

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031819\
 Data File : BG039980.D
 Acq On : 18 Mar 2019 21:54
 Operator : JU/SJ
 Sample : K1903-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TW-3

Quant Time: Mar 19 08:10:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

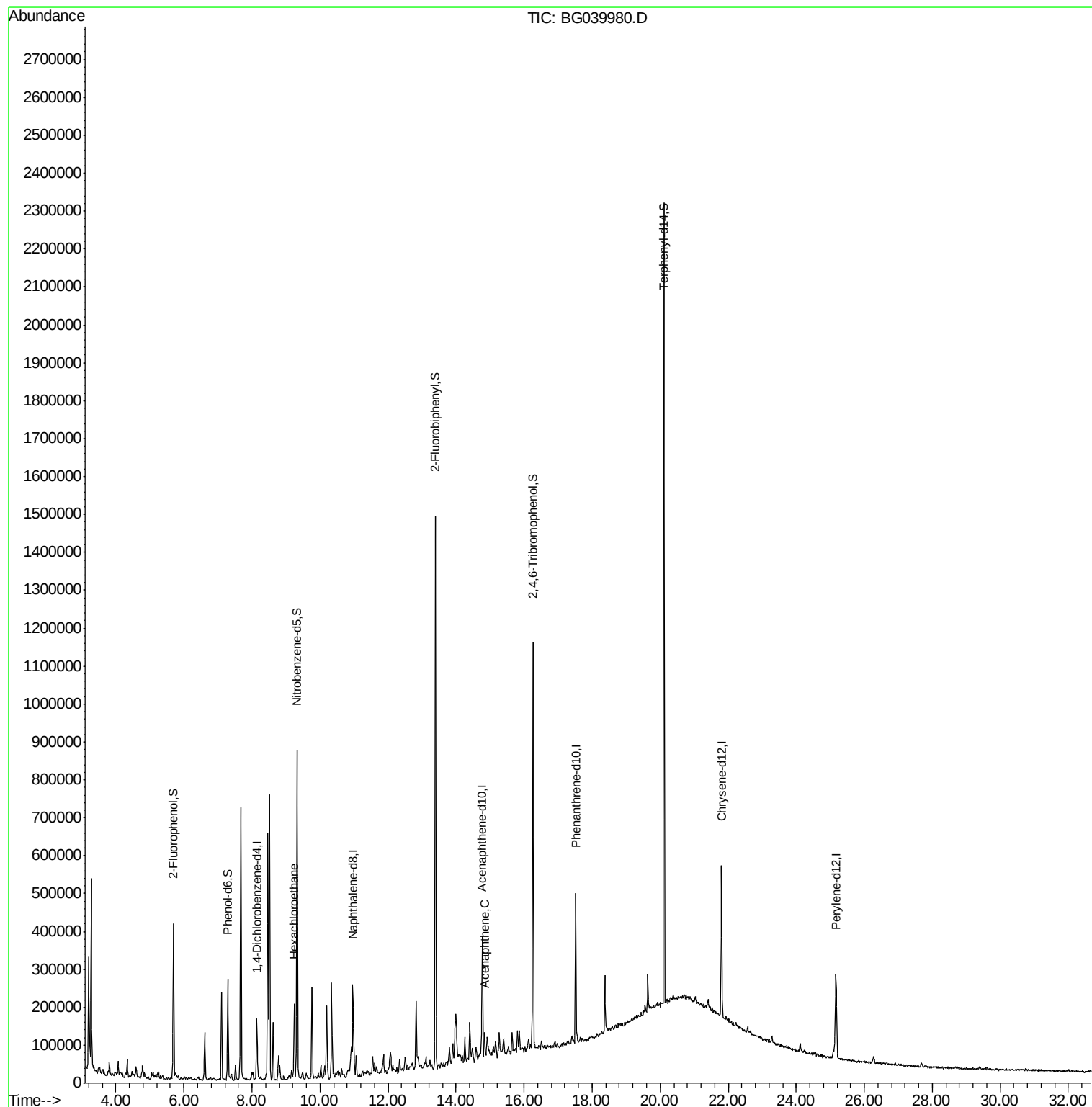
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	43260	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	174254	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	114657	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	240717	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	241631	20.00	ng	-0.02
87) Perylene-d12	25.16	264	251860	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	167671	66.12	ng	-0.02
7) Phenol-d6	7.29	99	151494	40.07	ng	-0.02
23) Nitrobenzene-d5	9.33	82	325772	101.11	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	183518	137.32	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	738102	91.66	ng	-0.02
79) Terphenyl-d14	20.11	244	982419	89.52	ng	-0.01
Target Compounds						
18) Hexachloroethane	9.25	117	54305	42.705	ng	Qvalue # 36
52) Acenaphthene	14.83	154	16978	2.422	ng	88

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.15 min Scan# 861

Delta R.T. -0.02 min

Lab File: BG039980.D

Acq: 18 Mar 2019 21:54

Instrument :

BNA_G

ClientSampleId :

TW-3

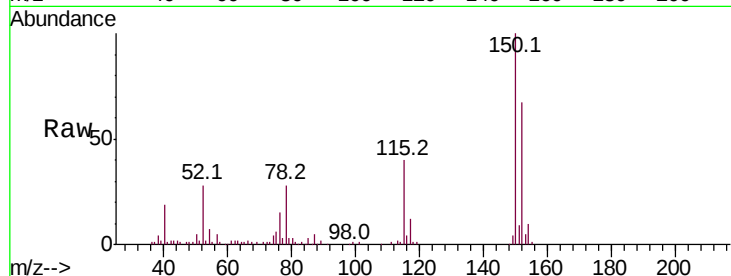
Tot Ion:152 Resp: 43260

Ion Ratio Lower Upper

152 100

150 149.1 123.7 185.5

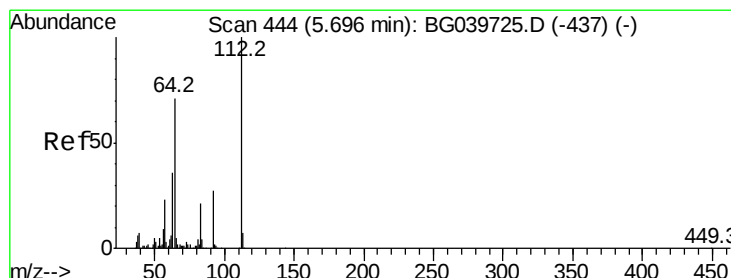
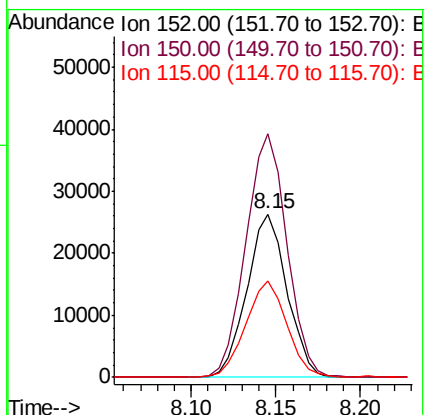
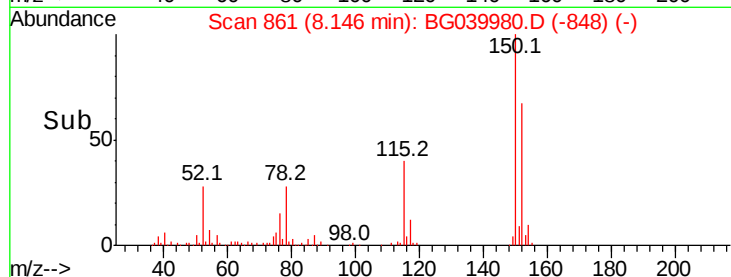
115 59.3 45.9 68.9



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: 66.123 ng

RT: 5.69 min Scan# 443

Delta R.T. -0.02 min

Lab File: BG039980.D

Acq: 18 Mar 2019 21:54

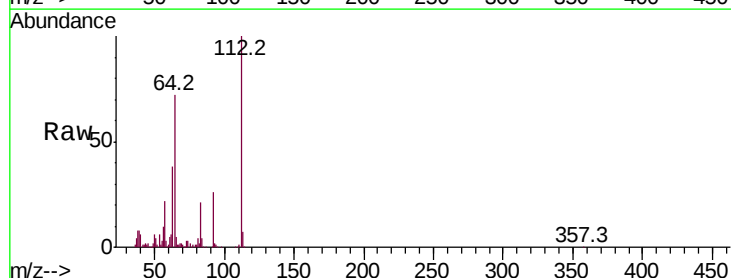
Tgt Ion:112 Resp: 167671

Ion Ratio Lower Upper

112 100

64 71.9 57.8 86.8

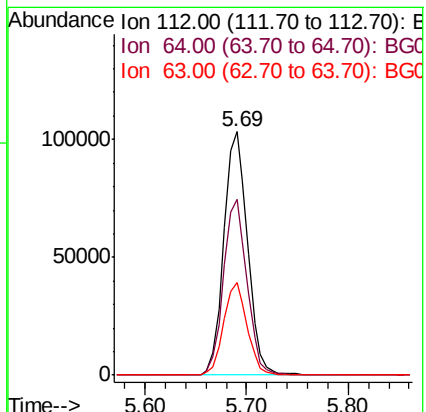
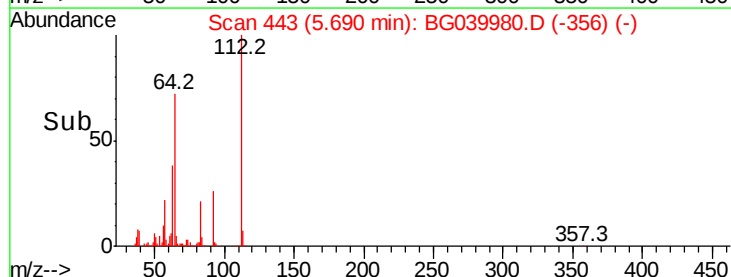
63 38.1 29.8 44.6

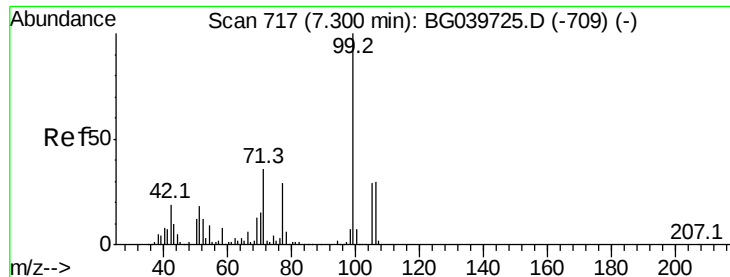


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 40.068 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG039980.D

Acq: 18 Mar 2019 21:54

Instrument :

BNA_G

ClientSampleId :

TW-3

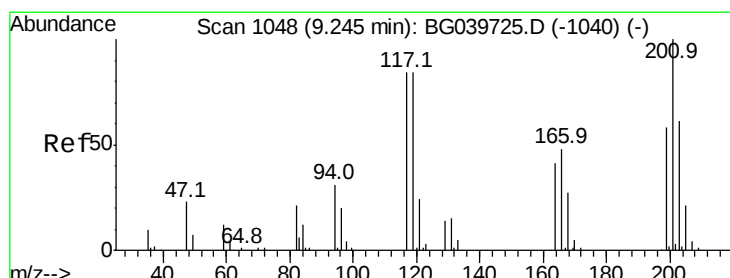
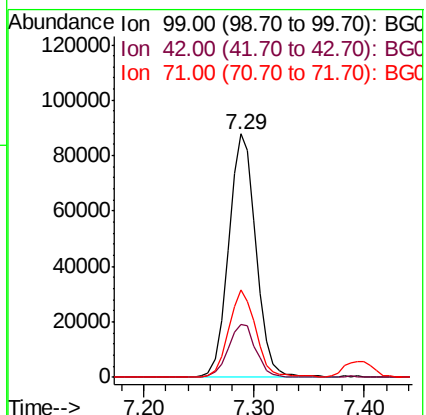
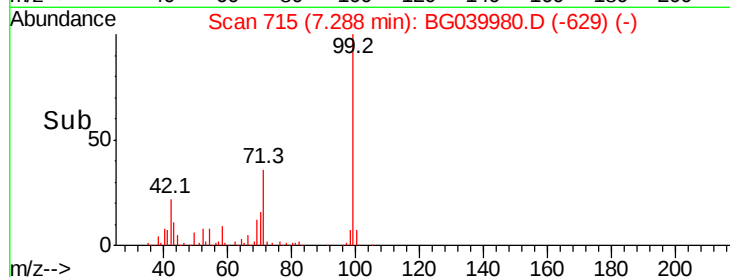
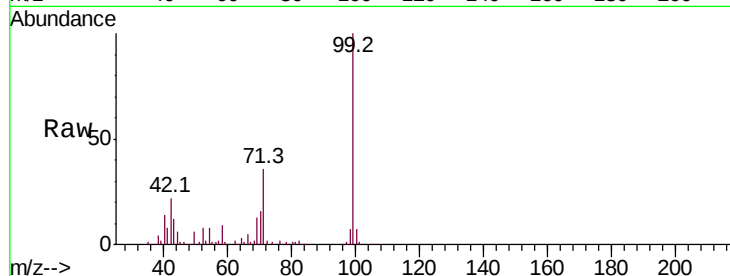
Tot Ion: 99 Resp: 151494

Ion Ratio Lower Upper

99 100

42 21.8 18.2 27.2

71 36.2 28.0 42.0



#18

Hexachloroethane

Concen: 42.705 ng

RT: 9.25 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BG039980.D

Acq: 18 Mar 2019 21:54

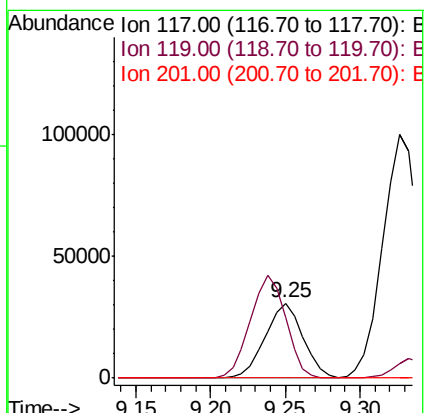
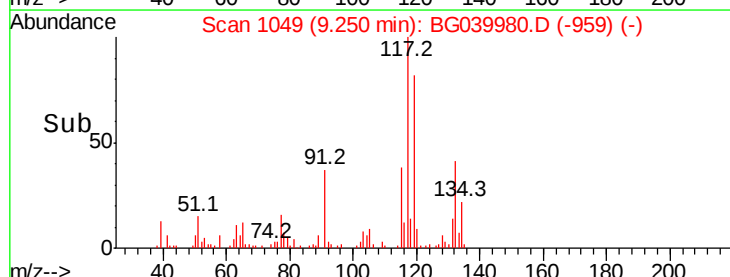
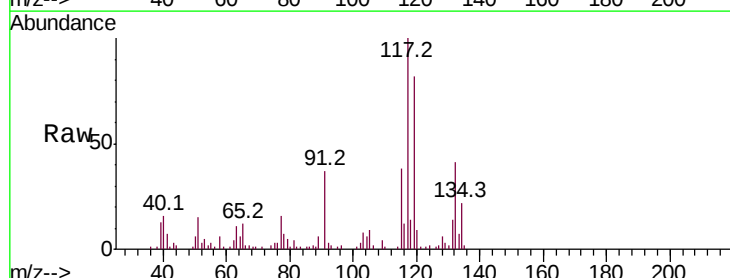
Tgt Ion: 117 Resp: 54305

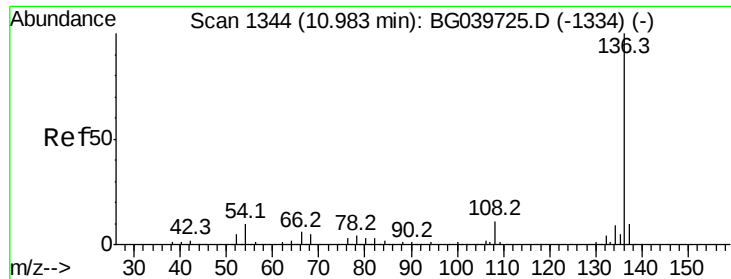
Ion Ratio Lower Upper

117 100

119 81.5 76.3 114.5

201 0.0 91.1 136.7#

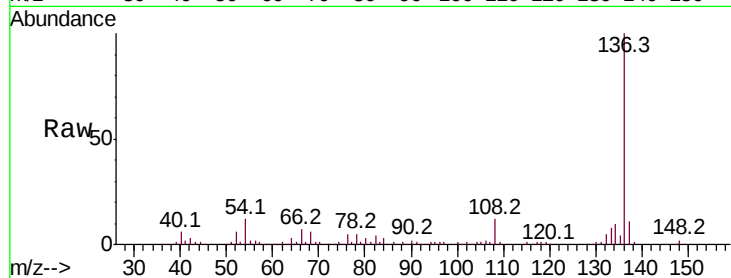




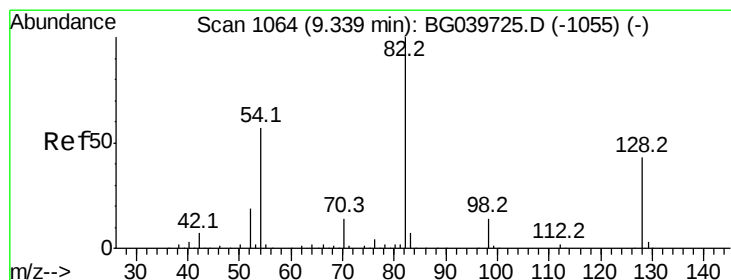
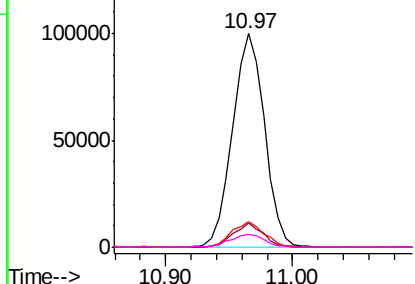
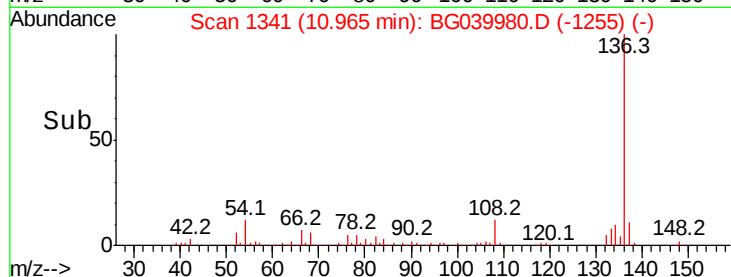
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG039980.D
Acq: 18 Mar 2019 21:54

Instrument :
BNA_G
ClientSampleId :
TW-3

Tot Ion:136	Resp:	174254	
Ion Ratio	Lower	Upper	
136 100			
137 11.2	9.1	13.7	
54 12.2	9.4	14.2	
68 5.9	4.2	6.4	

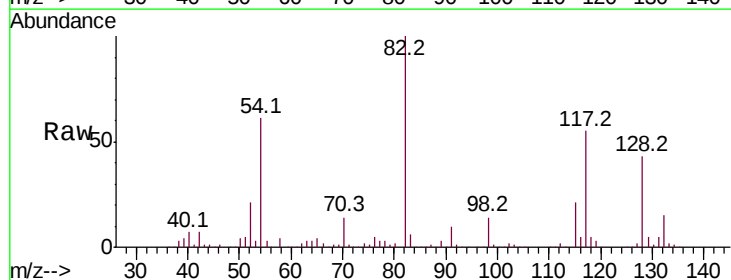


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

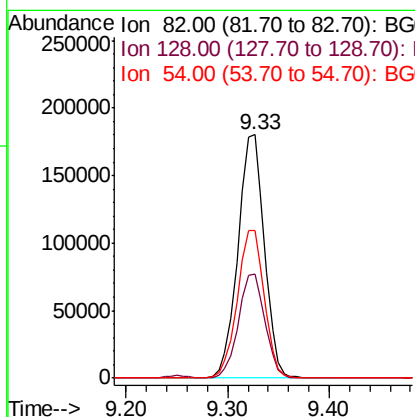
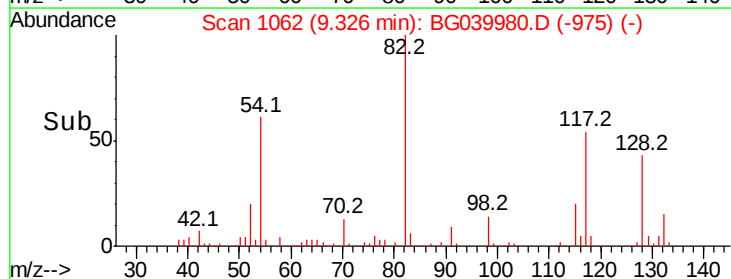


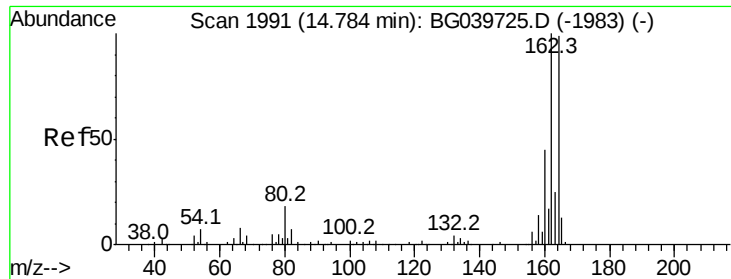
#23
Nitrobenzene-d5
Concen: 101.111 ng
RT: 9.33 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BG039980.D
Acq: 18 Mar 2019 21:54

Tgt Ion: 82	Resp: 325772
Ion Ratio	Lower Upper
82 100	
128 42.6	31.3 46.9
54 60.8	50.9 76.3



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

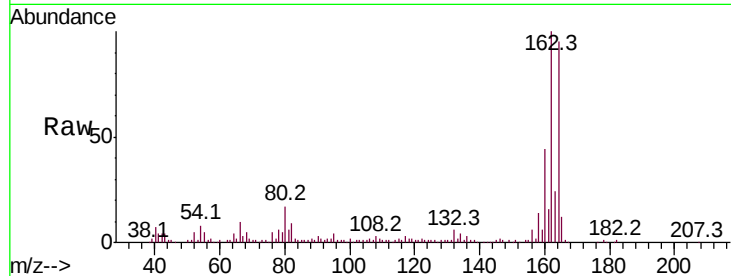




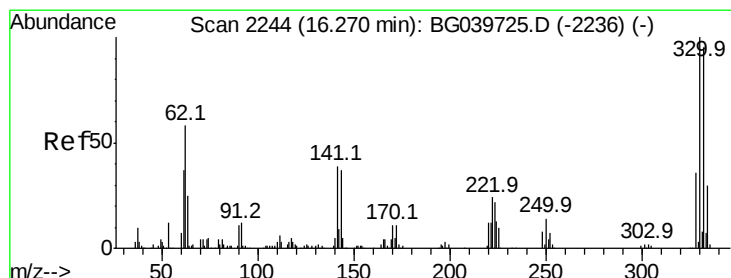
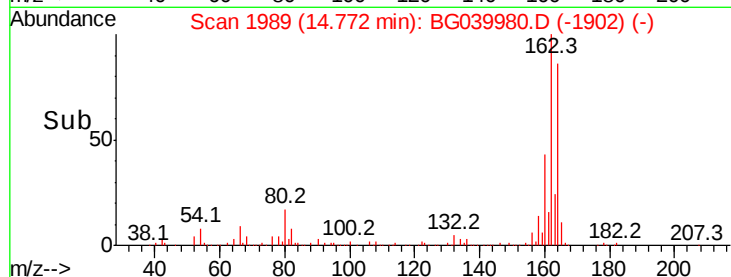
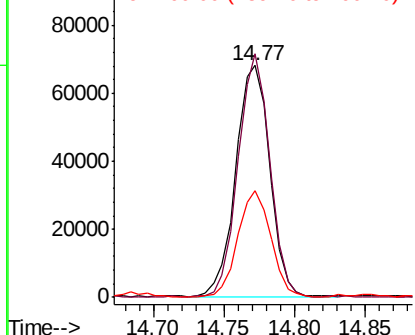
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1989
Delta R.T. -0.02 min
Lab File: BG039980.D
Acq: 18 Mar 2019 21:54

Instrument :
BNA_G
ClientSampleId :
TW-3

Tot Ion:164 Resp: 114657
Ion Ratio Lower Upper
164 100
162 105.0 81.6 122.4
160 46.2 34.2 51.2

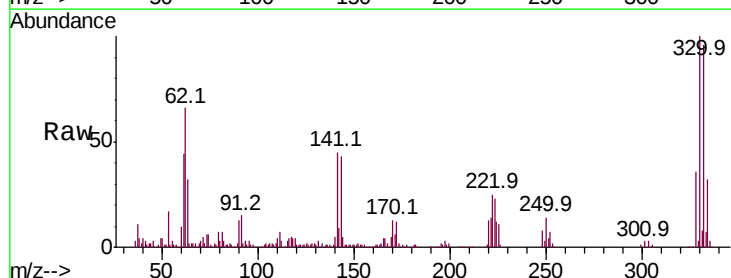


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

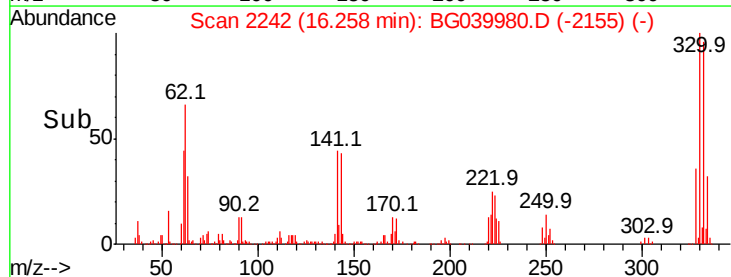
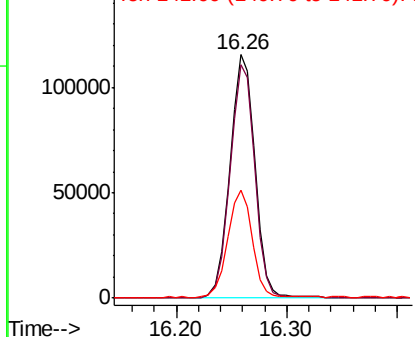


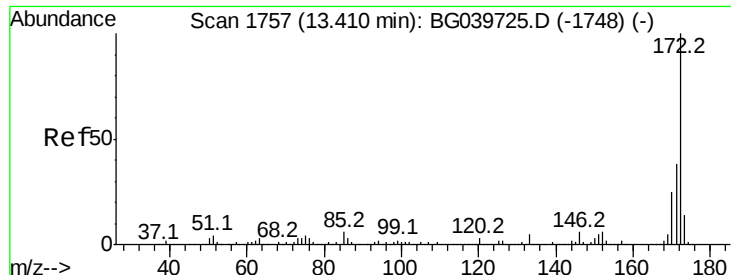
#42
2,4,6-Tribromophenol
Concen: 137.321 ng
RT: 16.26 min Scan# 2242
Delta R.T. -0.02 min
Lab File: BG039980.D
Acq: 18 Mar 2019 21:54

Tgt Ion:330 Resp: 183518
Ion Ratio Lower Upper
330 100
332 95.1 75.7 113.5
141 43.2 35.6 53.4



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

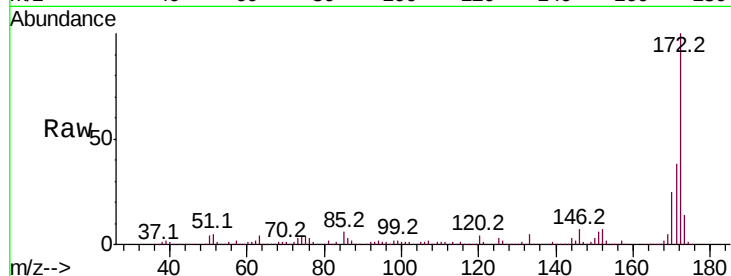




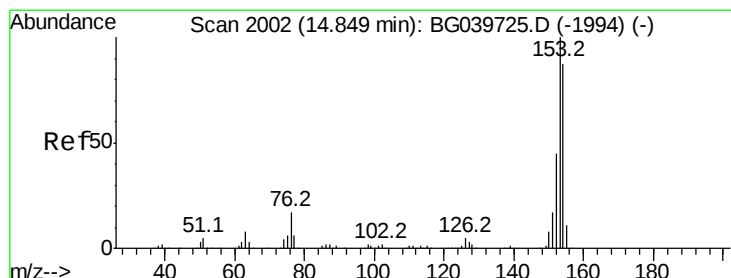
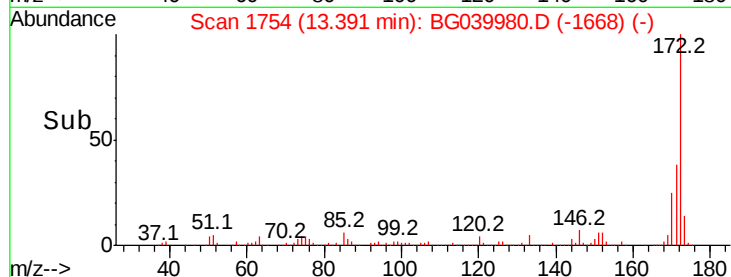
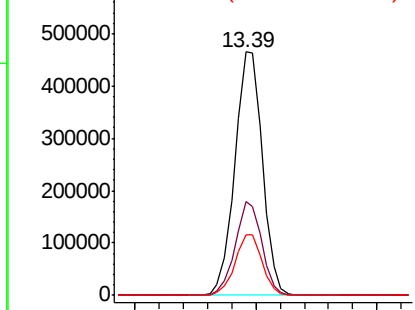
#45
 2-Fluorobiphenyl
 Concen: 91.659 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG039980.D
 Acq: 18 Mar 2019 21:54

Instrument :
 BNA_G
 ClientSampleId :
 TW-3

Tot Ion:172	Resp:	738102
Ion	Ratio	Lower Upper
172	100	
171	38.3	30.8 46.2
170	24.9	20.2 30.4

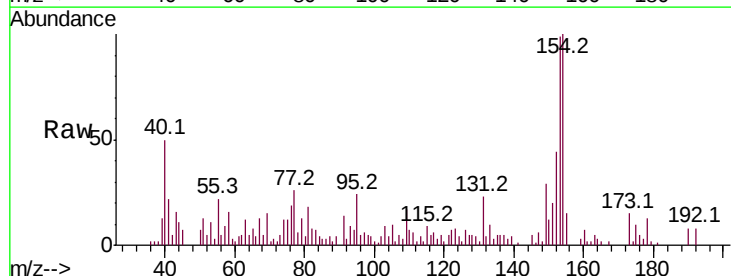


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

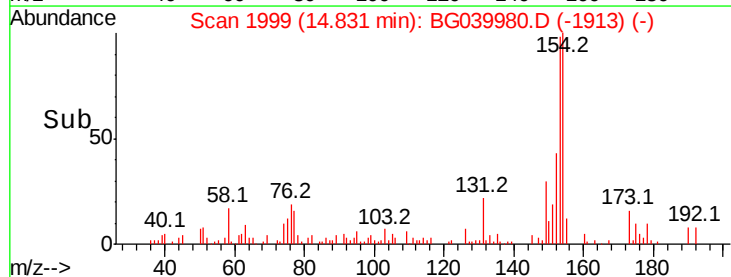
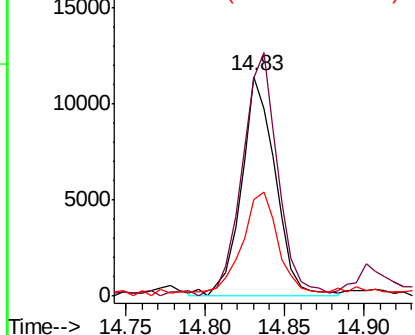


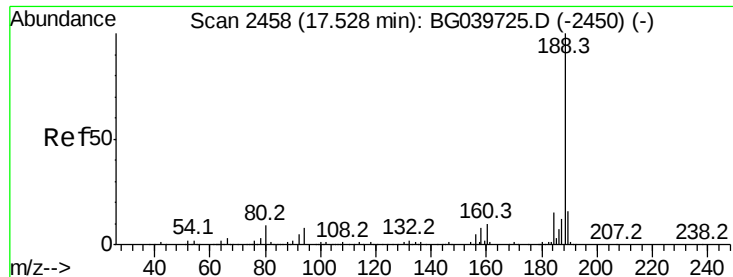
#52
 Acenaphthene
 Concen: 2.422 ng
 RT: 14.83 min Scan# 1999
 Delta R.T. -0.02 min
 Lab File: BG039980.D
 Acq: 18 Mar 2019 21:54

Tgt Ion:154	Resp:	16978
Ion	Ratio	Lower Upper
154	100	
153	99.4	90.1 135.1
152	43.8	40.9 61.3



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.52 min Scan# 2456

Delta R.T. -0.02 min

Lab File: BG039980.D

Acq: 18 Mar 2019 21:54

Instrument :

BNA_G

ClientSampleId :

TW-3

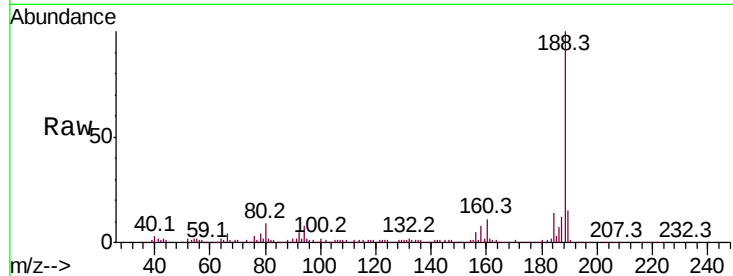
Tot Ion:188 Resp: 240717

Ion Ratio Lower Upper

188 100

94 7.8 6.9 10.3

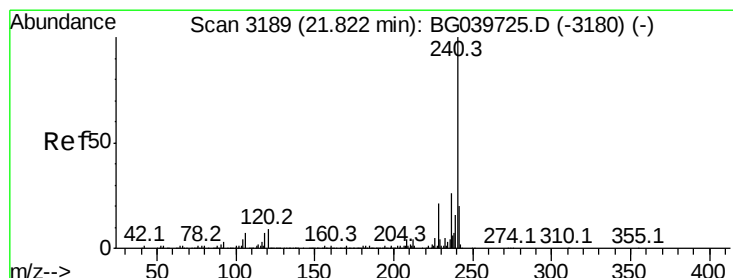
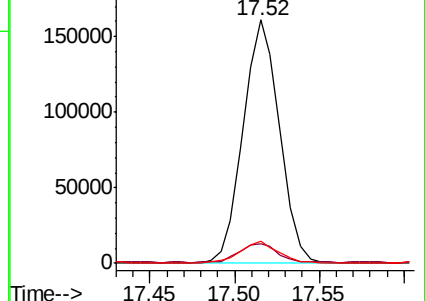
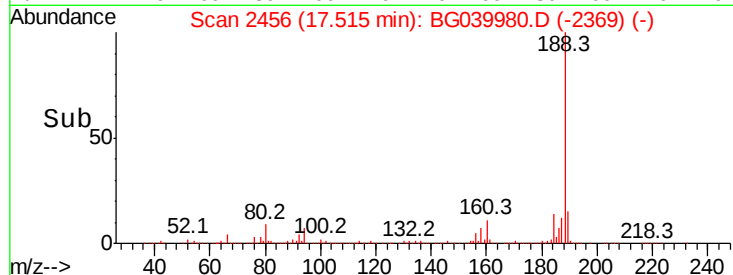
80 9.2 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3186

Delta R.T. -0.02 min

Lab File: BG039980.D

Acq: 18 Mar 2019 21:54

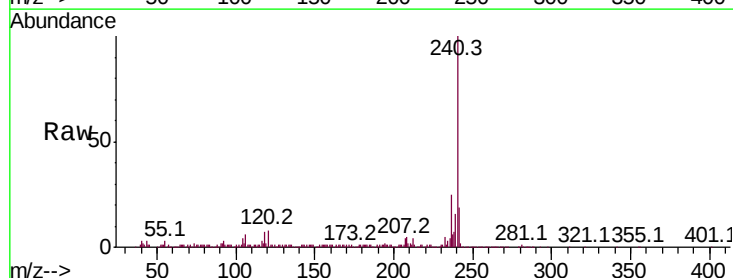
Tgt Ion:240 Resp: 241631

Ion Ratio Lower Upper

240 100

120 8.1 7.0 10.6

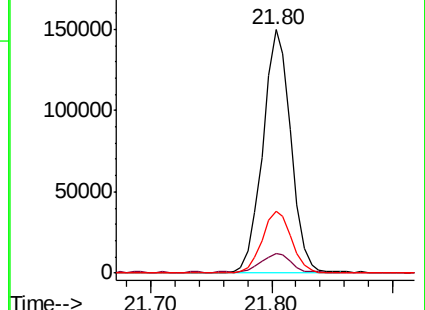
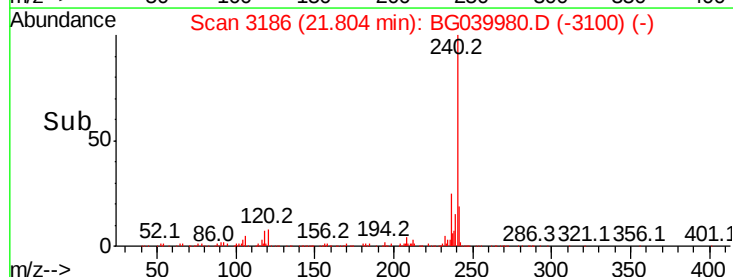
236 25.4 21.0 31.4

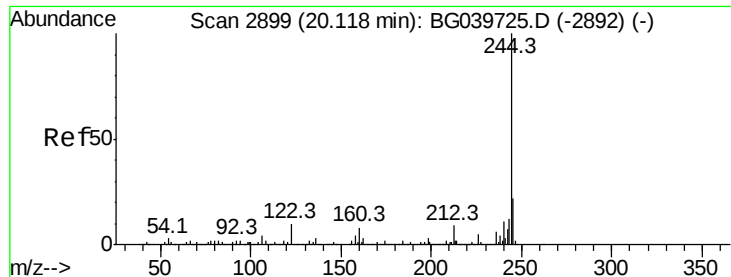


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 89.521 ng

RT: 20.11 min Scan# 2898

Delta R.T. -0.01 min

Lab File: BG039980.D

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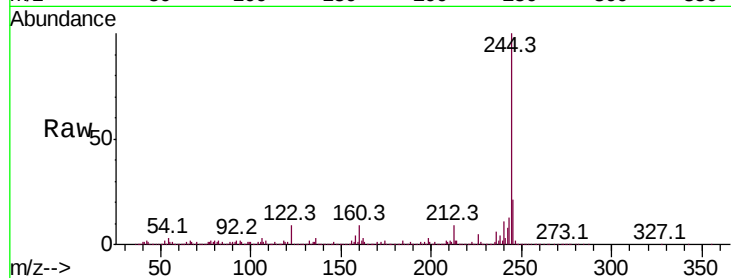
Tot Ion:244 Resp: 982419

Ion Ratio Lower Upper

244 100

212 9.2 7.3 10.9

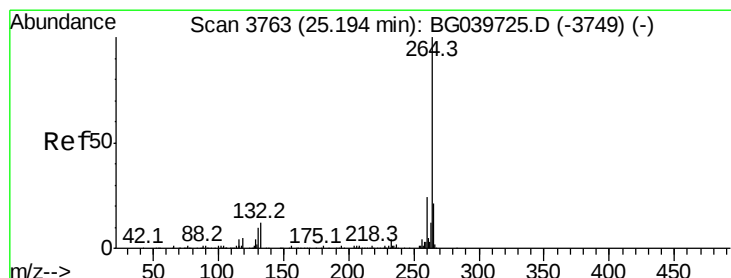
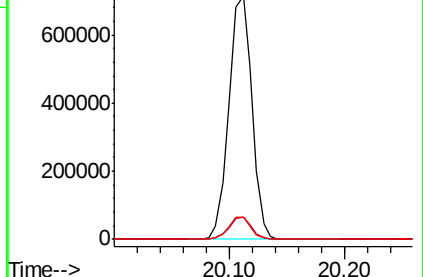
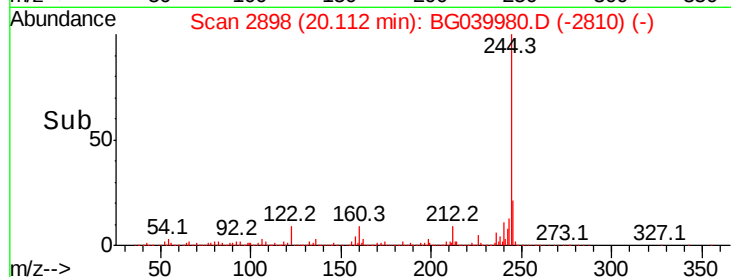
122 9.0 8.4 12.6



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.16 min Scan# 3758

Delta R.T. -0.04 min

Lab File: BG039980.D

Acq: 18 Mar 2019 21:54

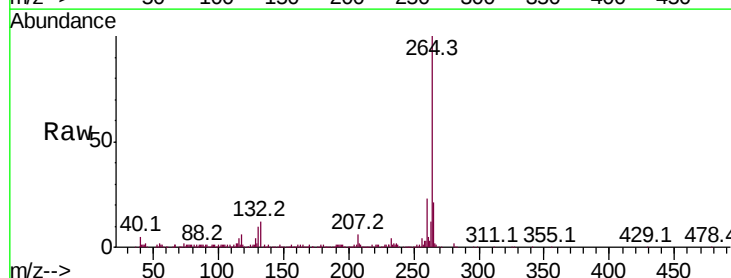
Tgt Ion:264 Resp: 251860

Ion Ratio Lower Upper

264 100

260 23.1 18.2 27.4

265 20.9 18.5 27.7



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

