

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
 Data File : BF107789.D
 Acq On : 28 Jul 2018 11:23
 Operator : JU/SJ
 Sample : J4176-05
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PLASTIC-COAT

Quant Time: Jul 30 04:06:43 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 16:29:27 2018
 Response via : Initial Calibration

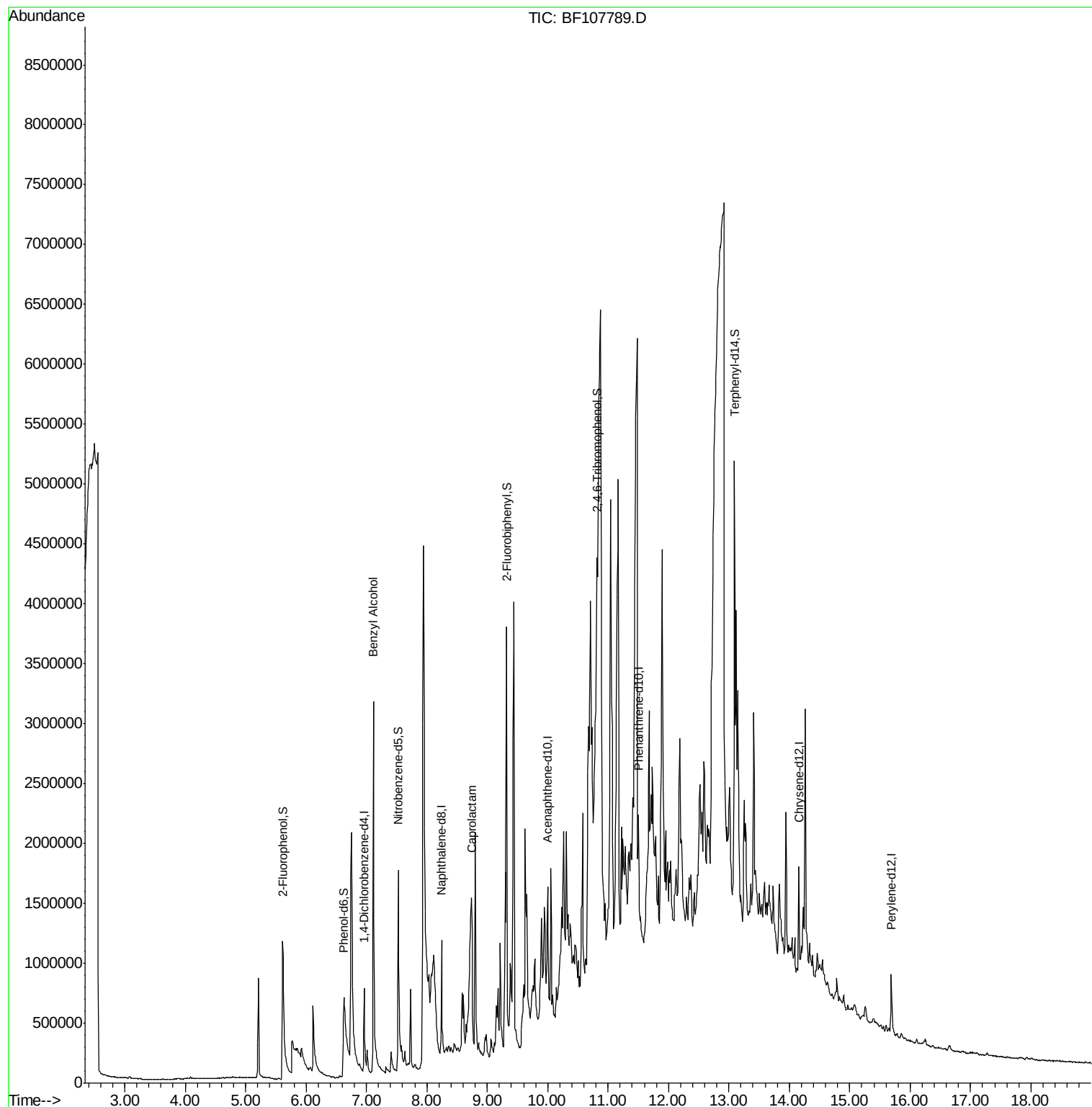
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	155849	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	560814	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	177939	20.00	ng	-0.02
63) Phenanthrene-d10	11.51	188	356564	20.00	ng	0.00
75) Chrysene-d12	14.16	240	406267	20.00	ng	0.00
86) Perylene-d12	15.69	264	323545	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	782137	80.69	ng	0.00
7) Phenol-d6	6.63	99	1013140	87.05	ng	0.02
23) Nitrobenzene-d5	7.53	82	884788	106.47	ng	-0.02
41) 2,4,6-Tribromophenol	10.82	330	270782	133.82	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1312723	162.17	ng	-0.02
78) Terphenyl-d14	13.10	244	1372549	86.49	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.12	79	96590	12.177	ng	# 76
35) Caprolactam	8.74	113	372602	147.313	ng	# 77

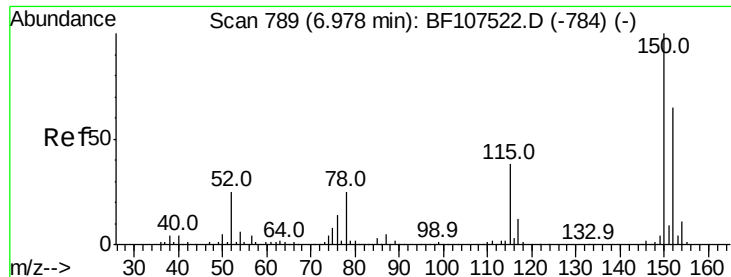
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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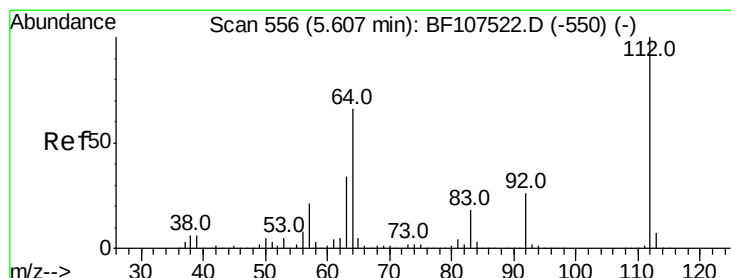
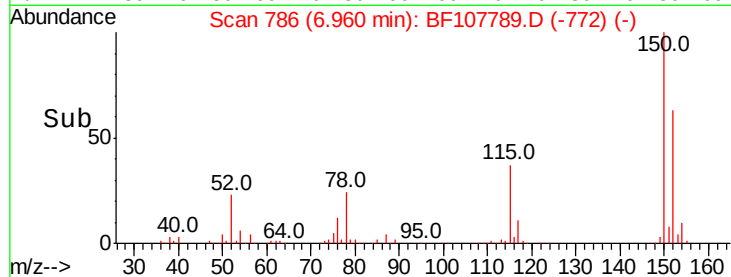
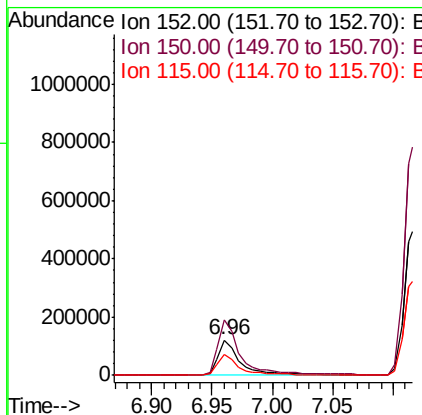
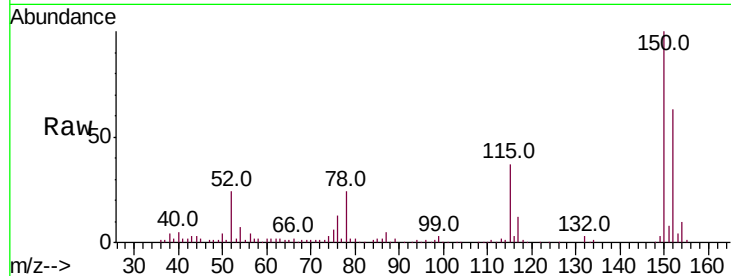


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 786
 Delta R.T. -0.02 min
 Lab File: BF107789.D
 Acq: 28 Jul 2018 11:23

Instrument :
 BNA_F
 ClientSampleId :
 PLASTIC-COAT

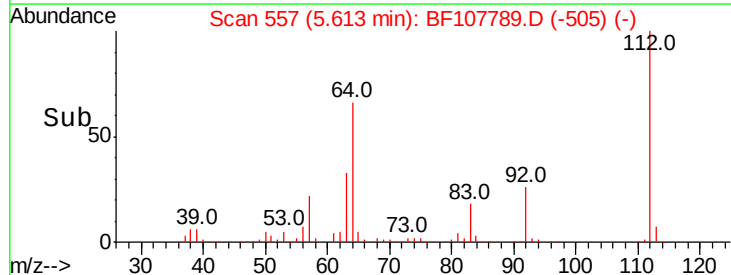
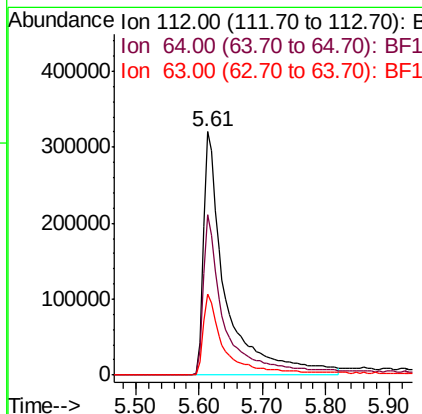
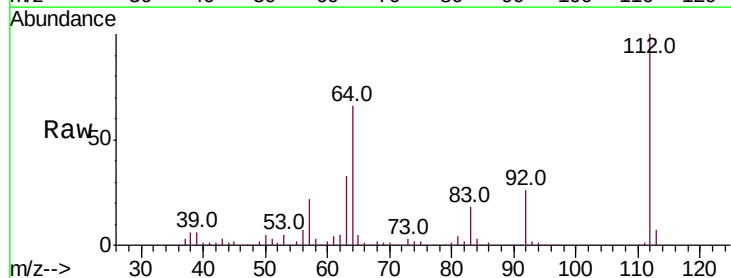
Tot Ion:152 Resp: 155849
 Ion Ratio Lower Upper
 152 100
 150 158.1 124.6 186.8
 115 58.8 50.1 75.1

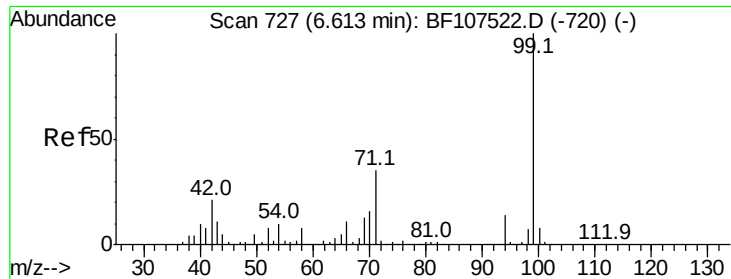


#5

2-Fluorophenol
 Concen: 80.689 ng
 RT: 5.61 min Scan# 557
 Delta R.T. 0.01 min
 Lab File: BF107789.D
 Acq: 28 Jul 2018 11:23

Tgt Ion:112 Resp: 782137
 Ion Ratio Lower Upper
 112 100
 64 65.9 47.9 71.9
 63 33.2 23.7 35.5





#7

Phenol-d6

Concen: 87.047 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.02 min

Lab File: BF107789.D

Acq: 28 Jul 2018 11:23

Instrument :

BNA_F

ClientSampleId :

PLASTIC-COAT

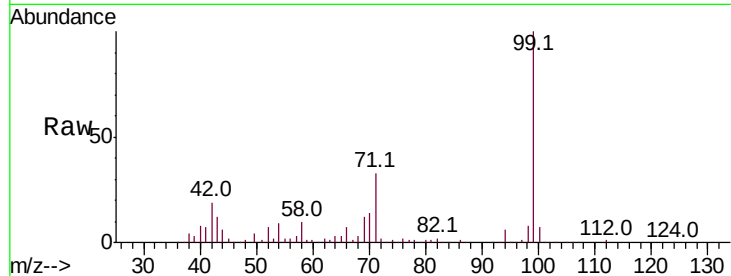
Tot Ion: 99 Resp: 1013140

Ion Ratio Lower Upper

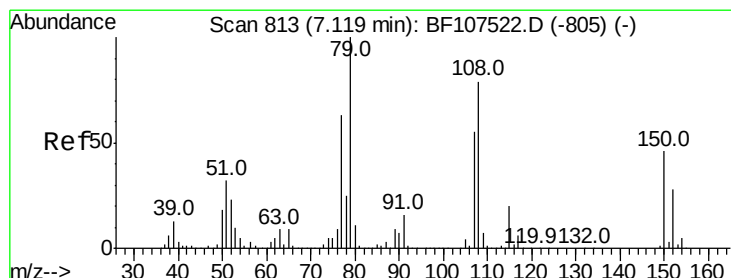
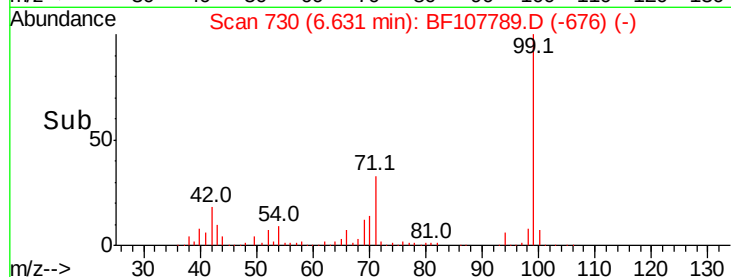
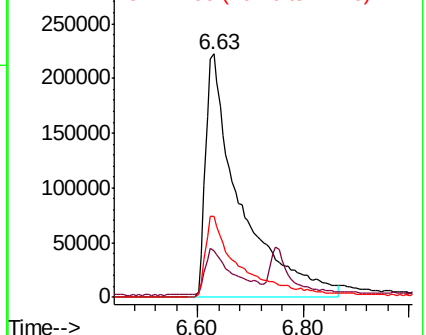
99 100

42 19.3 14.5 21.7

71 33.3 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



#15

Benzyl Alcohol

Concen: 12.177 ng

RT: 7.12 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF107789.D

Acq: 28 Jul 2018 11:23

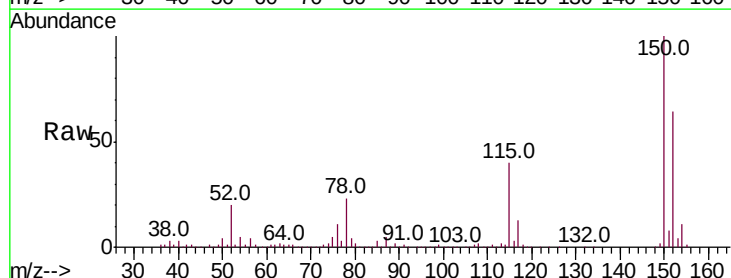
Tgt Ion: 79 Resp: 96590

Ion Ratio Lower Upper

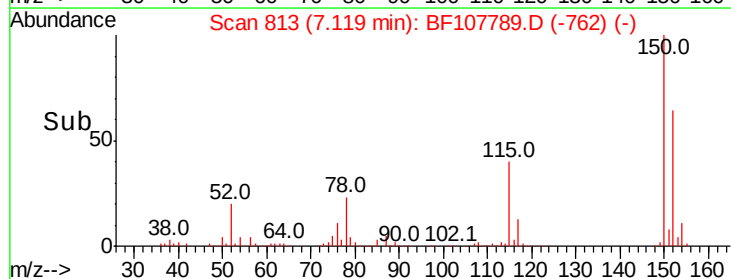
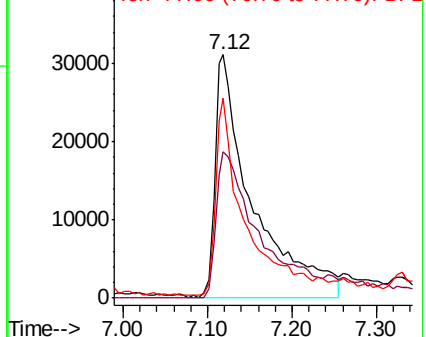
79 100

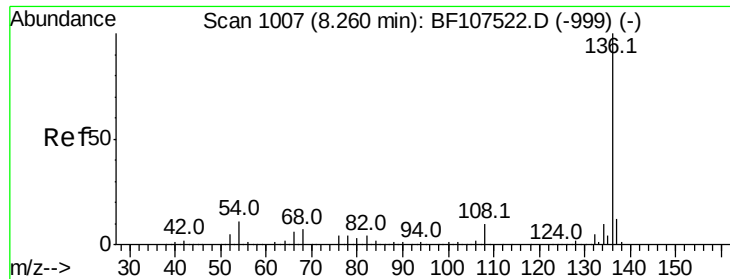
108 60.2 65.1 97.7#

77 82.3 50.6 75.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1004

Delta R.T. -0.02 min

Lab File: BF107789.D

Acq: 28 Jul 2018 11:23

Instrument :

BNA_F

ClientSampleId :

PLASTIC-COAT

Tot Ion:136 Resp: 560814

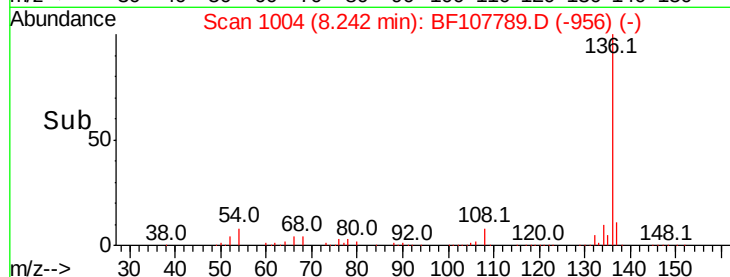
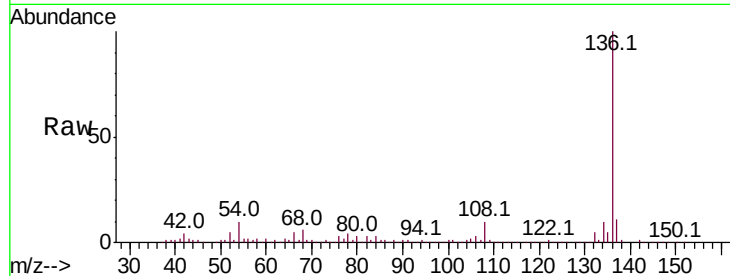
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 9.5 6.6 9.8

68 5.6 5.0 7.4

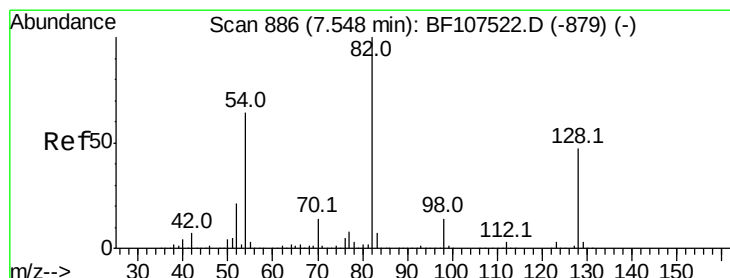
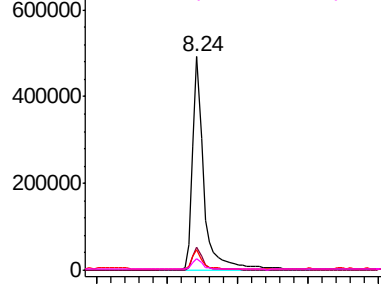


Abundance Ion 136.00 (135.70 to 136.70): E

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: 106.474 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.02 min

Lab File: BF107789.D

Acq: 28 Jul 2018 11:23

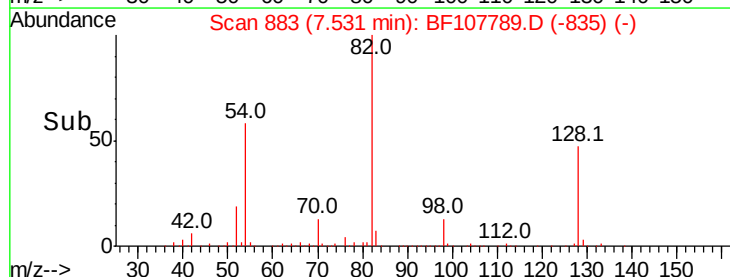
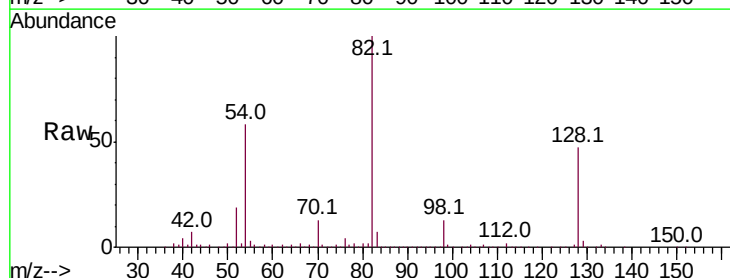
Tgt Ion: 82 Resp: 884788

Ion Ratio Lower Upper

82 100

128 47.4 36.1 54.1

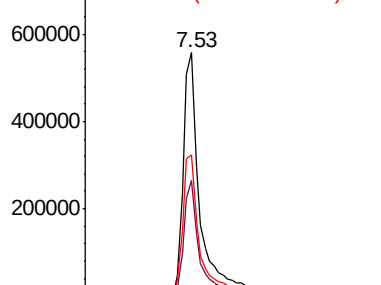
54 58.1 41.4 62.2

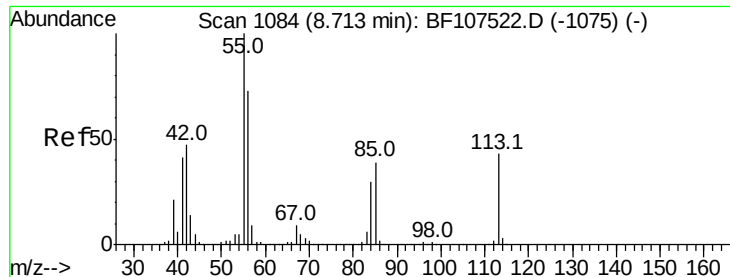


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

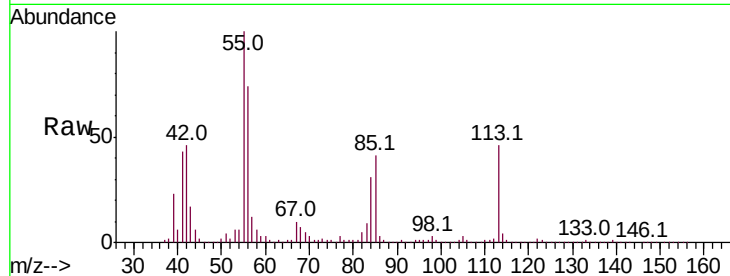




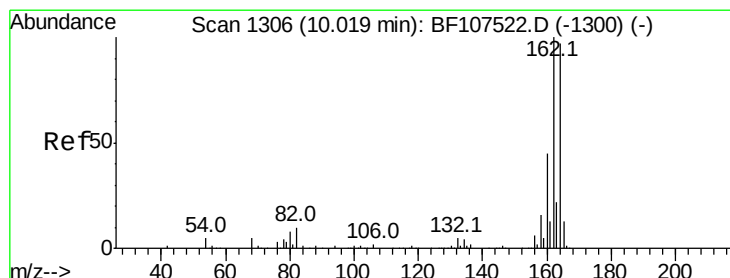
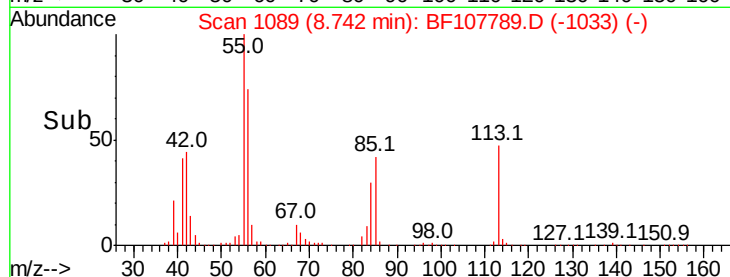
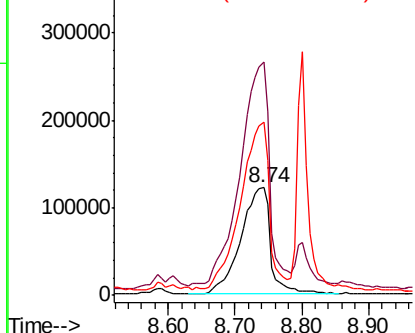
#35
 Caprolactam
 Concen: 147.313 ng
 RT: 8.74 min Scan# 1089
 Delta R.T. 0.03 min
 Lab File: BF107789.D
 Acq: 28 Jul 2018 11:23

Instrument :
 BNA_F
 ClientSampleId :
 PLASTIC-COAT

Tot Ion:113 Resp: 372602
 Ion Ratio Lower Upper
 113 100
 55 217.3 163.3 203.3#
 56 160.7 115.7 155.7#

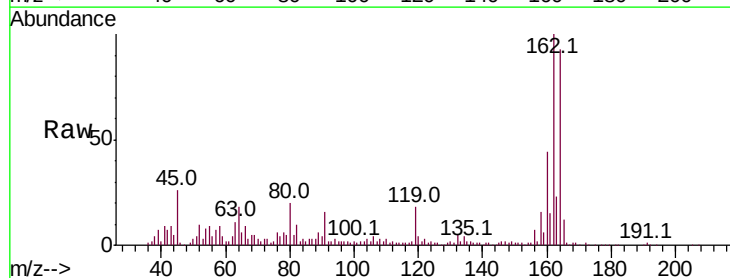


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

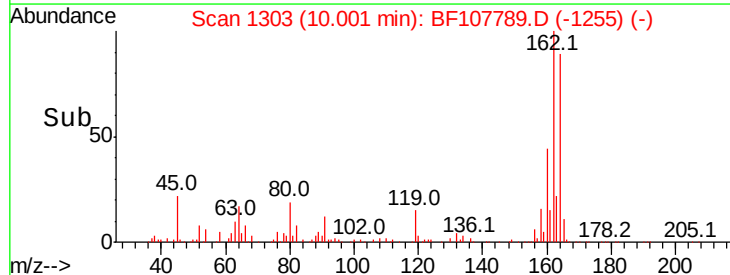
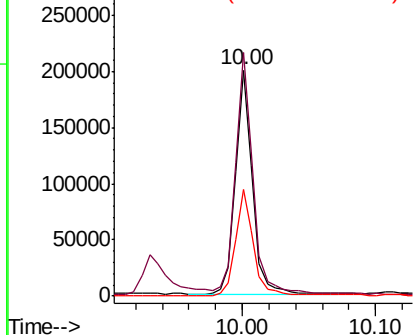


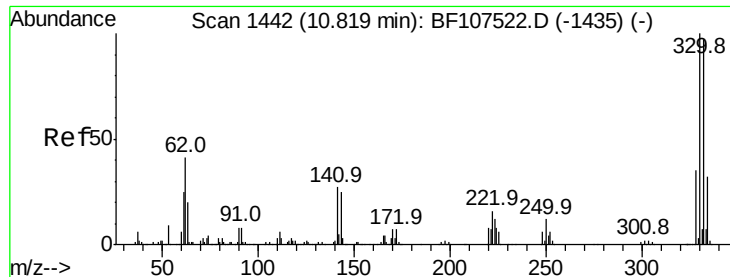
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.02 min
 Lab File: BF107789.D
 Acq: 28 Jul 2018 11:23

Tgt Ion:164 Resp: 177939
 Ion Ratio Lower Upper
 164 100
 162 107.6 86.1 129.1
 160 47.3 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

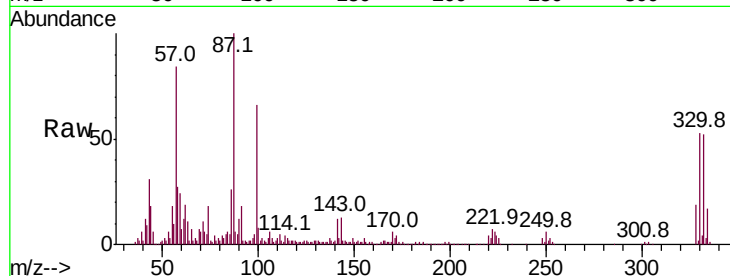




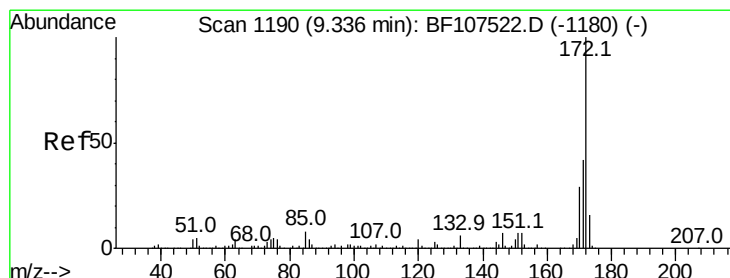
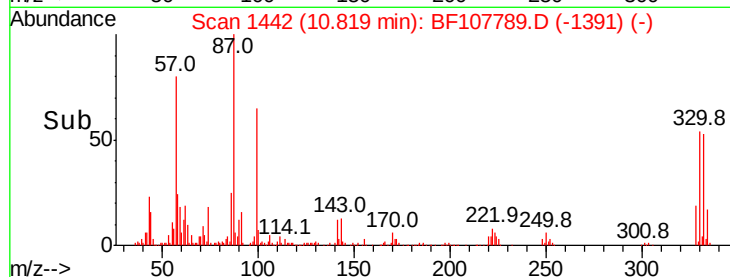
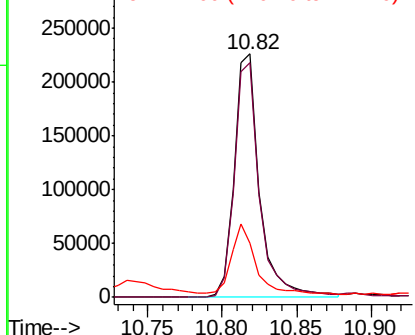
#41
 2,4,6-Tribromophenol
 Concen: 133.822 ng
 RT: 10.82 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: BF107789.D
 Acq: 28 Jul 2018 11:23

Instrument :
 BNA_F
 ClientSampleId :
 PLASTIC-COAT

Tot Ion:330 Resp: 270782
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 26.8 29.9 44.9#

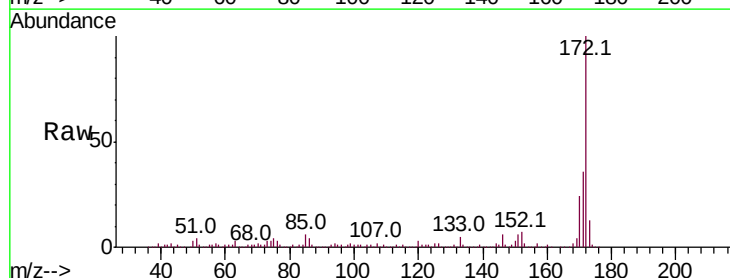


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

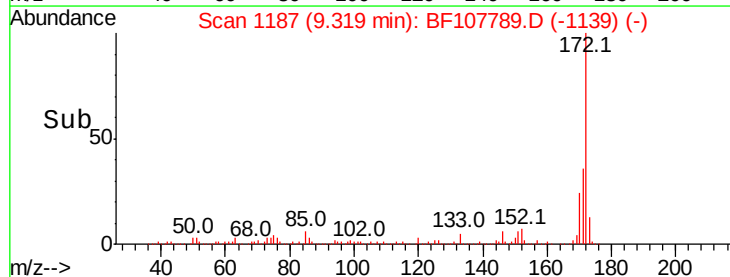
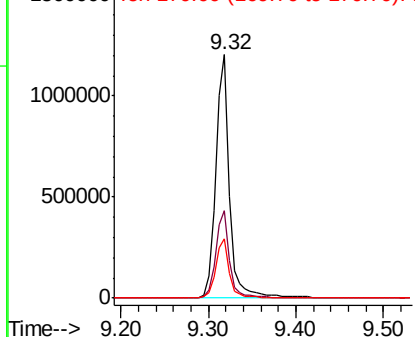


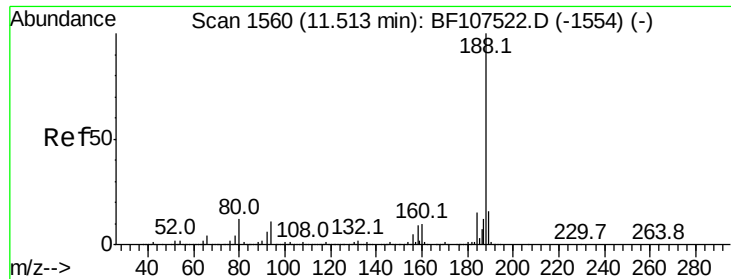
#44
 2-Fluorobiphenyl
 Concen: 162.174 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.02 min
 Lab File: BF107789.D
 Acq: 28 Jul 2018 11:23

Tgt Ion:172 Resp: 1312723
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 24.3 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

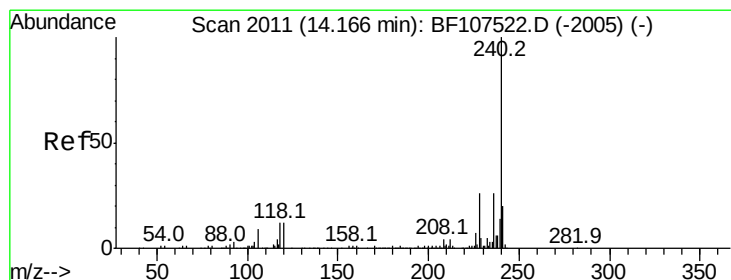
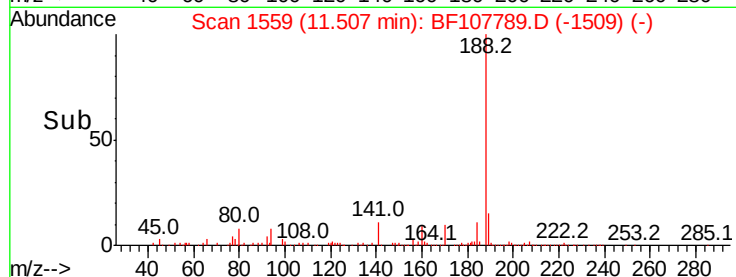
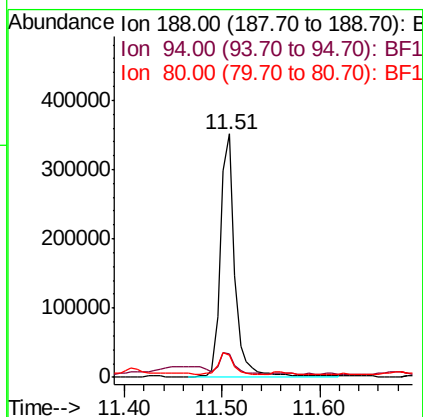
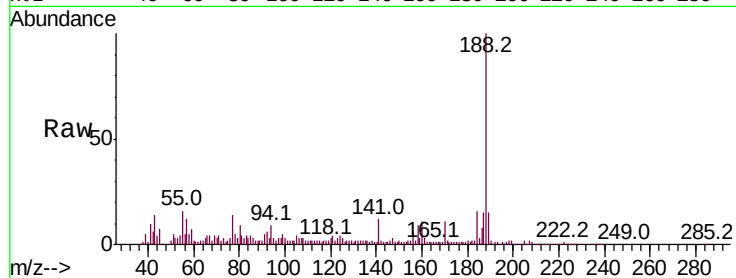




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF107789.D
Acq: 28 Jul 2018 11:23

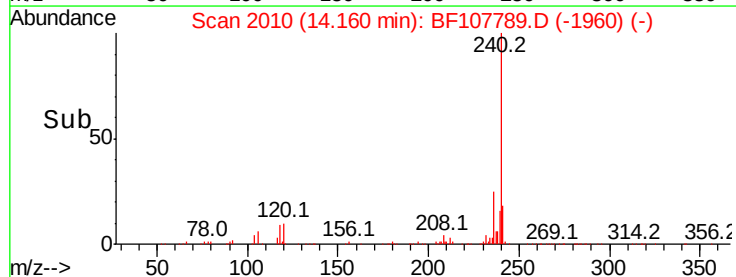
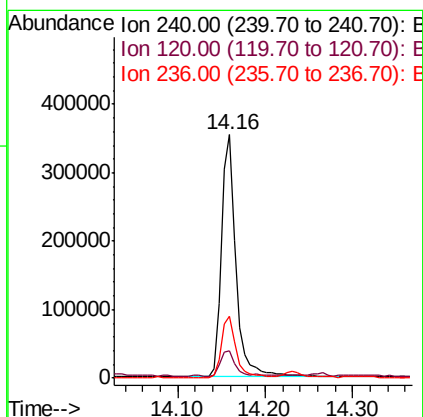
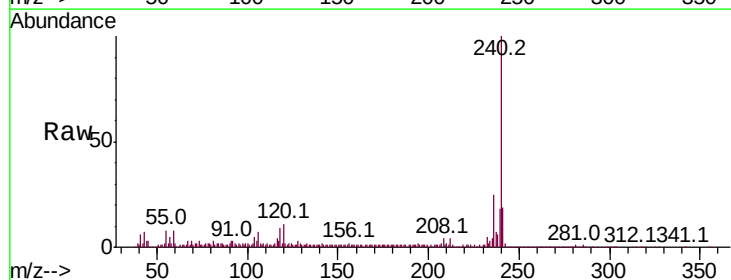
Instrument :
BNA_F
ClientSampleId :
PLASTIC-COAT

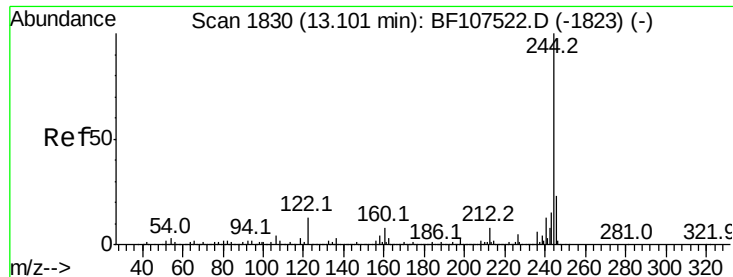
Tot Ion:188 Resp: 356564
Ion Ratio Lower Upper
188 100
94 9.4 8.5 12.7
80 9.3 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BF107789.D
Acq: 28 Jul 2018 11:23

Tgt Ion:240 Resp: 406267
Ion Ratio Lower Upper
240 100
120 11.4 9.5 14.3
236 25.5 20.7 31.1





#78

Terphenyl-d14

Concen: 86.491 ng

RT: 13.10 min Scan# 1829

Delta R.T. -0.00 min

Lab File: BF107789.D

Acq: 28 Jul 2018 11:23

Instrument :

BNA_F

ClientSampleId :

PLASTIC-COAT

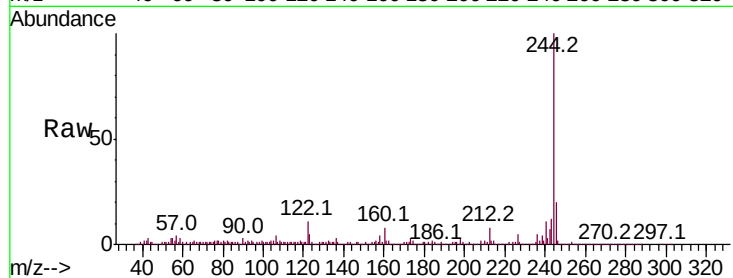
Tot Ion:244 Resp: 1372549

Ion Ratio Lower Upper

244 100

212 7.6 5.4 8.0

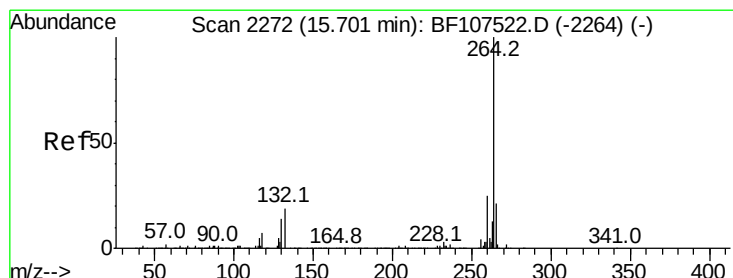
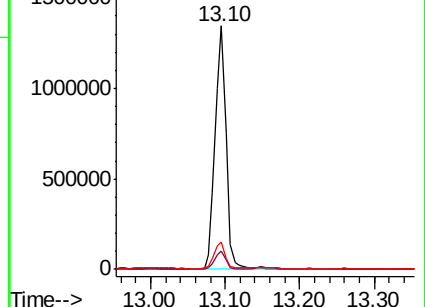
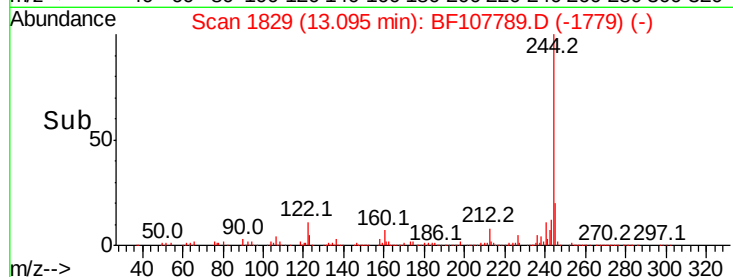
122 11.4 11.0 16.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.69 min Scan# 2270

Delta R.T. -0.01 min

Lab File: BF107789.D

Acq: 28 Jul 2018 11:23

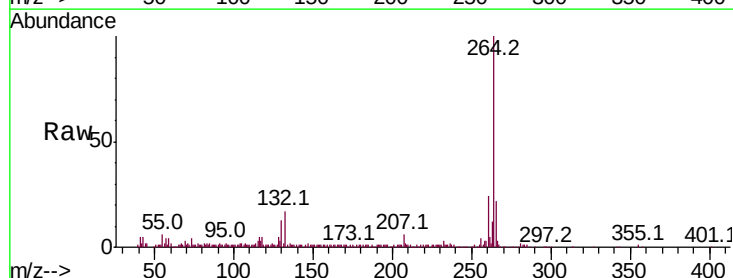
Tgt Ion:264 Resp: 323545

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 22.2 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

