

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031220\
 Data File : BF119372.D
 Acq On : 12 Mar 2020 10:26
 Operator : CG/JU
 Sample : L1849-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-230-218-211-216-242

Quant Time: Mar 13 00:06:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

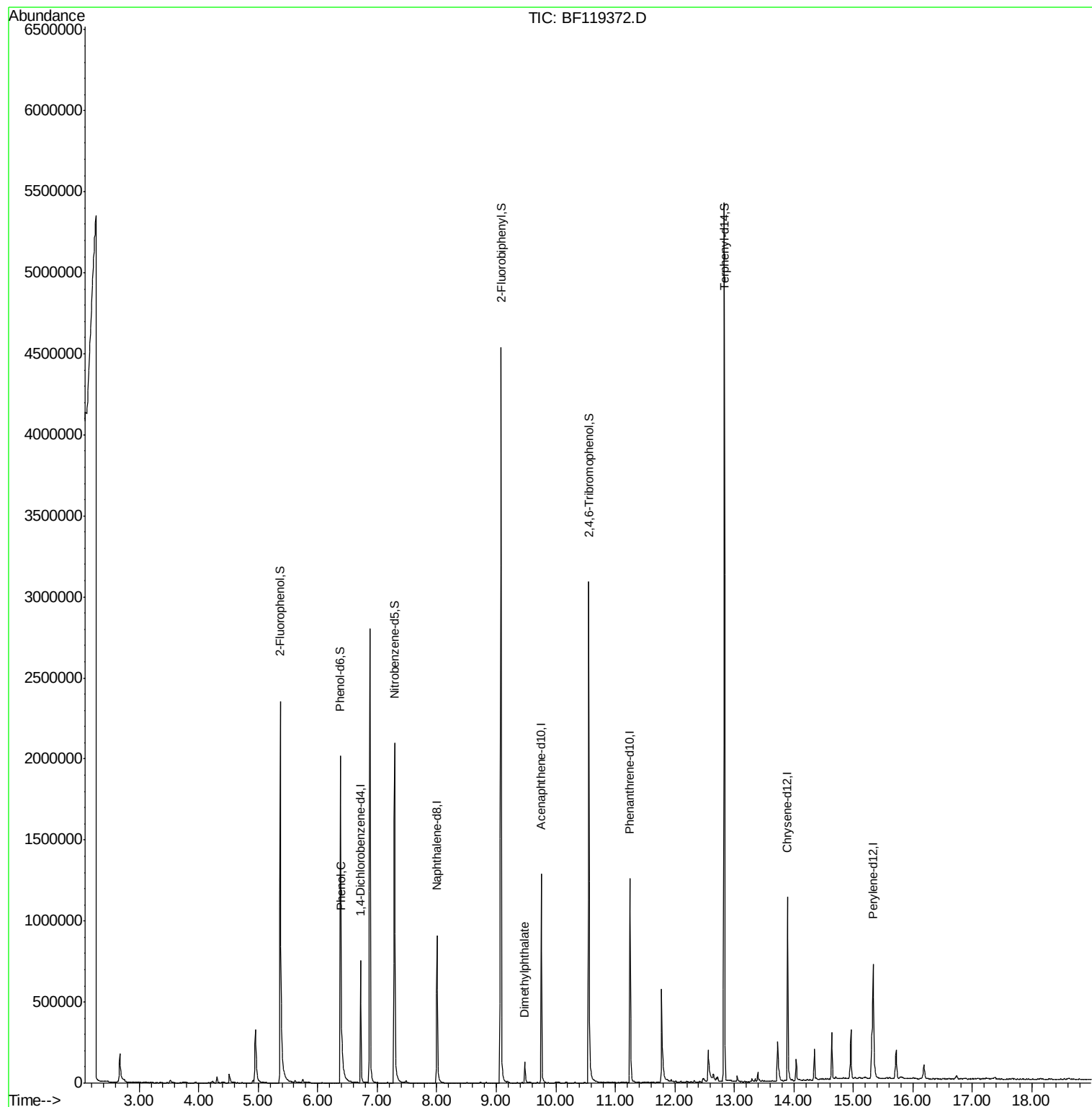
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	123800	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	483352	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	274465	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	522230	20.00	ng	0.00
76) Chrysene-d12	13.89	240	415369	20.00	ng	0.00
87) Perylene-d12	15.33	264	402108	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	883227	119.23	ng	0.02
7) Phenol-d6	6.38	99	964556	107.06	ng	0.00
23) Nitrobenzene-d5	7.29	82	812799	88.79	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	479035	133.42	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1591307	85.41	ng	0.00
79) Terphenyl-d14	12.83	244	2084066	86.38	ng	0.00
Target Compounds						
10) Phenol	6.40	94	30420	3.123	ng	Qvalue # 79
50) Dimethylphthalate	9.48	163	63705	3.035	ng	100

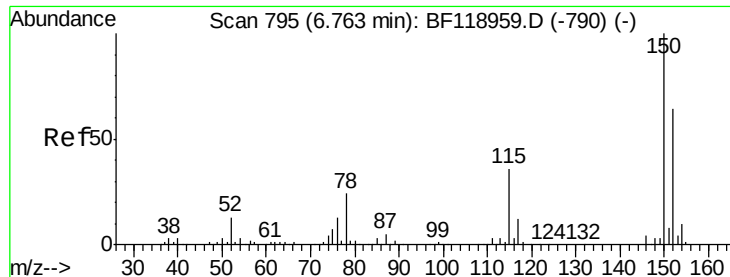
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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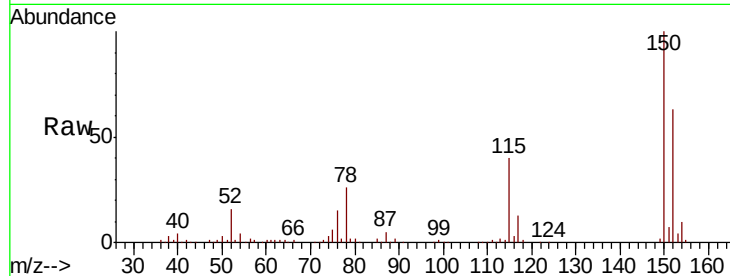


#1

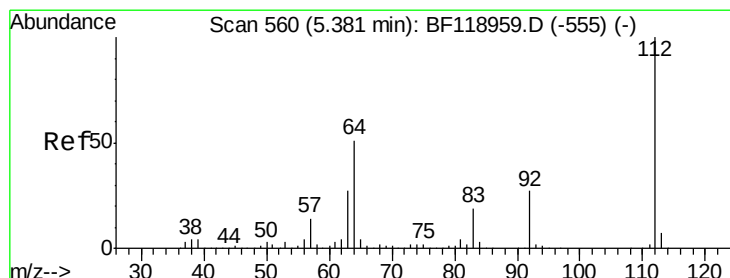
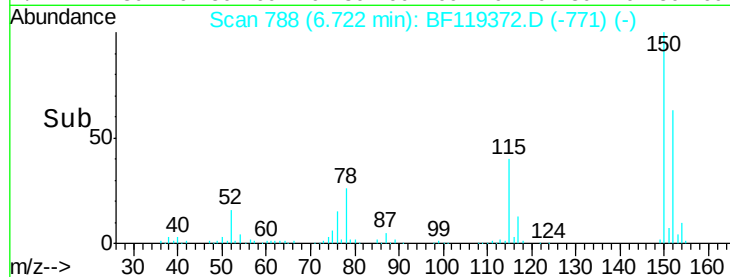
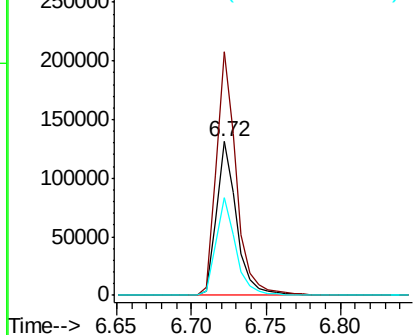
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF119372.D
Acq: 12 Mar 2020 10:26

Instrument :
BNA_F
ClientSampleId :
VNJ-230-218-211-216-242

Tot Ion:152 Resp: 123800
Ion Ratio Lower Upper
152 100
150 158.7 123.0 184.6
115 63.7 49.5 74.3



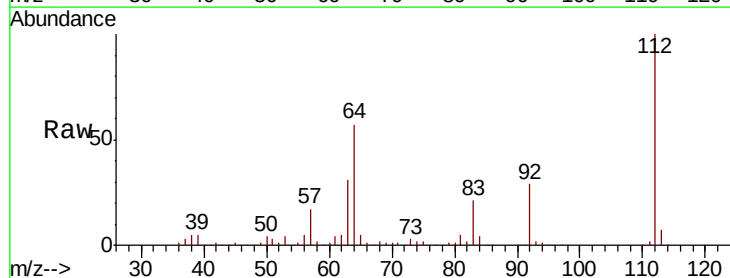
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



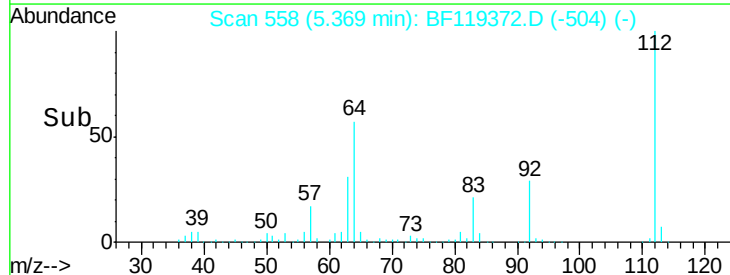
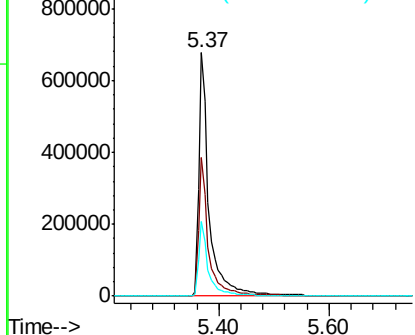
#5

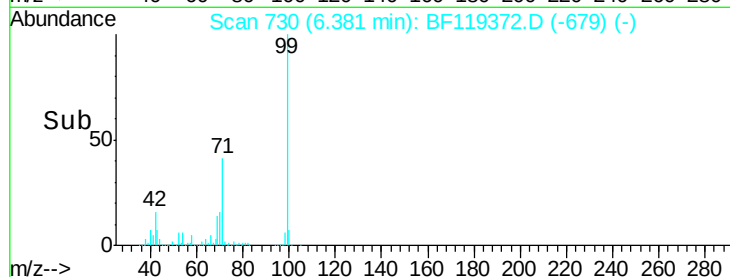
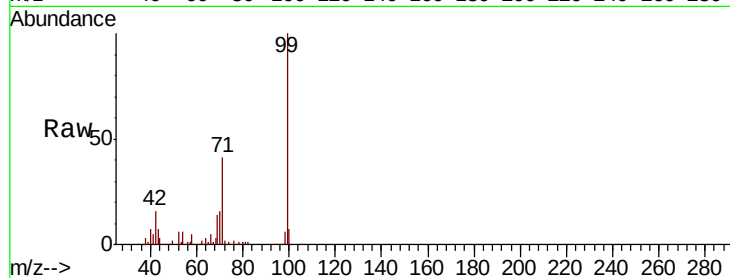
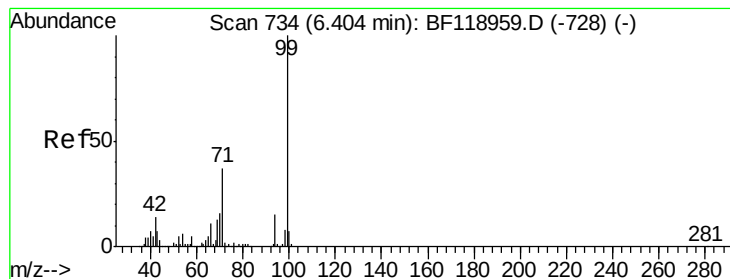
2-Fluorophenol
Concen: 119.227 ng
RT: 5.37 min Scan# 558
Delta R.T. 0.02 min
Lab File: BF119372.D
Acq: 12 Mar 2020 10:26

Tgt Ion:112 Resp: 883227
Ion Ratio Lower Upper
112 100
64 57.1 45.0 67.4
63 30.7 24.2 36.4



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: 107.061 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF119372.D

Acq: 12 Mar 2020 10:26

Instrument :

BNA_F

ClientSampleId :

VNJ-230-218-211-216-242

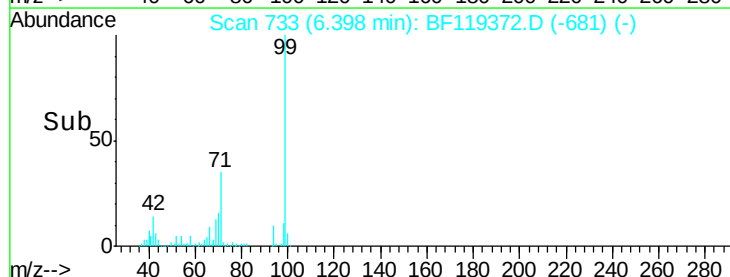
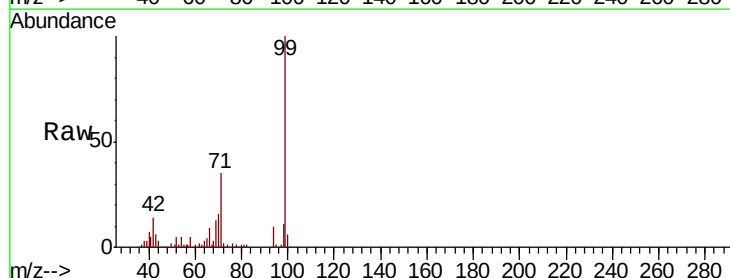
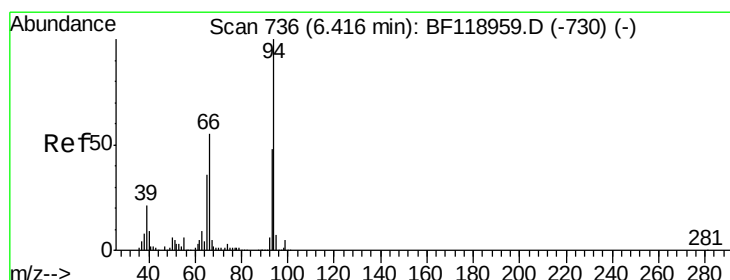
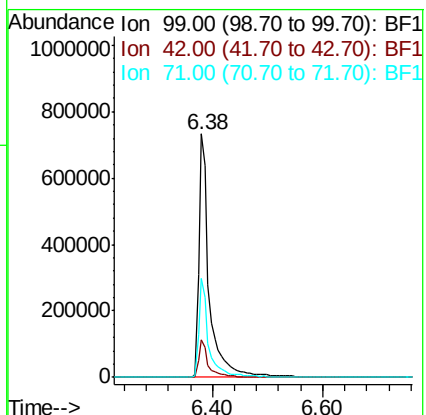
Tot Ion: 99 Resp: 964556

Ion Ratio Lower Upper

99 100

42 15.5 12.6 18.8

71 40.5 31.0 46.4



#10

Phenol

Concen: 3.123 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF119372.D

Acq: 12 Mar 2020 10:26

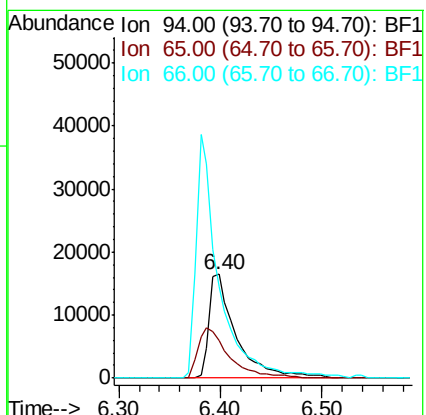
Tgt Ion: 94 Resp: 30420

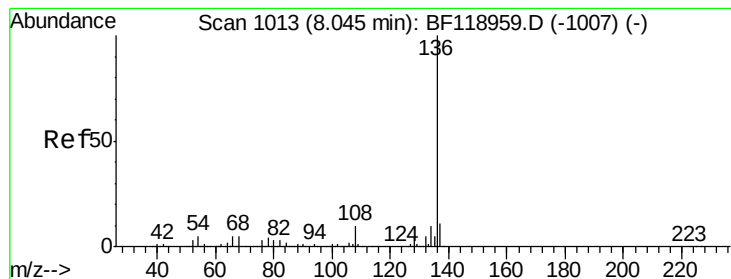
Ion Ratio Lower Upper

94 100

65 36.0 19.2 59.2

66 88.2 44.4 84.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF119372.D

Acq: 12 Mar 2020 10:26

Instrument :

BNA_F

ClientSampleId :

VNJ-230-218-211-216-242

Tot Ion:136 Resp: 483352

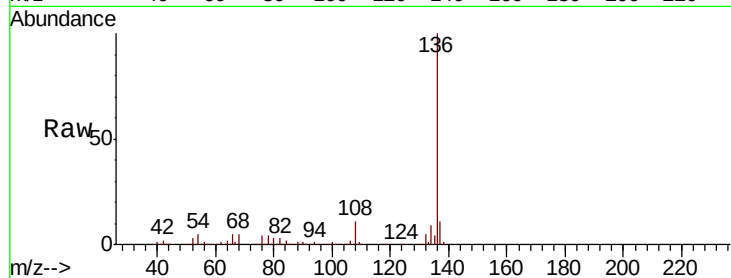
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 4.9 3.8 5.6

68 5.1 3.9 5.9

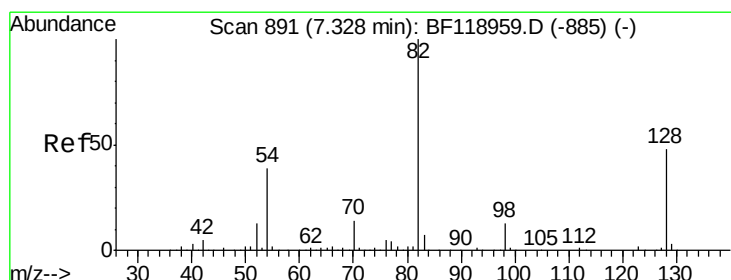
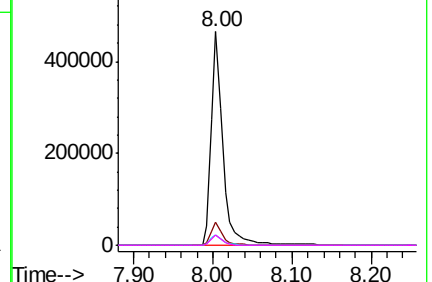
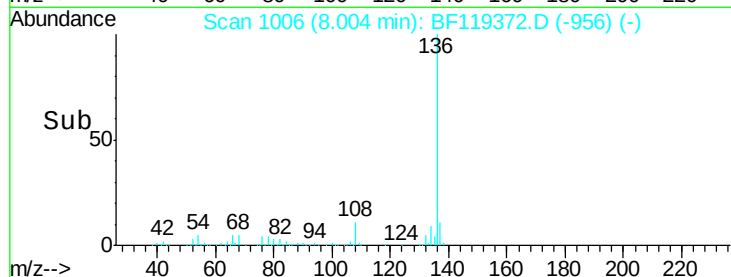


Abundance Ion 136.00 (135.70 to 136.70): E

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: 88.788 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF119372.D

Acq: 12 Mar 2020 10:26

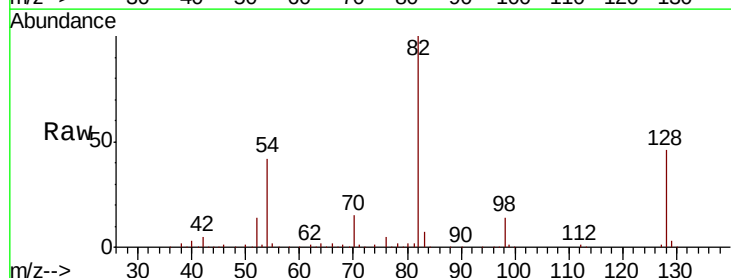
Tgt Ion: 82 Resp: 812799

Ion Ratio Lower Upper

82 100

128 45.7 37.9 56.9

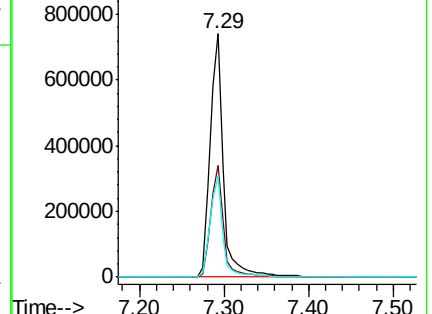
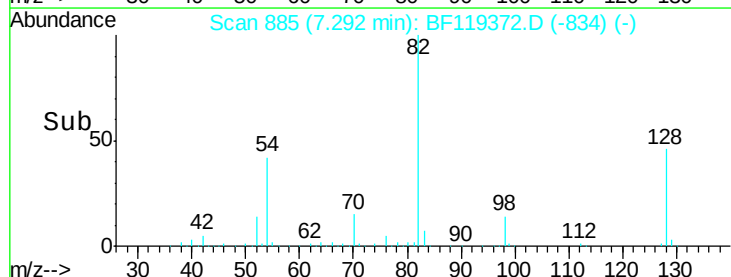
54 41.6 33.4 50.2

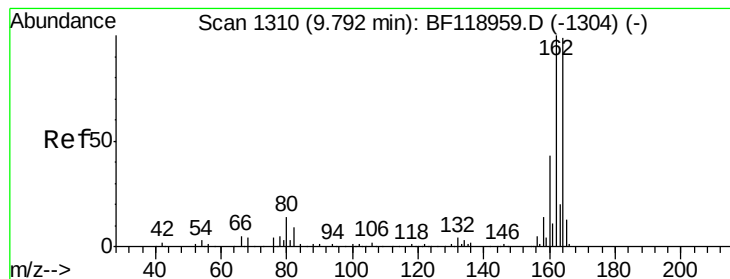


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF119372.D

Acq: 12 Mar 2020 10:26

Instrument :

BNA_F

ClientSampleId :

VNJ-230-218-211-216-242

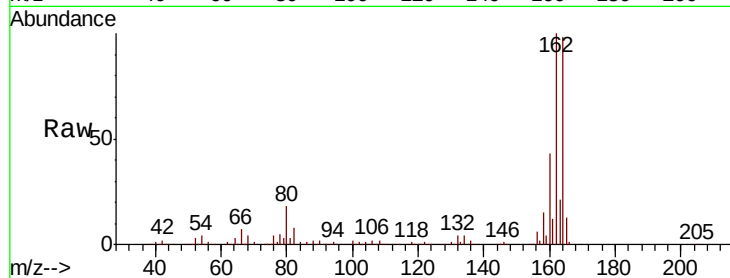
Tot Ion:164 Resp: 274465

Ion Ratio Lower Upper

164 100

162 102.0 81.8 122.8

160 43.4 36.0 54.0

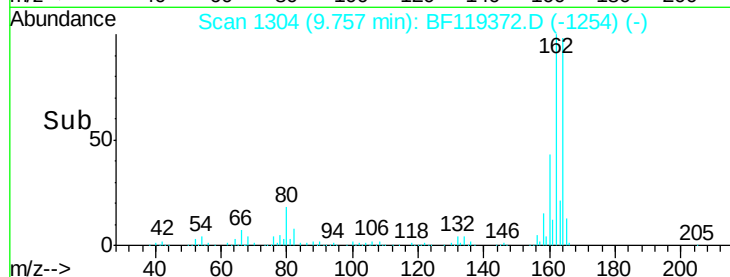


Abundance Ion 164.00 (163.70 to 164.70): E

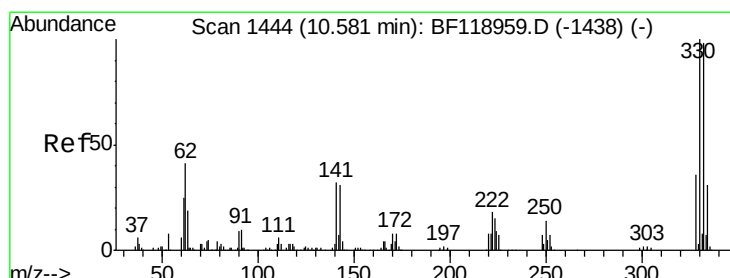
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

9.76



Time-->



#42

2,4,6-Tribromophenol

Concen: 133.419 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF119372.D

Acq: 12 Mar 2020 10:26

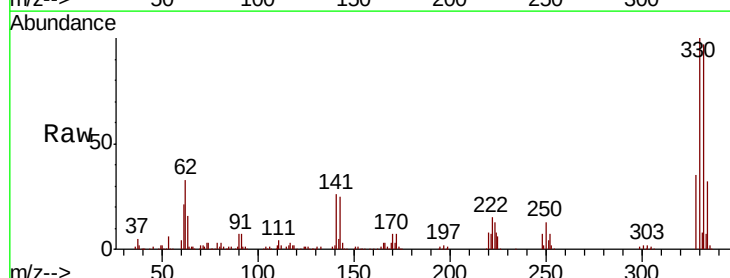
Tgt Ion:330 Resp: 479035

Ion Ratio Lower Upper

330 100

332 95.8 76.0 114.0

141 29.6 22.9 34.3

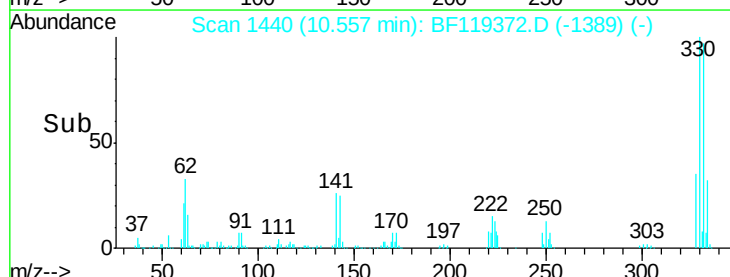


Abundance Ion 329.80 (329.50 to 330.50): E

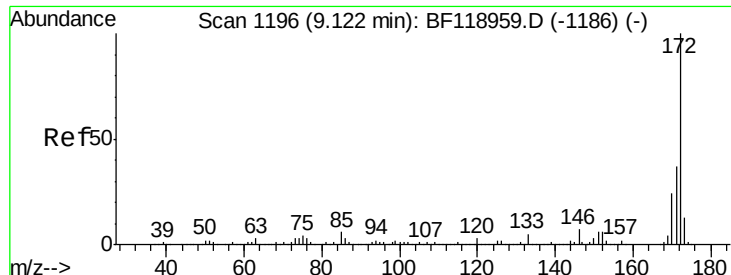
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

10.56



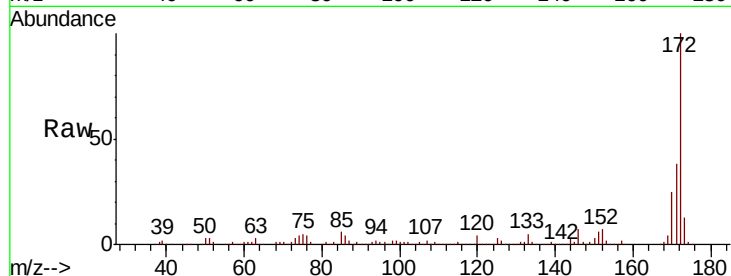
Time-->



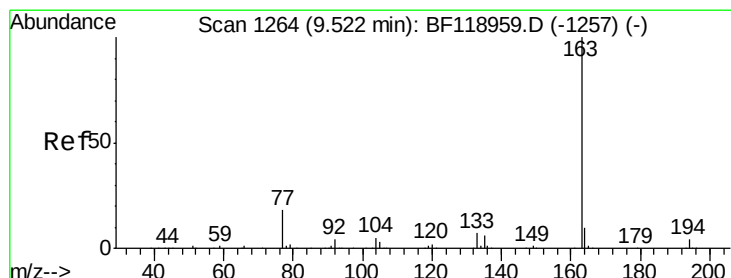
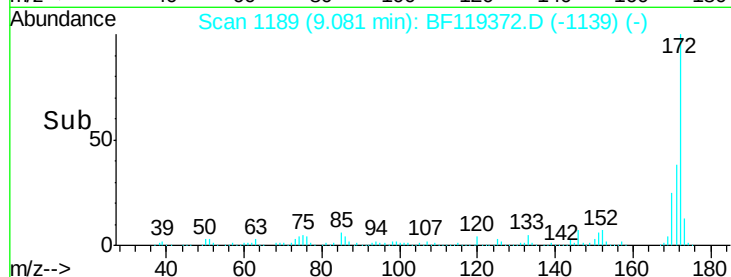
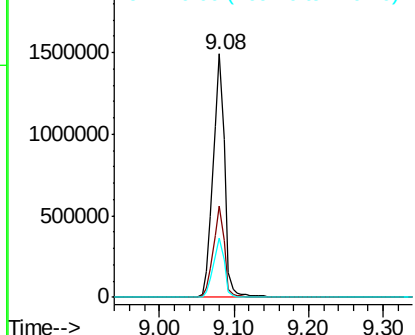
#45
2-Fluorobiphenyl
Concen: 85.412 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF119372.D
Acq: 12 Mar 2020 10:26

Instrument :
BNA_F
ClientSampleId :
VNJ-230-218-211-216-242

Tot Ion:172 Resp: 1591307
Ion Ratio Lower Upper
172 100
171 37.5 30.6 45.8
170 24.6 20.2 30.2

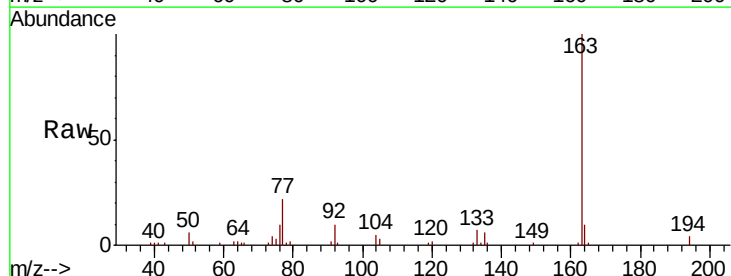


Abundance Ion 172.00 (171.70 to 172.70): E
2000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

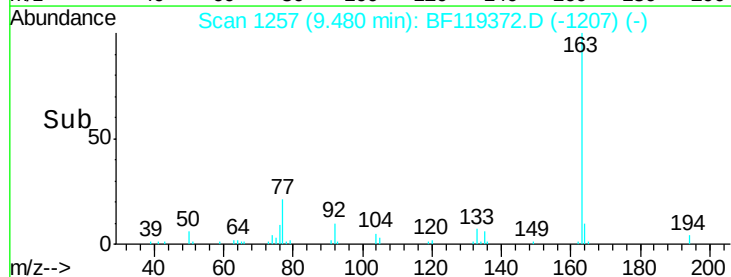
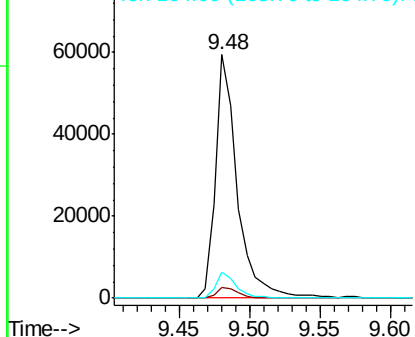


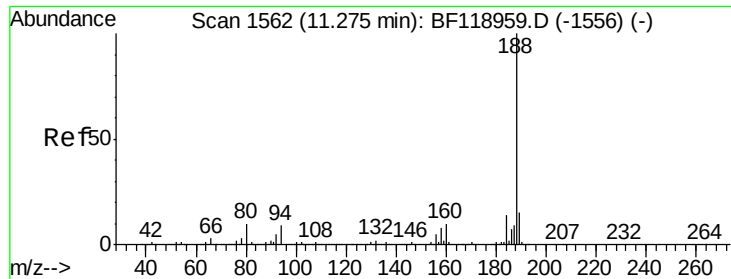
#50
Dimethylphthalate
Concen: 3.035 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF119372.D
Acq: 12 Mar 2020 10:26

Tgt Ion:163 Resp: 63705
Ion Ratio Lower Upper
163 100
194 4.2 3.5 5.3
164 10.5 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
80000 Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

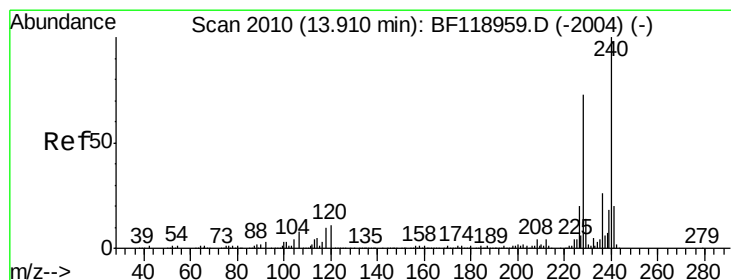
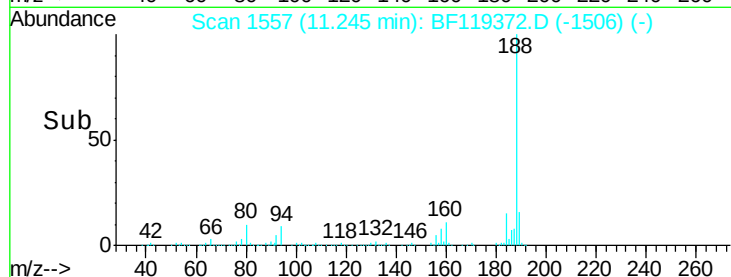
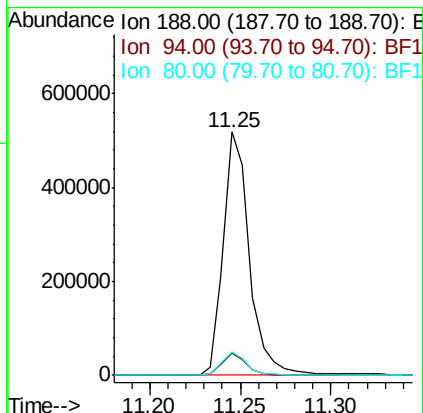
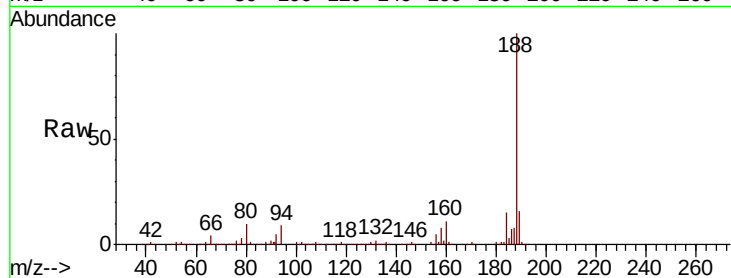




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF119372.D
Acq: 12 Mar 2020 10:26

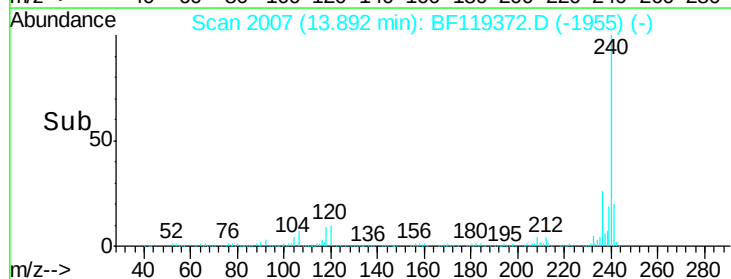
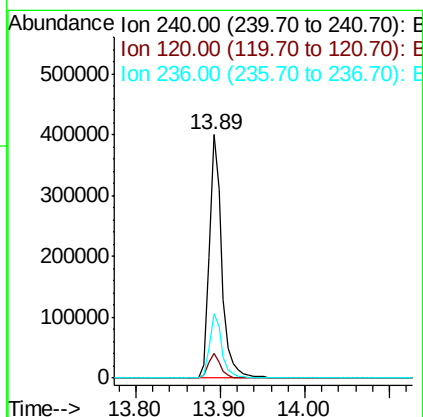
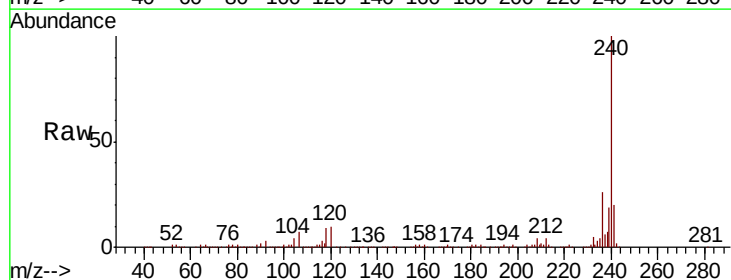
Instrument :
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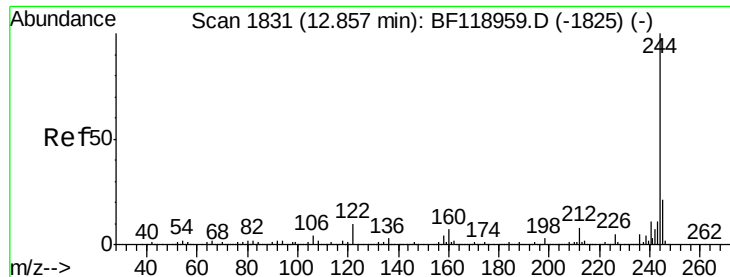
Tot Ion:188 Resp: 522230
Ion Ratio Lower Upper
188 100
94 9.0 7.1 10.7
80 9.7 7.8 11.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. 0.01 min
Lab File: BF119372.D
Acq: 12 Mar 2020 10:26

Tgt Ion:240 Resp: 415369
Ion Ratio Lower Upper
240 100
120 9.9 8.4 12.6
236 26.2 21.0 31.4





#79

Terphenyl-d14

Concen: 86.383 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.01 min

Lab File: BF119372.D

Acq: 12 Mar 2020 10:26

Instrument :

BNA_F

ClientSampleId :

VNJ-230-218-211-216-242

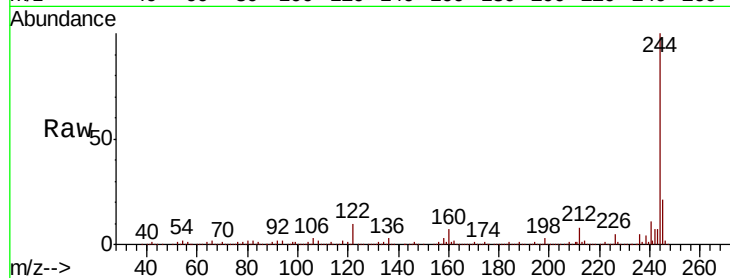
Tot Ion:244 Resp: 2084066

Ion Ratio Lower Upper

244 100

212 7.7 6.6 10.0

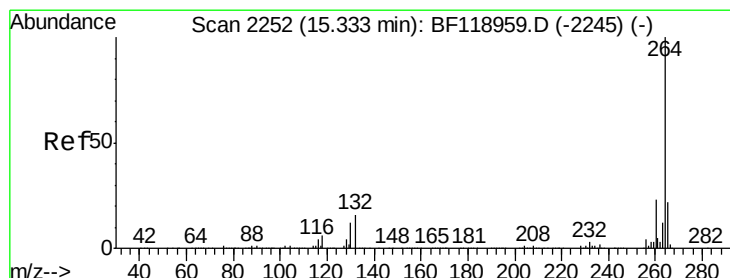
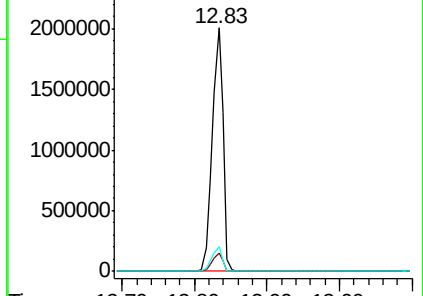
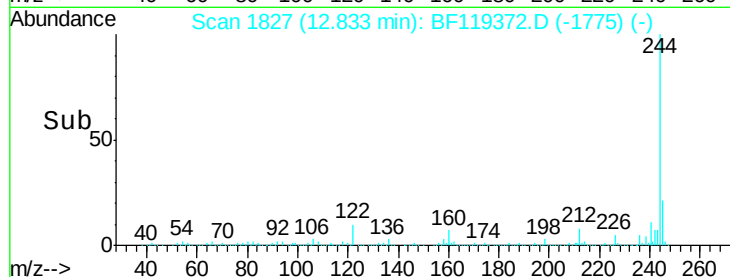
122 10.0 8.2 12.2



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: 15.33 min Scan# 2252

Delta R.T. 0.02 min

Lab File: BF119372.D

Acq: 12 Mar 2020 10:26

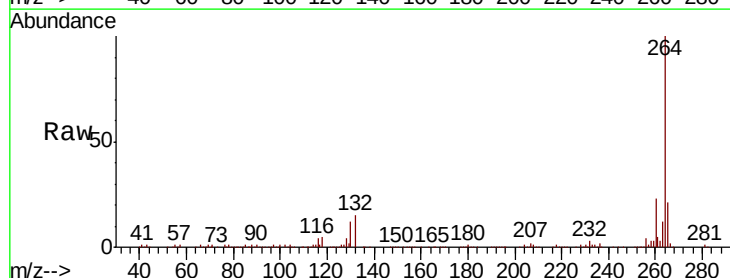
Tgt Ion:264 Resp: 402108

Ion Ratio Lower Upper

264 100

260 23.4 19.4 29.2

265 21.3 17.7 26.5



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

