

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032015\
 Data File : BF077888.D
 Acq On : 21 Mar 2015 4:03
 Operator : TP/IZ
 Sample : G1575-07
 Misc : W
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RW-12V

Quant Time: Mar 21 06:41:03 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 21 04:23:04 2015
 Response via : Initial Calibration

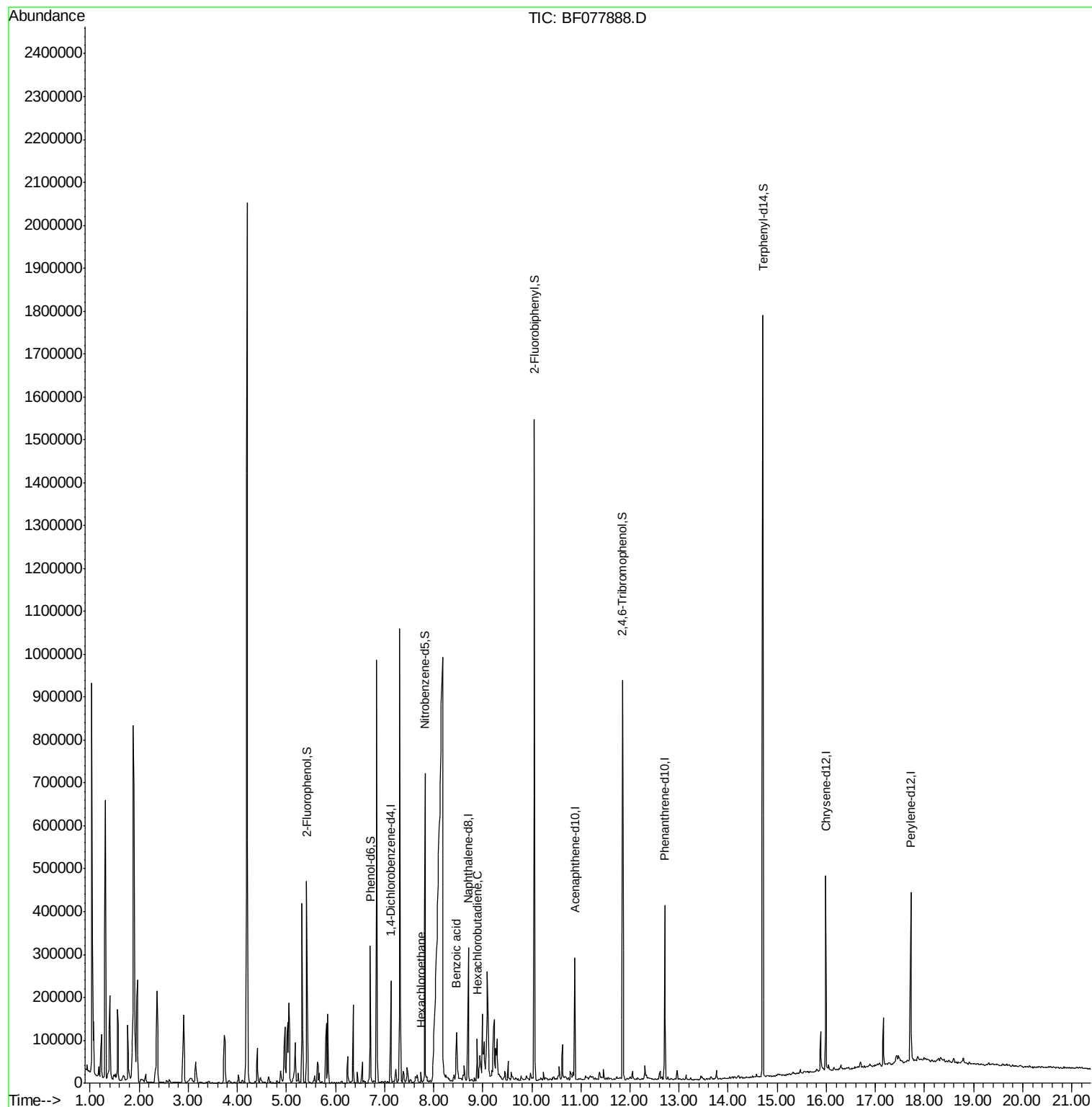
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.13	152	40759	20.00	ng	0.00
21) Naphthalene-d8	8.70	136	161789	20.00	ng	0.00
38) Acenaphthene-d10	10.88	164	79878	20.00	ng	0.00
63) Phenanthrene-d10	12.71	188	163372	20.00	ng	0.00
75) Chrysene-d12	15.99	240	175631	20.00	ng	0.00
86) Perylene-d12	17.72	264	178071	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	154893	66.33	ng	0.00
7) Phenol-d6	6.70	99	119060	41.27	ng	0.00
23) Nitrobenzene-d5	7.82	82	265129	107.42	ng	0.00
41) 2,4,6-Tribromophenol	11.85	330	108823	142.39	ng	0.00
44) 2-Fluorobiphenyl	10.05	172	545550	100.37	ng	0.00
78) Terphenyl-d14	14.71	244	621603	86.45	ng	0.00
Target Compounds						
18) Hexachloroethane	7.74	117	2961	2.81	ng	98
32) Benzoic acid	8.46	122	43863	34.11	ng	98
34) Hexachlorobutadiene	8.89	225	11375	7.93	ng	97

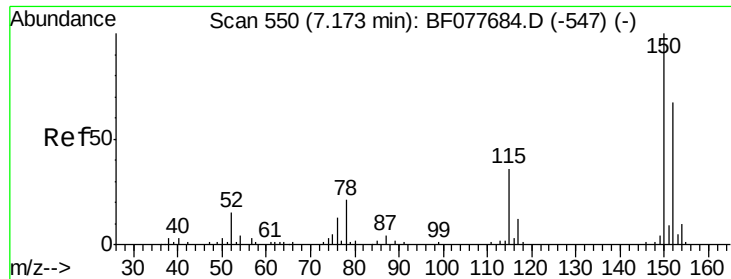
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032015\
Data File : BF077888.D
Acq On : 21 Mar 2015 4:03
Operator : TP/IZ
Sample : G1575-07
Misc : W
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW-12V

Quant Time: Mar 21 06:41:03 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 21 04:23:04 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.13 min Scan# 546

Delta R.T. -0.00 min

Lab File: BF077888.D

Acq: 21 Mar 2015 4:03

Instrument :

BNA_F

ClientSampleId :

RW-12V

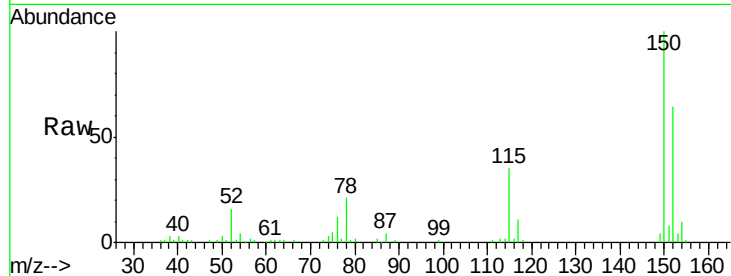
Tot Ion:152 Resp: 40759

Ion Ratio Lower Upper

152 100

150 155.8 119.5 179.3

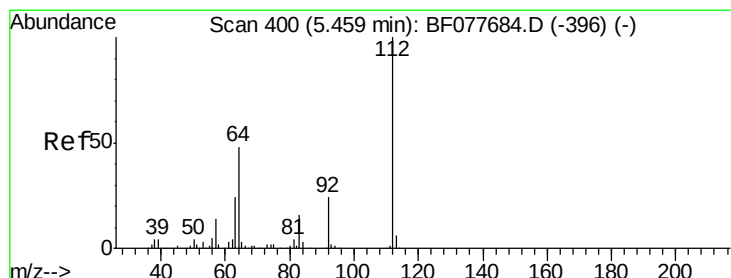
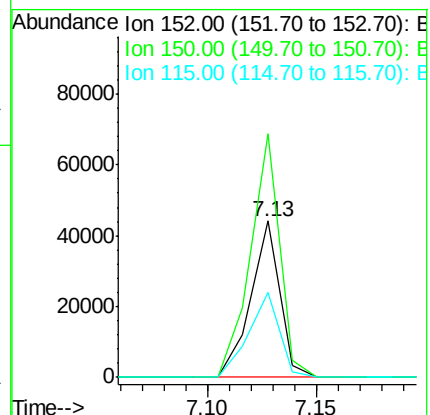
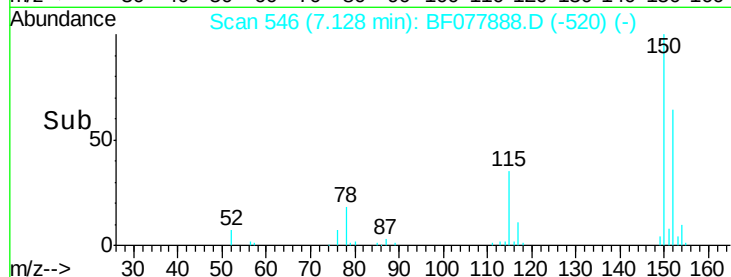
115 54.0 43.0 64.4



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: 66.33 ng

RT: 5.41 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF077888.D

Acq: 21 Mar 2015 4:03

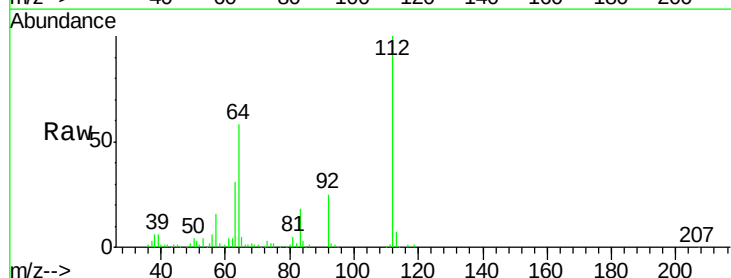
Tgt Ion:112 Resp: 154893

Ion Ratio Lower Upper

112 100

64 57.9 38.6 57.8#

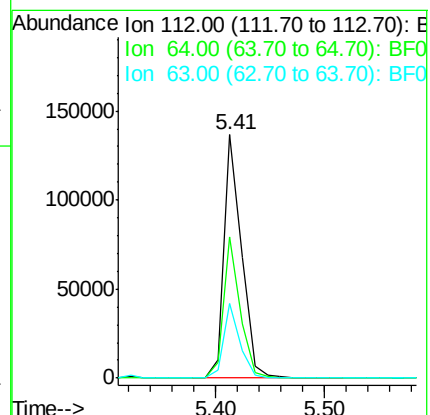
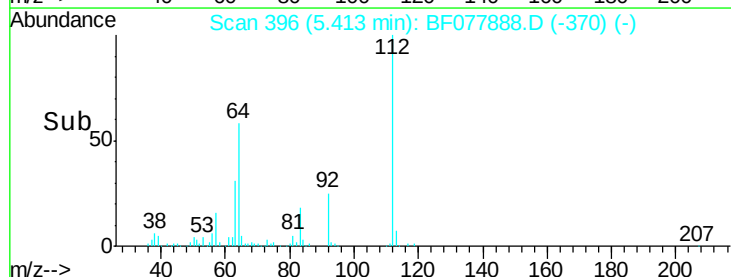
63 30.6 19.3 28.9#

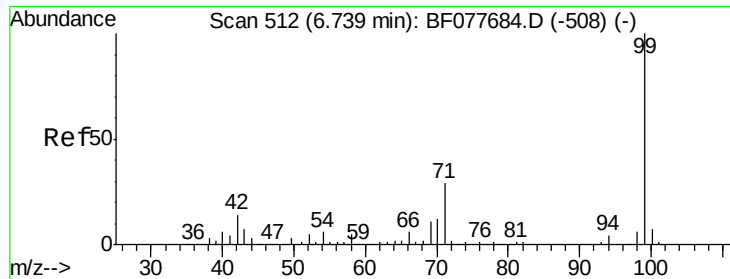


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 41.27 ng

RT: 6.70 min Scan# 509

Delta R.T. -0.00 min

Lab File: BF077888.D

Acq: 21 Mar 2015 4:03

Instrument :

BNA_F

ClientSampleId :

RW-12V

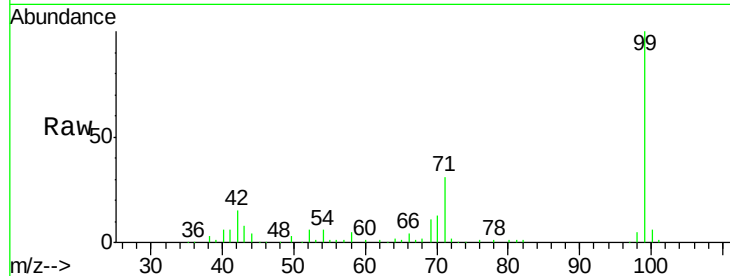
Tot Ion: 99 Resp: 119060

Ion Ratio Lower Upper

99 100

42 15.2 11.0 16.4

71 31.0 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF077684.D (-508) (-)

Ion 42.00 (41.70 to 42.70): BF077684.D (-508) (-)

Ion 71.00 (70.70 to 71.70): BF077684.D (-508) (-)

6.70

150000

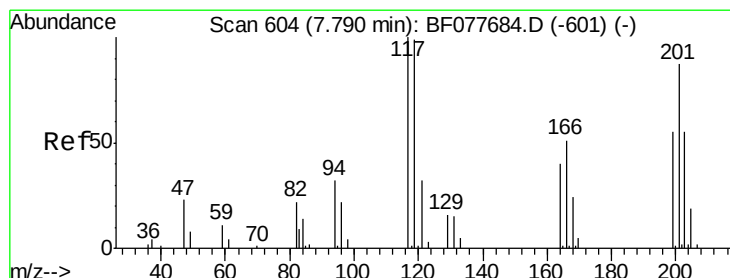
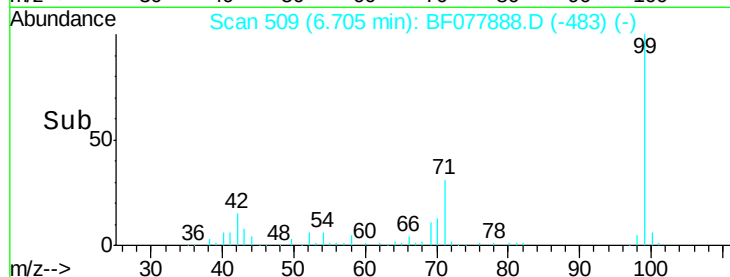
100000

50000

0

6.65 6.70 6.75

Time-->



#18

Hexachloroethane

Concen: 2.81 ng

RT: 7.74 min Scan# 600

Delta R.T. -0.00 min

Lab File: BF077888.D

Acq: 21 Mar 2015 4:03

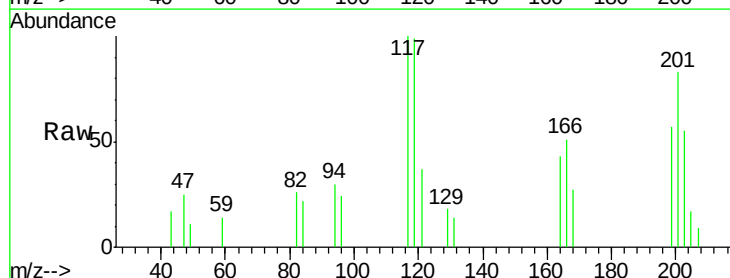
Tgt Ion: 117 Resp: 2961

Ion Ratio Lower Upper

117 100

119 98.7 79.2 118.8

201 83.4 69.8 104.6



Abundance Ion 117.00 (116.70 to 117.70): BF077684.D (-601) (-)

Ion 119.00 (118.70 to 119.70): BF077684.D (-601) (-)

Ion 201.00 (200.70 to 201.70): BF077684.D (-601) (-)

7.74

4000

3000

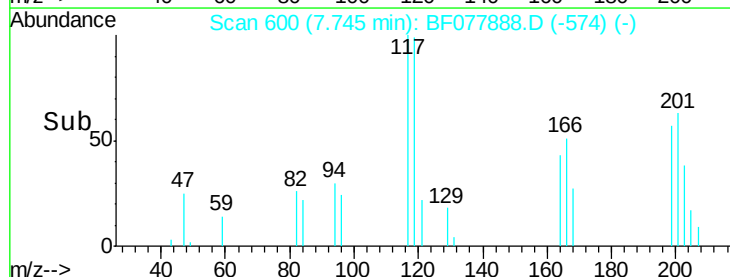
2000

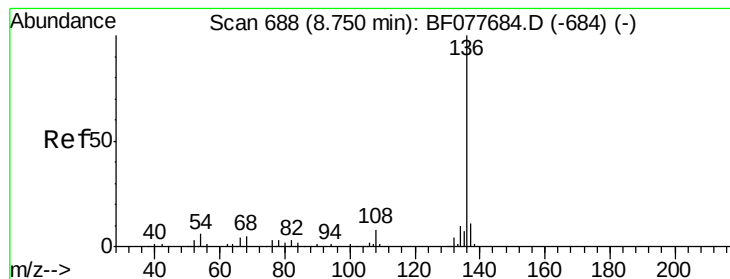
1000

0

7.70 7.75 7.80

Time-->





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.70 min Scan# 684

Delta R.T. -0.00 min

Lab File: BF077888.D

Acq: 21 Mar 2015 4:03

Instrument :

BNA_F

ClientSampleId :

RW-12V

Tot Ion:136 Resp: 161789

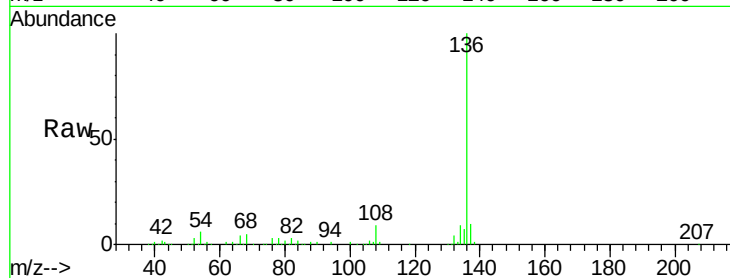
Ion Ratio Lower Upper

136 100

137 10.3 8.7 13.1

54 6.0 4.6 6.8

68 4.5 3.7 5.5

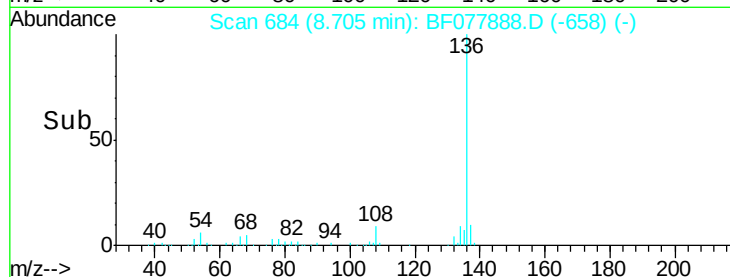


Abundance Ion 136.00 (135.70 to 136.70): E

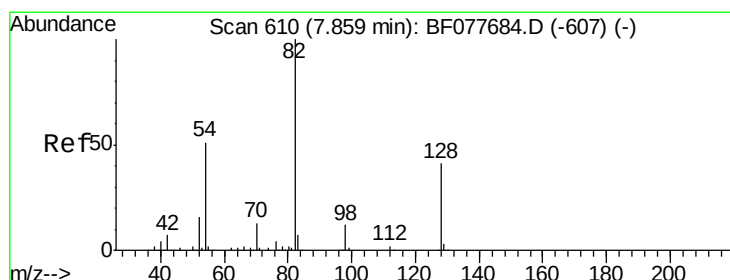
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 107.42 ng

RT: 7.82 min Scan# 607

Delta R.T. -0.00 min

Lab File: BF077888.D

Acq: 21 Mar 2015 4:03

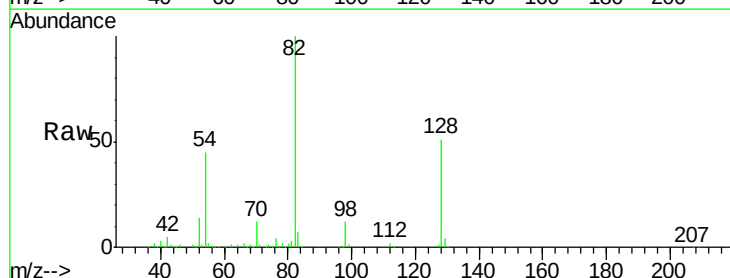
Tgt Ion: 82 Resp: 265129

Ion Ratio Lower Upper

82 100

128 51.2 32.8 49.2#

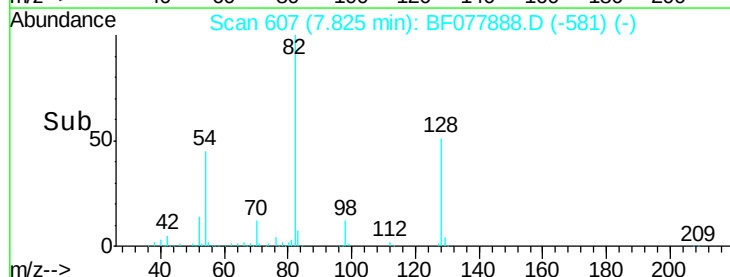
54 44.6 40.6 60.8



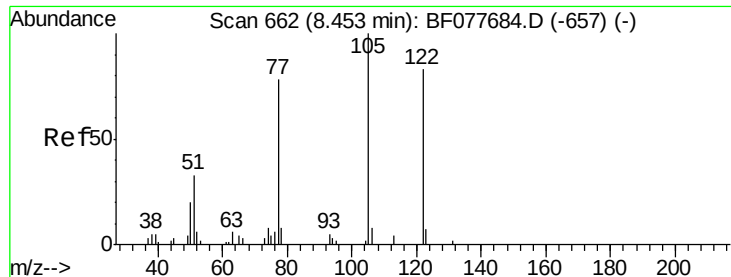
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



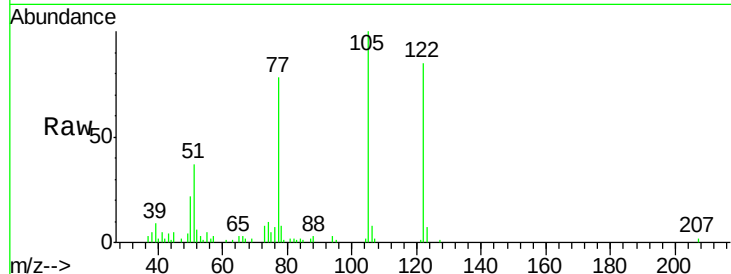
Time-->



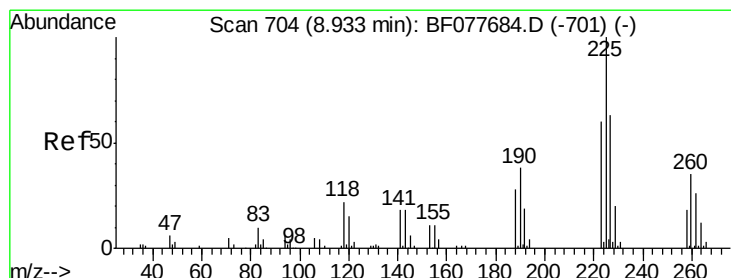
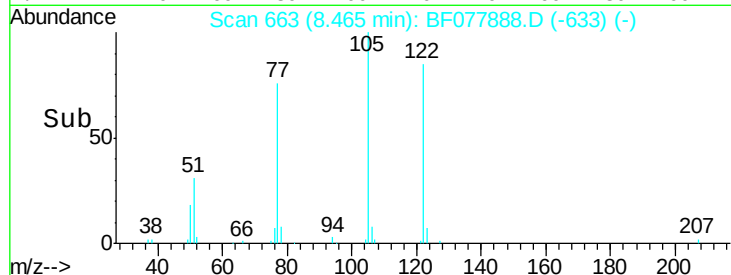
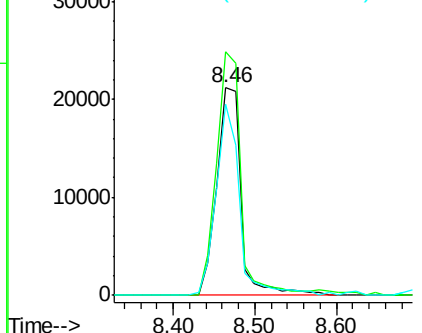
#32
Benzoic acid
Concen: 34.11 ng
RT: 8.46 min Scan# 663
Delta R.T. 0.05 min
Lab File: BF077888.D
Acq: 21 Mar 2015 4:03

Instrument :
BNA_F
ClientSampleId :
RW-12V

Tot Ion:122 Resp: 43863
Ion Ratio Lower Upper
122 100
105 117.5 99.9 139.9
77 91.9 73.7 113.7

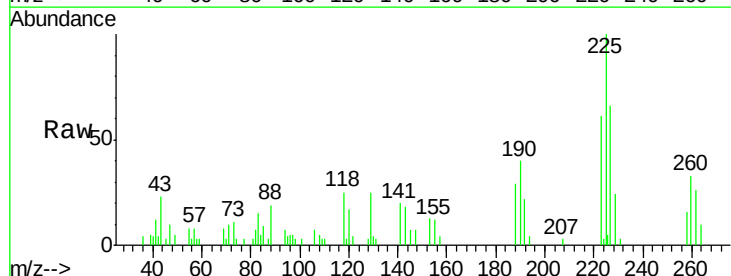


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

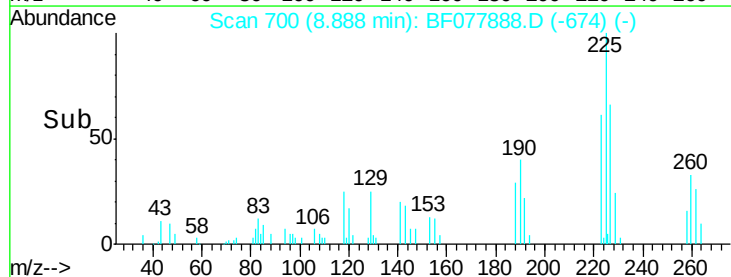
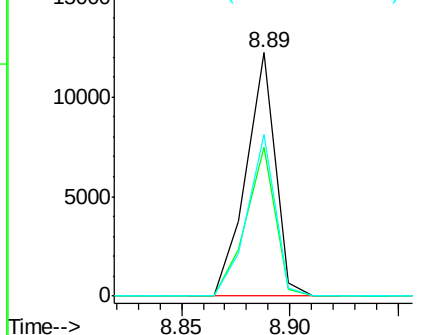


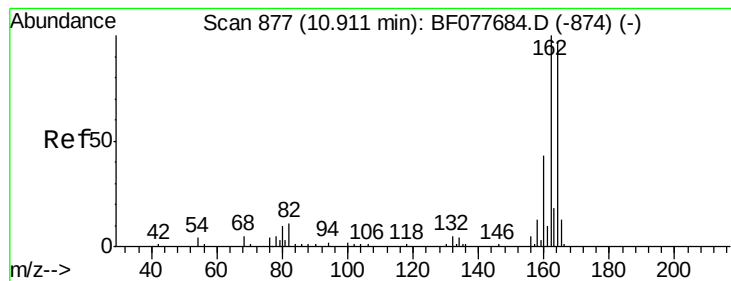
#34
Hexachlorobutadiene
Concen: 7.93 ng
RT: 8.89 min Scan# 700
Delta R.T. -0.00 min
Lab File: BF077888.D
Acq: 21 Mar 2015 4:03

Tgt Ion:225 Resp: 11375
Ion Ratio Lower Upper
225 100
223 61.2 47.9 71.9
227 66.3 50.1 75.1



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.88 min Scan# 874

Delta R.T. -0.00 min

Lab File: BF077888.D

Acq: 21 Mar 2015 4:03

Instrument :

BNA_F

ClientSampleId :

RW-12V

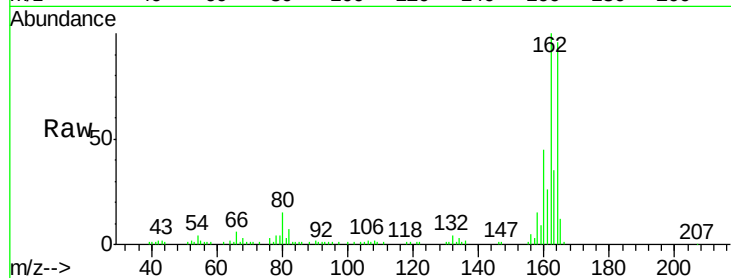
Tot Ion:164 Resp: 79878

Ion Ratio Lower Upper

164 100

162 104.4 82.4 123.6

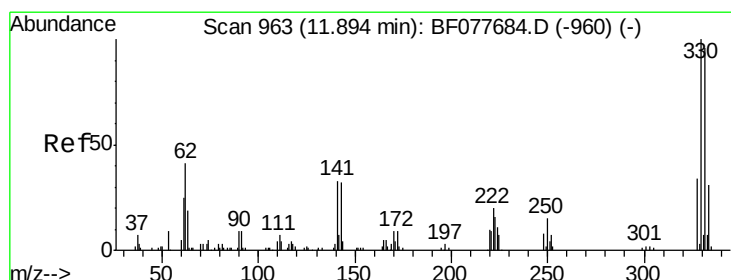
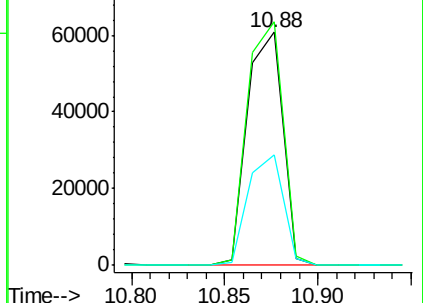
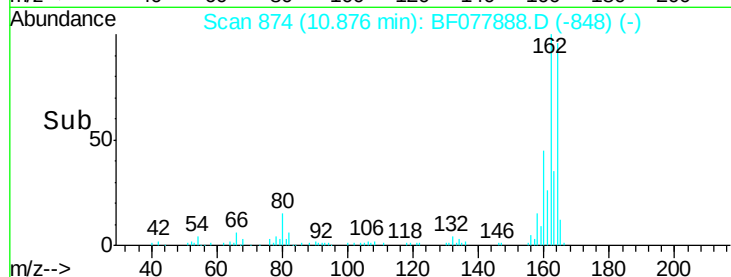
160 47.2 35.8 53.6



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: 142.39 ng

RT: 11.85 min Scan# 959

Delta R.T. -0.00 min

Lab File: BF077888.D

Acq: 21 Mar 2015 4:03

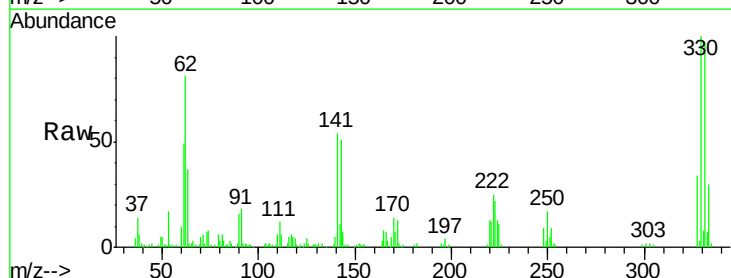
Tgt Ion:330 Resp: 108823

Ion Ratio Lower Upper

330 100

332 97.2 0.0 0.0#

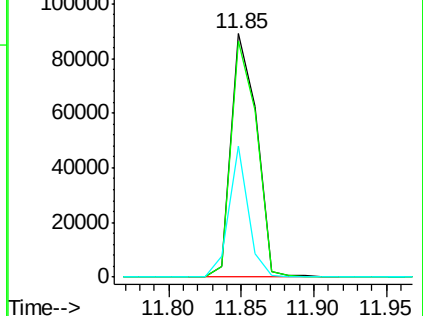
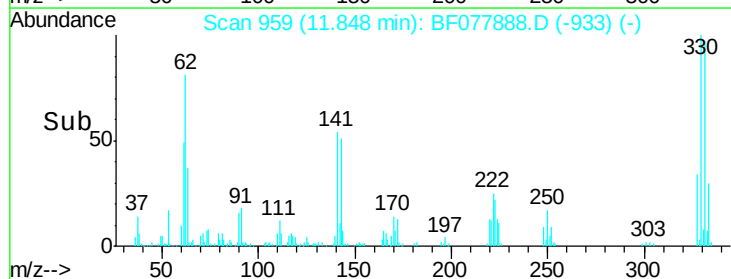
141 40.9 0.0 0.0#

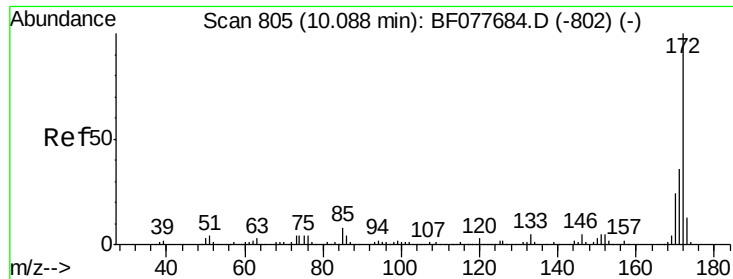


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

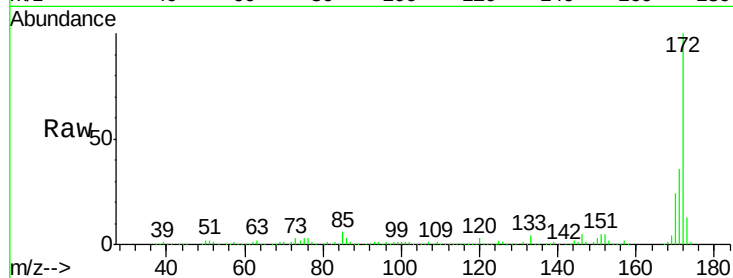




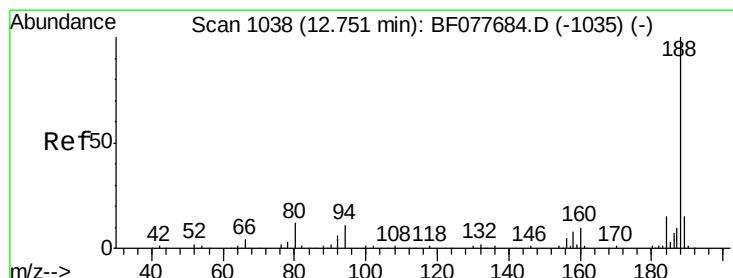
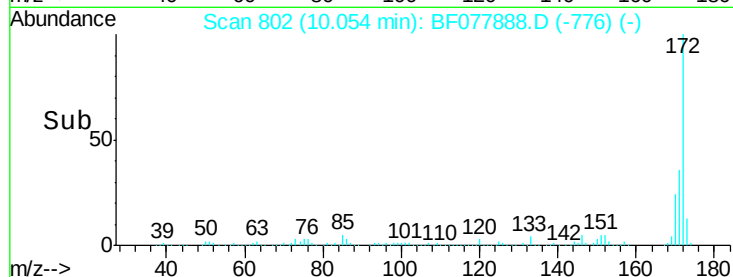
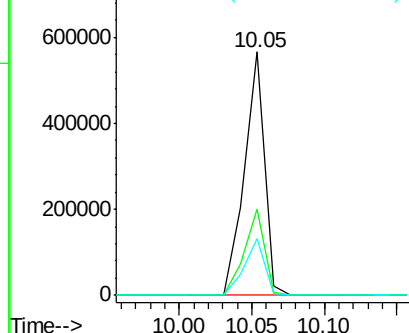
#44
2-Fluorobiphenyl
Concen: 100.37 ng
RT: 10.05 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF077888.D
Acq: 21 Mar 2015 4:03

Instrument :
BNA_F
ClientSampleId :
RW-12V

Tot Ion:172 Resp: 545550
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 23.6 18.8 28.2

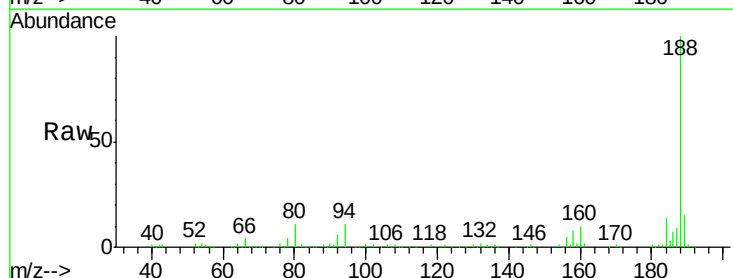


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

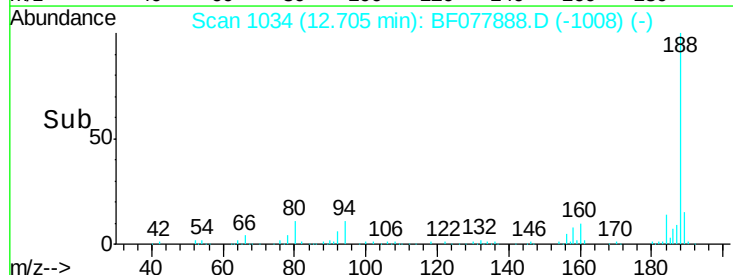
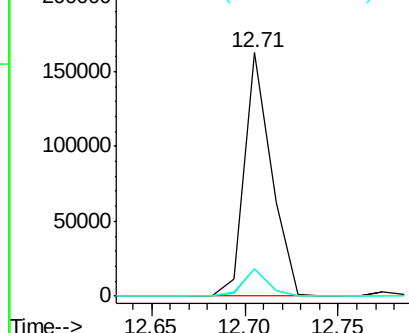


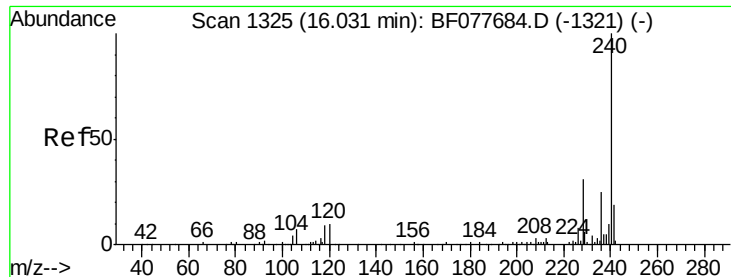
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.71 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF077888.D
Acq: 21 Mar 2015 4:03

Tgt Ion:188 Resp: 163372
Ion Ratio Lower Upper
188 100
94 11.3 8.7 13.1
80 11.3 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: 15.99 min Scan# 1321

Delta R.T. -0.00 min

Lab File: BF077888.D

Acq: 21 Mar 2015 4:03

Instrument :

BNA_F

ClientSampleId :

RW-12V

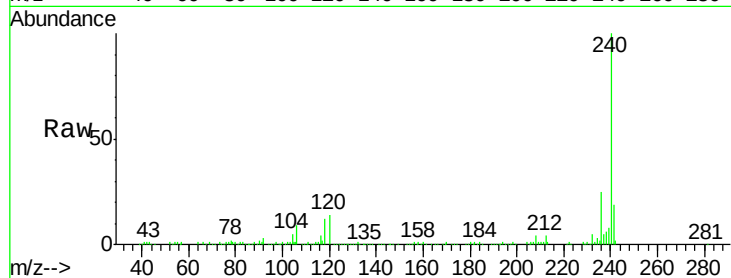
Tot Ion:240 Resp: 175631

Ion Ratio Lower Upper

240 100

120 13.5 8.2 12.2#

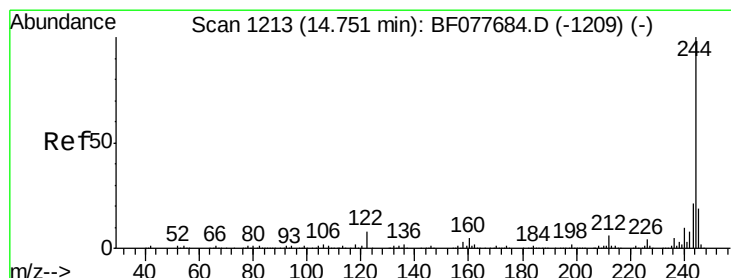
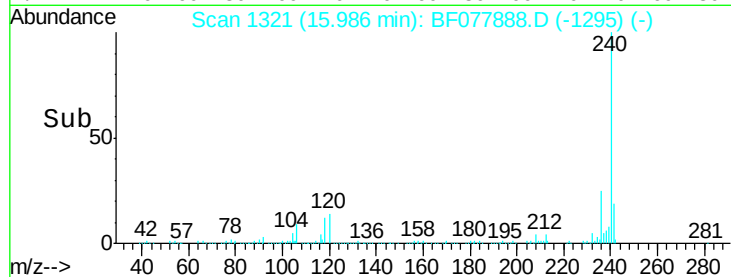
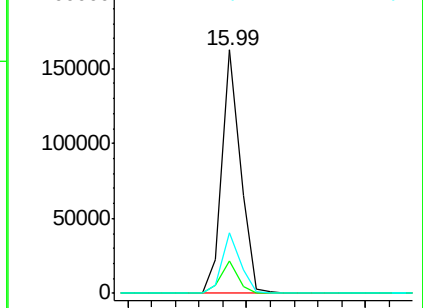
236 25.1 20.0 30.0



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: 86.45 ng

RT: 14.71 min Scan# 1209

Delta R.T. -0.00 min

Lab File: BF077888.D

Acq: 21 Mar 2015 4:03

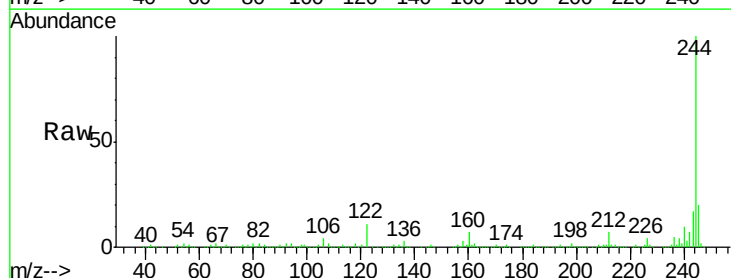
Tgt Ion:244 Resp: 621603

Ion Ratio Lower Upper

244 100

212 6.7 4.9 7.3

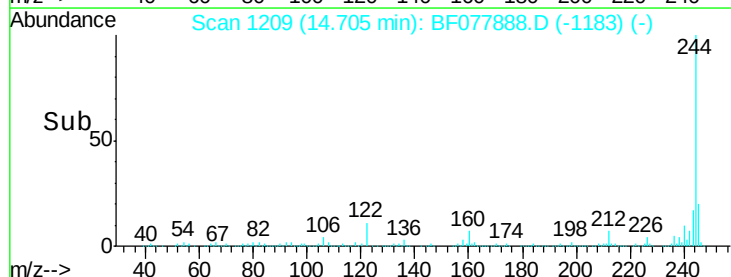
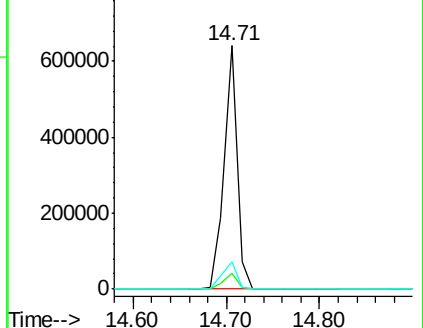
122 11.0 6.2 9.4#

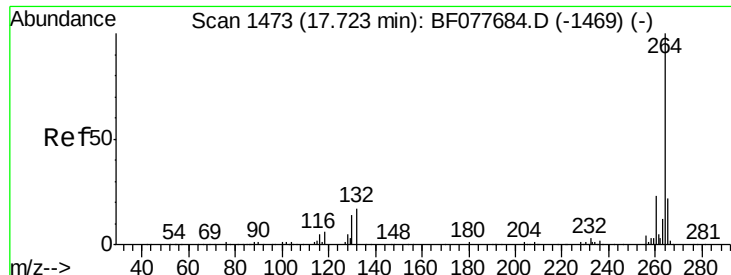


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



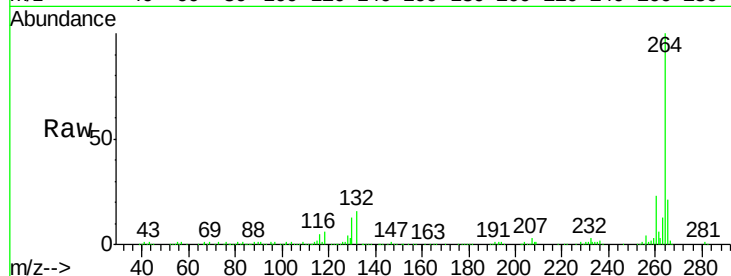


#86
Pervlene-d12
Concen: 20.00 ng
RT: 17.72 min Scan# 1473
Delta R.T. 0.02 min
Lab File: BF077888.D
Acq: 21 Mar 2015 4:03

Instrument :
BNA_F
ClientSampleId :
RW-12V

Tot Ion: 264 Resp: 178071

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.6	27.8
265	20.7	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

