

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021318\
 Data File : BG032680.D
 Acq On : 14 Feb 2018 6:22
 Operator : SJ/JU
 Sample : J1526-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RO-1-2

Quant Time: Feb 14 07:02:24 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

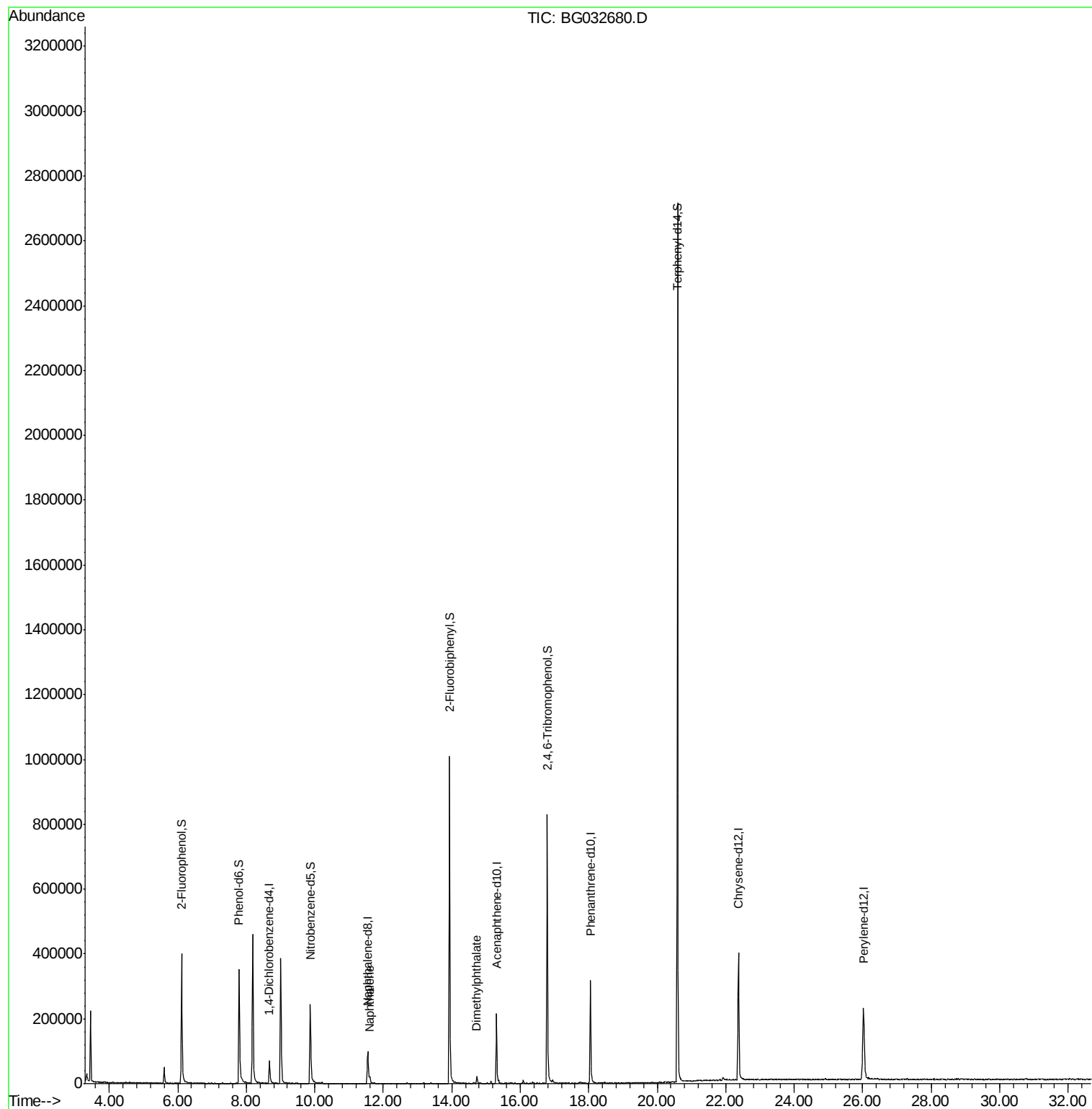
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.68	152	26738	20.00	ng	0.00
21) Naphthalene-d8	11.55	136	116887	20.00	ng	0.00
38) Acenaphthene-d10	15.31	164	87178	20.00	ng	0.00
63) Phenanthrene-d10	18.05	188	242796	20.00	ng	0.00
75) Chrysene-d12	22.37	240	334078	20.00	ng	0.00
86) Perylene-d12	26.02	264	331248	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.11	112	204640	153.56	ng	0.00
7) Phenol-d6	7.79	99	242630	133.15	ng	0.00
23) Nitrobenzene-d5	9.87	82	179564	97.63	ng	0.00
41) 2,4,6-Tribromophenol	16.79	330	189618	141.26	ng	0.00
44) 2-Fluorobiphenyl	13.93	172	621026	89.08	ng	0.00
78) Terphenyl-d14	20.59	244	1507712	102.86	ng	0.00
Target Compounds						
31) Naphthalene	11.60	128	20205	3.560	ng	Qvalue # 95
49) Dimethylphthalate	14.73	163	19287	2.559	ng	100

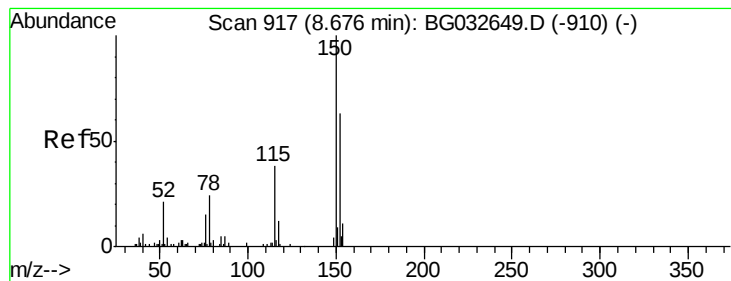
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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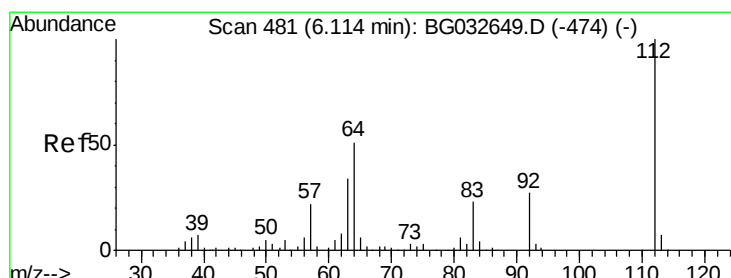
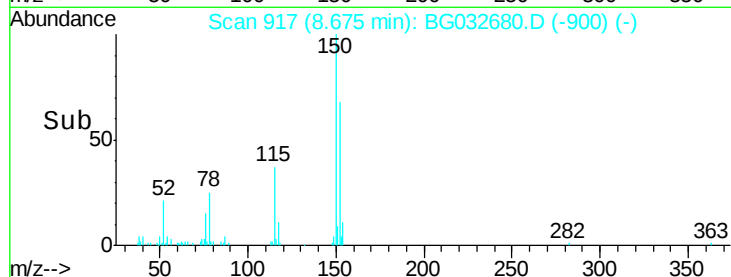
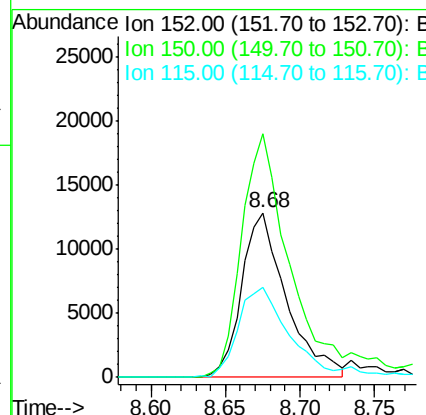
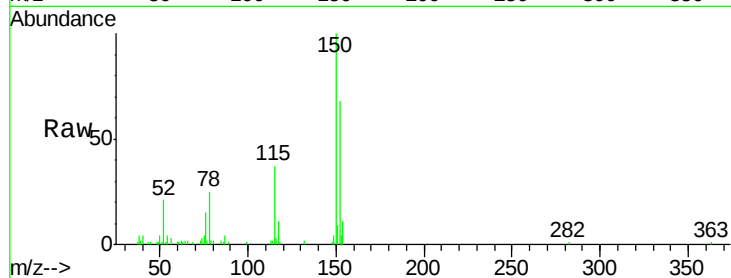


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.68 min Scan# 917
Delta R.T. -0.00 min
Lab File: BG032680.D
Acq: 14 Feb 2018 6:22

Instrument :
BNA_G
ClientSampleId :
RO-1-2

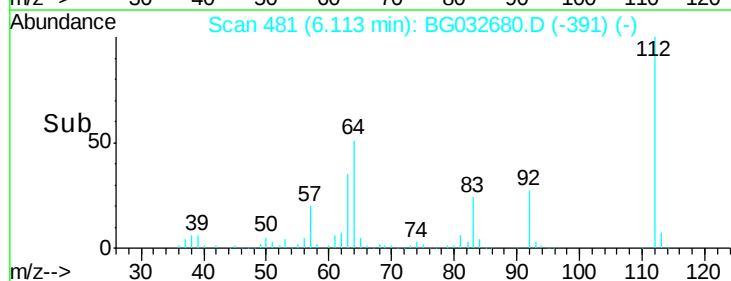
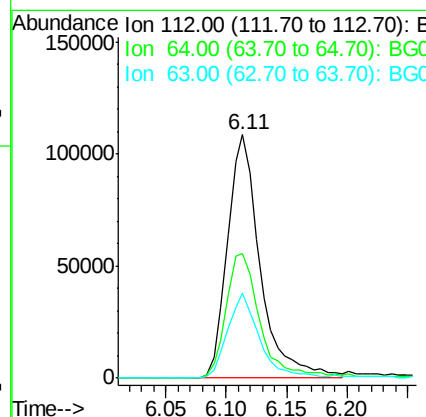
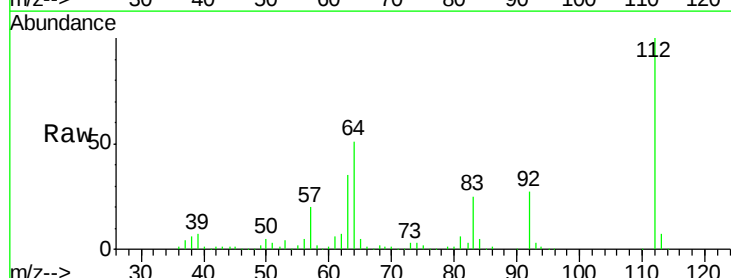
Tot Ion	152	Resp	26738
Ion	Ratio	Lower	Upper
152	100		
150	148.0	126.6	189.8
115	54.4	53.0	79.4

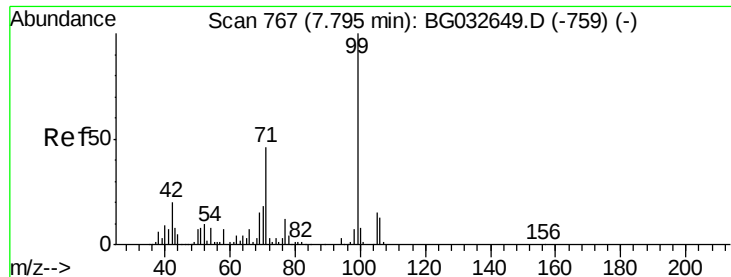


#5

2-Fluorophenol
Concen: 153.557 ng
RT: 6.11 min Scan# 481
Delta R.T. -0.00 min
Lab File: BG032680.D
Acq: 14 Feb 2018 6:22

Tgt Ion	112	Resp	204640
Ion	Ratio	Lower	Upper
112	100		
64	51.4	56.3	84.5#
63	34.8	30.1	45.1





#7

Phenol-d6

Concen: 133.146 ng

RT: 7.79 min Scan# 766

Delta R.T. -0.01 min

Lab File: BG032680.D

Acq: 14 Feb 2018 6:22

Instrument :

BNA_G

ClientSampled :

RO-1-2

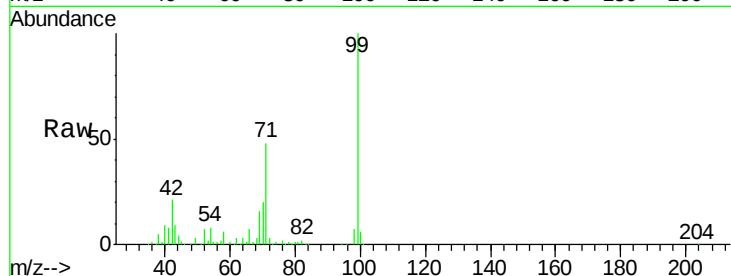
Tot Ion: 99 Resp: 242630

Ion Ratio Lower Upper

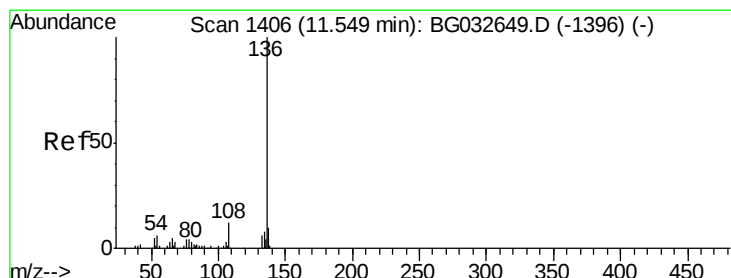
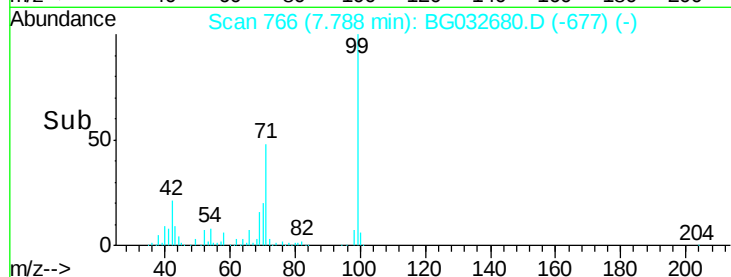
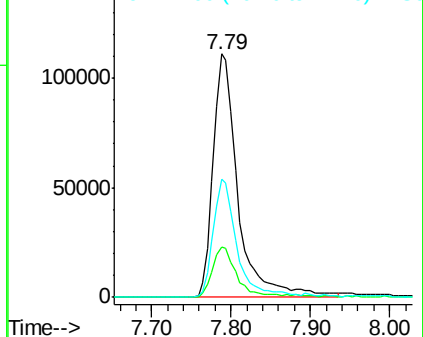
99 100

42 20.7 14.1 21.1

71 48.4 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: 11.55 min Scan# 1406

Delta R.T. -0.00 min

Lab File: BG032680.D

Acq: 14 Feb 2018 6:22

Tgt Ion:136 Resp: 116887

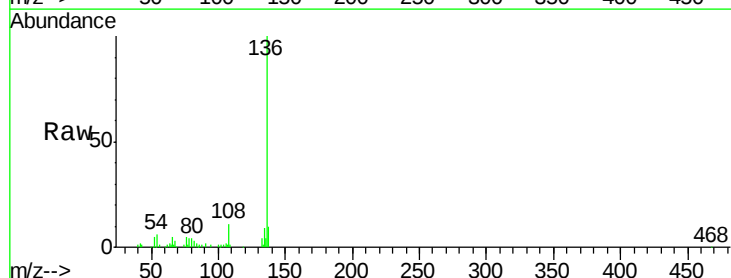
Ion Ratio Lower Upper

136 100

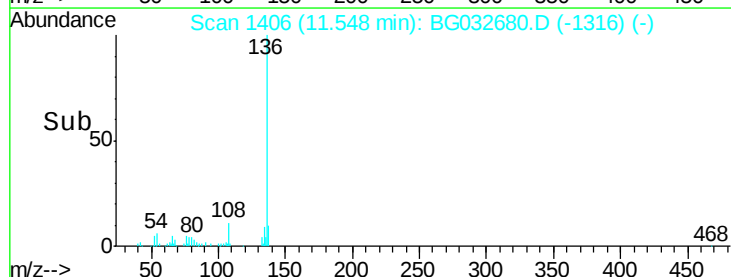
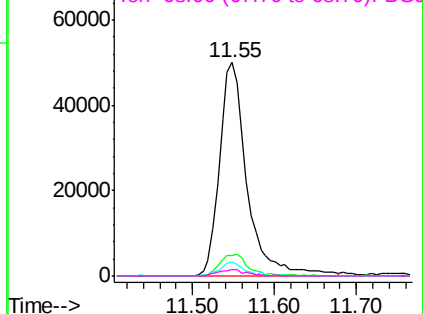
137 9.9 9.2 13.8

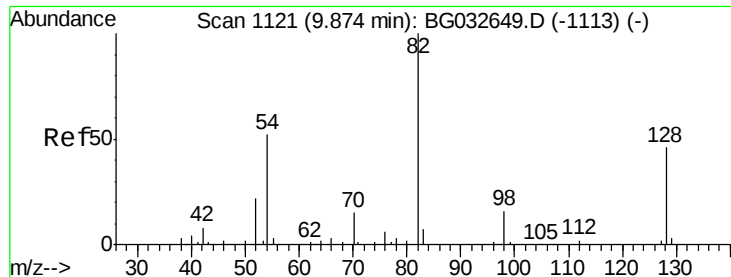
54 6.4 10.3 15.5#

68 3.4 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

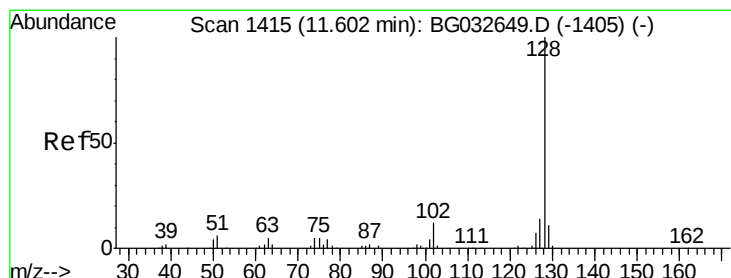
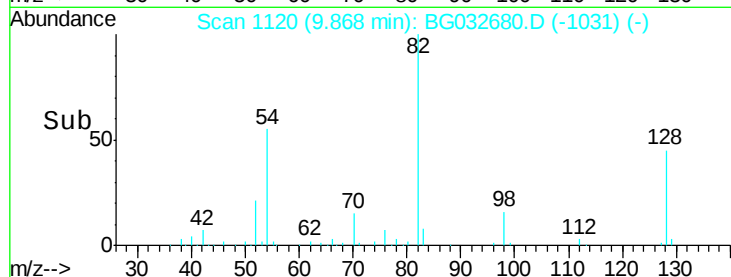
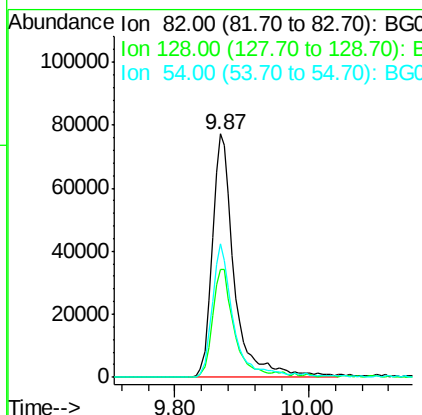
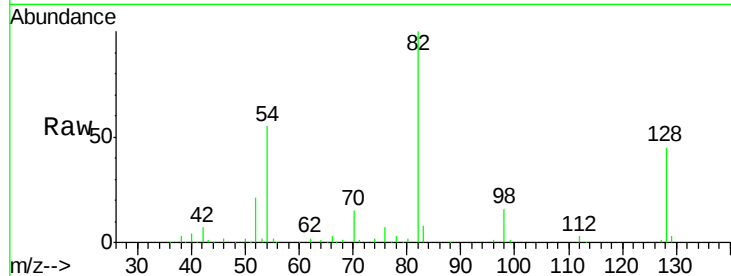




#23
Nitrobenzene-d5
Concen: 97.635 ng
RT: 9.87 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BG032680.D
Acq: 14 Feb 2018 6:22

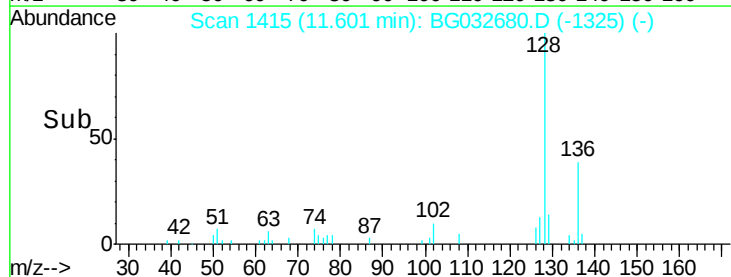
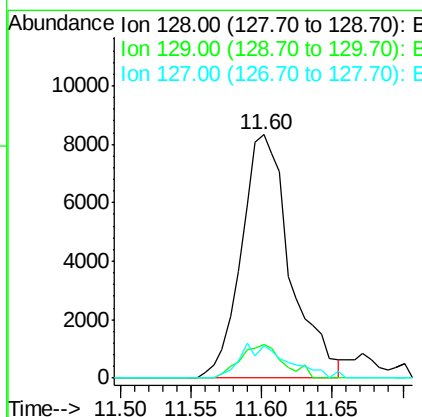
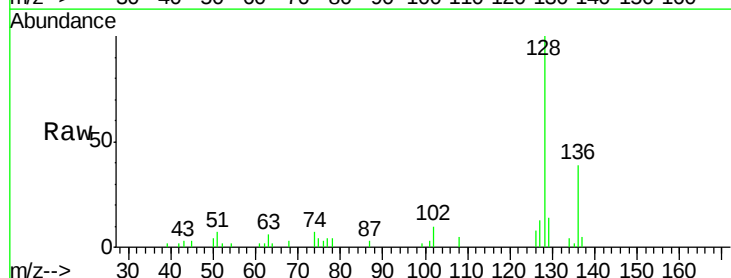
Instrument :
BNA_G
ClientSampleId :
RO-1-2

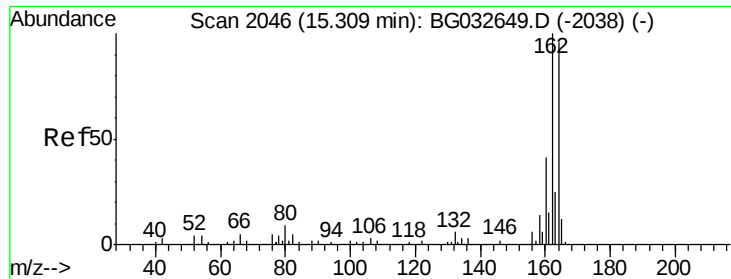
Tot Ion: 82 Resp: 179564
Ion Ratio Lower Upper
82 100
128 44.6 29.7 44.5#
54 54.8 43.1 64.7



#31
Naphthalene
Concen: 3.560 ng
RT: 11.60 min Scan# 1415
Delta R.T. -0.00 min
Lab File: BG032680.D
Acq: 14 Feb 2018 6:22

Tgt Ion: 128 Resp: 20205
Ion Ratio Lower Upper
128 100
129 14.1 8.6 12.8#
127 13.3 11.6 17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.31 min Scan# 2046

Delta R.T. -0.00 min

Lab File: BG032680.D

Acq: 14 Feb 2018 6:22

Instrument :

BNA_G

ClientSampleId :

RO-1-2

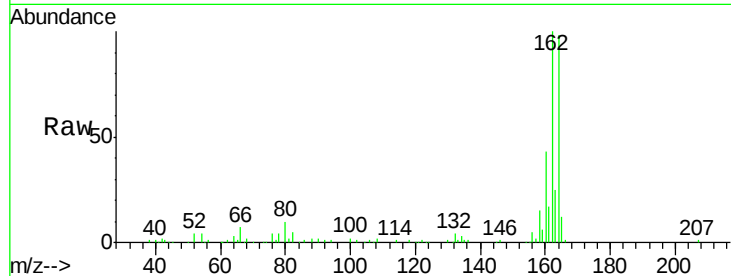
Tot Ion:164 Resp: 87178

Ion Ratio Lower Upper

164 100

162 102.3 78.8 118.2

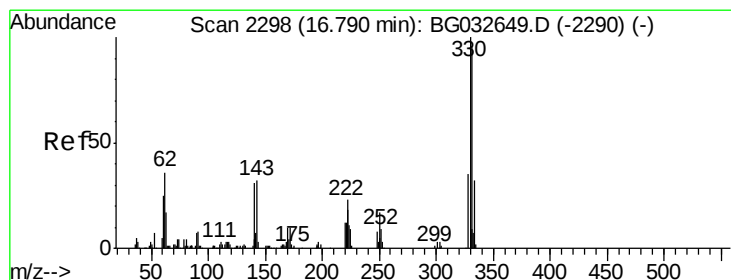
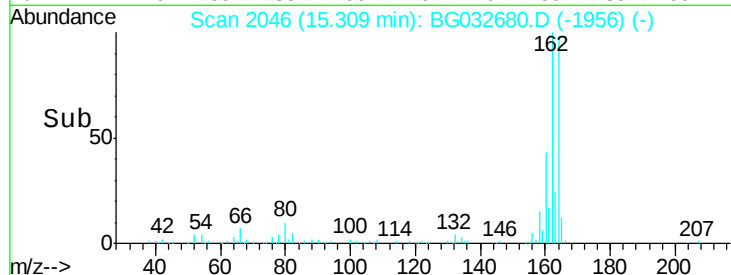
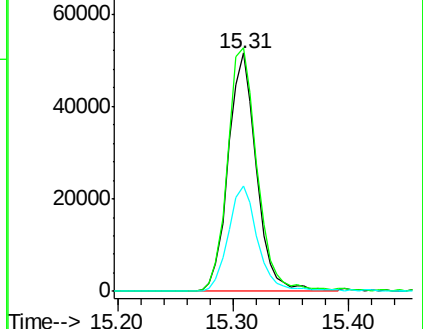
160 44.4 35.4 53.0



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: 141.257 ng

RT: 16.79 min Scan# 2298

Delta R.T. -0.00 min

Lab File: BG032680.D

Acq: 14 Feb 2018 6:22

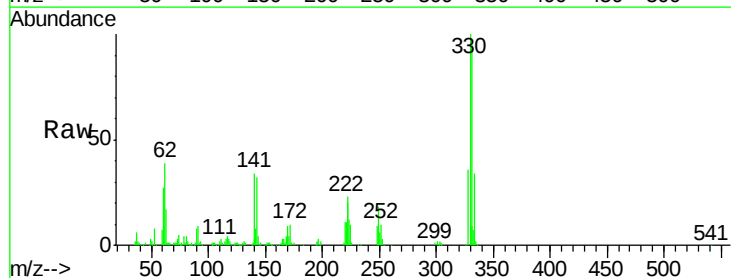
Tgt Ion:330 Resp: 189618

Ion Ratio Lower Upper

330 100

332 95.4 77.0 115.6

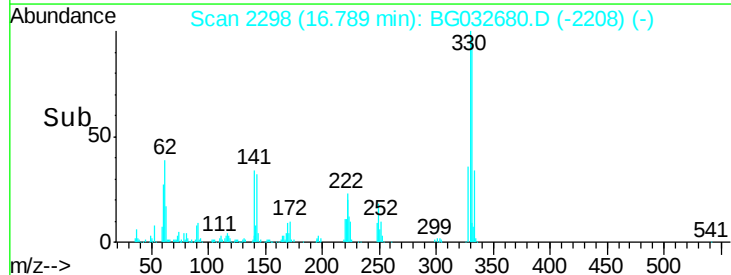
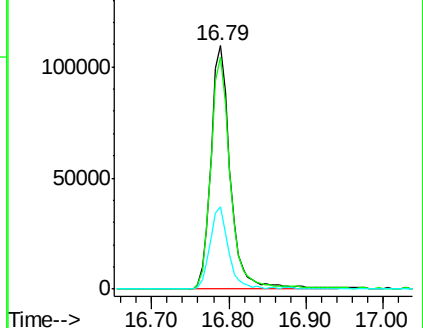
141 31.8 25.2 37.8

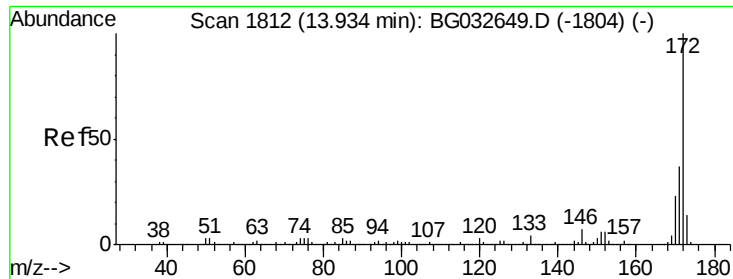


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

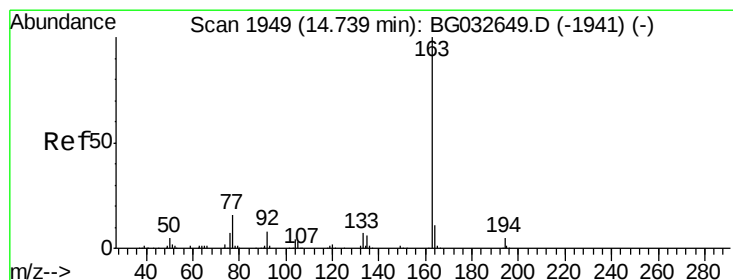
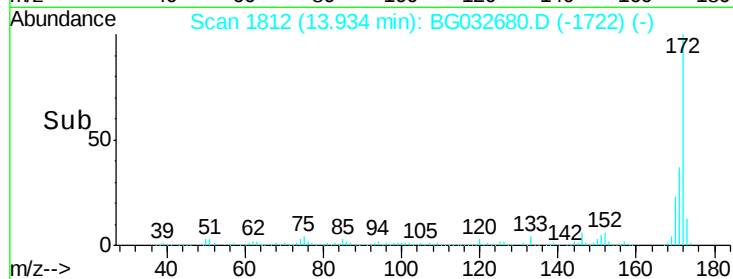
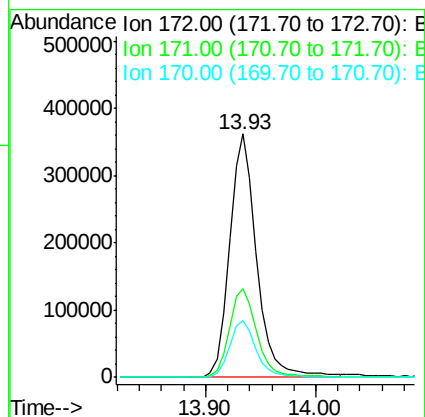
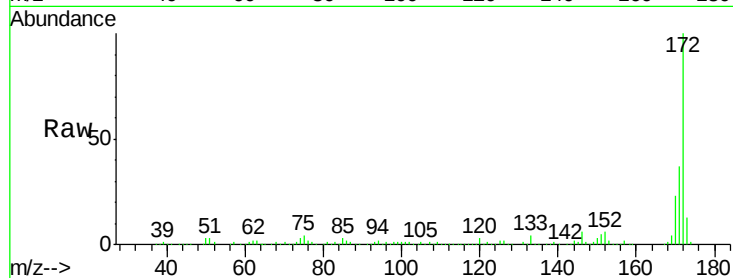




#44
2-Fluorobiphenyl
Concen: 89.083 ng
RT: 13.93 min Scan# 1812
Delta R.T. -0.00 min
Lab File: BG032680.D
Acq: 14 Feb 2018 6:22

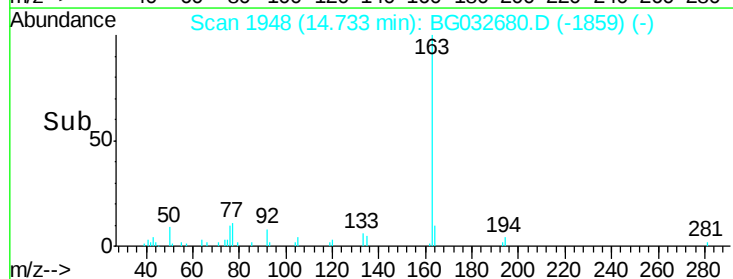
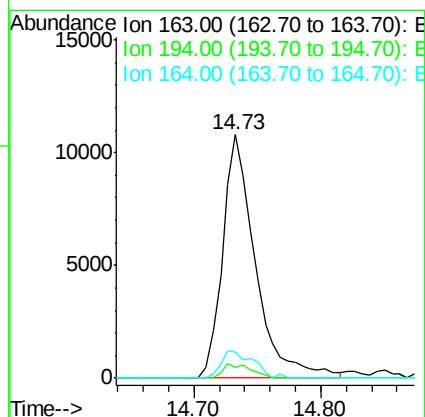
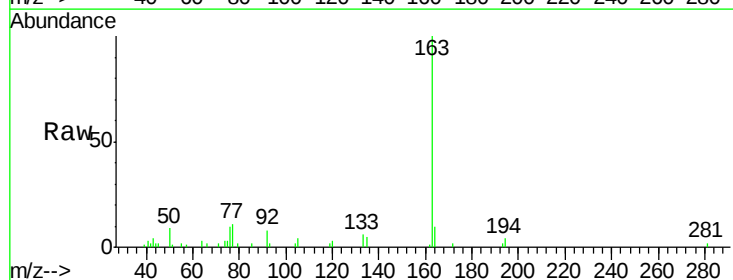
Instrument :
BNA_G
ClientSampleId :
RO-1-2

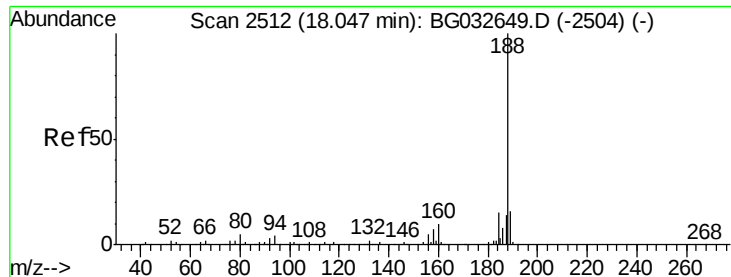
Tot Ion:172 Resp: 621026
Ion Ratio Lower Upper
172 100
171 36.7 30.0 45.0
170 23.1 19.5 29.3



#49
Dimethylphthalate
Concen: 2.559 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG032680.D
Acq: 14 Feb 2018 6:22

Tgt Ion:163 Resp: 19287
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 10.4 8.2 12.4

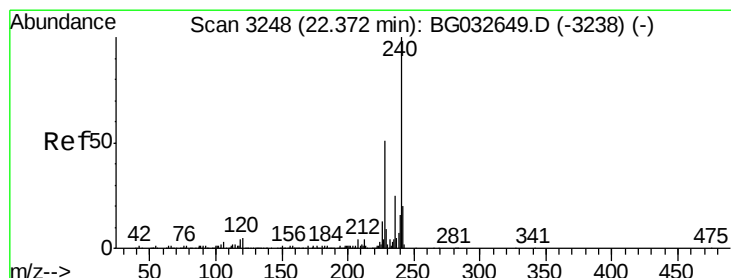
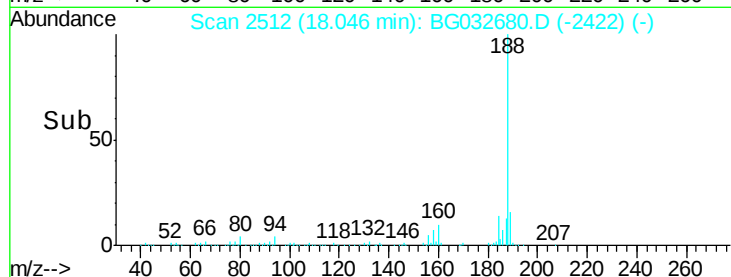
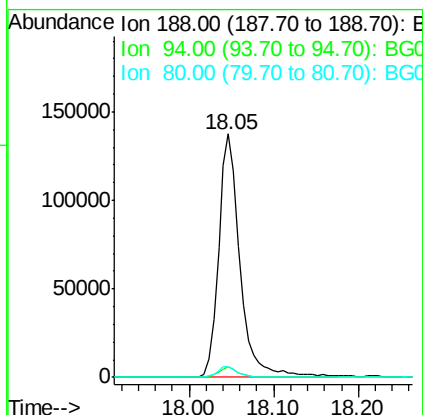
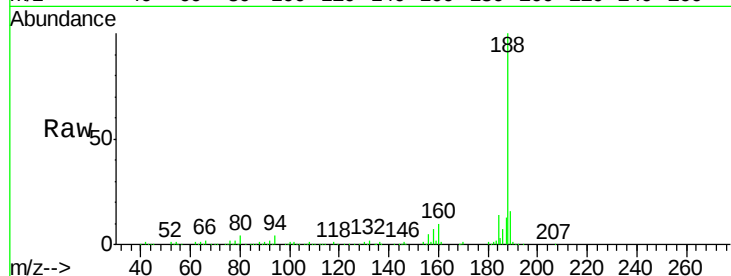




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.05 min Scan# 2512
Delta R.T. -0.00 min
Lab File: BG032680.D
Acq: 14 Feb 2018 6:22

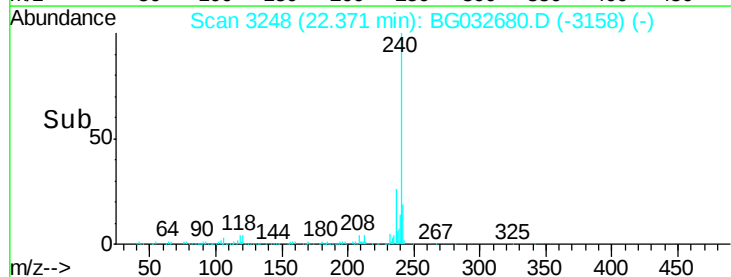
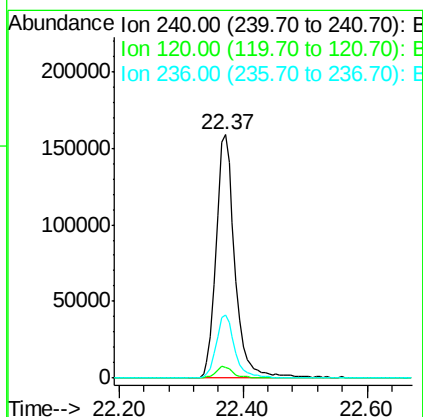
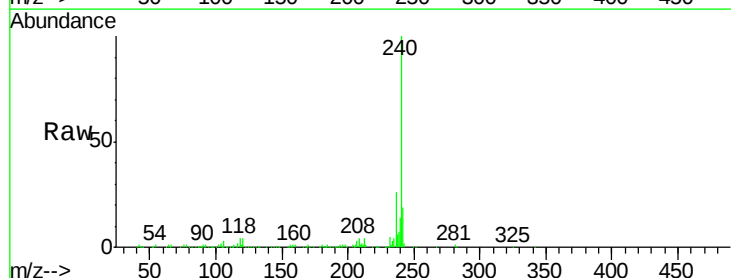
Instrument :
BNA_G
ClientSampleId :
RO-1-2

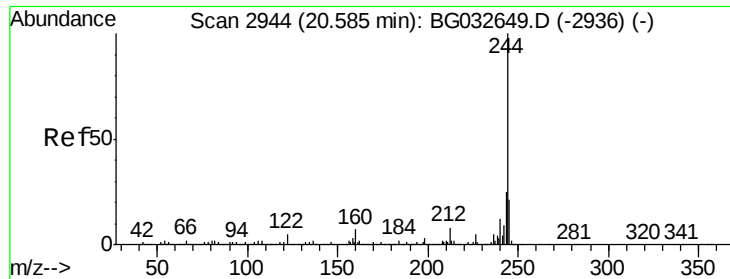
Tot Ion:188 Resp: 242796
Ion Ratio Lower Upper
188 100
94 4.2 6.9 10.3#
80 4.1 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.37 min Scan# 3248
Delta R.T. -0.00 min
Lab File: BG032680.D
Acq: 14 Feb 2018 6:22

Tgt Ion:240 Resp: 334078
Ion Ratio Lower Upper
240 100
120 4.4 6.8 10.2#
236 26.1 20.9 31.3





#78

Terphenyl-d14

Concen: 102.862 ng

RT: 20.59 min Scan# 2945

Delta R.T. 0.01 min

Lab File: BG032680.D

Acq: 14 Feb 2018 6:22

Instrument :

BNA_G

ClientSampleId :

RO-1-2

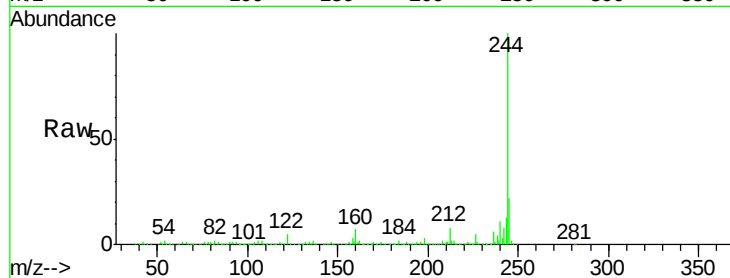
Tot Ion:244 Resp: 1507712

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.8

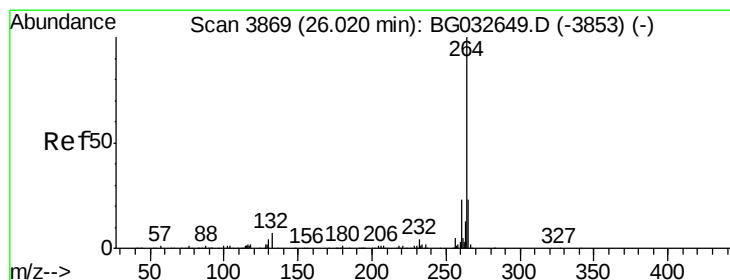
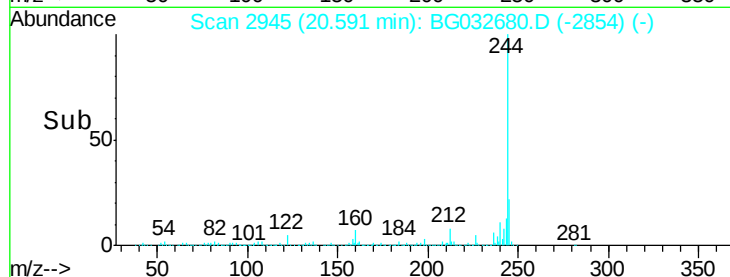
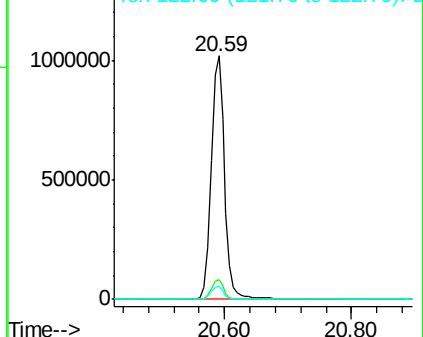
122 5.2 7.0 10.4#



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: 26.02 min Scan# 3869

Delta R.T. -0.00 min

Lab File: BG032680.D

Acq: 14 Feb 2018 6:22

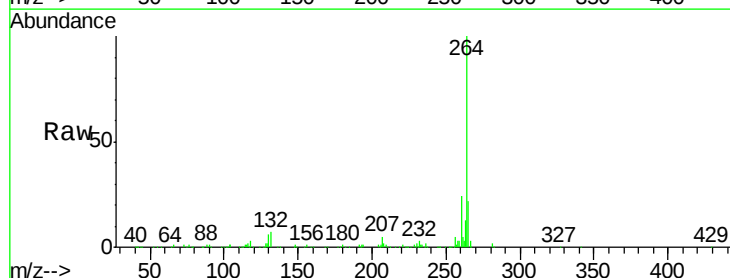
Tgt Ion:264 Resp: 331248

Ion Ratio Lower Upper

264 100

260 23.9 17.4 26.0

265 22.4 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

