

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
 Data File : BF104532.D
 Acq On : 16 Apr 2018 14:19
 Operator : JU/SJ
 Sample : J2360-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NAA-WS-002

Quant Time: Apr 16 15:02:07 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

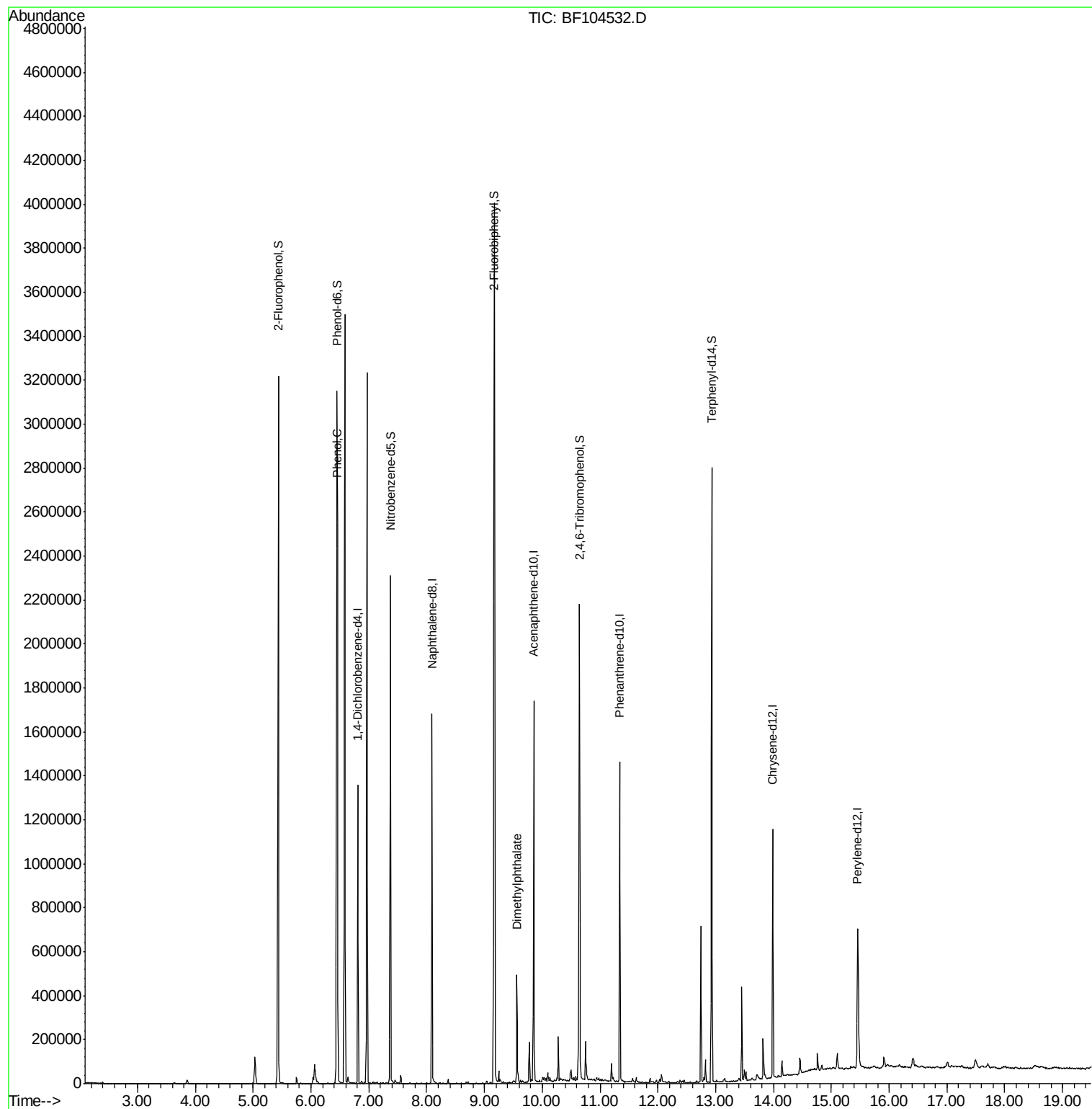
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	182913	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	743567	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	324673	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	485902	20.00	ng	0.00
75) Chrysene-d12	13.99	240	347173	20.00	ng	0.00
86) Perylene-d12	15.46	264	302928	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	999735	83.57	ng	0.01
7) Phenol-d6	6.45	99	1366473	92.97	ng	0.00
23) Nitrobenzene-d5	7.37	82	860244	75.54	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	280624	83.32	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1396881	67.97	ng	0.00
78) Terphenyl-d14	12.93	244	1012394	66.48	ng	0.00
Target Compounds						
10) Phenol	6.46	94	50816	3.258	ng	95
49) Dimethylphthalate	9.56	163	182048	7.110	ng	100

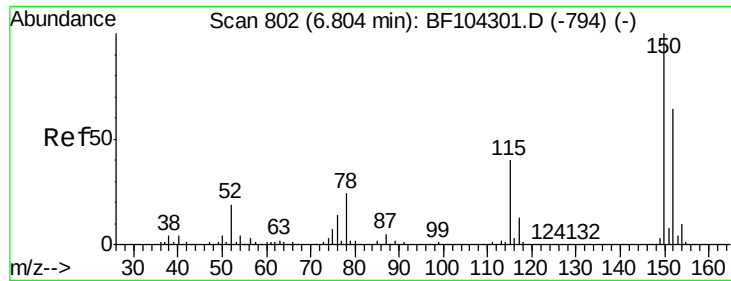
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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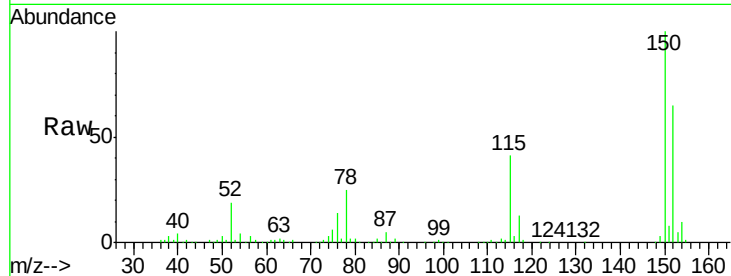


#1

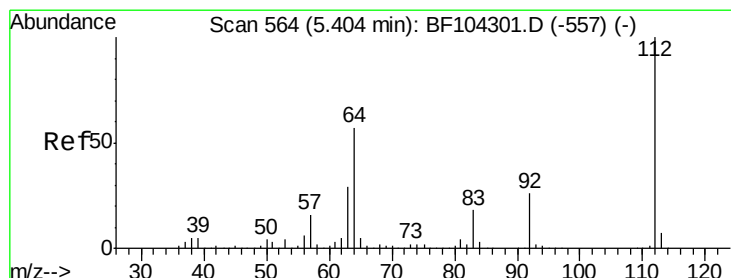
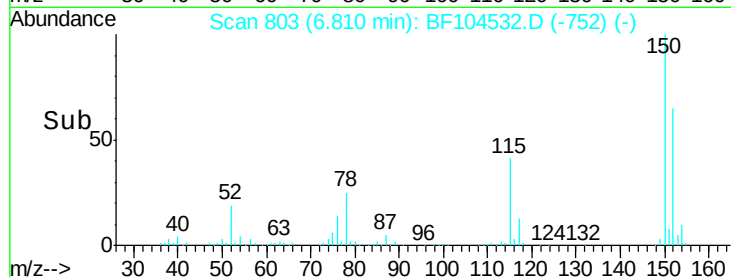
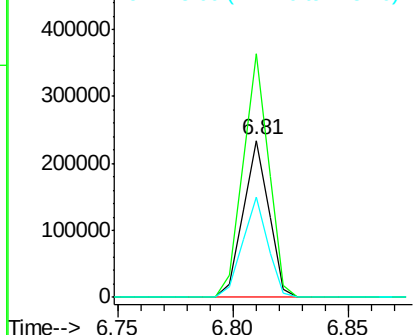
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF104532.D
Acq: 16 Apr 2018 14:19

Instrument :
BNA_F
ClientSampleId :
NAA-WS-002

Tot Ion:152 Resp: 182913
Ion Ratio Lower Upper
152 100
150 155.0 124.6 186.8
115 63.5 50.1 75.1



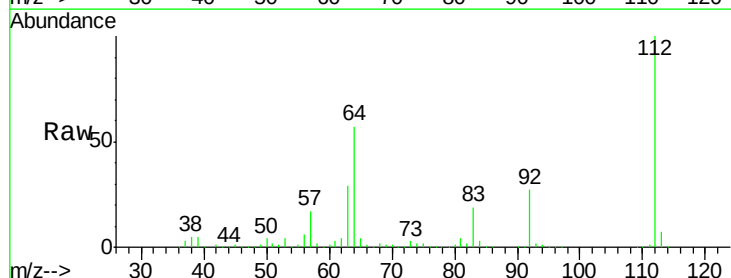
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



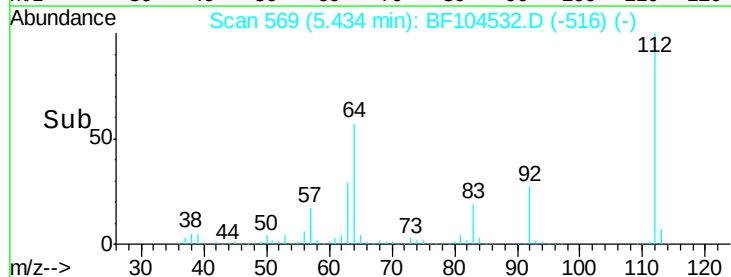
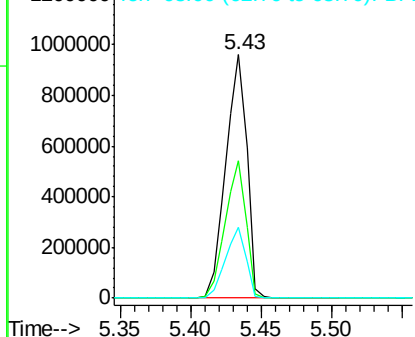
#5

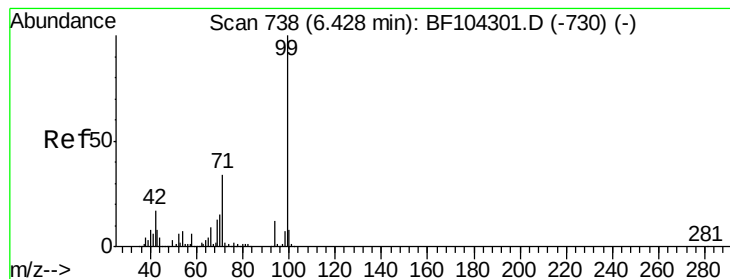
2-Fluorophenol
Concen: 83.573 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF104532.D
Acq: 16 Apr 2018 14:19

Tgt Ion:112 Resp: 999735
Ion Ratio Lower Upper
112 100
64 56.5 47.9 71.9
63 29.2 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: 92.970 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF104532.D

Acq: 16 Apr 2018 14:19

Instrument :

BNA_F

ClientSampleId :

NAA-WS-002

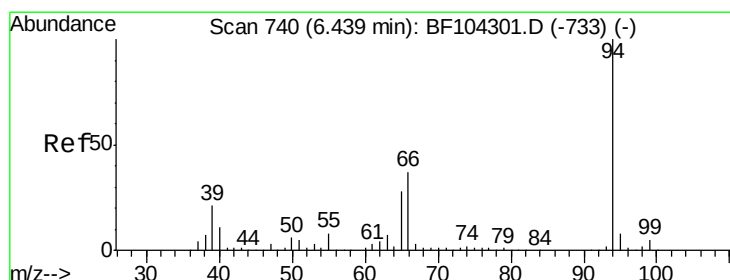
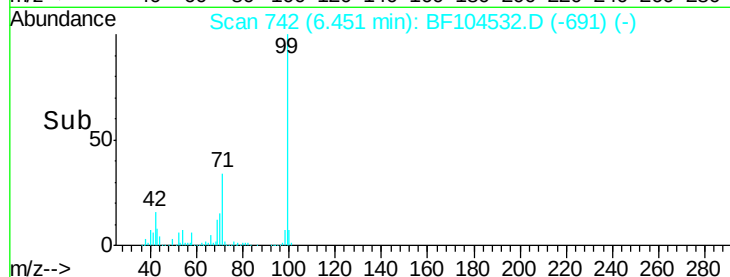
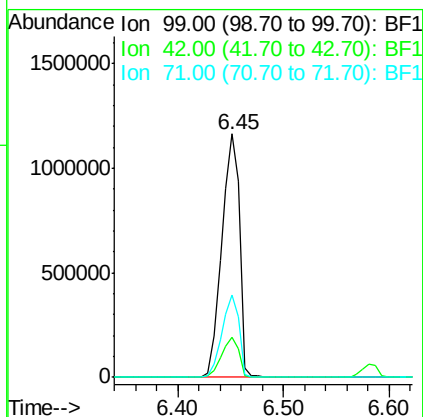
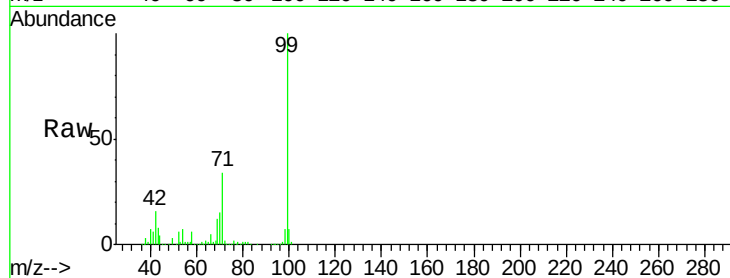
Tot Ion: 99 Resp: 1366473

Ion Ratio Lower Upper

99 100

42 16.4 14.5 21.7

71 33.9 25.4 38.0



#10

Phenol

Concen: 3.258 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF104532.D

Acq: 16 Apr 2018 14:19

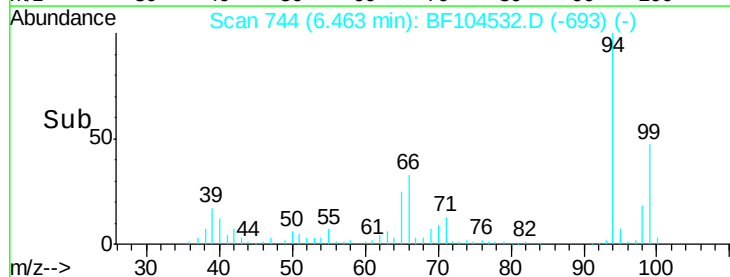
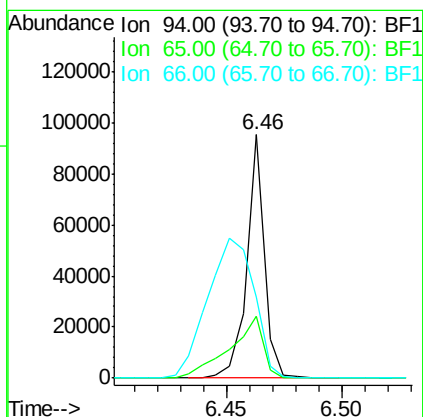
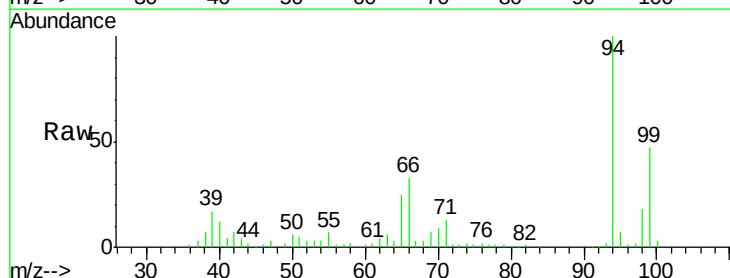
Tgt Ion: 94 Resp: 50816

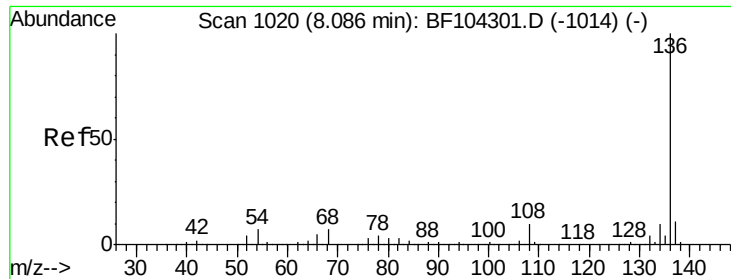
Ion Ratio Lower Upper

94 100

65 25.5 7.9 47.9

66 33.3 16.2 56.2

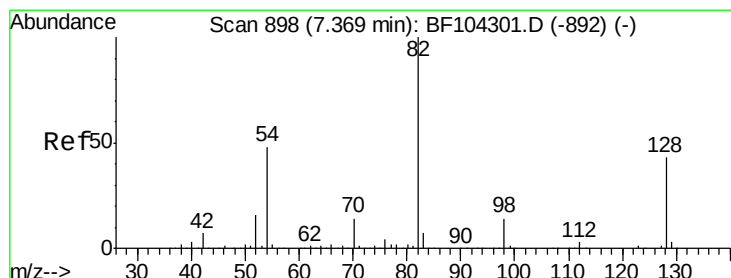
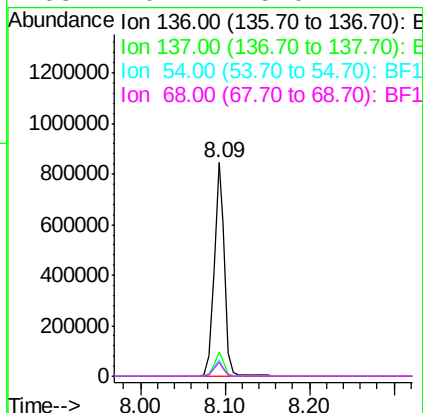
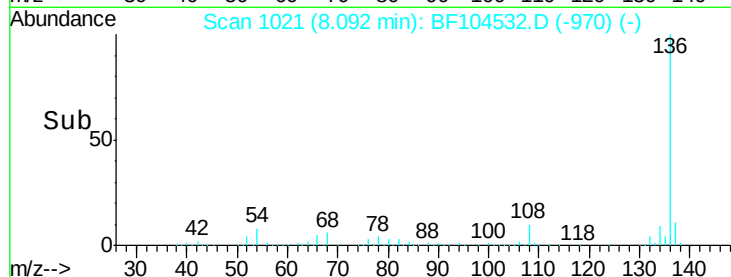
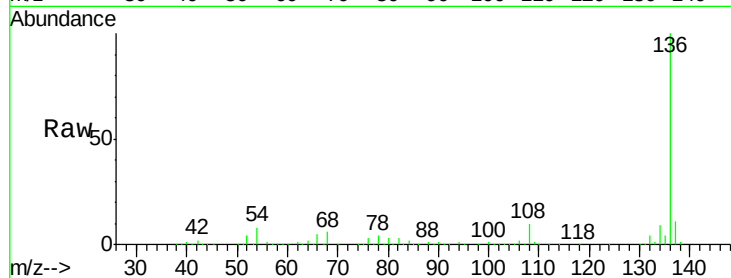




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF104532.D
Acq: 16 Apr 2018 14:19

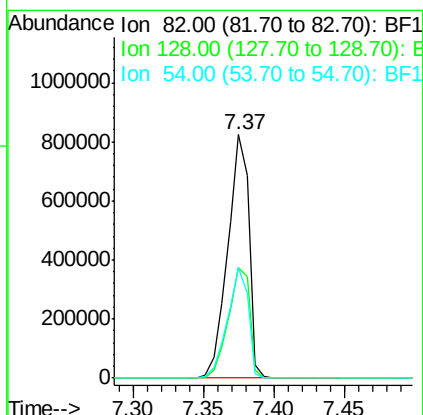
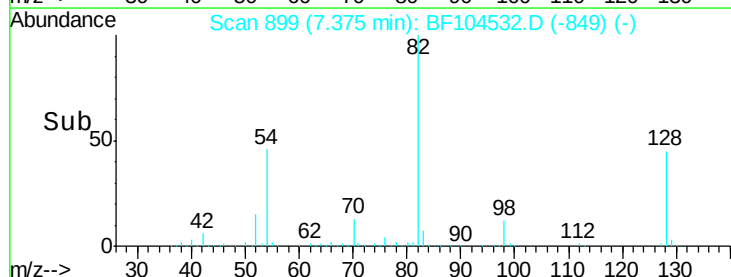
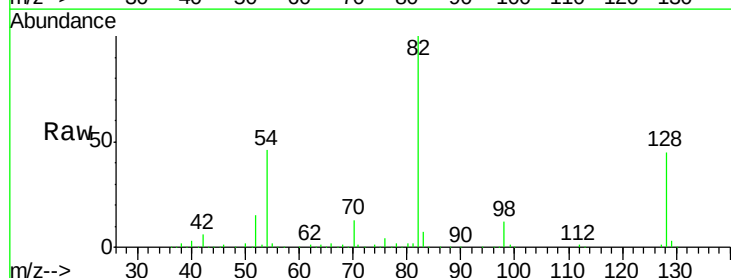
Instrument :
BNA_F
ClientSampleId :
NAA-WS-002

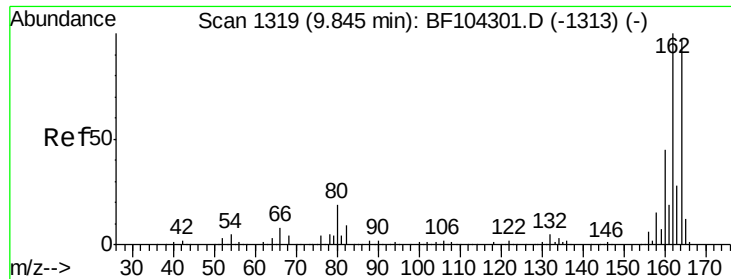
Tot Ion:136	Resp:	743567
Ion Ratio	Lower	Upper
136 100		
137 11.4	8.9	13.3
54 7.5	6.6	9.8
68 6.4	5.0	7.4



#23
Nitrobenzene-d5
Concen: 75.544 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF104532.D
Acq: 16 Apr 2018 14:19

Tgt Ion	82	Resp: Lower	860244 Upper
	Ratio 100		
128	45.2	36.1	54.1
54	45.5	41.4	62.2

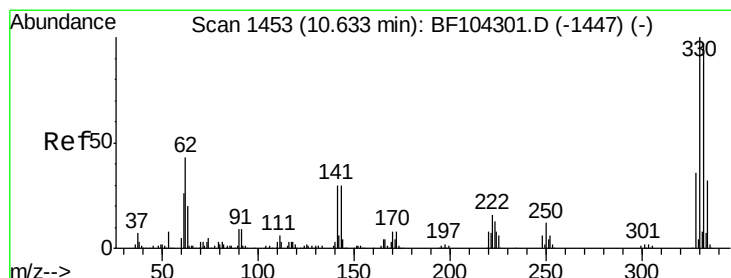
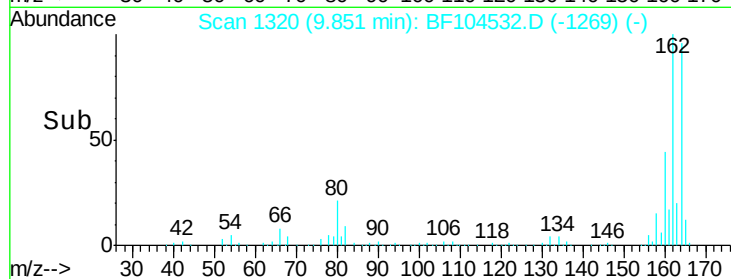
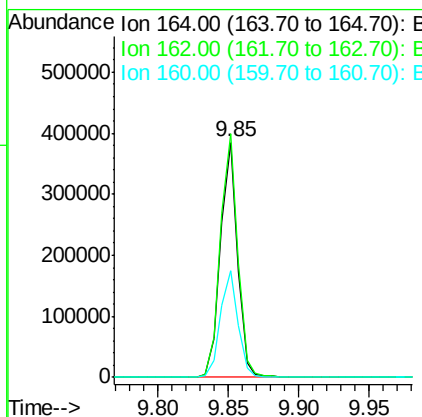
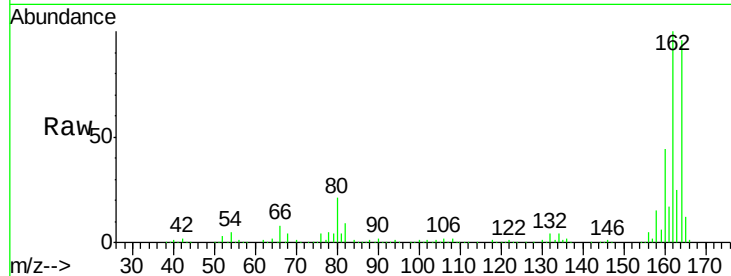




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: BF104532.D
 Acq: 16 Apr 2018 14:19

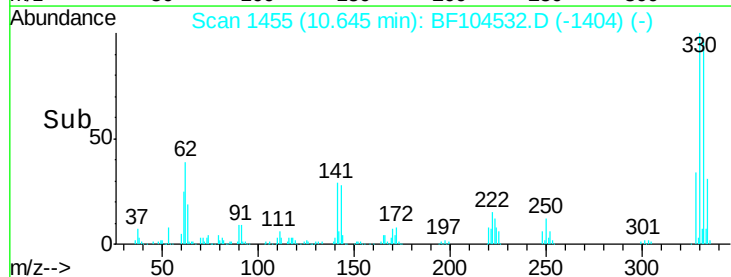
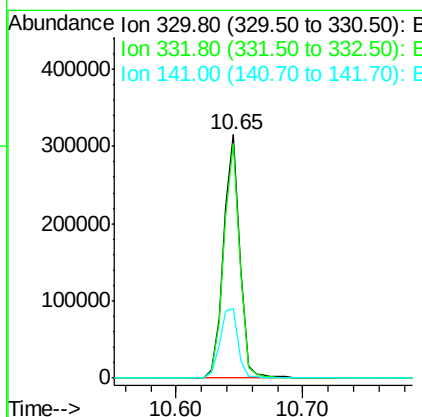
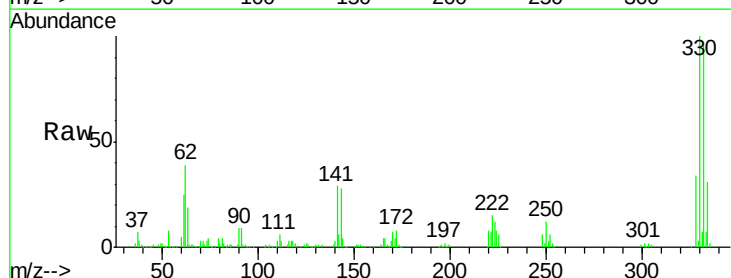
Instrument :
 BNA_F
 ClientSampleId :
 NAA-WS-002

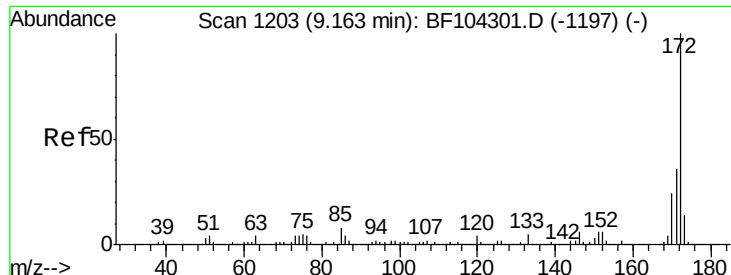
Tot Ion:164 Resp: 324673
 Ion Ratio Lower Upper
 164 100
 162 103.7 86.1 129.1
 160 45.3 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 83.323 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.00 min
 Lab File: BF104532.D
 Acq: 16 Apr 2018 14:19

Tgt Ion:330 Resp: 280624
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.0 115.6
 141 32.5 29.9 44.9

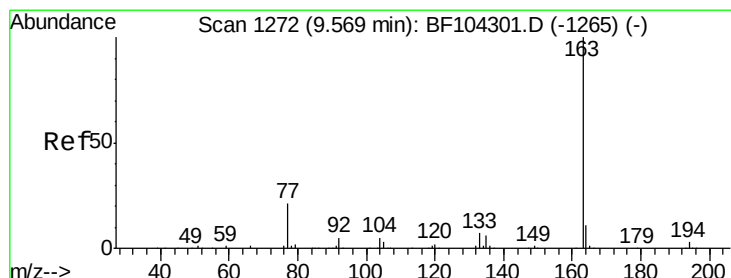
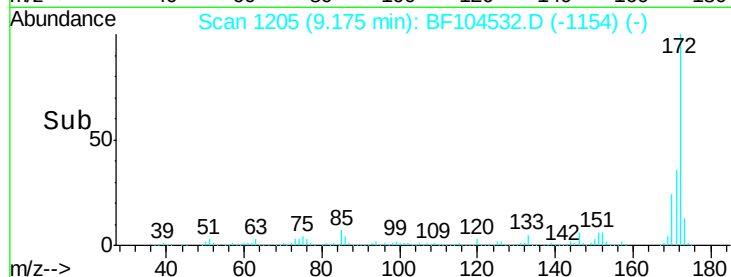
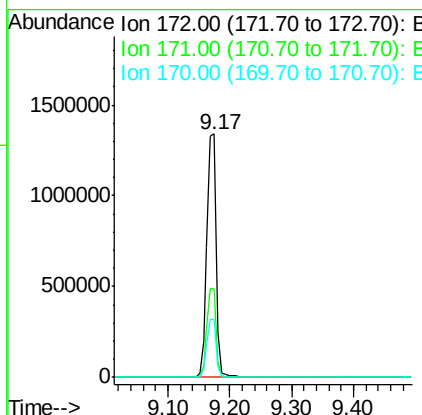
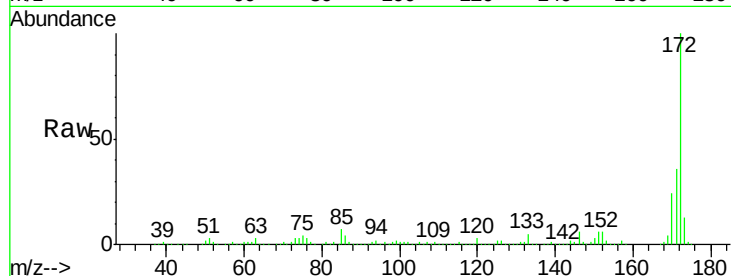




#44
2-Fluorobiphenyl
Concen: 67.968 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF104532.D
Acq: 16 Apr 2018 14:19

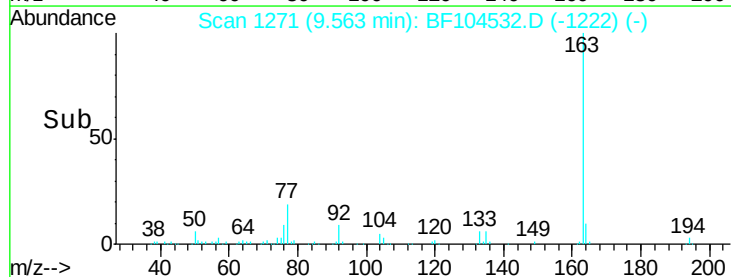
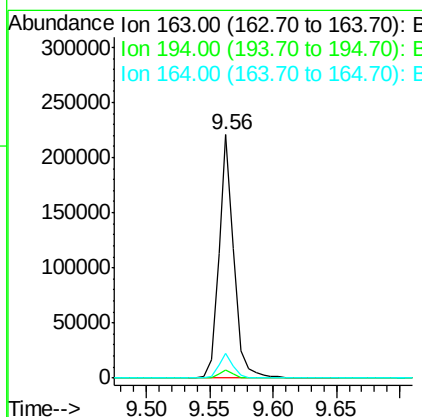
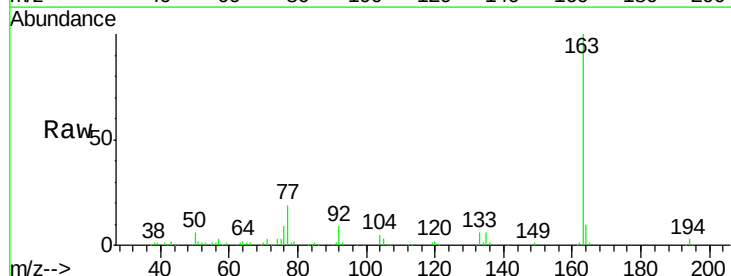
Instrument :
BNA_F
ClientSampleId :
NAA-WS-002

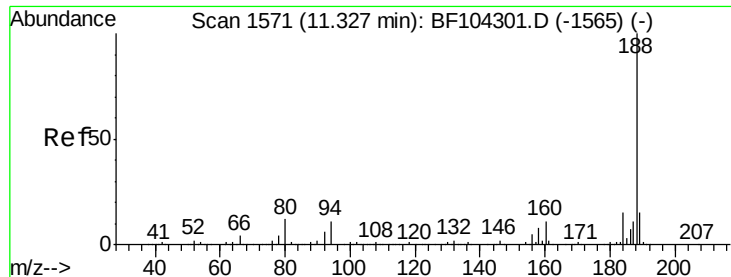
Tot Ion:172 Resp: 1396881
Ion Ratio Lower Upper
172 100
171 36.3 29.7 44.5
170 24.1 19.6 29.4



#49
Dimethylphthalate
Concen: 7.110 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF104532.D
Acq: 16 Apr 2018 14:19

Tgt Ion:163 Resp: 182048
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.0 8.2 12.2

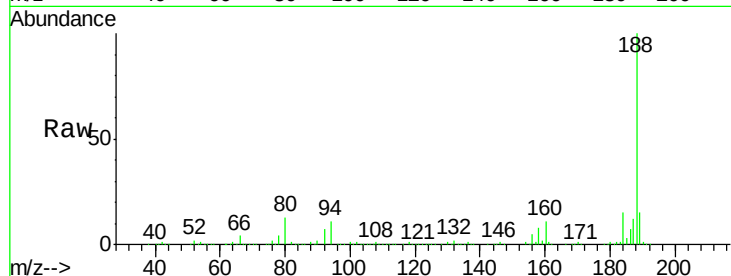




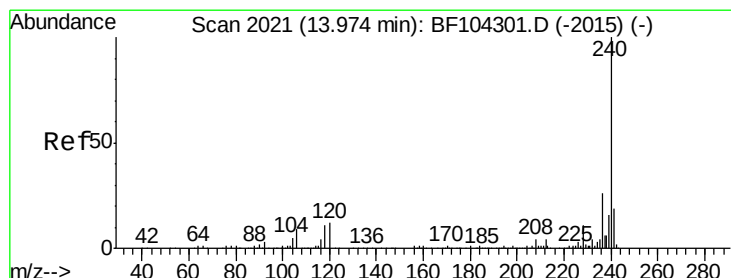
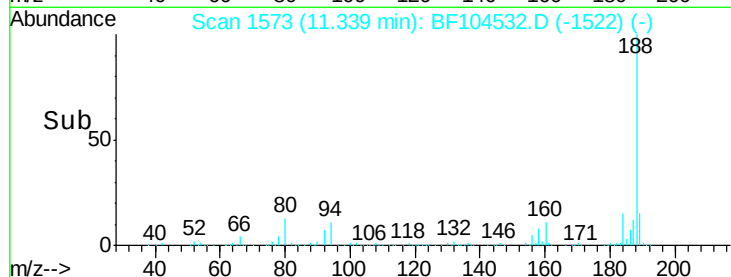
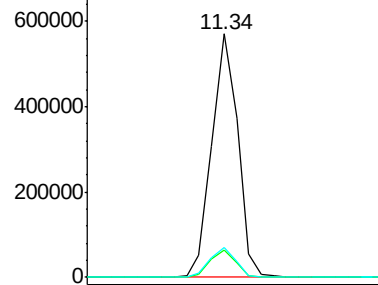
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF104532.D
Acq: 16 Apr 2018 14:19

Instrument :
BNA_F
ClientSampleId :
NAA-WS-002

Tot Ion:188 Resp: 485902
Ion Ratio Lower Upper
188 100
94 11.3 8.5 12.7
80 12.5 9.2 13.8

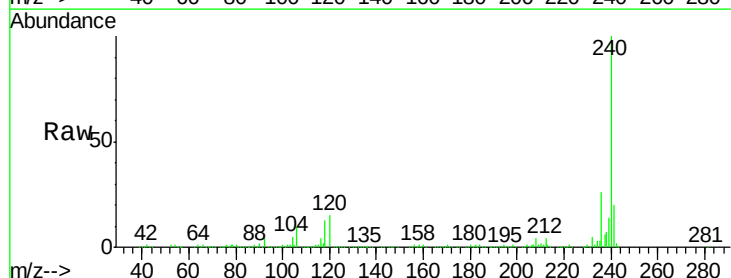


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

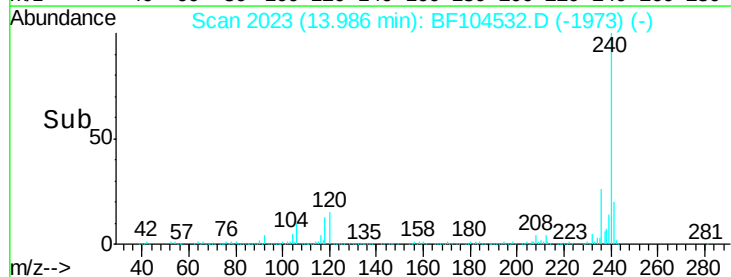
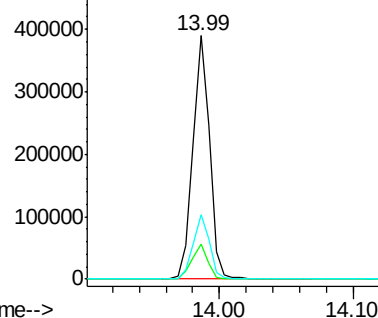


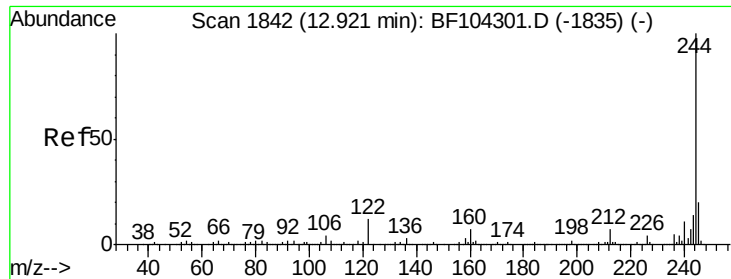
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF104532.D
Acq: 16 Apr 2018 14:19

Tgt Ion:240 Resp: 347173
Ion Ratio Lower Upper
240 100
120 14.6 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: 66.482 ng

RT: 12.93 min Scan# 1844

Delta R.T. 0.01 min

Lab File: BF104532.D

Acq: 16 Apr 2018 14:19

Instrument :

BNA_F

ClientSampleId :

NAA-WS-002

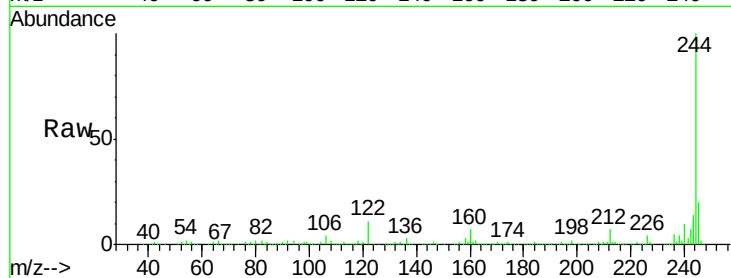
Tot Ion:244 Resp: 1012394

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

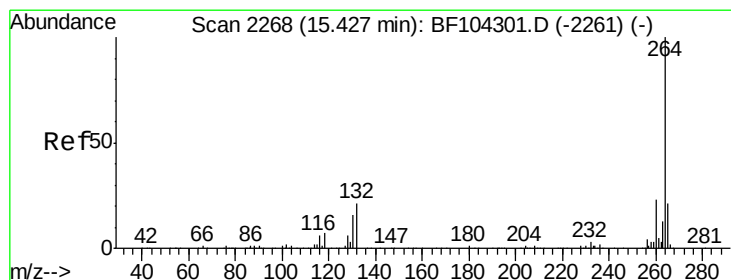
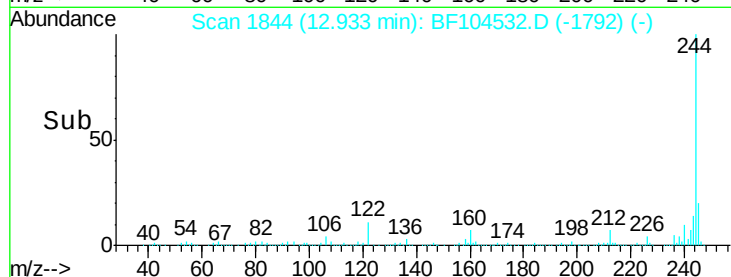
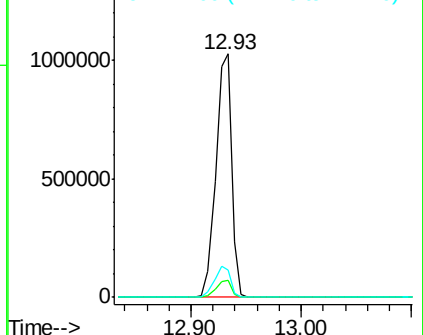
122 11.4 11.0 16.4



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: BF104532.D

Acq: 16 Apr 2018 14:19

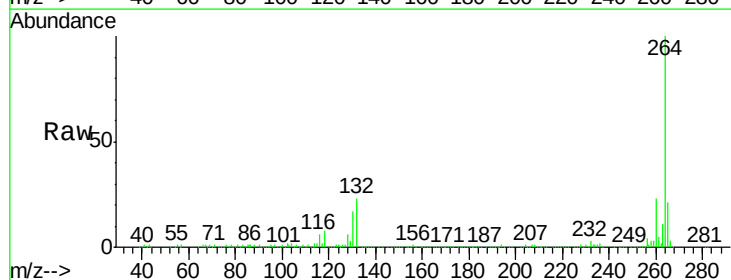
Tgt Ion:264 Resp: 302928

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 21.4 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

