

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
 Data File : BF104551.D
 Acq On : 16 Apr 2018 23:33
 Operator : JU/SJ
 Sample : J2386-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CO-1

Quant Time: Apr 17 02:07:46 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 16 12:15:25 2018
 Response via : Initial Calibration

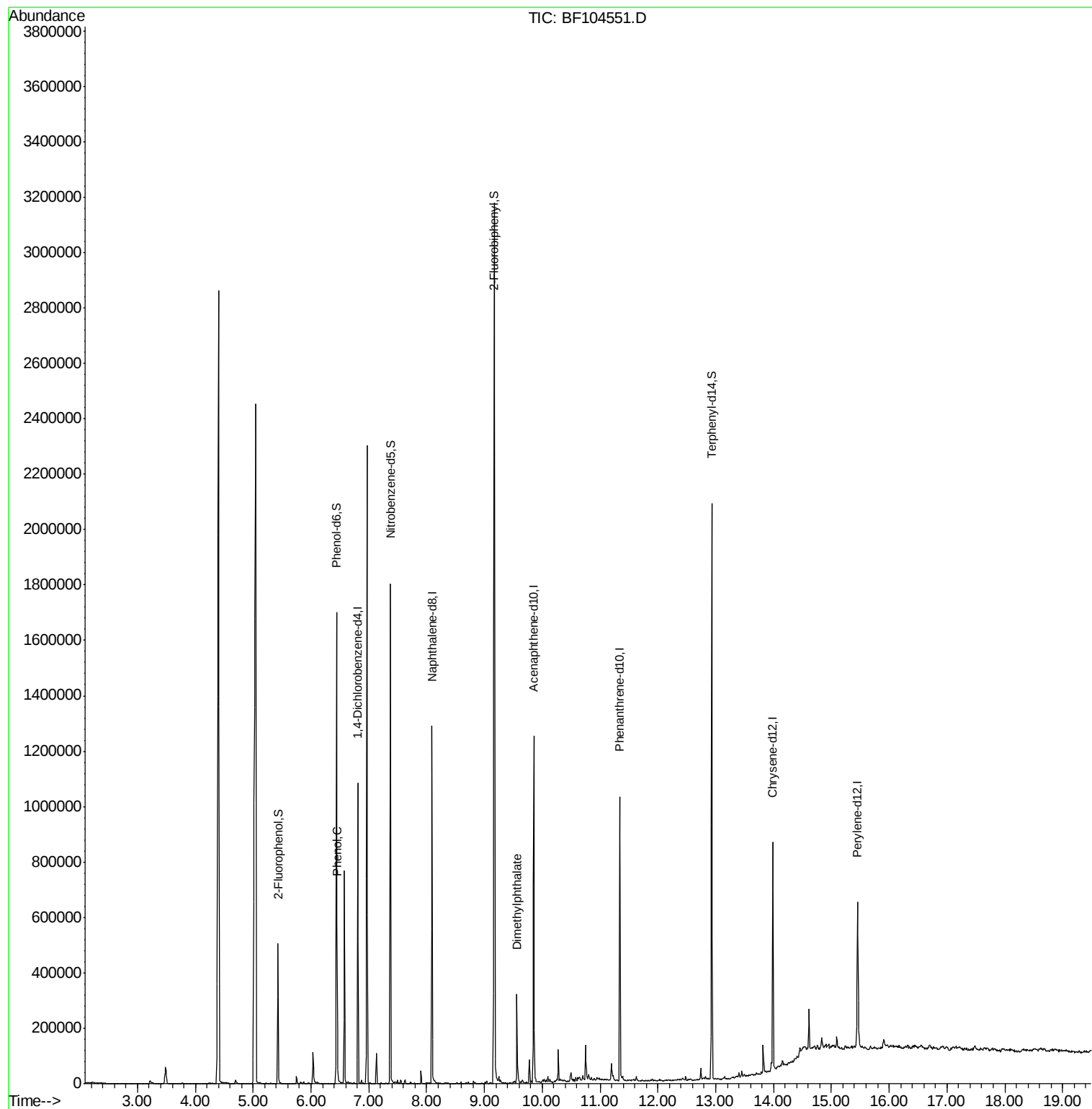
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	140010	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	561412	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	241045	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	366159	20.00	ng	0.00
75) Chrysene-d12	13.99	240	265893	20.00	ng	0.00
86) Perylene-d12	15.46	264	235660	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	136011	14.85	ng	0.00
7) Phenol-d6	6.45	99	552913	49.15	ng	0.00
23) Nitrobenzene-d5	7.37	82	558194	64.92	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	2101	0.84	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1017948	66.71	ng	0.00
78) Terphenyl-d14	12.93	244	724762	62.14	ng	0.00
Target Compounds						
10) Phenol	6.46	94	29678	2.486	ng	95
49) Dimethylphthalate	9.56	163	137996	7.260	ng	100

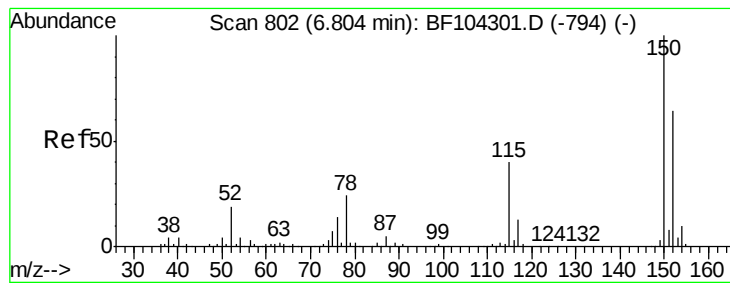
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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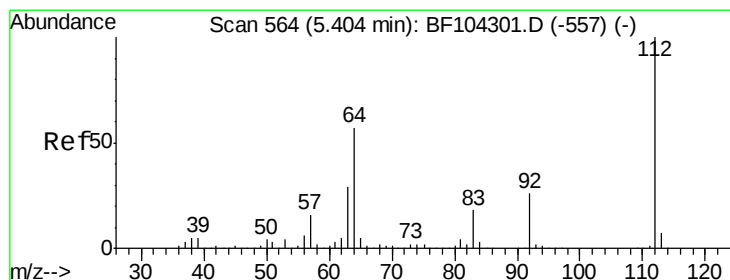
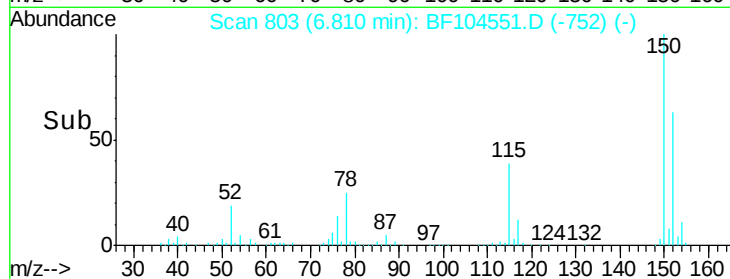
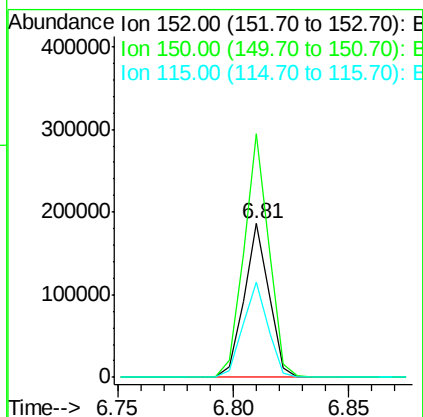
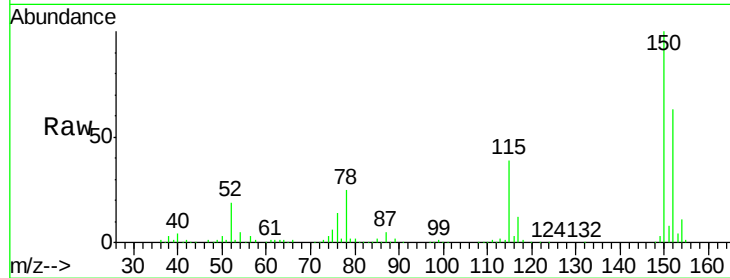


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF104551.D
Acq: 16 Apr 2018 23:33

Instrument :
BNA_F
ClientSampleId :
CO-1

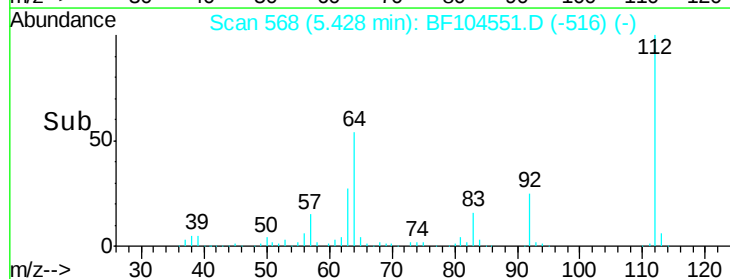
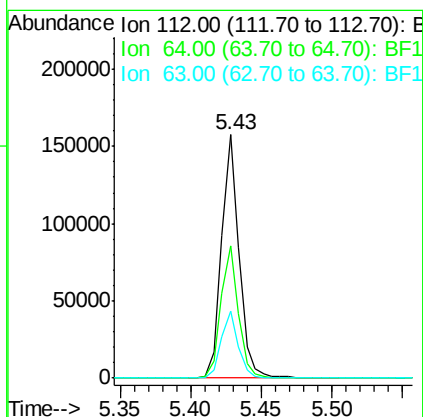
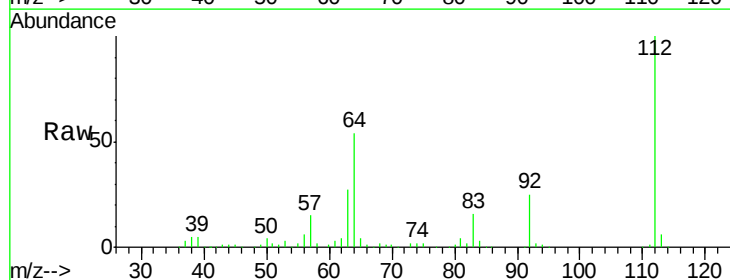
Tot Ion:152 Resp: 140010
Ion Ratio Lower Upper
152 100
150 158.6 124.6 186.8
115 62.3 50.1 75.1

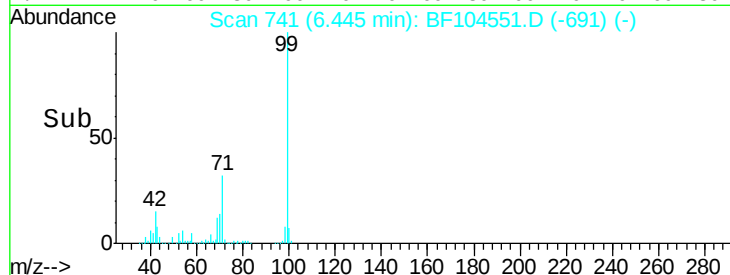
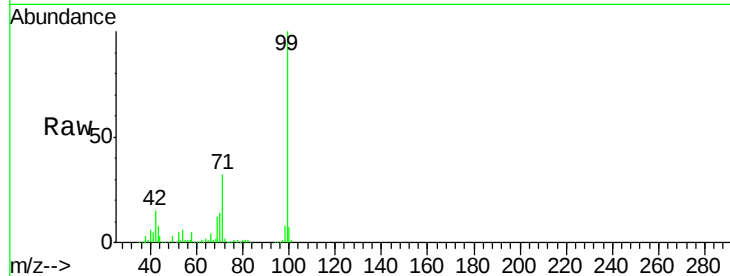
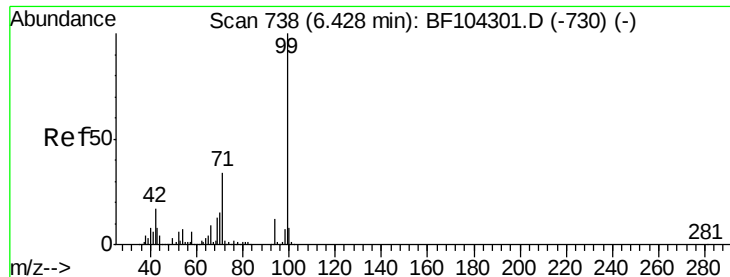


#5

2-Fluorophenol
Concen: 14.854 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF104551.D
Acq: 16 Apr 2018 23:33

Tgt Ion:112 Resp: 136011
Ion Ratio Lower Upper
112 100
64 54.1 47.9 71.9
63 27.3 23.7 35.5





#7

Phenol-d6

Concen: 49.146 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF104551.D

Acq: 16 Apr 2018 23:33

Instrument :

BNA_F

ClientSampleId :

CO-1

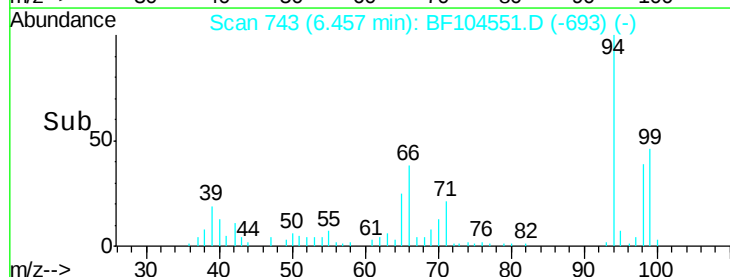
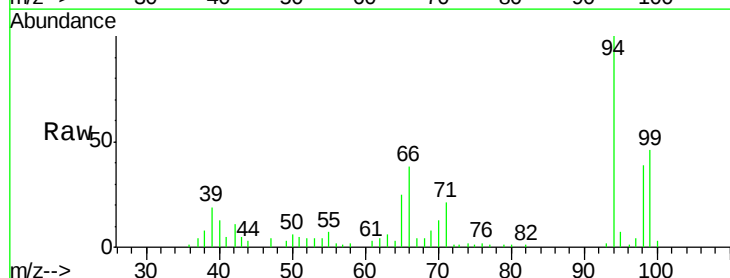
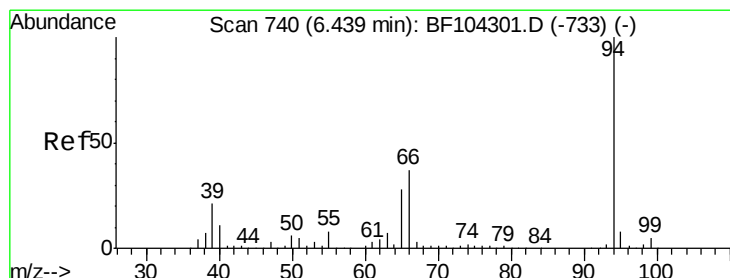
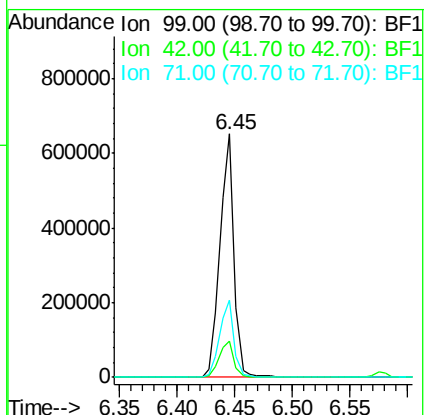
Tot Ion: 99 Resp: 552913

Ion Ratio Lower Upper

99 100

42 14.9 14.5 21.7

71 31.7 25.4 38.0



#10

Phenol

Concen: 2.486 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF104551.D

Acq: 16 Apr 2018 23:33

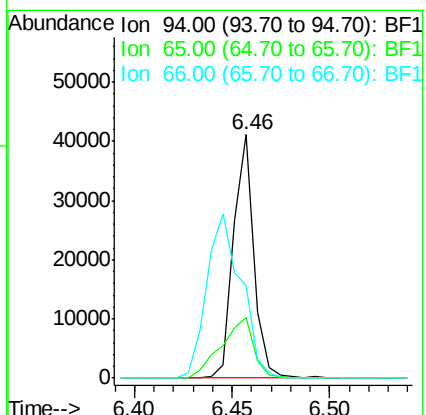
Tgt Ion: 94 Resp: 29678

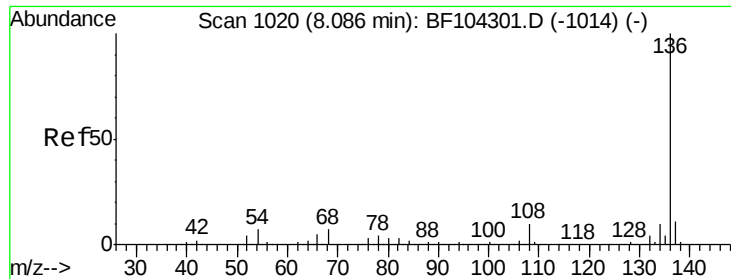
Ion Ratio Lower Upper

94 100

65 24.7 7.9 47.9

66 38.2 16.2 56.2

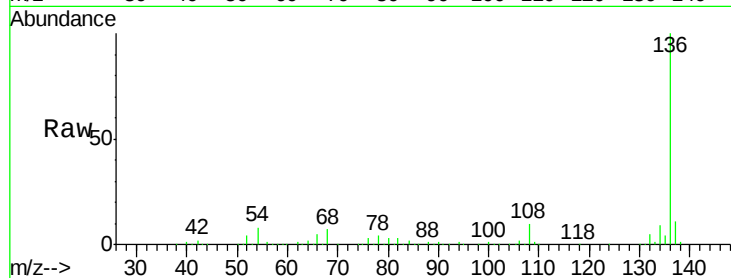




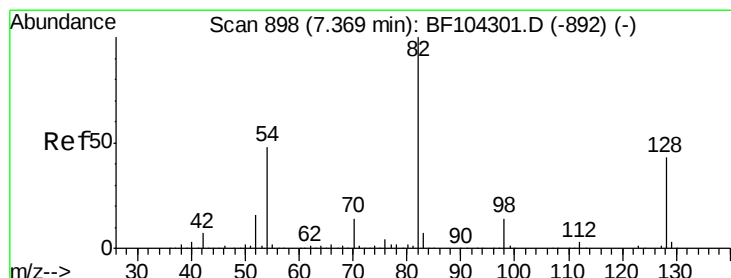
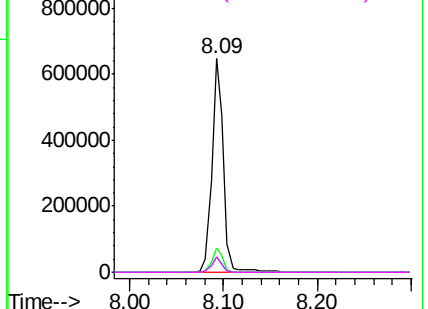
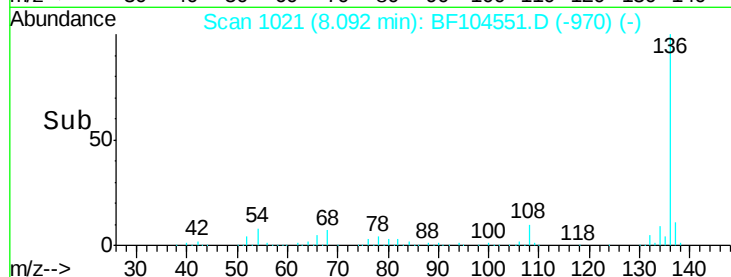
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF104551.D
Acq: 16 Apr 2018 23:33

Instrument :
BNA_F
ClientSampleId :
CO-1

Tot Ion:136	Resp:	561412
Ion	Ratio	Lower Upper
136	100	
137	11.2	8.9 13.3
54	7.5	6.6 9.8
68	6.9	5.0 7.4

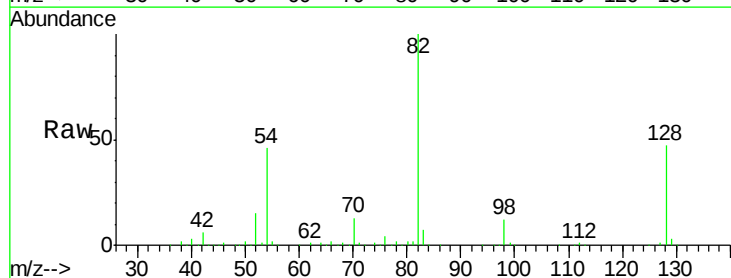


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

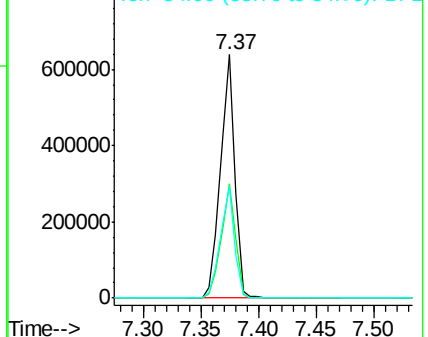
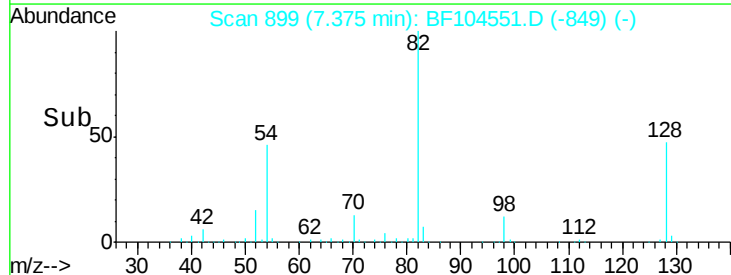


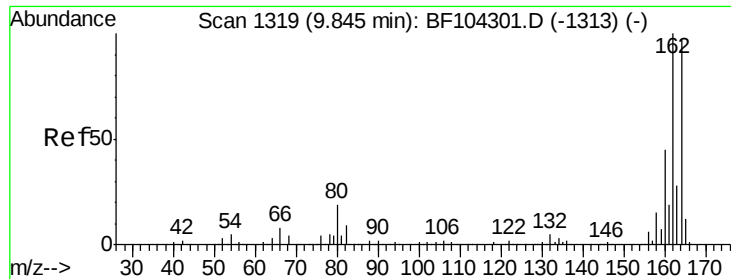
#23
Nitrobenzene-d5
Concen: 64.924 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF104551.D
Acq: 16 Apr 2018 23:33

Tgt Ion: 82	Resp:	558194
Ion	Ratio	Lower Upper
82	100	
128	46.9	36.1 54.1
54	45.7	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

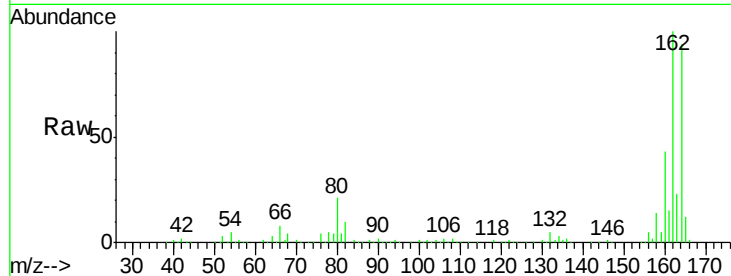




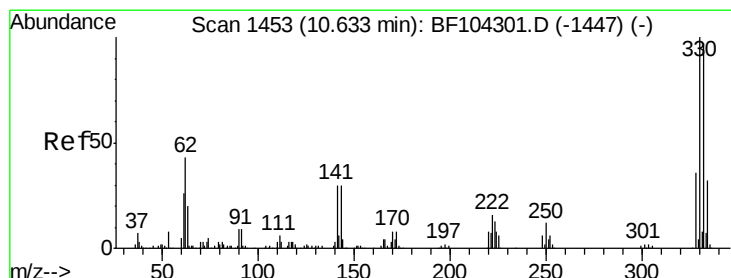
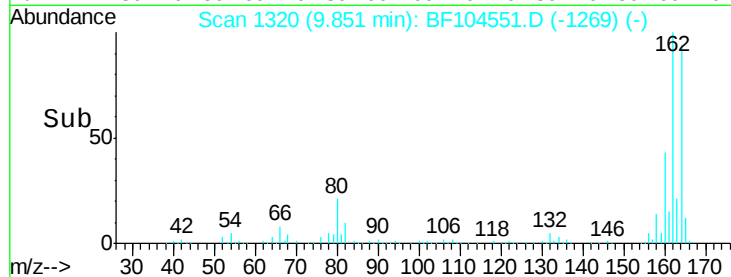
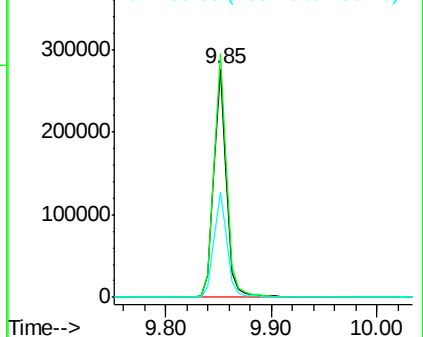
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: BF104551.D
 Acq: 16 Apr 2018 23:33

Instrument :
 BNA_F
 ClientSampleId :
 CO-1

Tot Ion:164 Resp: 241045
 Ion Ratio Lower Upper
 164 100
 162 106.6 86.1 129.1
 160 46.0 38.3 57.5

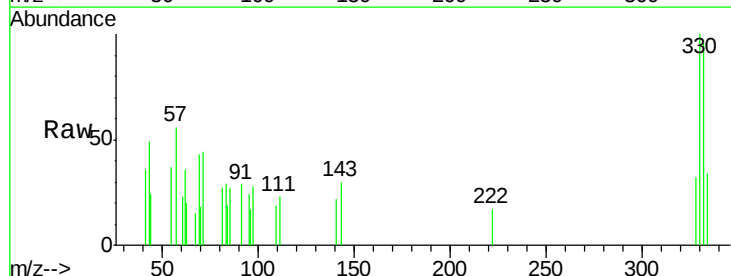


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

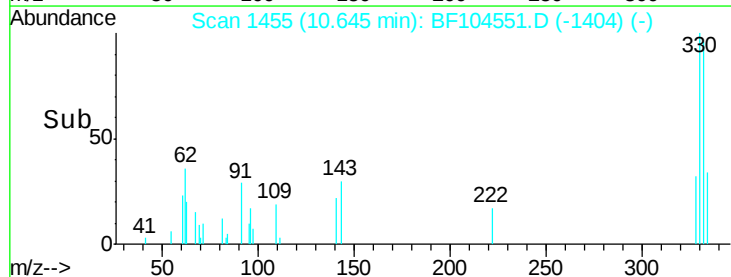
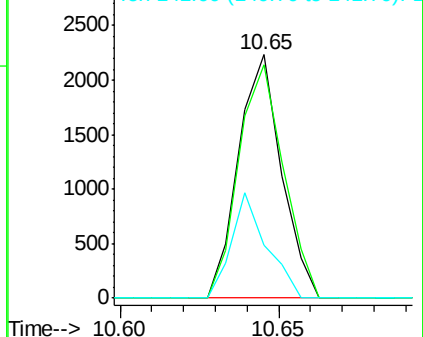


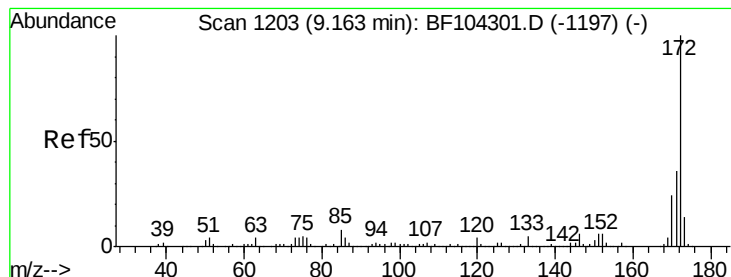
#41
 2,4,6-Tribromophenol
 Concen: 0.840 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.00 min
 Lab File: BF104551.D
 Acq: 16 Apr 2018 23:33

Tgt Ion:330 Resp: 2101
 Ion Ratio Lower Upper
 330 100
 332 100.0 77.0 115.6
 141 35.0 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: 66.714 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF104551.D

Acq: 16 Apr 2018 23:33

Instrument :

BNA_F

ClientSampleId :

CO-1

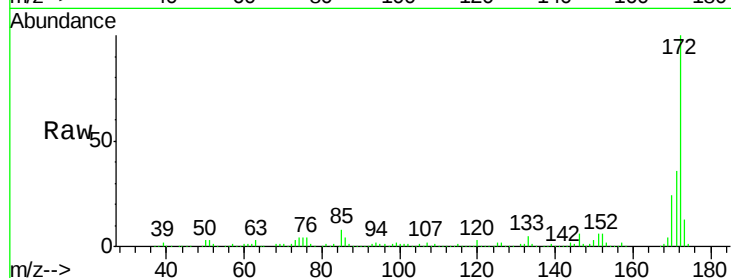
Tot Ion:172 Resp: 1017948

Ion Ratio Lower Upper

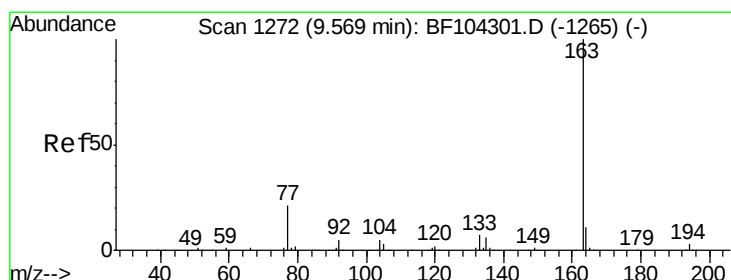
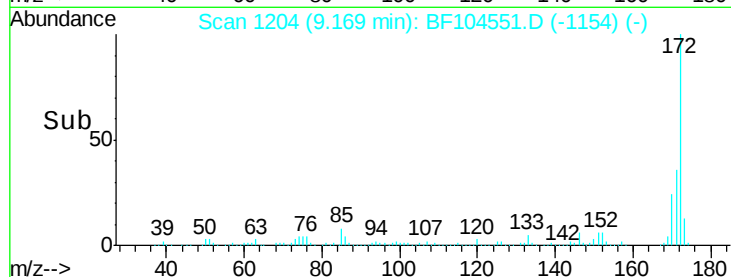
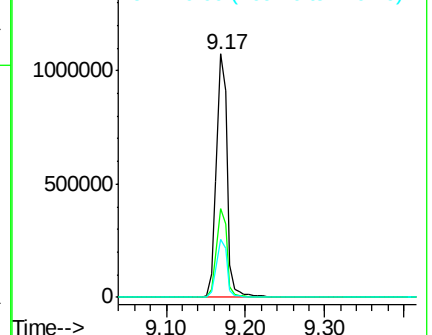
172 100

171 36.4 29.7 44.5

170 23.7 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: 7.260 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF104551.D

Acq: 16 Apr 2018 23:33

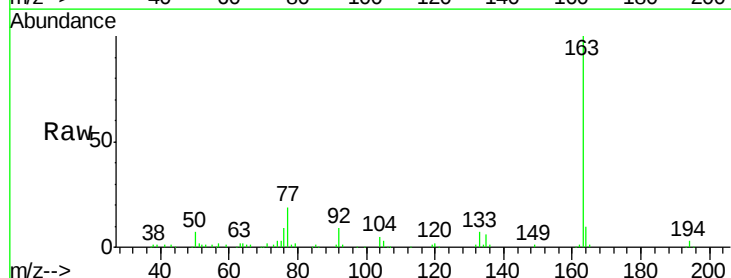
Tgt Ion:163 Resp: 137996

Ion Ratio Lower Upper

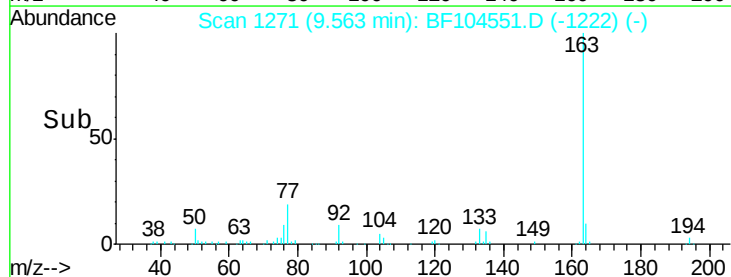
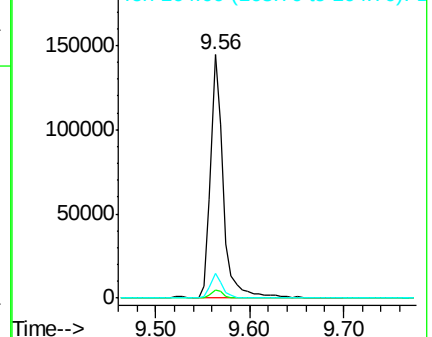
163 100

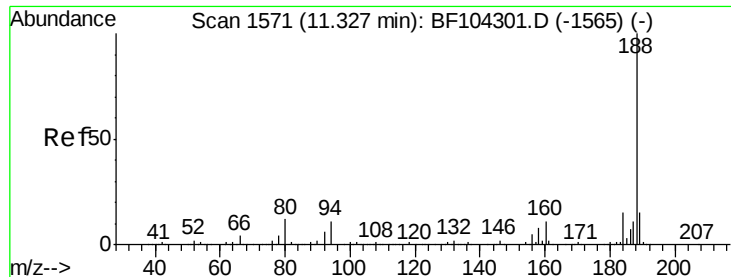
194 3.5 2.7 4.1

164 10.0 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

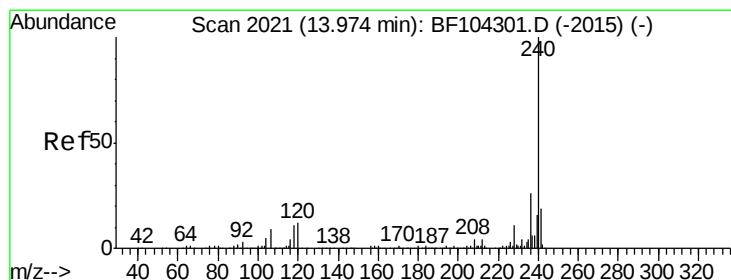
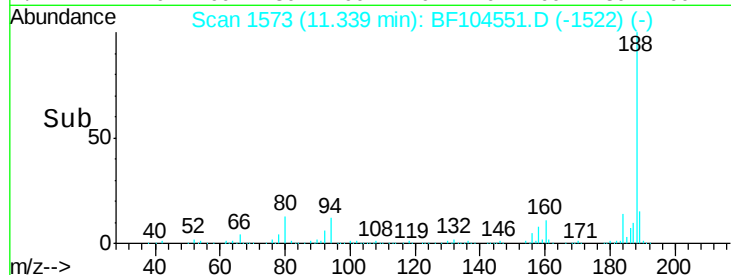
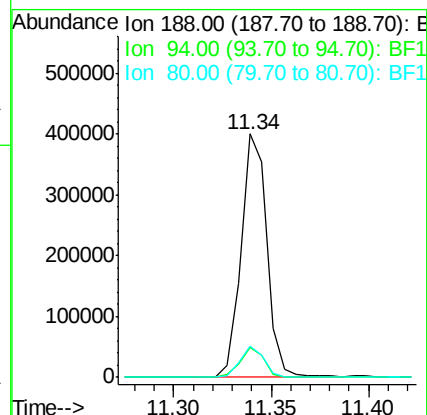
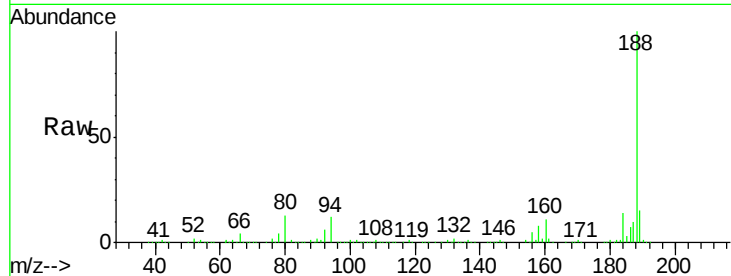




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BF104551.D
Acq: 16 Apr 2018 23:33

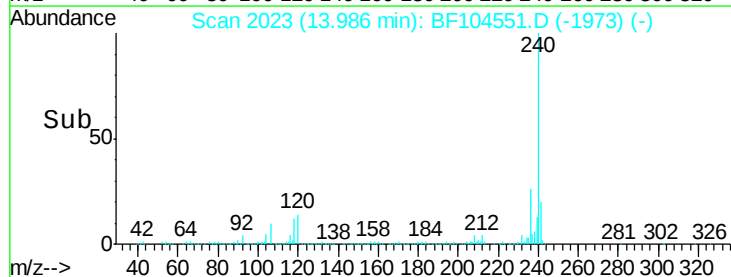
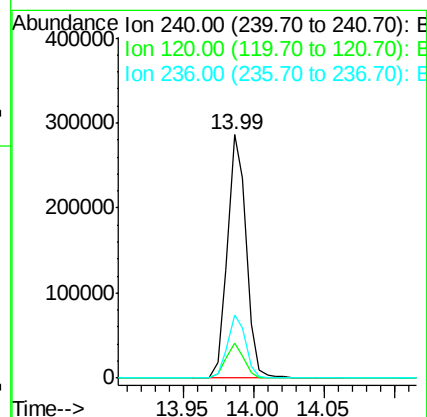
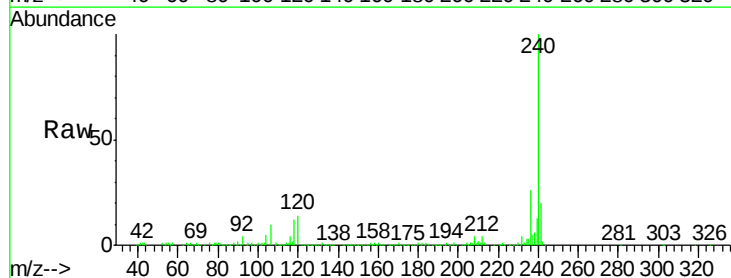
Instrument :
BNA_F
ClientSampled :
CO-1

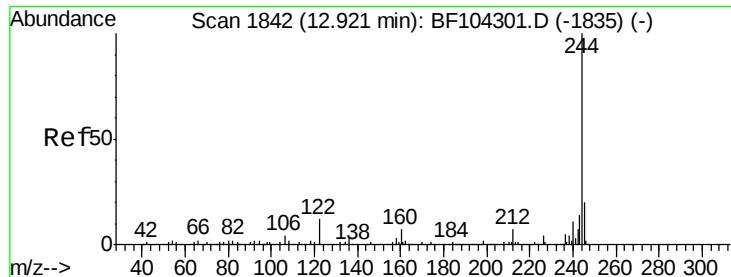
Tot Ion:188 Resp: 366159
Ion Ratio Lower Upper
188 100
94 12.3 8.5 12.7
80 12.9 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF104551.D
Acq: 16 Apr 2018 23:33

Tgt Ion:240 Resp: 265893
Ion Ratio Lower Upper
240 100
120 14.4 9.5 14.3#
236 26.1 20.7 31.1





#78

Terphenyl-d14

Concen: 62.143 ng

RT: 12.93 min Scan# 1844

Delta R.T. 0.01 min

Lab File: BF104551.D

Acq: 16 Apr 2018 23:33

Instrument :

BNA_F

ClientSampleId :

CO-1

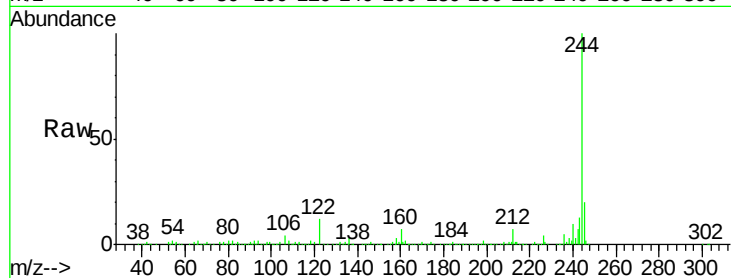
Tot Ion:244 Resp: 724762

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

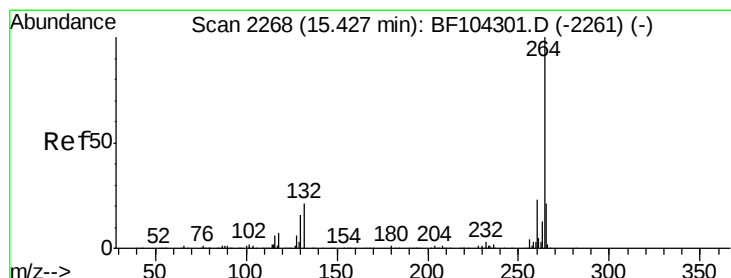
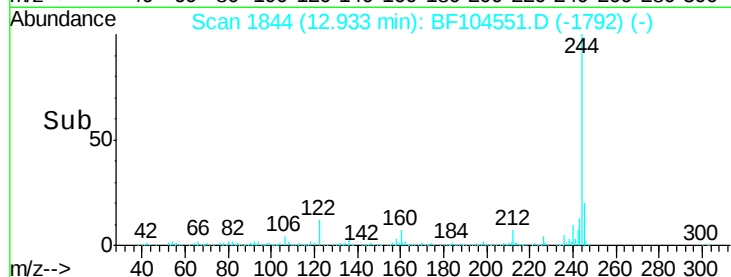
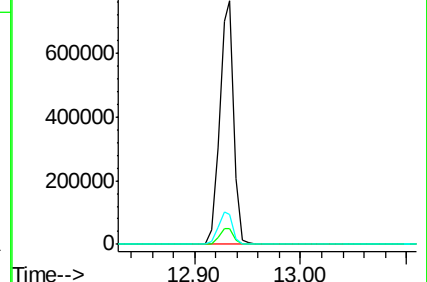
122 12.1 11.0 16.4



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: 15.46 min Scan# 2273

Delta R.T. -0.00 min

Lab File: BF104551.D

Acq: 16 Apr 2018 23:33

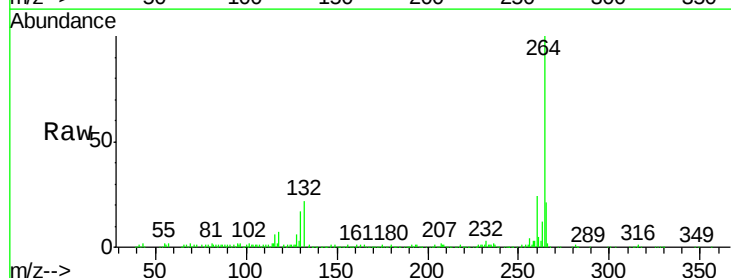
Tgt Ion:264 Resp: 235660

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 21.0 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

