

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032219\
 Data File : BG040105.D
 Acq On : 23 Mar 2019 6:53
 Operator : JU/SJ
 Sample : K2033-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 032019-LIFT-F-U-S

Quant Time: Mar 23 22:37:13 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

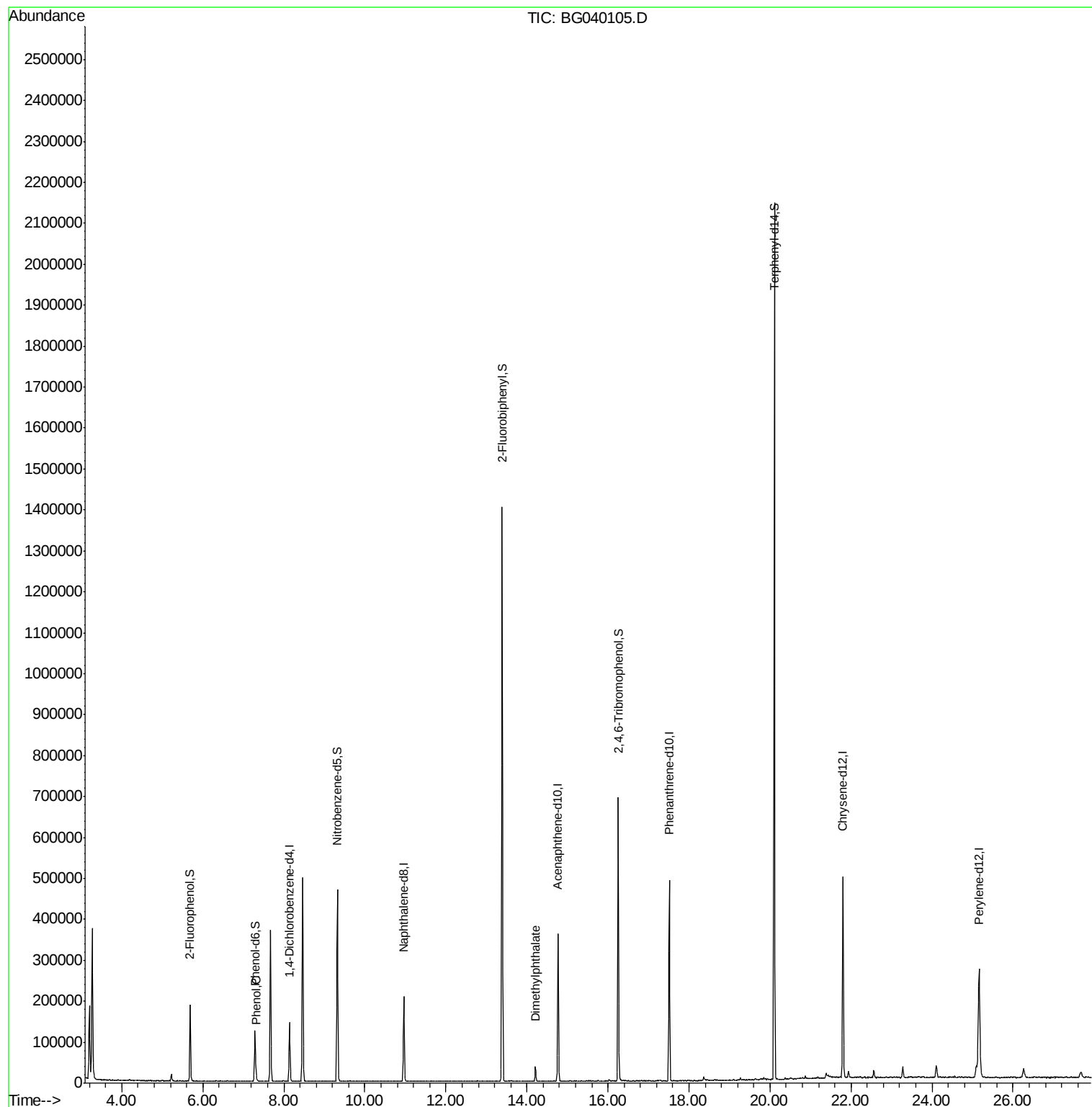
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	41135	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	183280	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	134307	20.00	ng	-0.03
64) Phenanthrene-d10	17.51	188	314170	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	309939	20.00	ng	-0.03
87) Perylene-d12	25.16	264	311312	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	79653	33.03	ng	-0.03
7) Phenol-d6	7.29	99	72334	20.12	ng	-0.03
23) Nitrobenzene-d5	9.32	82	282049	83.23	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	123106	78.64	ng	-0.03
45) 2-Fluorobiphenyl	13.39	172	726826	77.05	ng	-0.03
79) Terphenyl-d14	20.11	244	989897	70.32	ng	-0.02
Target Compounds						
10) Phenol	7.32	94	9508	2.441	ng	94
50) Dimethylphthalate	14.21	163	26467	2.357	ng	100

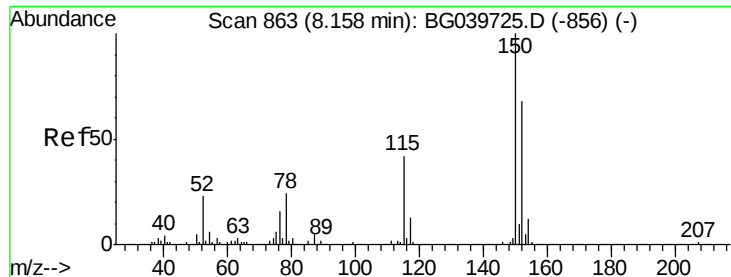
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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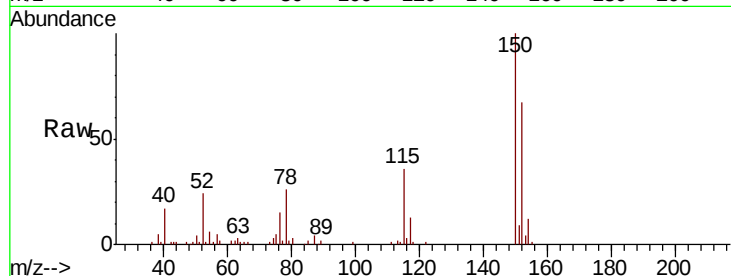


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.03 min
Lab File: BG040105.D
Acq: 23 Mar 2019 6:53

Instrument :
BNA_G
ClientSampleId :
032019-LIFT-F-U-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.1	123.7	185.5
115	54.1	45.9	68.9

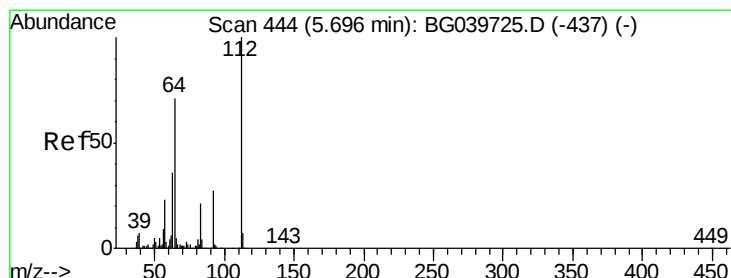
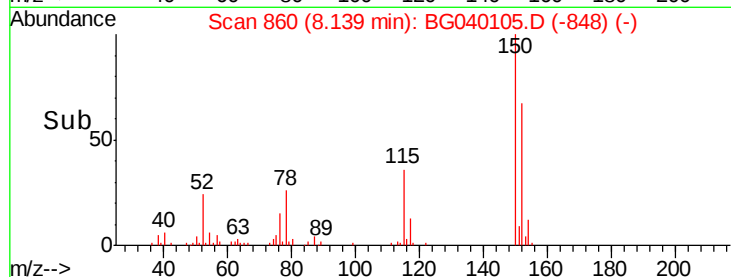
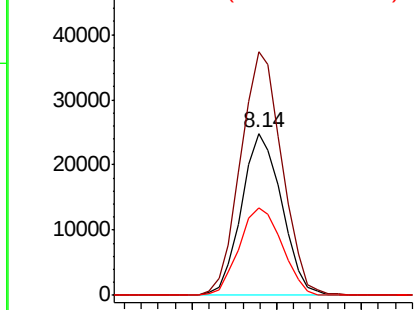


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

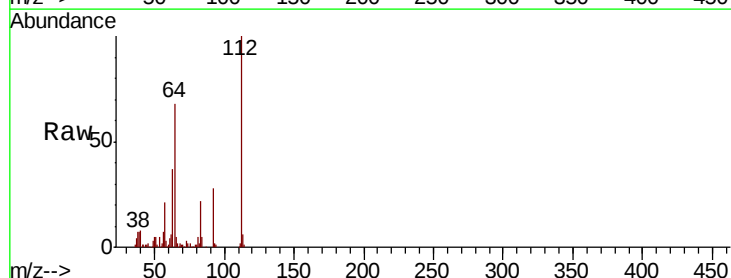
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 33.035 ng
RT: 5.68 min Scan# 442
Delta R.T. -0.03 min
Lab File: BG040105.D
Acq: 23 Mar 2019 6:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.8	57.8	86.8
63	37.2	29.8	44.6

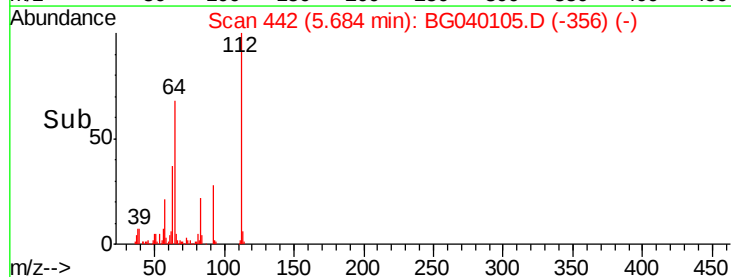
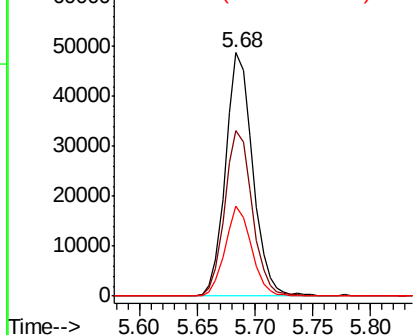


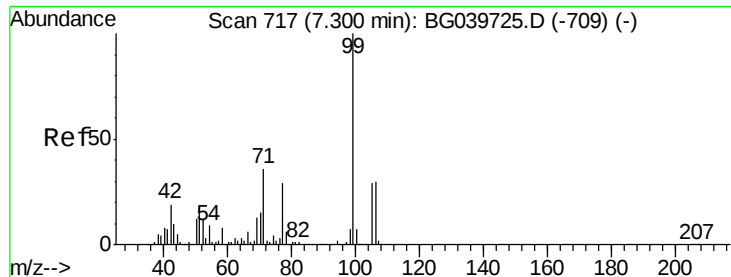
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 20.120 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.03 min

Lab File: BG040105.D

Acq: 23 Mar 2019 6:53

Instrument :

BNA_G

ClientSampleId :

032019-LIFT-F-U-S

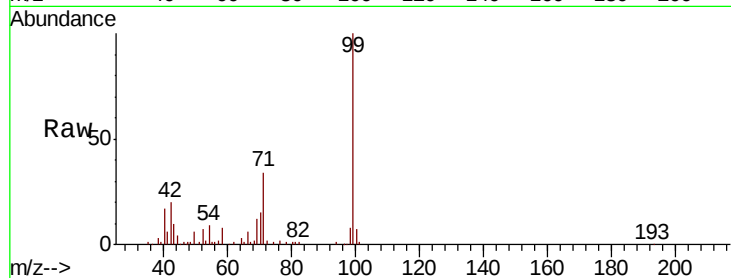
Tot Ion: 99 Resp: 72334

Ion Ratio Lower Upper

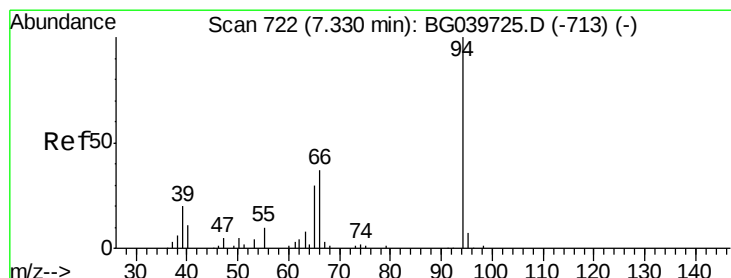
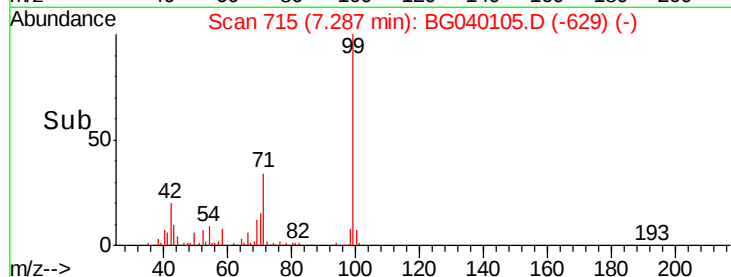
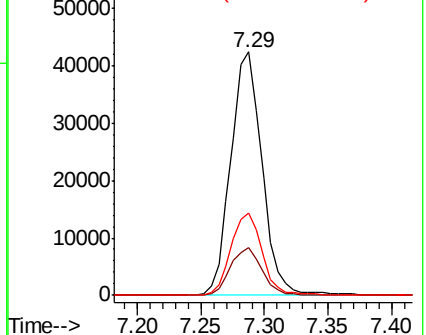
99 100

42 19.8 18.2 27.2

71 33.7 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#10

Phenol

Concen: 2.441 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.02 min

Lab File: BG040105.D

Acq: 23 Mar 2019 6:53

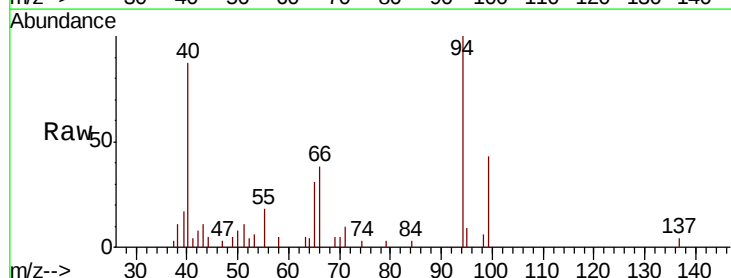
Tgt Ion: 94 Resp: 9508

Ion Ratio Lower Upper

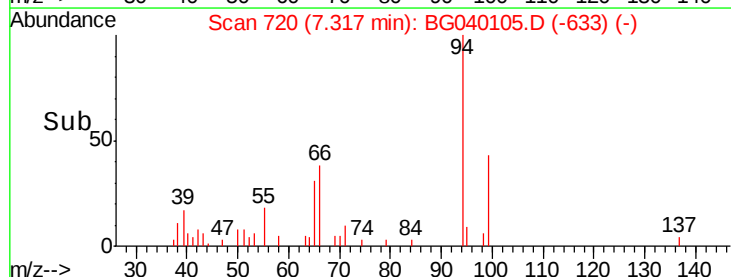
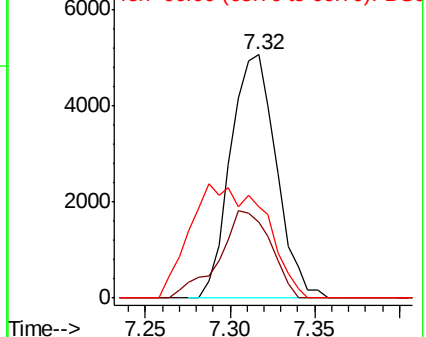
94 100

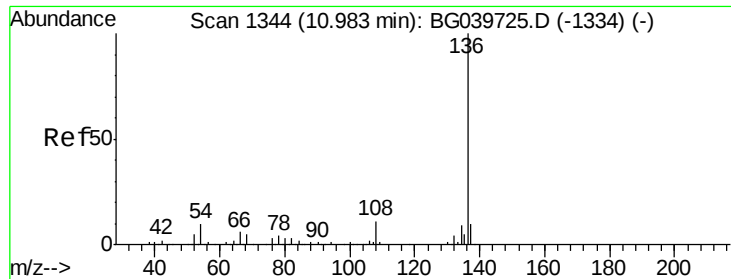
65 31.2 11.7 51.7

66 37.7 23.7 63.7



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

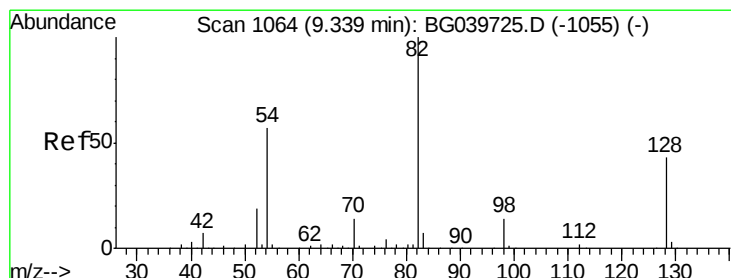
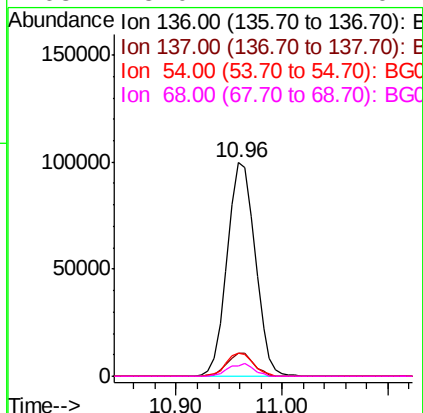
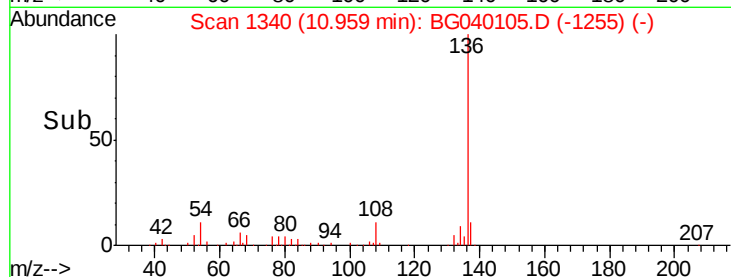
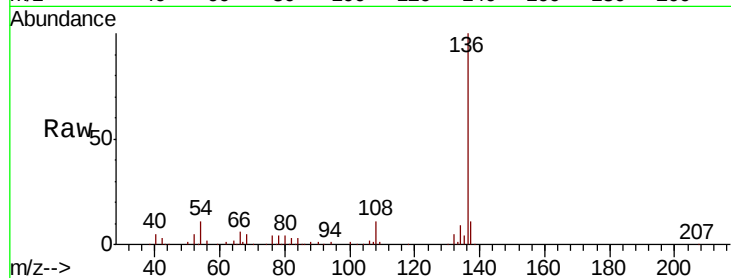




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1340
Delta R.T. -0.03 min
Lab File: BG040105.D
Acq: 23 Mar 2019 6:53

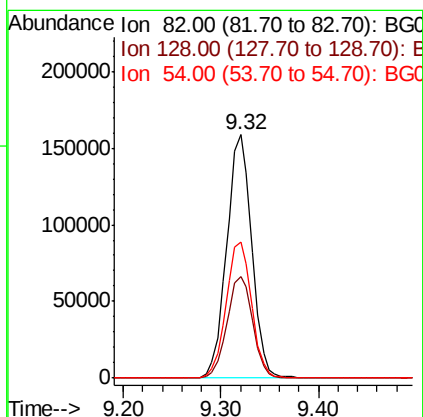
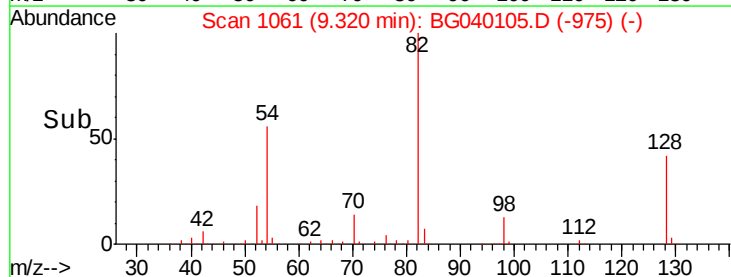
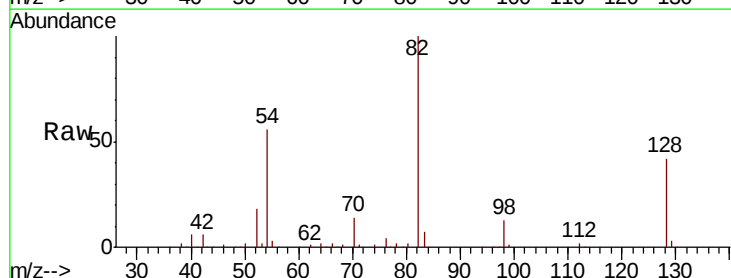
Instrument :
BNA_G
ClientSampleId :
032019-LIFT-F-U-S

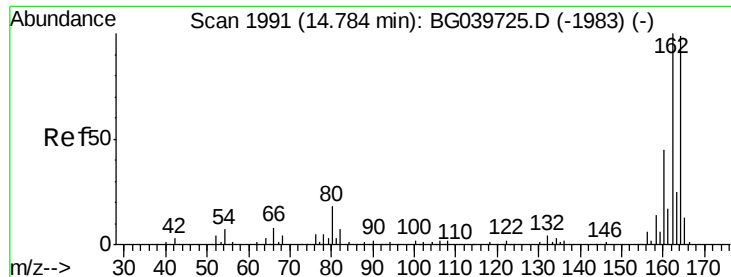
Tot Ion:136	Resp:	183280
Ion	Ratio	Lower Upper
136	100	
137	10.8	9.1 13.7
54	11.0	9.4 14.2
68	5.0	4.2 6.4



#23
Nitrobenzene-d5
Concen: 83.230 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.03 min
Lab File: BG040105.D
Acq: 23 Mar 2019 6:53

Tgt Ion: 82	Resp:	282049
Ion	Ratio	Lower Upper
82	100	
128	41.8	31.3 46.9
54	55.8	50.9 76.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.03 min

Lab File: BG040105.D

Acq: 23 Mar 2019 6:53

Instrument :

BNA_G

ClientSampleId :

032019-LIFT-F-U-S

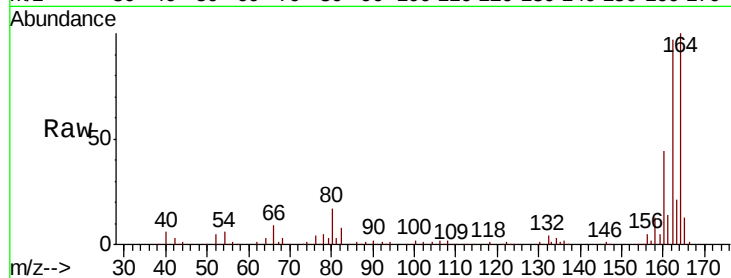
Tot Ion:164 Resp: 134307

Ion Ratio Lower Upper

164 100

162 97.3 81.6 122.4

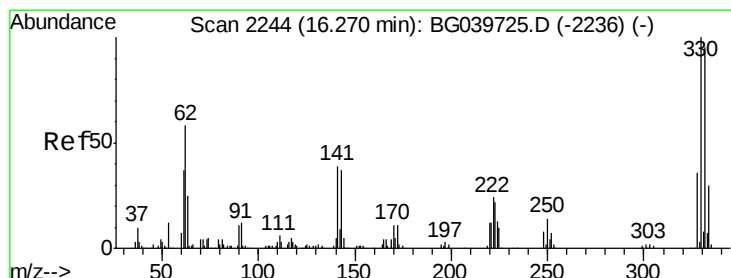
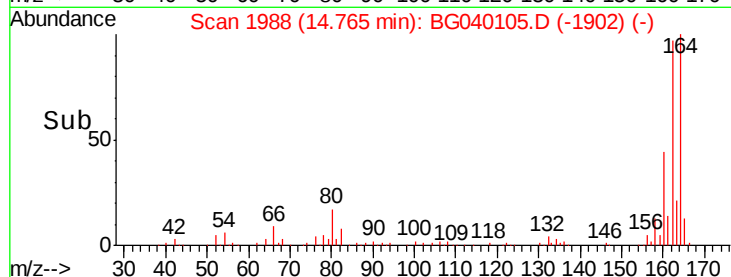
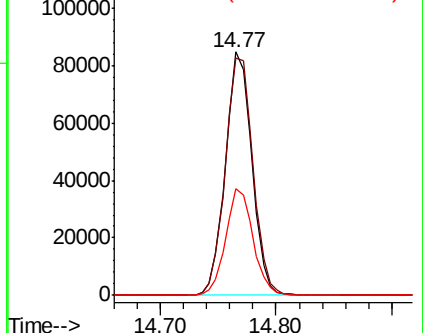
160 44.0 34.2 51.2



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: 78.640 ng

RT: 16.25 min Scan# 2241

Delta R.T. -0.03 min

Lab File: BG040105.D

Acq: 23 Mar 2019 6:53

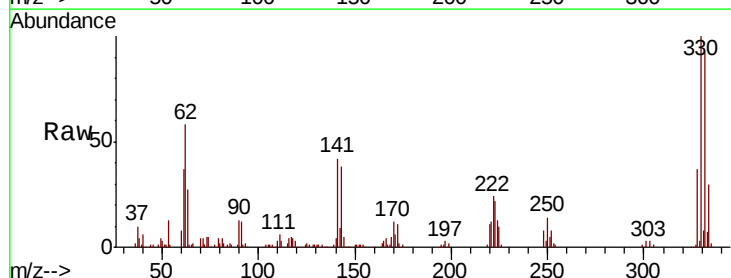
Tgt Ion:330 Resp: 123106

Ion Ratio Lower Upper

330 100

332 95.1 75.7 113.5

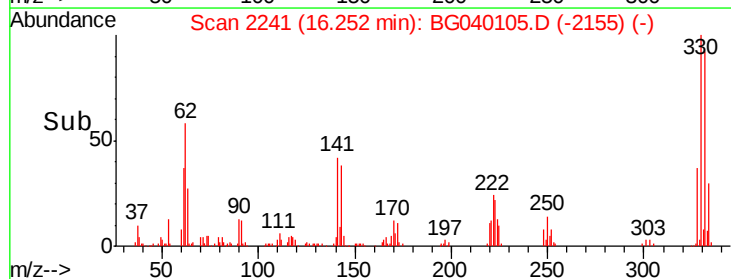
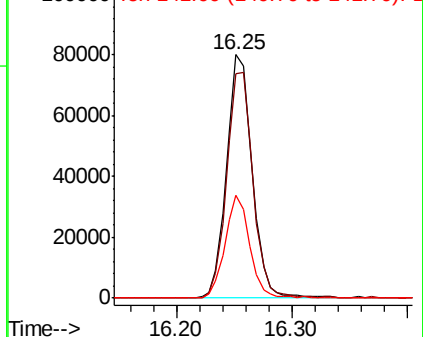
141 40.4 35.6 53.4

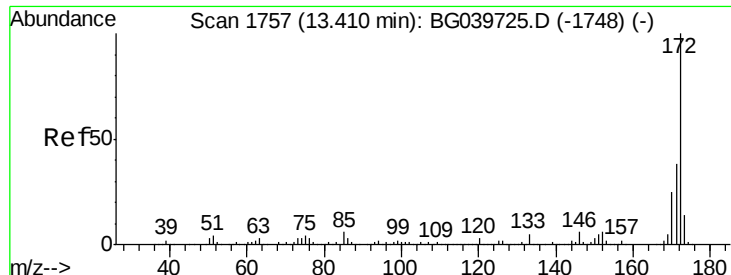


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

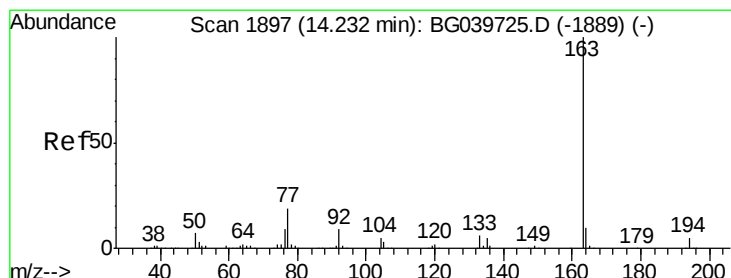
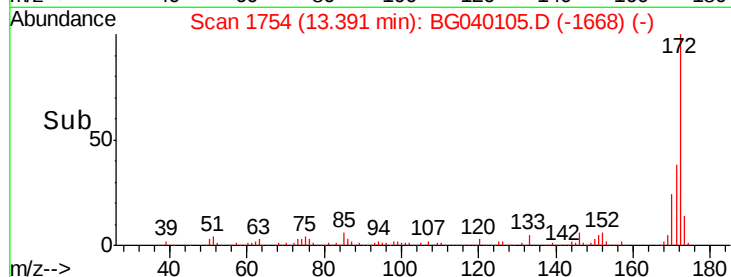
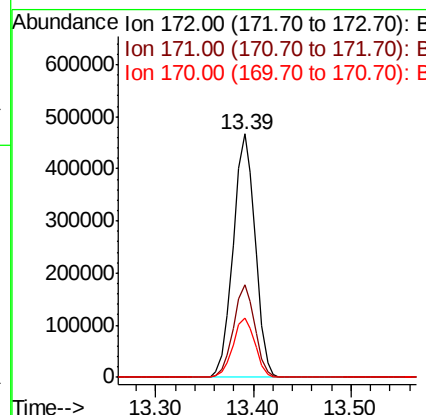
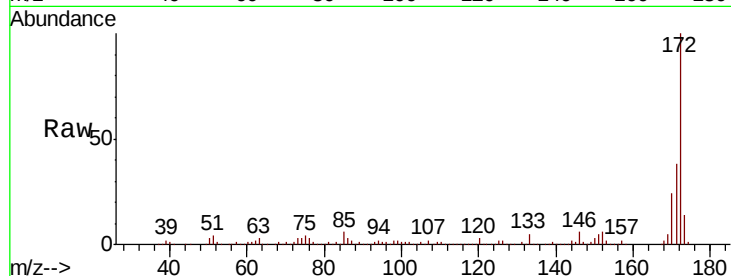




#45
 2-Fluorobiphenyl
 Concen: 77.053 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.03 min
 Lab File: BG040105.D
 Acq: 23 Mar 2019 6:53

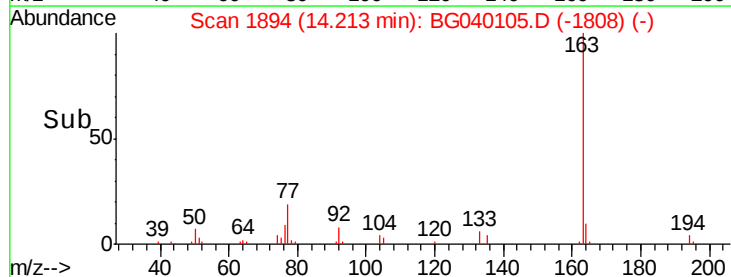
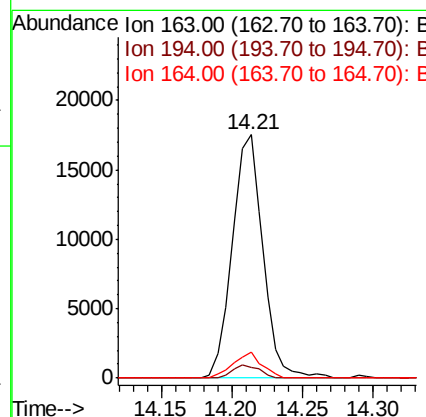
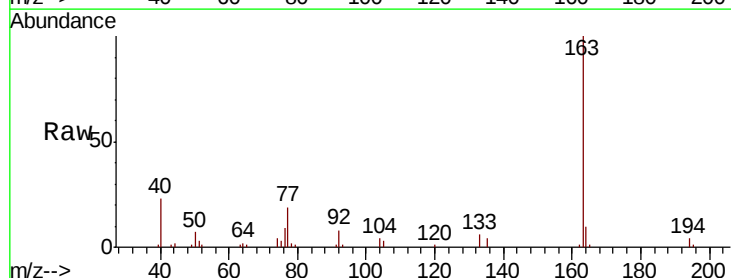
Instrument :
 BNA_G
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 032019-LIFT-F-U-S

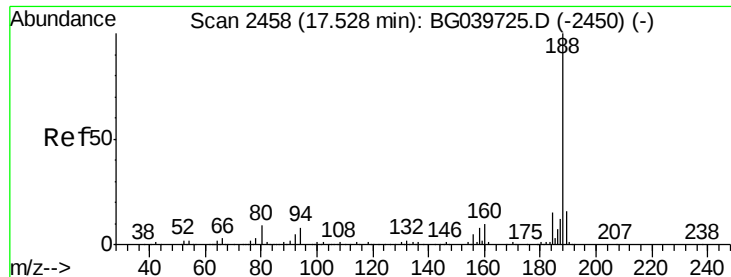
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.8	46.2
170	24.4	20.2	30.4



#50
 Dimethylphthalate
 Concen: 2.357 ng
 RT: 14.21 min Scan# 1894
 Delta R.T. -0.03 min
 Lab File: BG040105.D
 Acq: 23 Mar 2019 6:53

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.6	5.4
164	10.5	8.4	12.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.51 min Scan# 2456

Delta R.T. -0.02 min

Lab File: BG040105.D

Acq: 23 Mar 2019 6:53

Instrument :

BNA_G

ClientSampleId :

032019-LIFT-F-U-S

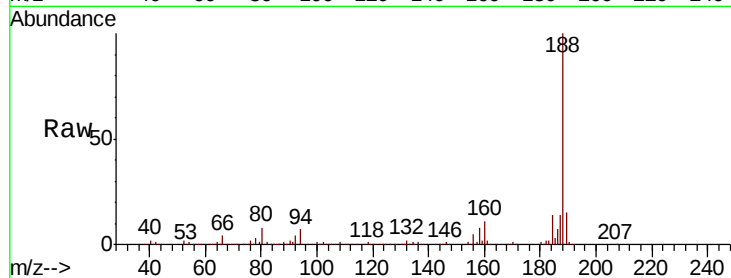
Tot Ion:188 Resp: 314170

Ion Ratio Lower Upper

188 100

94 7.5 6.9 10.3

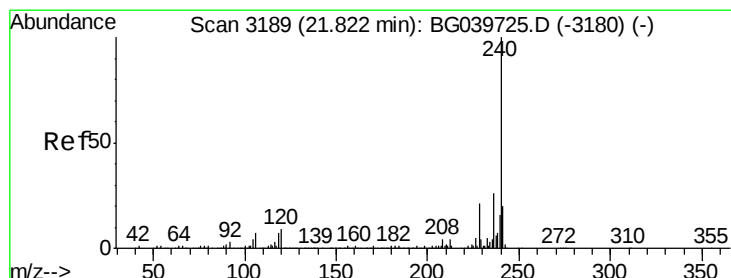
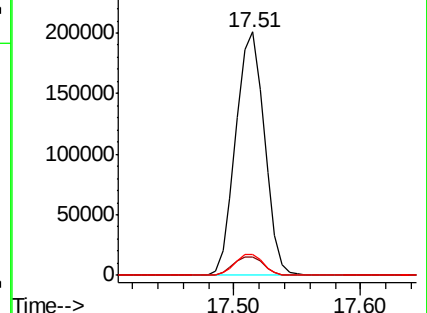
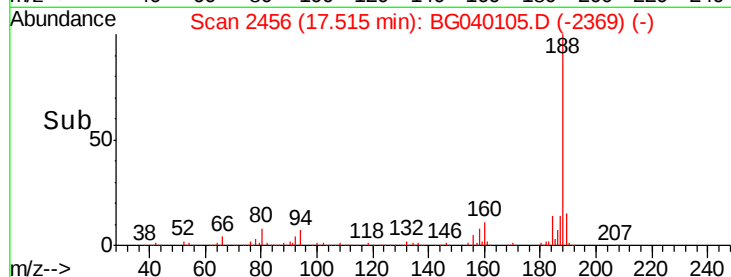
80 8.4 8.1 12.1



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# 3185

Delta R.T. -0.03 min

Lab File: BG040105.D

Acq: 23 Mar 2019 6:53

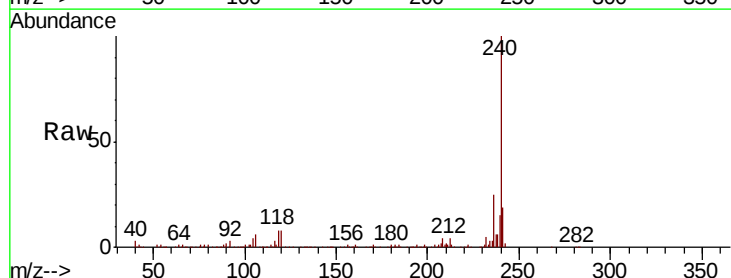
Tgt Ion:240 Resp: 309939

Ion Ratio Lower Upper

240 100

120 8.2 7.0 10.6

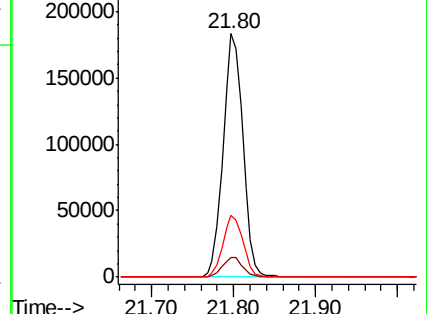
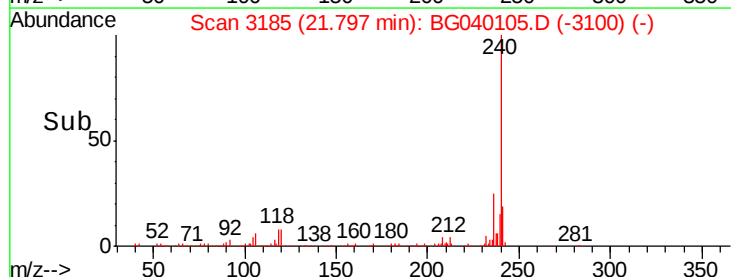
236 25.2 21.0 31.4

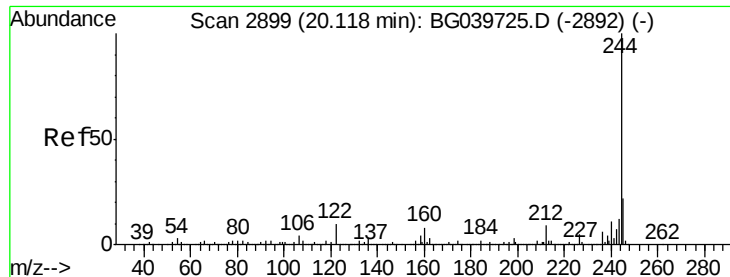


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 70.322 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040105.D

Acq: 23 Mar 2019 6:53

Instrument :

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ClientSampleId :

032019-LIFT-F-U-S

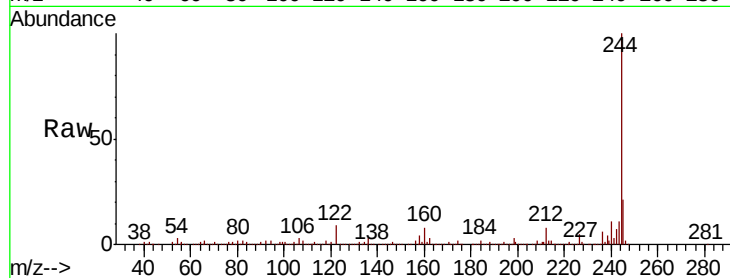
Tot Ion:244 Resp: 989897

Ion Ratio Lower Upper

244 100

212 8.3 7.3 10.9

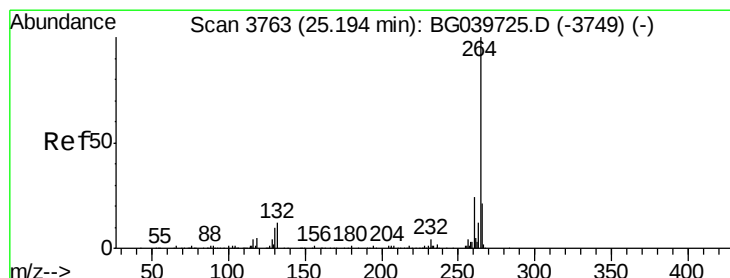
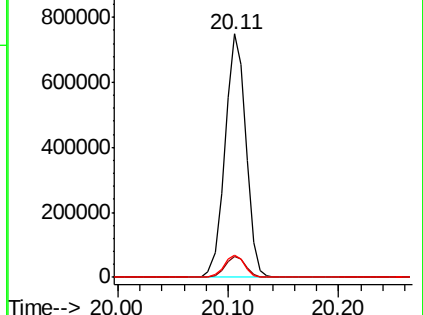
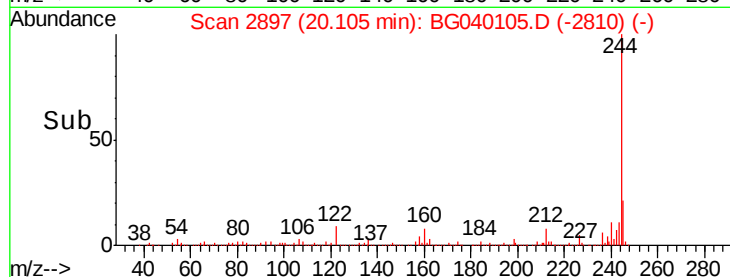
122 9.1 8.4 12.6



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: BG040105.D

Acq: 23 Mar 2019 6:53

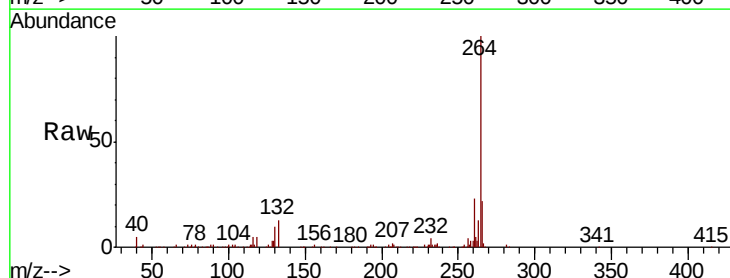
Tgt Ion:264 Resp: 311312

Ion Ratio Lower Upper

264 100

260 23.0 18.2 27.4

265 21.7 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

