

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010419\
 Data File : BG038941.D
 Acq On : 4 Jan 2019 22:25
 Operator : JU/SJ
 Sample : K1029-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B12_123118

Quant Time: Jan 04 23:26:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

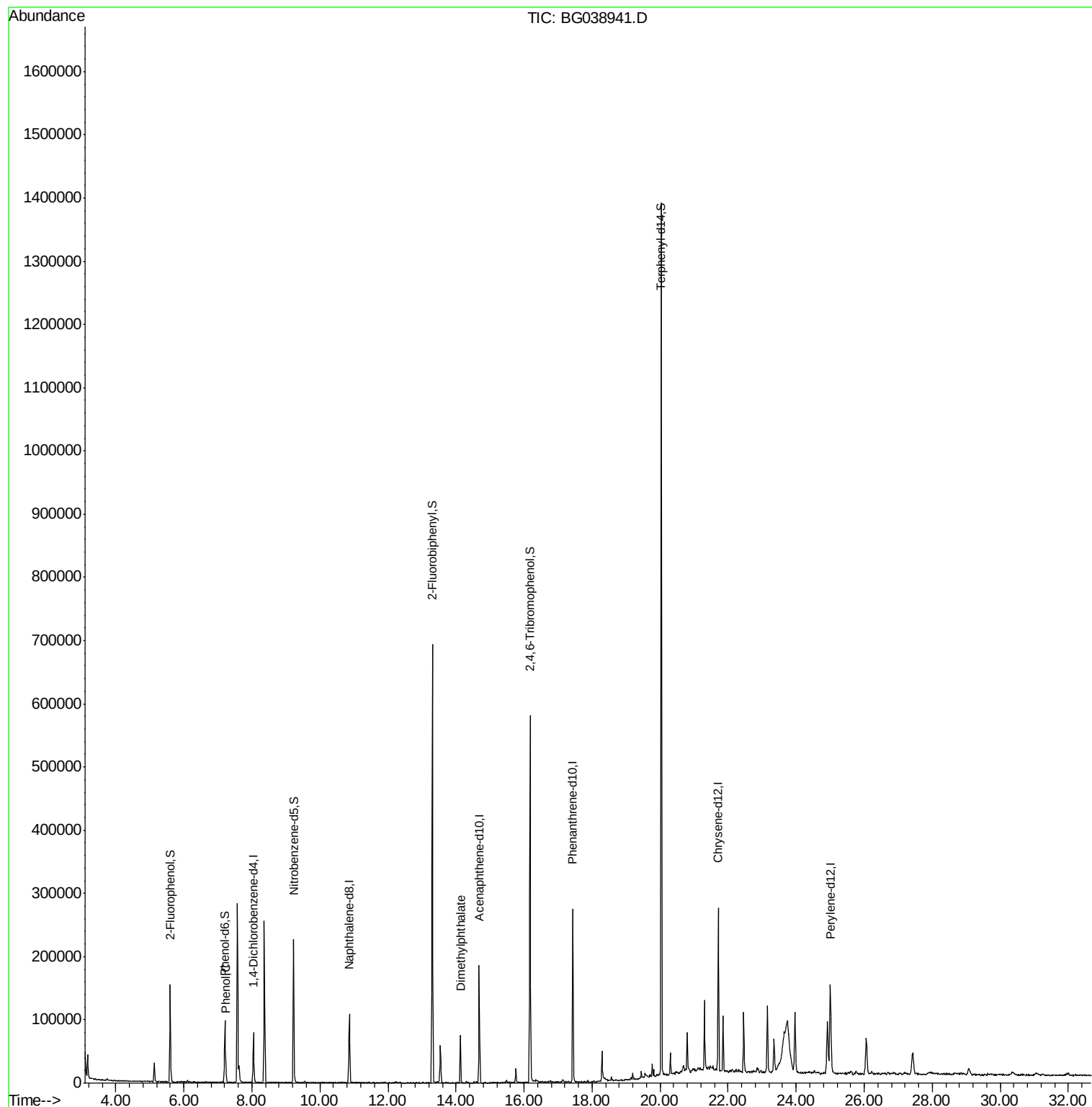
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	24097	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	96817	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	70224	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	177886	20.00	ng	-0.01
76) Chrysene-d12	21.71	240	170757	20.00	ng	-0.02
87) Perylene-d12	25.01	264	182213	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	68337	50.30	ng	0.00
7) Phenol-d6	7.20	99	58801	31.53	ng	0.00
23) Nitrobenzene-d5	9.22	82	135354	71.42	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	127601	131.84	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	377303	73.71	ng	-0.02
79) Terphenyl-d14	20.03	244	707068	90.12	ng	-0.01
Target Compounds						
10) Phenol	7.23	94	10908	5.505	ng	94
50) Dimethylphthalate	14.13	163	56902	9.922	ng	98

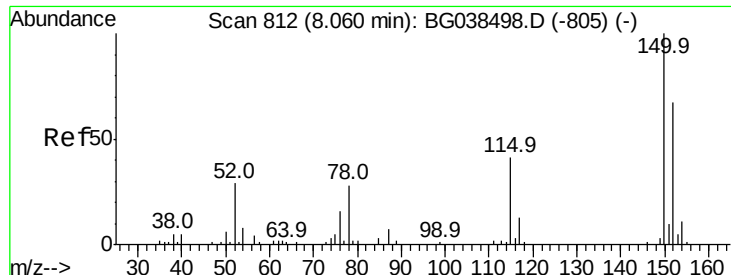
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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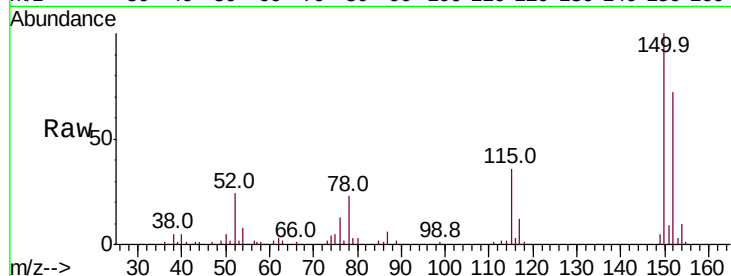


#1

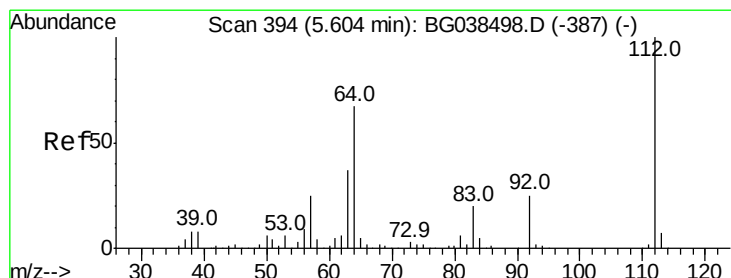
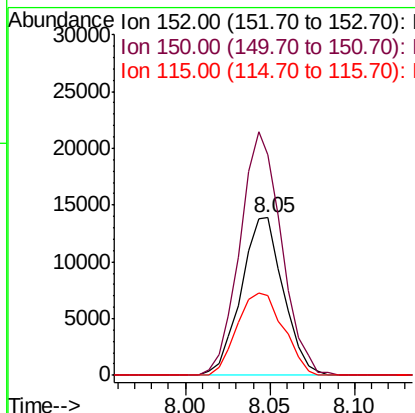
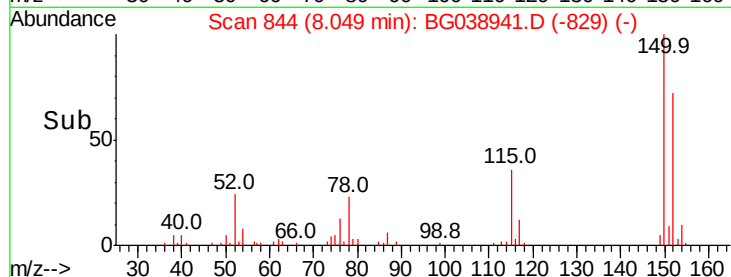
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG038941.D
Acq: 4 Jan 2019 22:25

Instrument :
BNA_G
ClientSampleId :
B12_123118

Tot Ion:152 Resp: 24097
Ion Ratio Lower Upper
152 100
150 139.6 119.5 179.3
115 50.3 49.6 74.4



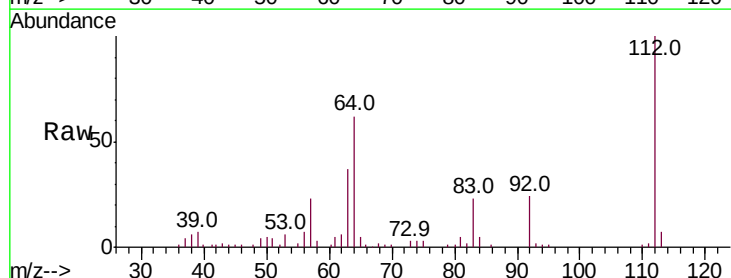
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



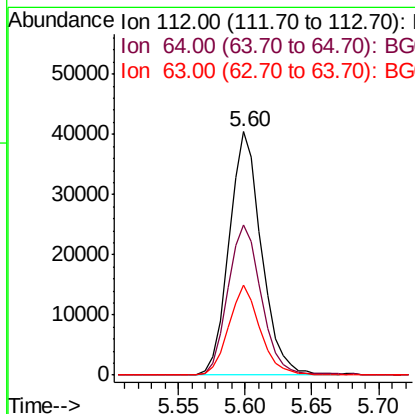
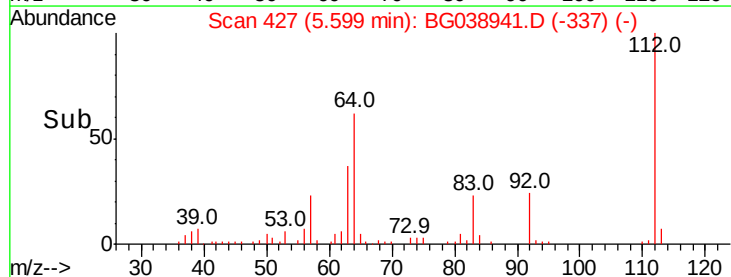
#5

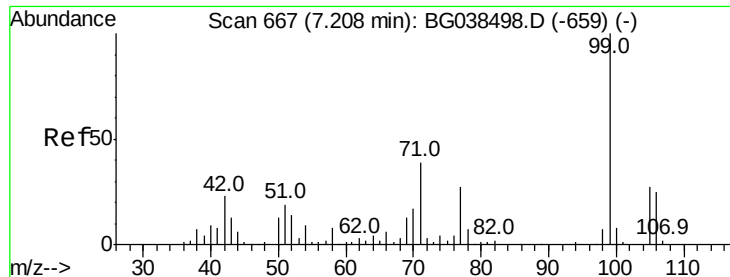
2-Fluorophenol
Concen: 50.299 ng
RT: 5.60 min Scan# 427
Delta R.T. -0.00 min
Lab File: BG038941.D
Acq: 4 Jan 2019 22:25

Tgt Ion:112 Resp: 68337
Ion Ratio Lower Upper
112 100
64 61.6 53.4 80.2
63 37.2 29.3 43.9



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: 31.527 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG038941.D

Acq: 4 Jan 2019 22:25

Instrument :

BNA_G

ClientSampleId :

B12_123118

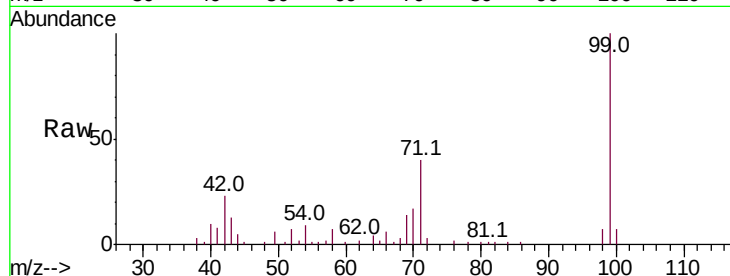
Tot Ion: 99 Resp: 58801

Ion Ratio Lower Upper

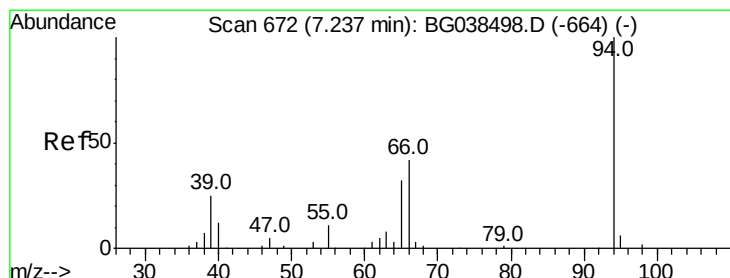
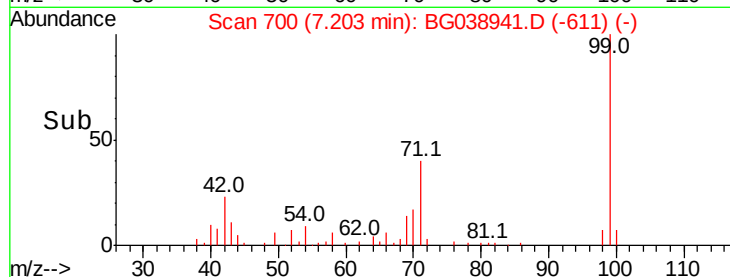
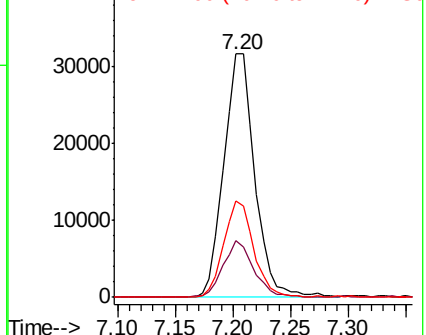
99 100

42 23.3 18.5 27.7

71 39.7 31.1 46.7



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: 5.505 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG038941.D

Acq: 4 Jan 2019 22:25

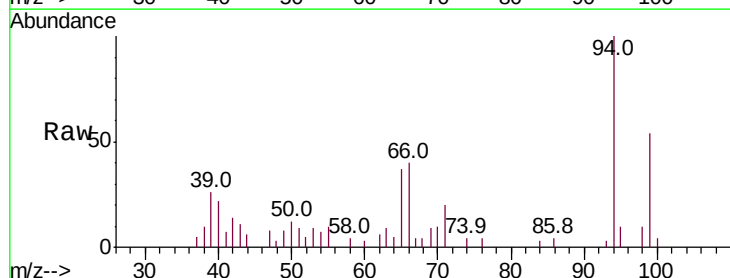
Tgt Ion: 94 Resp: 10908

Ion Ratio Lower Upper

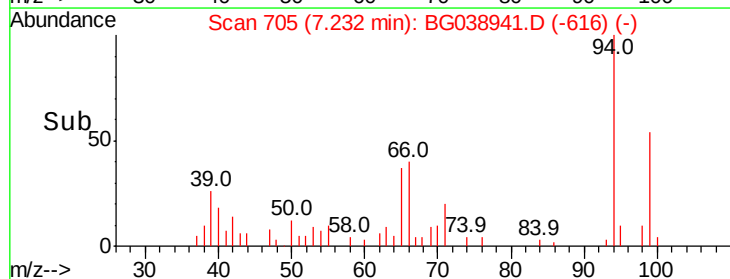
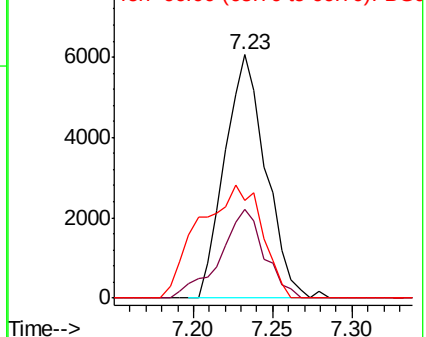
94 100

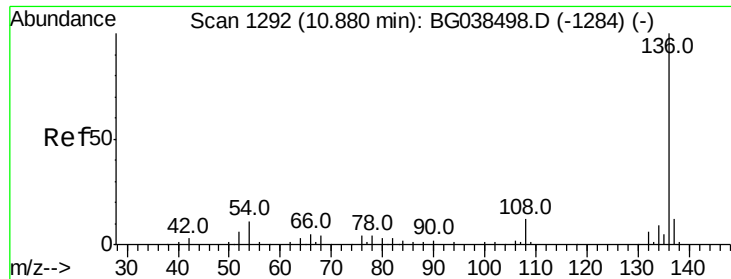
65 36.7 12.6 52.6

66 40.4 24.1 64.1



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

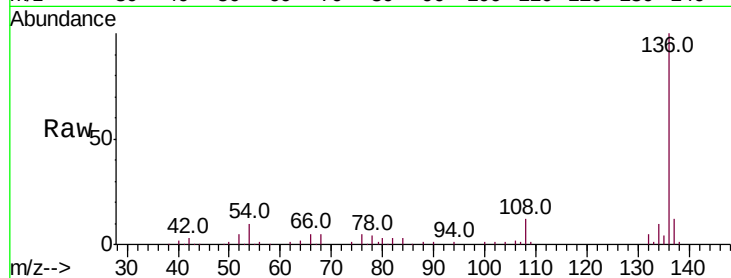




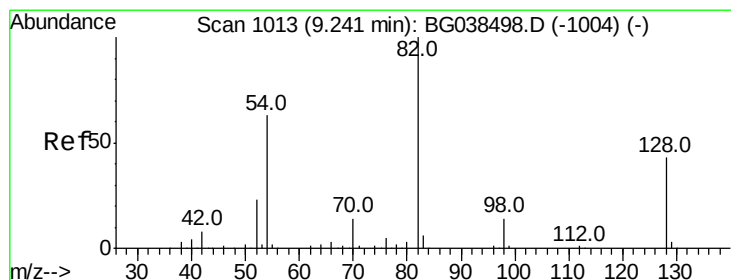
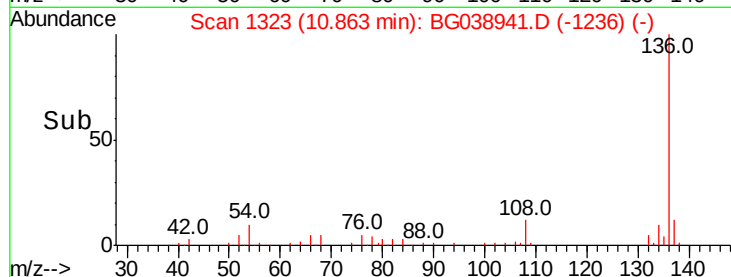
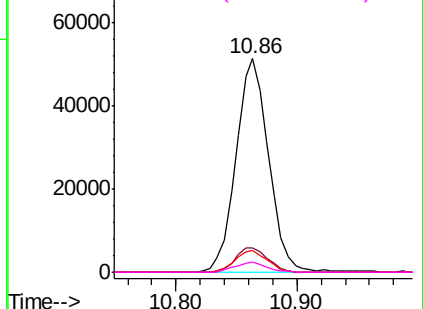
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG038941.D
Acq: 4 Jan 2019 22:25

Instrument :
BNA_G
ClientSampleId :
B12_123118

Tot Ion:	136	Resp:	96817
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.3	13.9
54	10.0	8.5	12.7
68	5.1	3.5	5.3

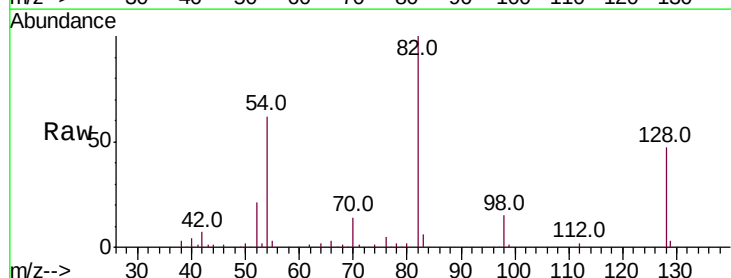


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

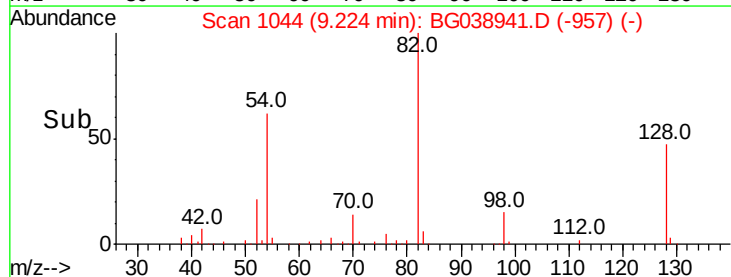
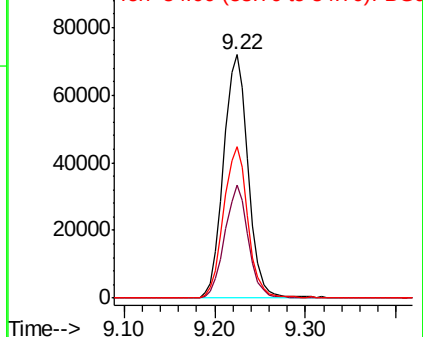


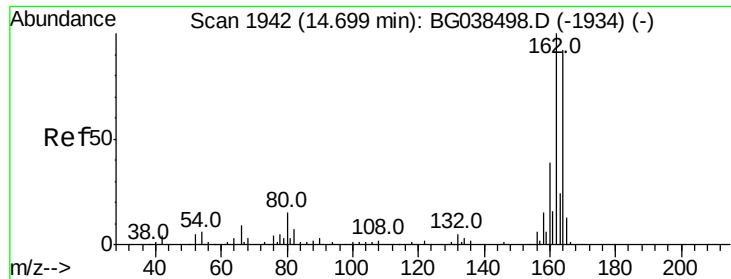
#23
Nitrobenzene-d5
Concen: 71.422 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG038941.D
Acq: 4 Jan 2019 22:25

Tgt Ion:	82	Resp:	135354
Ion	Ratio	Lower	Upper
82	100		
128	46.7	34.6	52.0
54	62.2	50.6	76.0



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: 14.68 min Scan# 1973

Delta R.T. -0.02 min

Lab File: BG038941.D

Acq: 4 Jan 2019 22:25

Instrument :

BNA_G

ClientSampleId :

B12_123118

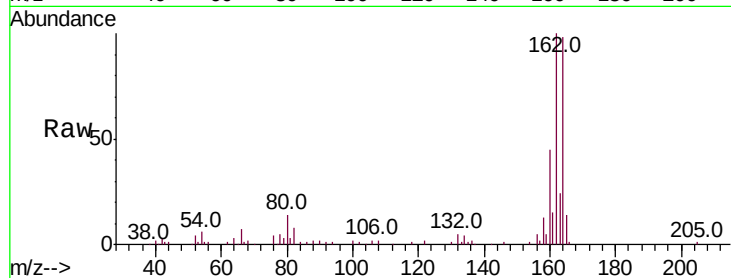
Tot Ion:164 Resp: 70224

Ion Ratio Lower Upper

164 100

162 101.7 86.6 130.0

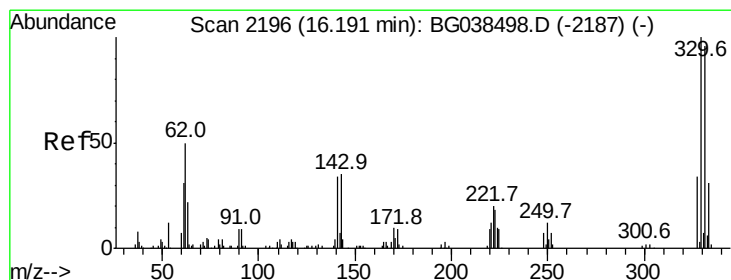
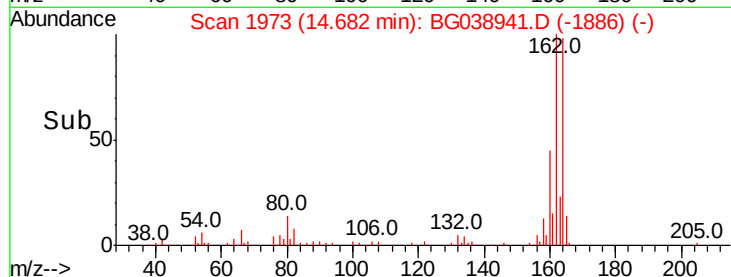
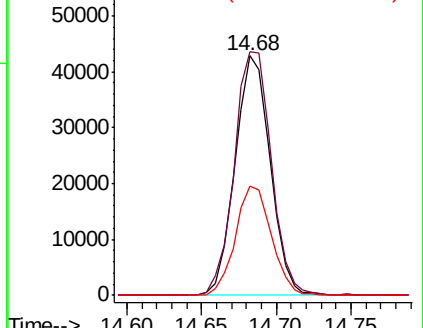
160 45.6 34.2 51.2



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: 131.845 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.02 min

Lab File: BG038941.D

Acq: 4 Jan 2019 22:25

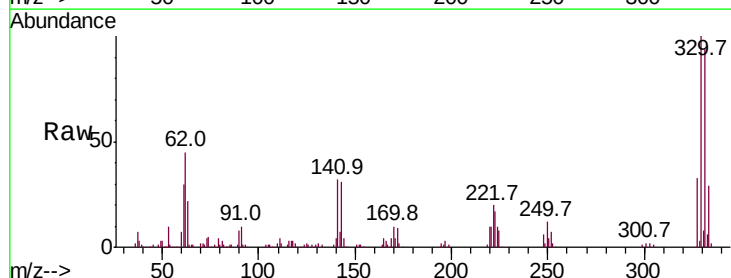
Tgt Ion:330 Resp: 127601

Ion Ratio Lower Upper

330 100

332 96.1 76.9 115.3

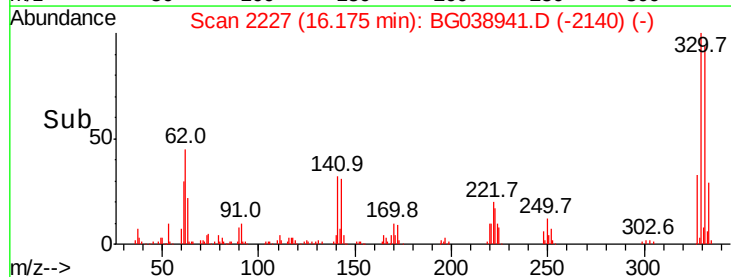
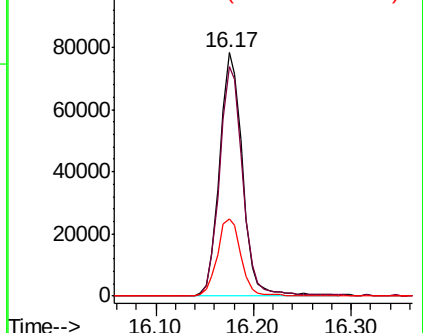
141 33.0 28.8 43.2

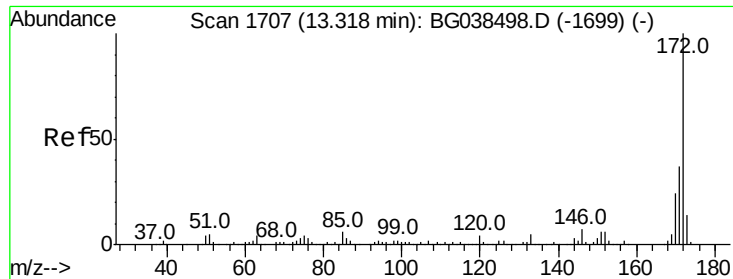


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

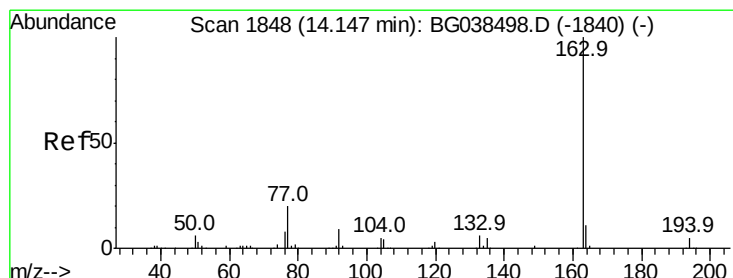
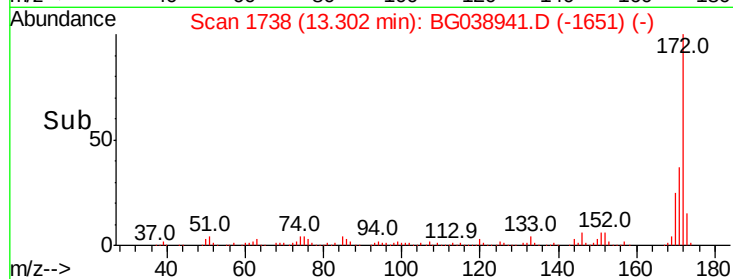
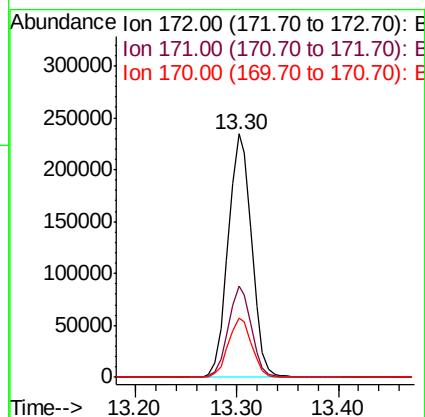
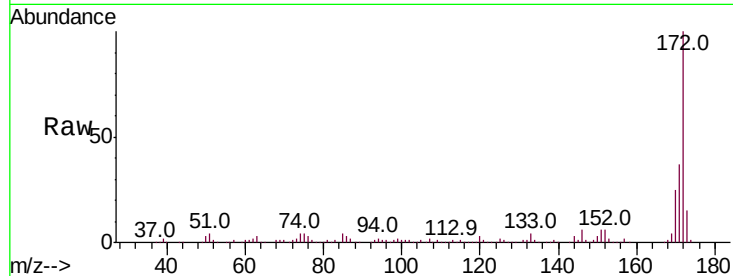




#45
2-Fluorobiphenyl
Concen: 73.707 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.02 min
Lab File: BG038941.D
Acq: 4 Jan 2019 22:25

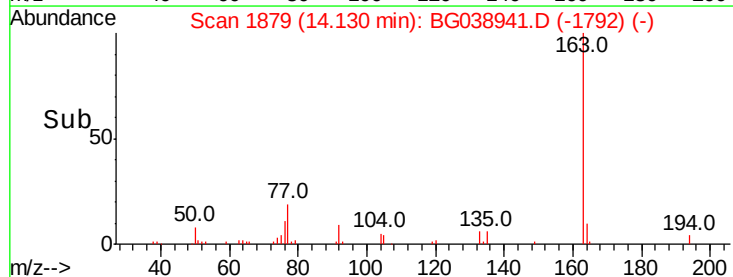
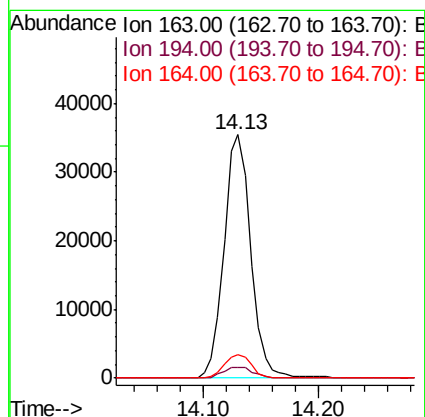
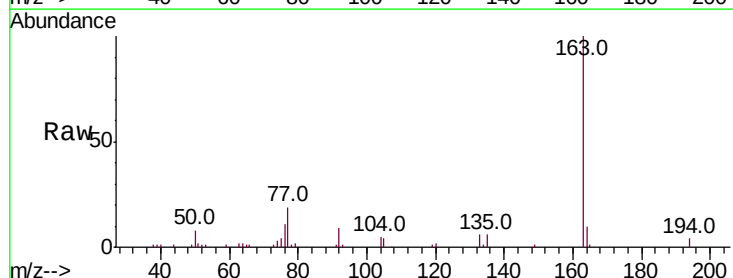
Instrument :
BNA_G
ClientSampleId :
B12_123118

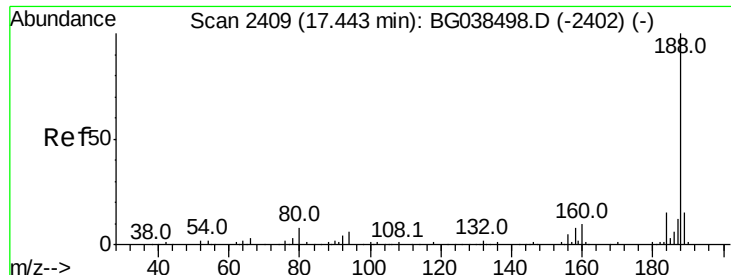
Tot Ion:172 Resp: 377303
Ion Ratio Lower Upper
172 100
171 37.5 29.8 44.6
170 24.6 19.5 29.3



#50
Dimethylphthalate
Concen: 9.922 ng
RT: 14.13 min Scan# 1879
Delta R.T. -0.02 min
Lab File: BG038941.D
Acq: 4 Jan 2019 22:25

Tgt Ion:163 Resp: 56902
Ion Ratio Lower Upper
163 100
194 4.5 3.7 5.5
164 9.8 8.6 12.8

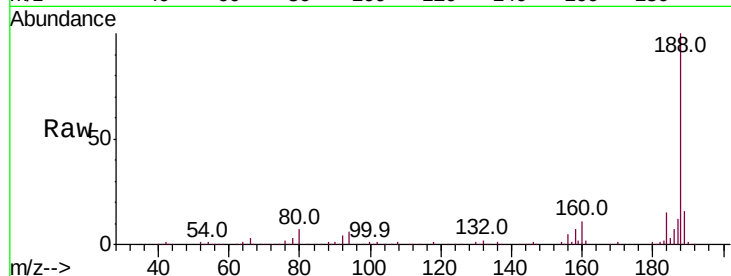




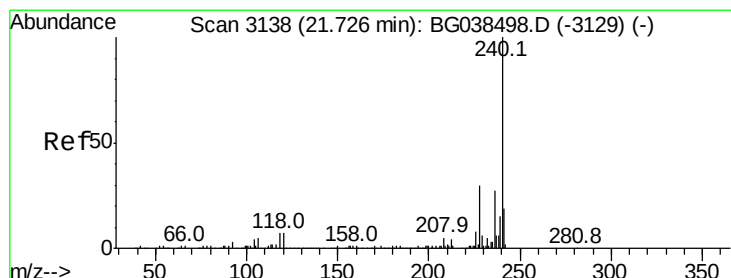
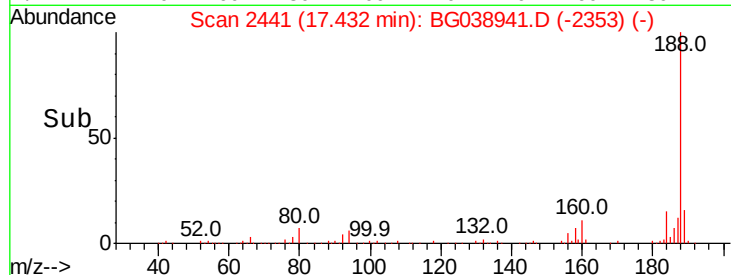
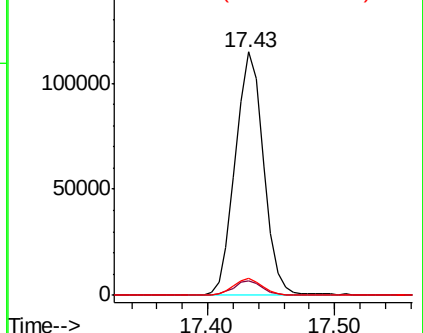
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2441
 Delta R.T. -0.01 min
 Lab File: BG038941.D
 Acq: 4 Jan 2019 22:25

Instrument :
 BNA_G
 ClientSampleId :
 B12_123118

Tot Ion:188 Resp: 177886
 Ion Ratio Lower Upper
 188 100
 94 6.1 5.1 7.7
 80 7.1 6.1 9.1

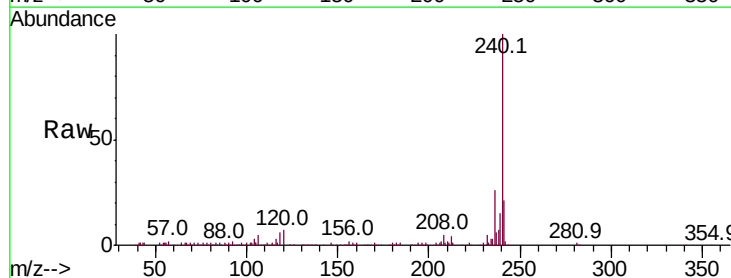


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

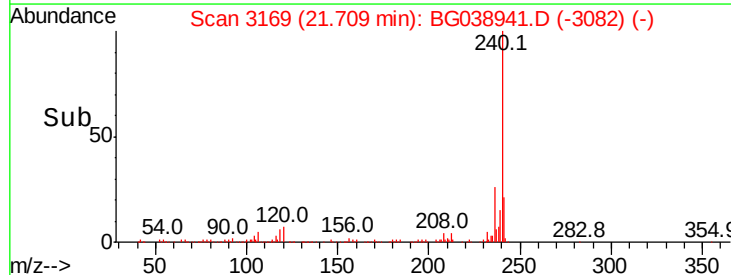
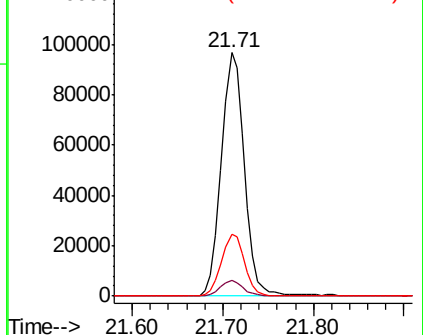


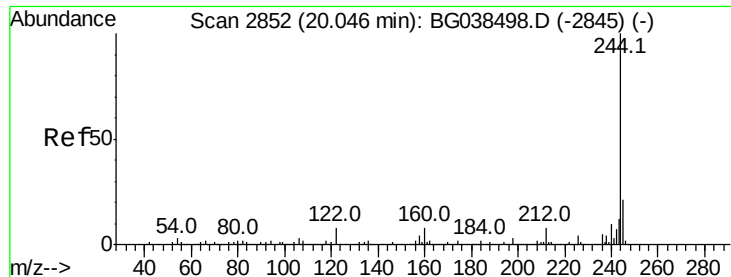
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.71 min Scan# 3169
 Delta R.T. -0.02 min
 Lab File: BG038941.D
 Acq: 4 Jan 2019 22:25

Tgt Ion:240 Resp: 170757
 Ion Ratio Lower Upper
 240 100
 120 6.6 5.3 7.9
 236 25.6 21.4 32.2



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: 90.117 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG038941.D

Acq: 4 Jan 2019 22:25

Instrument :

BNA_G

ClientSampleId :

B12_123118

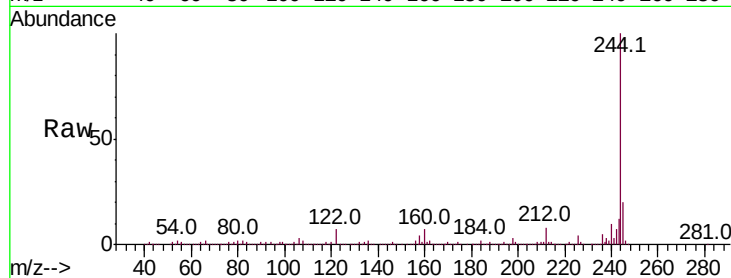
Tot Ion:244 Resp: 707068

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

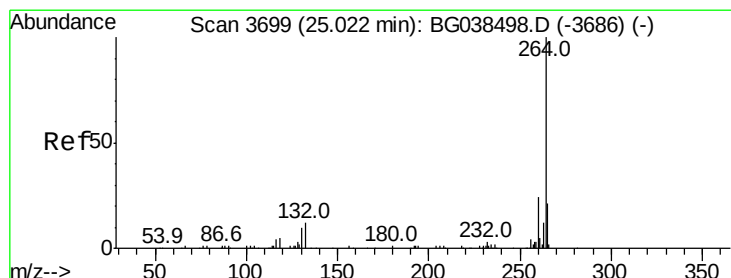
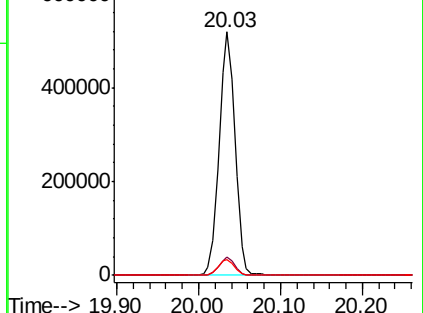
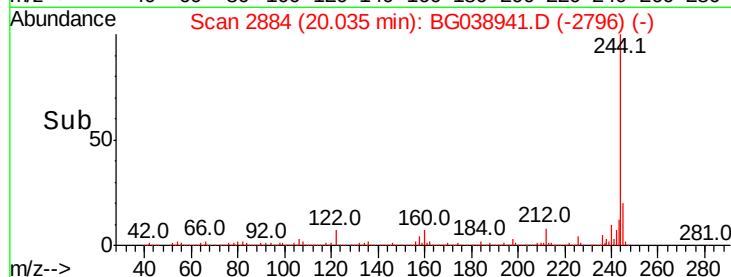
122 6.7 6.3 9.5



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: 25.01 min Scan# 3730

Delta R.T. -0.02 min

Lab File: BG038941.D

Acq: 4 Jan 2019 22:25

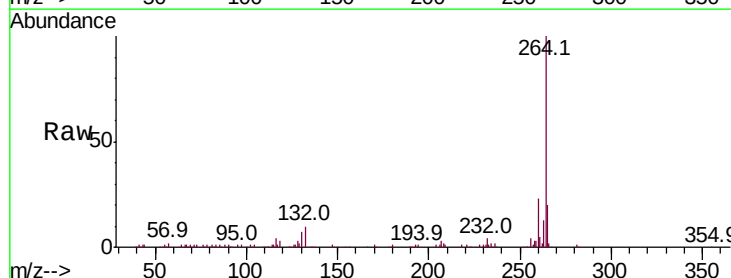
Tgt Ion:264 Resp: 182213

Ion Ratio Lower Upper

264 100

260 22.6 18.9 28.3

265 20.3 17.0 25.4



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

