

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031318\
 Data File : BG033135.D
 Acq On : 14 Mar 2018 4:06
 Operator : SJ/JU
 Sample : J1885-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VB-44949

Quant Time: Mar 14 11:53:02 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 15:10:14 2018
 Response via : Initial Calibration

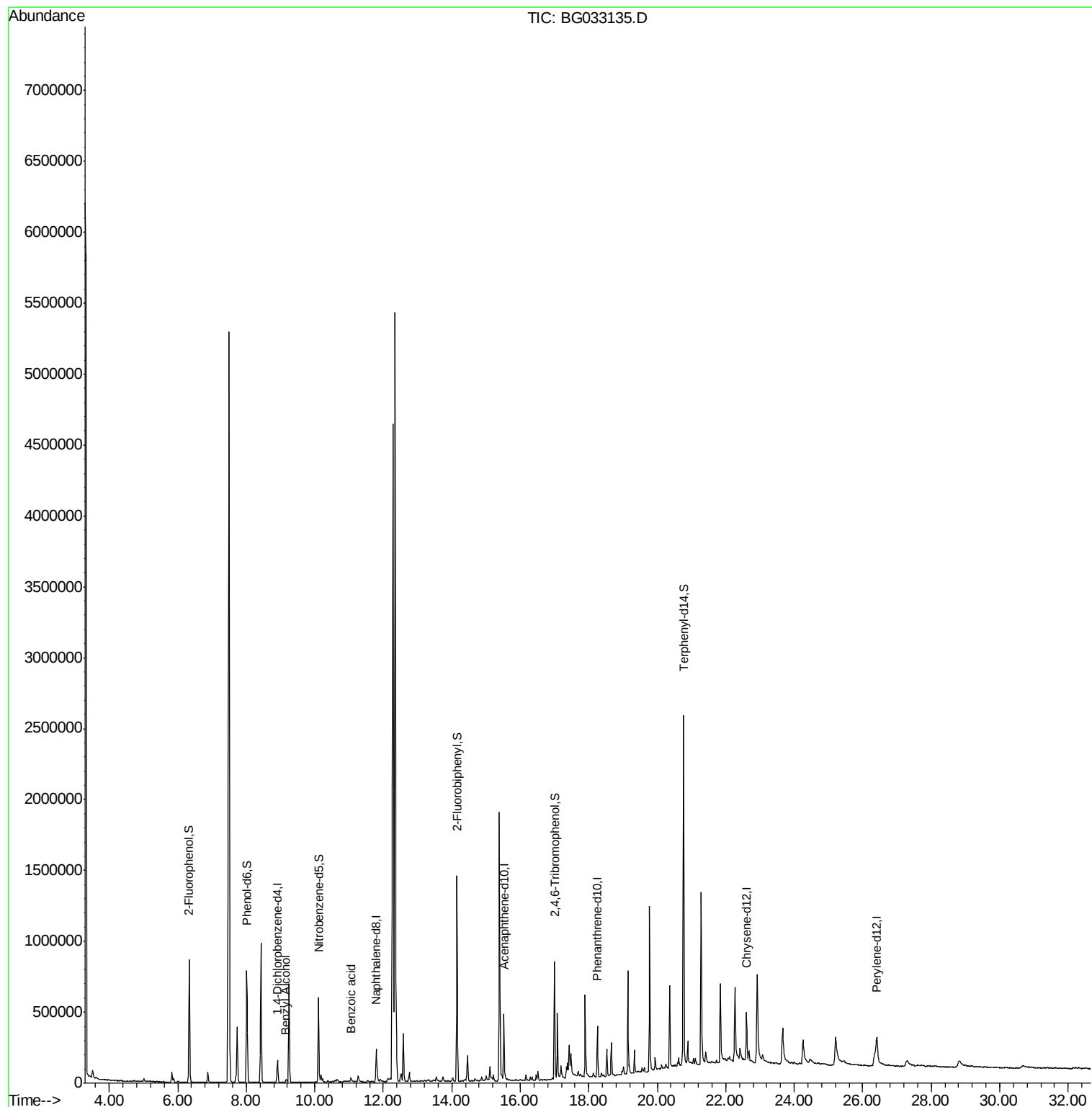
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	45731	20.00	ng	0.00
21) Naphthalene-d8	11.79	136	205038	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	103413	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	225157	20.00	ng	0.00
75) Chrysene-d12	22.61	240	215871	20.00	ng	0.00
86) Perylene-d12	26.41	264	232982	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.34	112	410580	143.64	ng	0.01
7) Phenol-d6	8.02	99	474331	119.05	ng	0.01
23) Nitrobenzene-d5	10.11	82	371328	120.93	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	163615	150.47	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	763395	106.47	ng	0.00
78) Terphenyl-d14	20.77	244	1033911	107.61	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.17	79	9245	3.156	ng	95
32) Benzoic acid	11.07	122	13576	13.770	ng	# 82

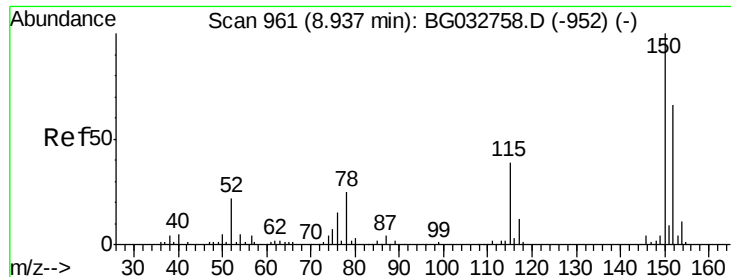
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 09 15:10:14 2018
Response via : Initial Calibration



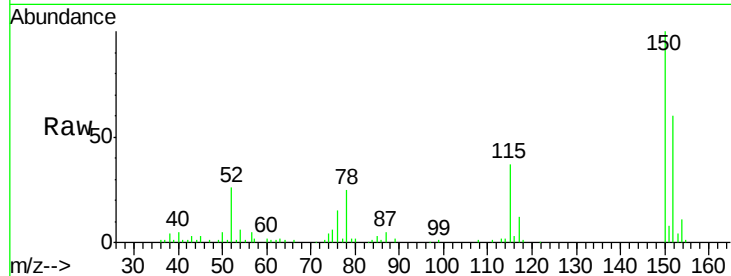


#1

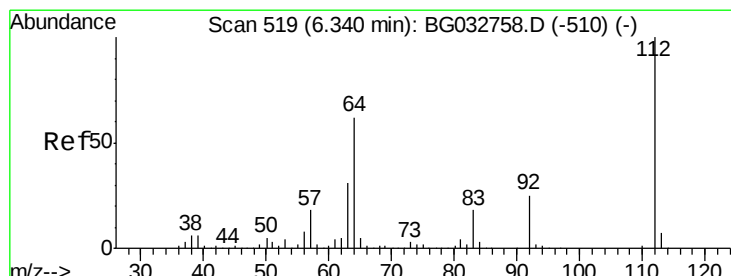
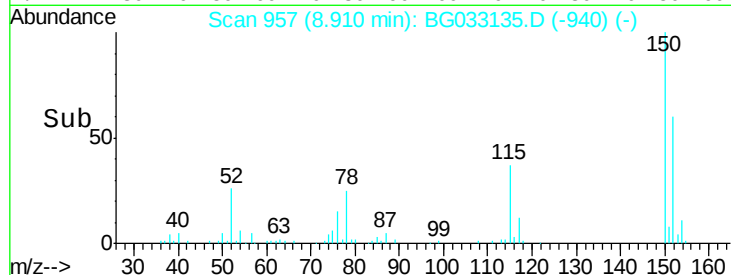
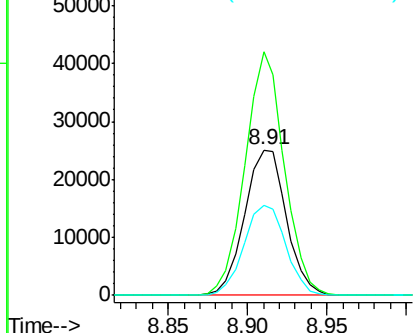
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 957
Delta R.T. 0.00 min
Lab File: BG033135.D
Acq: 14 Mar 2018 4:06

Instrument :
BNA_G
ClientSampled :
VB-44949

Tot Ion:152 Resp: 45731
Ion Ratio Lower Upper
152 100
150 167.4 126.6 189.8
115 62.2 53.0 79.4



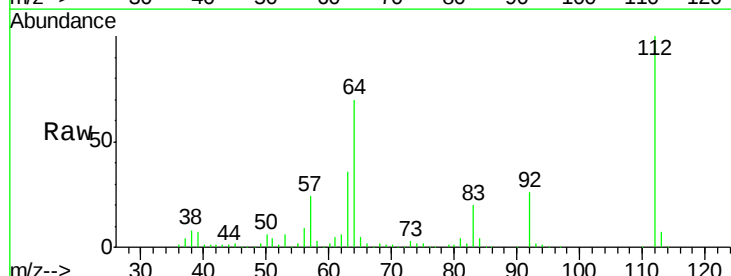
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



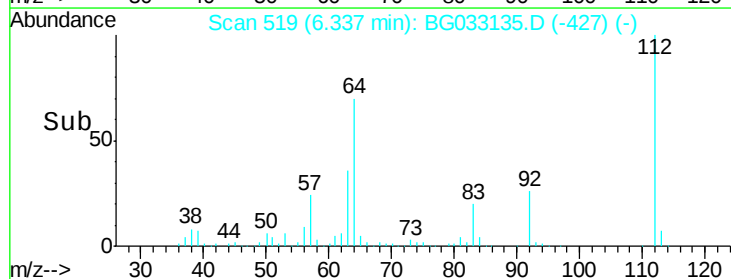
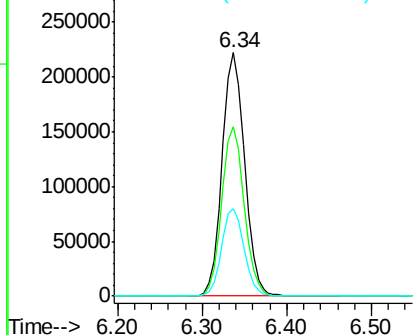
#5

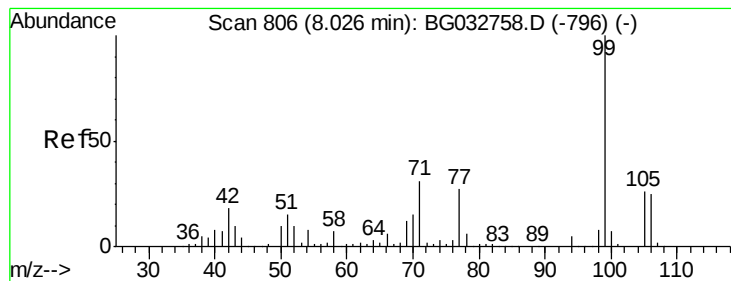
2-Fluorophenol
Concen: 143.637 ng
RT: 6.34 min Scan# 519
Delta R.T. 0.01 min
Lab File: BG033135.D
Acq: 14 Mar 2018 4:06

Tgt Ion:112 Resp: 410580
Ion Ratio Lower Upper
112 100
64 69.8 56.3 84.5
63 36.0 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: 119.051 ng

RT: 8.02 min Scan# 805

Delta R.T. 0.01 min

Lab File: BG033135.D

Acq: 14 Mar 2018 4:06

Instrument :

BNA_G

ClientSampleId :

VB-44949

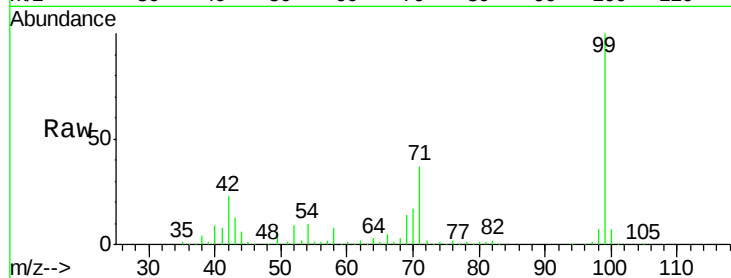
Tot Ion: 99 Resp: 474331

Ion Ratio Lower Upper

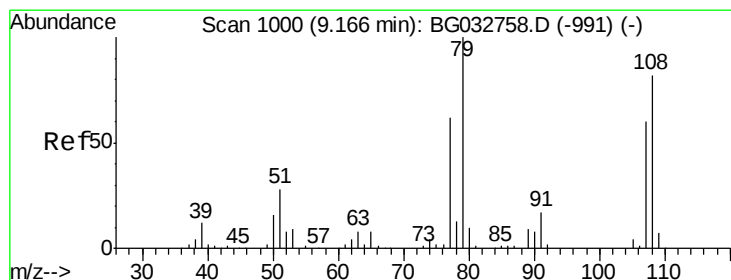
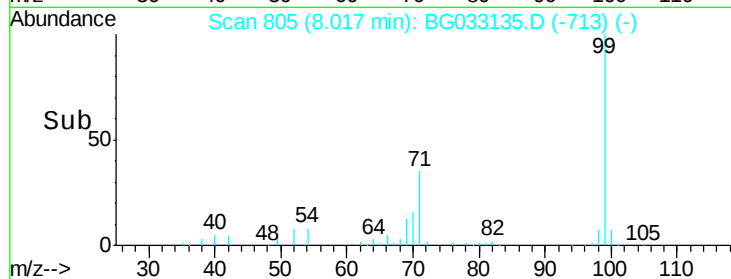
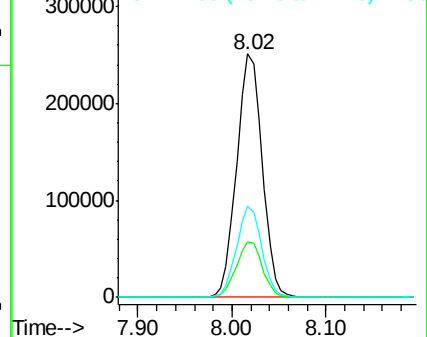
99 100

42 23.0 14.1 21.1#

71 37.3 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



#15

Benzyl Alcohol

Concen: 3.156 ng

RT: 9.17 min Scan# 1001

Delta R.T. 0.02 min

Lab File: BG033135.D

Acq: 14 Mar 2018 4:06

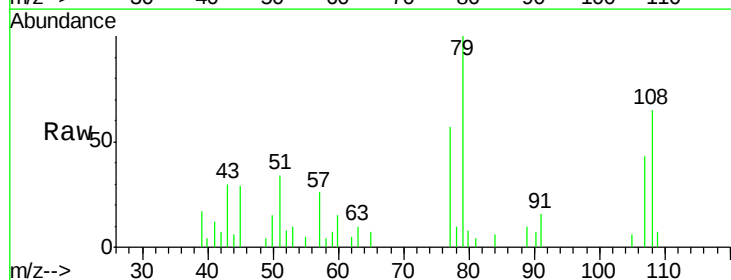
Tgt Ion: 79 Resp: 9245

Ion Ratio Lower Upper

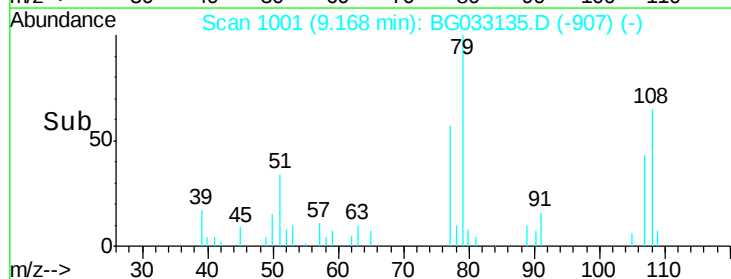
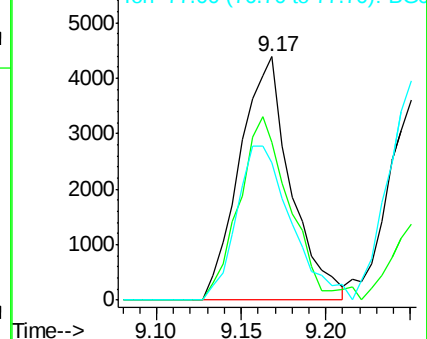
79 100

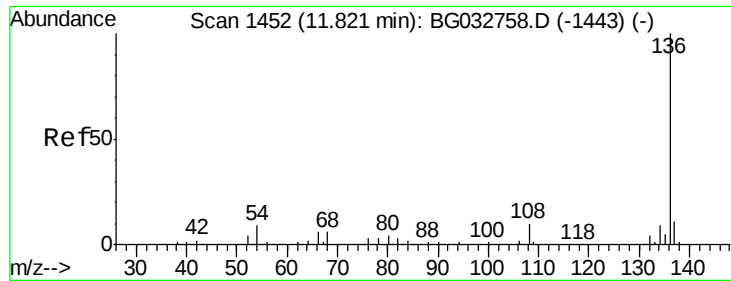
108 65.1 57.2 85.8

77 56.6 46.1 69.1



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

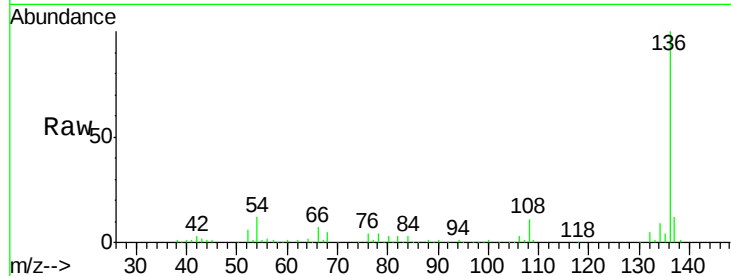




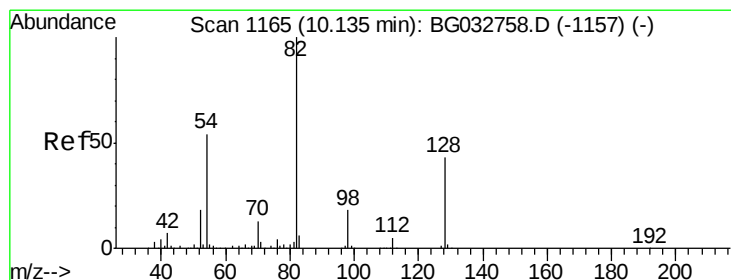
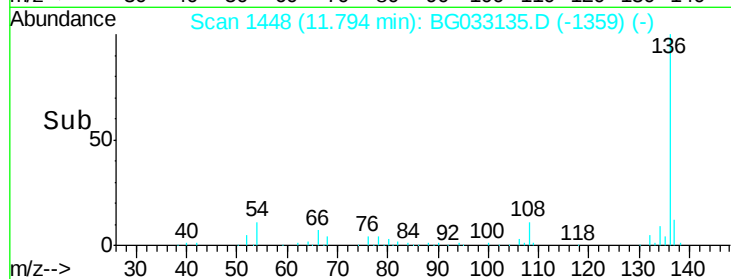
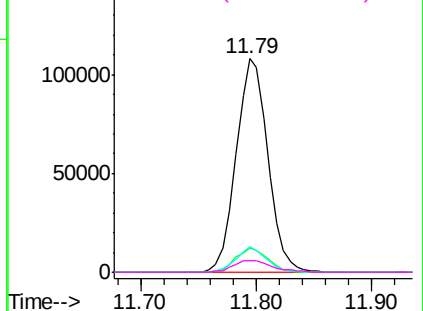
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.79 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BG033135.D
Acq: 14 Mar 2018 4:06

Instrument :
BNA_G
ClientSampleId :
VB-44949

Tot Ion:136	Resp:	205038
Ion Ratio	Lower	Upper
136	100	
137	11.5	9.2 13.8
54	11.7	10.3 15.5
68	5.3	4.5 6.7

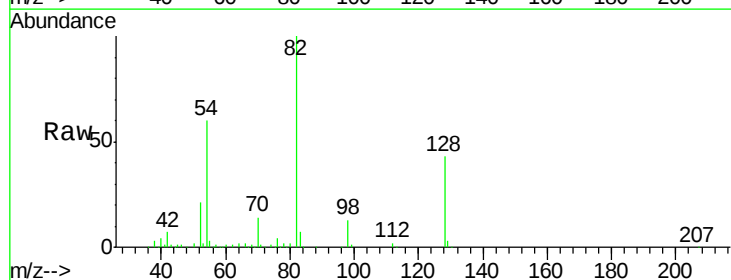


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

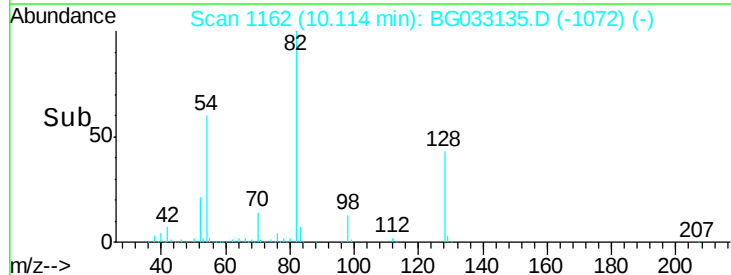
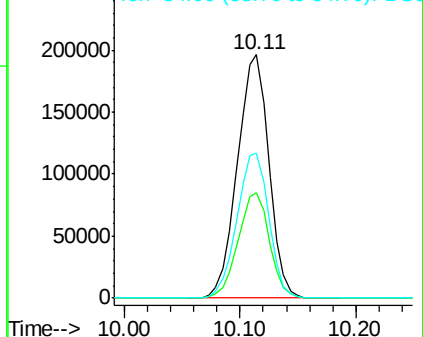


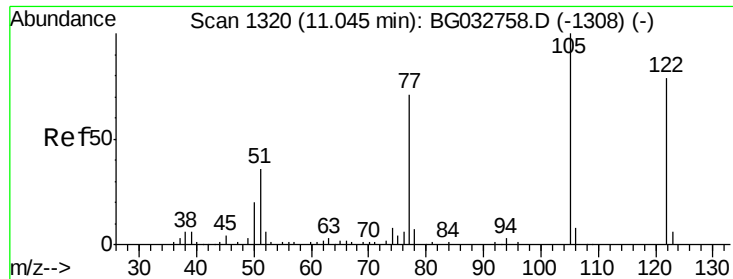
#23
Nitrobenzene-d5
Concen: 120.932 ng
RT: 10.11 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BG033135.D
Acq: 14 Mar 2018 4:06

Tgt Ion: 82	Resp:	371328
Ion Ratio	Lower	Upper
82	100	
128	43.2	29.7 44.5
54	59.7	43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

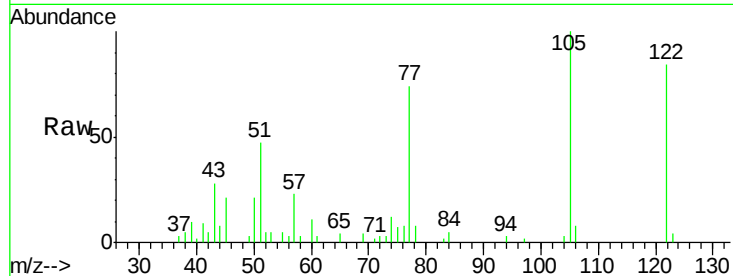




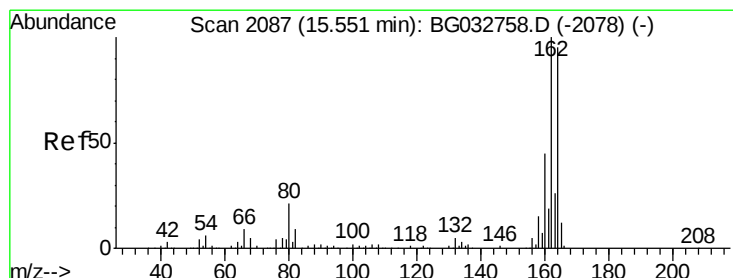
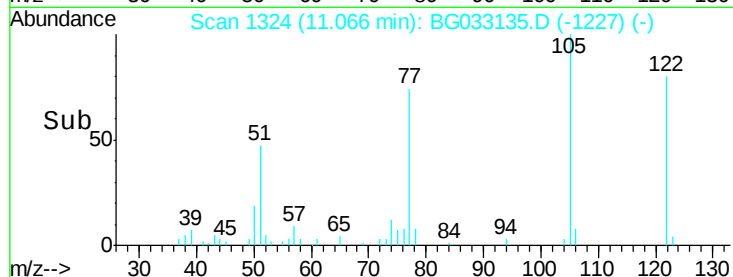
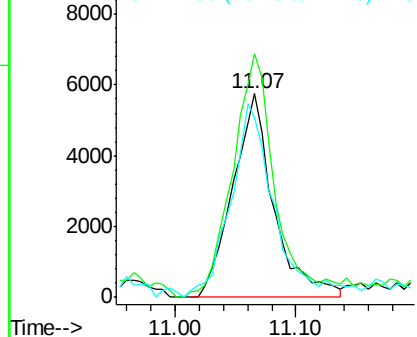
#32
Benzoic acid
Concen: 13.770 ng
RT: 11.07 min Scan# 1324
Delta R.T. 0.04 min
Lab File: BG033135.D
Acq: 14 Mar 2018 4:06

Instrument :
BNA_G
ClientSampleId :
VB-44949

Tot Ion:122 Resp: 13576
Ion Ratio Lower Upper
122 100
105 119.6 123.5 163.5#
77 88.5 85.7 125.7

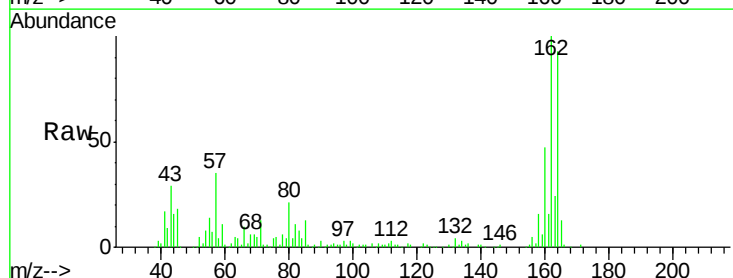


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): B

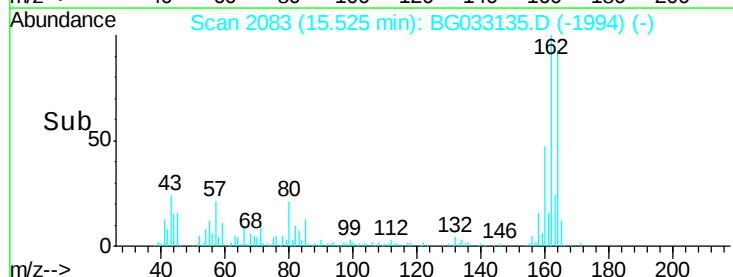
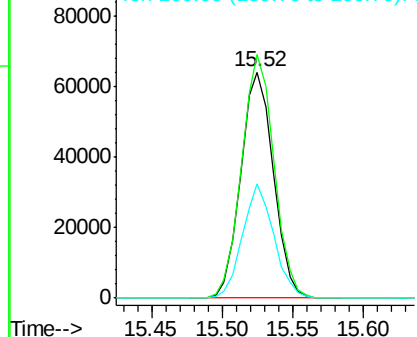


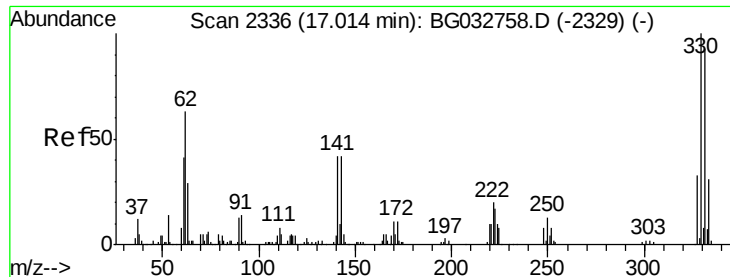
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.52 min Scan# 2083
Delta R.T. -0.01 min
Lab File: BG033135.D
Acq: 14 Mar 2018 4:06

Tgt Ion:164 Resp: 103413
Ion Ratio Lower Upper
164 100
162 107.9 78.8 118.2
160 50.5 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

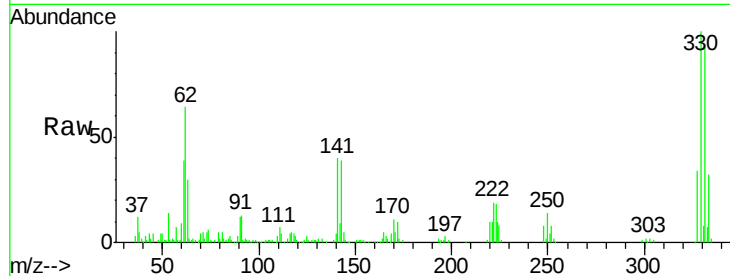




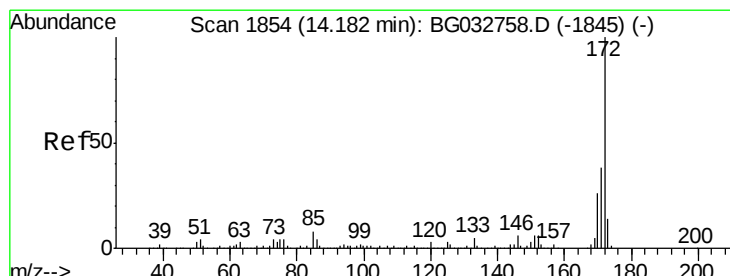
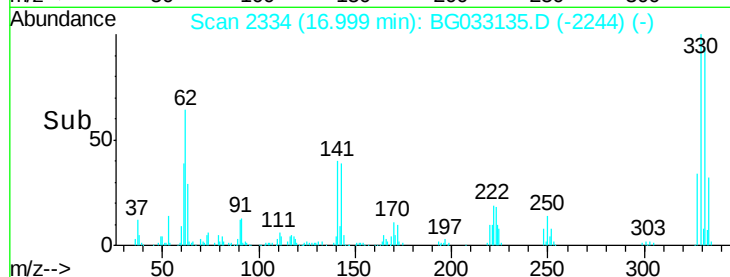
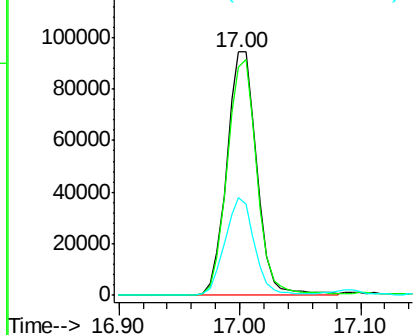
#41
 2,4,6-Tribromophenol
 Concen: 150.471 ng
 RT: 17.00 min Scan# 2334
 Delta R.T. 0.00 min
 Lab File: BG033135.D
 Acq: 14 Mar 2018 4:06

Instrument :
 BNA_G
 ClientSampleId :
 VB-44949

Tot Ion:330 Resp: 163615
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 39.0 25.2 37.8#

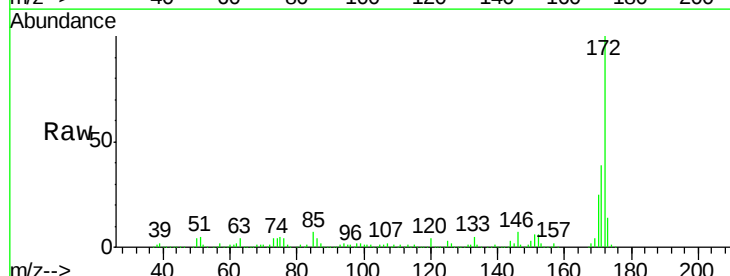


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

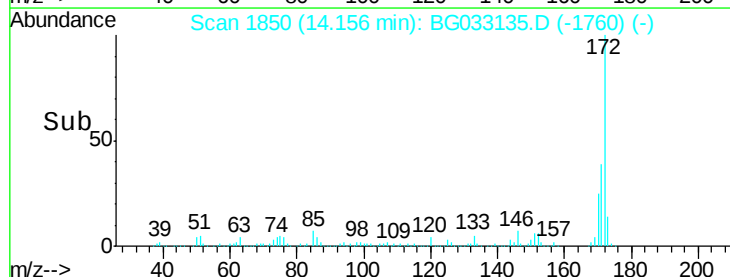
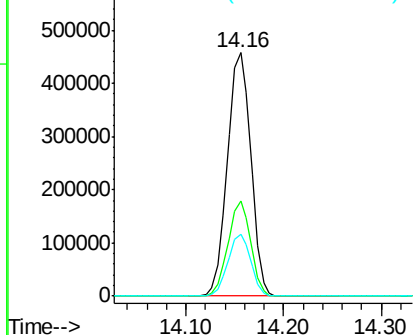


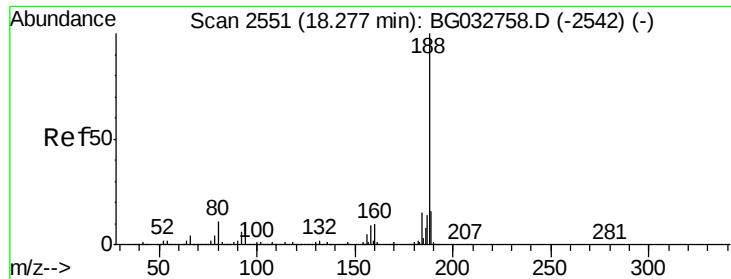
#44
 2-Fluorobiphenyl
 Concen: 106.467 ng
 RT: 14.16 min Scan# 1850
 Delta R.T. 0.00 min
 Lab File: BG033135.D
 Acq: 14 Mar 2018 4:06

Tgt Ion:172 Resp: 763395
 Ion Ratio Lower Upper
 172 100
 171 38.9 30.0 45.0
 170 25.4 19.5 29.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

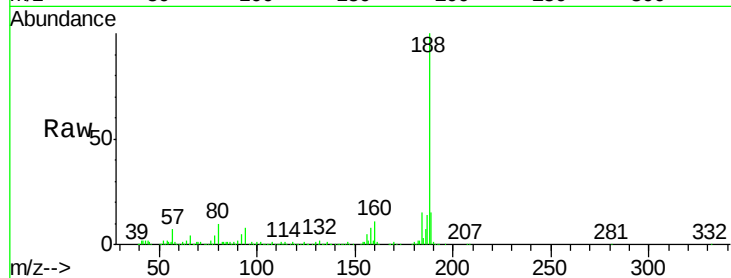




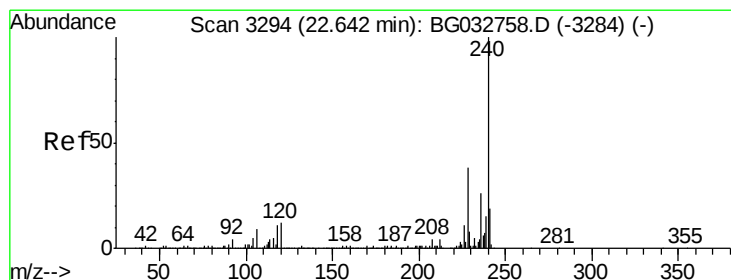
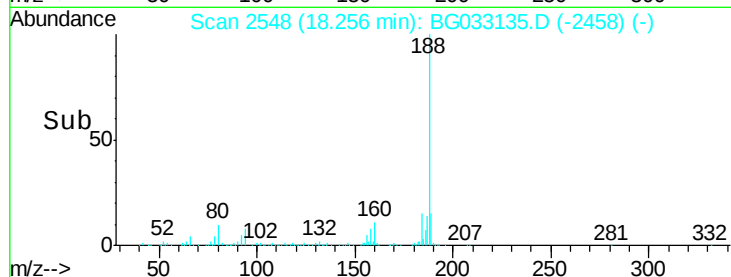
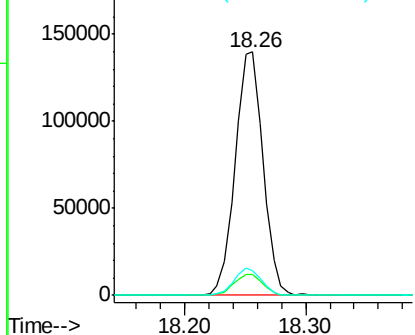
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.26 min Scan# 2548
Delta R.T. 0.00 min
Lab File: BG033135.D
Acq: 14 Mar 2018 4:06

Instrument :
BNA_G
ClientSampleId :
VB-44949

Tot Ion:188 Resp: 225157
Ion Ratio Lower Upper
188 100
94 8.5 6.9 10.3
80 10.2 7.7 11.5

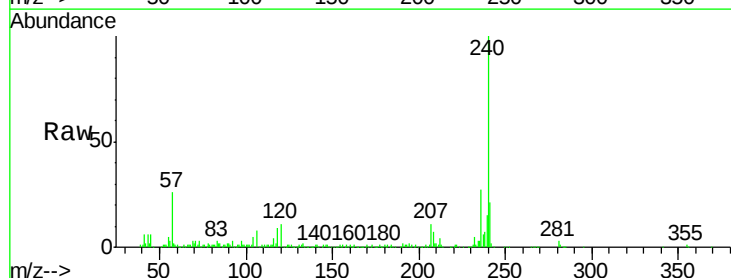


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

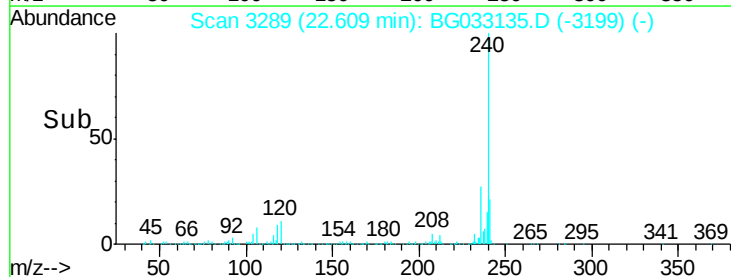
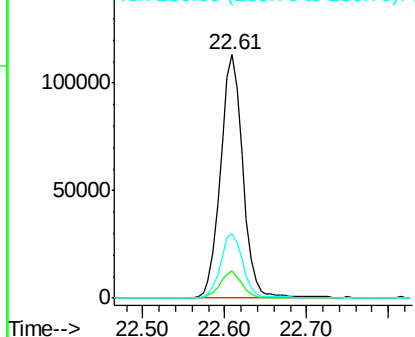


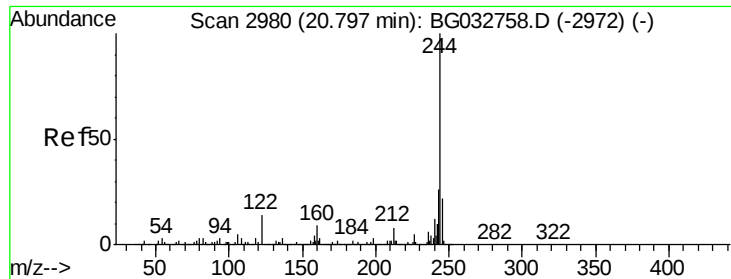
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.61 min Scan# 3289
Delta R.T. 0.00 min
Lab File: BG033135.D
Acq: 14 Mar 2018 4:06

Tgt Ion:240 Resp: 215871
Ion Ratio Lower Upper
240 100
120 11.2 6.8 10.2#
236 26.7 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: 107.607 ng

RT: 20.77 min Scan# 2976

Delta R.T. 0.00 min

Lab File: BG033135.D

Acq: 14 Mar 2018 4:06

Instrument :

BNA_G

ClientSampled :

VB-44949

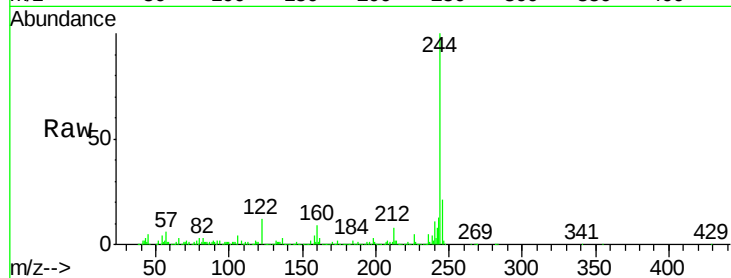
Tot Ion:244 Resp: 1033911

Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.8

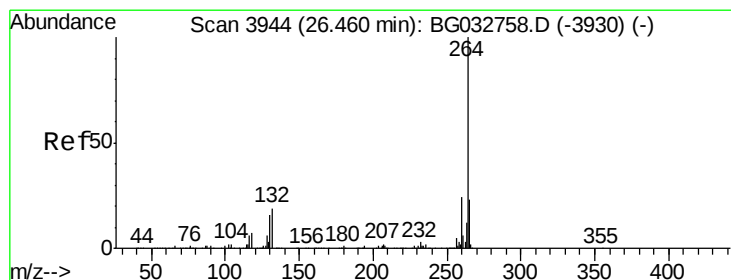
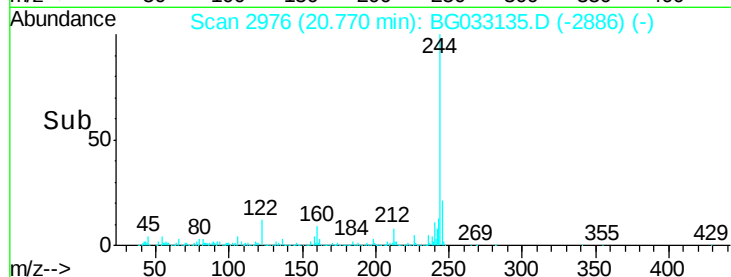
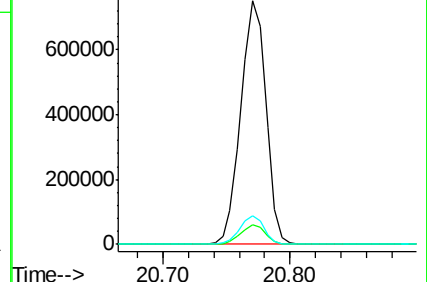
122 11.9 7.0 10.4#



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: 26.41 min Scan# 3936

Delta R.T. 0.00 min

Lab File: BG033135.D

Acq: 14 Mar 2018 4:06

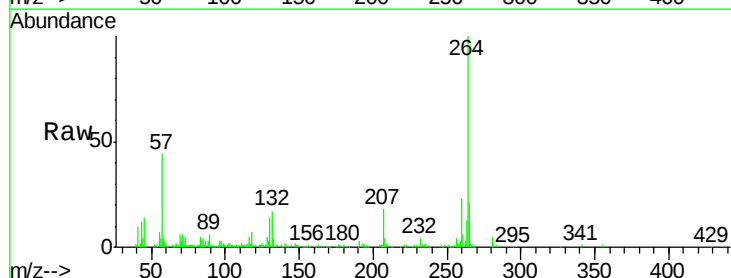
Tgt Ion:264 Resp: 232982

Ion Ratio Lower Upper

264 100

260 23.1 17.4 26.0

265 21.5 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

