

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090220\
 Data File : BF121519.D
 Acq On : 2 Sep 2020 17:57
 Operator : JU/CG
 Sample : L3858-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HAM-WC-L-VB01

Quant Time: Sep 03 02:08:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 17:52:18 2020
 Response via : Initial Calibration

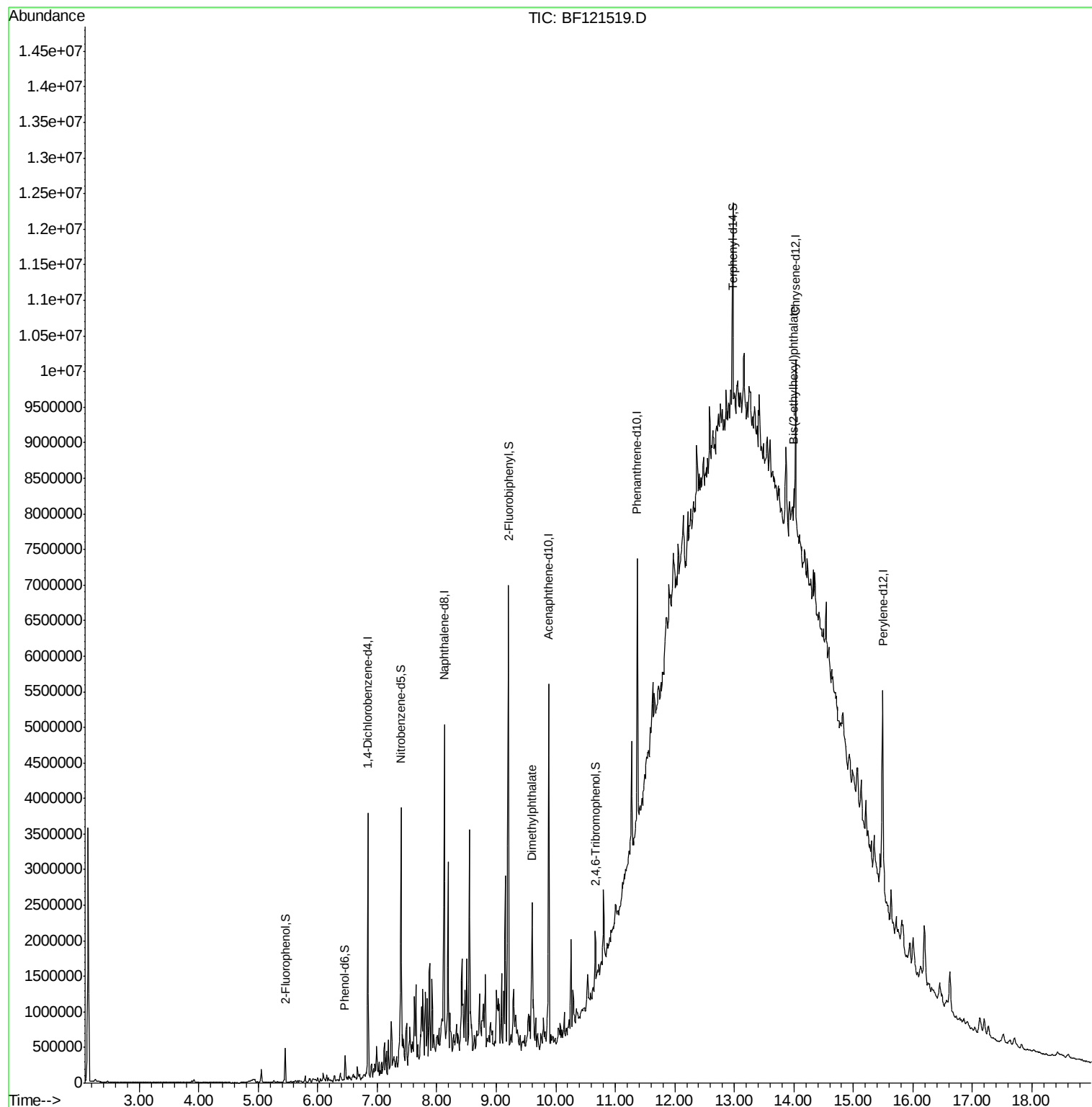
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	549161	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	2028058	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	1068361	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1780413	20.00	ng	0.00
76) Chrysene-d12	14.03	240	1178854	20.00	ng	0.01
86) Perylene-d12	15.49	264	1456344	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	133564	4.08	ng	0.00
7) Phenol-d6	6.46	99	121185	2.65	ng	-0.02
23) Nitrobenzene-d5	7.40	82	1215294	40.97	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	111254	10.31	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2256105	34.07	ng	0.00
79) Terphenyl-d14	12.97	244	1637216	29.23	ng	0.01
Target Compounds						
50) Dimethylphthalate	9.59	163	440221	5.999	ng	Qvalue # 98
84) Bis(2-ethylhexyl)phthalate	14.00	149	261838	6.250	ng	98

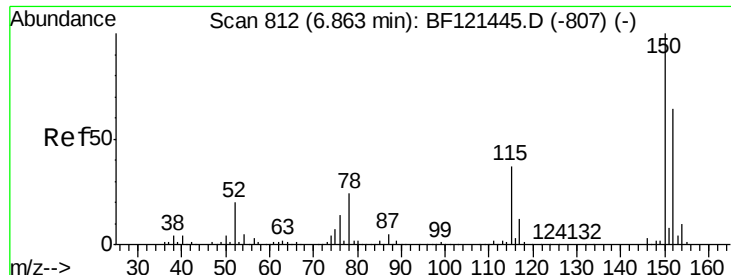
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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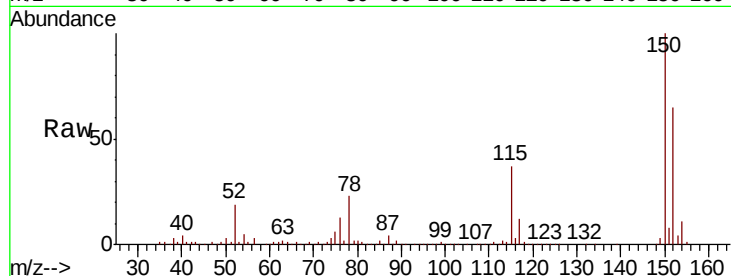


#1

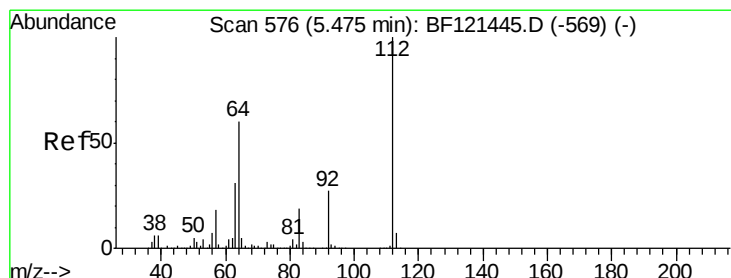
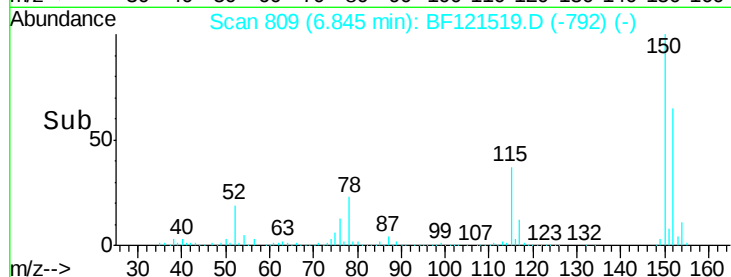
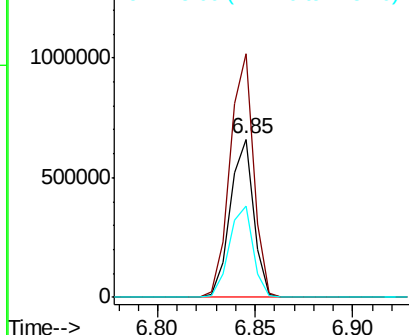
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF121519.D
Acq: 2 Sep 2020 17:57

Instrument :
BNA_F
ClientSampleId :
HAM-WC-L-VB01

Tot Ion:152 Resp: 549161
Ion Ratio Lower Upper
152 100
150 153.8 126.1 189.1
115 57.5 48.4 72.6



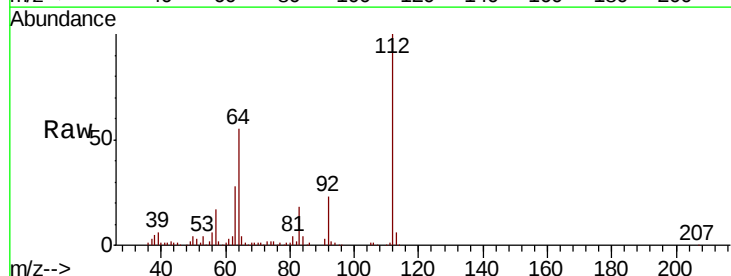
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



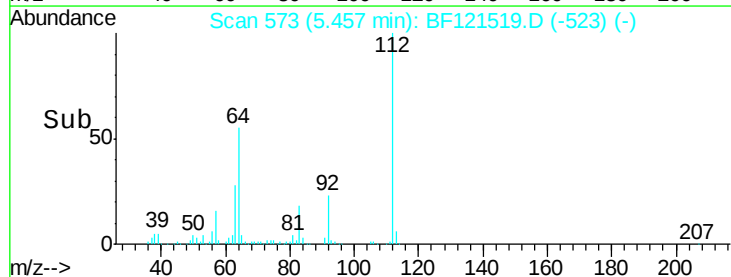
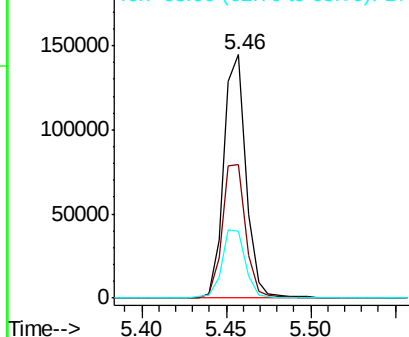
#5

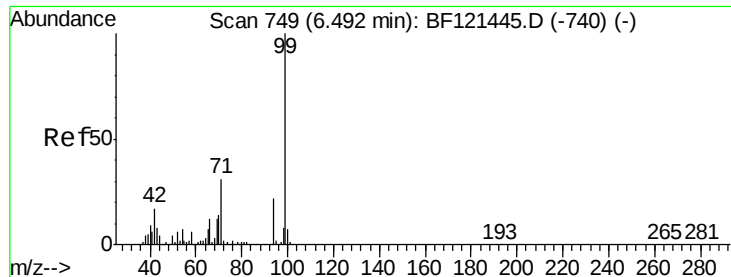
2-Fluorophenol
Concen: 4.081 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF121519.D
Acq: 2 Sep 2020 17:57

Tgt Ion:112 Resp: 133564
Ion Ratio Lower Upper
112 100
64 54.8 46.0 69.0
63 27.6 23.4 35.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 2.649 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.02 min

Lab File: BF121519.D

Acq: 2 Sep 2020 17:57

Instrument :

BNA_F

ClientSampleId :

HAM-WC-L-VB01

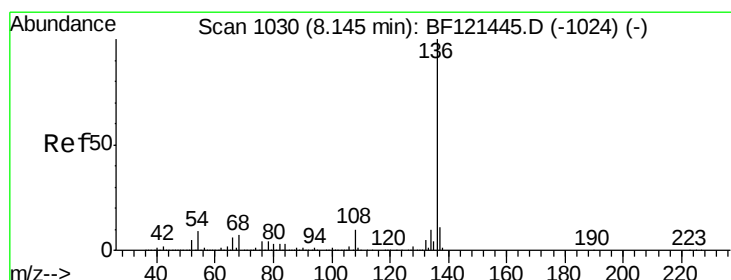
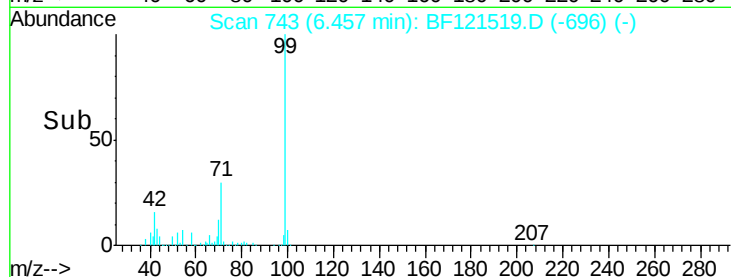
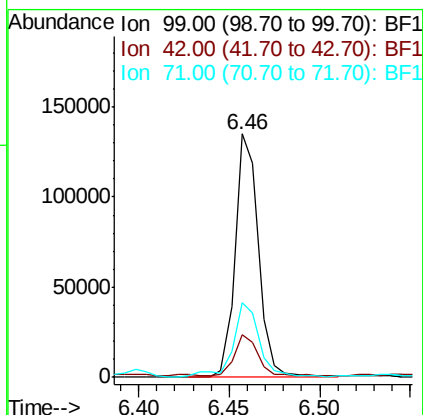
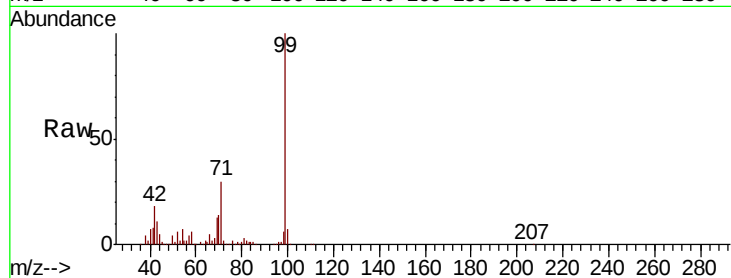
Tot Ion: 99 Resp: 121185

Ion Ratio Lower Upper

99 100

42 17.6 13.0 19.4

71 30.4 24.8 37.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF121519.D

Acq: 2 Sep 2020 17:57

Tgt Ion: 136 Resp: 2028058

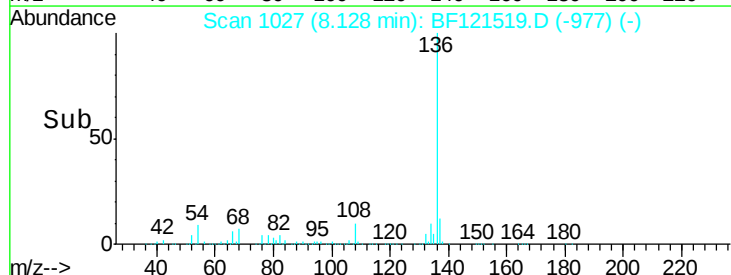
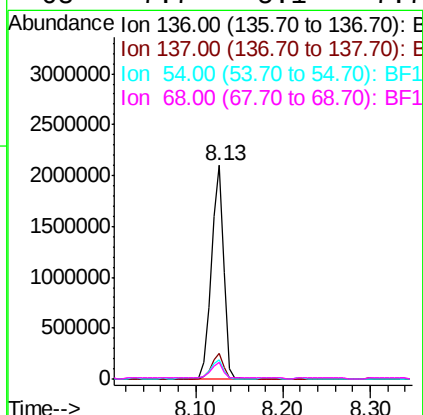
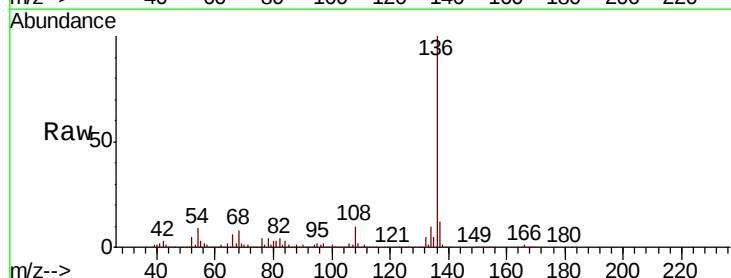
Ion Ratio Lower Upper

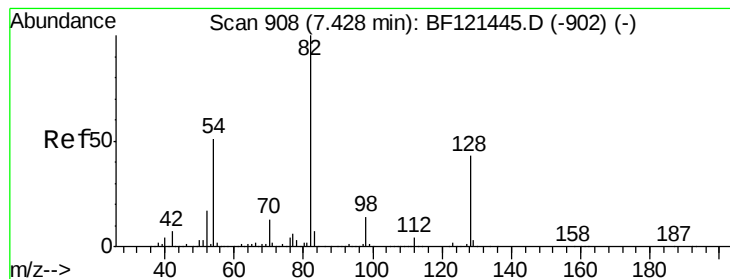
136 100

137 11.8 8.9 13.3

54 8.9 6.2 9.4

68 7.7 5.1 7.7





#23

Nitrobenzene-d5

Concen: 40.967 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF121519.D

Acq: 2 Sep 2020 17:57

Instrument :

BNA_F

ClientSampleId :

HAM-WC-L-VB01

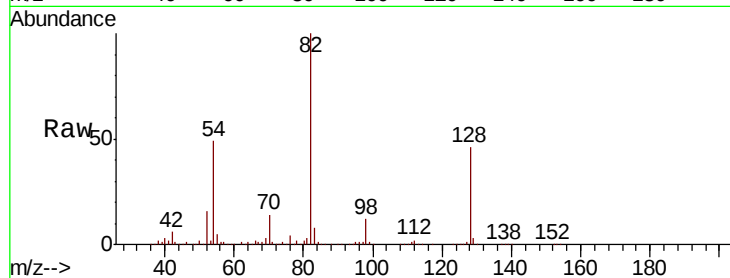
Tot Ion: 82 Resp: 1215294

Ion Ratio Lower Upper

82 100

128 45.9 37.3 55.9

54 48.6 39.0 58.6



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

7.40

1500000

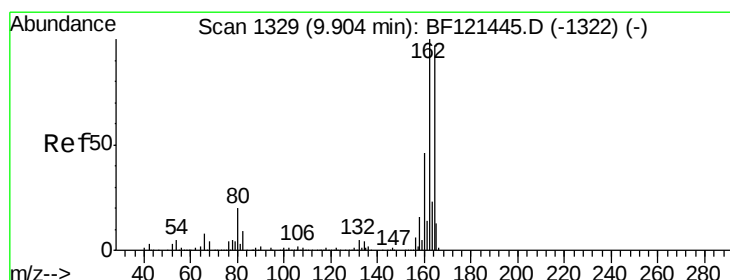
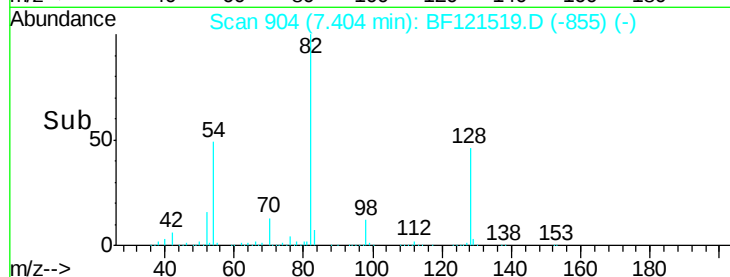
1000000

500000

0

Time-->

7.35 7.40 7.45



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF121519.D

Acq: 2 Sep 2020 17:57

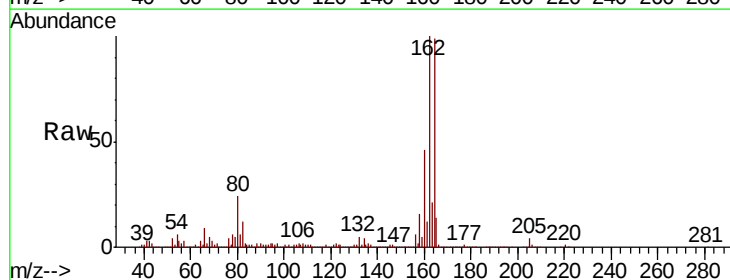
Tgt Ion:164 Resp: 1068361

Ion Ratio Lower Upper

164 100

162 101.4 80.5 120.7

160 47.0 36.2 54.4



Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

9.88

1500000

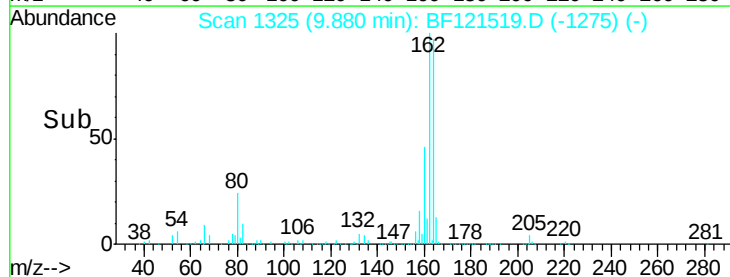
1000000

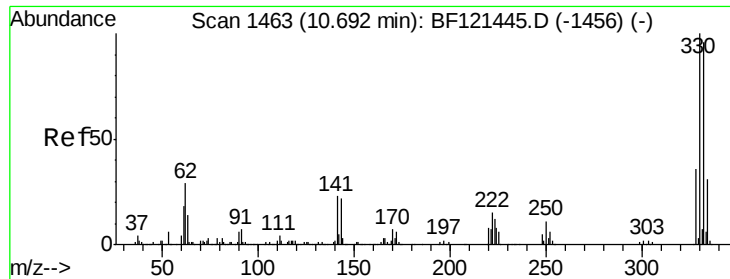
500000

0

Time-->

9.80 9.90





#42

2,4,6-Tribromophenol

Concen: 10.310 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF121519.D

Acq: 2 Sep 2020 17:57

Instrument :

BNA_F

ClientSampleId :

HAM-WC-L-VB01

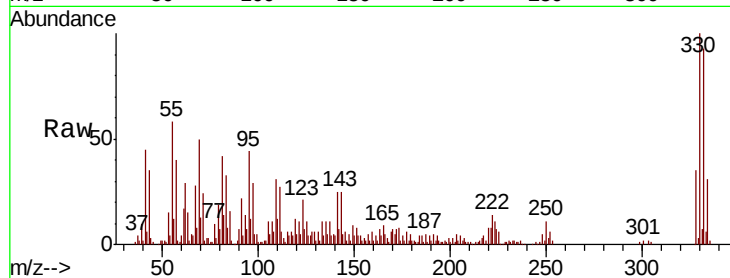
Tot Ion:330 Resp: 111254

Ion Ratio Lower Upper

330 100

332 94.7 76.2 114.2

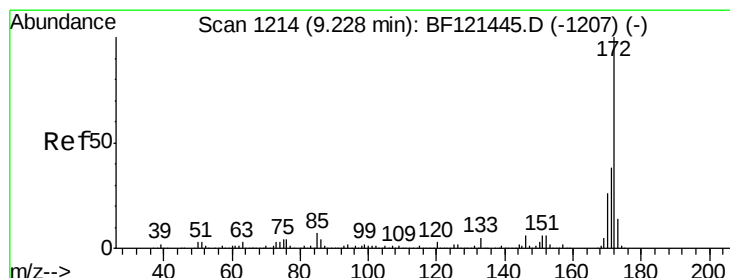
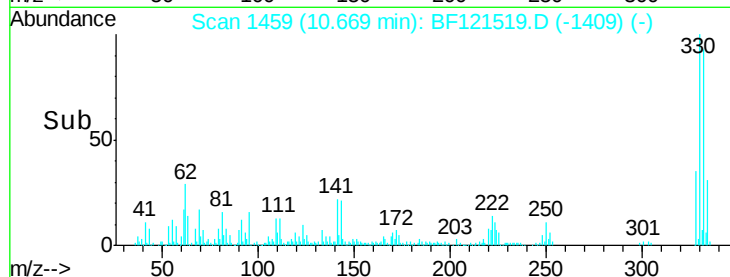
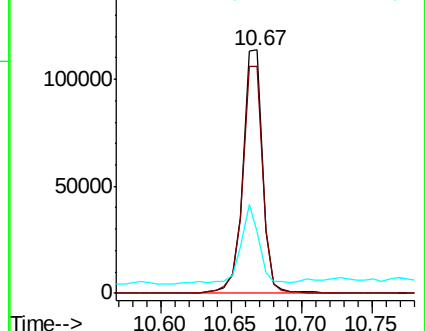
141 31.5 22.6 34.0



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



#45

2-Fluorobiphenyl

Concen: 34.074 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BF121519.D

Acq: 2 Sep 2020 17:57

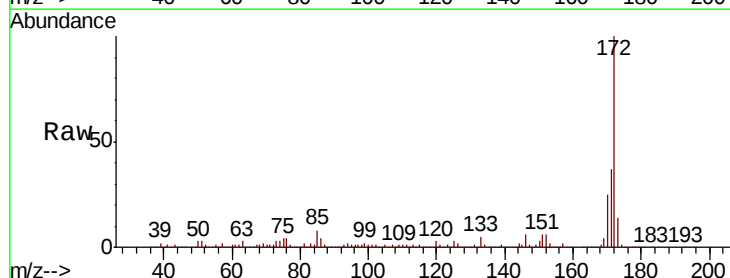
Tgt Ion:172 Resp: 2256105

Ion Ratio Lower Upper

172 100

171 37.3 30.4 45.6

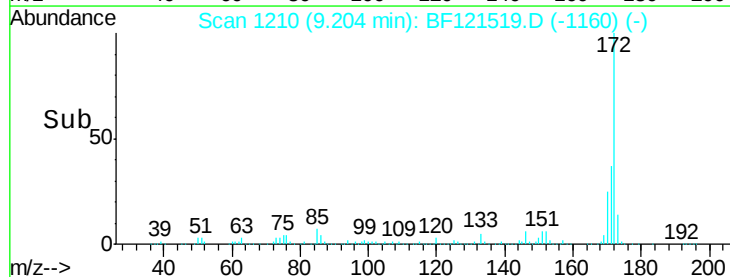
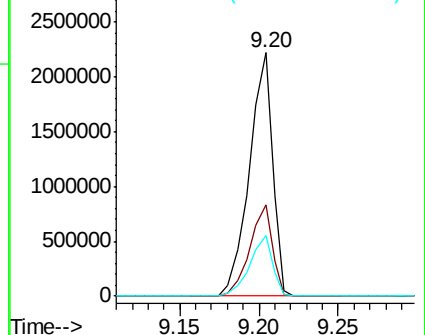
170 24.7 20.7 31.1

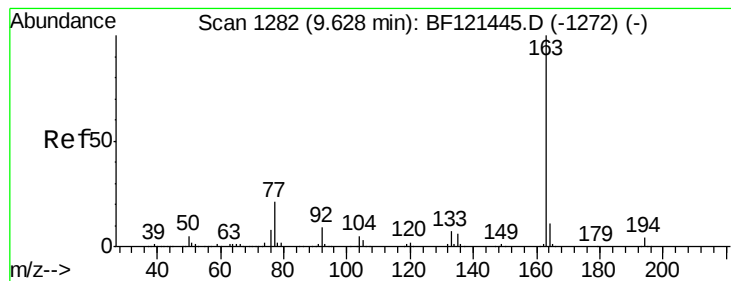


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 5.999 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.02 min

Lab File: BF121519.D

Acq: 2 Sep 2020 17:57

Instrument :

BNA_F

ClientSampleId :

HAM-WC-L-VB01

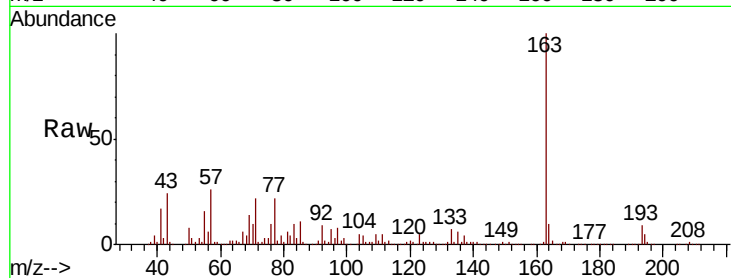
Tot Ion:163 Resp: 440221

Ion Ratio Lower Upper

163 100

194 5.3 3.3 4.9#

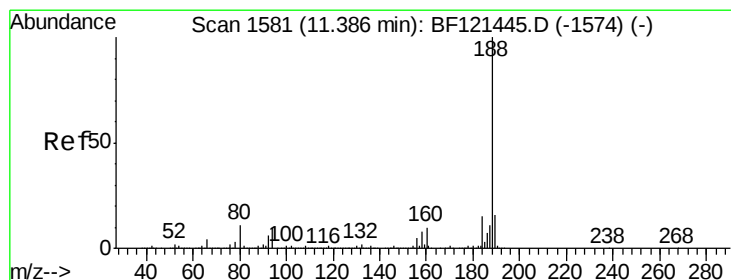
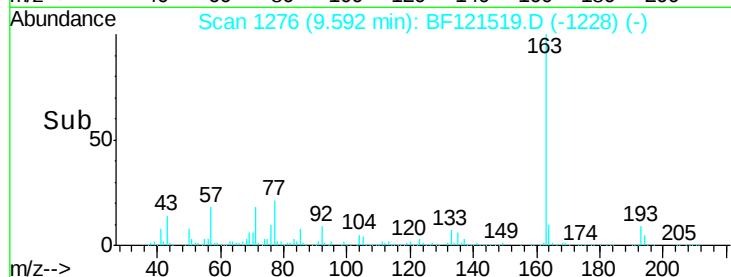
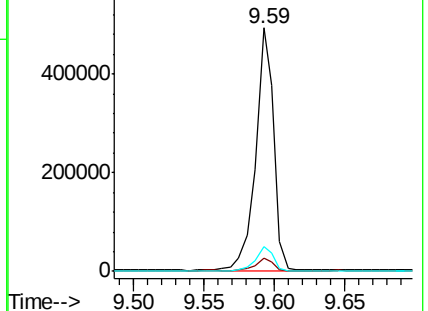
164 10.4 8.6 13.0



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: 11.37 min Scan# 1578

Delta R.T. 0.00 min

Lab File: BF121519.D

Acq: 2 Sep 2020 17:57

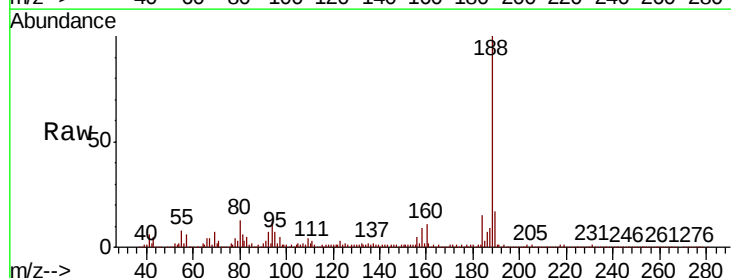
Tgt Ion:188 Resp: 1780413

Ion Ratio Lower Upper

188 100

94 12.1 8.8 13.2

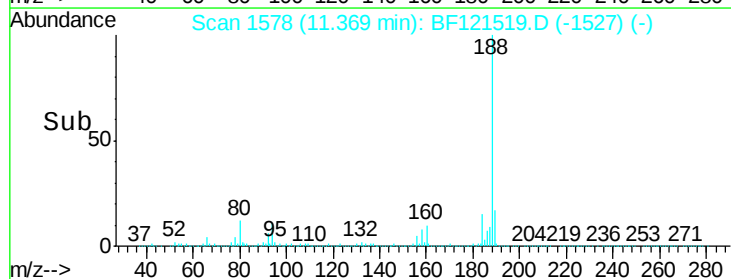
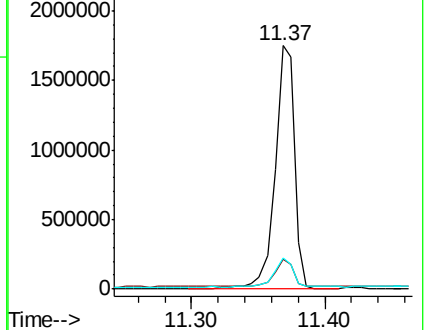
80 12.8 9.1 13.7

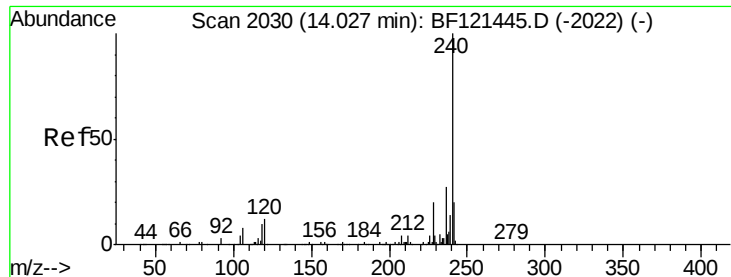


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

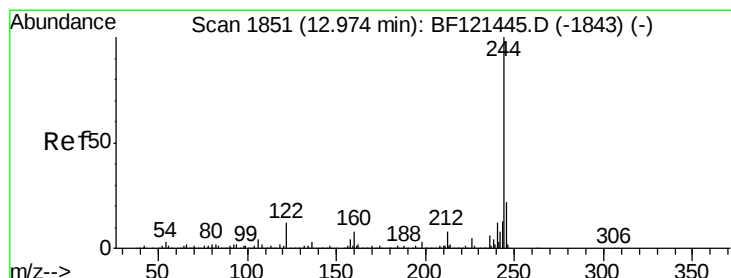
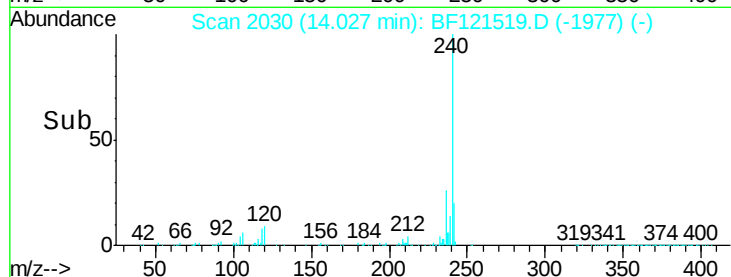
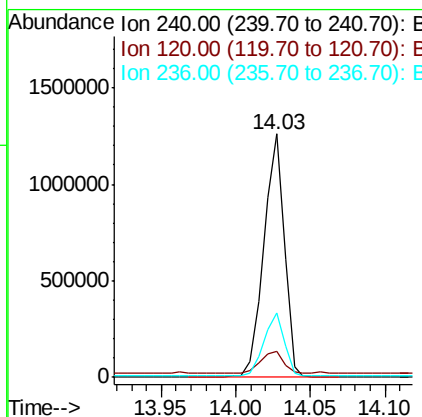
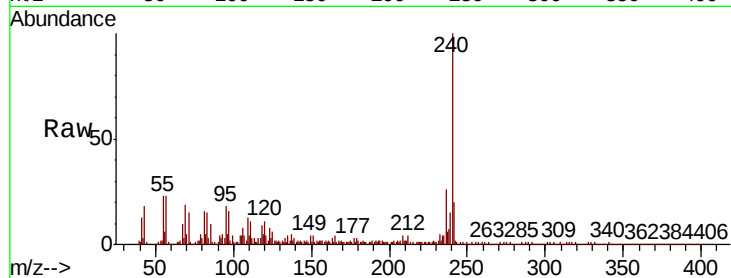




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.01 min
Lab File: BF121519.D
Acq: 2 Sep 2020 17:57

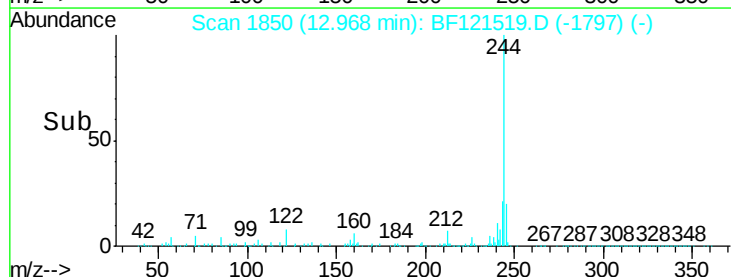
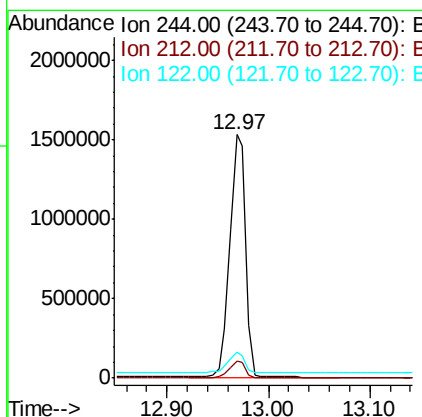
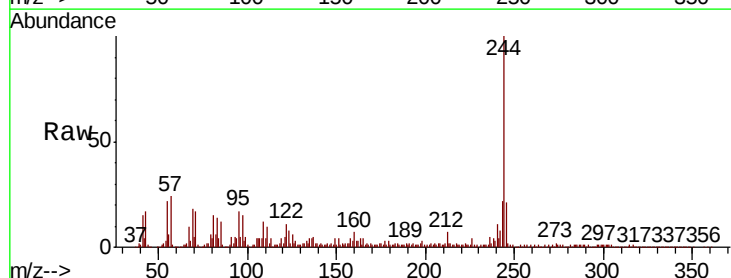
Instrument :
BNA_F
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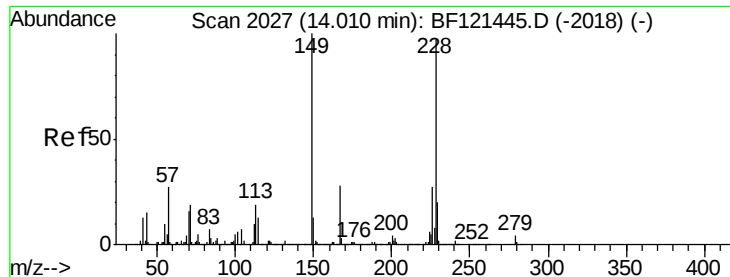
Tot Ion:240 Resp: 1178854
Ion Ratio Lower Upper
240 100
120 10.9 8.0 12.0
236 26.4 21.4 32.2



#79
Terphenyl-d14
Concen: 29.234 ng
RT: 12.97 min Scan# 1850
Delta R.T. 0.01 min
Lab File: BF121519.D
Acq: 2 Sep 2020 17:57

Tgt Ion:244 Resp: 1637216
Ion Ratio Lower Upper
244 100
212 6.9 6.0 9.0
122 10.5 9.3 13.9





#84

Bis(2-ethylhexyl)phthalate

Concen: 6.250 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BF121519.D

Acq: 2 Sep 2020 17:57

Instrument :

BNA_F

ClientSampleId :

HAM-WC-L-VB01

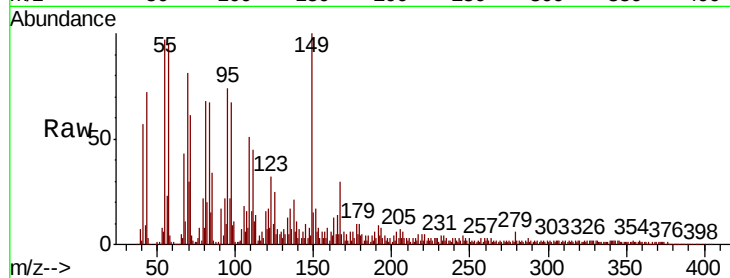
Tot Ion:149 Resp: 261838

Ion Ratio Lower Upper

149 100

167 29.7 22.9 34.3

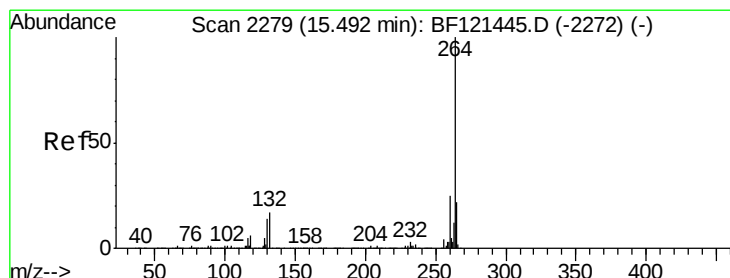
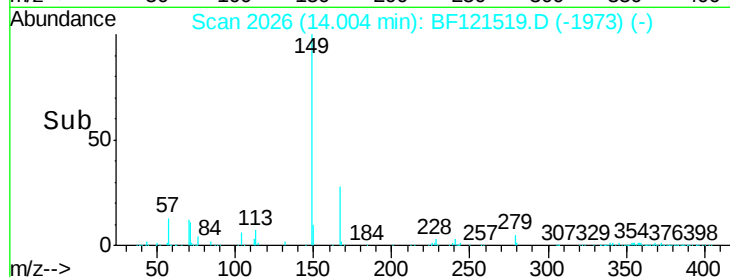
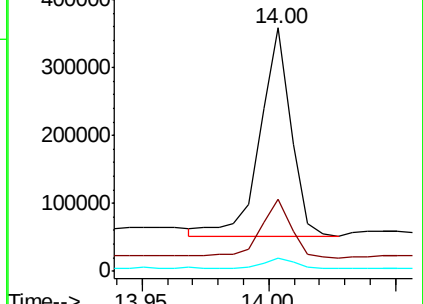
279 5.6 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2279

Delta R.T. 0.02 min

Lab File: BF121519.D

Acq: 2 Sep 2020 17:57

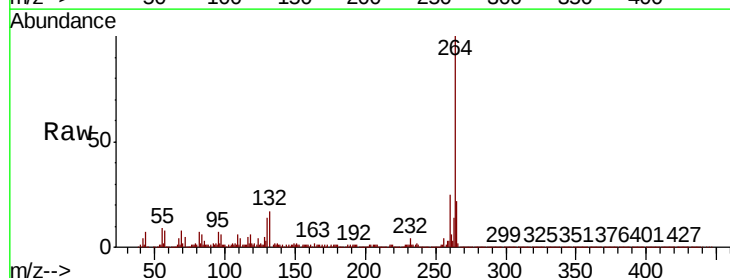
Tgt Ion:264 Resp: 1456344

Ion Ratio Lower Upper

264 100

260 25.0 19.7 29.5

265 22.2 17.4 26.2



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

