

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121618\
 Data File : BG038646.D
 Acq On : 16 Dec 2018 18:45
 Operator : JU/SJ
 Sample : J6391-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-SS015-1824-01

Quant Time: Dec 17 06:24:49 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

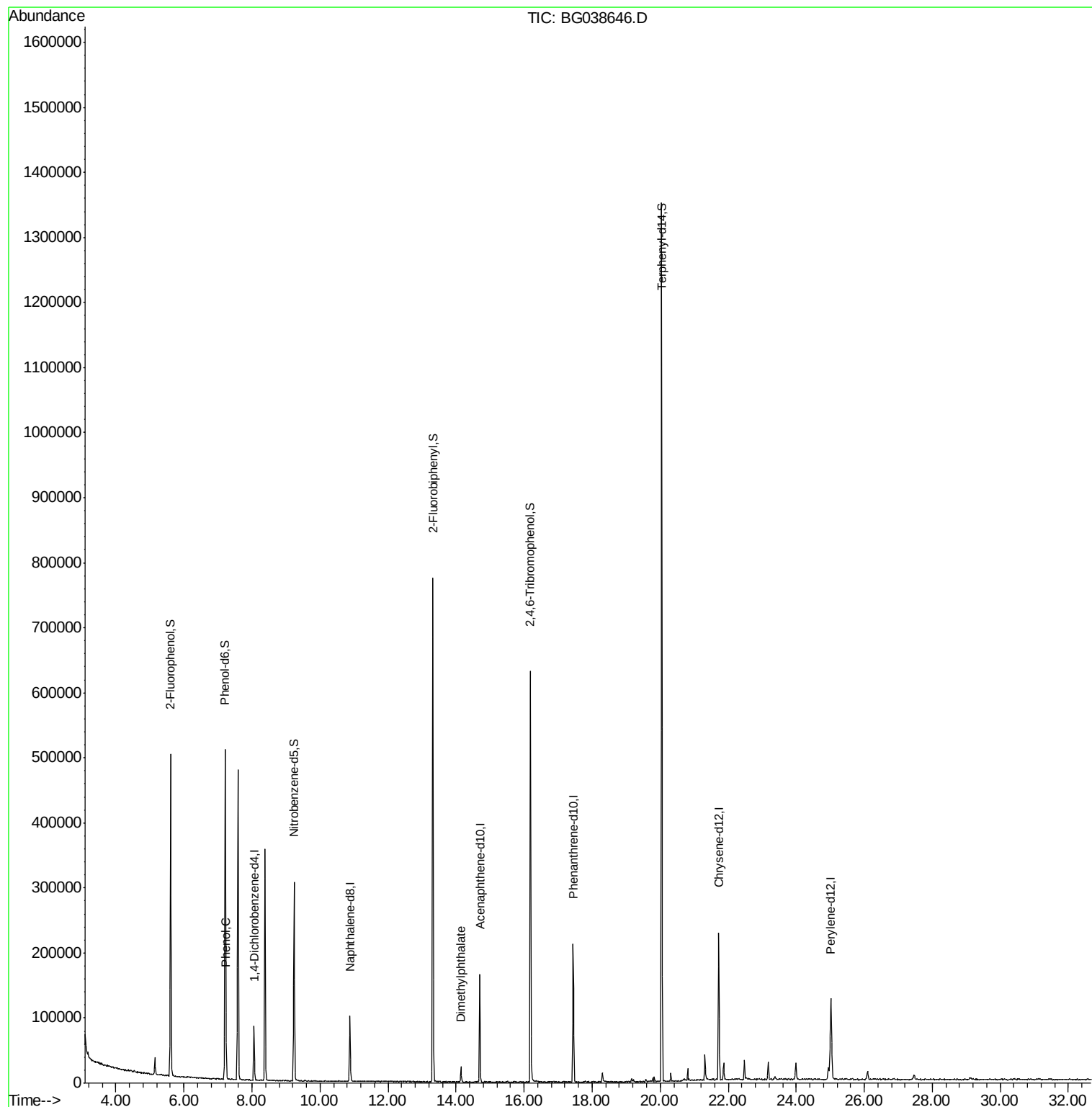
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	22184	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	91762	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	60486	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	144578	20.00	ng	0.00
76) Chrysene-d12	21.72	240	147419	20.00	ng	0.00
87) Perylene-d12	25.01	264	155968	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	204668	163.64	ng	0.00
7) Phenol-d6	7.21	99	279833	162.97	ng	0.00
23) Nitrobenzene-d5	9.24	82	183208	102.00	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	121782	146.09	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	410872	93.19	ng	0.00
79) Terphenyl-d14	20.04	244	655212	96.73	ng	0.00
Target Compounds						
10) Phenol	7.24	94	14614	8.011	ng	96
50) Dimethylphthalate	14.15	163	18908	3.828	ng	99

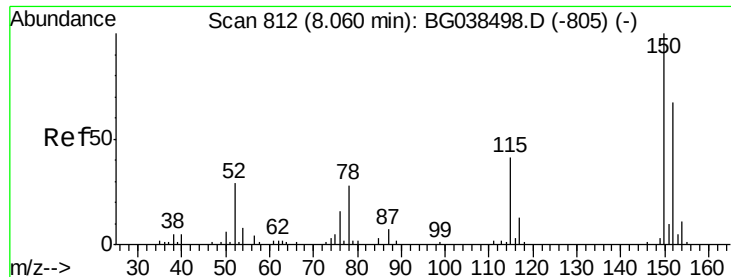
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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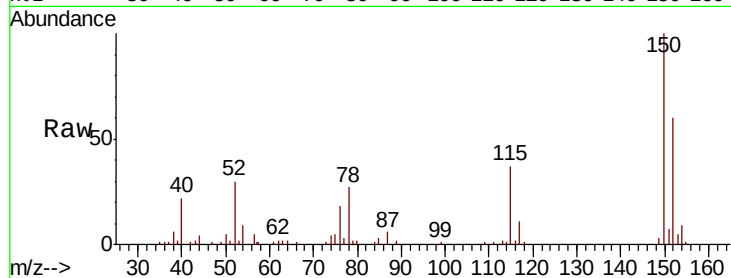


#1

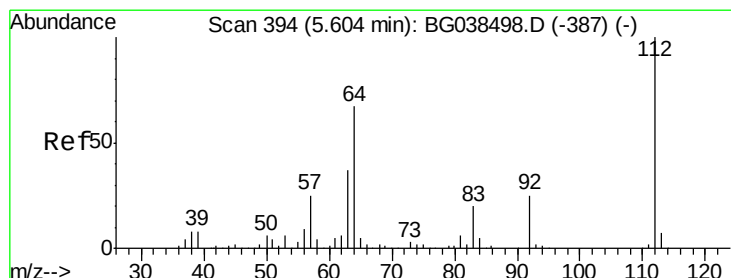
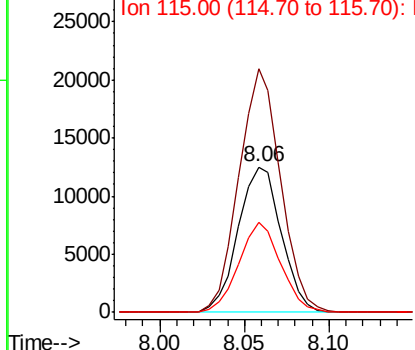
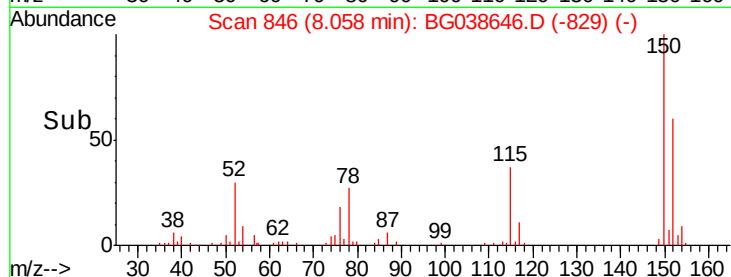
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038646.D
Acq: 16 Dec 2018 18:45

Instrument :
BNA_G
ClientSampleId :
P001-SS015-1824-01

Tot Ion:152 Resp: 22184
Ion Ratio Lower Upper
152 100
150 167.7 119.5 179.3
115 61.9 49.6 74.4



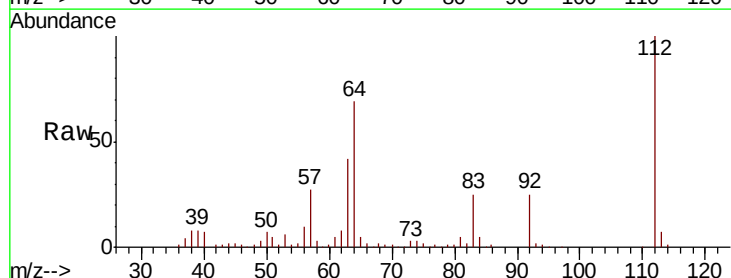
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



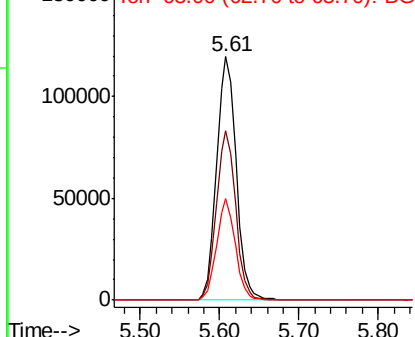
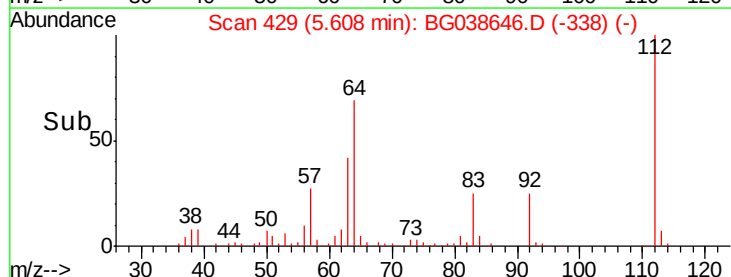
#5

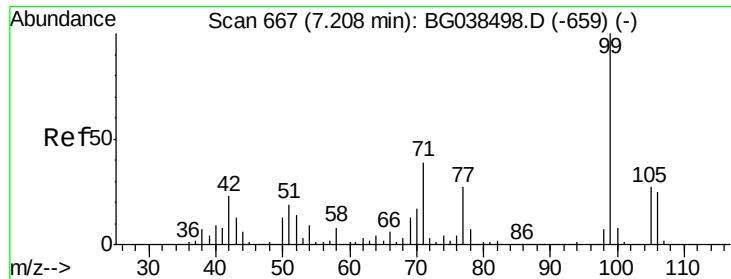
2-Fluorophenol
Concen: 163.636 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038646.D
Acq: 16 Dec 2018 18:45

Tgt Ion:112 Resp: 204668
Ion Ratio Lower Upper
112 100
64 69.5 53.4 80.2
63 41.6 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: 162.974 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038646.D

Acq: 16 Dec 2018 18:45

Instrument :

BNA_G

ClientSampleId :

P001-SS015-1824-01

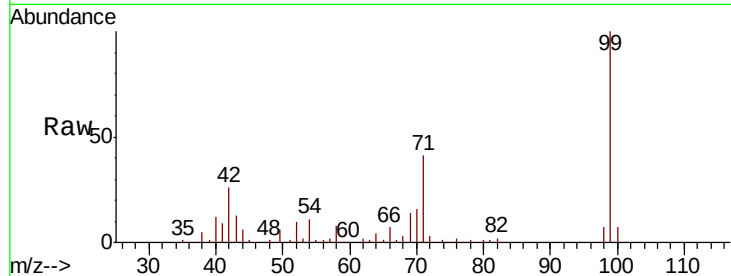
Tot Ion: 99 Resp: 279833

Ion Ratio Lower Upper

99 100

42 25.6 18.5 27.7

71 41.1 31.1 46.7

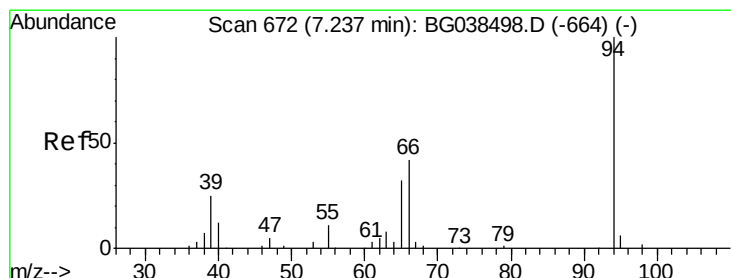
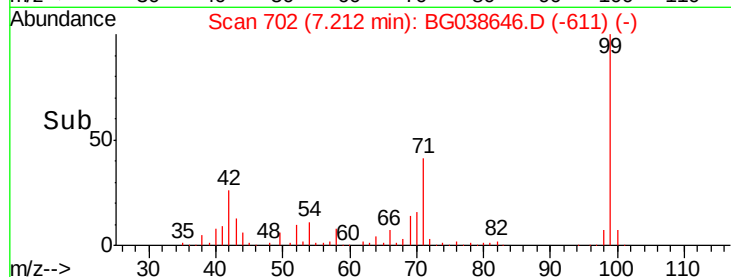
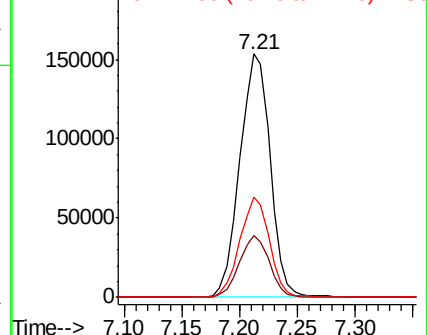


Abundance

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: 8.011 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG038646.D

Acq: 16 Dec 2018 18:45

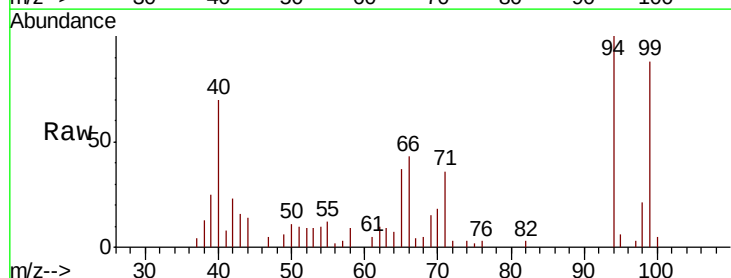
Tgt Ion: 94 Resp: 14614

Ion Ratio Lower Upper

94 100

65 37.0 12.6 52.6

66 42.9 24.1 64.1

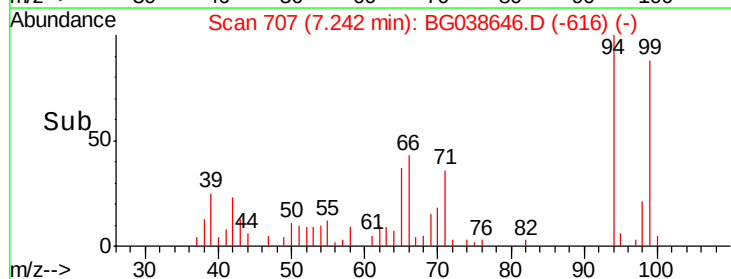
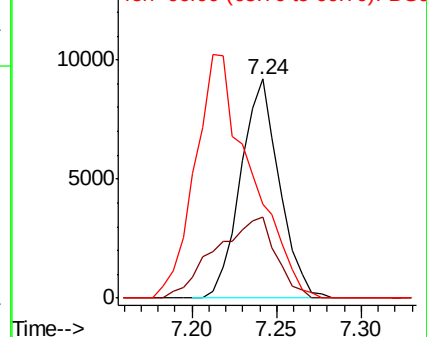


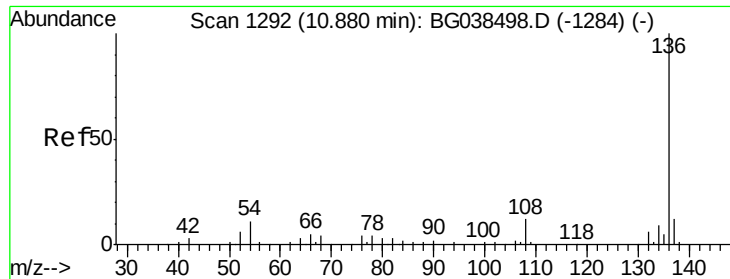
Abundance

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

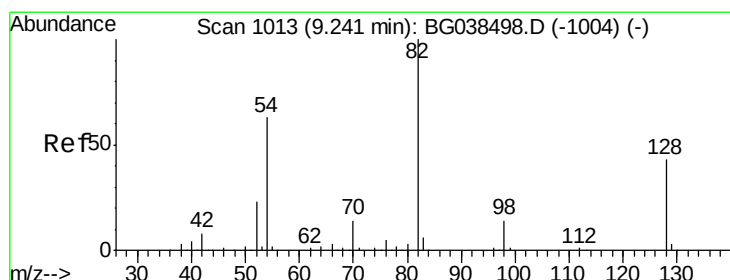
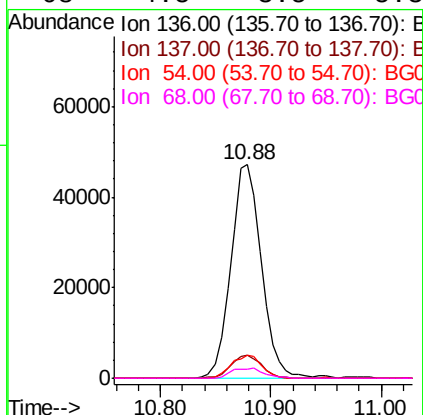
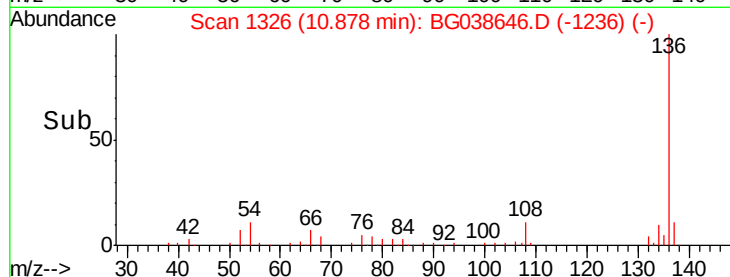
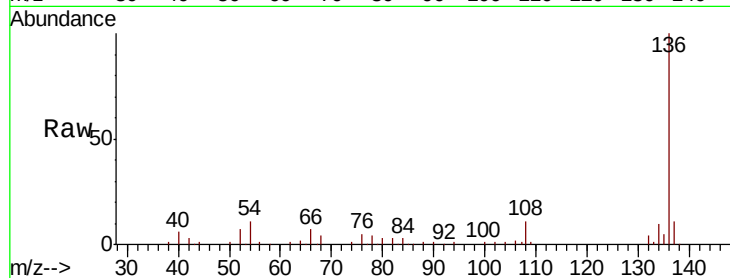




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038646.D
Acq: 16 Dec 2018 18:45

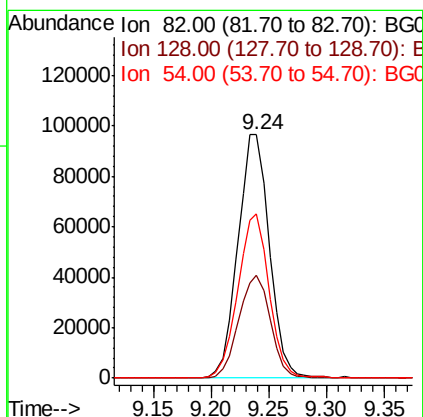
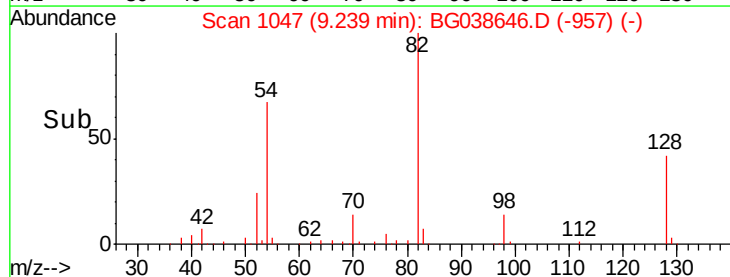
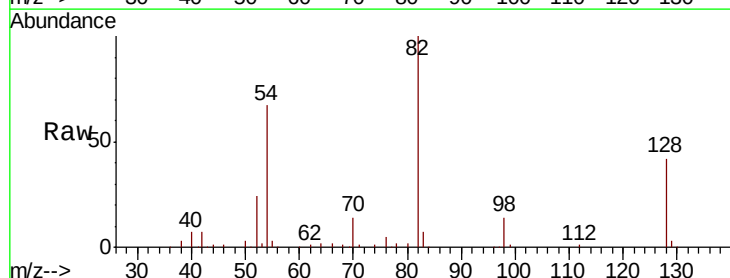
Instrument :
BNA_G
ClientSampleId :
P001-SS015-1824-01

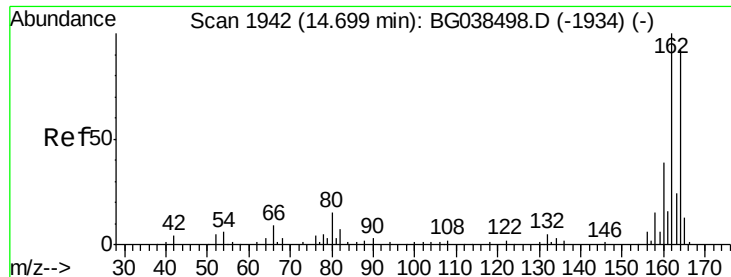
Tot Ion:136	Resp:	91762
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.3 13.9
54	11.0	8.5 12.7
68	4.5	3.5 5.3



#23
Nitrobenzene-d5
Concen: 101.998 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG038646.D
Acq: 16 Dec 2018 18:45

Tgt Ion: 82	Resp:	183208
Ion Ratio	Lower	Upper
82	100	
128	42.1	34.6 52.0
54	67.3	50.6 76.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG038646.D

Acq: 16 Dec 2018 18:45

Instrument :

BNA_G

ClientSampleId :

P001-SS015-1824-01

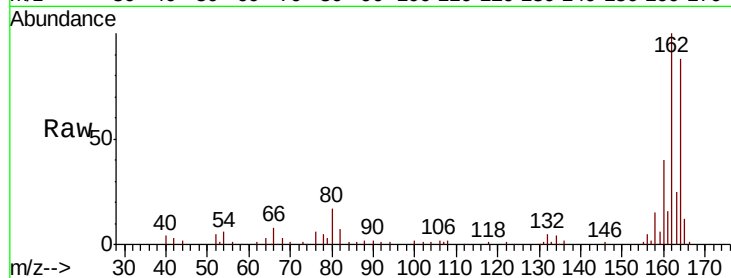
Tot Ion:164 Resp: 60486

Ion Ratio Lower Upper

164 100

162 113.1 86.6 130.0

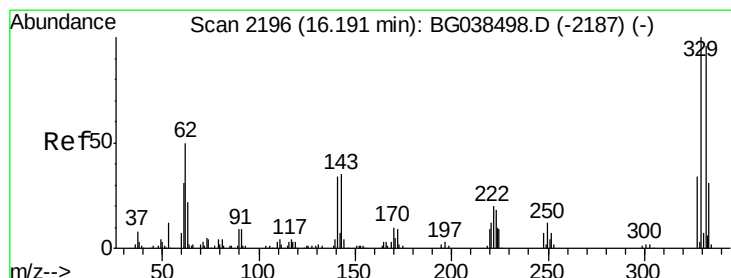
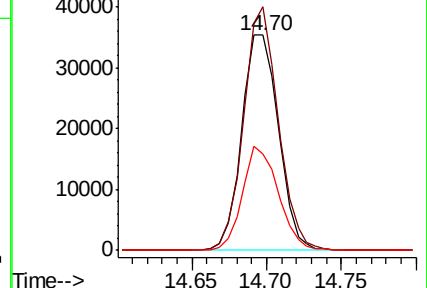
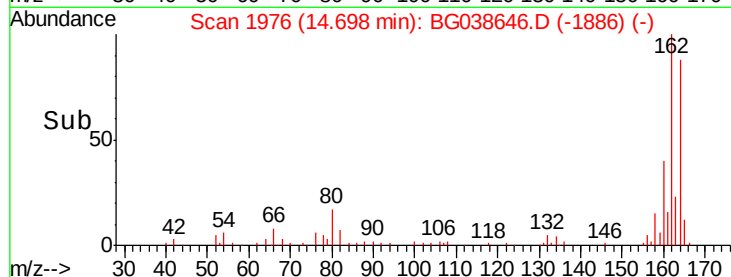
160 44.8 34.2 51.2



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: 146.091 ng

RT: 16.19 min Scan# 2230

Delta R.T. -0.00 min

Lab File: BG038646.D

Acq: 16 Dec 2018 18:45

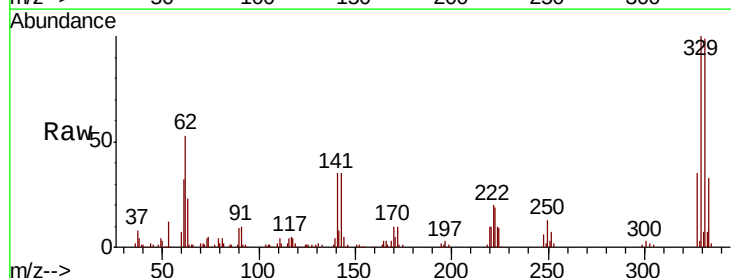
Tgt Ion:330 Resp: 121782

Ion Ratio Lower Upper

330 100

332 95.9 76.9 115.3

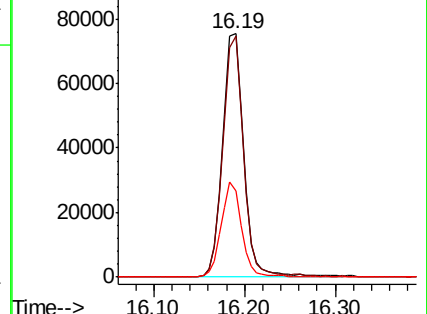
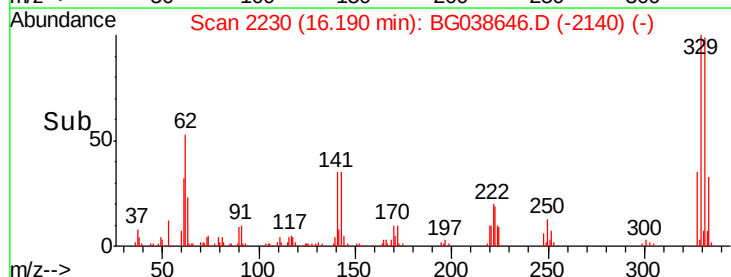
141 37.5 28.8 43.2

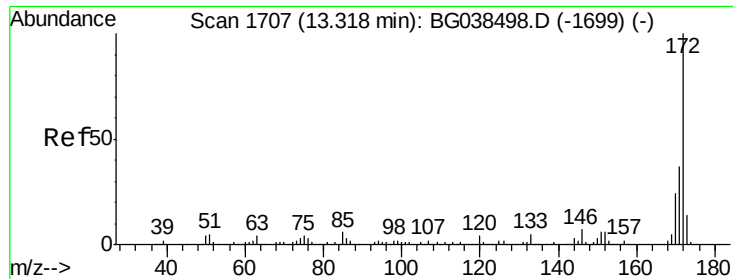


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

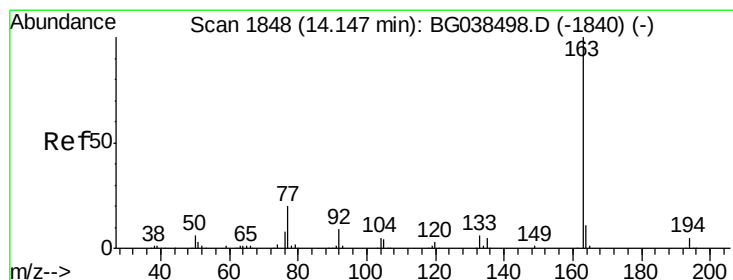
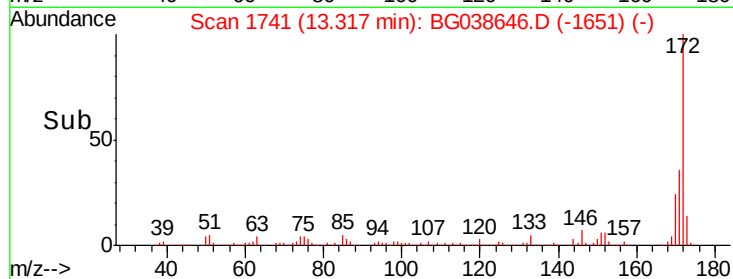
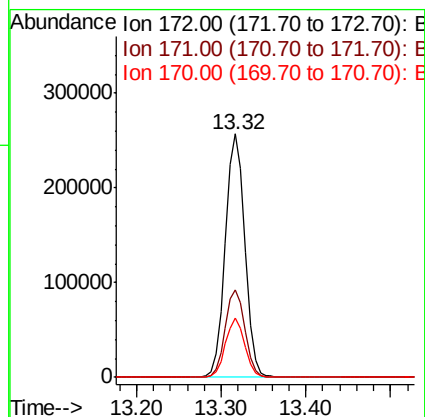
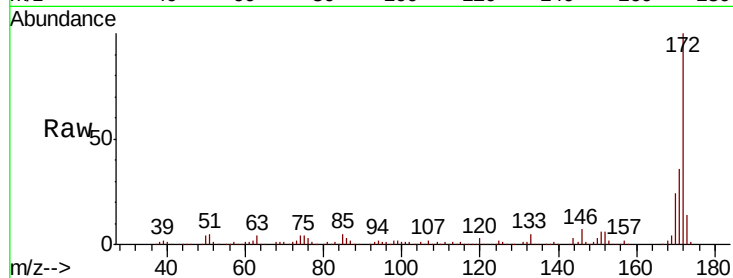




#45
2-Fluorobiphenyl
Concen: 93.188 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.00 min
Lab File: BG038646.D
Acq: 16 Dec 2018 18:45

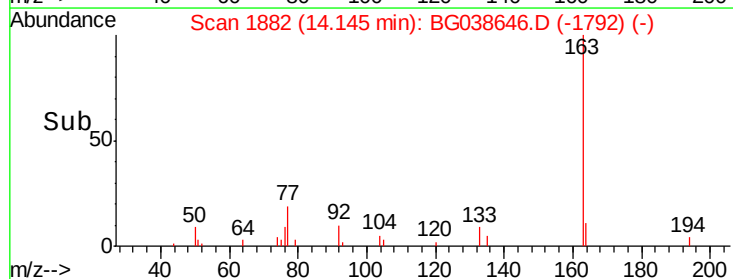
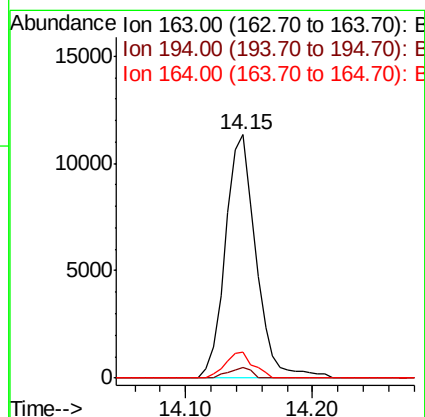
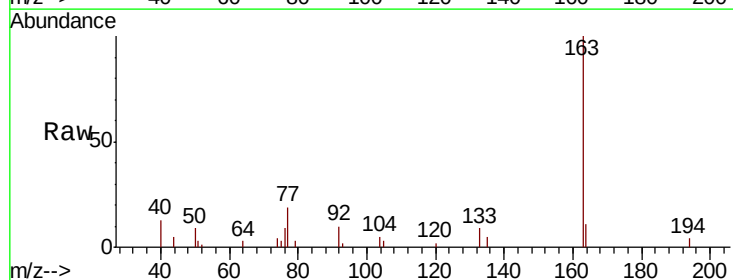
Instrument :
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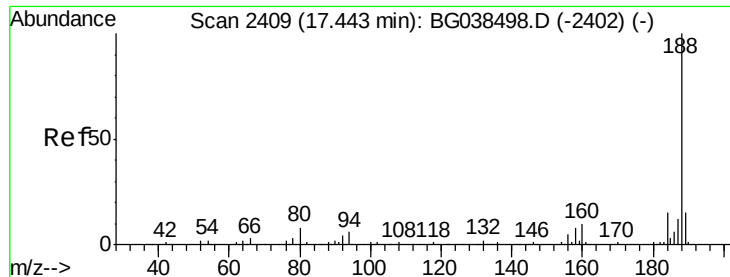
Tot Ion:172 Resp: 410872
Ion Ratio Lower Upper
172 100
171 36.0 29.8 44.6
170 24.1 19.5 29.3



#50
Dimethylphthalate
Concen: 3.828 ng
RT: 14.15 min Scan# 1882
Delta R.T. -0.00 min
Lab File: BG038646.D
Acq: 16 Dec 2018 18:45

Tgt Ion:163 Resp: 18908
Ion Ratio Lower Upper
163 100
194 4.1 3.7 5.5
164 10.6 8.6 12.8

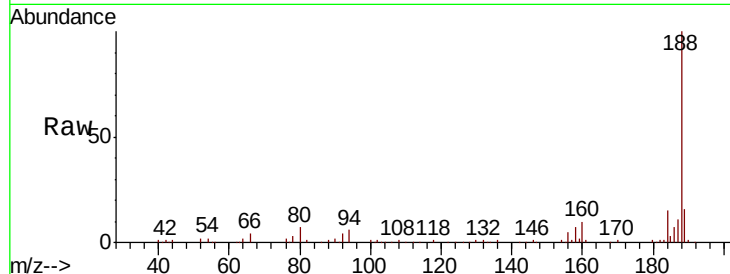




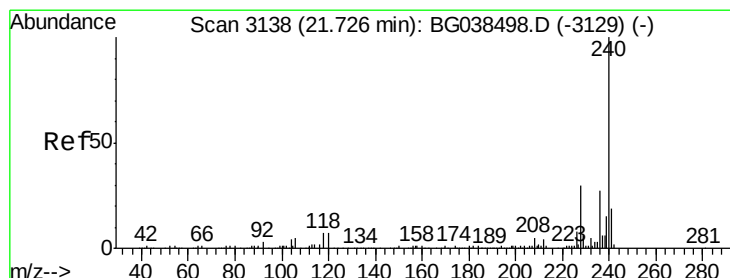
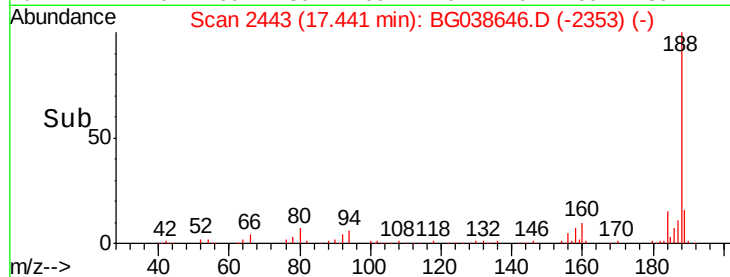
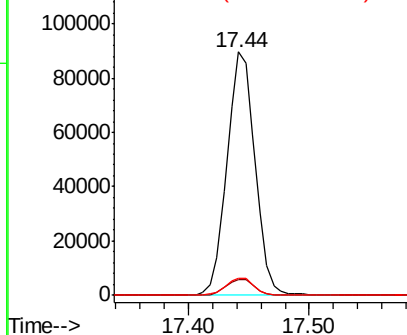
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038646.D
Acq: 16 Dec 2018 18:45

Instrument :
BNA_G
ClientSampleId :
P001-SS015-1824-01

Tot Ion:188 Resp: 144578
Ion Ratio Lower Upper
188 100
94 6.3 5.1 7.7
80 7.2 6.1 9.1

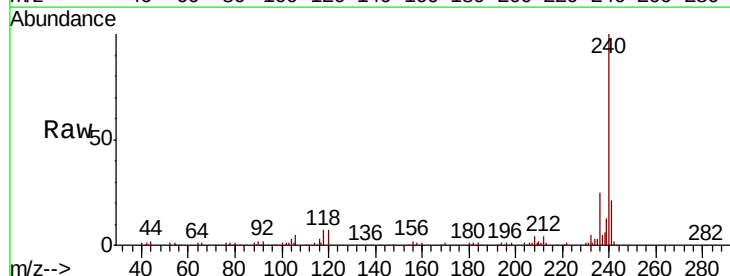


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

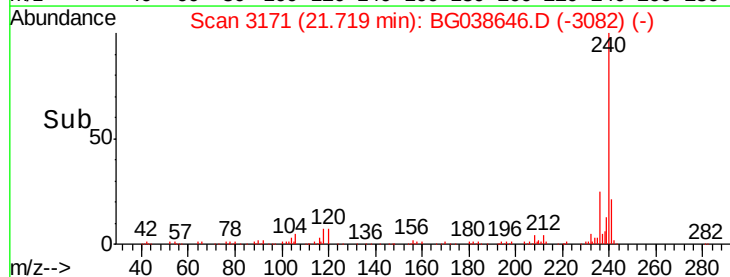
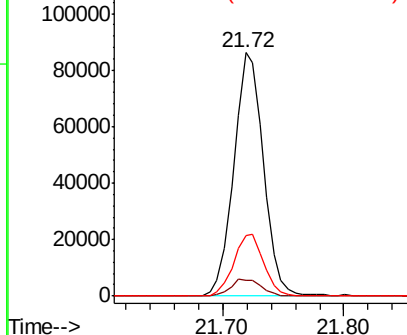


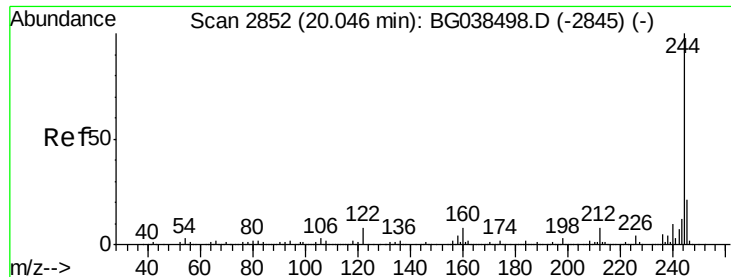
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG038646.D
Acq: 16 Dec 2018 18:45

Tgt Ion:240 Resp: 147419
Ion Ratio Lower Upper
240 100
120 6.6 5.3 7.9
236 25.0 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: 96.728 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038646.D

Acq: 16 Dec 2018 18:45

Instrument :

BNA_G

ClientSampleId :

P001-SS015-1824-01

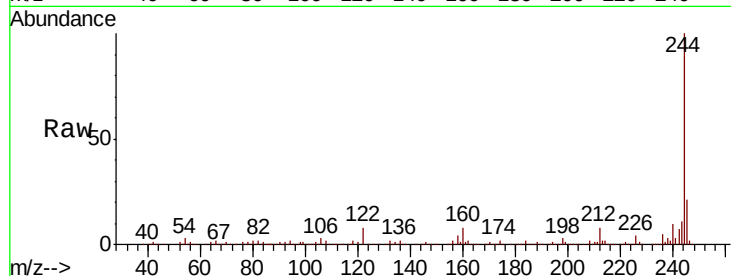
Tot Ion:244 Resp: 655212

Ion Ratio Lower Upper

244 100

212 8.5 6.2 9.2

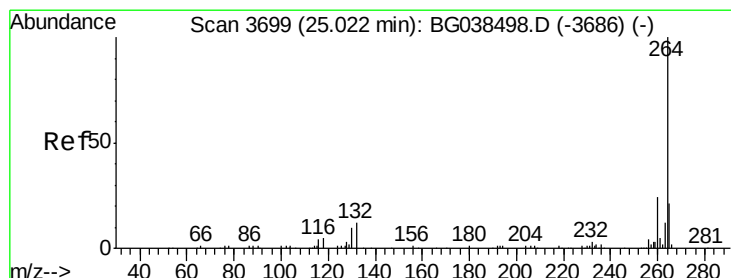
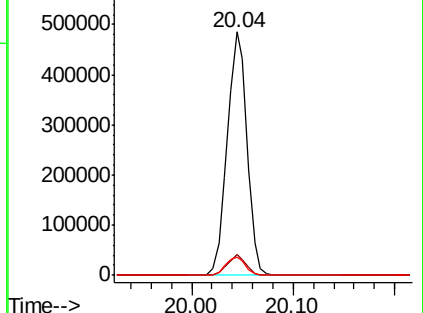
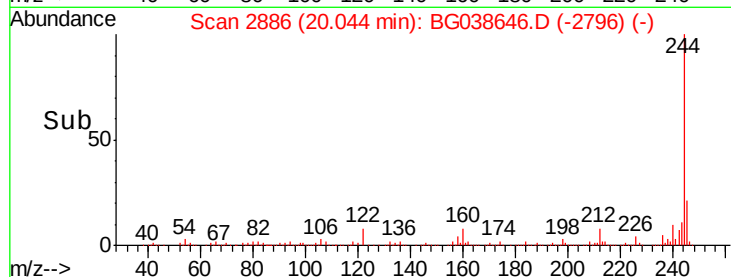
122 7.7 6.3 9.5



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# 3732

Delta R.T. -0.01 min

Lab File: BG038646.D

Acq: 16 Dec 2018 18:45

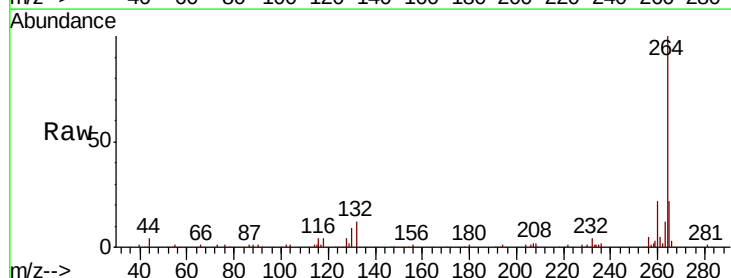
Tgt Ion:264 Resp: 155968

Ion Ratio Lower Upper

264 100

260 22.2 18.9 28.3

265 21.6 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

