

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG032618\
 Data File : BG033334.D
 Acq On : 26 Mar 2018 18:02
 Operator : SJ/JU
 Sample : J1867-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C19013071

Quant Time: Mar 27 07:58:16 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 15:11:46 2018
 Response via : Initial Calibration

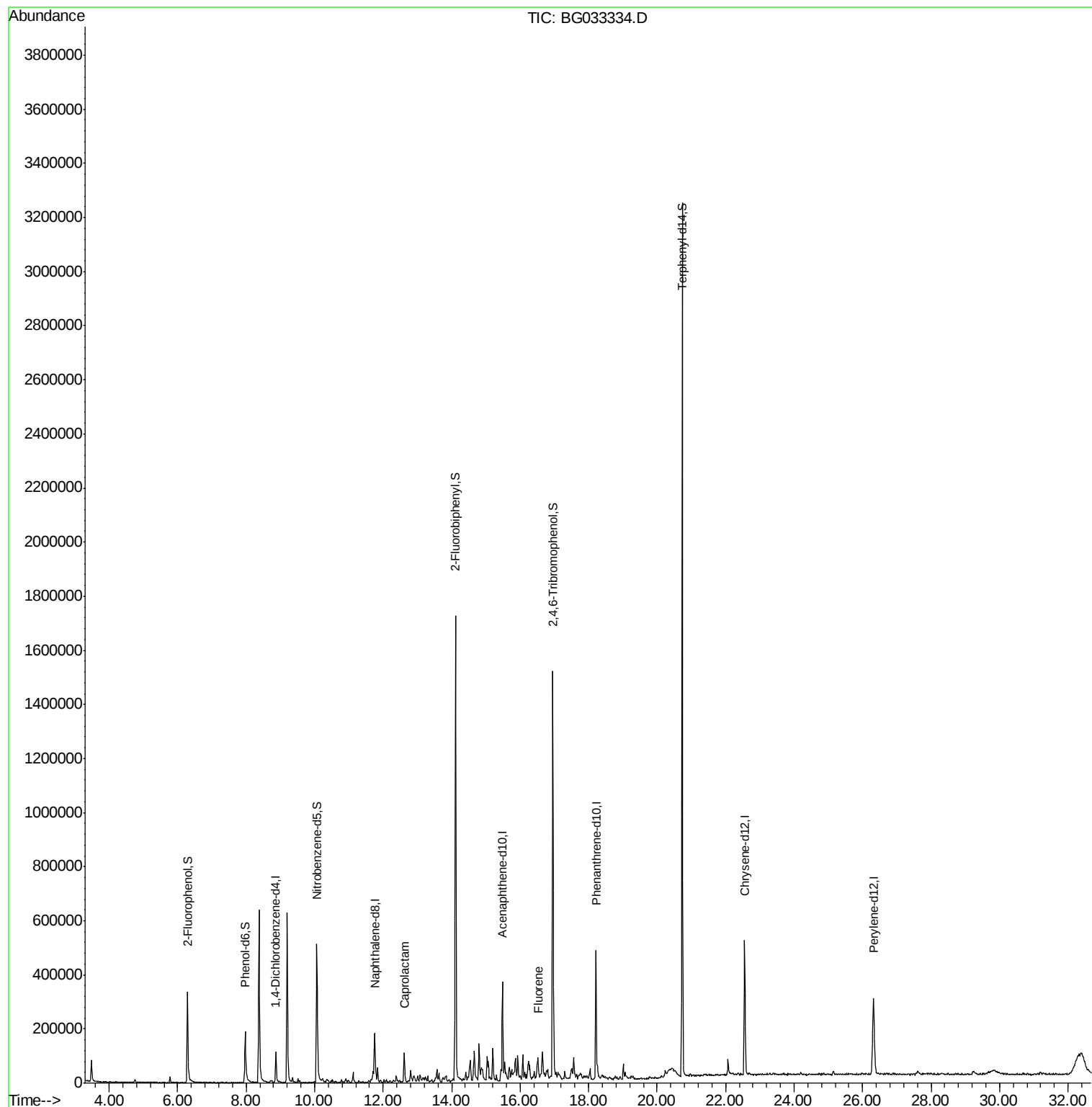
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	41599	20.00	ng	-0.03
21) Naphthalene-d8	11.75	136	172242	20.00	ng	-0.03
38) Acenaphthene-d10	15.48	164	137449	20.00	ng	-0.03
63) Phenanthrene-d10	18.22	188	343155	20.00	ng	-0.02
75) Chrysene-d12	22.56	240	362782	20.00	ng	-0.04
86) Perylene-d12	26.32	264	391059	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	172299	77.67	ng	-0.02
7) Phenol-d6	7.97	99	151878	39.84	ng	-0.02
23) Nitrobenzene-d5	10.07	82	374792	99.97	ng	-0.03
41) 2,4,6-Tribromophenol	16.96	330	328298	159.70	ng	-0.03
44) 2-Fluorobiphenyl	14.11	172	972047	102.09	ng	-0.02
78) Terphenyl-d14	20.73	244	1650822	97.32	ng	-0.03
Target Compounds						
35) Caprolactam	12.61	113	14405	13.548	ng	Qvalue 95
57) Fluorene	16.52	166	34050	3.088	ng	# 93

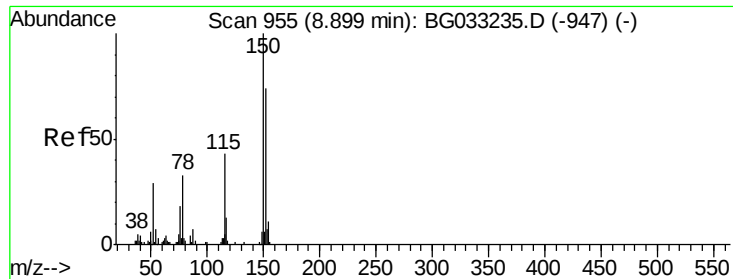
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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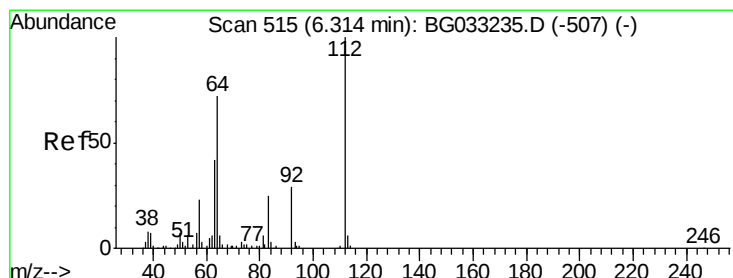
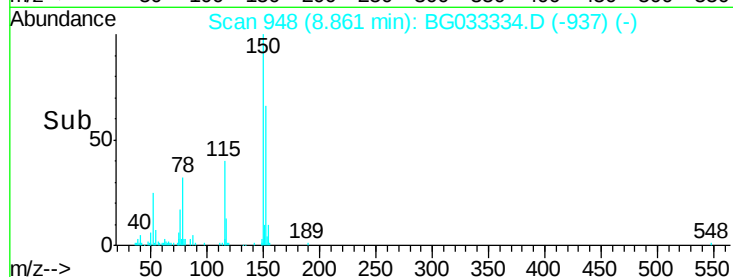
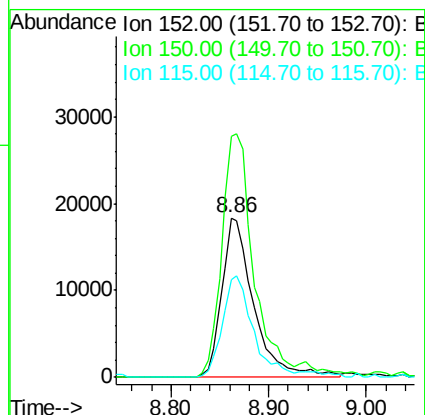
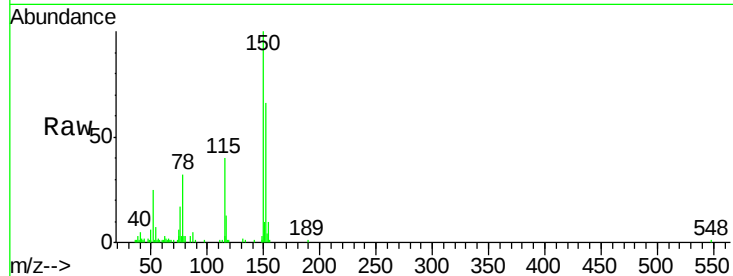


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.03 min
Lab File: BG033334.D
Acq: 26 Mar 2018 18:02

Instrument :
BNA_G
ClientSampleId :
C19013071

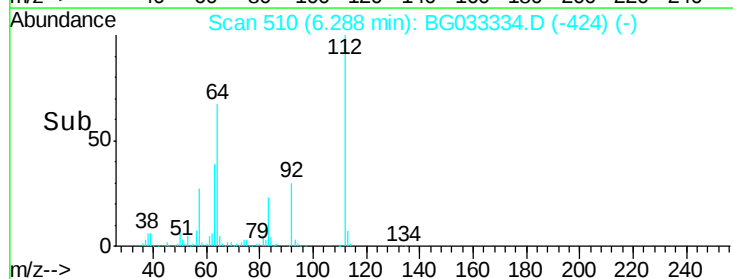
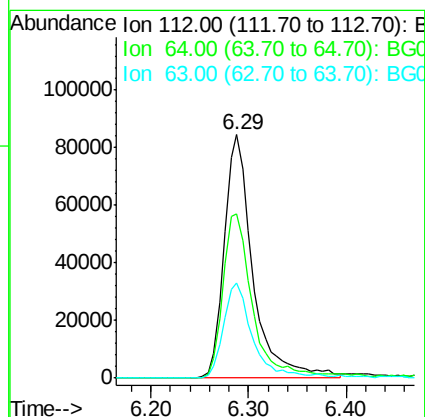
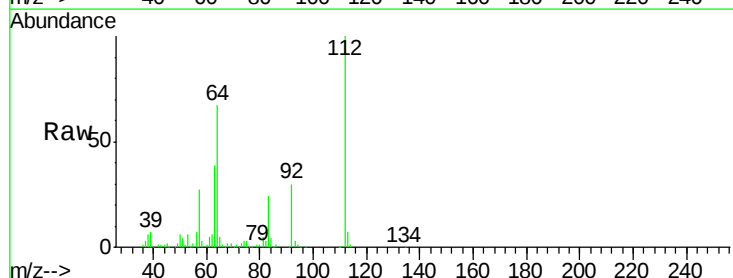
Tgt Ion:152 Resp: 41599
Ion Ratio Lower Upper
152 100
150 151.1 126.6 189.8
115 61.2 53.0 79.4

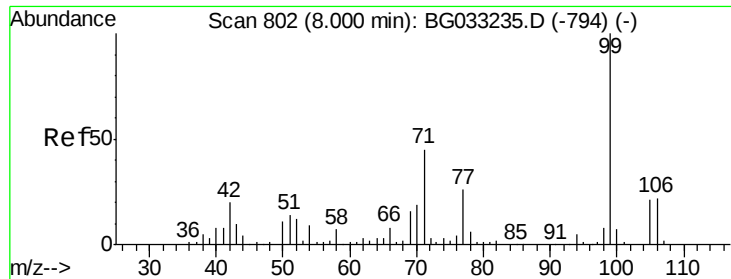


#5

2-Fluorophenol
Concen: 77.666 ng
RT: 6.29 min Scan# 510
Delta R.T. -0.02 min
Lab File: BG033334.D
Acq: 26 Mar 2018 18:02

Tgt Ion:112 Resp: 172299
Ion Ratio Lower Upper
112 100
64 67.4 56.3 84.5
63 39.1 30.1 45.1





#7

Phenol-d6

Concen: 39.844 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.02 min

Lab File: BG033334.D

Acq: 26 Mar 2018 18:02

Instrument :

BNA_G

ClientSampleId :

C19013071

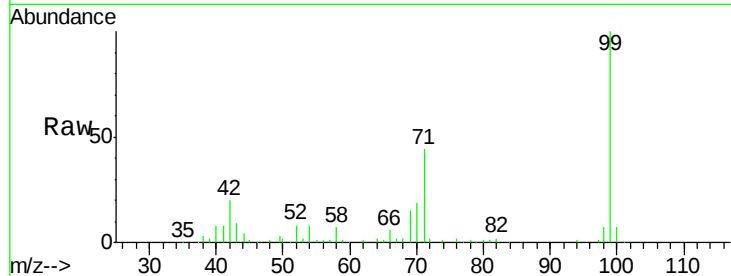
Tgt Ion: 99 Resp: 151878

Ion Ratio Lower Upper

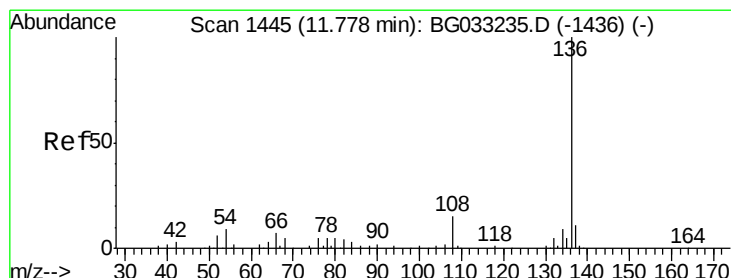
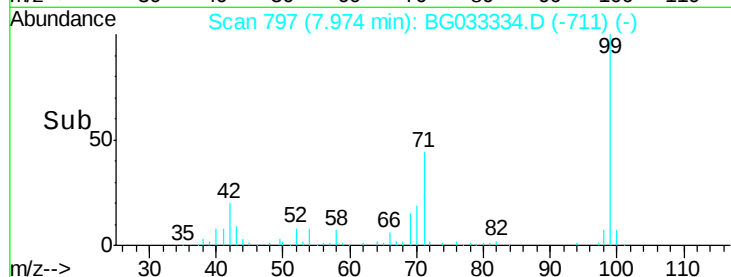
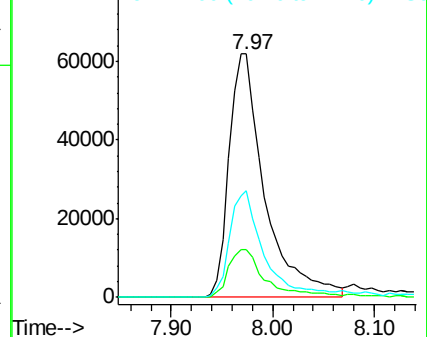
99 100

42 19.7 14.1 21.1

71 43.8 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: 11.75 min Scan# 1439

Delta R.T. -0.03 min

Lab File: BG033334.D

Acq: 26 Mar 2018 18:02

Tgt Ion: 136 Resp: 172242

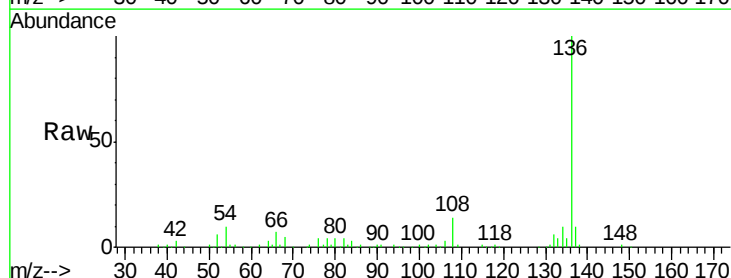
Ion Ratio Lower Upper

136 100

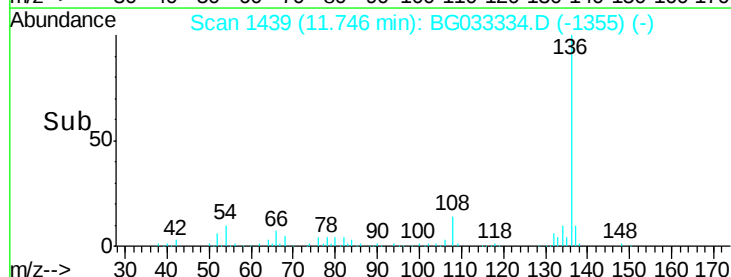
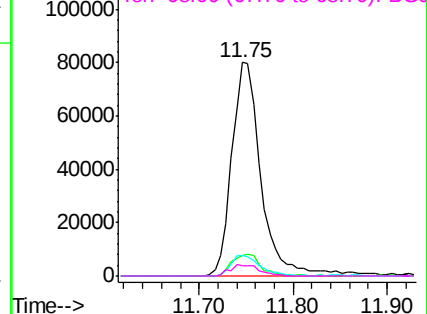
137 9.6 9.2 13.8

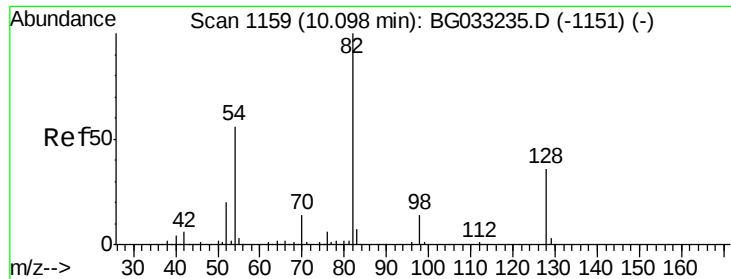
54 9.7 10.3 15.5#

68 5.0 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

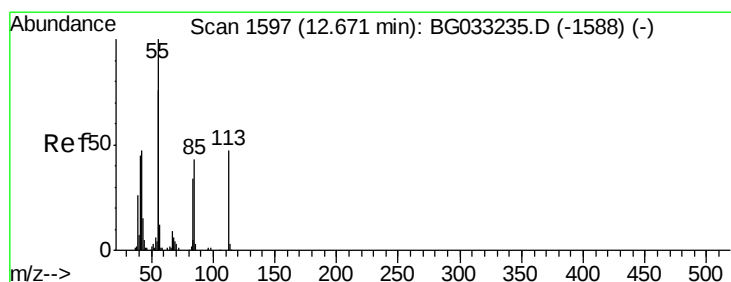
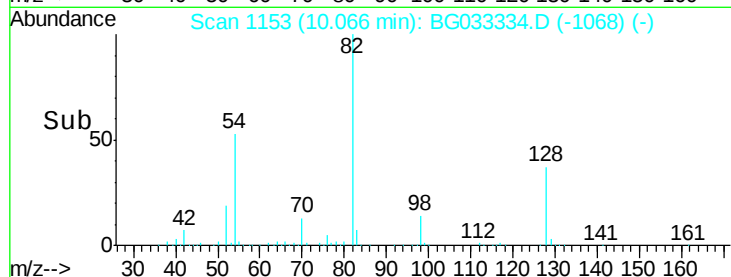
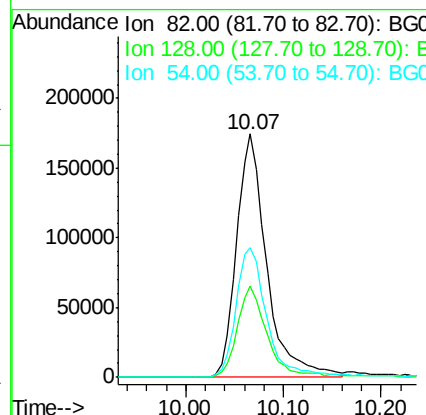
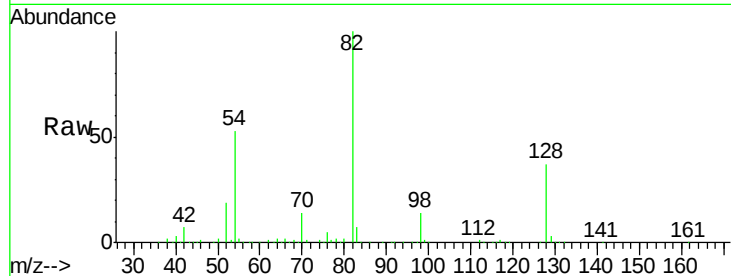




#23
 Nitrobenzene-d5
 Concen: 99.973 ng
 RT: 10.07 min Scan# 1153
 Delta R.T. -0.03 min
 Lab File: BG033334.D
 Acq: 26 Mar 2018 18:02

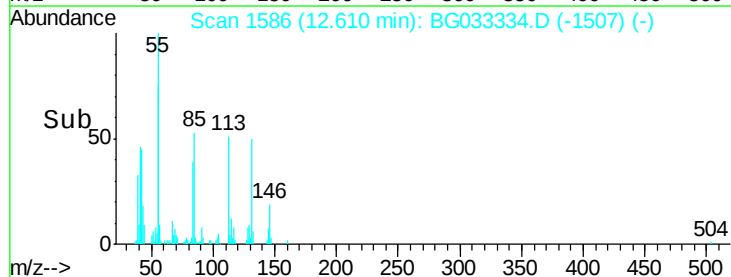
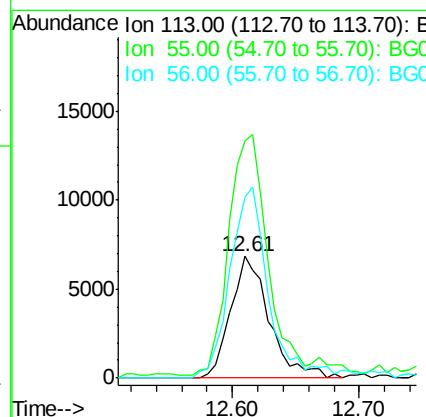
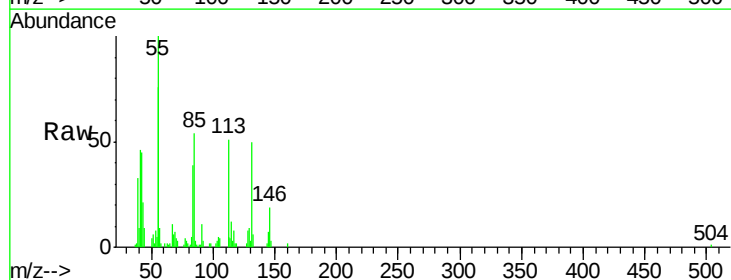
Instrument :
 BNA_G
 ClientSampleId :
 C19013071

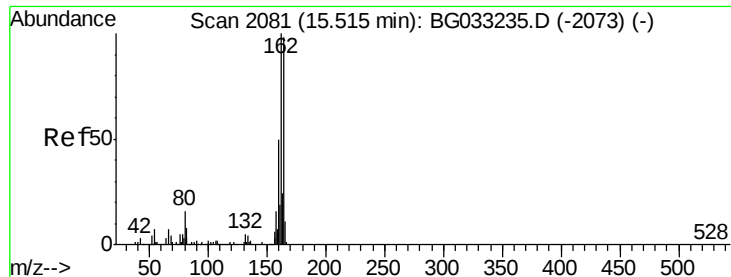
Tgt Ion: 82 Resp: 374792
 Ion Ratio Lower Upper
 82 100
 128 37.4 29.7 44.5
 54 53.0 43.1 64.7



#35
 Caprolactam
 Concen: 13.548 ng
 RT: 12.61 min Scan# 1586
 Delta R.T. -0.06 min
 Lab File: BG033334.D
 Acq: 26 Mar 2018 18:02

Tgt Ion: 113 Resp: 14405
 Ion Ratio Lower Upper
 113 100
 55 194.9 186.9 226.9
 56 148.7 130.9 170.9





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.48 min Scan# 2075

Delta R.T. -0.03 min

Lab File: BG033334.D

Acq: 26 Mar 2018 18:02

Instrument :

BNA_G

ClientSampleId :

C19013071

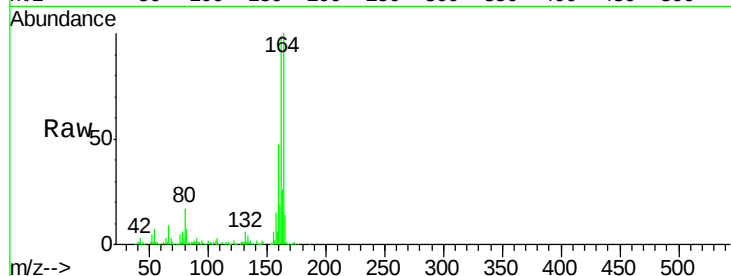
Tgt Ion:164 Resp: 137449

Ion Ratio Lower Upper

164 100

162 98.6 78.8 118.2

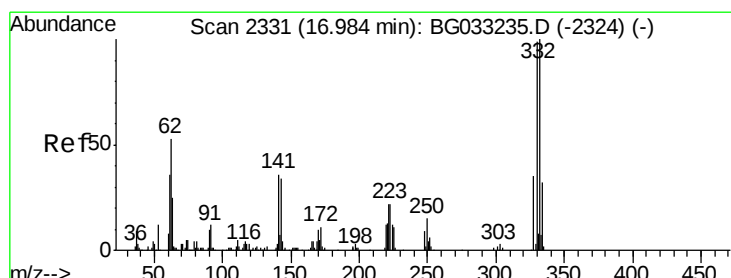
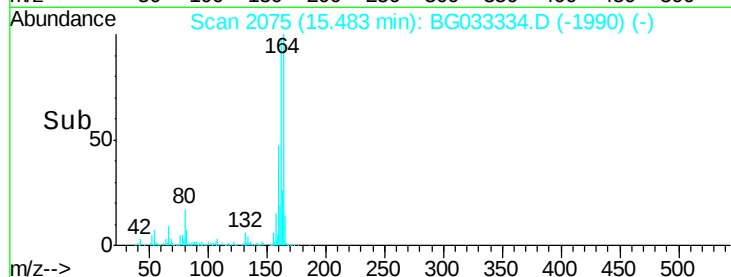
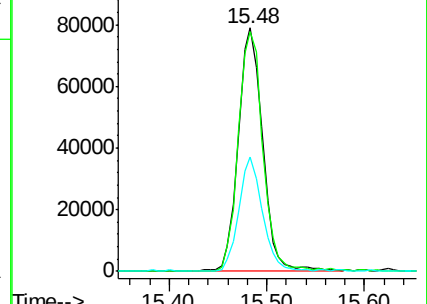
160 46.9 35.4 53.0



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: 159.701 ng

RT: 16.96 min Scan# 2326

Delta R.T. -0.03 min

Lab File: BG033334.D

Acq: 26 Mar 2018 18:02

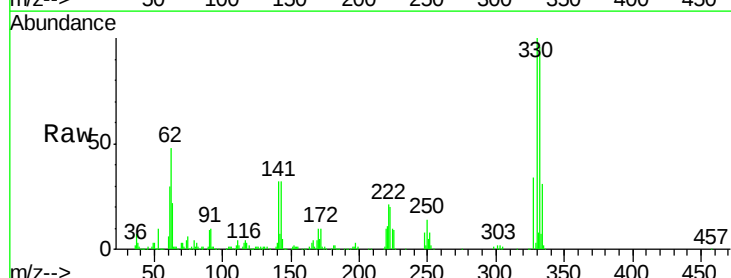
Tgt Ion:330 Resp: 328298

Ion Ratio Lower Upper

330 100

332 93.9 77.0 115.6

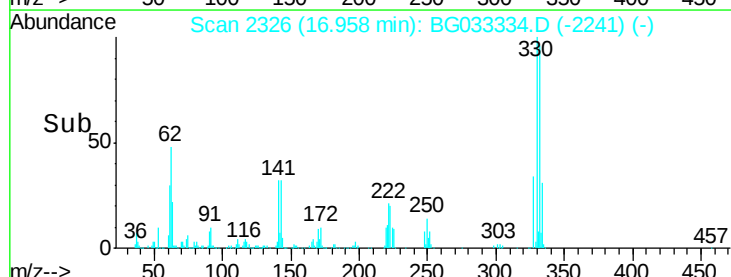
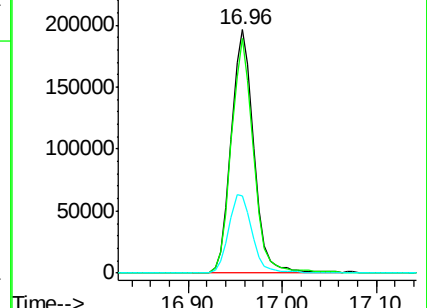
141 33.2 25.2 37.8

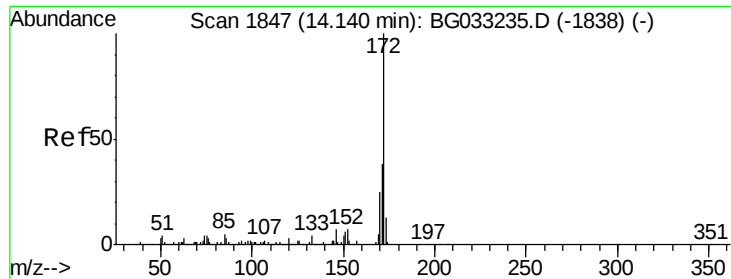


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

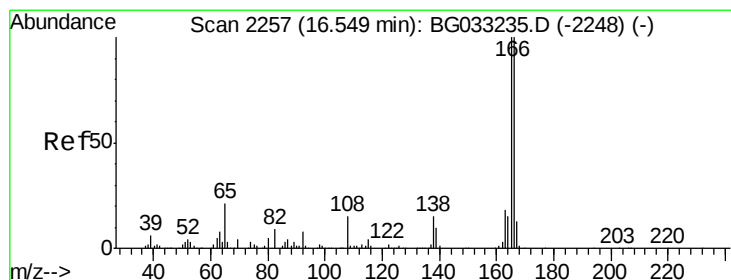
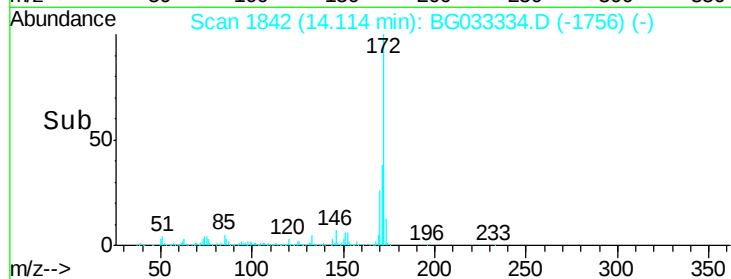
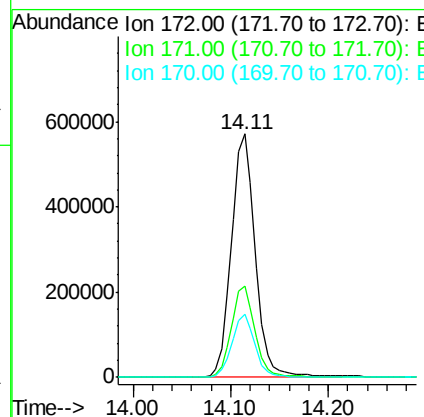
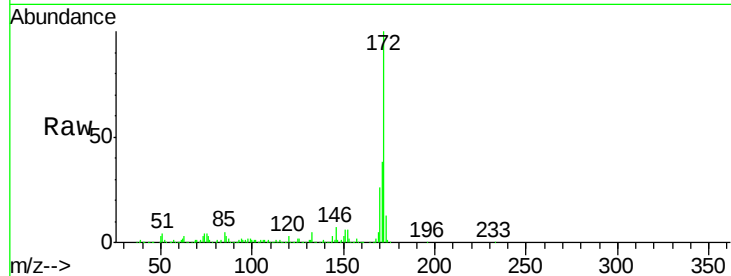




#44
 2-Fluorobiphenyl
 Concen: 102.095 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.02 min
 Lab File: BG033334.D
 Acq: 26 Mar 2018 18:02

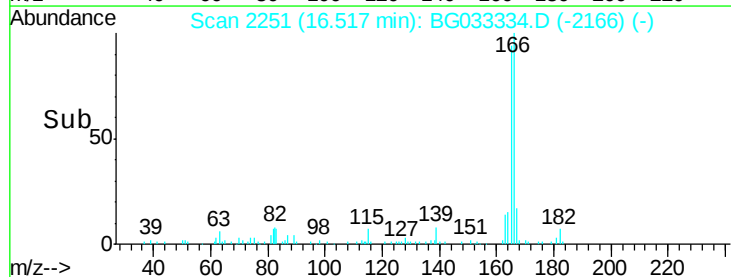
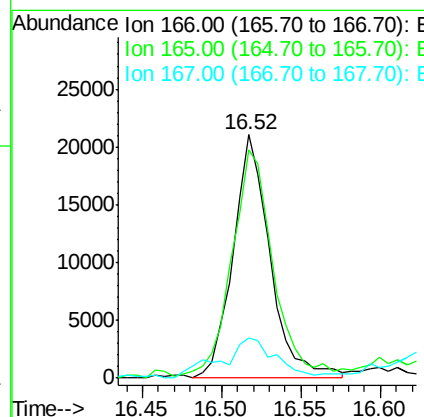
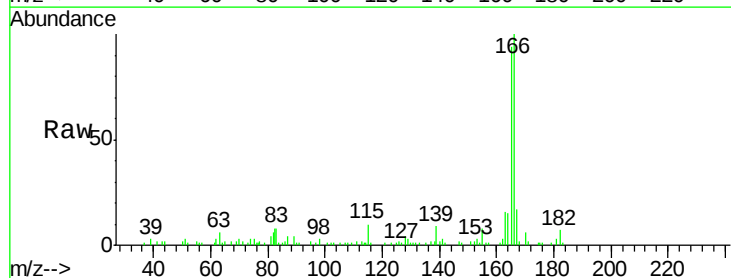
Instrument :
 BNA_G
 ClientSampleId :
 C19013071

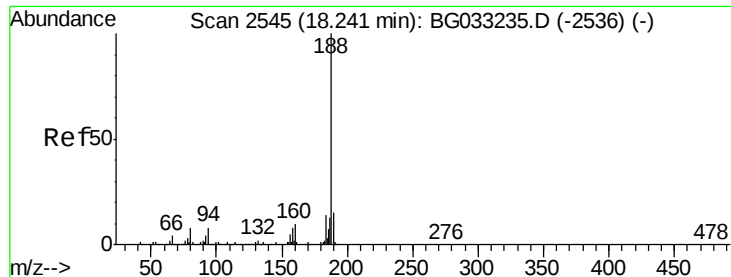
Tgt Ion:	172	Resp:	972047
Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.0	45.0
170	25.8	19.5	29.3



#57
 Fluorene
 Concen: 3.088 ng
 RT: 16.52 min Scan# 2251
 Delta R.T. -0.03 min
 Lab File: BG033334.D
 Acq: 26 Mar 2018 18:02

Tgt Ion:	166	Resp:	34050
Ion	Ratio	Lower	Upper
166	100		
165	93.5	80.6	121.0
167	16.6	10.4	15.6#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.22 min Scan# 2540

Delta R.T. -0.02 min

Lab File: BG033334.D

Acq: 26 Mar 2018 18:02

Instrument :

BNA_G

ClientSampleId :

C19013071

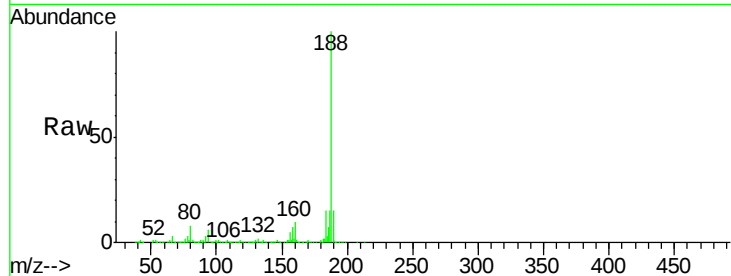
Tgt Ion:188 Resp: 343155

Ion Ratio Lower Upper

188 100

94 5.7 6.9 10.3#

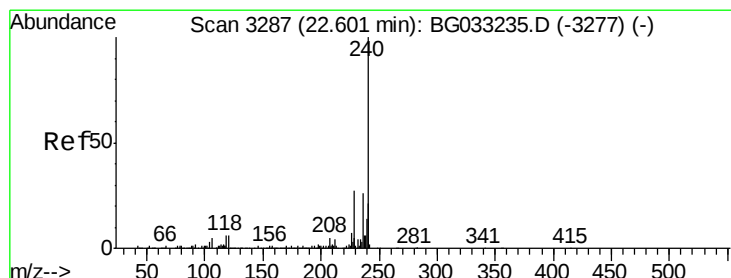
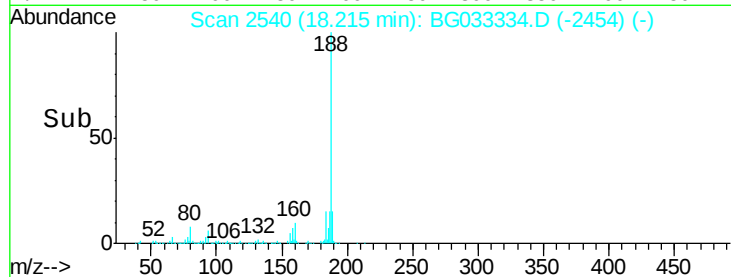
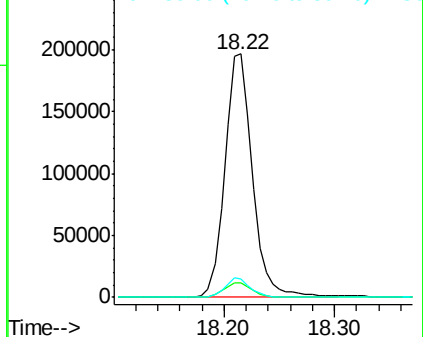
80 7.6 7.7 11.5#



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: 22.56 min Scan# 3279

Delta R.T. -0.04 min

Lab File: BG033334.D

Acq: 26 Mar 2018 18:02

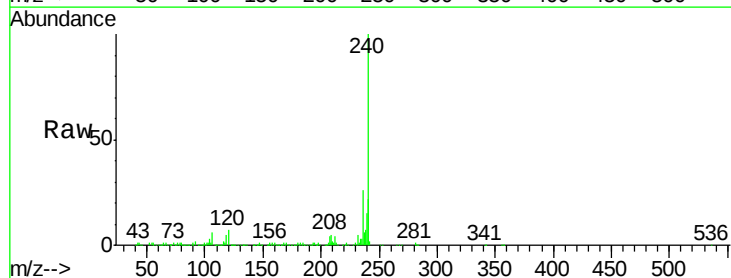
Tgt Ion:240 Resp: 362782

Ion Ratio Lower Upper

240 100

120 7.0 6.8 10.2

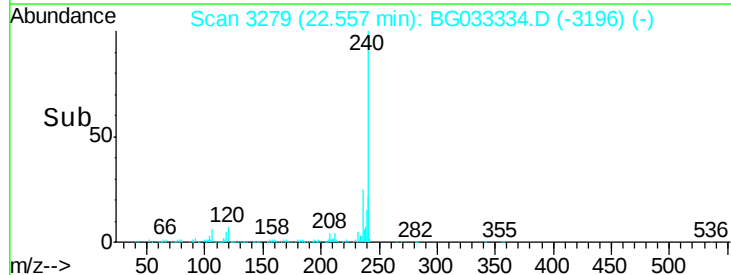
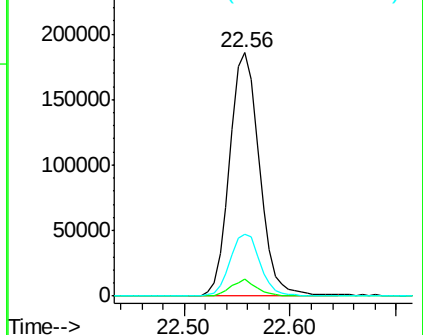
236 25.5 20.9 31.3

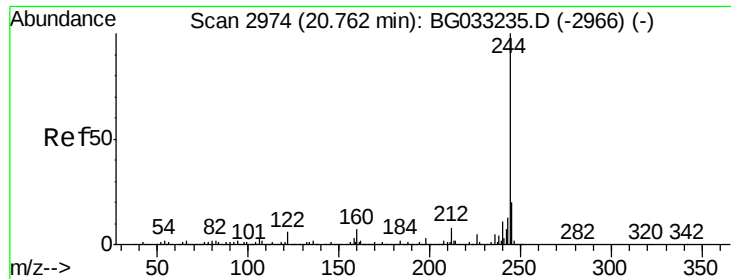


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 97.316 ng

RT: 20.73 min Scan# 2968

Delta R.T. -0.03 min

Lab File: BG033334.D

Acq: 26 Mar 2018 18:02

Instrument :

BNA_G

ClientSampleId :

C19013071

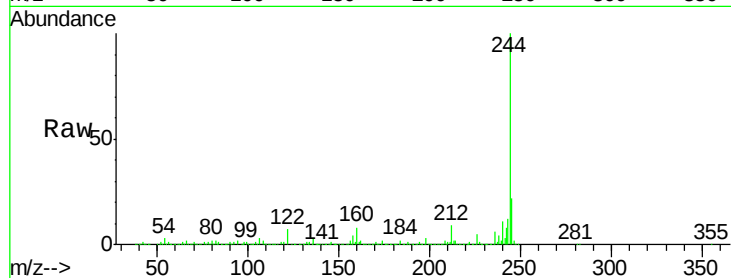
Tgt Ion:244 Resp: 1650822

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8

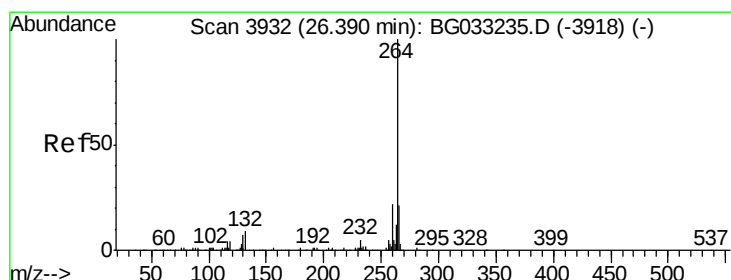
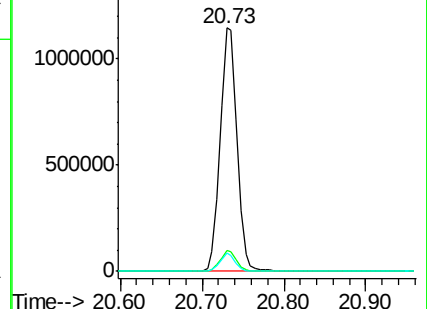
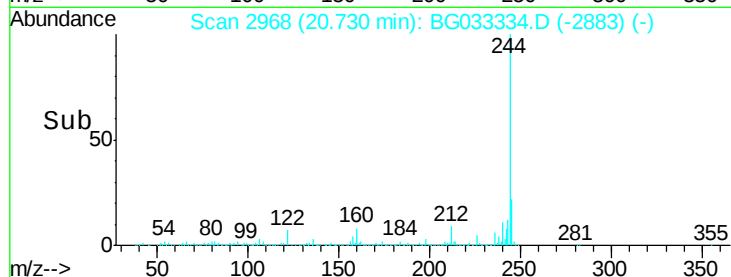
122 7.3 7.0 10.4



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: 26.32 min Scan# 3919

Delta R.T. -0.07 min

Lab File: BG033334.D

Acq: 26 Mar 2018 18:02

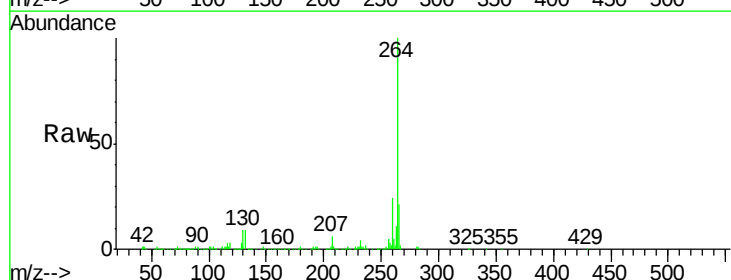
Tgt Ion:264 Resp: 391059

Ion Ratio Lower Upper

264 100

260 23.5 17.4 26.0

265 21.1 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

