

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020819\
 Data File : BG039421.D
 Acq On : 8 Feb 2019 18:36
 Operator : JU/SJ
 Sample : K1404-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DUP-02-06-19

Quant Time: Feb 09 00:12:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

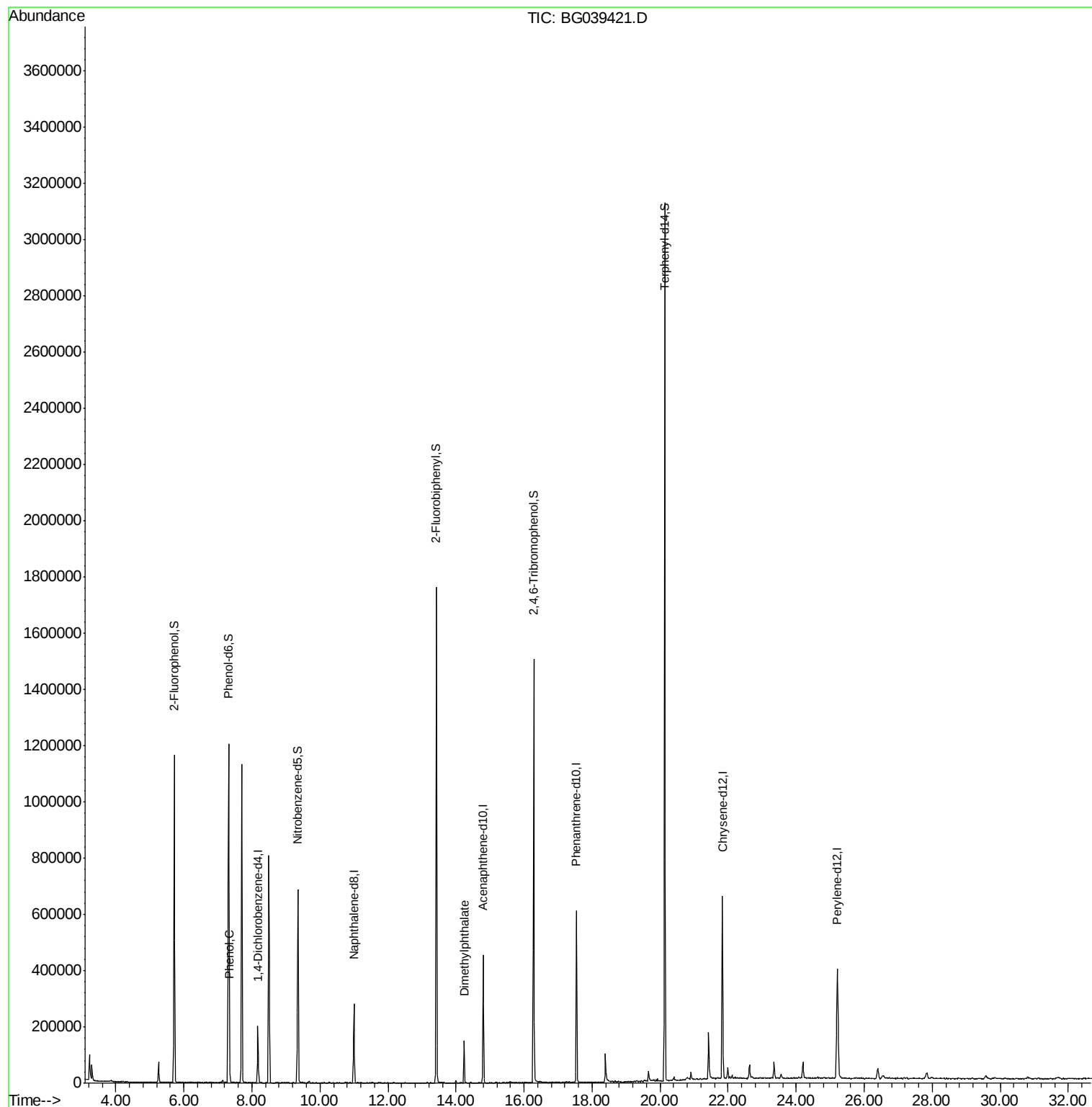
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	54949	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	239591	20.00	ng	-0.01
39) Acenaphthene-d10	14.80	164	158578	20.00	ng	-0.01
64) Phenanthrene-d10	17.54	188	380117	20.00	ng	-0.01
76) Chrysene-d12	21.83	240	413229	20.00	ng	-0.02
87) Perylene-d12	25.21	264	411034	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	483470	150.59	ng	0.00
7) Phenol-d6	7.31	99	703463	148.85	ng	0.00
23) Nitrobenzene-d5	9.35	82	416164	108.51	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	266365	155.99	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	936057	84.68	ng	-0.01
79) Terphenyl-d14	20.14	244	1457476	74.66	ng	-0.01
Target Compounds						
10) Phenol	7.34	94	43374	8.805	ng	93
50) Dimethylphthalate	14.24	163	101163	7.899	ng	98

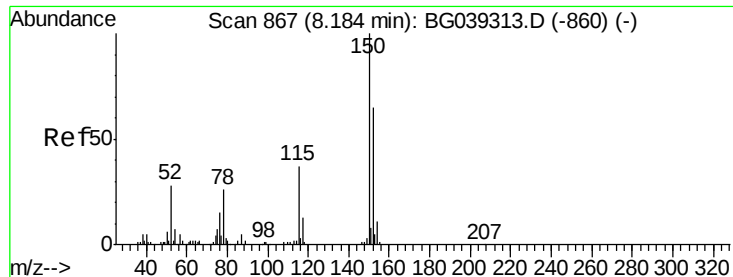
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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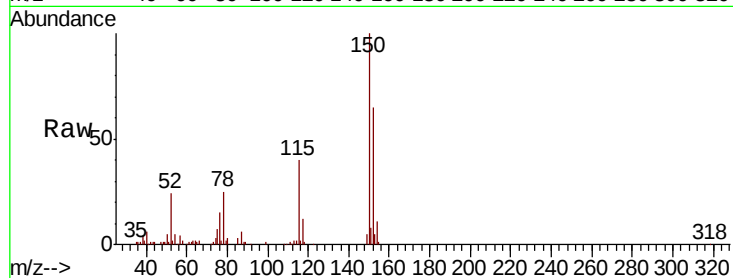


#1

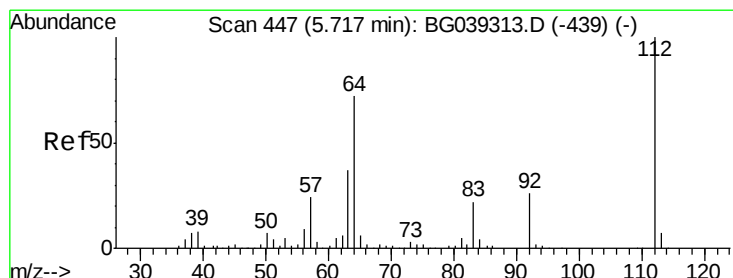
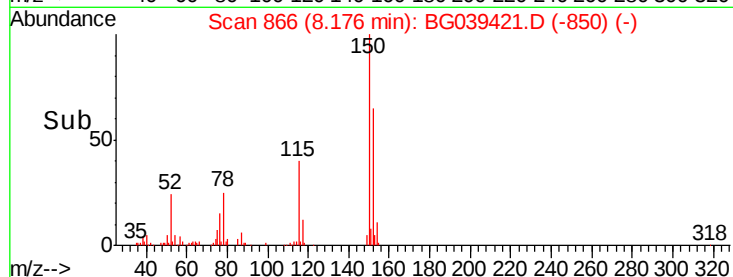
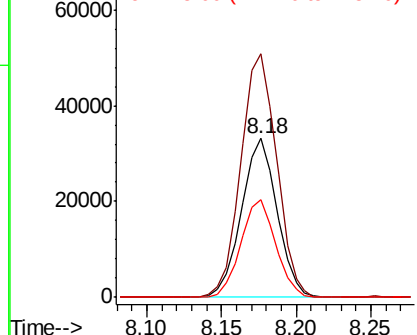
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BG039421.D
Acq: 8 Feb 2019 18:36

Instrument :
BNA_G
ClientSampleId :
DUP-02-06-19

Tot Ion:152 Resp: 54949
Ion Ratio Lower Upper
152 100
150 153.5 123.7 185.5
115 61.2 45.9 68.9



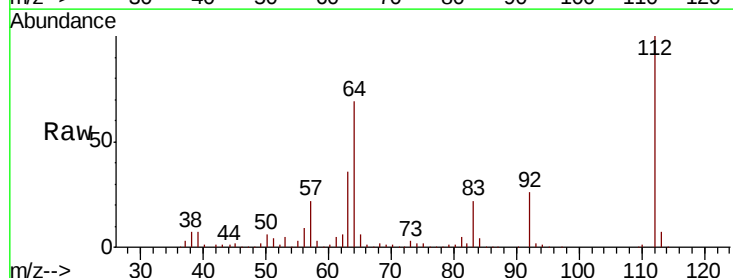
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



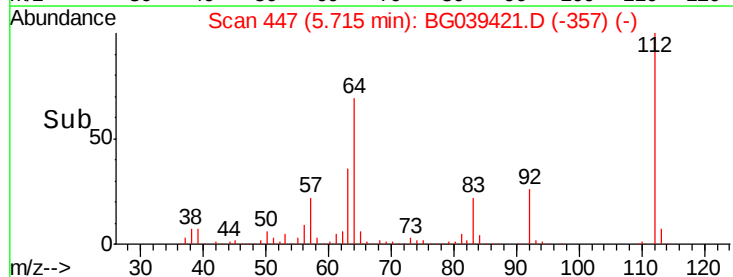
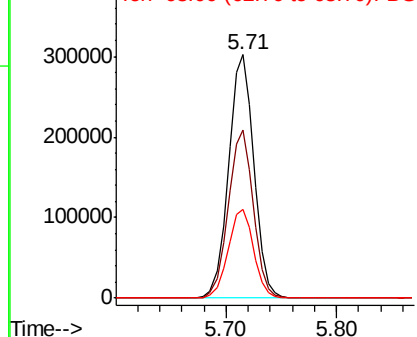
#5

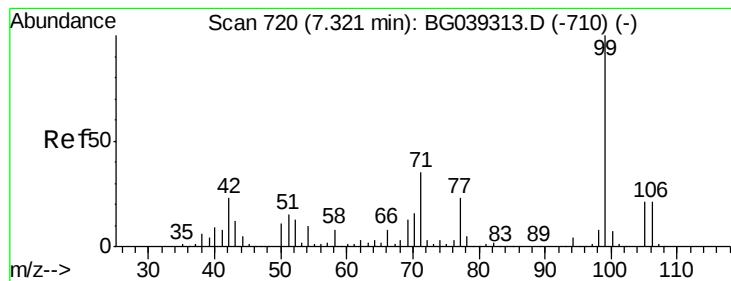
2-Fluorophenol
Concen: 150.587 ng
RT: 5.71 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039421.D
Acq: 8 Feb 2019 18:36

Tgt Ion:112 Resp: 483470
Ion Ratio Lower Upper
112 100
64 69.2 57.8 86.8
63 36.4 29.8 44.6



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: 148.854 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039421.D

Acq: 8 Feb 2019 18:36

Instrument :

BNA_G

ClientSampleId :

DUP-02-06-19

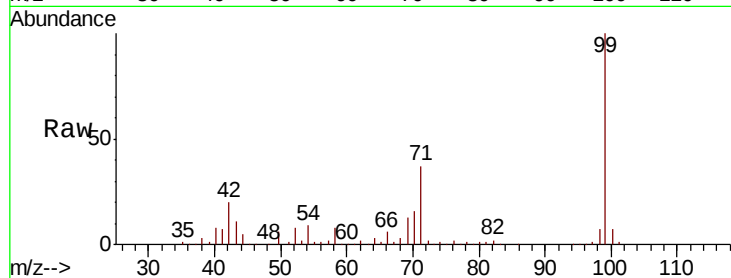
Tot Ion: 99 Resp: 703463

Ion Ratio Lower Upper

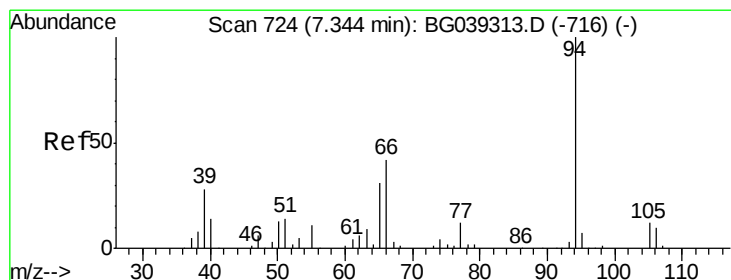
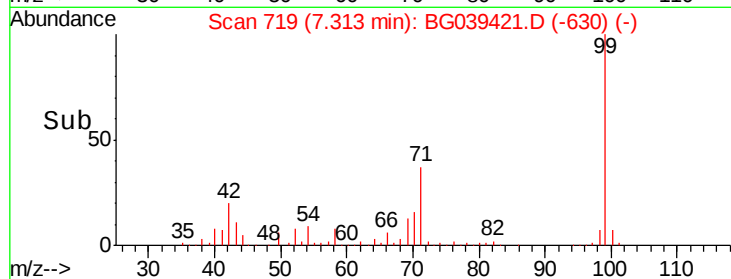
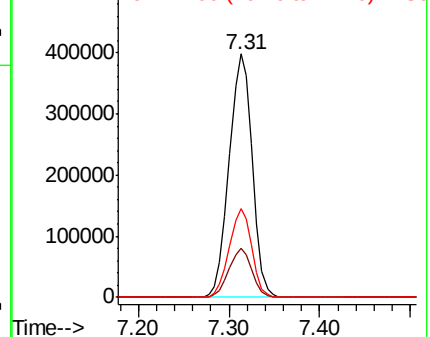
99 100

42 20.3 18.2 27.2

71 36.5 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: 8.805 ng

RT: 7.34 min Scan# 724

Delta R.T. -0.00 min

Lab File: BG039421.D

Acq: 8 Feb 2019 18:36

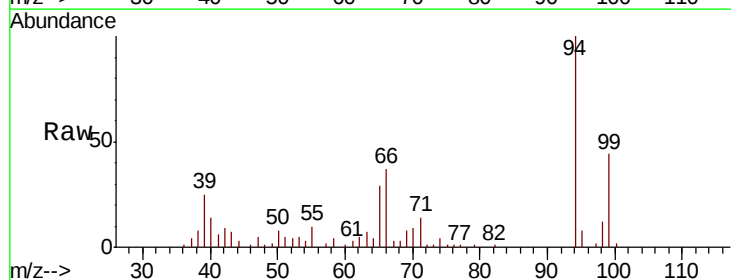
Tgt Ion: 94 Resp: 43374

Ion Ratio Lower Upper

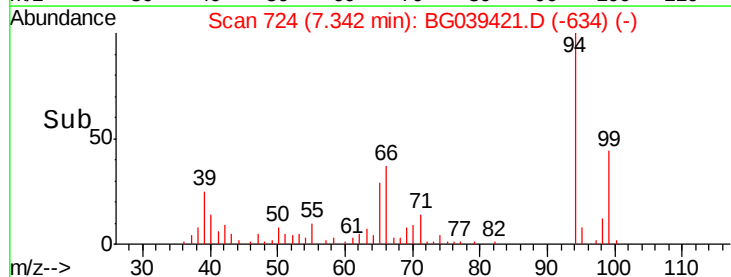
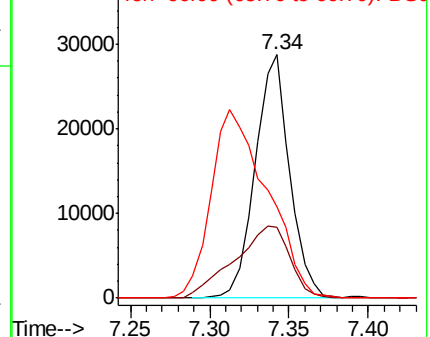
94 100

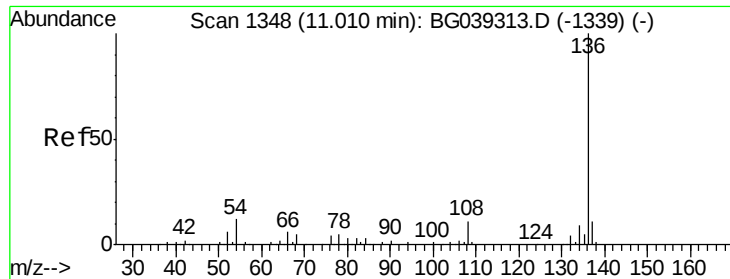
65 29.3 11.7 51.7

66 37.5 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

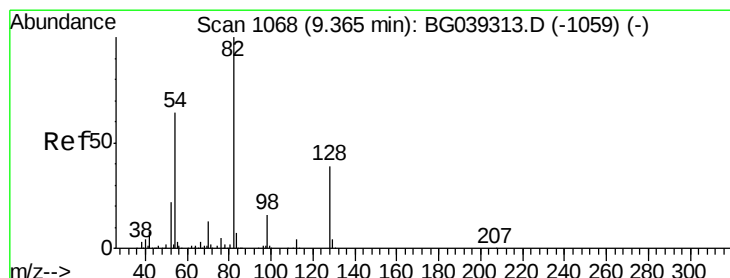
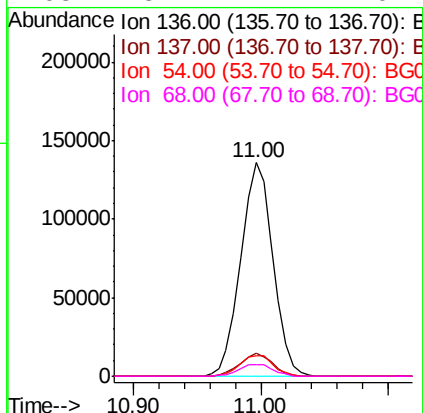
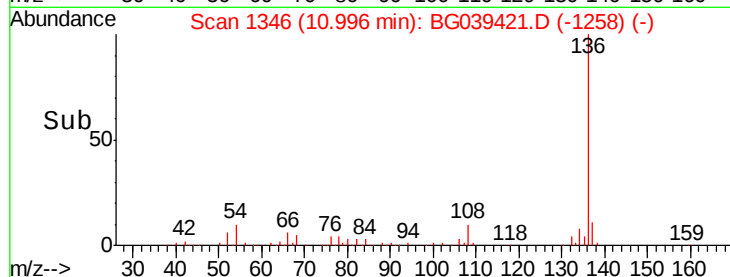
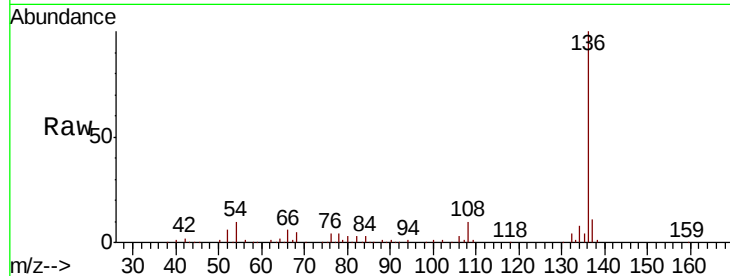




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG039421.D
Acq: 8 Feb 2019 18:36

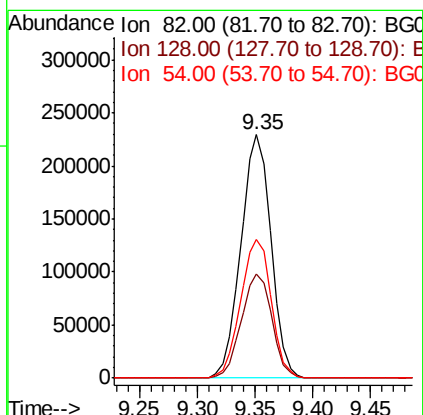
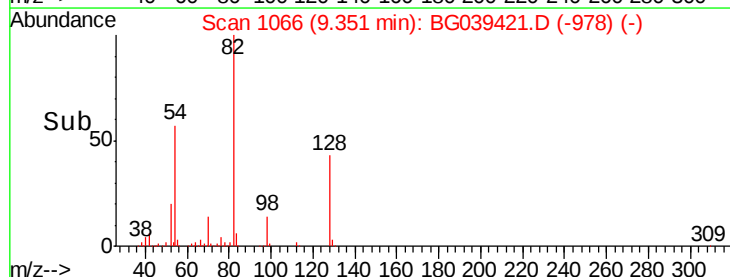
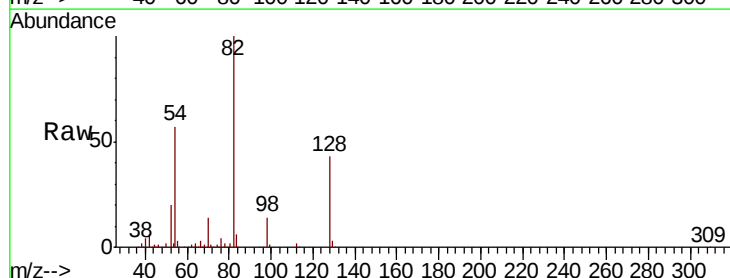
Instrument :
BNA_G
ClientSampleId :
DUP-02-06-19

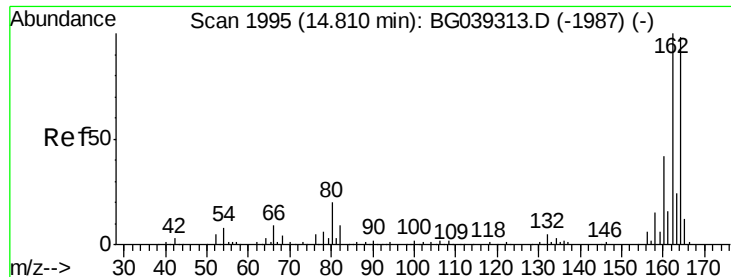
Tot Ion:136	Resp:	239591
Ion	Ratio	Lower Upper
136	100	
137	11.1	9.1 13.7
54	9.8	9.4 14.2
68	5.4	4.2 6.4



#23
Nitrobenzene-d5
Concen: 108.512 ng
RT: 9.35 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BG039421.D
Acq: 8 Feb 2019 18:36

Tgt Ion: 82	Resp:	416164
Ion	Ratio	Lower Upper
82	100	
128	42.6	31.3 46.9
54	57.2	50.9 76.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.80 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BG039421.D

Acq: 8 Feb 2019 18:36

Instrument :

BNA_G

ClientSampleId :

DUP-02-06-19

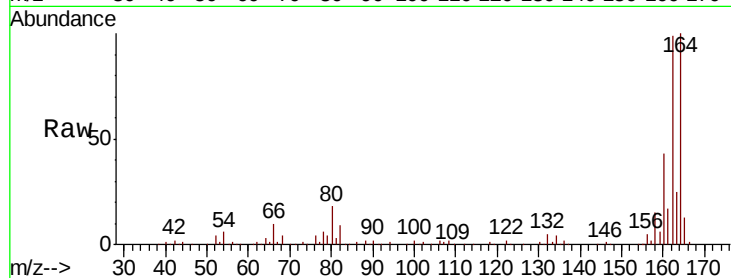
Tot Ion:164 Resp: 158578

Ion Ratio Lower Upper

164 100

162 98.6 81.6 122.4

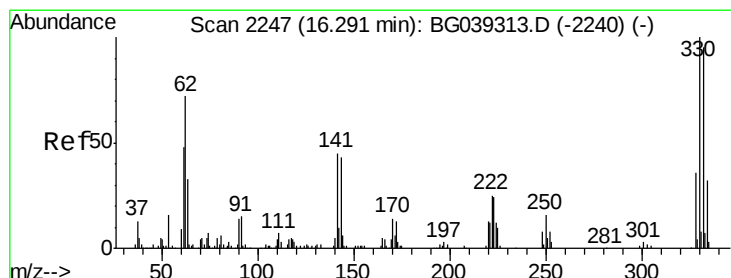
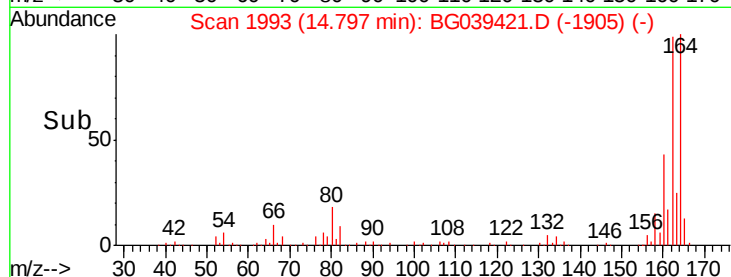
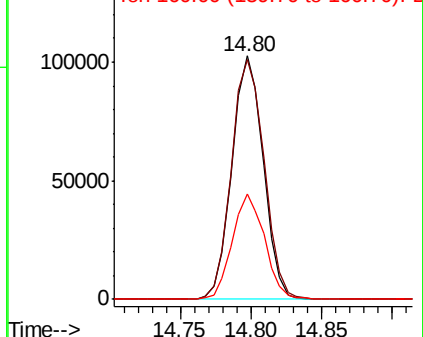
160 43.4 34.2 51.2



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: 155.987 ng

RT: 16.28 min Scan# 2246

Delta R.T. -0.01 min

Lab File: BG039421.D

Acq: 8 Feb 2019 18:36

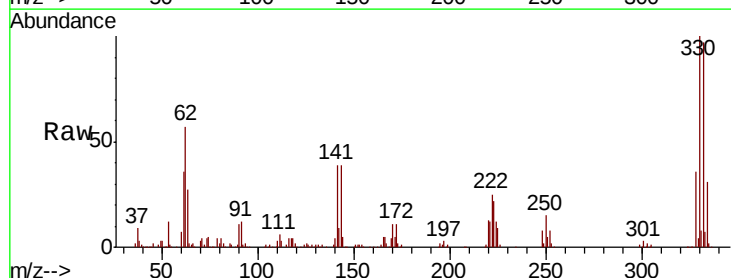
Tgt Ion:330 Resp: 266365

Ion Ratio Lower Upper

330 100

332 97.4 75.7 113.5

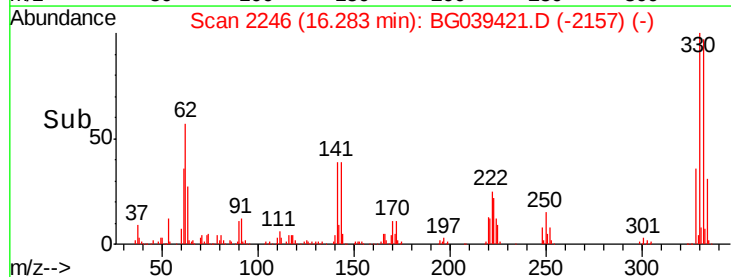
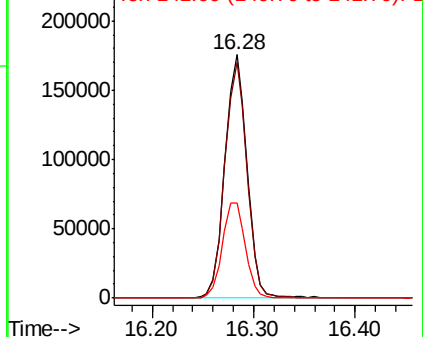
141 40.8 35.6 53.4



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

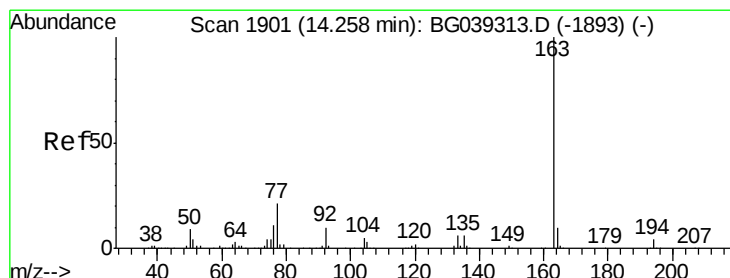
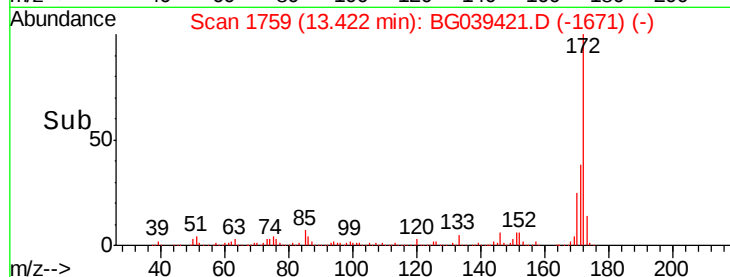
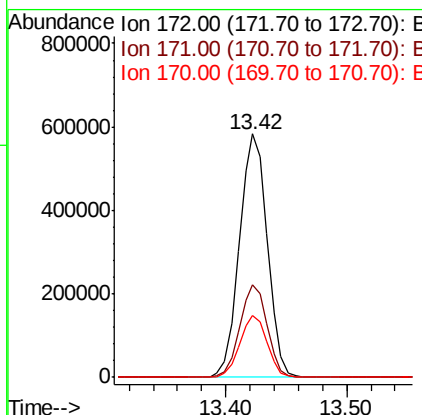
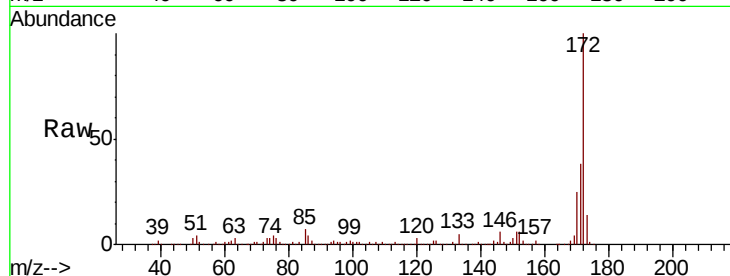




#45
2-Fluorobiphenyl
Concen: 84.679 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BG039421.D
Acq: 8 Feb 2019 18:36

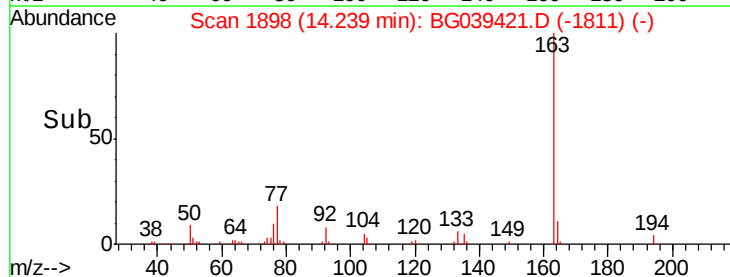
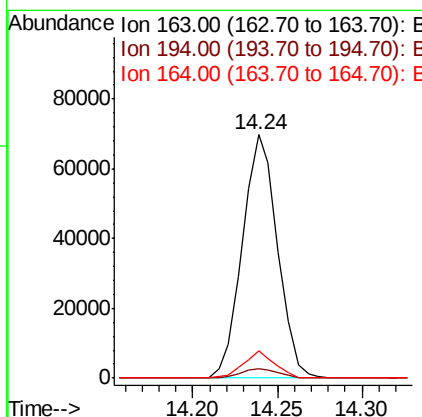
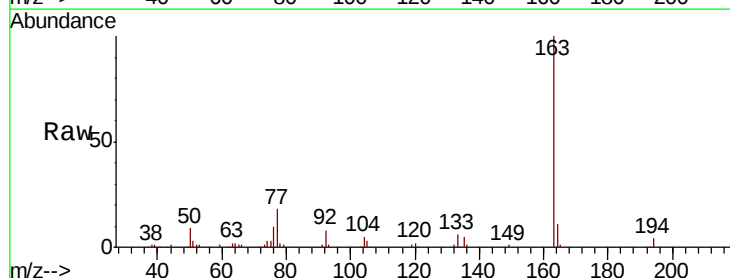
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BNA_G
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DUP-02-06-19

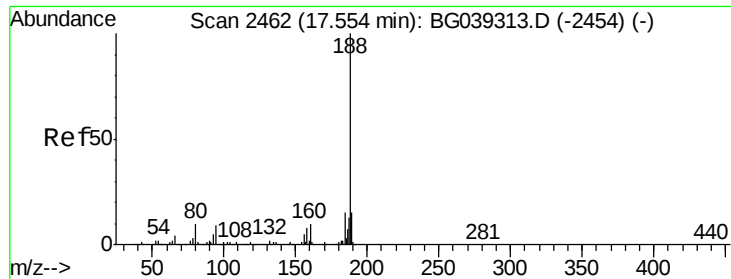
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.8	46.2
170	25.2	20.2	30.4



#50
Dimethylphthalate
Concen: 7.899 ng
RT: 14.24 min Scan# 1898
Delta R.T. -0.02 min
Lab File: BG039421.D
Acq: 8 Feb 2019 18:36

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.6	5.4
164	11.2	8.4	12.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.54 min Scan# 2460

Delta R.T. -0.01 min

Lab File: BG039421.D

Acq: 8 Feb 2019 18:36

Instrument :

BNA_G

ClientSampleId :

DUP-02-06-19

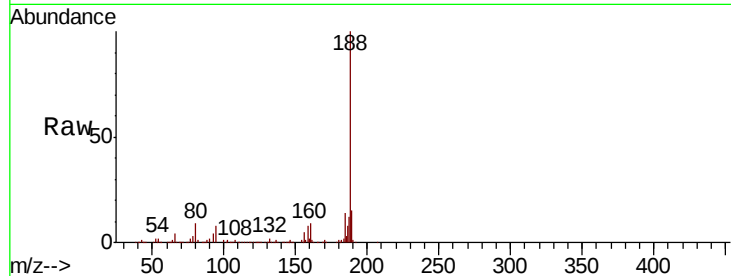
Tot Ion:188 Resp: 380117

Ion Ratio Lower Upper

188 100

94 8.1 6.9 10.3

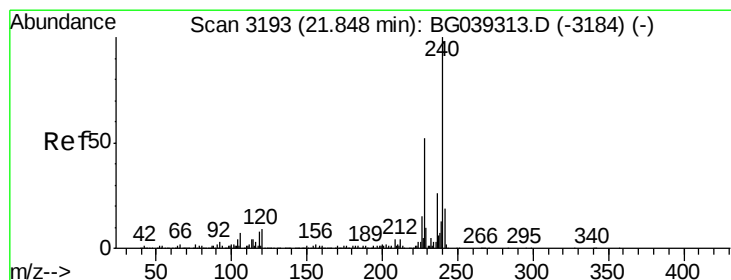
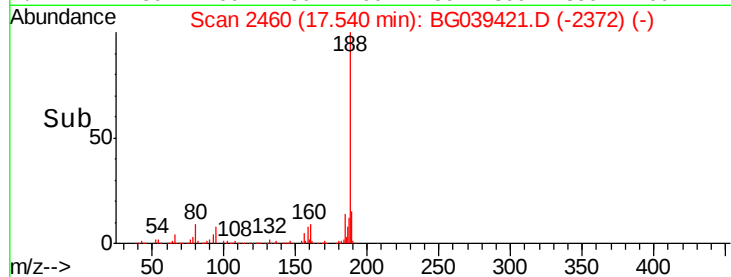
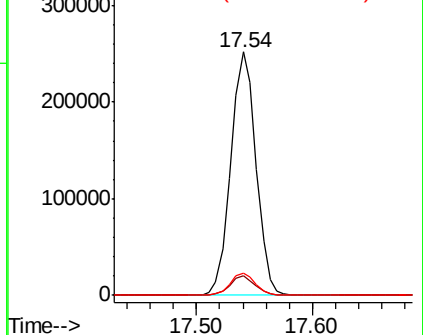
80 9.3 8.1 12.1



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: 21.83 min Scan# 3190

Delta R.T. -0.02 min

Lab File: BG039421.D

Acq: 8 Feb 2019 18:36

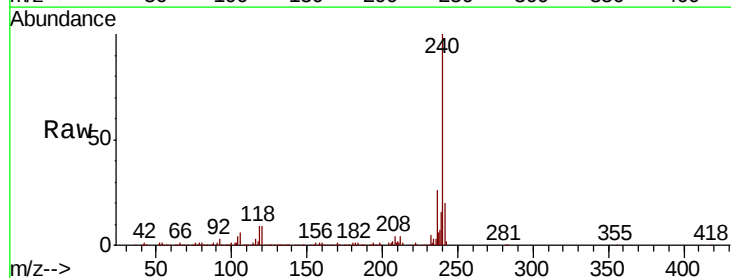
Tgt Ion:240 Resp: 413229

Ion Ratio Lower Upper

240 100

120 9.2 7.0 10.6

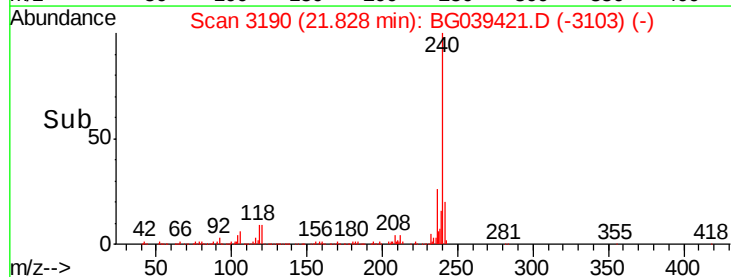
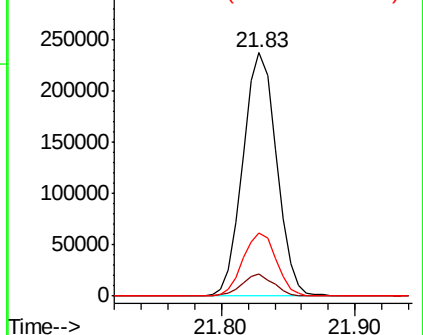
236 25.7 21.0 31.4

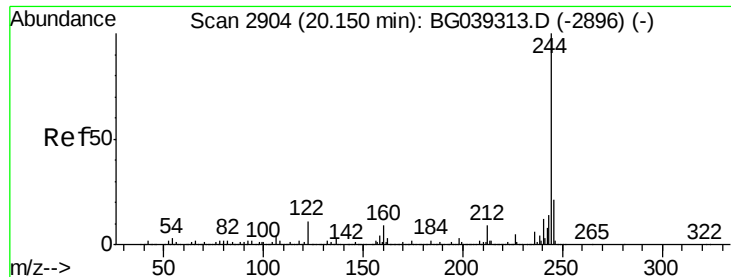


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 74.656 ng

RT: 20.14 min Scan# 2902

Delta R.T. -0.01 min

Lab File: BG039421.D

Acq: 8 Feb 2019 18:36

Instrument :

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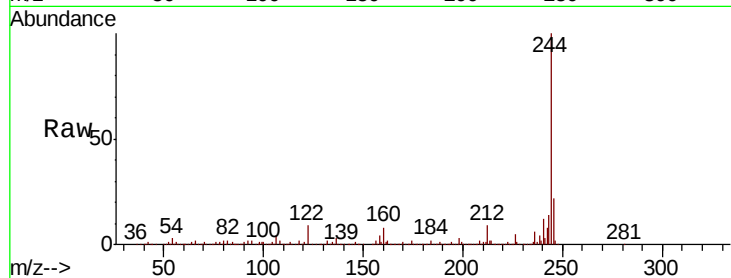
Tot Ion:244 Resp: 1457476

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.3	10.9
122	9.3	8.4	12.6

244 100

212 8.9 7.3 10.9

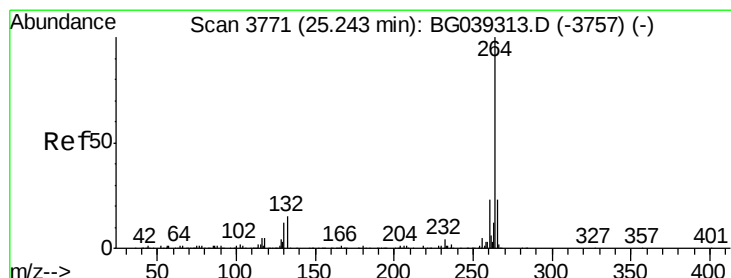
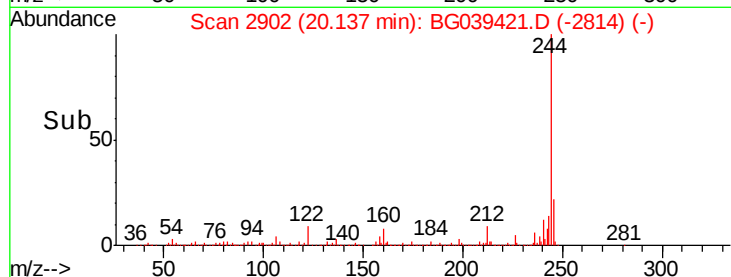
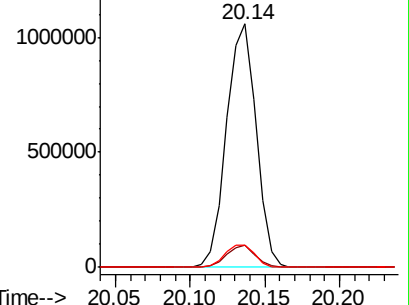
122 9.3 8.4 12.6



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: 25.21 min Scan# 3766

Delta R.T. -0.03 min

Lab File: BG039421.D

Acq: 8 Feb 2019 18:36

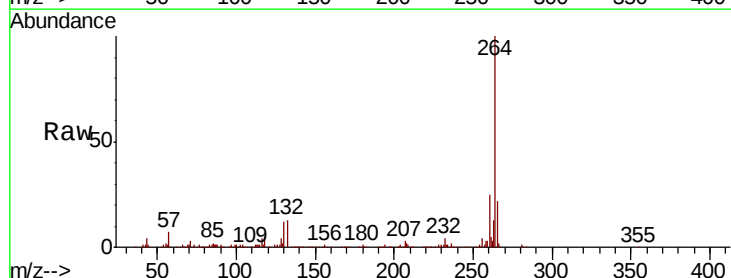
Tgt Ion:264 Resp: 411034

Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.2	27.4
265	21.9	18.5	27.7

264 100

260 24.8 18.2 27.4

265 21.9 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

