

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030419\
 Data File : BG039744.D
 Acq On : 4 Mar 2019 23:24
 Operator : JU/SJ
 Sample : K1714-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-B-11-14

Quant Time: Mar 05 06:49:31 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

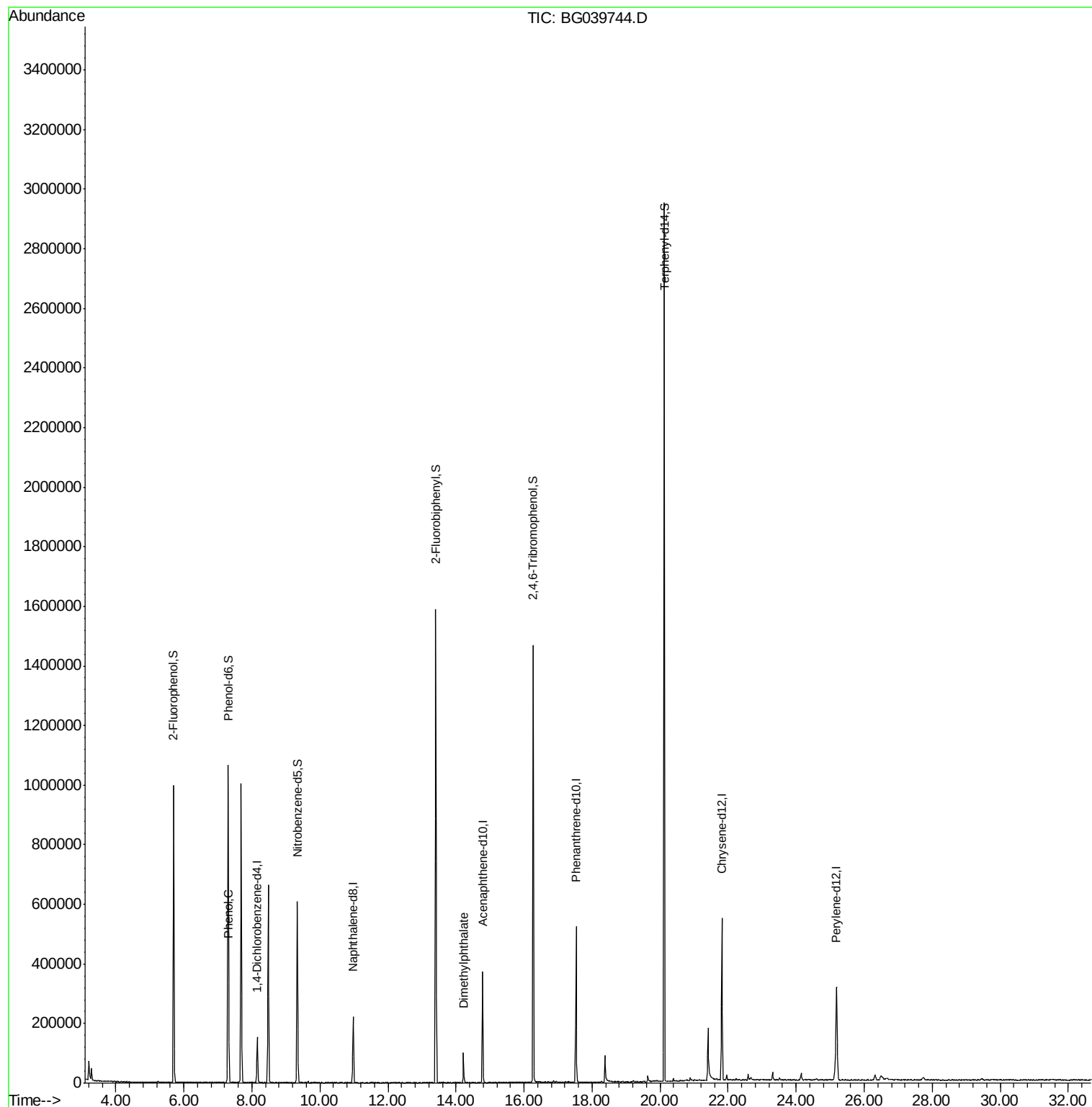
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	43206	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	189391	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	130398	20.00	ng	-0.01
64) Phenanthrene-d10	17.52	188	335105	20.00	ng	-0.01
76) Chrysene-d12	21.82	240	344740	20.00	ng	-0.01
87) Perylene-d12	25.18	264	349348	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	416134	164.31	ng	-0.01
7) Phenol-d6	7.30	99	610263	161.61	ng	-0.01
23) Nitrobenzene-d5	9.33	82	357931	102.21	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	251445	165.44	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	826537	90.25	ng	-0.01
79) Terphenyl-d14	20.12	244	1313336	83.88	ng	0.00
Target Compounds						
10) Phenol	7.33	94	9945	2.431	ng	Qvalue # 66
50) Dimethylphthalate	14.22	163	67220	6.165	ng	99

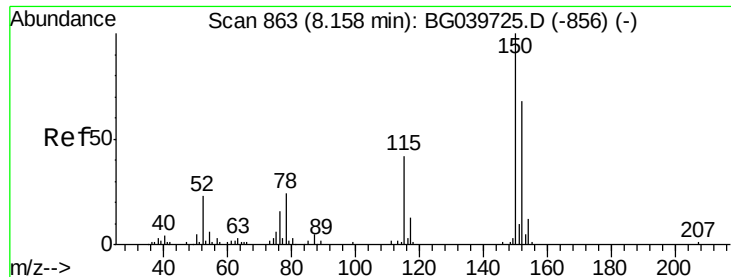
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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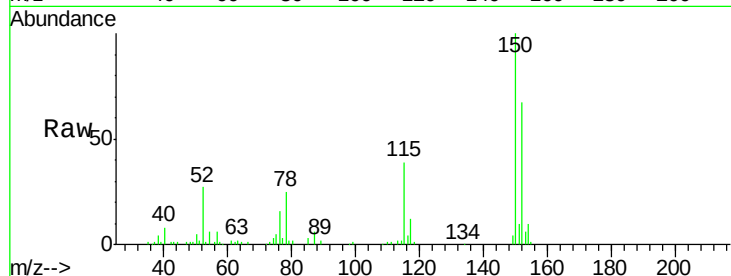


#1

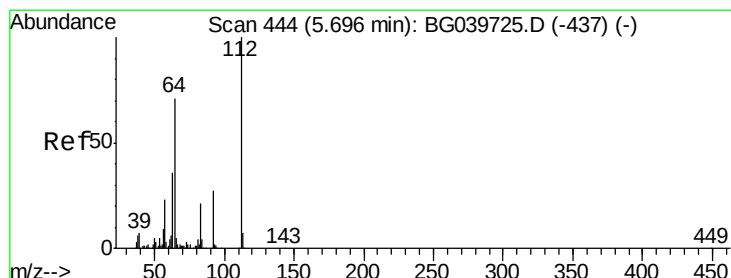
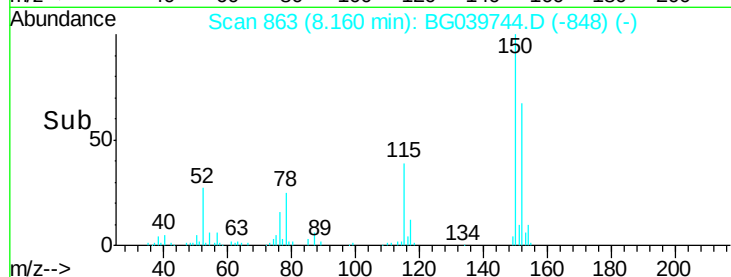
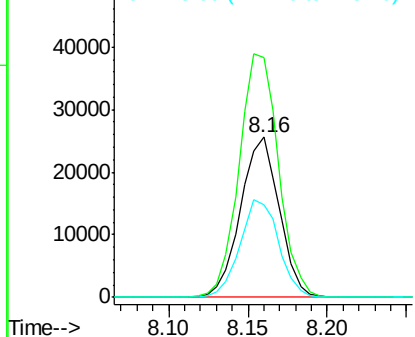
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BG039744.D
Acq: 4 Mar 2019 23:24

Instrument :
BNA_G
ClientSampleId :
SB-B-11-14

Tgt Ion:152 Resp: 43206
Ion Ratio Lower Upper
152 100
150 149.7 123.7 185.5
115 57.8 45.9 68.9



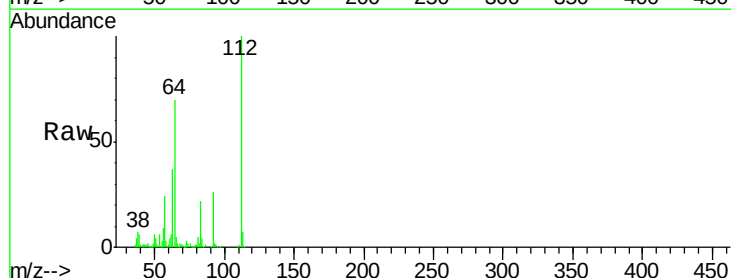
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



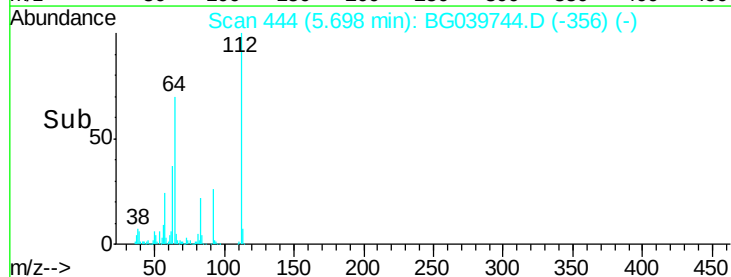
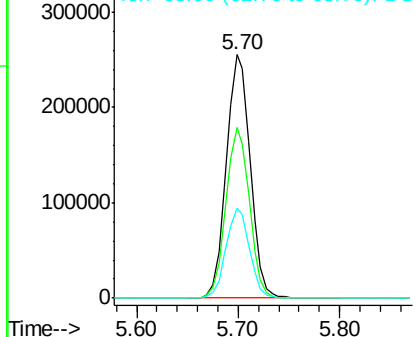
#5

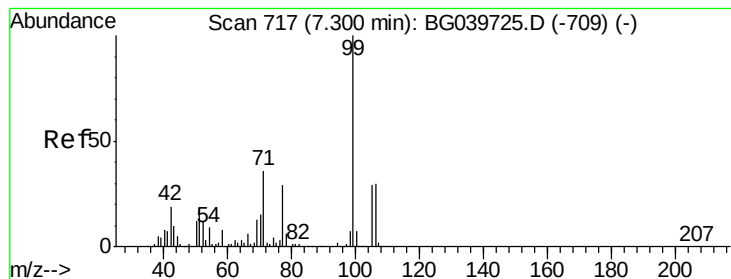
2-Fluorophenol
Concen: 164.312 ng
RT: 5.70 min Scan# 444
Delta R.T. -0.01 min
Lab File: BG039744.D
Acq: 4 Mar 2019 23:24

Tgt Ion:112 Resp: 416134
Ion Ratio Lower Upper
112 100
64 70.3 57.8 86.8
63 37.0 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: 161.607 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039744.D

Acq: 4 Mar 2019 23:24

Instrument :

BNA_G

ClientSampleId :

SB-B-11-14

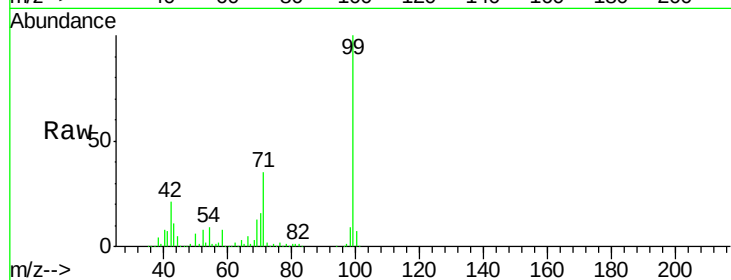
Tgt Ion: 99 Resp: 610263

Ion Ratio Lower Upper

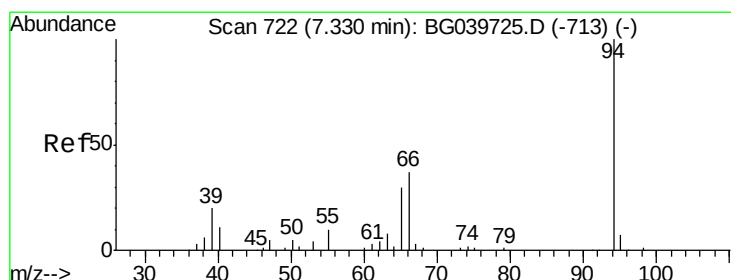
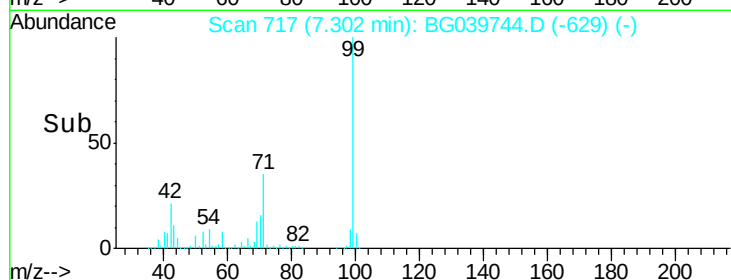
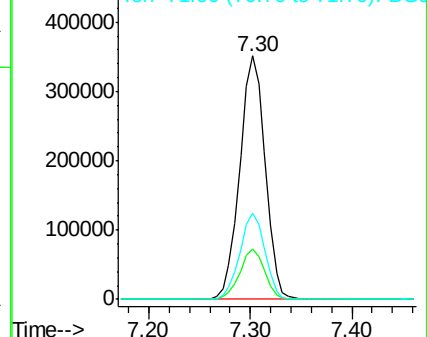
99 100

42 20.6 18.2 27.2

71 35.2 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: 2.431 ng

RT: 7.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BG039744.D

Acq: 4 Mar 2019 23:24

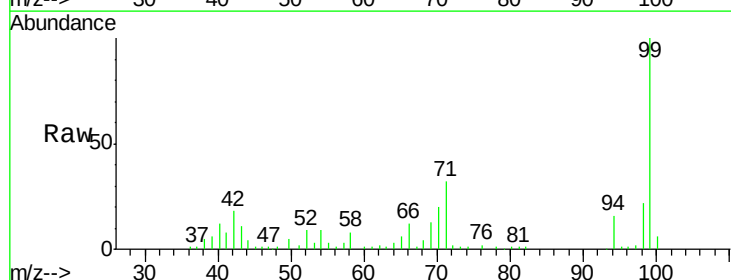
Tgt Ion: 94 Resp: 9945

Ion Ratio Lower Upper

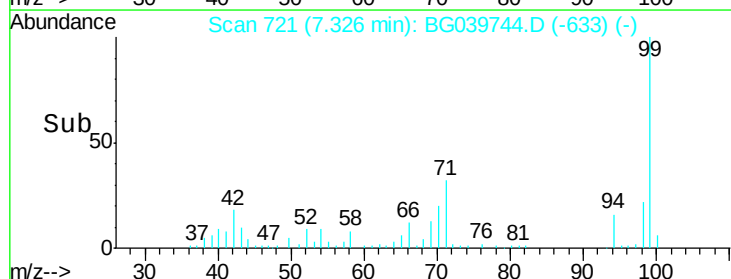
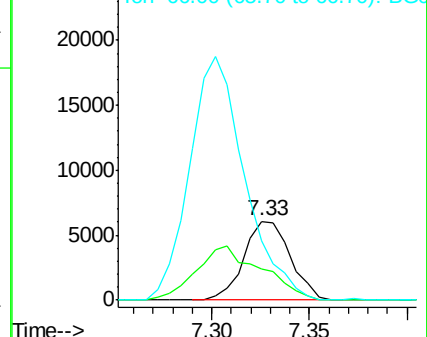
94 100

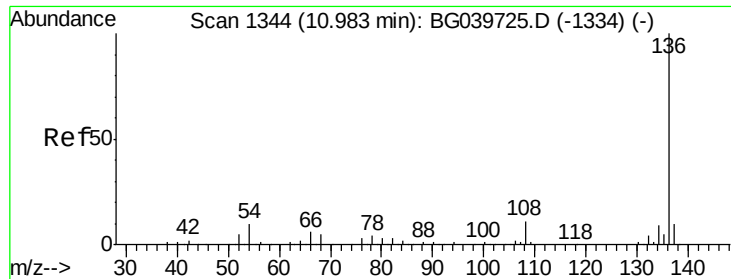
65 39.0 11.7 51.7

66 75.8 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

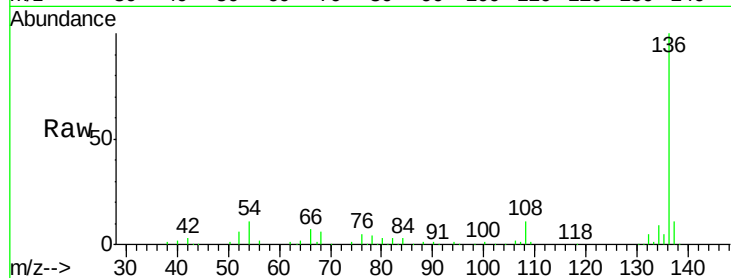




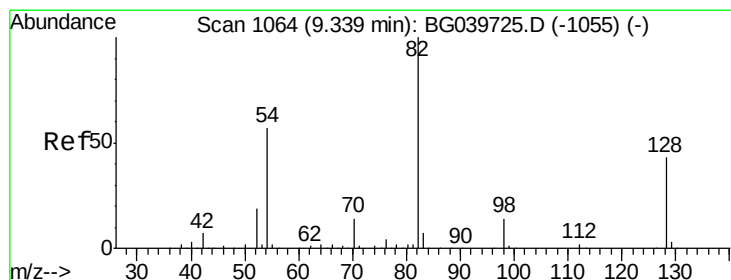
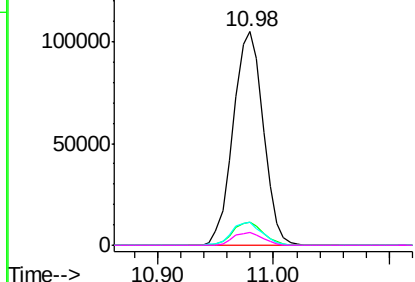
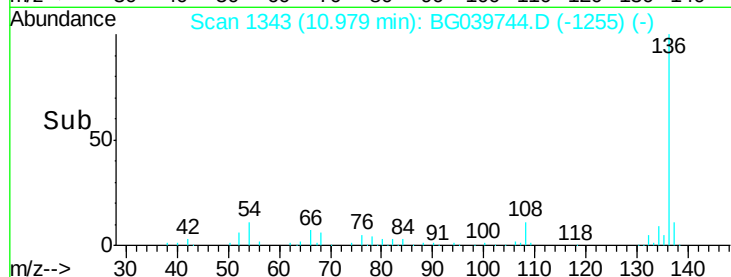
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG039744.D
Acq: 4 Mar 2019 23:24

Instrument :
BNA_G
ClientSampleId :
SB-B-11-14

Tgt Ion:	136	Resp:	189391
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	10.7	9.4	14.2
68	6.1	4.2	6.4

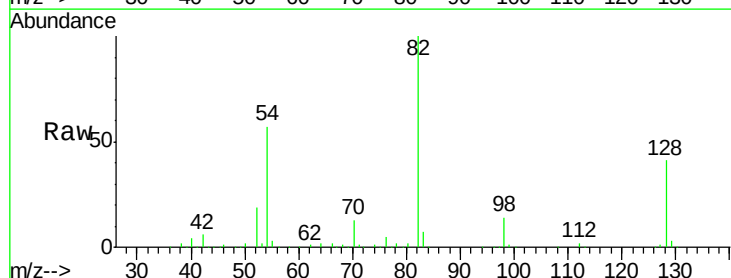


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

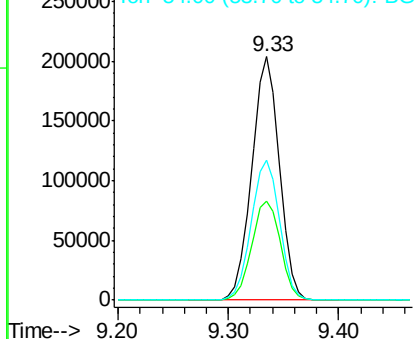
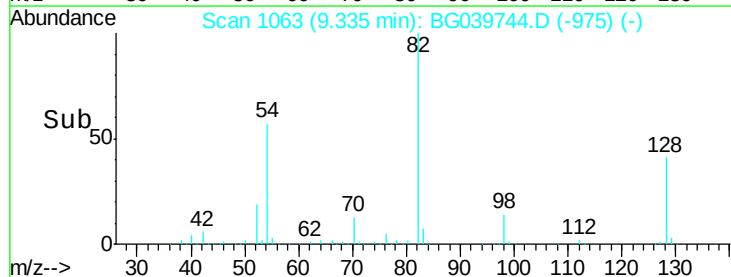


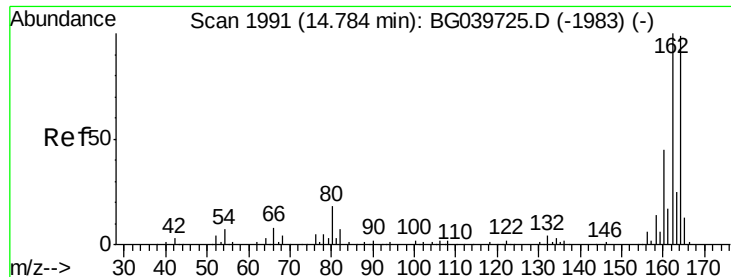
#23
Nitrobenzene-d5
Concen: 102.214 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG039744.D
Acq: 4 Mar 2019 23:24

Tgt Ion:	82	Resp:	357931
Ion	Ratio	Lower	Upper
82	100		
128	40.9	31.3	46.9
54	57.4	50.9	76.3



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BG039744.D

Acq: 4 Mar 2019 23:24

Instrument :

BNA_G

ClientSampleId :

SB-B-11-14

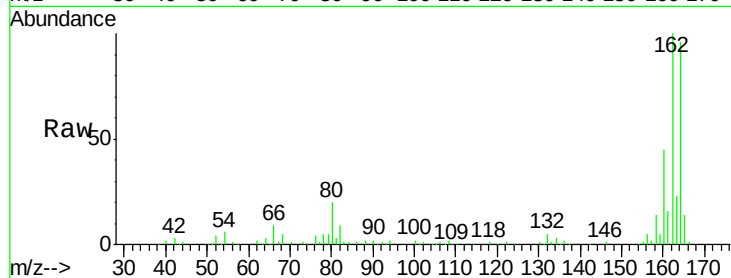
Tgt Ion:164 Resp: 130398

Ion Ratio Lower Upper

164 100

162 103.6 81.6 122.4

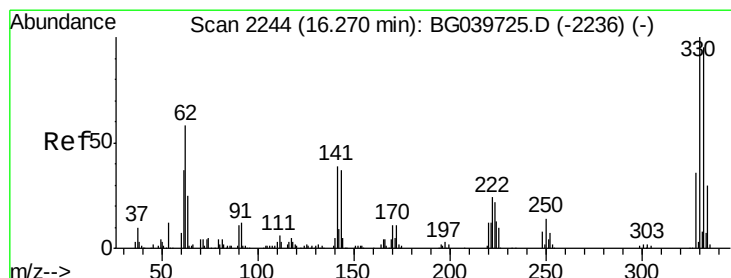
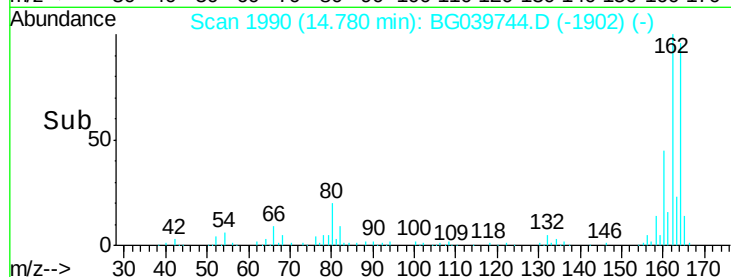
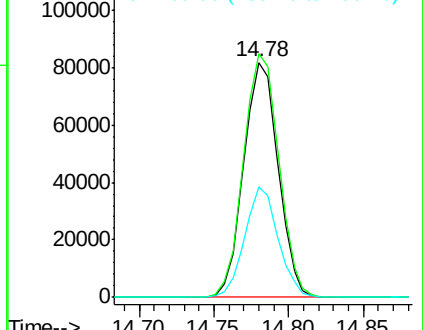
160 47.1 34.2 51.2



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: 165.437 ng

RT: 16.27 min Scan# 2244

Delta R.T. -0.00 min

Lab File: BG039744.D

Acq: 4 Mar 2019 23:24

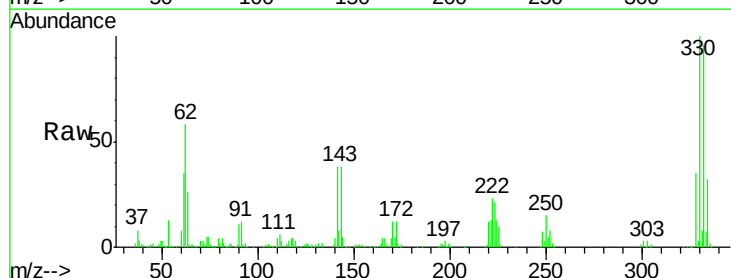
Tgt Ion:330 Resp: 251445

Ion Ratio Lower Upper

330 100

332 96.3 75.7 113.5

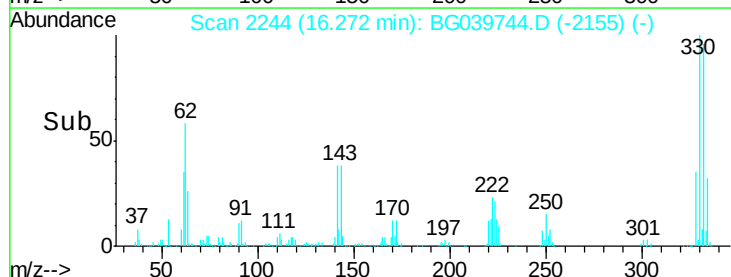
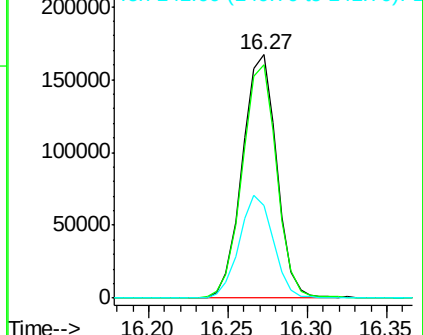
141 41.9 35.6 53.4

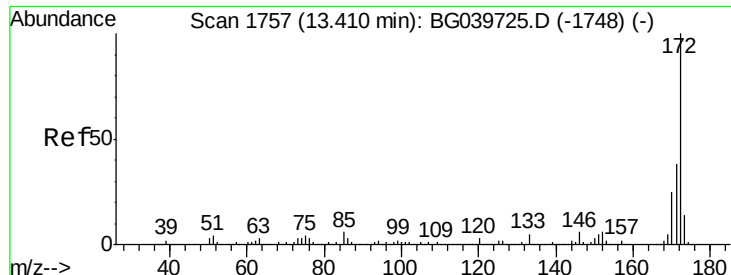


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

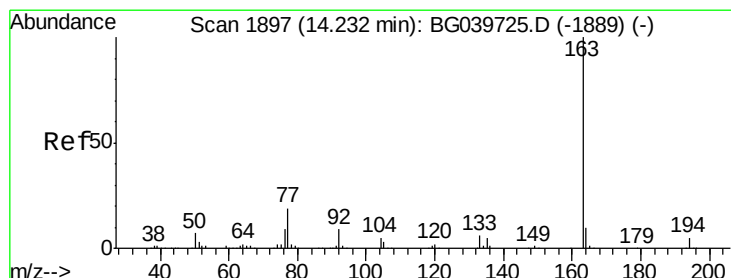
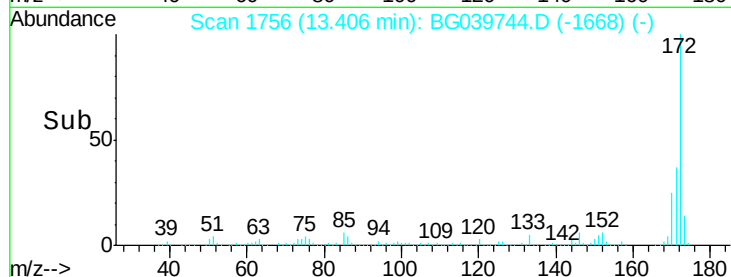
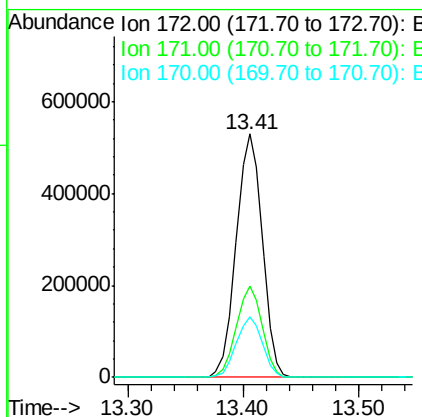
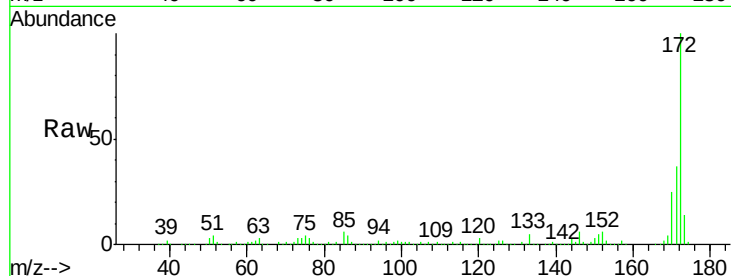




#45
2-Fluorobiphenyl
Concen: 90.250 ng
RT: 13.41 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BG039744.D
Acq: 4 Mar 2019 23:24

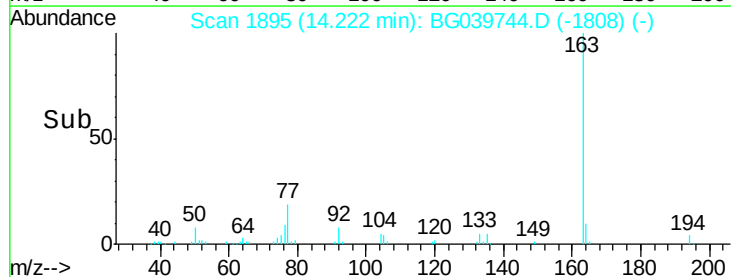
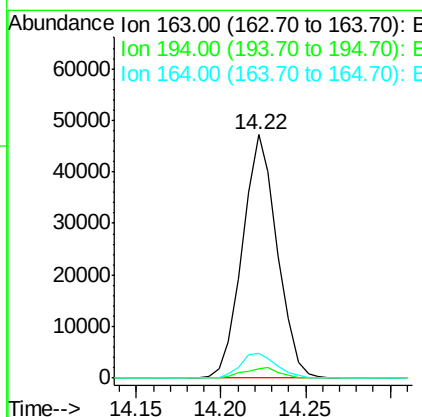
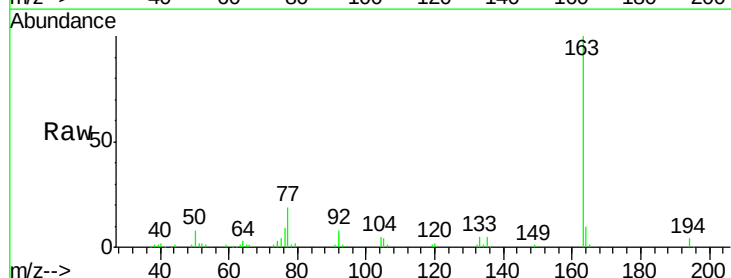
Instrument :
BNA_G
ClientSampleId :
SB-B-11-14

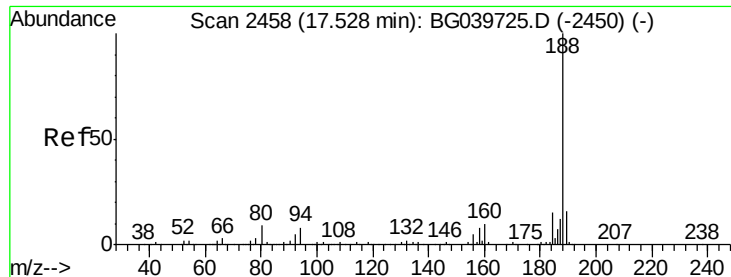
Tgt Ion:172 Resp: 826537
Ion Ratio Lower Upper
172 100
171 37.3 30.8 46.2
170 25.0 20.2 30.4



#50
Dimethylphthalate
Concen: 6.165 ng
RT: 14.22 min Scan# 1895
Delta R.T. -0.02 min
Lab File: BG039744.D
Acq: 4 Mar 2019 23:24

Tgt Ion:163 Resp: 67220
Ion Ratio Lower Upper
163 100
194 4.1 3.6 5.4
164 10.4 8.4 12.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.52 min Scan# 2457

Delta R.T. -0.01 min

Lab File: BG039744.D

Acq: 4 Mar 2019 23:24

Instrument :

BNA_G

ClientSampled :

SB-B-11-14

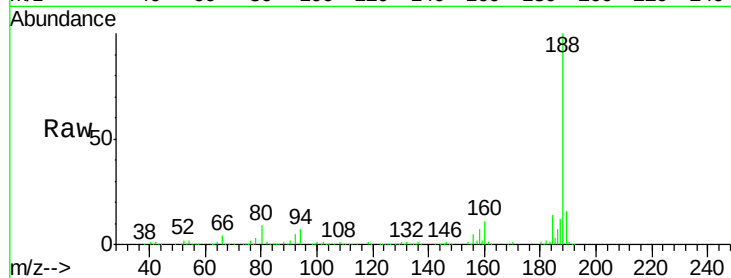
Tgt Ion:188 Resp: 335105

Ion Ratio Lower Upper

188 100

94 7.3 6.9 10.3

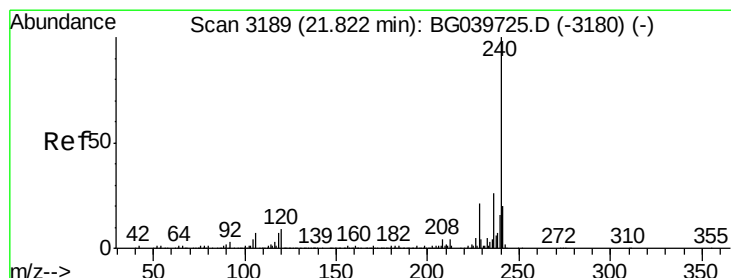
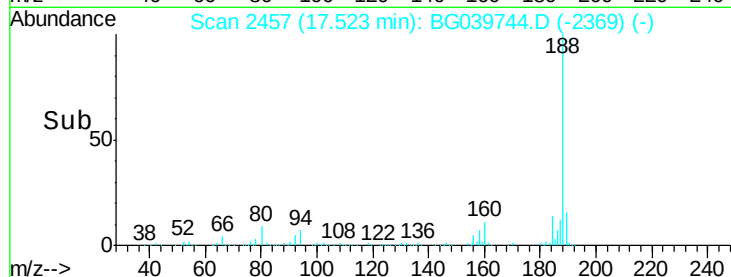
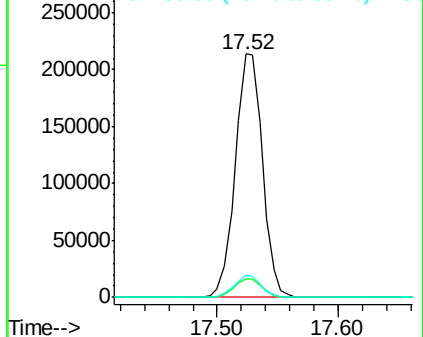
80 9.3 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.82 min Scan# 3188

Delta R.T. -0.01 min

Lab File: BG039744.D

Acq: 4 Mar 2019 23:24

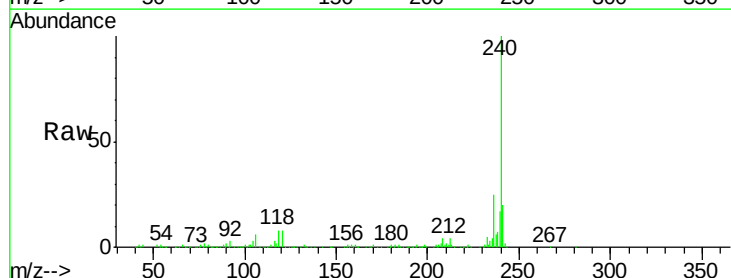
Tgt Ion:240 Resp: 344740

Ion Ratio Lower Upper

240 100

120 8.4 7.0 10.6

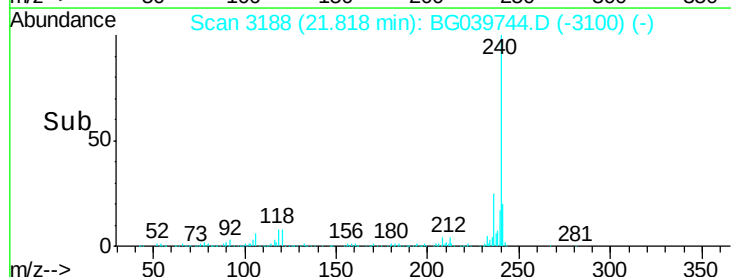
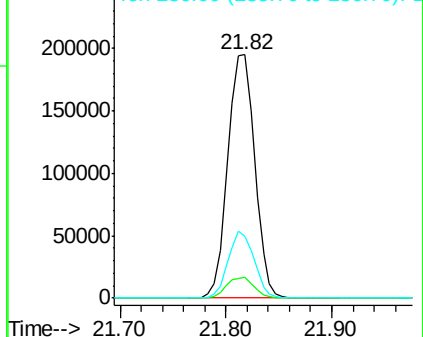
236 25.2 21.0 31.4

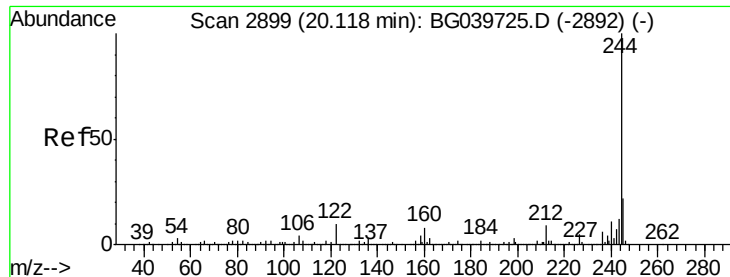


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 83.881 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.00 min

Lab File: BG039744.D

Acq: 4 Mar 2019 23:24

Instrument :

BNA_G

ClientSampled :

SB-B-11-14

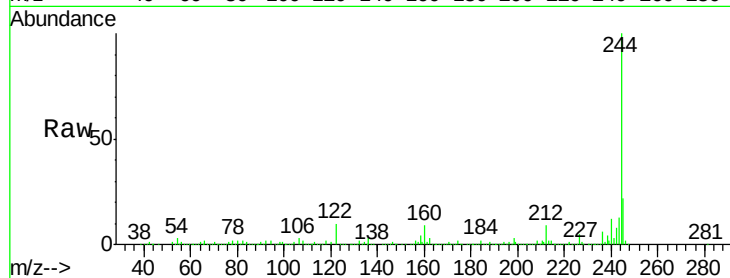
Tgt Ion:244 Resp: 1313336

Ion Ratio Lower Upper

244 100

212 9.5 7.3 10.9

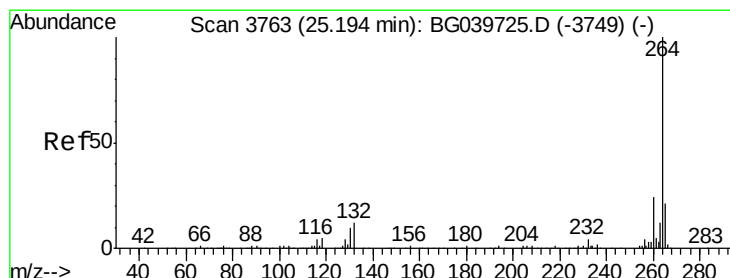
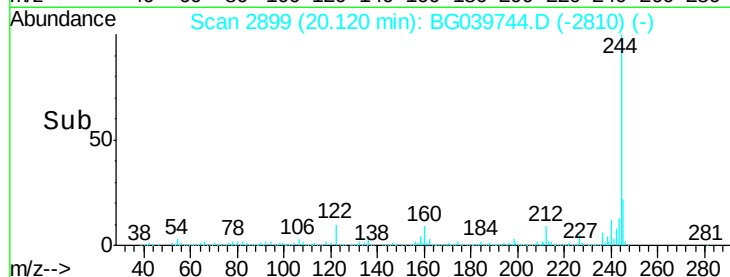
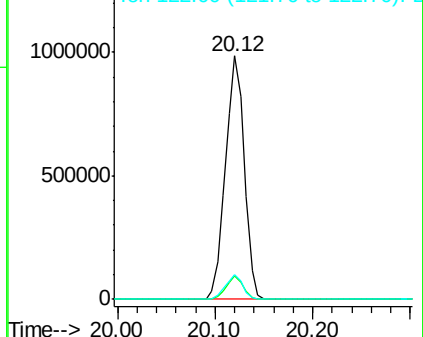
122 10.0 8.4 12.6



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: 25.18 min Scan# 3761

Delta R.T. -0.02 min

Lab File: BG039744.D

Acq: 4 Mar 2019 23:24

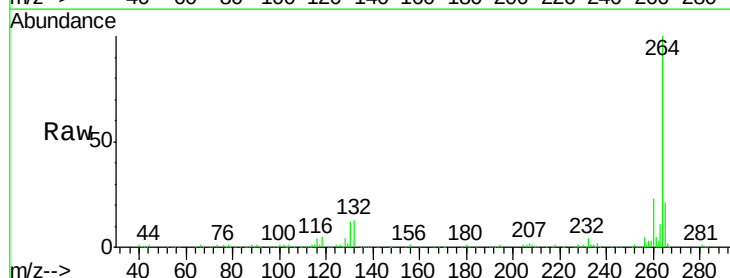
Tgt Ion:264 Resp: 349348

Ion Ratio Lower Upper

264 100

260 22.7 18.2 27.4

265 21.3 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

