

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033018\
 Data File : BF104098.D
 Acq On : 30 Mar 2018 17:47
 Operator : JU/SJ
 Sample : J2072-07 20X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 30 23:06:36 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 30 17:20:53 2018
 Response via : Initial Calibration

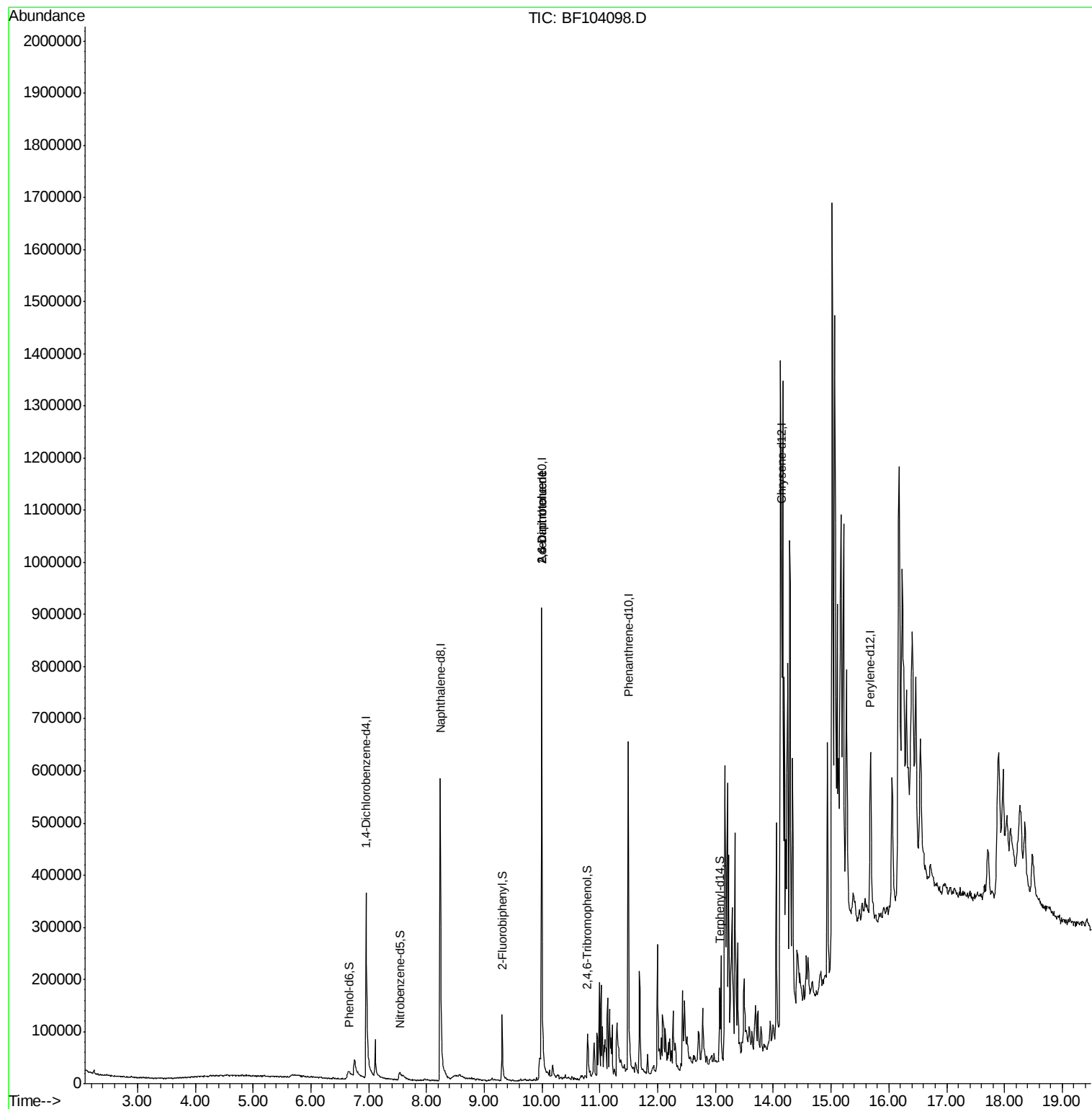
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	101169	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	437509	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	198262	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	329349	20.00	ng	0.00
75) Chrysene-d12	14.14	240	209015	20.00	ng	0.00
86) Perylene-d12	15.69	264	204559	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	5374	0.85	ng	0.09
7) Phenol-d6	6.66	99	29316	3.76	ng	0.07
23) Nitrobenzene-d5	7.55	82	25023	3.50	ng	0.02
41) 2,4,6-Tribromophenol	10.79	330	12138	5.50	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	60682	4.83	ng	0.00
78) Terphenyl-d14	13.07	244	51065	5.64	ng	0.00
Target Compounds						
9) Benzaldehyde	6.75	77	396	Below Cal	#	1
50) 2,6-Dinitrotoluene	9.99	165	24800	7.364 ng	#	35
56) 2,4-Dinitrotoluene	9.99	165	24801	5.771 ng	#	33

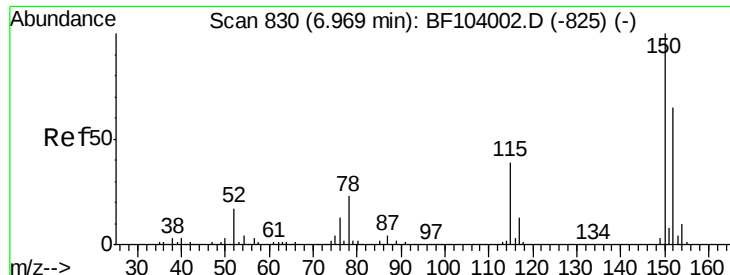
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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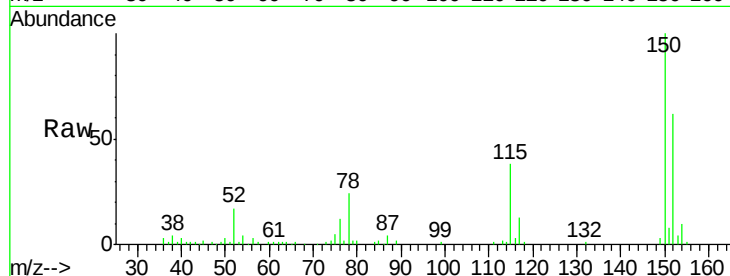


#1

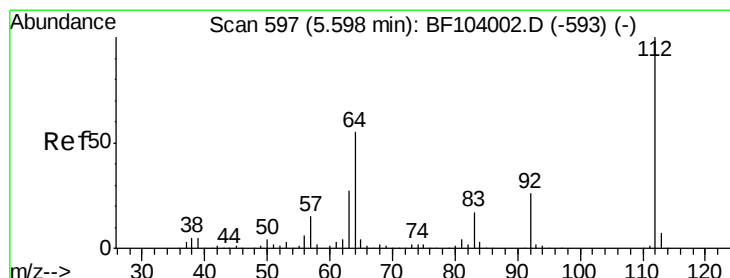
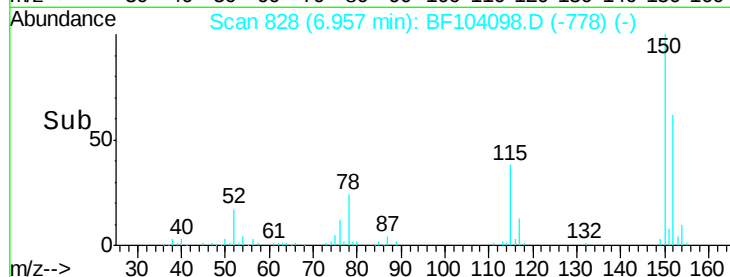
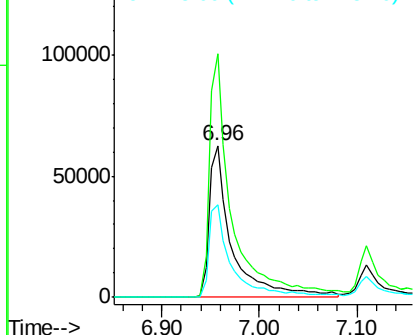
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF104098.D
Acq: 30 Mar 2018 17:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 101169
Ion Ratio Lower Upper
152 100
150 160.7 124.6 186.8
115 60.9 50.1 75.1



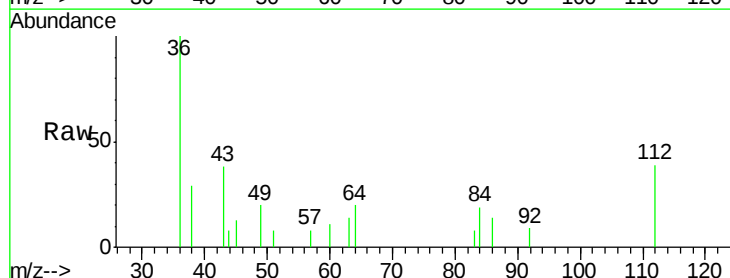
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



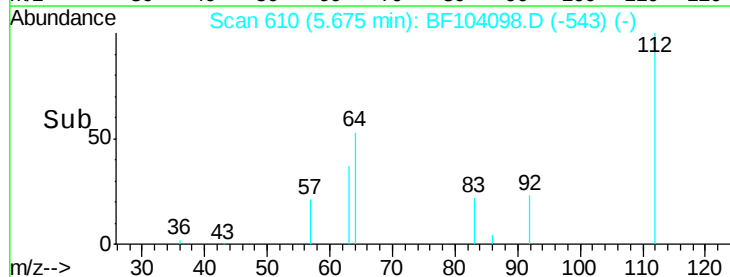
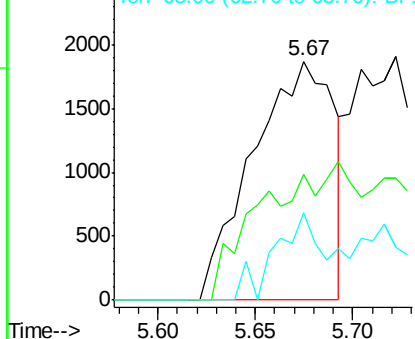
#5

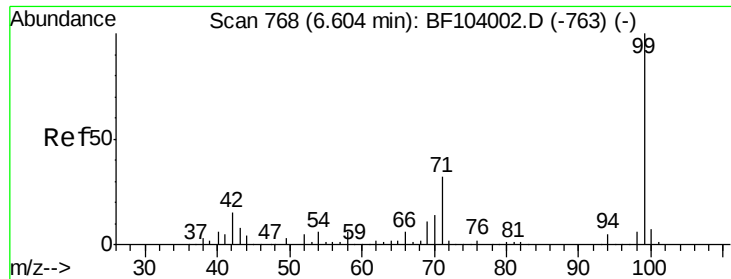
2-Fluorophenol
Concen: 0.847 ng
RT: 5.67 min Scan# 610
Delta R.T. 0.09 min
Lab File: BF104098.D
Acq: 30 Mar 2018 17:47

Tgt Ion:112 Resp: 5374
Ion Ratio Lower Upper
112 100
64 52.8 47.9 71.9
63 36.7 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: 3.756 ng

RT: 6.66 min Scan# 778

Delta R.T. 0.07 min

Lab File: BF104098.D

Acq: 30 Mar 2018 17:47

Instrument :

BNA_F

ClientSampleId :

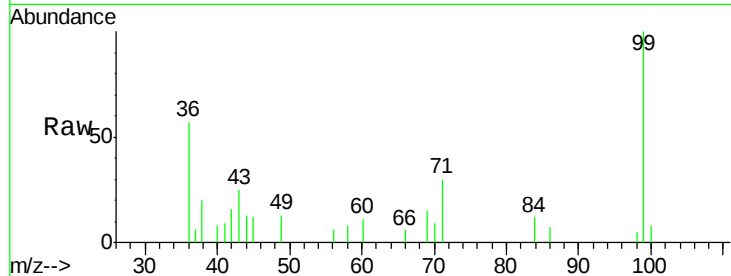
Tot Ion: 99 Resp: 29316

Ion Ratio Lower Upper

99 100

42 16.2 14.5 21.7

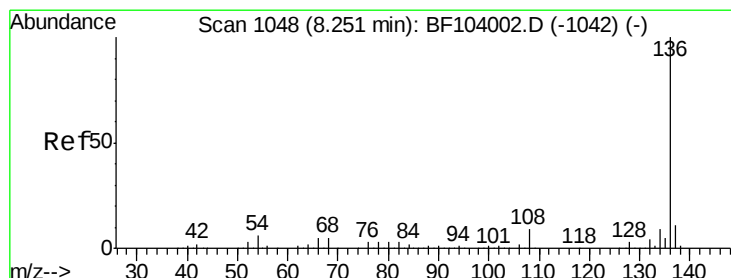
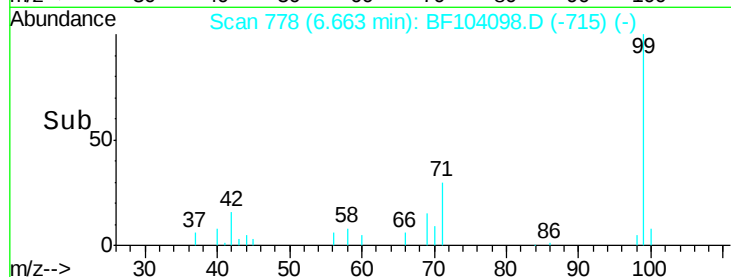
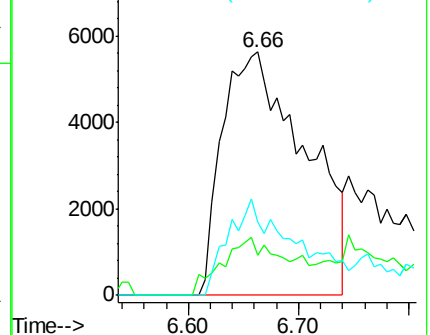
71 30.1 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BF104098.D

Acq: 30 Mar 2018 17:47

Tgt Ion: 136 Resp: 437509

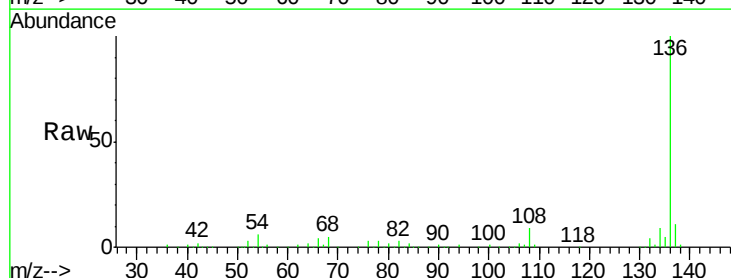
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 6.3 6.6 9.8#

68 5.4 5.0 7.4

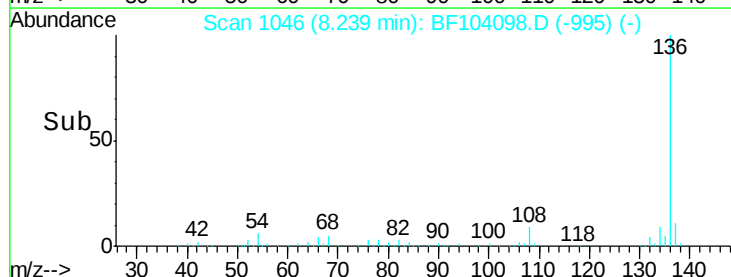
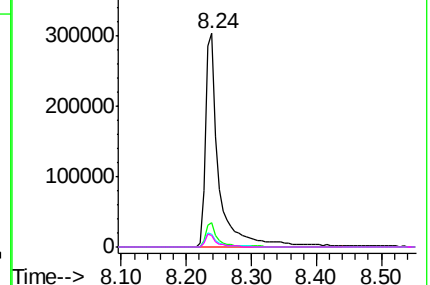


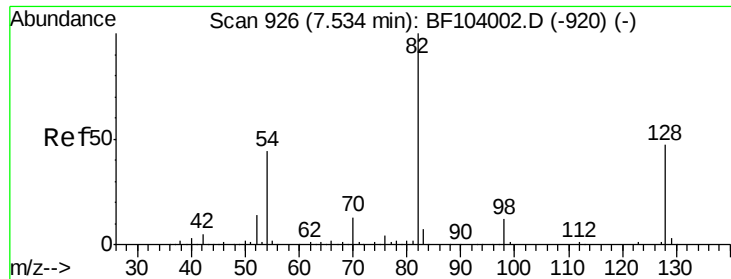
Abundance Ion 136.00 (135.70 to 136.70): E

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

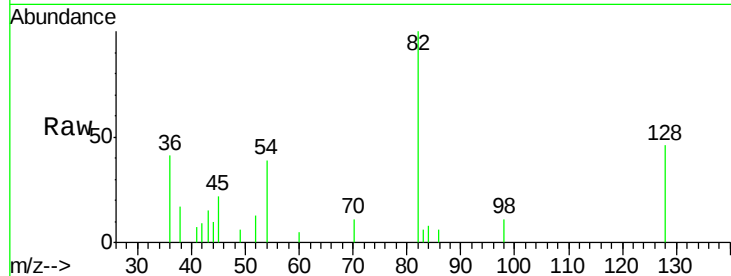




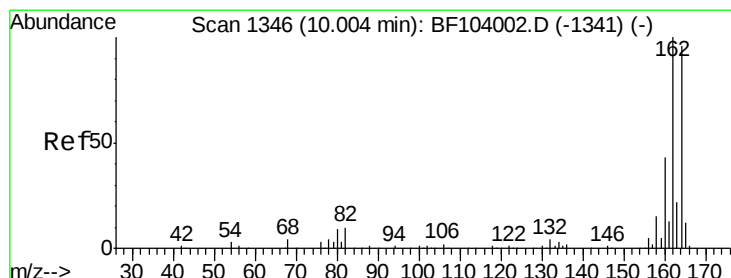
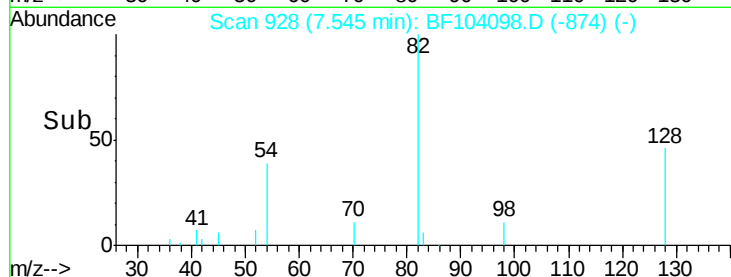
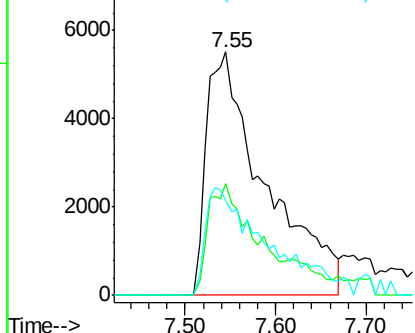
#23
 Nitrobenzene-d5
 Concen: 3.498 ng
 RT: 7.55 min Scan# 928
 Delta R.T. 0.02 min
 Lab File: BF104098.D
 Acq: 30 Mar 2018 17:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 25023
 Ion Ratio Lower Upper
 82 100
 128 46.1 36.1 54.1
 54 39.3 41.4 62.2#

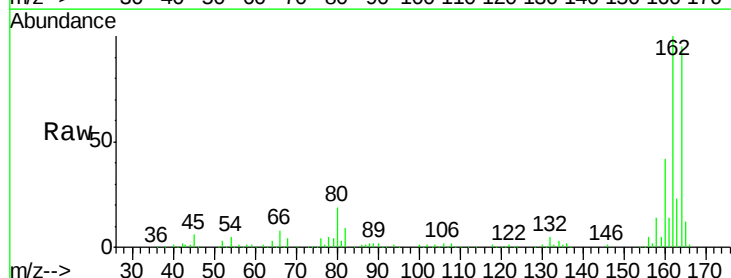


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

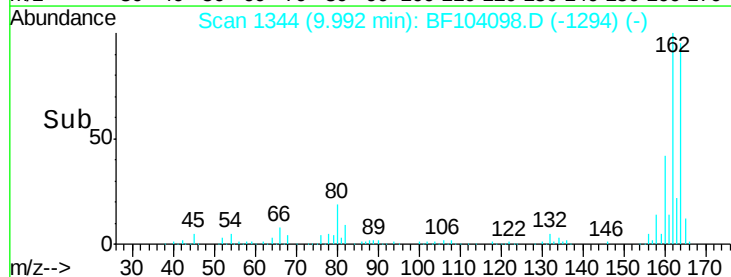
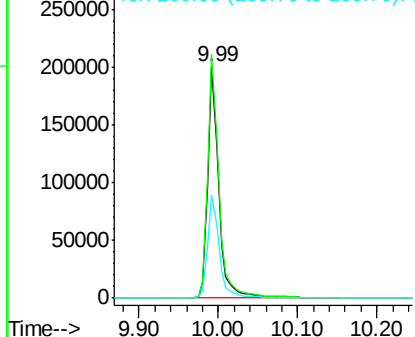


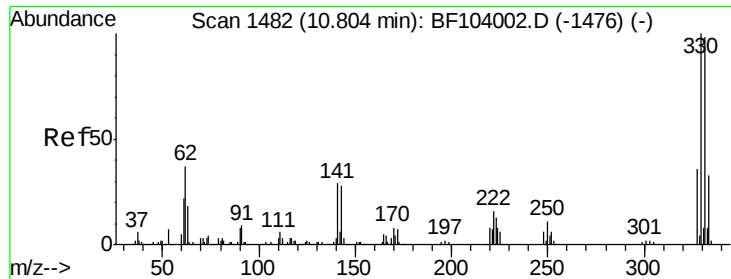
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. -0.01 min
 Lab File: BF104098.D
 Acq: 30 Mar 2018 17:47

Tgt Ion: 164 Resp: 198262
 Ion Ratio Lower Upper
 164 100
 162 105.4 86.1 129.1
 160 44.8 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

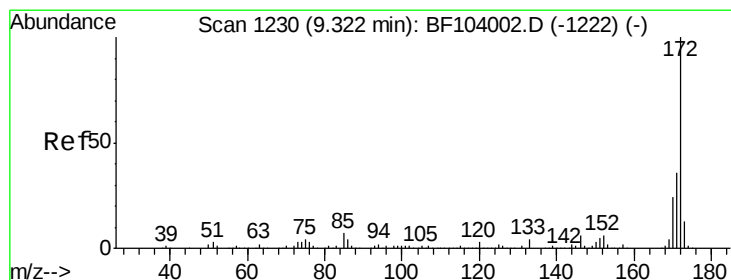
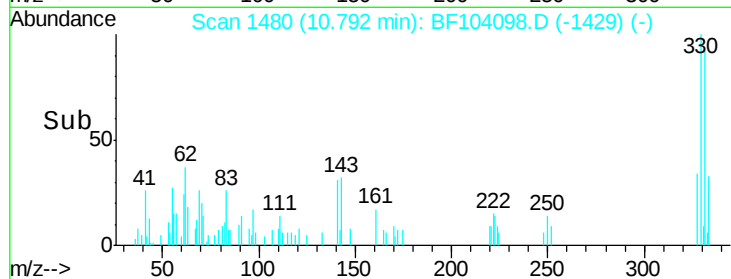
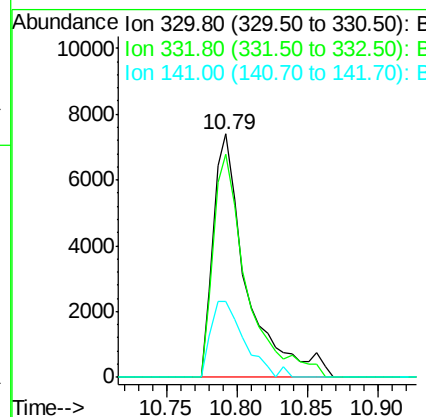
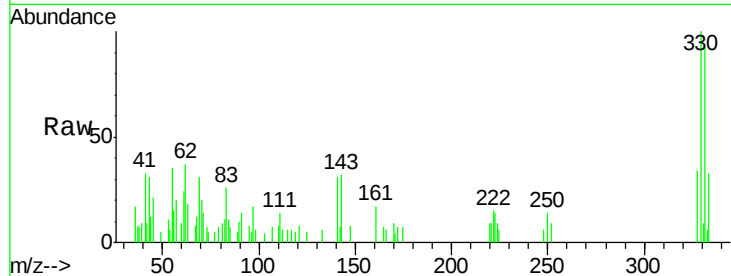




#41
 2,4,6-Tribromophenol
 Concen: 5.498 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: BF104098.D
 Acq: 30 Mar 2018 17:47

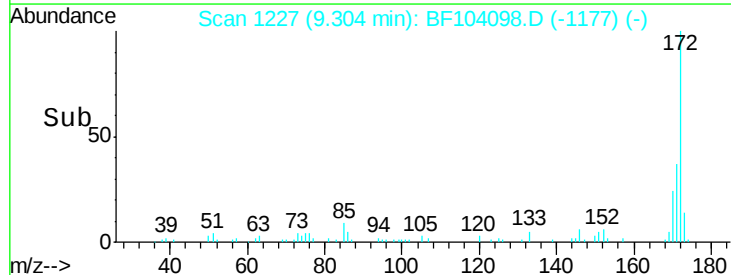
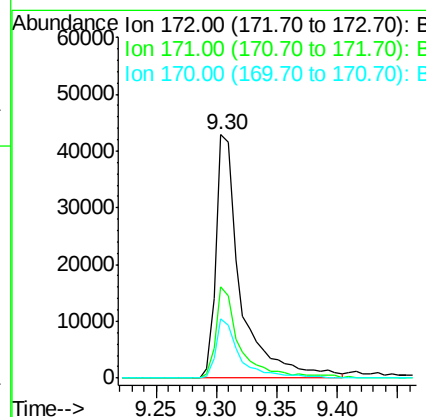
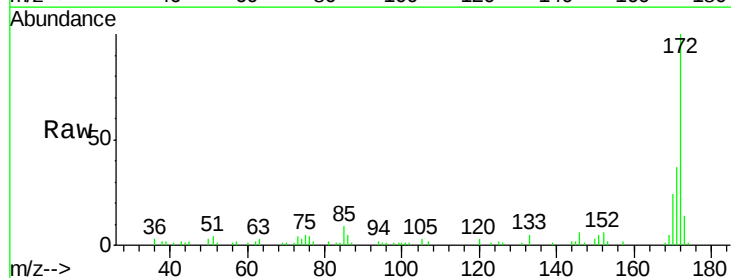
Instrument :
 BNA_F
 ClientSampled :

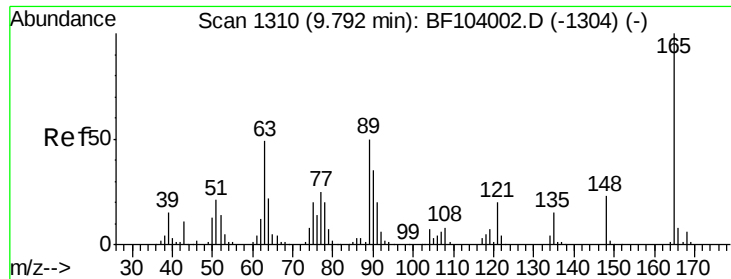
Tot Ion	Ratio	Lower	Upper
330	100		
332	91.9	77.0	115.6
141	31.4	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 4.826 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: BF104098.D
 Acq: 30 Mar 2018 17:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.7	44.5
170	24.2	19.6	29.4

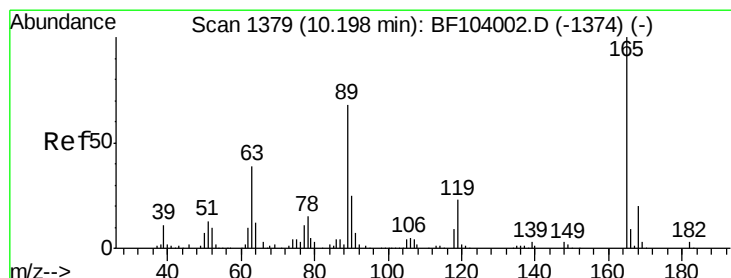
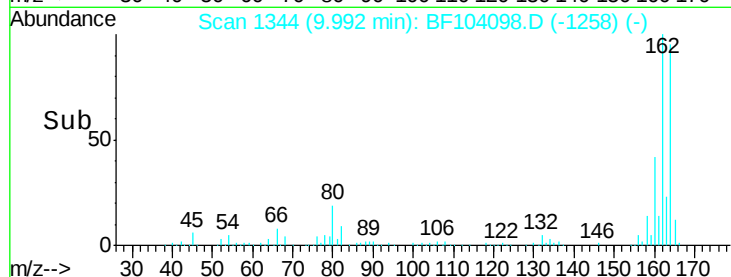
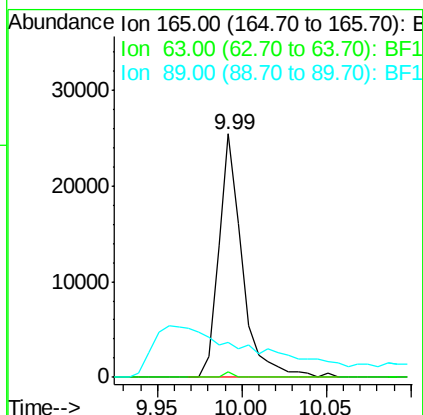
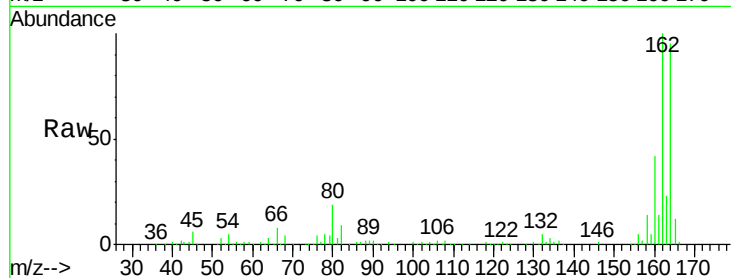




#50
 2,6-Dinitrotoluene
 Concen: 7.364 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. 0.21 min
 Lab File: BF104098.D
 Acq: 30 Mar 2018 17:47

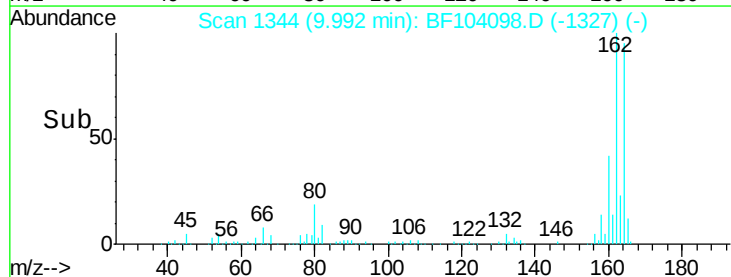
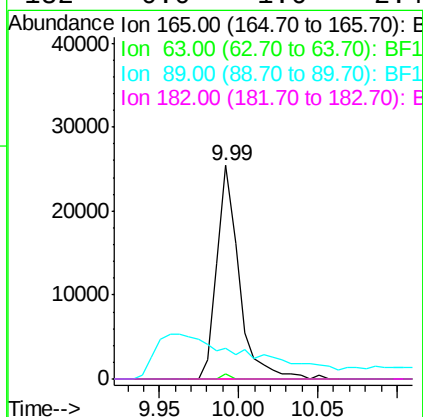
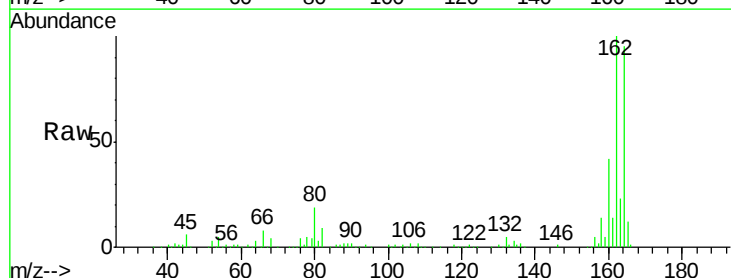
Instrument :
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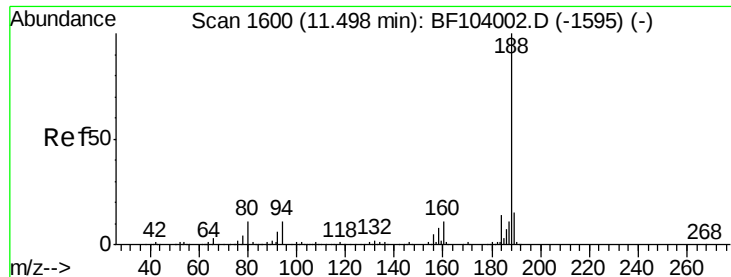
Tot Ion:165 Resp: 24800
 Ion Ratio Lower Upper
 165 100
 63 2.2 44.7 67.1#
 89 14.2 44.0 66.0#



#56
 2,4-Dinitrotoluene
 Concen: 5.771 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. -0.20 min
 Lab File: BF104098.D
 Acq: 30 Mar 2018 17:47

Tgt Ion:165 Resp: 24801
 Ion Ratio Lower Upper
 165 100
 63 2.2 36.4 54.6#
 89 14.2 57.8 86.6#
 182 0.0 1.6 2.4#

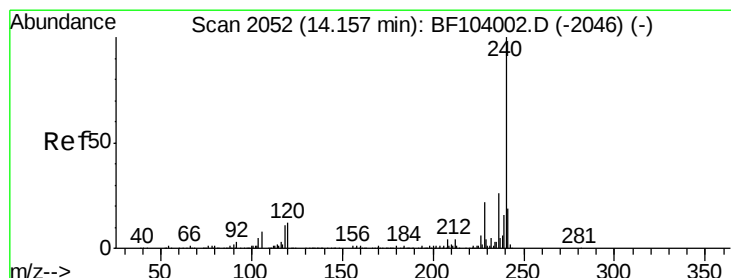
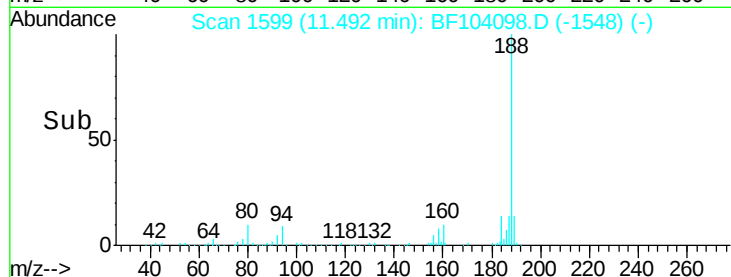
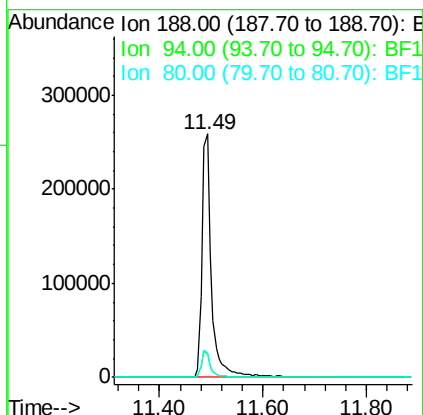
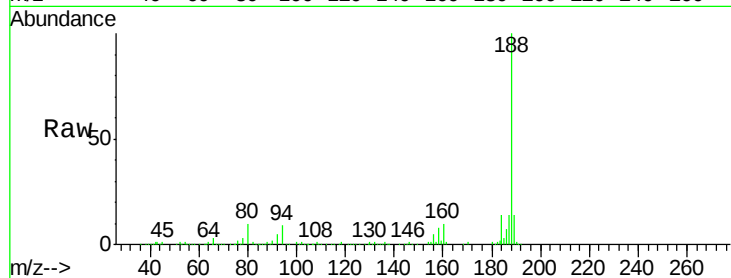




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BF104098.D
Acq: 30 Mar 2018 17:47

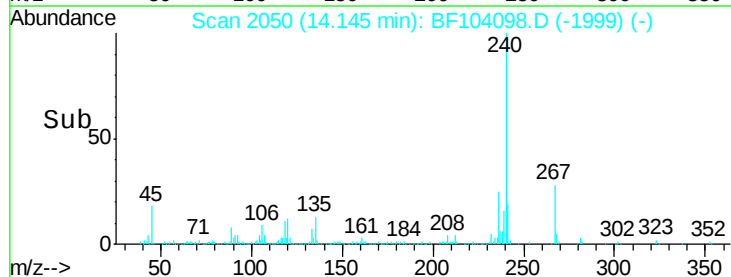
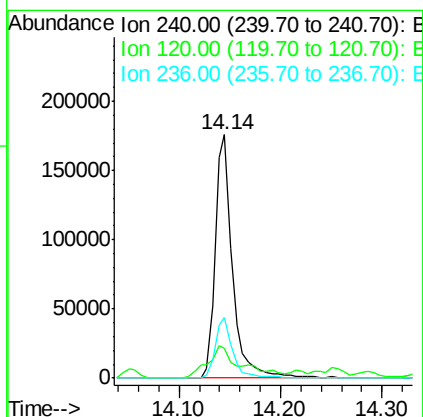
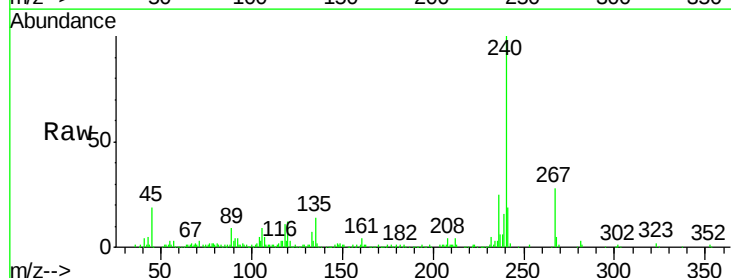
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BNA_F
ClientSampleId :

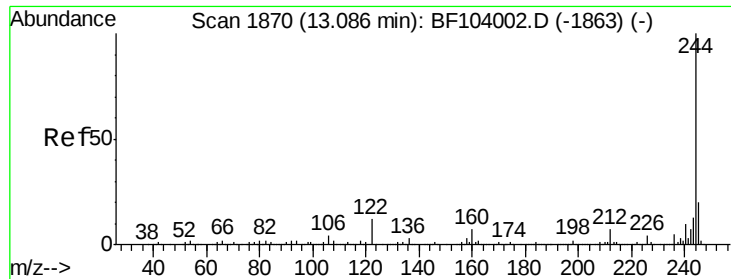
Tot Ion:188 Resp: 329349
Ion Ratio Lower Upper
188 100
94 9.4 8.5 12.7
80 10.3 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. 0.00 min
Lab File: BF104098.D
Acq: 30 Mar 2018 17:47

Tgt Ion:240 Resp: 209015
Ion Ratio Lower Upper
240 100
120 12.3 9.5 14.3
236 24.7 20.7 31.1





#78

Terphenyl-d14

Concen: 5.641 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BF104098.D

Acq: 30 Mar 2018 17:47

Instrument :

BNA_F

ClientSampleId :

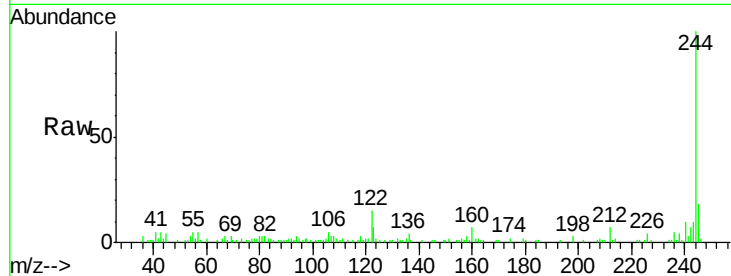
Tot Ion:244 Resp: 51065

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

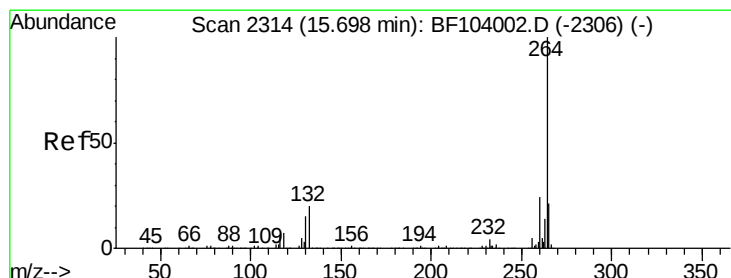
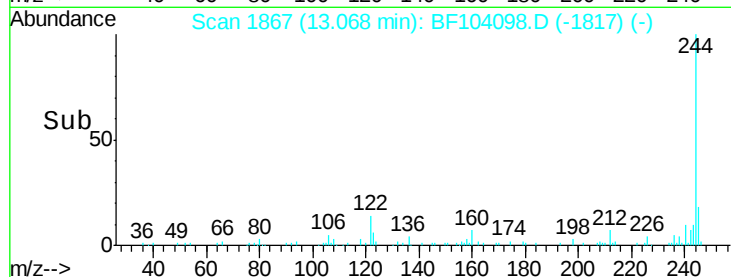
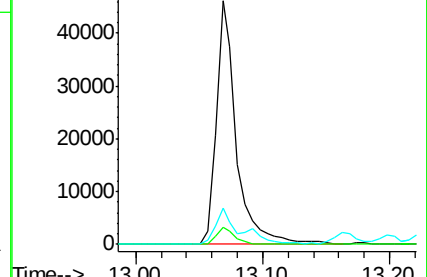
122 14.9 11.0 16.4



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: 15.69 min Scan# 2312

Delta R.T. 0.01 min

Lab File: BF104098.D

Acq: 30 Mar 2018 17:47

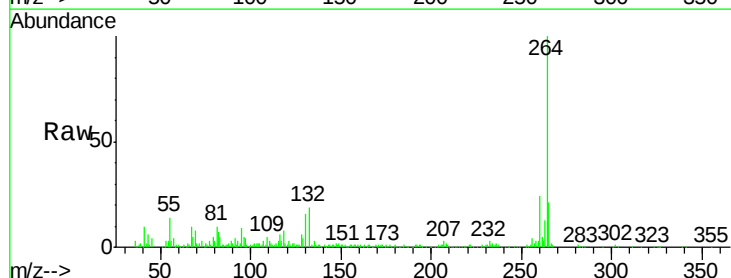
Tgt Ion:264 Resp: 204559

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 21.3 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

