

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032119\
 Data File : BG040075.D
 Acq On : 21 Mar 2019 21:10
 Operator : JU/SJ
 Sample : K1989-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DRUM-1-2

Quant Time: Mar 22 05:58:53 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

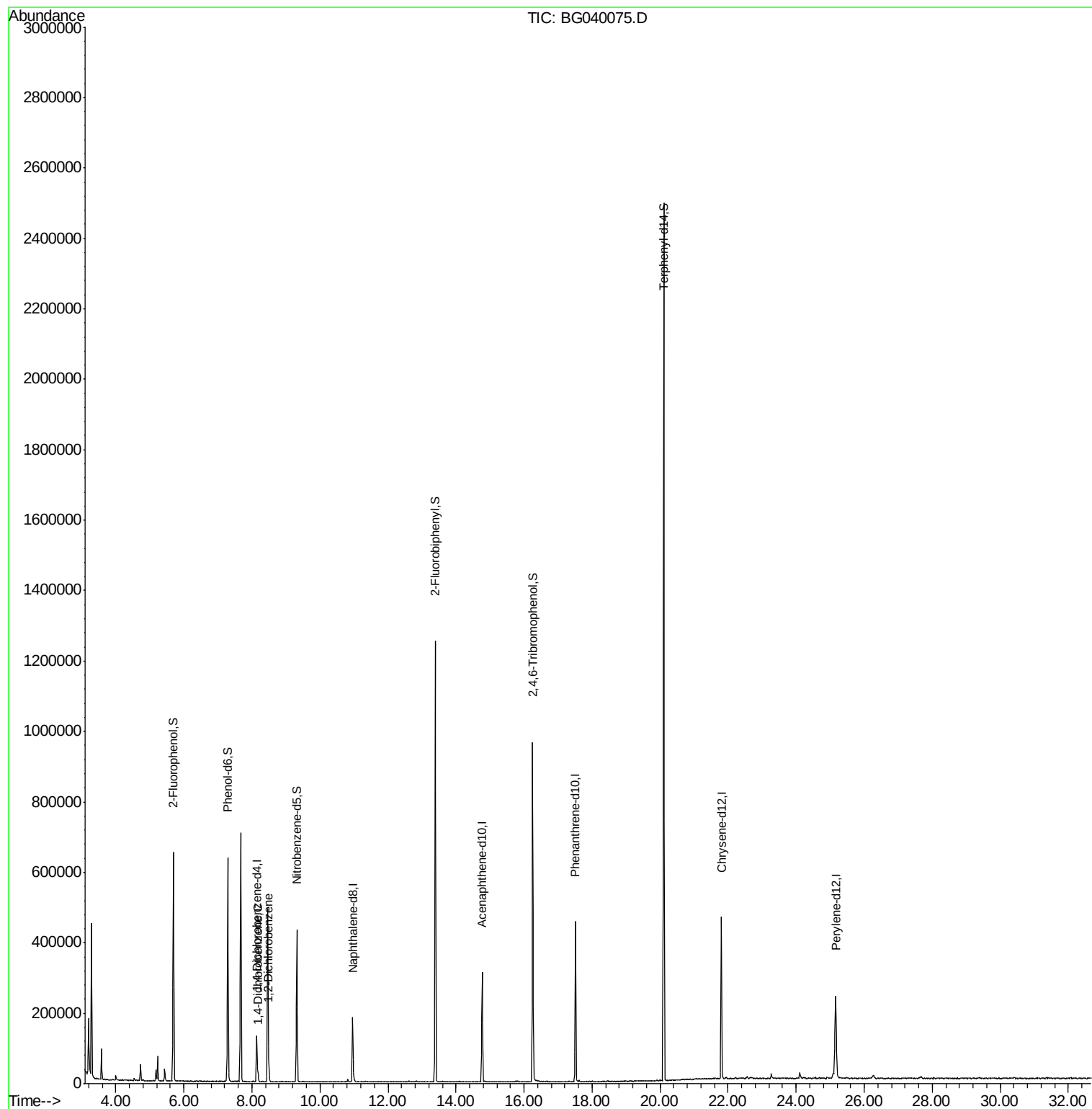
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	35455	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	154764	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	109934	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	281822	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	279801	20.00	ng	-0.03
87) Perylene-d12	25.16	264	282322	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	276188	132.89	ng	-0.02
7) Phenol-d6	7.29	99	362960	117.13	ng	-0.02
23) Nitrobenzene-d5	9.32	82	265049	92.62	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	169119	131.98	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	664431	86.05	ng	-0.03
79) Terphenyl-d14	20.11	244	1154653	90.86	ng	-0.02
Target Compounds						Qvalue
13) 1,4-Dichlorobenzene	8.18	146	14543	5.007	ng	95
14) 1,2-Dichlorobenzene	8.49	146	20740	7.390	ng	97

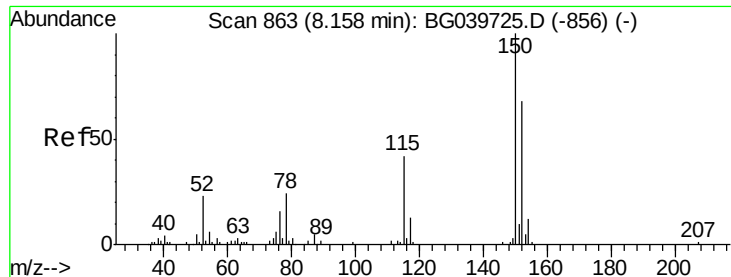
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 860

Delta R.T. -0.03 min

Lab File: BG040075.D

Acq: 21 Mar 2019 21:10

Instrument :

BNA_G

ClientSampleId :

DRUM-1-2

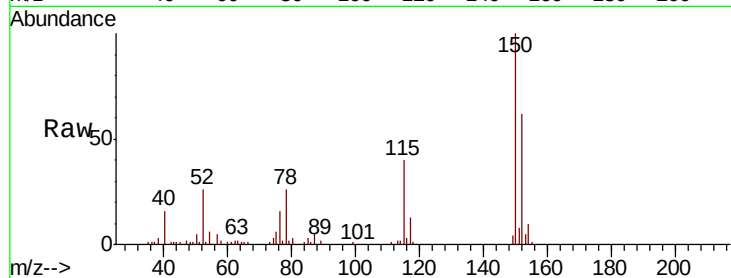
Tot Ion:152 Resp: 35455

Ion Ratio Lower Upper

152 100

150 160.9 123.7 185.5

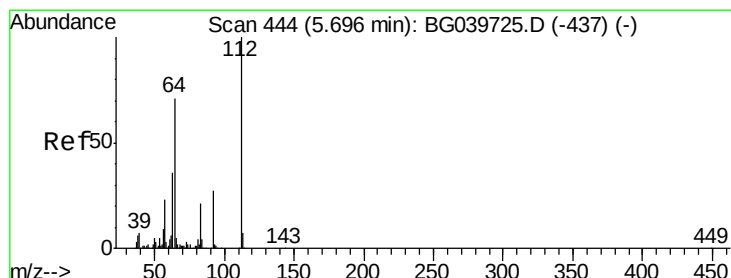
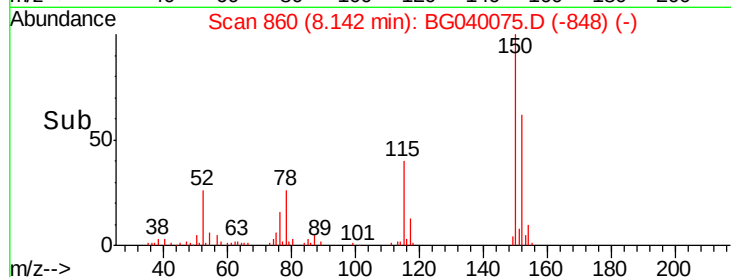
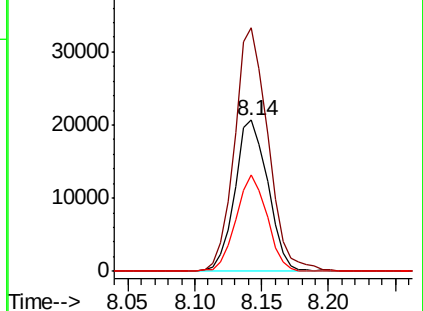
115 63.7 45.9 68.9



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: 132.895 ng

RT: 5.69 min Scan# 442

Delta R.T. -0.02 min

Lab File: BG040075.D

Acq: 21 Mar 2019 21:10

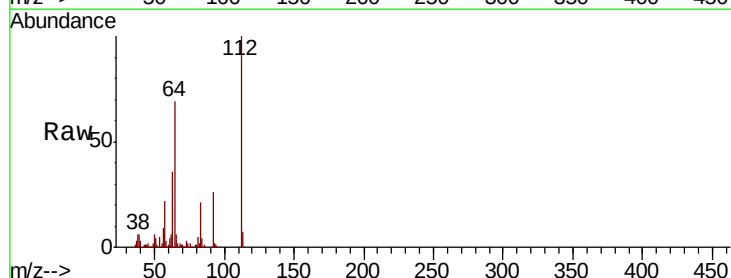
Tgt Ion:112 Resp: 276188

Ion Ratio Lower Upper

112 100

64 69.0 57.8 86.8

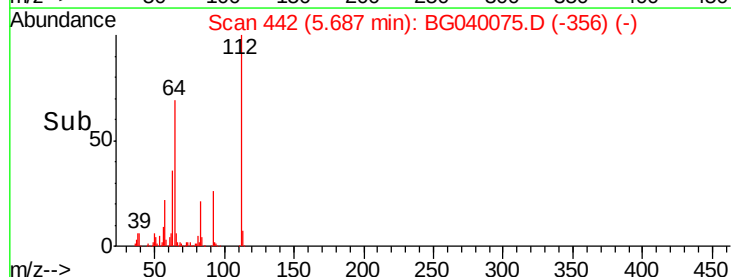
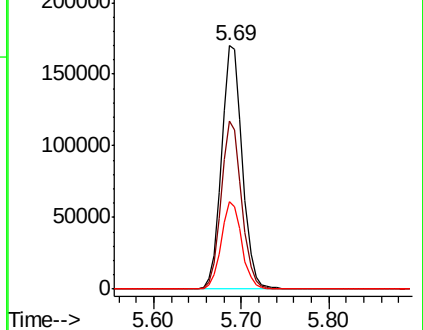
63 35.9 29.8 44.6

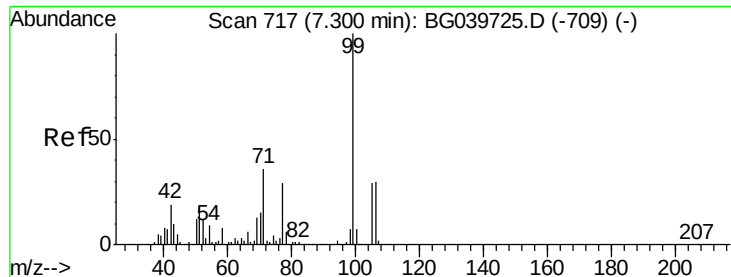


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 117.130 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG040075.D

Acq: 21 Mar 2019 21:10

Instrument :

BNA_G

ClientSampled :

DRUM-1-2

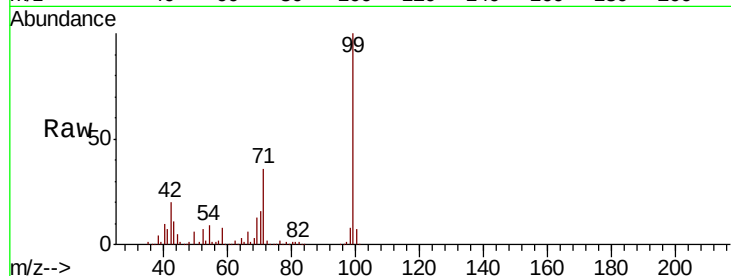
Tot Ion: 99 Resp: 362960

Ion Ratio Lower Upper

99 100

42 19.8 18.2 27.2

71 35.7 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BG040075.D (-709) (-)

Ion 42.00 (41.70 to 42.70): BG040075.D (-709) (-)

Ion 71.00 (70.70 to 71.70): BG040075.D (-709) (-)

7.29

250000

200000

150000

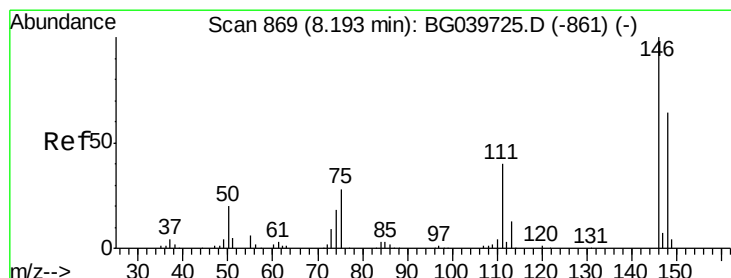
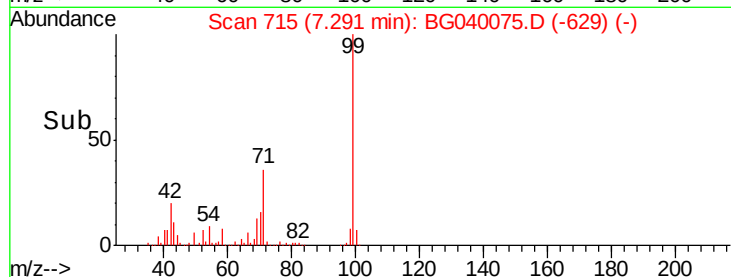
100000

50000

0

7.20 7.30 7.40

Time-->



#13

1,4-Dichlorobenzene

Concen: 5.007 ng

RT: 8.18 min Scan# 866

Delta R.T. -0.02 min

Lab File: BG040075.D

Acq: 21 Mar 2019 21:10

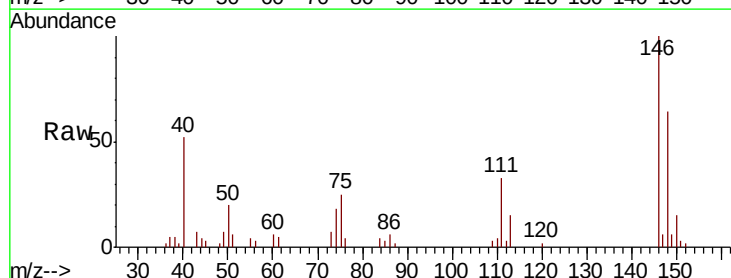
Tgt Ion: 146 Resp: 14543

Ion Ratio Lower Upper

146 100

148 64.1 51.1 76.7

111 32.7 32.6 48.8



Abundance Ion 146.00 (145.70 to 146.70): BG040075.D (-780) (-)

Ion 148.00 (147.70 to 148.70): BG040075.D (-780) (-)

Ion 111.00 (110.70 to 111.70): BG040075.D (-780) (-)

8.18

12000

10000

8000

6000

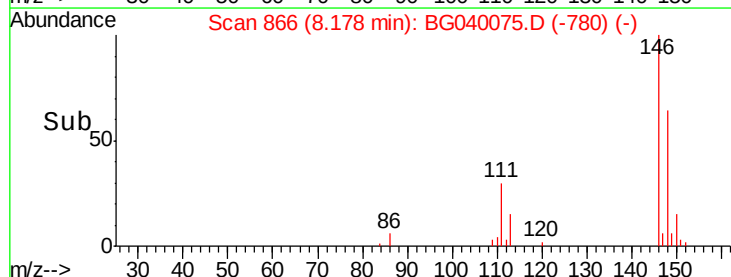
4000

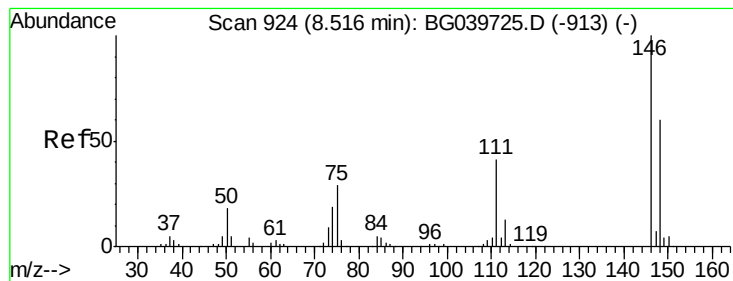
2000

0

8.15 8.20 8.25

Time-->

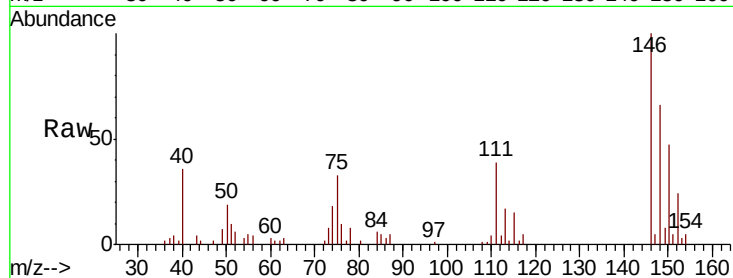




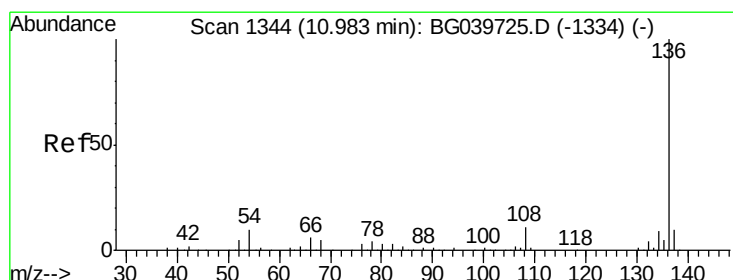
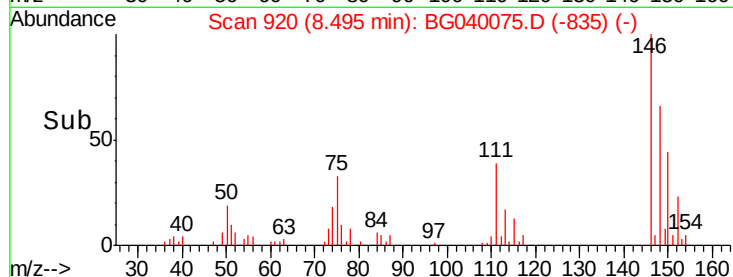
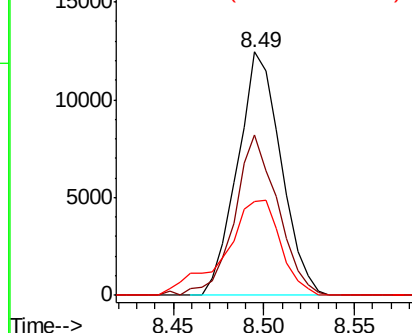
#14
 1,2-Dichlorobenzene
 Concen: 7.390 ng
 RT: 8.49 min Scan# 920
 Delta R.T. -0.03 min
 Lab File: BG040075.D
 Acq: 21 Mar 2019 21:10

Instrument :
 BNA_G
 ClientSampleId :
 DRUM-1-2

Tot Ion:146 Resp: 20740
 Ion Ratio Lower Upper
 146 100
 148 65.9 51.5 77.3
 111 38.7 33.8 50.6

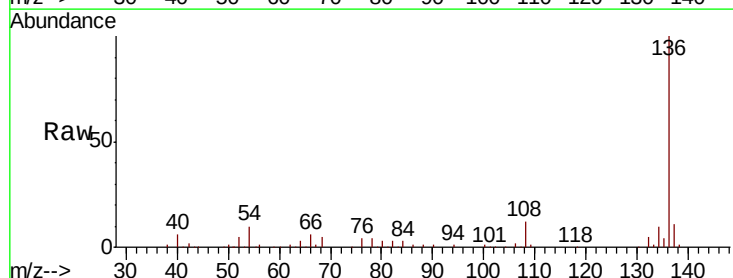


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

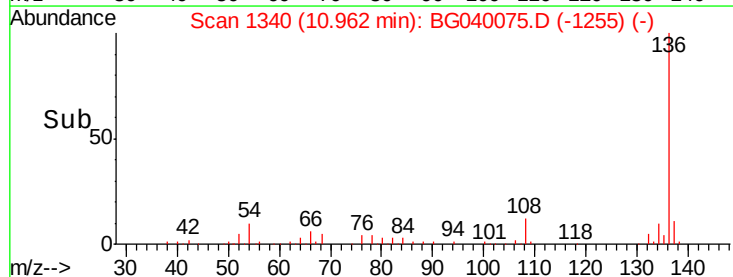
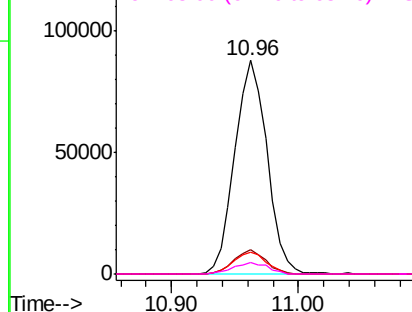


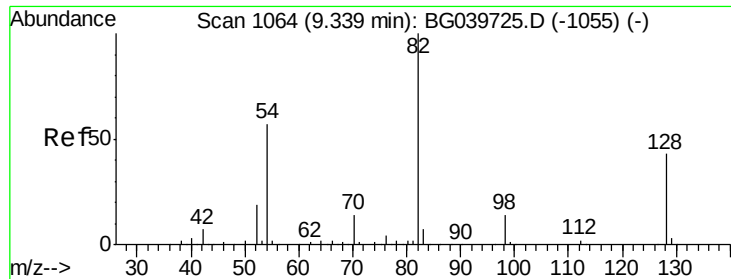
#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.96 min Scan# 1340
 Delta R.T. -0.03 min
 Lab File: BG040075.D
 Acq: 21 Mar 2019 21:10

Tgt Ion:136 Resp: 154764
 Ion Ratio Lower Upper
 136 100
 137 11.3 9.1 13.7
 54 10.0 9.4 14.2
 68 5.4 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

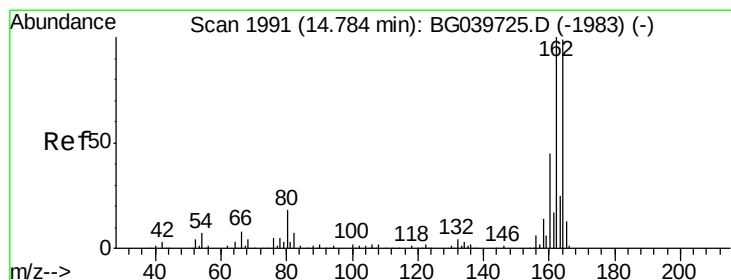
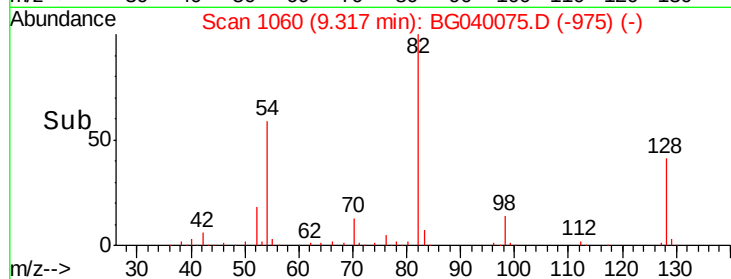
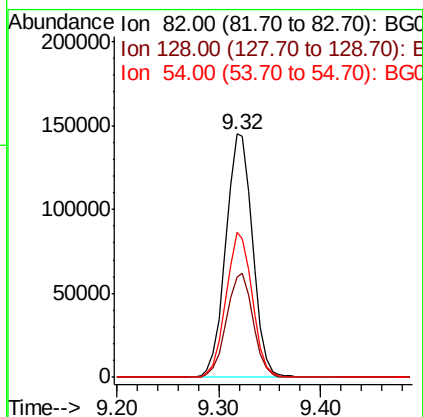
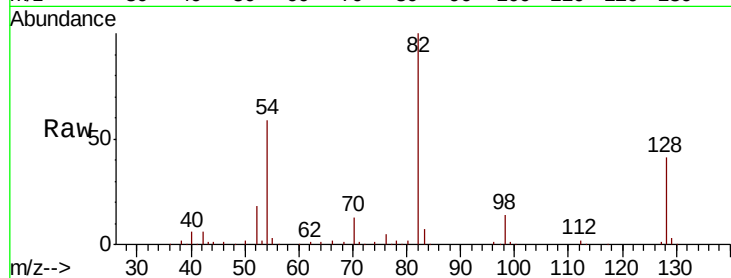




#23
Nitrobenzene-d5
Concen: 92.624 ng
RT: 9.32 min Scan# 1060
Delta R.T. -0.03 min
Lab File: BG040075.D
Acq: 21 Mar 2019 21:10

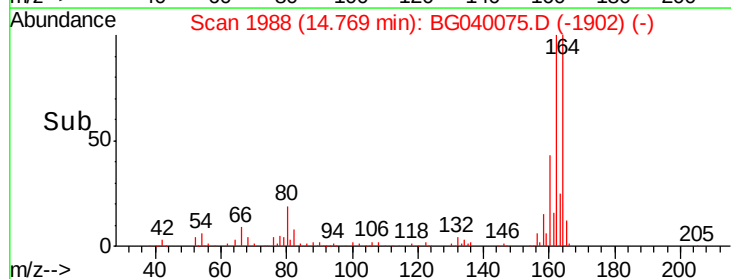
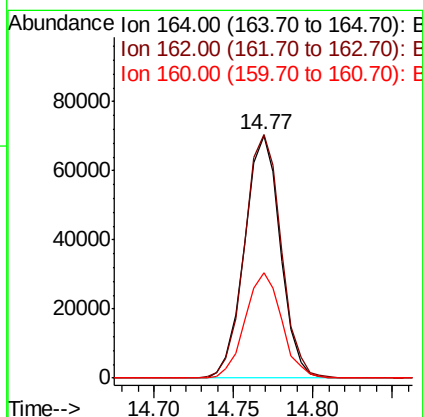
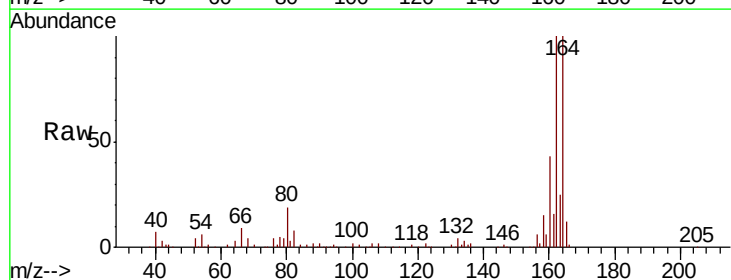
Instrument :
BNA_G
ClientSampleId :
DRUM-1-2

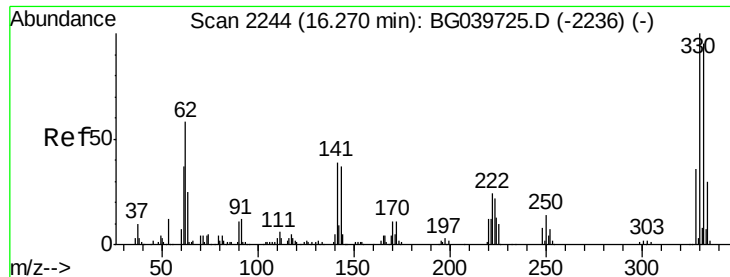
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.2	31.3	46.9
54	59.4	50.9	76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.02 min
Lab File: BG040075.D
Acq: 21 Mar 2019 21:10

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.2	81.6	122.4
160	43.4	34.2	51.2

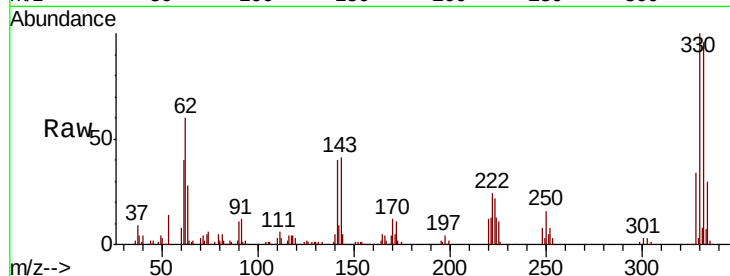




#42
 2,4,6-Tribromophenol
 Concen: 131.984 ng
 RT: 16.25 min Scan# 2241
 Delta R.T. -0.02 min
 Lab File: BG040075.D
 Acq: 21 Mar 2019 21:10

Instrument :
 BNA_G
 ClientSampled :
 DRUM-1-2

Tot Ion	330	Resp	169119
Ion Ratio	100	Lower	Upper
330	100		
332	97.6	75.7	113.5
141	41.7	35.6	53.4

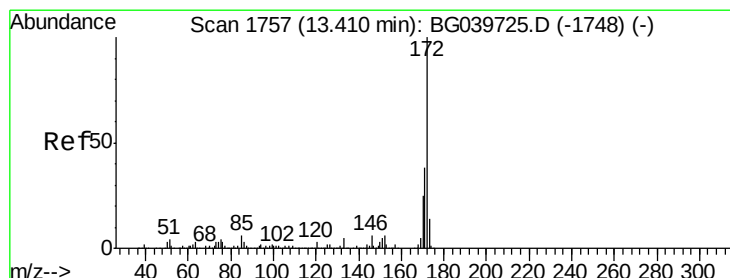
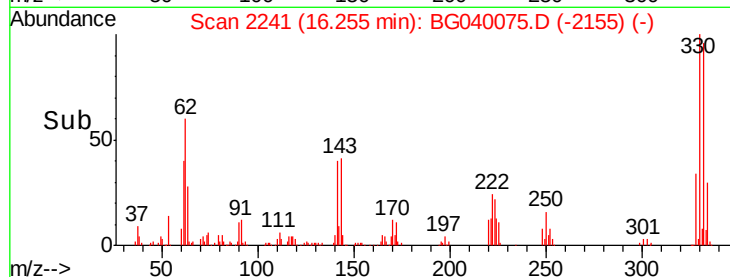
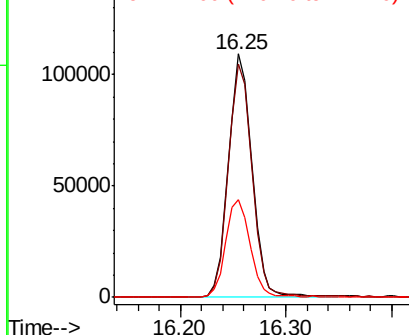


Abundance

Ion 329.80 (329.50 to 330.50): E

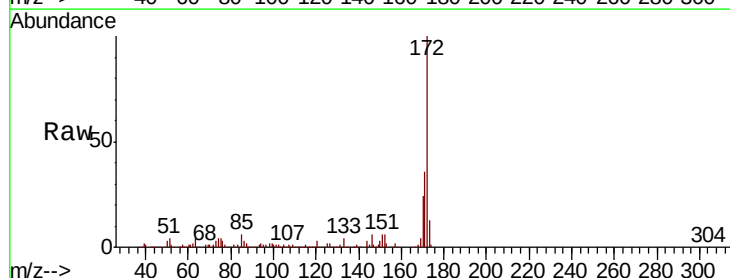
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 86.055 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. -0.03 min
 Lab File: BG040075.D
 Acq: 21 Mar 2019 21:10

Tgt Ion	172	Resp	664431
Ion Ratio	100	Lower	Upper
172	100		
171	35.9	30.8	46.2
170	23.7	20.2	30.4

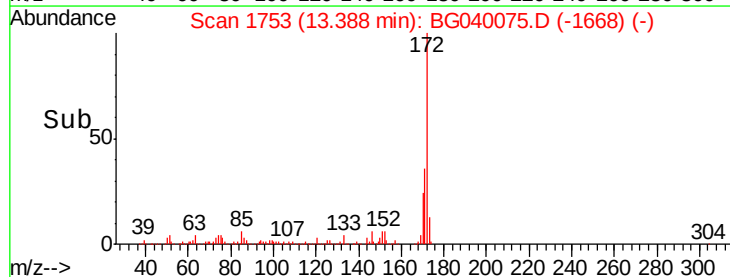
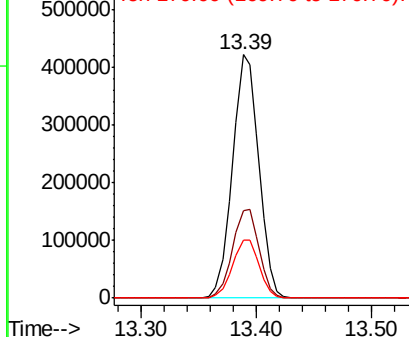


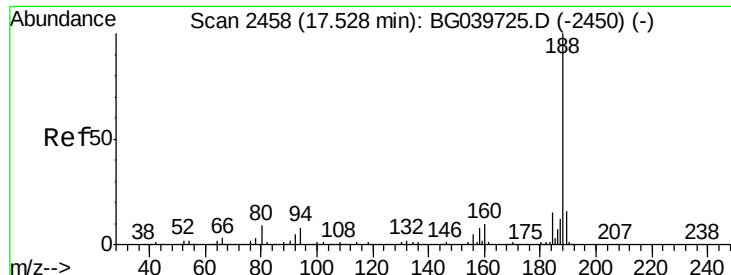
Abundance

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

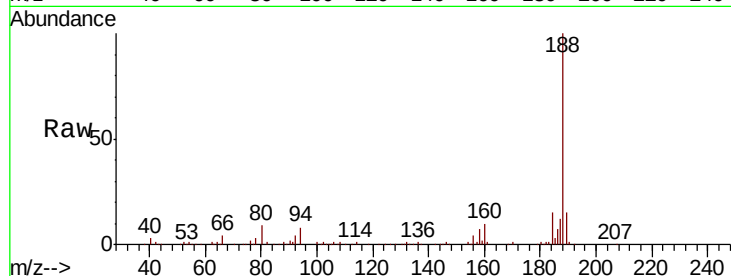




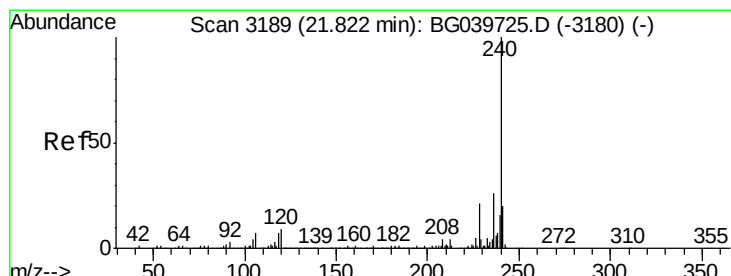
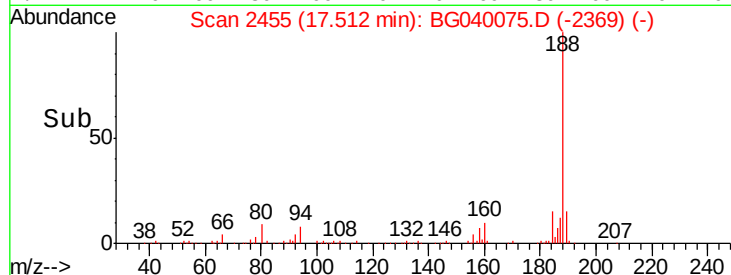
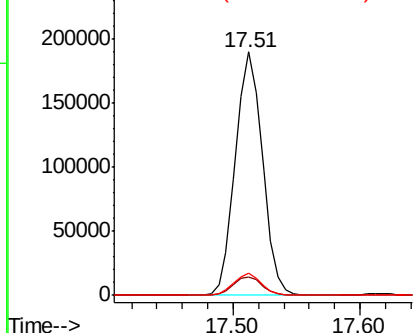
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.02 min
Lab File: BG040075.D
Acq: 21 Mar 2019 21:10

Instrument :
BNA_G
ClientSampleId :
DRUM-1-2

Tot Ion:188 Resp: 281822
Ion Ratio Lower Upper
188 100
94 7.7 6.9 10.3
80 9.0 8.1 12.1

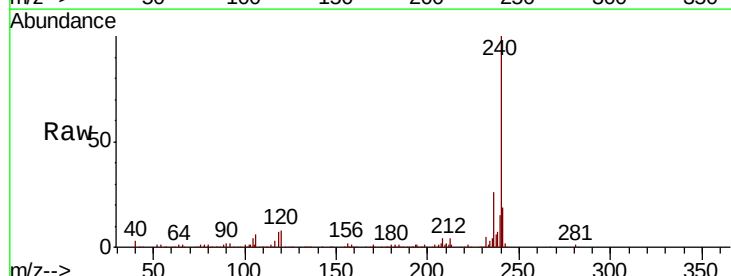


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

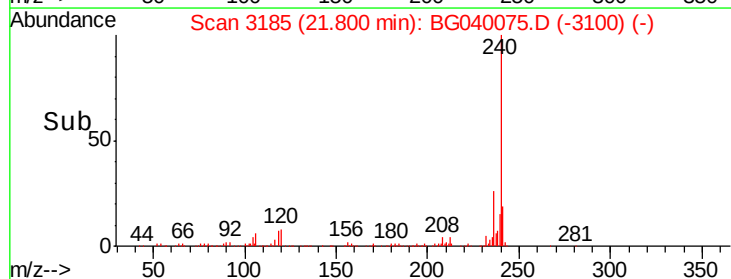
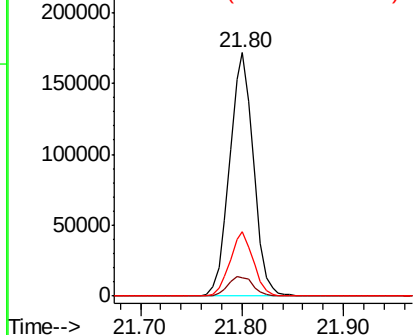


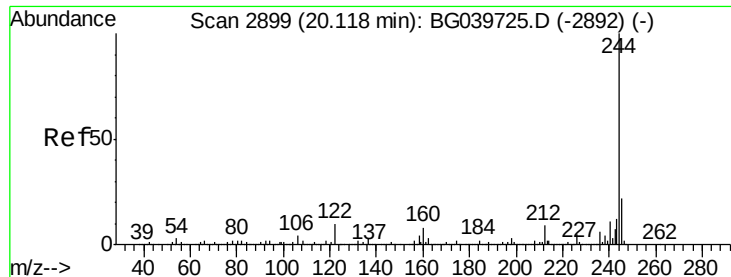
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.03 min
Lab File: BG040075.D
Acq: 21 Mar 2019 21:10

Tgt Ion:240 Resp: 279801
Ion Ratio Lower Upper
240 100
120 7.7 7.0 10.6
236 26.2 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: 90.862 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040075.D

Acq: 21 Mar 2019 21:10

Instrument :

BNA_G

ClientSampleId :

DRUM-1-2

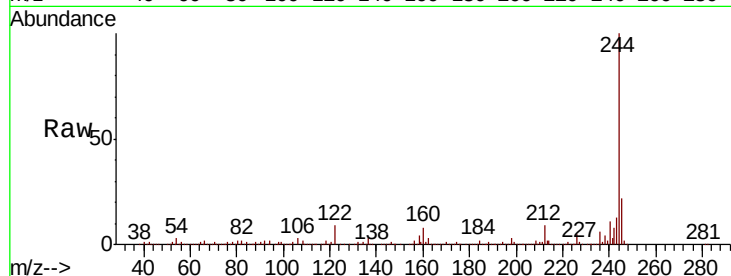
Tot Ion:244 Resp: 1154653

Ion Ratio Lower Upper

244 100

212 9.3 7.3 10.9

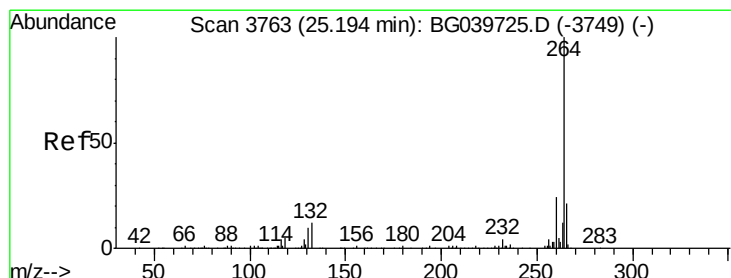
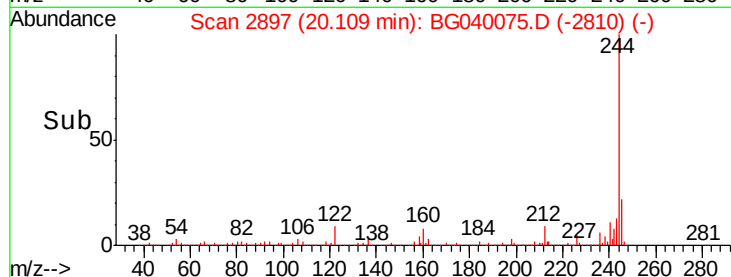
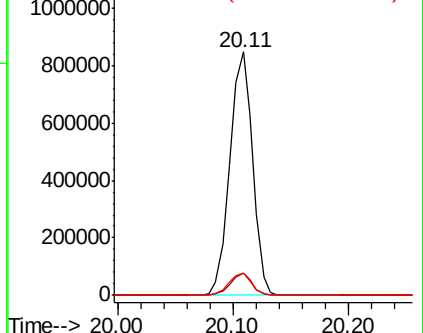
122 8.9 8.4 12.6



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# 3757

Delta R.T. -0.04 min

Lab File: BG040075.D

Acq: 21 Mar 2019 21:10

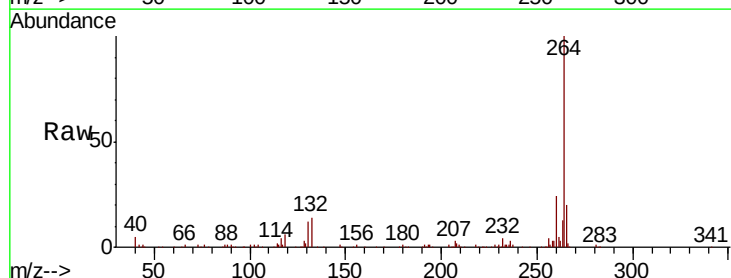
Tgt Ion:264 Resp: 282322

Ion Ratio Lower Upper

264 100

260 24.3 18.2 27.4

265 19.9 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

