

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG010318\
 Data File : BG031907.D
 Acq On : 4 Jan 2018 2:00
 Operator : SJ/JU
 Sample : J1005-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OWS-4

Quant Time: Jan 04 08:24:01 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 29 15:51:46 2017
 Response via : Initial Calibration

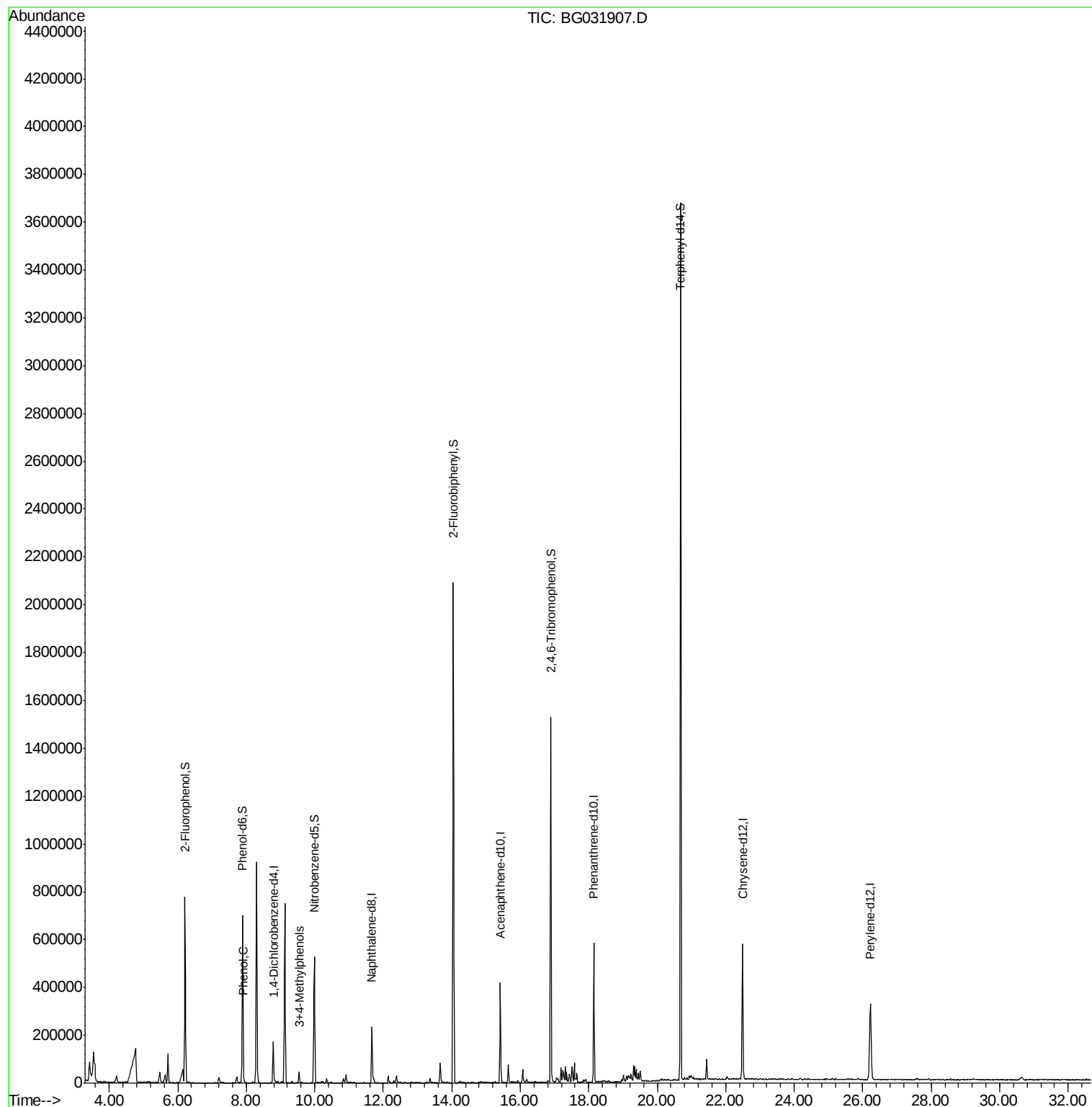
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.79	152	58989	20.00	ng	0.00
21) Naphthalene-d8	11.67	136	236694	20.00	ng	-0.01
38) Acenaphthene-d10	15.42	164	161520	20.00	ng	-0.01
63) Phenanthrene-d10	18.15	188	393729	20.00	ng	-0.01
75) Chrysene-d12	22.49	240	438377	20.00	ng	-0.02
86) Perylene-d12	26.23	264	427471	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	424900	131.20	ng	0.00
7) Phenol-d6	7.90	99	498221	118.49	ng	0.00
23) Nitrobenzene-d5	9.99	82	349743	111.58	ng	0.00
41) 2,4,6-Tribromophenol	16.89	330	372386	151.10	ng	0.00
44) 2-Fluorobiphenyl	14.05	172	1228361	95.45	ng	0.00
78) Terphenyl-d14	20.68	244	1967993	102.56	ng	-0.01
Target Compounds						
10) Phenol	7.92	94	16992	4.003	ng	92
20) 3+4-Methylphenols	9.55	107	27235	6.309	ng	85

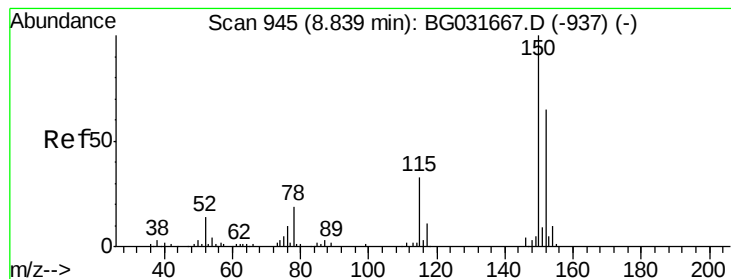
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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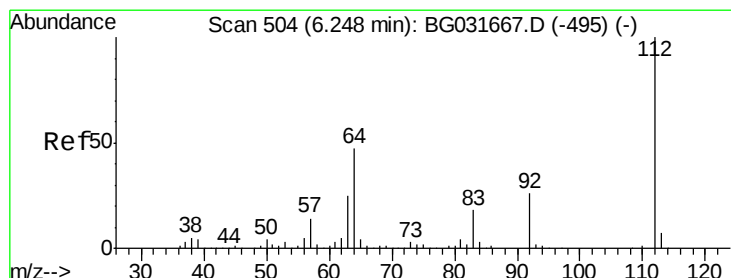
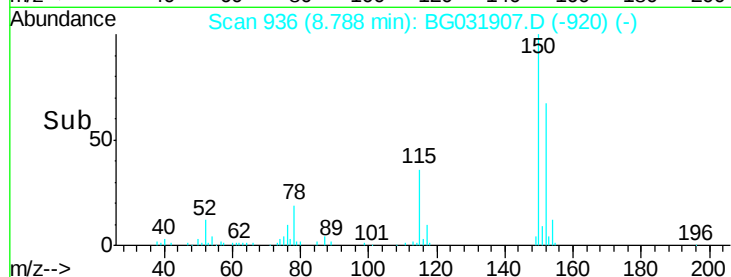
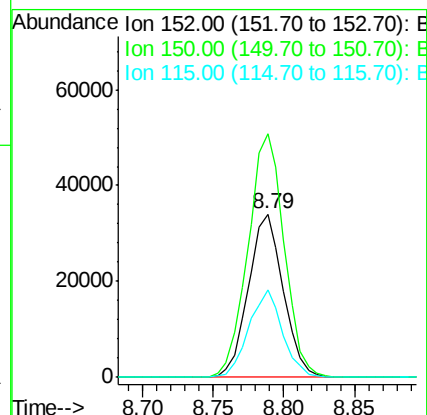
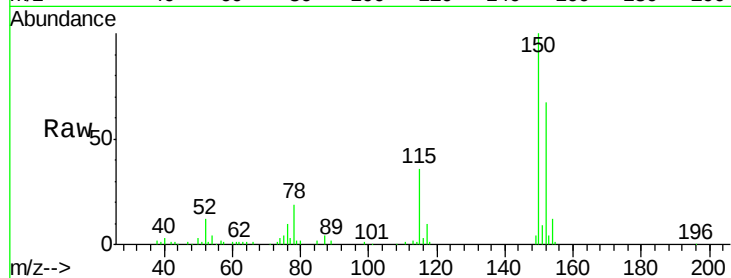


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.79 min Scan# 936
Delta R.T. -0.00 min
Lab File: BG031907.D
Acq: 4 Jan 2018 2:00

Instrument :
BNA_G
ClientSampleId :
OWS-4

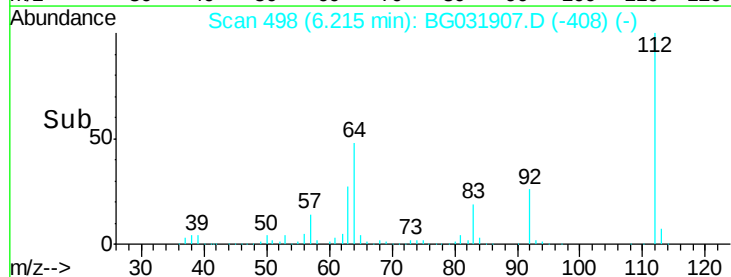
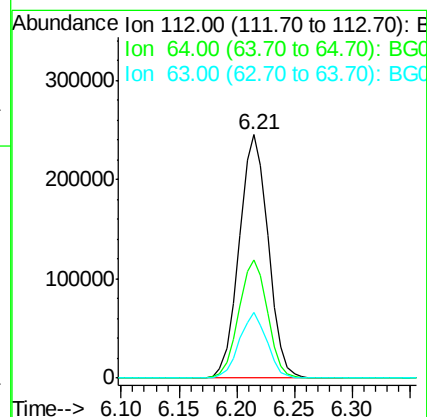
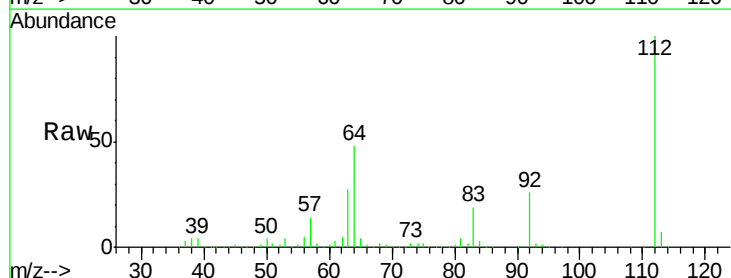
Tgt Ion:152 Resp: 58989
Ion Ratio Lower Upper
152 100
150 149.0 126.6 189.8
115 53.5 53.0 79.4

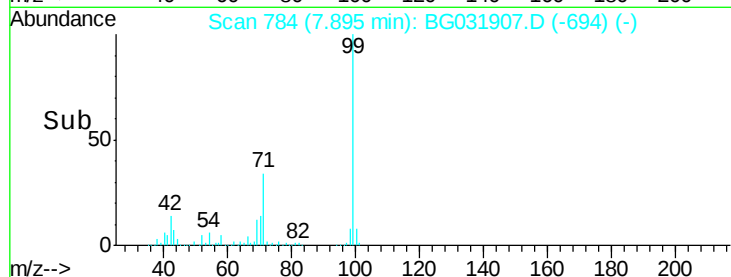
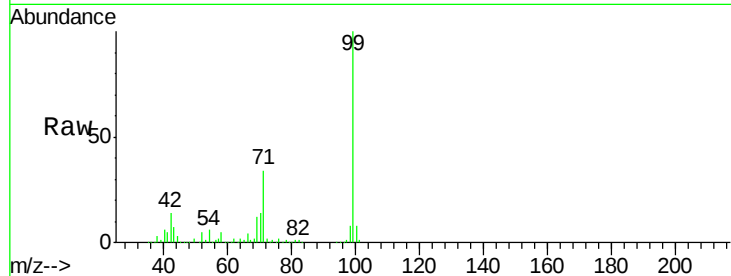
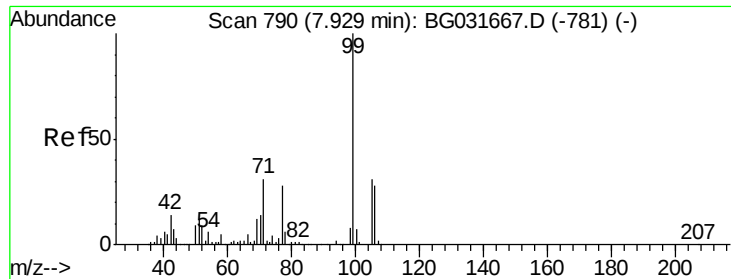


#5

2-Fluorophenol
Concen: 131.195 ng
RT: 6.21 min Scan# 498
Delta R.T. 0.00 min
Lab File: BG031907.D
Acq: 4 Jan 2018 2:00

Tgt Ion:112 Resp: 424900
Ion Ratio Lower Upper
112 100
64 48.5 56.3 84.5#
63 27.0 30.1 45.1#





#7

Phenol-d6

Concen: 118.486 ng

RT: 7.90 min Scan# 784

Delta R.T. 0.00 min

Lab File: BG031907.D

Acq: 4 Jan 2018 2:00

Instrument :

BNA_G

ClientSampleId :

OWS-4

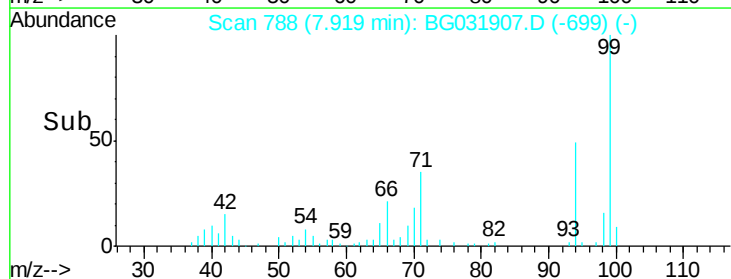
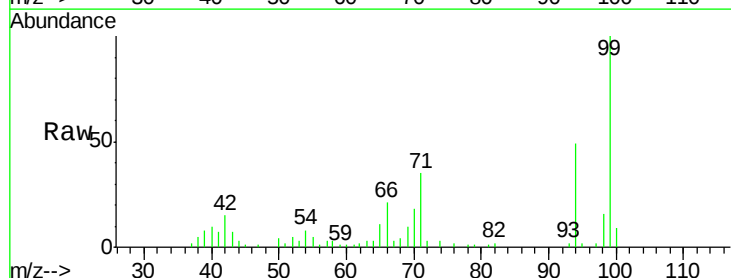
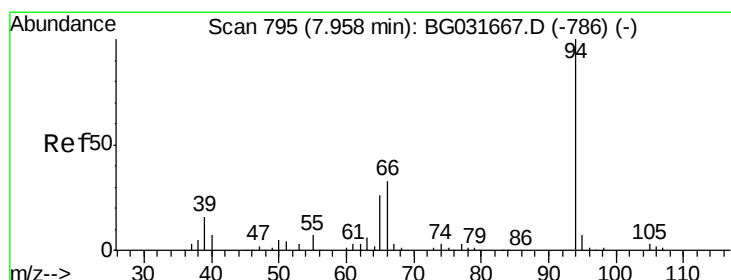
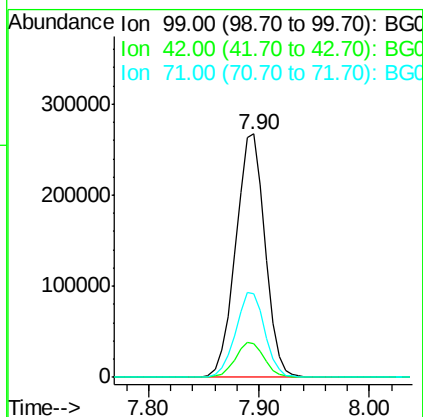
Tgt Ion: 99 Resp: 498221

Ion Ratio Lower Upper

99 100

42 14.0 14.1 21.1#

71 34.4 26.1 39.1



#10

Phenol

Concen: 4.003 ng

RT: 7.92 min Scan# 788

Delta R.T. -0.00 min

Lab File: BG031907.D

Acq: 4 Jan 2018 2:00

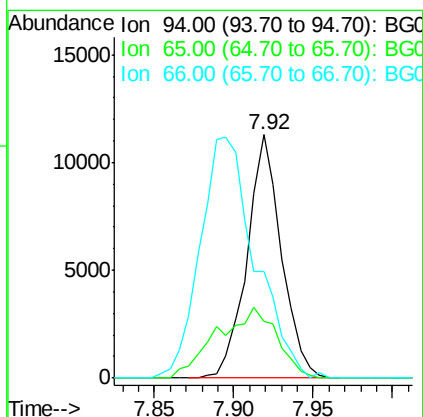
Tgt Ion: 94 Resp: 16992

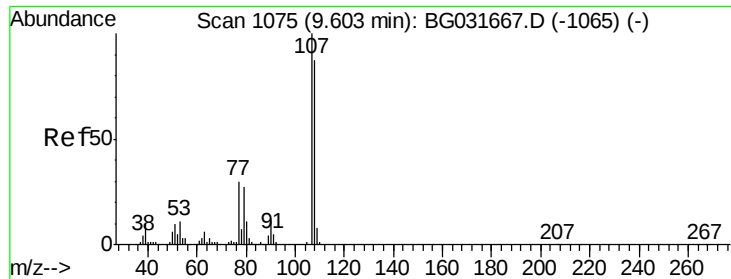
Ion Ratio Lower Upper

94 100

65 23.5 11.9 51.9

66 43.6 22.2 62.2

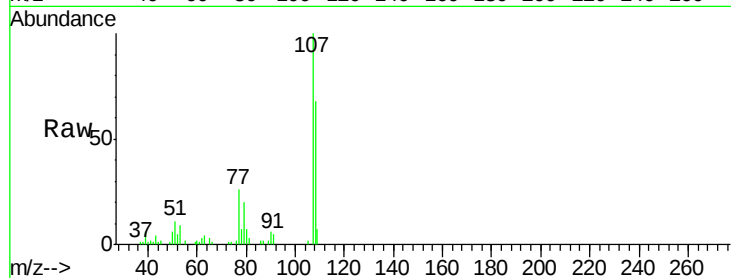




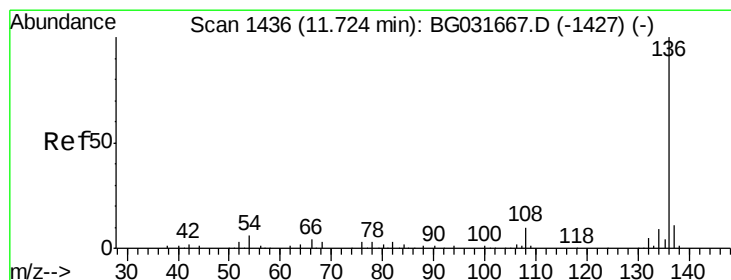
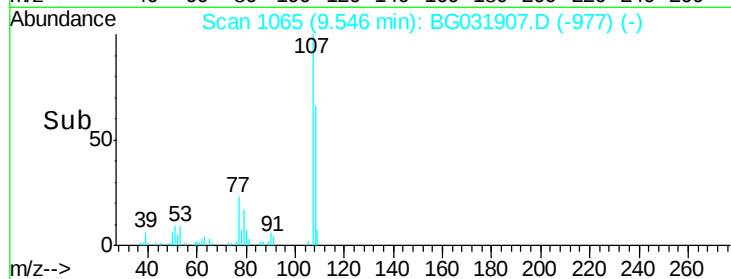
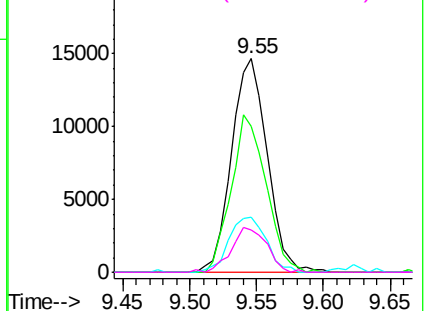
#20
3+4-Methylphenols
Concen: 6.309 ng
RT: 9.55 min Scan# 1065
Delta R.T. -0.01 min
Lab File: BG031907.D
Acq: 4 Jan 2018 2:00

Instrument :
BNA_G
ClientSampleId :
OWS-4

Tgt Ion:	107	Resp:	27235
Ion	Ratio	Lower	Upper
107	100		
108	68.1	61.6	101.6
77	25.6	13.9	53.9
79	19.7	8.8	48.8

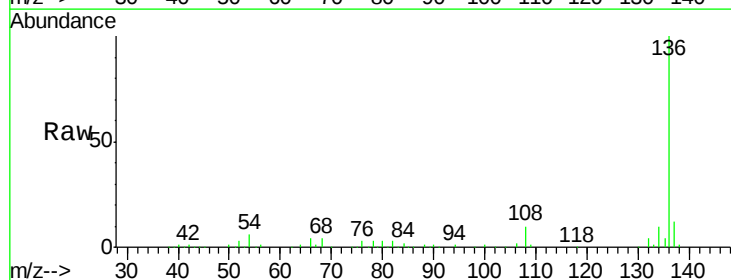


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

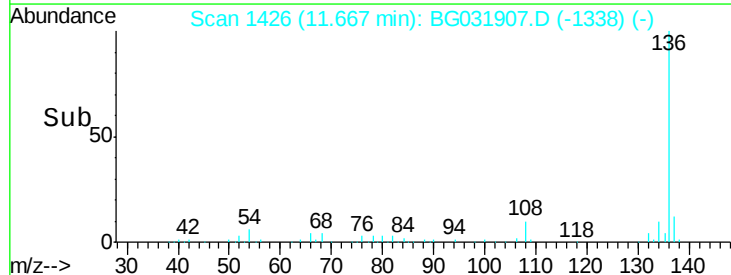
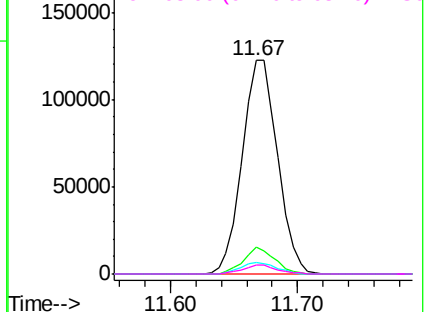


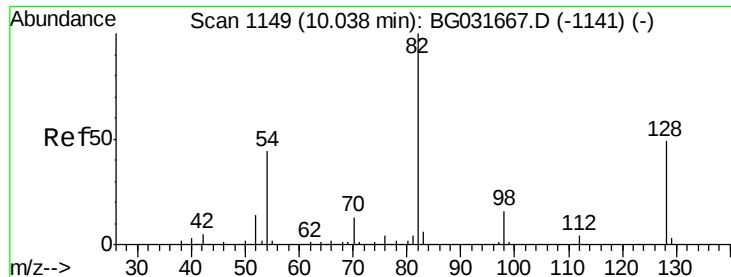
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.67 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BG031907.D
Acq: 4 Jan 2018 2:00

Tgt Ion:	136	Resp:	236694
Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.2	13.8
54	5.7	10.3	15.5#
68	4.0	4.5	6.7#



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): BGC
Ion 68.00 (67.70 to 68.70): BGC

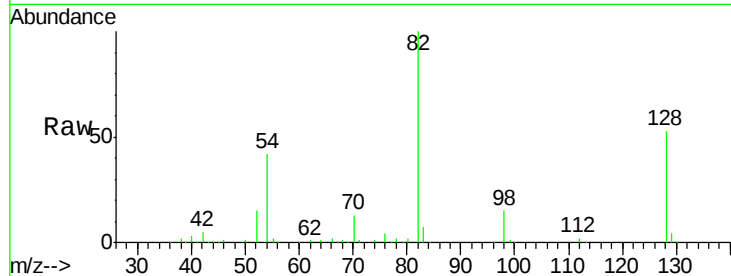




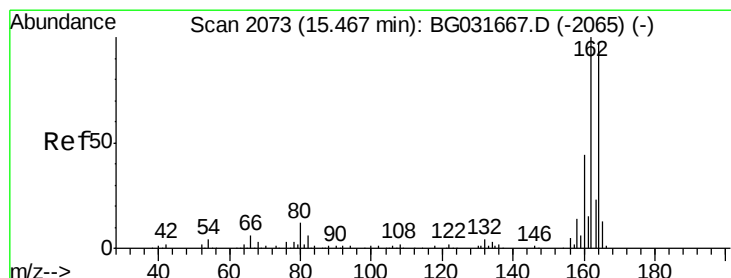
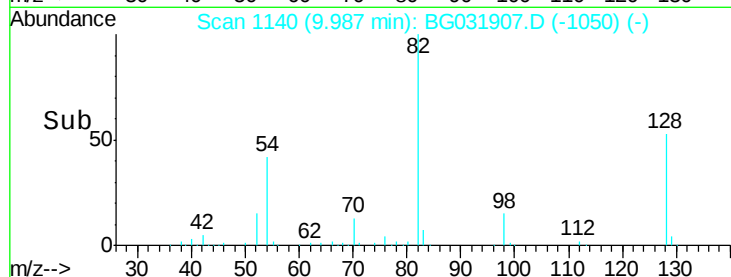
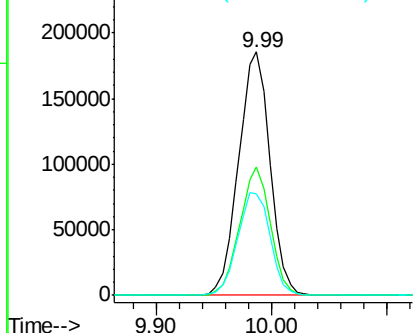
#23
 Nitrobenzene-d5
 Concen: 111.578 ng
 RT: 9.99 min Scan# 1140
 Delta R.T. 0.00 min
 Lab File: BG031907.D
 Acq: 4 Jan 2018 2:00

Instrument :
 BNA_G
 ClientSampleId :
 OWS-4

Tgt Ion: 82 Resp: 349743
 Ion Ratio Lower Upper
 82 100
 128 52.6 29.7 44.5#
 54 41.7 43.1 64.7#

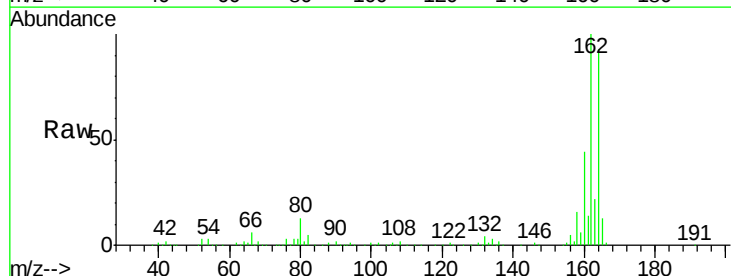


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

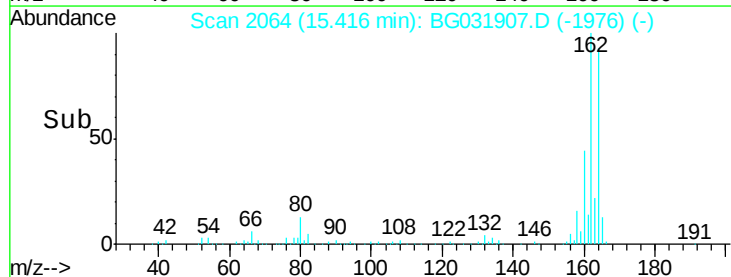
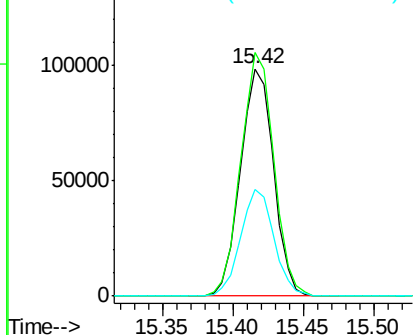


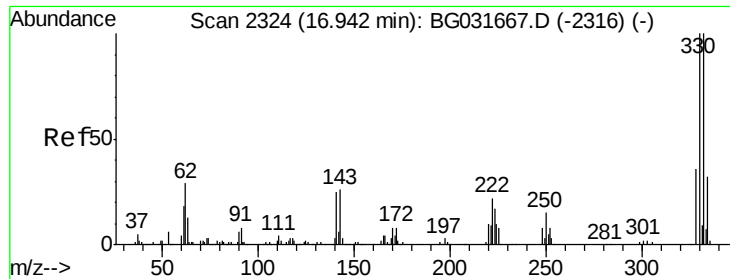
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: BG031907.D
 Acq: 4 Jan 2018 2:00

Tgt Ion: 164 Resp: 161520
 Ion Ratio Lower Upper
 164 100
 162 107.0 78.8 118.2
 160 46.7 35.4 53.0



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

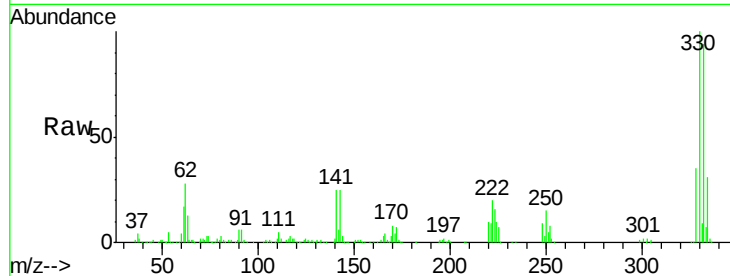




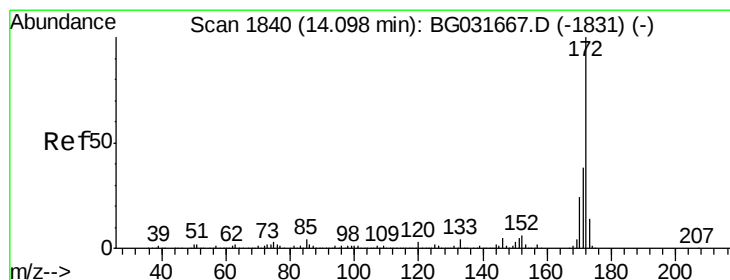
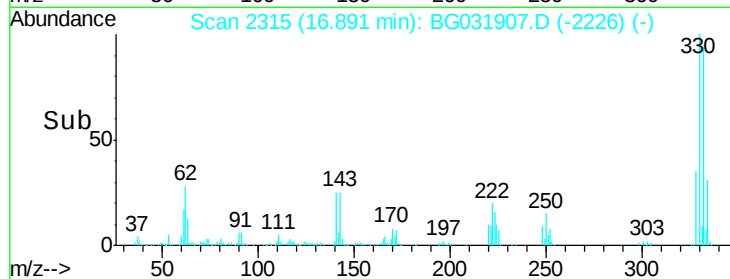
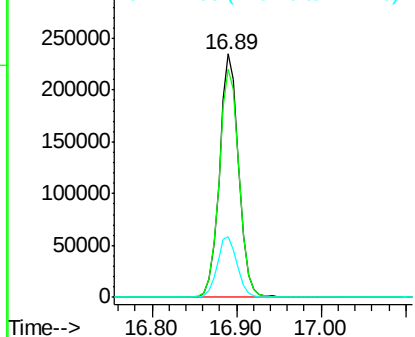
#41
 2,4,6-Tribromophenol
 Concen: 151.096 ng
 RT: 16.89 min Scan# 2315
 Delta R.T. -0.00 min
 Lab File: BG031907.D
 Acq: 4 Jan 2018 2:00

Instrument :
 BNA_G
 ClientSampleId :
 OWS-4

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	26.1	25.2	37.8

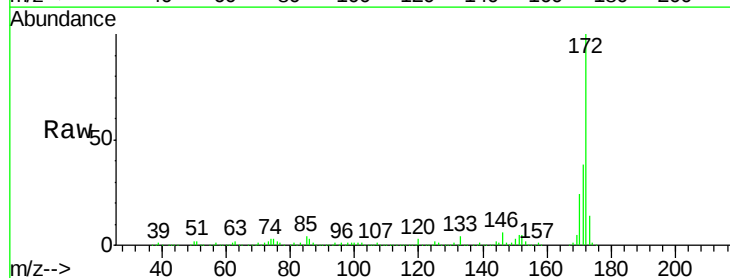


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

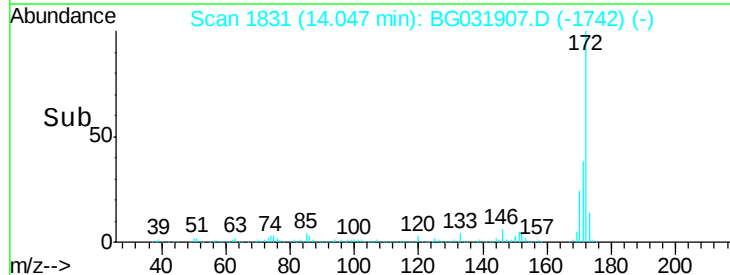
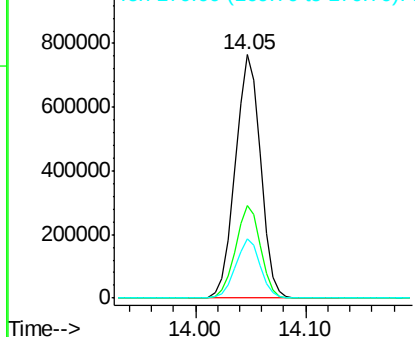


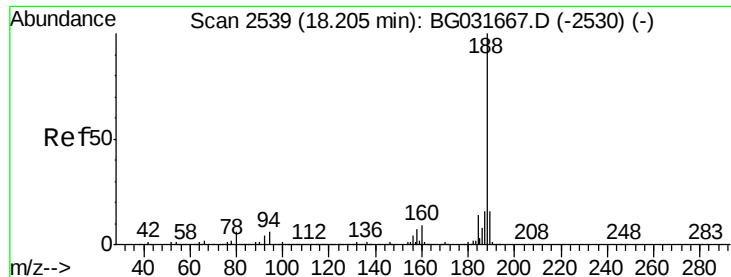
#44
 2-Fluorobiphenyl
 Concen: 95.453 ng
 RT: 14.05 min Scan# 1831
 Delta R.T. -0.00 min
 Lab File: BG031907.D
 Acq: 4 Jan 2018 2:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.0	45.0
170	24.2	19.5	29.3



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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.15 min Scan# 2529

Delta R.T. -0.01 min

Lab File: BG031907.D

Acq: 4 Jan 2018 2:00

Instrument :

BNA_G

ClientSampleId :

OWS-4

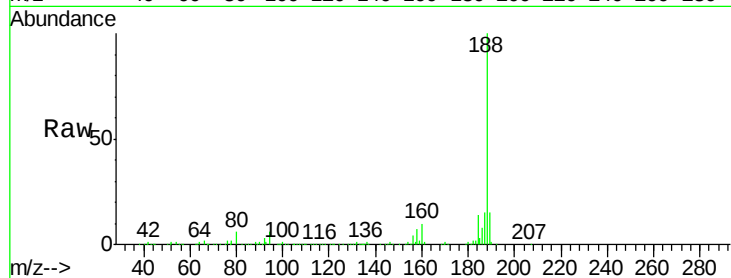
Tgt Ion:188 Resp: 393729

Ion Ratio Lower Upper

188 100

94 5.5 6.9 10.3#

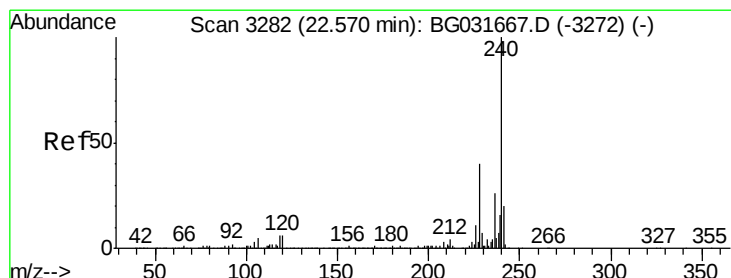
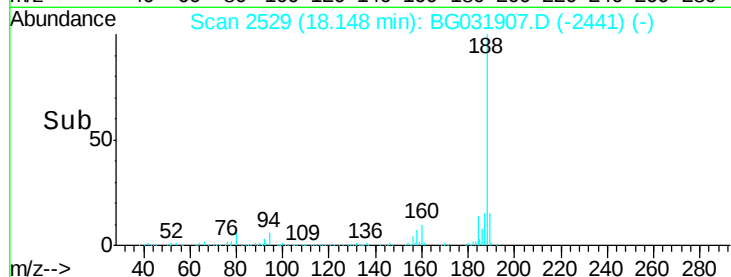
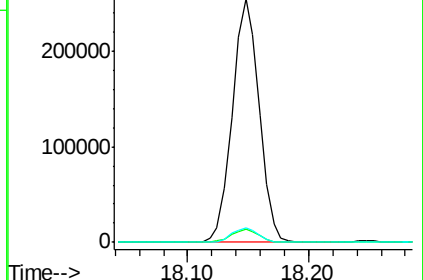
80 6.0 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.49 min Scan# 3268

Delta R.T. -0.02 min

Lab File: BG031907.D

Acq: 4 Jan 2018 2:00

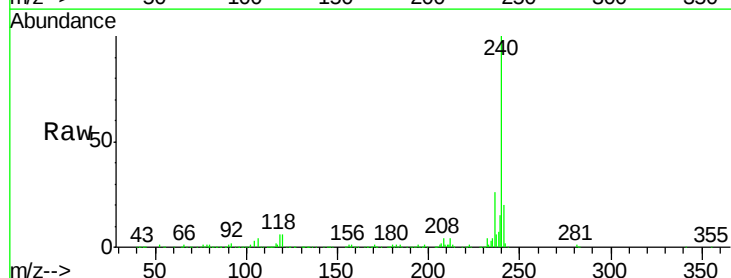
Tgt Ion:240 Resp: 438377

Ion Ratio Lower Upper

240 100

120 5.7 6.8 10.2#

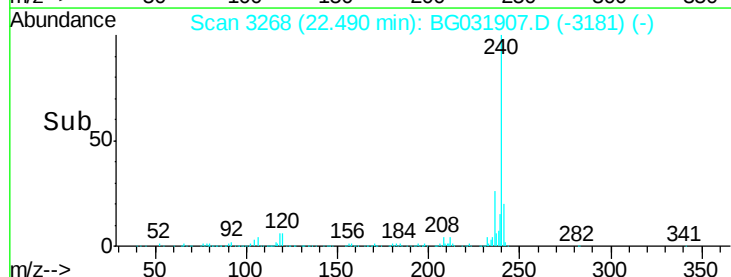
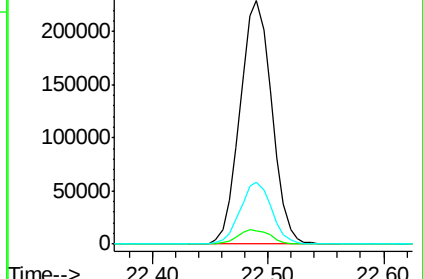
236 25.7 20.9 31.3

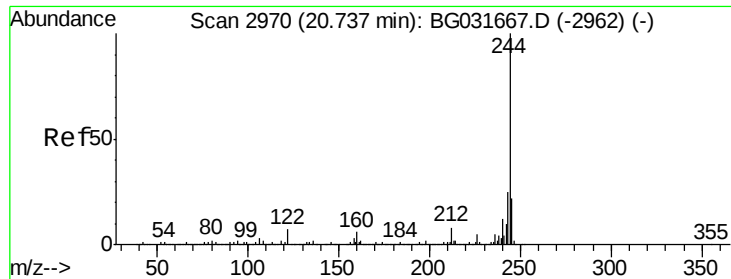


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 102.564 ng

RT: 20.68 min Scan# 2960

Delta R.T. -0.01 min

Lab File: BG031907.D

Acq: 4 Jan 2018 2:00

Instrument :

BNA_G

ClientSampleId :

OWS-4

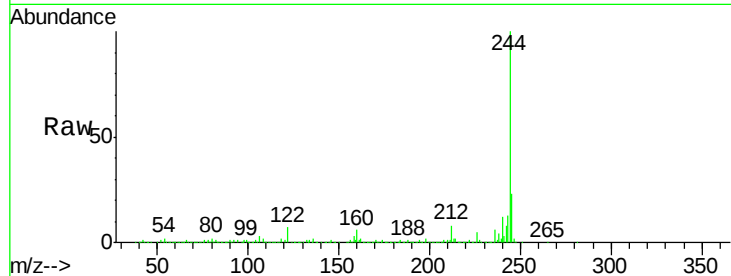
Tgt Ion:244 Resp: 1967993

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.8

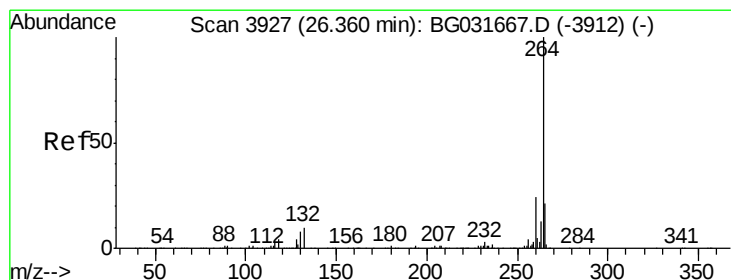
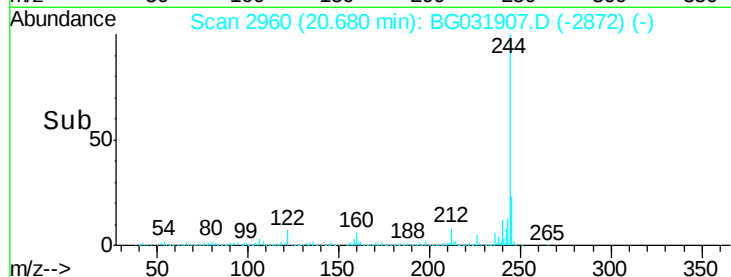
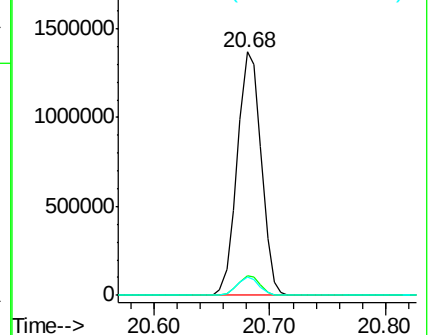
122 7.4 7.0 10.4



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: 26.23 min Scan# 3904

Delta R.T. -0.03 min

Lab File: BG031907.D

Acq: 4 Jan 2018 2:00

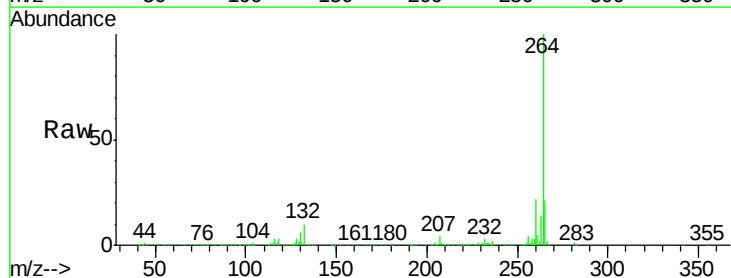
Tgt Ion:264 Resp: 427471

Ion Ratio Lower Upper

264 100

260 22.4 17.4 26.0

265 21.4 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

