

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073118\
 Data File : BF107858.D
 Acq On : 31 Jul 2018 19:13
 Operator : JU/SJ
 Sample : J4236-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-010-B

Quant Time: Aug 01 02:05:18 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 30 17:48:53 2018
 Response via : Initial Calibration

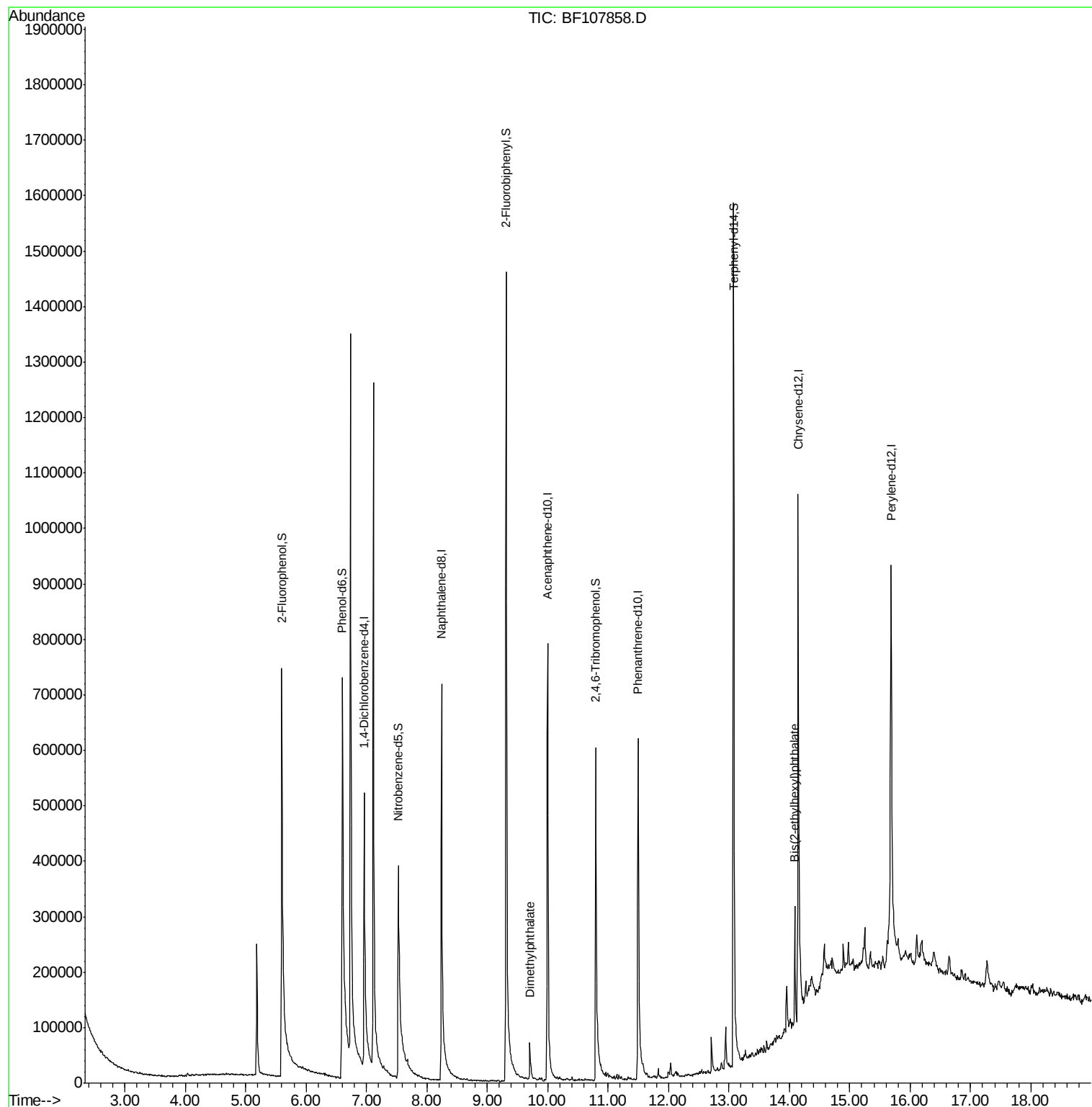
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	138226	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	543615	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	207967	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	380878	20.00	ng	0.00
75) Chrysene-d12	14.15	240	449226	20.00	ng	0.00
86) Perylene-d12	15.68	264	491271	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	483382	59.43	ng	0.00
7) Phenol-d6	6.60	99	646038	60.27	ng	0.00
23) Nitrobenzene-d5	7.52	82	368817	39.09	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	134250	47.51	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	687453	46.06	ng	0.00
78) Terphenyl-d14	13.08	244	663972	32.05	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.71	163	44426	2.844	ng	97
83) Bis(2-ethylhexyl)phthalate	14.10	149	54103	3.038	ng	98

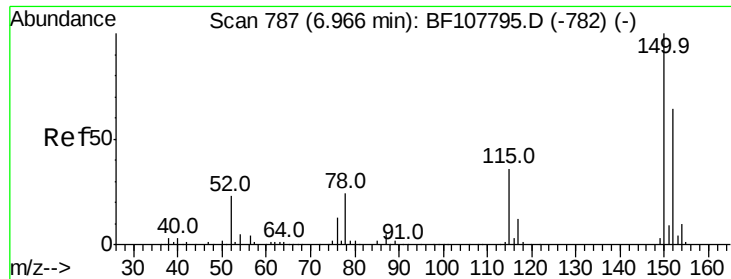
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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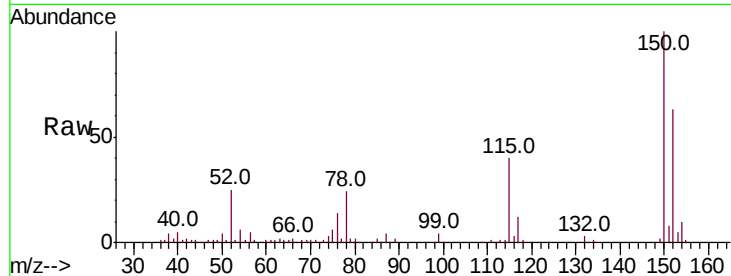


#1

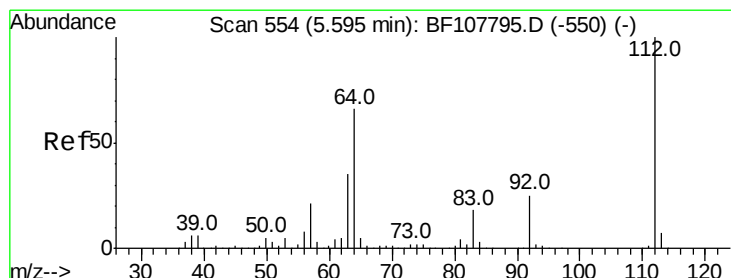
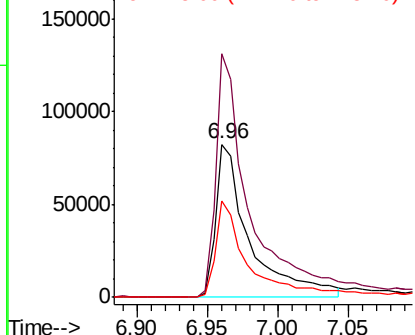
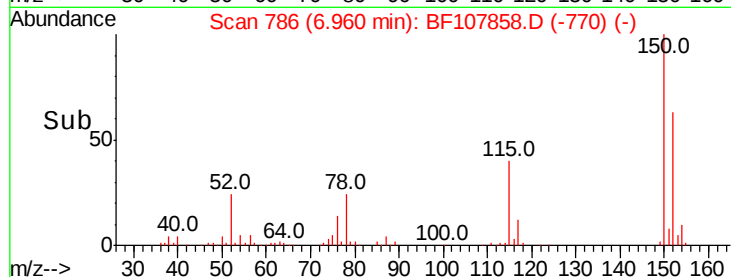
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BF107858.D
 Acq: 31 Jul 2018 19:13

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-010-B

Tot Ion:152 Resp: 138226
 Ion Ratio Lower Upper
 152 100
 150 158.8 124.6 186.8
 115 63.2 50.1 75.1



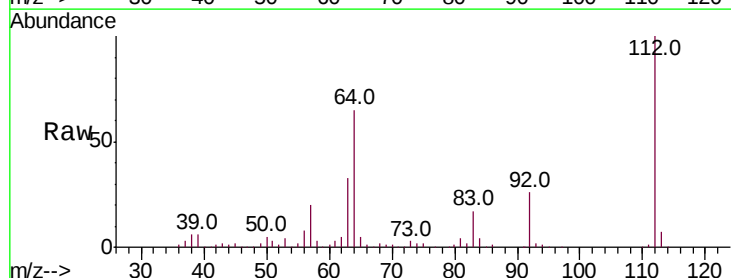
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



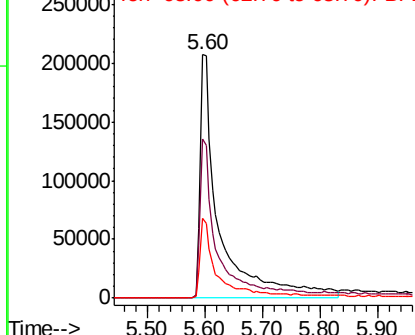
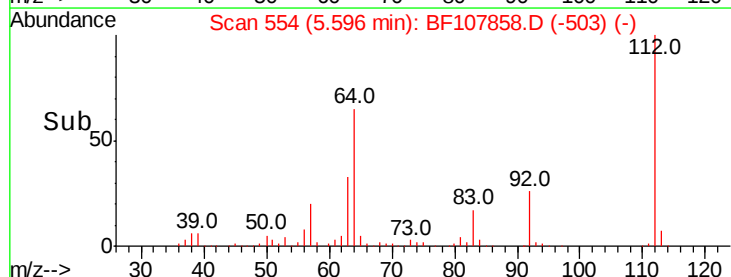
#5

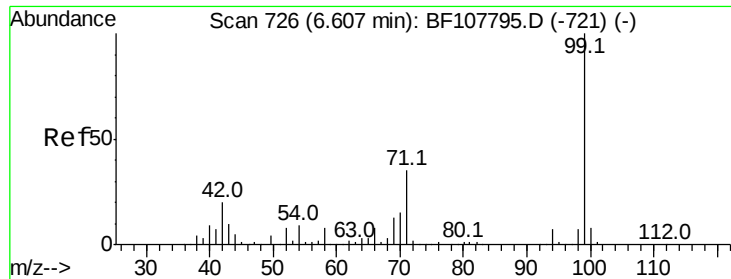
2-Fluorophenol
 Concen: 59.434 ng
 RT: 5.60 min Scan# 554
 Delta R.T. 0.00 min
 Lab File: BF107858.D
 Acq: 31 Jul 2018 19:13

Tgt Ion:112 Resp: 483382
 Ion Ratio Lower Upper
 112 100
 64 65.5 47.9 71.9
 63 33.0 23.7 35.5



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: 60.271 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107858.D

Acq: 31 Jul 2018 19:13

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-010-B

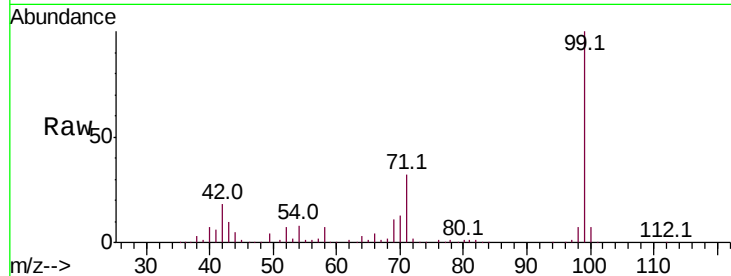
Tot Ion: 99 Resp: 646038

Ion Ratio Lower Upper

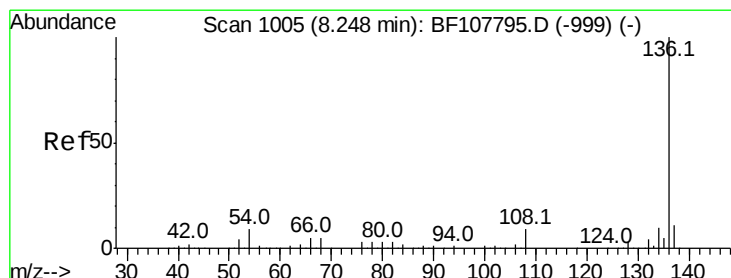
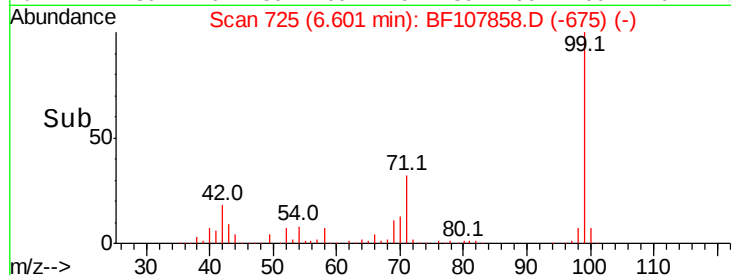
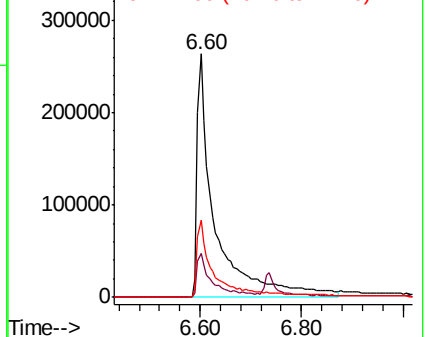
99 100

42 18.0 14.5 21.7

71 31.7 25.4 38.0



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: 8.24 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF107858.D

Acq: 31 Jul 2018 19:13

Tgt Ion: 136 Resp: 543615

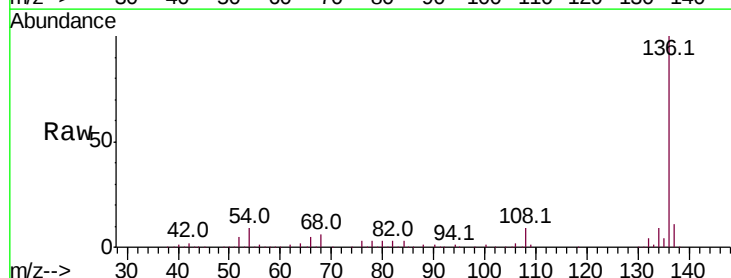
Ion Ratio Lower Upper

136 100

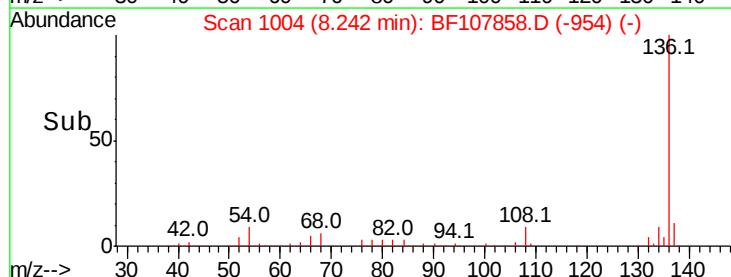
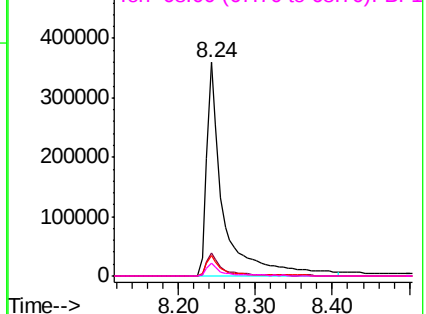
137 11.0 8.9 13.3

54 9.5 6.6 9.8

68 6.1 5.0 7.4



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: 39.086 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF107858.D

Acq: 31 Jul 2018 19:13

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-010-B

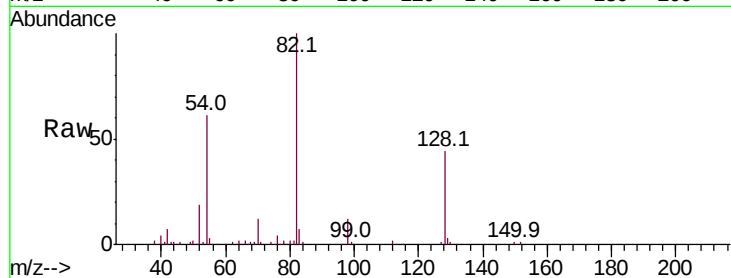
Tot Ion: 82 Resp: 368817

Ion Ratio Lower Upper

82 100

128 43.7 36.1 54.1

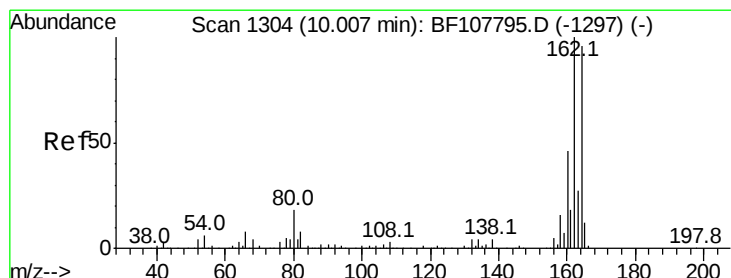
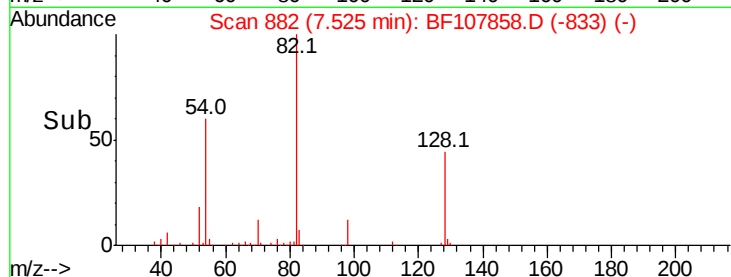
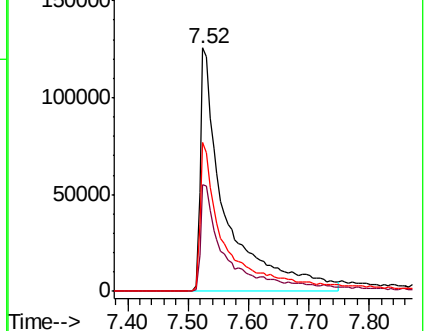
54 60.9 41.4 62.2



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF107858.D

Acq: 31 Jul 2018 19:13

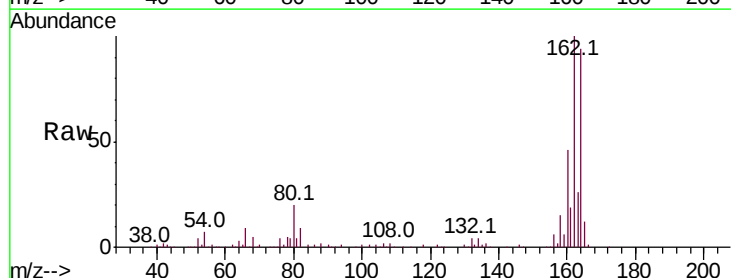
Tgt Ion:164 Resp: 207967

Ion Ratio Lower Upper

164 100

162 106.4 86.1 129.1

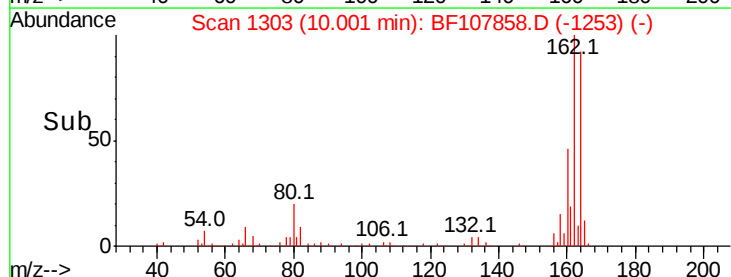
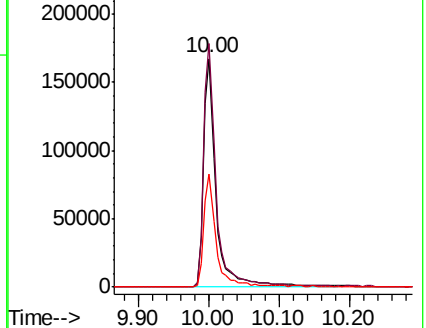
160 49.1 38.3 57.5

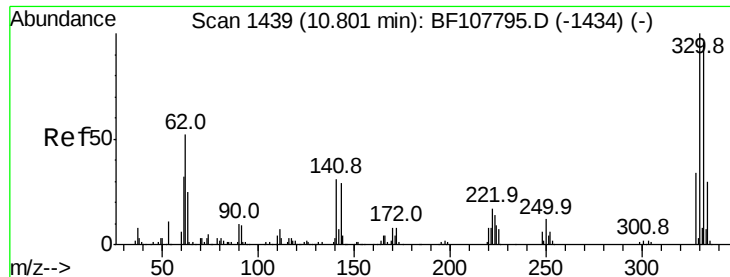


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 47.508 ng

RT: 10.80 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF107858.D

Acq: 31 Jul 2018 19:13

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-010-B

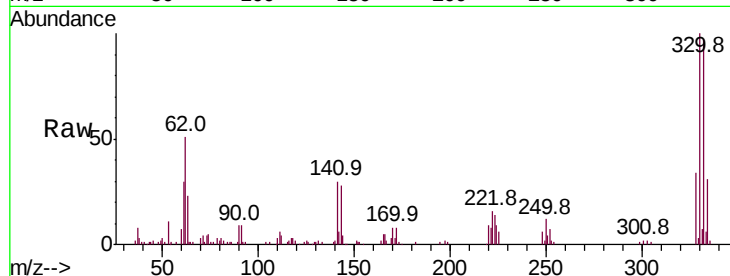
Tot Ion:330 Resp: 134250

Ion Ratio Lower Upper

330 100

332 94.9 77.0 115.6

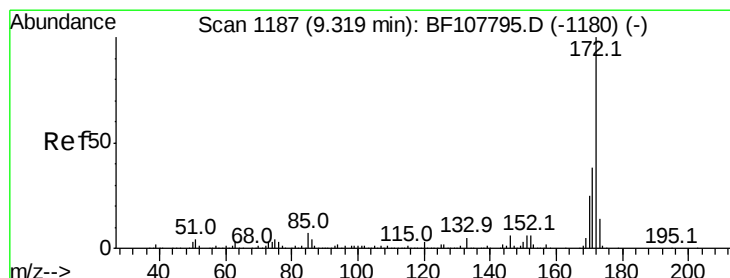
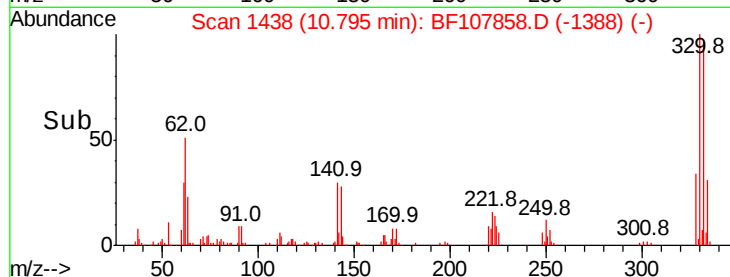
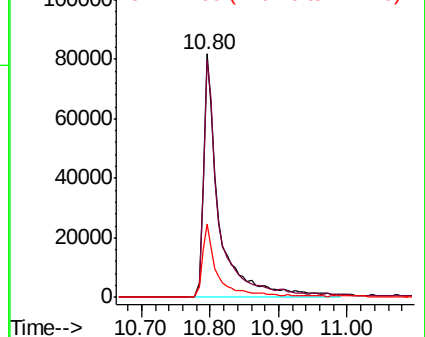
141 26.6 29.9 44.9#



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



#44

2-Fluorobiphenyl

Concen: 46.063 ng

RT: 9.31 min Scan# 1186

Delta R.T. -0.01 min

Lab File: BF107858.D

Acq: 31 Jul 2018 19:13

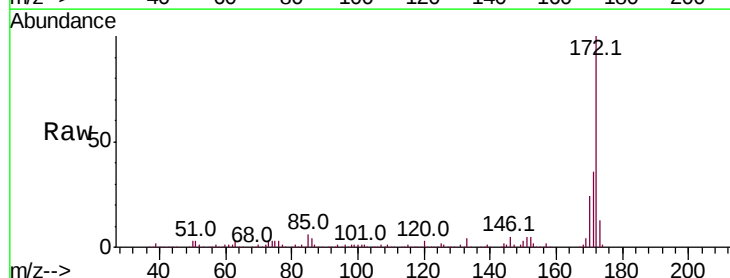
Tgt Ion:172 Resp: 687453

Ion Ratio Lower Upper

172 100

171 35.5 29.7 44.5

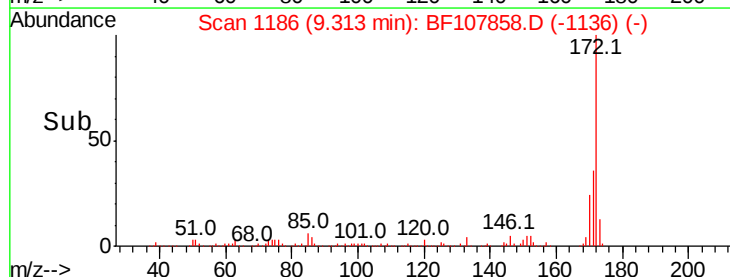
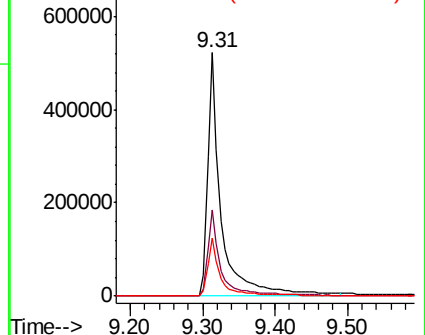
170 23.6 19.6 29.4

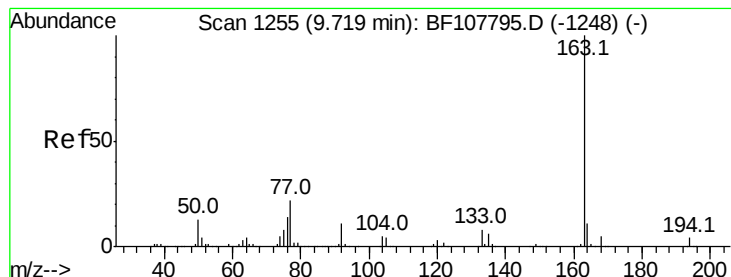


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 2.844 ng

RT: 9.71 min Scan# 1253

Delta R.T. -0.01 min

Lab File: BF107858.D

Acq: 31 Jul 2018 19:13

Instrument :

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ClientSampleId :

FK-GF-01-010-B

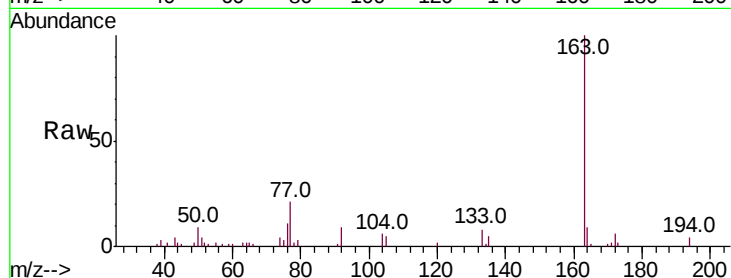
Tot Ion:163 Resp: 44426

Ion Ratio Lower Upper

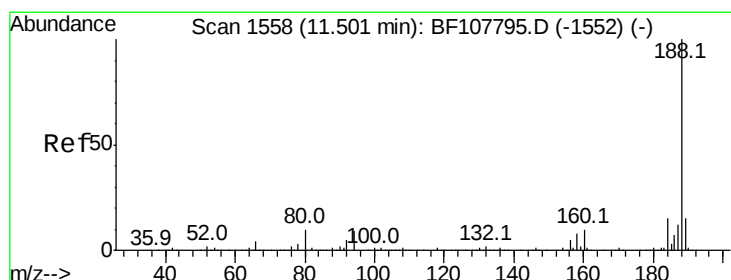
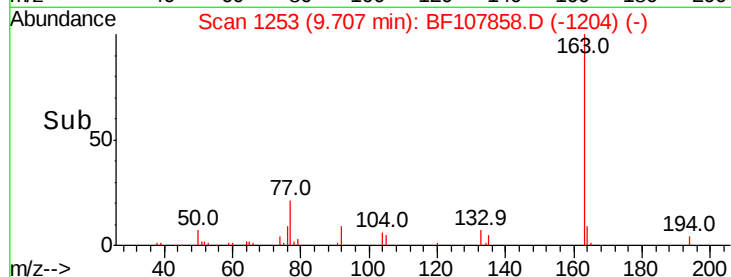
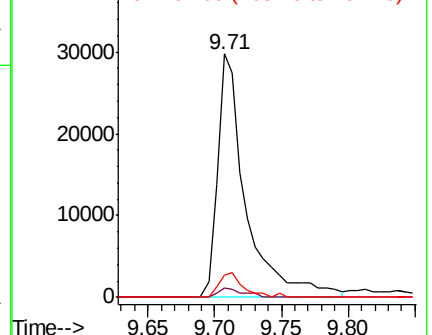
163 100

194 3.8 2.7 4.1

164 9.1 8.2 12.2



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF107858.D

Acq: 31 Jul 2018 19:13

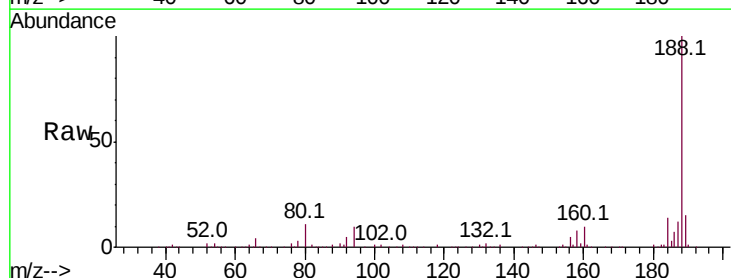
Tgt Ion:188 Resp: 380878

Ion Ratio Lower Upper

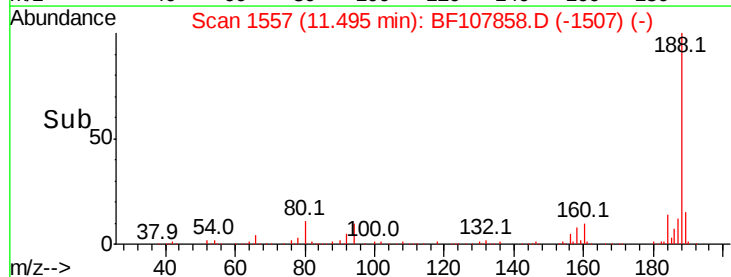
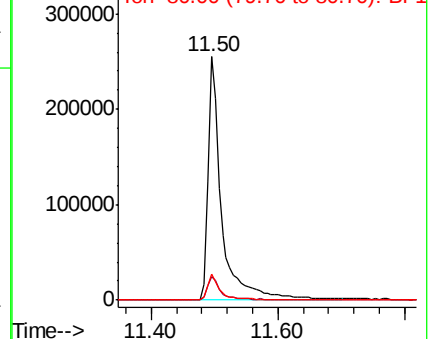
188 100

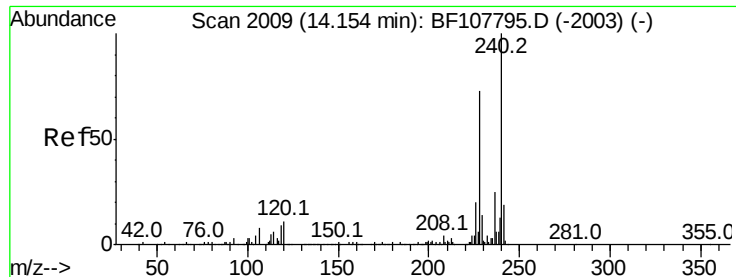
94 9.7 8.5 12.7

80 10.9 9.2 13.8



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF107858.D

Acq: 31 Jul 2018 19:13

Instrument :

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FK-GF-01-010-B

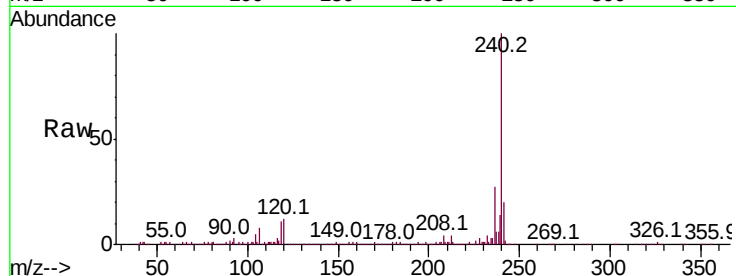
Tot Ion:240 Resp: 449226

Ion Ratio Lower Upper

240 100

120 11.7 9.5 14.3

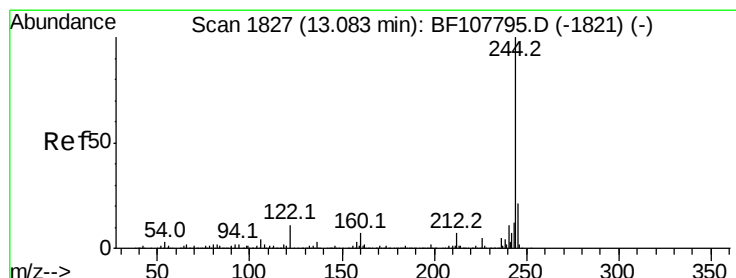
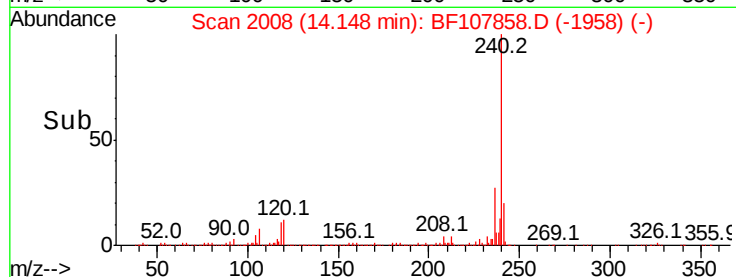
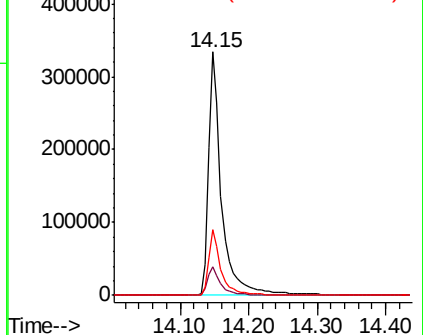
236 26.7 20.7 31.1



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



#78

Terphenyl-d14

Concen: 32.050 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF107858.D

Acq: 31 Jul 2018 19:13

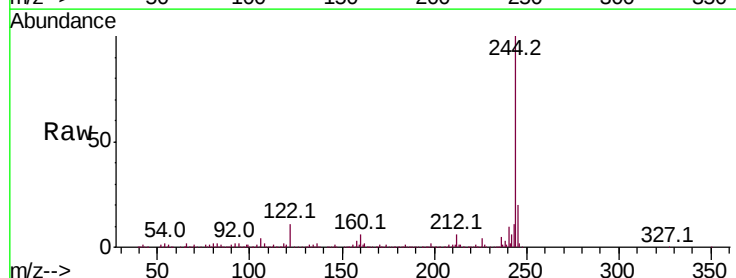
Tgt Ion:244 Resp: 663972

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

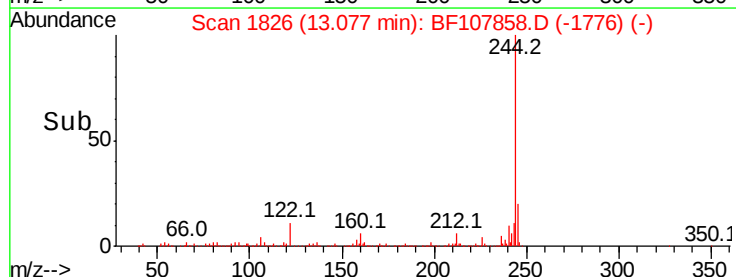
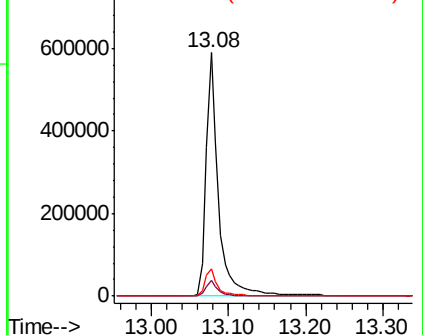
122 11.0 11.0 16.4

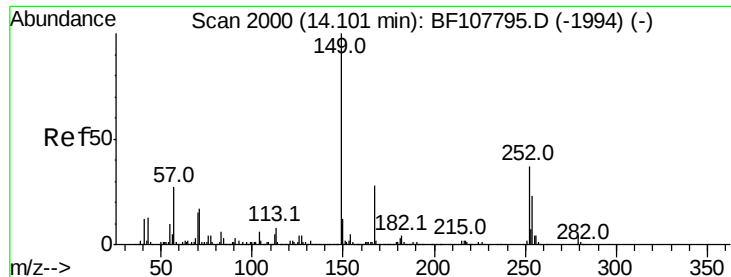


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 3.038 ng

RT: 14.10 min Scan# 1999

Delta R.T. -0.01 min

Lab File: BF107858.D

Acq: 31 Jul 2018 19:13

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FK-GF-01-010-B

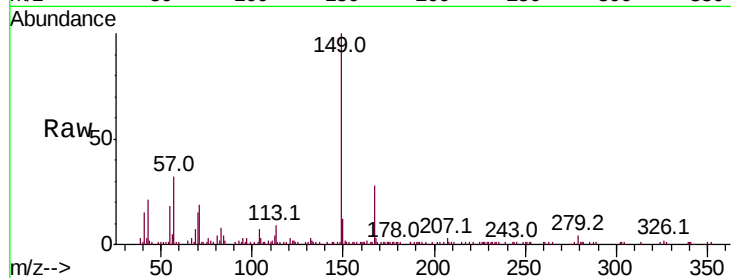
Tot Ion:149 Resp: 54103

Ion Ratio Lower Upper

149 100

167 27.8 21.3 31.9

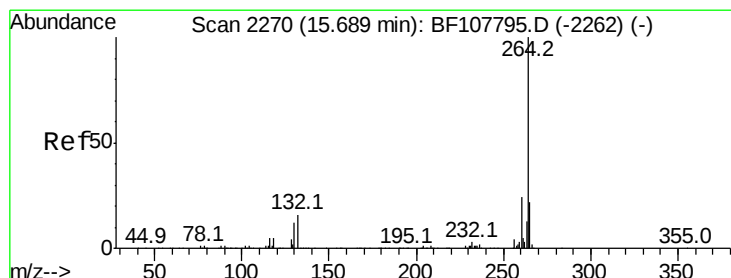
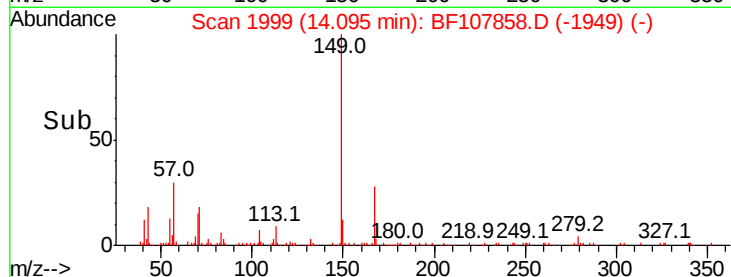
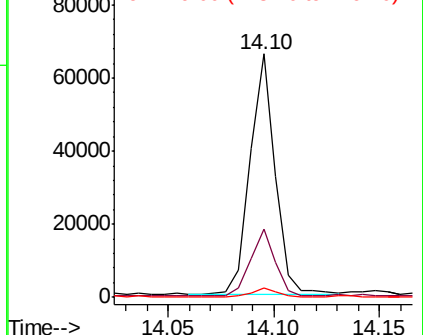
279 4.1 3.0 4.4



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: 15.68 min Scan# 2269

Delta R.T. -0.01 min

Lab File: BF107858.D

Acq: 31 Jul 2018 19:13

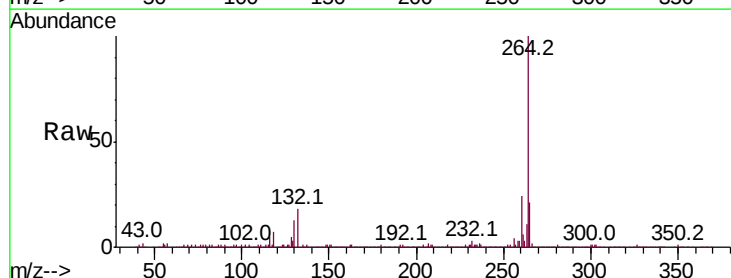
Tgt Ion:264 Resp: 491271

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.4 17.5 26.3



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

