

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021418\
 Data File : BG032684.D
 Acq On : 14 Feb 2018 17:00
 Operator : SJ/JU
 Sample : J1539-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 4-15-TRENCH-1-NW@5

Quant Time: Feb 15 03:47:24 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 12 18:08:01 2018
 Response via : Initial Calibration

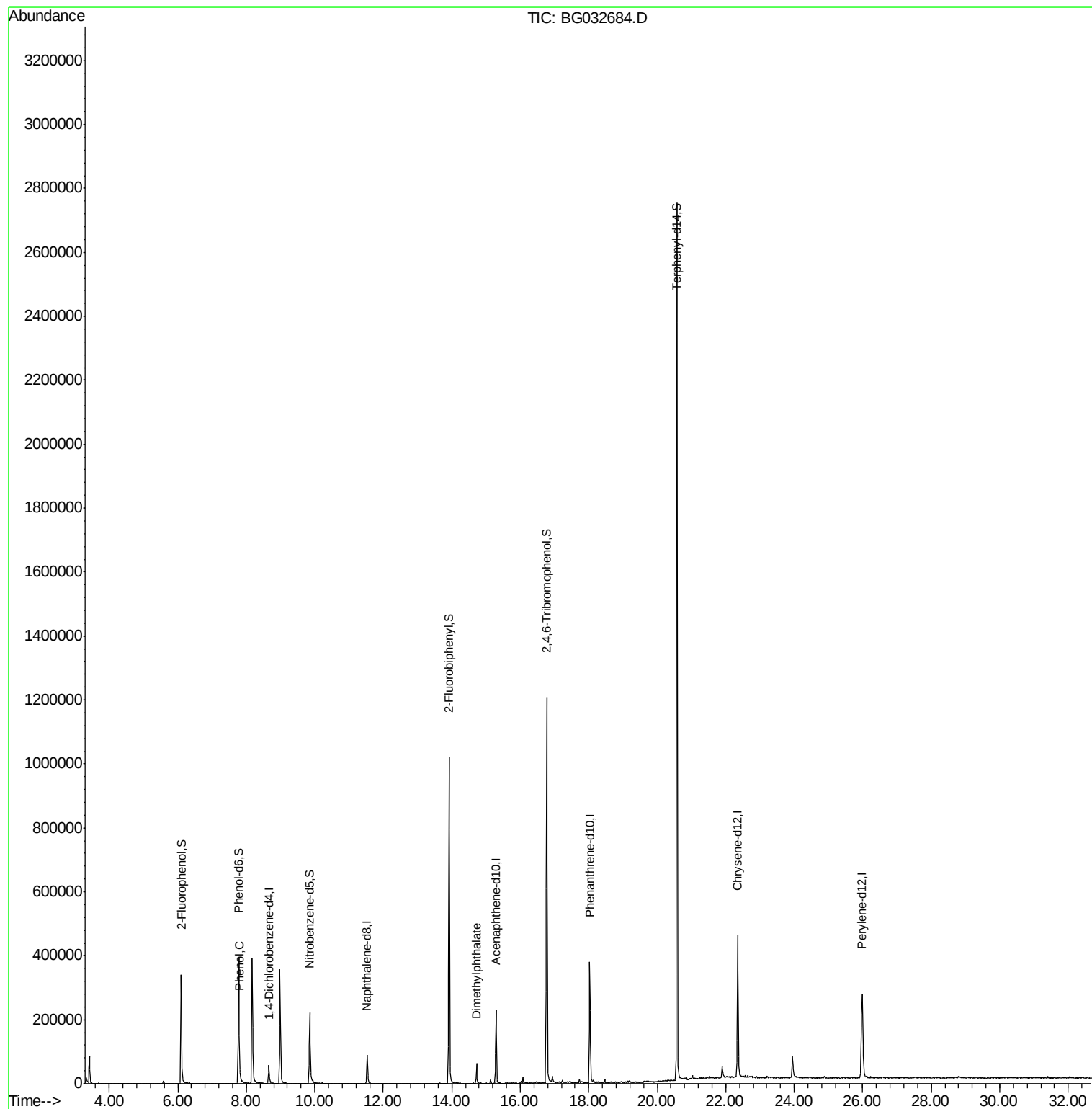
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.65	152	22393	20.00	ng	-0.02
21) Naphthalene-d8	11.53	136	101463	20.00	ng	-0.02
38) Acenaphthene-d10	15.29	164	88630	20.00	ng	-0.02
63) Phenanthrene-d10	18.03	188	272361	20.00	ng	-0.02
75) Chrysene-d12	22.35	240	357987	20.00	ng	-0.02
86) Perylene-d12	25.99	264	369716	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	6.10	112	182270	163.31	ng	-0.02
7) Phenol-d6	7.78	99	241740	158.40	ng	-0.02
23) Nitrobenzene-d5	9.85	82	161211	100.98	ng	-0.02
41) 2,4,6-Tribromophenol	16.77	330	266564	195.33	ng	-0.02
44) 2-Fluorobiphenyl	13.92	172	628957	88.74	ng	-0.01
78) Terphenyl-d14	20.57	244	1464752	93.26	ng	-0.01
Target Compounds						
10) Phenol	7.80	94	9953	6.706	ng	# 58
49) Dimethylphthalate	14.72	163	43692	5.703	ng	# 94

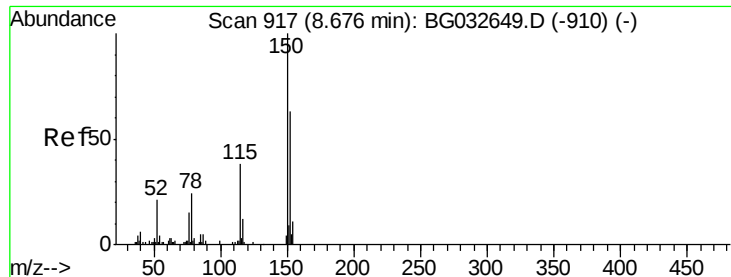
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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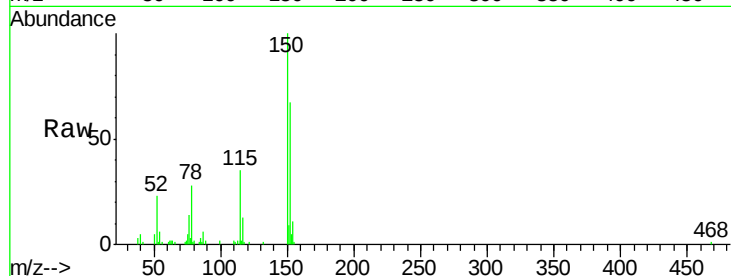


#1

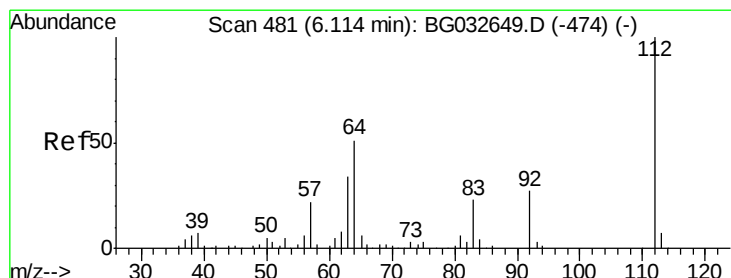
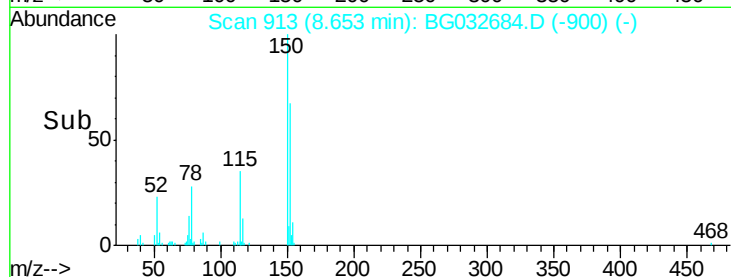
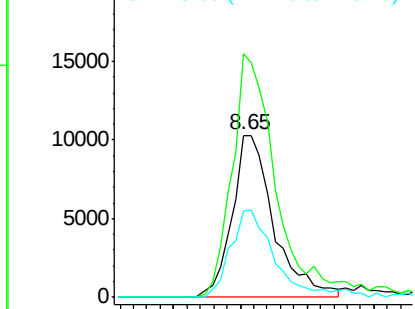
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.65 min Scan# 913
Delta R.T. -0.02 min
Lab File: BG032684.D
Acq: 14 Feb 2018 17:00

Instrument :
BNA_G
ClientSampleId :
4-15-TRENCH-1-NW@5

Tot Ion:152 Resp: 22393
Ion Ratio Lower Upper
152 100
150 150.3 126.6 189.8
115 53.3 53.0 79.4



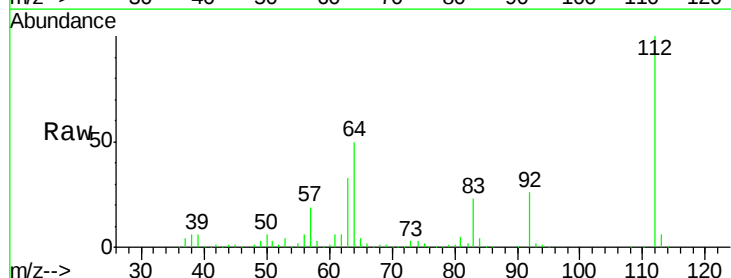
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



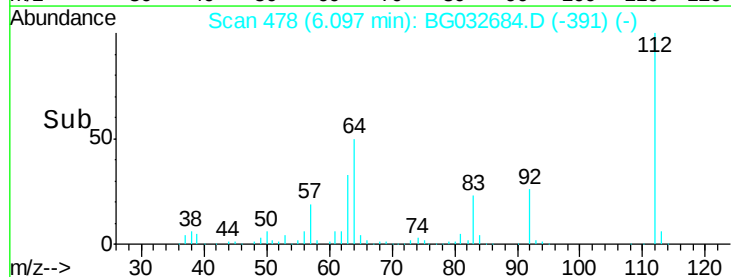
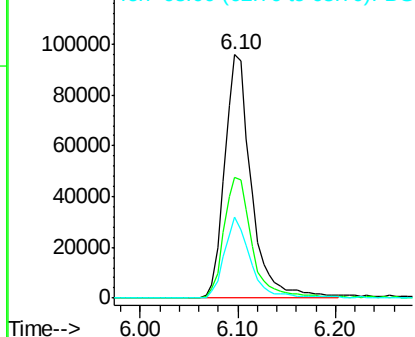
#5

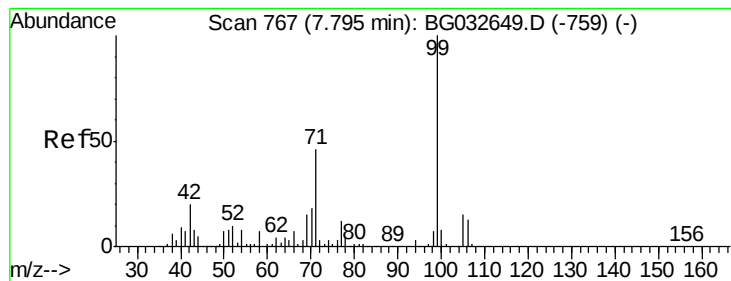
2-Fluorophenol
Concen: 163.309 ng
RT: 6.10 min Scan# 478
Delta R.T. -0.02 min
Lab File: BG032684.D
Acq: 14 Feb 2018 17:00

Tgt Ion:112 Resp: 182270
Ion Ratio Lower Upper
112 100
64 49.7 56.3 84.5#
63 33.4 30.1 45.1



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: 158.398 ng

RT: 7.78 min Scan# 764

Delta R.T. -0.02 min

Lab File: BG032684.D

Acq: 14 Feb 2018 17:00

Instrument :

BNA_G

ClientSampleId :

4-15-TRENCH-1-NW@5

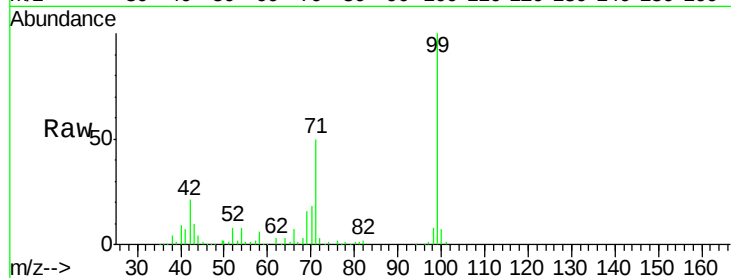
Tot Ion: 99 Resp: 241740

Ion Ratio Lower Upper

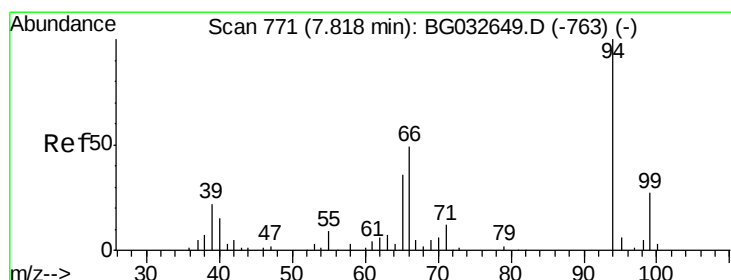
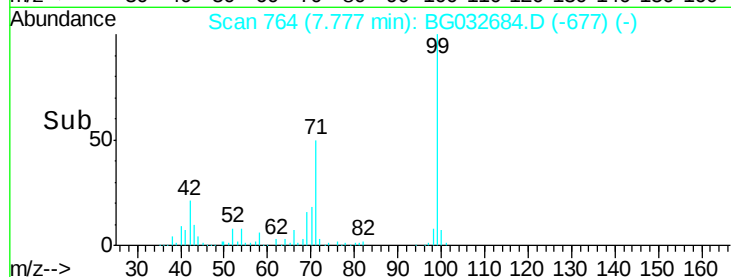
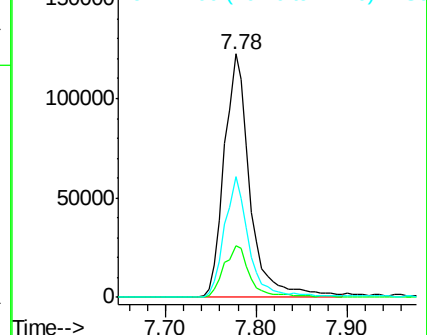
99 100

42 21.4 14.1 21.1#

71 49.7 26.1 39.1#



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: 6.706 ng

RT: 7.80 min Scan# 768

Delta R.T. -0.02 min

Lab File: BG032684.D

Acq: 14 Feb 2018 17:00

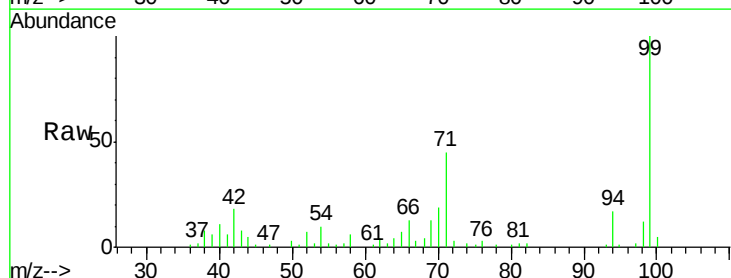
Tgt Ion: 94 Resp: 9953

Ion Ratio Lower Upper

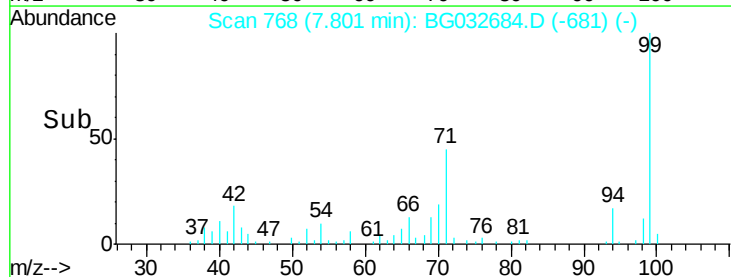
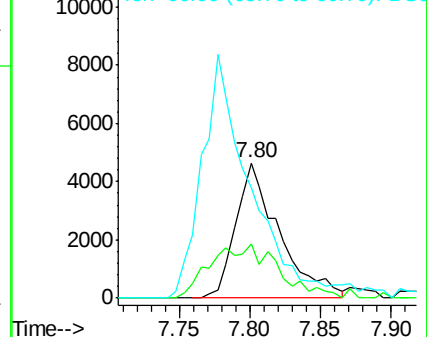
94 100

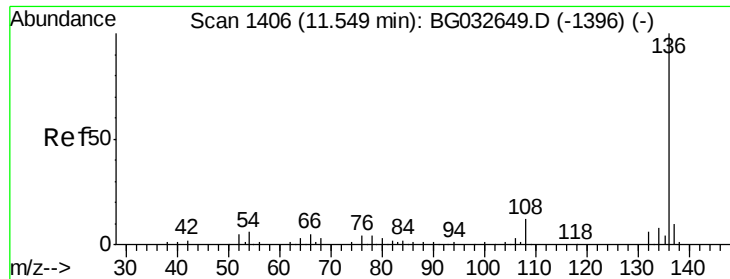
65 40.2 11.9 51.9

66 81.3 22.2 62.2#



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

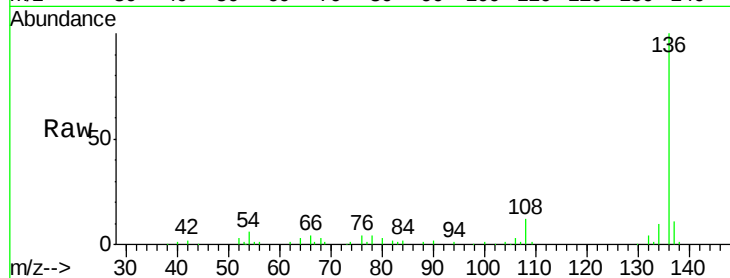




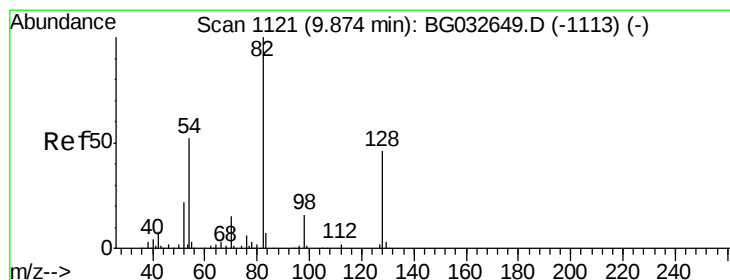
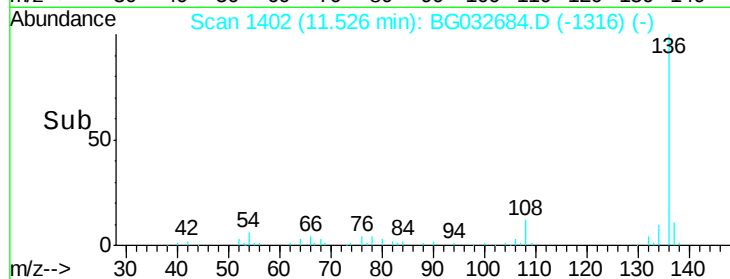
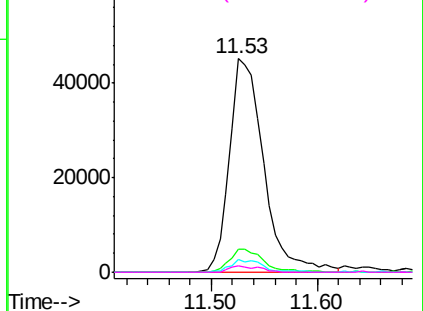
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.53 min Scan# 1402
Delta R.T. -0.02 min
Lab File: BG032684.D
Acq: 14 Feb 2018 17:00

Instrument :
BNA_G
ClientSampleId :
4-15-TRENCH-1-NW@5

Tot Ion:136	Resp:	101463
Ion Ratio	Lower	Upper
136	100	
137	10.7	9.2 13.8
54	5.8	10.3 15.5#
68	3.7	4.5 6.7#

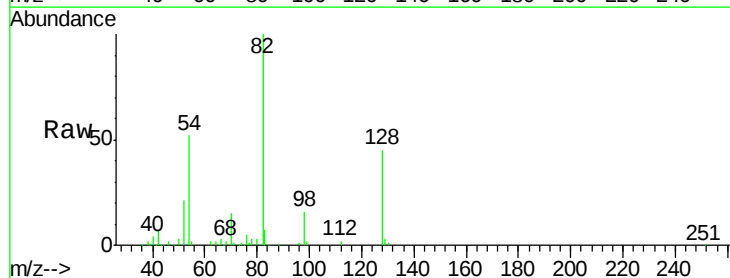


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

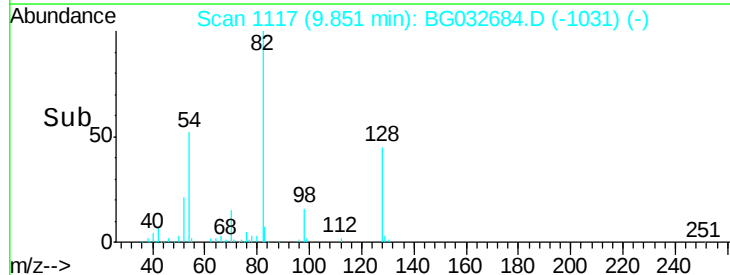
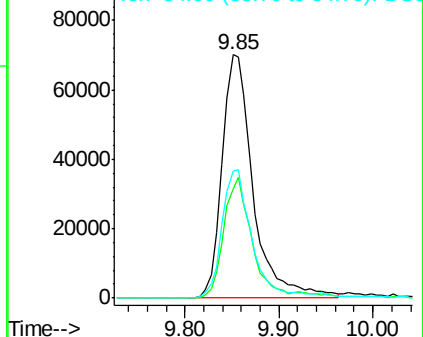


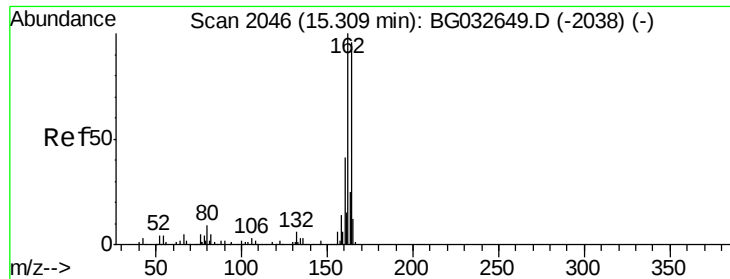
#23
Nitrobenzene-d5
Concen: 100.981 ng
RT: 9.85 min Scan# 1117
Delta R.T. -0.02 min
Lab File: BG032684.D
Acq: 14 Feb 2018 17:00

Tgt Ion: 82	Resp:	161211
Ion Ratio	Lower	Upper
82	100	
128	44.9	29.7 44.5#
54	52.2	43.1 64.7



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.29 min Scan# 2043

Delta R.T. -0.02 min

Lab File: BG032684.D

Acq: 14 Feb 2018 17:00

Instrument :

BNA_G

ClientSampleId :

4-15-TRENCH-1-NW@5

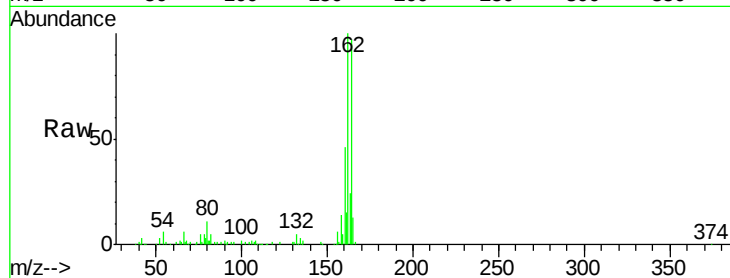
Tot Ion:164 Resp: 88630

Ion Ratio Lower Upper

164 100

162 103.1 78.8 118.2

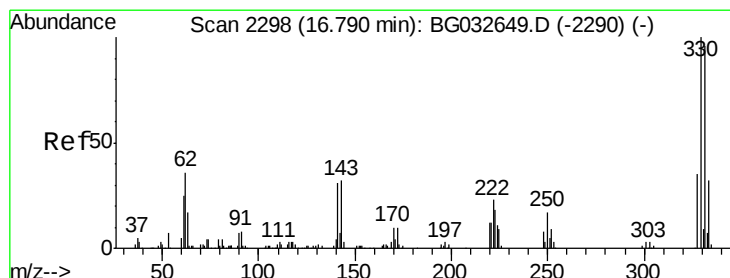
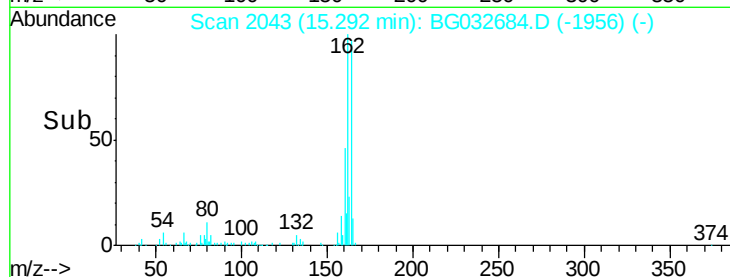
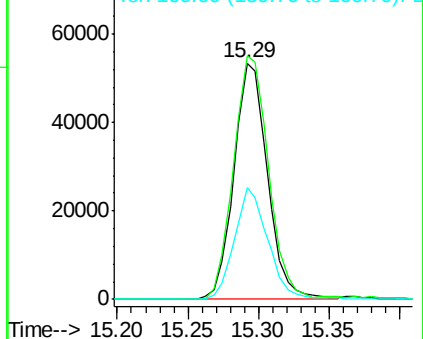
160 47.2 35.4 53.0



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



#41

2,4,6-Tribromophenol

Concen: 195.326 ng

RT: 16.77 min Scan# 2295

Delta R.T. -0.02 min

Lab File: BG032684.D

Acq: 14 Feb 2018 17:00

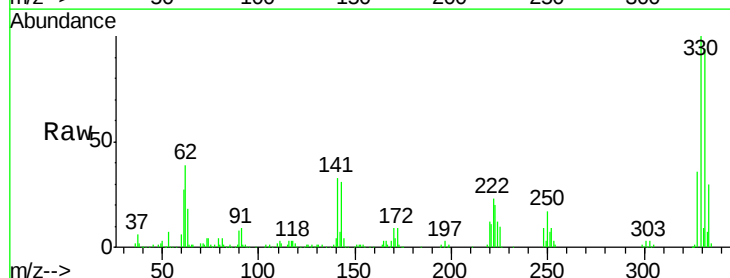
Tgt Ion:330 Resp: 266564

Ion Ratio Lower Upper

330 100

332 97.0 77.0 115.6

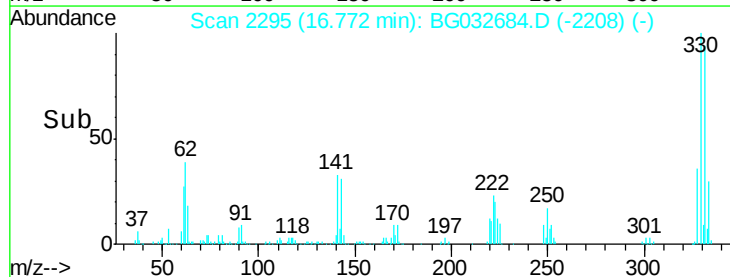
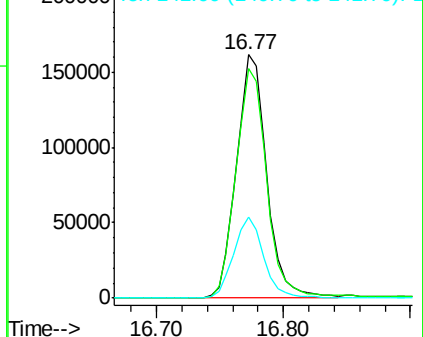
141 32.9 25.2 37.8

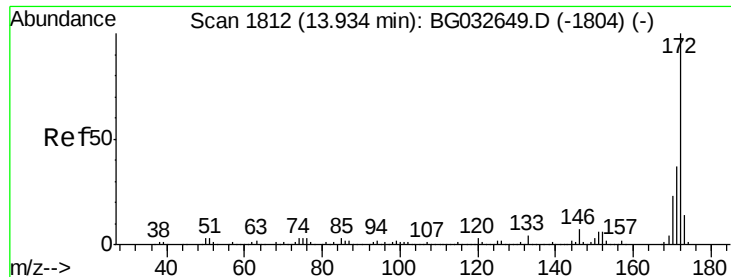


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

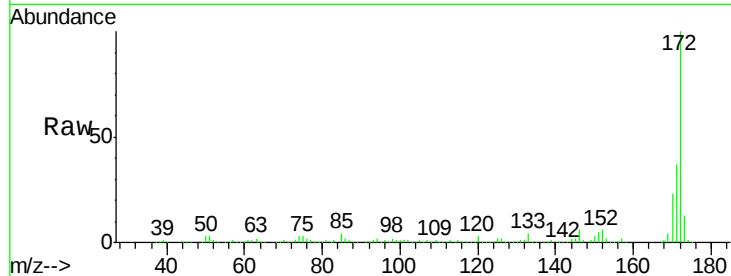




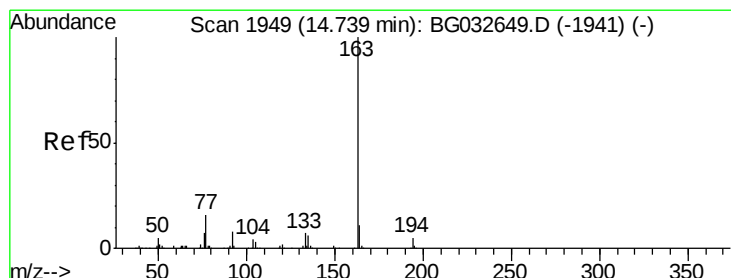
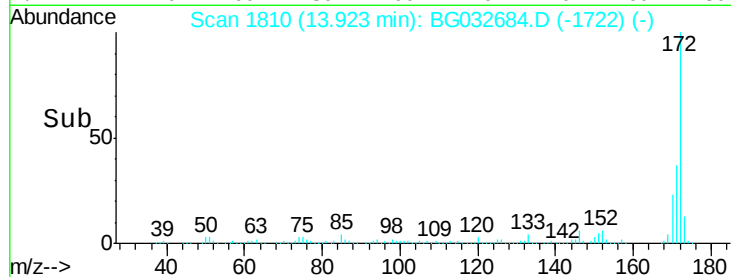
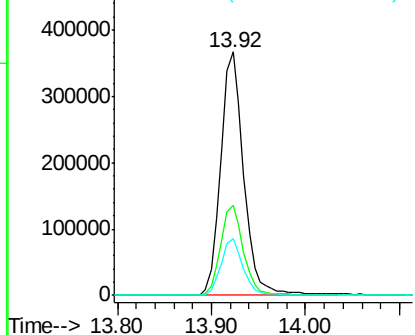
#44
2-Fluorobiphenyl
Concen: 88.743 ng
RT: 13.92 min Scan# 1810
Delta R.T. -0.01 min
Lab File: BG032684.D
Acq: 14 Feb 2018 17:00

Instrument :
BNA_G
ClientSampleId :
4-15-TRENCH-1-NW@5

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.0	45.0
170	23.3	19.5	29.3

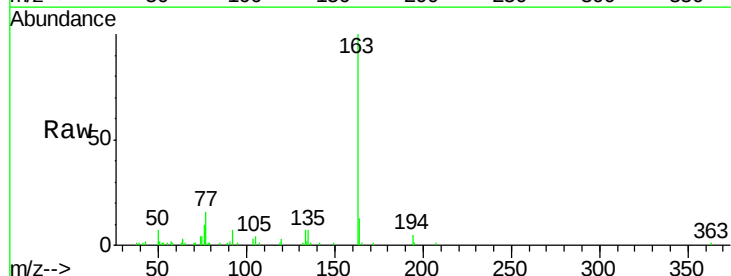


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

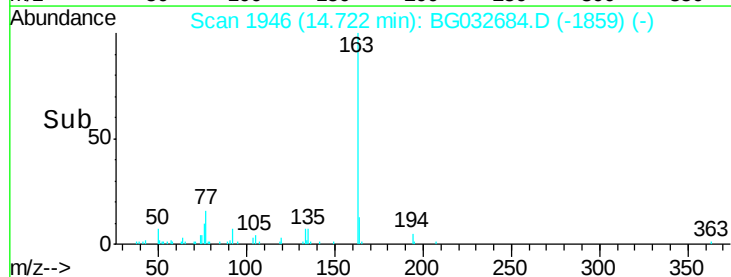
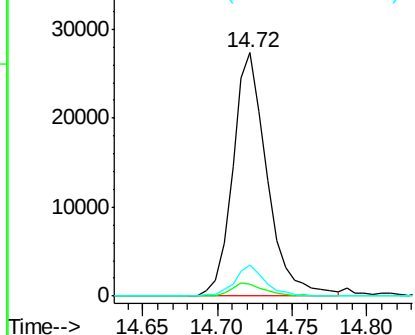


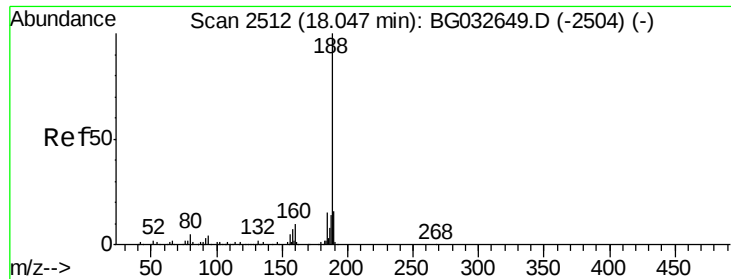
#49
Dimethylphthalate
Concen: 5.703 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.02 min
Lab File: BG032684.D
Acq: 14 Feb 2018 17:00

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.4	5.2
164	13.0	8.2	12.4



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

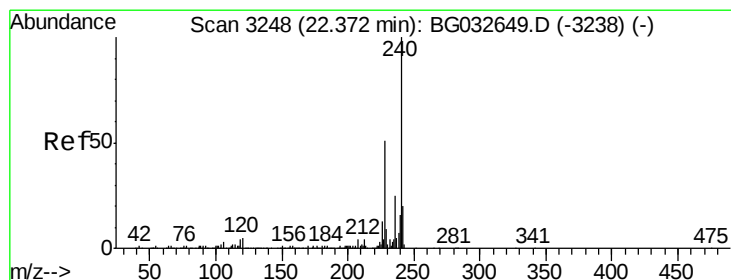
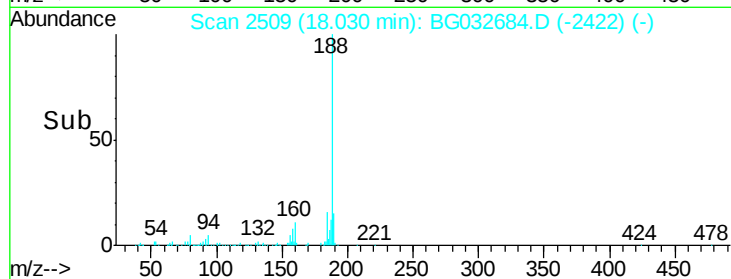
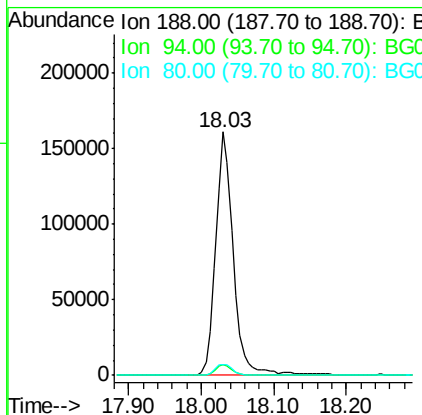
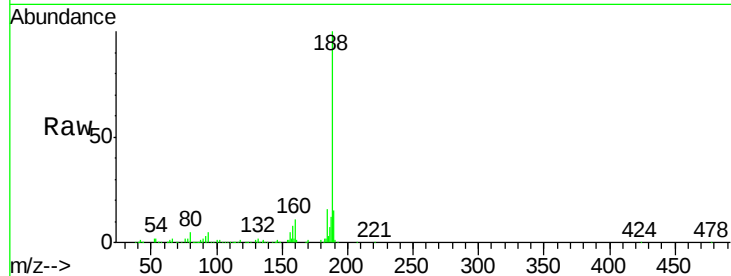




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.03 min Scan# 2509
Delta R.T. -0.02 min
Lab File: BG032684.D
Acq: 14 Feb 2018 17:00

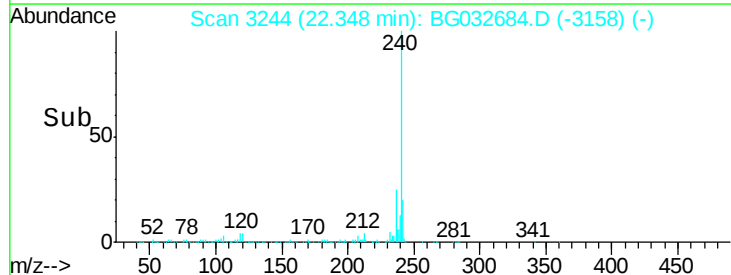
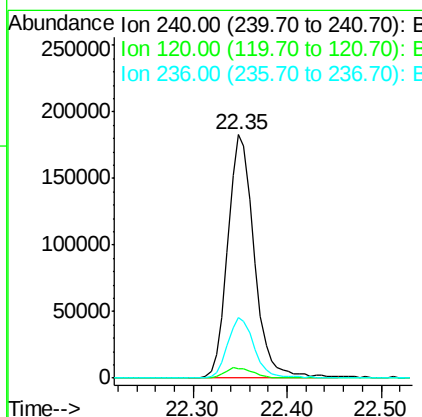
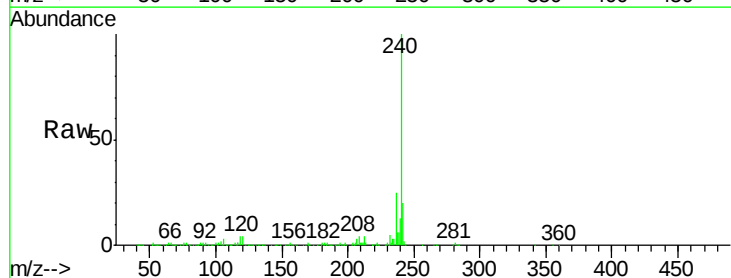
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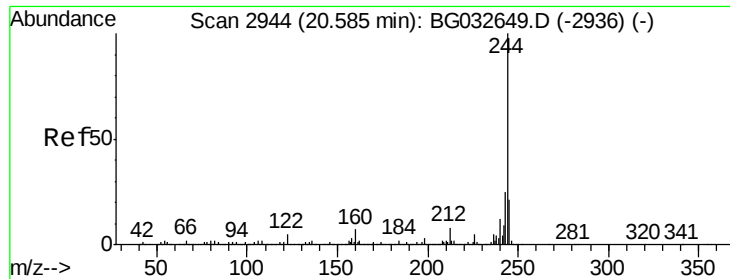
Tot Ion:188 Resp: 272361
Ion Ratio Lower Upper
188 100
94 4.6 6.9 10.3#
80 4.6 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.35 min Scan# 3244
Delta R.T. -0.02 min
Lab File: BG032684.D
Acq: 14 Feb 2018 17:00

Tgt Ion:240 Resp: 357987
Ion Ratio Lower Upper
240 100
120 4.1 6.8 10.2#
236 25.1 20.9 31.3





#78

Terphenyl-d14

Concen: 93.257 ng

RT: 20.57 min Scan# 2942

Delta R.T. -0.01 min

Lab File: BG032684.D

Acq: 14 Feb 2018 17:00

Instrument :

BNA_G

ClientSampleId :

4-15-TRENCH-1-NW@5

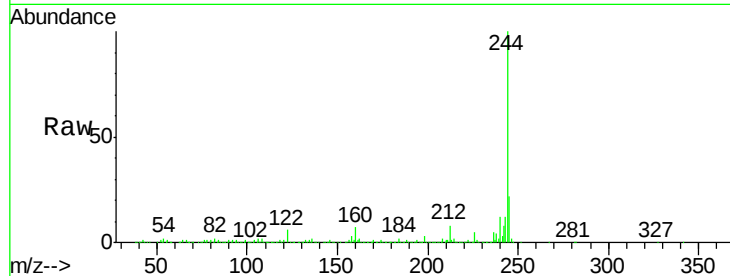
Tot Ion:244 Resp: 1464752

Ion Ratio Lower Upper

244 100

212 8.1 5.8 8.8

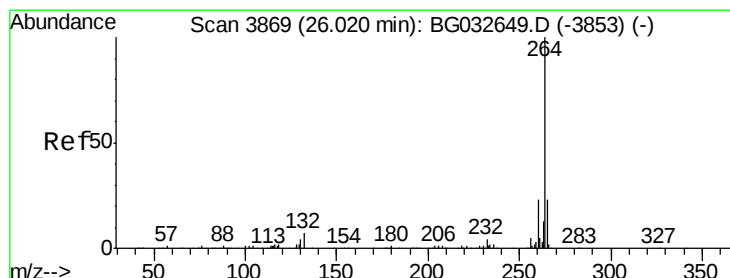
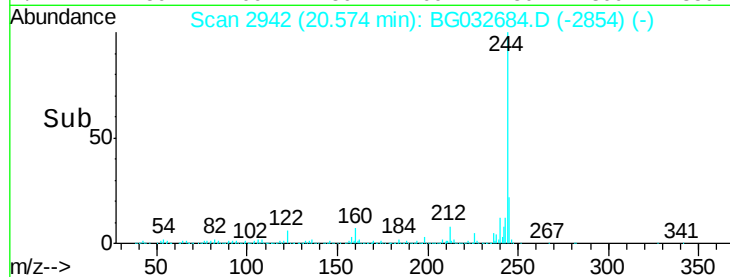
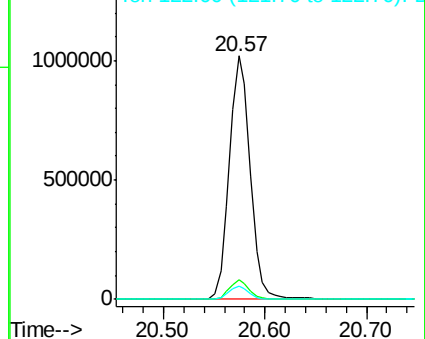
122 5.6 7.0 10.4#



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.99 min Scan# 3863

Delta R.T. -0.04 min

Lab File: BG032684.D

Acq: 14 Feb 2018 17:00

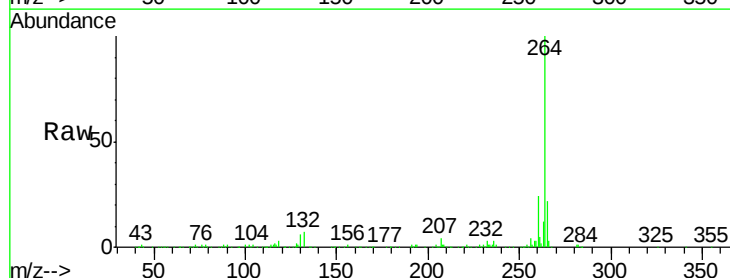
Tgt Ion:264 Resp: 369716

Ion Ratio Lower Upper

264 100

260 23.6 17.4 26.0

265 21.7 17.7 26.5



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

