

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122718\
 Data File : BF111761.D
 Acq On : 27 Dec 2018 14:43
 Operator : JU/SJ
 Sample : J6446-16
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS022-1218-01

Quant Time: Dec 28 06:17:32 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

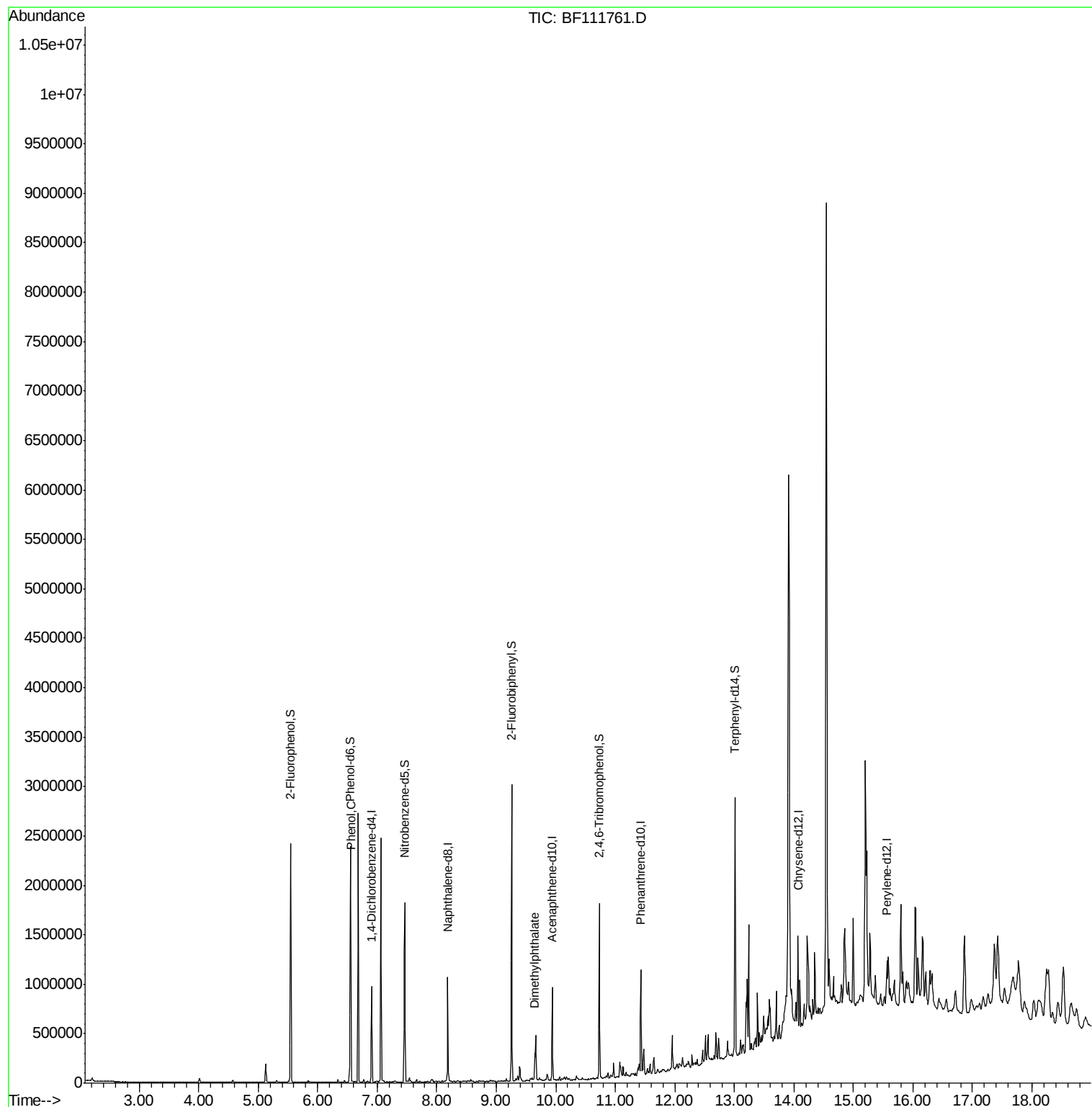
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	124065	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	420105	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	188491	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	337787	20.00	ng	0.01
76) Chrysene-d12	14.07	240	299537	20.00	ng	0.02
87) Perylene-d12	15.56	264	216132	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	645625	88.70	ng	0.03
7) Phenol-d6	6.55	99	793105	85.62	ng	0.03
23) Nitrobenzene-d5	7.46	82	506941	70.24	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	206510	92.72	ng	0.01
45) 2-Fluorobiphenyl	9.26	172	891919	68.97	ng	0.00
79) Terphenyl-d14	13.01	244	887847	56.21	ng	0.01
Target Compounds						
10) Phenol	6.56	94	44487	4.256	ng	95
50) Dimethylphthalate	9.65	163	101652	7.375	ng	100

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

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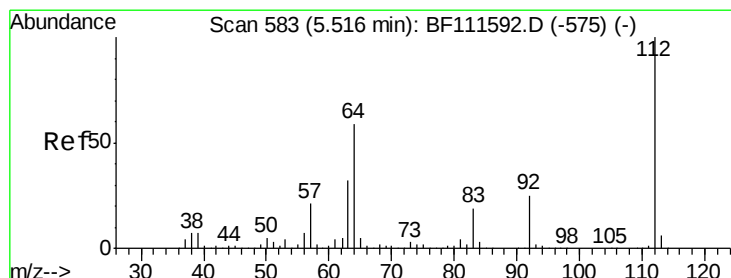
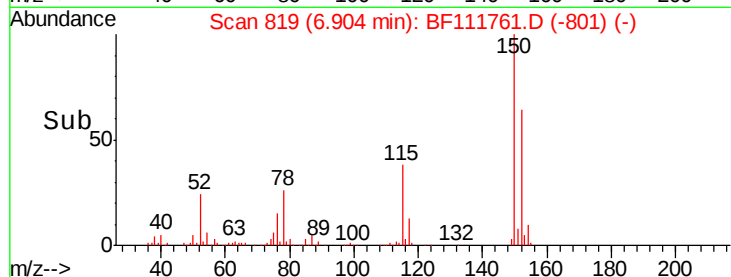
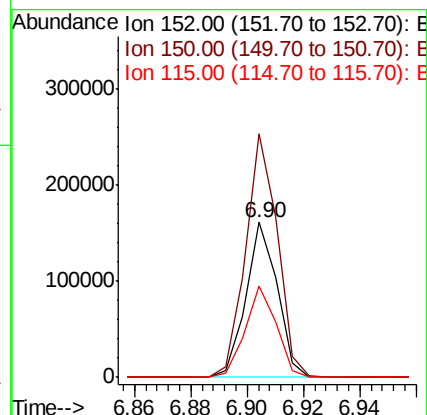
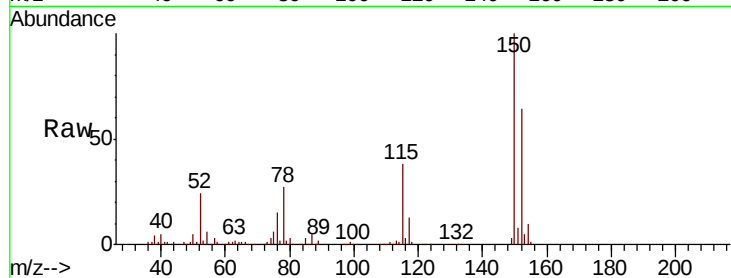


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111761.D
Acq: 27 Dec 2018 14:43

Instrument :
BNA_F
ClientSampleId :
P001-SS022-1218-01

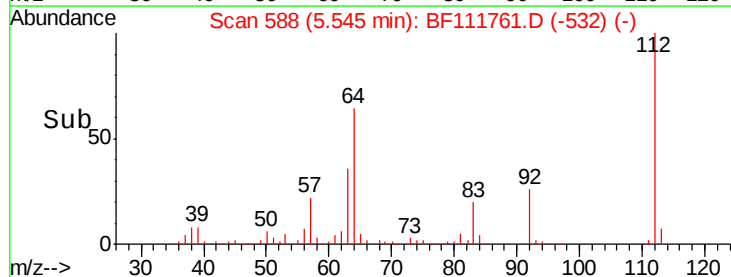
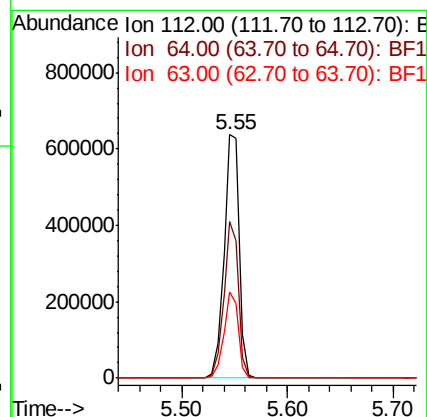
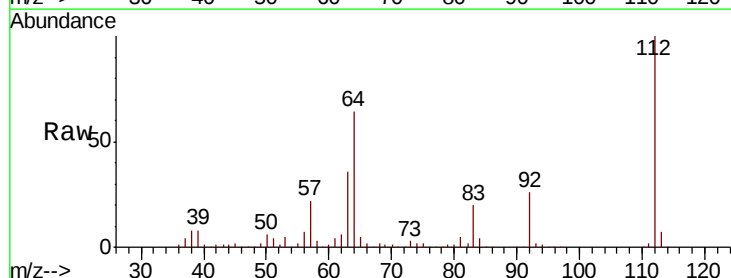
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	126.6	189.8
115	59.2	50.7	76.1

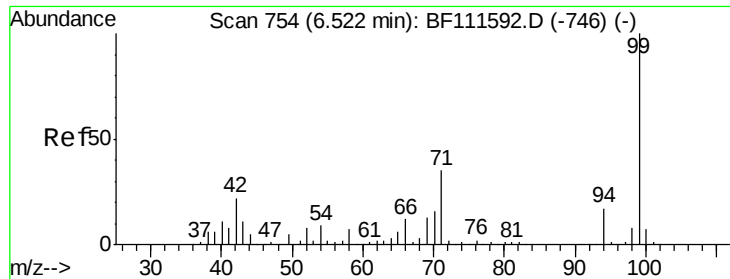


#5

2-Fluorophenol
Concen: 88.703 ng
RT: 5.55 min Scan# 588
Delta R.T. 0.03 min
Lab File: BF111761.D
Acq: 27 Dec 2018 14:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.2	51.8	77.6
63	35.6	26.8	40.2





#7

Phenol-d6

Concen: 85.621 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.03 min

Lab File: BF111761.D

Acq: 27 Dec 2018 14:43

Instrument :

BNA_F

ClientSampleId :

P001-SS022-1218-01

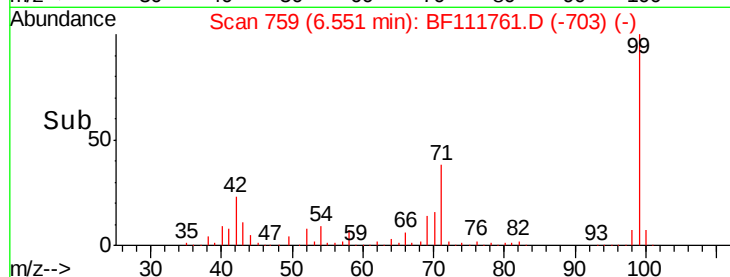
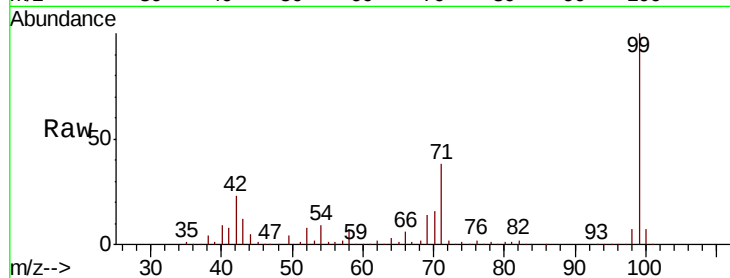
Tot Ion: 99 Resp: 793105

Ion Ratio Lower Upper

99 100

42 22.9 17.4 26.0

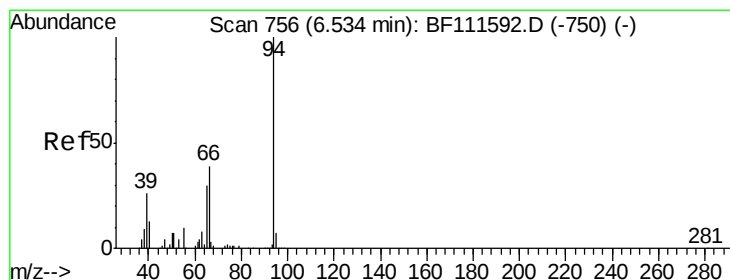
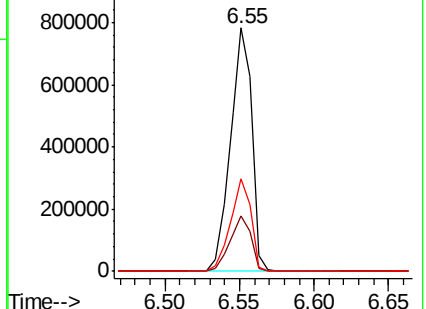
71 37.8 26.1 39.1



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



#10

Phenol

Concen: 4.256 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.03 min

Lab File: BF111761.D

Acq: 27 Dec 2018 14:43

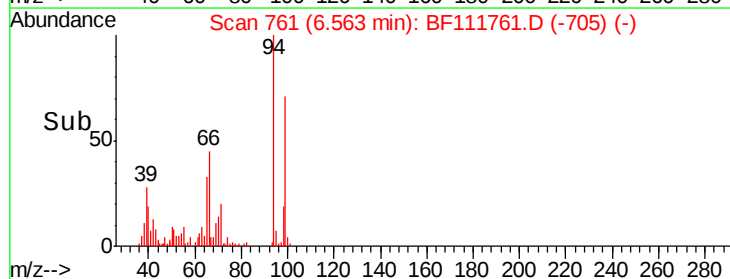
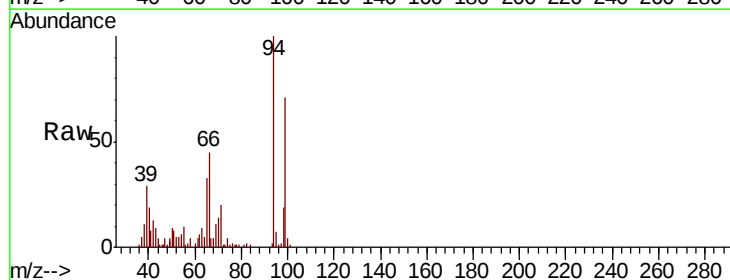
Tgt Ion: 94 Resp: 44487

Ion Ratio Lower Upper

94 100

65 33.3 11.7 51.7

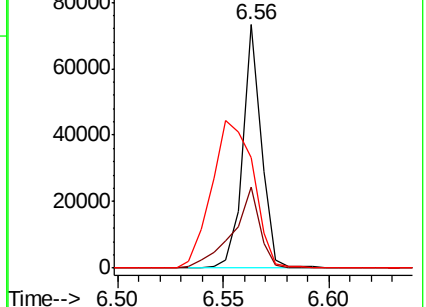
66 45.2 21.0 61.0

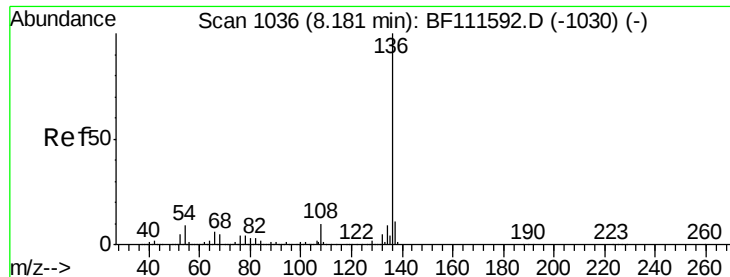


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

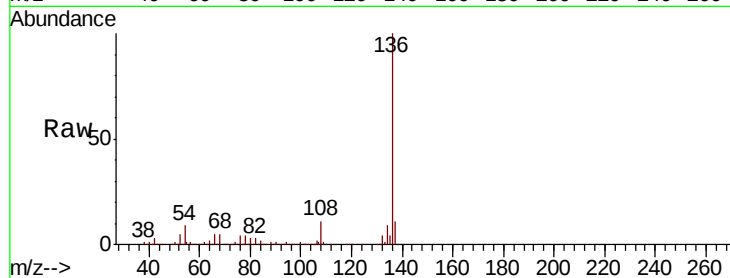




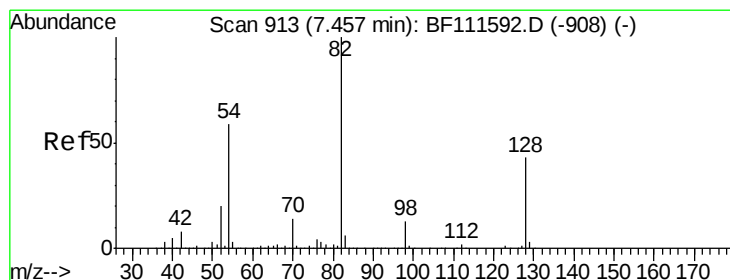
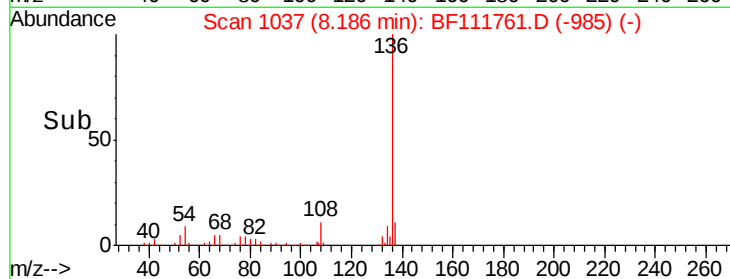
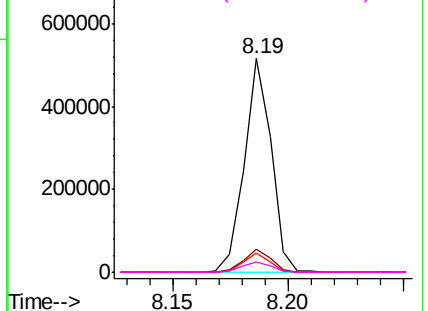
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF111761.D
Acq: 27 Dec 2018 14:43

Instrument :
BNA_F
ClientSampleId :
P001-SS022-1218-01

Tot Ion:136	Resp:	420105
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.1 13.7
54	8.8	7.7 11.5
68	5.0	4.9 7.3

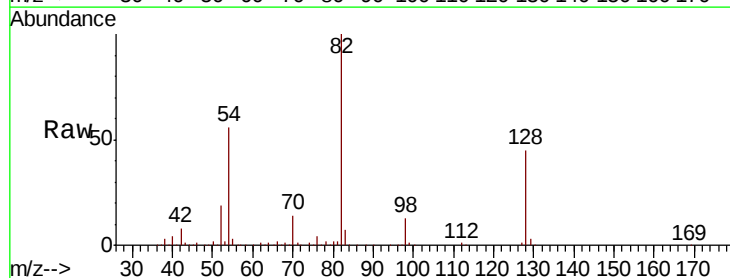


Abundance Ion 136.00 (135.70 to 136.70): E
800000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

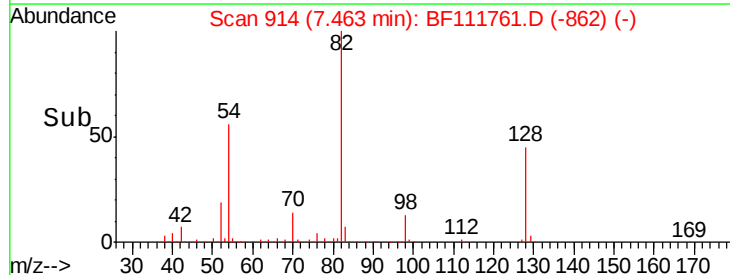
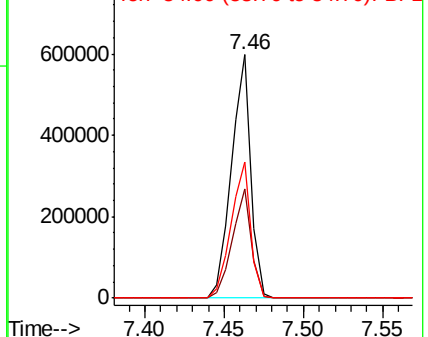


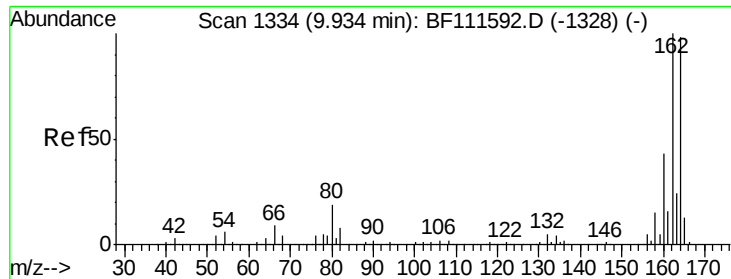
#23
Nitrobenzene-d5
Concen: 70.239 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.01 min
Lab File: BF111761.D
Acq: 27 Dec 2018 14:43

Tgt Ion: 82	Resp:	506941
Ion Ratio	Lower	Upper
82	100	
128	44.9	37.4 56.2
54	56.0	47.6 71.4



Abundance Ion 82.00 (81.70 to 82.70): BF1
800000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF111761.D

Acq: 27 Dec 2018 14:43

Instrument :

BNA_F

ClientSampleId :

P001-SS022-1218-01

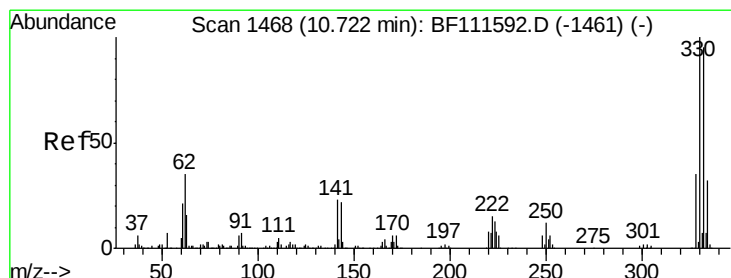
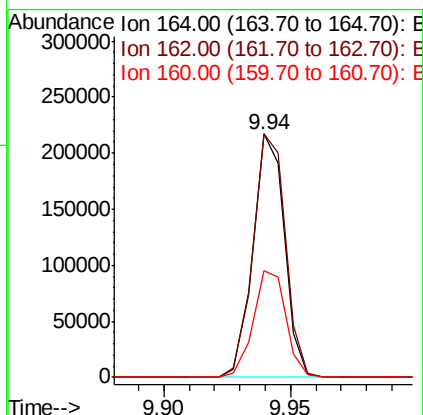
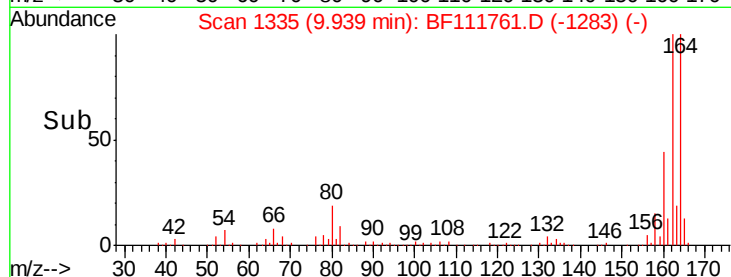
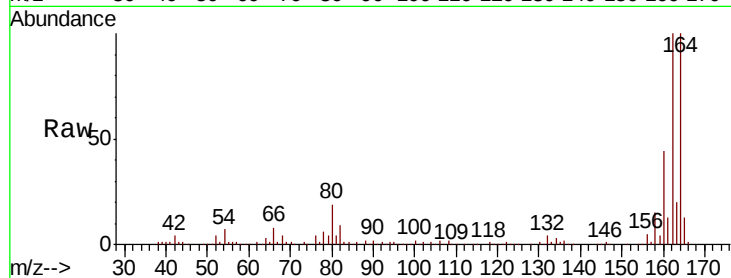
Tot Ion:164 Resp: 188491

Ion Ratio Lower Upper

164 100

162 99.8 81.4 122.0

160 43.8 35.7 53.5



#42

2,4,6-Tribromophenol

Concen: 92.723 ng

RT: 10.73 min Scan# 1470

Delta R.T. 0.01 min

Lab File: BF111761.D

Acq: 27 Dec 2018 14:43

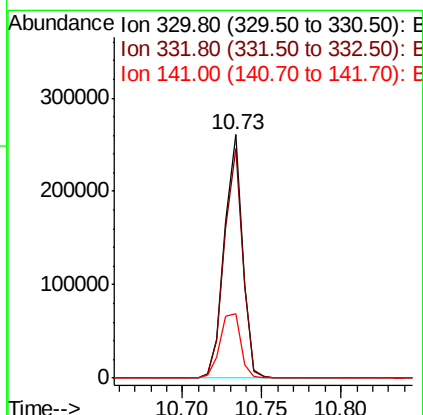
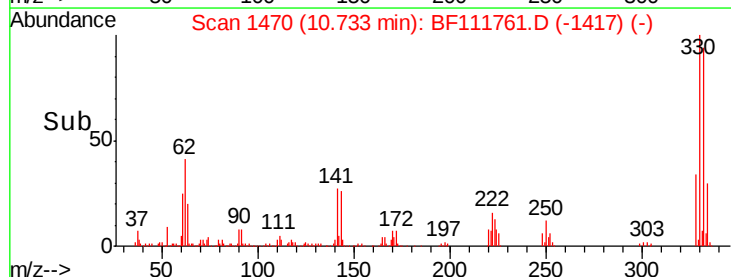
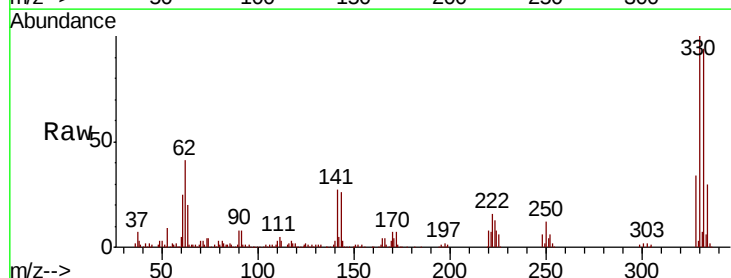
Tgt Ion:330 Resp: 206510

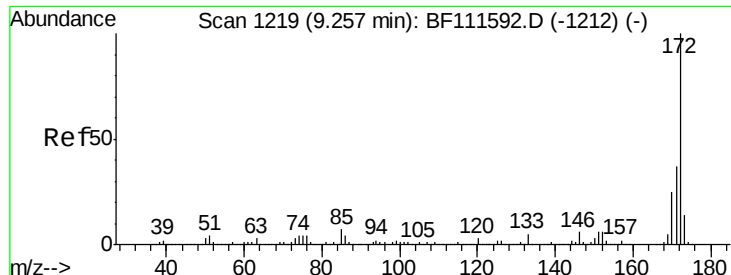
Ion Ratio Lower Upper

330 100

332 95.9 76.0 114.0

141 30.6 31.0 46.6#

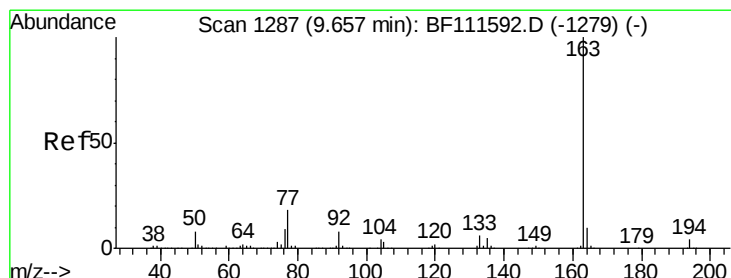
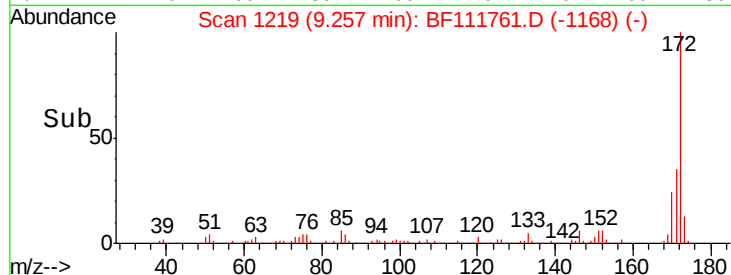
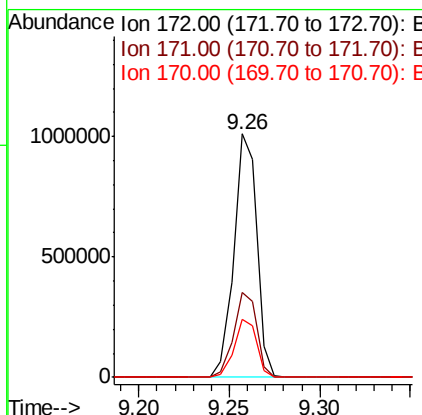
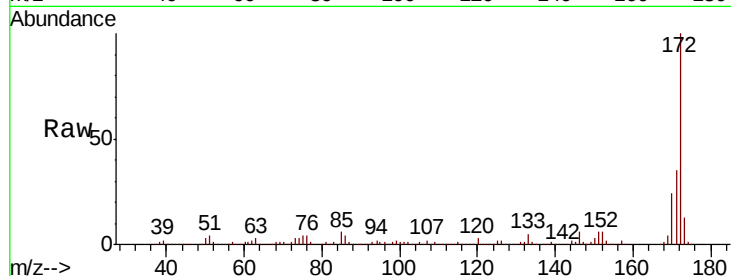




#45
2-Fluorobiphenyl
Concen: 68.971 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF111761.D
Acq: 27 Dec 2018 14:43

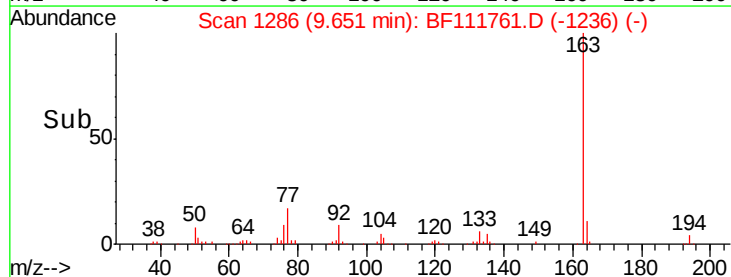
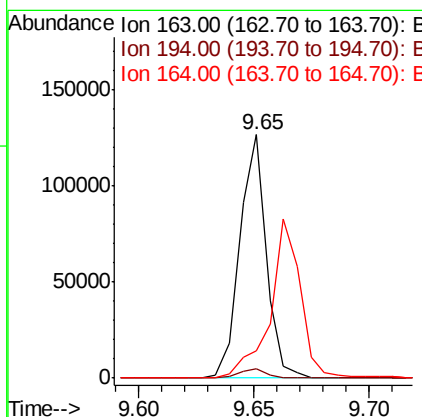
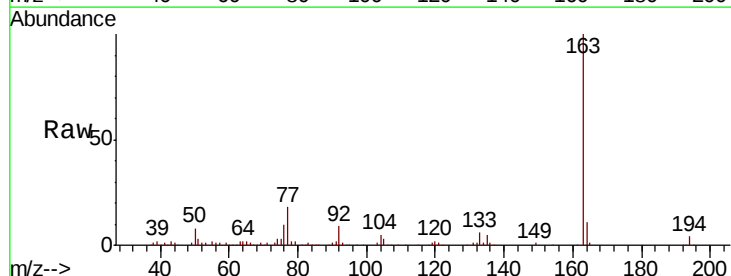
Instrument :
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P001-SS022-1218-01

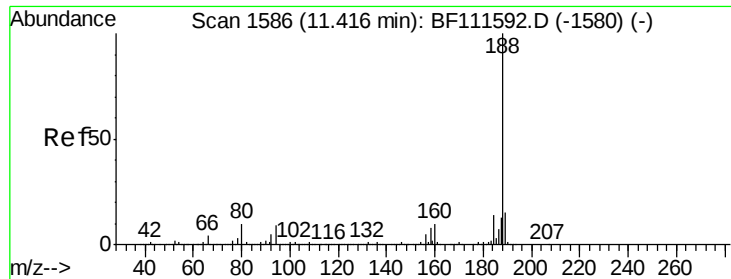
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	33.0	49.4
170	24.0	22.3	33.5



#50
Dimethylphthalate
Concen: 7.375 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BF111761.D
Acq: 27 Dec 2018 14:43

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.6
164	11.1	8.9	13.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.43 min Scan# 1588

Delta R.T. 0.01 min

Lab File: BF111761.D

Acq: 27 Dec 2018 14:43

Instrument :

BNA_F

ClientSampleId :

P001-SS022-1218-01

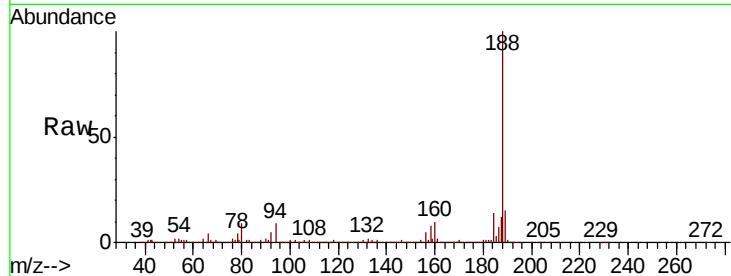
Tot Ion:188 Resp: 337787

Ion Ratio Lower Upper

188 100

94 8.5 9.6 14.4#

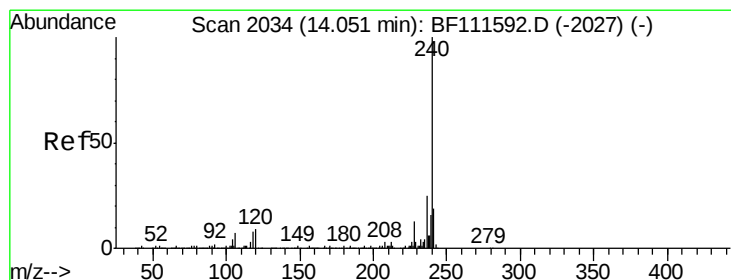
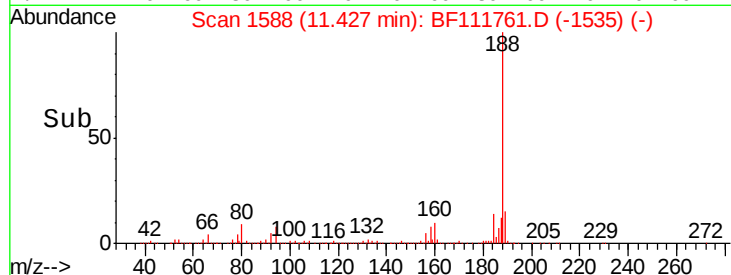
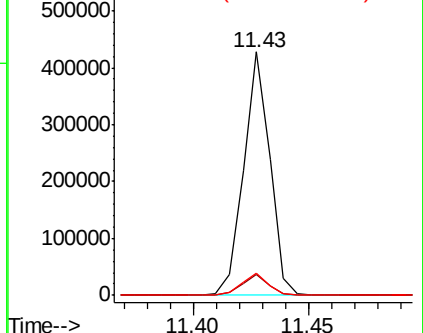
80 9.0 9.8 14.6#



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: 14.07 min Scan# 2037

Delta R.T. 0.02 min

Lab File: BF111761.D

Acq: 27 Dec 2018 14:43

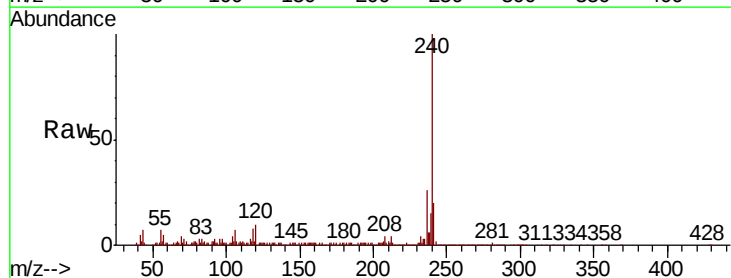
Tgt Ion:240 Resp: 299537

Ion Ratio Lower Upper

240 100

120 10.2 12.2 18.2#

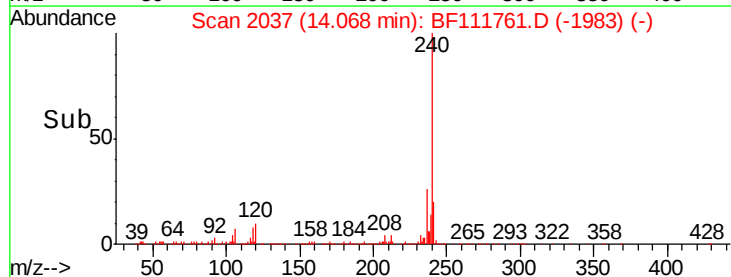
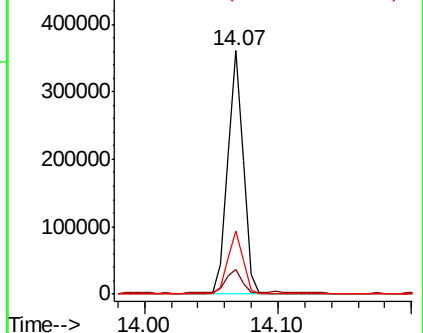
236 25.8 20.2 30.2

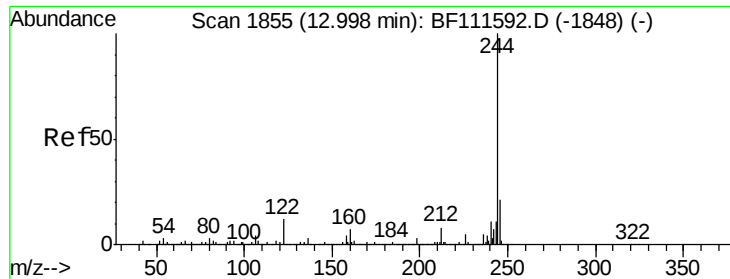


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 56.211 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.01 min

Lab File: BF111761.D

Acq: 27 Dec 2018 14:43

Instrument :

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P001-SS022-1218-01

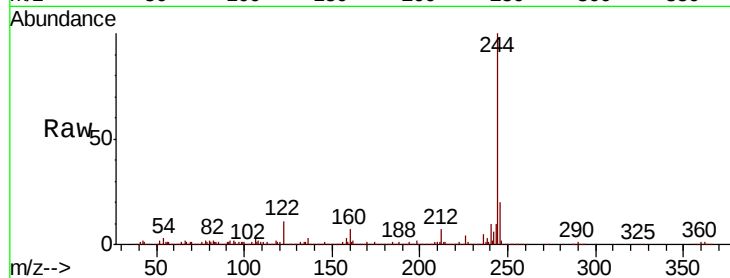
Tot Ion:244 Resp: 887847

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

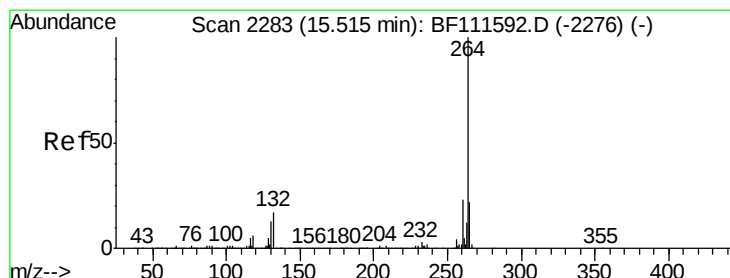
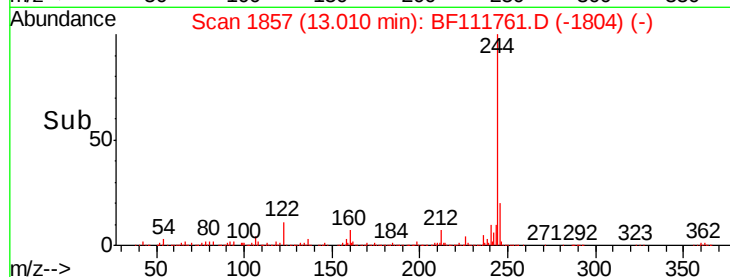
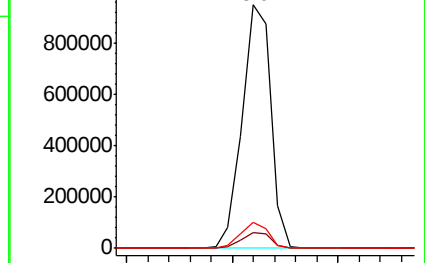
122 10.9 13.1 19.7#



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: 15.56 min Scan# 2291

Delta R.T. 0.05 min

Lab File: BF111761.D

Acq: 27 Dec 2018 14:43

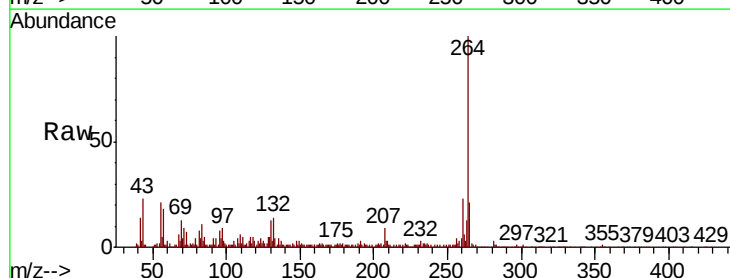
Tgt Ion:264 Resp: 216132

Ion Ratio Lower Upper

264 100

260 22.9 18.3 27.5

265 20.9 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

