

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
 Data File : BF111548.D
 Acq On : 17 Dec 2018 19:31
 Operator : JU/SJ
 Sample : J6438-17
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-4

Quant Time: Dec 18 06:21:19 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 14 13:26:17 2018
 Response via : Initial Calibration

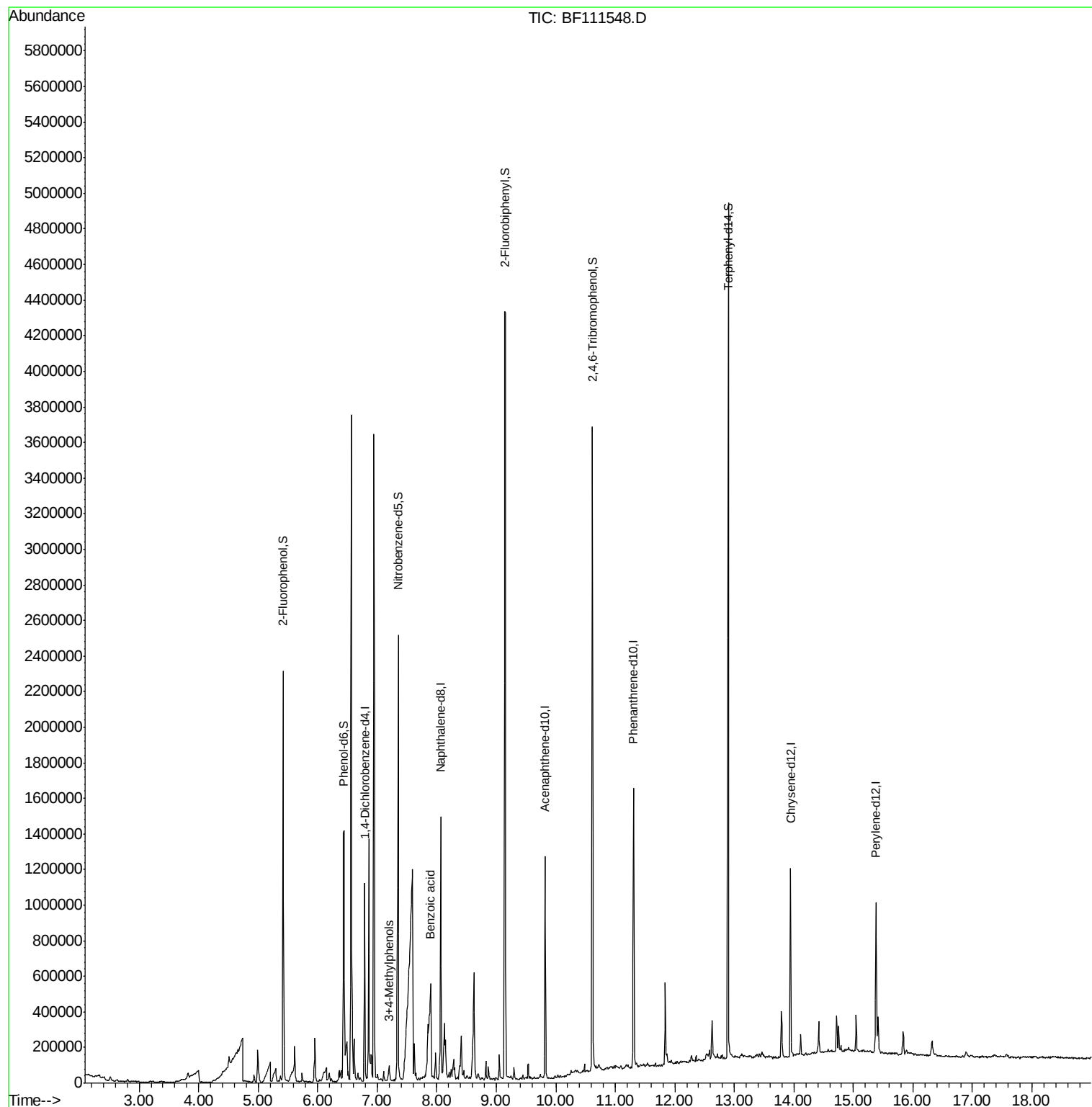
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	150042	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	488149	20.00	ng	-0.01
39) Acenaphthene-d10	9.82	164	240719	20.00	ng	-0.01
64) Phenanthrene-d10	11.30	188	618891	20.00	ng	-0.01
76) Chrysene-d12	13.94	240	378881	20.00	ng	0.00
87) Perylene-d12	15.38	264	384890	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	604658	67.06	ng	0.00
7) Phenol-d6	6.44	99	493546	41.15	ng	0.00
23) Nitrobenzene-d5	7.35	82	801876	97.82	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	407913	189.17	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1515757	97.26	ng	0.00
79) Terphenyl-d14	12.90	244	1754146	108.72	ng	0.00
Target Compounds						
20) 3+4-Methylphenols	7.20	107	21938	2.017	ng	Qvalue # 56
32) Benzoic acid	7.90	122	277635	51.103	ng	95

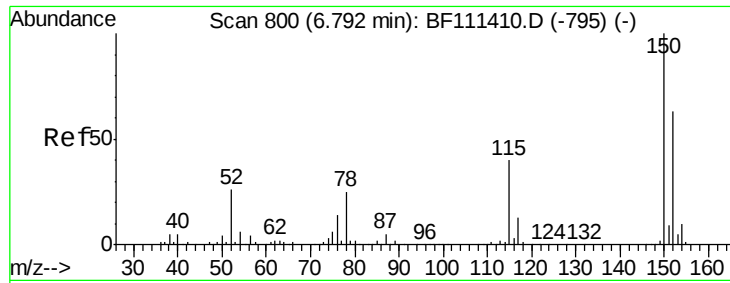
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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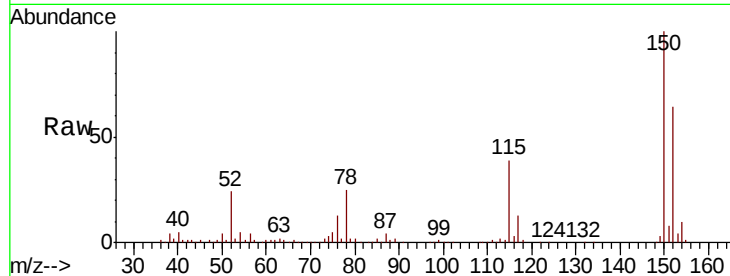


#1

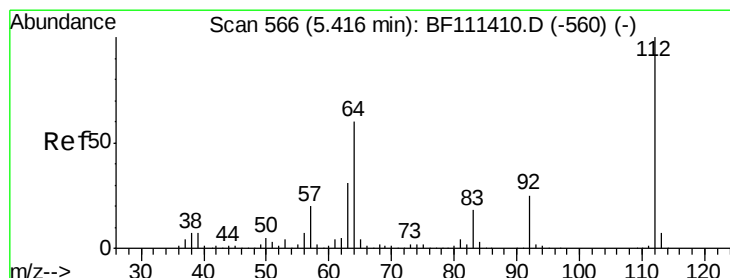
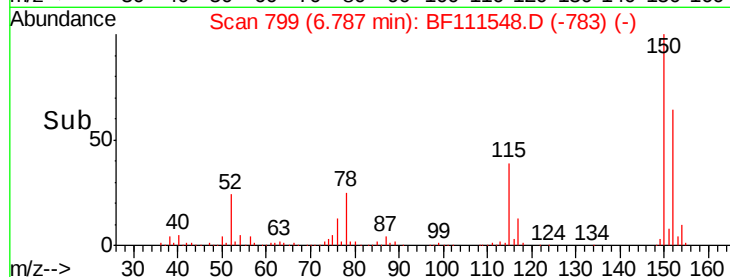
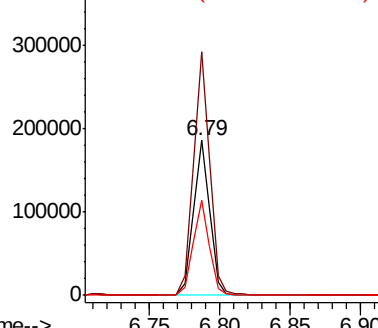
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF111548.D
 Acq: 17 Dec 2018 19:31

Instrument :
 BNA_F
 ClientSampleId :
 COMP-4

Tot Ion:152 Resp: 150042
 Ion Ratio Lower Upper
 152 100
 150 157.0 126.6 189.8
 115 61.1 50.7 76.1



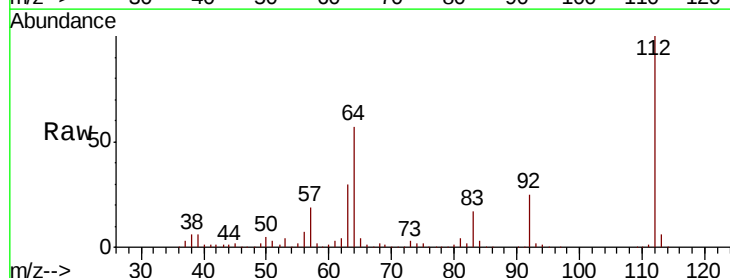
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



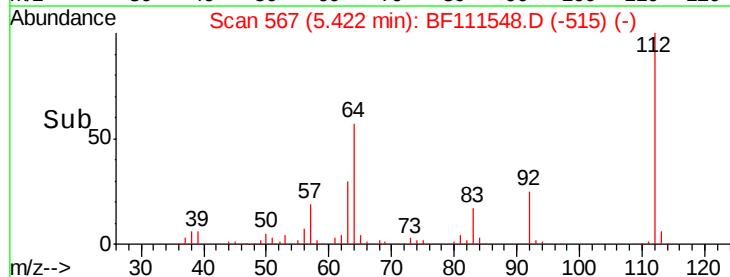
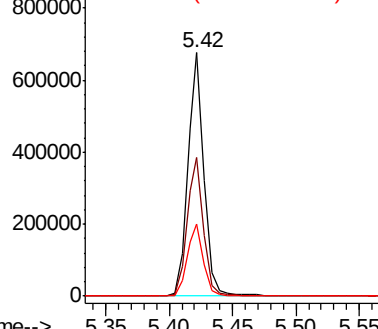
#5

2-Fluorophenol
 Concen: 67.060 ng
 RT: 5.42 min Scan# 567
 Delta R.T. 0.01 min
 Lab File: BF111548.D
 Acq: 17 Dec 2018 19:31

Tgt Ion:112 Resp: 604658
 Ion Ratio Lower Upper
 112 100
 64 57.1 51.8 77.6
 63 29.5 26.8 40.2



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: 41.150 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF111548.D

Acq: 17 Dec 2018 19:31

Instrument :

BNA_F

ClientSampleId :

COMP-4

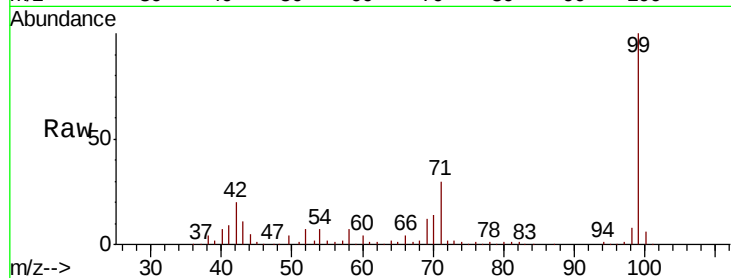
Tot Ion: 99 Resp: 493546

Ion Ratio Lower Upper

99 100

42 20.3 17.4 26.0

71 30.1 26.1 39.1

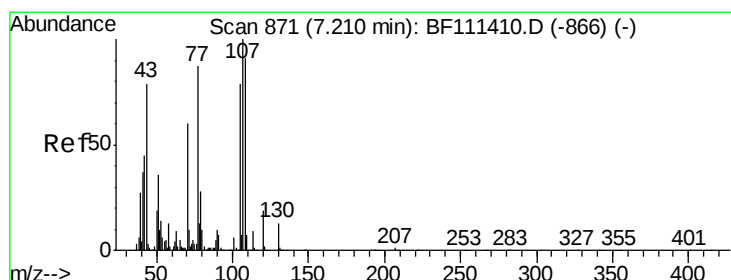
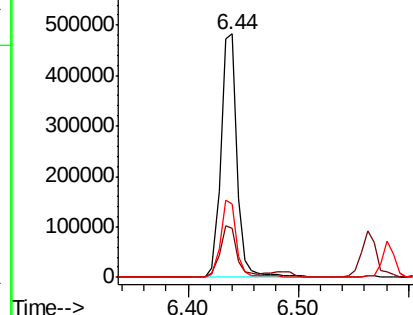
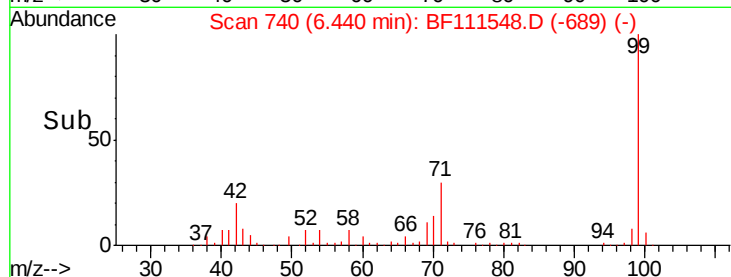


Abundance

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



#20

3+4-Methylphenols

Concen: 2.017 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF111548.D

Acq: 17 Dec 2018 19:31

Tgt Ion:107 Resp: 21938

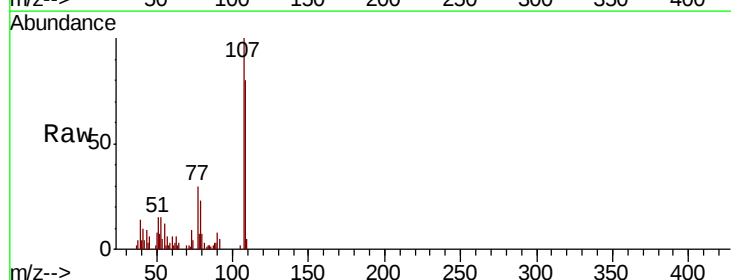
Ion Ratio Lower Upper

107 100

108 80.0 72.1 112.1

77 29.7 94.1 134.1#

79 22.7 9.8 49.8



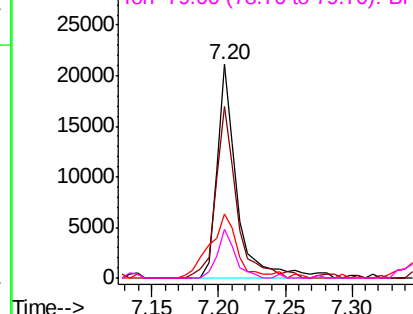
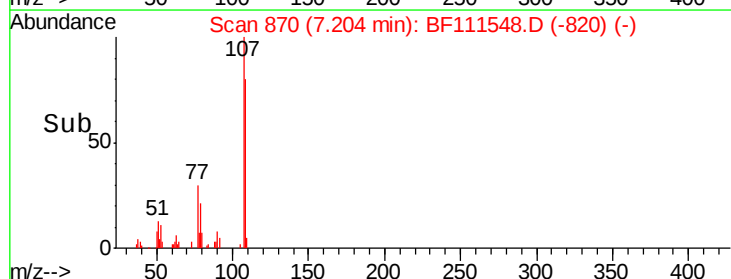
Abundance

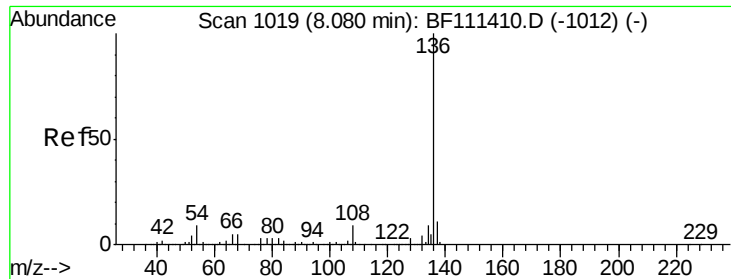
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF111548.D

Acq: 17 Dec 2018 19:31

Instrument :

BNA_F

ClientSampleId :

COMP-4

Tot Ion:136 Resp: 488149

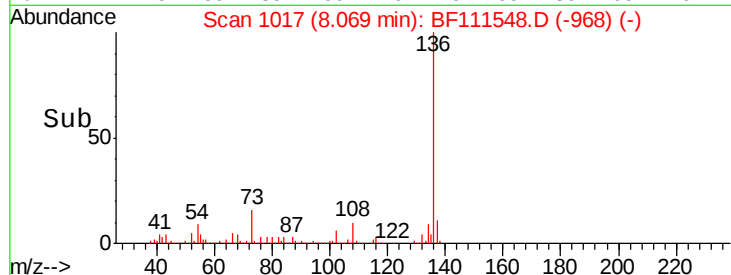
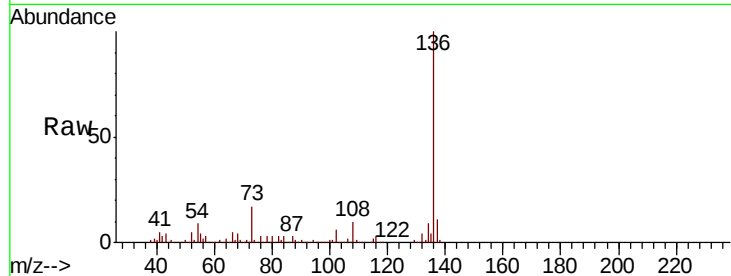
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 8.6 7.7 11.5

68 4.3 4.9 7.3#

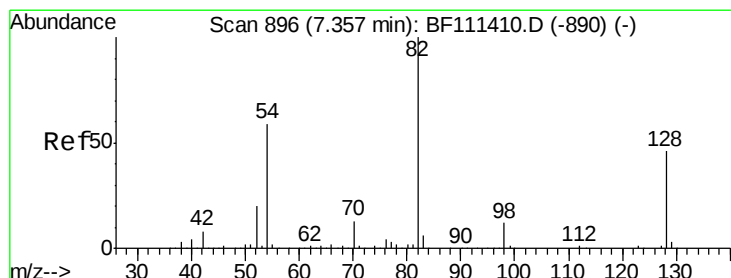
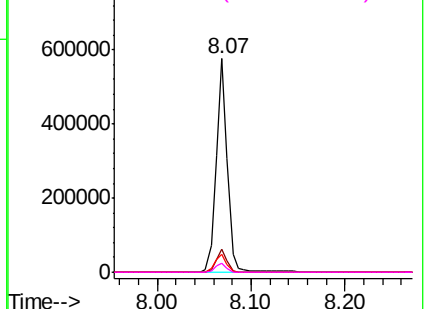


Abundance Ion 136.00 (135.70 to 136.70): E

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: 97.820 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.01 min

Lab File: BF111548.D

Acq: 17 Dec 2018 19:31

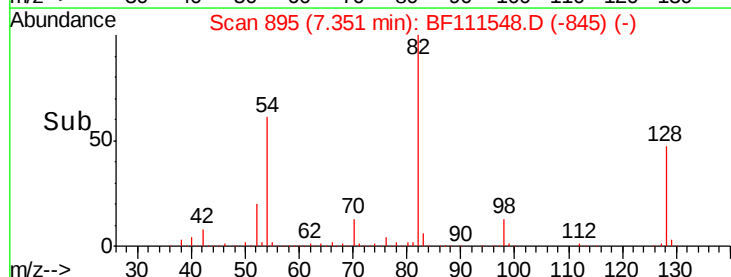
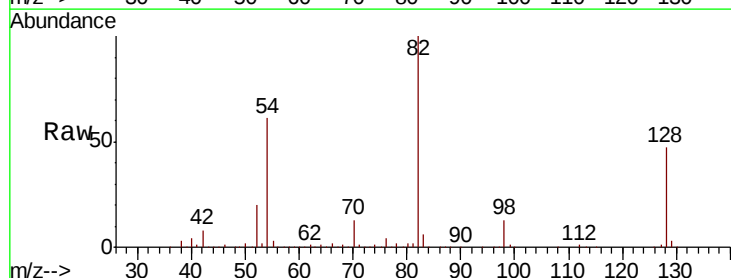
Tgt Ion: 82 Resp: 801876

Ion Ratio Lower Upper

82 100

128 47.4 37.4 56.2

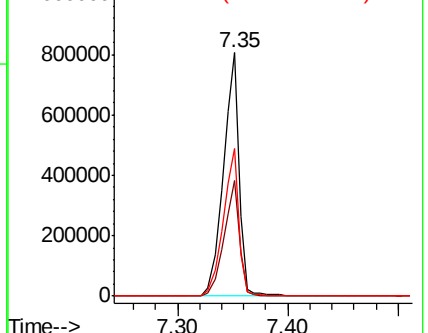
54 60.6 47.6 71.4

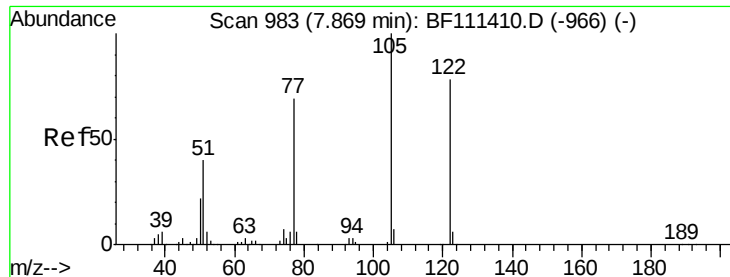


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

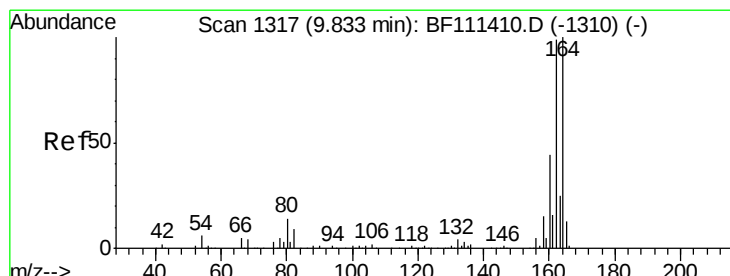
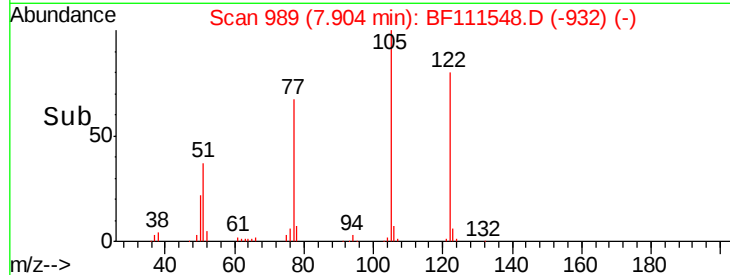
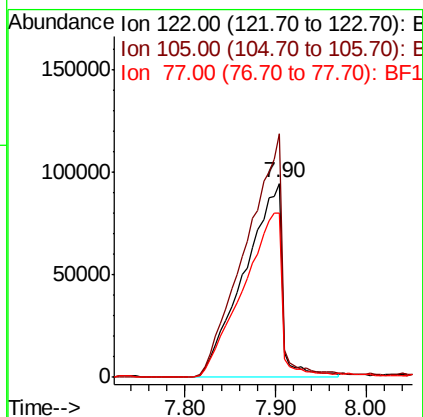
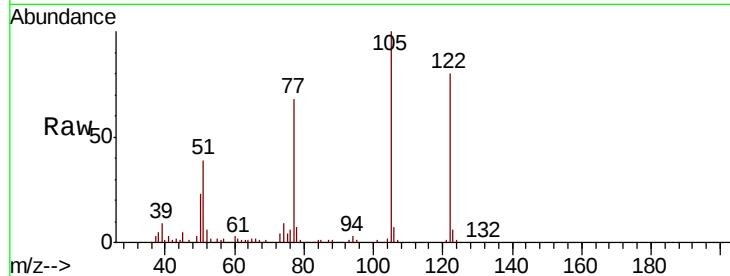




#32
Benzoic acid
Concen: 51.103 ng
RT: 7.90 min Scan# 989
Delta R.T. 0.04 min
Lab File: BF111548.D
Acq: 17 Dec 2018 19:31

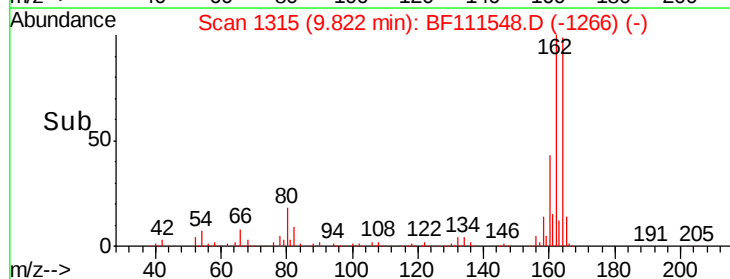
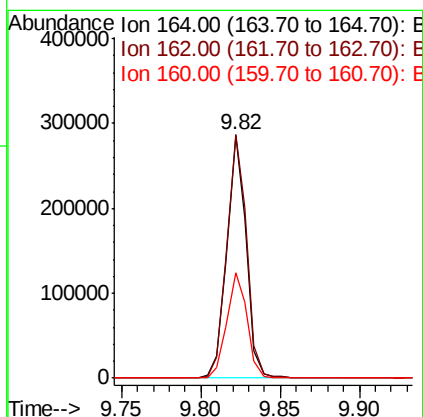
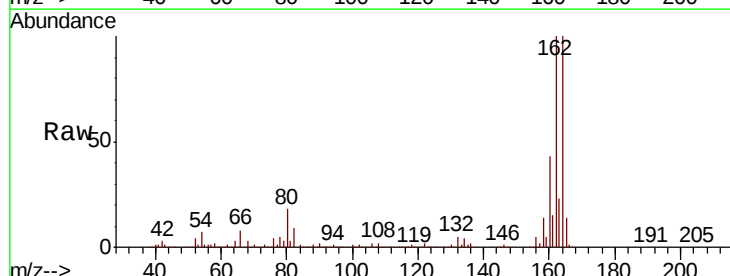
Instrument :
BNA_F
ClientSampleId :
COMP-4

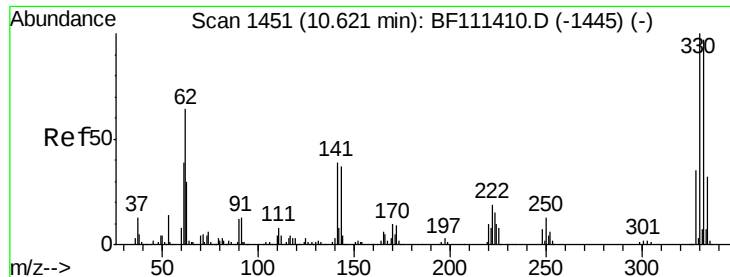
Tot Ion:122 Resp: 277635
Ion Ratio Lower Upper
122 100
105 125.6 97.0 137.0
77 84.9 65.7 105.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF111548.D
Acq: 17 Dec 2018 19:31

Tgt Ion:164 Resp: 240719
Ion Ratio Lower Upper
164 100
162 100.2 81.4 122.0
160 43.5 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 189.170 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF111548.D

Acq: 17 Dec 2018 19:31

Instrument :

BNA_F

ClientSampleId :

COMP-4

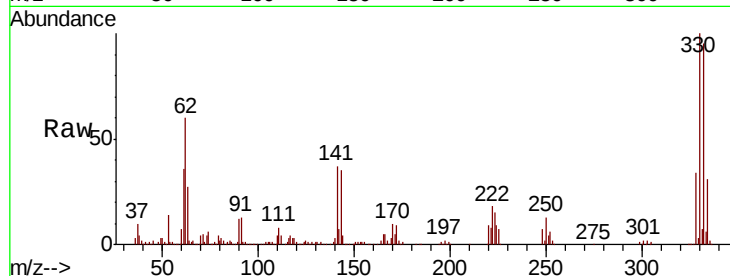
Tot Ion:330 Resp: 407913

Ion Ratio Lower Upper

330 100

332 96.9 76.0 114.0

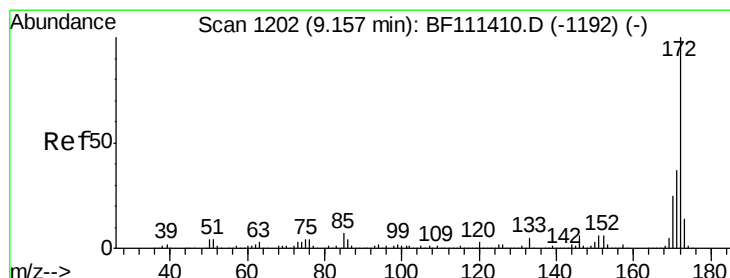
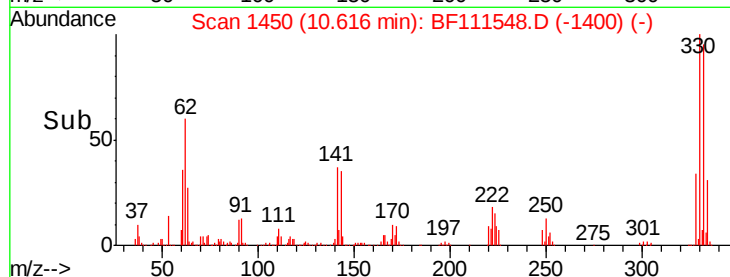
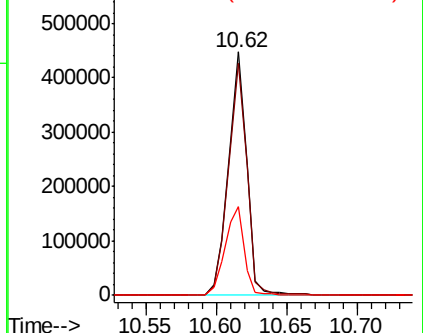
141 38.1 31.0 46.6



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: 97.263 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BF111548.D

Acq: 17 Dec 2018 19:31

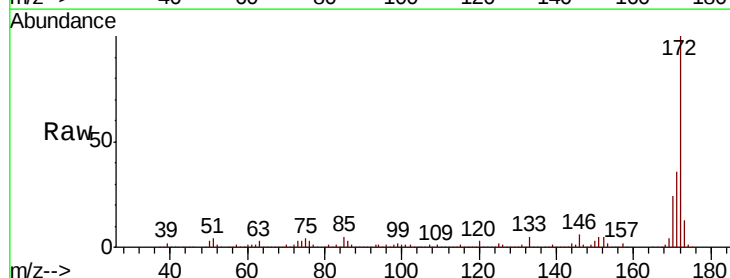
Tgt Ion:172 Resp: 1515757

Ion Ratio Lower Upper

172 100

171 35.7 33.0 49.4

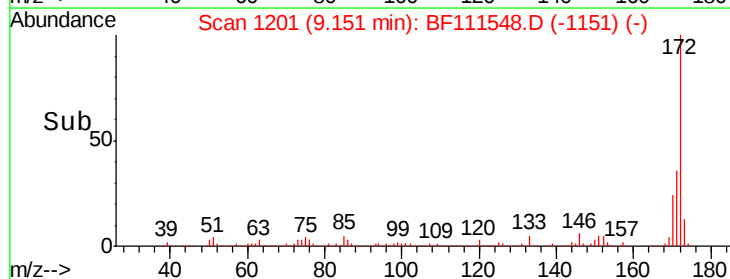
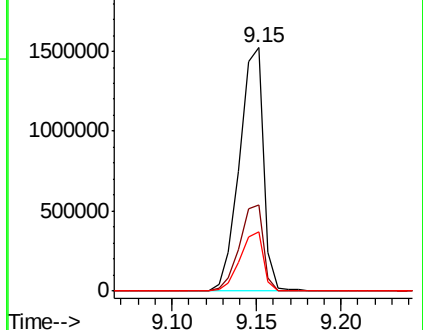
170 24.1 22.3 33.5

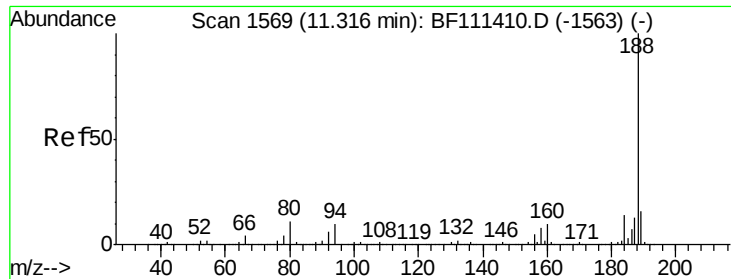


Abundance Ion 172.00 (171.70 to 172.70): E

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: 11.30 min Scan# 1567

Delta R.T. -0.01 min

Lab File: BF111548.D

Acq: 17 Dec 2018 19:31

Instrument :

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ClientSampleId :

COMP-4

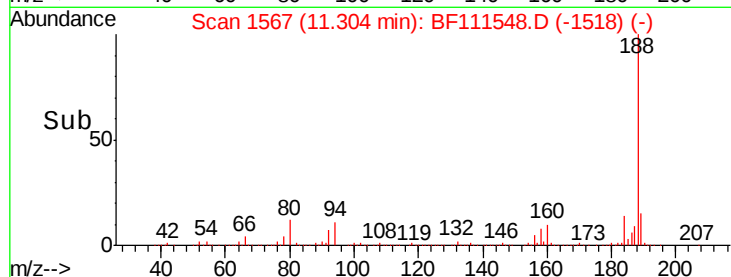
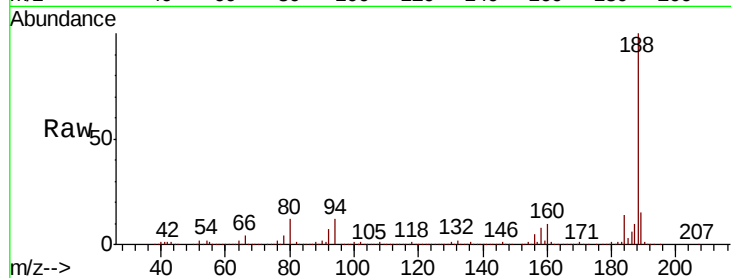
Tot Ion:188 Resp: 618891

Ion Ratio Lower Upper

188 100

94 11.5 9.6 14.4

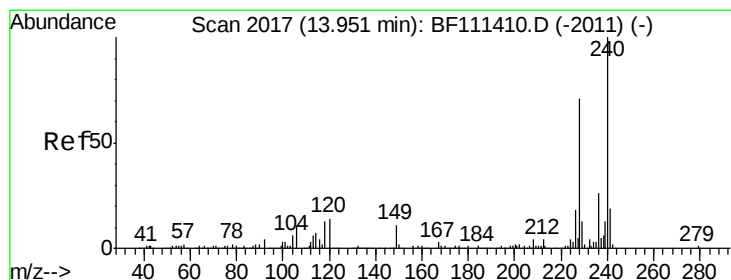
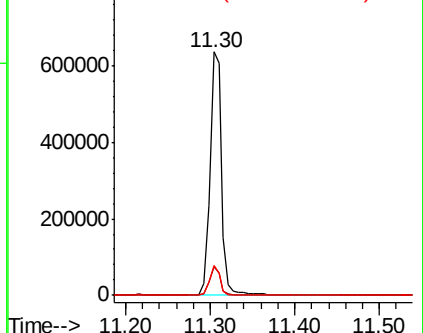
80 12.3 9.8 14.6



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: 13.94 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF111548.D

Acq: 17 Dec 2018 19:31

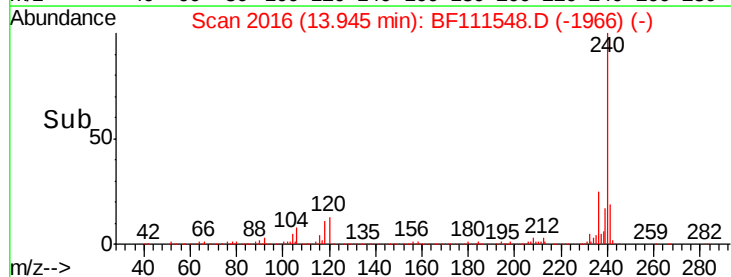
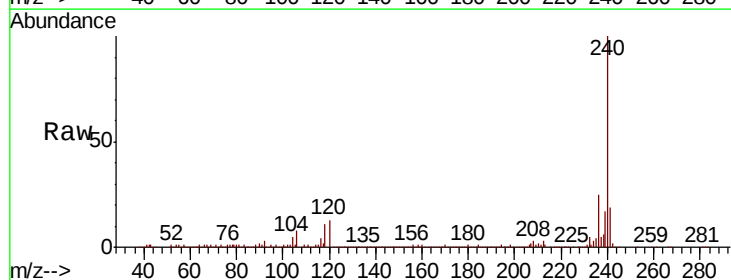
Tgt Ion:240 Resp: 378881

Ion Ratio Lower Upper

240 100

120 13.0 12.2 18.2

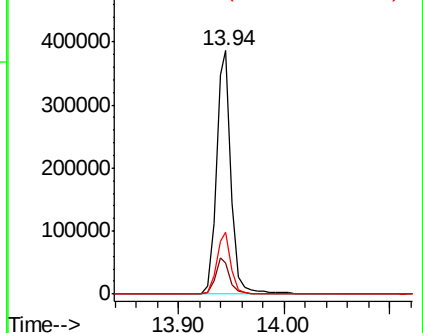
236 25.4 20.2 30.2

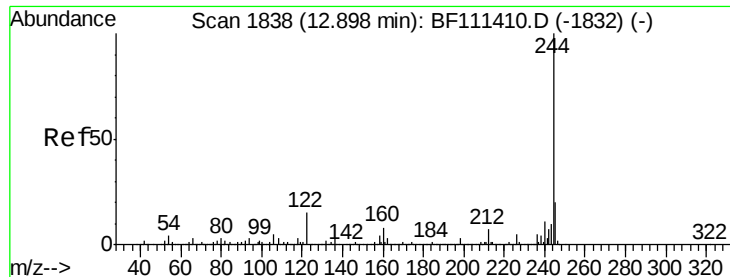


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 108.719 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF111548.D

Acq: 17 Dec 2018 19:31

Instrument :

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ClientSampleId :

COMP-4

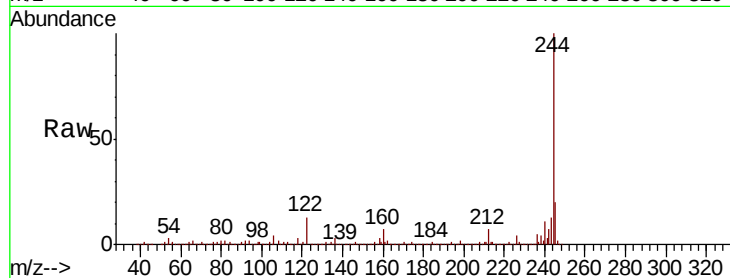
Tot Ion:244 Resp: 1754146

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

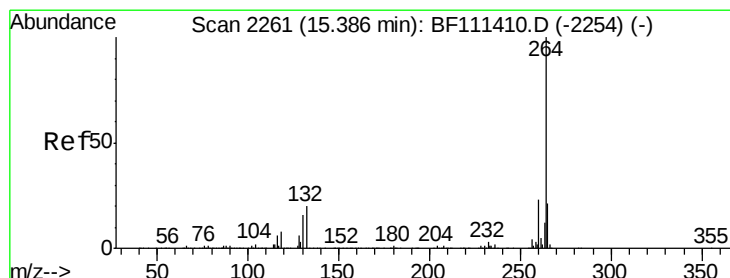
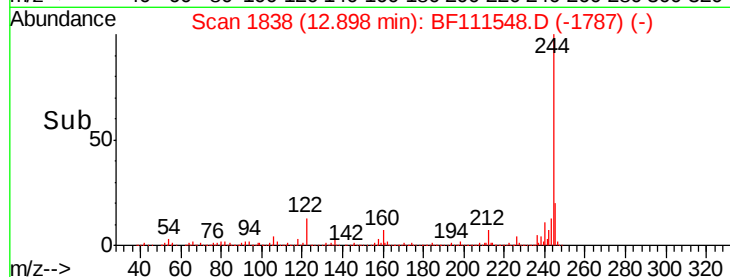
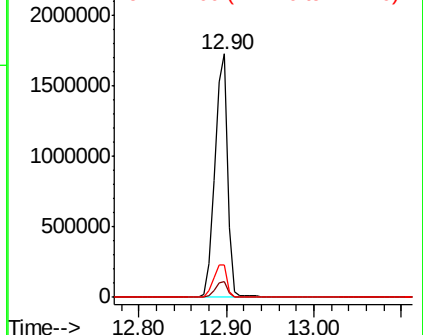
122 13.1 13.1 19.7#



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: 15.38 min Scan# 2260

Delta R.T. -0.01 min

Lab File: BF111548.D

Acq: 17 Dec 2018 19:31

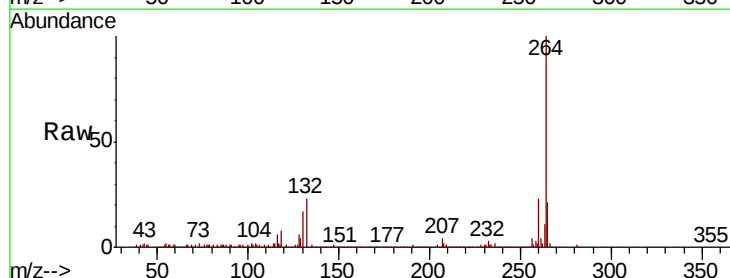
Tgt Ion:264 Resp: 384890

Ion Ratio Lower Upper

264 100

260 22.5 18.3 27.5

265 21.0 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

