

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122118\
 Data File : BG038819.D
 Acq On : 22 Dec 2018 15:55
 Operator : JU/SJ
 Sample : J6469-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DRUM-1

Quant Time: Dec 24 04:20:11 2018
 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

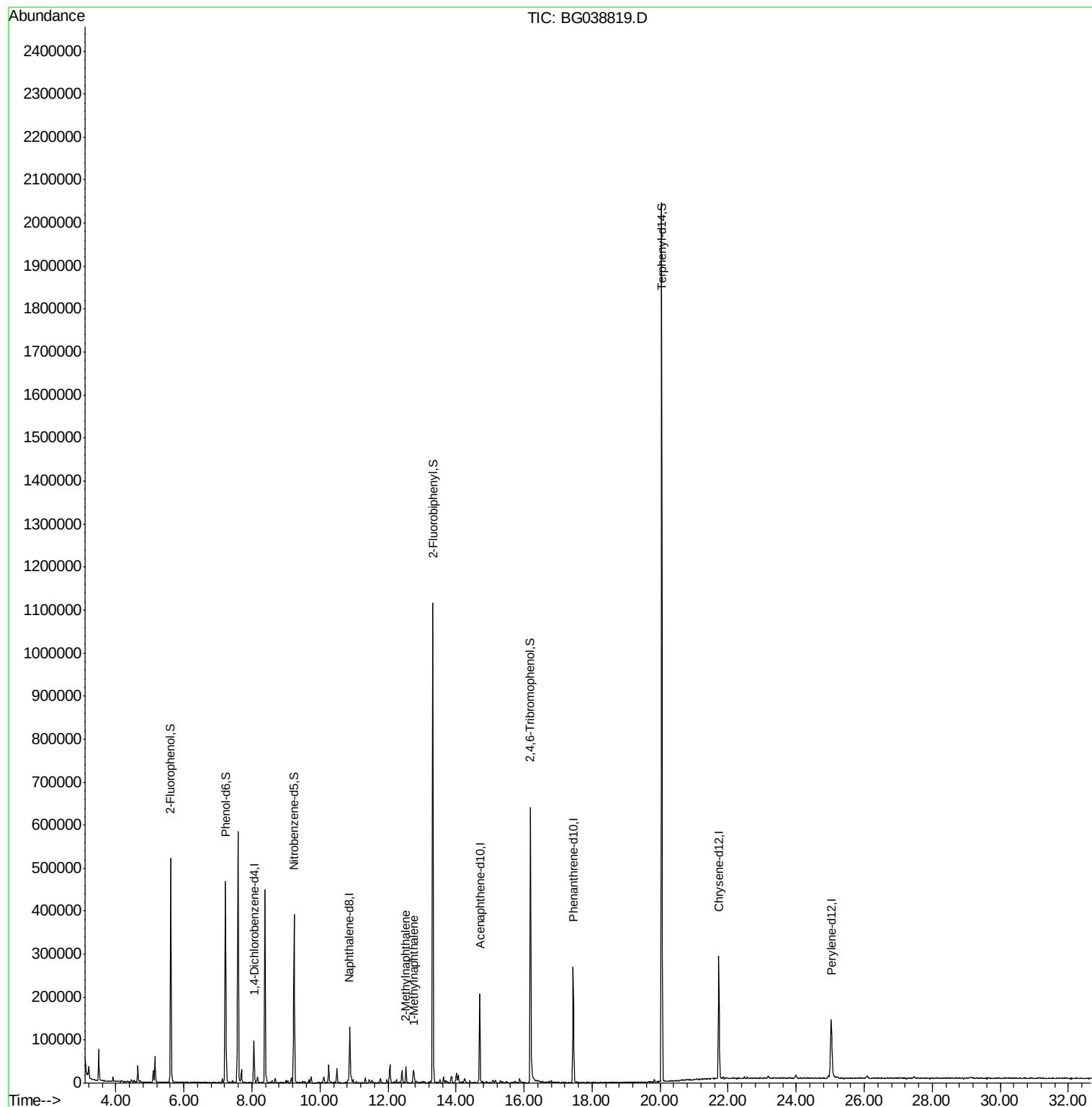
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	29120	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	116005	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	79188	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	182146	20.00	ng	0.00
76) Chrysene-d12	21.73	240	184614	20.00	ng	0.00
87) Perylene-d12	25.03	264	192247	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	223410	136.08	ng	0.01
7) Phenol-d6	7.22	99	275731	122.34	ng	0.01
23) Nitrobenzene-d5	9.24	82	227658	100.26	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	160773	147.32	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	605438	104.89	ng	0.00
79) Terphenyl-d14	20.05	244	1026741	121.04	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	12.52	142	19971	4.898	ng	96
38) 1-Methylnaphthalene	12.74	142	13657	3.451	ng	95

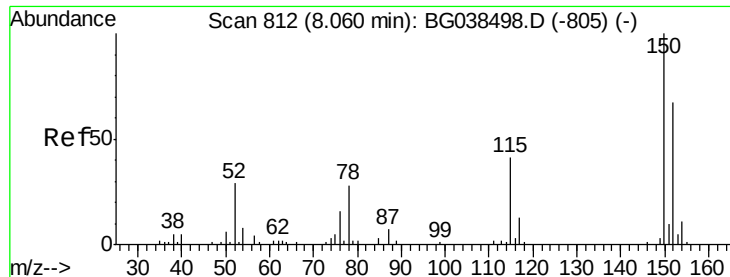
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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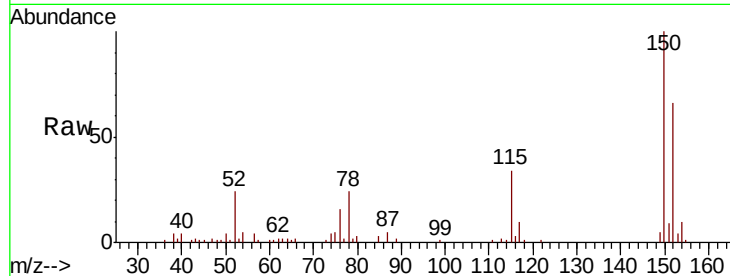


#1

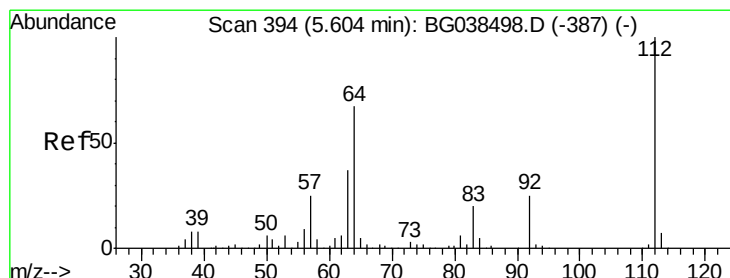
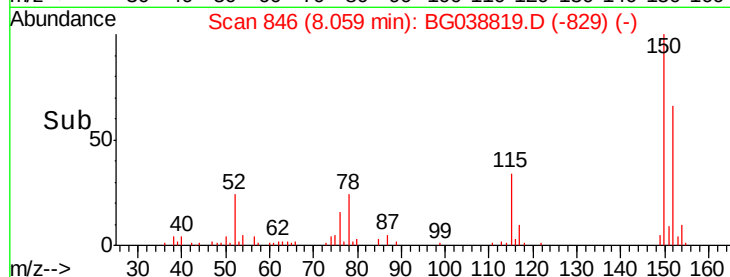
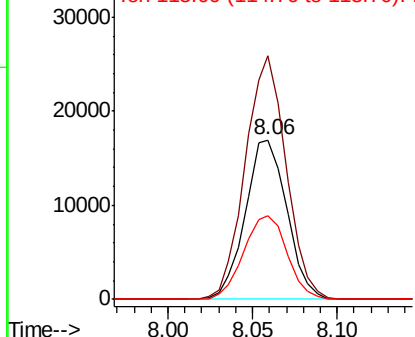
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038819.D
Acq: 22 Dec 2018 15:55

Instrument :
BNA_G
ClientSampleId :
DRUM-1

Tot Ion:152 Resp: 29120
Ion Ratio Lower Upper
152 100
150 152.5 119.5 179.3
115 52.3 49.6 74.4



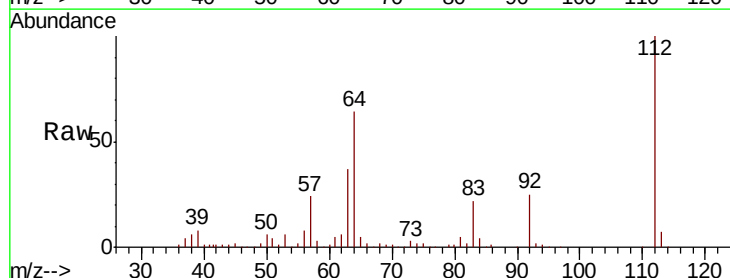
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



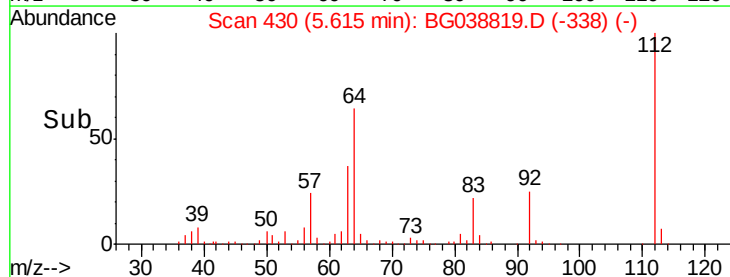
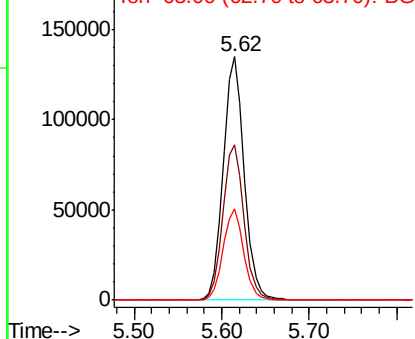
#5

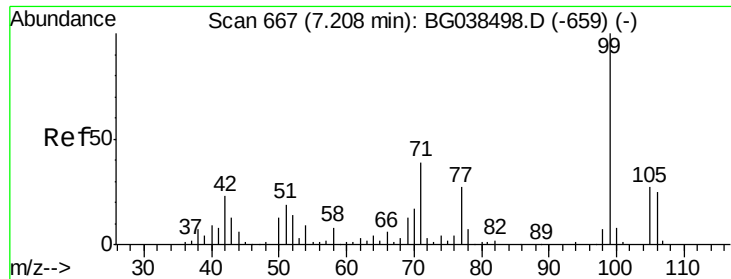
2-Fluorophenol
Concen: 136.075 ng
RT: 5.62 min Scan# 430
Delta R.T. 0.01 min
Lab File: BG038819.D
Acq: 22 Dec 2018 15:55

Tgt Ion:112 Resp: 223410
Ion Ratio Lower Upper
112 100
64 64.0 53.4 80.2
63 37.4 29.3 43.9



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: 122.336 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG038819.D

Acq: 22 Dec 2018 15:55

Instrument :

BNA_G

ClientSampleId :

DRUM-1

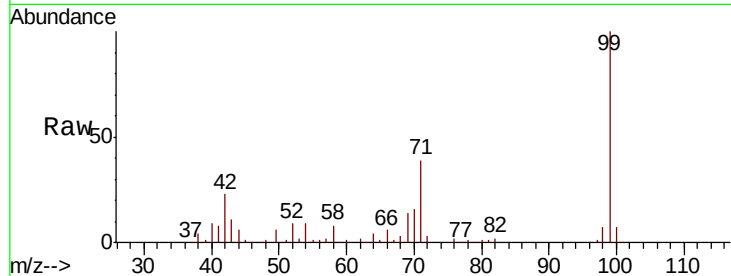
Tot Ion: 99 Resp: 275731

Ion Ratio Lower Upper

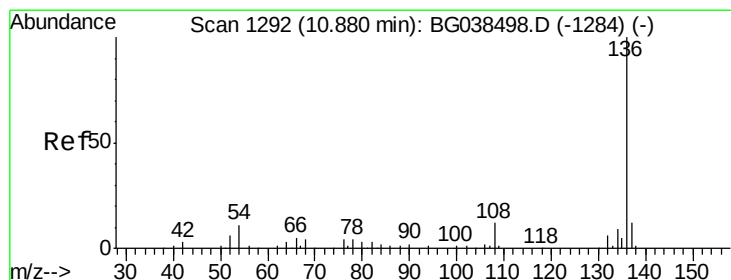
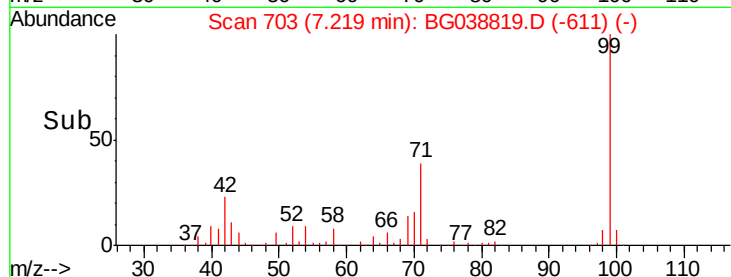
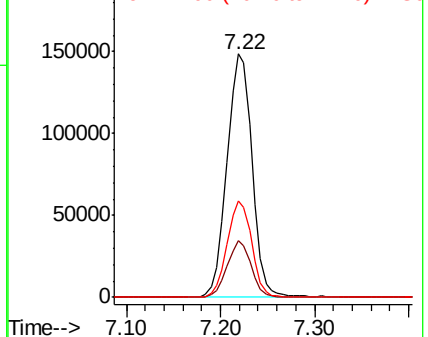
99 100

42 23.1 18.5 27.7

71 39.4 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BG038819.D

Acq: 22 Dec 2018 15:55

Tgt Ion: 136 Resp: 116005

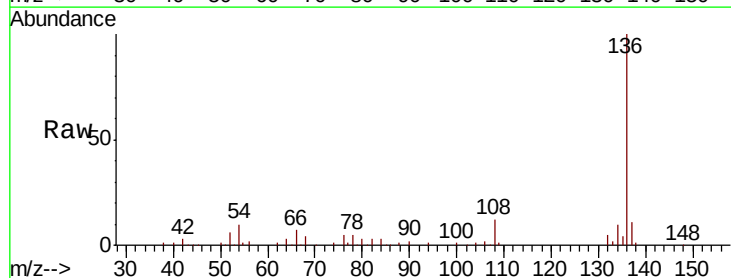
Ion Ratio Lower Upper

136 100

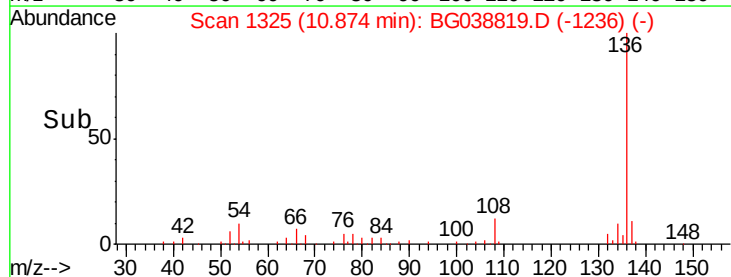
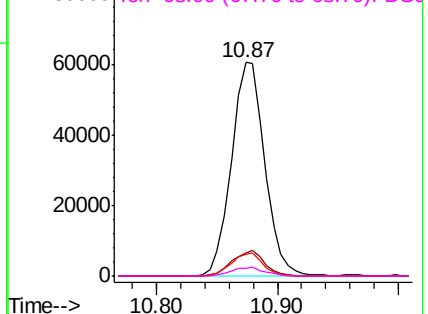
137 10.5 9.3 13.9

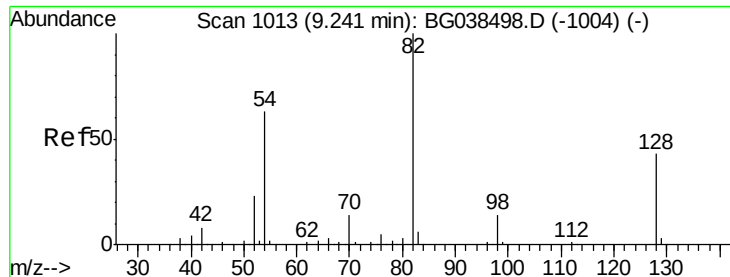
54 10.6 8.5 12.7

68 3.7 3.5 5.3



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

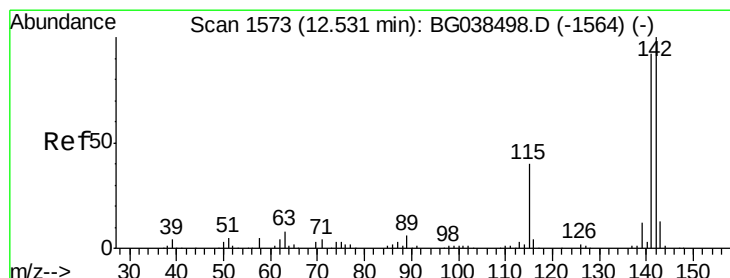
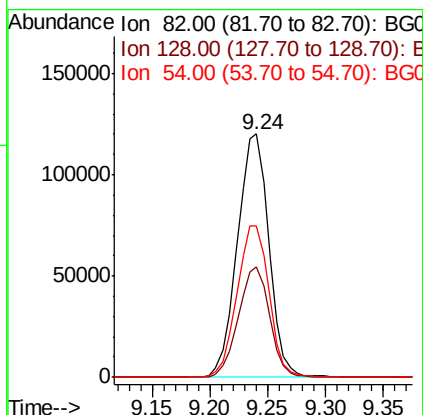
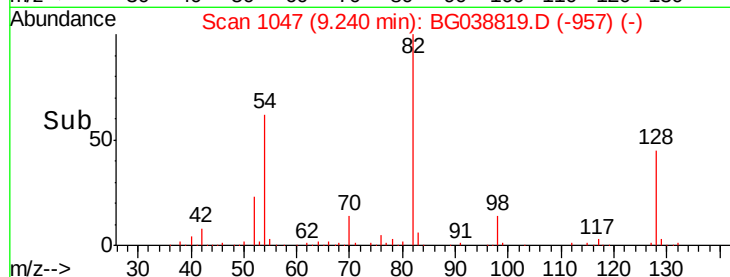
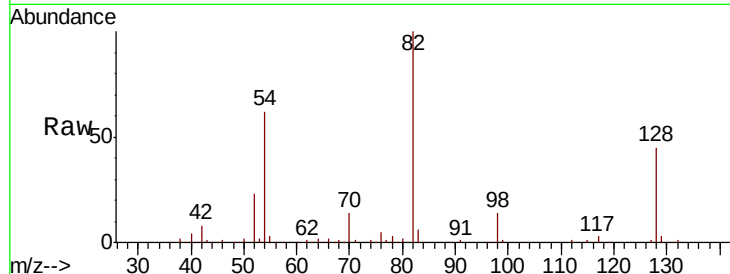




#23
 Nitrobenzene-d5
 Concen: 100.258 ng
 RT: 9.24 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: BG038819.D
 Acq: 22 Dec 2018 15:55

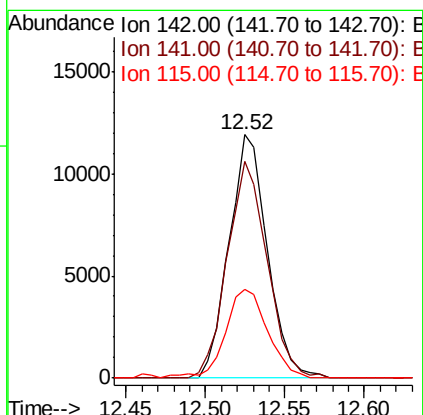
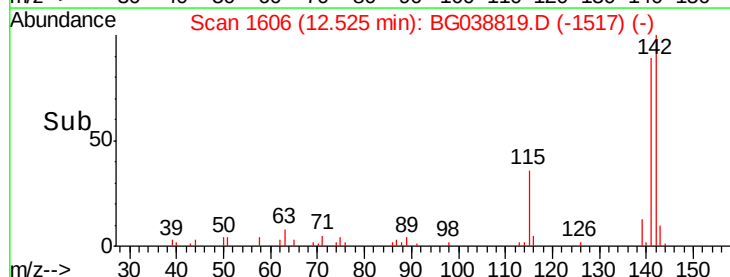
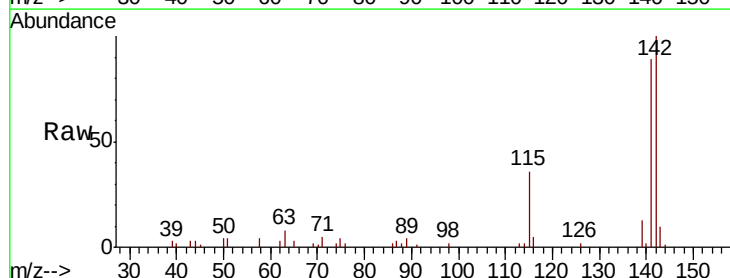
Instrument :
 BNA_G
 ClientSampleId :
 DRUM-1

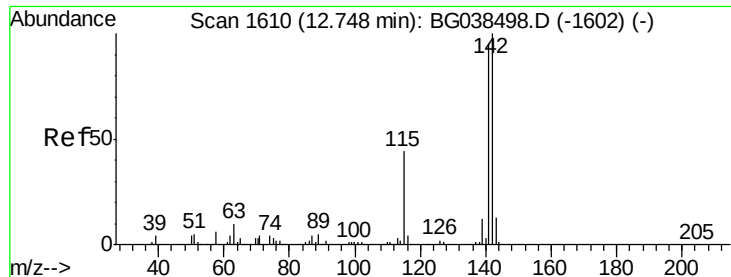
Tot Ion: 82 Resp: 227658
 Ion Ratio Lower Upper
 82 100
 128 45.3 34.6 52.0
 54 62.2 50.6 76.0



#37
 2-Methylnaphthalene
 Concen: 4.898 ng
 RT: 12.52 min Scan# 1606
 Delta R.T. -0.01 min
 Lab File: BG038819.D
 Acq: 22 Dec 2018 15:55

Tgt Ion: 142 Resp: 19971
 Ion Ratio Lower Upper
 142 100
 141 88.8 73.5 110.3
 115 36.4 31.7 47.5

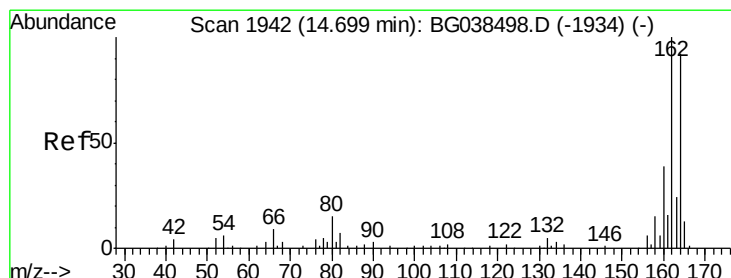
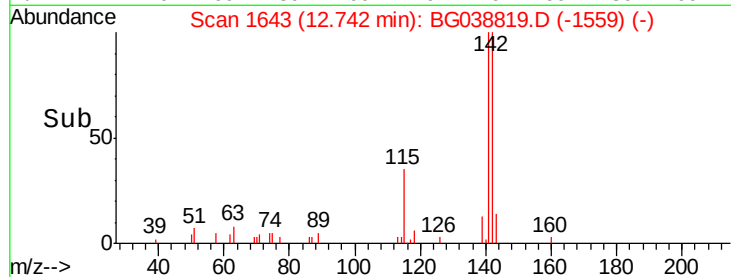
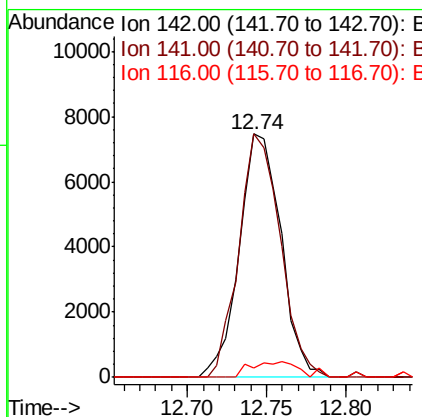
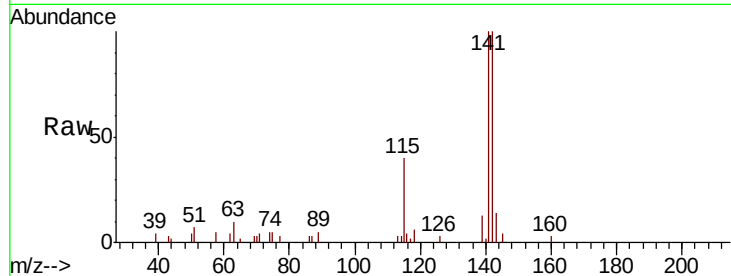




#38
 1-Methylnaphthalene
 Concen: 3.451 ng
 RT: 12.74 min Scan# 1643
 Delta R.T. -0.01 min
 Lab File: BG038819.D
 Acq: 22 Dec 2018 15:55

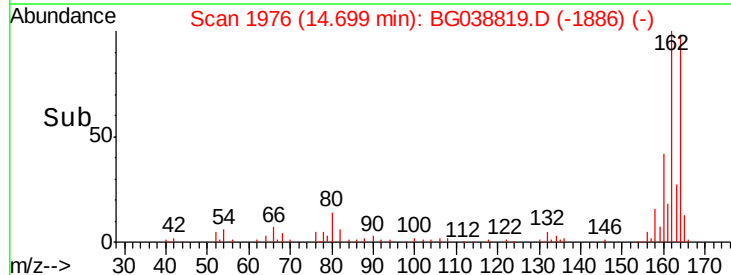
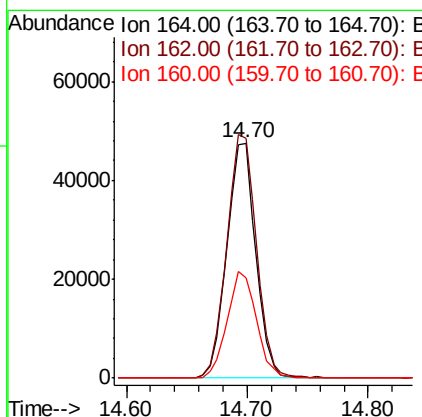
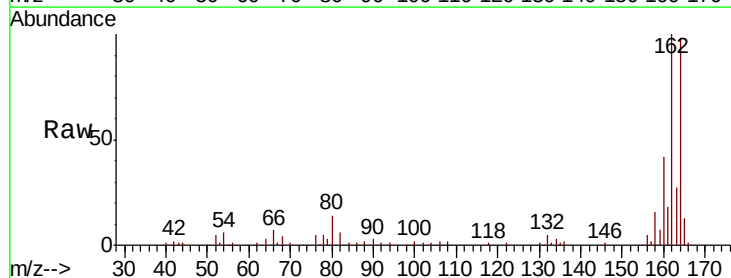
Instrument :
 BNA_G
 ClientSampleId :
 DRUM-1

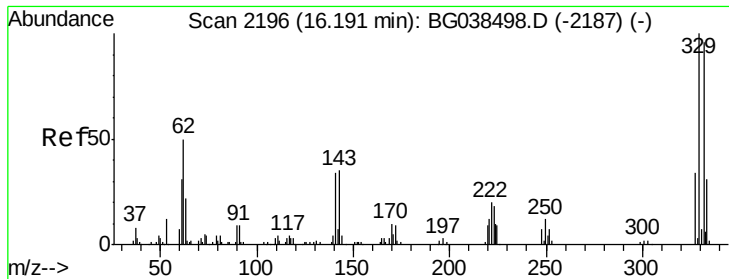
Tot Ion:142 Resp: 13657
 Ion Ratio Lower Upper
 142 100
 141 100.1 75.8 113.8
 116 4.0 3.6 5.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. -0.00 min
 Lab File: BG038819.D
 Acq: 22 Dec 2018 15:55

Tgt Ion:164 Resp: 79188
 Ion Ratio Lower Upper
 164 100
 162 101.9 86.6 130.0
 160 42.9 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 147.315 ng

RT: 16.19 min Scan# 2230

Delta R.T. -0.00 min

Lab File: BG038819.D

Acq: 22 Dec 2018 15:55

Instrument :

BNA_G

ClientSampleId :

DRUM-1

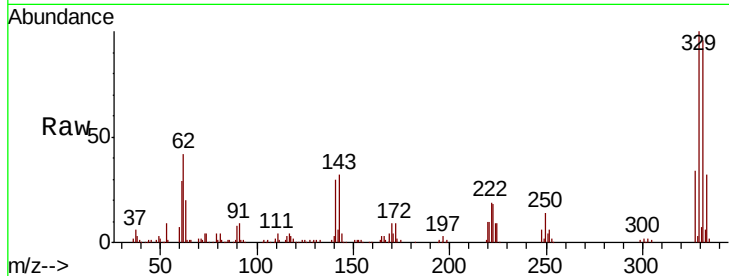
Tot Ion:330 Resp: 160773

Ion Ratio Lower Upper

330 100

332 93.9 76.9 115.3

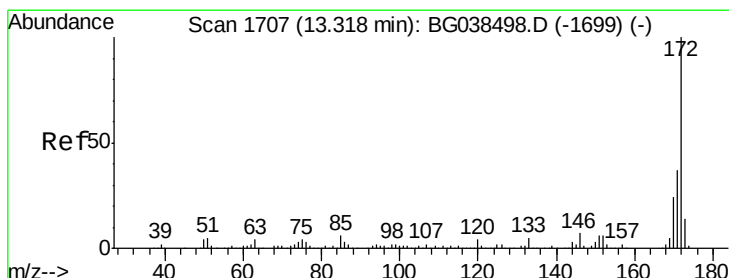
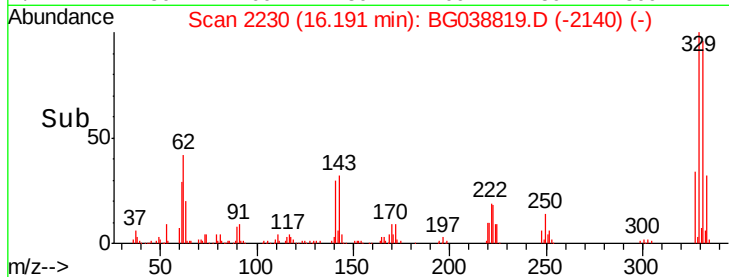
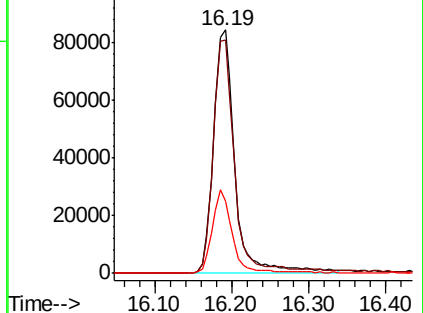
141 32.5 28.8 43.2



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: 104.886 ng

RT: 13.32 min Scan# 1741

Delta R.T. -0.00 min

Lab File: BG038819.D

Acq: 22 Dec 2018 15:55

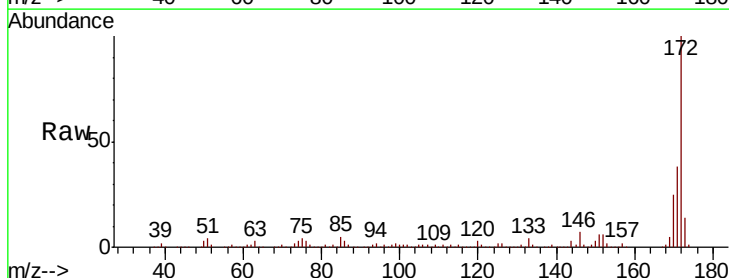
Tgt Ion:172 Resp: 605438

Ion Ratio Lower Upper

172 100

171 38.4 29.8 44.6

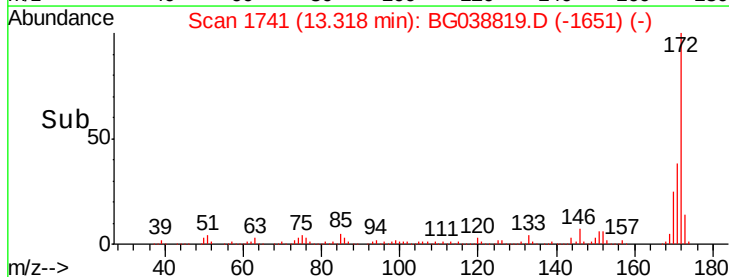
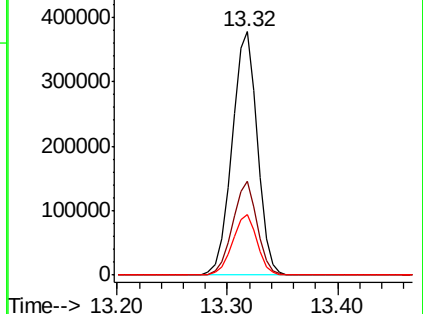
170 24.9 19.5 29.3

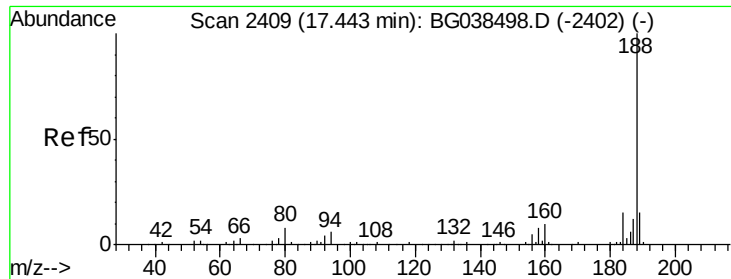


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.44 min Scan# 2443

Delta R.T. -0.00 min

Lab File: BG038819.D

Acq: 22 Dec 2018 15:55

Instrument :

BNA_G

ClientSampleId :

DRUM-1

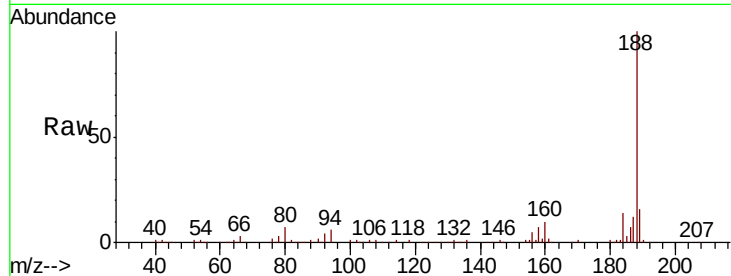
Tot Ion:188 Resp: 182146

Ion Ratio Lower Upper

188 100

94 5.7 5.1 7.7

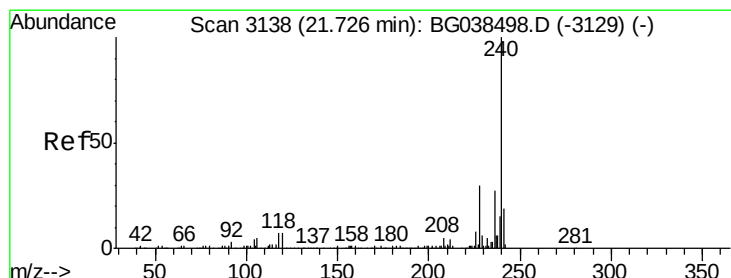
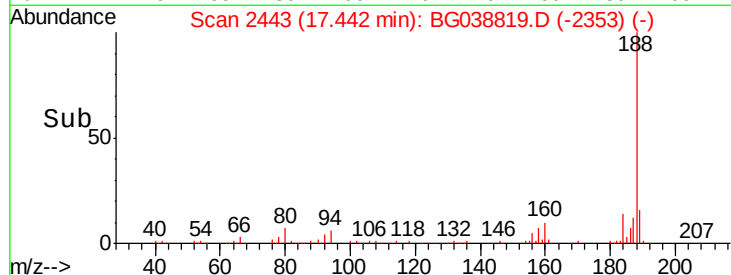
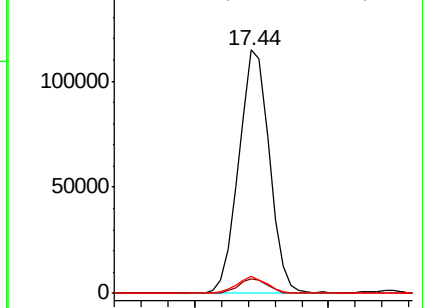
80 6.9 6.1 9.1



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: 21.73 min Scan# 3172

Delta R.T. -0.00 min

Lab File: BG038819.D

Acq: 22 Dec 2018 15:55

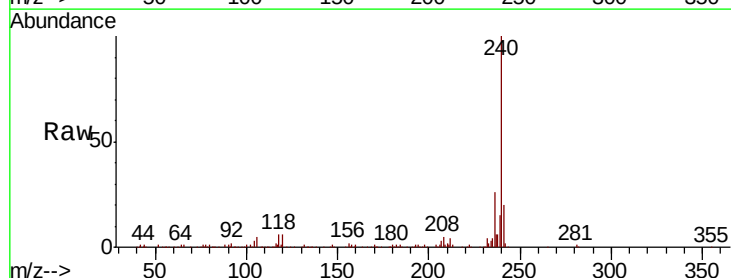
Tgt Ion:240 Resp: 184614

Ion Ratio Lower Upper

240 100

120 5.9 5.3 7.9

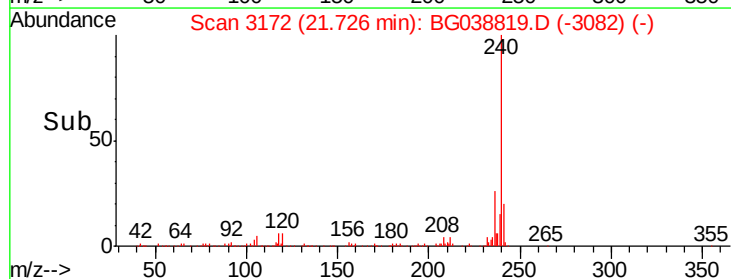
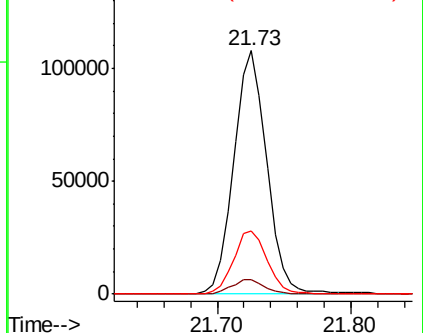
236 26.1 21.4 32.2

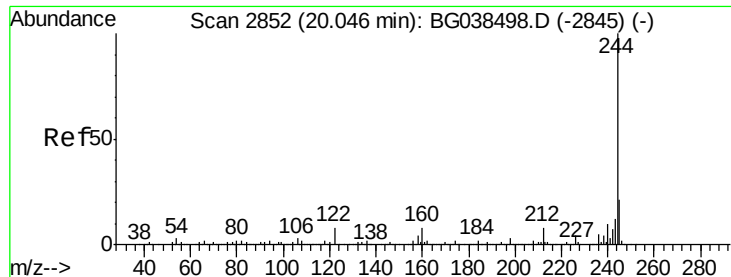


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 121.038 ng

RT: 20.05 min Scan# 2886

Delta R.T. 0.00 min

Lab File: BG038819.D

Acq: 22 Dec 2018 15:55

Instrument :

BNA_G

ClientSampleId :

DRUM-1

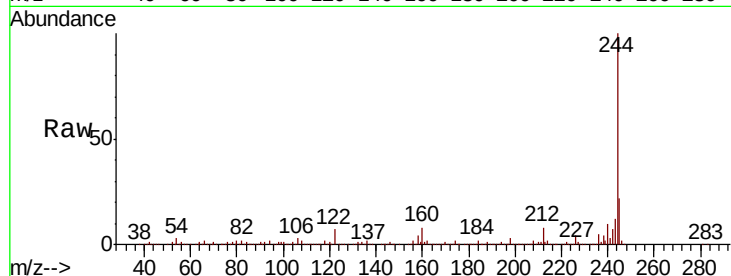
Tot Ion:244 Resp: 1026741

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

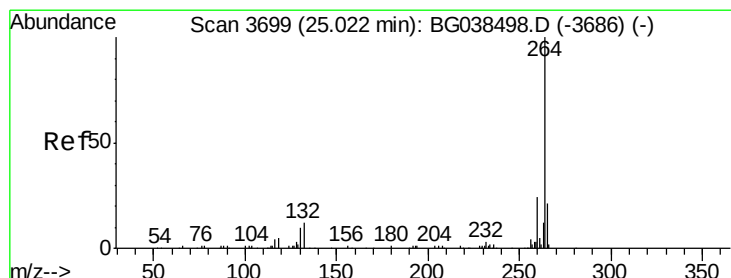
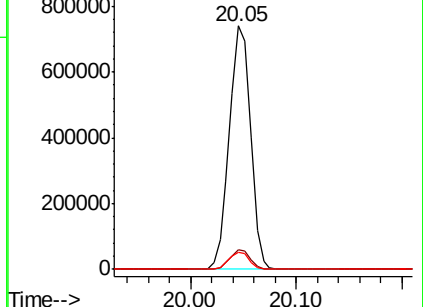
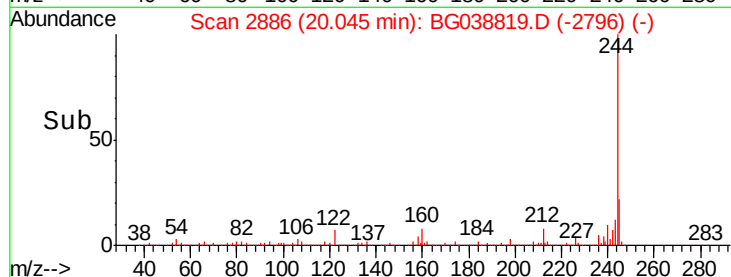
122 7.2 6.3 9.5



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: 25.03 min Scan# 3734

Delta R.T. 0.01 min

Lab File: BG038819.D

Acq: 22 Dec 2018 15:55

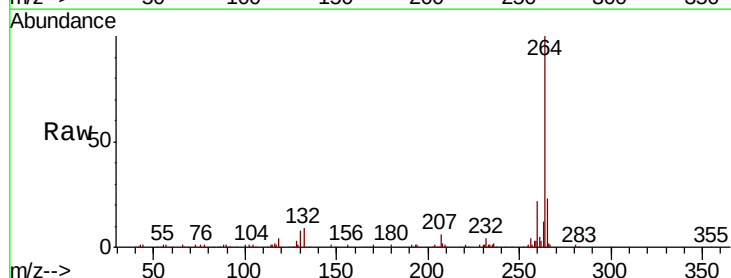
Tgt Ion:264 Resp: 192247

Ion Ratio Lower Upper

264 100

260 21.6 18.9 28.3

265 22.8 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

