

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031215\
 Data File : BF077731.D
 Acq On : 12 Mar 2015 17:29
 Operator : TP/IZ
 Sample : G1509-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 Z2-0120

Quant Time: Mar 13 00:10:54 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 13 00:57:09 2015
 Response via : Initial Calibration

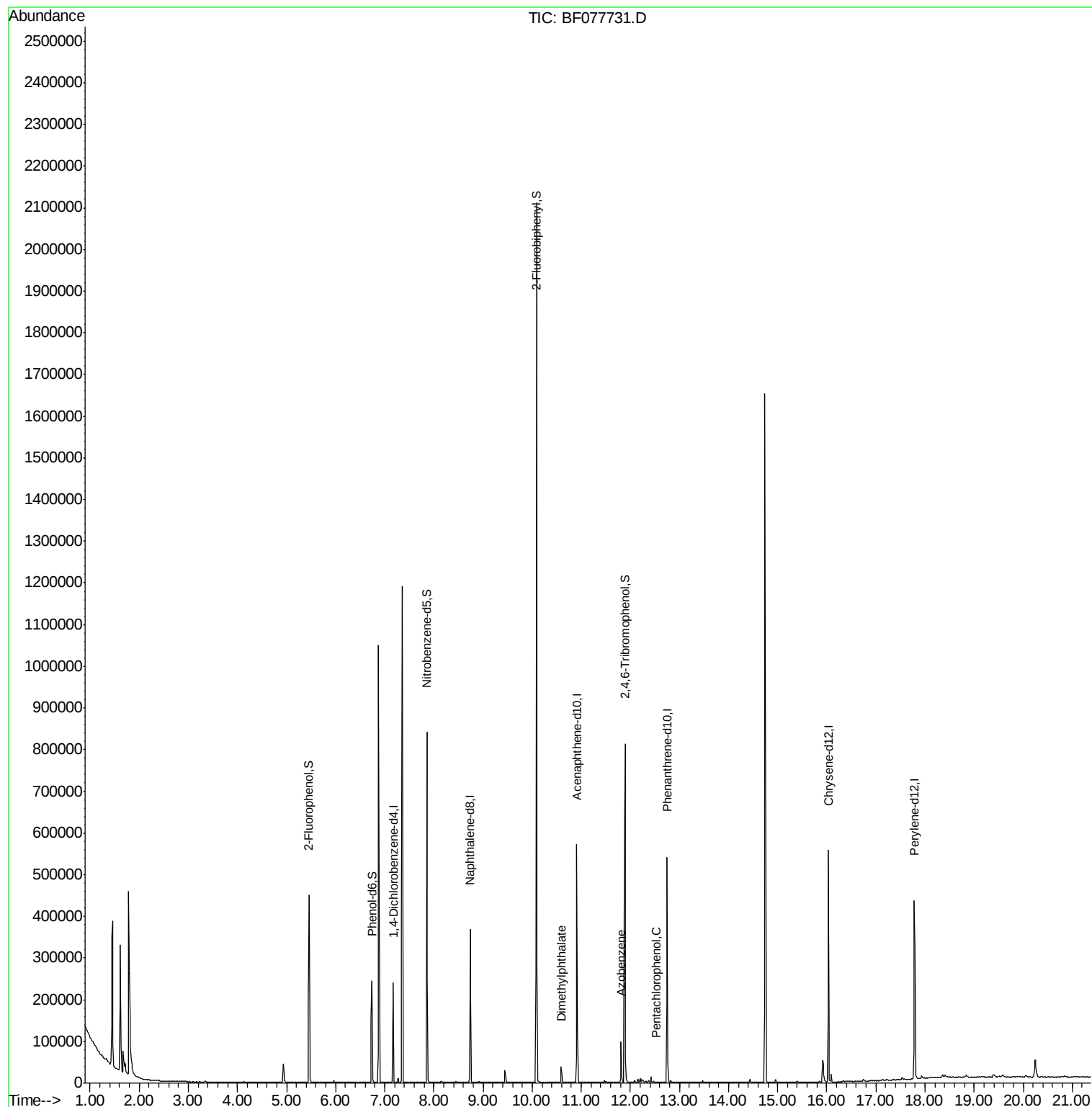
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.17	152	53426	20.00	ng	0.00
21) Naphthalene-d8	8.74	136	217010	20.00	ng	-0.01
38) Acenaphthene-d10	10.91	164	114720	20.00	ng	-0.01
63) Phenanthrene-d10	12.75	188	222188	20.00	ng	-0.01
75) Chrysene-d12	16.03	240	228741	20.00	ng	-0.14
86) Perylene-d12	17.78	264	228293	20.00	ng	-0.41
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	157401	51.43	ng	0.00
7) Phenol-d6	6.74	99	112524	29.76	ng	0.00
23) Nitrobenzene-d5	7.86	82	283773	85.72	ng	-0.01
41) 2,4,6-Tribromophenol	11.89	330	124962	113.85	ng	0.00
44) 2-Fluorobiphenyl	10.09	172	643633	82.45	ng	-0.01
78) Terphenyl-d14	0.00	244	0	0.00	ng	
Target Compounds						
49) Dimethylphthalate	10.59	163	22937	2.70	ng	99
62) Azobenzene	11.81	77	18420	2.32	ng	# 1
69) Pentachlorophenol	12.52	266	248	3.26	ng	# 19

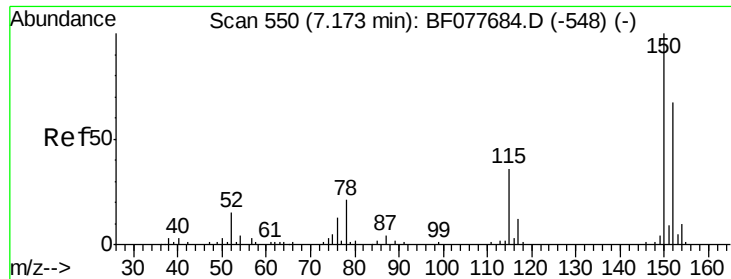
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 13 00:57:09 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.17 min Scan# 550

Delta R.T. 0.00 min

Lab File: BF077731.D

Acq: 12 Mar 2015 17:29

Instrument :

BNA_F

ClientSampleId :

Z2-0120

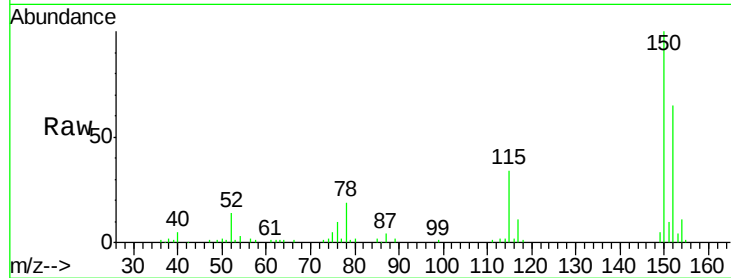
Tgt Ion:152 Resp: 53426

Ion Ratio Lower Upper

152 100

150 153.3 119.5 179.3

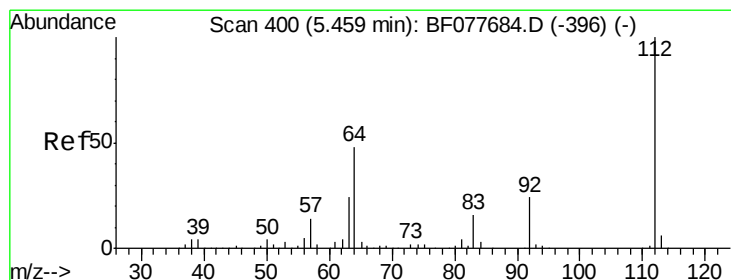
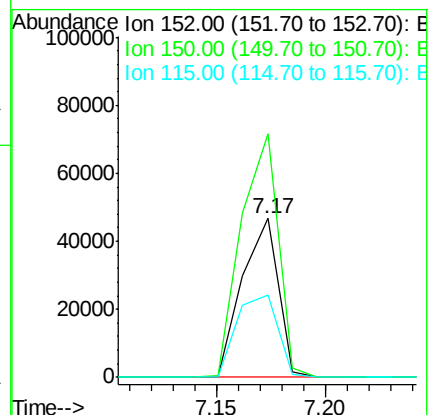
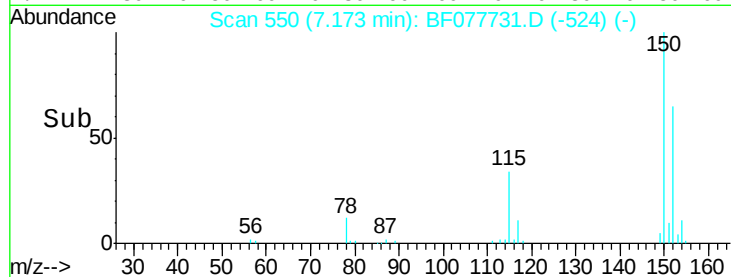
115 51.6 43.0 64.4



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: 51.43 ng

RT: 5.46 min Scan# 400

Delta R.T. 0.00 min

Lab File: BF077731.D

Acq: 12 Mar 2015 17:29

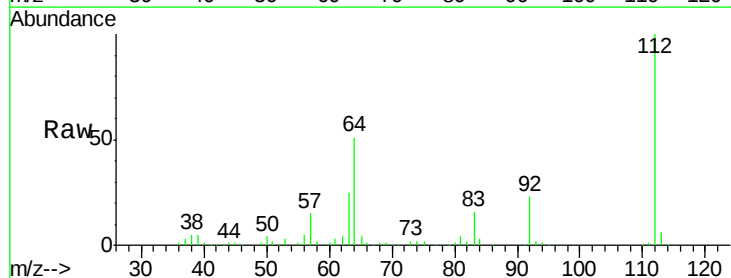
Tgt Ion:112 Resp: 157401

Ion Ratio Lower Upper

112 100

64 51.4 38.6 57.8

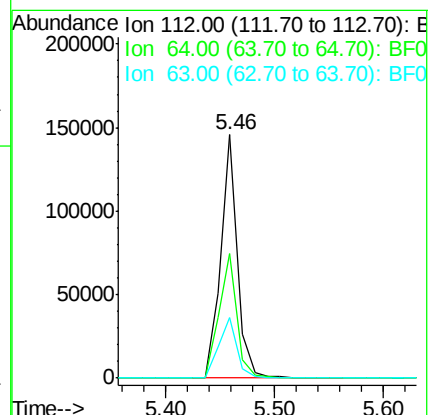
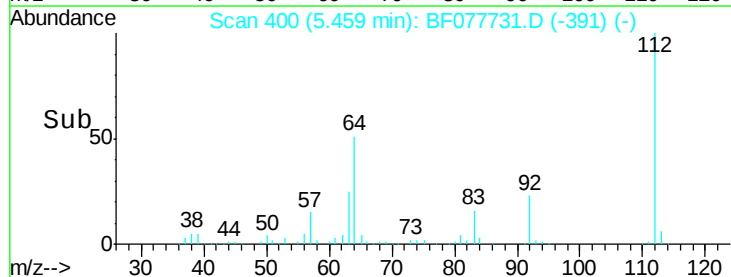
63 24.7 19.3 28.9



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: 29.76 ng

RT: 6.74 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF077731.D

Acq: 12 Mar 2015 17:29

Instrument :

BNA_F

ClientSampleId :

Z2-0120

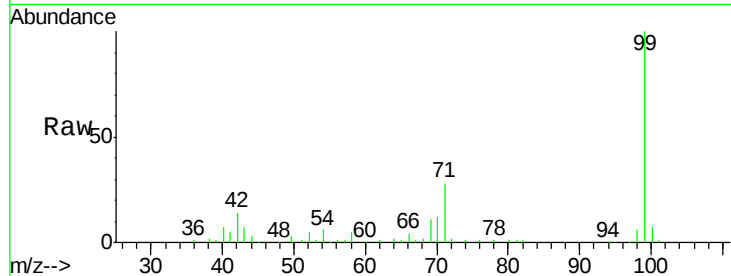
Tgt Ion: 99 Resp: 112524

Ion Ratio Lower Upper

99 100

42 13.6 11.0 16.4

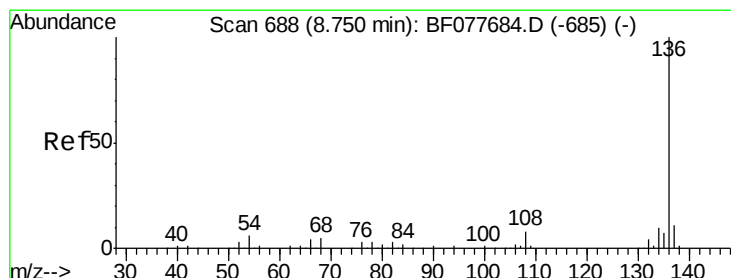
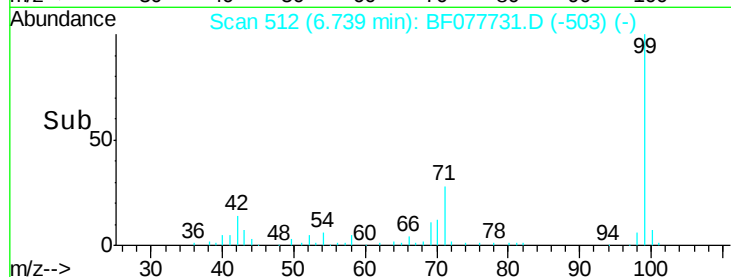
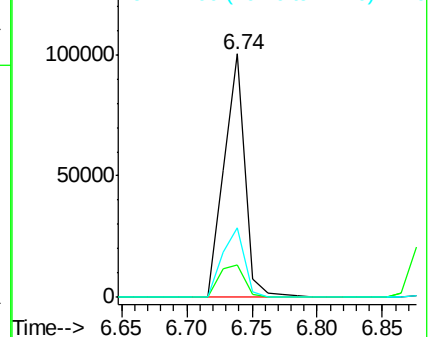
71 28.4 23.4 35.2



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: 8.74 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF077731.D

Acq: 12 Mar 2015 17:29

Tgt Ion: 136 Resp: 217010

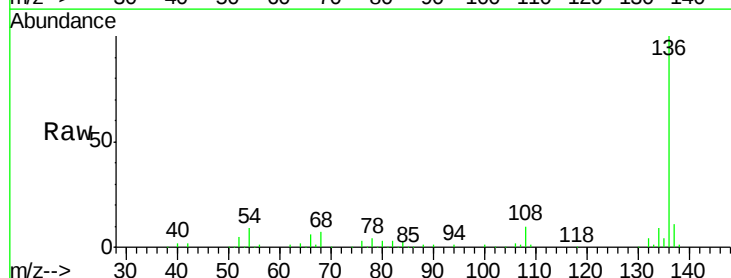
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 9.1 4.6 6.8#

68 6.9 3.7 5.5#

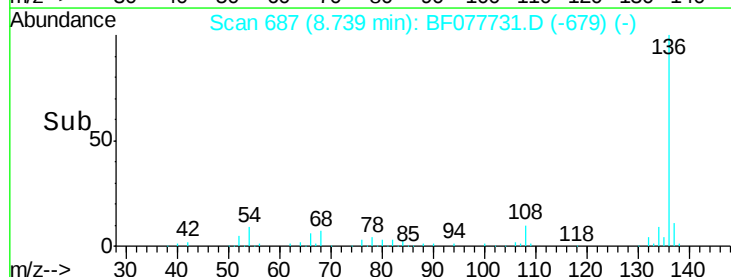
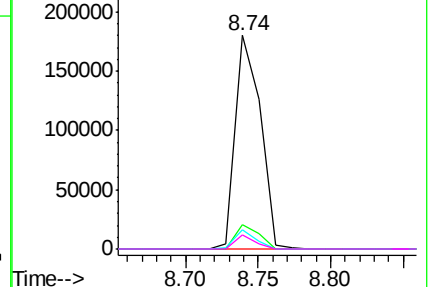


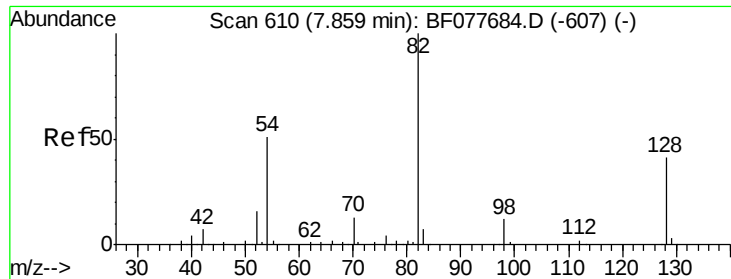
Abundance Ion 136.00 (135.70 to 136.70): E

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

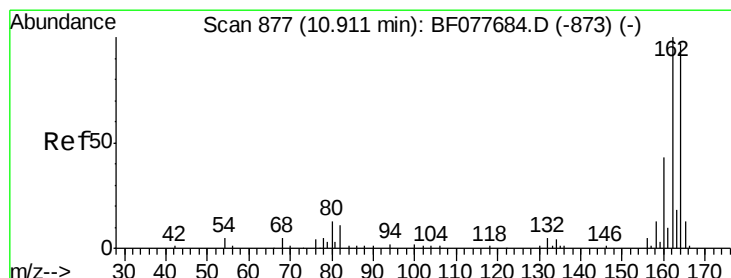
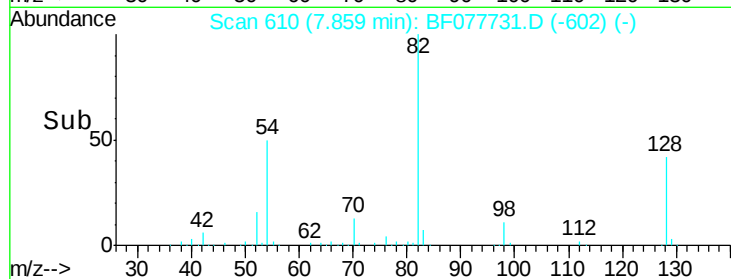
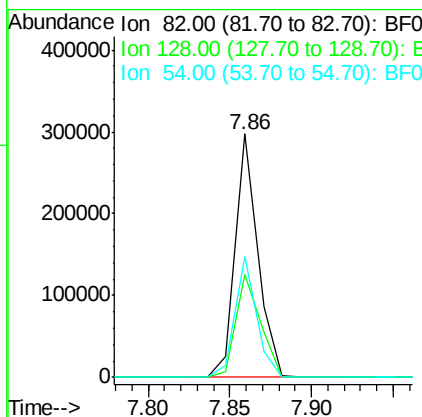
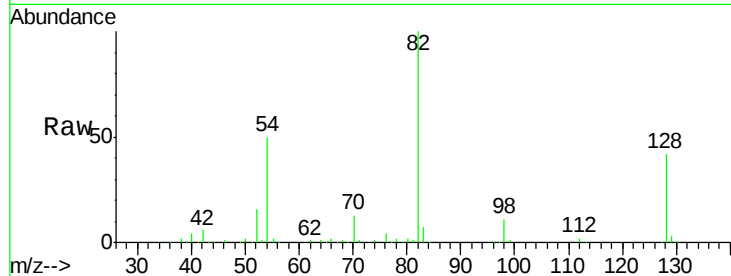




#23
 Nitrobenzene-d5
 Concen: 85.72 ng
 RT: 7.86 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: BF077731.D
 Acq: 12 Mar 2015 17:29

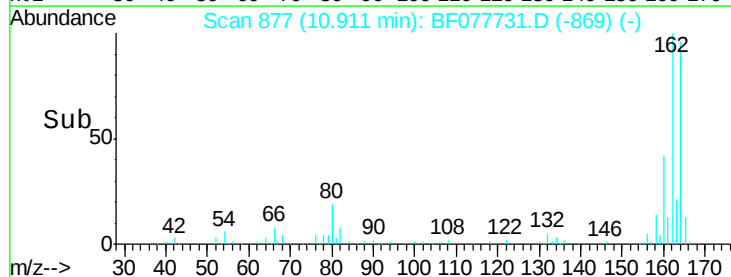
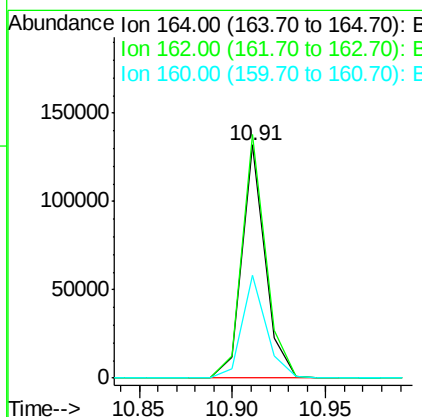
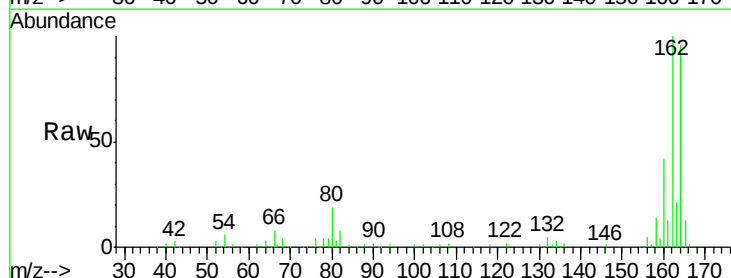
Instrument :
 BNA_F
 ClientSampleId :
 Z2-0120

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.1	32.8	49.2
54	49.6	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.91 min Scan# 877
 Delta R.T. -0.01 min
 Lab File: BF077731.D
 Acq: 12 Mar 2015 17:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.6	82.4	123.6
160	44.4	35.8	53.6

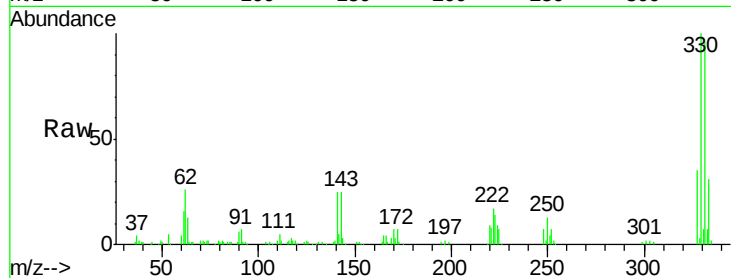




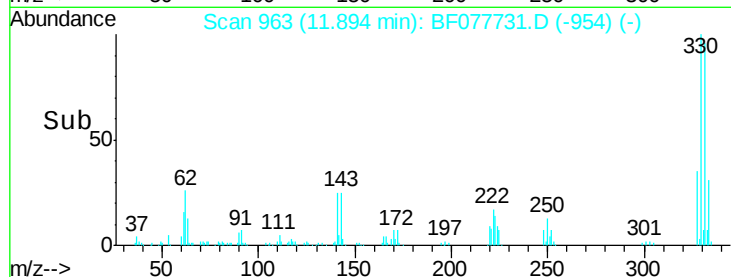
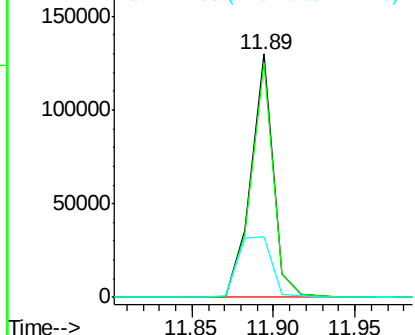
#41
 2,4,6-Tribromophenol
 Concen: 113.85 ng
 RT: 11.89 min Scan# 963
 Delta R.T. 0.00 min
 Lab File: BF077731.D
 Acq: 12 Mar 2015 17:29

Instrument :
 BNA_F
 ClientSampleId :
 Z2-0120

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	0.0	0.0#
141	37.2	0.0	0.0#

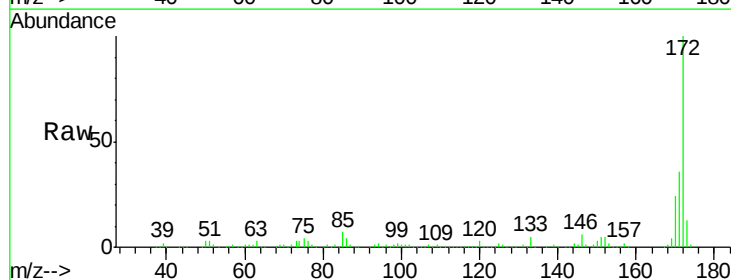


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

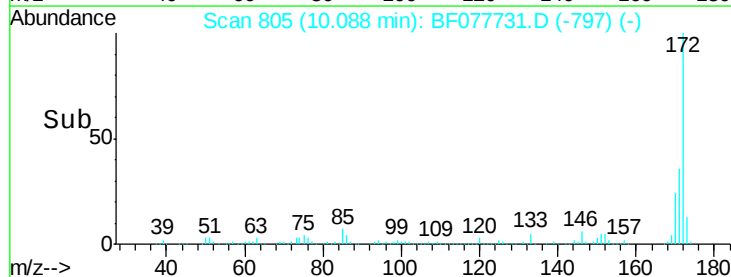
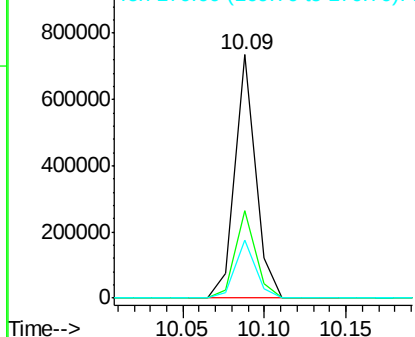


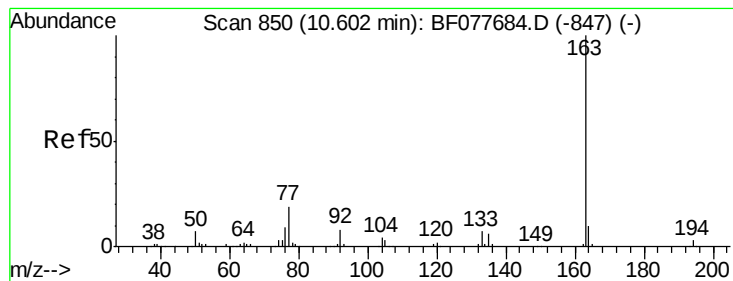
#44
 2-Fluorobiphenyl
 Concen: 82.45 ng
 RT: 10.09 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF077731.D
 Acq: 12 Mar 2015 17:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.5	42.7
170	23.9	18.8	28.2



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: 2.70 ng

RT: 10.59 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF077731.D

Acq: 12 Mar 2015 17:29

Instrument :

BNA_F

ClientSampleId :

Z2-0120

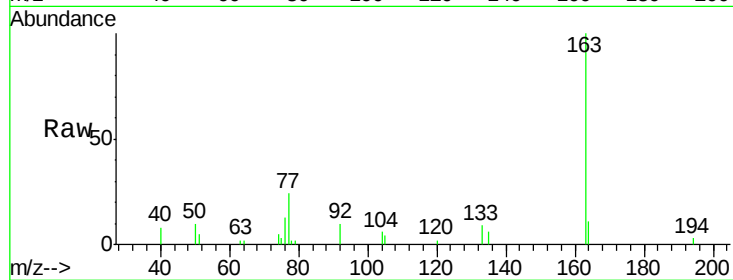
Tgt Ion: 163 Resp: 22937

Ion Ratio Lower Upper

163 100

194 2.9 2.7 4.1

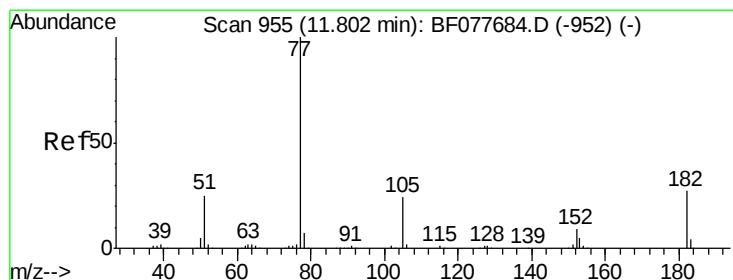
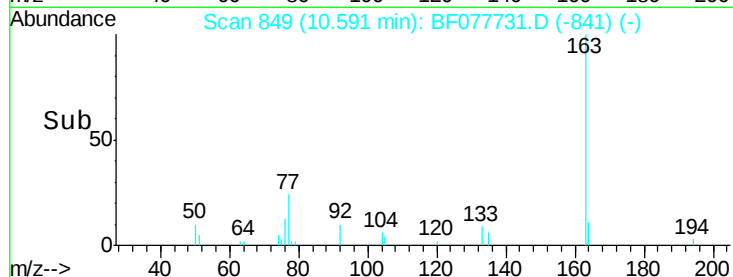
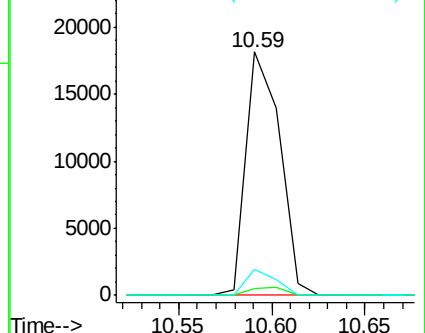
164 10.6 8.2 12.2



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: 2.32 ng

RT: 11.81 min Scan# 956

Delta R.T. 0.01 min

Lab File: BF077731.D

Acq: 12 Mar 2015 17:29

Tgt Ion: 77 Resp: 18420

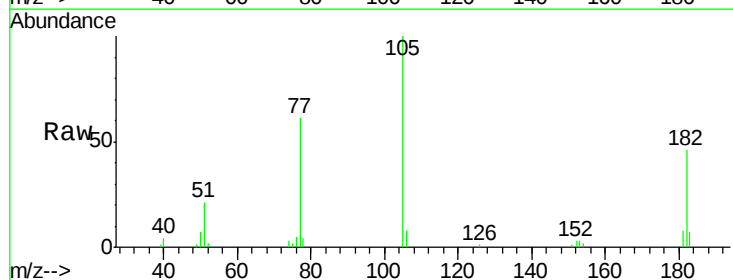
Ion Ratio Lower Upper

77 100

182 76.3 6.5 46.5#

105 164.4 3.8 43.8#

51 34.8 5.5 45.5

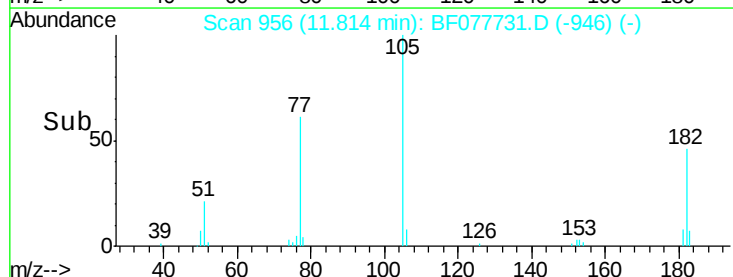
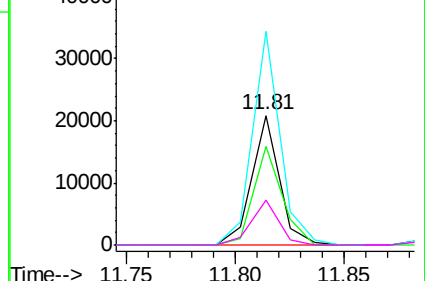


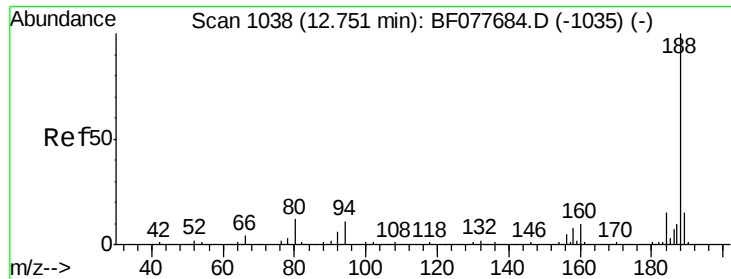
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

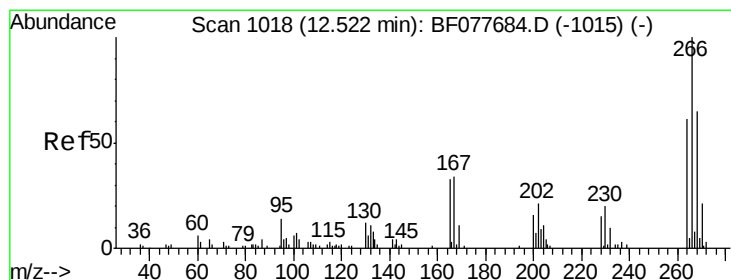
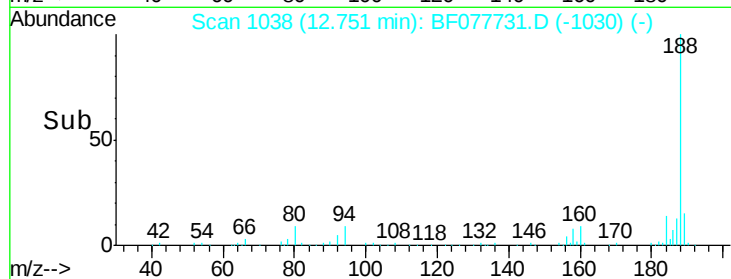
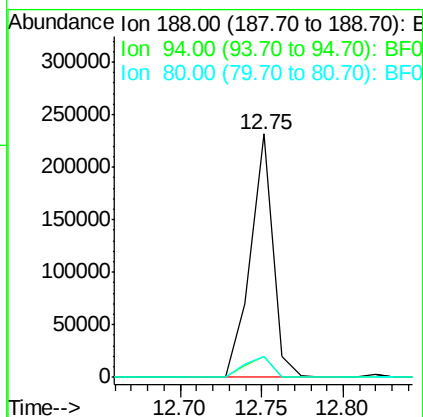
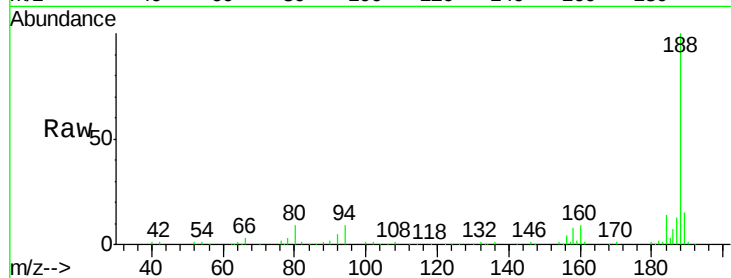




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.75 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF077731.D
Acq: 12 Mar 2015 17:29

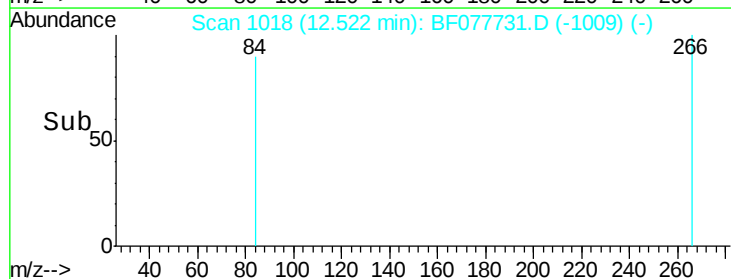
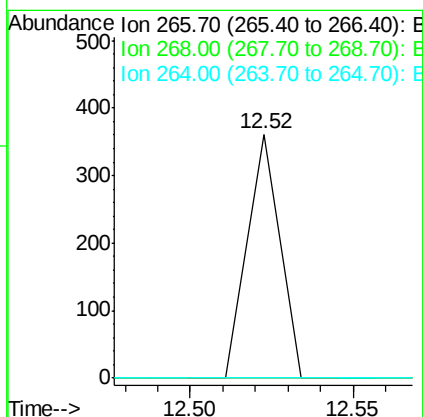
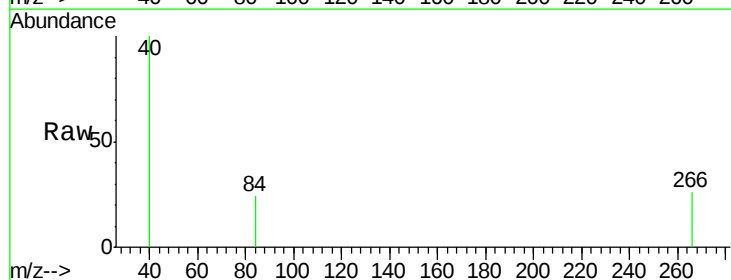
Instrument :
BNA_F
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Z2-0120

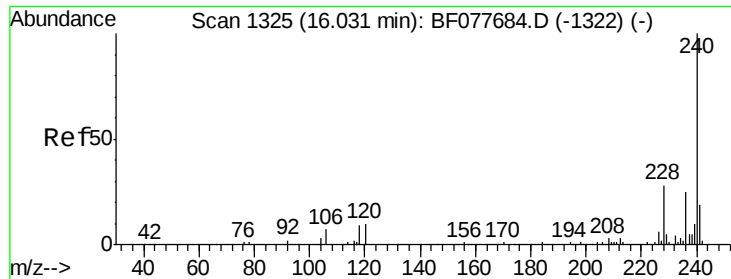
Tgt Ion:188 Resp: 222188
Ion Ratio Lower Upper
188 100
94 8.7 8.7 13.1#
80 8.8 9.3 13.9#



#69
Pentachlorophenol
Concen: 3.26 ng
RT: 12.52 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF077731.D
Acq: 12 Mar 2015 17:29

Tgt Ion:266 Resp: 248
Ion Ratio Lower Upper
266 100
268 0.0 52.0 78.0#
264 0.0 49.0 73.4#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.03 min Scan# 1325

Delta R.T. -0.14 min

Lab File: BF077731.D

Acq: 12 Mar 2015 17:29

Instrument :

BNA_F

ClientSampleId :

Z2-0120

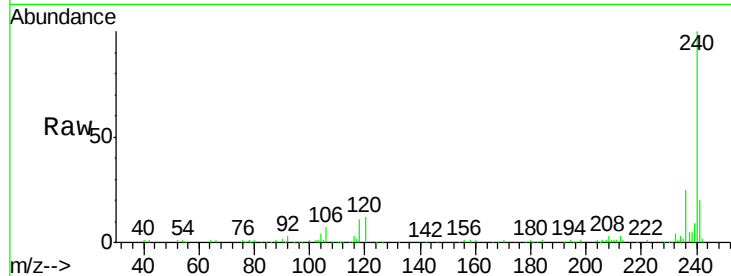
Tgt Ion: 240 Resp: 228741

Ion Ratio Lower Upper

240 100

120 11.7 8.2 12.2

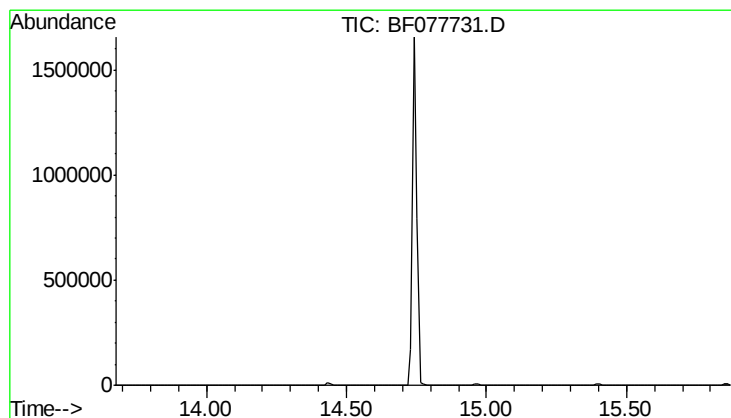
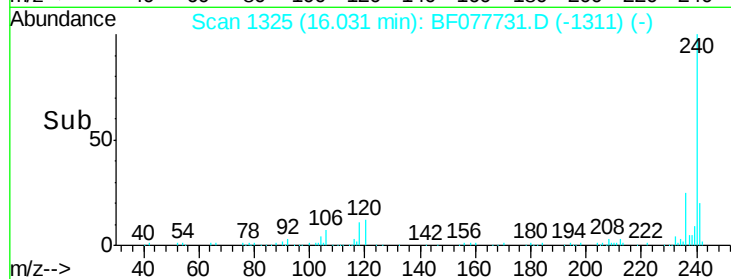
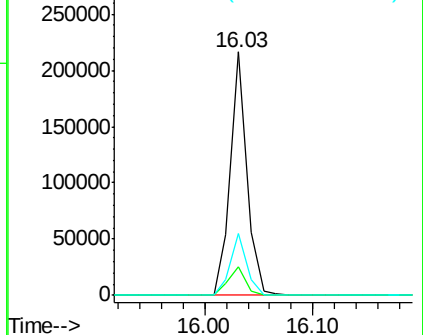
236 25.3 20.0 30.0



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: 0.00 ng

Expected RT: 14.77 min

Lab File: BF077731.D

Acq: 12 Mar 2015 17:29

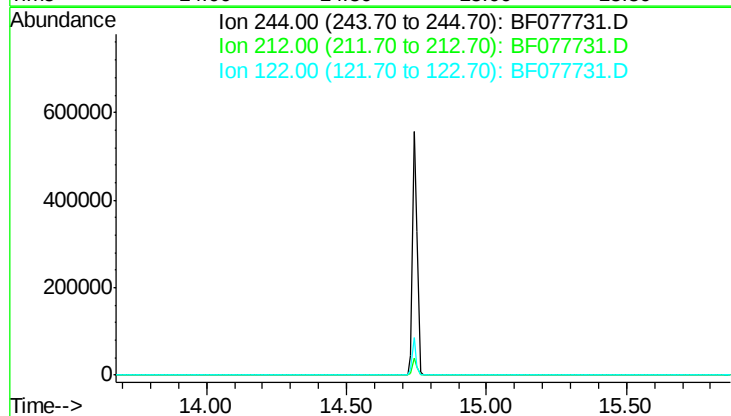
Tgt Ion: 244

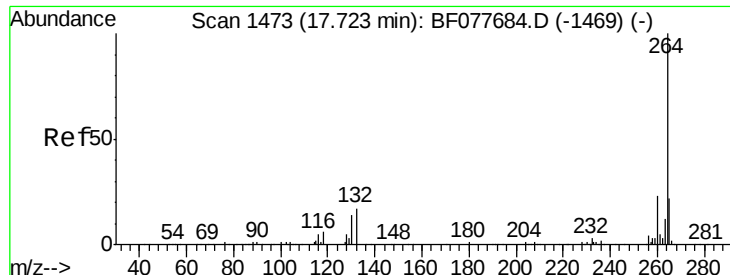
Sig Exp Ratio

244 100

212 6.1

122 7.8

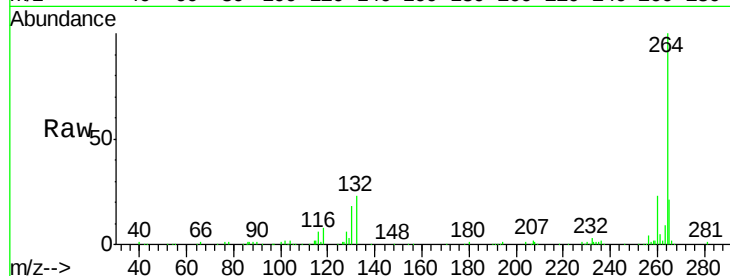




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.78 min Scan# 1478
Delta R.T. -0.41 min
Lab File: BF077731.D
Acq: 12 Mar 2015 17:29

Instrument :
BNA_F
ClientSampleId :
Z2-0120

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.6	27.8
265	21.3	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

