

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012919\
 Data File : BG039322.D
 Acq On : 29 Jan 2019 18:23
 Operator : JU/SJ
 Sample : K1266-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 012519-TIPC-F-U-B

Quant Time: Jan 30 03:08:52 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

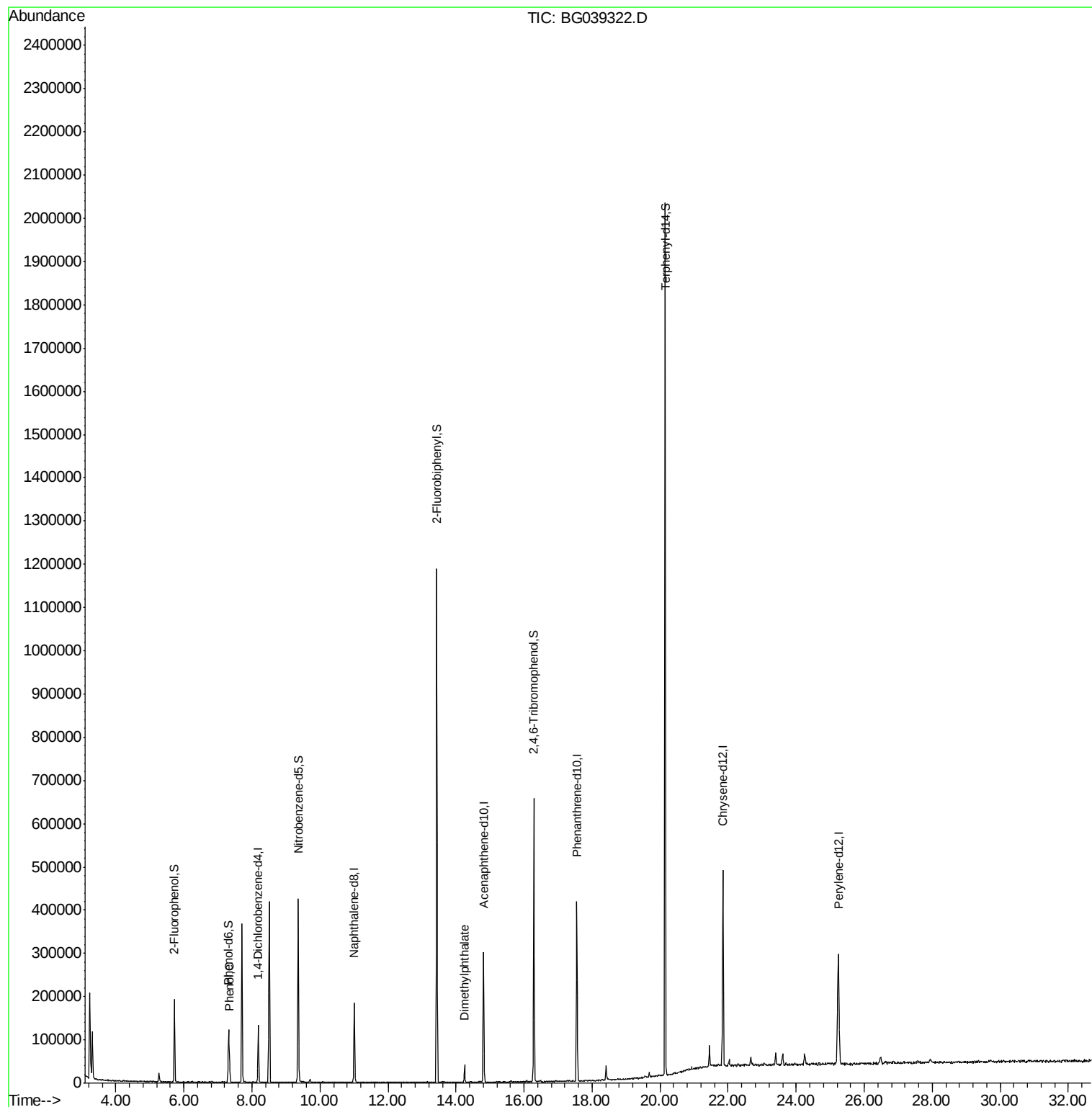
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	36339	20.00	ng	0.00
21) Naphthalene-d8	11.01	136	153350	20.00	ng	0.00
39) Acenaphthene-d10	14.81	164	100499	20.00	ng	0.00
64) Phenanthrene-d10	17.55	188	248387	20.00	ng	0.00
76) Chrysene-d12	21.85	240	271781	20.00	ng	0.00
87) Perylene-d12	25.24	264	276367	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	77145	36.33	ng	0.00
7) Phenol-d6	7.31	99	64290	20.57	ng	0.00
23) Nitrobenzene-d5	9.36	82	239951	97.75	ng	0.00
42) 2,4,6-Tribromophenol	16.29	330	100198	92.59	ng	0.00
45) 2-Fluorobiphenyl	13.43	172	595696	85.03	ng	0.00
79) Terphenyl-d14	20.15	244	916174	71.35	ng	0.00
Target Compounds						
10) Phenol	7.34	94	25251	7.751	ng	94
50) Dimethylphthalate	14.25	163	24599	3.031	ng	99

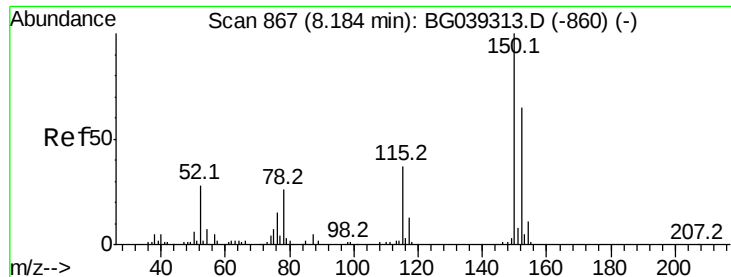
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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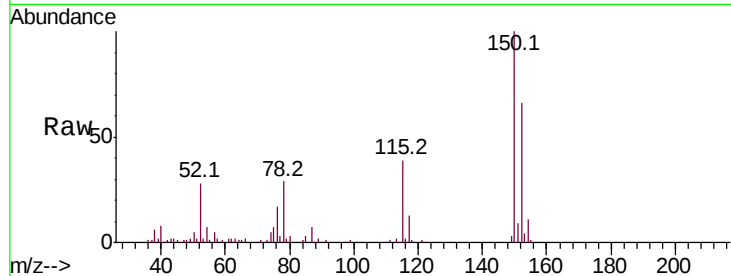


#1

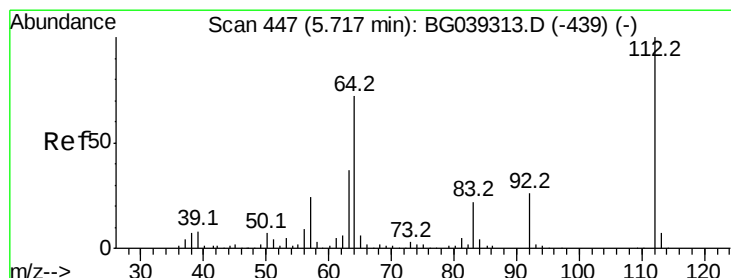
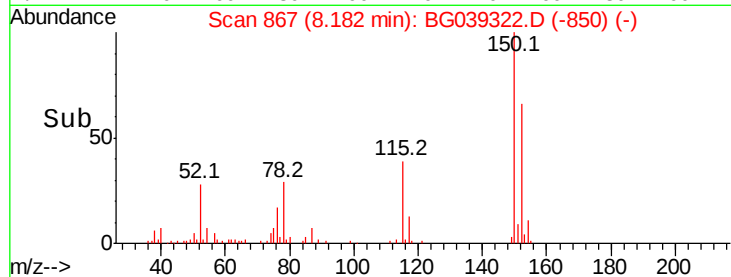
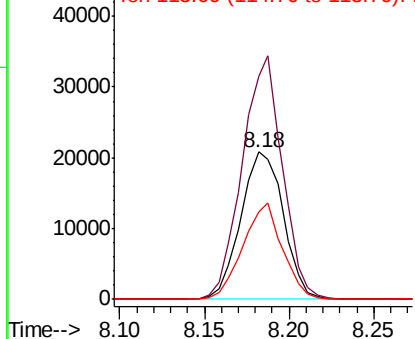
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.18 min Scan# 867
Delta R.T. -0.00 min
Lab File: BG039322.D
Acq: 29 Jan 2019 18:23

Instrument :
BNA_G
ClientSampleId :
012519-TIPC-F-U-B

Tot Ion:152 Resp: 36339
Ion Ratio Lower Upper
152 100
150 151.5 123.7 185.5
115 59.0 45.9 68.9



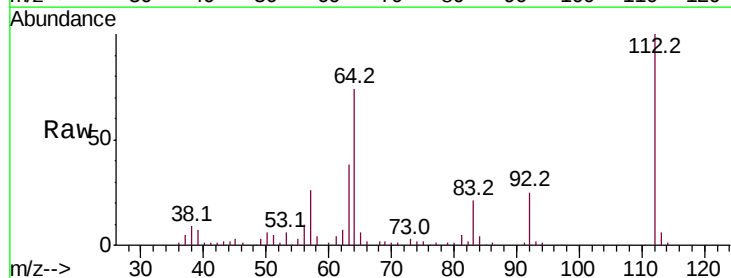
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



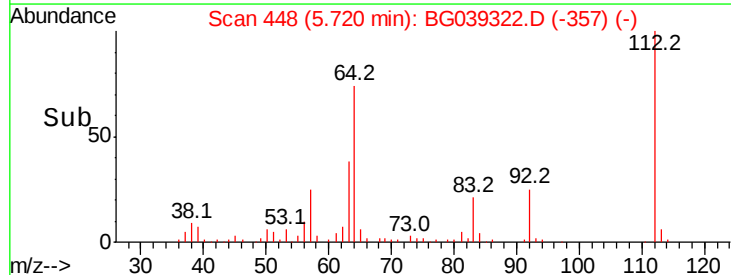
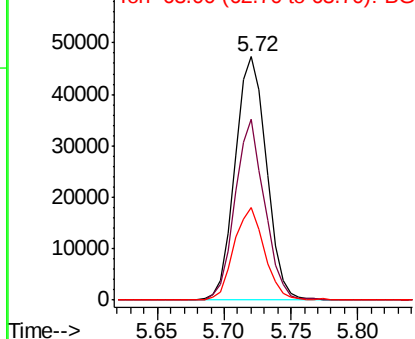
#5

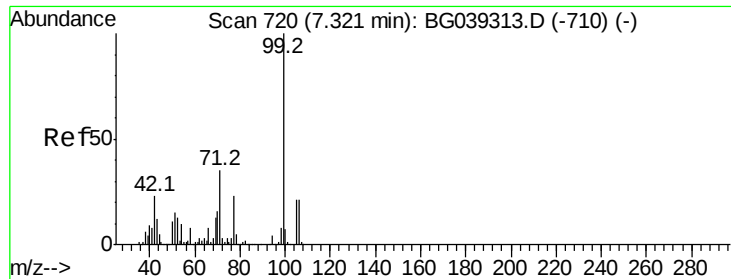
2-Fluorophenol
Concen: 36.334 ng
RT: 5.72 min Scan# 448
Delta R.T. 0.00 min
Lab File: BG039322.D
Acq: 29 Jan 2019 18:23

Tgt Ion:112 Resp: 77145
Ion Ratio Lower Upper
112 100
64 74.2 57.8 86.8
63 38.0 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: 20.571 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039322.D

Acq: 29 Jan 2019 18:23

Instrument :

BNA_G

ClientSampleId :

012519-TIPC-F-U-B

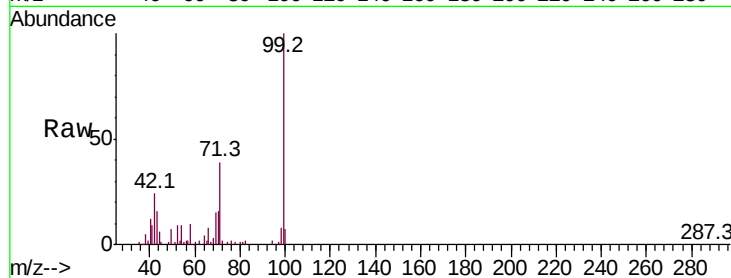
Tot Ion: 99 Resp: 64290

Ion Ratio Lower Upper

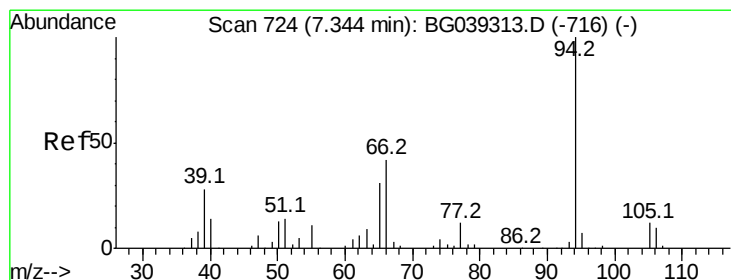
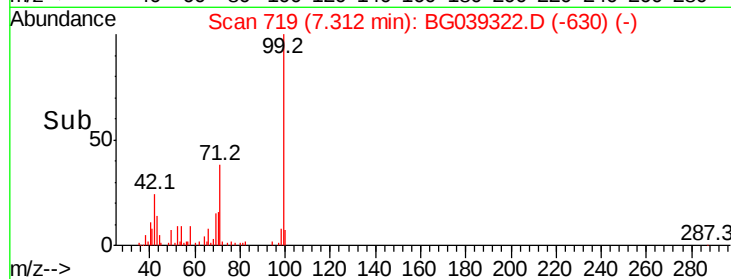
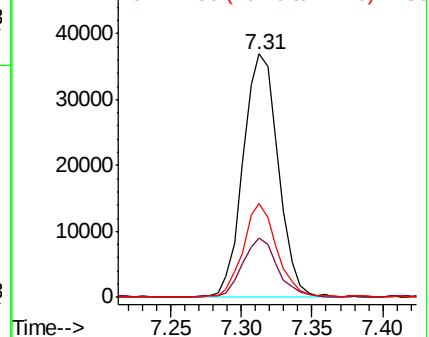
99 100

42 24.4 18.2 27.2

71 38.6 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: 7.751 ng

RT: 7.34 min Scan# 724

Delta R.T. -0.00 min

Lab File: BG039322.D

Acq: 29 Jan 2019 18:23

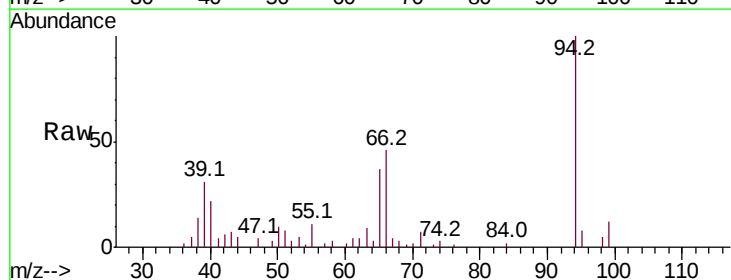
Tgt Ion: 94 Resp: 25251

Ion Ratio Lower Upper

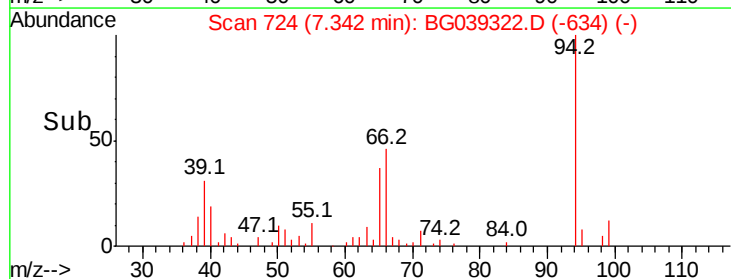
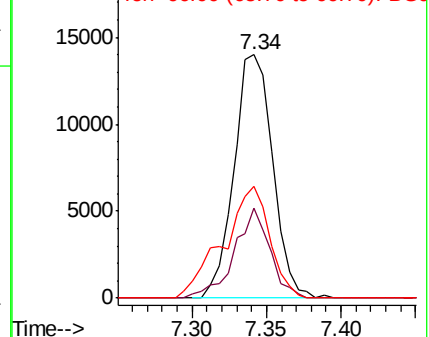
94 100

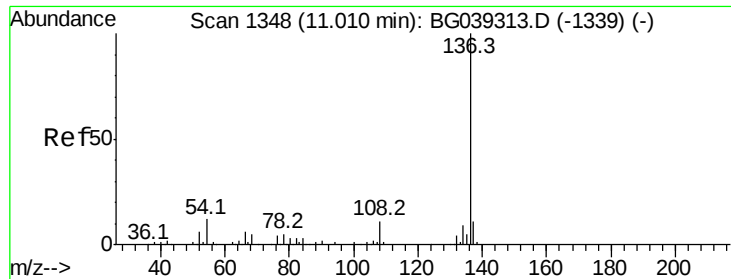
65 36.9 11.7 51.7

66 46.0 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

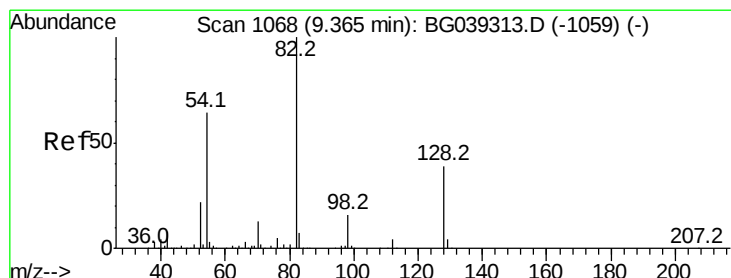
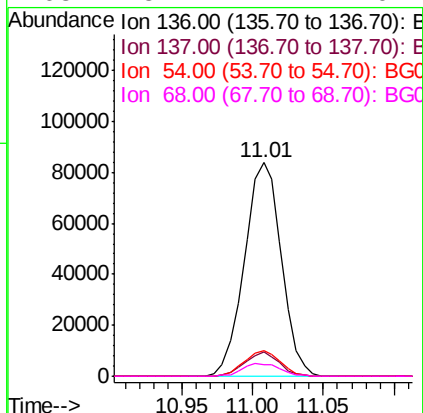
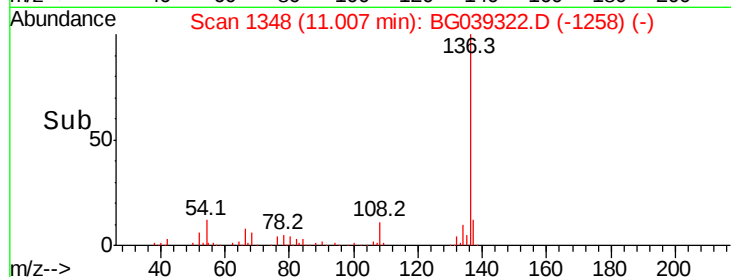
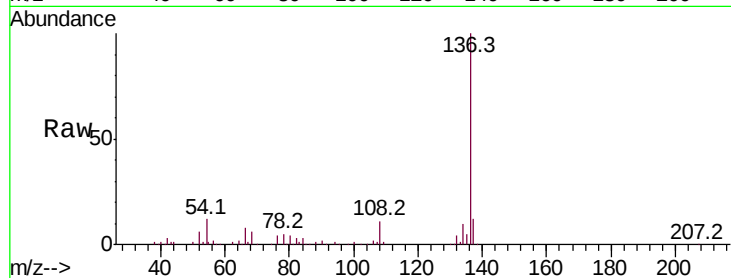




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.01 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BG039322.D
Acq: 29 Jan 2019 18:23

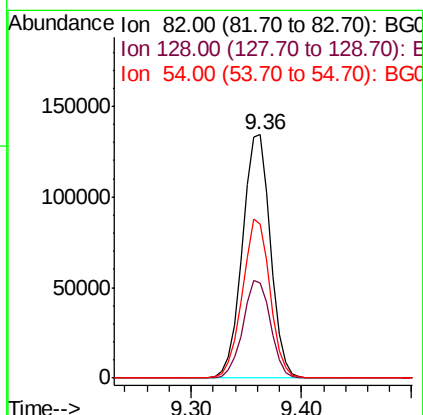
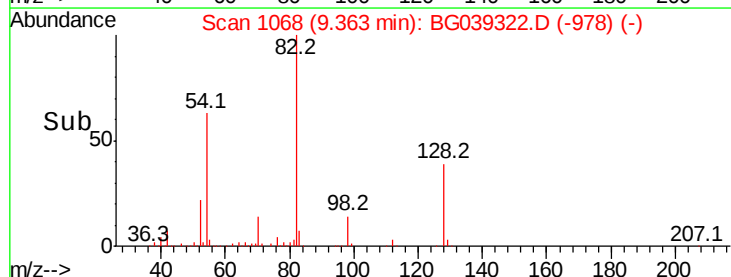
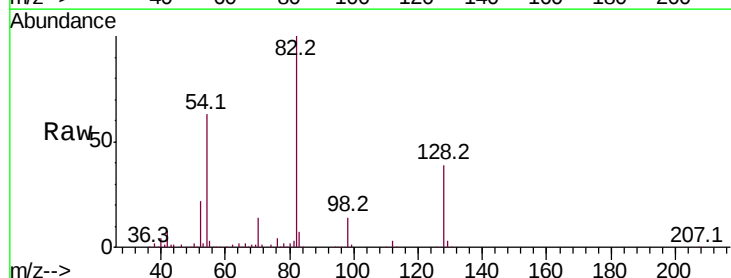
Instrument :
BNA_G
ClientSampleId :
012519-TIPC-F-U-B

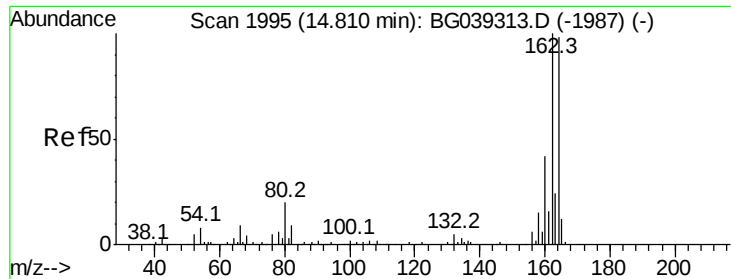
Tot Ion:136	Resp:	153350
Ion	Ratio	Lower Upper
136	100	
137	11.5	9.1 13.7
54	12.0	9.4 14.2
68	5.7	4.2 6.4



#23
Nitrobenzene-d5
Concen: 97.751 ng
RT: 9.36 min Scan# 1068
Delta R.T. -0.00 min
Lab File: BG039322.D
Acq: 29 Jan 2019 18:23

Tgt Ion: 82	Resp:	239951
Ion	Ratio	Lower Upper
82	100	
128	39.3	31.3 46.9
54	63.4	50.9 76.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.81 min Scan# 1995

Delta R.T. -0.00 min

Lab File: BG039322.D

Acq: 29 Jan 2019 18:23

Instrument :

BNA_G

ClientSampleId :

012519-TIPC-F-U-B

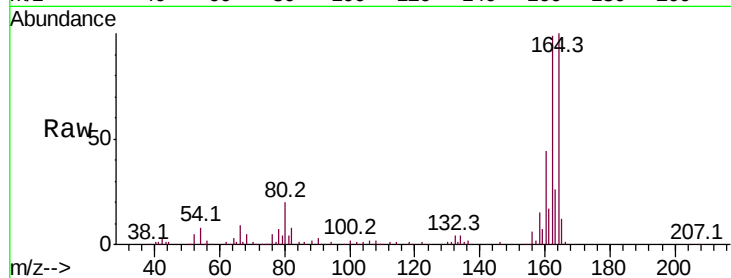
Tot Ion:164 Resp: 100499

Ion Ratio Lower Upper

164 100

162 99.5 81.6 122.4

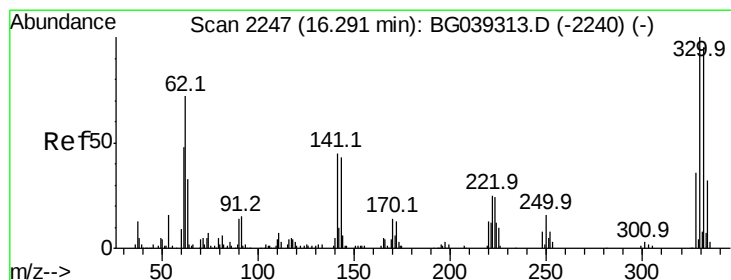
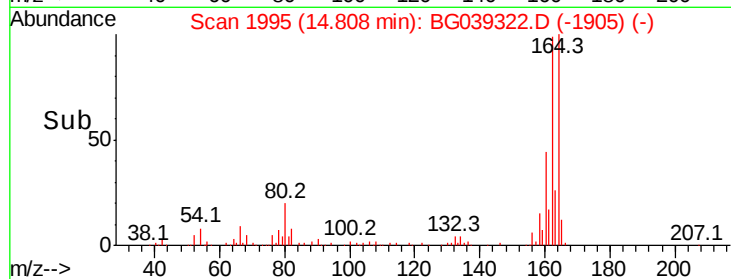
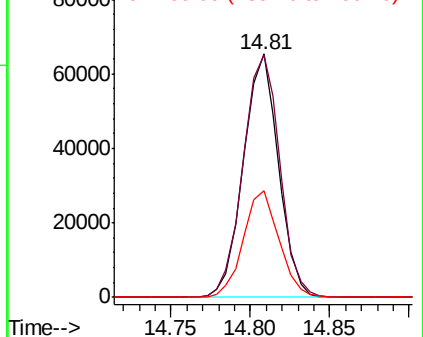
160 43.7 34.2 51.2



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: 92.587 ng

RT: 16.29 min Scan# 2247

Delta R.T. -0.00 min

Lab File: BG039322.D

Acq: 29 Jan 2019 18:23

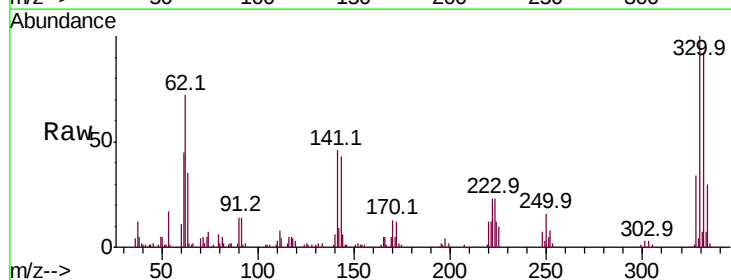
Tgt Ion:330 Resp: 100198

Ion Ratio Lower Upper

330 100

332 96.8 75.7 113.5

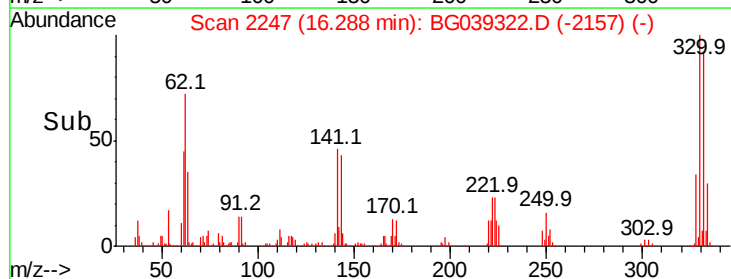
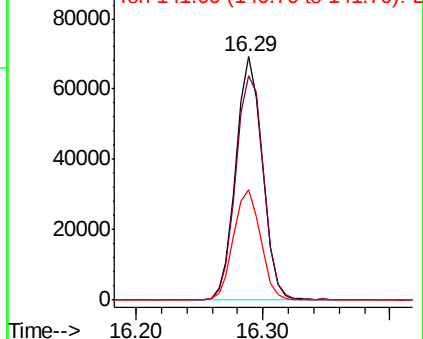
141 46.1 35.6 53.4

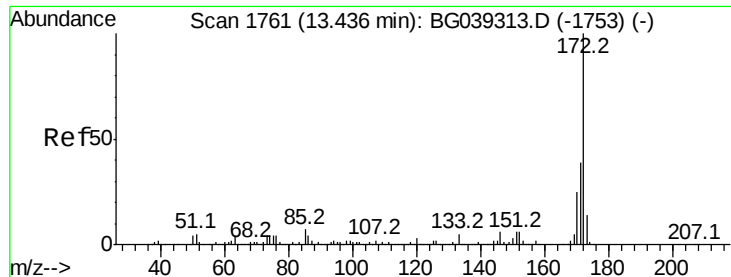


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

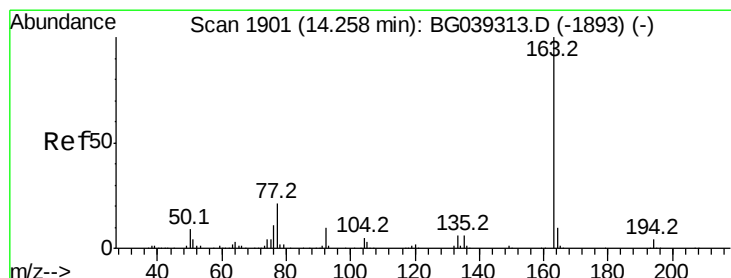
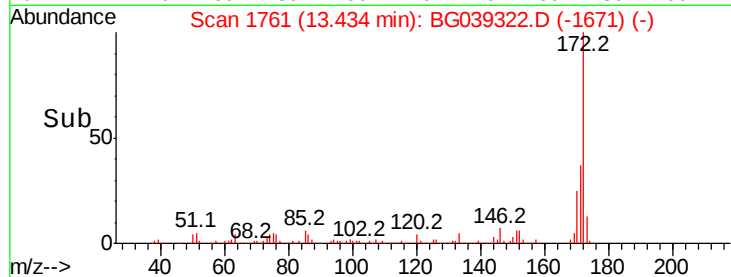
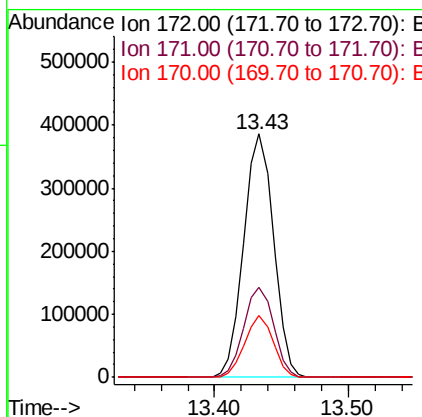
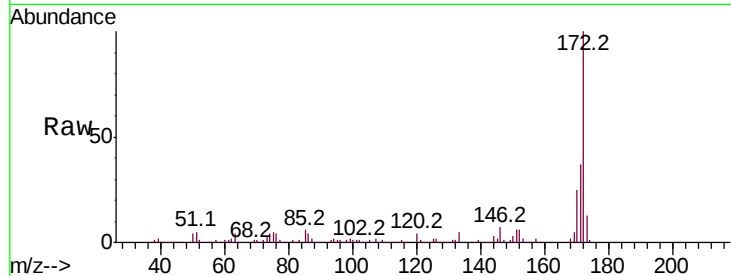




#45
2-Fluorobiphenyl
Concen: 85.031 ng
RT: 13.43 min Scan# 1761
Delta R.T. -0.00 min
Lab File: BG039322.D
Acq: 29 Jan 2019 18:23

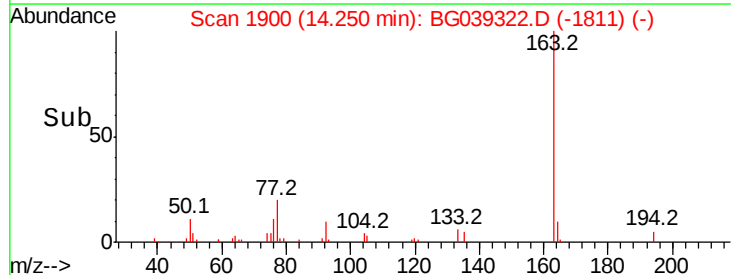
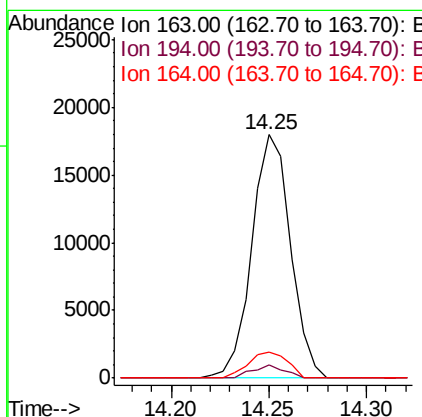
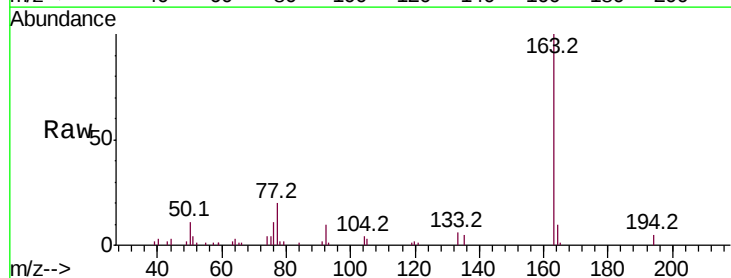
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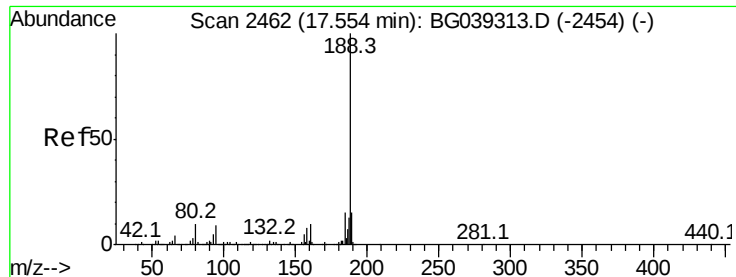
Tot Ion:172 Resp: 595696
Ion Ratio Lower Upper
172 100
171 37.0 30.8 46.2
170 25.2 20.2 30.4



#50
Dimethylphthalate
Concen: 3.031 ng
RT: 14.25 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BG039322.D
Acq: 29 Jan 2019 18:23

Tgt Ion:163 Resp: 24599
Ion Ratio Lower Upper
163 100
194 5.3 3.6 5.4
164 10.5 8.4 12.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.55 min Scan# 2462

Delta R.T. -0.00 min

Lab File: BG039322.D

Acq: 29 Jan 2019 18:23

Instrument :

BNA_G

ClientSampleId :

012519-TIPC-F-U-B

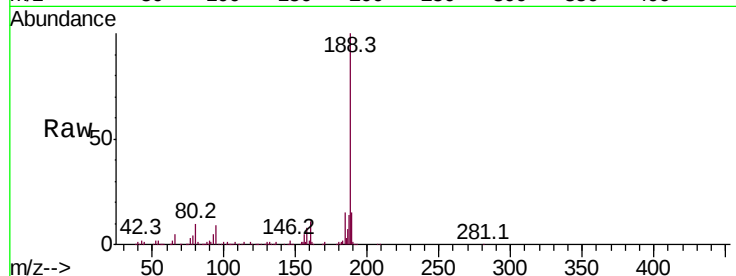
Tot Ion:188 Resp: 248387

Ion Ratio Lower Upper

188 100

94 8.8 6.9 10.3

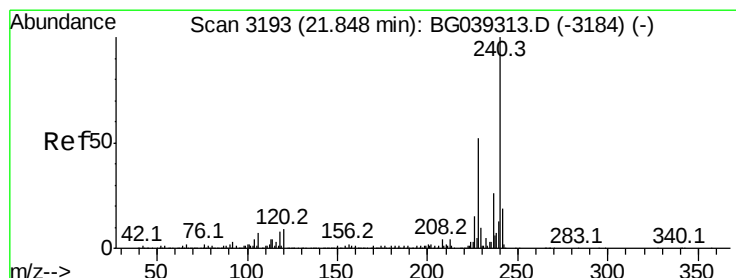
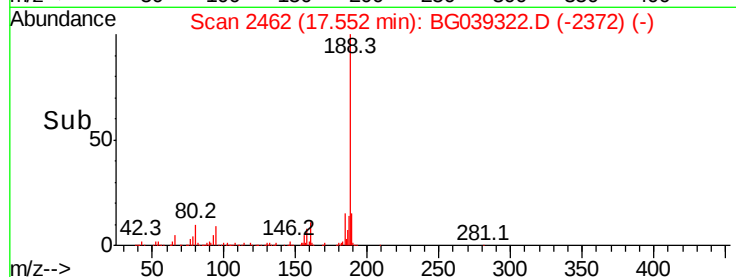
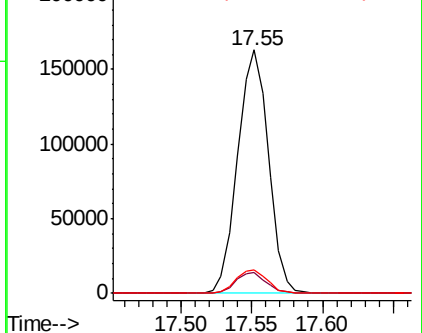
80 9.6 8.1 12.1



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: 21.85 min Scan# 3193

Delta R.T. -0.00 min

Lab File: BG039322.D

Acq: 29 Jan 2019 18:23

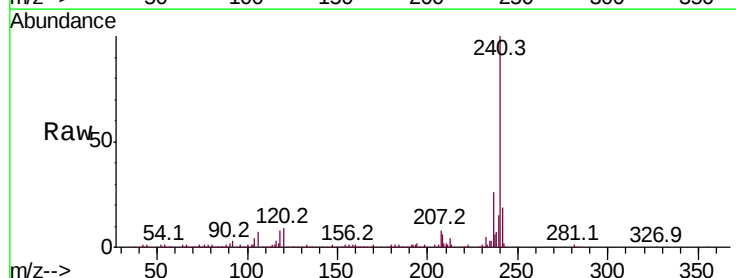
Tgt Ion:240 Resp: 271781

Ion Ratio Lower Upper

240 100

120 8.7 7.0 10.6

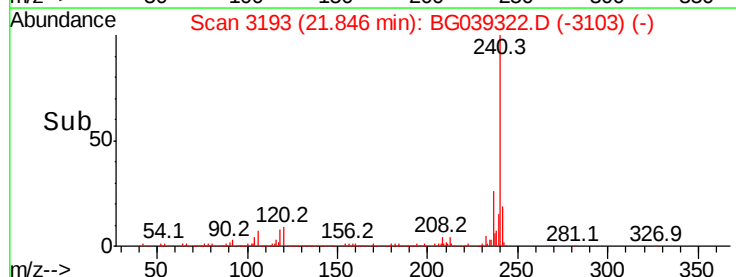
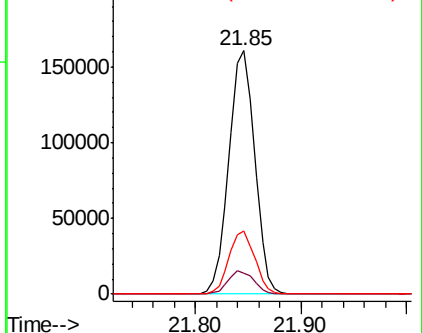
236 25.7 21.0 31.4

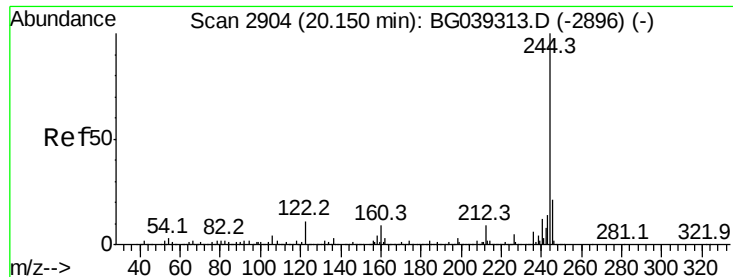


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 71.354 ng

RT: 20.15 min Scan# 2904

Delta R.T. -0.00 min

Lab File: BG039322.D

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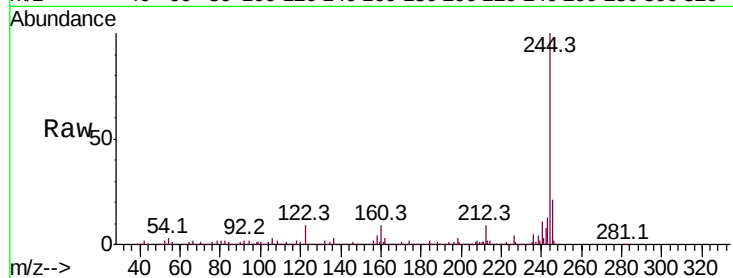
Tot Ion:244 Resp: 916174

Ion Ratio Lower Upper

244 100

212 8.7 7.3 10.9

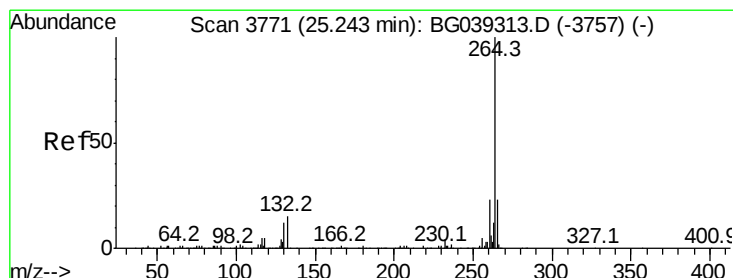
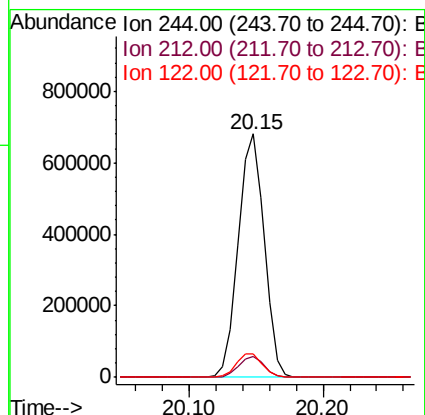
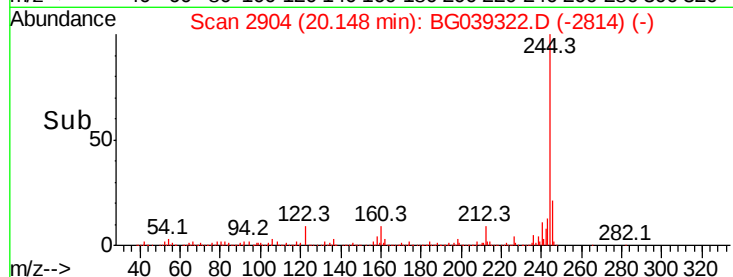
122 9.4 8.4 12.6



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: 25.24 min Scan# 3771

Delta R.T. -0.00 min

Lab File: BG039322.D

Acq: 29 Jan 2019 18:23

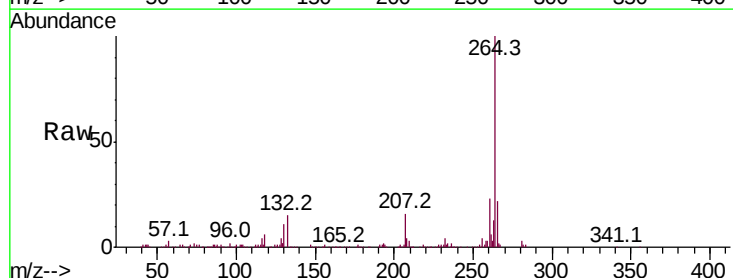
Tgt Ion:264 Resp: 276367

Ion Ratio Lower Upper

264 100

260 23.0 18.2 27.4

265 21.6 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

