

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
 Data File : BF103291.D
 Acq On : 28 Feb 2018 4:40
 Operator : SJ/JU
 Sample : J1683-06
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RFK-RMAB-MW13-GW

Quant Time: Feb 28 05:58:39 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 17:05:20 2018
 Response via : Initial Calibration

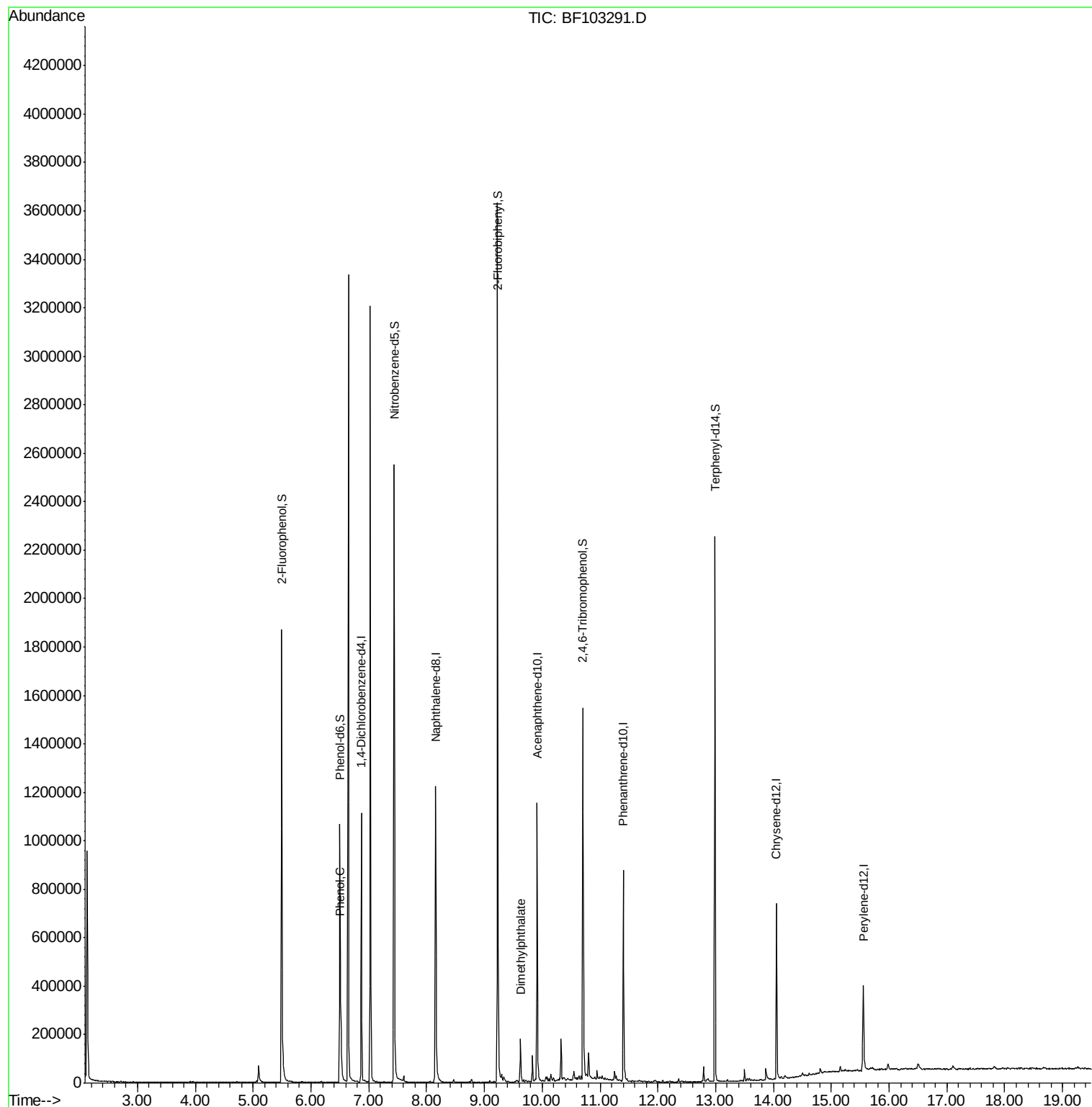
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	152635	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	609143	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	229867	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	308819	20.00	ng	0.00
75) Chrysene-d12	14.05	240	238411	20.00	ng	0.00
86) Perylene-d12	15.56	264	173305	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	526429	52.16	ng	0.00
7) Phenol-d6	6.50	99	401884	32.54	ng	0.00
23) Nitrobenzene-d5	7.44	82	855743	80.23	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	156127	80.24	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1177134	89.25	ng	0.00
78) Terphenyl-d14	12.99	244	724977	73.10	ng	0.00
Target Compounds						
10) Phenol	6.52	94	44898	3.132	ng	90
49) Dimethylphthalate	9.62	163	70799	3.839	ng	99

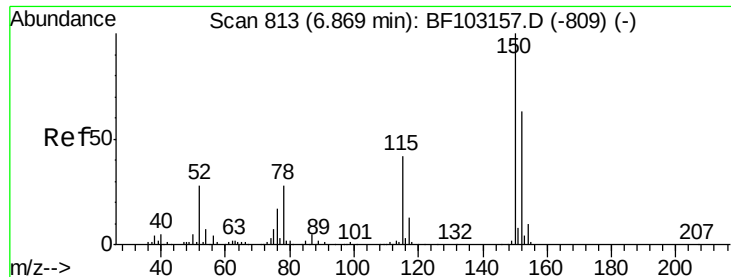
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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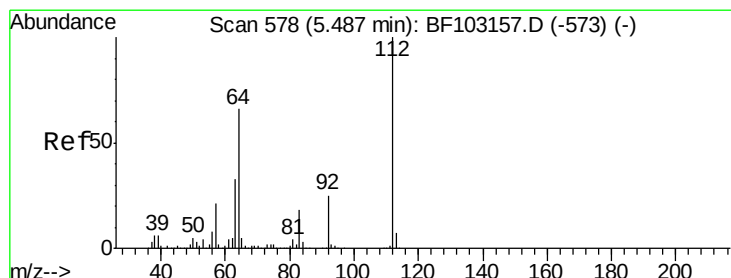
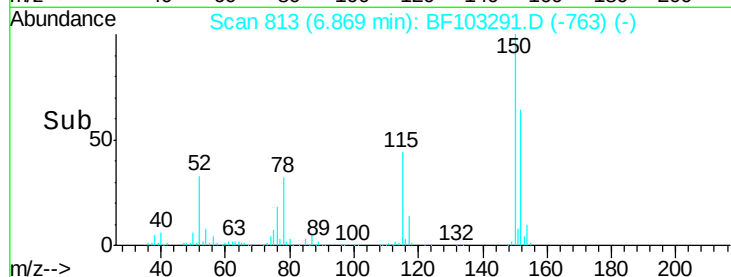
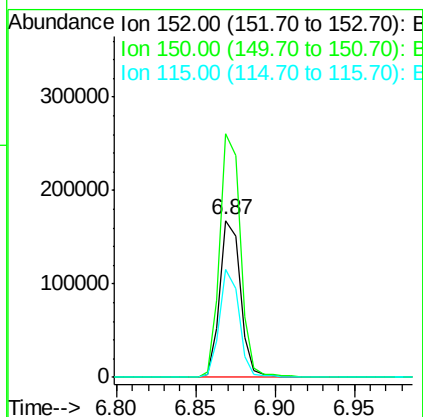
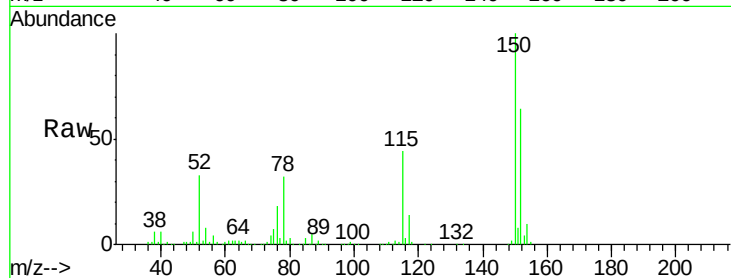


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF103291.D
Acq: 28 Feb 2018 4:40

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW13-GW

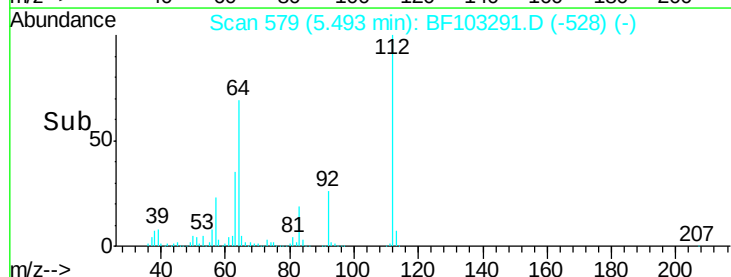
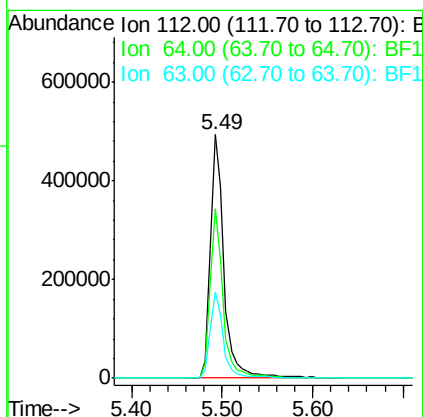
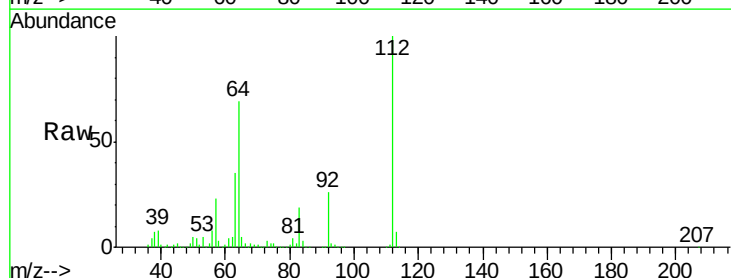
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.6	186.8
115	69.1	50.1	75.1

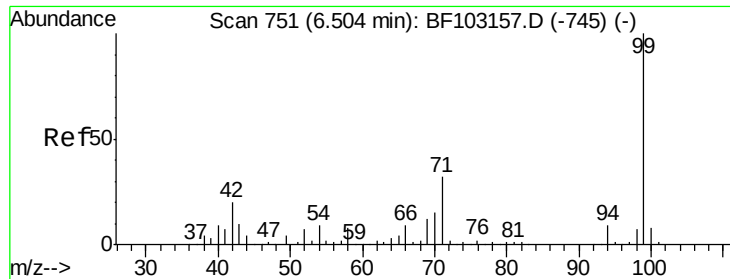


#5

2-Fluorophenol
Concen: 52.163 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF103291.D
Acq: 28 Feb 2018 4:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.4	47.9	71.9
63	35.3	23.7	35.5





#7

Phenol-d6

Concen: 32.544 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF103291.D

Acq: 28 Feb 2018 4:40

Instrument :

BNA_F

ClientSampleId :

RFK-RMAB-MW13-GW

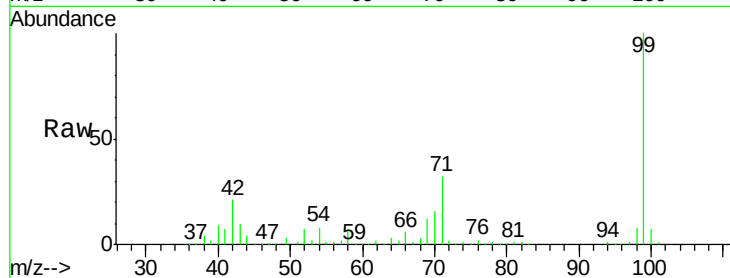
Tot Ion: 99 Resp: 401884

Ion Ratio Lower Upper

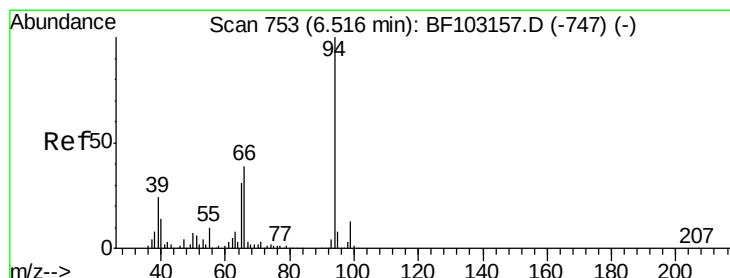
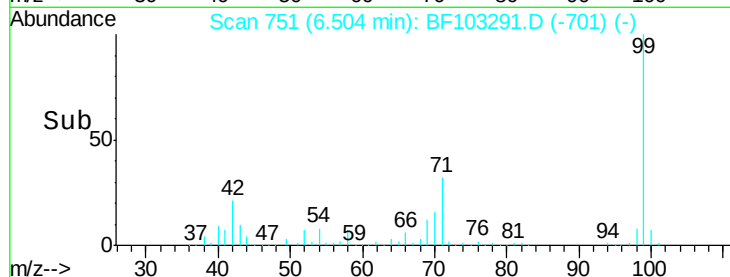
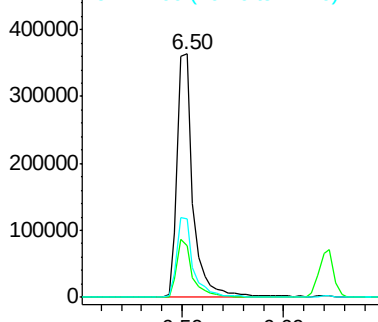
99 100

42 21.4 14.5 21.7

71 32.1 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 3.132 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF103291.D

Acq: 28 Feb 2018 4:40

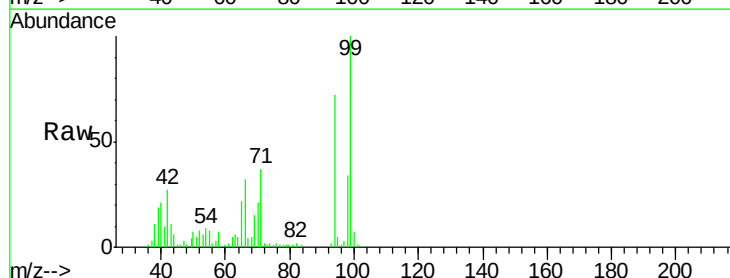
Tgt Ion: 94 Resp: 44898

Ion Ratio Lower Upper

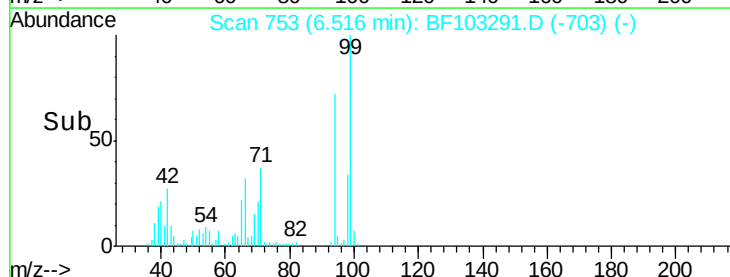
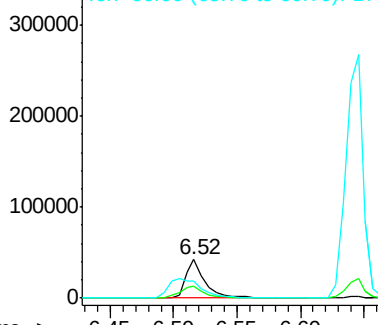
94 100

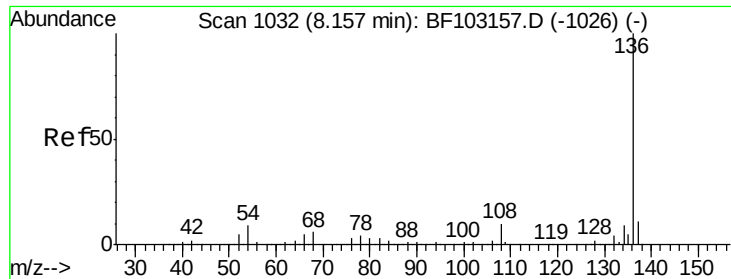
65 30.6 7.9 47.9

66 44.1 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

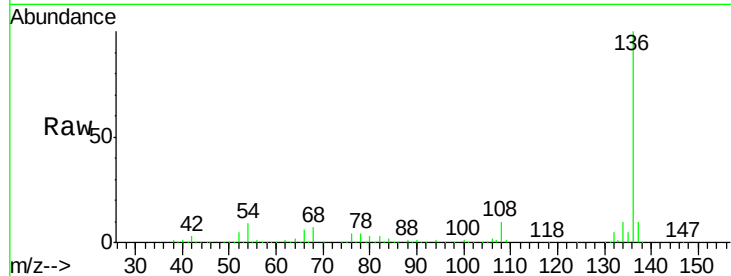




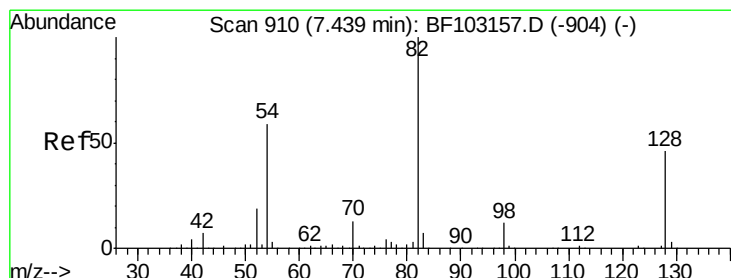
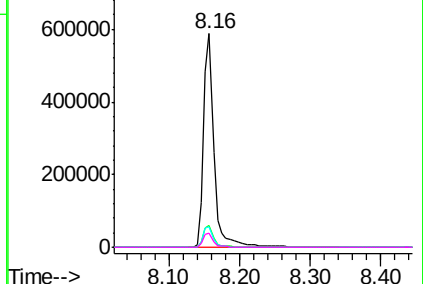
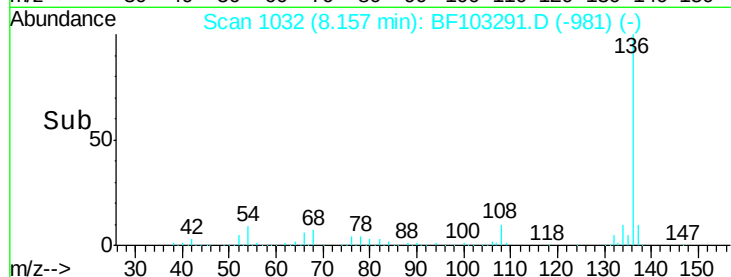
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF103291.D
Acq: 28 Feb 2018 4:40

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW13-GW

Tot Ion:136	Resp:	609143
Ion Ratio	Lower	Upper
136	100	
137	10.4	8.9 13.3
54	9.4	6.6 9.8
68	6.7	5.0 7.4

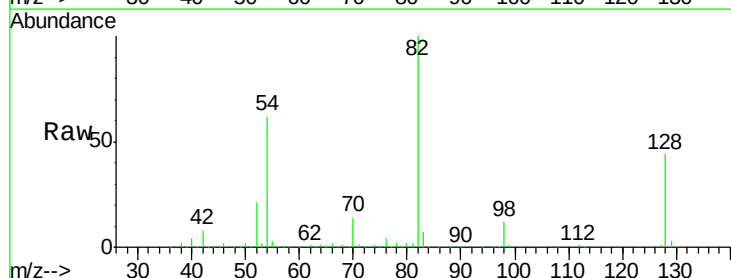


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

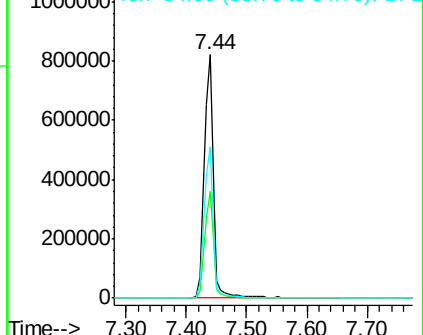
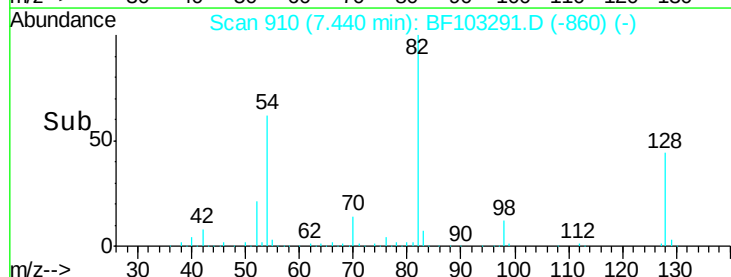


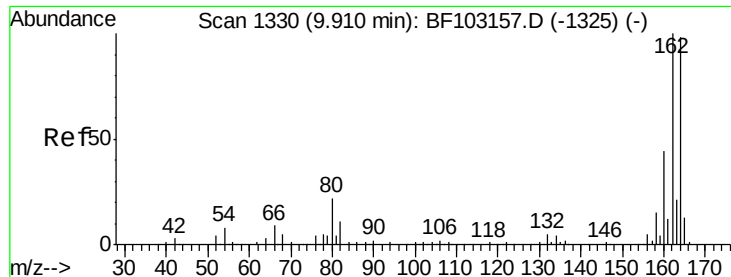
#23
Nitrobenzene-d5
Concen: 80.228 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF103291.D
Acq: 28 Feb 2018 4:40

Tgt Ion: 82	Resp:	855743
Ion Ratio	Lower	Upper
82	100	
128	44.0	36.1 54.1
54	62.1	41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF103291.D

Acq: 28 Feb 2018 4:40

Instrument :

BNA_F

ClientSampleId :

RFK-RMAB-MW13-GW

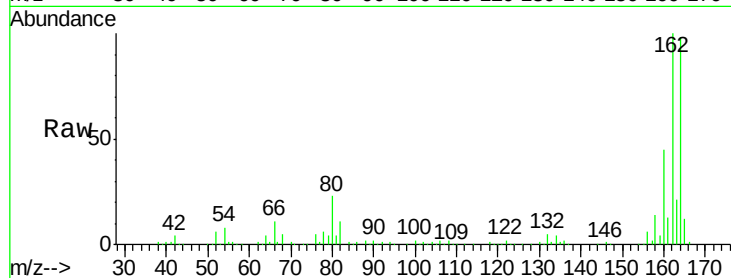
Tot Ion:164 Resp: 229867

Ion Ratio Lower Upper

164 100

162 102.1 86.1 129.1

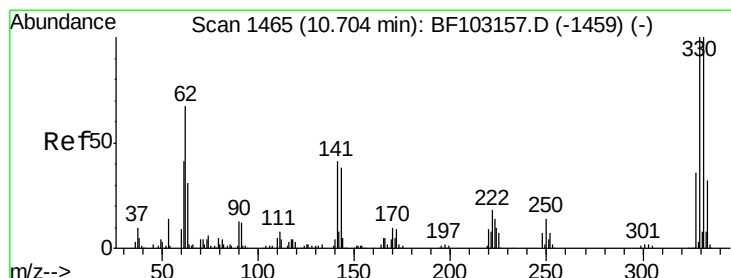
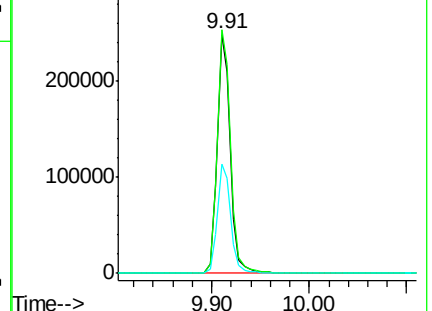
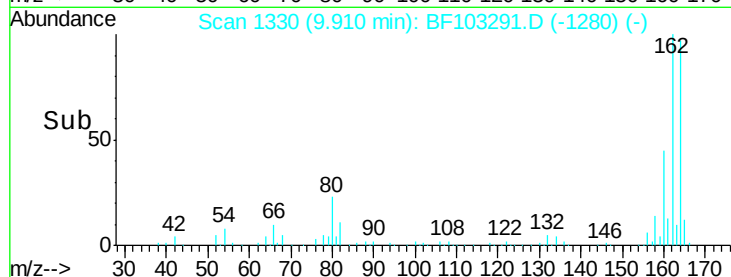
160 46.0 38.3 57.5



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: 80.242 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF103291.D

Acq: 28 Feb 2018 4:40

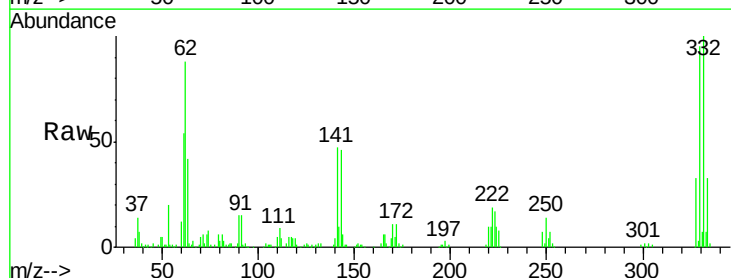
Tgt Ion:330 Resp: 156127

Ion Ratio Lower Upper

330 100

332 106.9 77.0 115.6

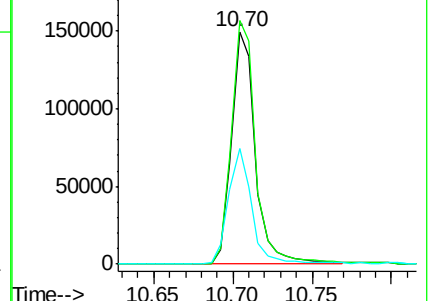
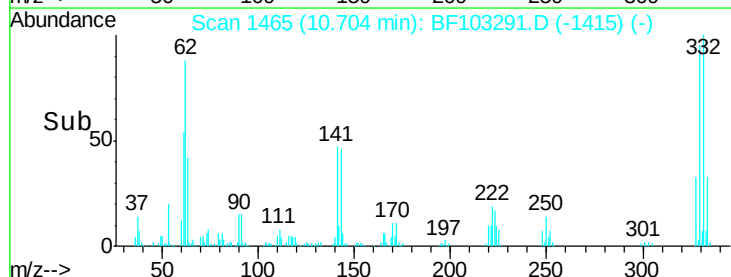
141 49.5 29.9 44.9#

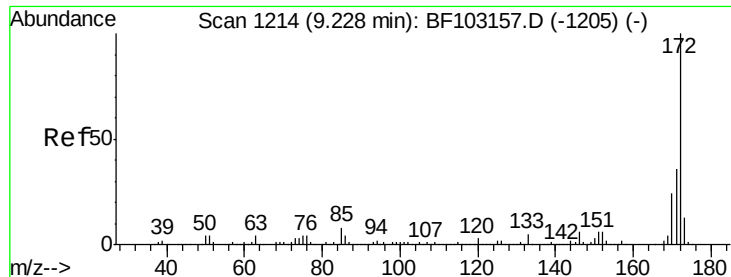


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

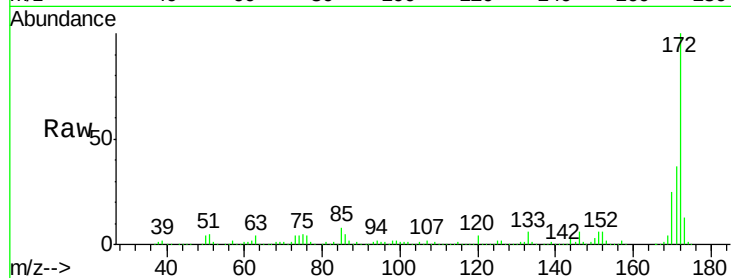




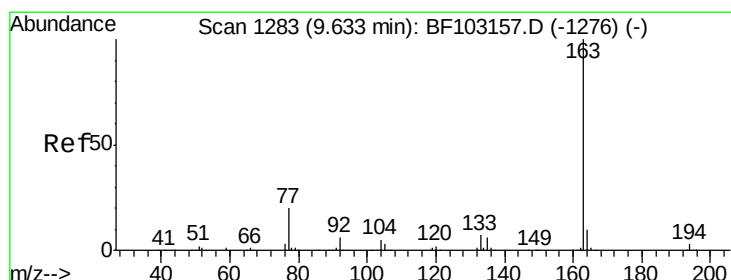
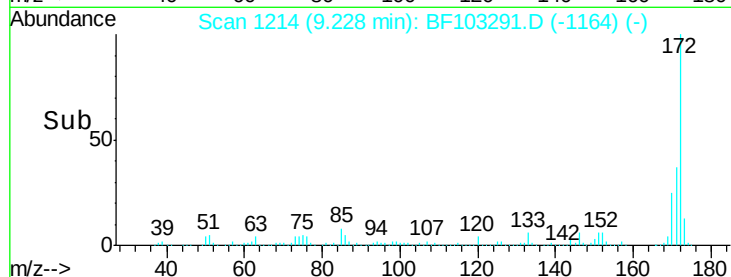
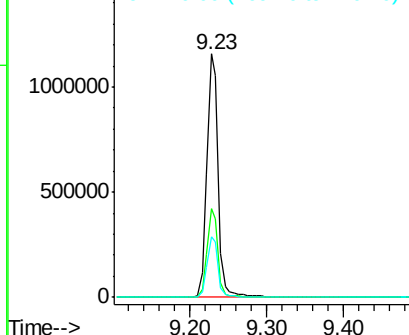
#44
2-Fluorobiphenyl
Concen: 89.252 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF103291.D
Acq: 28 Feb 2018 4:40

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW13-GW

Tot Ion:172 Resp: 1177134
Ion Ratio Lower Upper
172 100
171 36.5 29.7 44.5
170 24.7 19.6 29.4

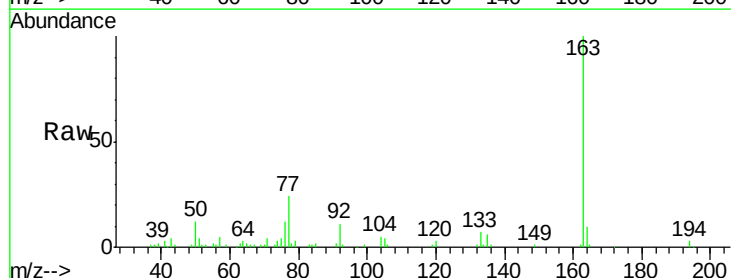


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

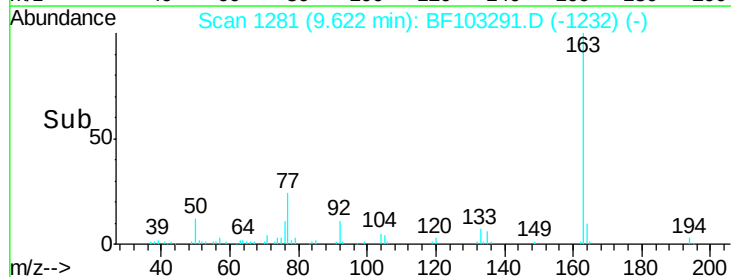
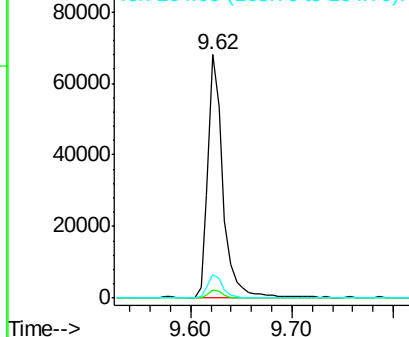


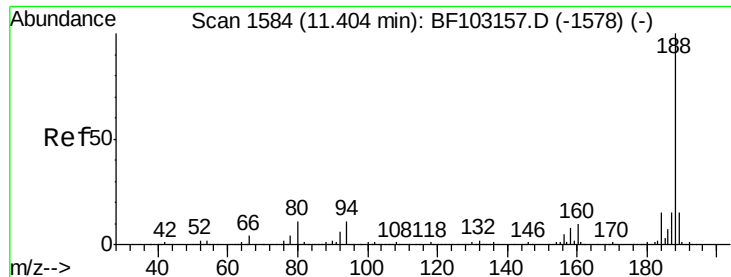
#49
Dimethylphthalate
Concen: 3.839 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF103291.D
Acq: 28 Feb 2018 4:40

Tgt Ion:163 Resp: 70799
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 9.6 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

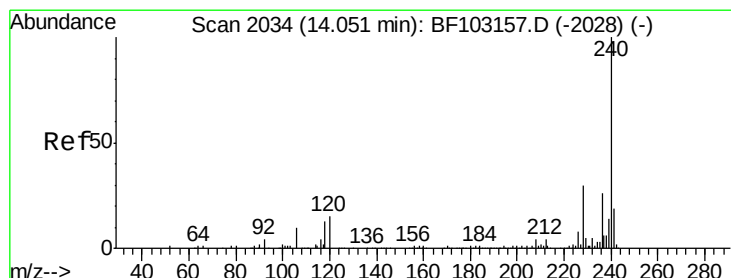
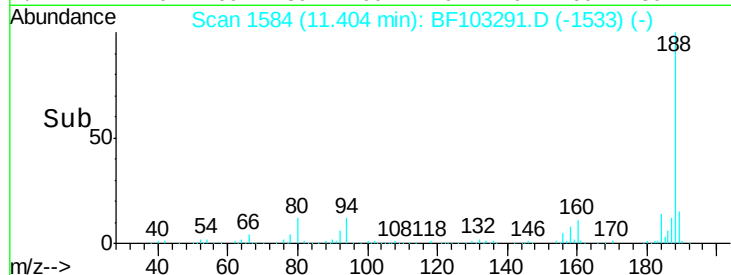
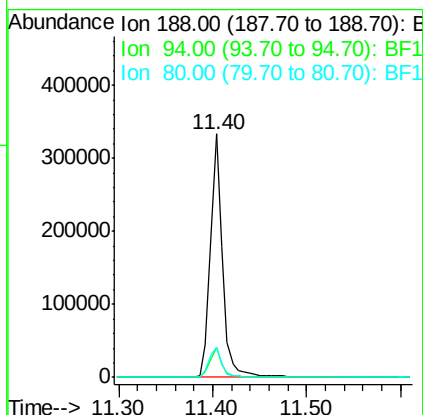
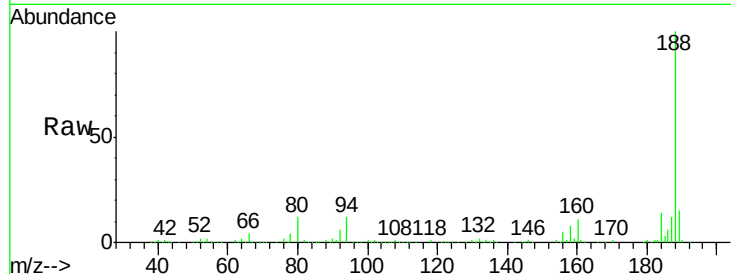




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF103291.D
Acq: 28 Feb 2018 4:40

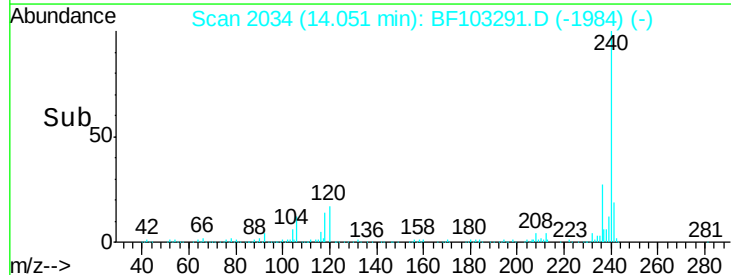
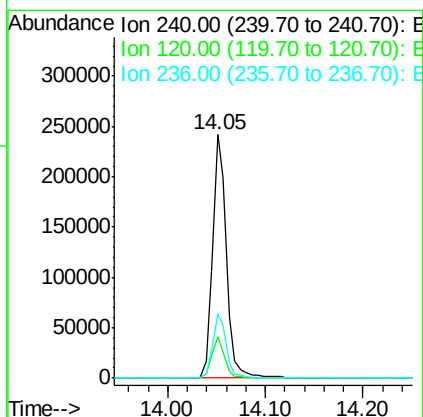
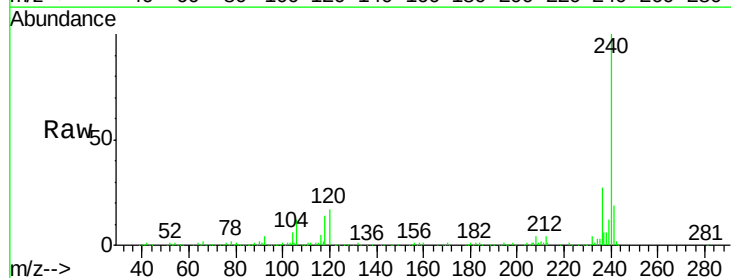
Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW13-GW

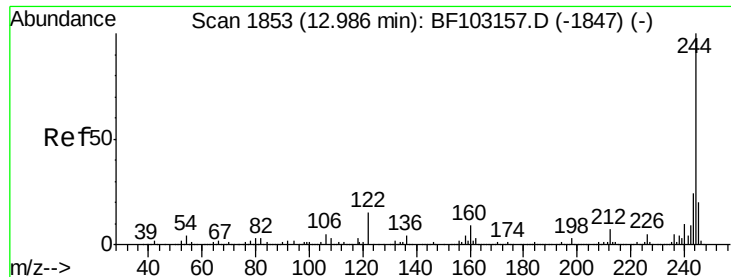
Tot Ion:188 Resp: 308819
Ion Ratio Lower Upper
188 100
94 12.3 8.5 12.7
80 12.4 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF103291.D
Acq: 28 Feb 2018 4:40

Tgt Ion:240 Resp: 238411
Ion Ratio Lower Upper
240 100
120 16.8 9.5 14.3#
236 26.6 20.7 31.1





#78

Terphenyl-d14

Concen: 73.098 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF103291.D

Acq: 28 Feb 2018 4:40

Instrument :

BNA_F

ClientSampleId :

RFK-RMAB-MW13-GW

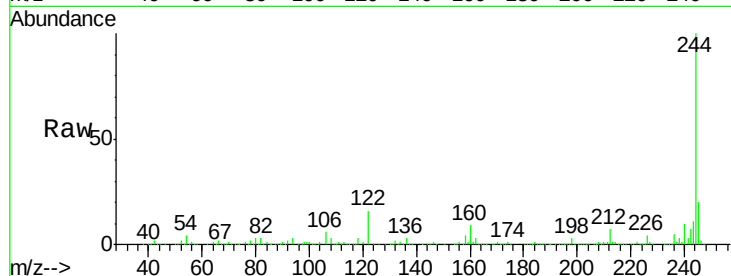
Tot Ion:244 Resp: 724977

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

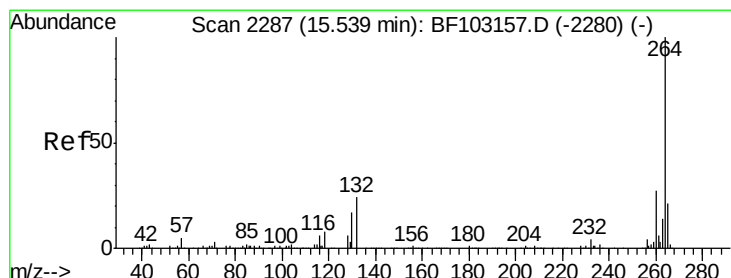
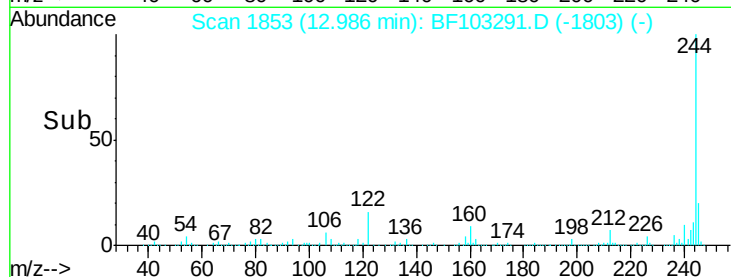
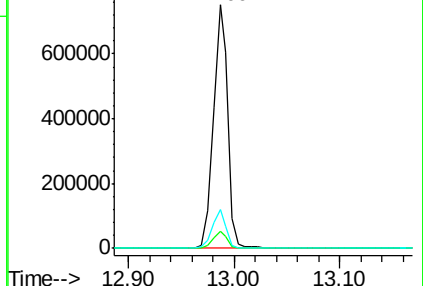
122 16.0 11.0 16.4



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: 20.000 ng

RT: 15.56 min Scan# 2290

Delta R.T. 0.00 min

Lab File: BF103291.D

Acq: 28 Feb 2018 4:40

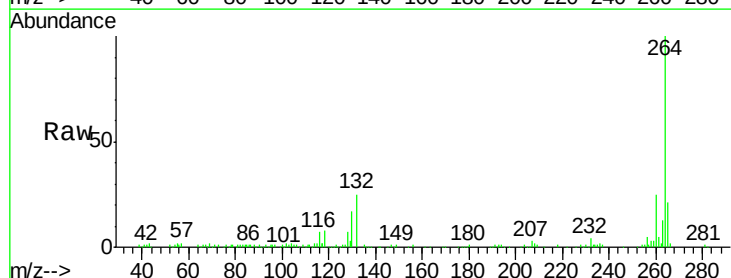
Tgt Ion:264 Resp: 173305

Ion Ratio Lower Upper

264 100

260 25.0 19.2 28.8

265 21.1 17.5 26.3



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

