

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121217\
 Data File : BG031501.D
 Acq On : 12 Dec 2017 20:48
 Operator : SJ/JU
 Sample : I6824-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TW-4

Quant Time: Dec 13 05:55:50 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

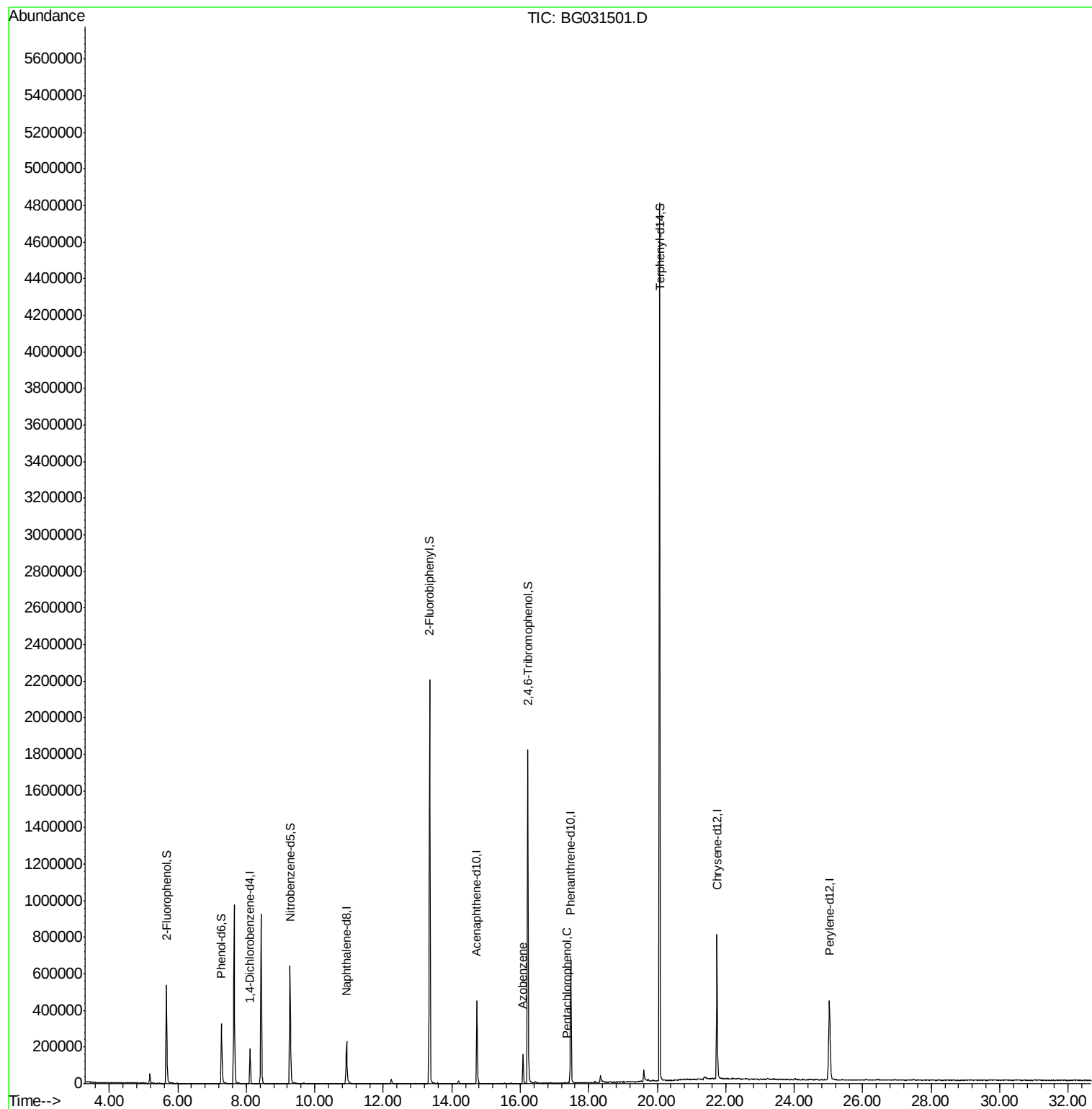
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	61033	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	262637	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	172897	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	462260	20.00	ng	0.00
75) Chrysene-d12	21.74	240	530363	20.00	ng	0.00
86) Perylene-d12	25.03	264	511364	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	274595	79.75	ng	0.00
7) Phenol-d6	7.28	99	219869	46.00	ng	0.00
23) Nitrobenzene-d5	9.27	82	448549	105.27	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	369470	182.40	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	1287476	109.30	ng	0.00
78) Terphenyl-d14	20.07	244	2272302	97.48	ng	0.00
Target Compounds						
62) Azobenzene	16.08	77	48584	4.088	ng	# 1
69) Pentachlorophenol	17.34	266	62	5.683	ng	# 19

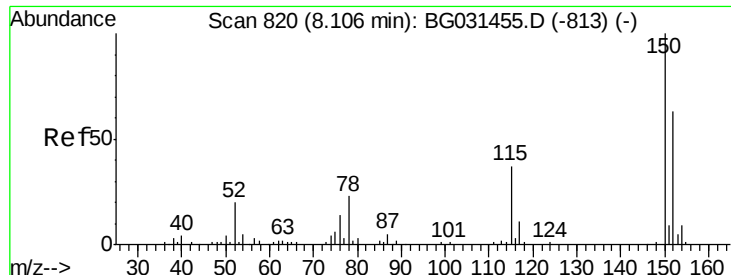
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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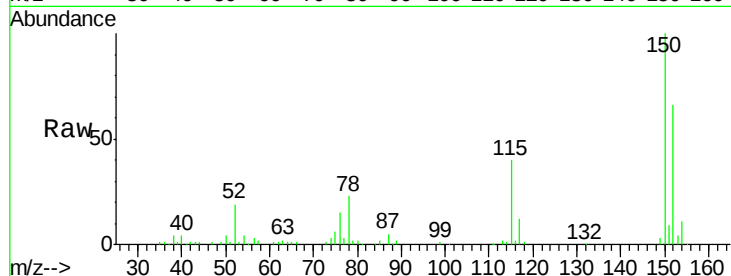


#1

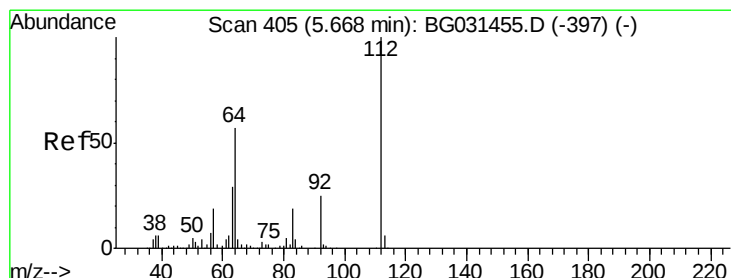
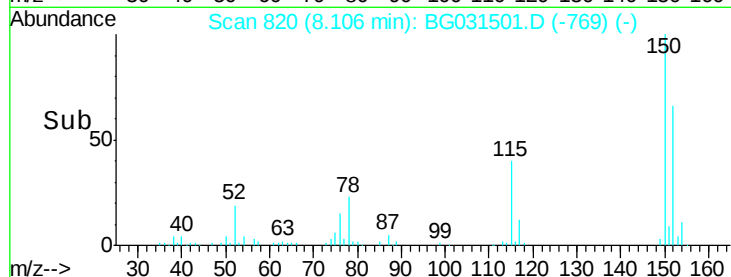
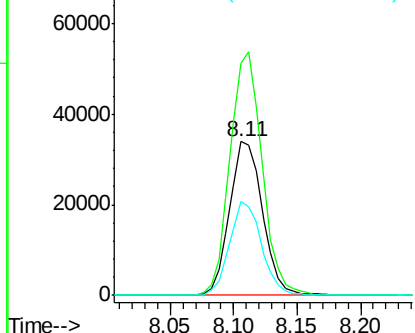
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG031501.D
Acq: 12 Dec 2017 20:48

Instrument :
BNA_G
ClientSampleId :
TW-4

Tot Ion:152 Resp: 61033
Ion Ratio Lower Upper
152 100
150 151.3 126.6 189.8
115 61.2 53.0 79.4



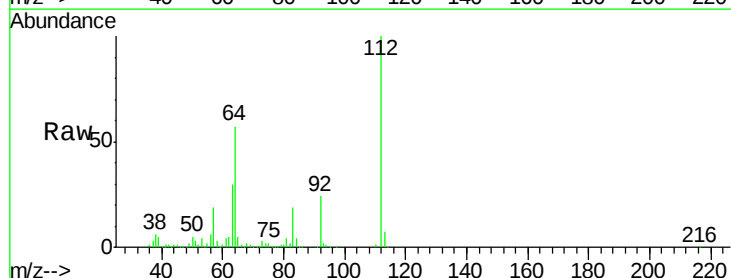
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



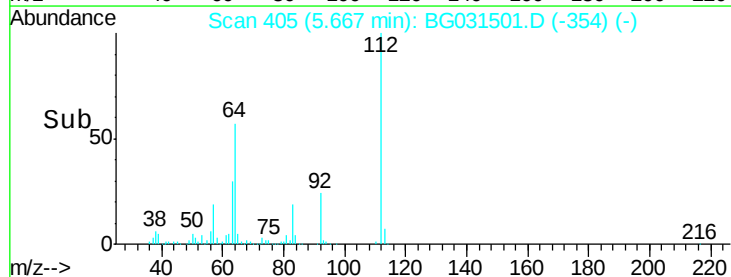
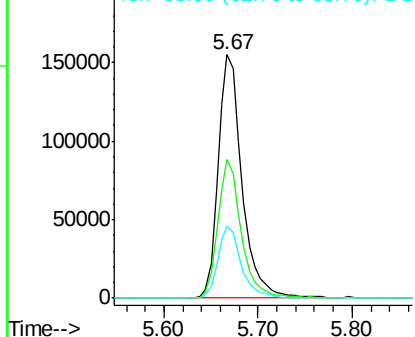
#5

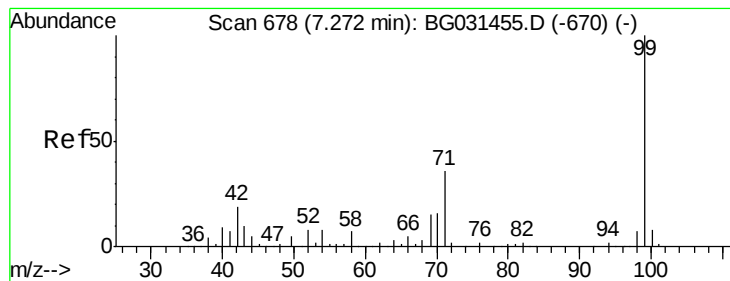
2-Fluorophenol
Concen: 79.748 ng
RT: 5.67 min Scan# 405
Delta R.T. 0.00 min
Lab File: BG031501.D
Acq: 12 Dec 2017 20:48

Tgt Ion:112 Resp: 274595
Ion Ratio Lower Upper
112 100
64 57.1 56.3 84.5
63 29.6 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: 45.997 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.01 min

Lab File: BG031501.D

Acq: 12 Dec 2017 20:48

Instrument :

BNA_G

ClientSampleId :

TW-4

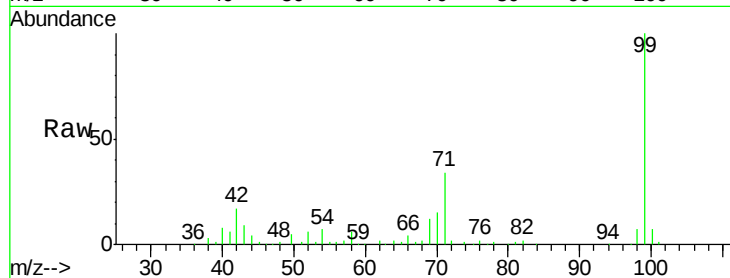
Tot Ion: 99 Resp: 219869

Ion Ratio Lower Upper

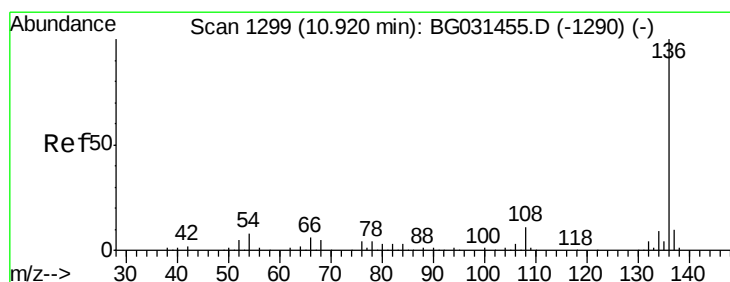
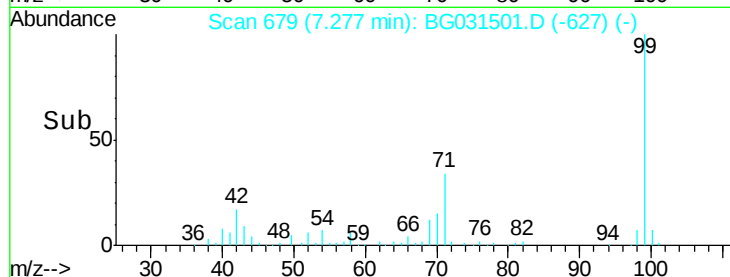
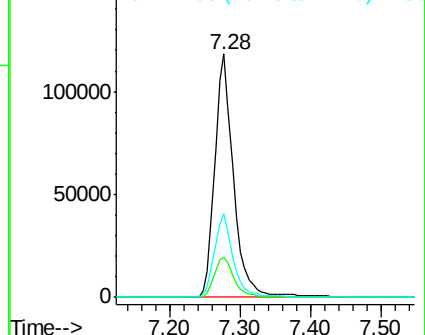
99 100

42 16.7 14.1 21.1

71 34.3 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.93 min Scan# 1300

Delta R.T. 0.01 min

Lab File: BG031501.D

Acq: 12 Dec 2017 20:48

Tgt Ion: 136 Resp: 262637

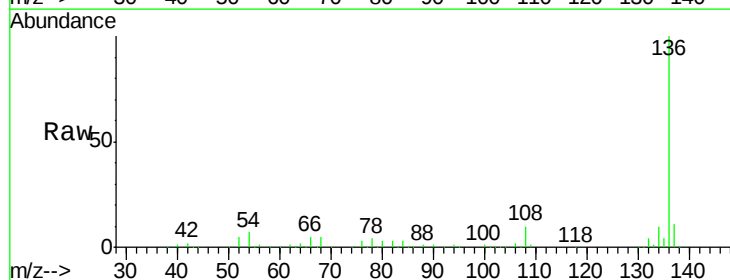
Ion Ratio Lower Upper

136 100

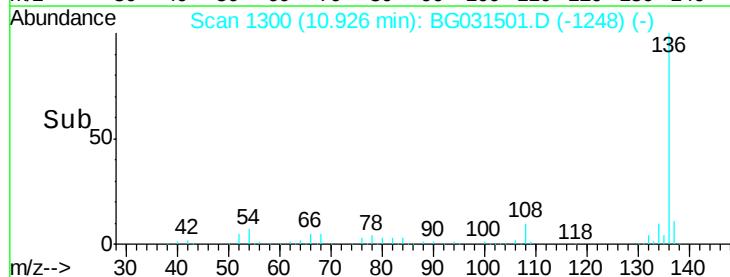
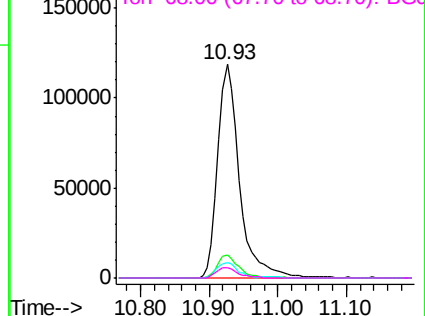
137 10.7 9.2 13.8

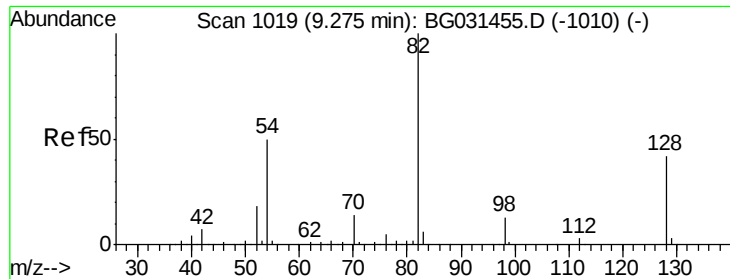
54 7.2 10.3 15.5#

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

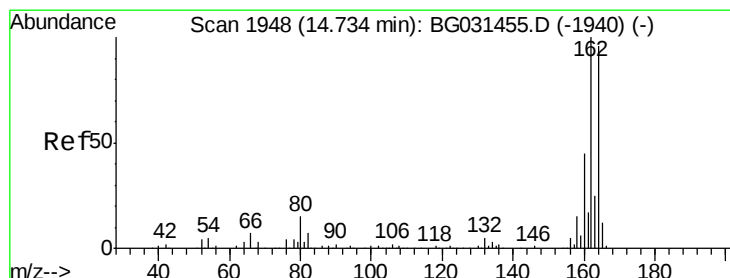
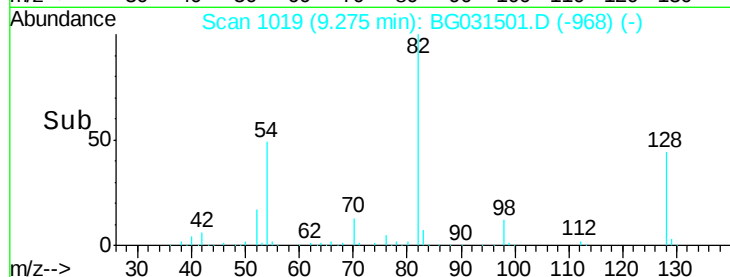
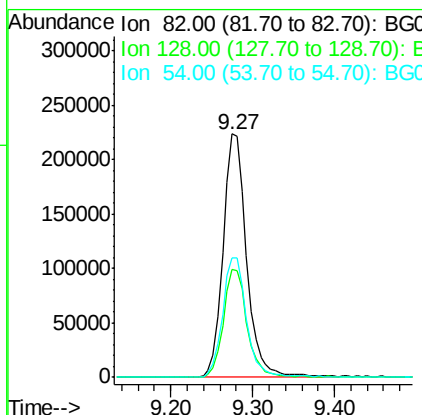
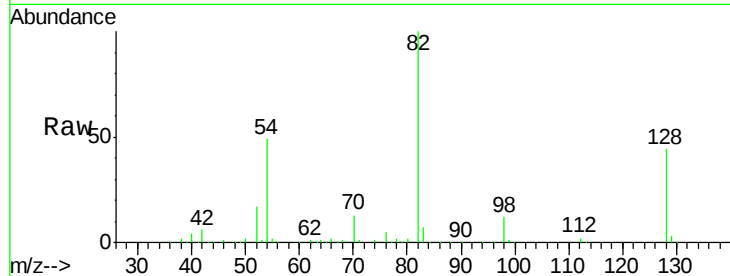




#23
Nitrobenzene-d5
Concen: 105.267 ng
RT: 9.27 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BG031501.D
Acq: 12 Dec 2017 20:48

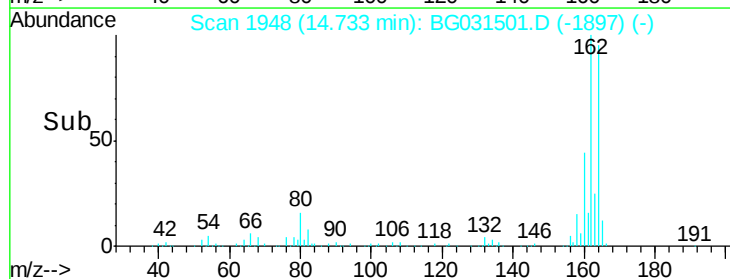
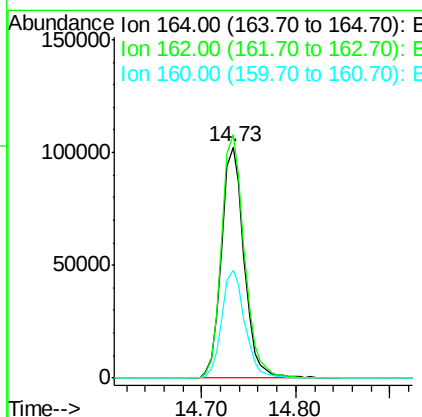
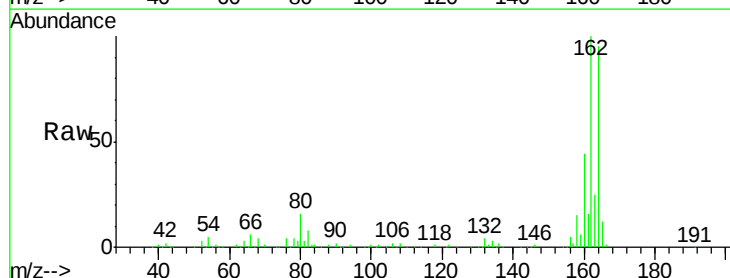
Instrument :
BNA_G
ClientSampleId :
TW-4

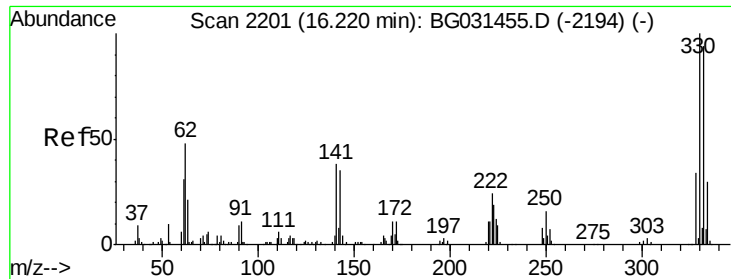
Tot Ion	82	Resp	448549
Ion Ratio	100	Lower	Upper
128	44.1	29.7	44.5
54	49.2	43.1	64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.00 min
Lab File: BG031501.D
Acq: 12 Dec 2017 20:48

Tgt Ion	164	Resp	172897
Ion Ratio	100	Lower	Upper
162	105.3	78.8	118.2
160	46.6	35.4	53.0

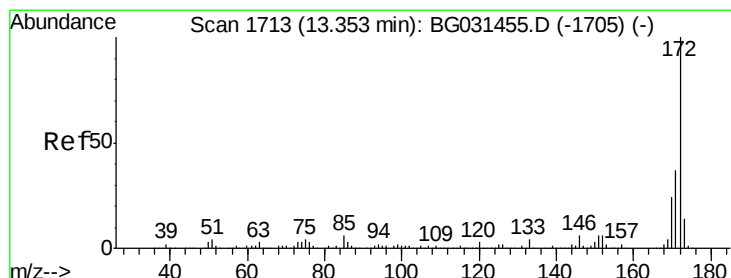
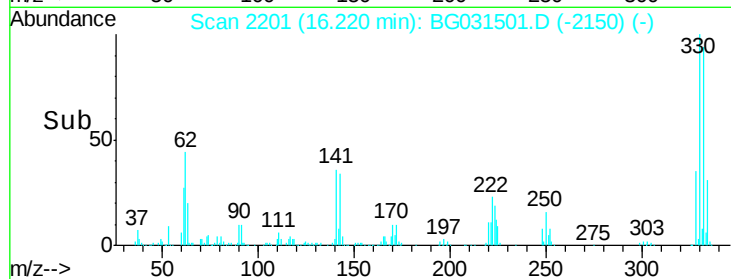
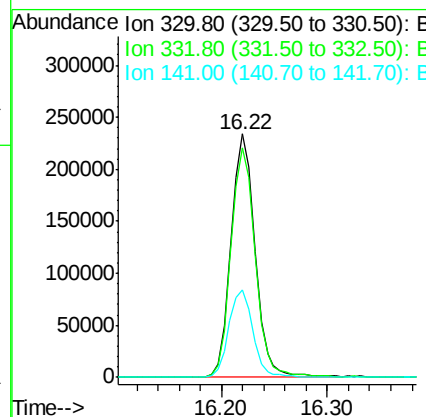
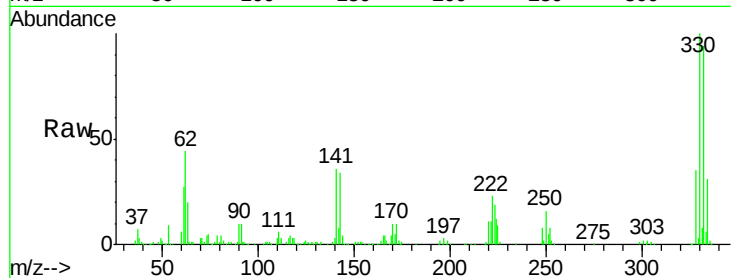




#41
 2,4,6-Tribromophenol
 Concen: 182.404 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.00 min
 Lab File: BG031501.D
 Acq: 12 Dec 2017 20:48

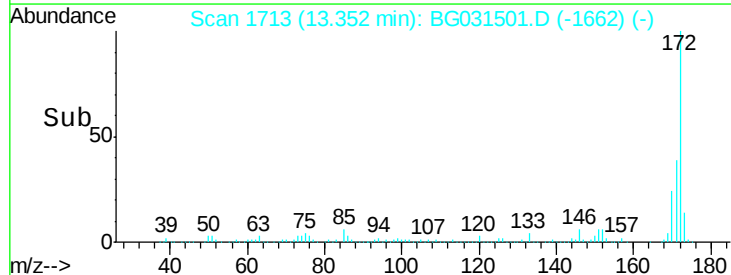
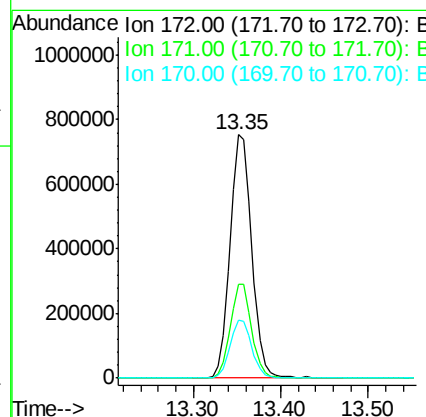
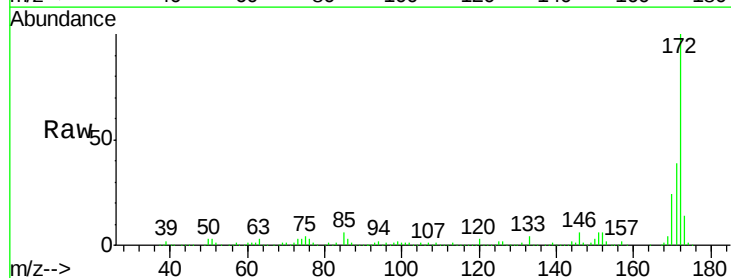
Instrument :
 BNA_G
 ClientSampleId :
 TW-4

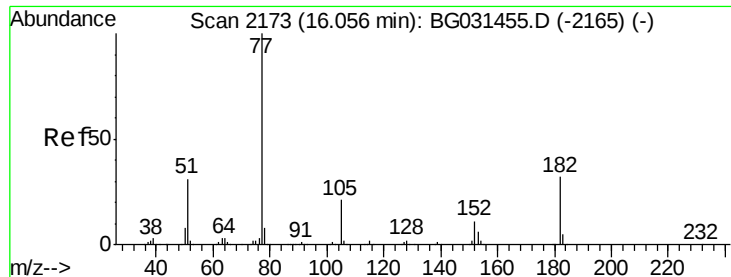
Tot Ion:330 Resp: 369470
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.0 115.6
 141 36.3 25.2 37.8



#44
 2-Fluorobiphenyl
 Concen: 109.305 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: BG031501.D
 Acq: 12 Dec 2017 20:48

Tgt Ion:172 Resp: 1287476
 Ion Ratio Lower Upper
 172 100
 171 38.7 30.0 45.0
 170 23.9 19.5 29.3





#62

Azobenzene

Concen: 4.088 ng

RT: 16.08 min Scan# 2177

Delta R.T. 0.02 min

Lab File: BG031501.D

Acq: 12 Dec 2017 20:48

Instrument :

BNA_G

ClientSampleId :

TW-4

Tot Ion: 77 Resp: 48584

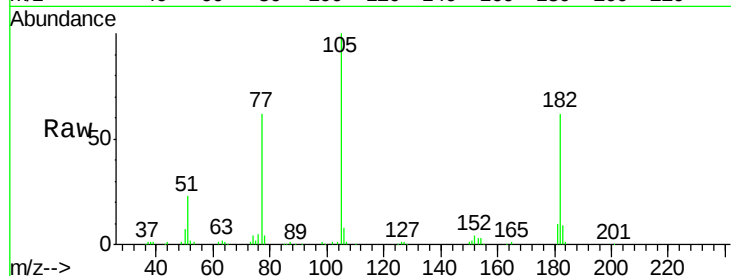
Ion Ratio Lower Upper

77 100

182 99.6 7.4 47.4#

105 160.7 0.3 40.3#

51 36.6 11.6 51.6

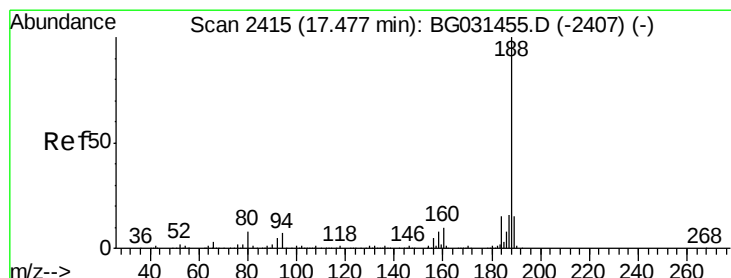
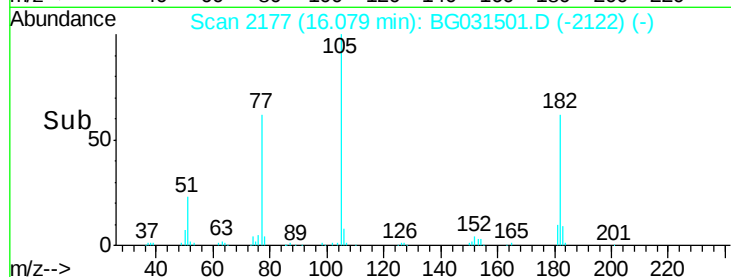
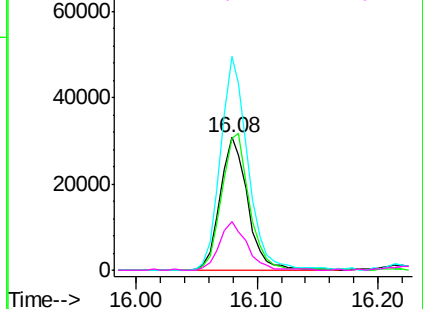


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2415

Delta R.T. -0.00 min

Lab File: BG031501.D

Acq: 12 Dec 2017 20:48

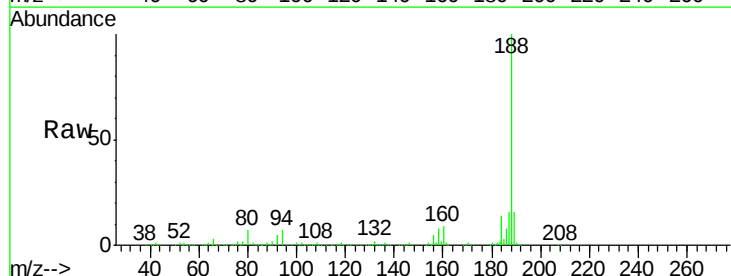
Tgt Ion: 188 Resp: 462260

Ion Ratio Lower Upper

188 100

94 7.2 6.9 10.3

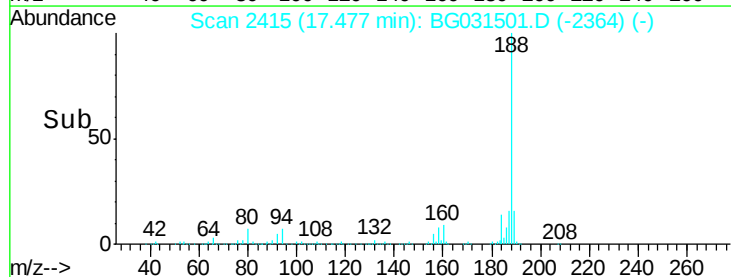
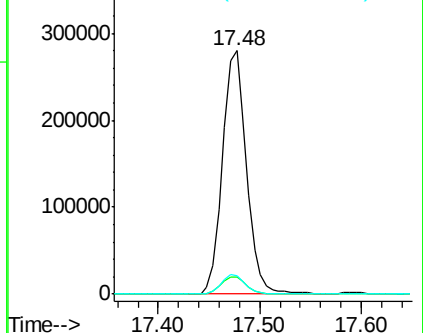
80 7.5 7.7 11.5#

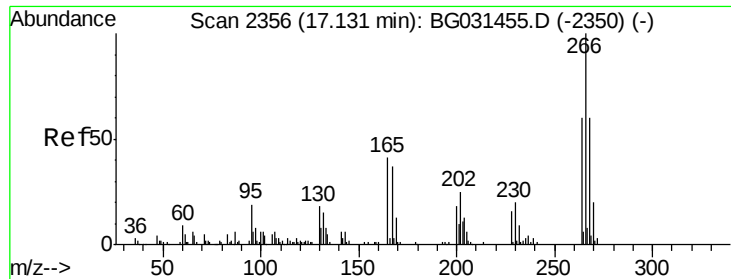


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

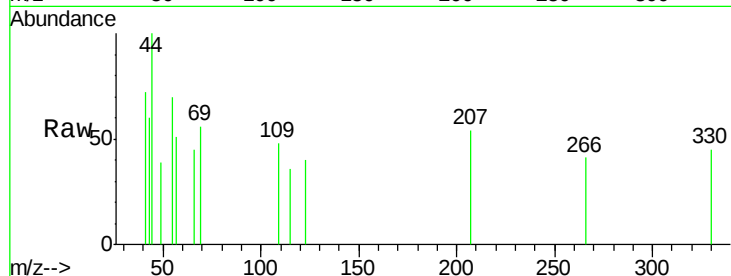




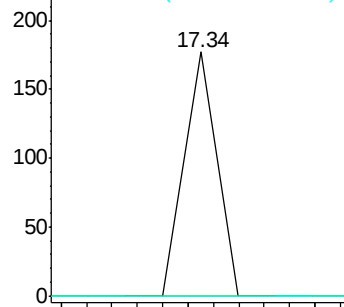
#69
 Pentachlorophenol
 Concen: 5.683 ng
 RT: 17.34 min Scan# 2392
 Delta R.T. 0.21 min
 Lab File: BG031501.D
 Acq: 12 Dec 2017 20:48

Instrument :
 BNA_G
 ClientSampleId :
 TW-4

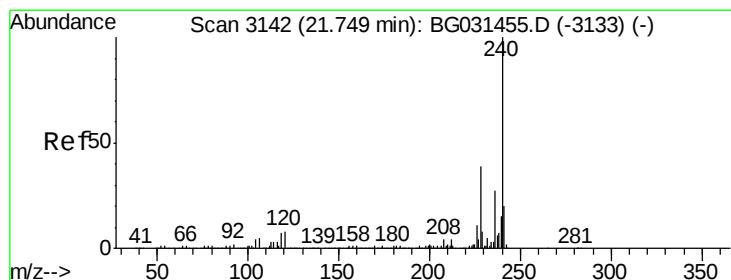
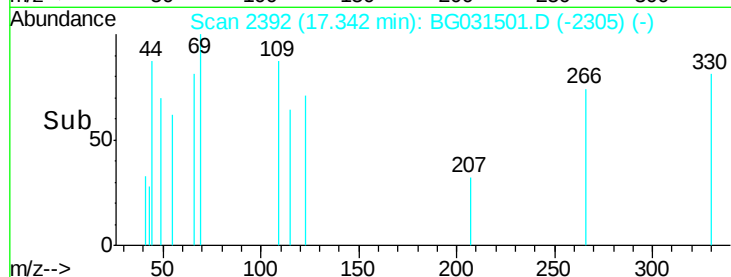
Tot Ion:266 Resp: 62
 Ion Ratio Lower Upper
 266 100
 268 0.0 51.1 76.7#
 264 0.0 49.6 74.4#



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

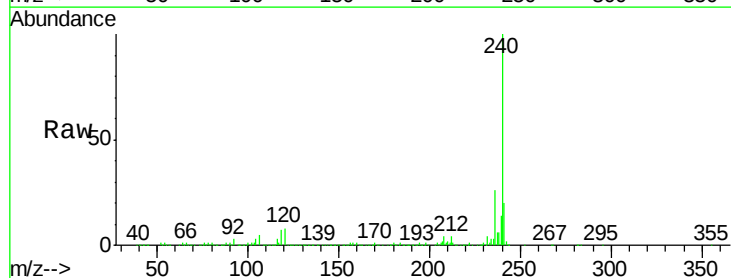


Time--> 17.32 17.34 17.36

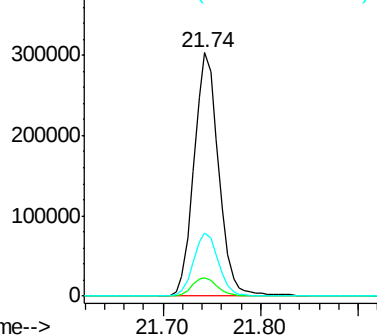


#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.74 min Scan# 3141
 Delta R.T. -0.01 min
 Lab File: BG031501.D
 Acq: 12 Dec 2017 20:48

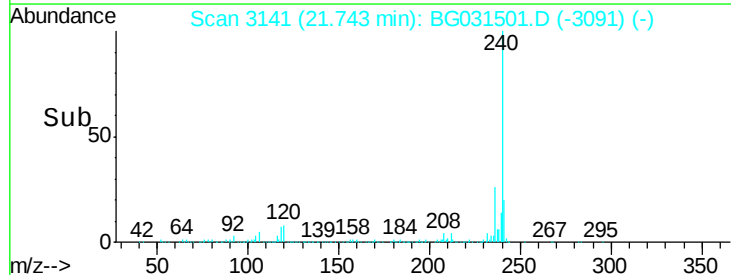
Tgt Ion:240 Resp: 530363
 Ion Ratio Lower Upper
 240 100
 120 7.6 6.8 10.2
 236 26.0 20.9 31.3

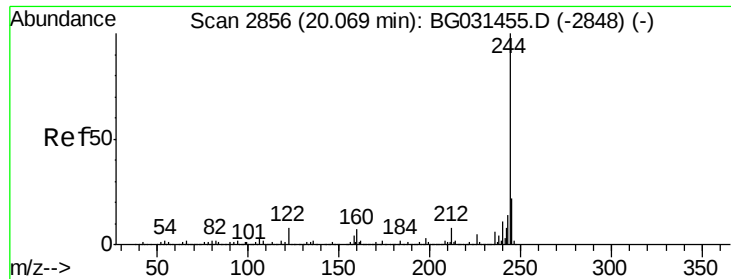


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E



Time--> 21.70 21.80





#78

Terphenyl-d14

Concen: 97.478 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG031501.D

Acq: 12 Dec 2017 20:48

Instrument :

BNA_G

ClientSampleId :

TW-4

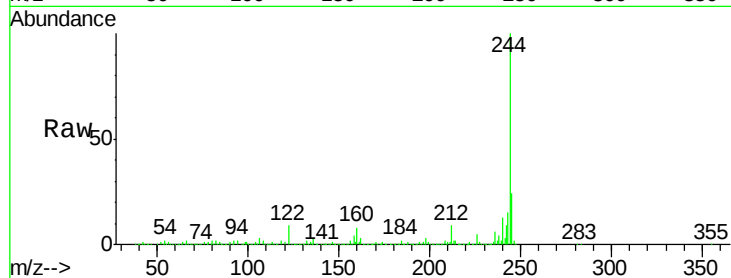
Tot Ion:244 Resp: 2272302

Ion Ratio Lower Upper

244 100

212 9.2 5.8 8.8#

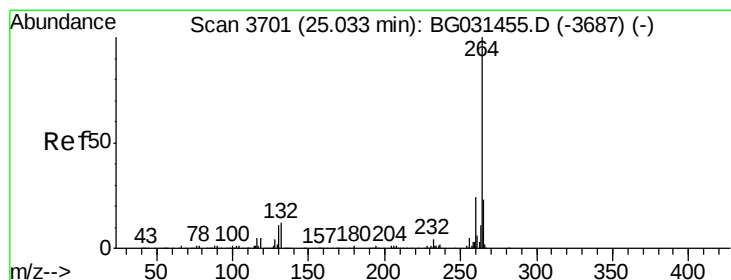
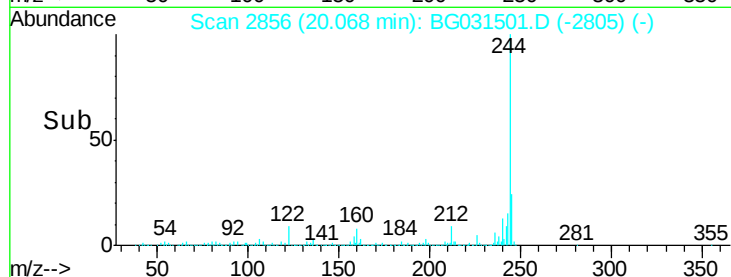
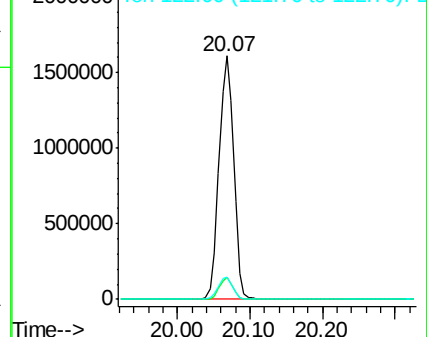
122 9.3 7.0 10.4



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: 25.03 min Scan# 3700

Delta R.T. -0.01 min

Lab File: BG031501.D

Acq: 12 Dec 2017 20:48

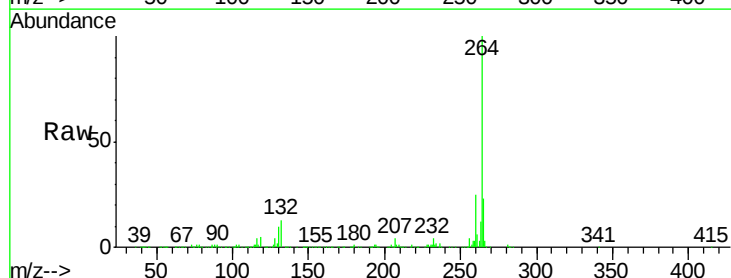
Tgt Ion:264 Resp: 511364

Ion Ratio Lower Upper

264 100

260 25.3 17.4 26.0

265 23.1 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

