

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031618\
 Data File : BG033197.D
 Acq On : 16 Mar 2018 13:32
 Operator : SJ/JU
 Sample : J1913-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OILY-STONES-124029

Quant Time: Mar 17 05:25:34 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 14 13:59:34 2018
 Response via : Initial Calibration

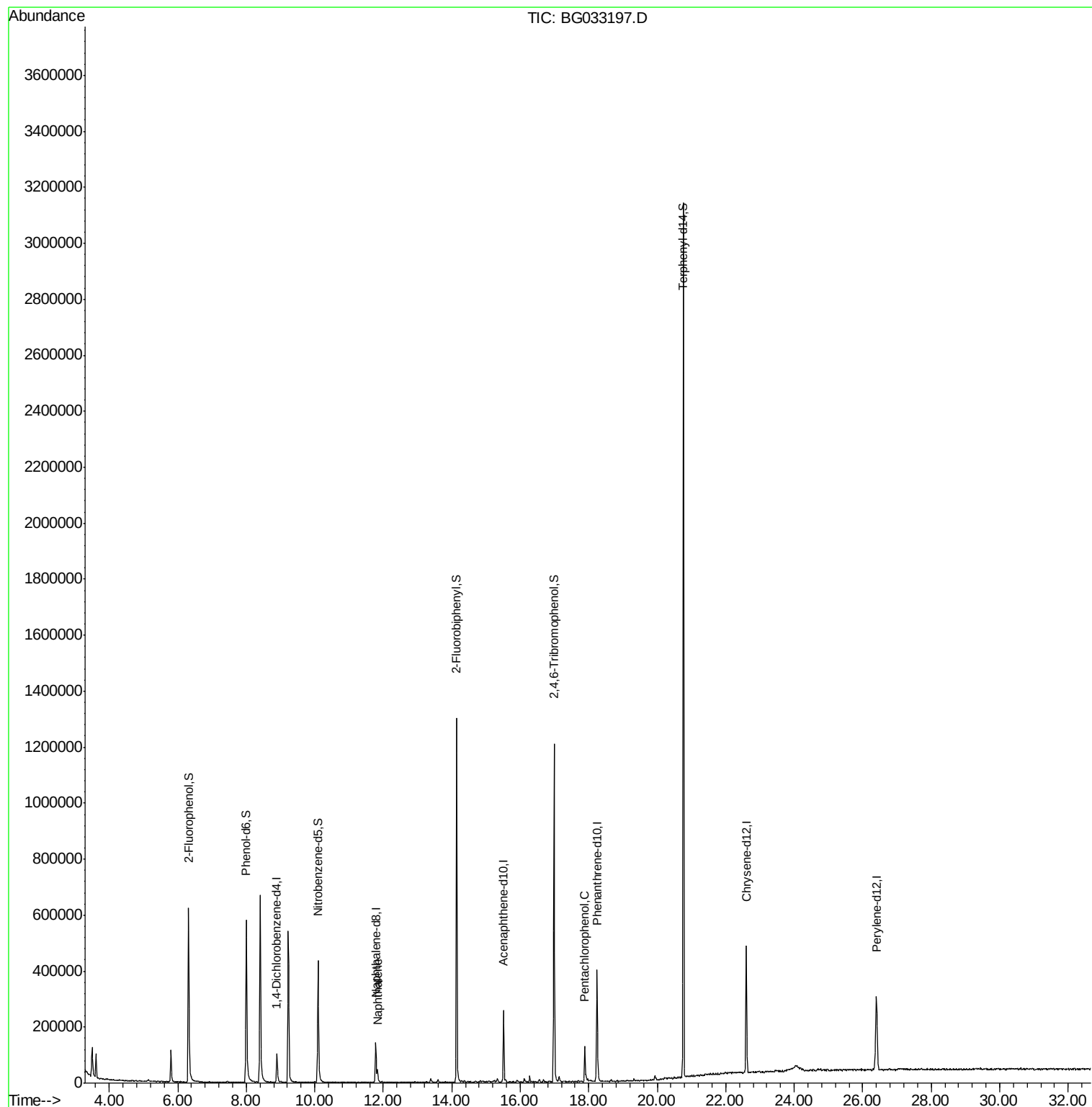
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.89	152	35912	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	131995	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	96228	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	276342	20.00	ng	0.00
75) Chrysene-d12	22.60	240	313094	20.00	ng	0.00
86) Perylene-d12	26.40	264	332167	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	307556	137.01	ng	0.00
7) Phenol-d6	8.00	99	407484	130.24	ng	-0.01
23) Nitrobenzene-d5	10.10	82	328569	162.51	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	245807	242.94	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	731946	109.70	ng	0.00
78) Terphenyl-d14	20.76	244	1554684	111.56	ng	0.00
Target Compounds						
31) Naphthalene	11.83	128	39032	5.659	ng	96
69) Pentachlorophenol	17.88	266	30967	15.569	ng	95

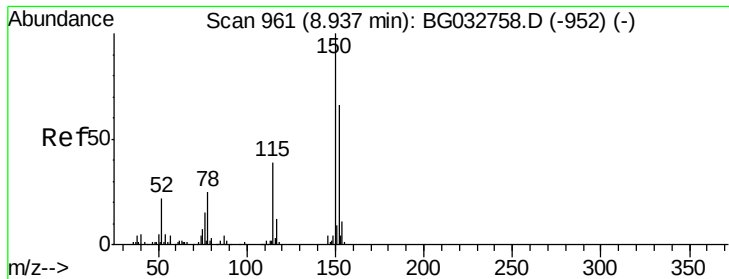
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031618\
Data File : BG033197.D
Acq On : 16 Mar 2018 13:32
Operator : SJ/JU
Sample : J1913-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OILY-STONES-124029

Quant Time: Mar 17 05:25:34 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 14 13:59:34 2018
Response via : Initial Calibration



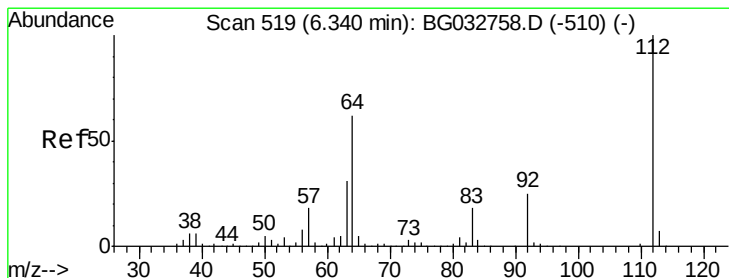
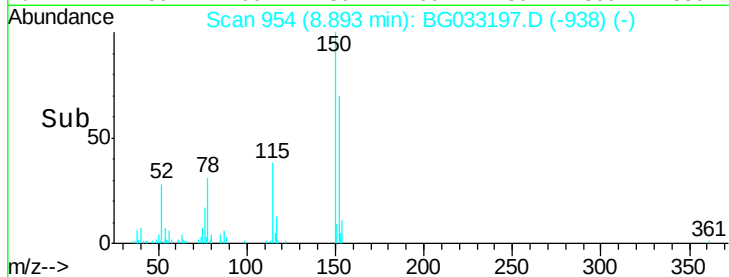
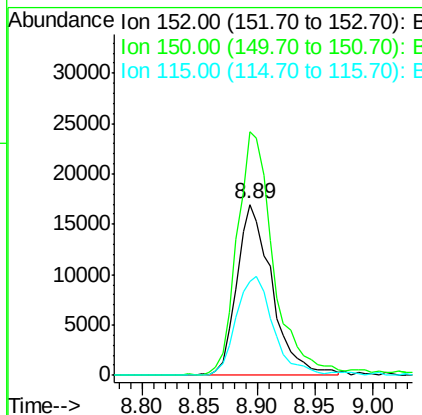
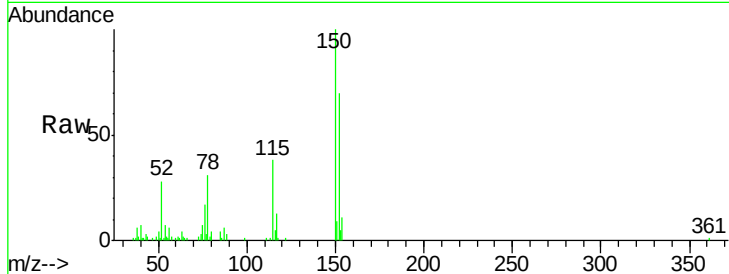


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.89 min Scan# 954
Delta R.T. -0.00 min
Lab File: BG033197.D
Acq: 16 Mar 2018 13:32

Instrument :
BNA_G
ClientSampleId :
OILY-STONES-124029

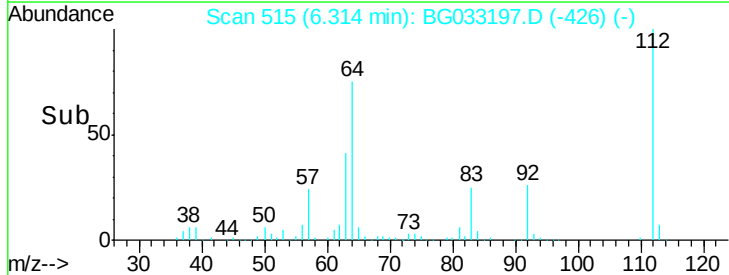
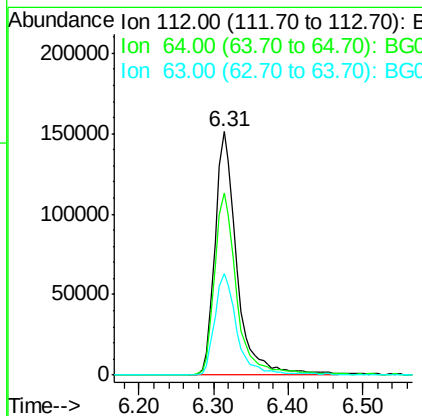
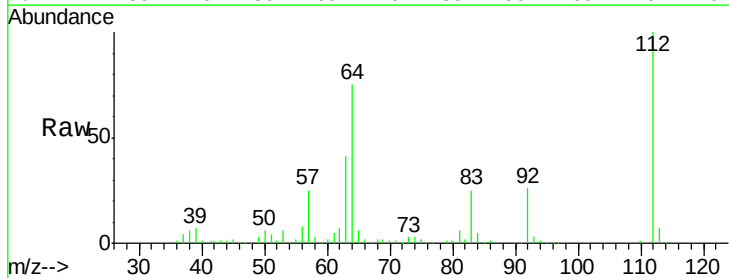
Tot Ion:152 Resp: 35912
Ion Ratio Lower Upper
152 100
150 142.2 126.6 189.8
115 54.7 53.0 79.4

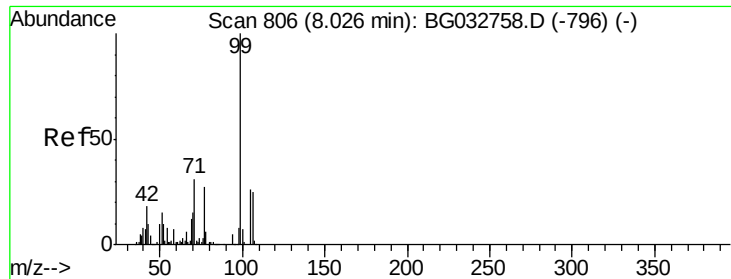


#5

2-Fluorophenol
Concen: 137.014 ng
RT: 6.31 min Scan# 515
Delta R.T. -0.00 min
Lab File: BG033197.D
Acq: 16 Mar 2018 13:32

Tgt Ion:112 Resp: 307556
Ion Ratio Lower Upper
112 100
64 74.7 56.3 84.5
63 41.4 30.1 45.1





#7

Phenol-d6

Concen: 130.236 ng

RT: 8.00 min Scan# 802

Delta R.T. -0.01 min

Lab File: BG033197.D

Acq: 16 Mar 2018 13:32

Instrument :

BNA_G

ClientSampleId :

OILY-STONES-124029

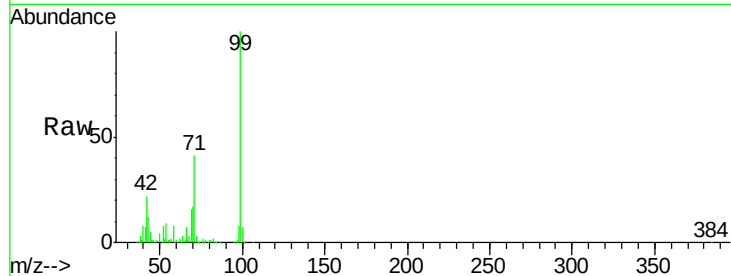
Tot Ion: 99 Resp: 407484

Ion Ratio Lower Upper

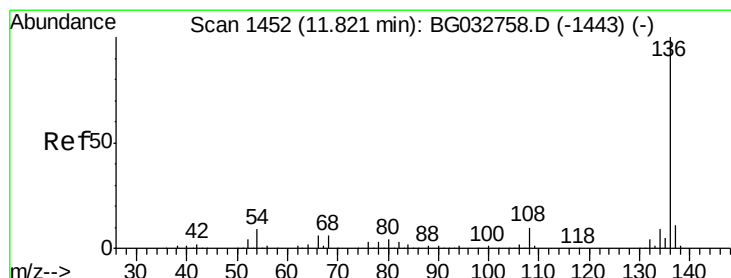
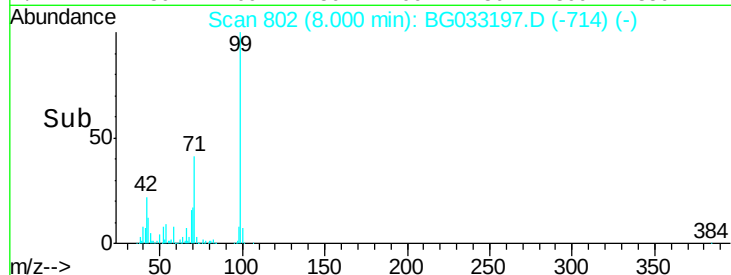
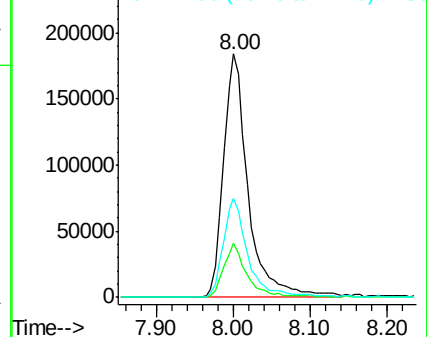
99 100

42 22.3 14.1 21.1#

71 40.8 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: 11.78 min Scan# 1446

Delta R.T. -0.00 min

Lab File: BG033197.D

Acq: 16 Mar 2018 13:32

Tgt Ion: 136 Resp: 131995

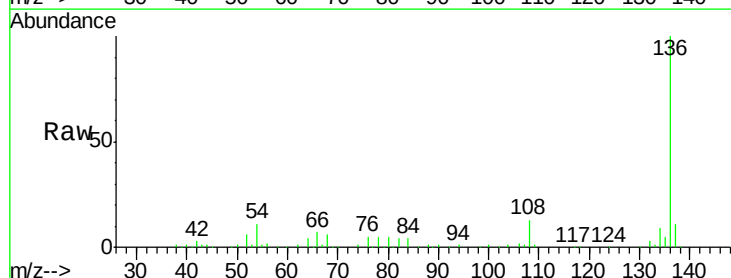
Ion Ratio Lower Upper

136 100

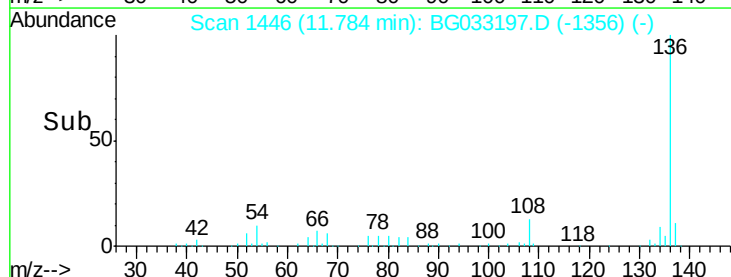
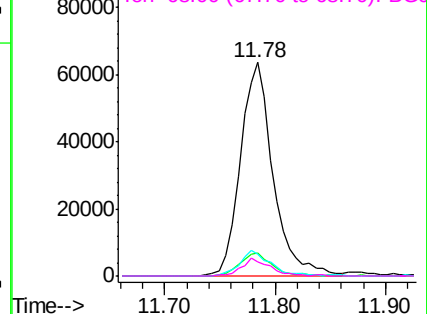
137 10.8 9.2 13.8

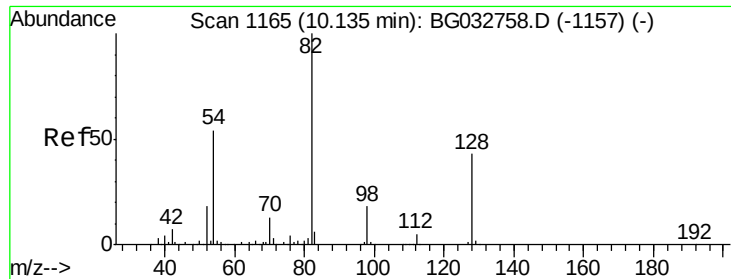
54 10.5 10.3 15.5

68 6.3 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

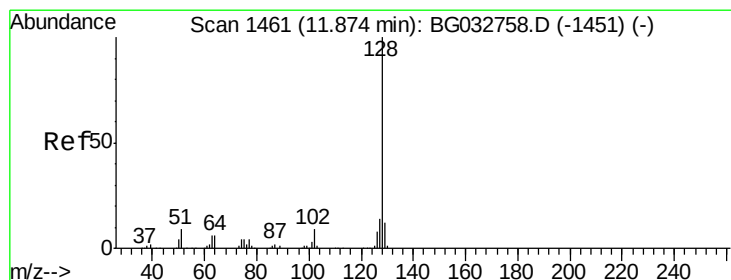
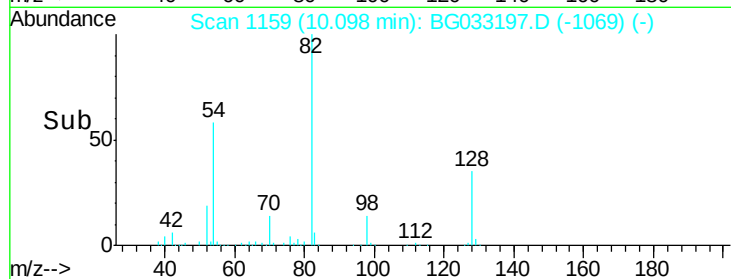
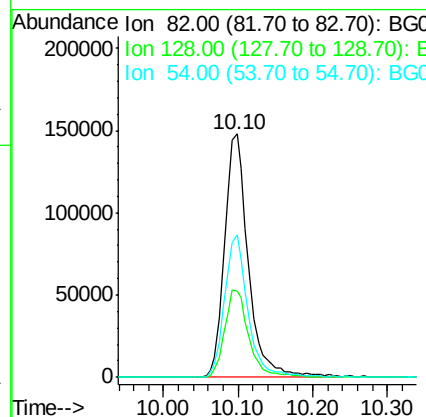
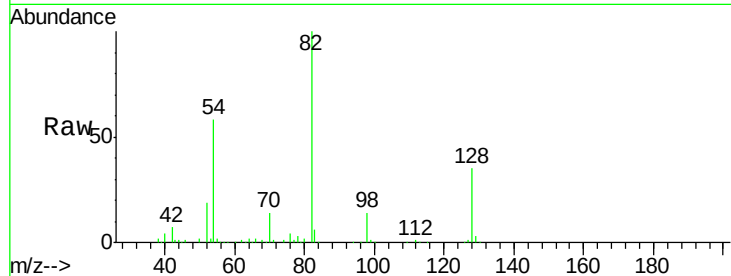




#23
 Nitrobenzene-d5
 Concen: 162.510 ng
 RT: 10.10 min Scan# 1159
 Delta R.T. -0.00 min
 Lab File: BG033197.D
 Acq: 16 Mar 2018 13:32

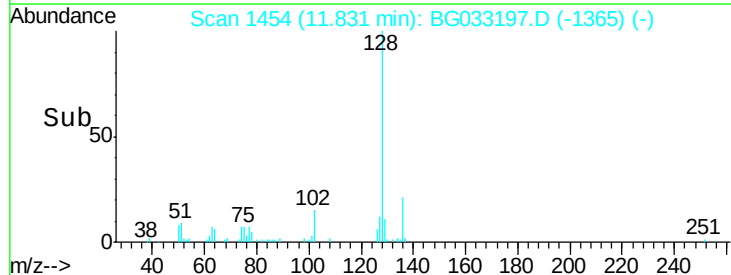
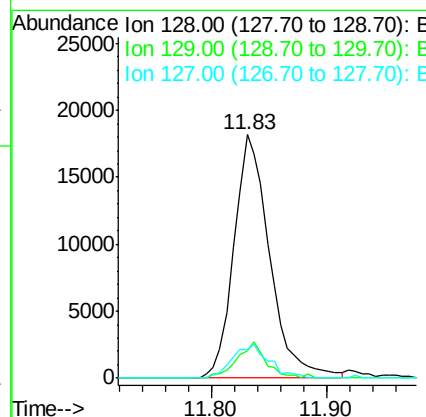
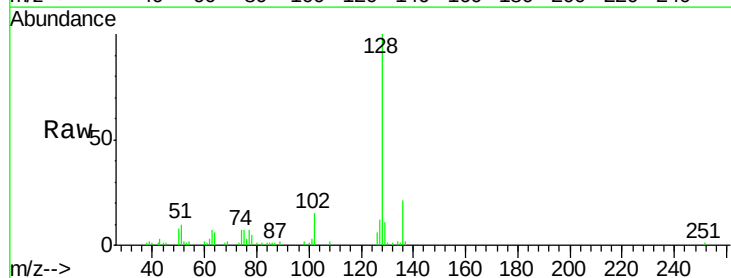
Instrument :
 BNA_G
 ClientSampleId :
 OILY-STONES-124029

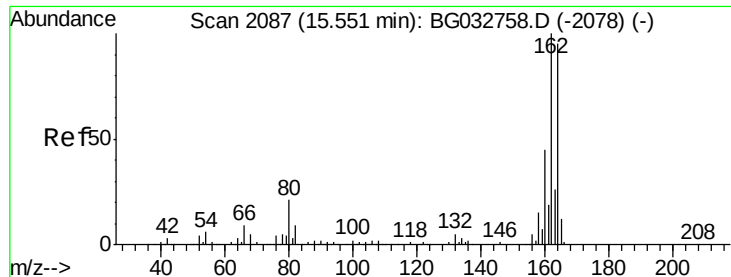
Tot Ion	Ratio	Lower	Upper
82	100		
128	35.5	29.7	44.5
54	58.5	43.1	64.7



#31
 Naphthalene
 Concen: 5.659 ng
 RT: 11.83 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BG033197.D
 Acq: 16 Mar 2018 13:32

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.6	12.8
127	11.8	11.6	17.4

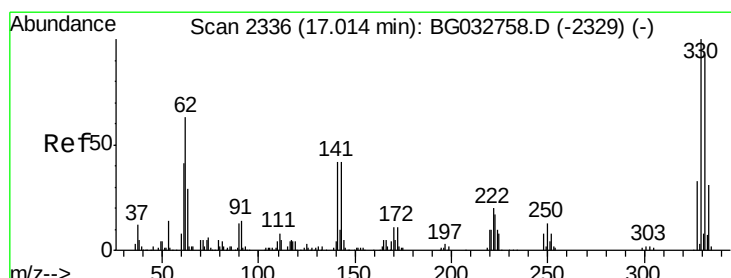
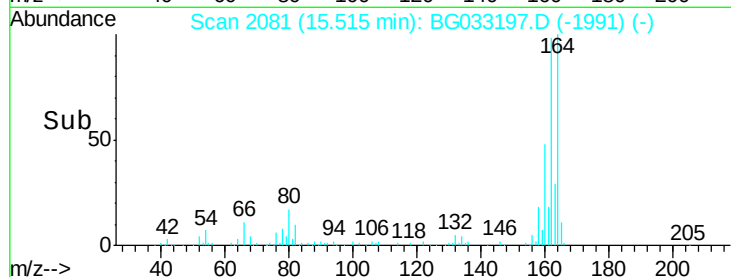
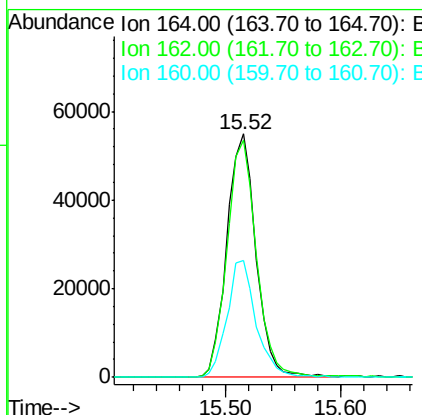
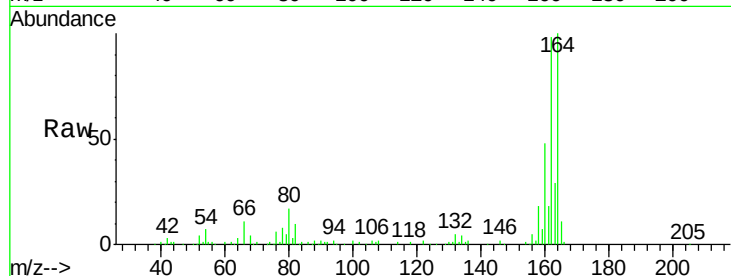




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2081
 Delta R.T. -0.00 min
 Lab File: BG033197.D
 Acq: 16 Mar 2018 13:32

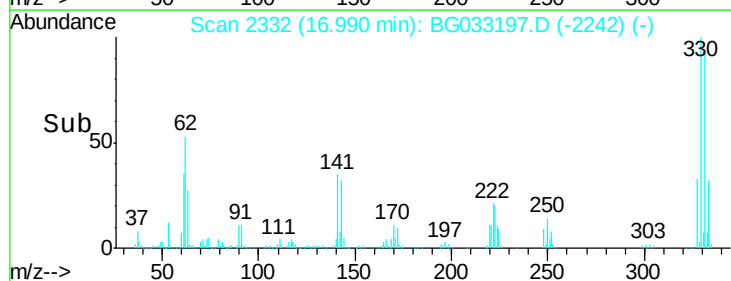
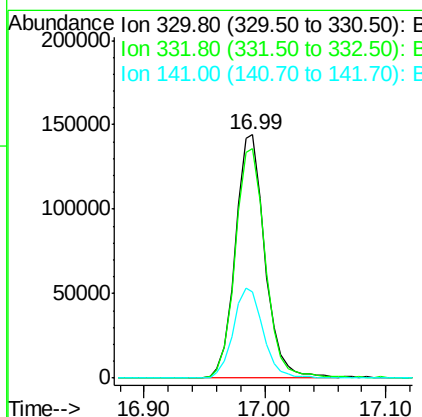
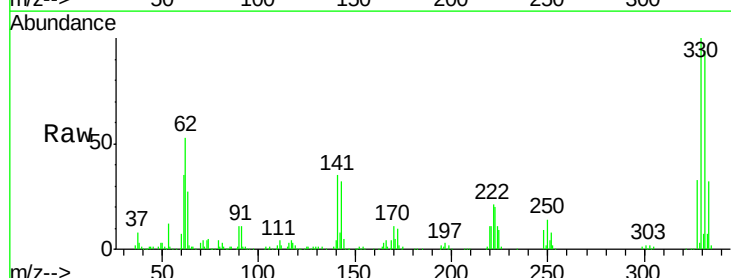
Instrument :
 BNA_G
 ClientSampleId :
 OILY-STONES-124029

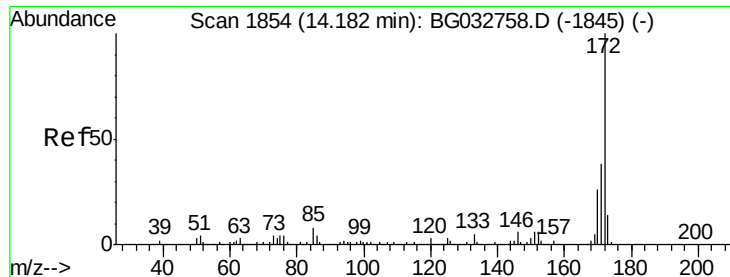
Tot Ion:164 Resp: 96228
 Ion Ratio Lower Upper
 164 100
 162 97.5 78.8 118.2
 160 47.8 35.4 53.0



#41
 2,4,6-Tribromophenol
 Concen: 242.939 ng
 RT: 16.99 min Scan# 2332
 Delta R.T. -0.00 min
 Lab File: BG033197.D
 Acq: 16 Mar 2018 13:32

Tgt Ion:330 Resp: 245807
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 37.3 25.2 37.8

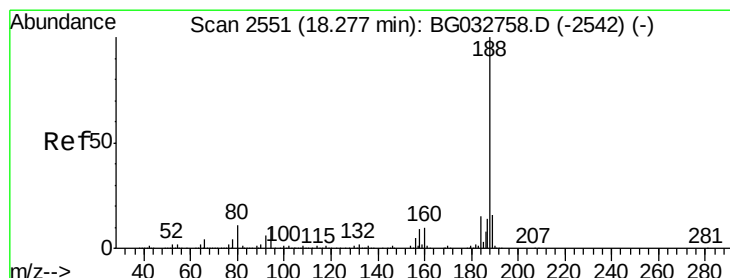
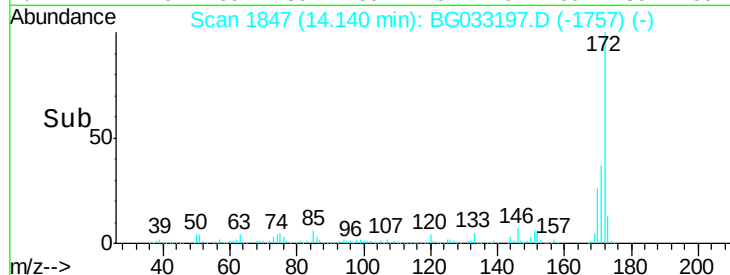
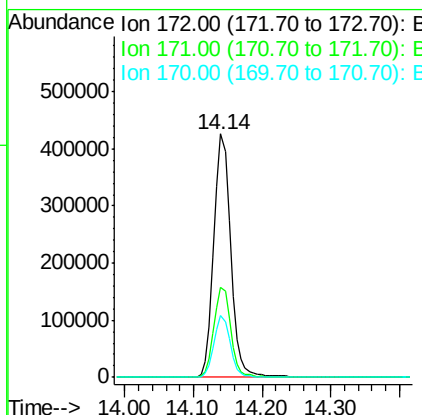
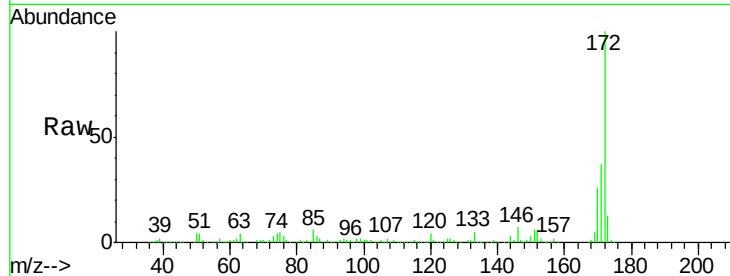




#44
2-Fluorobiphenyl
Concen: 109.703 ng
RT: 14.14 min Scan# 1847
Delta R.T. -0.00 min
Lab File: BG033197.D
Acq: 16 Mar 2018 13:32

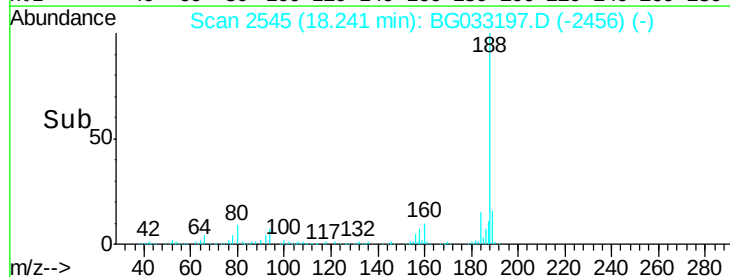
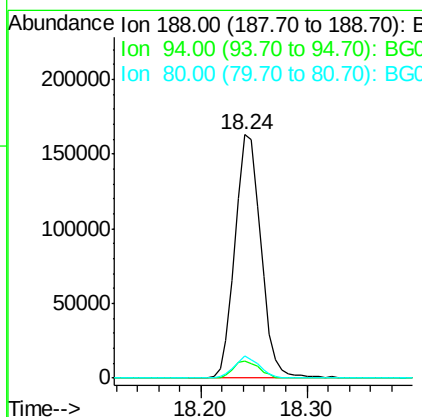
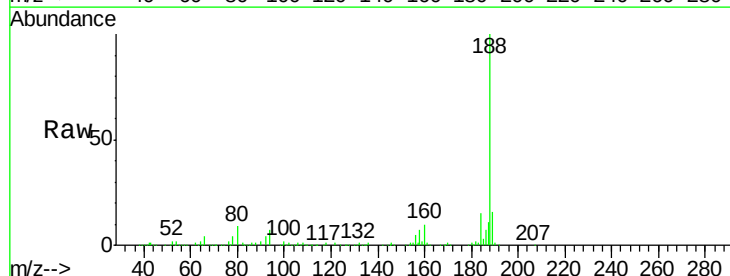
Instrument :
BNA_G
ClientSampleId :
OILY-STONES-124029

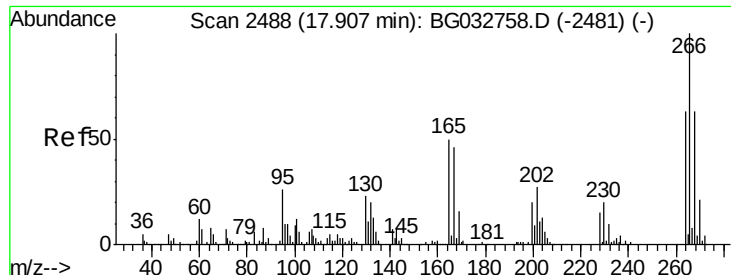
Tot Ion:172 Resp: 731946
Ion Ratio Lower Upper
172 100
171 37.1 30.0 45.0
170 25.6 19.5 29.3



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.24 min Scan# 2545
Delta R.T. -0.01 min
Lab File: BG033197.D
Acq: 16 Mar 2018 13:32

Tgt Ion:188 Resp: 276342
Ion Ratio Lower Upper
188 100
94 6.9 6.9 10.3#
80 9.3 7.7 11.5

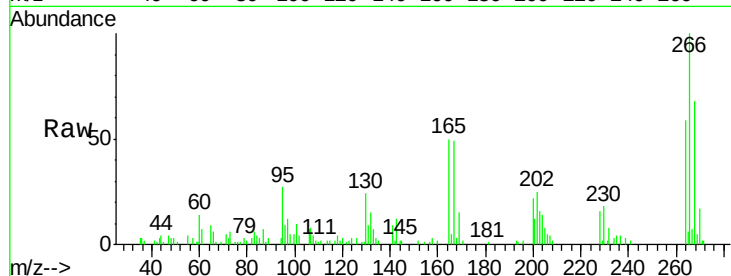




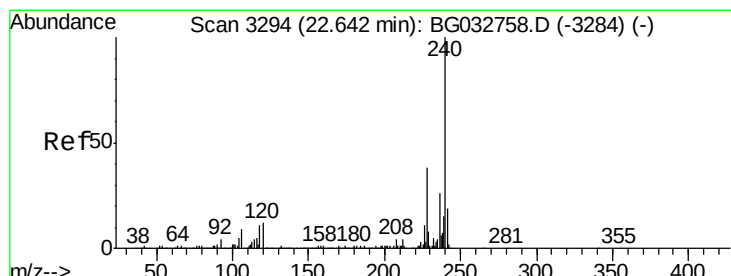
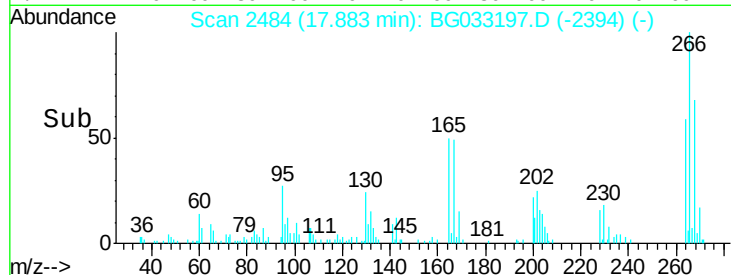
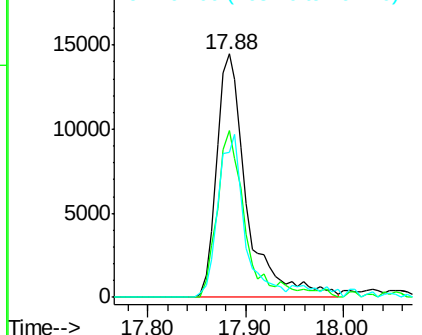
#69
 Pentachlorophenol
 Concen: 15.569 ng
 RT: 17.88 min Scan# 2484
 Delta R.T. -0.00 min
 Lab File: BG033197.D
 Acq: 16 Mar 2018 13:32

Instrument :
 BNA_G
 ClientSampleId :
 OILY-STONES-124029

Tot Ion	Ratio	Lower	Upper
266	100		
268	68.4	51.1	76.7
264	59.4	49.6	74.4

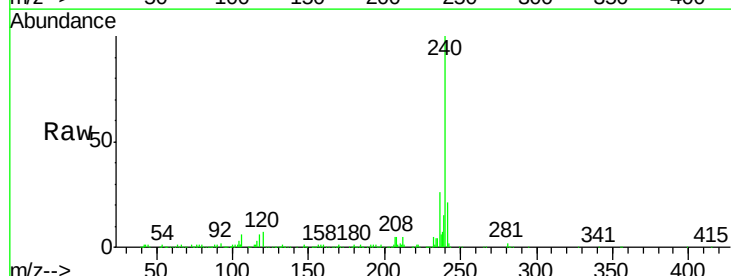


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

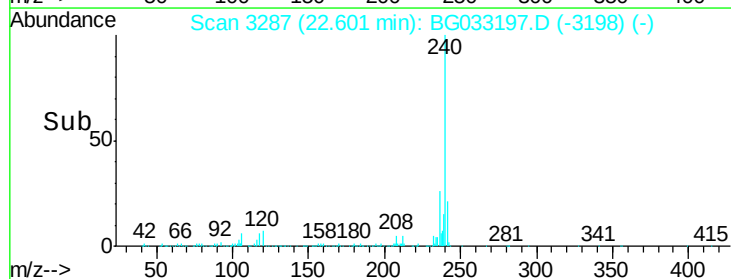
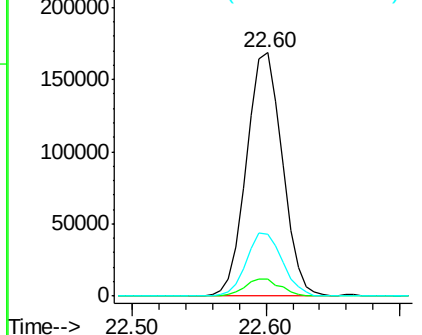


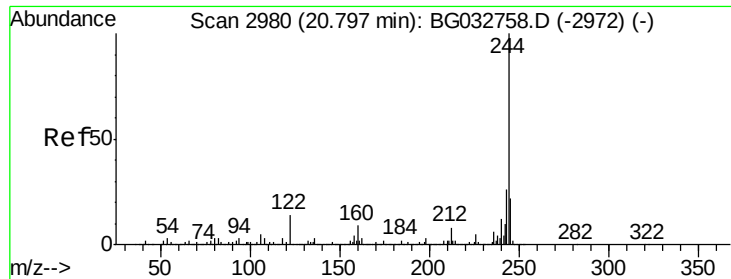
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.60 min Scan# 3287
 Delta R.T. -0.01 min
 Lab File: BG033197.D
 Acq: 16 Mar 2018 13:32

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.9	6.8	10.2
236	25.6	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: 111.562 ng

RT: 20.76 min Scan# 2974

Delta R.T. -0.00 min

Lab File: BG033197.D

Acq: 16 Mar 2018 13:32

Instrument :

BNA_G

ClientSampleId :

OILY-STONES-124029

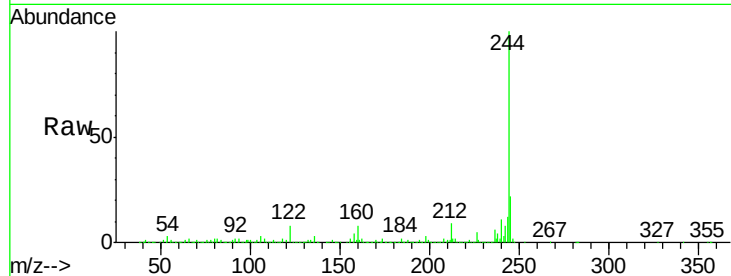
Tot Ion:244 Resp: 1554684

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

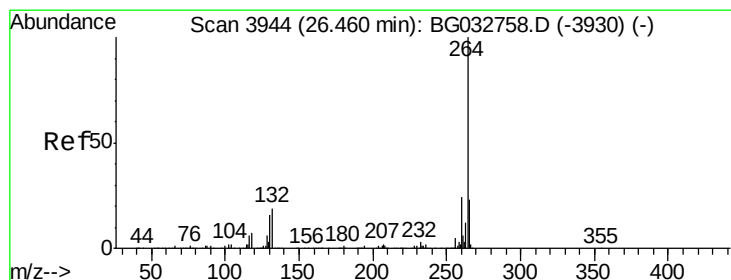
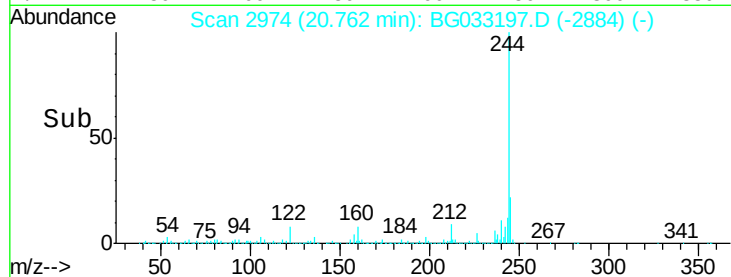
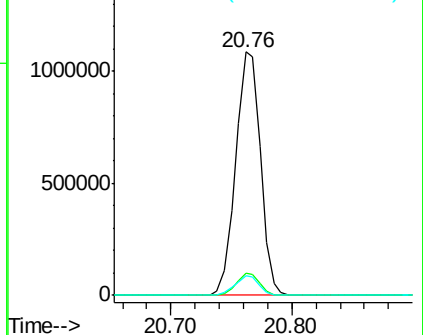
122 8.1 7.0 10.4



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: 26.40 min Scan# 3933

Delta R.T. -0.01 min

Lab File: BG033197.D

Acq: 16 Mar 2018 13:32

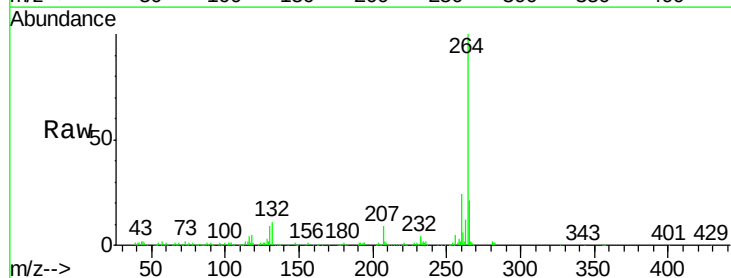
Tgt Ion:264 Resp: 332167

Ion Ratio Lower Upper

264 100

260 23.5 17.4 26.0

265 20.9 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

