

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG073018\
 Data File : BG035972.D
 Acq On : 30 Jul 2018 12:27
 Operator : JU/SJ
 Sample : J4161-02 10X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OIL

Quant Time: Jul 30 13:03:56 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 25 11:04:14 2018
 Response via : Initial Calibration

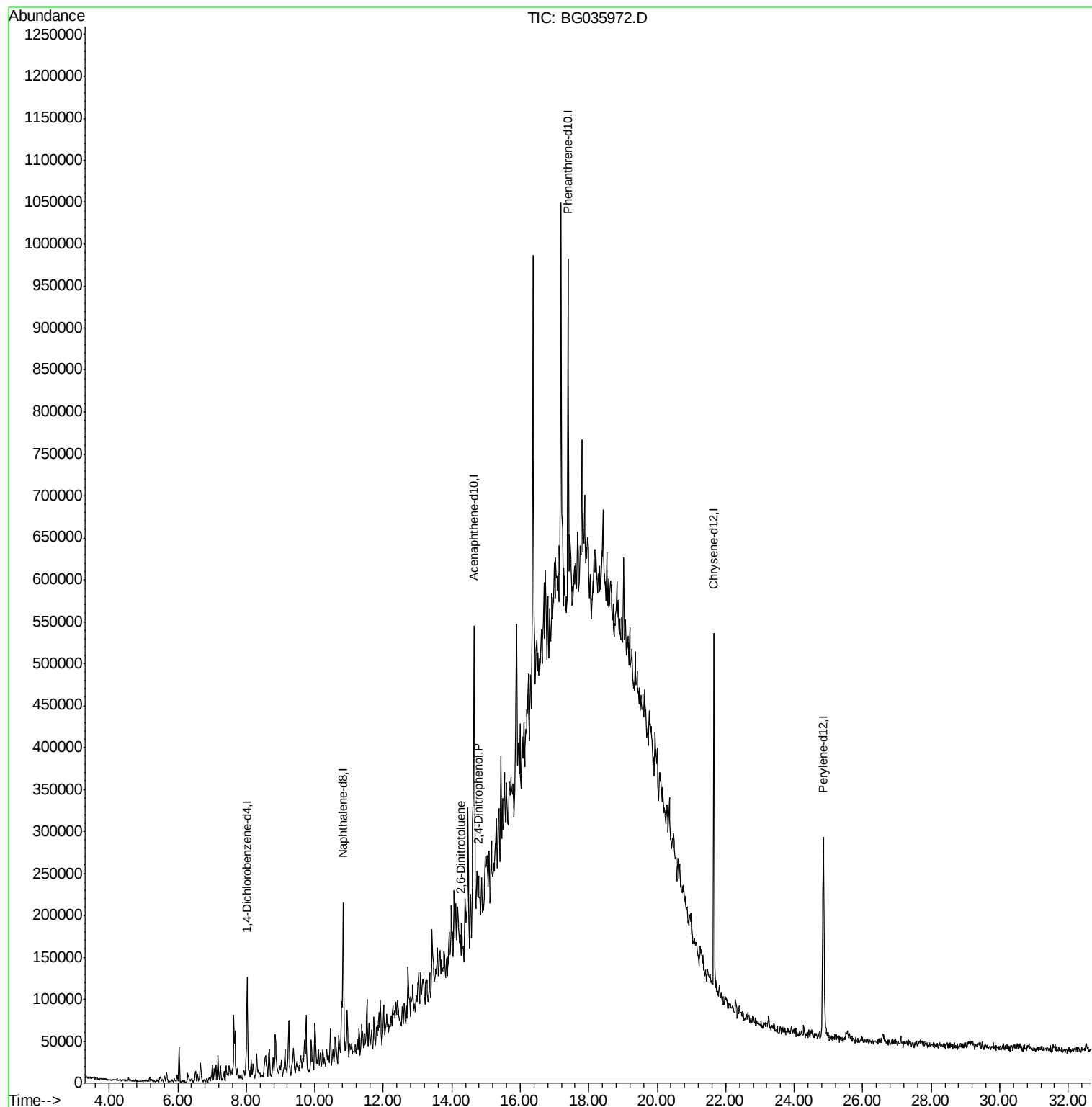
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	37212	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	142172	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	102286	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	241802	20.00	ng	0.00
75) Chrysene-d12	21.65	240	273445	20.00	ng	0.00
86) Perylene-d12	24.85	264	274547	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1657	0.74	ng	0.01
7) Phenol-d6	7.19	99	67	0.02	ng	0.00
23) Nitrobenzene-d5	9.23	82	511	0.15	ng	0.05
41) 2,4,6-Tribromophenol	16.16	330	152	0.11	ng	0.02
44) 2-Fluorobiphenyl	13.27	172	8028	1.05	ng	0.00
78) Terphenyl-d14	20.00	244	13397	1.08	ng	0.00
Target Compounds						
50) 2,6-Dinitrotoluene	14.26	165	3907	2.141	ng	# 30
53) 2,4-Dinitrophenol	14.76	184	53	6.634	ng	# 73

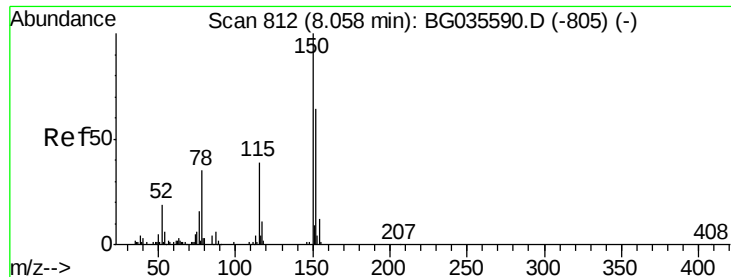
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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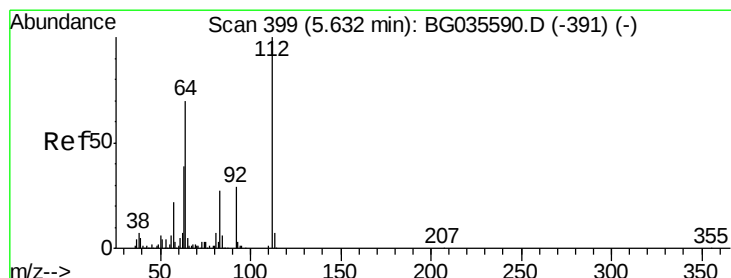
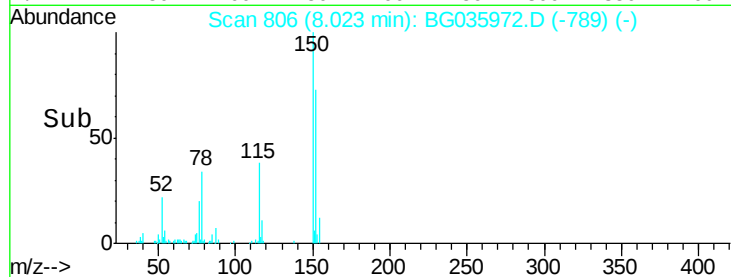
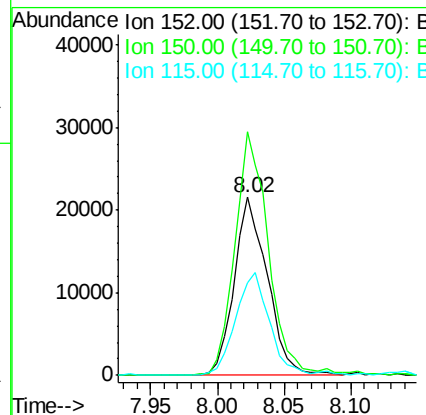
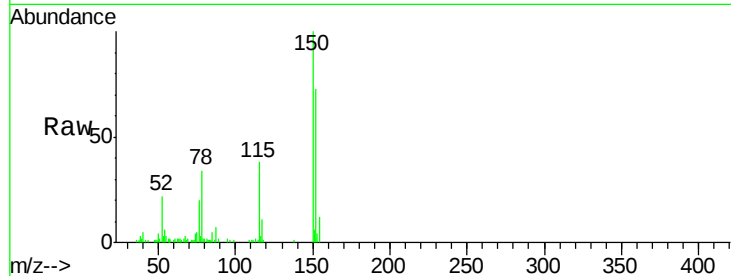


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG035972.D
Acq: 30 Jul 2018 12:27

Instrument :
BNA_G
ClientSampleId :
OIL

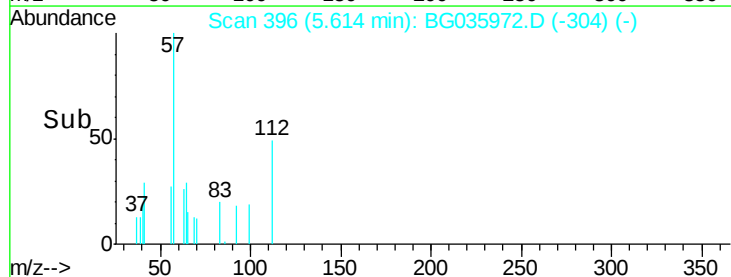
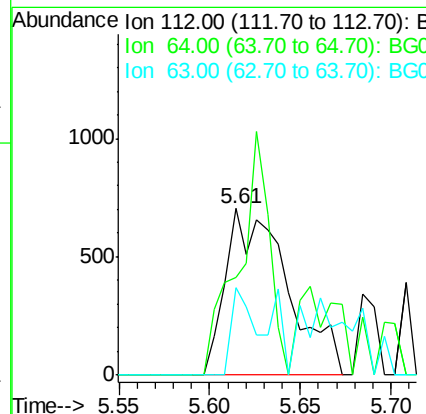
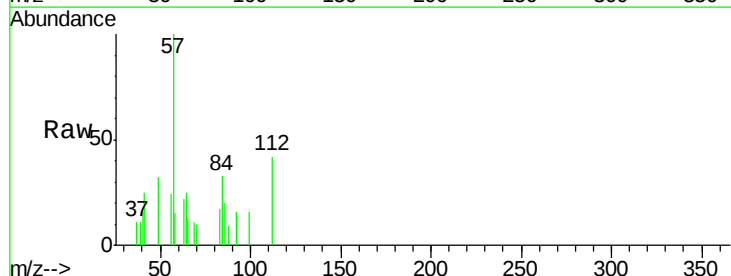
Tgt Ion:152 Resp: 37212
Ion Ratio Lower Upper
152 100
150 136.7 126.6 189.8
115 52.0 53.0 79.4#

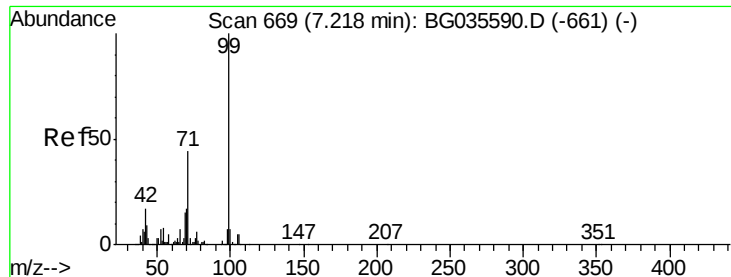


#5

2-Fluorophenol
Concen: 0.739 ng
RT: 5.61 min Scan# 396
Delta R.T. 0.01 min
Lab File: BG035972.D
Acq: 30 Jul 2018 12:27

Tgt Ion:112 Resp: 1657
Ion Ratio Lower Upper
112 100
64 58.6 56.3 84.5
63 52.8 30.1 45.1#





#7

Phenol-d6

Concen: 0.020 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.00 min

Lab File: BG035972.D

Acq: 30 Jul 2018 12:27

Instrument :

BNA_G

ClientSampleId :

OIL

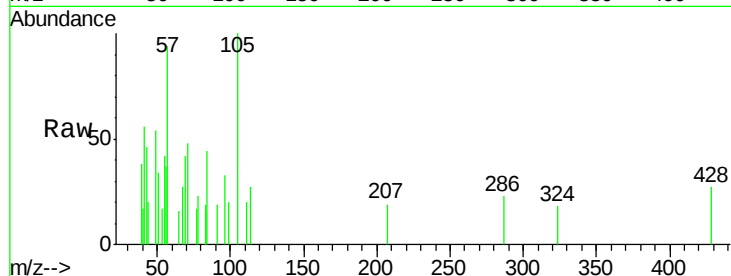
Tgt Ion: 99 Resp: 67

Ion Ratio Lower Upper

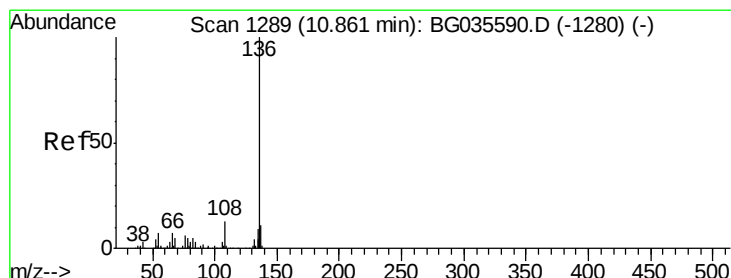
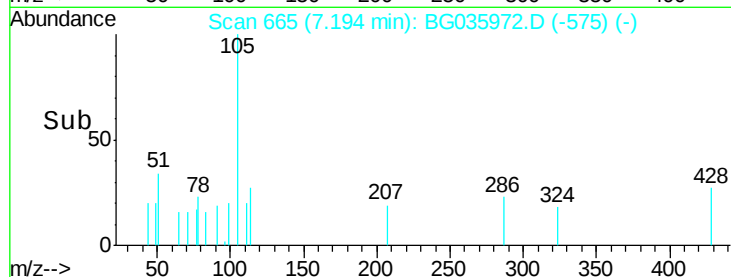
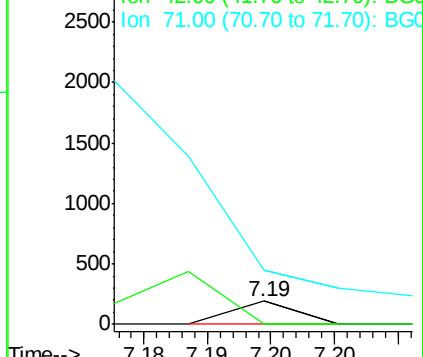
99 100

42 0.0 14.1 21.1#

71 233.7 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: 10.82 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BG035972.D

Acq: 30 Jul 2018 12:27

Tgt Ion: 136 Resp: 142172

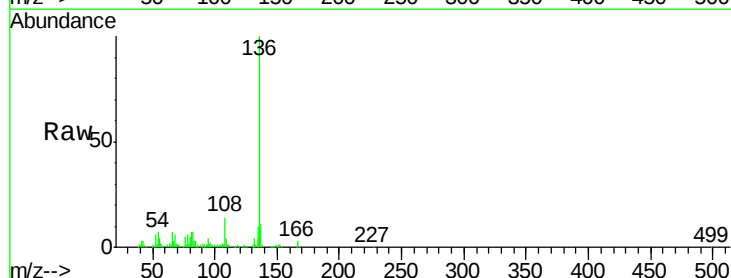
Ion Ratio Lower Upper

136 100

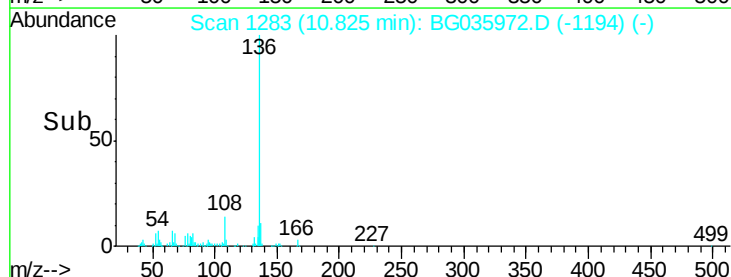
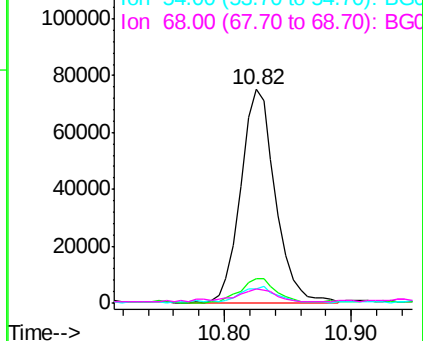
137 11.3 9.2 13.8

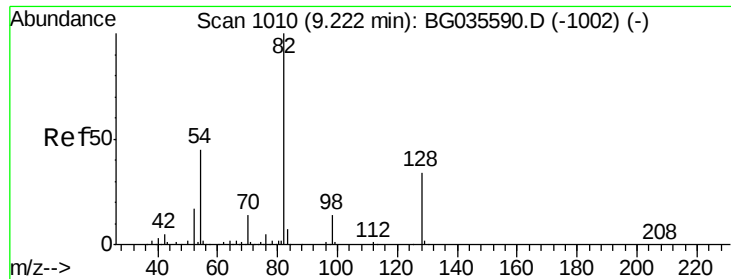
54 6.8 10.3 15.5#

68 6.4 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

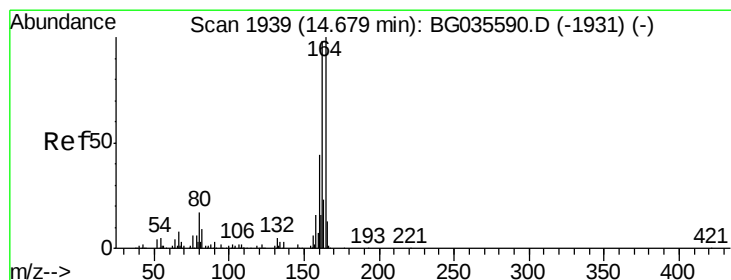
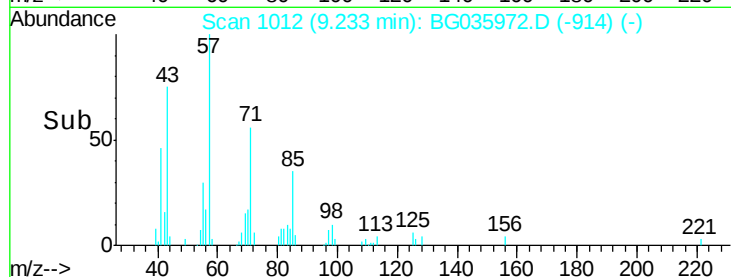
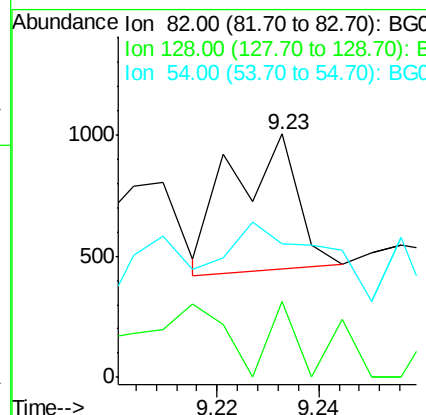
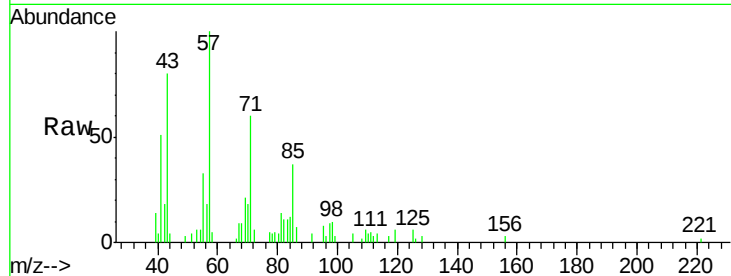




#23
 Nitrobenzene-d5
 Concen: 0.150 ng
 RT: 9.23 min Scan# 1012
 Delta R.T. 0.05 min
 Lab File: BG035972.D
 Acq: 30 Jul 2018 12:27

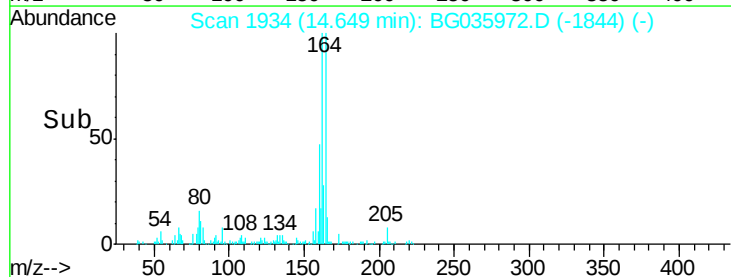
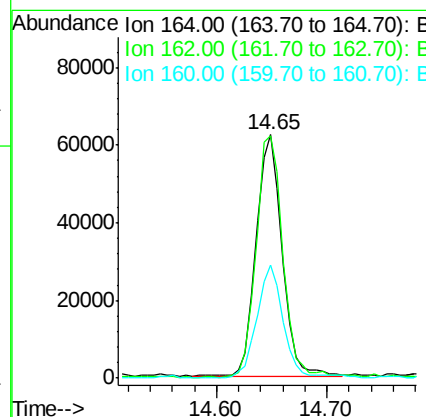
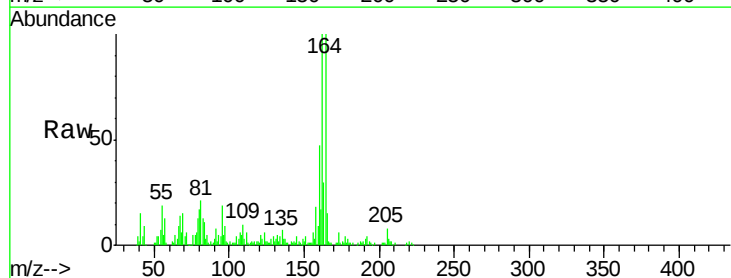
Instrument :
 BNA_G
 ClientSampleId :
 OIL

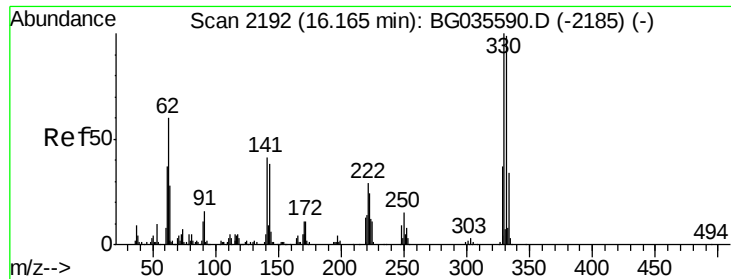
Tgt Ion: 82 Resp: 511
 Ion Ratio Lower Upper
 82 100
 128 31.1 29.7 44.5
 54 54.8 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.00 min
 Lab File: BG035972.D
 Acq: 30 Jul 2018 12:27

Tgt Ion: 164 Resp: 102286
 Ion Ratio Lower Upper
 164 100
 162 99.5 78.8 118.2
 160 46.6 35.4 53.0

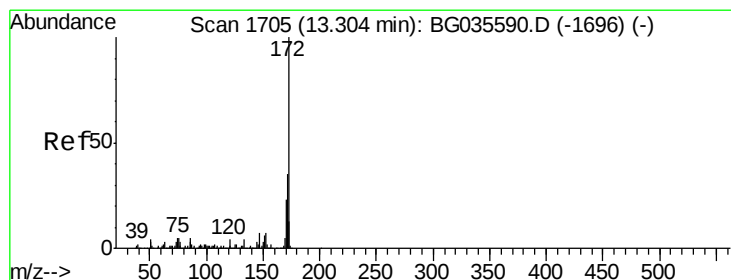
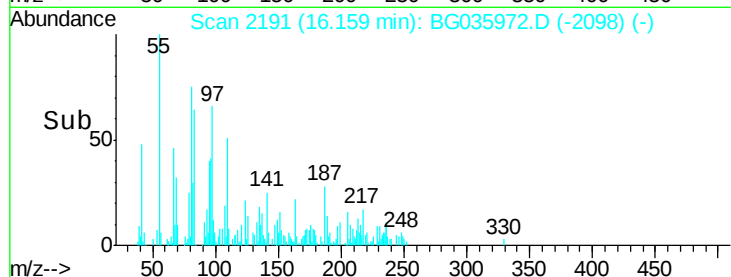
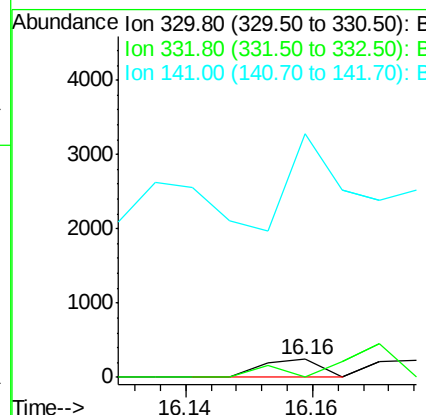
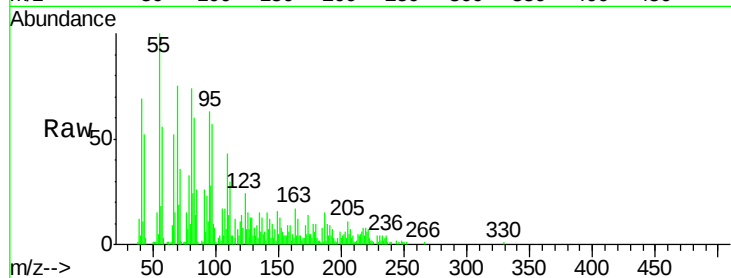




#41
 2,4,6-Tribromophenol
 Concen: 0.113 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. 0.02 min
 Lab File: BG035972.D
 Acq: 30 Jul 2018 12:27

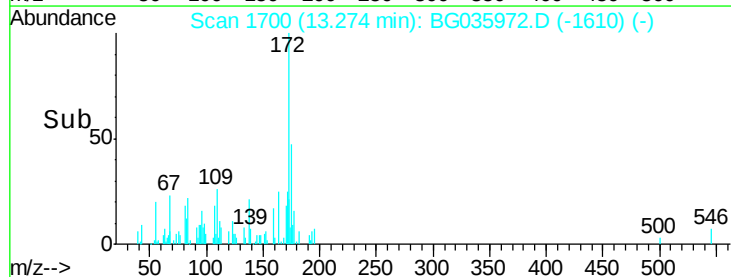
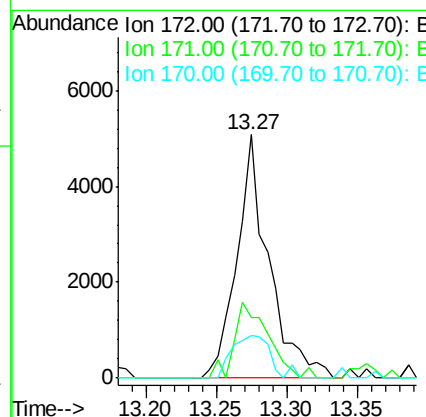
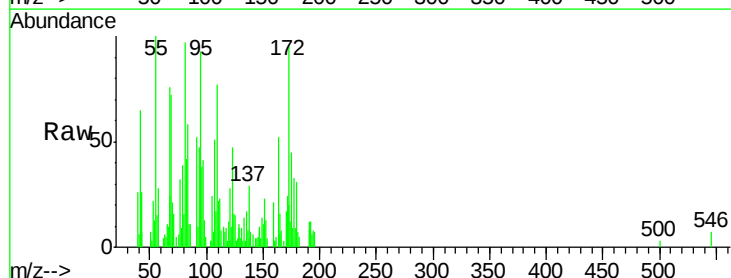
Instrument :
 BNA_G
 ClientSampleId :
 OIL

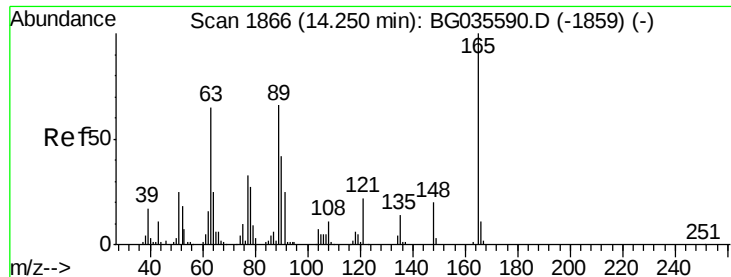
Tgt Ion:330 Resp: 152
 Ion Ratio Lower Upper
 330 100
 332 0.0 77.0 115.6#
 141 736.2 25.2 37.8#



#44
 2-Fluorobiphenyl
 Concen: 1.052 ng
 RT: 13.27 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: BG035972.D
 Acq: 30 Jul 2018 12:27

Tgt Ion:172 Resp: 8028
 Ion Ratio Lower Upper
 172 100
 171 25.1 30.0 45.0#
 170 17.7 19.5 29.3#

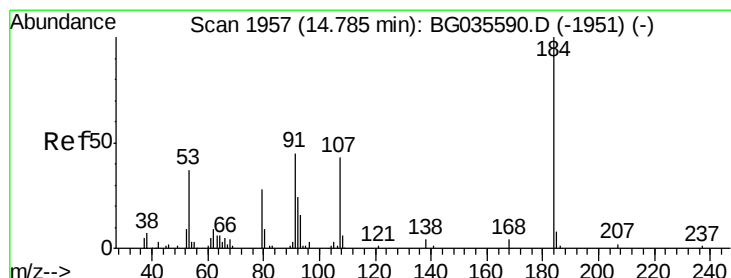
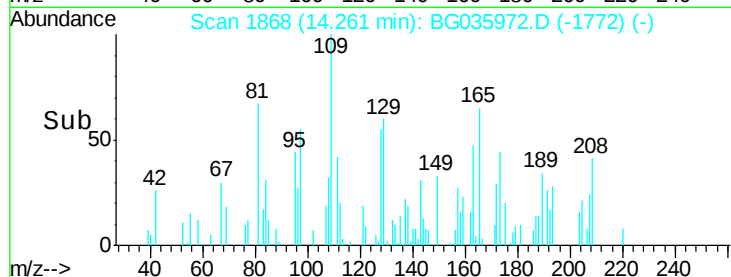
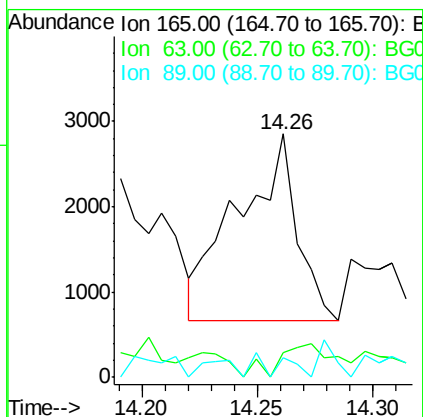
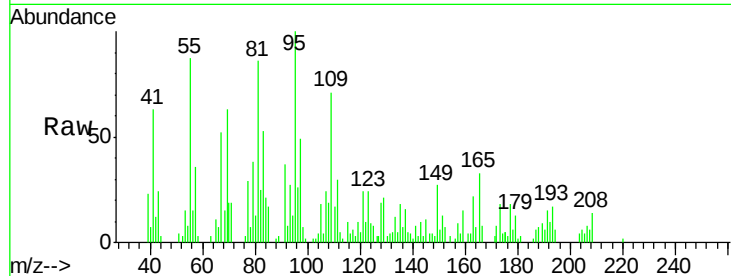




#50
 2,6-Dinitrotoluene
 Concen: 2.141 ng
 RT: 14.26 min Scan# 1868
 Delta R.T. 0.03 min
 Lab File: BG035972.D
 Acq: 30 Jul 2018 12:27

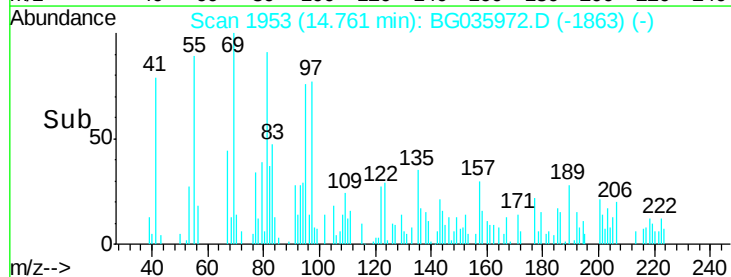
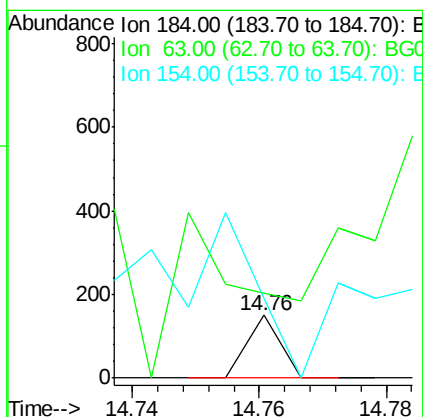
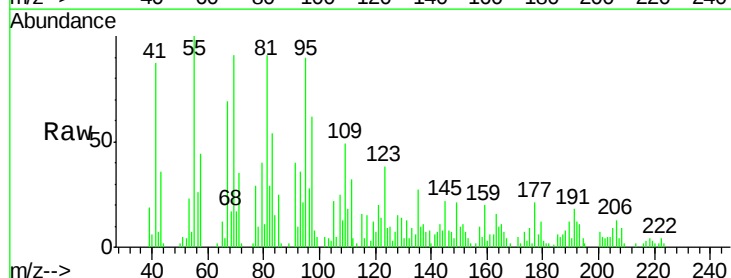
Instrument :
 BNA_G
 ClientSampleId :
 OIL

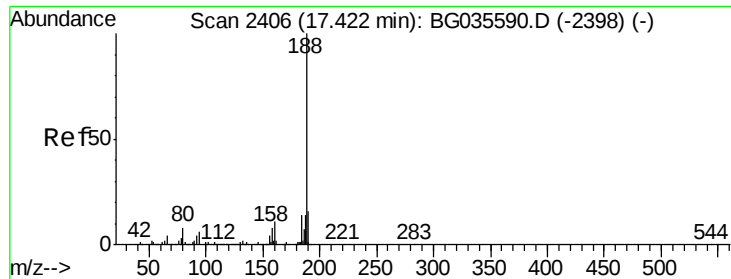
Tgt Ion:165 Resp: 3907
 Ion Ratio Lower Upper
 165 100
 63 10.4 52.7 79.1#
 89 8.2 49.2 73.8#



#53
 2,4-Dinitrophenol
 Concen: 6.634 ng
 RT: 14.76 min Scan# 1953
 Delta R.T. -0.00 min
 Lab File: BG035972.D
 Acq: 30 Jul 2018 12:27

Tgt Ion:184 Resp: 53
 Ion Ratio Lower Upper
 184 100
 63 135.1 59.8 89.8#
 154 126.5 101.8 152.8





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BG035972.D

Acq: 30 Jul 2018 12:27

Instrument :

BNA_G

ClientSampleId :

OIL

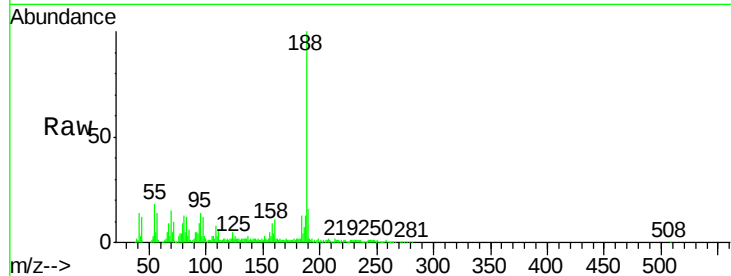
Tgt Ion:188 Resp: 241802

Ion Ratio Lower Upper

188 100

94 8.5 6.9 10.3

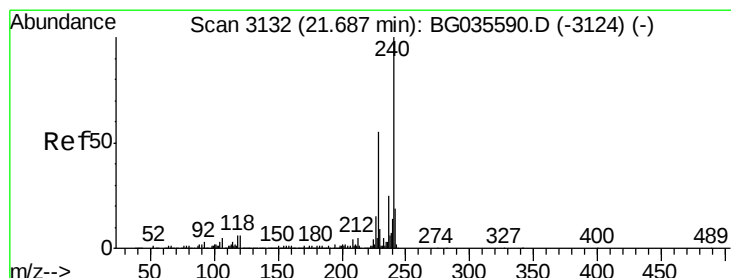
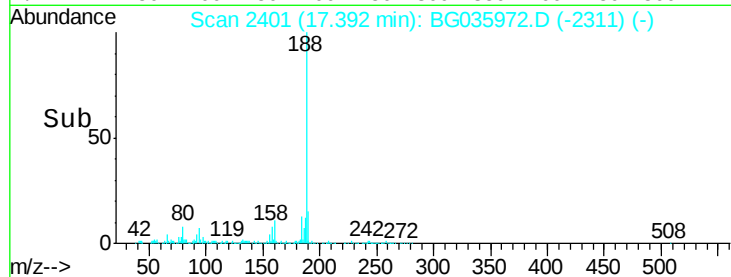
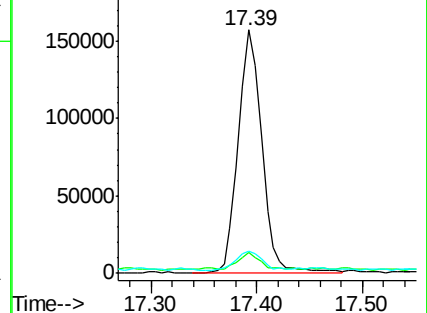
80 9.3 7.7 11.5



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: 21.65 min Scan# 3126

Delta R.T. -0.01 min

Lab File: BG035972.D

Acq: 30 Jul 2018 12:27

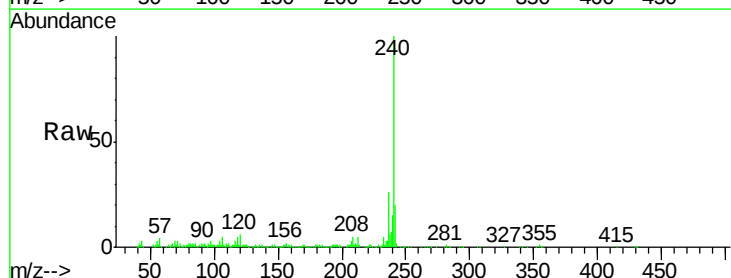
Tgt Ion:240 Resp: 273445

Ion Ratio Lower Upper

240 100

120 5.8 6.8 10.2#

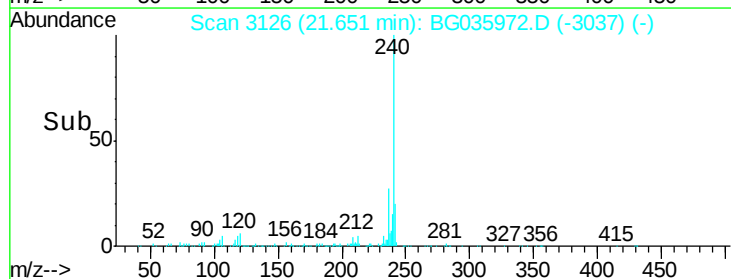
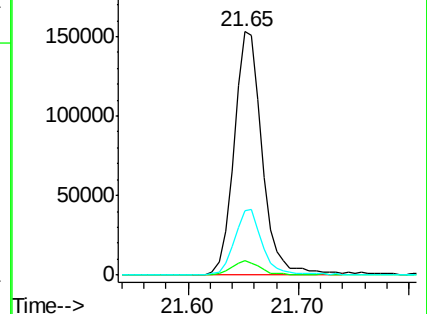
236 26.5 20.9 31.3

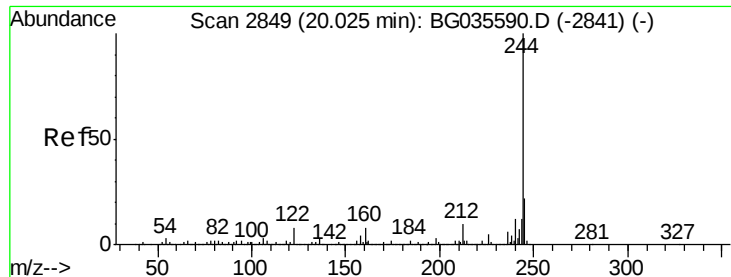


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 1.080 ng

RT: 20.00 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BG035972.D

Acq: 30 Jul 2018 12:27

Instrument :

BNA_G

ClientSampleId :

OIL

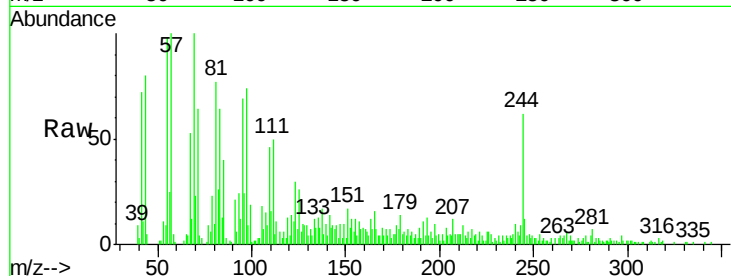
Tgt Ion:244 Resp: 13397

Ion Ratio Lower Upper

244 100

212 15.0 5.8 8.8#

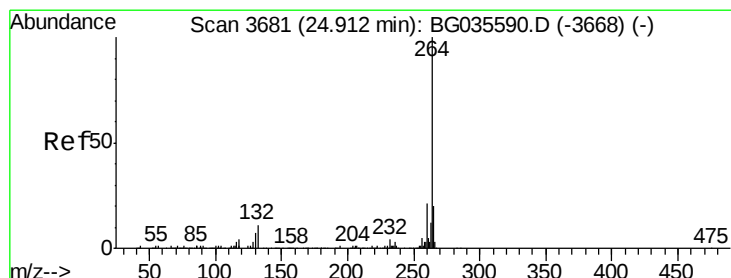
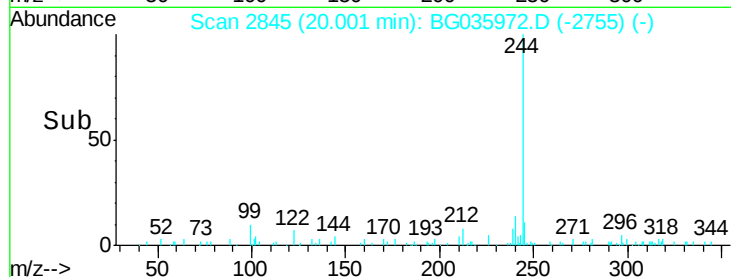
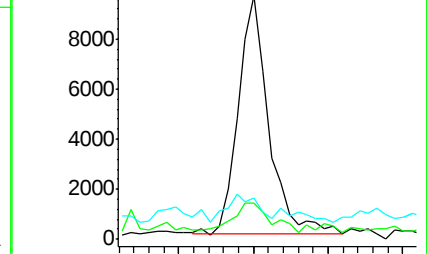
122 17.1 7.0 10.4#



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: 24.85 min Scan# 3670

Delta R.T. -0.01 min

Lab File: BG035972.D

Acq: 30 Jul 2018 12:27

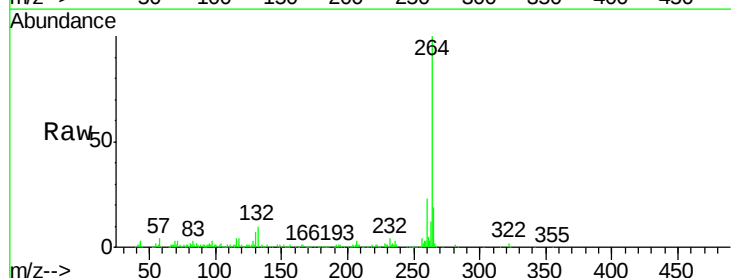
Tgt Ion:264 Resp: 274547

Ion Ratio Lower Upper

264 100

260 23.0 17.4 26.0

265 19.3 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

