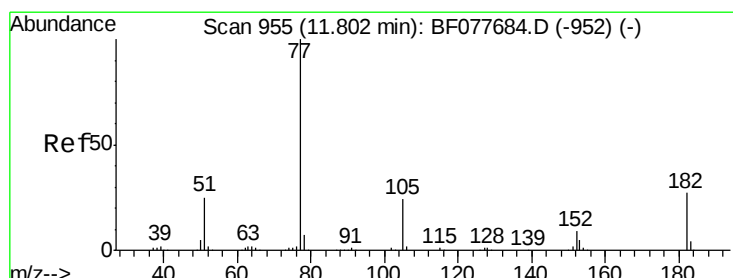
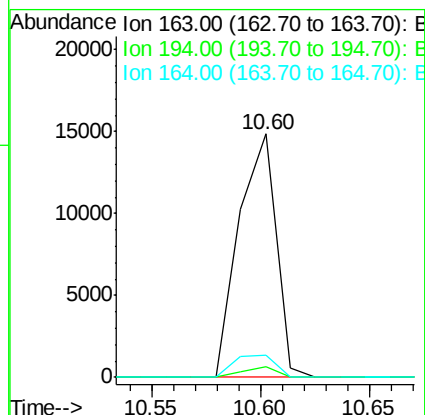
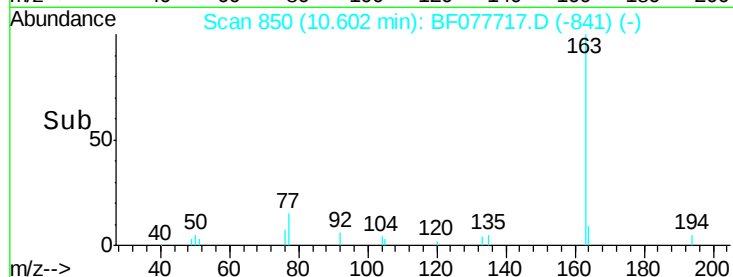
164 9.0 8.2 12.2



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



#62

Azobenzene

Concen: 3.34 ng

RT: 11.81 min Scan# 956

Delta R.T. 0.01 min

Lab File: BF077717.D

Acq: 12 Mar 2015 6:31

Tgt Ion: 77 Resp: 25335

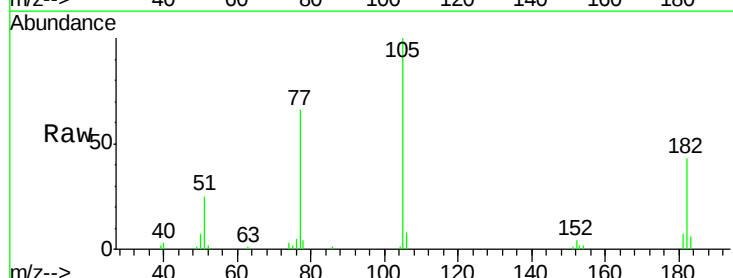
Ion Ratio Lower Upper

77 100

182 65.3 6.5 46.5#

105 151.5 3.8 43.8#

51 37.6 5.5 45.5

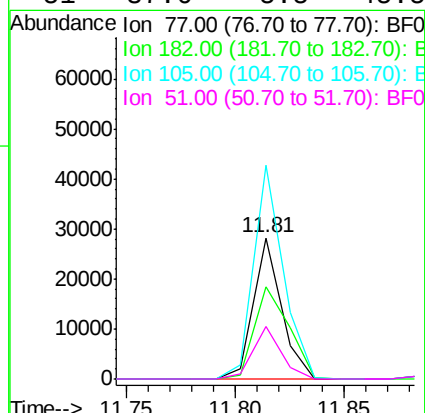
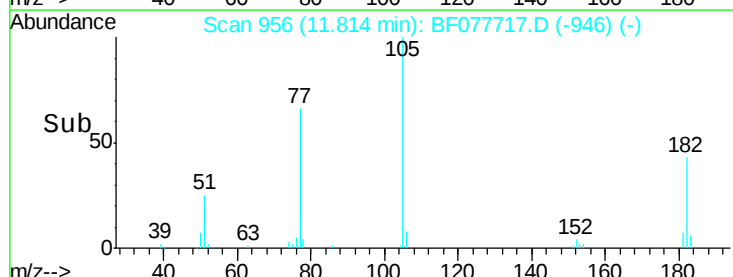


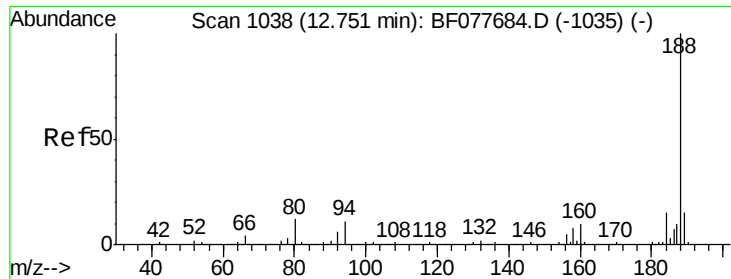
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

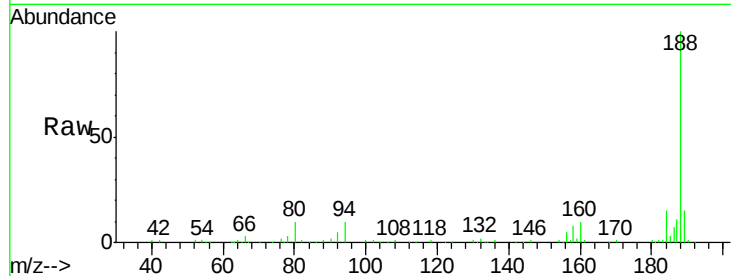




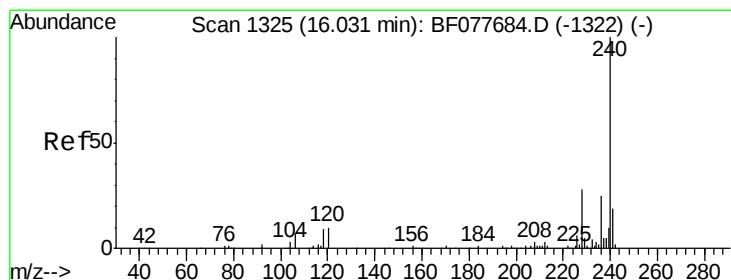
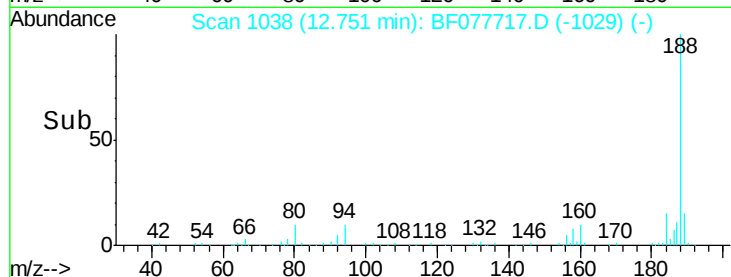
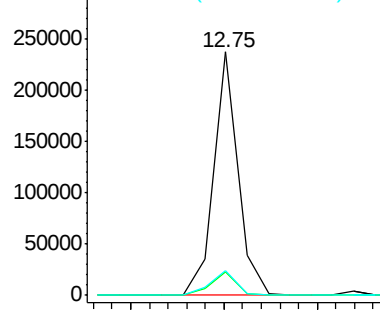
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.75 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF077717.D
Acq: 12 Mar 2015 6:31

Instrument :
BNA_F
ClientSampleId :
DCW-WW-089-3915

Tgt Ion:188 Resp: 215560
Ion Ratio Lower Upper
188 100
94 9.7 8.7 13.1
80 10.2 9.3 13.9

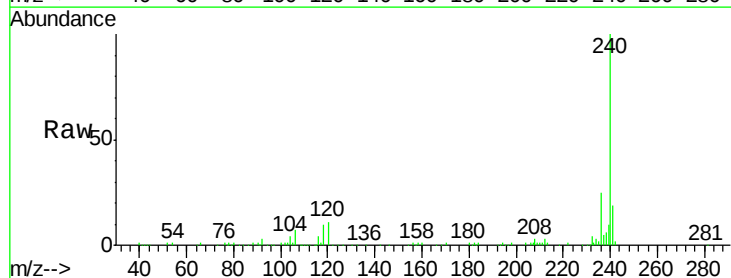


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

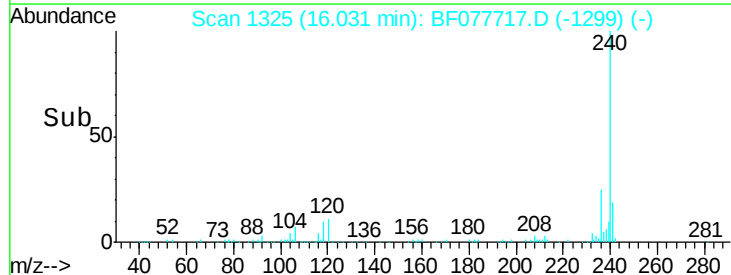
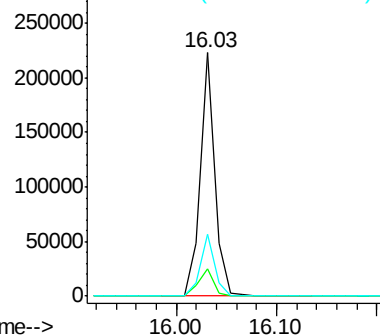


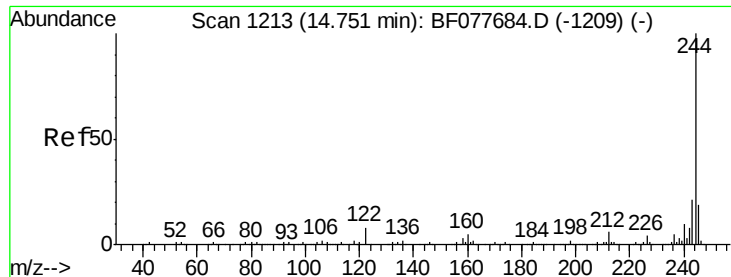
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.03 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF077717.D
Acq: 12 Mar 2015 6:31

Tgt Ion:240 Resp: 224218
Ion Ratio Lower Upper
240 100
120 11.1 8.2 12.2
236 25.2 20.0 30.0



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: 94.91 ng

RT: 14.75 min Scan# 1213

Delta R.T. 0.00 min

Lab File: BF077717.D

Acq: 12 Mar 2015 6:31

Instrument :

BNA_F

ClientSampleId :

DCW-WW-089-3915

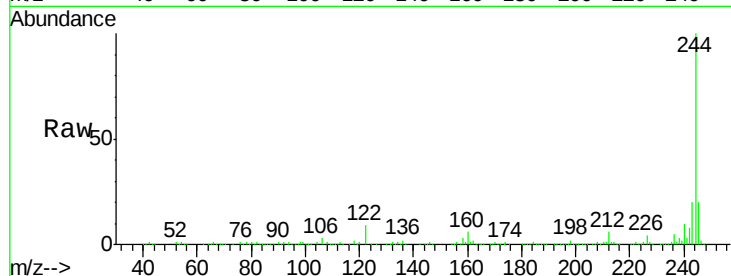
Tgt Ion:244 Resp: 871174

Ion Ratio Lower Upper

244 100

212 6.3 4.9 7.3

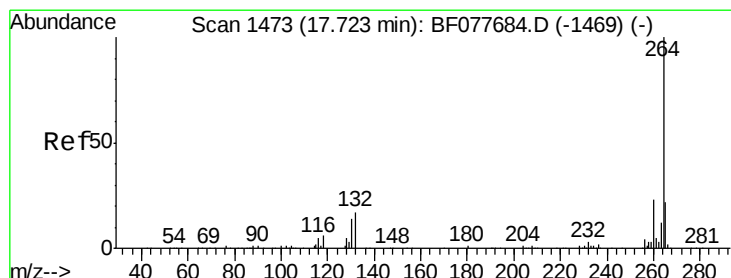
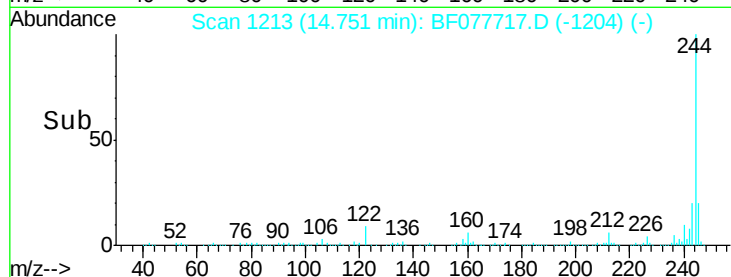
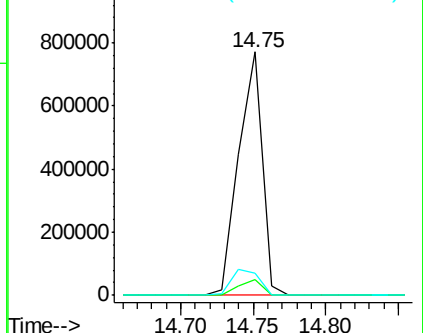
122 8.9 6.2 9.4



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: 17.77 min Scan# 1477

Delta R.T. 0.05 min

Lab File: BF077717.D

Acq: 12 Mar 2015 6:31

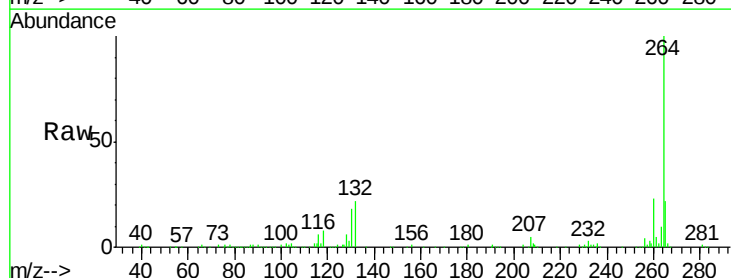
Tgt Ion:264 Resp: 205829

Ion Ratio Lower Upper

264 100

260 23.3 18.6 27.8

265 21.9 17.3 25.9



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

