

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081719\
 Data File : BF116351.D
 Acq On : 17 Aug 2019 12:30
 Operator : HP/JU
 Sample : K4377-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-29

Quant Time: Aug 19 06:41:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

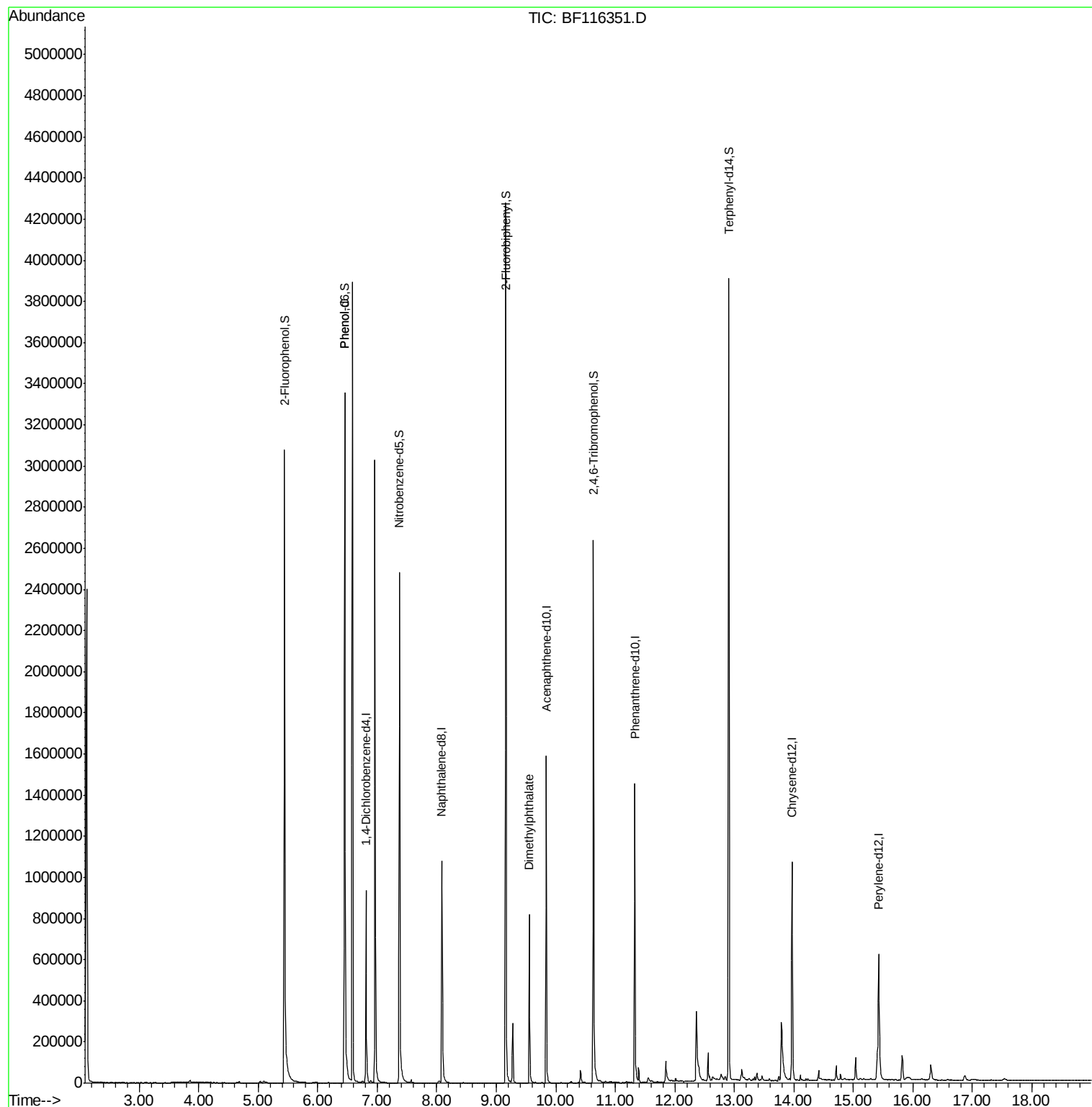
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	149722	20.00	ng	-0.04
21) Naphthalene-d8	8.09	136	571106	20.00	ng	-0.04
39) Acenaphthene-d10	9.84	164	299967	20.00	ng	-0.05
64) Phenanthrene-d10	11.33	188	513793	20.00	ng	-0.04
76) Chrysene-d12	13.97	240	362717	20.00	ng	-0.04
87) Perylene-d12	15.42	264	342934	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1100423	123.04	ng	-0.02
7) Phenol-d6	6.46	99	1405888	124.59	ng	-0.03
23) Nitrobenzene-d5	7.37	82	914934	92.47	ng	-0.04
42) 2,4,6-Tribromophenol	10.63	330	354416	121.87	ng	-0.04
45) 2-Fluorobiphenyl	9.16	172	1408524	87.95	ng	-0.04
79) Terphenyl-d14	12.91	244	1437375	83.50	ng	-0.04
Target Compounds						
10) Phenol	6.46	94	49404	3.718	ng	84
50) Dimethylphthalate	9.56	163	319114	15.624	ng	99

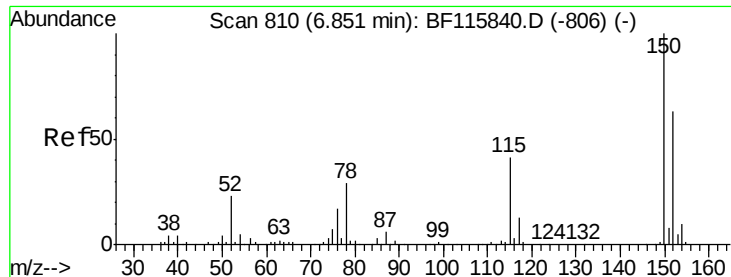
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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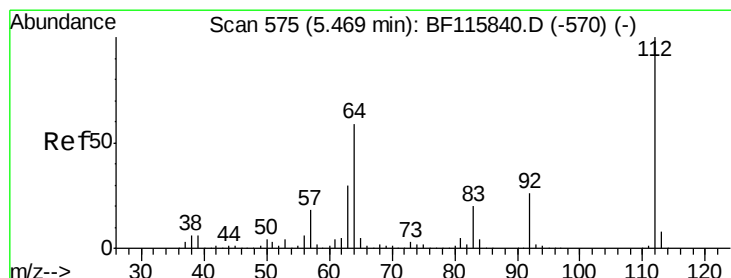
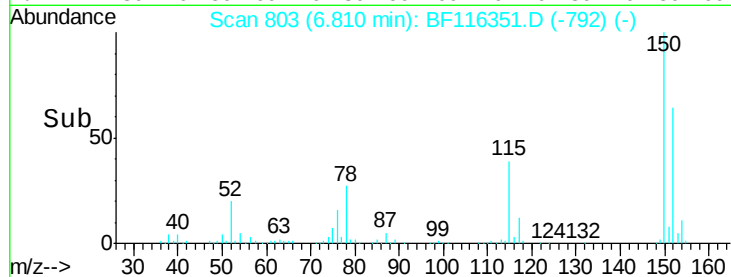
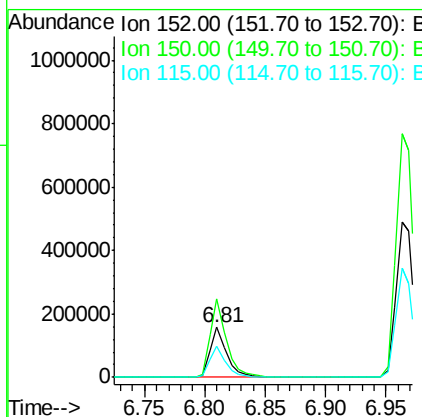
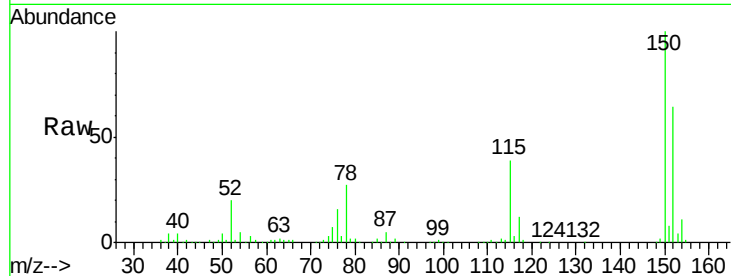


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.04 min
Lab File: BF116351.D
Acq: 17 Aug 2019 12:30

Instrument :
BNA_F
ClientSampleId :
RBR-29

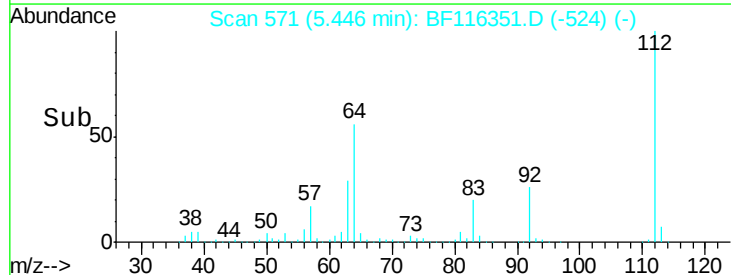
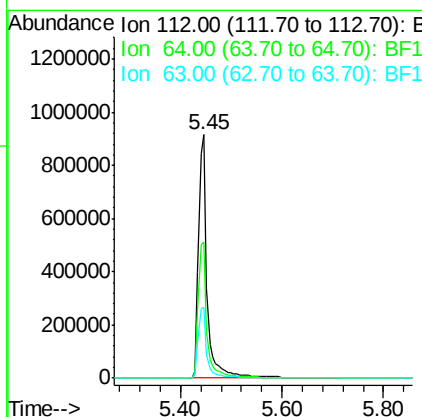
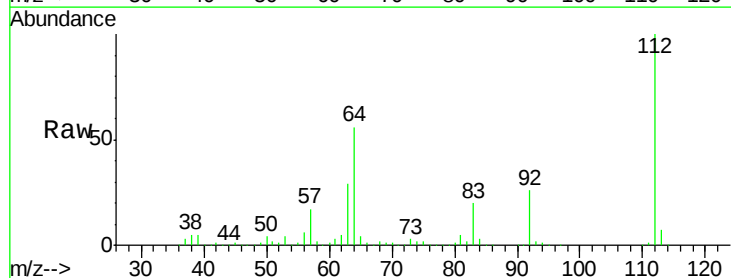
Tot Ion:152 Resp: 149722
Ion Ratio Lower Upper
152 100
150 157.3 126.2 189.2
115 61.6 49.9 74.9

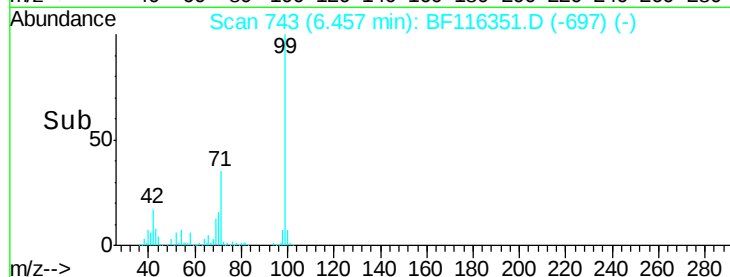
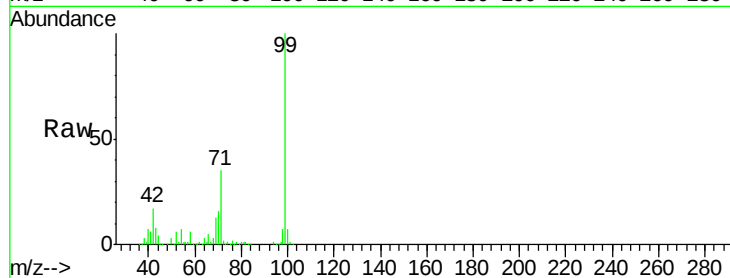
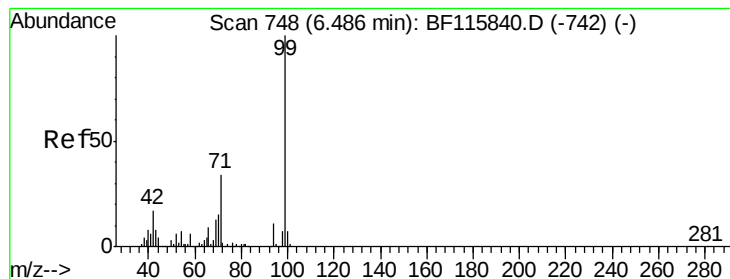


#5

2-Fluorophenol
Concen: 123.040 ng
RT: 5.45 min Scan# 571
Delta R.T. -0.02 min
Lab File: BF116351.D
Acq: 17 Aug 2019 12:30

Tgt Ion:112 Resp: 1100423
Ion Ratio Lower Upper
112 100
64 56.2 45.4 68.2
63 29.0 23.7 35.5





#7

Phenol-d6

Concen: 124.592 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.03 min

Lab File: BF116351.D

Acq: 17 Aug 2019 12:30

Instrument :

BNA_F

ClientSampleId :

RBR-29

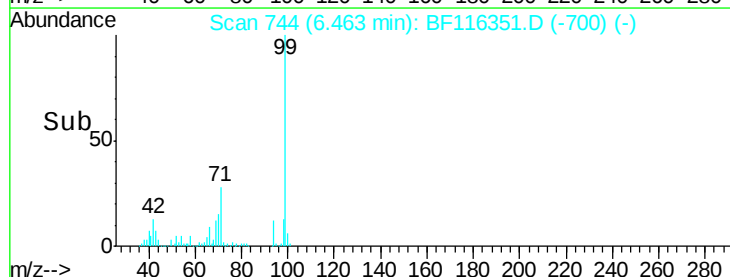
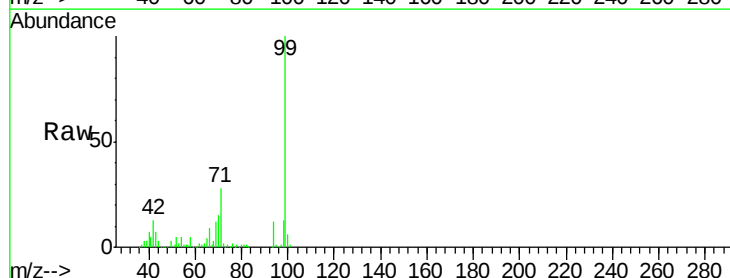
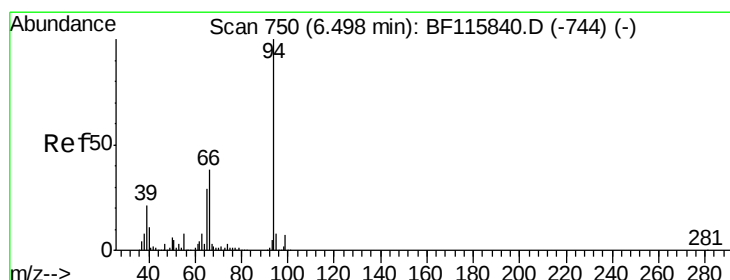
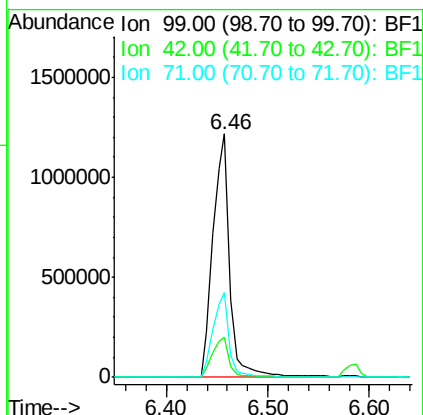
Tot Ion: 99 Resp: 1405888

Ion Ratio Lower Upper

99 100

42 16.5 13.8 20.8

71 34.9 27.3 40.9



#10

Phenol

Concen: 3.718 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.04 min

Lab File: BF116351.D

Acq: 17 Aug 2019 12:30

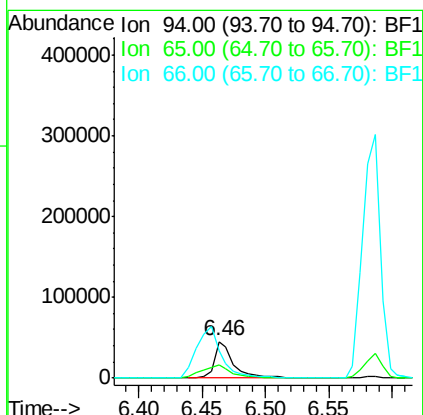
Tgt Ion: 94 Resp: 49404

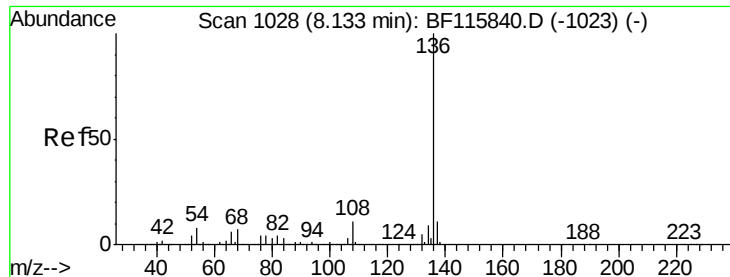
Ion Ratio Lower Upper

94 100

65 36.2 16.8 56.8

66 73.4 34.2 74.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.04 min

Lab File: BF116351.D

Acq: 17 Aug 2019 12:30

Instrument :

BNA_F

ClientSampleId :

RBR-29

Tot Ion:136 Resp: 571106

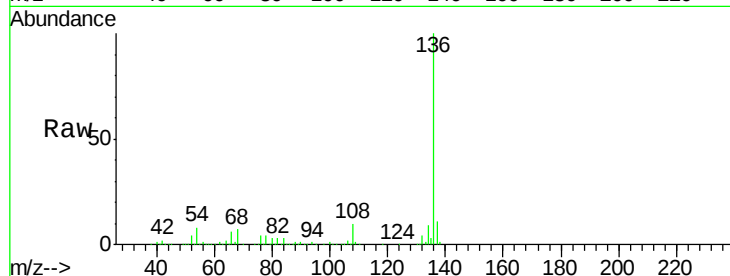
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.4

54 7.7 5.8 8.6

68 6.8 5.2 7.8

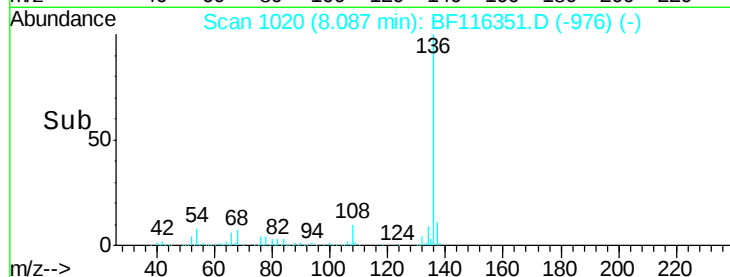


Abundance Ion 136.00 (135.70 to 136.70): E

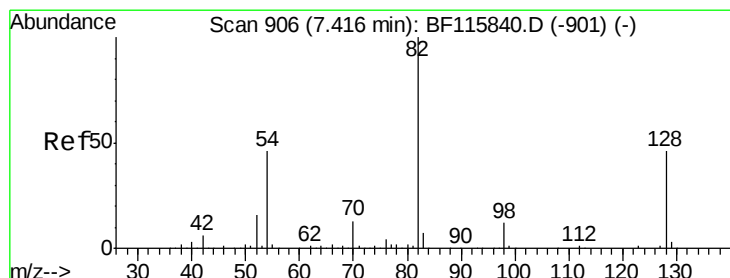
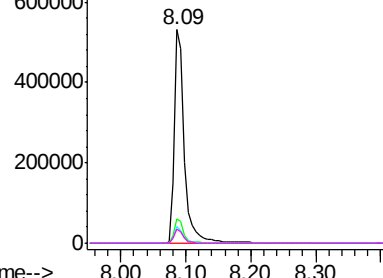
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#23

Nitrobenzene-d5

Concen: 92.475 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.04 min

Lab File: BF116351.D

Acq: 17 Aug 2019 12:30

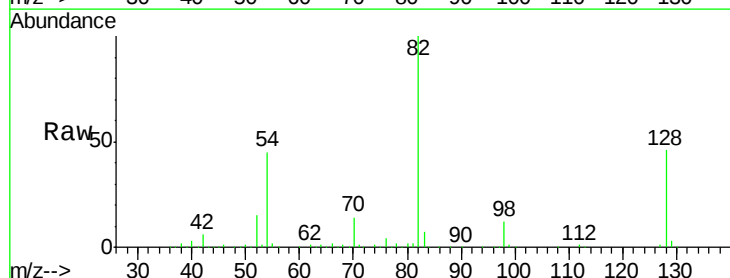
Tgt Ion: 82 Resp: 914934

Ion Ratio Lower Upper

82 100

128 45.8 36.5 54.7

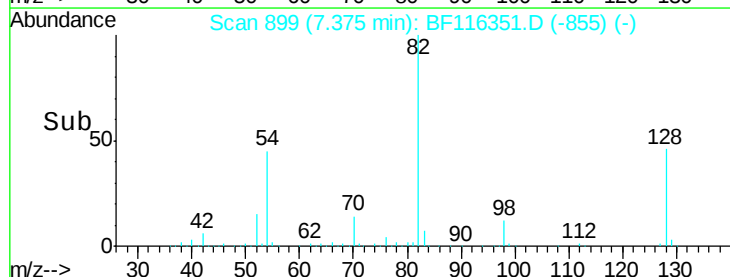
54 45.0 36.0 54.0



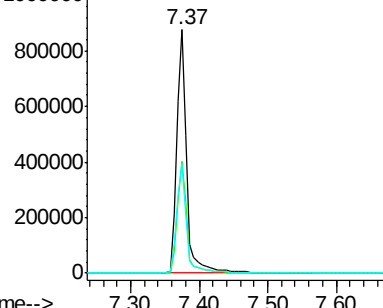
Abundance Ion 82.00 (81.70 to 82.70): BF1

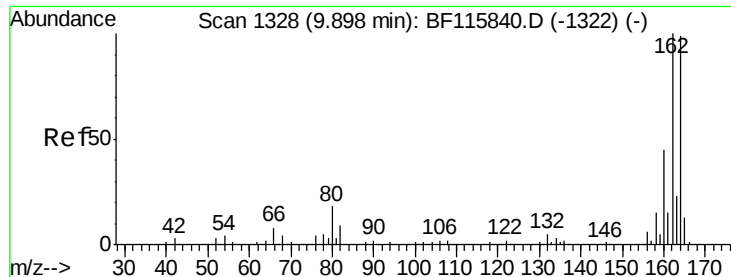
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1



Time-->





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.05 min

Lab File: BF116351.D

Acq: 17 Aug 2019 12:30

Instrument :

BNA_F

ClientSampleId :

RBR-29

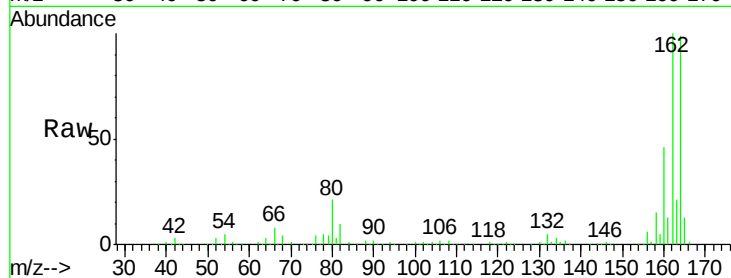
Tot Ion:164 Resp: 299967

Ion Ratio Lower Upper

164 100

162 101.4 82.6 124.0

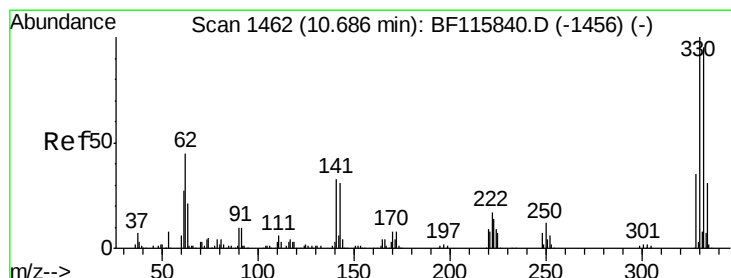
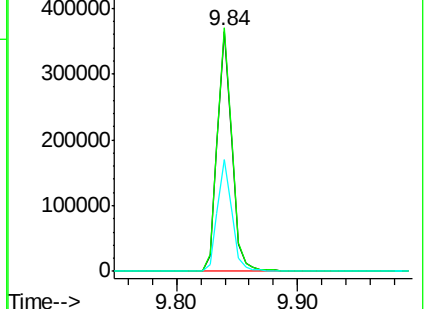
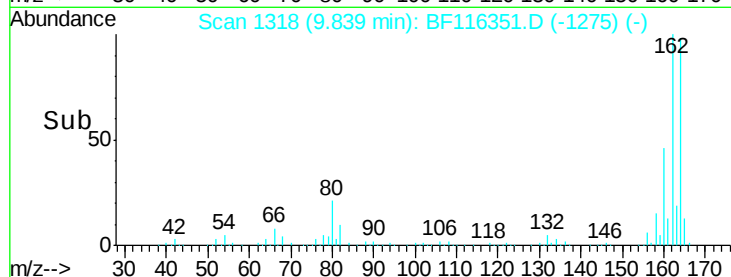
160 46.6 37.6 56.4



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



#42

2,4,6-Tribromophenol

Concen: 121.865 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.04 min

Lab File: BF116351.D

Acq: 17 Aug 2019 12:30

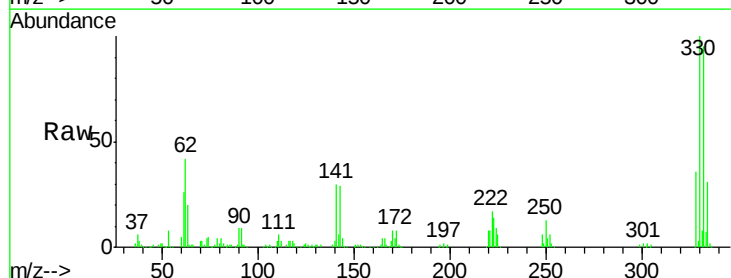
Tgt Ion:330 Resp: 354416

Ion Ratio Lower Upper

330 100

332 95.1 76.8 115.2

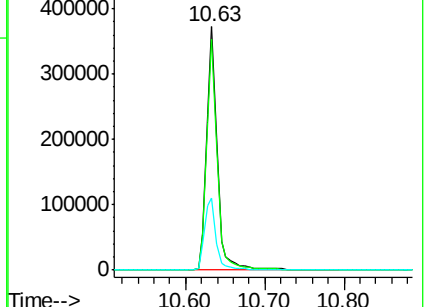
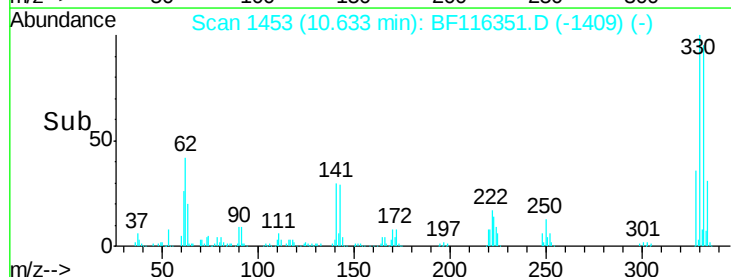
141 33.0 26.3 39.5

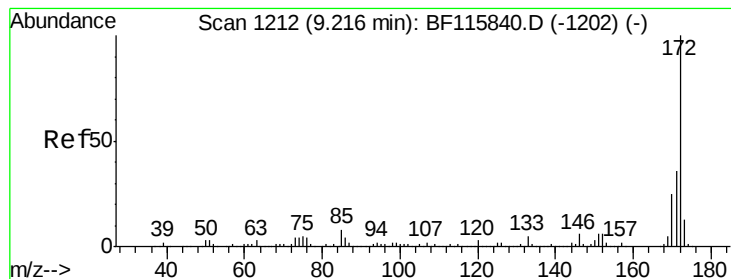


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 87.952 ng

RT: 9.16 min Scan# 1203

Delta R.T. -0.04 min

Lab File: BF116351.D

Acq: 17 Aug 2019 12:30

Instrument :

BNA_F

ClientSampleId :

RBR-29

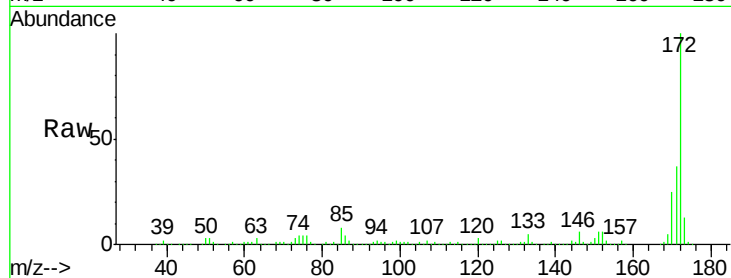
Tot Ion:172 Resp: 1408524

Ion Ratio Lower Upper

172 100

171 36.6 29.6 44.4

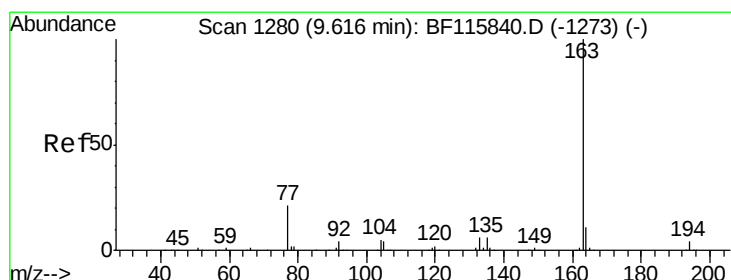
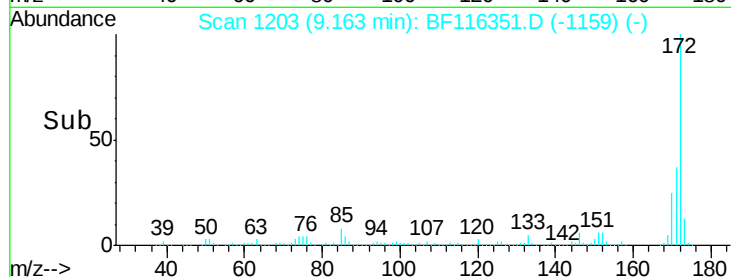
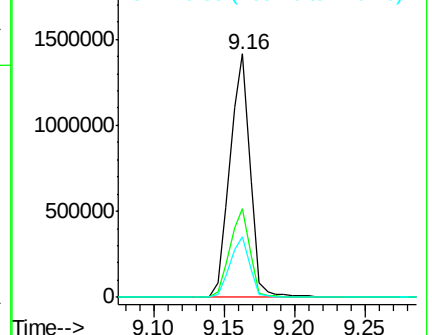
170 24.9 20.1 30.1



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



#50

Dimethylphthalate

Concen: 15.624 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.05 min

Lab File: BF116351.D

Acq: 17 Aug 2019 12:30

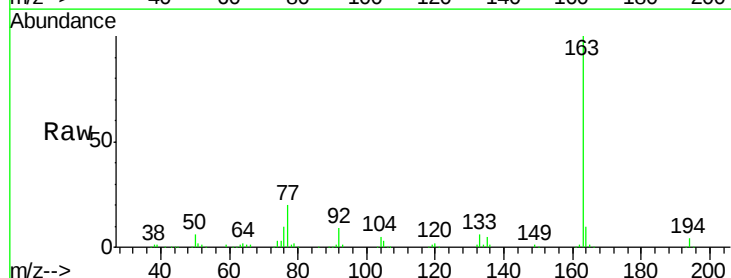
Tgt Ion:163 Resp: 319114

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

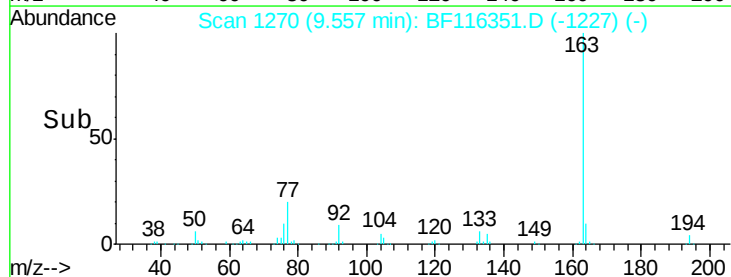
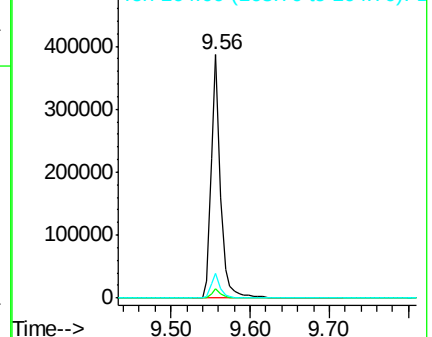
164 10.1 8.4 12.6

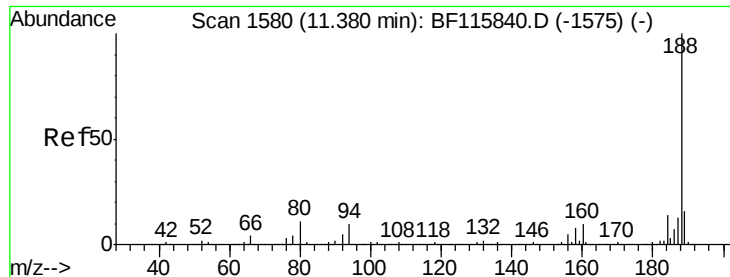


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

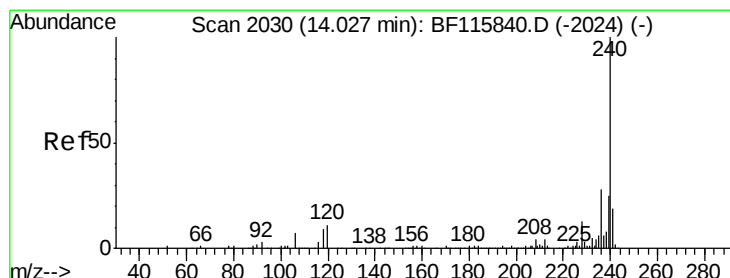
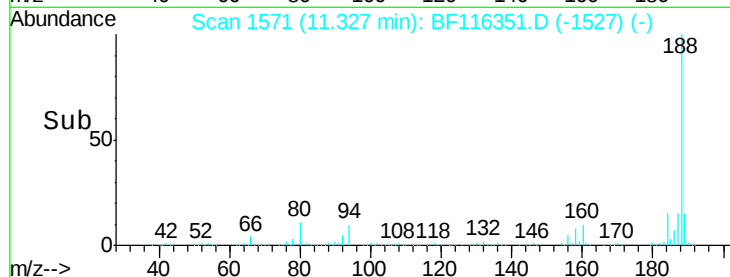
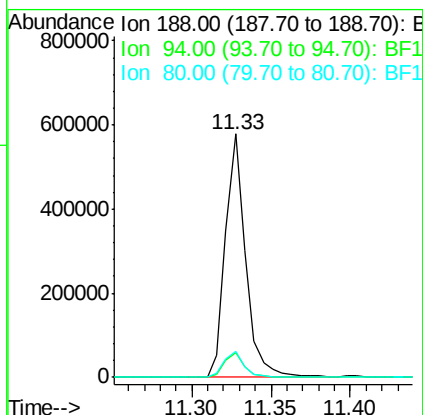
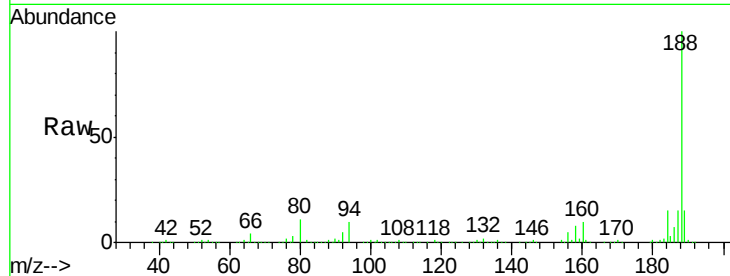




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.04 min
Lab File: BF116351.D
Acq: 17 Aug 2019 12:30

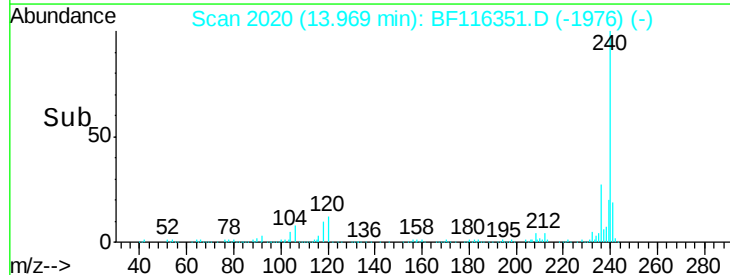
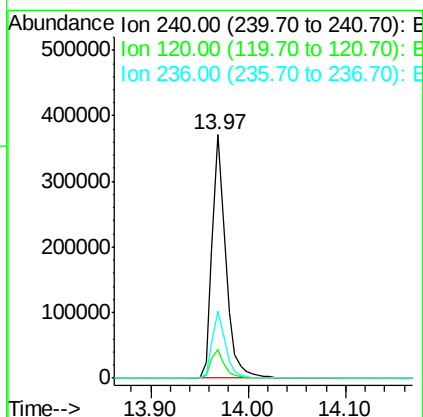
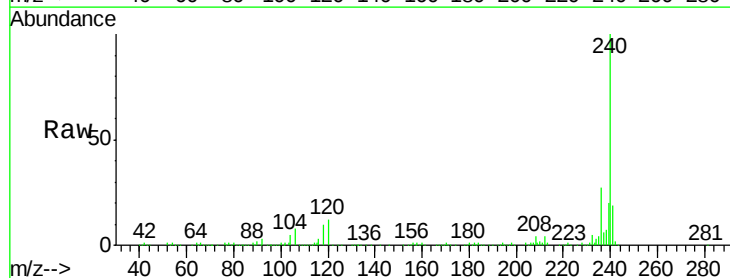
Instrument :
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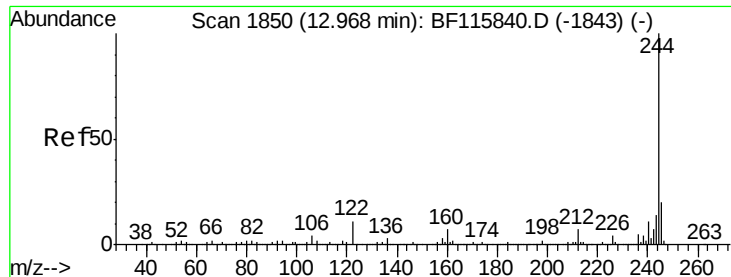
Tot Ion:188 Resp: 513793
Ion Ratio Lower Upper
188 100
94 10.1 8.1 12.1
80 10.9 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.04 min
Lab File: BF116351.D
Acq: 17 Aug 2019 12:30

Tgt Ion:240 Resp: 362717
Ion Ratio Lower Upper
240 100
120 11.6 10.7 16.1
236 27.4 22.2 33.2





#79

Terphenyl-d14

Concen: 83.503 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.04 min

Lab File: BF116351.D

Acq: 17 Aug 2019 12:30

Instrument :

BNA_F

ClientSampleId :

RBR-29

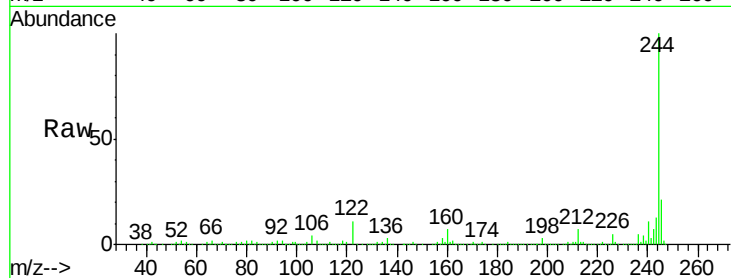
Tot Ion:244 Resp: 1437375

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

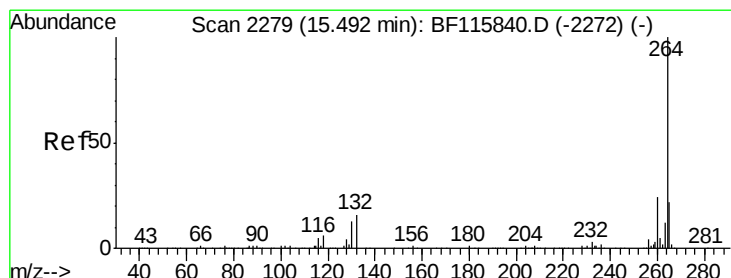
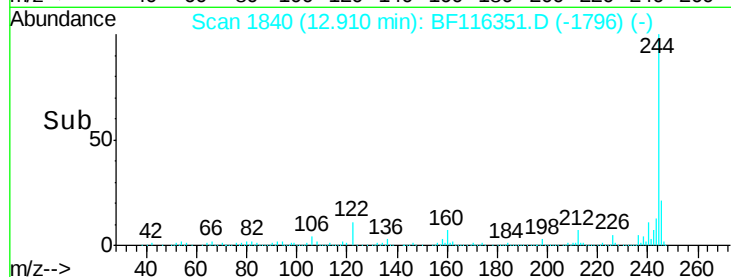
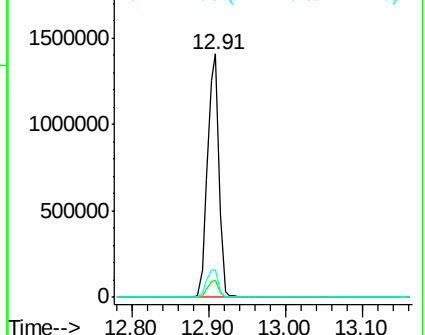
122 11.2 9.0 13.4



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2267

Delta R.T. -0.05 min

Lab File: BF116351.D

Acq: 17 Aug 2019 12:30

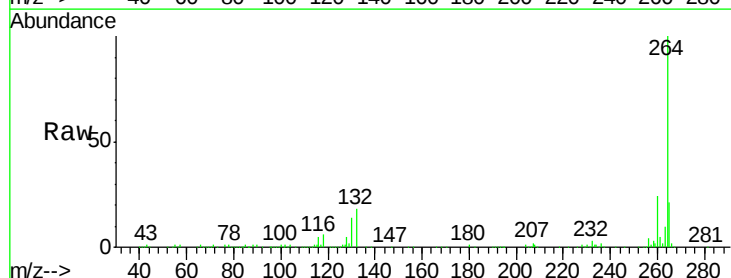
Tgt Ion:264 Resp: 342934

Ion Ratio Lower Upper

264 100

260 24.1 19.7 29.5

265 21.3 17.4 26.0



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

