

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032015\
 Data File : BF077886.D
 Acq On : 21 Mar 2015 3:06
 Operator : TP/IZ
 Sample : G1575-04
 Misc : W
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RW-10V

Quant Time: Mar 21 06:10:56 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

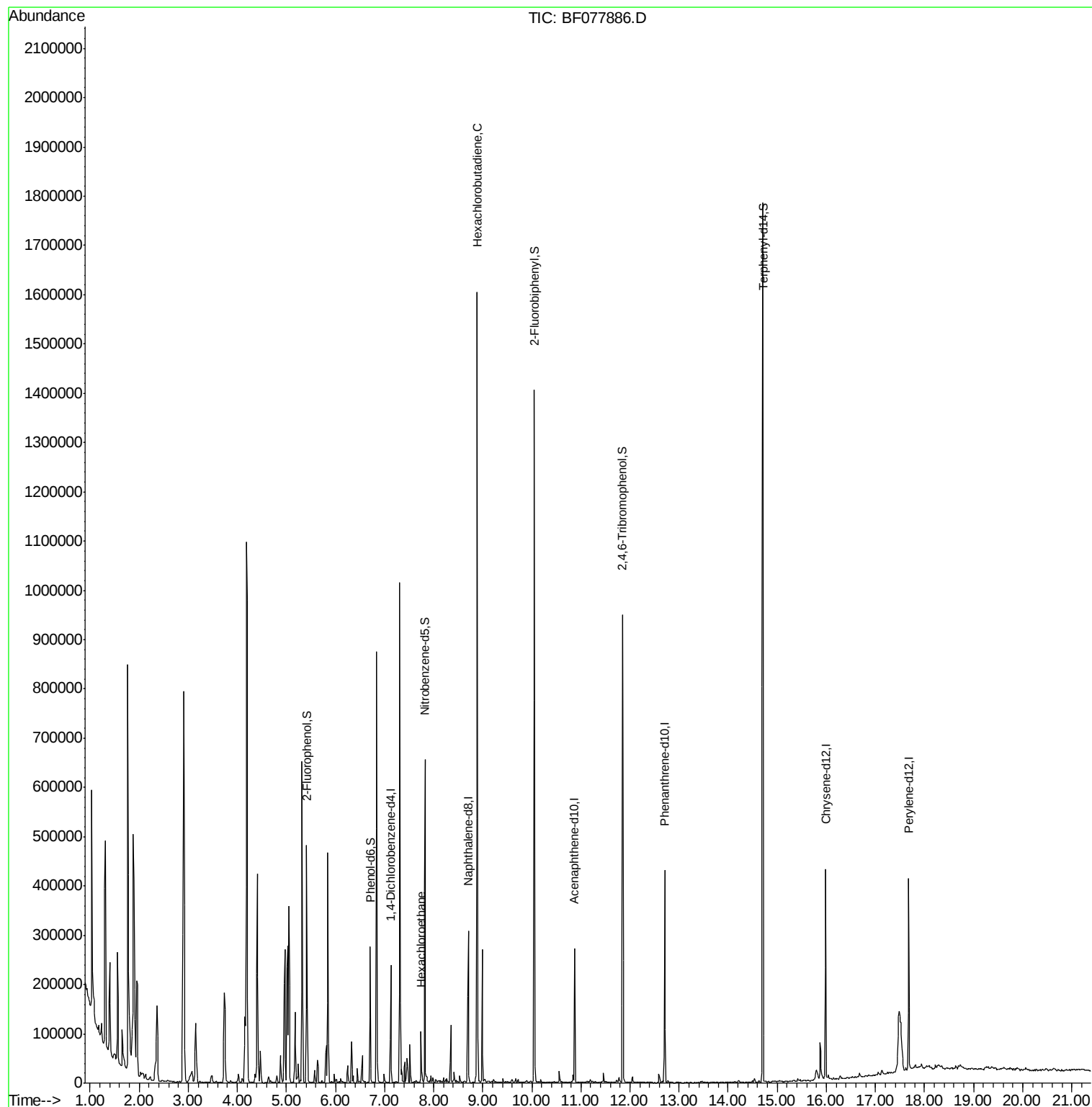
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.13	152	39747	20.00	ng	0.00
21) Naphthalene-d8	8.70	136	163842	20.00	ng	0.00
38) Acenaphthene-d10	10.87	164	82353	20.00	ng	-0.01
63) Phenanthrene-d10	12.71	188	169249	20.00	ng	0.00
75) Chrysene-d12	15.99	240	182840	20.00	ng	0.00
86) Perylene-d12	17.68	264	169206	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	153103	67.24	ng	0.00
7) Phenol-d6	6.70	99	119748	42.56	ng	0.00
23) Nitrobenzene-d5	7.82	82	253817	101.55	ng	0.00
41) 2,4,6-Tribromophenol	11.85	330	110731	140.53	ng	0.00
44) 2-Fluorobiphenyl	10.05	172	541367	96.61	ng	0.00
78) Terphenyl-d14	14.71	244	660920	88.30	ng	0.00
Target Compounds						Qvalue
18) Hexachloroethane	7.74	117	11423	11.12	ng	97
34) Hexachlorobutadiene	8.89	225	202503	139.49	ng	97

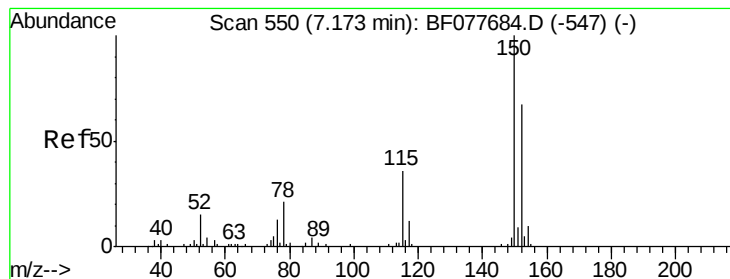
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032015\
Data File : BF077886.D
Acq On : 21 Mar 2015 3:06
Operator : TP/IZ
Sample : G1575-04
Misc : W
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW-10V

Quant Time: Mar 21 06:10:56 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

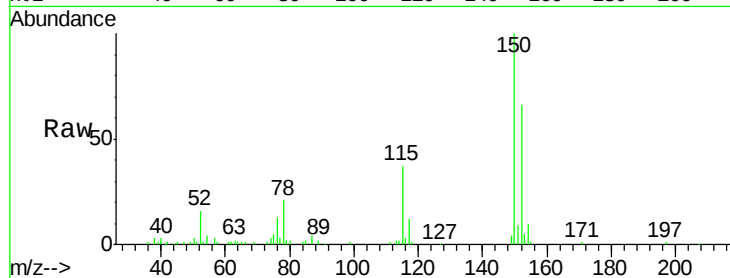




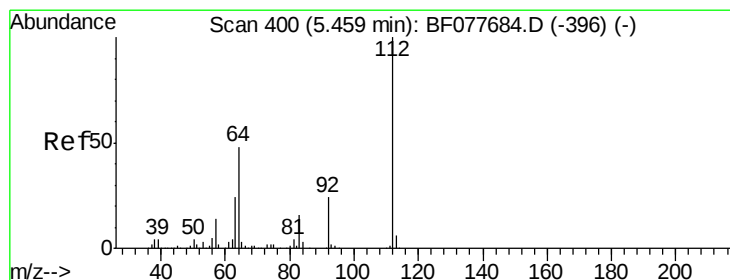
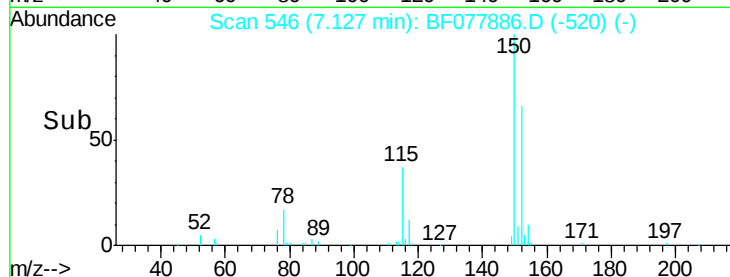
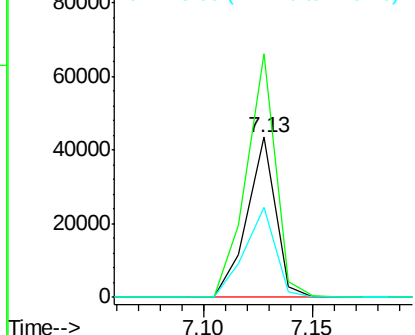
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.13 min Scan# 546
 Delta R.T. -0.00 min
 Lab File: BF077886.D
 Acq: 21 Mar 2015 3:06

Instrument :
 BNA_F
 ClientSampleId :
 RW-10V

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.2	119.5	179.3
115	56.3	43.0	64.4

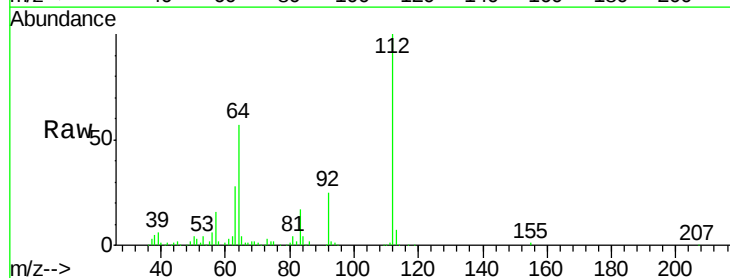


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

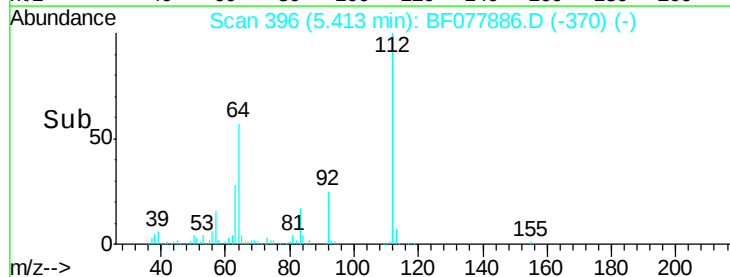
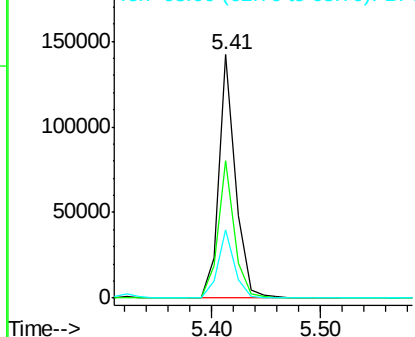


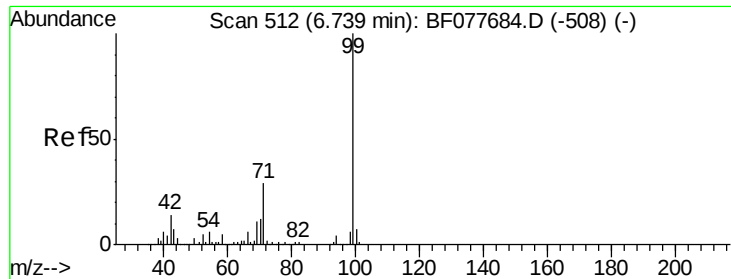
#5
 2-Fluorophenol
 Concen: 67.24 ng
 RT: 5.41 min Scan# 396
 Delta R.T. -0.00 min
 Lab File: BF077886.D
 Acq: 21 Mar 2015 3:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.6	38.6	57.8
63	28.2	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: 42.56 ng

RT: 6.70 min Scan# 509

Delta R.T. -0.00 min

Lab File: BF077886.D

Acq: 21 Mar 2015 3:06

Instrument :

BNA_F

ClientSampled :

RW-10V

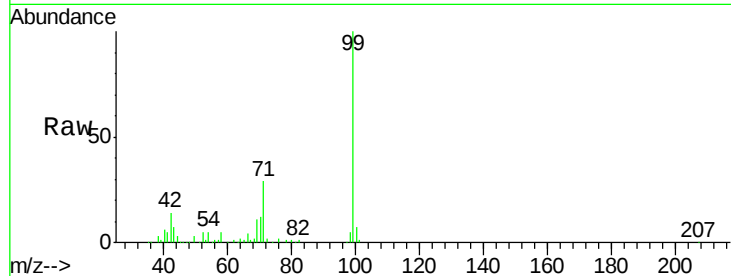
Tot Ion: 99 Resp: 119748

Ion Ratio Lower Upper

99 100

42 14.2 11.0 16.4

71 29.2 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) (-)

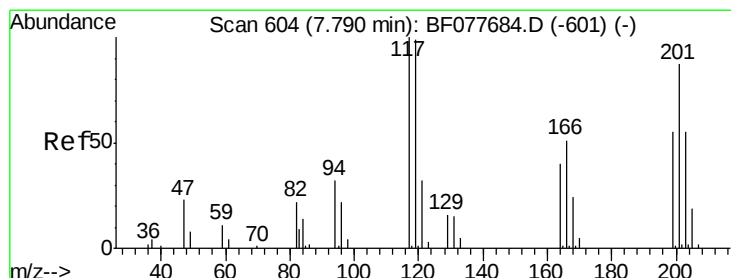
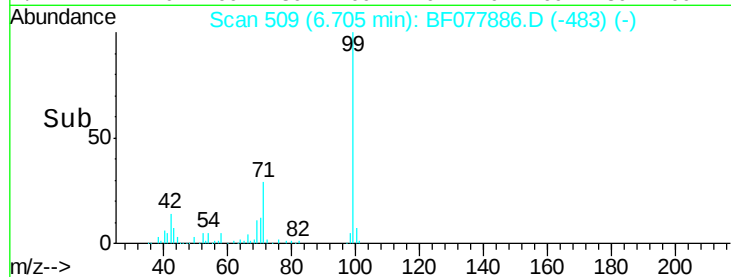
6.70

100000

50000

0

Time-->



#18

Hexachloroethane

Concen: 11.12 ng

RT: 7.74 min Scan# 600

Delta R.T. -0.00 min

Lab File: BF077886.D

Acq: 21 Mar 2015 3:06

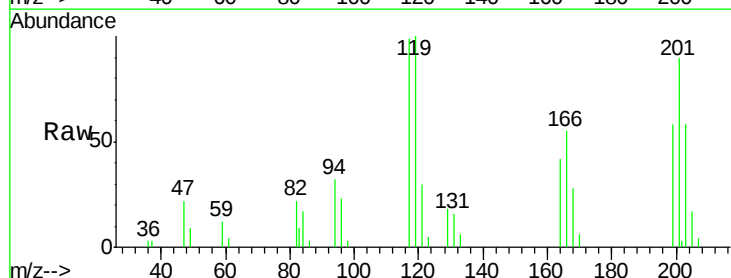
Tgt Ion: 117 Resp: 11423

Ion Ratio Lower Upper

117 100

119 101.4 79.2 118.8

201 91.0 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

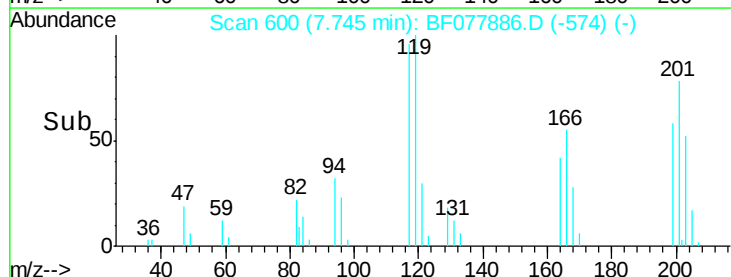
15000

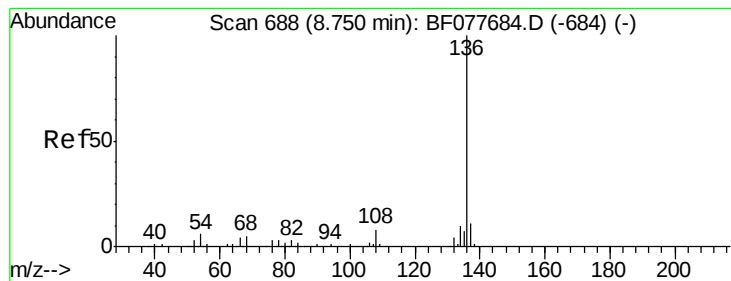
10000

5000

0

Time-->





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.70 min Scan# 684

Delta R.T. -0.00 min

Lab File: BF077886.D

Acq: 21 Mar 2015 3:06

Instrument :

BNA_F

ClientSampleId :

RW-10V

Tot Ion:136 Resp: 163842

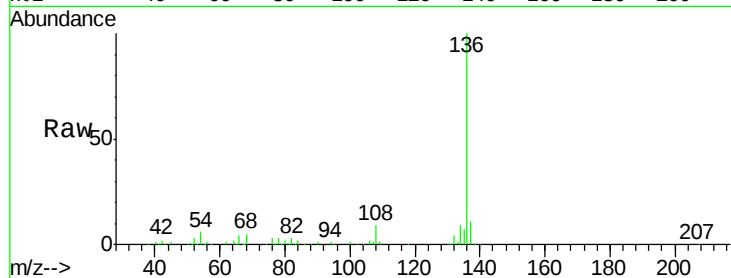
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 6.0 4.6 6.8

68 5.0 3.7 5.5

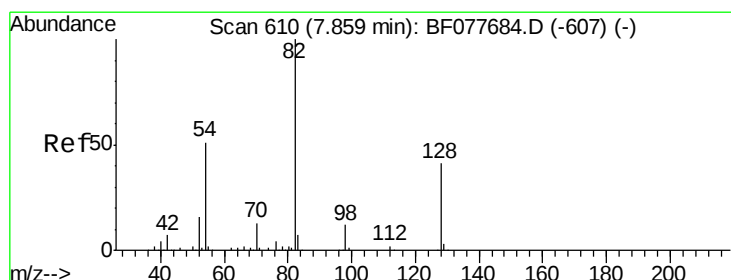
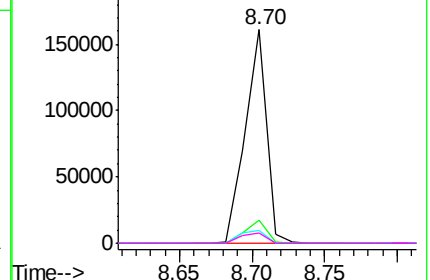
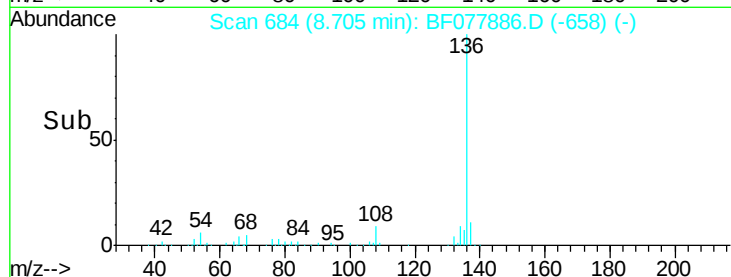


Abundance Ion 136.00 (135.70 to 136.70): E

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: 101.55 ng

RT: 7.82 min Scan# 607

Delta R.T. -0.00 min

Lab File: BF077886.D

Acq: 21 Mar 2015 3:06

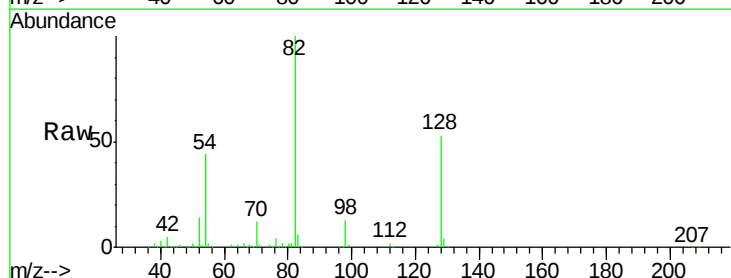
Tgt Ion: 82 Resp: 253817

Ion Ratio Lower Upper

82 100

128 52.7 32.8 49.2#

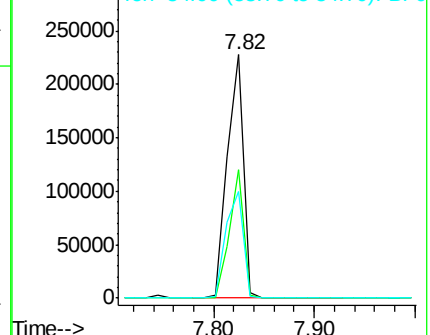
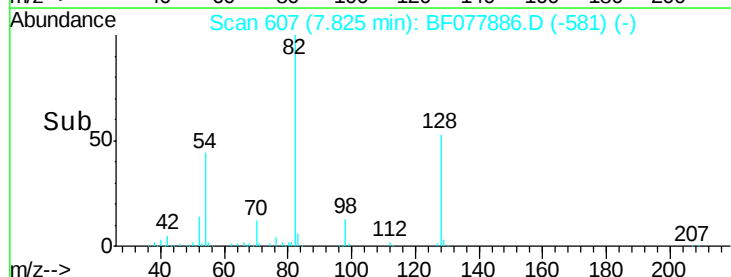
54 44.0 40.6 60.8

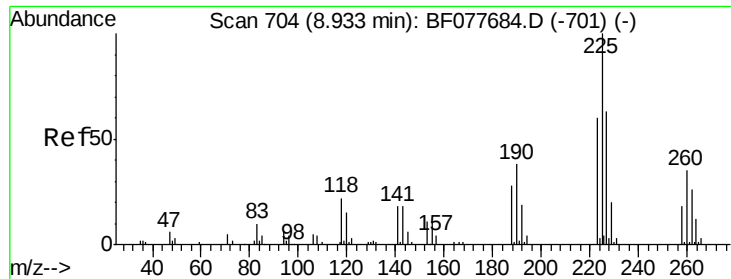


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

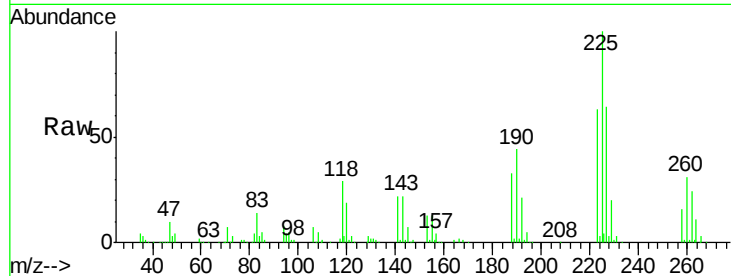




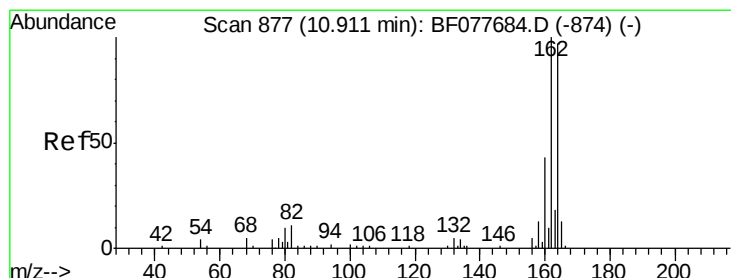
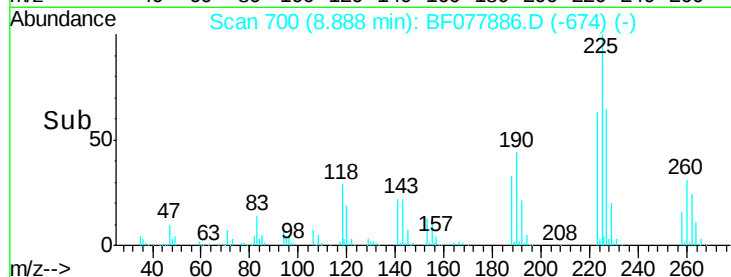
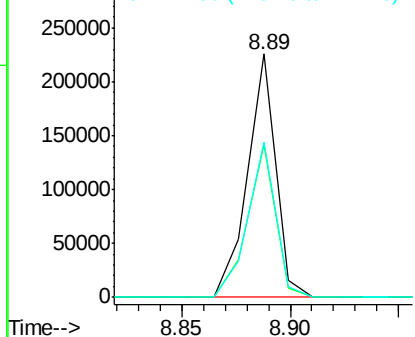
#34
Hexachlorobutadiene
Concen: 139.49 ng
RT: 8.89 min Scan# 700
Delta R.T. -0.00 min
Lab File: BF077886.D
Acq: 21 Mar 2015 3:06

Instrument :
BNA_F
ClientSampleId :
RW-10V

Tot Ion:225 Resp: 202503
Ion Ratio Lower Upper
225 100
223 62.9 47.9 71.9
227 63.9 50.1 75.1

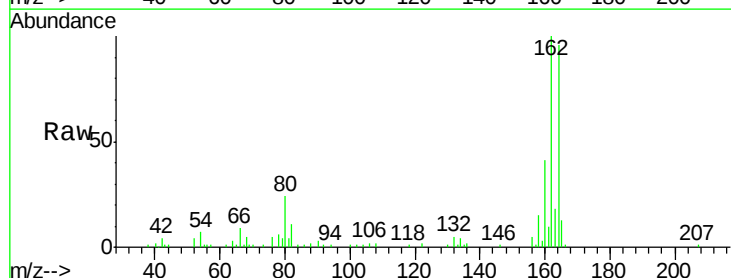


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

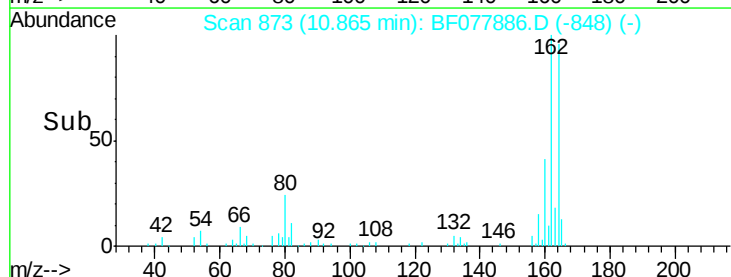
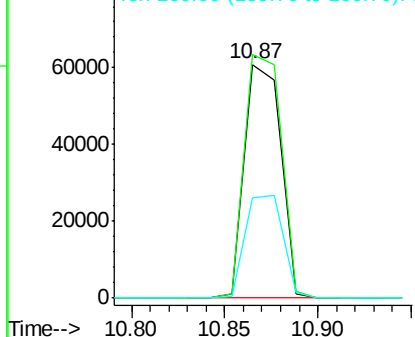


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.87 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF077886.D
Acq: 21 Mar 2015 3:06

Tgt Ion:164 Resp: 82353
Ion Ratio Lower Upper
164 100
162 104.2 82.4 123.6
160 43.0 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

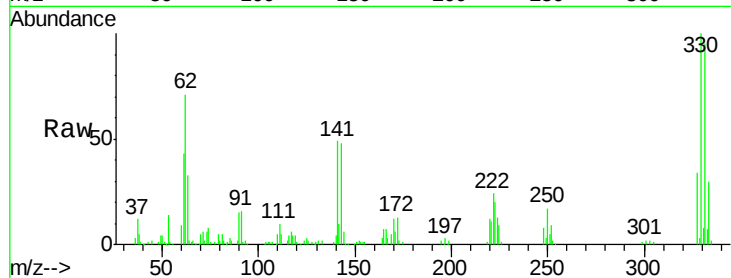




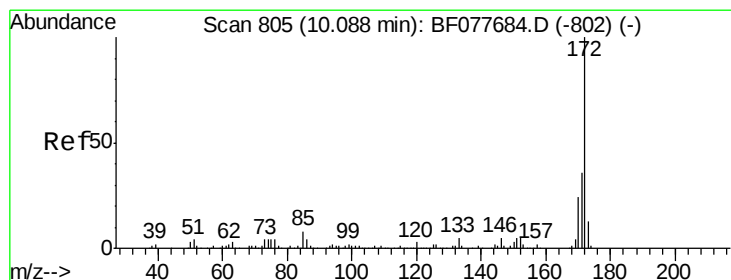
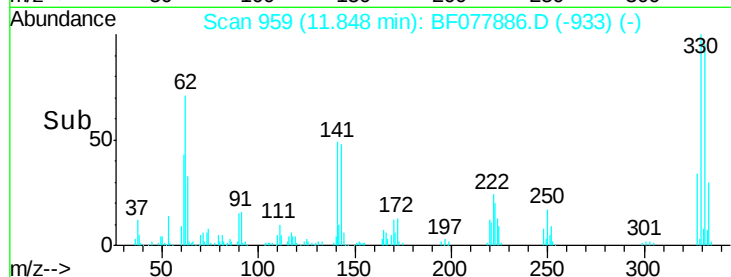
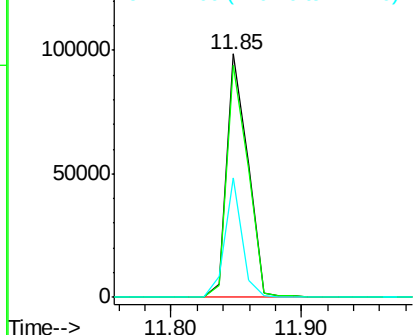
#41
 2,4,6-Tribromophenol
 Concen: 140.53 ng
 RT: 11.85 min Scan# 959
 Delta R.T. -0.00 min
 Lab File: BF077886.D
 Acq: 21 Mar 2015 3:06

Instrument :
 BNA_F
 ClientSampleId :
 RW-10V

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	0.0	0.0#
141	40.3	0.0	0.0#

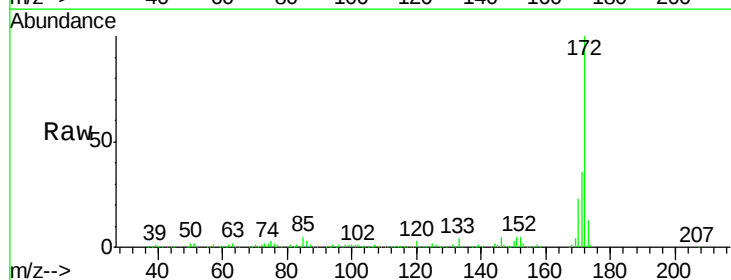


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

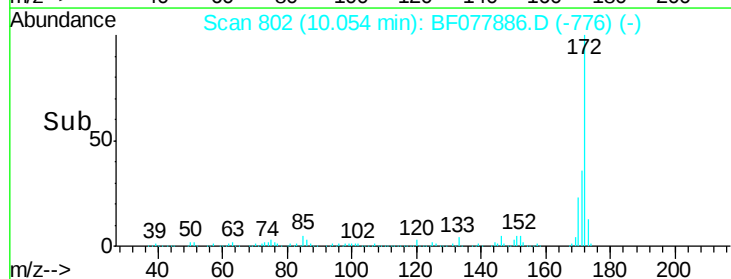
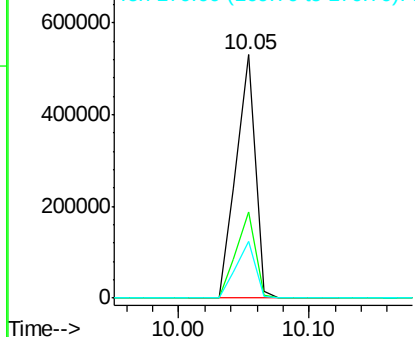


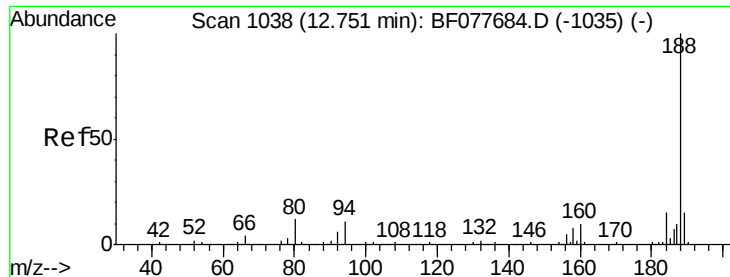
#44
 2-Fluorobiphenyl
 Concen: 96.61 ng
 RT: 10.05 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF077886.D
 Acq: 21 Mar 2015 3:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.5	42.7
170	23.2	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

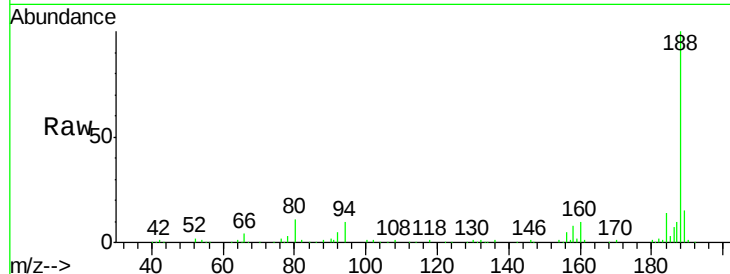




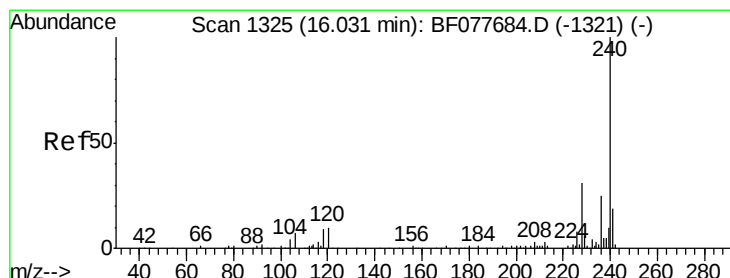
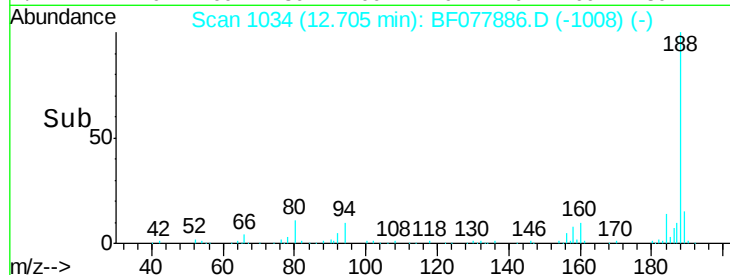
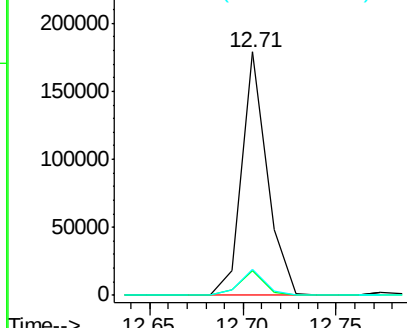
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.71 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF077886.D
Acq: 21 Mar 2015 3:06

Instrument :
BNA_F
ClientSampleId :
RW-10V

Tot Ion:188 Resp: 169249
Ion Ratio Lower Upper
188 100
94 10.0 8.7 13.1
80 10.7 9.3 13.9

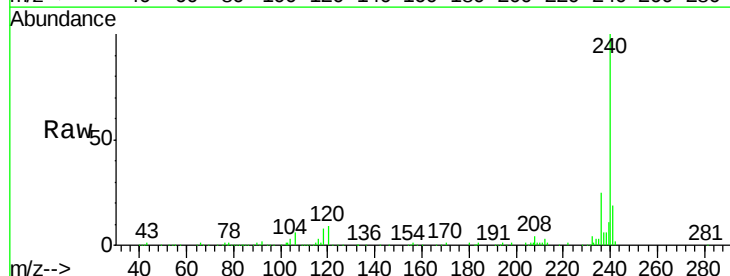


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

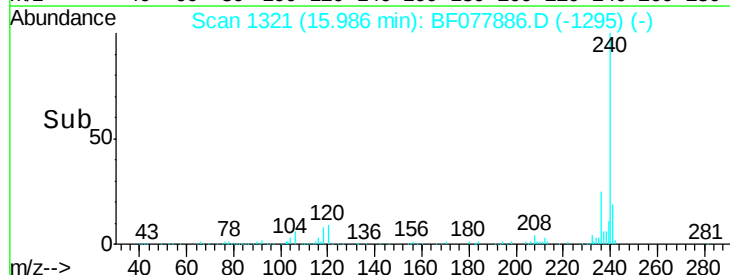
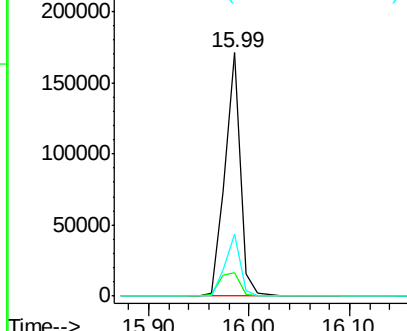


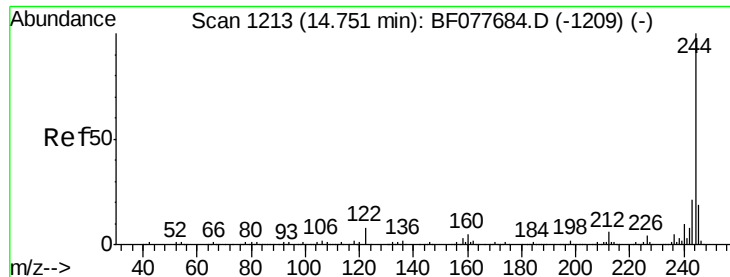
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.99 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BF077886.D
Acq: 21 Mar 2015 3:06

Tgt Ion:240 Resp: 182840
Ion Ratio Lower Upper
240 100
120 9.4 8.2 12.2
236 25.4 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: 88.30 ng

RT: 14.71 min Scan# 1209

Delta R.T. -0.00 min

Lab File: BF077886.D

Acq: 21 Mar 2015 3:06

Instrument :

BNA_F

ClientSampleId :

RW-10V

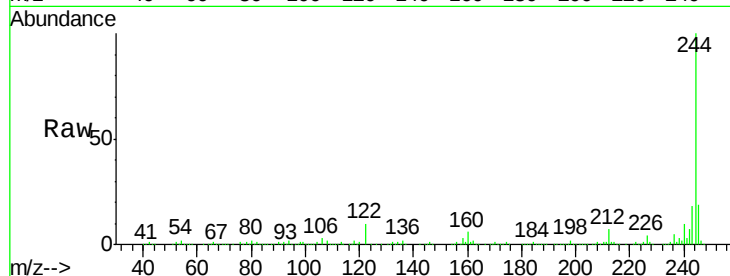
Tot Ion:244 Resp: 660920

Ion Ratio Lower Upper

244 100

212 6.6 4.9 7.3

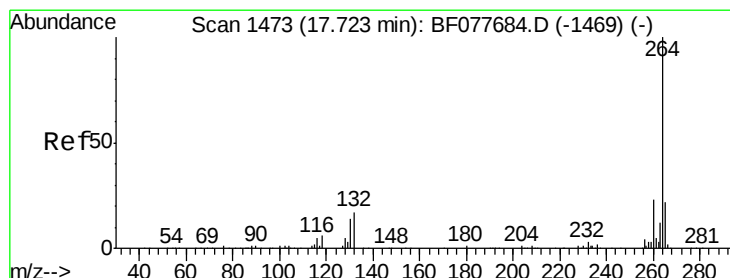
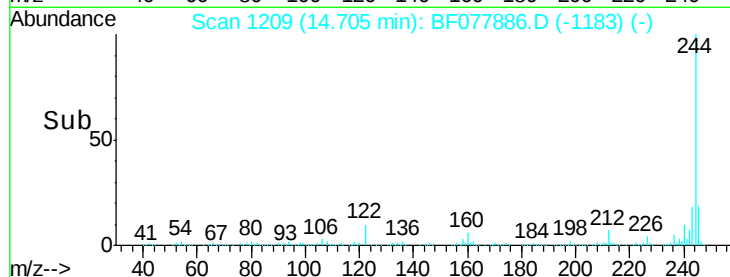
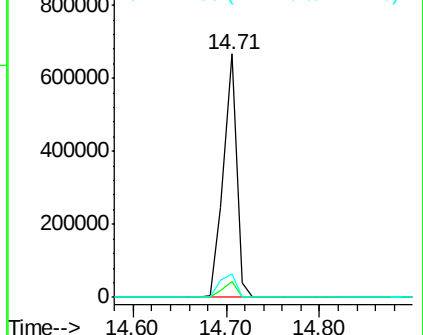
122 9.6 6.2 9.4#



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: 17.68 min Scan# 1469

Delta R.T. -0.02 min

Lab File: BF077886.D

Acq: 21 Mar 2015 3:06

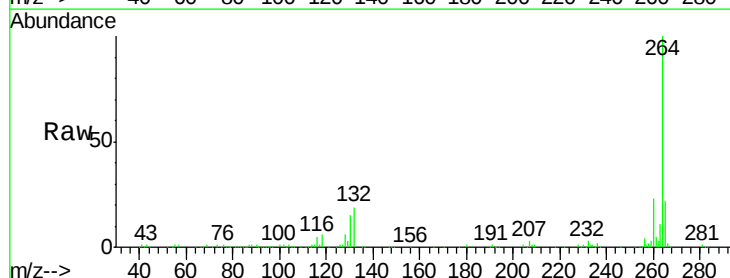
Tgt Ion:264 Resp: 169206

Ion Ratio Lower Upper

264 100

260 23.0 18.6 27.8

265 21.8 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

