

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021419\
 Data File : BF112563.D
 Acq On : 14 Feb 2019 13:10
 Operator : JU/SJ
 Sample : K1458-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2

Quant Time: Feb 15 06:14:24 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

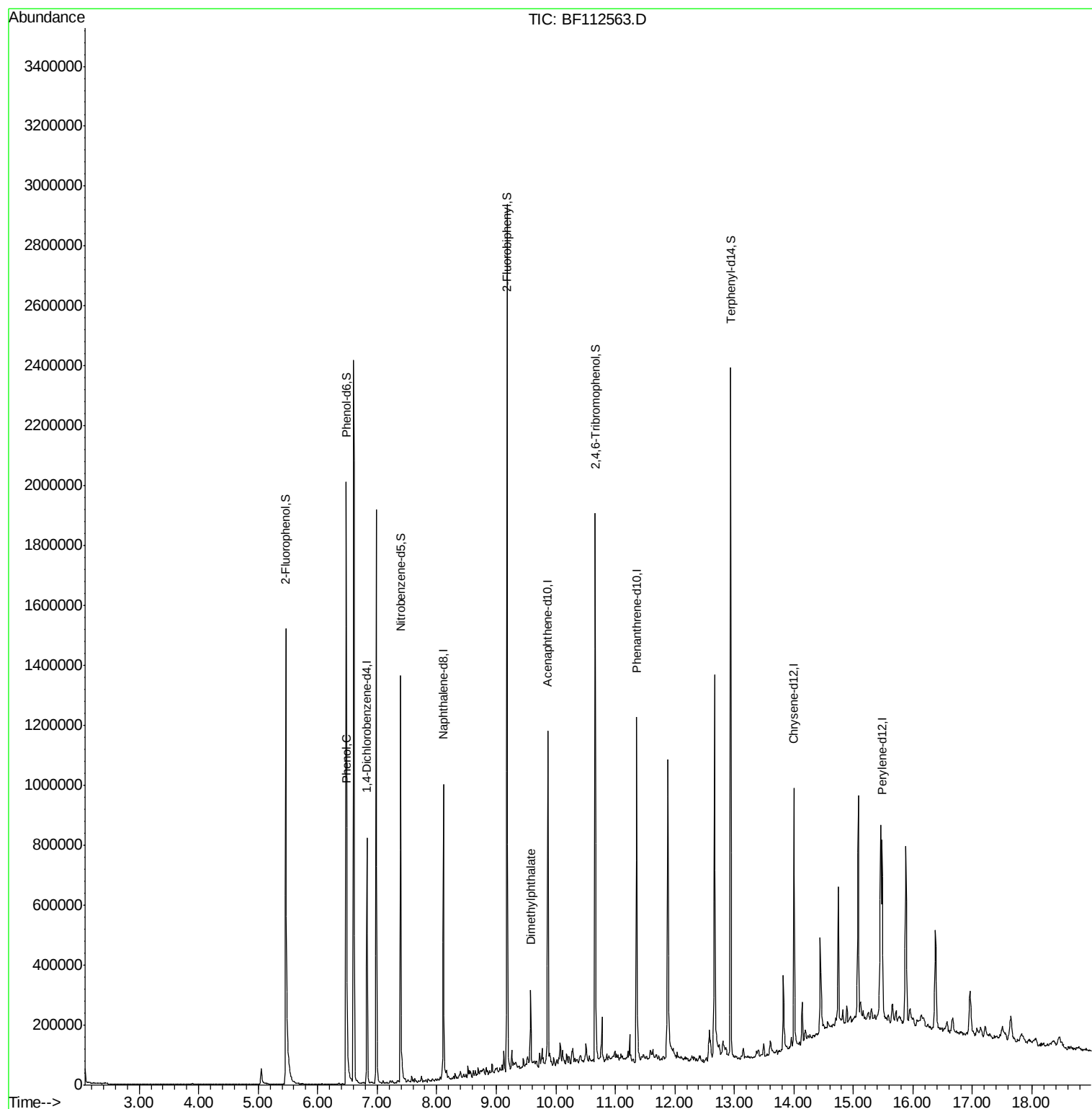
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	118514	20.00	ng	-0.02
21) Naphthalene-d8	8.11	136	467342	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	225252	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	397244	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	284968	20.00	ng	0.00
87) Perylene-d12	15.48	264	285182	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	570388	102.23	ng	-0.02
7) Phenol-d6	6.48	99	723482	93.31	ng	-0.01
23) Nitrobenzene-d5	7.39	82	461521	56.90	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	223042	85.07	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	905500	56.86	ng	-0.02
79) Terphenyl-d14	12.94	244	757272	50.05	ng	-0.01
Target Compounds						
10) Phenol	6.49	94	27276	3.207	ng	88
50) Dimethylphthalate	9.58	163	74632	4.264	ng	97

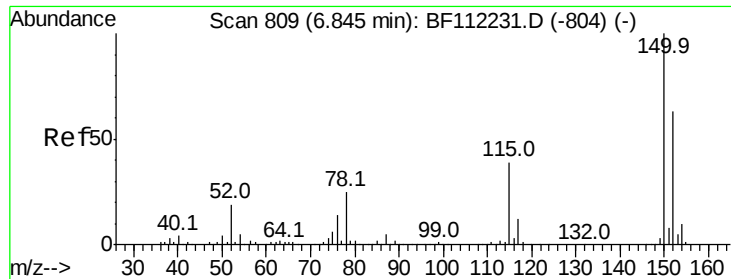
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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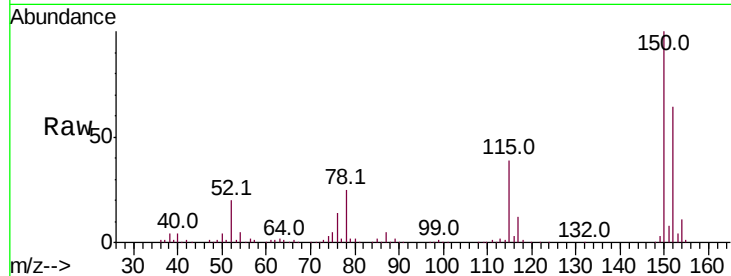


#1

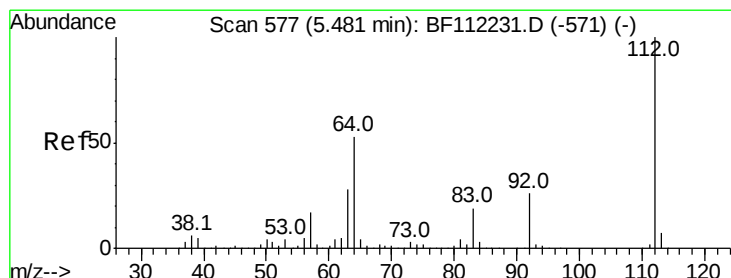
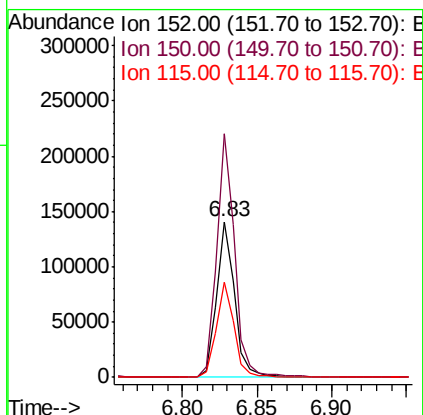
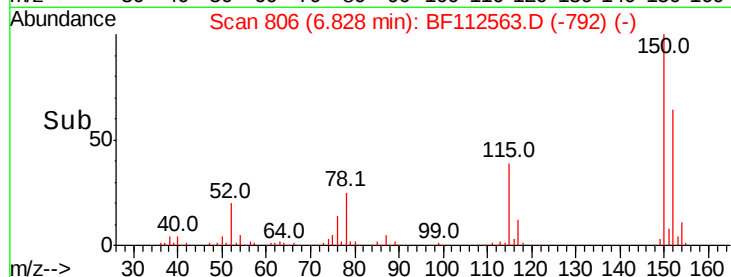
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.02 min
 Lab File: BF112563.D
 Acq: 14 Feb 2019 13:10

Instrument :
 BNA_F
 ClientSampleId :
 SB-2

Tot Ion:152 Resp: 118514
 Ion Ratio Lower Upper
 152 100
 150 156.6 127.4 191.0
 115 61.3 45.5 68.3



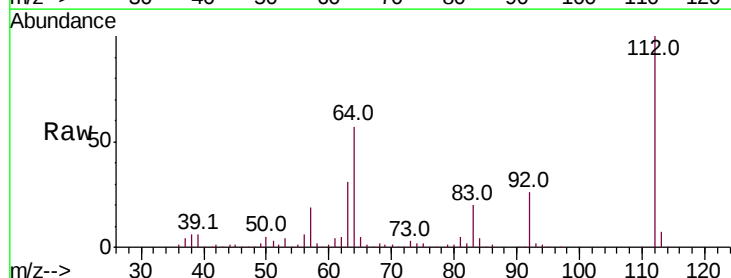
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



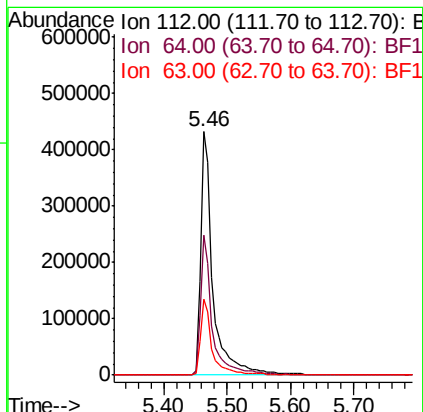
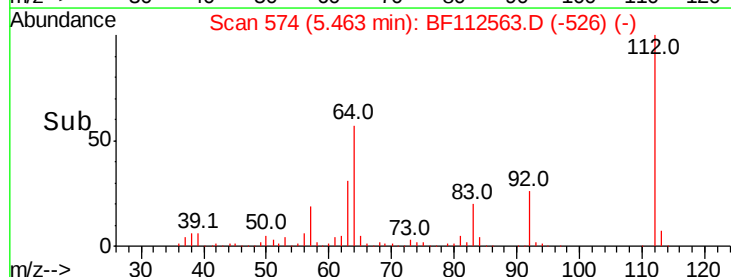
#5

2-Fluorophenol
 Concen: 102.228 ng
 RT: 5.46 min Scan# 574
 Delta R.T. -0.02 min
 Lab File: BF112563.D
 Acq: 14 Feb 2019 13:10

Tgt Ion:112 Resp: 570388
 Ion Ratio Lower Upper
 112 100
 64 57.3 45.7 68.5
 63 31.0 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: 93.315 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112563.D

Acq: 14 Feb 2019 13:10

Instrument :

BNA_F

ClientSampleId :

SB-2

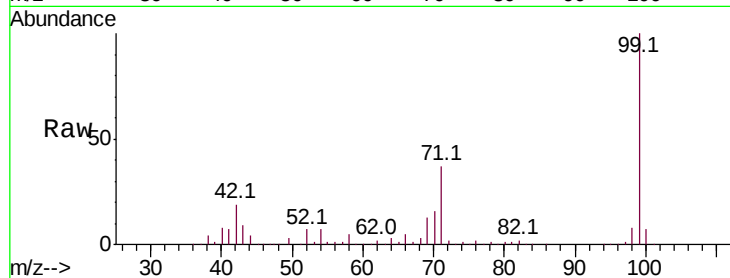
Tot Ion: 99 Resp: 723482

Ion Ratio Lower Upper

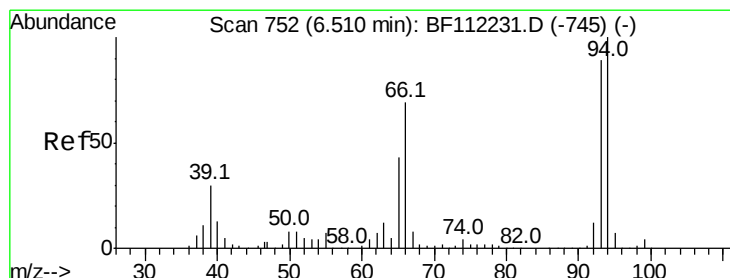
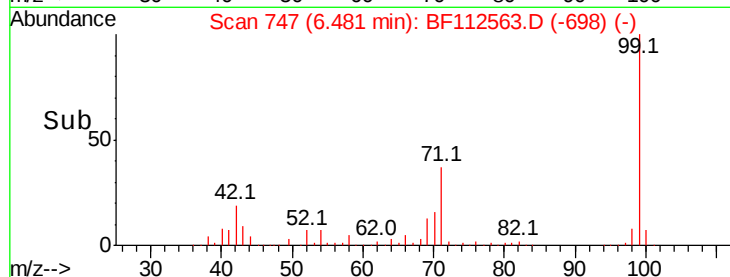
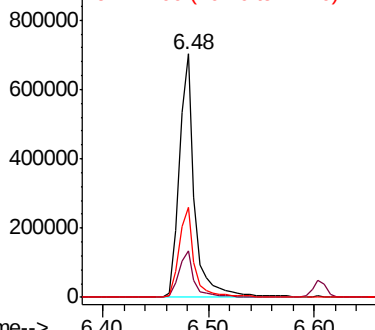
99 100

42 18.9 15.1 22.7

71 37.1 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



#10

Phenol

Concen: 3.207 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF112563.D

Acq: 14 Feb 2019 13:10

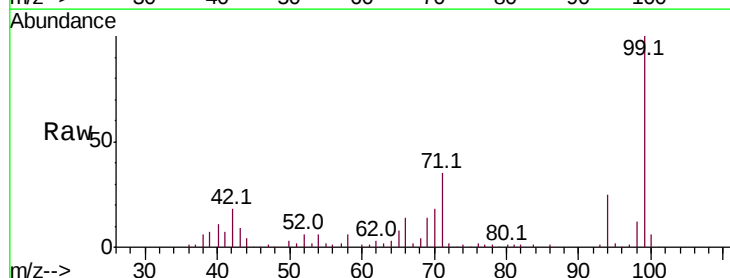
Tgt Ion: 94 Resp: 27276

Ion Ratio Lower Upper

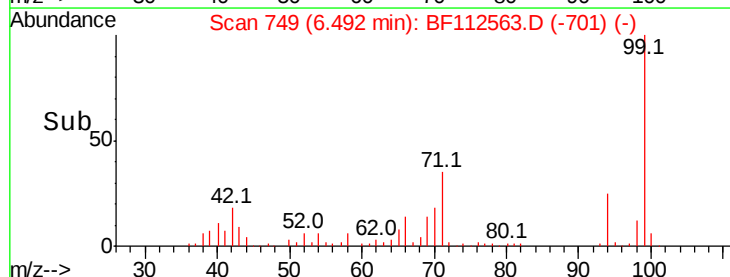
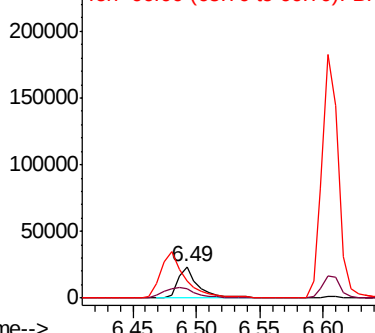
94 100

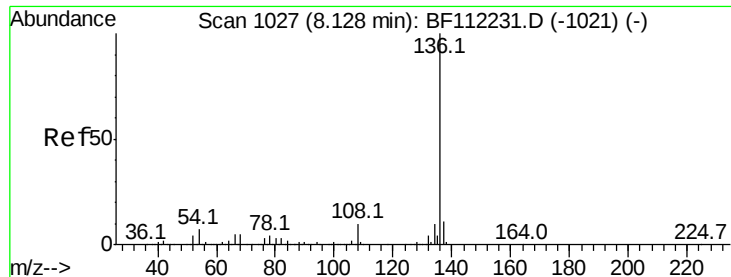
65 30.7 20.3 60.3

66 55.0 42.4 82.4



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

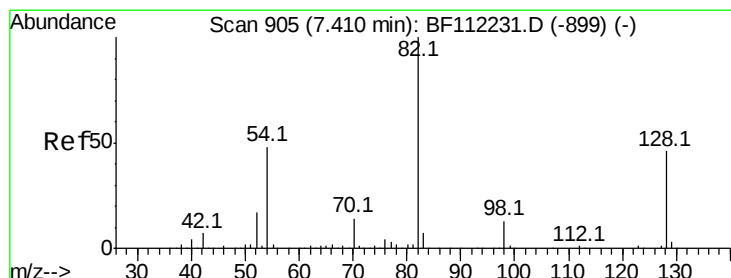
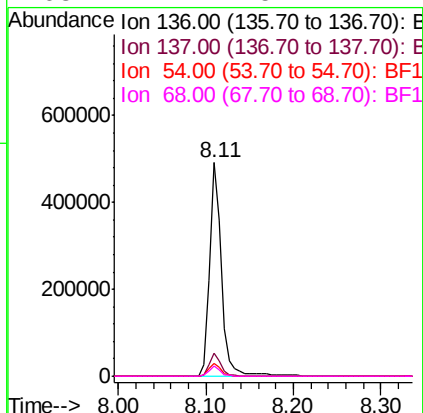
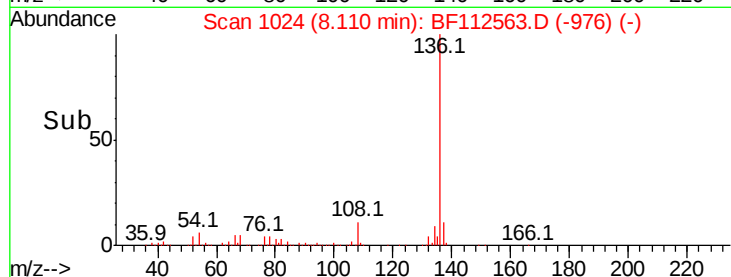
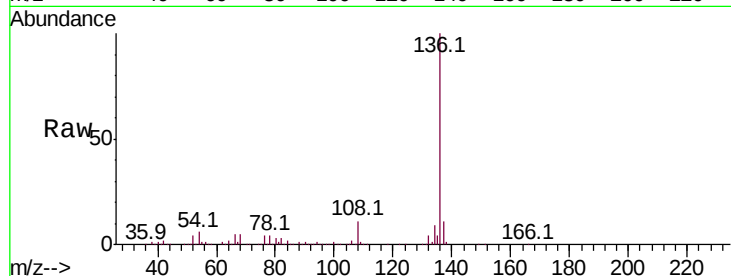




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BF112563.D
Acq: 14 Feb 2019 13:10

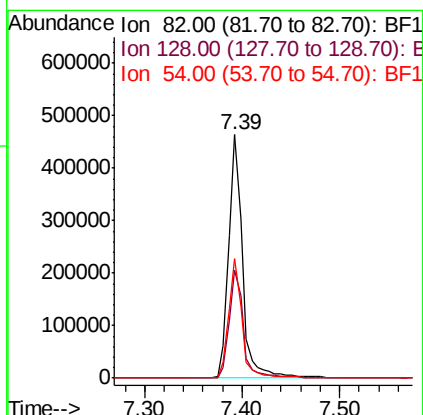
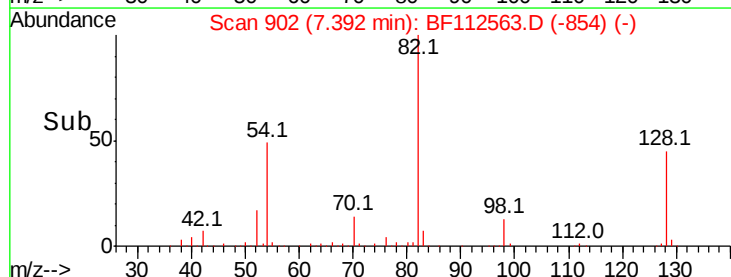
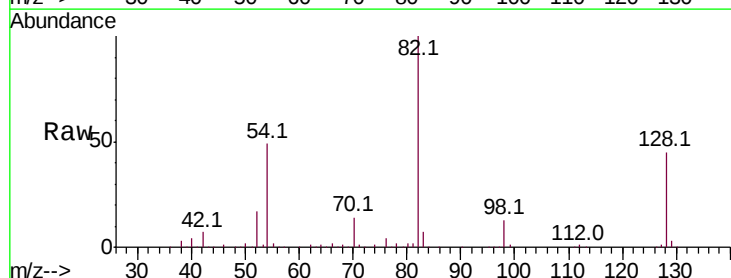
Instrument :
BNA_F
ClientSampled :
SB-2

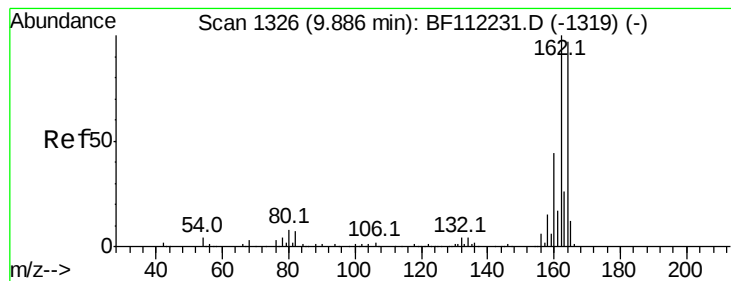
Tot Ion:136 Resp: 467342
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 6.1 5.9 8.9
68 4.7 5.1 7.7#



#23
Nitrobenzene-d5
Concen: 56.902 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.02 min
Lab File: BF112563.D
Acq: 14 Feb 2019 13:10

Tgt Ion: 82 Resp: 461521
Ion Ratio Lower Upper
82 100
128 44.5 37.8 56.8
54 48.9 39.7 59.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF112563.D

Acq: 14 Feb 2019 13:10

Instrument :

BNA_F

ClientSampleId :

SB-2

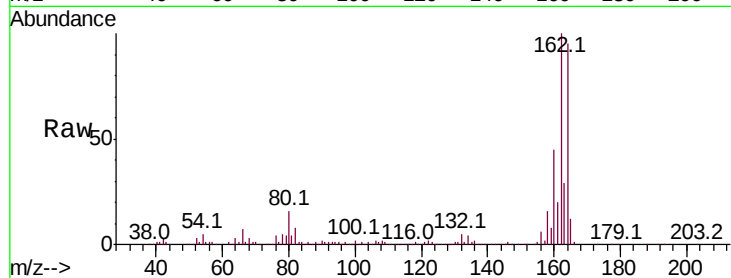
Tot Ion:164 Resp: 225252

Ion Ratio Lower Upper

164 100

162 105.1 82.2 123.4

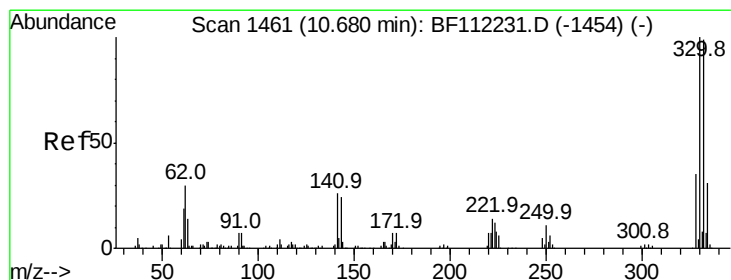
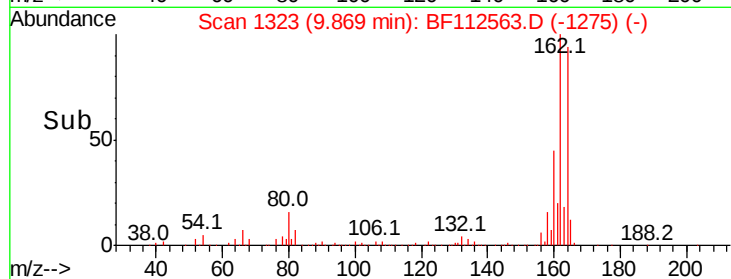
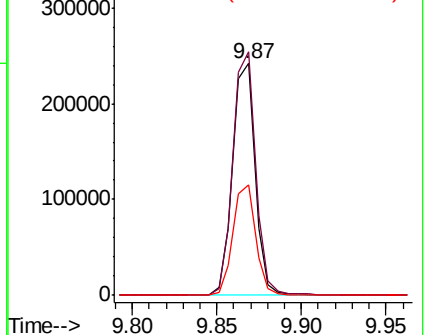
160 47.6 36.2 54.4



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



#42

2,4,6-Tribromophenol

Concen: 85.070 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BF112563.D

Acq: 14 Feb 2019 13:10

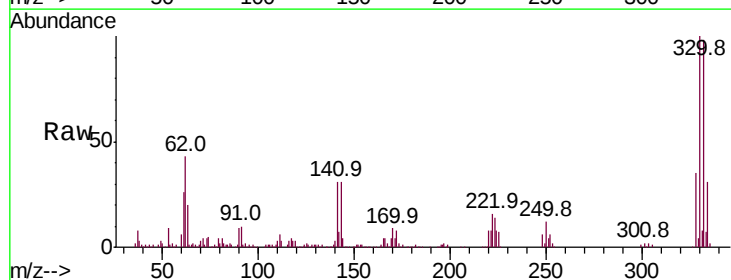
Tgt Ion:330 Resp: 223042

Ion Ratio Lower Upper

330 100

332 97.4 76.6 114.8

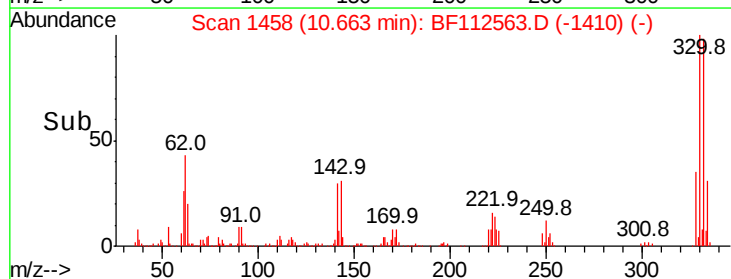
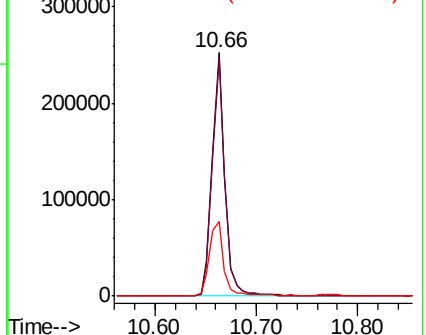
141 33.1 24.3 36.5

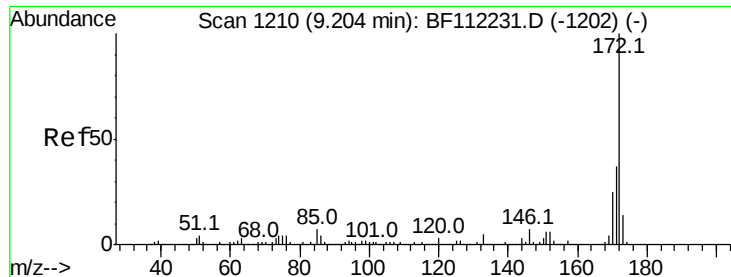


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

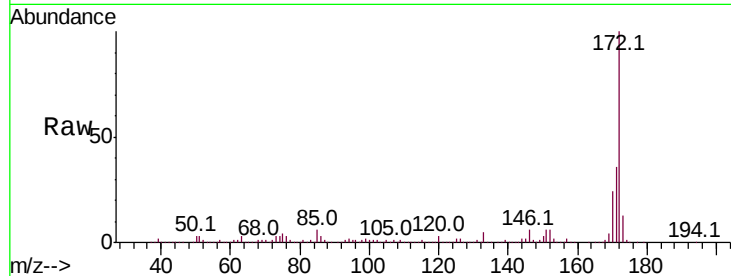




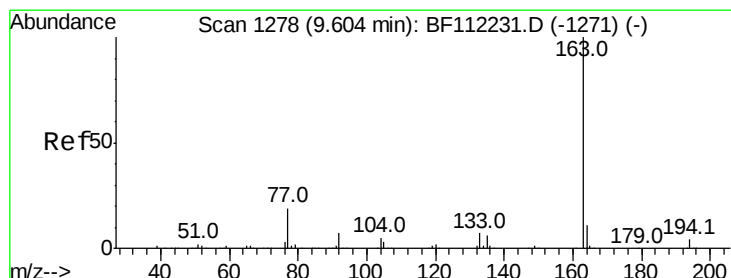
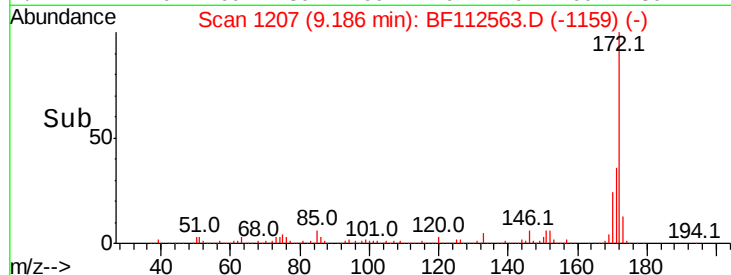
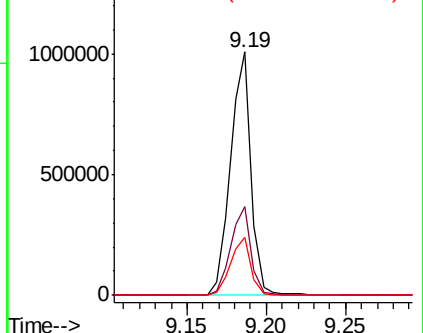
#45
 2-Fluorobiphenyl
 Concen: 56.856 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF112563.D
 Acq: 14 Feb 2019 13:10

Instrument :
 BNA_F
 ClientSampleId :
 SB-2

Tot Ion:172 Resp: 905500
 Ion Ratio Lower Upper
 172 100
 171 36.3 30.5 45.7
 170 23.7 20.2 30.4

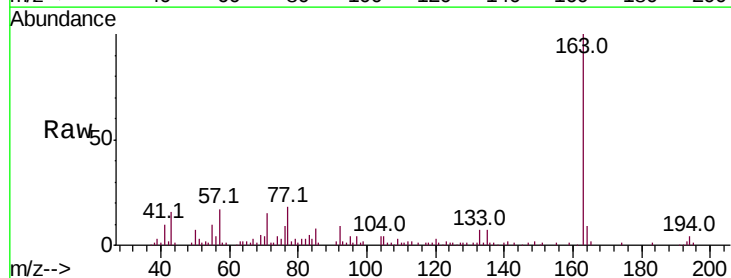


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

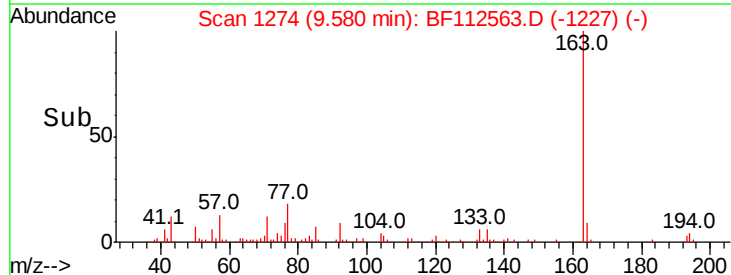
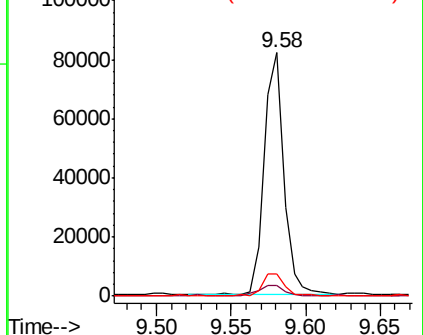


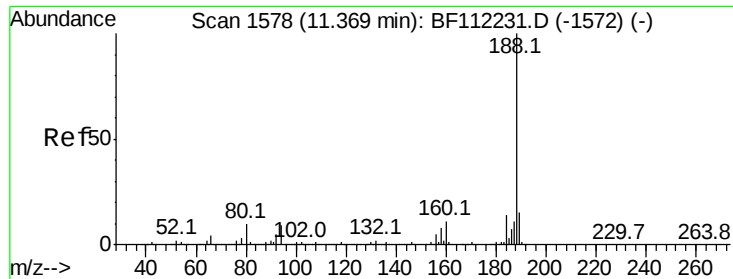
#50
 Dimethylphthalate
 Concen: 4.264 ng
 RT: 9.58 min Scan# 1274
 Delta R.T. -0.02 min
 Lab File: BF112563.D
 Acq: 14 Feb 2019 13:10

Tgt Ion:163 Resp: 74632
 Ion Ratio Lower Upper
 163 100
 194 4.3 3.3 4.9
 164 9.2 8.5 12.7



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

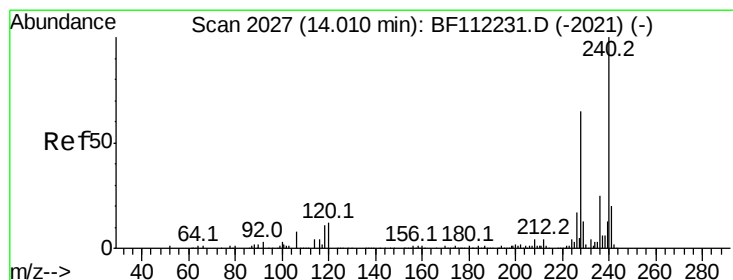
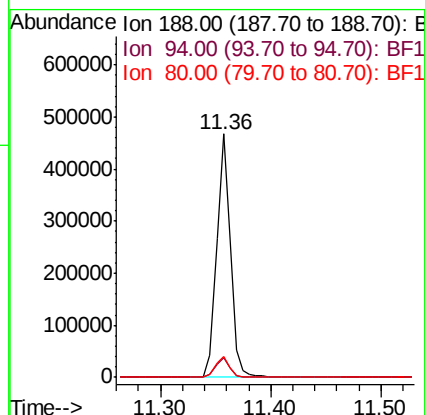
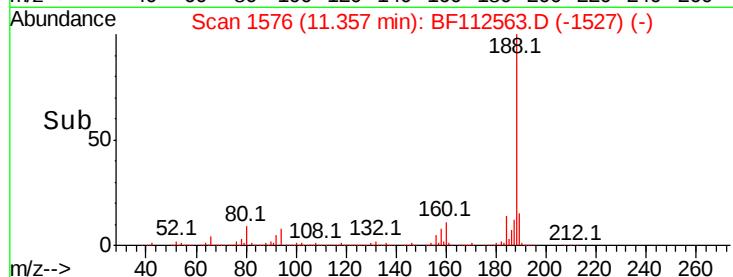
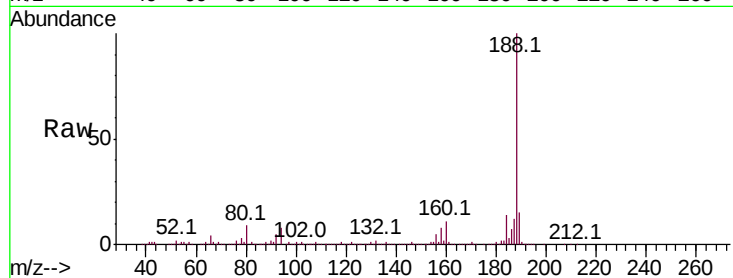




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112563.D
Acq: 14 Feb 2019 13:10

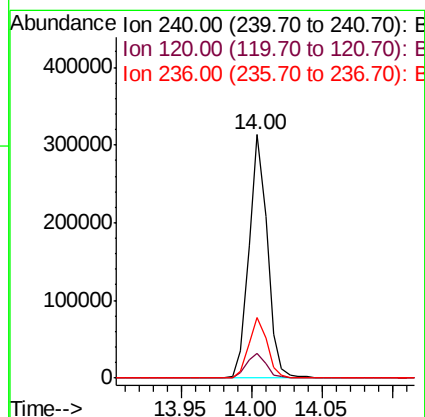
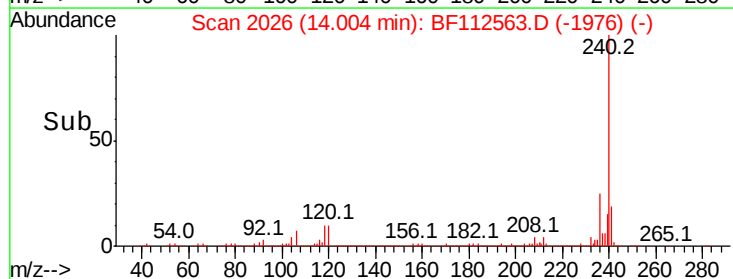
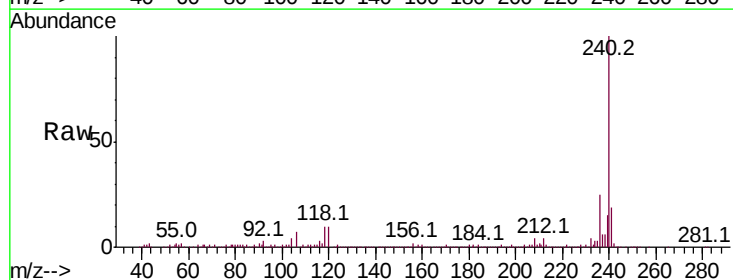
Instrument :
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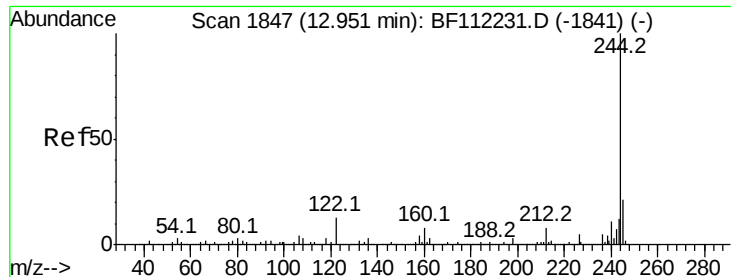
Tot Ion:188 Resp: 397244
Ion Ratio Lower Upper
188 100
94 8.3 8.2 12.2
80 8.6 8.9 13.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF112563.D
Acq: 14 Feb 2019 13:10

Tgt Ion:240 Resp: 284968
Ion Ratio Lower Upper
240 100
120 10.2 9.0 13.6
236 25.0 20.7 31.1





#79

Terphenyl-d14

Concen: 50.051 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF112563.D

Acq: 14 Feb 2019 13:10

Instrument :

BNA_F

ClientSampled :

SB-2

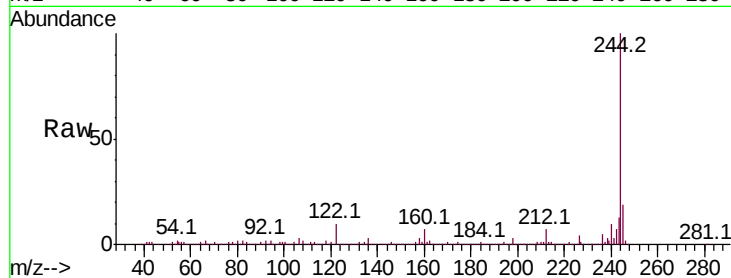
Tot Ion:244 Resp: 757272

Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

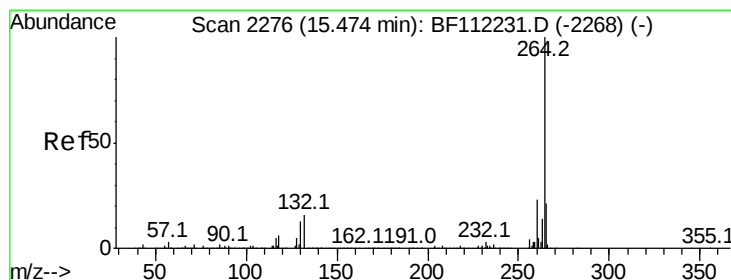
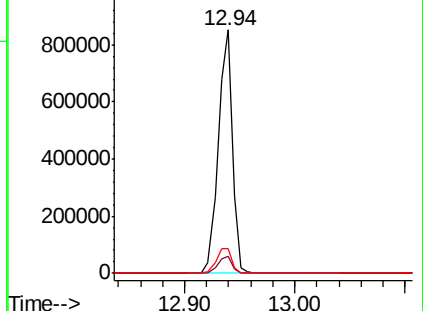
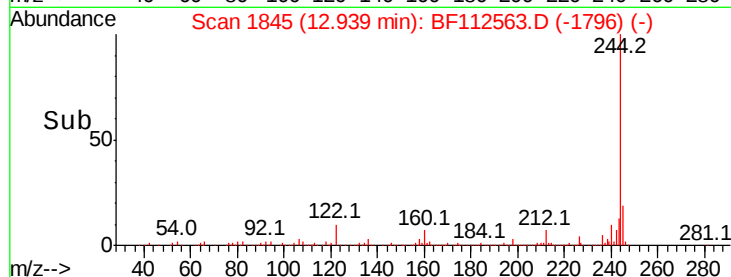
122 10.2 9.8 14.6



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: 15.48 min Scan# 2277

Delta R.T. 0.01 min

Lab File: BF112563.D

Acq: 14 Feb 2019 13:10

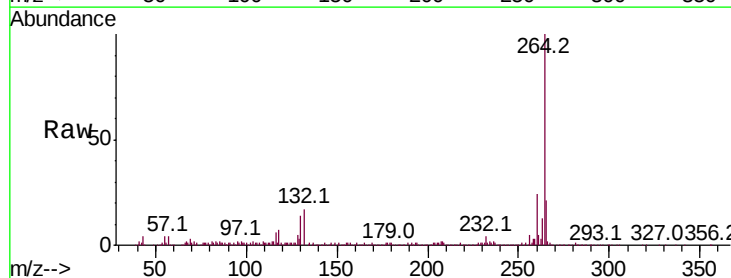
Tgt Ion:264 Resp: 285182

Ion Ratio Lower Upper

264 100

260 23.6 18.2 27.2

265 21.4 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

