

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012519\
 Data File : BG039292.D
 Acq On : 25 Jan 2019 23:57
 Operator : JU/SJ
 Sample : K1234-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-STAIRS

Quant Time: Jan 28 03:50:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 04:20:14 2019
 Response via : Initial Calibration

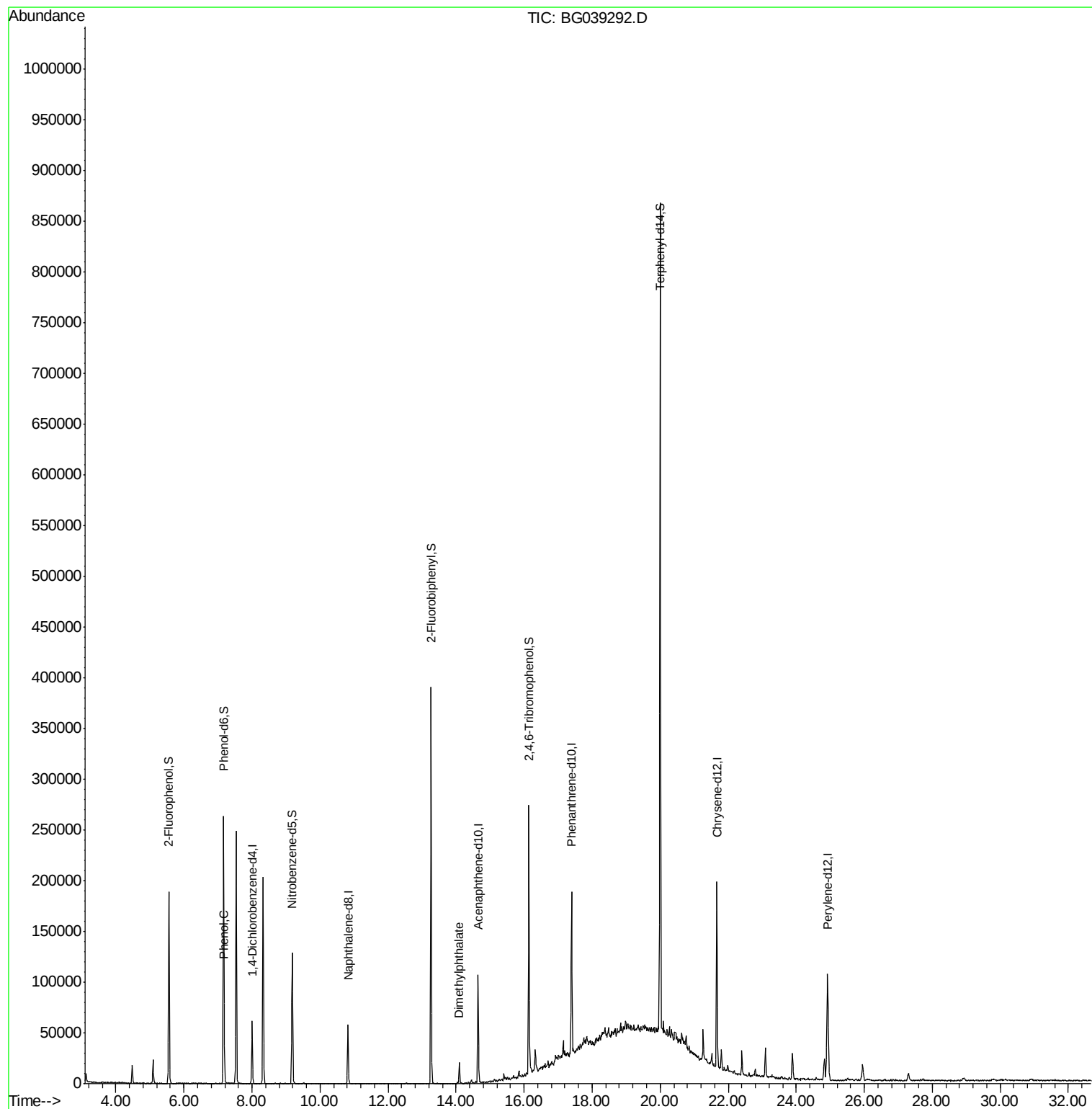
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	18483	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	56114	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	40938	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	100895	20.00	ng	0.00
76) Chrysene-d12	21.67	240	117693	20.00	ng	-0.01
87) Perylene-d12	24.92	264	134074	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	90159	92.53	ng	0.00
7) Phenol-d6	7.17	99	163878	116.87	ng	0.00
23) Nitrobenzene-d5	9.19	82	83233	81.16	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	60025	87.47	ng	-0.01
45) 2-Fluorobiphenyl	13.26	172	213836	71.49	ng	0.00
79) Terphenyl-d14	20.00	244	422656	66.43	ng	0.00
Target Compounds						
10) Phenol	7.19	94	3146	2.238	ng	Qvalue # 65
50) Dimethylphthalate	14.09	163	16248	4.697	ng	100

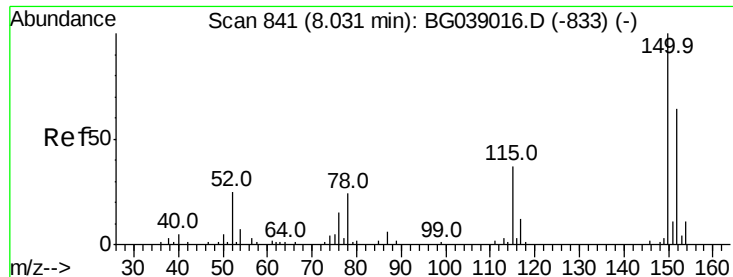
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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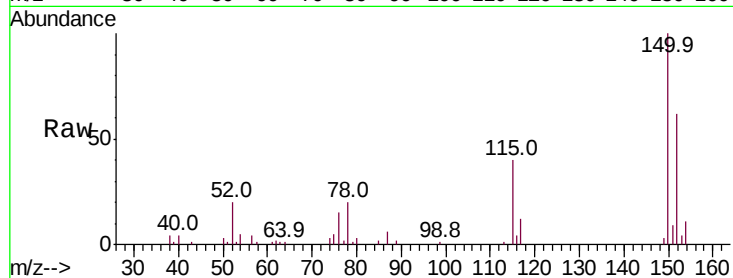


#1

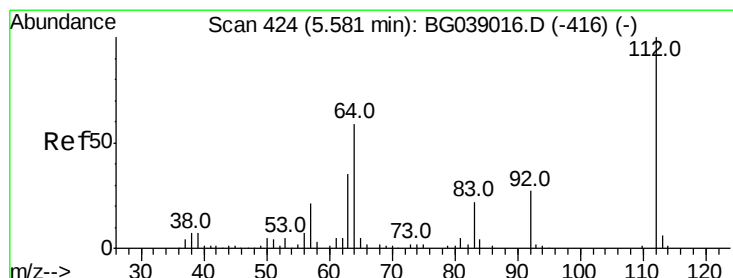
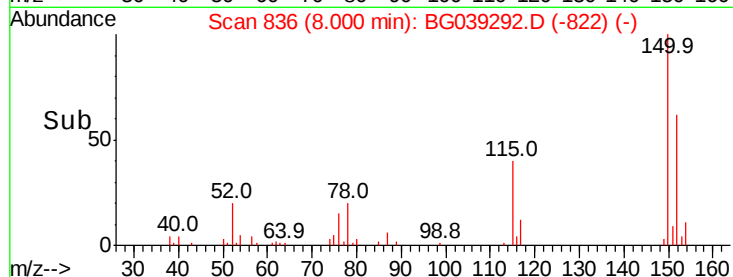
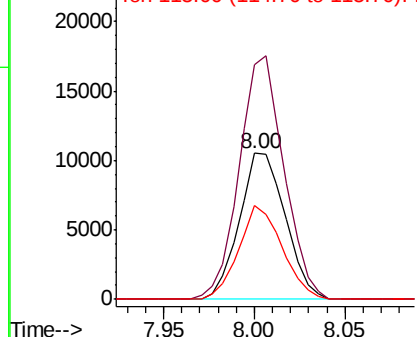
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG039292.D
Acq: 25 Jan 2019 23:57

Instrument :
BNA_G
ClientSampleId :
CONCRETE-STAIRS

Tot Ion:152 Resp: 18483
Ion Ratio Lower Upper
152 100
150 160.7 124.7 187.1
115 64.4 46.5 69.7



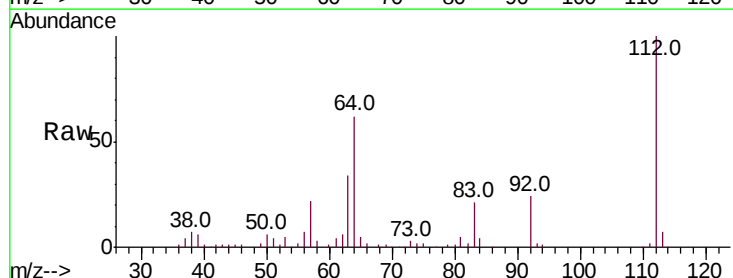
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



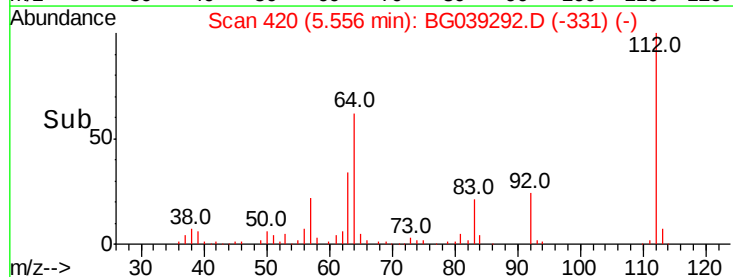
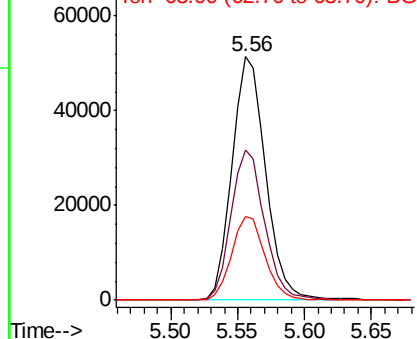
#5

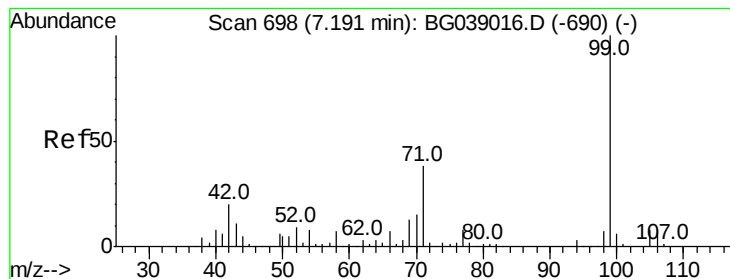
2-Fluorophenol
Concen: 92.534 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG039292.D
Acq: 25 Jan 2019 23:57

Tgt Ion:112 Resp: 90159
Ion Ratio Lower Upper
112 100
64 61.5 47.0 70.6
63 34.4 28.0 42.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 116.872 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG039292.D

Acq: 25 Jan 2019 23:57

Instrument :

BNA_G

ClientSampleId :

CONCRETE-STAIRS

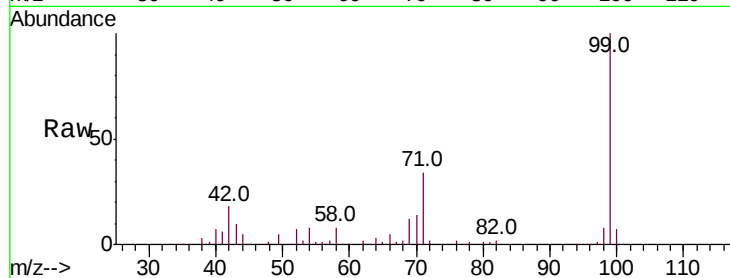
Tot Ion: 99 Resp: 163878

Ion Ratio Lower Upper

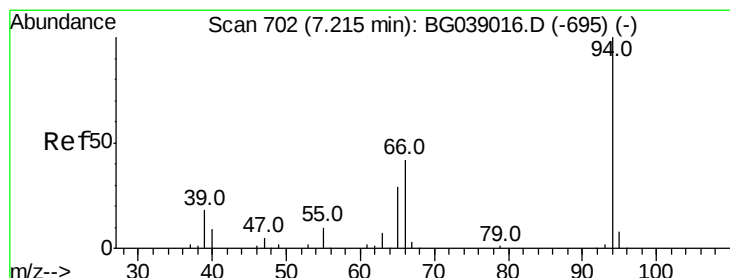
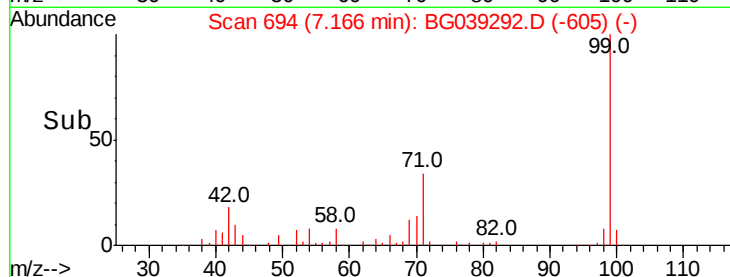
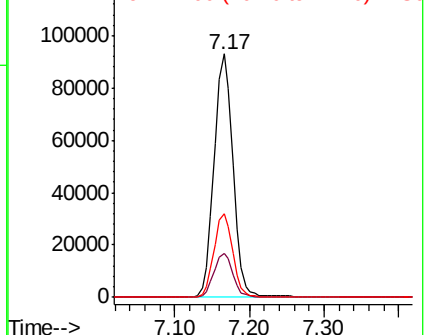
99 100

42 18.1 15.8 23.6

71 34.2 30.2 45.4



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: 2.238 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG039292.D

Acq: 25 Jan 2019 23:57

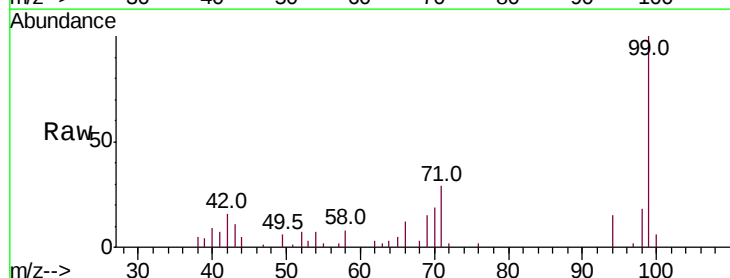
Tgt Ion: 94 Resp: 3146

Ion Ratio Lower Upper

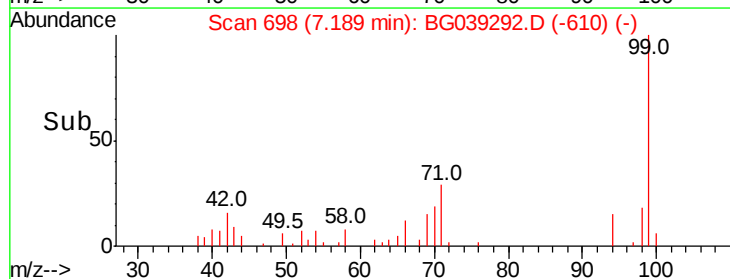
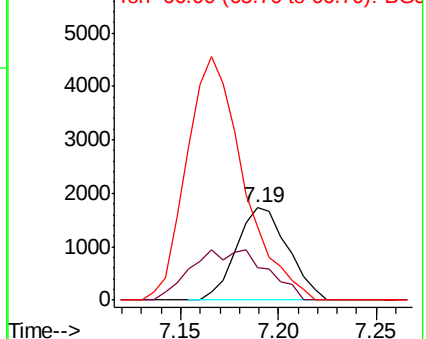
94 100

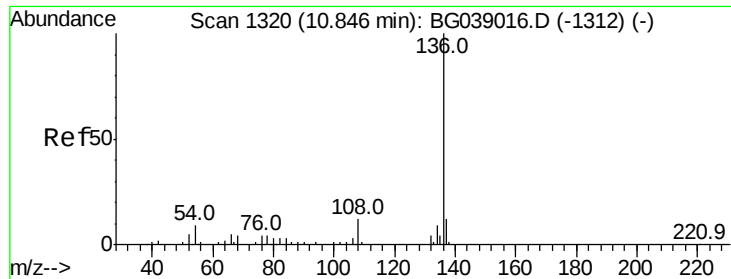
65 34.7 10.3 50.3

66 79.8 25.1 65.1#



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

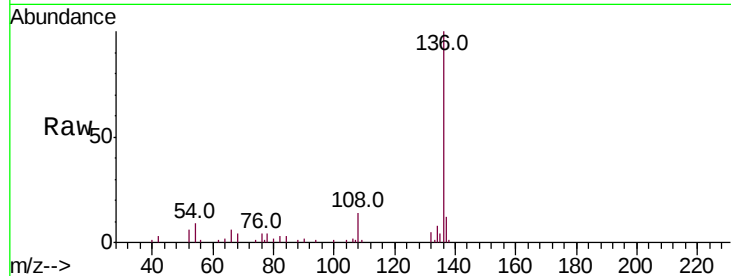




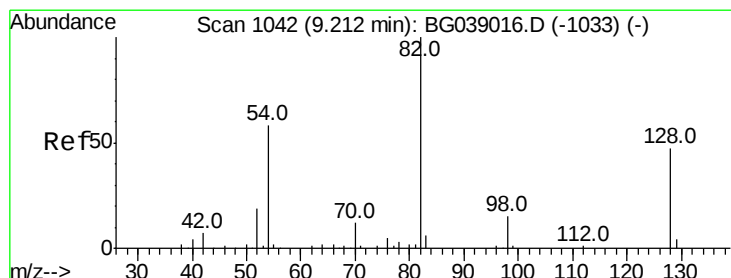
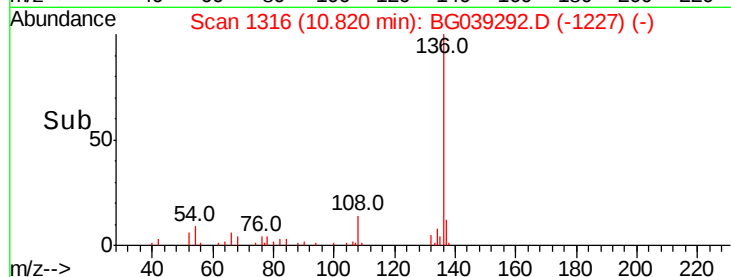
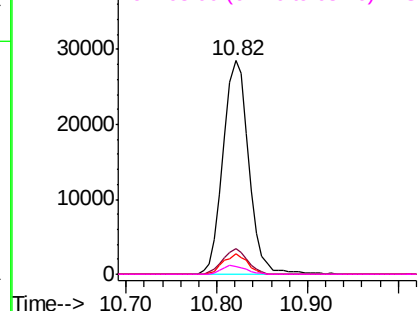
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG039292.D
Acq: 25 Jan 2019 23:57

Instrument :
BNA_G
ClientSampleId :
CONCRETE-STAIRS

Tot Ion:136	Resp:	56114
Ion	Ratio	Lower Upper
136	100	
137	12.0	9.4 14.2
54	9.4	7.2 10.8
68	3.9	3.5 5.3

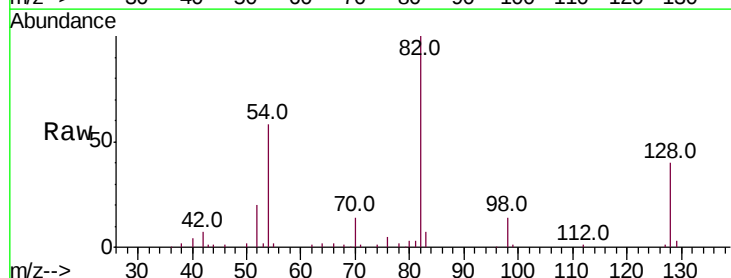


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

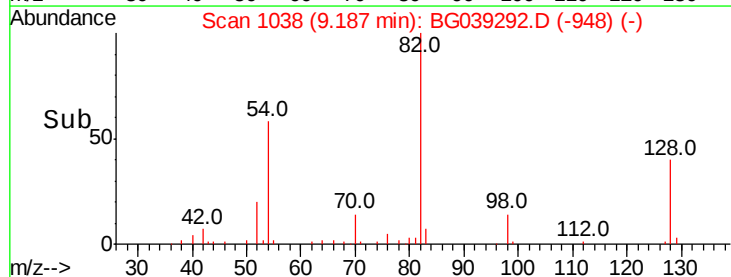
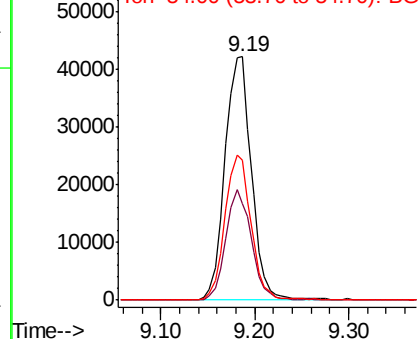


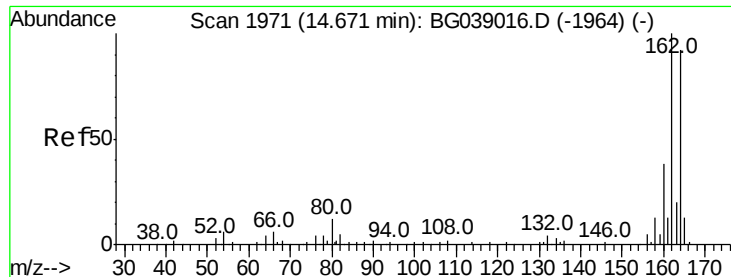
#23
Nitrobenzene-d5
Concen: 81.165 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BG039292.D
Acq: 25 Jan 2019 23:57

Tgt Ion: 82	Resp:	83233
Ion	Ratio	Lower Upper
82	100	
128	39.8	37.3 55.9
54	57.6	46.4 69.6



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: 14.65 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BG039292.D

Acq: 25 Jan 2019 23:57

Instrument :

BNA_G

ClientSampleId :

CONCRETE-STAIRS

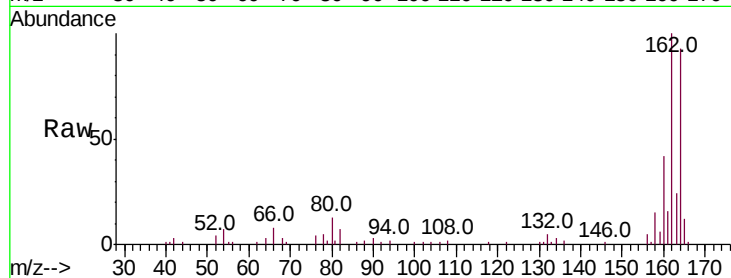
Tot Ion:164 Resp: 40938

Ion Ratio Lower Upper

164 100

162 107.1 87.2 130.8

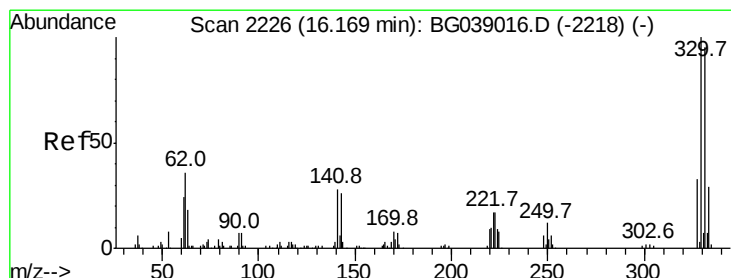
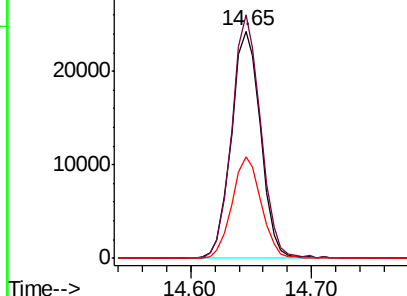
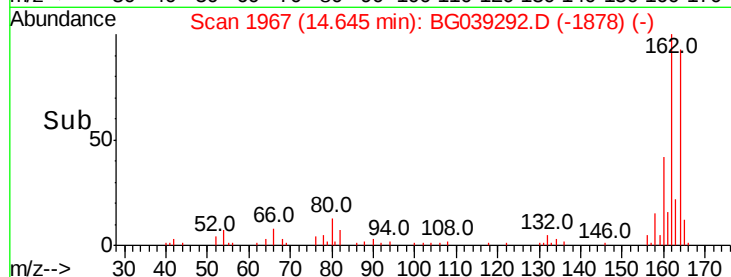
160 44.6 33.3 49.9



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: 87.470 ng

RT: 16.14 min Scan# 2221

Delta R.T. -0.01 min

Lab File: BG039292.D

Acq: 25 Jan 2019 23:57

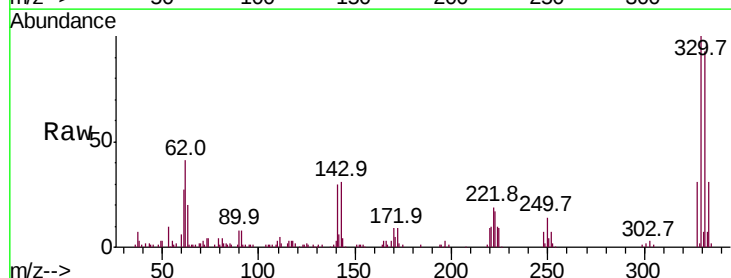
Tgt Ion:330 Resp: 60025

Ion Ratio Lower Upper

330 100

332 94.1 75.7 113.5

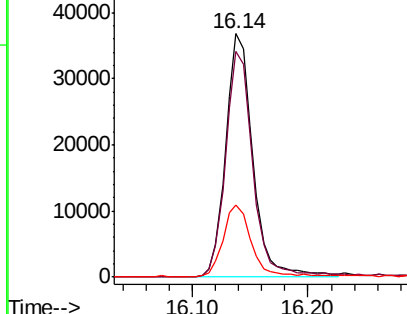
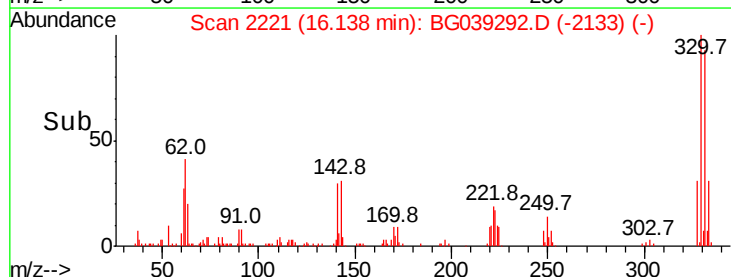
141 31.4 24.9 37.3

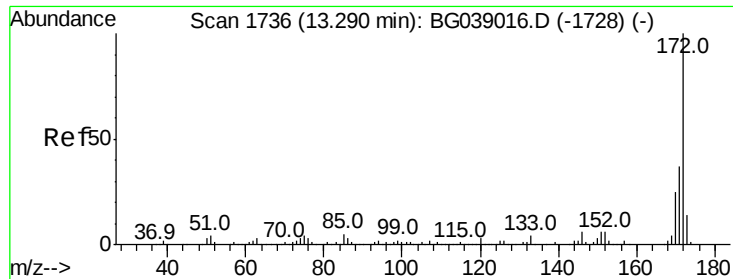


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

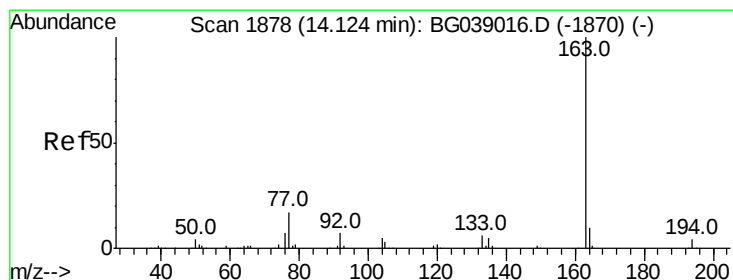
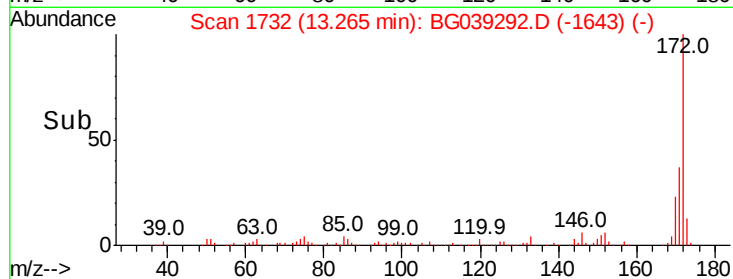
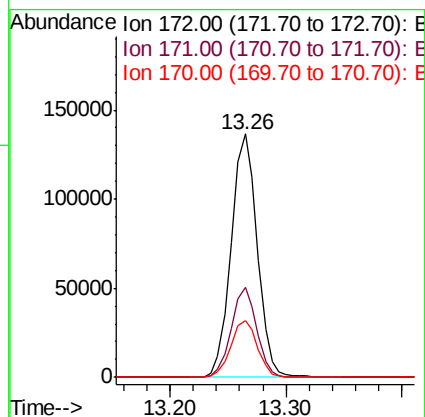
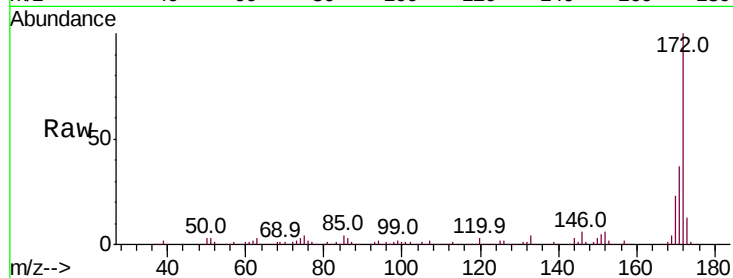




#45
2-Fluorobiphenyl
Concen: 71.486 ng
RT: 13.26 min Scan# 1732
Delta R.T. -0.01 min
Lab File: BG039292.D
Acq: 25 Jan 2019 23:57

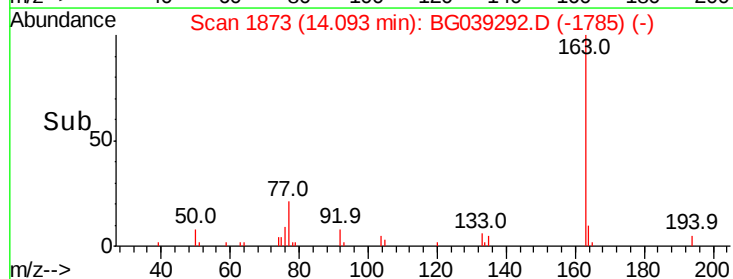
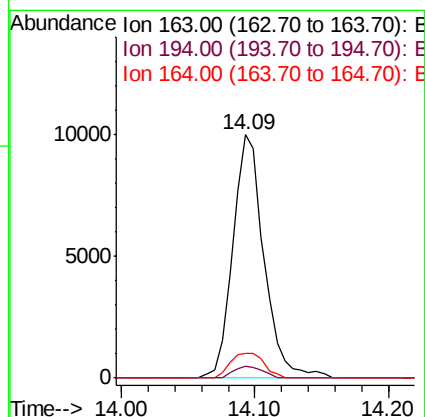
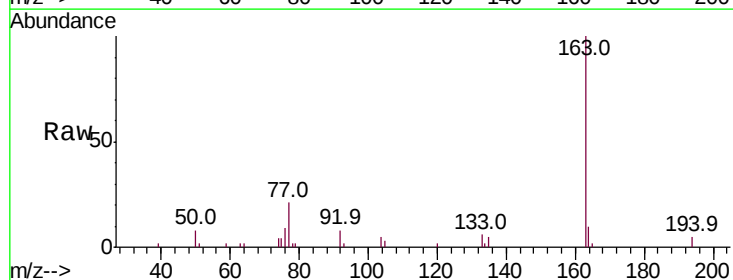
Instrument :
BNA_G
ClientSampleId :
CONCRETE-STAIRS

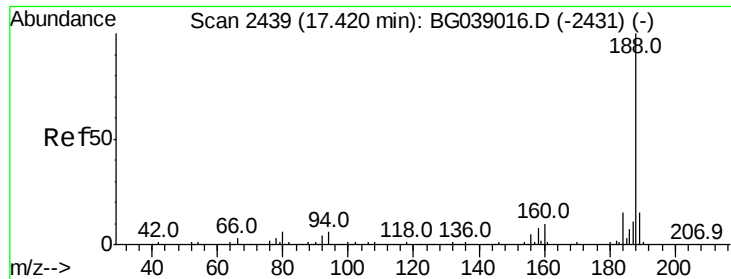
Tot Ion:172 Resp: 213836
Ion Ratio Lower Upper
172 100
171 37.0 29.4 44.0
170 23.2 20.1 30.1



#50
Dimethylphthalate
Concen: 4.697 ng
RT: 14.09 min Scan# 1873
Delta R.T. -0.01 min
Lab File: BG039292.D
Acq: 25 Jan 2019 23:57

Tgt Ion:163 Resp: 16248
Ion Ratio Lower Upper
163 100
194 4.7 3.6 5.4
164 10.2 8.2 12.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG039292.D

Acq: 25 Jan 2019 23:57

Instrument :

BNA_G

ClientSampleId :

CONCRETE-STAIRS

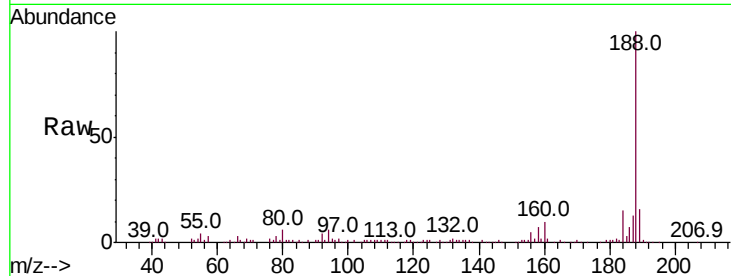
Tot Ion:188 Resp: 100895

Ion Ratio Lower Upper

188 100

94 5.9 5.0 7.4

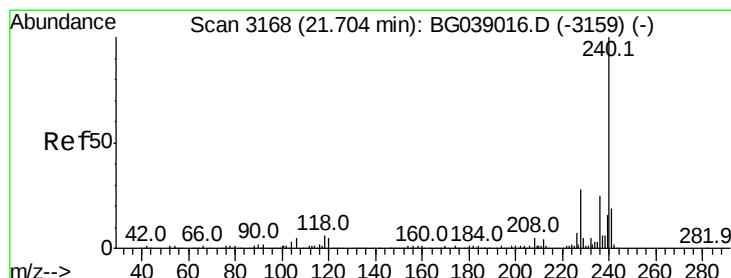
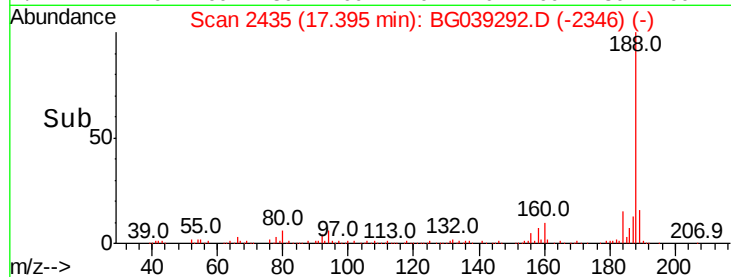
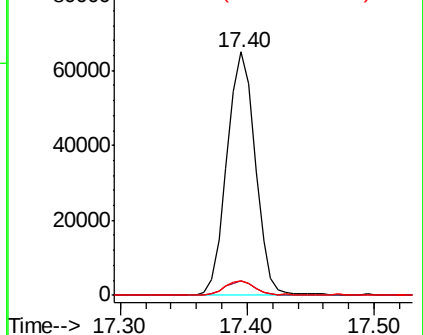
80 6.0 4.7 7.1



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: 21.67 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG039292.D

Acq: 25 Jan 2019 23:57

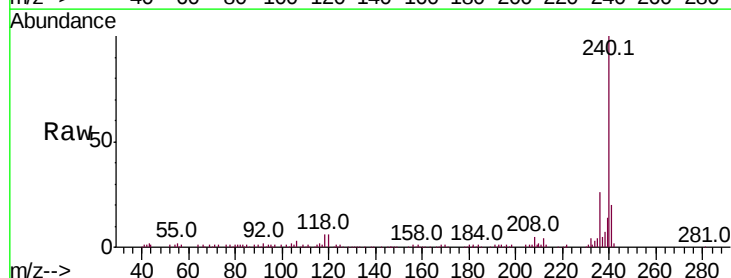
Tgt Ion:240 Resp: 117693

Ion Ratio Lower Upper

240 100

120 5.8 4.3 6.5

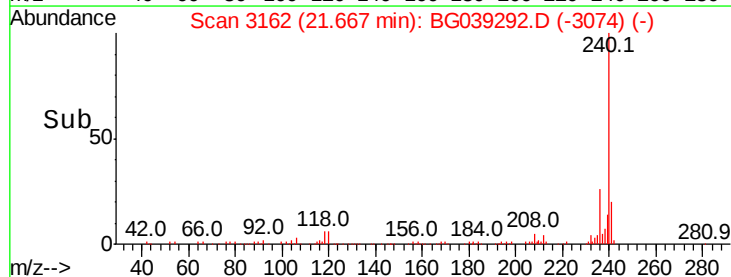
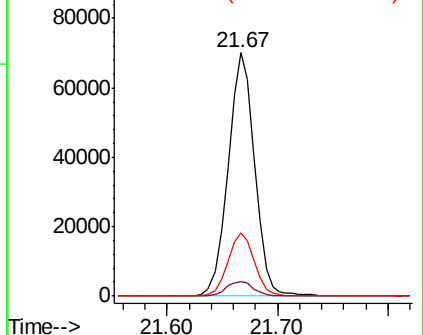
236 25.7 20.1 30.1

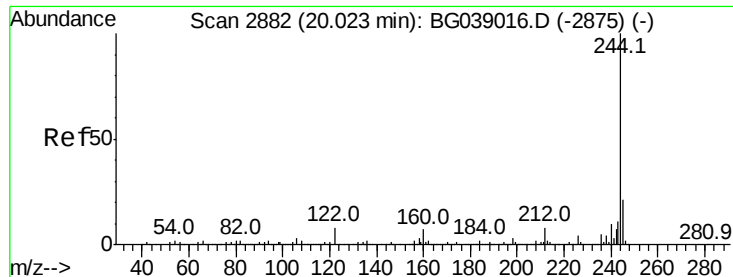


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 66.433 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.01 min

Lab File: BG039292.D

Acq: 25 Jan 2019 23:57

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CONCRETE-STAIRS

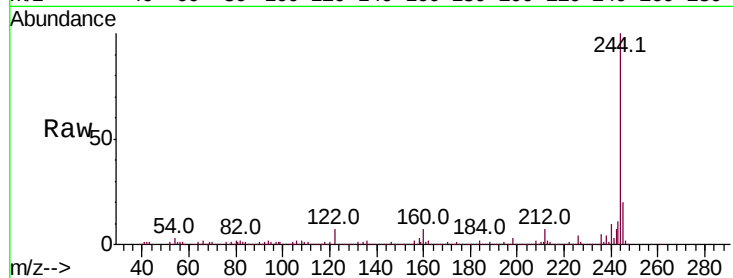
Tot Ion:244 Resp: 422656

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

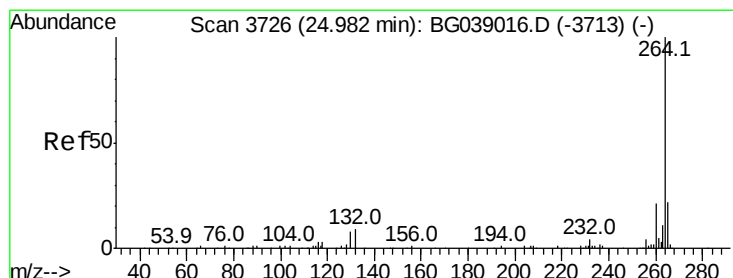
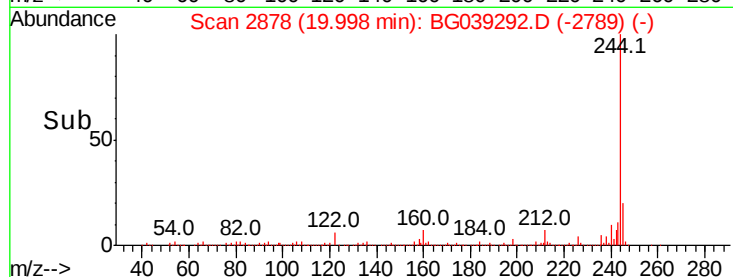
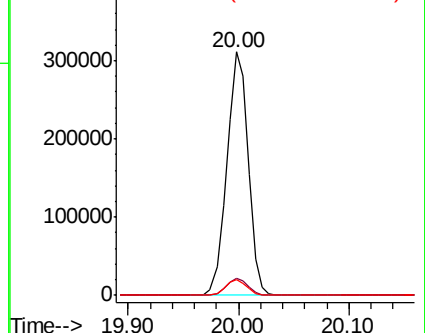
122 6.5 6.1 9.1



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: 24.92 min Scan# 3716

Delta R.T. -0.03 min

Lab File: BG039292.D

Acq: 25 Jan 2019 23:57

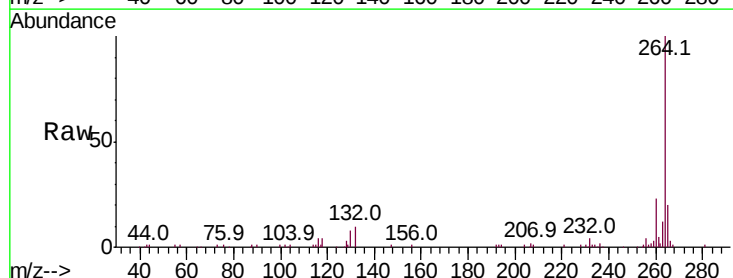
Tgt Ion:264 Resp: 134074

Ion Ratio Lower Upper

264 100

260 22.5 17.0 25.6

265 19.9 17.2 25.8



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

