

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030218\
 Data File : BG032969.D
 Acq On : 3 Mar 2018 6:43
 Operator : SJ/JU
 Sample : J1779-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DRUM-5

Quant Time: Mar 05 02:18:35 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 01 17:38:52 2018
 Response via : Initial Calibration

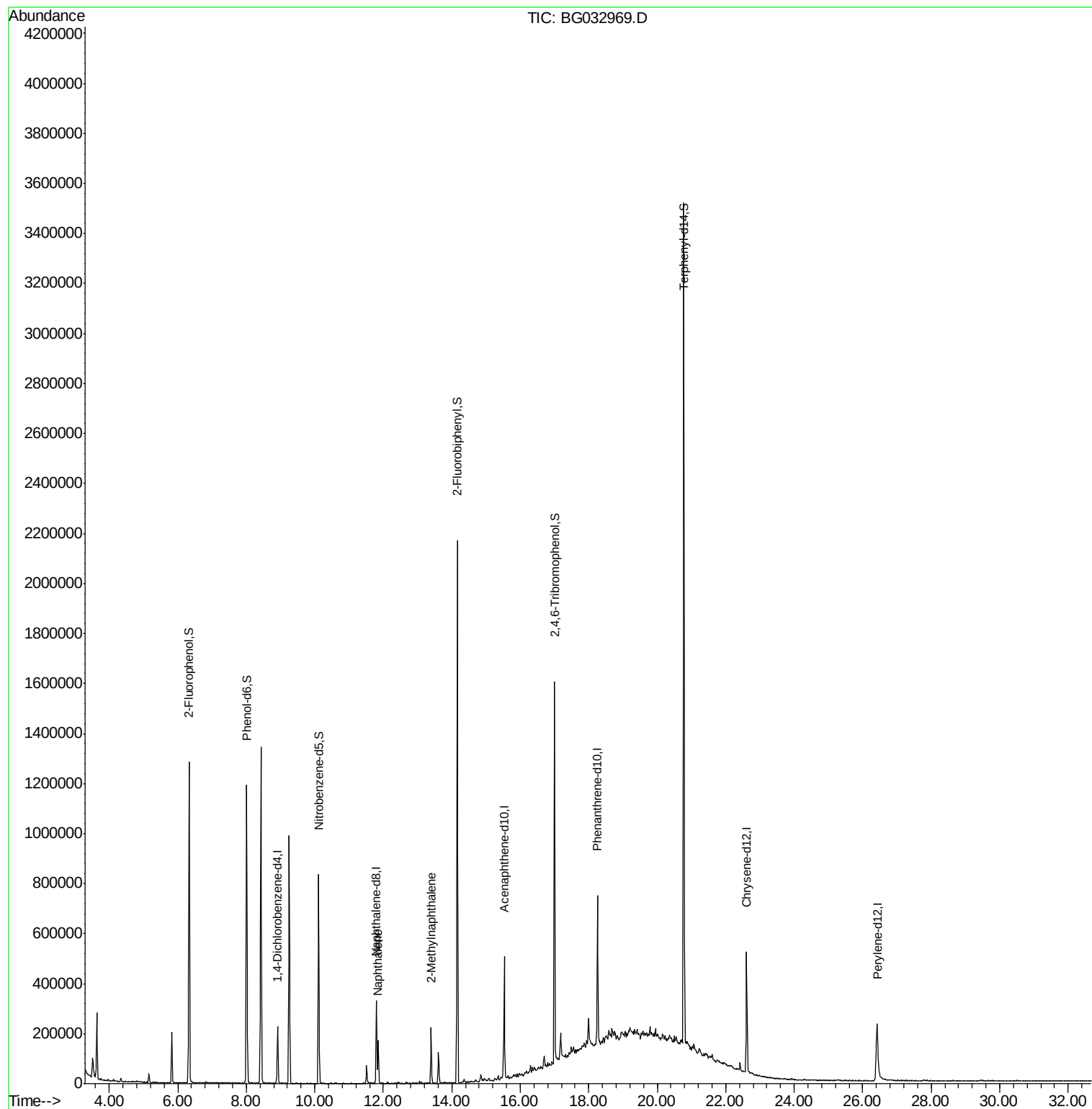
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	66664	20.00	ng	0.00
21) Naphthalene-d8	11.80	136	290951	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	163405	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	354026	20.00	ng	0.00
75) Chrysene-d12	22.61	240	338609	20.00	ng	0.00
86) Perylene-d12	26.42	264	312522	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.33	112	594613	142.70	ng	0.00
7) Phenol-d6	8.01	99	733814	126.34	ng	0.00
23) Nitrobenzene-d5	10.11	82	521950	119.89	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	268256	156.13	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	1104919	97.52	ng	0.00
78) Terphenyl-d14	20.78	244	1545364	102.54	ng	0.00
Target Compounds						
31) Naphthalene	11.85	128	152300	10.018	ng	98
37) 2-Methylnaphthalene	13.40	142	112012	10.184	ng	92

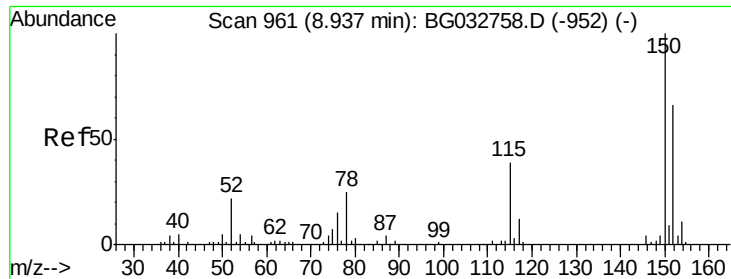
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 01 17:38:52 2018
Response via : Initial Calibration



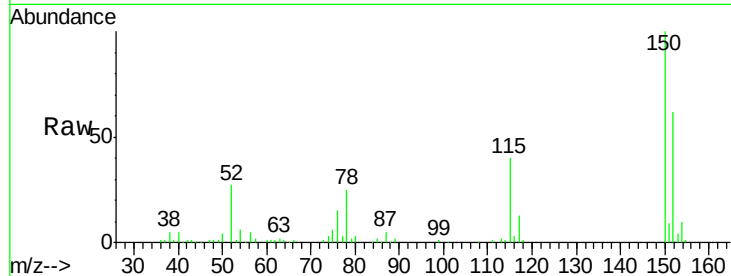


#1

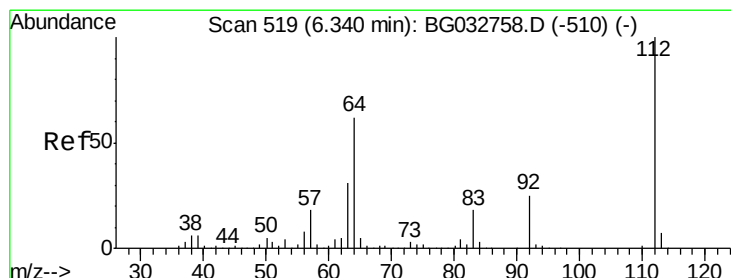
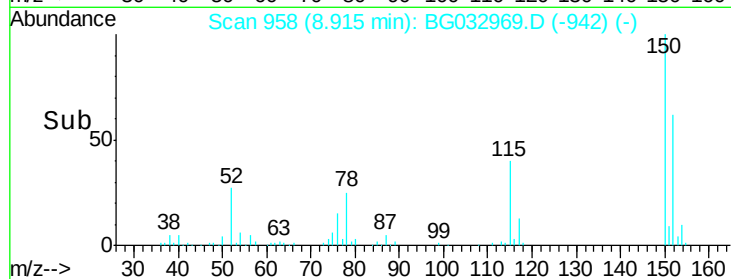
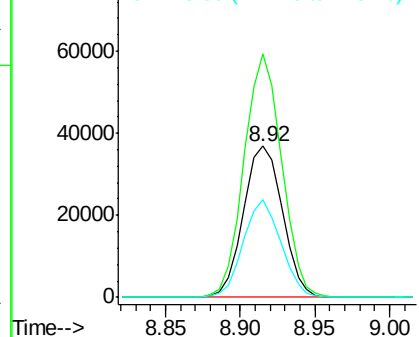
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.92 min Scan# 958
Delta R.T. -0.01 min
Lab File: BG032969.D
Acq: 3 Mar 2018 6:43

Instrument :
BNA_G
ClientSampleId :
DRUM-5

Tot Ion:152 Resp: 66664
Ion Ratio Lower Upper
152 100
150 161.3 126.6 189.8
115 64.9 53.0 79.4



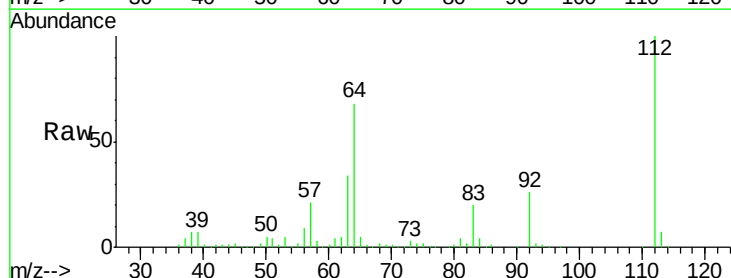
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



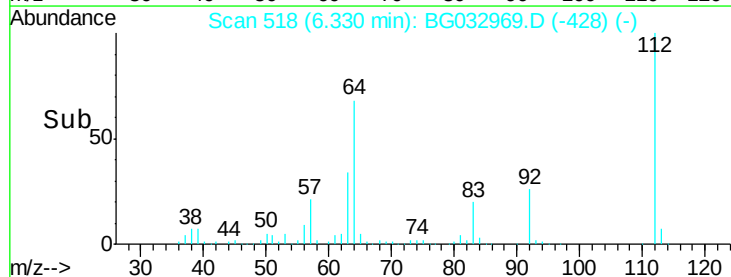
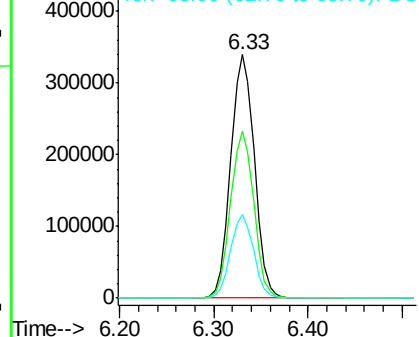
#5

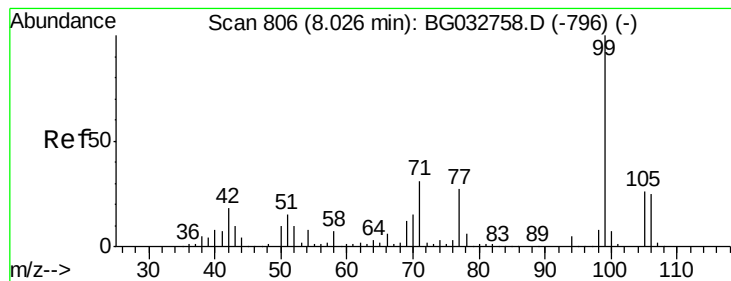
2-Fluorophenol
Concen: 142.700 ng
RT: 6.33 min Scan# 518
Delta R.T. 0.00 min
Lab File: BG032969.D
Acq: 3 Mar 2018 6:43

Tgt Ion:112 Resp: 594613
Ion Ratio Lower Upper
112 100
64 68.5 56.3 84.5
63 34.4 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: 126.344 ng

RT: 8.01 min Scan# 804

Delta R.T. -0.01 min

Lab File: BG032969.D

Acq: 3 Mar 2018 6:43

Instrument :

BNA_G

ClientSampled :

DRUM-5

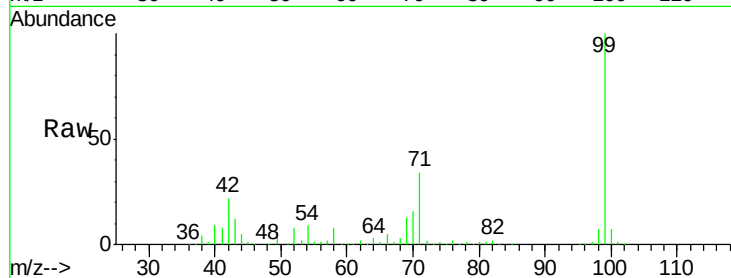
Tot Ion: 99 Resp: 733814

Ion Ratio Lower Upper

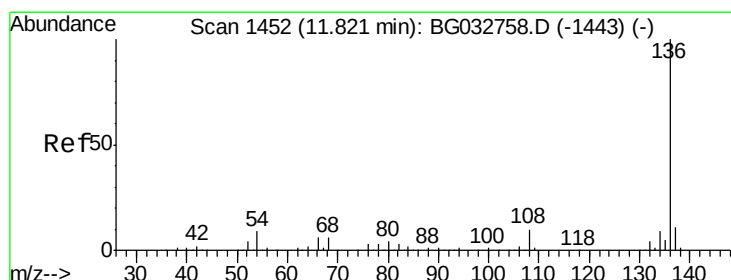
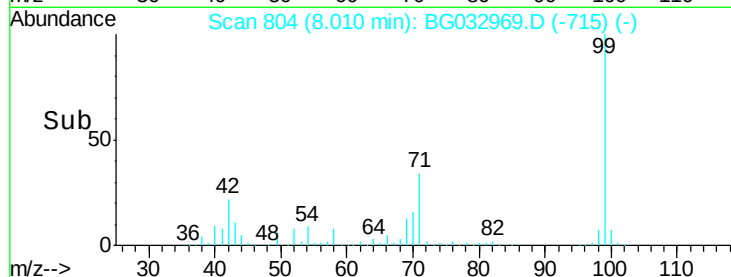
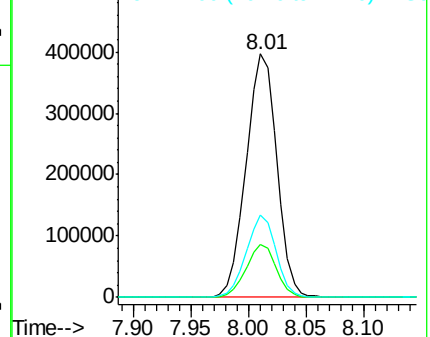
99 100

42 21.5 14.1 21.1#

71 33.9 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: 11.80 min Scan# 1449

Delta R.T. -0.01 min

Lab File: BG032969.D

Acq: 3 Mar 2018 6:43

Tgt Ion: 136 Resp: 290951

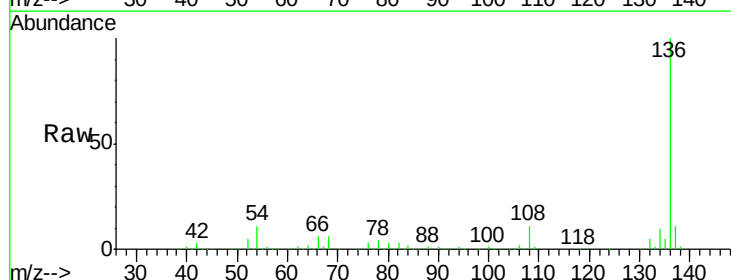
Ion Ratio Lower Upper

136 100

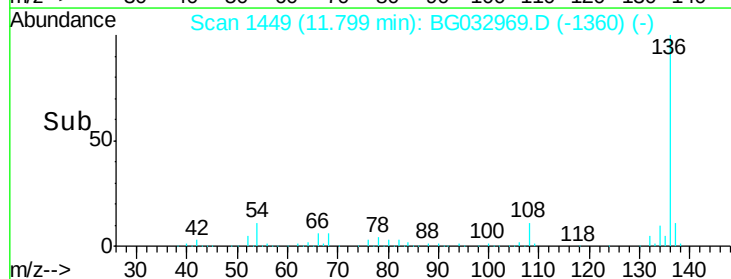
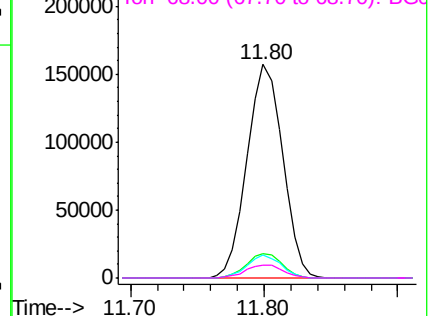
137 11.5 9.2 13.8

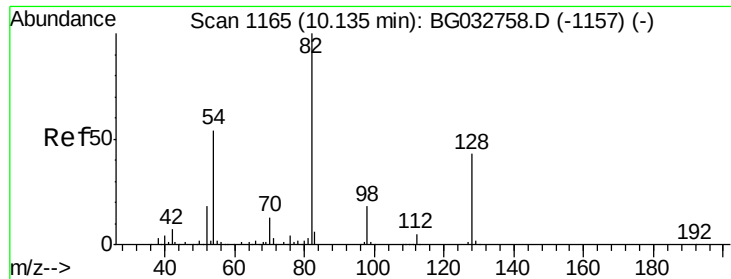
54 10.7 10.3 15.5

68 6.2 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

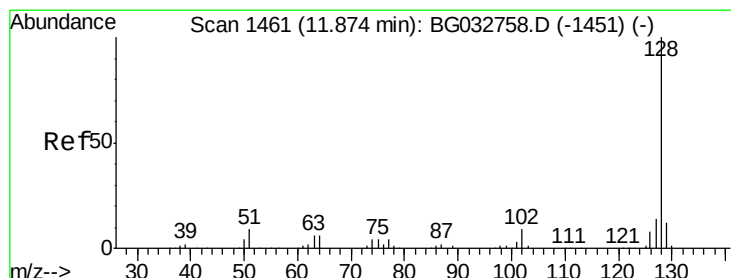
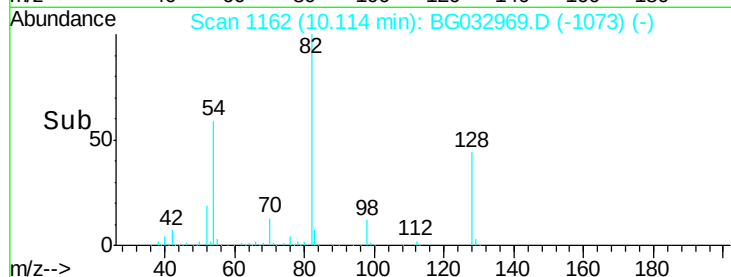
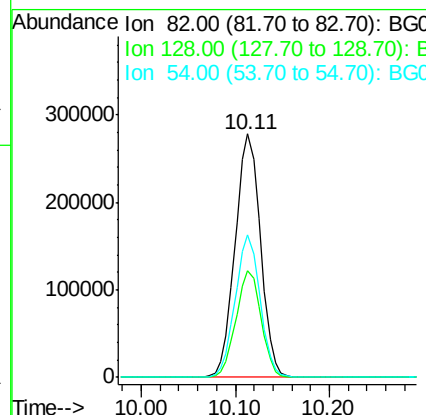
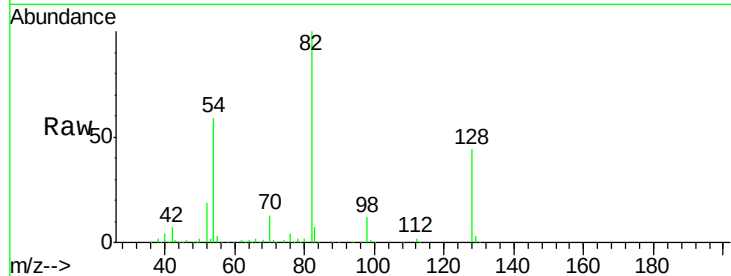




#23
 Nitrobenzene-d5
 Concen: 119.886 ng
 RT: 10.11 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: BG032969.D
 Acq: 3 Mar 2018 6:43

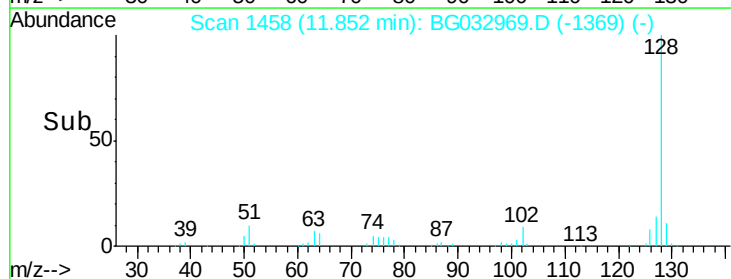
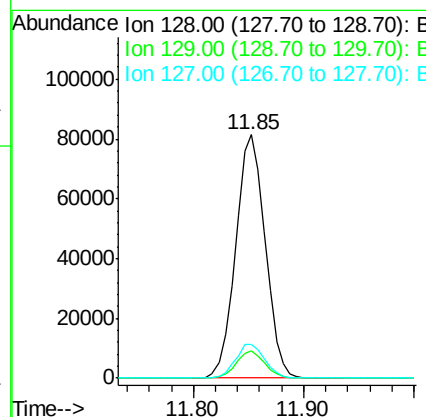
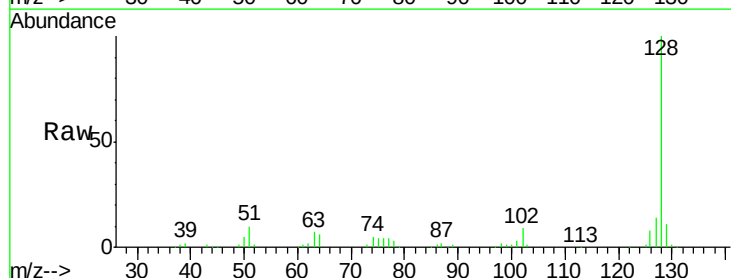
Instrument :
 BNA_G
 ClientSampled :
 DRUM-5

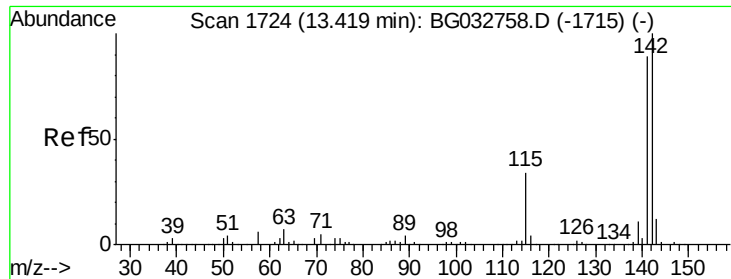
Tot Ion	82	Resp	521950
Ion Ratio	Lower	Upper	
82	100		
128	43.6	29.7	44.5
54	58.6	43.1	64.7



#31
 Naphthalene
 Concen: 10.018 ng
 RT: 11.85 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BG032969.D
 Acq: 3 Mar 2018 6:43

Tgt Ion	128	Resp	152300
Ion Ratio	Lower	Upper	
128	100		
129	11.3	8.6	12.8
127	13.7	11.6	17.4

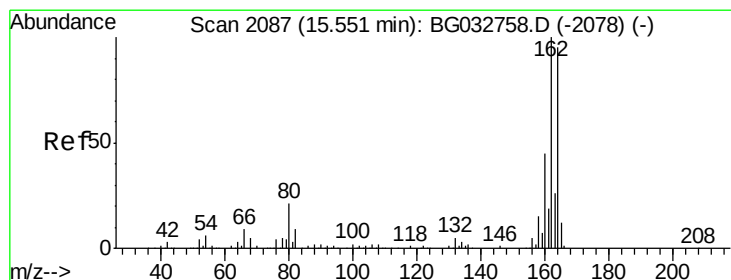
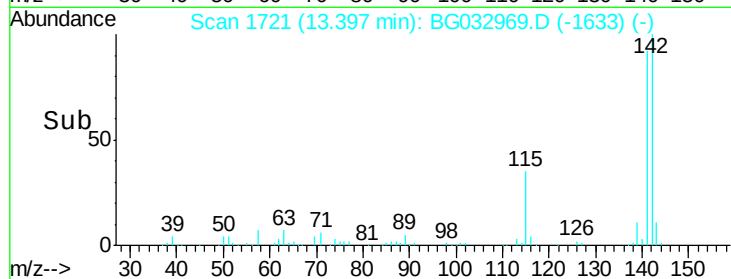
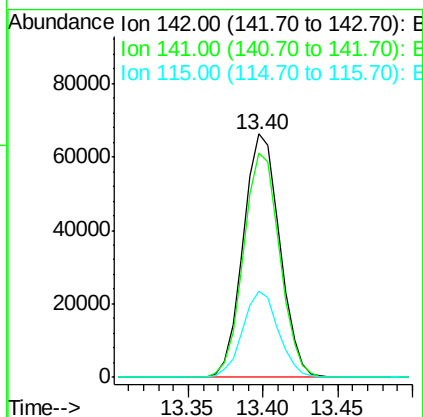
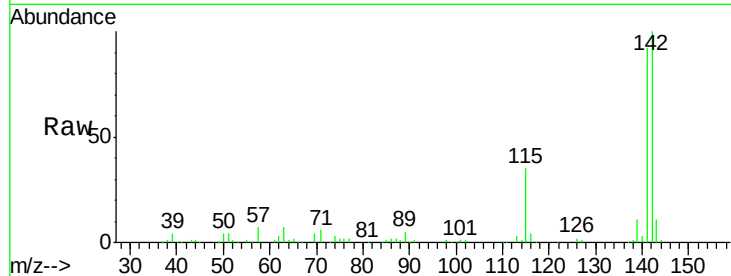




#37
2-Methylnaphthalene
Concen: 10.184 ng
RT: 13.40 min Scan# 1721
Delta R.T. -0.01 min
Lab File: BG032969.D
Acq: 3 Mar 2018 6:43

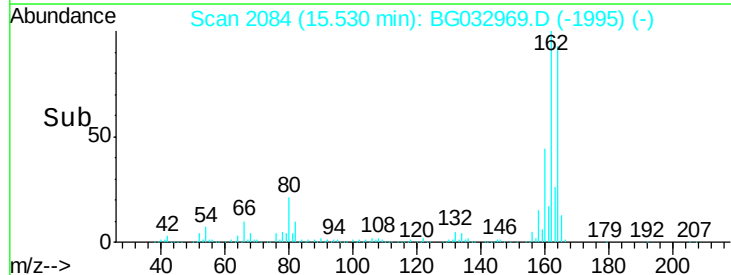
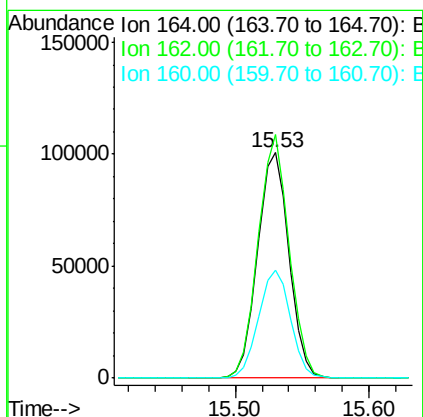
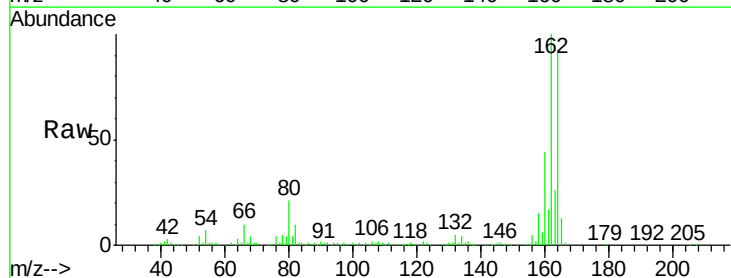
Instrument :
BNA_G
ClientSampleId :
DRUM-5

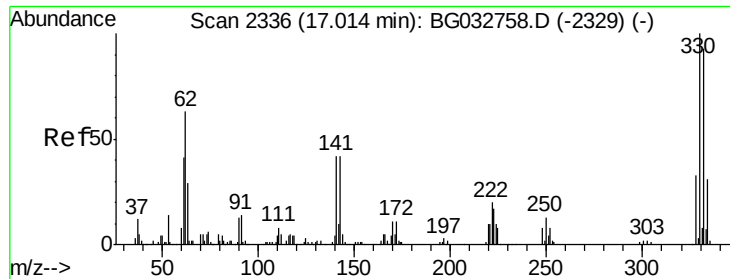
Tot Ion:142 Resp: 112012
Ion Ratio Lower Upper
142 100
141 91.9 67.1 100.7
115 35.4 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.53 min Scan# 2084
Delta R.T. -0.01 min
Lab File: BG032969.D
Acq: 3 Mar 2018 6:43

Tgt Ion:164 Resp: 163405
Ion Ratio Lower Upper
164 100
162 108.0 78.8 118.2
160 47.8 35.4 53.0

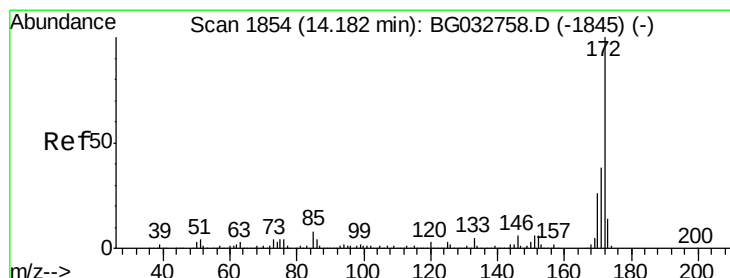
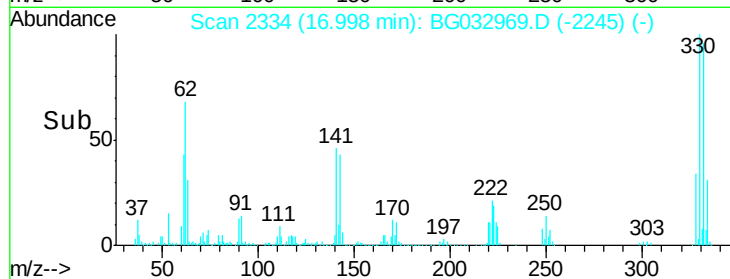
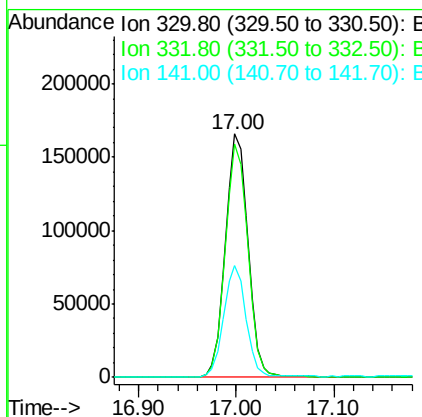
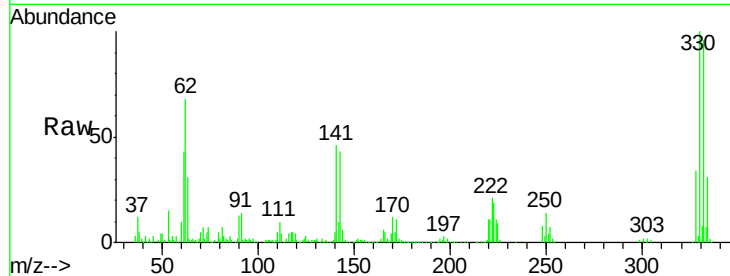




#41
 2,4,6-Tribromophenol
 Concen: 156.131 ng
 RT: 17.00 min Scan# 2334
 Delta R.T. -0.01 min
 Lab File: BG032969.D
 Acq: 3 Mar 2018 6:43

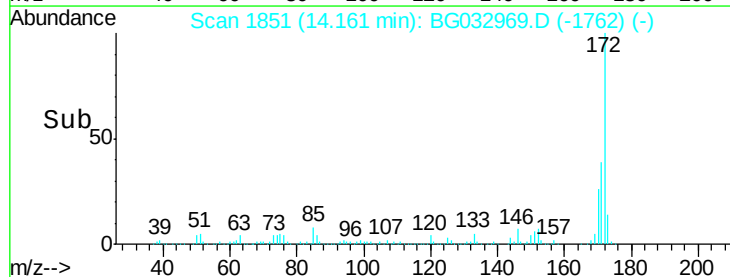
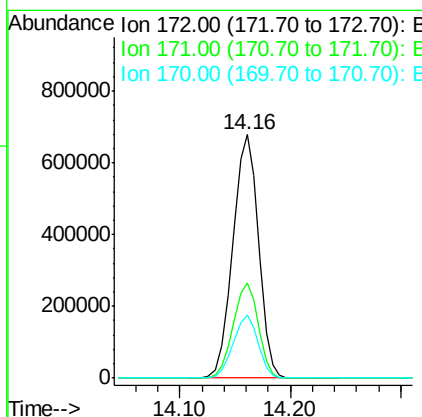
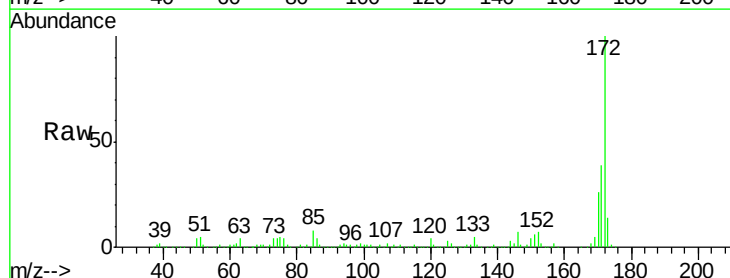
Instrument :
 BNA_G
 ClientSampleId :
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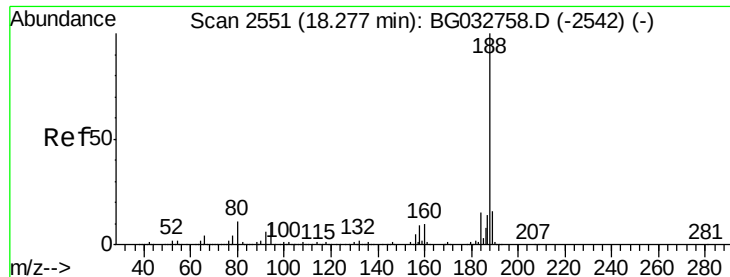
Tot Ion:330 Resp: 268256
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 45.1 25.2 37.8#



#44
 2-Fluorobiphenyl
 Concen: 97.523 ng
 RT: 14.16 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BG032969.D
 Acq: 3 Mar 2018 6:43

Tgt Ion:172 Resp: 1104919
 Ion Ratio Lower Upper
 172 100
 171 39.1 30.0 45.0
 170 25.9 19.5 29.3

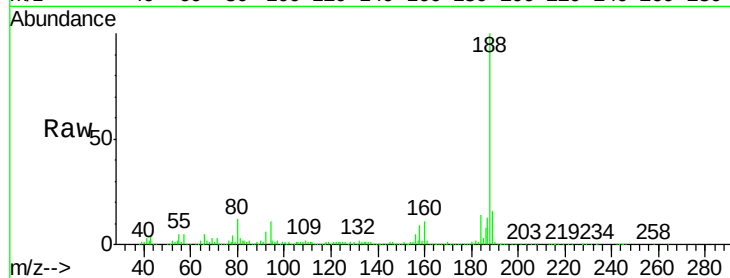




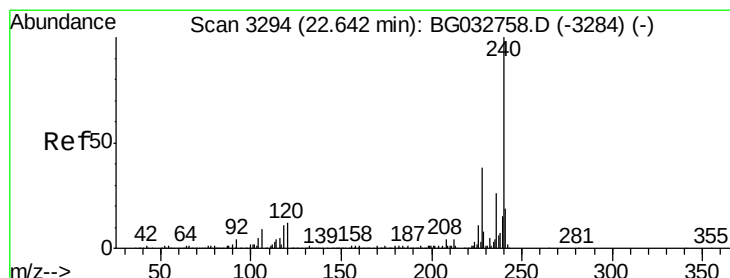
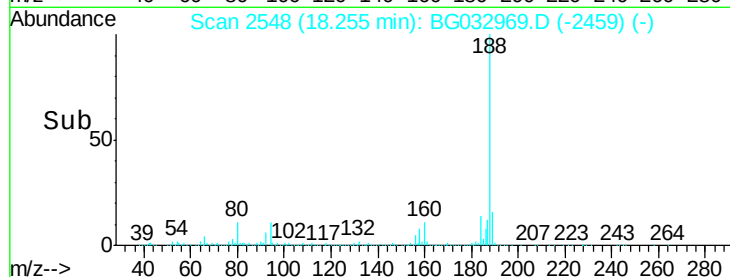
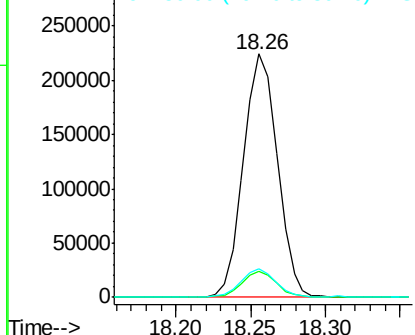
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.26 min Scan# 2548
Delta R.T. -0.01 min
Lab File: BG032969.D
Acq: 3 Mar 2018 6:43

Instrument :
BNA_G
ClientSampleId :
DRUM-5

Tot Ion:188 Resp: 354026
Ion Ratio Lower Upper
188 100
94 10.9 6.9 10.3#
80 11.6 7.7 11.5#

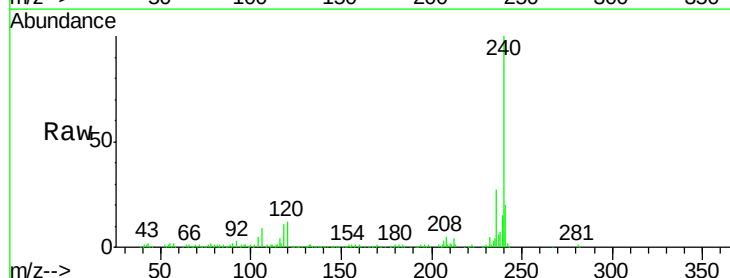


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

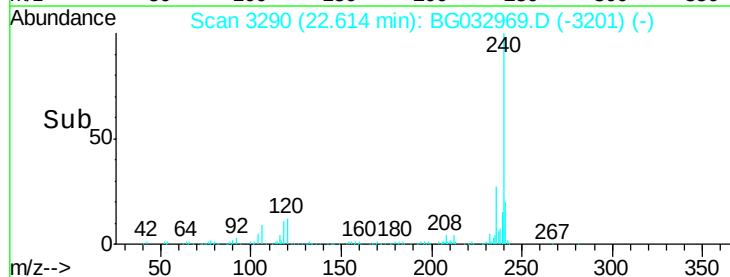
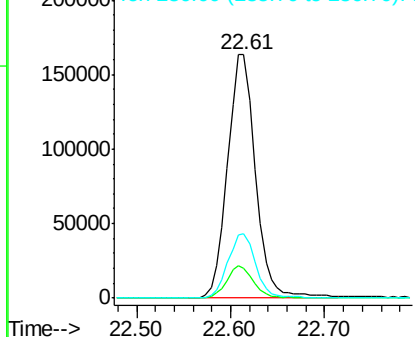


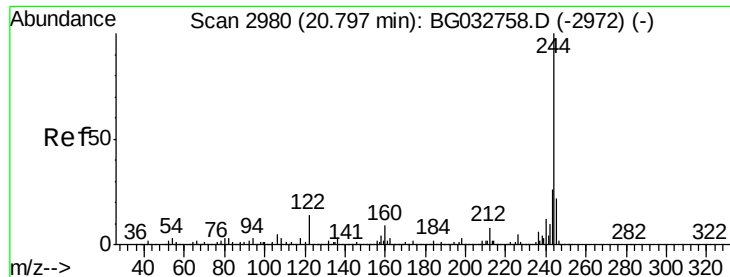
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.61 min Scan# 3290
Delta R.T. -0.01 min
Lab File: BG032969.D
Acq: 3 Mar 2018 6:43

Tgt Ion:240 Resp: 338609
Ion Ratio Lower Upper
240 100
120 12.0 6.8 10.2#
236 26.6 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: 102.538 ng

RT: 20.78 min Scan# 2977

Delta R.T. 0.00 min

Lab File: BG032969.D

Acq: 3 Mar 2018 6:43

Instrument :

BNA_G

ClientSampled :

DRUM-5

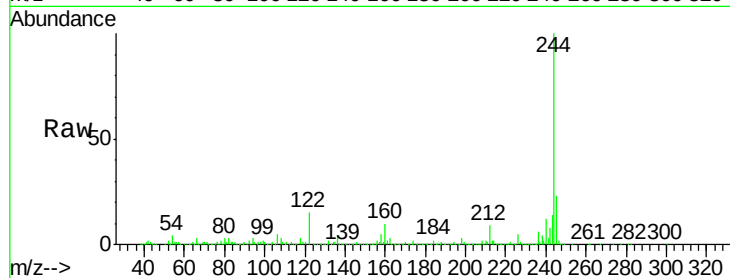
Tot Ion:244 Resp: 1545364

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8

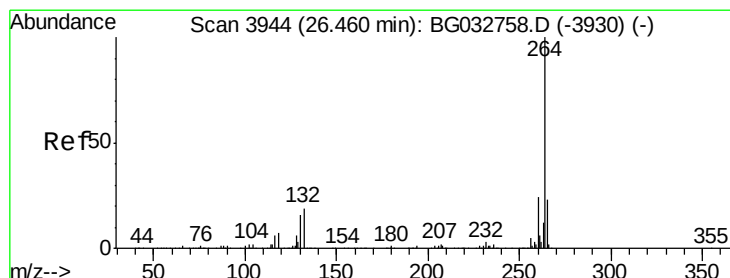
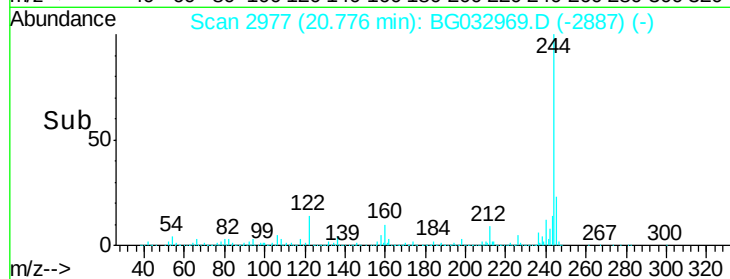
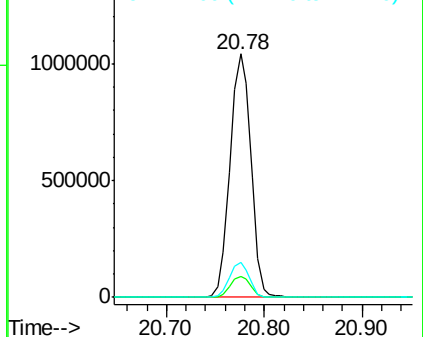
122 14.5 7.0 10.4#



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: 26.42 min Scan# 3938

Delta R.T. -0.01 min

Lab File: BG032969.D

Acq: 3 Mar 2018 6:43

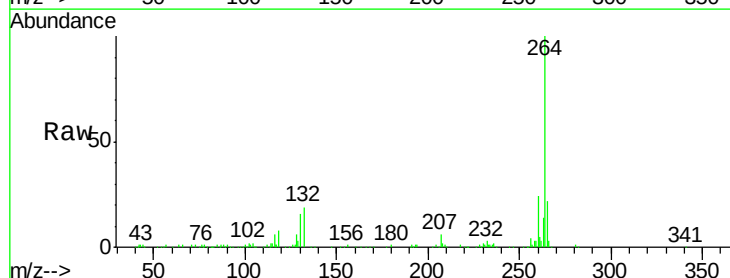
Tgt Ion:264 Resp: 312522

Ion Ratio Lower Upper

264 100

260 23.6 17.4 26.0

265 22.1 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

