

Data Path : U:\HPCHEM1\BNA G\DATA\BG020518\
 Data File : BG032554.D
 Acq On : 6 Feb 2018 3:47
 Operator : SJ/JU
 Sample : J1444-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-PH3-MGP-03

Quant Time: Feb 06 06:59:21 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 15:32:55 2018
 Response via : Initial Calibration

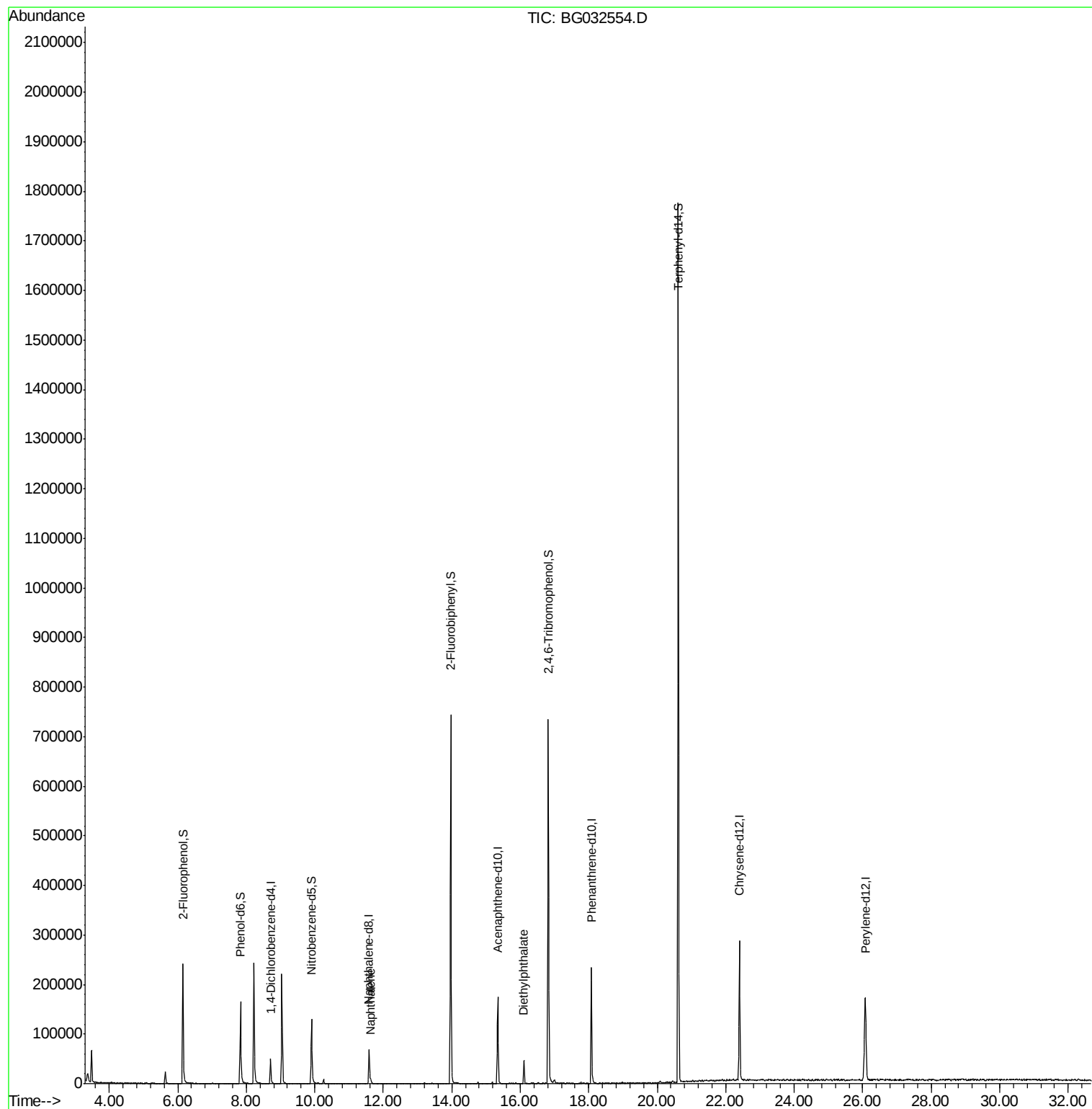
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.70	152	18007	20.00	ng	-0.02
21) Naphthalene-d8	11.58	136	74346	20.00	ng	-0.02
38) Acenaphthene-d10	15.34	164	69172	20.00	ng	-0.01
63) Phenanthrene-d10	18.08	188	181271	20.00	ng	-0.01
75) Chrysene-d12	22.40	240	218623	20.00	ng	-0.02
86) Perylene-d12	26.07	264	243503	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	134165	149.65	ng	0.00
7) Phenol-d6	7.83	99	118534	99.08	ng	0.00
23) Nitrobenzene-d5	9.90	82	91740	77.07	ng	-0.02
41) 2,4,6-Tribromophenol	16.82	330	177689	134.95	ng	-0.02
44) 2-Fluorobiphenyl	13.97	172	445242	76.50	ng	-0.02
78) Terphenyl-d14	20.61	244	941308	92.23	ng	-0.01
Target Compounds						
31) Naphthalene	11.64	128	8074	2.224	ng	98
59) Diethylphthalate	16.11	149	28549	4.596	ng	98

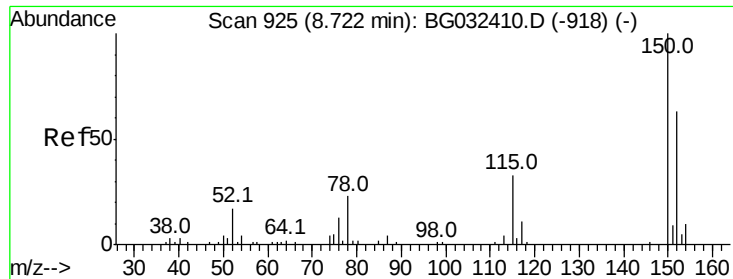
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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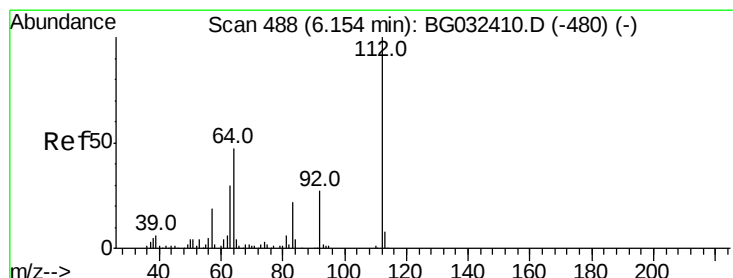
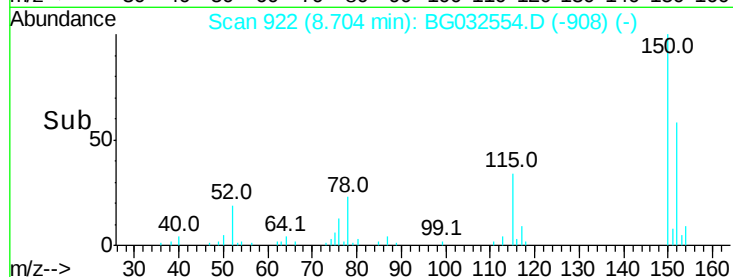
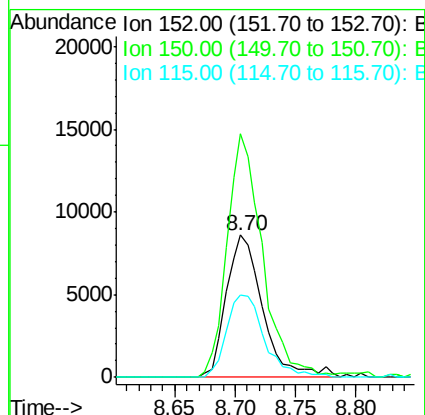
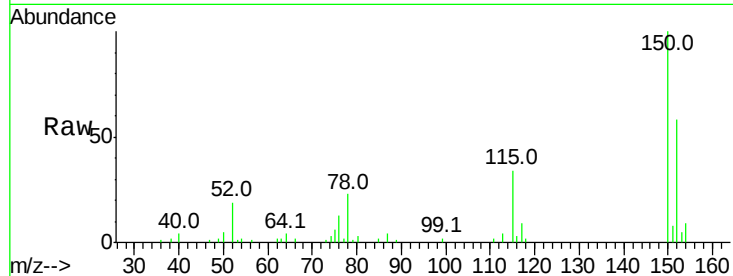


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.70 min Scan# 922
Delta R.T. -0.02 min
Lab File: BG032554.D
Acq: 6 Feb 2018 3:47

Instrument :
BNA_G
ClientSampleId :
WC-PH3-MGP-03

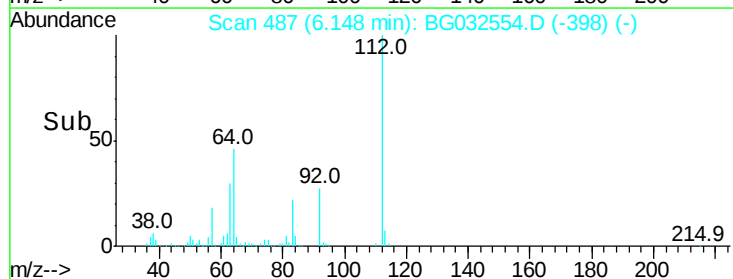
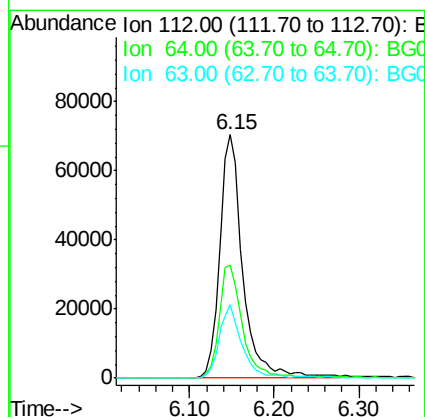
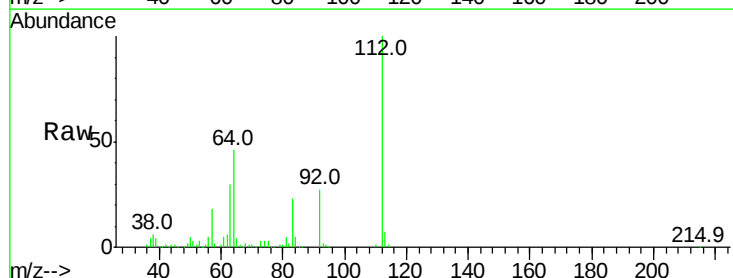
Tot Ion	Ratio	Lower	Upper
152	100		
150	171.6	126.6	189.8
115	57.9	53.0	79.4

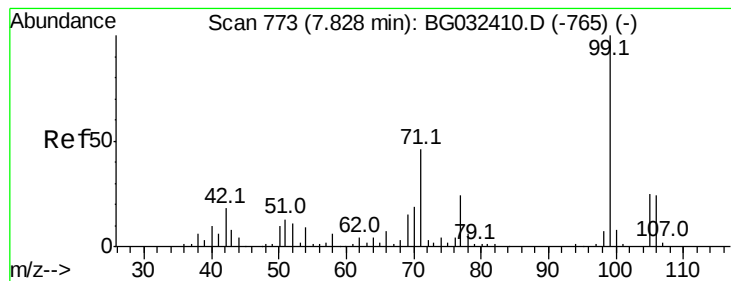


#5

2-Fluorophenol
Concen: 149.652 ng
RT: 6.15 min Scan# 487
Delta R.T. -0.01 min
Lab File: BG032554.D
Acq: 6 Feb 2018 3:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	46.2	56.3	84.5#
63	30.0	30.1	45.1#





#7

Phenol-d6

Concen: 99.082 ng

RT: 7.83 min Scan# 773

Delta R.T. 0.00 min

Lab File: BG032554.D

Acq: 6 Feb 2018 3:47

Instrument :

BNA_G

ClientSampleId :

WC-PH3-MGP-03

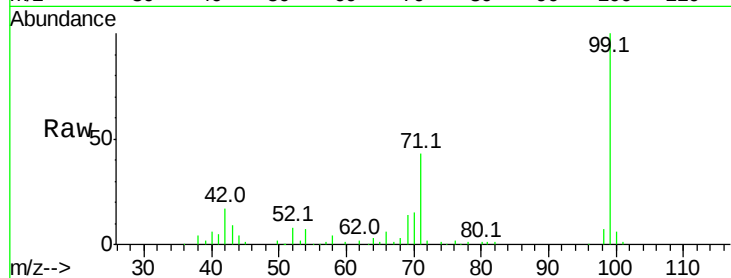
Tot Ion: 99 Resp: 118534

Ion Ratio Lower Upper

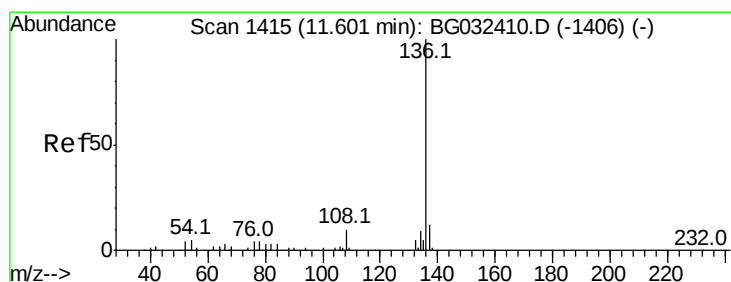
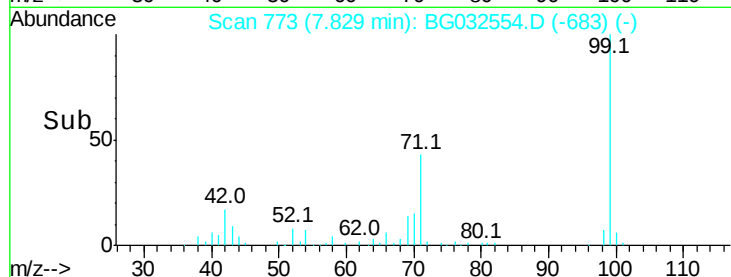
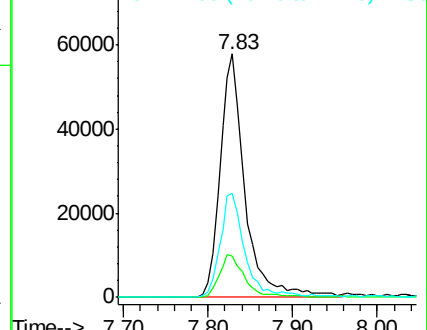
99 100

42 17.1 14.1 21.1

71 42.7 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.58 min Scan# 1412

Delta R.T. -0.02 min

Lab File: BG032554.D

Acq: 6 Feb 2018 3:47

Tgt Ion:136 Resp: 74346

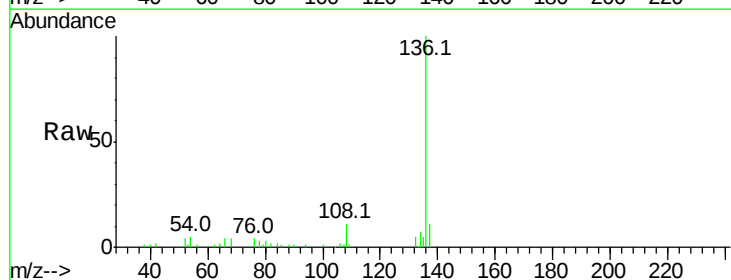
Ion Ratio Lower Upper

136 100

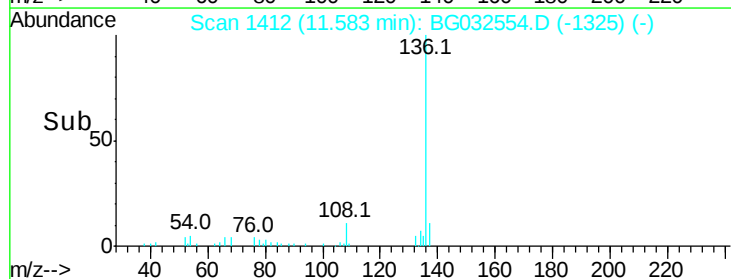
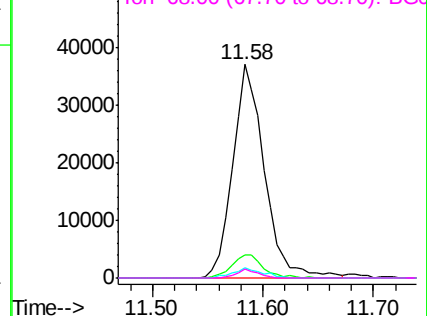
137 11.0 9.2 13.8

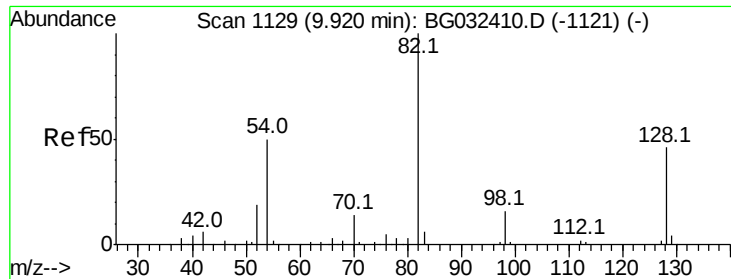
54 5.0 10.3 15.5#

68 4.3 4.5 6.7#



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

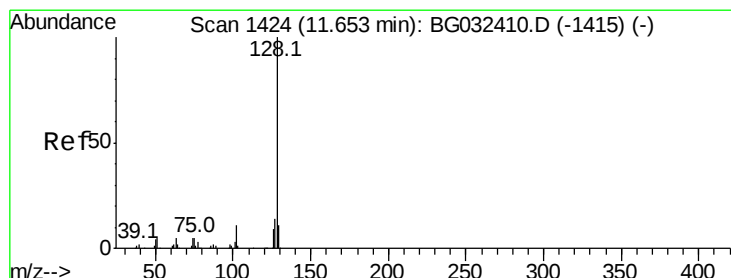
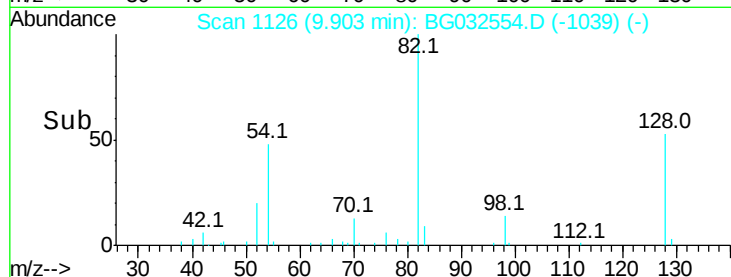
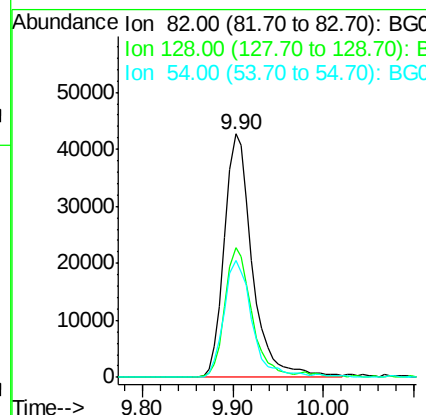
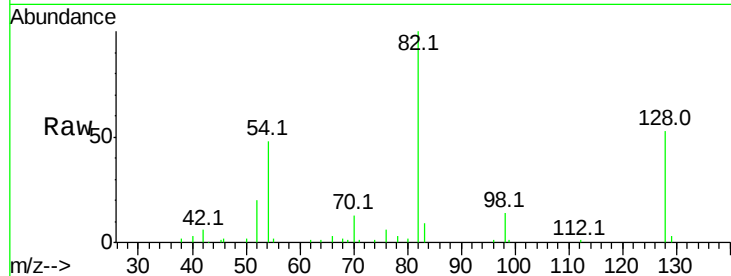




#23
 Nitrobenzene-d5
 Concen: 77.074 ng
 RT: 9.90 min Scan# 1126
 Delta R.T. -0.02 min
 Lab File: BG032554.D
 Acq: 6 Feb 2018 3:47

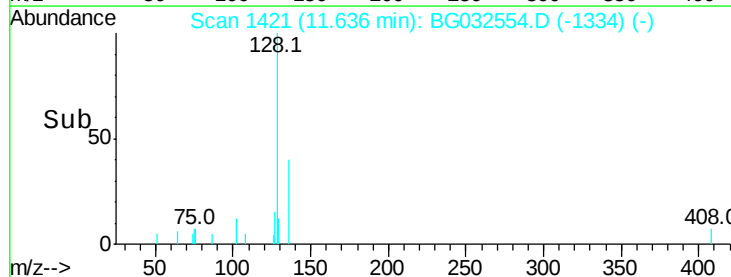
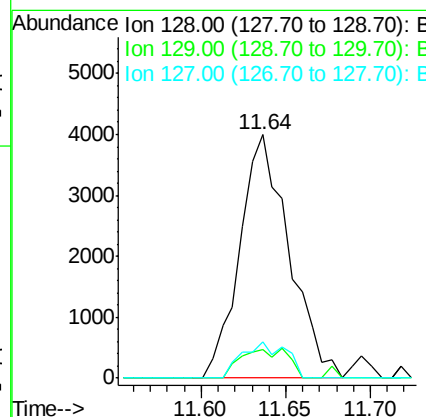
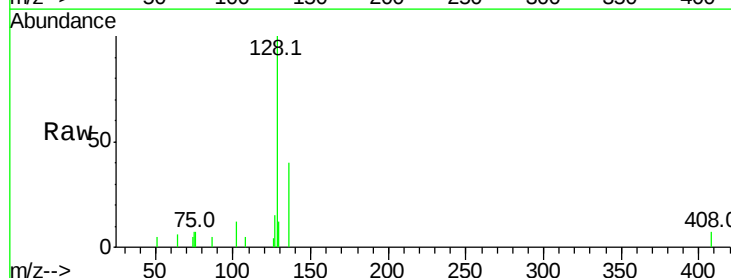
Instrument :
 BNA_G
 ClientSampleId :
 WC-PH3-MGP-03

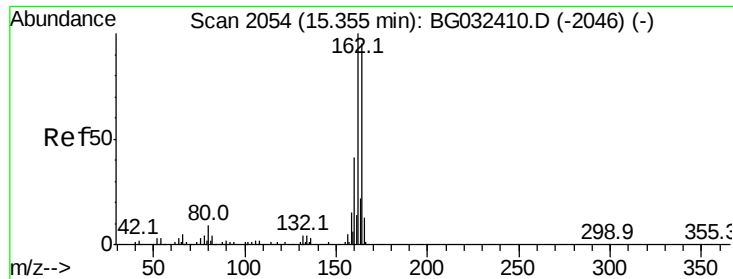
Tot Ion: 82 Resp: 91740
 Ion Ratio Lower Upper
 82 100
 128 53.2 29.7 44.5#
 54 48.0 43.1 64.7



#31
 Naphthalene
 Concen: 2.224 ng
 RT: 11.64 min Scan# 1421
 Delta R.T. -0.02 min
 Lab File: BG032554.D
 Acq: 6 Feb 2018 3:47

Tgt Ion: 128 Resp: 8074
 Ion Ratio Lower Upper
 128 100
 129 11.7 8.6 12.8
 127 15.0 11.6 17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.34 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BG032554.D

Acq: 6 Feb 2018 3:47

Instrument :

BNA_G

ClientSampleId :

WC-PH3-MGP-03

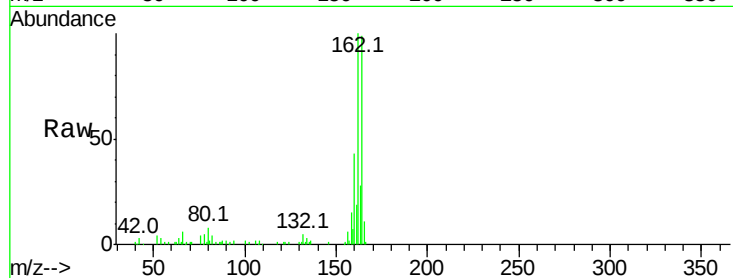
Tot Ion:164 Resp: 69172

Ion Ratio Lower Upper

164 100

162 101.5 78.8 118.2

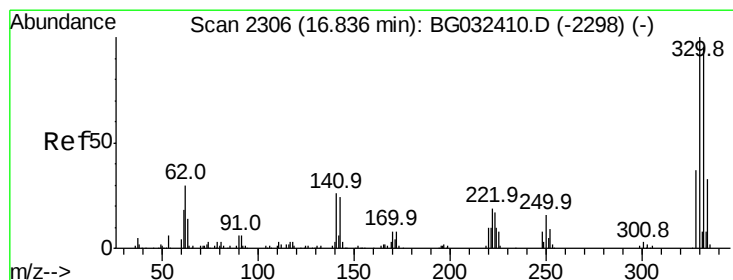
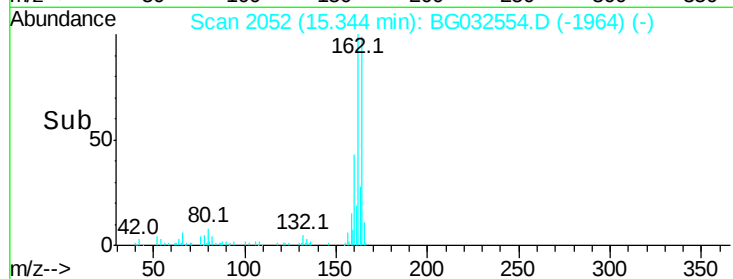
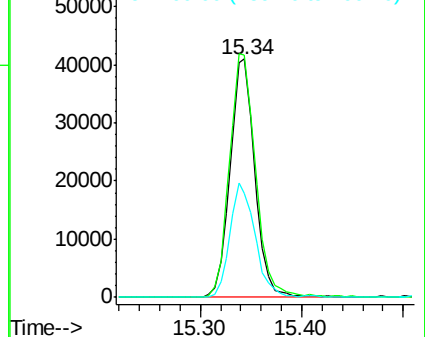
160 43.5 35.4 53.0



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: 134.951 ng

RT: 16.82 min Scan# 2303

Delta R.T. -0.02 min

Lab File: BG032554.D

Acq: 6 Feb 2018 3:47

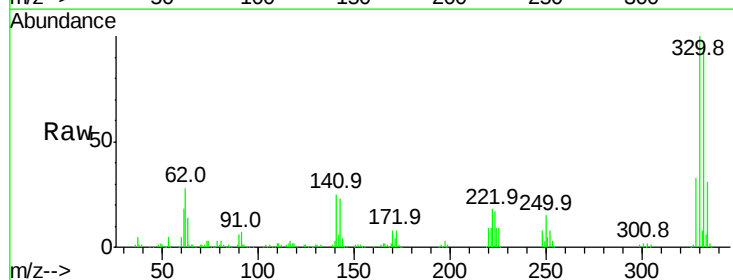
Tgt Ion:330 Resp: 177689

Ion Ratio Lower Upper

330 100

332 96.6 77.0 115.6

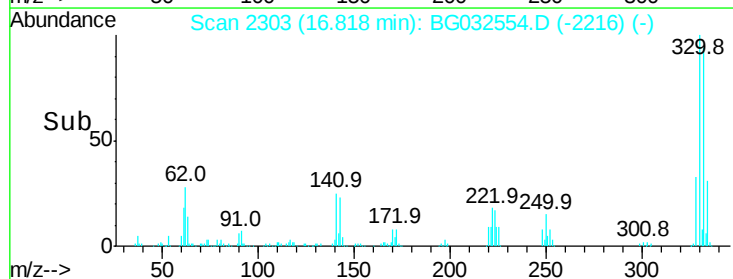
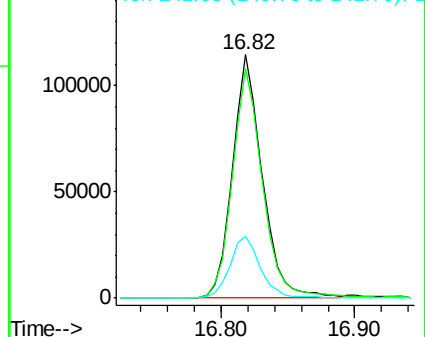
141 26.5 25.2 37.8

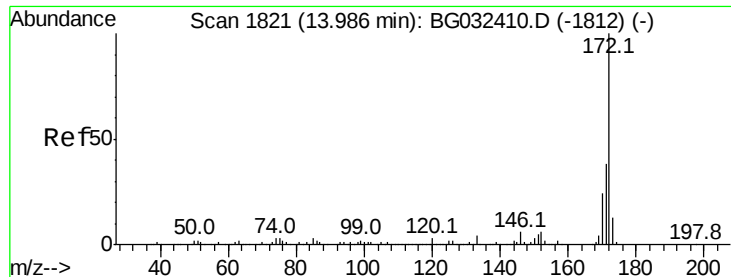


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

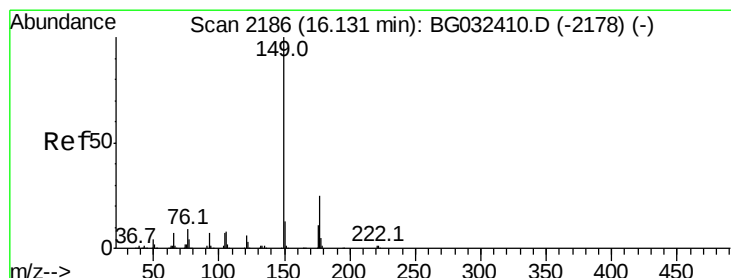
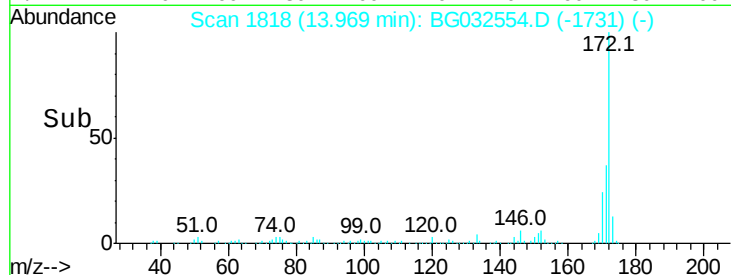
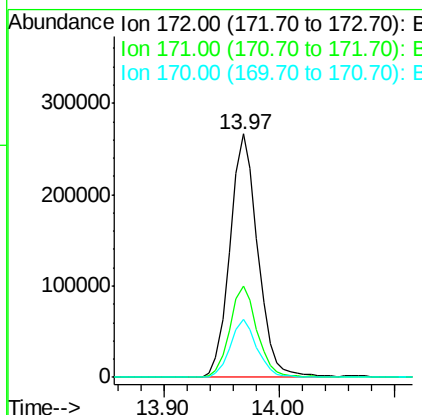
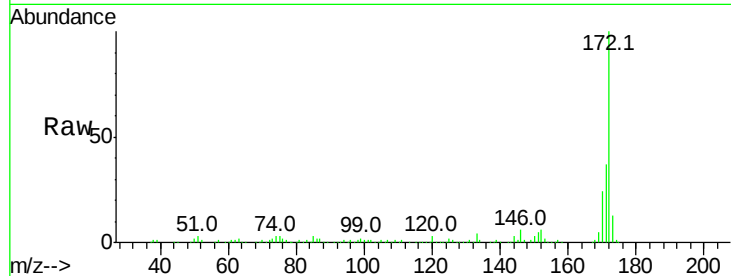




#44
 2-Fluorobiphenyl
 Concen: 76.505 ng
 RT: 13.97 min Scan# 1818
 Delta R.T. -0.02 min
 Lab File: BG032554.D
 Acq: 6 Feb 2018 3:47

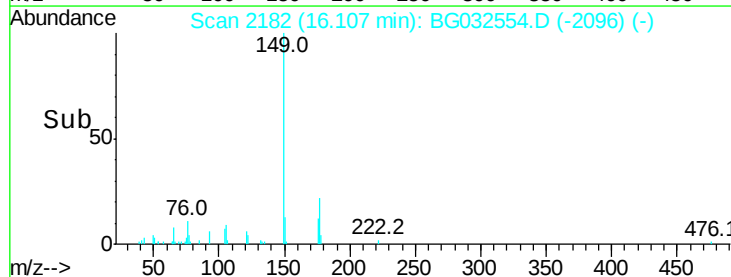
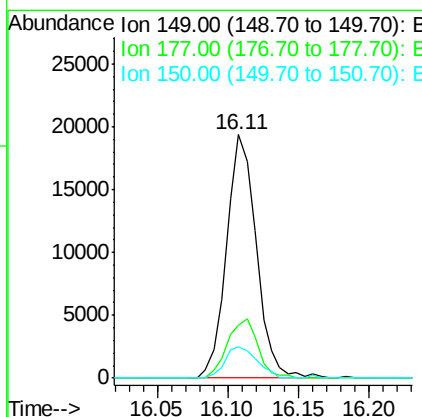
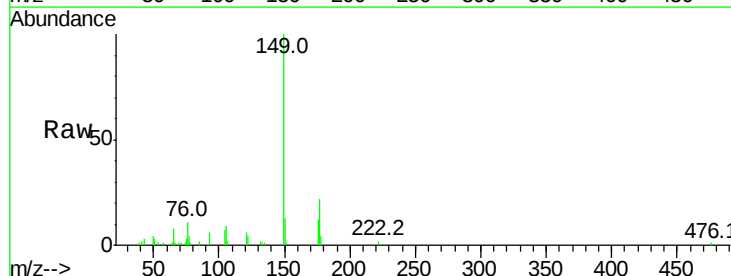
Instrument :
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 WC-PH3-MGP-03

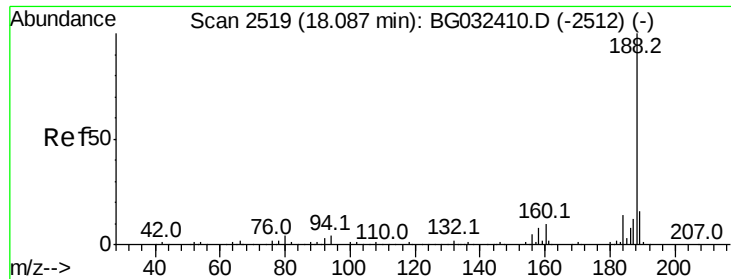
Tot Ion:172 Resp: 445242
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.0 45.0
 170 23.7 19.5 29.3



#59
 Diethylphthalate
 Concen: 4.596 ng
 RT: 16.11 min Scan# 2182
 Delta R.T. -0.02 min
 Lab File: BG032554.D
 Acq: 6 Feb 2018 3:47

Tgt Ion:149 Resp: 28549
 Ion Ratio Lower Upper
 149 100
 177 21.9 18.5 27.7
 150 12.6 10.2 15.2

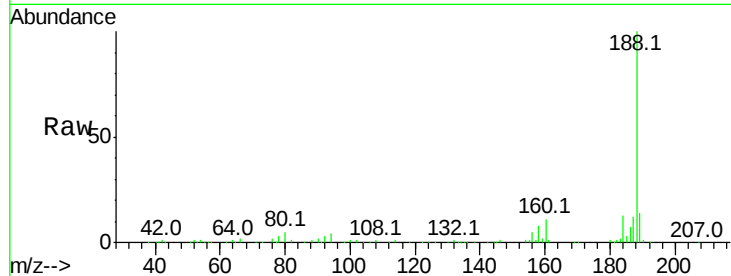




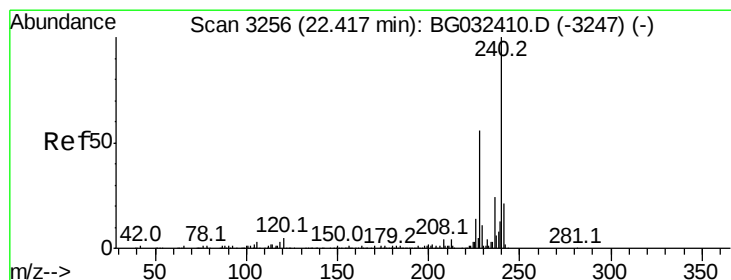
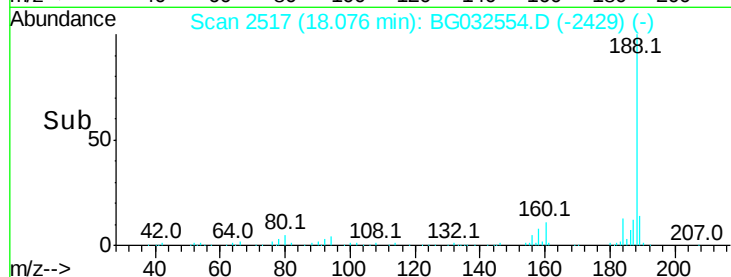
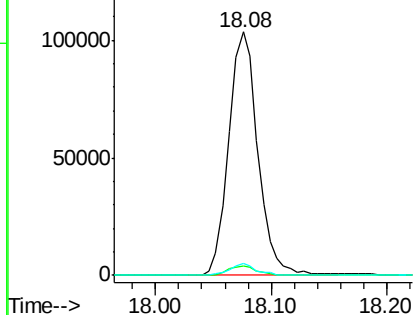
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.08 min Scan# 2517
Delta R.T. -0.01 min
Lab File: BG032554.D
Acq: 6 Feb 2018 3:47

Instrument :
BNA_G
ClientSampleId :
WC-PH3-MGP-03

Tot Ion:188 Resp: 181271
Ion Ratio Lower Upper
188 100
94 3.8 6.9 10.3#
80 5.1 7.7 11.5#

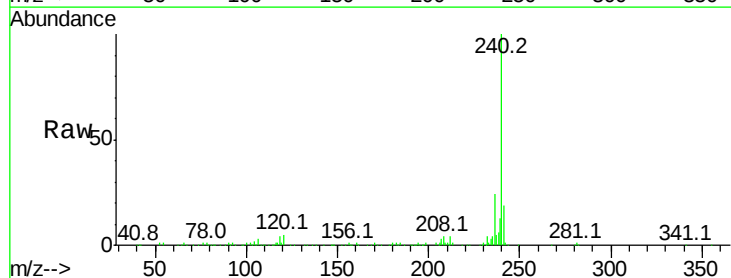


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

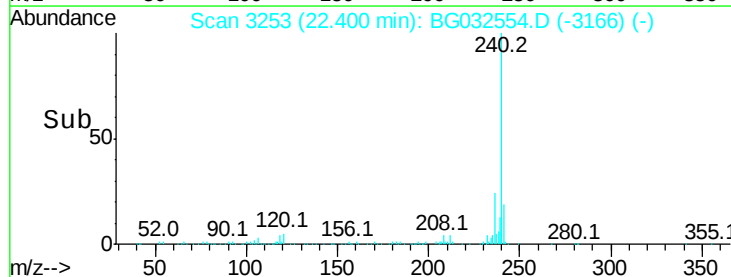
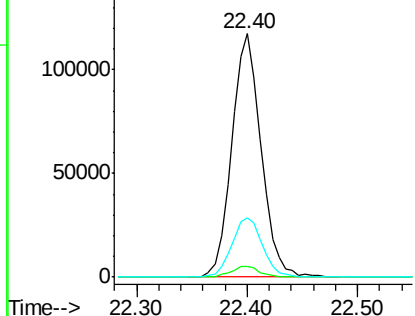


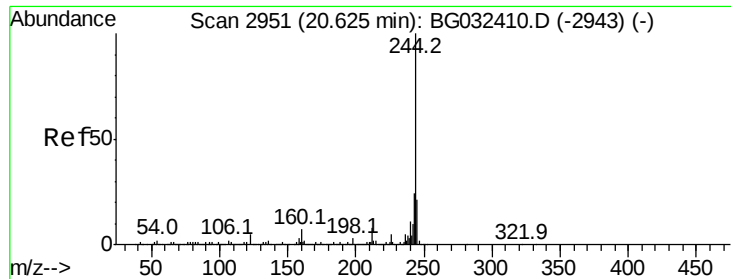
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.40 min Scan# 3253
Delta R.T. -0.02 min
Lab File: BG032554.D
Acq: 6 Feb 2018 3:47

Tgt Ion:240 Resp: 218623
Ion Ratio Lower Upper
240 100
120 4.6 6.8 10.2#
236 24.4 20.9 31.3



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





#78

Terphenyl-d14

Concen: 92.230 ng

RT: 20.61 min Scan# 2949

Delta R.T. -0.01 min

Lab File: BG032554.D

Acq: 6 Feb 2018 3:47

Instrument :

BNA_G

ClientSampleId :

WC-PH3-MGP-03

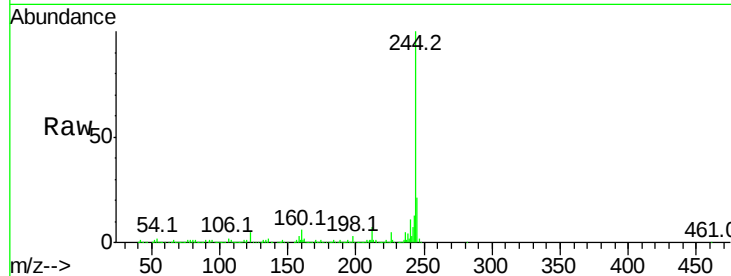
Tot Ion:244 Resp: 941308

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

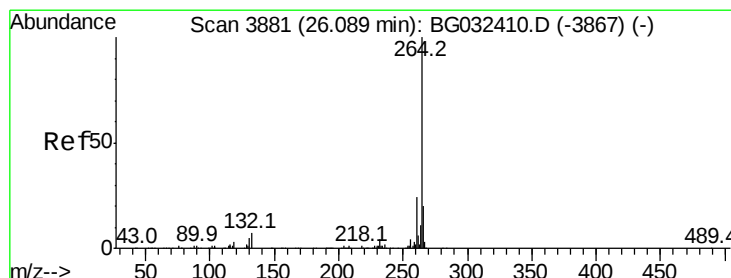
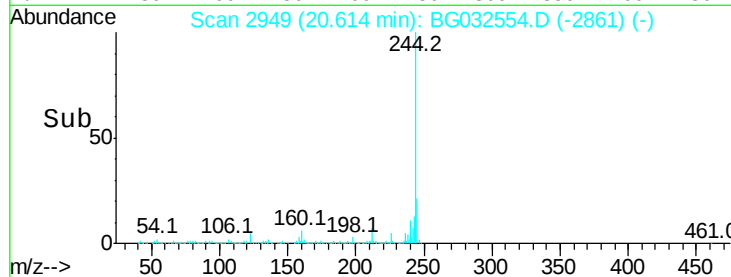
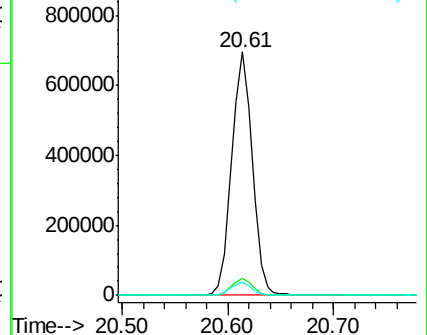
122 5.4 7.0 10.4#



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: 26.07 min Scan# 3877

Delta R.T. -0.02 min

Lab File: BG032554.D

Acq: 6 Feb 2018 3:47

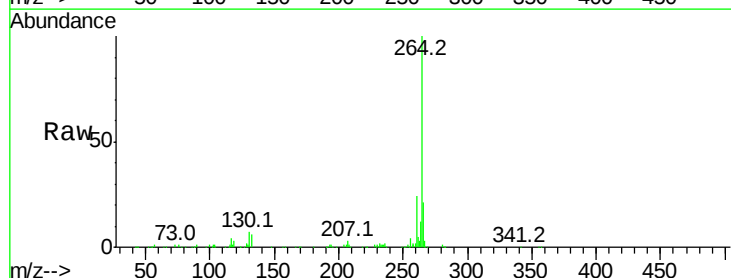
Tgt Ion:264 Resp: 243503

Ion Ratio Lower Upper

264 100

260 23.5 17.4 26.0

265 20.8 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

