

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020818\
 Data File : BF102863.D
 Acq On : 8 Feb 2018 18:28
 Operator : SJ/JU
 Sample : J1470-11
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 3N-10

Quant Time: Feb 09 00:34:31 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

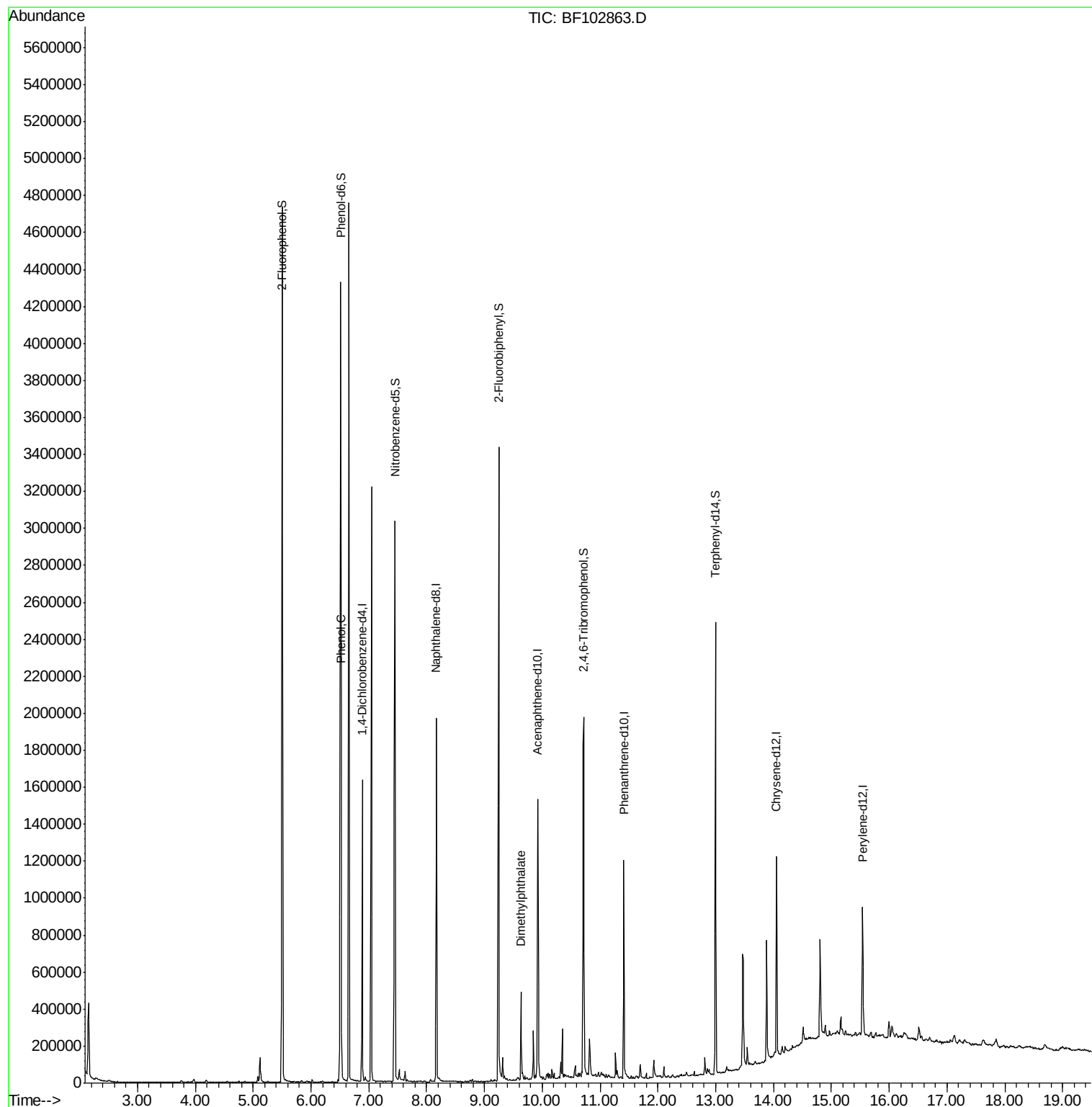
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	199519	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	804554	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	314135	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	432441	20.00	ng	0.00
75) Chrysene-d12	14.06	240	371367	20.00	ng	0.00
86) Perylene-d12	15.54	264	313268	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1299558	98.92	ng	0.01
7) Phenol-d6	6.52	99	1571672	99.35	ng	0.01
23) Nitrobenzene-d5	7.45	82	1002458	86.43	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	211029	83.46	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	1156628	61.10	ng	0.00
78) Terphenyl-d14	13.00	244	748827	47.74	ng	0.00
Target Compounds						
10) Phenol	6.53	94	34887	2.058	ng	97
49) Dimethylphthalate	9.63	163	161635	6.599	ng	99

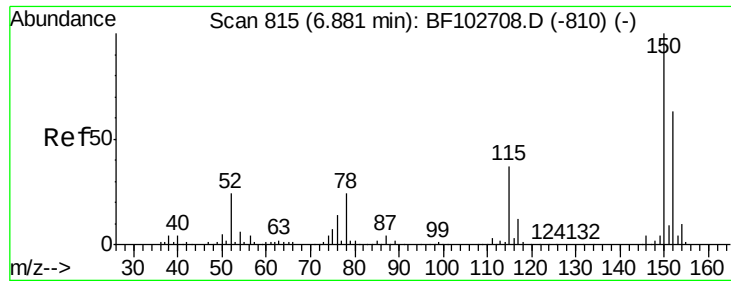
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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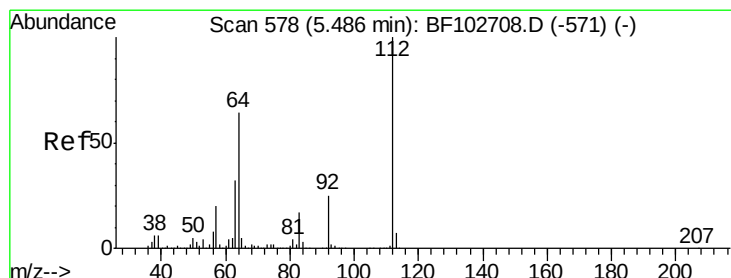
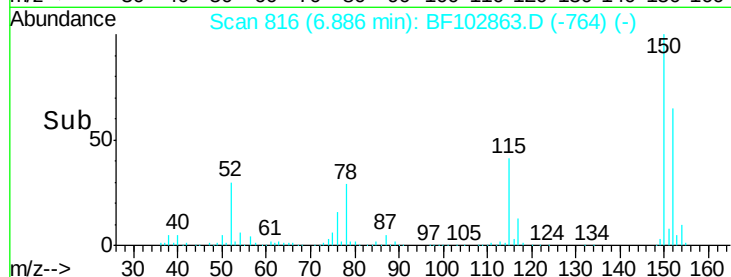
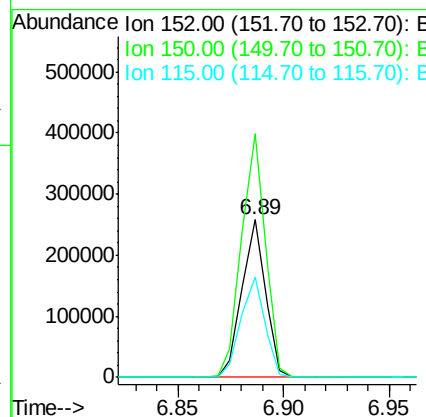
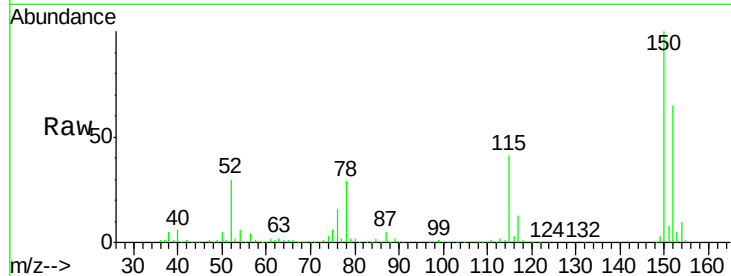


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF102863.D
Acq: 8 Feb 2018 18:28

Instrument :
BNA_F
ClientSampleId :
3N-10

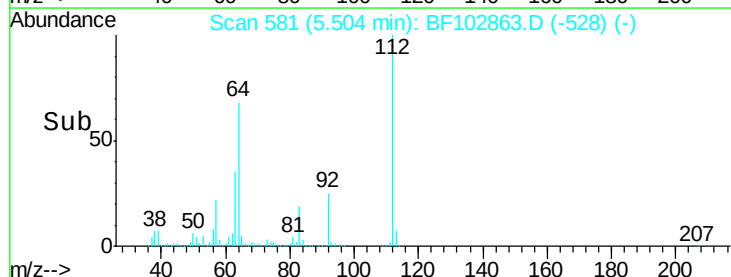
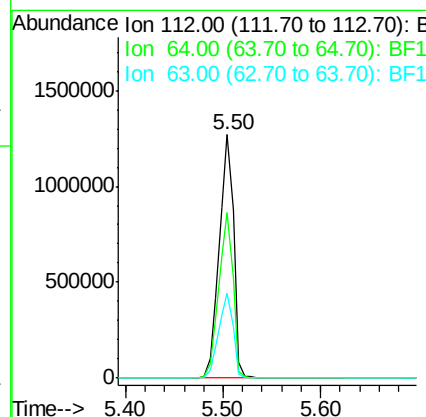
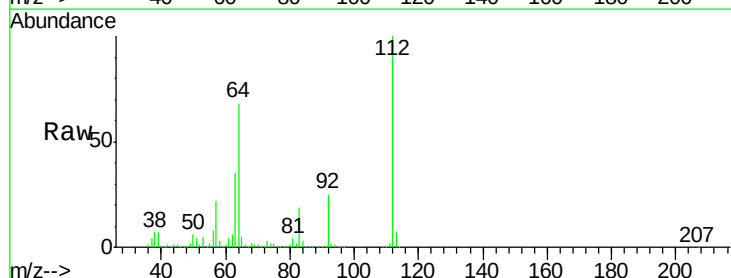
Tgt Ion:152 Resp: 199519
Ion Ratio Lower Upper
152 100
150 154.7 124.6 186.8
115 63.9 50.1 75.1

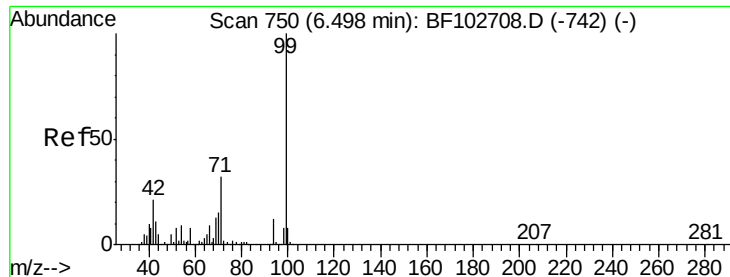


#5

2-Fluorophenol
Concen: 98.918 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF102863.D
Acq: 8 Feb 2018 18:28

Tgt Ion:112 Resp: 1299558
Ion Ratio Lower Upper
112 100
64 67.9 47.9 71.9
63 35.1 23.7 35.5





#7

Phenol-d6

Concen: 99.355 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF102863.D

Acq: 8 Feb 2018 18:28

Instrument :

BNA_F

ClientSampleId :

3N-10

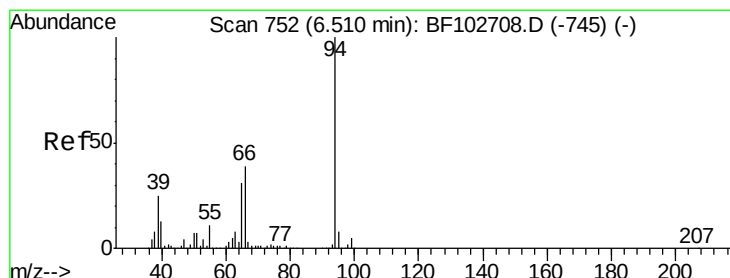
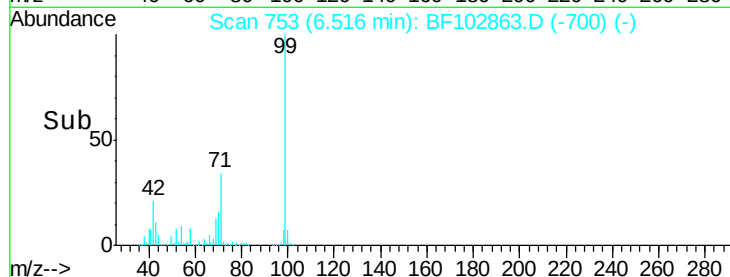
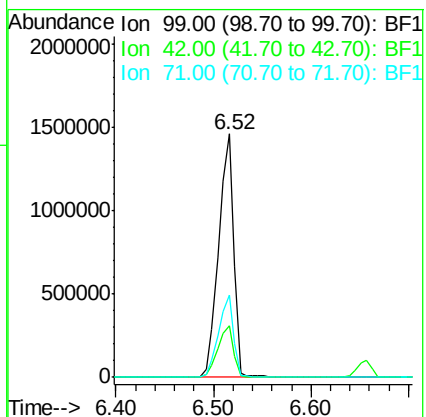
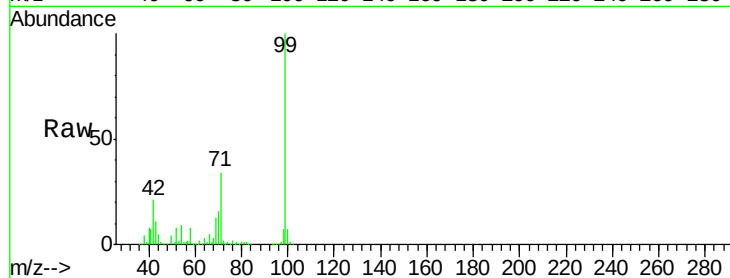
Tgt Ion: 99 Resp: 1571672

Ion Ratio Lower Upper

99 100

42 21.3 14.5 21.7

71 33.7 25.4 38.0



#10

Phenol

Concen: 2.058 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF102863.D

Acq: 8 Feb 2018 18:28

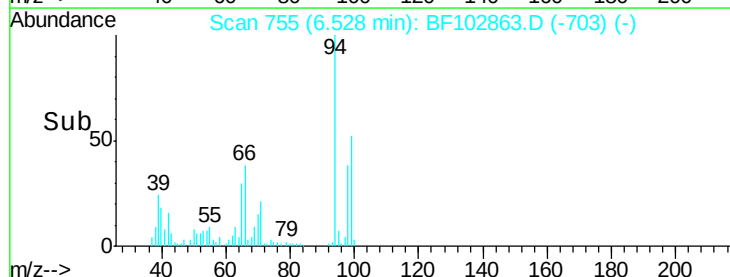
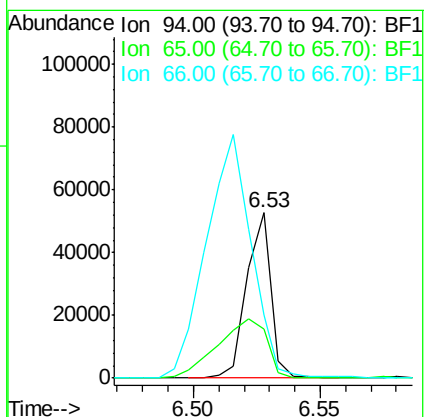
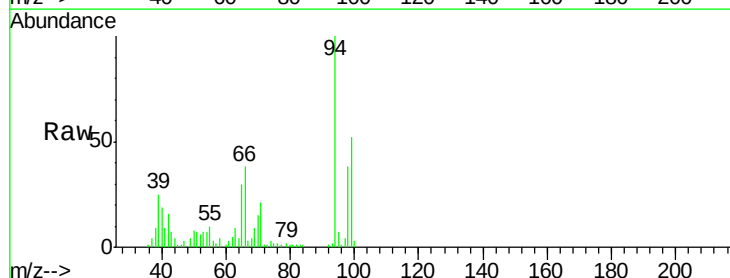
Tgt Ion: 94 Resp: 34887

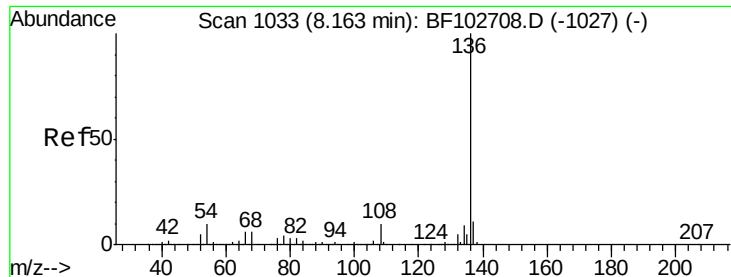
Ion Ratio Lower Upper

94 100

65 29.7 7.9 47.9

66 38.0 16.2 56.2

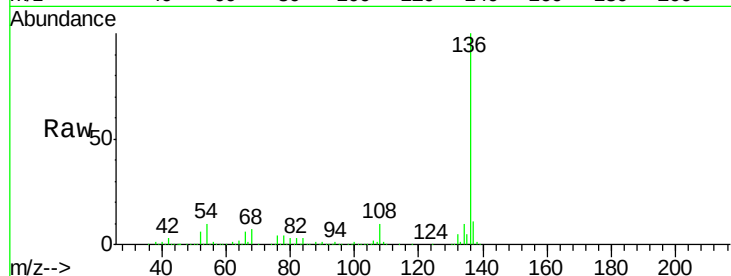




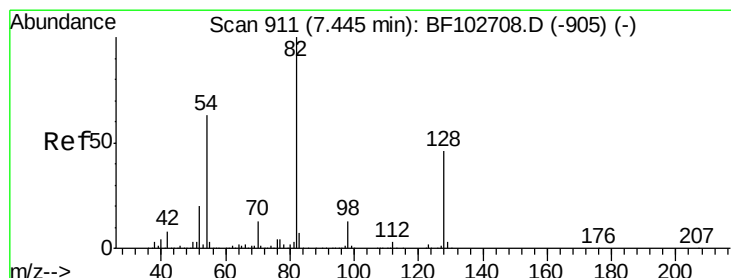
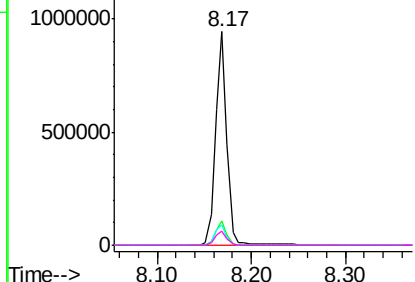
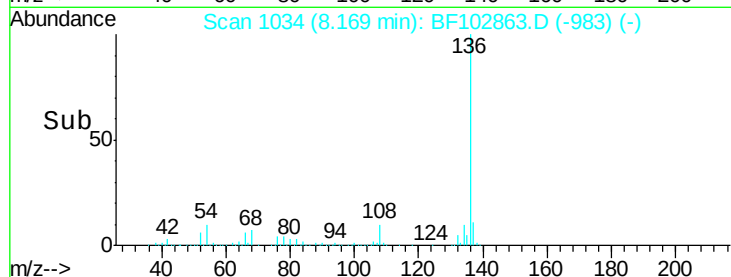
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF102863.D
Acq: 8 Feb 2018 18:28

Instrument :
BNA_F
ClientSampleId :
3N-10

Tgt Ion:	136	Resp:	804554
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	9.9	6.6	9.8#
68	6.6	5.0	7.4

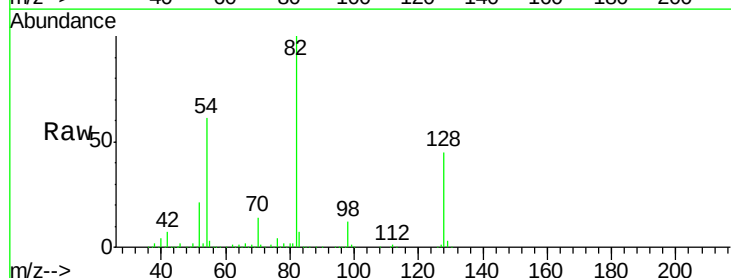


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

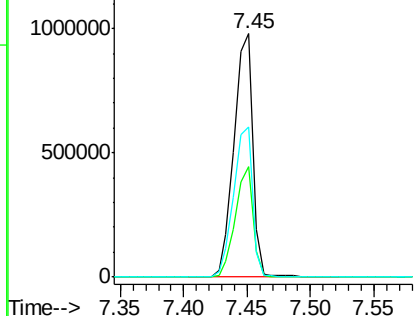
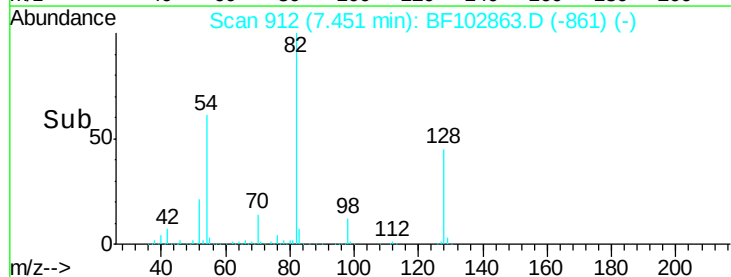


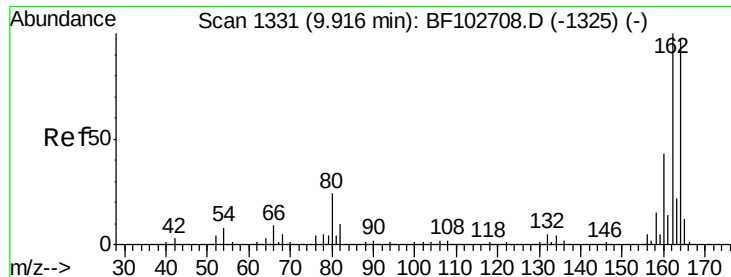
#23
Nitrobenzene-d5
Concen: 86.434 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.00 min
Lab File: BF102863.D
Acq: 8 Feb 2018 18:28

Tgt Ion:	82	Resp:	1002458
Ion	Ratio	Lower	Upper
82	100		
128	45.3	36.1	54.1
54	61.5	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

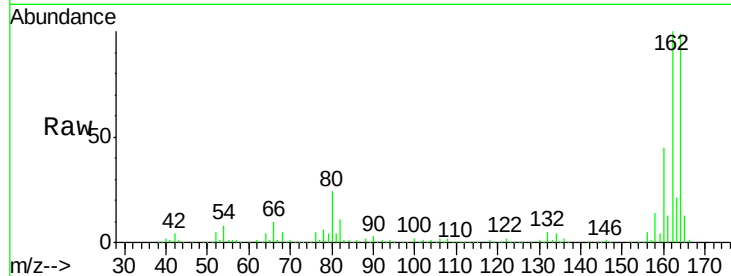




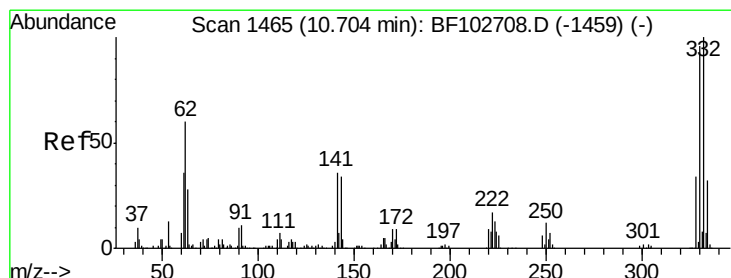
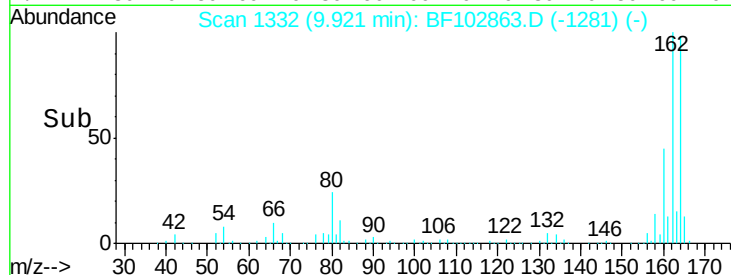
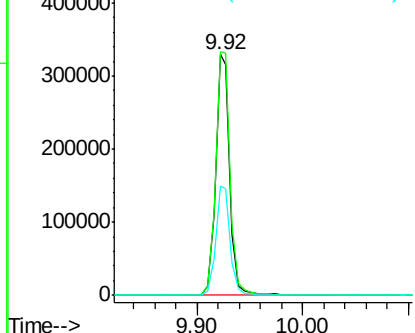
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.00 min
 Lab File: BF102863.D
 Acq: 8 Feb 2018 18:28

Instrument :
 BNA_F
 ClientSampleId :
 3N-10

Tgt Ion:164 Resp: 314135
 Ion Ratio Lower Upper
 164 100
 162 101.1 86.1 129.1
 160 45.4 38.3 57.5

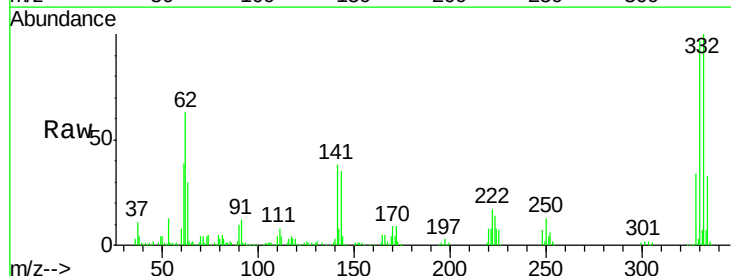


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

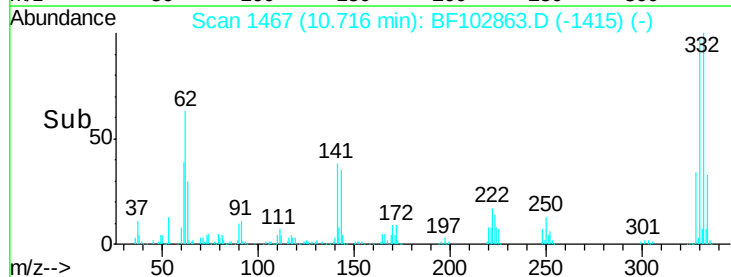
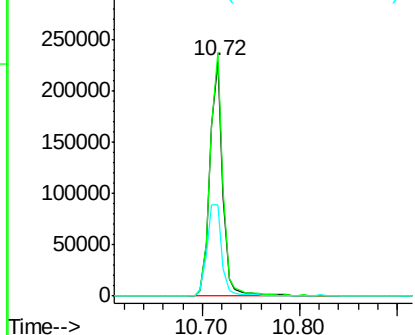


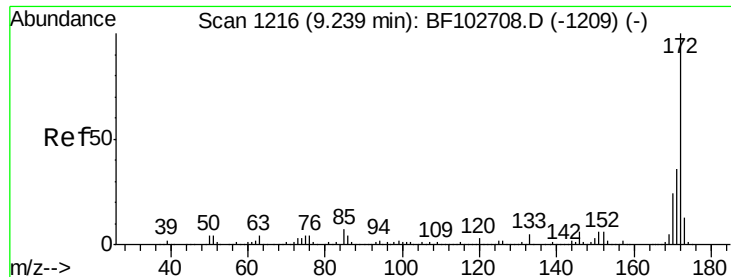
#41
 2,4,6-Tribromophenol
 Concen: 83.463 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.01 min
 Lab File: BF102863.D
 Acq: 8 Feb 2018 18:28

Tgt Ion:330 Resp: 211029
 Ion Ratio Lower Upper
 330 100
 332 101.8 77.0 115.6
 141 45.8 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

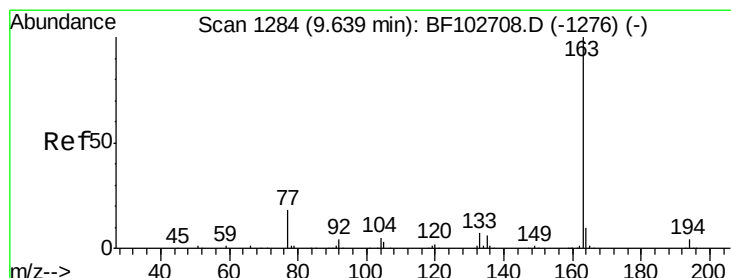
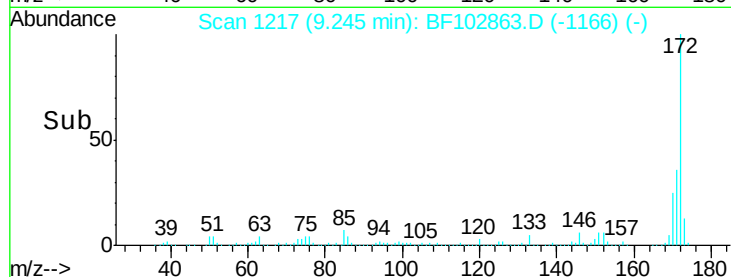
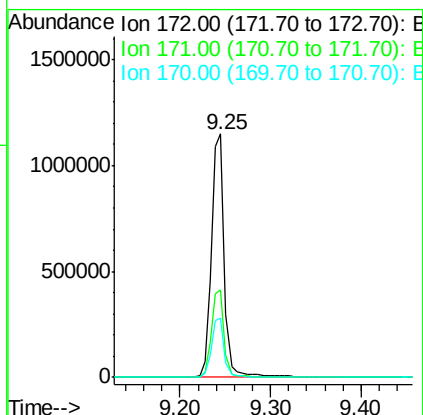
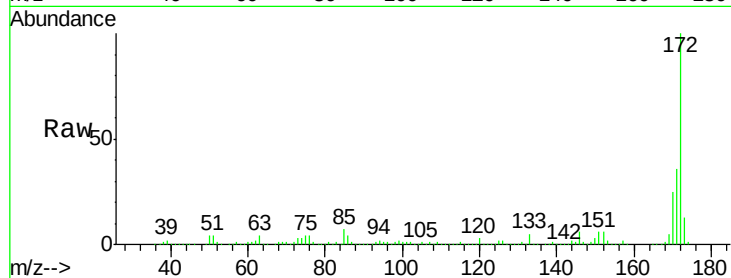




#44
2-Fluorobiphenyl
Concen: 61.097 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.00 min
Lab File: BF102863.D
Acq: 8 Feb 2018 18:28

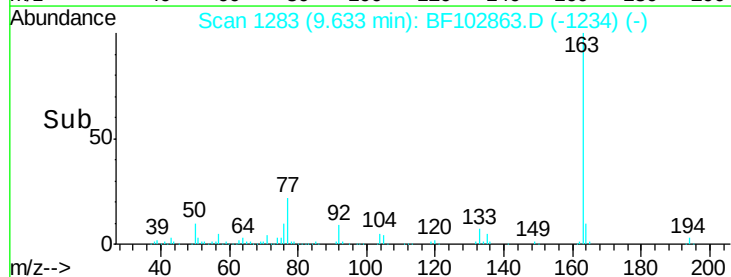
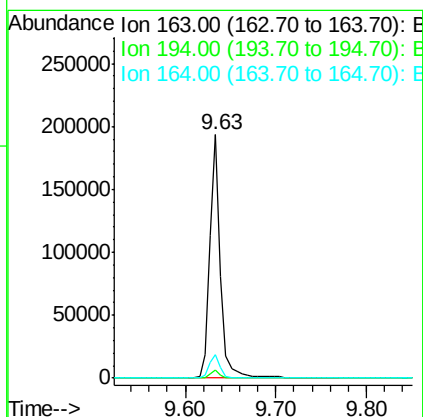
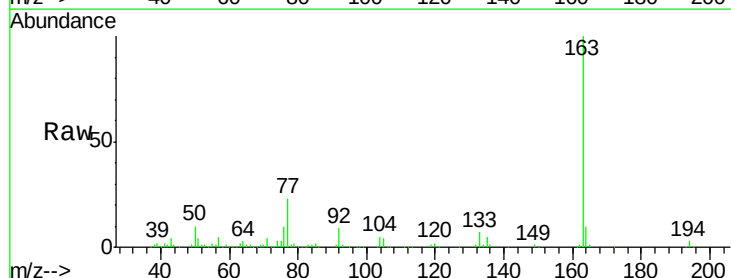
Instrument :
BNA_F
ClientSampleId :
3N-10

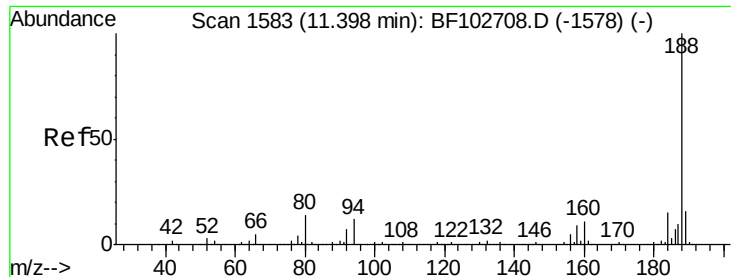
Tgt Ion:172 Resp: 1156628
Ion Ratio Lower Upper
172 100
171 35.8 29.7 44.5
170 24.6 19.6 29.4



#49
Dimethylphthalate
Concen: 6.599 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF102863.D
Acq: 8 Feb 2018 18:28

Tgt Ion:163 Resp: 161635
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 9.7 8.2 12.2

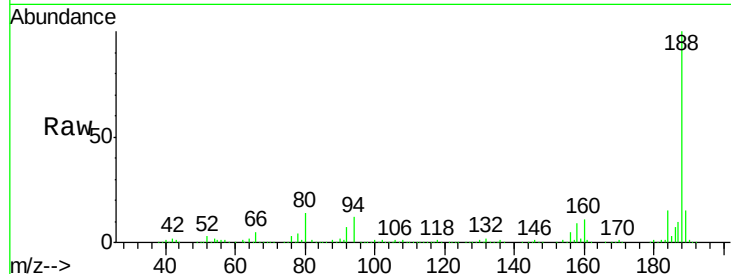




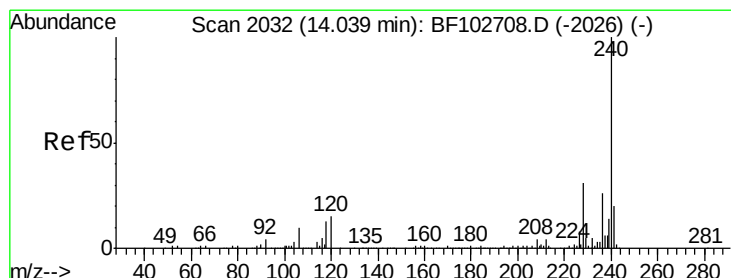
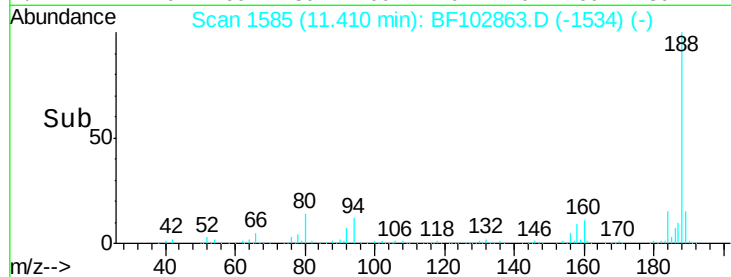
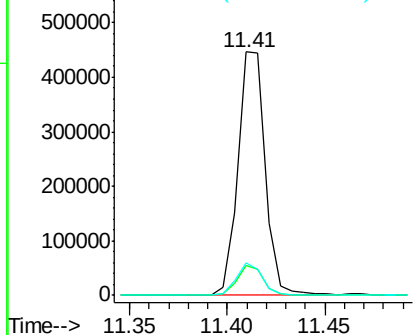
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF102863.D
Acq: 8 Feb 2018 18:28

Instrument :
BNA_F
ClientSampleId :
3N-10

Tgt Ion:188 Resp: 432441
Ion Ratio Lower Upper
188 100
94 12.3 8.5 12.7
80 13.5 9.2 13.8

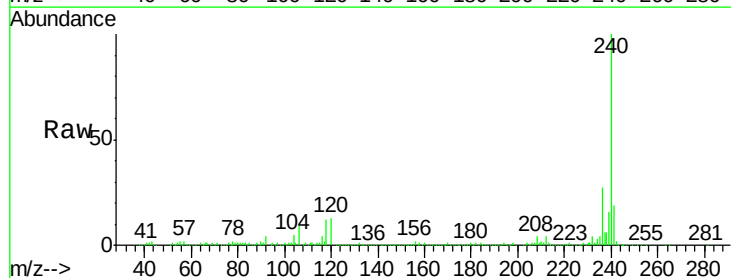


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

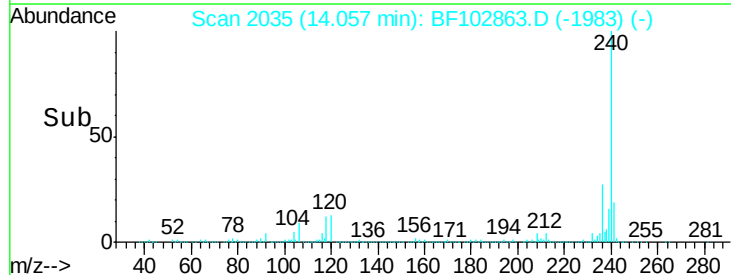
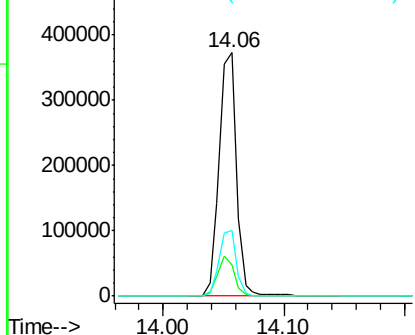


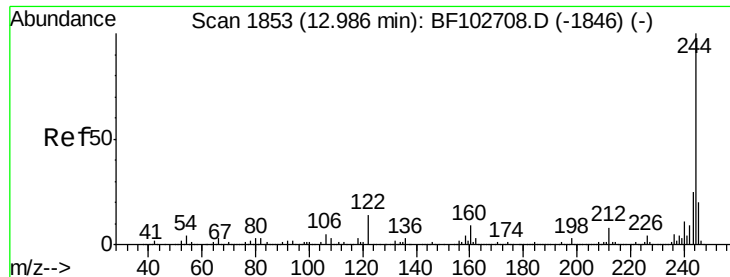
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.01 min
Lab File: BF102863.D
Acq: 8 Feb 2018 18:28

Tgt Ion:240 Resp: 371367
Ion Ratio Lower Upper
240 100
120 12.8 9.5 14.3
236 27.0 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: 47.744 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BF102863.D

Acq: 8 Feb 2018 18:28

Instrument :

BNA_F

ClientSampleId :

3N-10

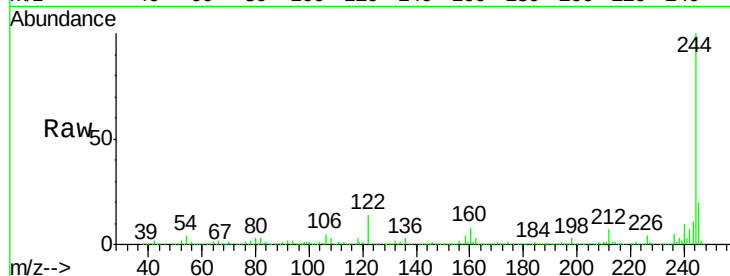
Tgt Ion:244 Resp: 748827

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

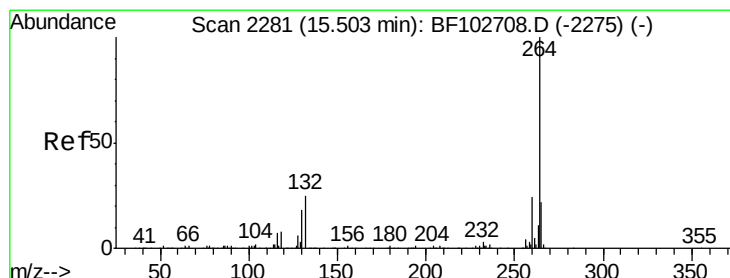
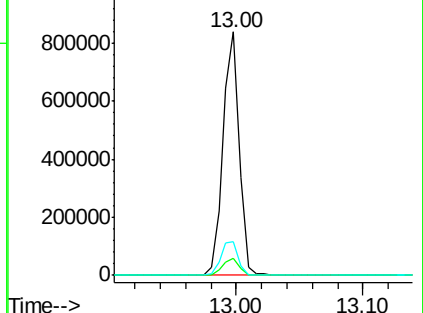
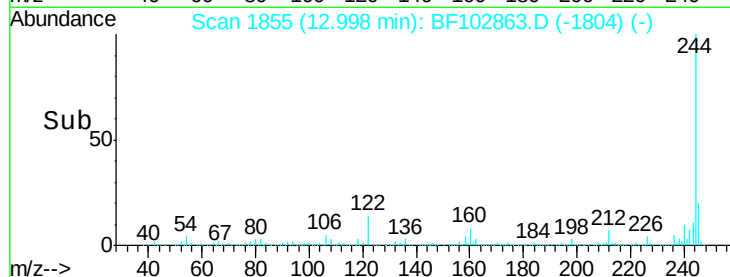
122 13.8 11.0 16.4



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: 15.54 min Scan# 2287

Delta R.T. 0.01 min

Lab File: BF102863.D

Acq: 8 Feb 2018 18:28

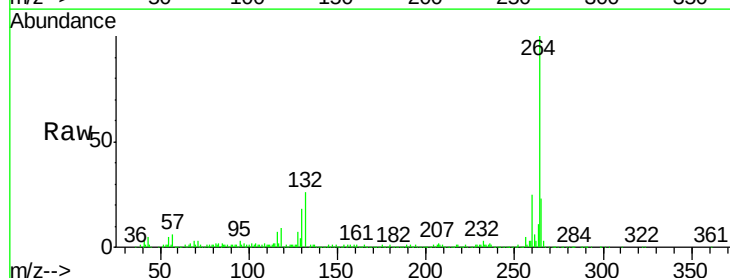
Tgt Ion:264 Resp: 313268

Ion Ratio Lower Upper

264 100

260 24.6 19.2 28.8

265 22.5 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

