

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121218\
 Data File : BG038515.D
 Acq On : 13 Dec 2018 1:59
 Operator : JU/SJ
 Sample : J6331-25
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-5

Quant Time: Dec 13 06:39:54 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

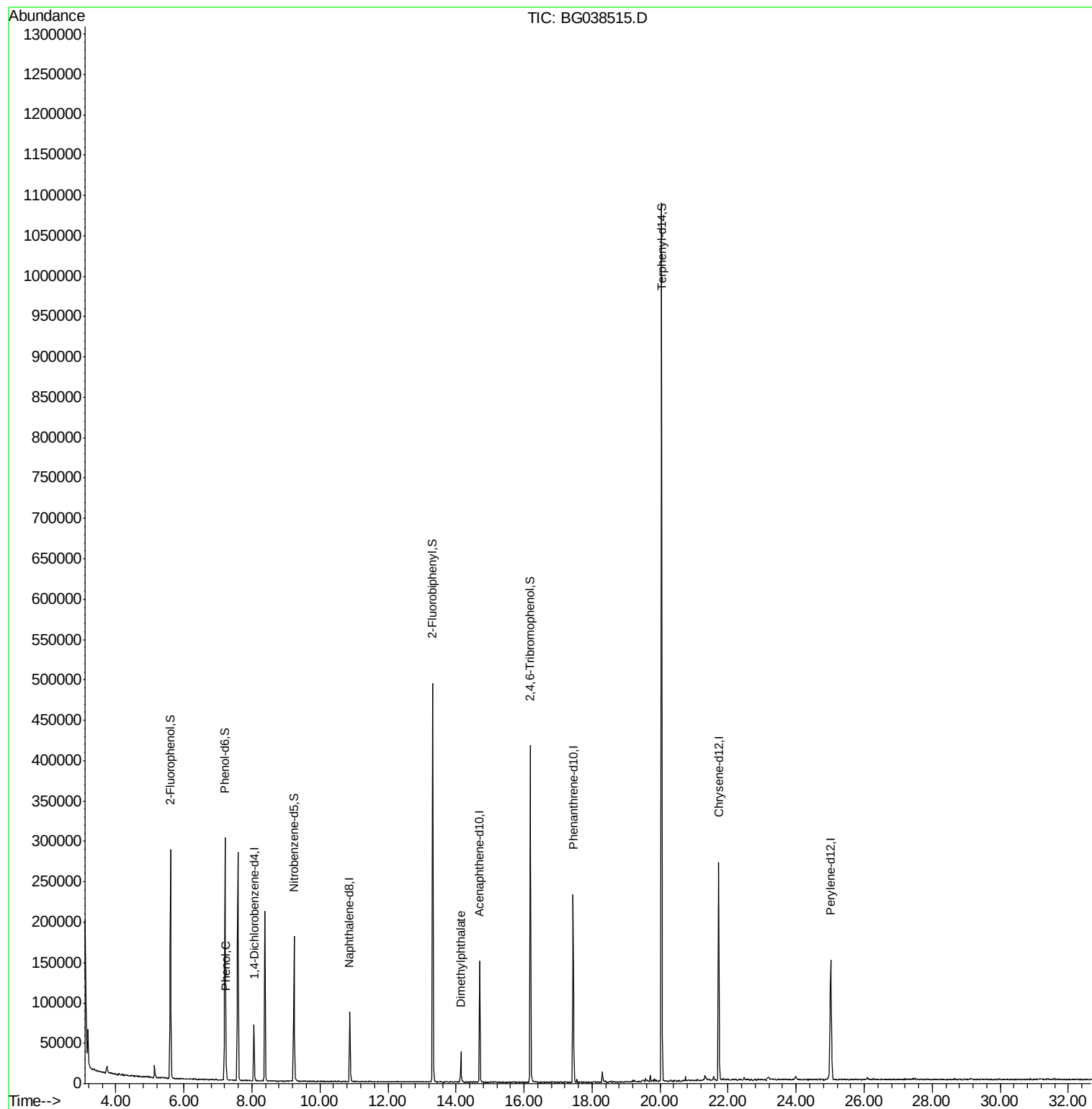
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	19341	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	78770	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	53384	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	152243	20.00	ng	0.00
76) Chrysene-d12	21.72	240	169249	20.00	ng	0.00
87) Perylene-d12	25.02	264	179465	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	122777	112.59	ng	0.00
7) Phenol-d6	7.21	99	166816	111.43	ng	0.00
23) Nitrobenzene-d5	9.24	82	110058	71.38	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	82620	112.30	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	266818	68.57	ng	0.00
79) Terphenyl-d14	20.04	244	570735	73.39	ng	0.00
Target Compounds						
10) Phenol	7.24	94	8411	5.289	ng	92
50) Dimethylphthalate	14.14	163	29152	6.687	ng	99

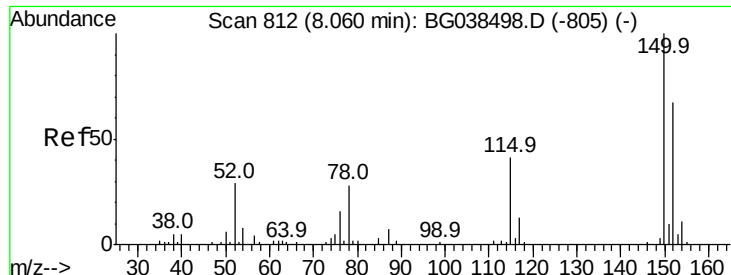
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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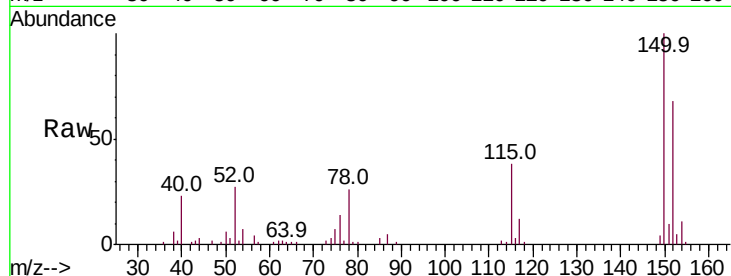


#1

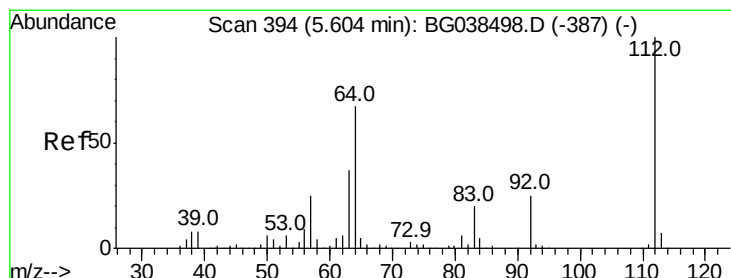
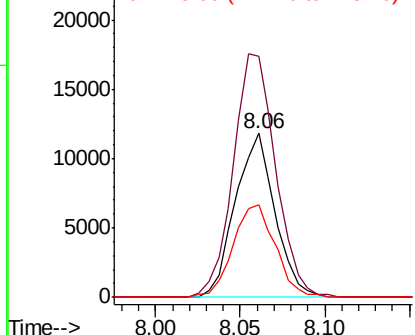
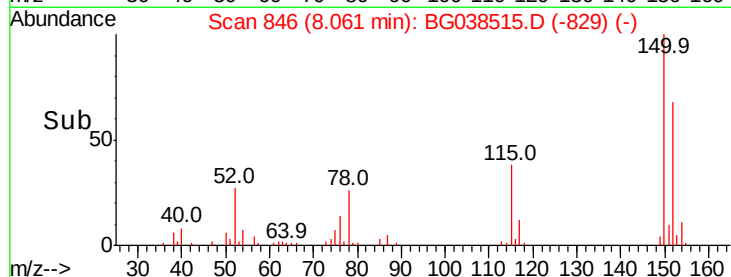
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. 0.00 min
Lab File: BG038515.D
Acq: 13 Dec 2018 1:59

Instrument :
BNA_G
ClientSampleId :
TP-5

Tot Ion:152 Resp: 19341
Ion Ratio Lower Upper
152 100
150 147.1 119.5 179.3
115 56.6 49.6 74.4



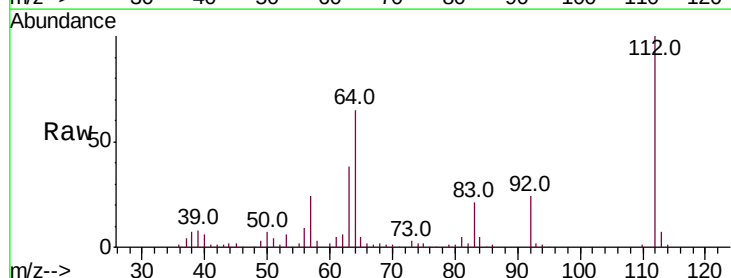
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



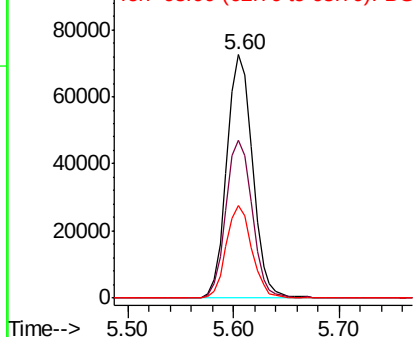
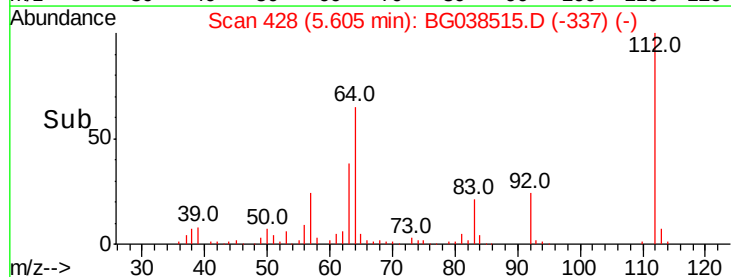
#5

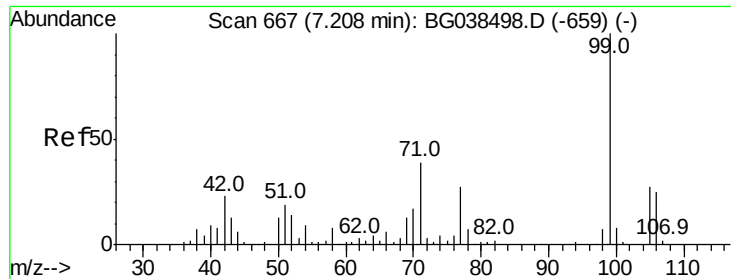
2-Fluorophenol
Concen: 112.592 ng
RT: 5.60 min Scan# 428
Delta R.T. 0.00 min
Lab File: BG038515.D
Acq: 13 Dec 2018 1:59

Tgt Ion:112 Resp: 122777
Ion Ratio Lower Upper
112 100
64 64.8 53.4 80.2
63 37.8 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: 111.434 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG038515.D

Acq: 13 Dec 2018 1:59

Instrument :

BNA_G

ClientSampleId :

TP-5

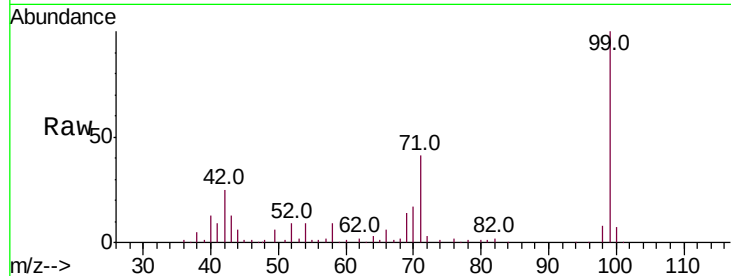
Tot Ion: 99 Resp: 166816

Ion Ratio Lower Upper

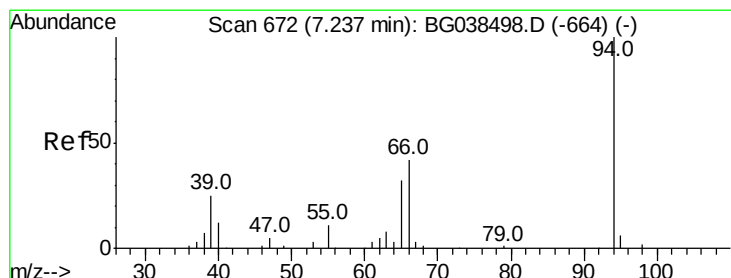
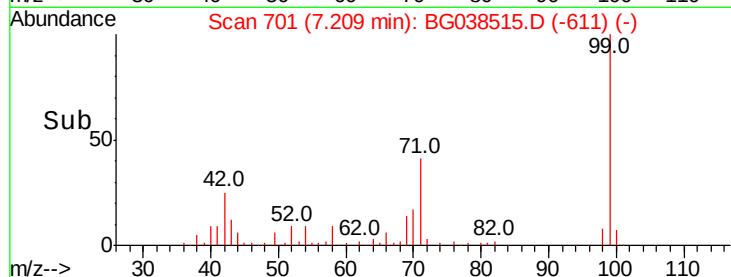
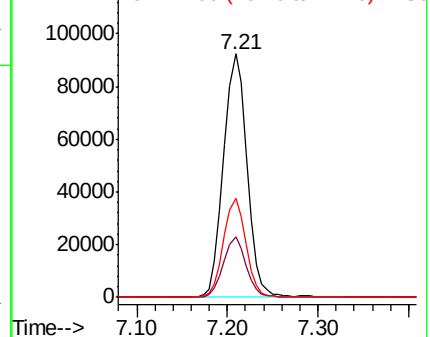
99 100

42 24.9 18.5 27.7

71 40.5 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: 5.289 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG038515.D

Acq: 13 Dec 2018 1:59

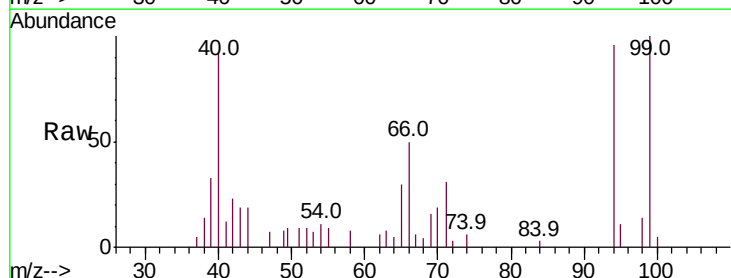
Tgt Ion: 94 Resp: 8411

Ion Ratio Lower Upper

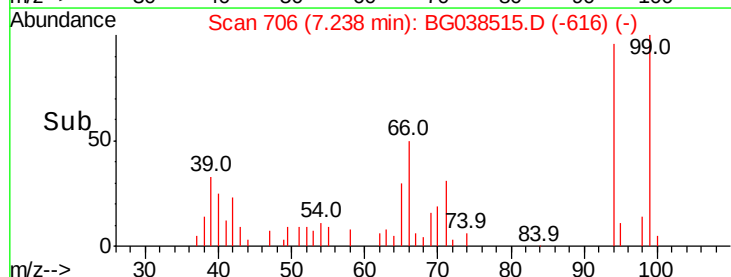
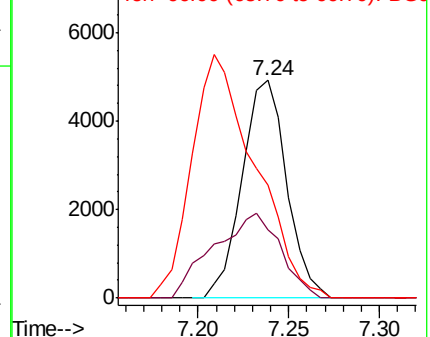
94 100

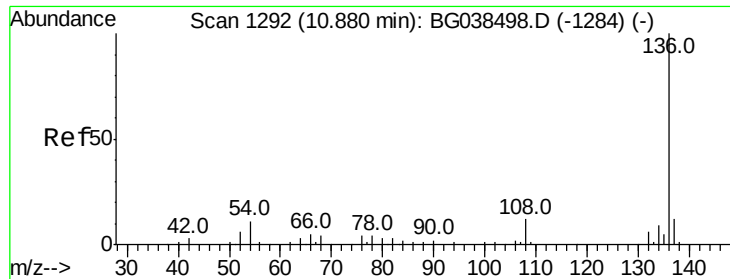
65 31.3 12.6 52.6

66 51.7 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

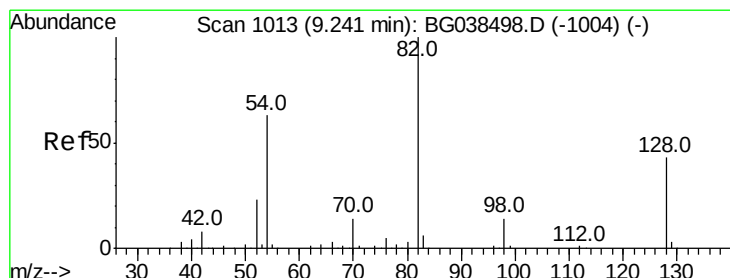
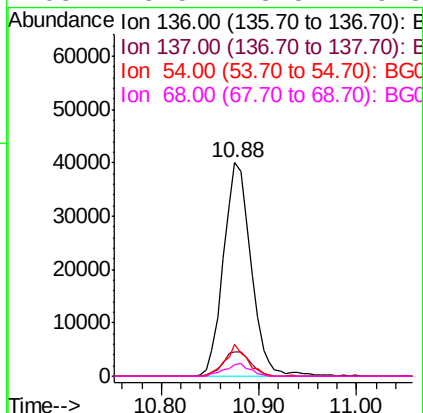
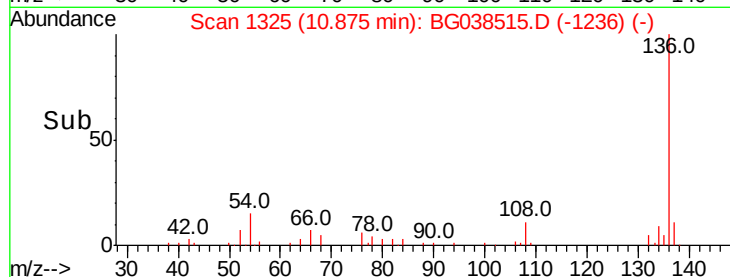
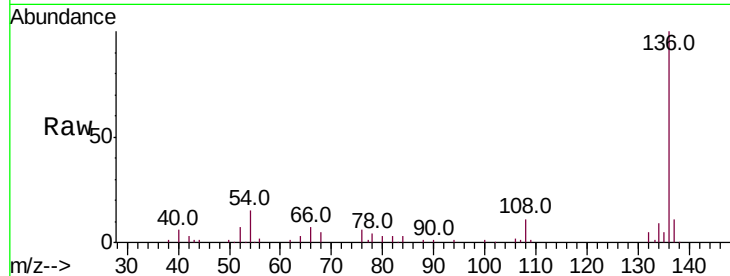




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BG038515.D
Acq: 13 Dec 2018 1:59

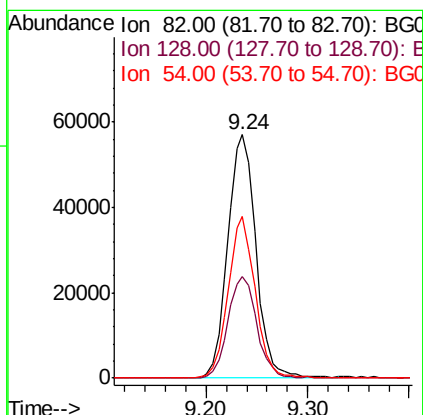
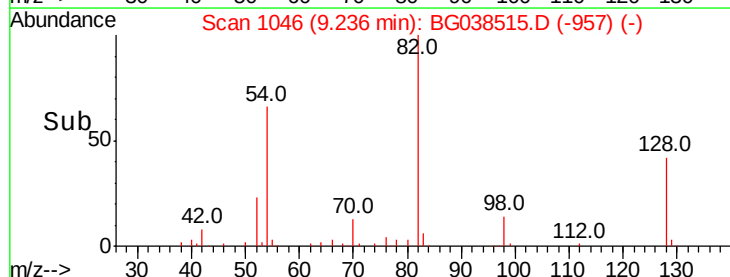
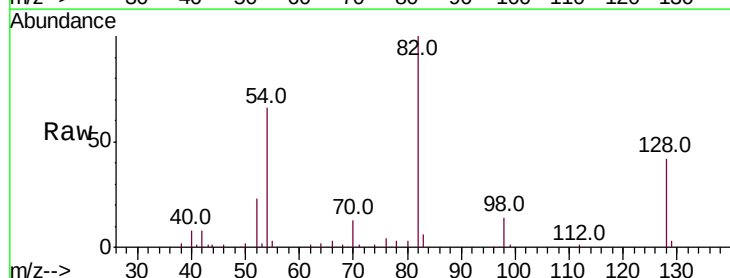
Instrument :
BNA_G
ClientSampleId :
TP-5

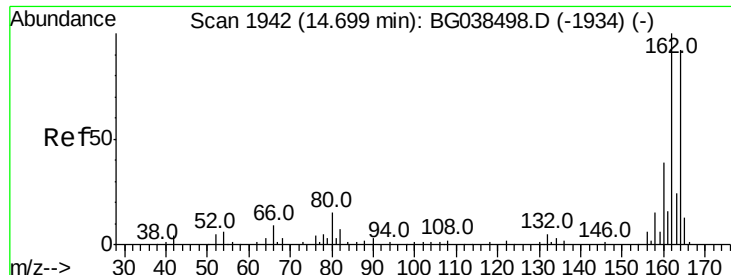
Tot Ion:136	Resp:	78770
Ion Ratio	Lower	Upper
136	100	
137	11.3	9.3 13.9
54	14.8	8.5 12.7#
68	5.5	3.5 5.3#



#23
Nitrobenzene-d5
Concen: 71.379 ng
RT: 9.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BG038515.D
Acq: 13 Dec 2018 1:59

Tgt Ion: 82	Resp:	110058
Ion Ratio	Lower	Upper
82	100	
128	41.8	34.6 52.0
54	66.4	50.6 76.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BG038515.D

Acq: 13 Dec 2018 1:59

Instrument :

BNA_G

ClientSampleId :

TP-5

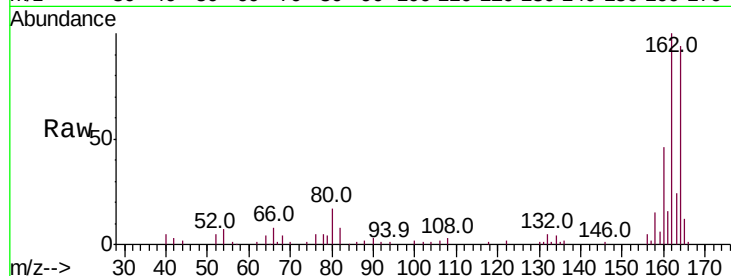
Tot Ion:164 Resp: 53384

Ion Ratio Lower Upper

164 100

162 105.9 86.6 130.0

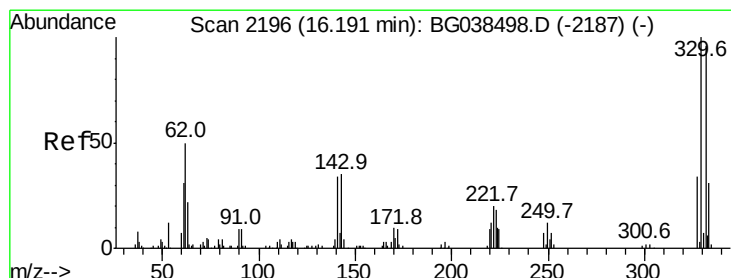
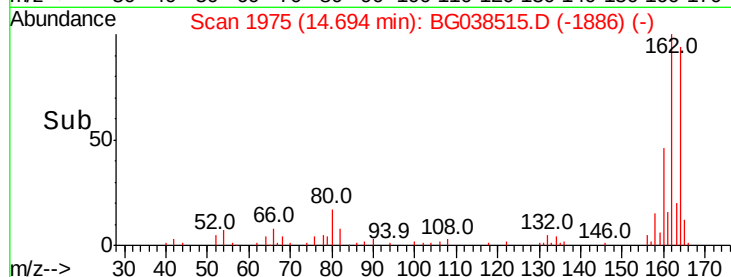
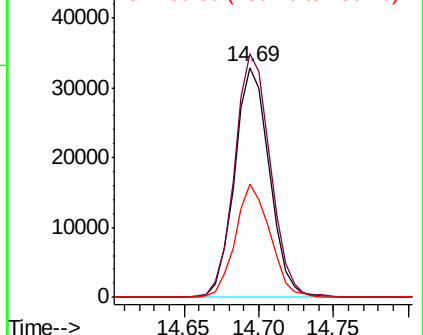
160 49.1 34.2 51.2



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: 112.297 ng

RT: 16.19 min Scan# 2229

Delta R.T. -0.00 min

Lab File: BG038515.D

Acq: 13 Dec 2018 1:59

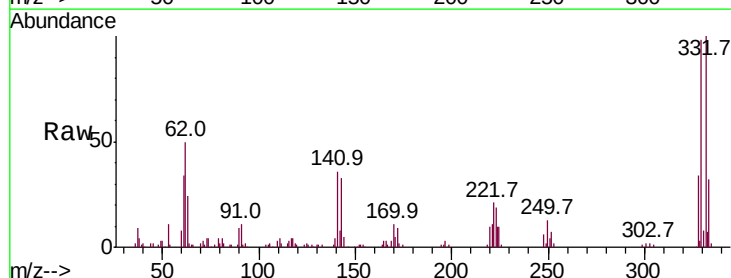
Tgt Ion:330 Resp: 82620

Ion Ratio Lower Upper

330 100

332 97.9 76.9 115.3

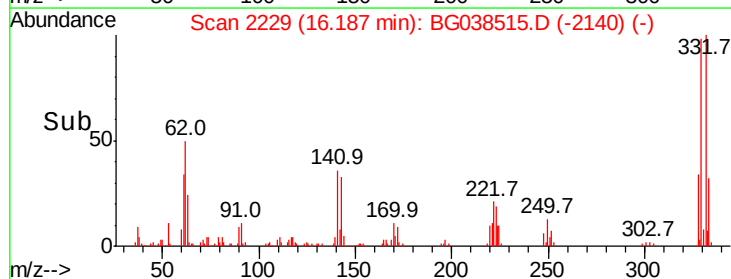
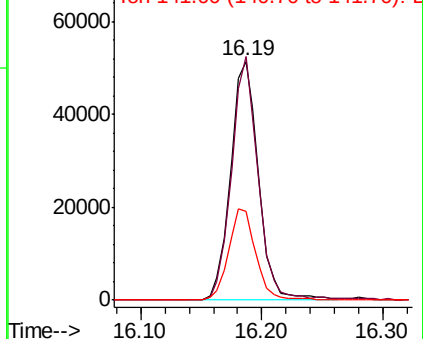
141 37.5 28.8 43.2

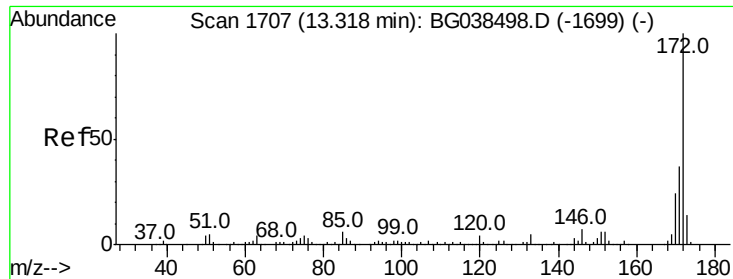


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

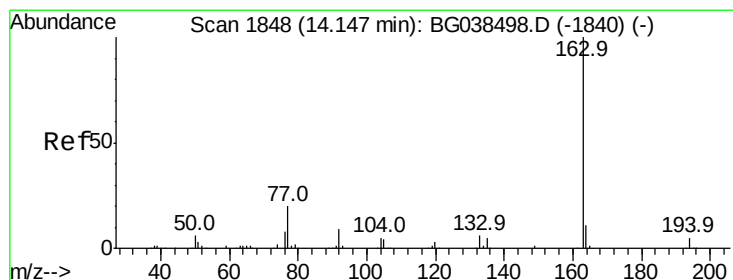
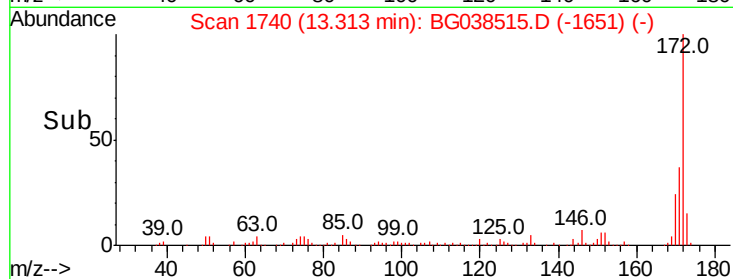
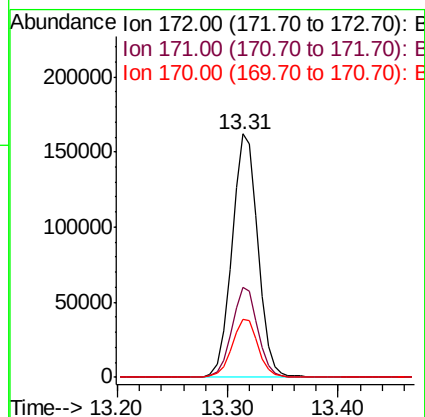
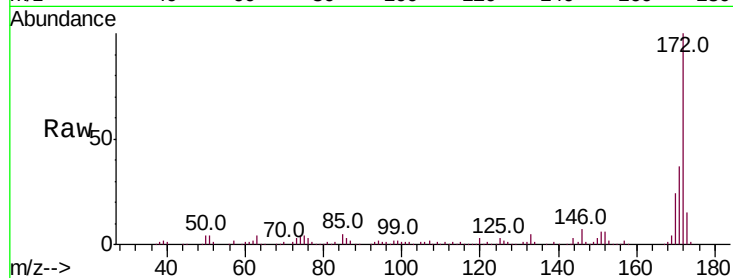




#45
 2-Fluorobiphenyl
 Concen: 68.566 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG038515.D
 Acq: 13 Dec 2018 1:59

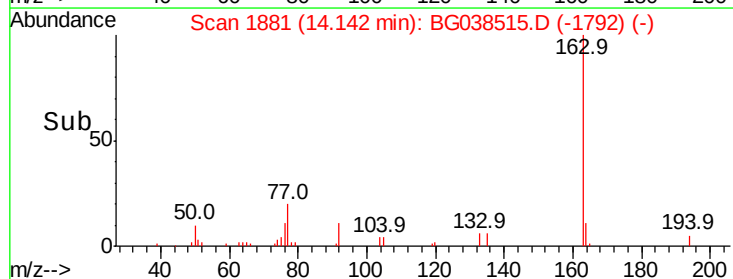
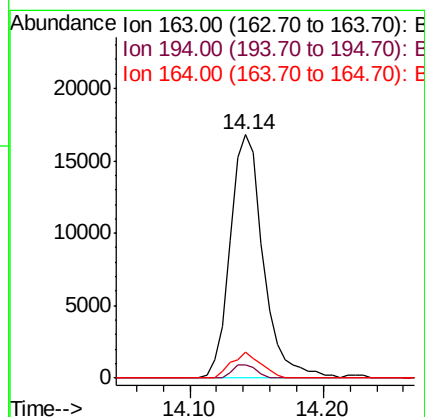
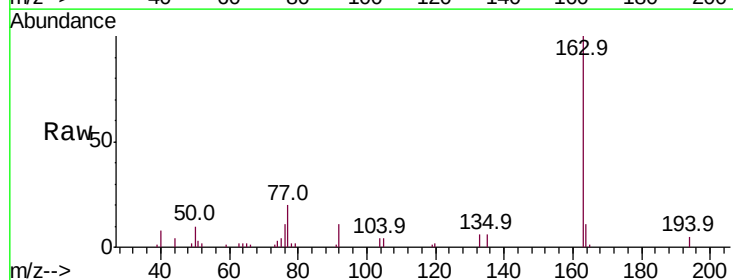
Instrument :
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 ClientSampleId :
 TP-5

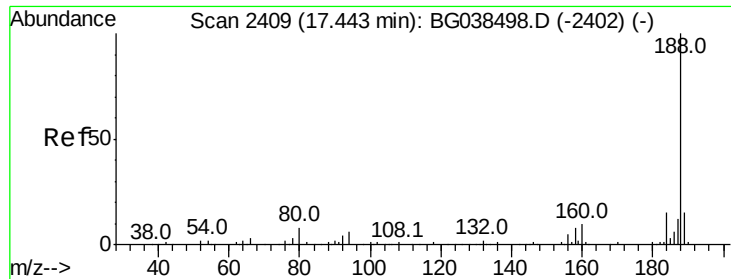
Tot Ion:172 Resp: 266818
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.8 44.6
 170 24.0 19.5 29.3



#50
 Dimethylphthalate
 Concen: 6.687 ng
 RT: 14.14 min Scan# 1881
 Delta R.T. -0.00 min
 Lab File: BG038515.D
 Acq: 13 Dec 2018 1:59

Tgt Ion:163 Resp: 29152
 Ion Ratio Lower Upper
 163 100
 194 5.4 3.7 5.5
 164 10.6 8.6 12.8

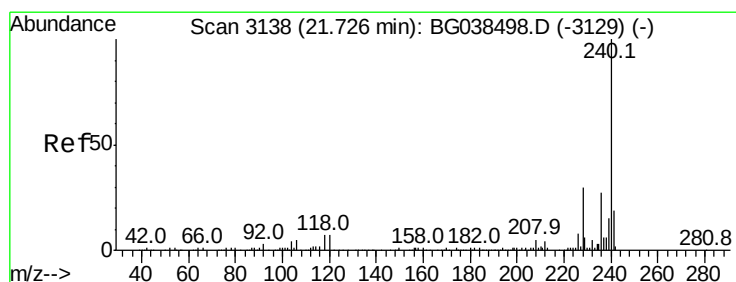
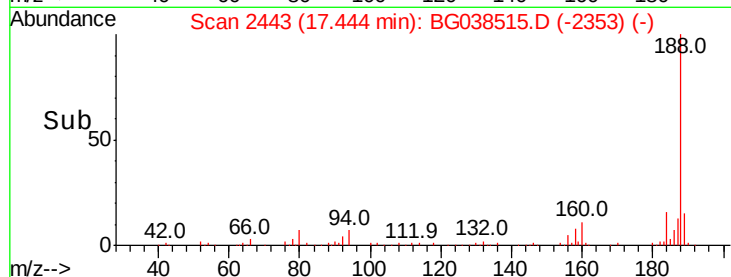
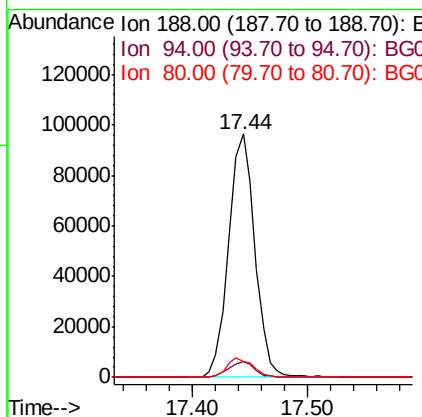
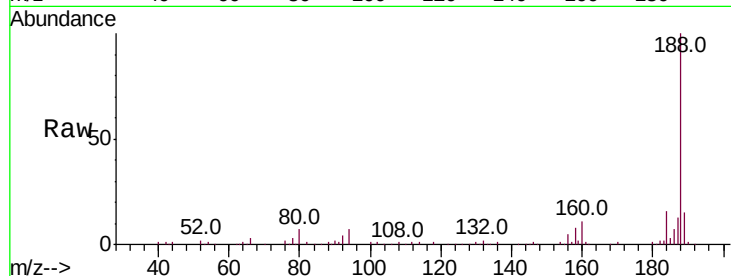




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2443
 Delta R.T. 0.00 min
 Lab File: BG038515.D
 Acq: 13 Dec 2018 1:59

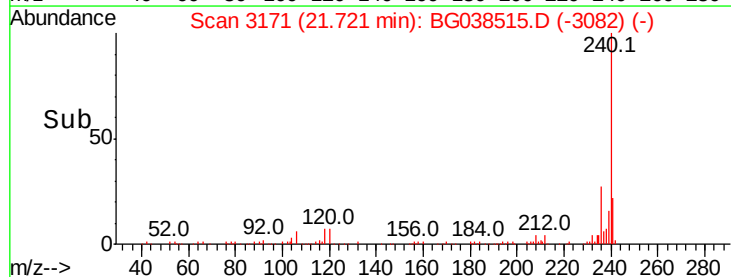
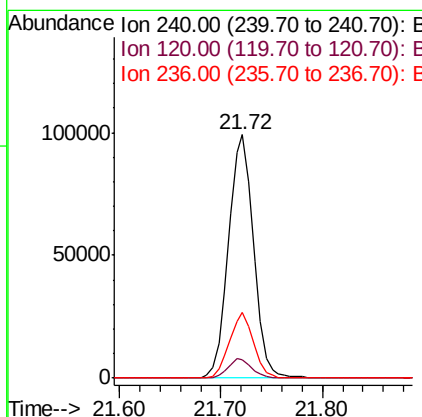
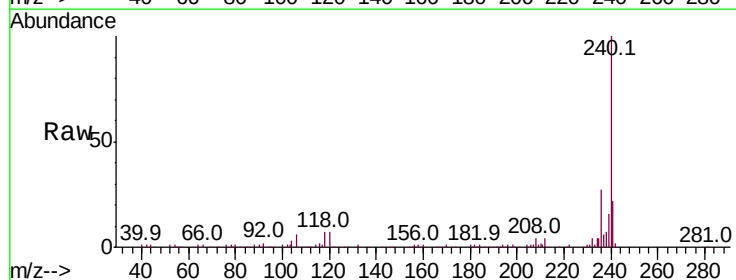
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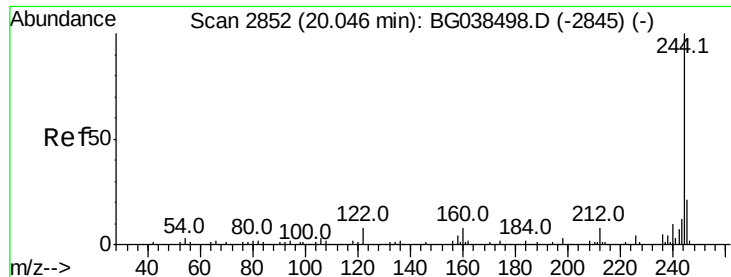
Tot Ion:188 Resp: 152243
 Ion Ratio Lower Upper
 188 100
 94 6.7 5.1 7.7
 80 6.7 6.1 9.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3171
 Delta R.T. -0.00 min
 Lab File: BG038515.D
 Acq: 13 Dec 2018 1:59

Tgt Ion:240 Resp: 169249
 Ion Ratio Lower Upper
 240 100
 120 7.5 5.3 7.9
 236 27.1 21.4 32.2





#79

Terphenyl-d14

Concen: 73.389 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.00 min

Lab File: BG038515.D

Acq: 13 Dec 2018 1:59

Instrument :

BNA_G

ClientSampleId :

TP-5

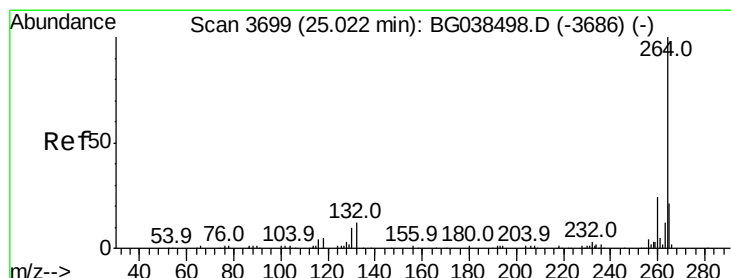
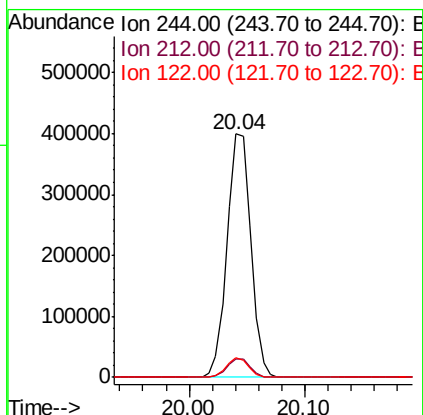
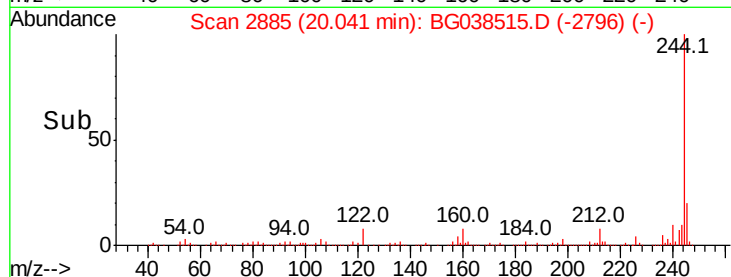
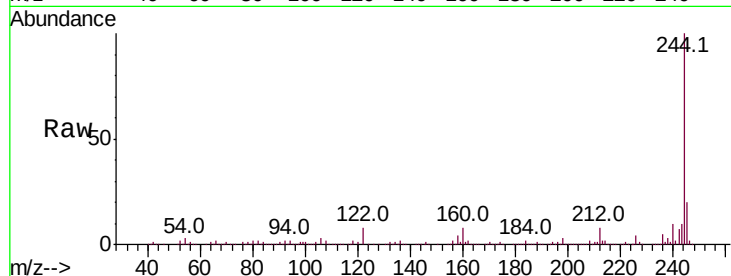
Tot Ion:244 Resp: 570735

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

122 7.9 6.3 9.5



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.02 min Scan# 3732

Delta R.T. -0.00 min

Lab File: BG038515.D

Acq: 13 Dec 2018 1:59

Tgt Ion:264 Resp: 179465

Ion Ratio Lower Upper

264 100

260 23.3 18.9 28.3

265 20.0 17.0 25.4

