

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF020519\
 Data File : BF112399.D
 Acq On : 5 Feb 2019 16:48
 Operator : JU/SJ
 Sample : K1341-01 10X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-020419-A

Quant Time: Feb 05 22:29:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

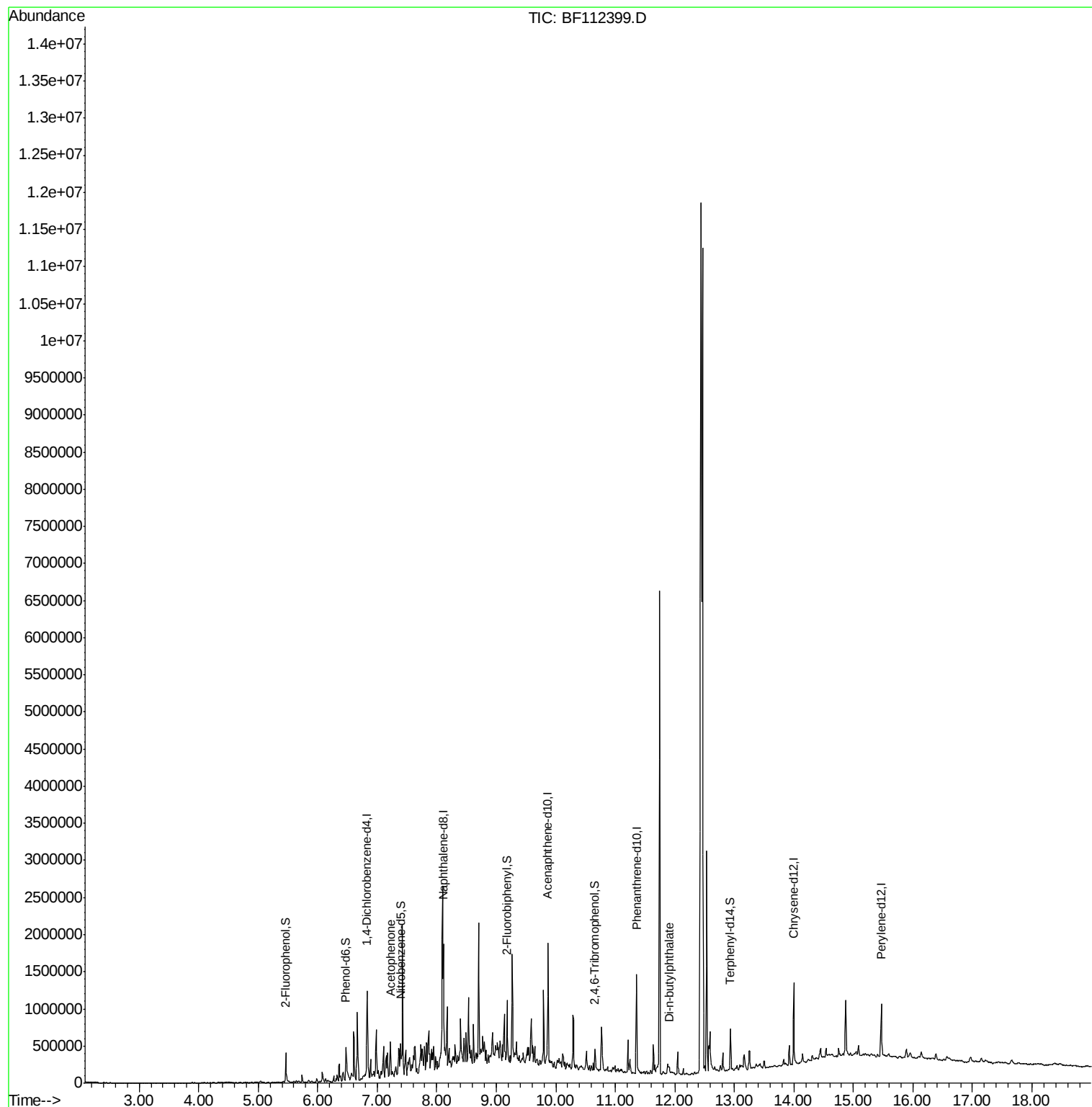
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	186857	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	684519	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	299571	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	483721	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	363047	20.00	ng	-0.01
87) Perylene-d12	15.47	264	292768	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	140534	15.97	ng	-0.02
7) Phenol-d6	6.47	99	187555	15.34	ng	-0.02
23) Nitrobenzene-d5	7.39	82	112306	9.45	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	42165	12.09	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	230085	10.86	ng	-0.02
79) Terphenyl-d14	12.93	244	170549	8.85	ng	-0.02
Target Compounds						
22) Acetophenone	7.22	105	50330	3.020	ng	Qvalue # 45
74) Di-n-butylphthalate	11.91	149	65883	2.148	ng	99

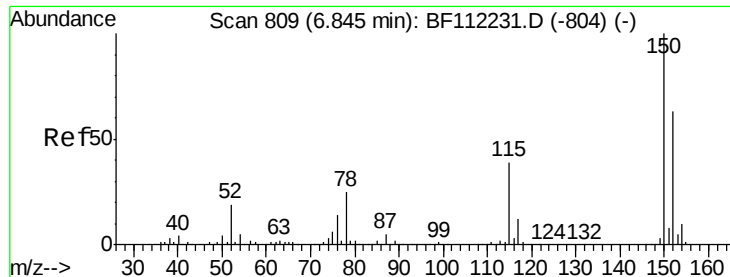
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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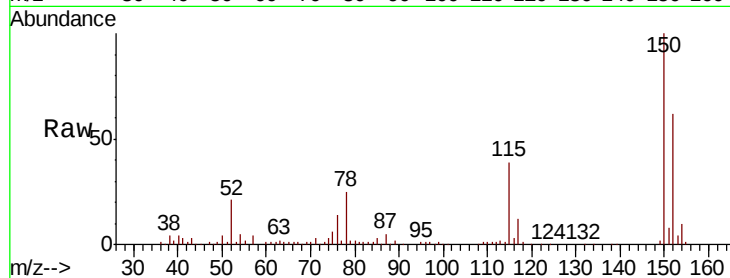


#1

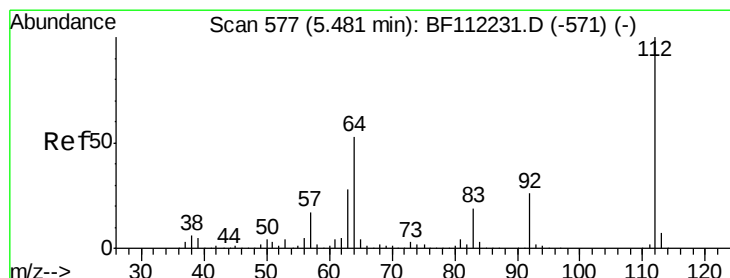
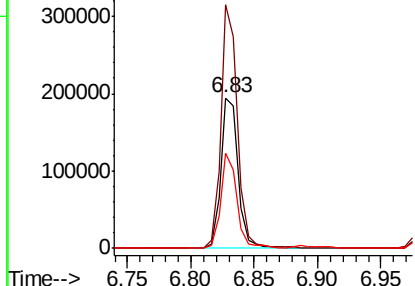
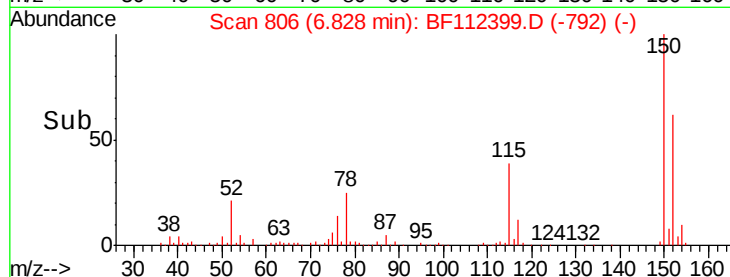
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.02 min
 Lab File: BF112399.D
 Acq: 5 Feb 2019 16:48

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-020419-A

Tgt Ion:152 Resp: 186857
 Ion Ratio Lower Upper
 152 100
 150 161.6 127.4 191.0
 115 63.1 45.5 68.3



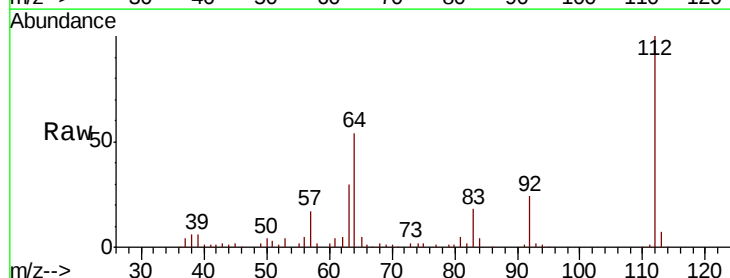
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



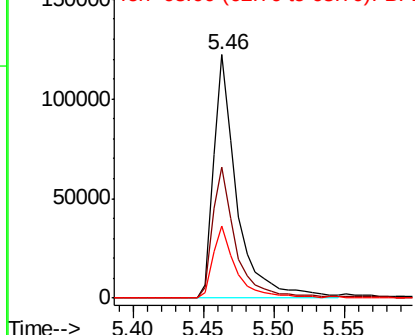
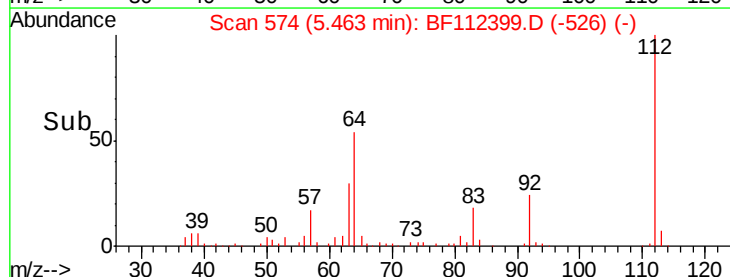
#5

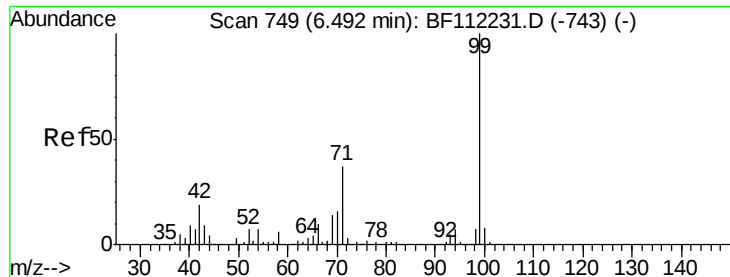
2-Fluorophenol
 Concen: 15.975 ng
 RT: 5.46 min Scan# 574
 Delta R.T. -0.02 min
 Lab File: BF112399.D
 Acq: 5 Feb 2019 16:48

Tgt Ion:112 Resp: 140534
 Ion Ratio Lower Upper
 112 100
 64 54.0 45.7 68.5
 63 29.8 23.6 35.4



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: 15.343 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF112399.D

Acq: 5 Feb 2019 16:48

Instrument :

BNA_F

ClientSampleId :

HR-05-020419-A

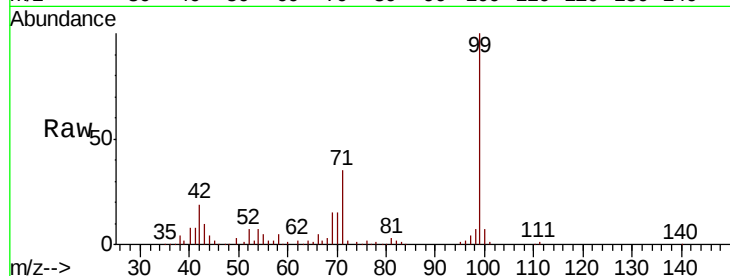
Tgt Ion: 99 Resp: 187555

Ion Ratio Lower Upper

99 100

42 18.9 15.1 22.7

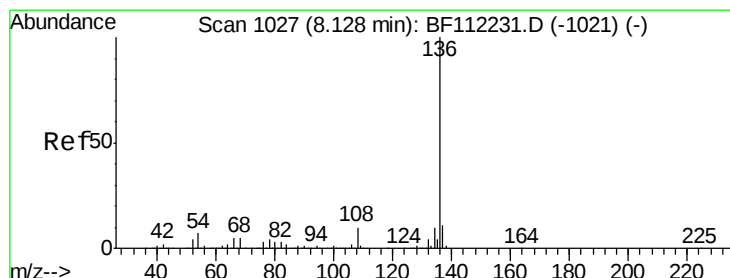
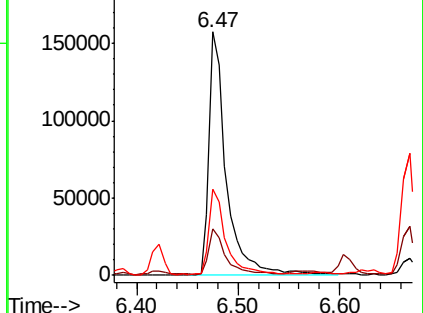
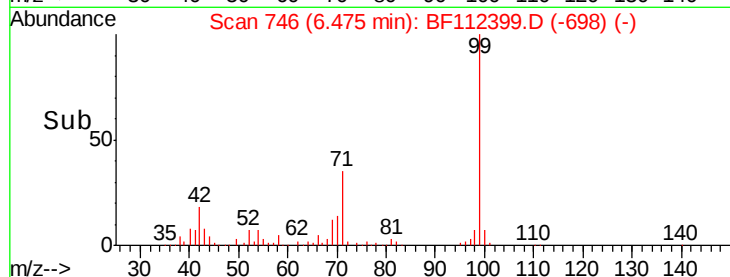
71 35.4 26.9 40.3



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF112399.D

Acq: 5 Feb 2019 16:48

Tgt Ion: 136 Resp: 684519

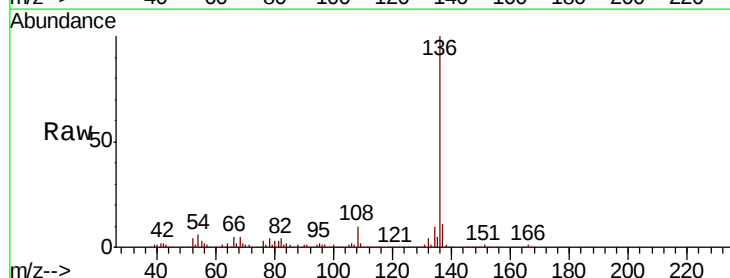
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 6.3 5.9 8.9

68 5.3 5.1 7.7

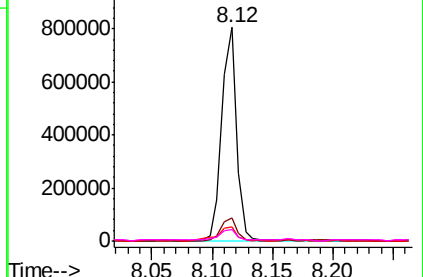
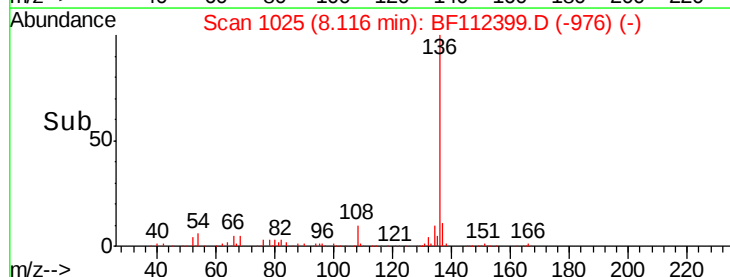


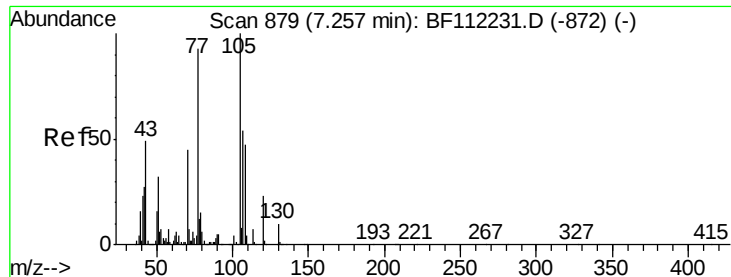
Abundance Ion 136.00 (135.70 to 136.70): E

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





#22

Acetophenone

Concen: 3.020 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.04 min

Lab File: BF112399.D

Acq: 5 Feb 2019 16:48

Instrument :

BNA_F

ClientSampleId :

HR-05-020419-A

Tgt Ion:105 Resp: 50330

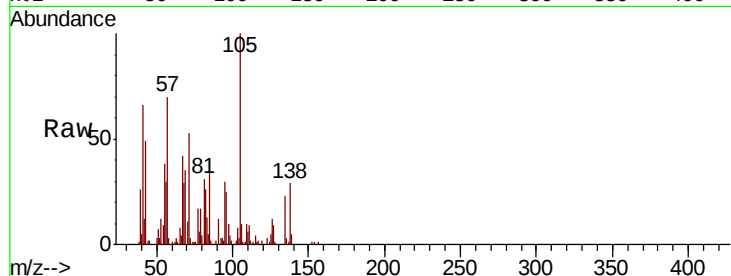
Ion Ratio Lower Upper

105 100

71 52.9 4.6 6.8#

51 7.2 25.0 37.6#

120 0.0 19.0 28.4#



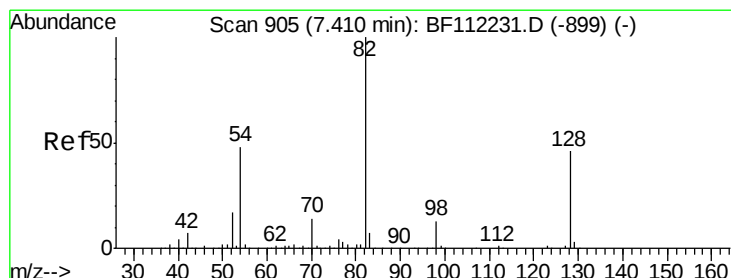
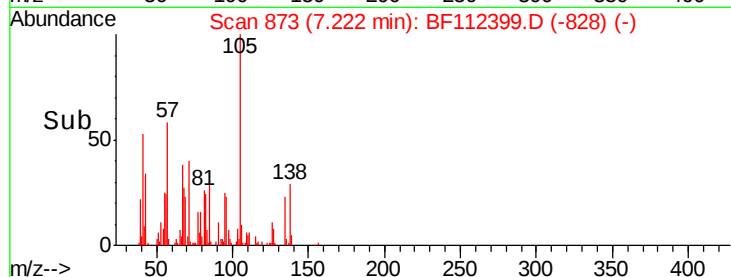
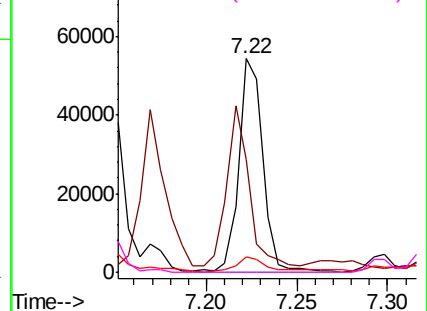
Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 9.453 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.02 min

Lab File: BF112399.D

Acq: 5 Feb 2019 16:48

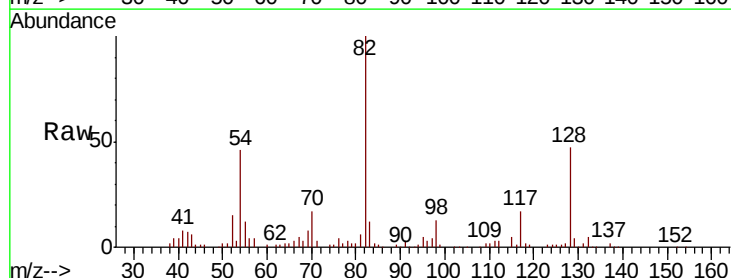
Tgt Ion: 82 Resp: 112306

Ion Ratio Lower Upper

82 100

128 46.5 37.8 56.8

54 46.2 39.7 59.5

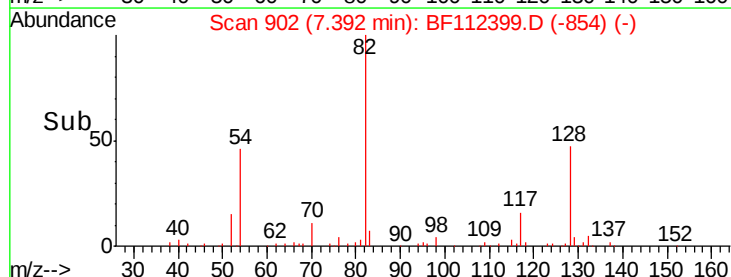
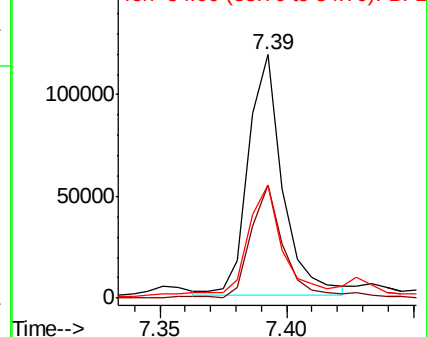


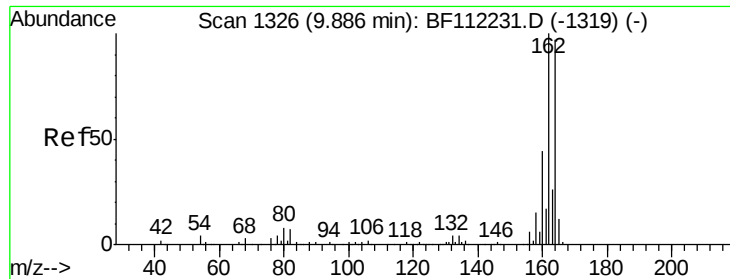
Abundance

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

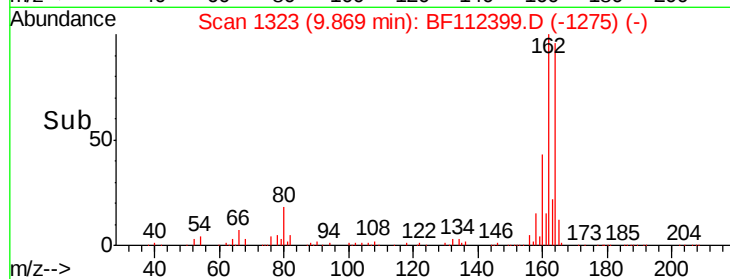
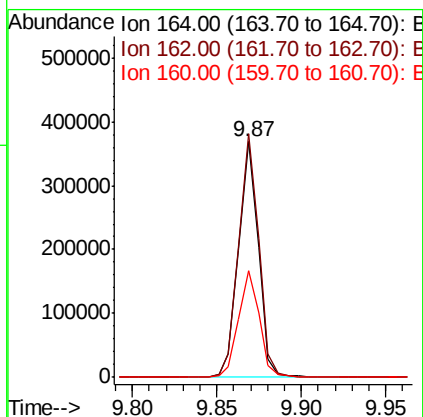
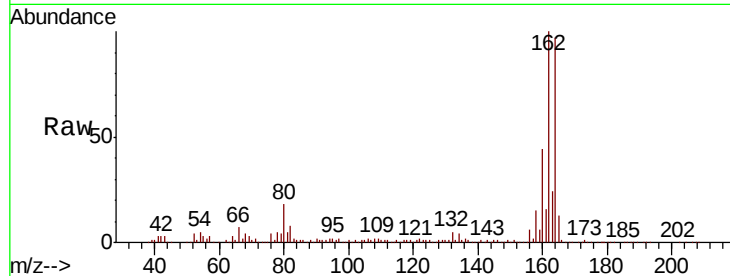




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF112399.D
 Acq: 5 Feb 2019 16:48

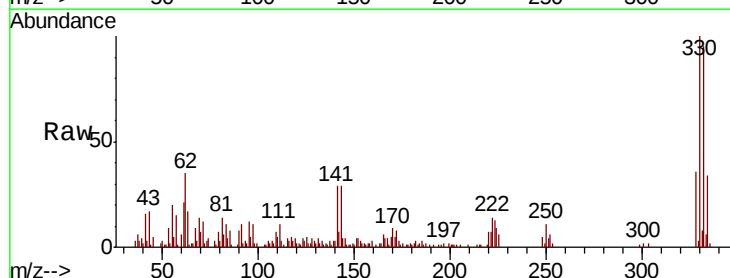
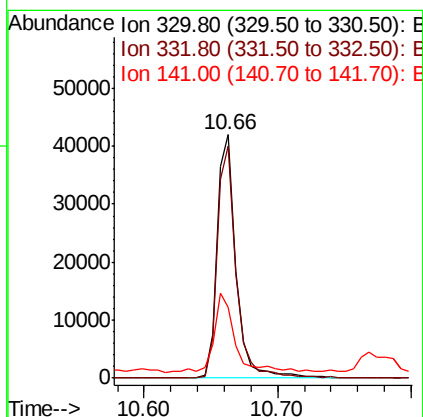
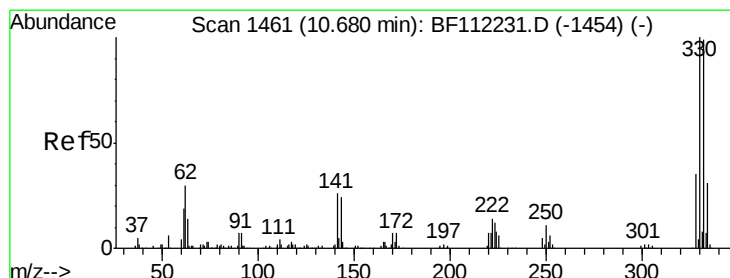
Instrument :
 BNA_F
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 HR-05-020419-A

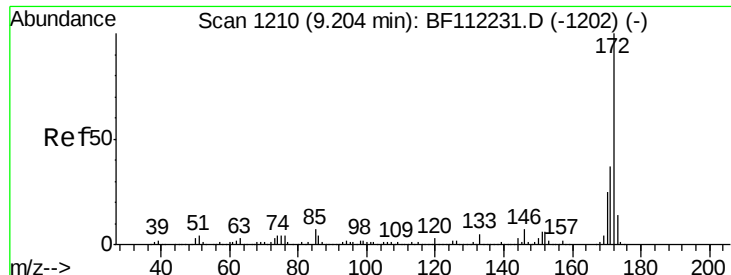
Tgt Ion:164 Resp: 299571
 Ion Ratio Lower Upper
 164 100
 162 103.4 82.2 123.4
 160 45.1 36.2 54.4



#42
 2,4,6-Tribromophenol
 Concen: 12.092 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.02 min
 Lab File: BF112399.D
 Acq: 5 Feb 2019 16:48

Tgt Ion:330 Resp: 42165
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.6 114.8
 141 38.6 24.3 36.5#

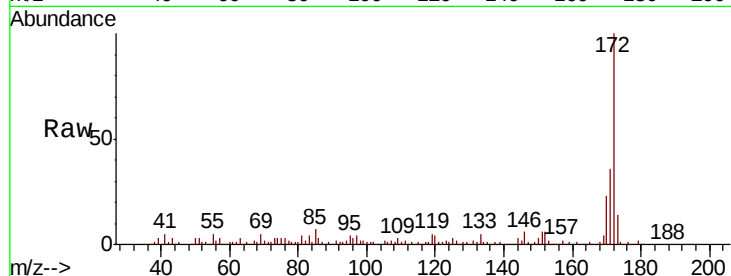




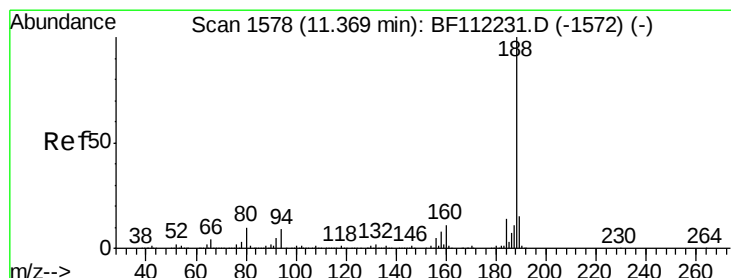
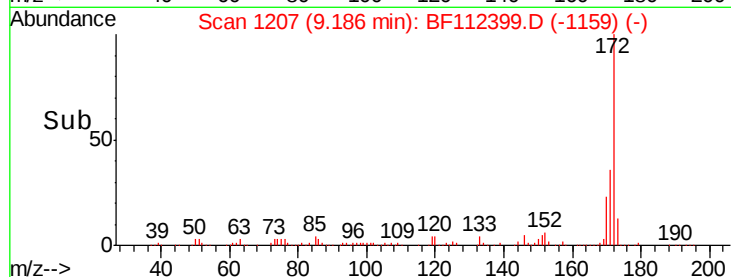
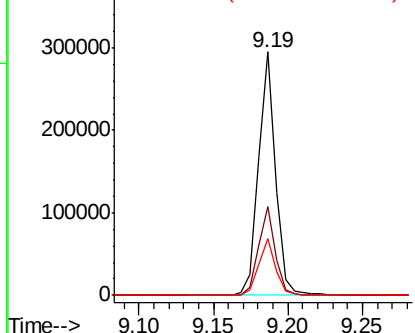
#45
2-Fluorobiphenyl
Concen: 10.863 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF112399.D
Acq: 5 Feb 2019 16:48

Instrument :
BNA_F
ClientSampleId :
HR-05-020419-A

Tgt Ion:172 Resp: 230085
Ion Ratio Lower Upper
172 100
171 36.2 30.5 45.7
170 23.5 20.2 30.4

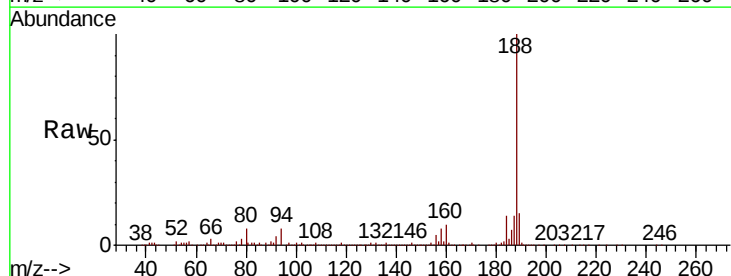


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

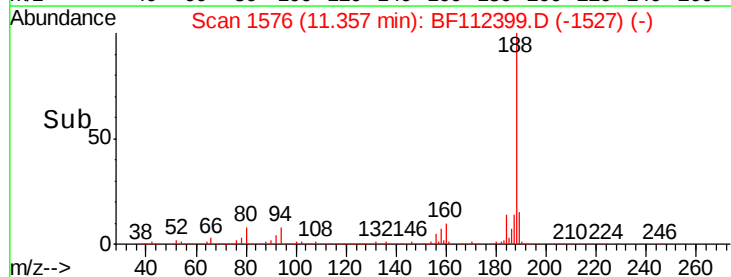
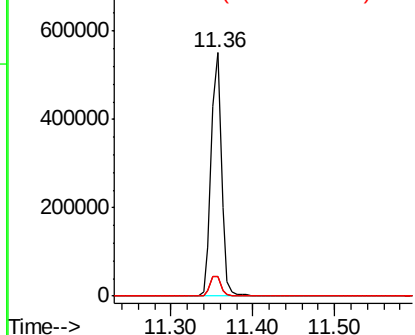


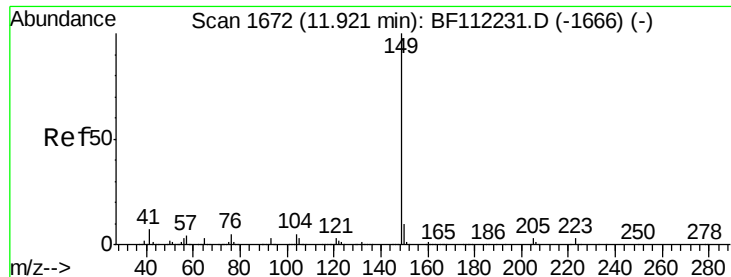
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112399.D
Acq: 5 Feb 2019 16:48

Tgt Ion:188 Resp: 483721
Ion Ratio Lower Upper
188 100
94 8.1 8.2 12.2#
80 8.1 8.9 13.3#



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





#74

Di-n-butylphthalate

Concen: 2.148 ng

RT: 11.91 min Scan# 1670

Delta R.T. -0.01 min

Lab File: BF112399.D

Acq: 5 Feb 2019 16:48

Instrument :

BNA_F

ClientSampleId :

HR-05-020419-A

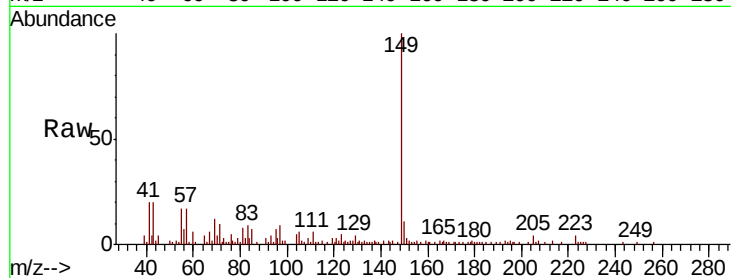
Tgt Ion:149 Resp: 65883

Ion Ratio Lower Upper

149 100

150 10.6 8.1 12.1

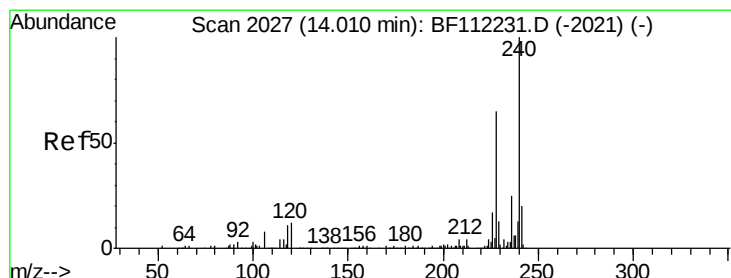
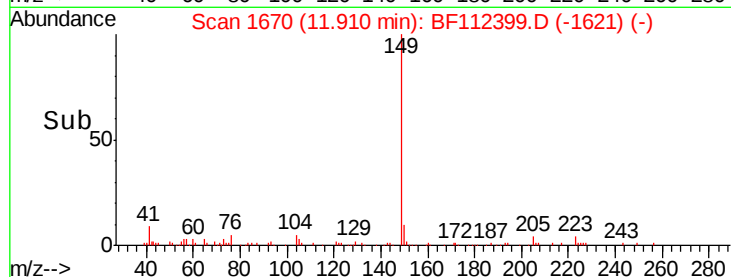
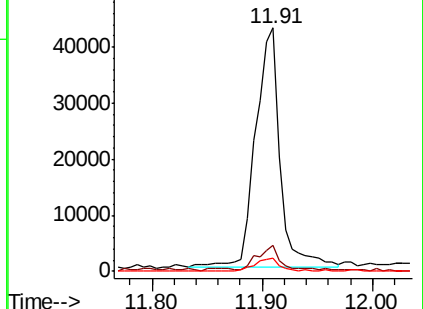
104 5.2 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF112399.D

Acq: 5 Feb 2019 16:48

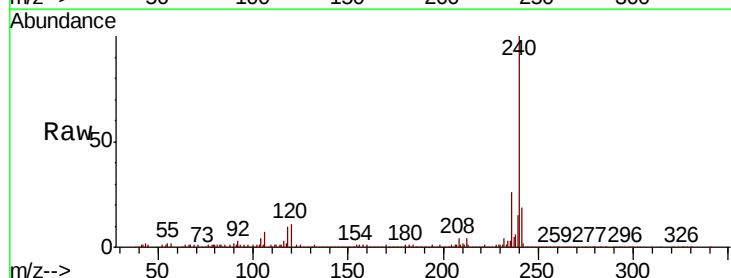
Tgt Ion:240 Resp: 363047

Ion Ratio Lower Upper

240 100

120 11.4 9.0 13.6

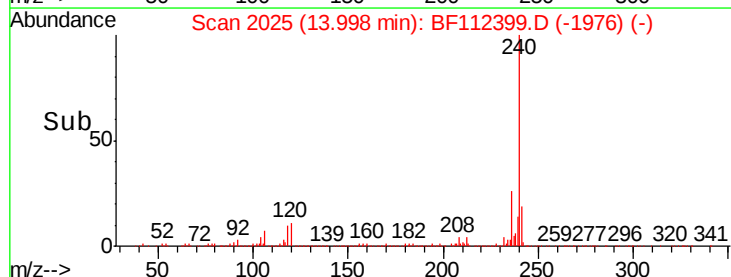
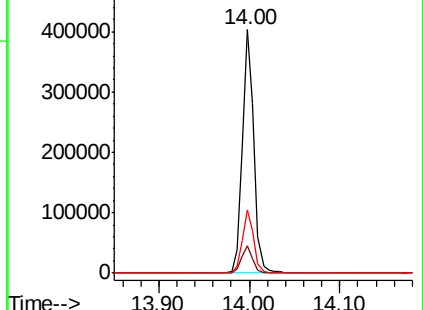
236 26.1 20.7 31.1

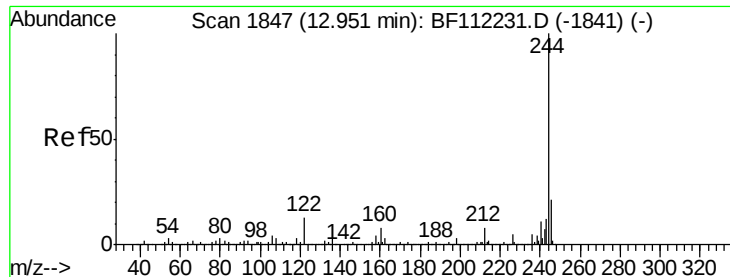


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 8.848 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.02 min

Lab File: BF112399.D

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HR-05-020419-A

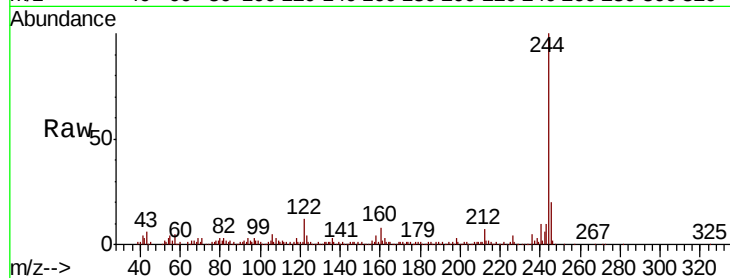
Tgt Ion:244 Resp: 170549

Ion Ratio Lower Upper

244 100

212 6.9 5.9 8.9

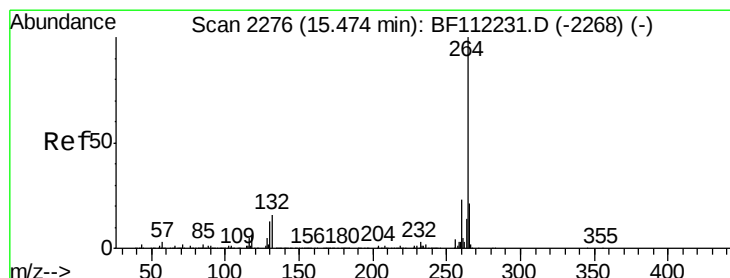
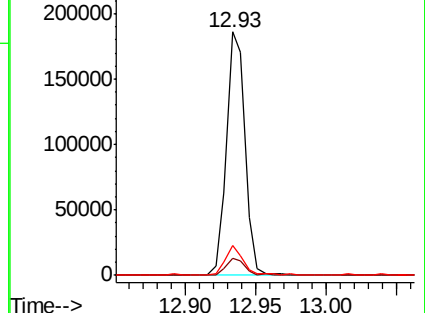
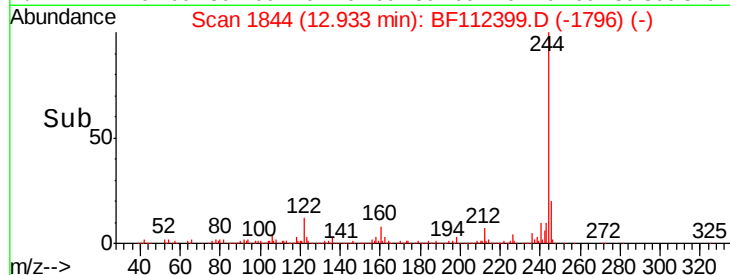
122 12.1 9.8 14.6



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: 15.47 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BF112399.D

Acq: 5 Feb 2019 16:48

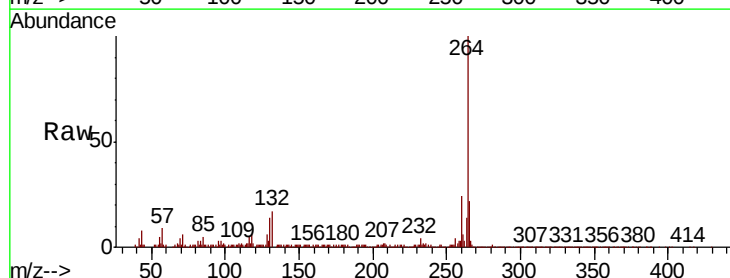
Tgt Ion:264 Resp: 292768

Ion Ratio Lower Upper

264 100

260 23.5 18.2 27.2

265 22.3 17.0 25.4



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

