

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081718\
 Data File : BF108269.D
 Acq On : 18 Aug 2018 3:42
 Operator : JU/SJ
 Sample : J4511-02
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RA-081418-FL-024

Quant Time: Aug 18 04:45:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

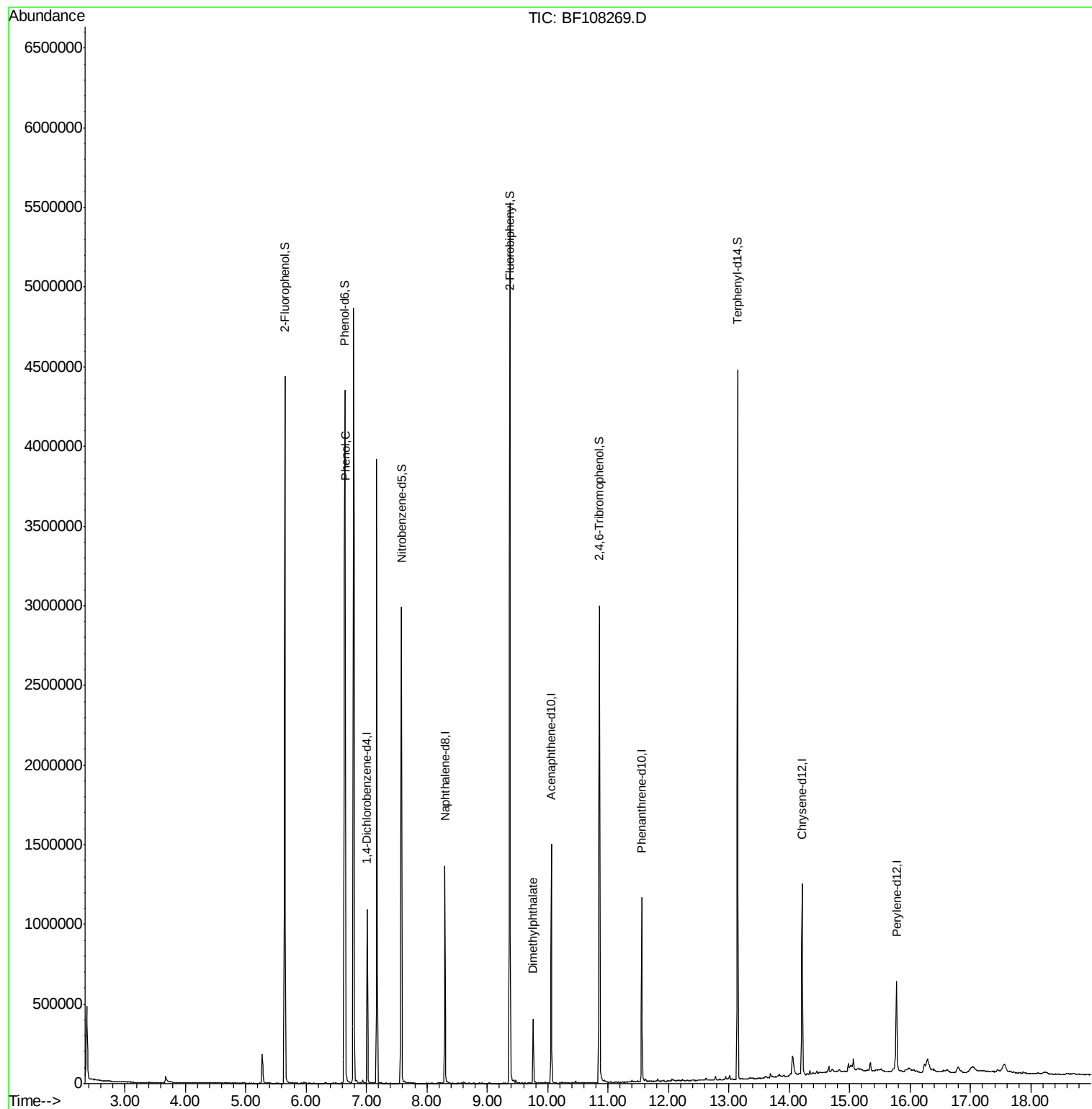
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	162373	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	588048	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	271998	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	444004	20.00	ng	0.00
75) Chrysene-d12	14.21	240	384798	20.00	ng	0.00
86) Perylene-d12	15.78	264	277949	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	1214612	135.43	ng	0.02
7) Phenol-d6	6.64	99	1645317	138.05	ng	0.01
23) Nitrobenzene-d5	7.58	82	1108599	105.20	ng	0.00
41) 2,4,6-Tribromophenol	10.86	330	372813	137.41	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	1909361	112.70	ng	0.00
78) Terphenyl-d14	13.15	244	1567947	103.60	ng	0.00
Target Compounds						
10) Phenol	6.65	94	31585	2.562	ng	87
49) Dimethylphthalate	9.76	163	158626	8.372	ng	# 99

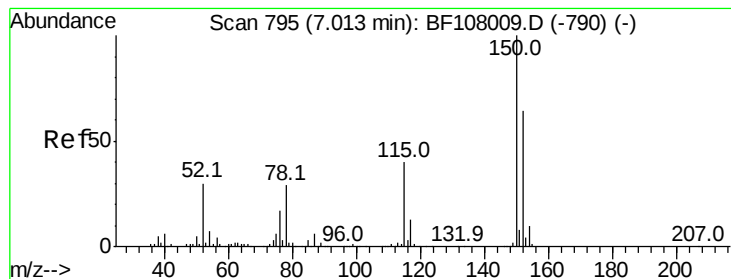
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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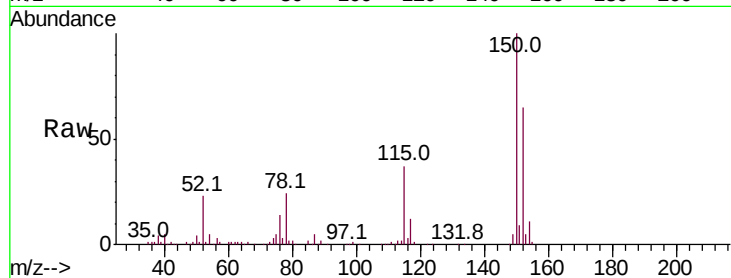


#1

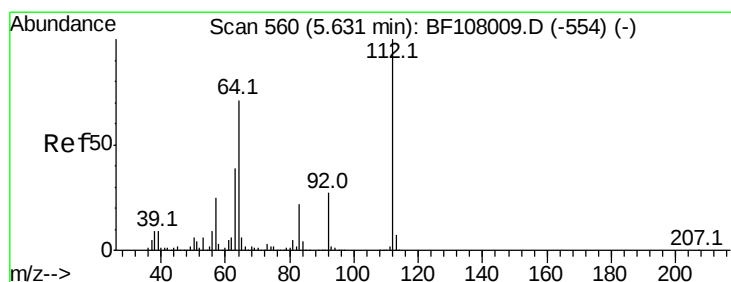
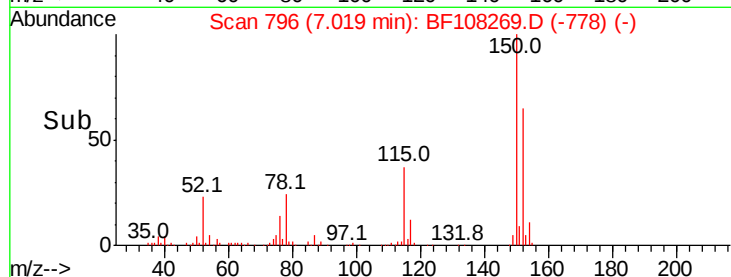
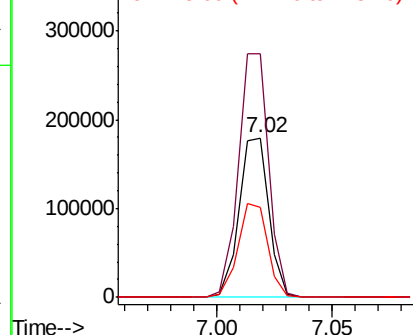
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108269.D
Acq: 18 Aug 2018 3:42

Instrument :
BNA_F
ClientSampleId :
RA-081418-FL-024

Tot Ion:152 Resp: 162373
Ion Ratio Lower Upper
152 100
150 152.8 124.6 186.8
115 56.8 50.1 75.1



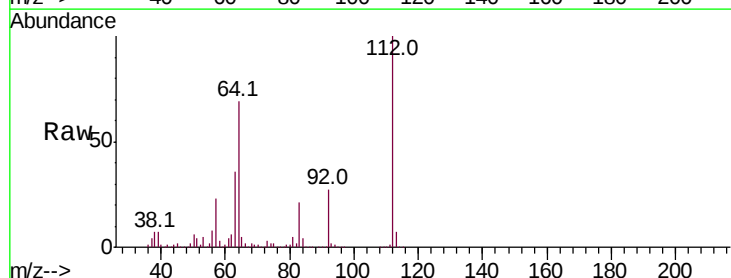
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



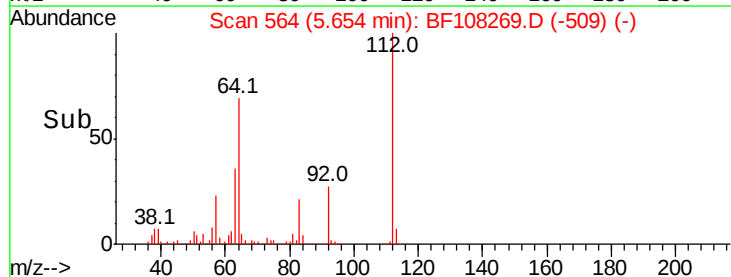
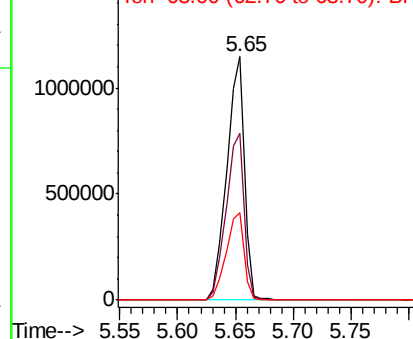
#5

2-Fluorophenol
Concen: 135.429 ng
RT: 5.65 min Scan# 564
Delta R.T. 0.02 min
Lab File: BF108269.D
Acq: 18 Aug 2018 3:42

Tgt Ion:112 Resp: 1214612
Ion Ratio Lower Upper
112 100
64 68.5 47.9 71.9
63 36.1 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: 138.052 ng

RT: 6.64 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF108269.D

Acq: 18 Aug 2018 3:42

Instrument :

BNA_F

ClientSampleId :

RA-081418-FL-024

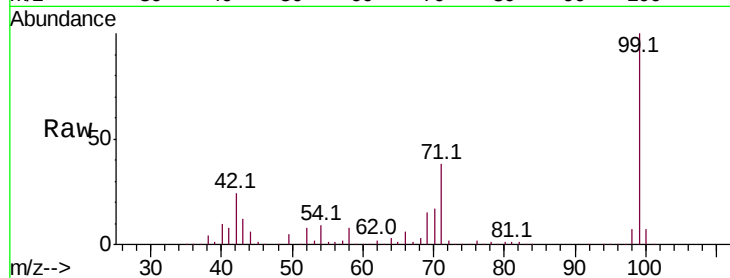
Tot Ion: 99 Resp: 1645317

Ion Ratio Lower Upper

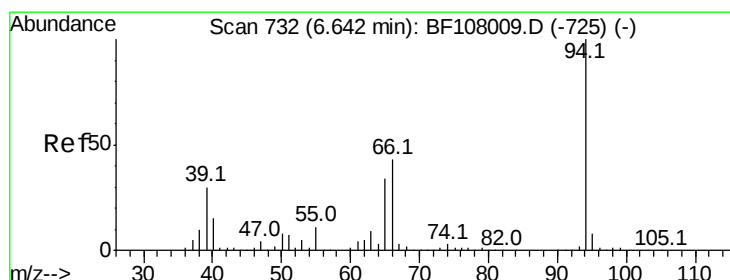
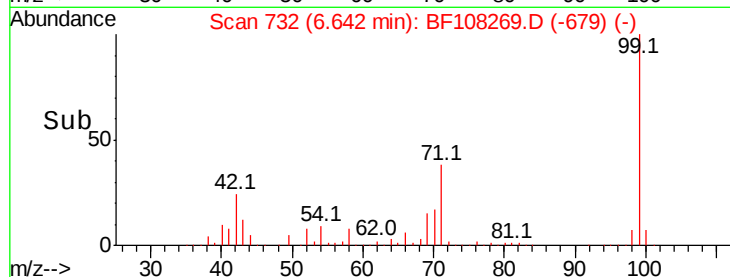
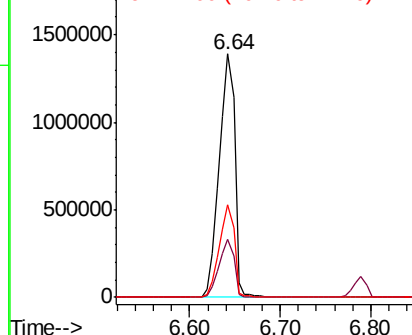
99 100

42 23.7 14.5 21.7#

71 38.1 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



#10

Phenol

Concen: 2.562 ng

RT: 6.65 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF108269.D

Acq: 18 Aug 2018 3:42

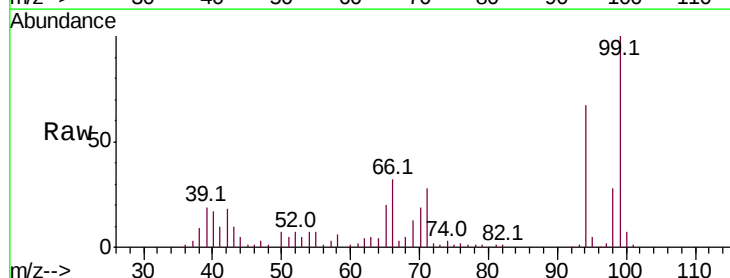
Tgt Ion: 94 Resp: 31585

Ion Ratio Lower Upper

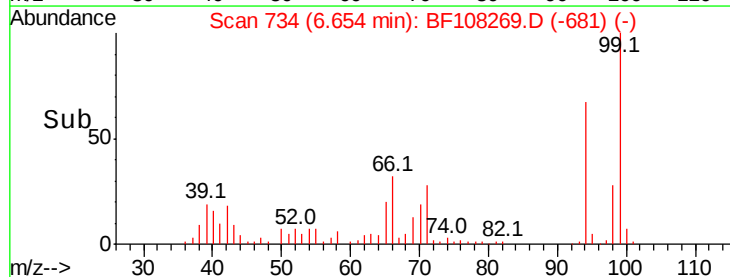
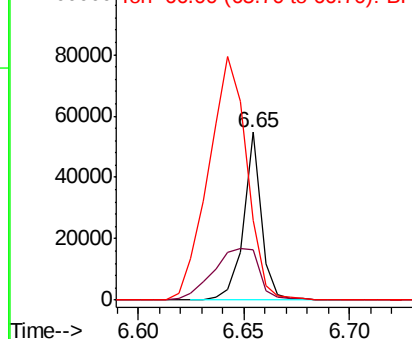
94 100

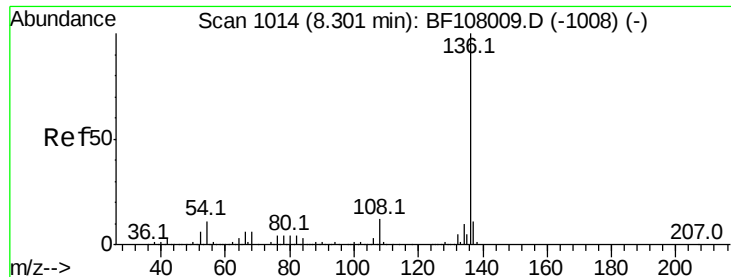
65 30.3 7.9 47.9

66 47.4 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

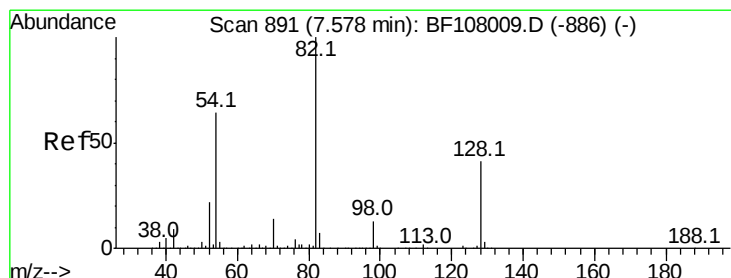
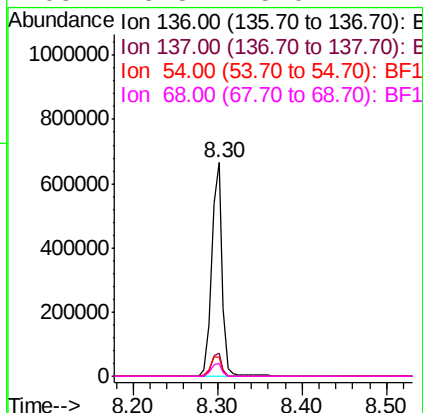
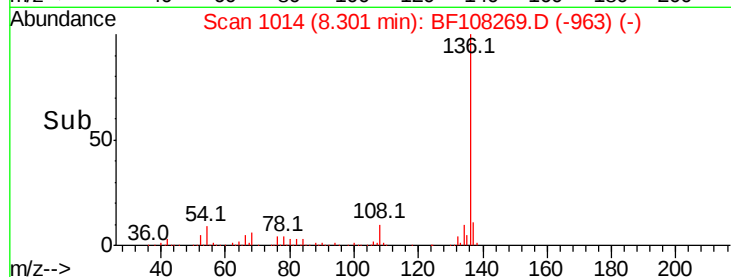
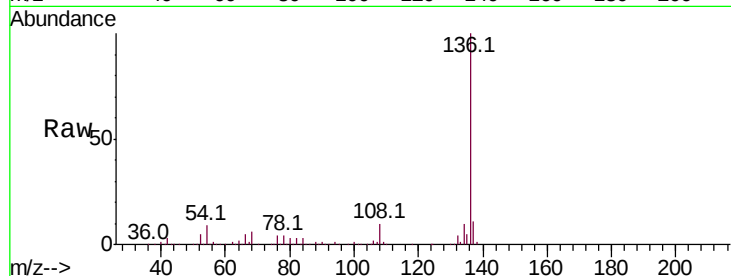




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF108269.D
Acq: 18 Aug 2018 3:42

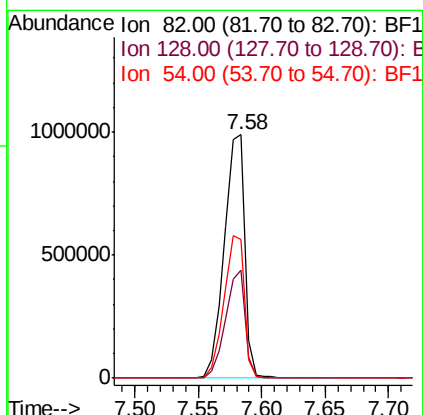
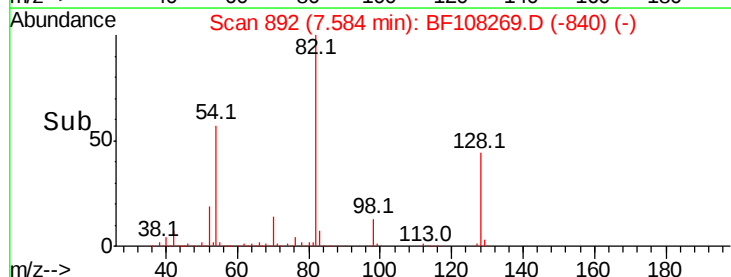
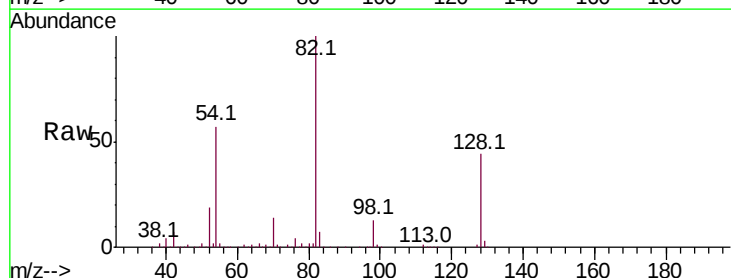
Instrument :
BNA_F
ClientSampleId :
RA-081418-FL-024

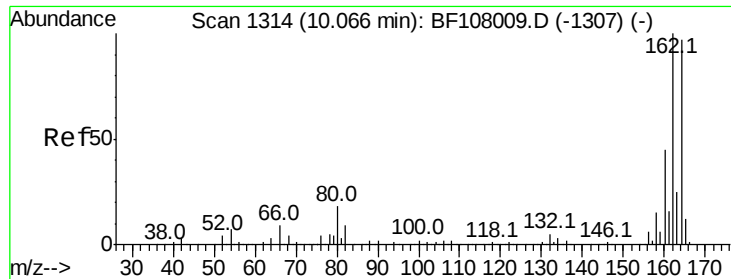
Tot Ion:	136	Resp:	588048
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	9.2	6.6	9.8
68	5.8	5.0	7.4



#23
Nitrobenzene-d5
Concen: 105.198 ng
RT: 7.58 min Scan# 892
Delta R.T. 0.01 min
Lab File: BF108269.D
Acq: 18 Aug 2018 3:42

Tgt Ion:	82	Resp:	1108599
Ion	Ratio	Lower	Upper
82	100		
128	44.2	36.1	54.1
54	57.0	41.4	62.2





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.06 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF108269.D

Acq: 18 Aug 2018 3:42

Instrument :

BNA_F

ClientSampleId :

RA-081418-FL-024

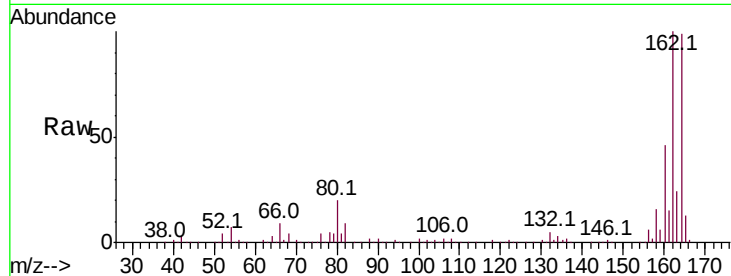
Tot Ion:164 Resp: 271998

Ion Ratio Lower Upper

164 100

162 101.5 86.1 129.1

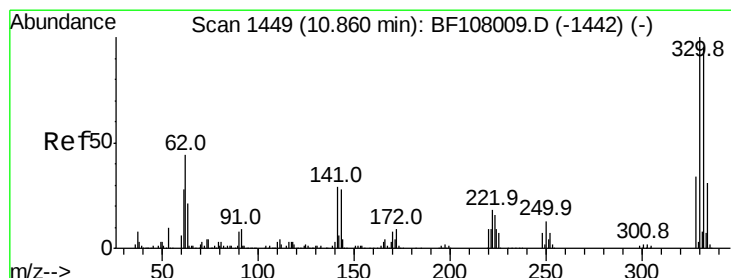
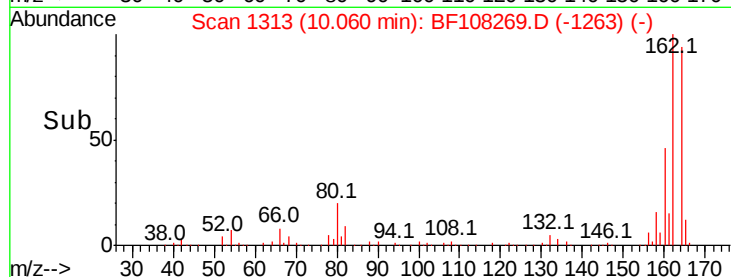
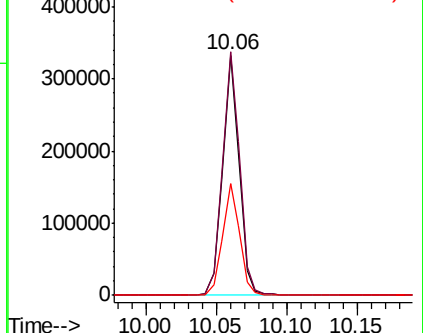
160 46.7 38.3 57.5



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: 137.412 ng

RT: 10.86 min Scan# 1449

Delta R.T. 0.00 min

Lab File: BF108269.D

Acq: 18 Aug 2018 3:42

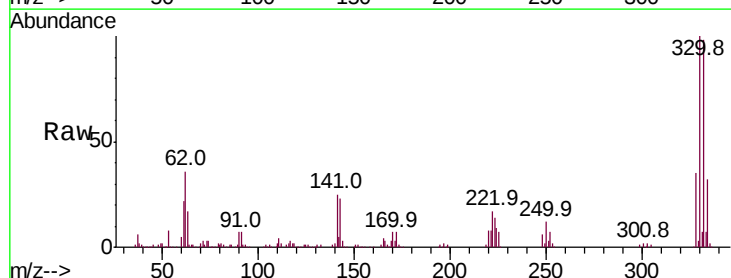
Tgt Ion:330 Resp: 372813

Ion Ratio Lower Upper

330 100

332 95.2 77.0 115.6

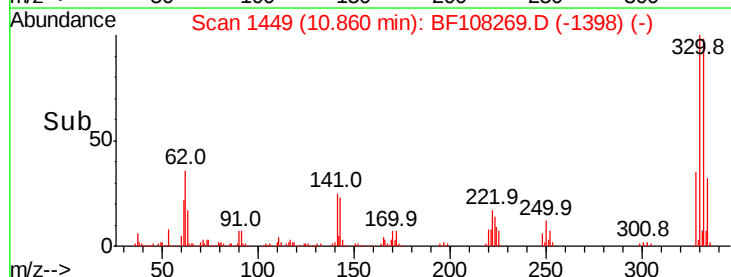
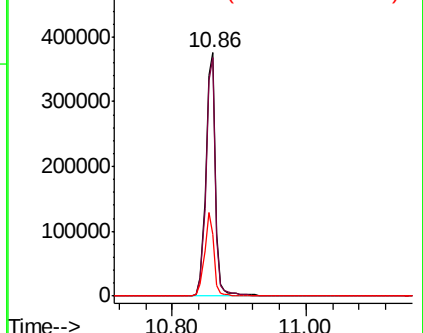
141 32.9 29.9 44.9

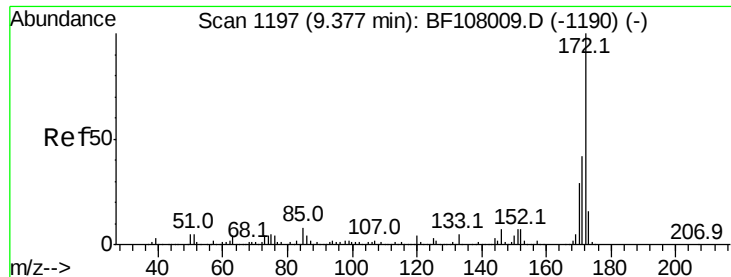


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 112.700 ng

RT: 9.38 min Scan# 1197

Delta R.T. 0.00 min

Lab File: BF108269.D

Acq: 18 Aug 2018 3:42

Instrument :

BNA_F

ClientSampleId :

RA-081418-FL-024

Tot Ion:172 Resp: 1909361

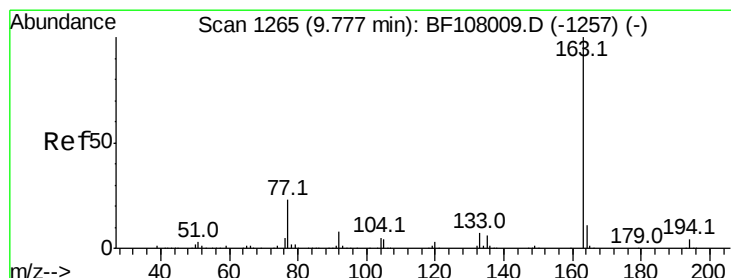
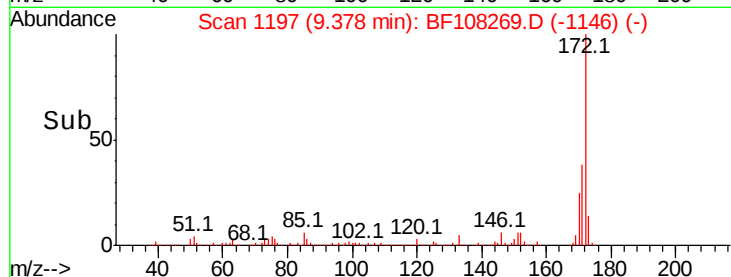
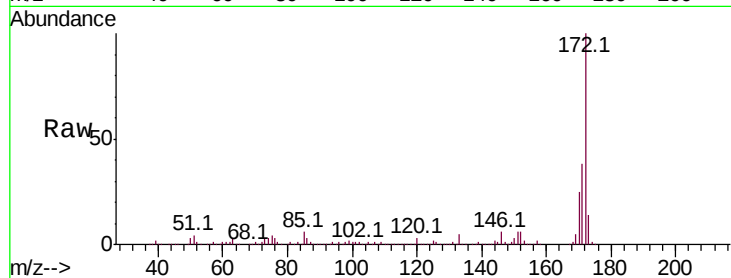
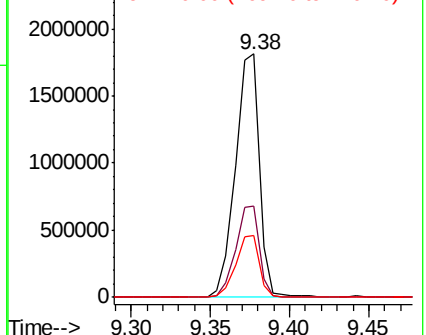
Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.7	44.5
170	25.5	19.6	29.4

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: 8.372 ng

RT: 9.76 min Scan# 1262

Delta R.T. -0.02 min

Lab File: BF108269.D

Acq: 18 Aug 2018 3:42

Tgt Ion:163 Resp: 158626

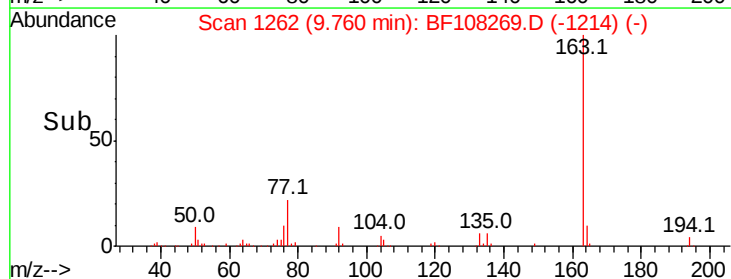
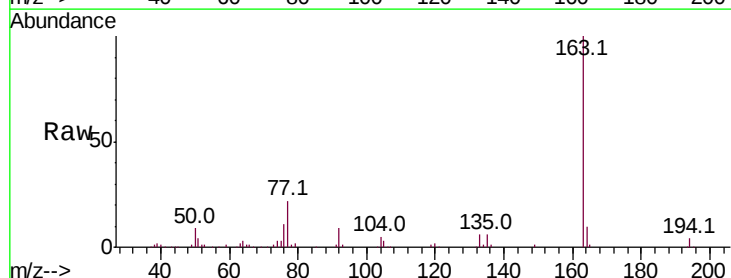
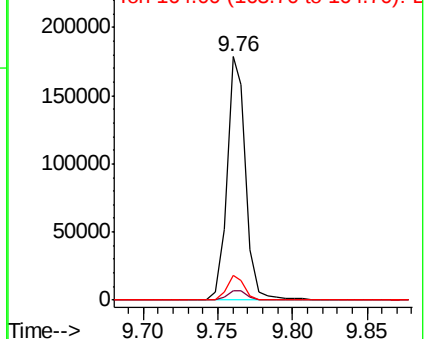
Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.7	4.1#
164	10.3	8.2	12.2

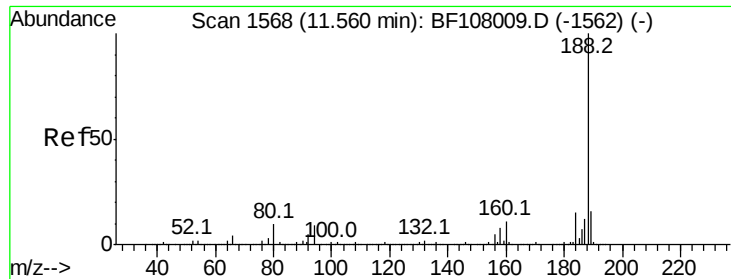
Abundance

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

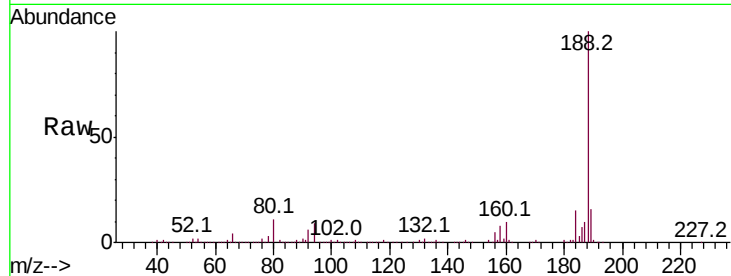




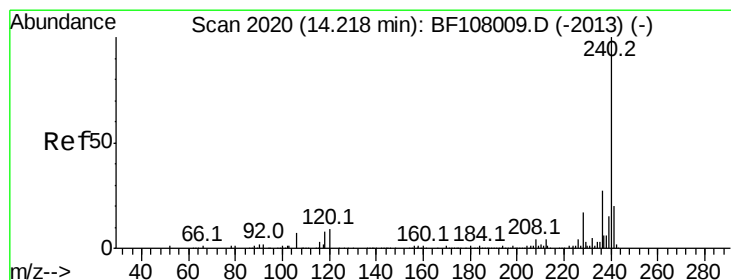
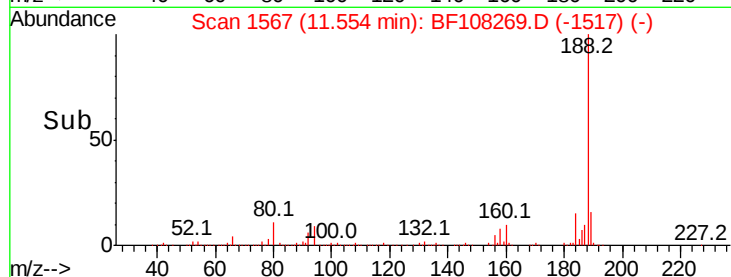
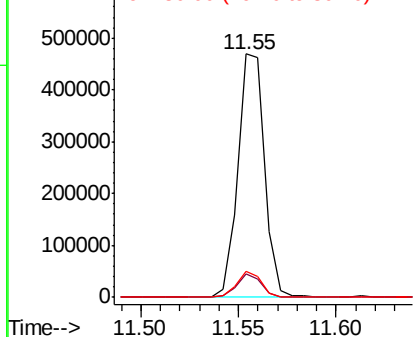
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.55 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF108269.D
Acq: 18 Aug 2018 3:42

Instrument :
BNA_F
ClientSampleId :
RA-081418-FL-024

Tot Ion:188 Resp: 444004
Ion Ratio Lower Upper
188 100
94 9.5 8.5 12.7
80 10.7 9.2 13.8

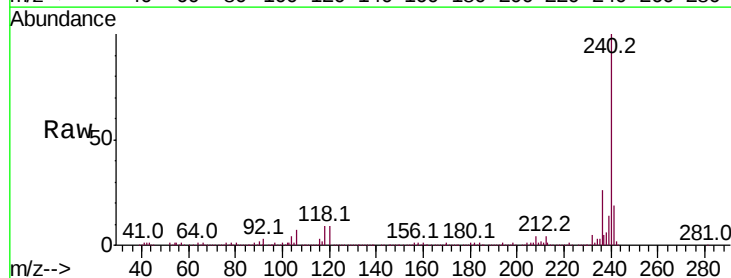


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

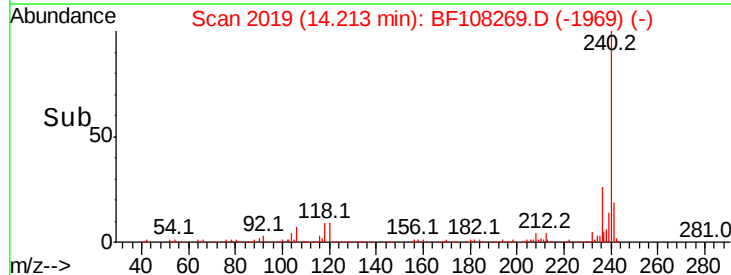
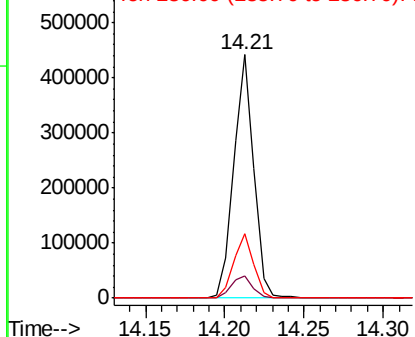


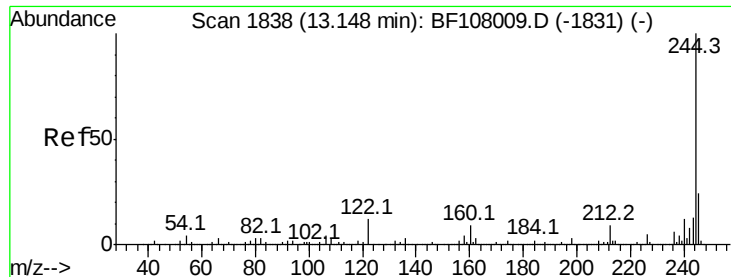
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.21 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF108269.D
Acq: 18 Aug 2018 3:42

Tgt Ion:240 Resp: 384798
Ion Ratio Lower Upper
240 100
120 9.2 9.5 14.3#
236 26.3 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: 103.603 ng

RT: 13.15 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF108269.D

Acq: 18 Aug 2018 3:42

Instrument :

BNA_F

ClientSampleId :

RA-081418-FL-024

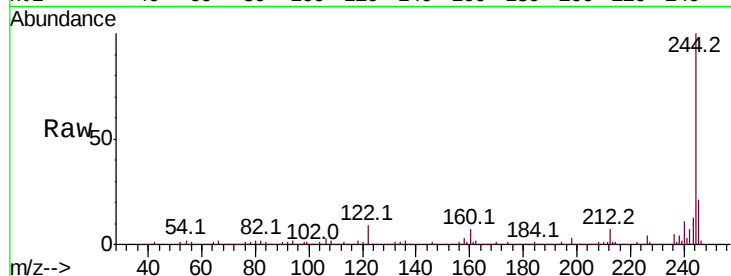
Tot Ion:244 Resp: 1567947

Ion Ratio Lower Upper

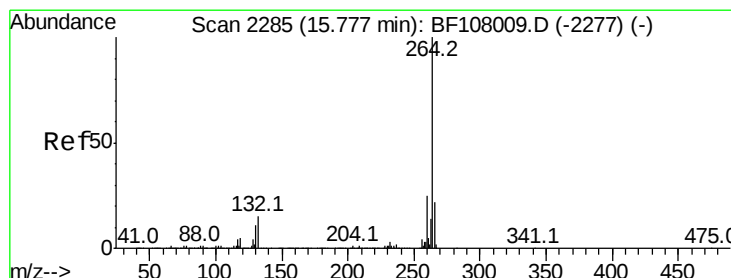
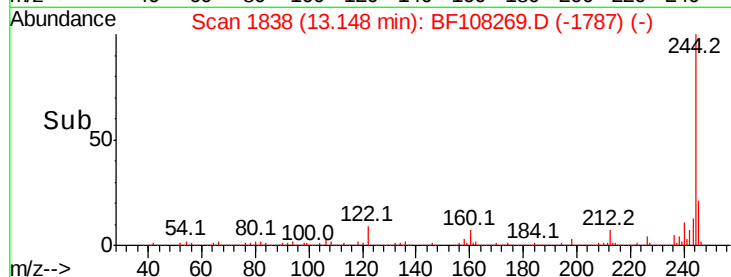
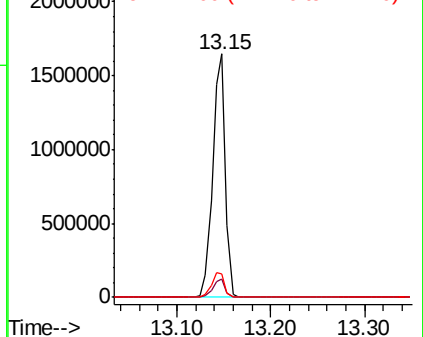
244 100

212 7.3 5.4 8.0

122 9.5 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: 15.78 min Scan# 2285

Delta R.T. 0.00 min

Lab File: BF108269.D

Acq: 18 Aug 2018 3:42

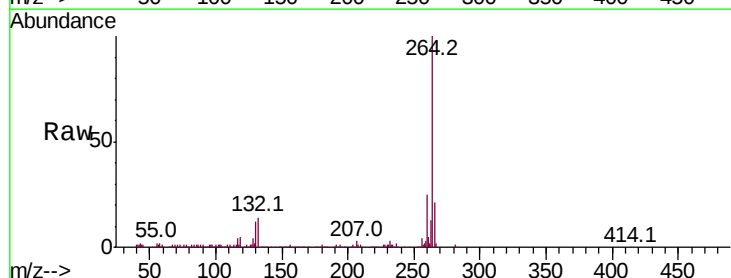
Tgt Ion:264 Resp: 277949

Ion Ratio Lower Upper

264 100

260 24.6 19.2 28.8

265 20.8 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

