

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112618\
 Data File : BG038137.D
 Acq On : 26 Nov 2018 16:07
 Operator : JU/SJ
 Sample : J6030-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DTW-01

Quant Time: Nov 26 17:27:58 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

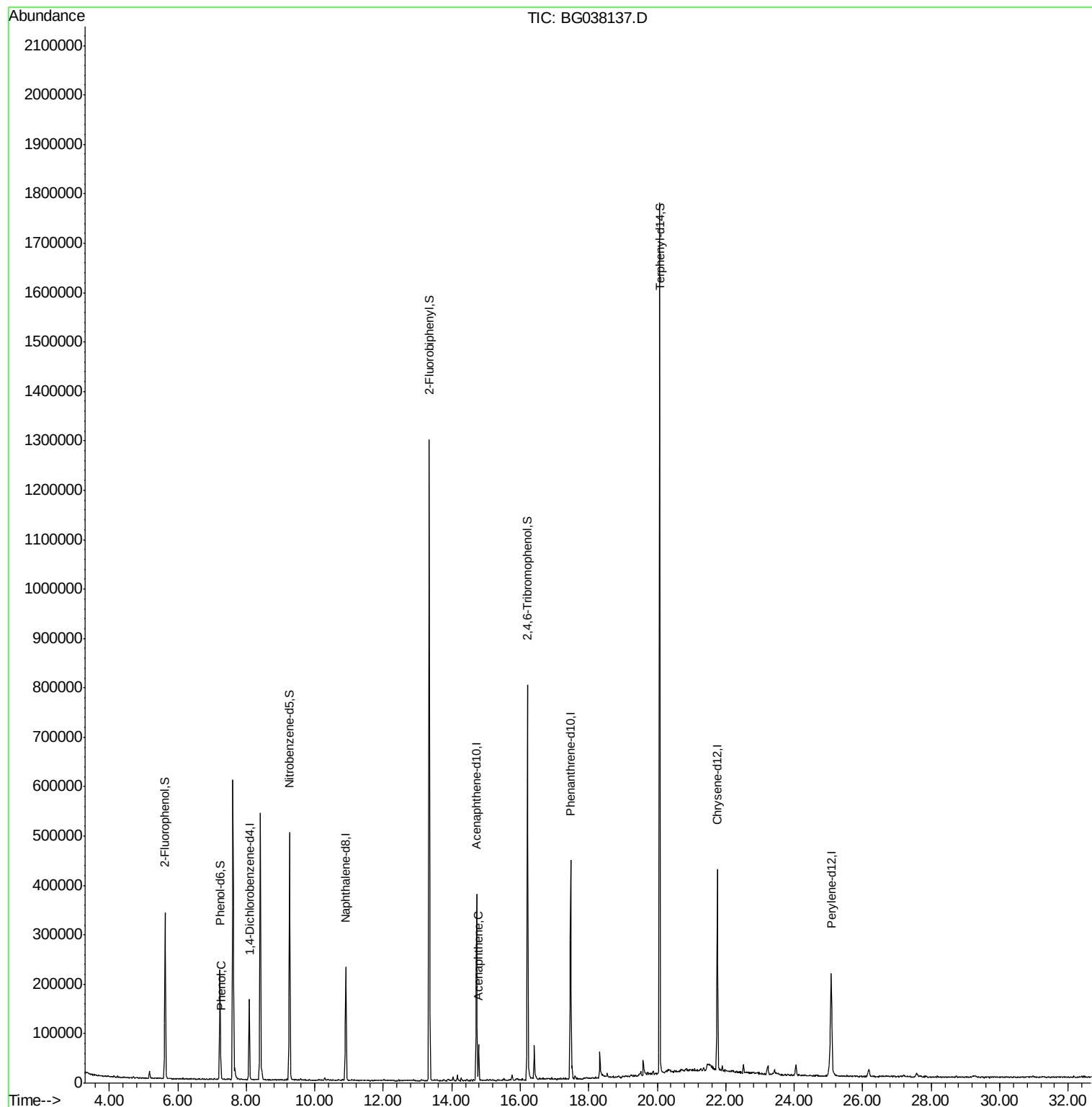
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	47171	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	208950	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	129951	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	276838	20.00	ng	0.00
76) Chrysene-d12	21.75	240	251855	20.00	ng	0.00
87) Perylene-d12	25.07	264	252037	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	155924	57.07	ng	0.00
7) Phenol-d6	7.23	99	135190	34.67	ng	0.00
23) Nitrobenzene-d5	9.26	82	308312	78.99	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	148758	100.37	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	676147	75.80	ng	0.00
79) Terphenyl-d14	20.07	244	889284	83.08	ng	0.00
Target Compounds						
10) Phenol	7.26	94	10458	2.532	ng	98
52) Acenaphthene	14.79	154	26647	3.533	ng	97

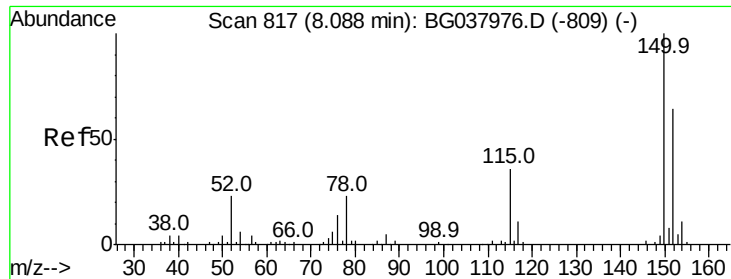
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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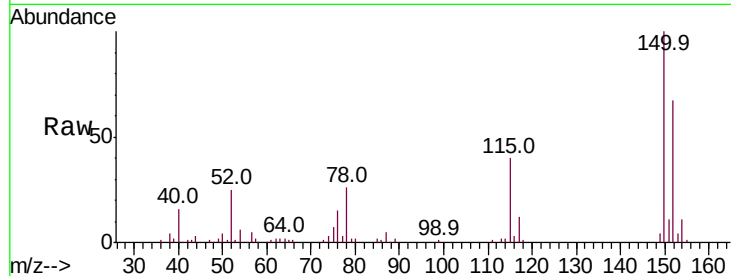


#1

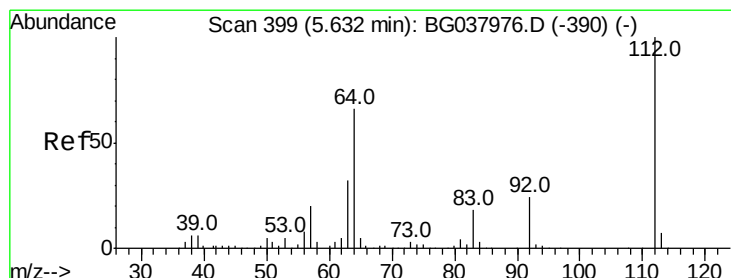
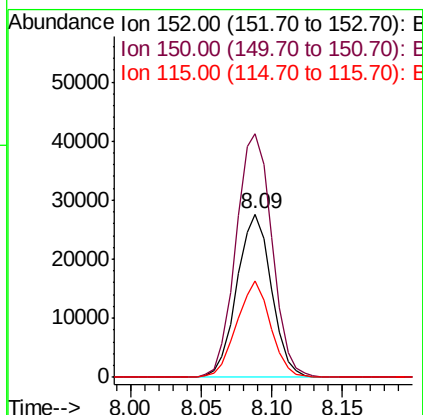
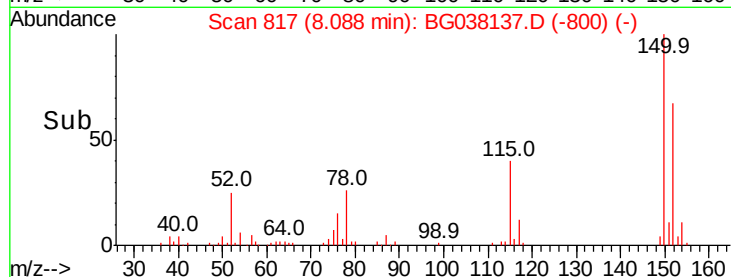
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.00 min
Lab File: BG038137.D
Acq: 26 Nov 2018 16:07

Instrument :
BNA_G
ClientSampled :
DTW-01

Tot Ion:152 Resp: 47171
Ion Ratio Lower Upper
152 100
150 149.3 126.0 189.0
115 59.4 45.5 68.3



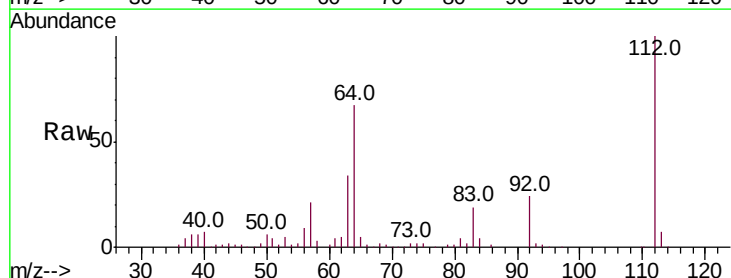
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



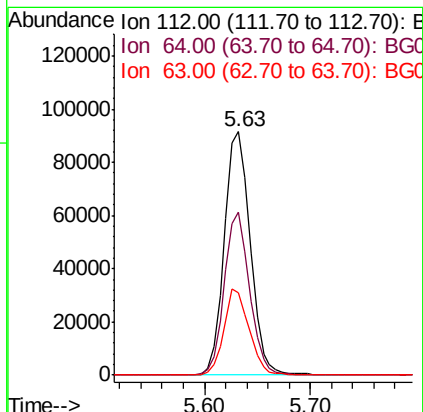
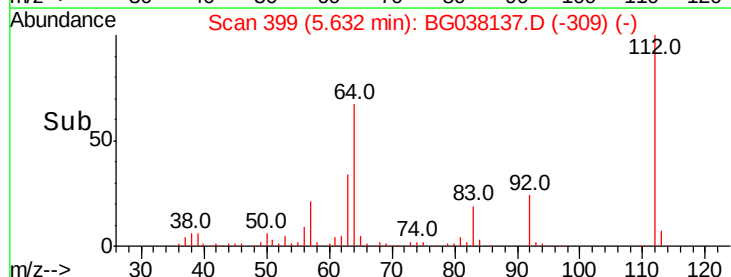
#5

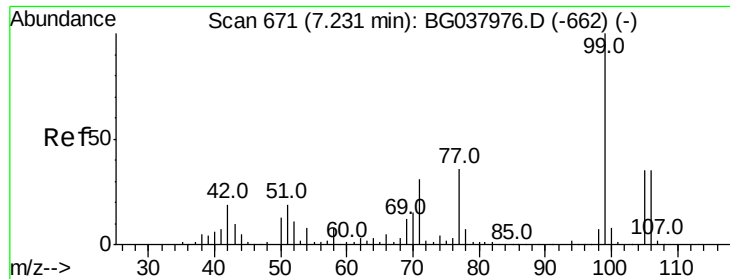
2-Fluorophenol
Concen: 57.072 ng
RT: 5.63 min Scan# 399
Delta R.T. 0.00 min
Lab File: BG038137.D
Acq: 26 Nov 2018 16:07

Tgt Ion:112 Resp: 155924
Ion Ratio Lower Upper
112 100
64 66.7 53.1 79.7
63 33.8 27.3 40.9



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: 34.665 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG038137.D

Acq: 26 Nov 2018 16:07

Instrument :

BNA_G

ClientSampleId :

DTW-01

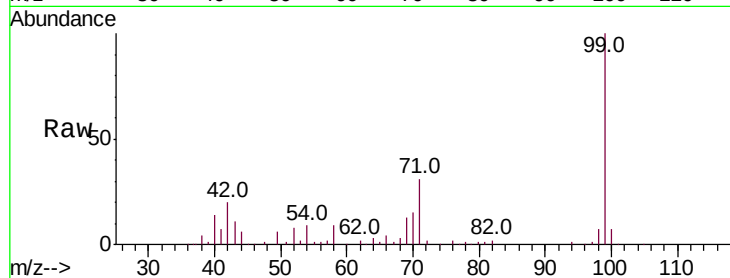
Tot Ion: 99 Resp: 135190

Ion Ratio Lower Upper

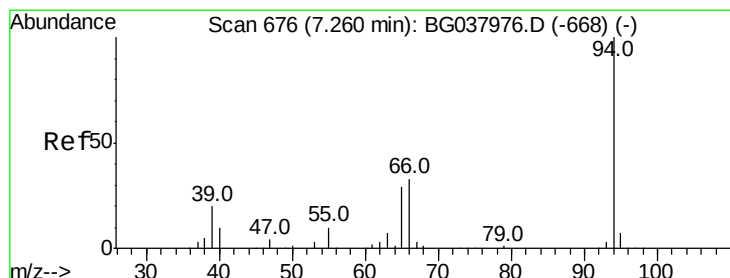
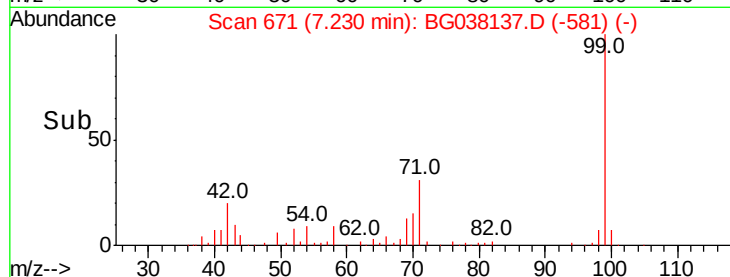
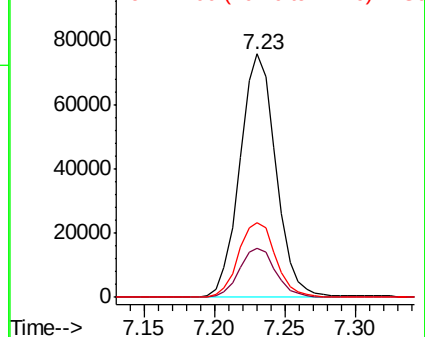
99 100

42 20.4 15.0 22.4

71 30.6 25.5 38.3



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: 2.532 ng

RT: 7.26 min Scan# 676

Delta R.T. -0.00 min

Lab File: BG038137.D

Acq: 26 Nov 2018 16:07

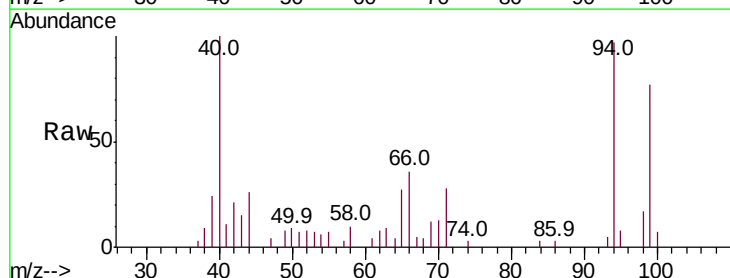
Tgt Ion: 94 Resp: 10458

Ion Ratio Lower Upper

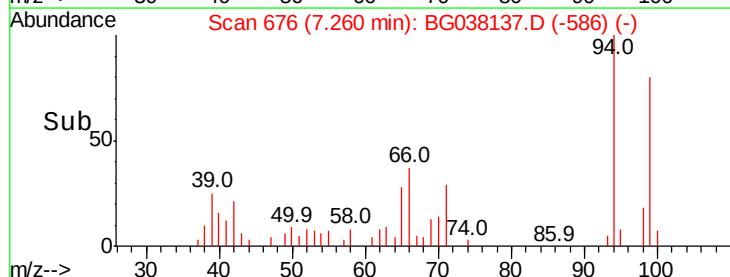
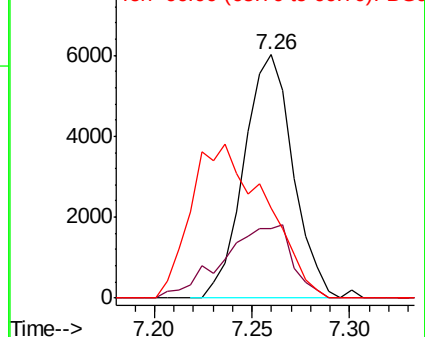
94 100

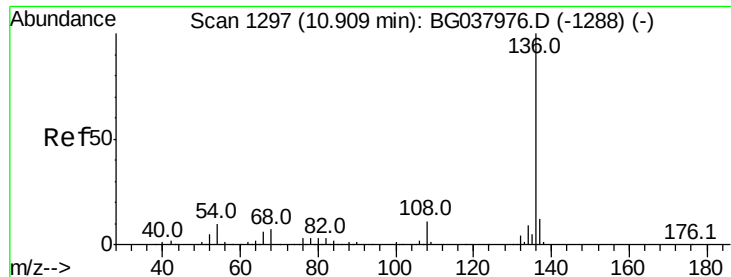
65 28.3 9.7 49.7

66 37.1 15.9 55.9



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

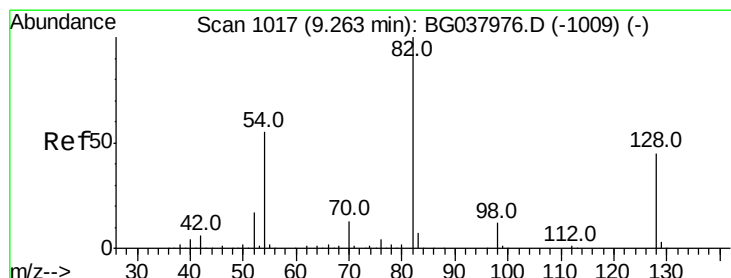
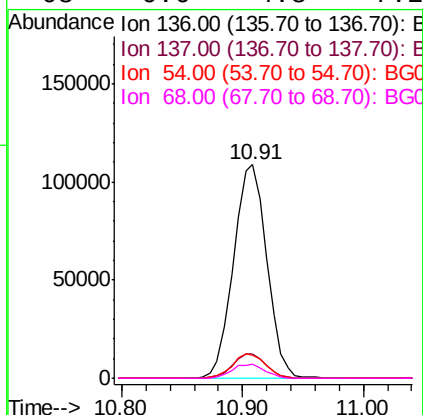
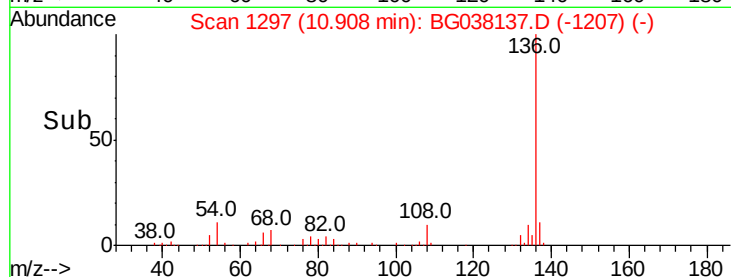
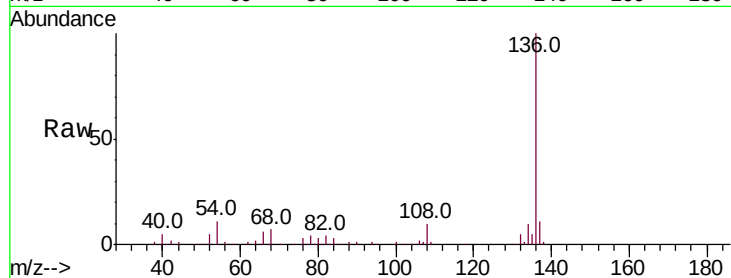




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BG038137.D
Acq: 26 Nov 2018 16:07

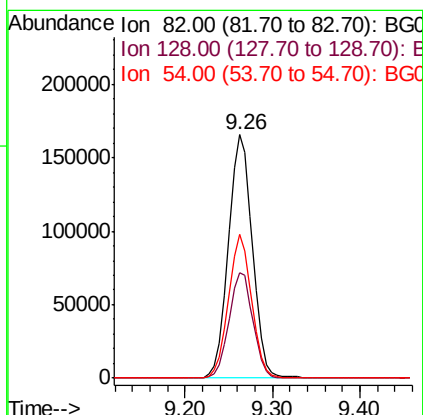
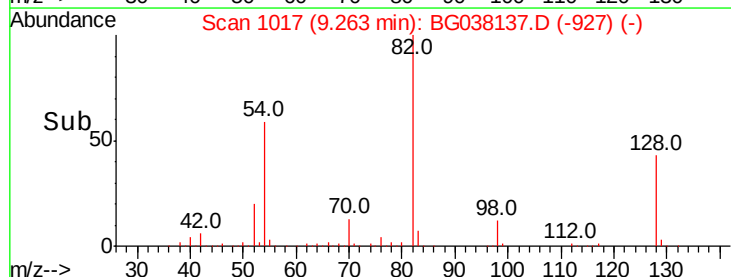
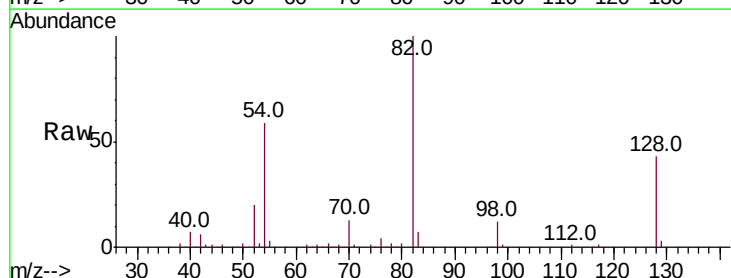
Instrument :
BNA_G
ClientSampleId :
DTW-01

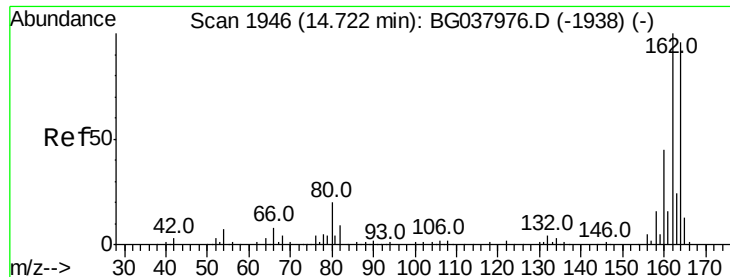
Tot Ion:	136	Resp:	208950
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.6	14.4
54	11.1	7.9	11.9
68	6.6	4.8	7.2



#23
Nitrobenzene-d5
Concen: 78.986 ng
RT: 9.26 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BG038137.D
Acq: 26 Nov 2018 16:07

Tgt Ion:	82	Resp:	308312
Ion	Ratio	Lower	Upper
82	100		
128	43.2	34.6	51.8
54	58.9	45.3	67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1946

Delta R.T. -0.00 min

Lab File: BG038137.D

Acq: 26 Nov 2018 16:07

Instrument :

BNA_G

ClientSampled :

DTW-01

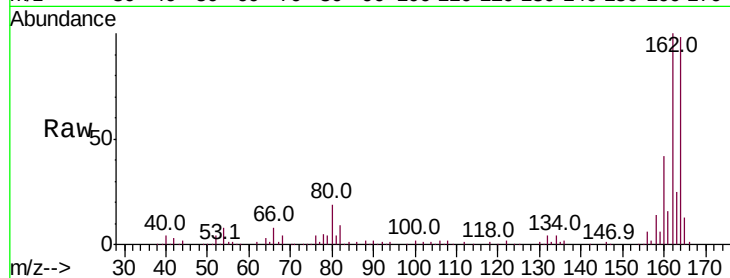
Tot Ion:164 Resp: 129951

Ion Ratio Lower Upper

164 100

162 102.0 81.3 121.9

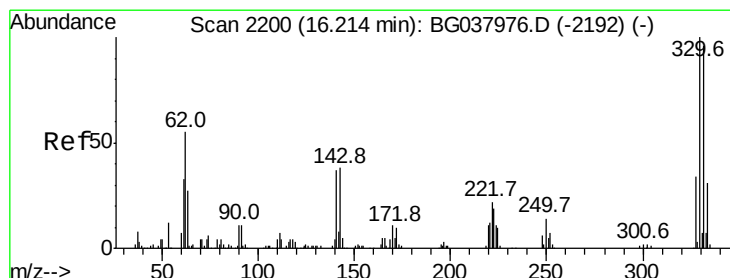
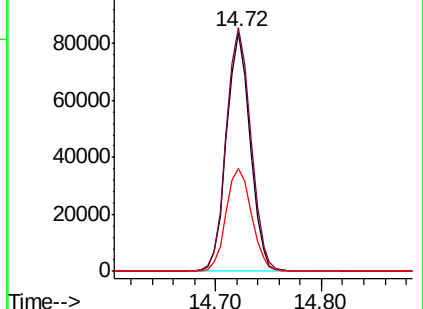
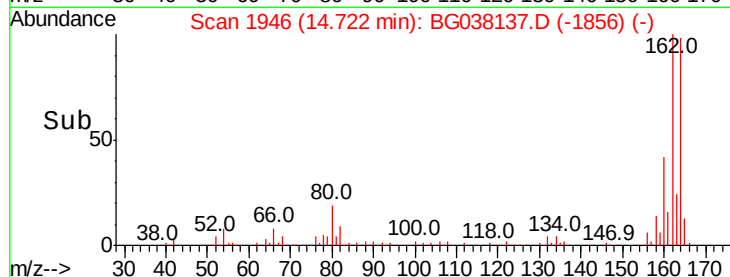
160 42.8 36.3 54.5



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: 100.372 ng

RT: 16.21 min Scan# 2200

Delta R.T. -0.00 min

Lab File: BG038137.D

Acq: 26 Nov 2018 16:07

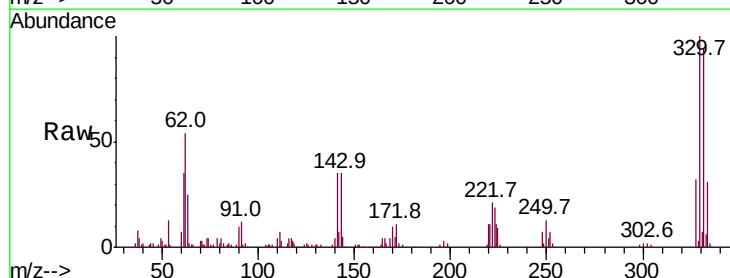
Tgt Ion:330 Resp: 148758

Ion Ratio Lower Upper

330 100

332 95.6 78.4 117.6

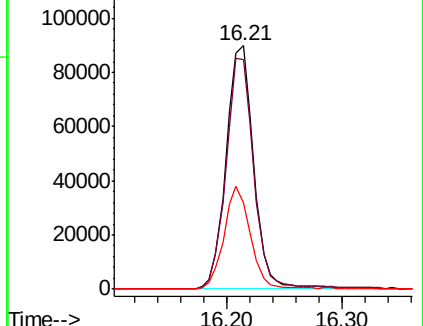
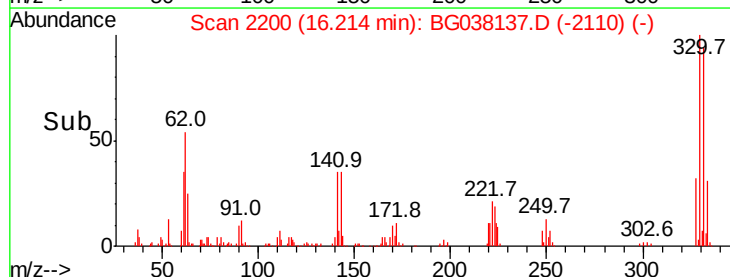
141 40.4 32.2 48.2

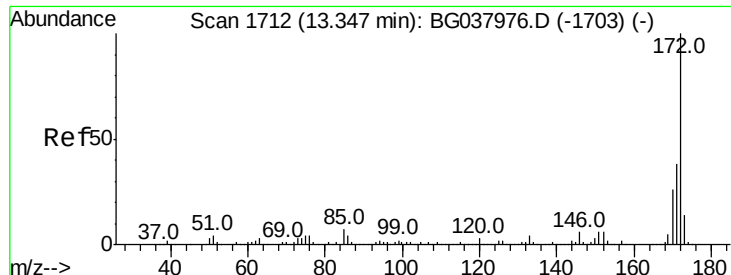


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

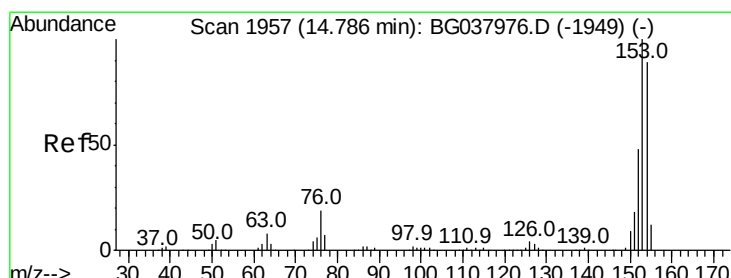
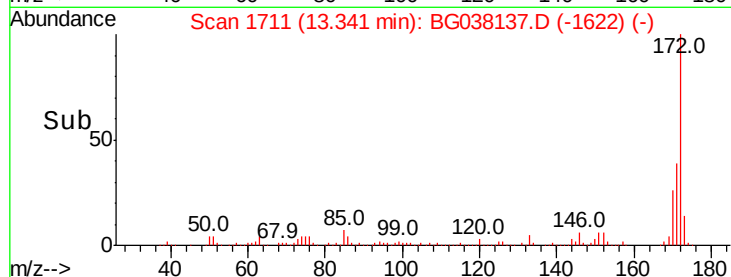
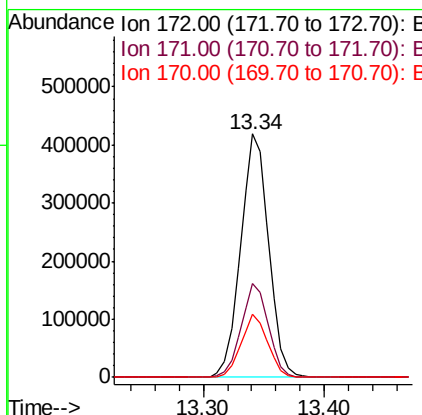
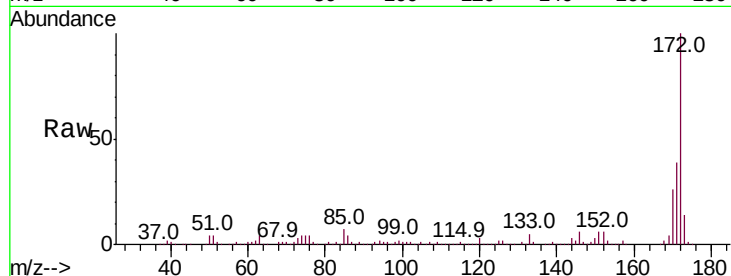




#45
2-Fluorobiphenyl
Concen: 75.801 ng
RT: 13.34 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BG038137.D
Acq: 26 Nov 2018 16:07

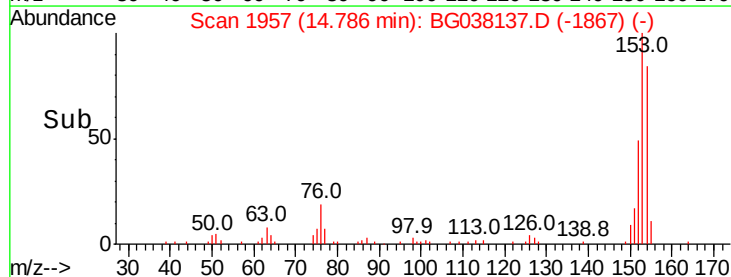
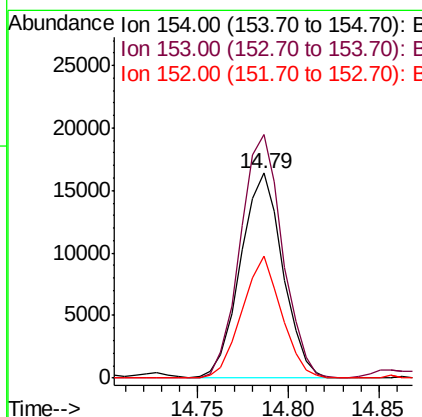
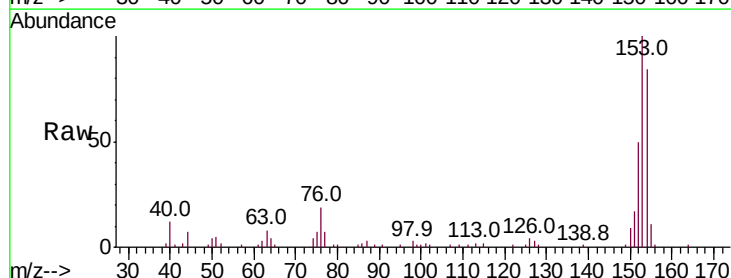
Instrument :
BNA_G
ClientSampled :
DTW-01

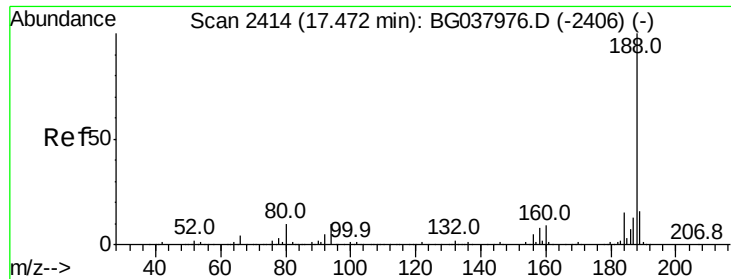
Tot Ion:172 Resp: 676147
Ion Ratio Lower Upper
172 100
171 38.7 31.0 46.4
170 25.7 20.2 30.2



#52
Acenaphthene
Concen: 3.533 ng
RT: 14.79 min Scan# 1957
Delta R.T. -0.00 min
Lab File: BG038137.D
Acq: 26 Nov 2018 16:07

Tgt Ion:154 Resp: 26647
Ion Ratio Lower Upper
154 100
153 118.8 93.4 140.0
152 59.5 44.7 67.1

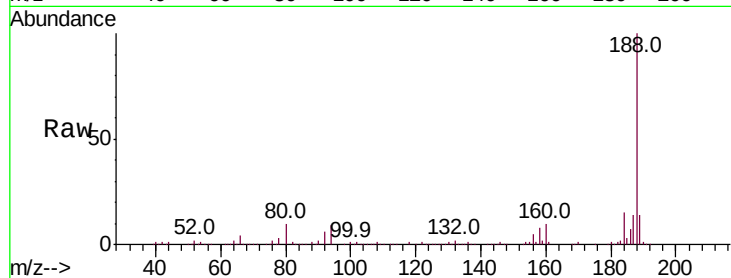




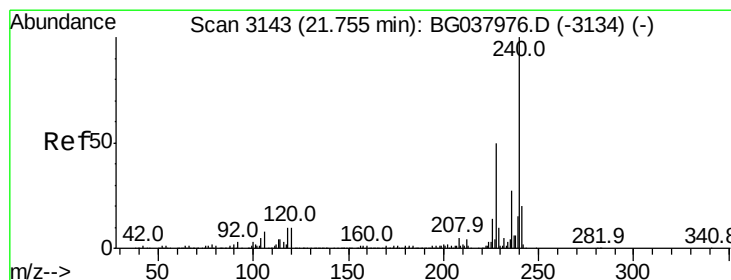
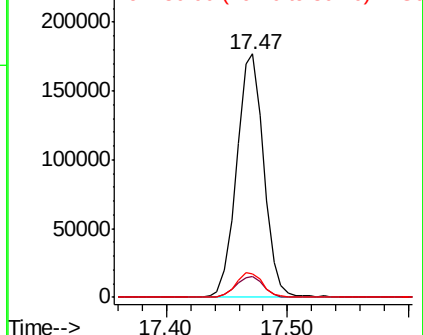
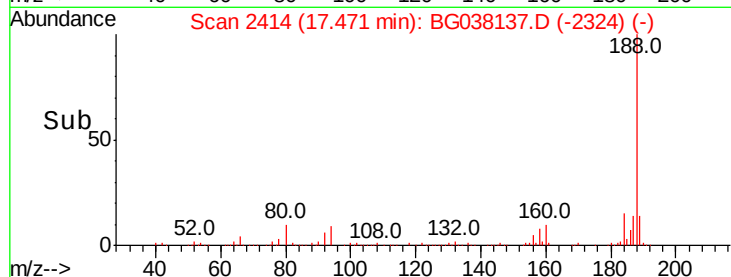
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.00 min
Lab File: BG038137.D
Acq: 26 Nov 2018 16:07

Instrument :
BNA_G
ClientSampleId :
DTW-01

Tot Ion:188 Resp: 276838
Ion Ratio Lower Upper
188 100
94 8.7 7.2 10.8
80 9.9 7.7 11.5

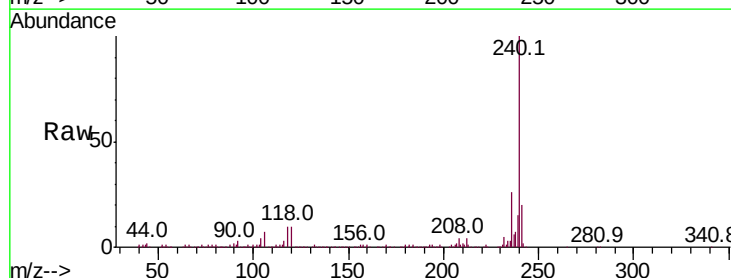


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

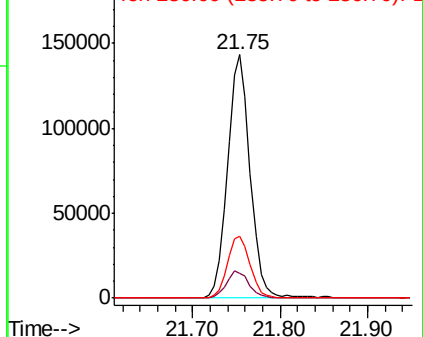
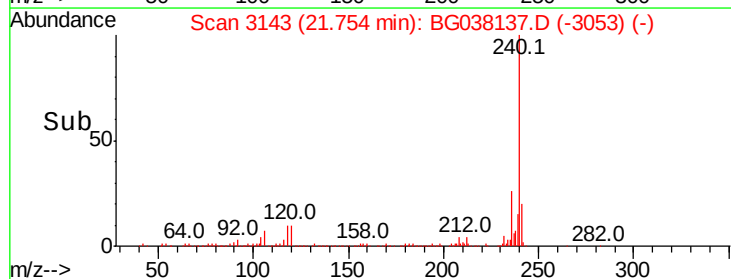


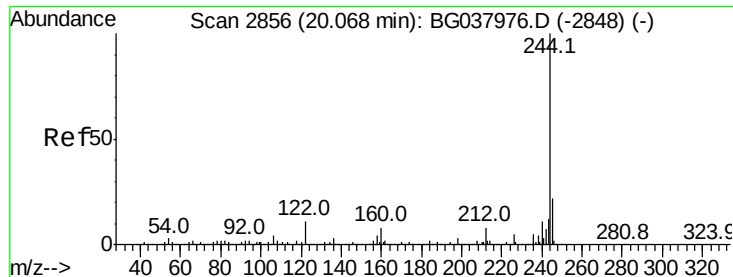
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3143
Delta R.T. -0.00 min
Lab File: BG038137.D
Acq: 26 Nov 2018 16:07

Tgt Ion:240 Resp: 251855
Ion Ratio Lower Upper
240 100
120 10.0 8.1 12.1
236 25.5 21.4 32.0



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: 83.083 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038137.D

Acq: 26 Nov 2018 16:07

Instrument :

BNA_G

ClientSampleId :

DTW-01

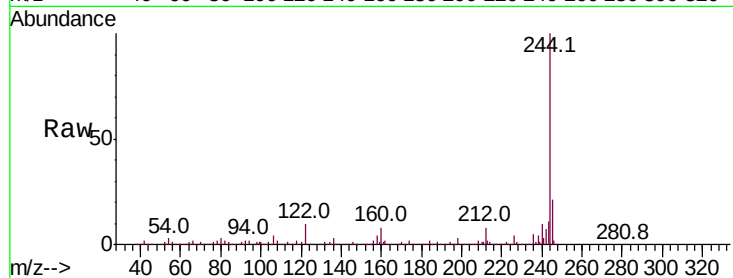
Tot Ion:244 Resp: 889284

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

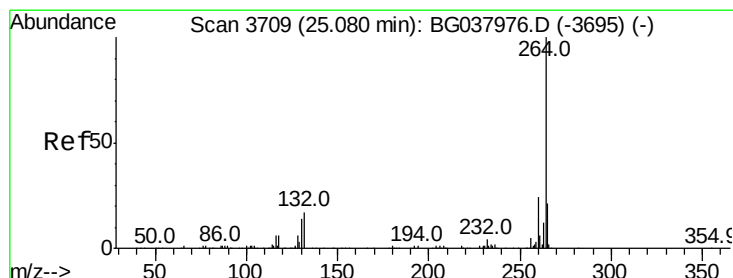
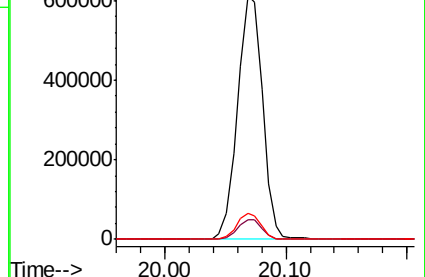
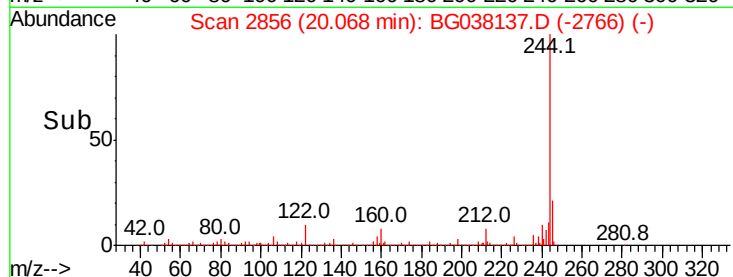
122 10.5 9.0 13.4



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: 25.07 min Scan# 3708

Delta R.T. -0.01 min

Lab File: BG038137.D

Acq: 26 Nov 2018 16:07

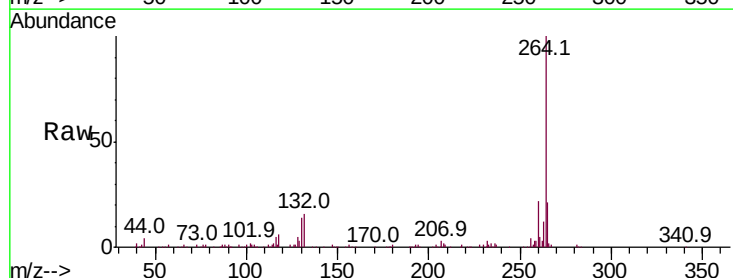
Tgt Ion:264 Resp: 252037

Ion Ratio Lower Upper

264 100

260 22.2 18.2 27.4

265 21.2 17.9 26.9



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

