

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120117\
 Data File : BG031322.D
 Acq On : 1 Dec 2017 17:47
 Operator : SJ/JU
 Sample : I6671-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ENV-106-1(10-15)

Quant Time: Dec 02 01:58:08 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

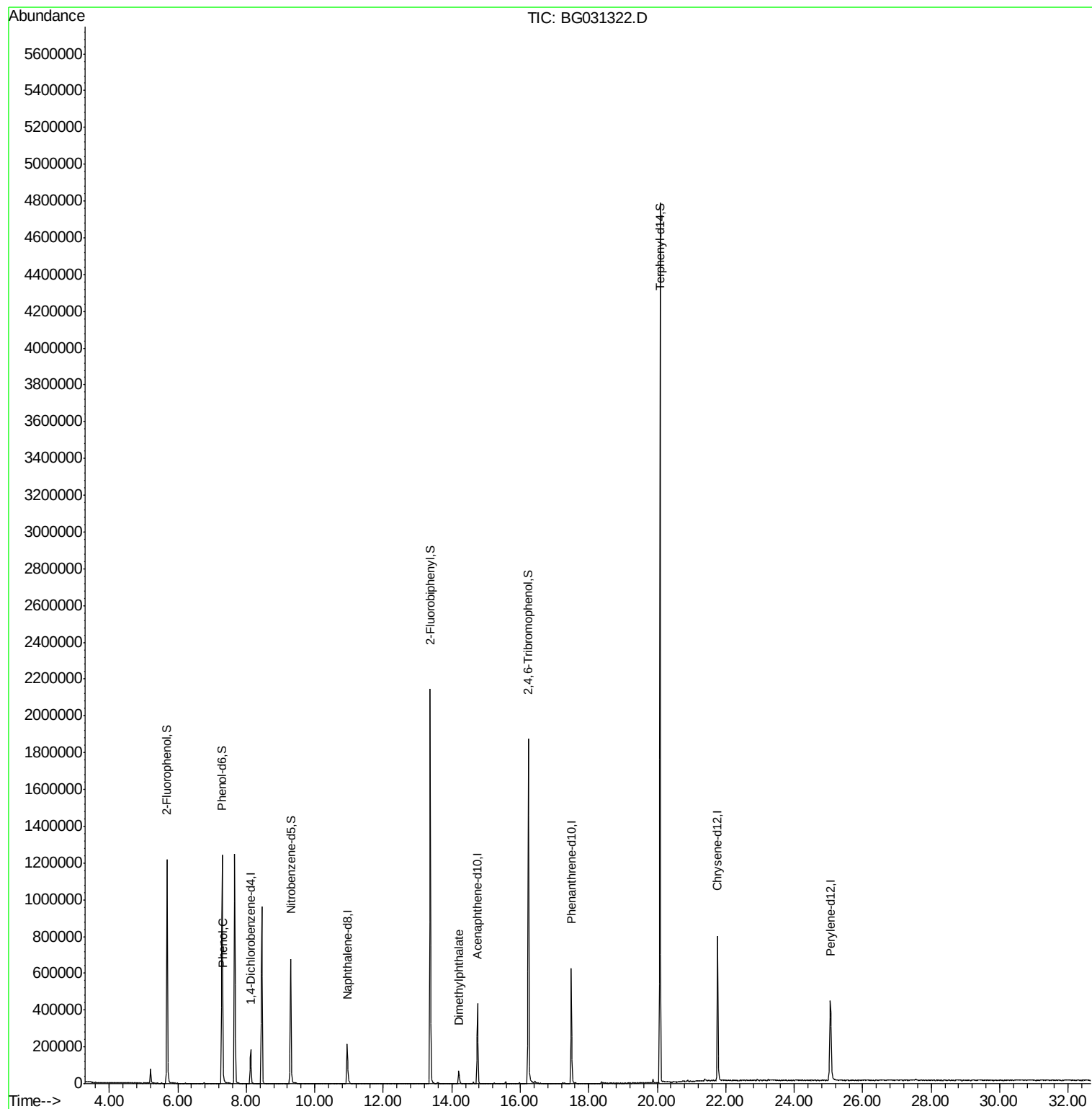
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	59784	20.00	ng	-0.03
21) Naphthalene-d8	10.95	136	251900	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	166355	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	455522	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	534381	20.00	ng	-0.02
86) Perylene-d12	25.06	264	514085	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	624108	179.01	ng	-0.02
7) Phenol-d6	7.30	99	803677	171.10	ng	-0.01
23) Nitrobenzene-d5	9.30	82	470792	110.75	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	409634	152.22	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	1264868	109.25	ng	-0.03
78) Terphenyl-d14	20.08	244	2306616	95.31	ng	-0.02
Target Compounds						
10) Phenol	7.32	94	28925	5.93	ng	92
49) Dimethylphthalate	14.21	163	82720	5.75	ng	99

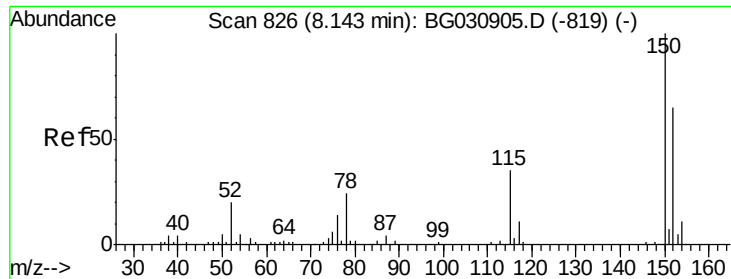
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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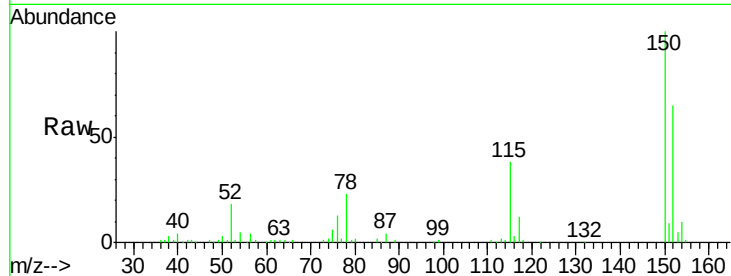


#1

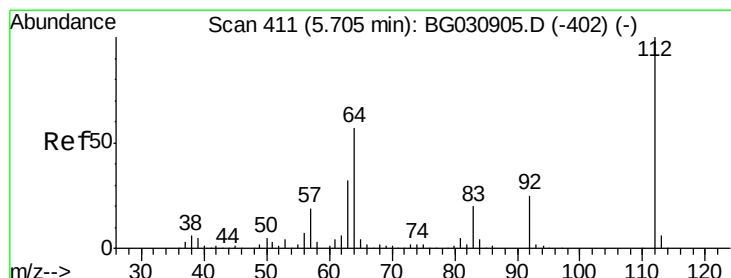
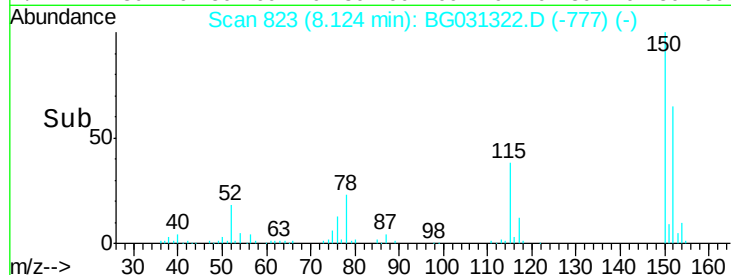
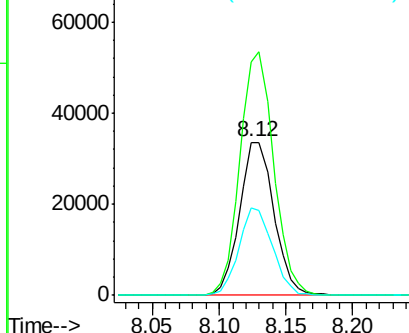
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.12 min Scan# 823
 Delta R.T. -0.03 min
 Lab File: BG031322.D
 Acq: 1 Dec 2017 17:47

Instrument :
 BNA_G
 ClientSampleId :
 ENV-106-1(10-15)

Tot Ion:152 Resp: 59784
 Ion Ratio Lower Upper
 152 100
 150 153.1 126.6 189.8
 115 57.6 53.0 79.4



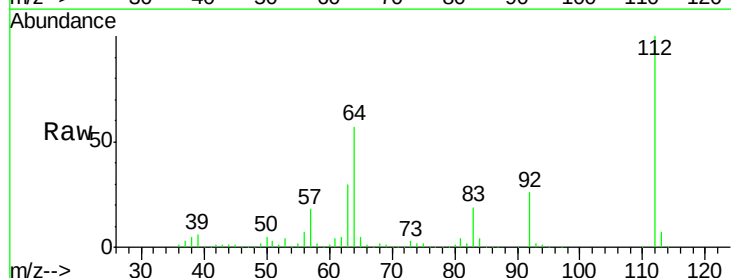
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



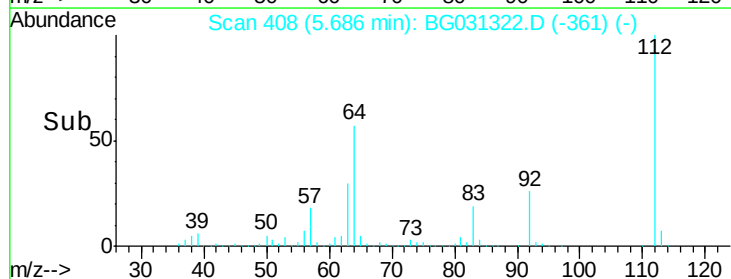
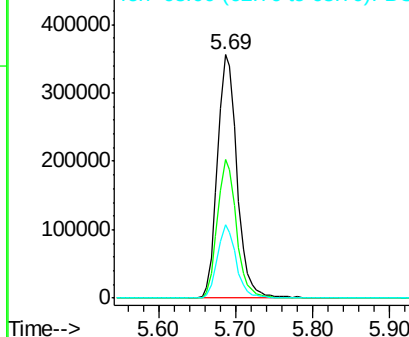
#5

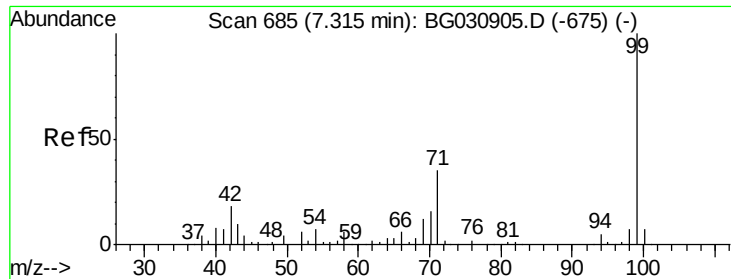
2-Fluorophenol
 Concen: 179.01 ng
 RT: 5.69 min Scan# 408
 Delta R.T. -0.02 min
 Lab File: BG031322.D
 Acq: 1 Dec 2017 17:47

Tgt Ion:112 Resp: 624108
 Ion Ratio Lower Upper
 112 100
 64 56.7 56.3 84.5
 63 30.1 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: 171.10 ng

RT: 7.30 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031322.D

Acq: 1 Dec 2017 17:47

Instrument :

BNA_G

ClientSampleId :

ENV-106-1(10-15)

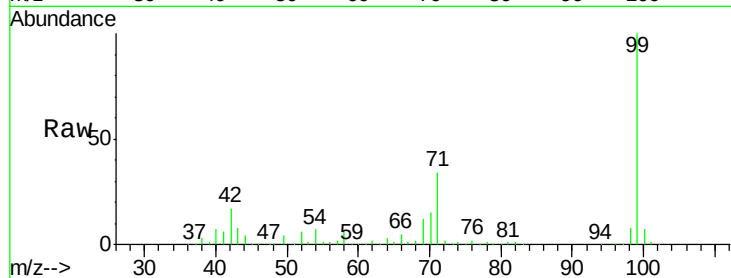
Tot Ion: 99 Resp: 803677

Ion Ratio Lower Upper

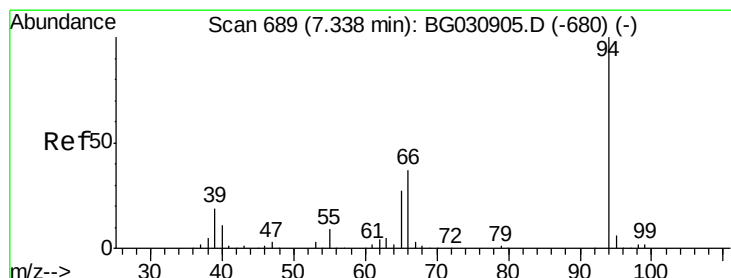
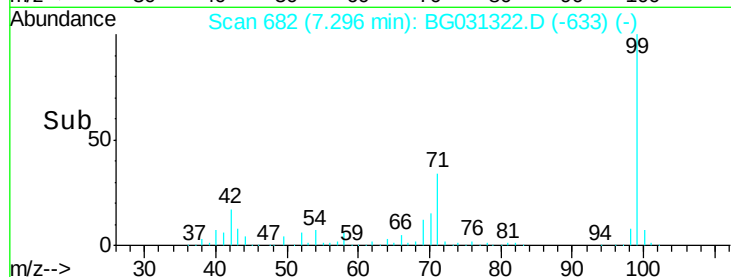
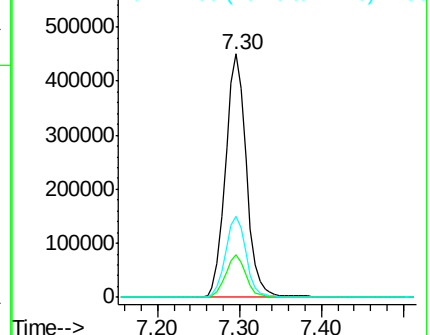
99 100

42 17.4 14.1 21.1

71 33.5 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



#10

Phenol

Concen: 5.93 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.02 min

Lab File: BG031322.D

Acq: 1 Dec 2017 17:47

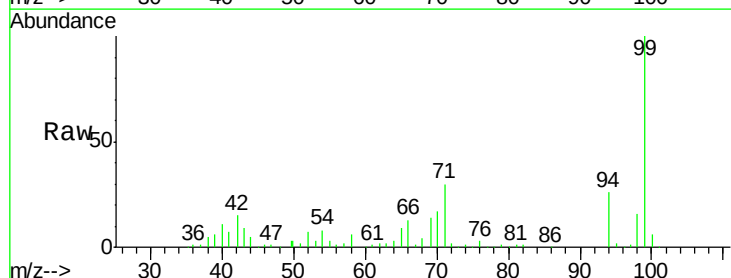
Tgt Ion: 94 Resp: 28925

Ion Ratio Lower Upper

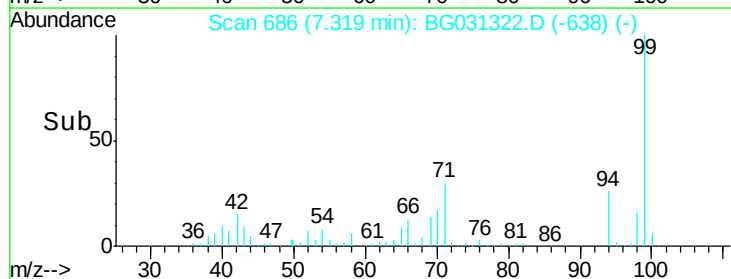
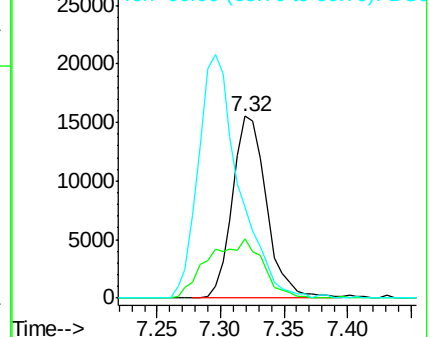
94 100

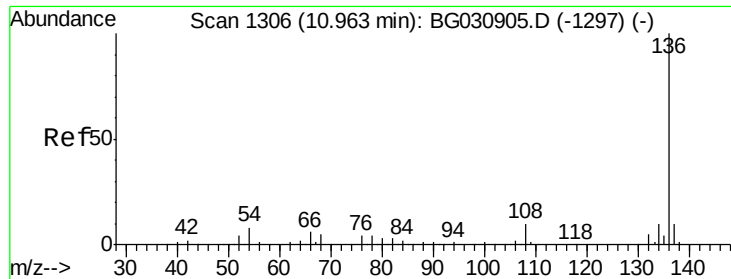
65 32.9 11.9 51.9

66 50.5 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

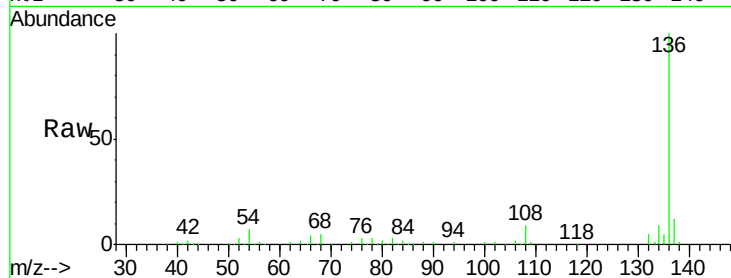




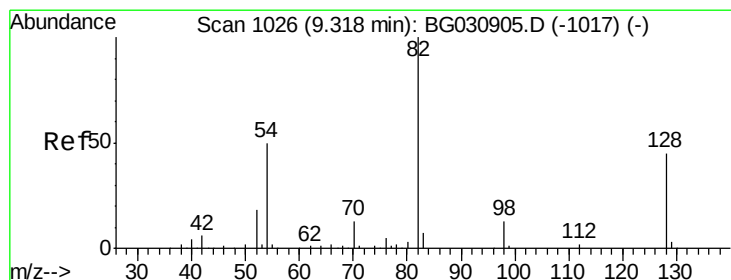
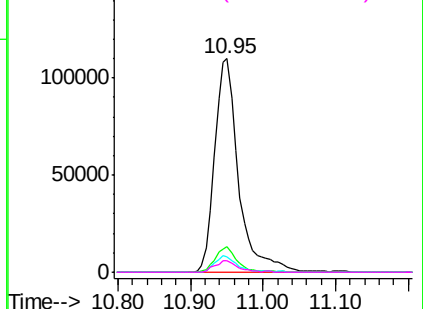
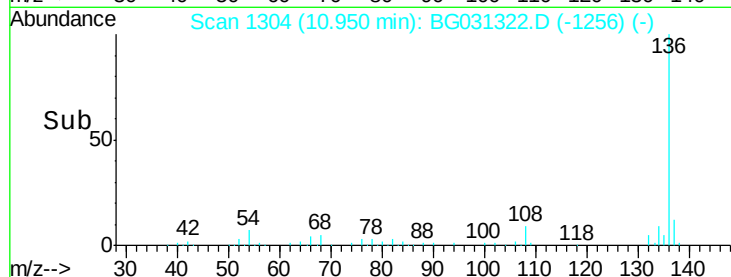
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.95 min Scan# 1304
Delta R.T. -0.02 min
Lab File: BG031322.D
Acq: 1 Dec 2017 17:47

Instrument :
BNA_G
ClientSampleId :
ENV-106-1(10-15)

Tot Ion:136	Resp:	251900
Ion	Ratio	Lower Upper
136	100	
137	12.1	9.2 13.8
54	6.9	10.3 15.5#
68	5.5	4.5 6.7

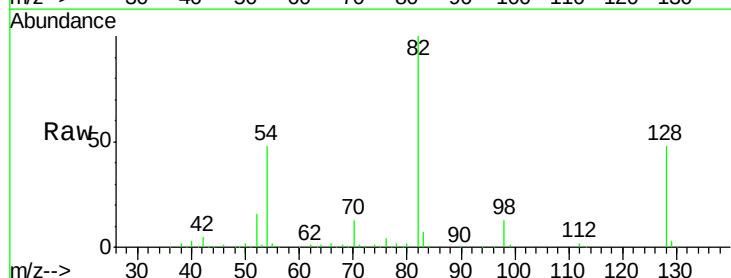


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

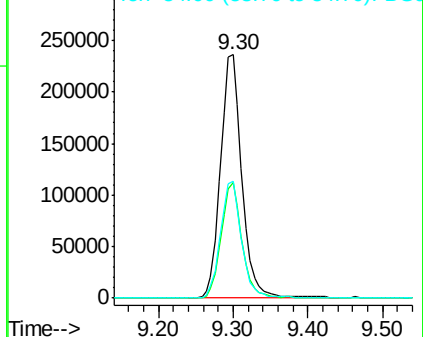
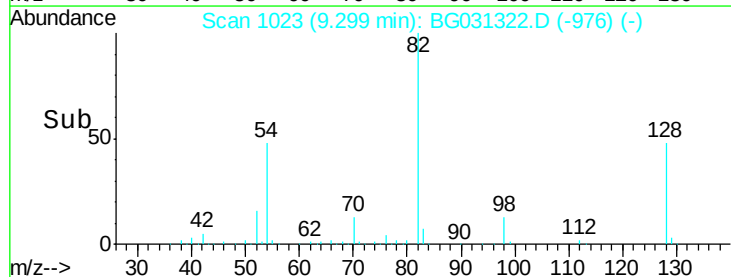


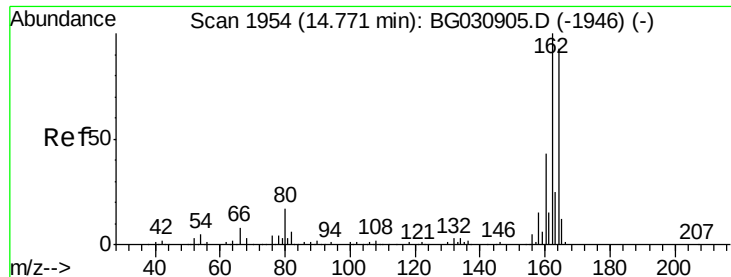
#23
Nitrobenzene-d5
Concen: 110.75 ng
RT: 9.30 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BG031322.D
Acq: 1 Dec 2017 17:47

Tgt Ion: 82	Resp:	470792
Ion	Ratio	Lower Upper
82	100	
128	47.7	29.7 44.5#
54	48.1	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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.75 min Scan# 1951

Delta R.T. -0.02 min

Lab File: BG031322.D

Acq: 1 Dec 2017 17:47

Instrument :

BNA_G

ClientSampleId :

ENV-106-1(10-15)

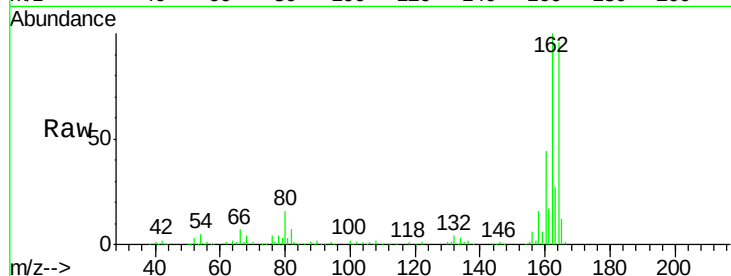
Tot Ion:164 Resp: 166355

Ion Ratio Lower Upper

164 100

162 103.9 78.8 118.2

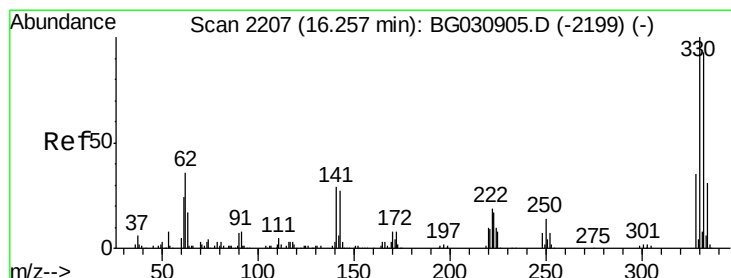
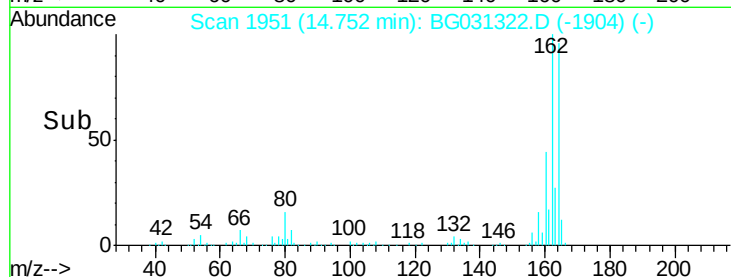
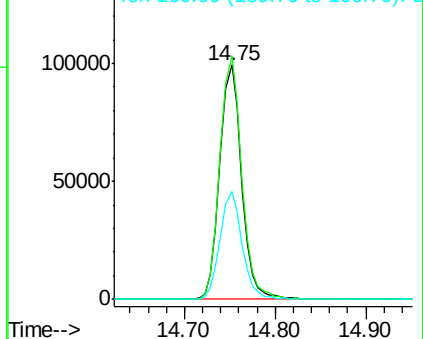
160 46.1 35.4 53.0



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: 152.22 ng

RT: 16.24 min Scan# 2204

Delta R.T. -0.02 min

Lab File: BG031322.D

Acq: 1 Dec 2017 17:47

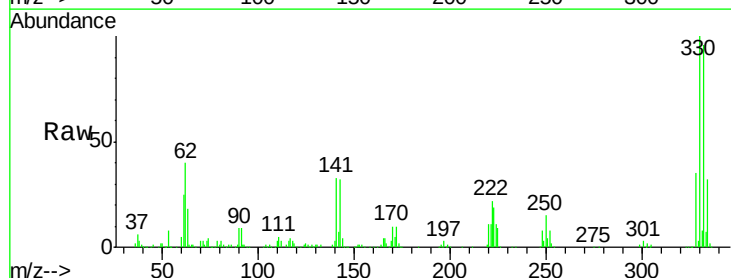
Tgt Ion:330 Resp: 409634

Ion Ratio Lower Upper

330 100

332 97.1 77.0 115.6

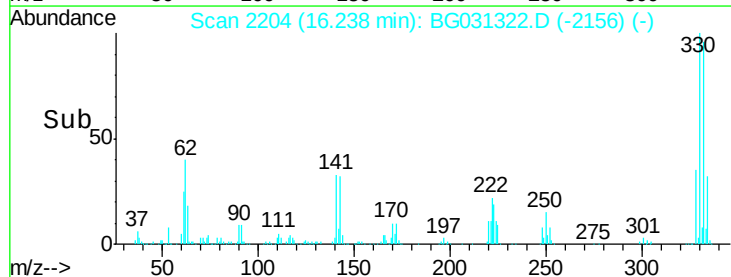
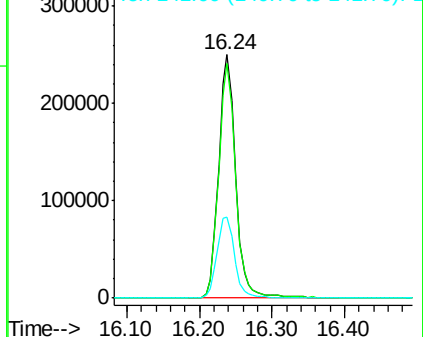
141 34.5 25.2 37.8

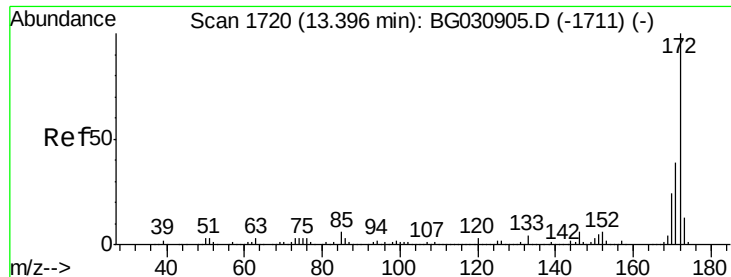


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



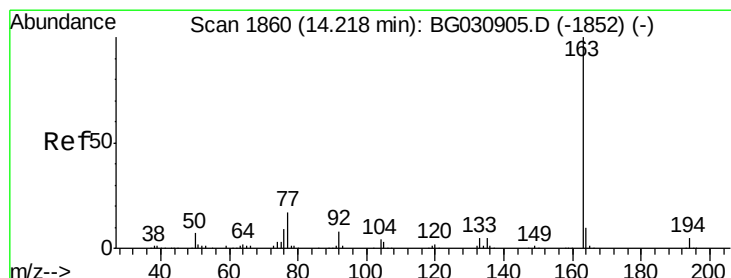
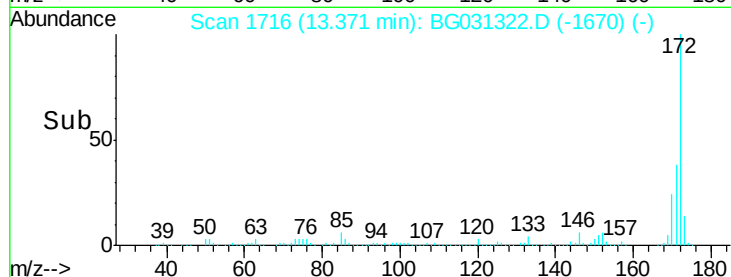
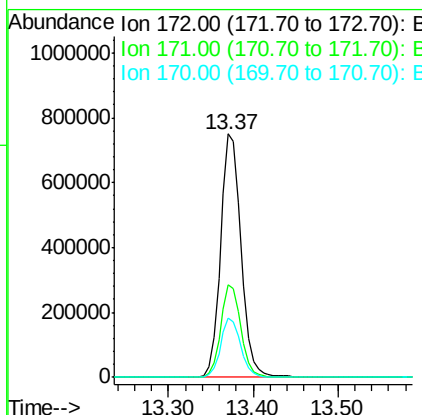
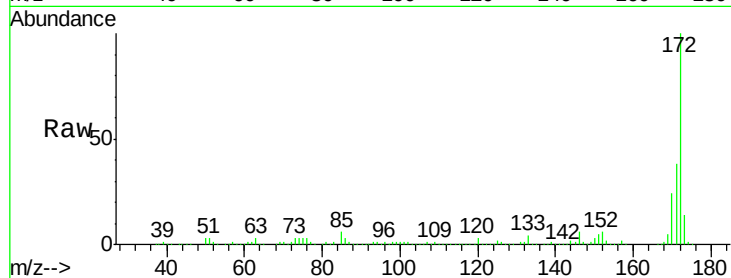


#44
 2-Fluorobiphenyl
 Concen: 109.25 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. -0.03 min
 Lab File: BG031322.D
 Acq: 1 Dec 2017 17:47

Instrument :
 BNA_G
 ClientSampleId :
 ENV-106-1(10-15)

Tot Ion:172 Resp: 1264868

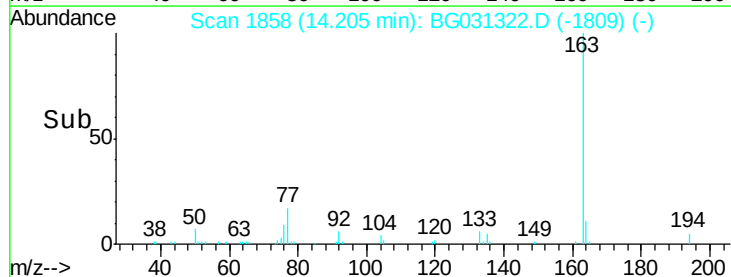
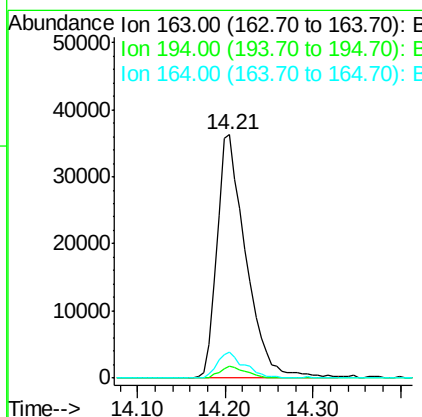
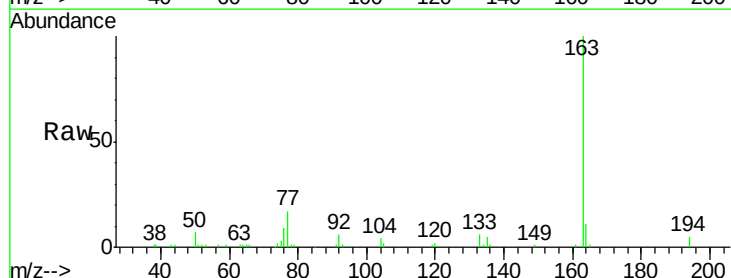
Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.0	45.0
170	24.3	19.5	29.3

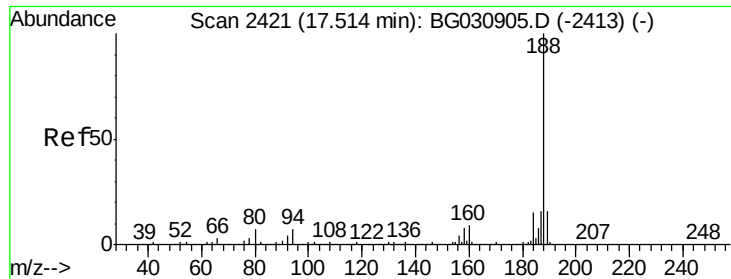


#49
 Dimethylphthalate
 Concen: 5.75 ng
 RT: 14.21 min Scan# 1858
 Delta R.T. -0.01 min
 Lab File: BG031322.D
 Acq: 1 Dec 2017 17:47

Tgt Ion:163 Resp: 82720

Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.4	5.2
164	10.5	8.2	12.4

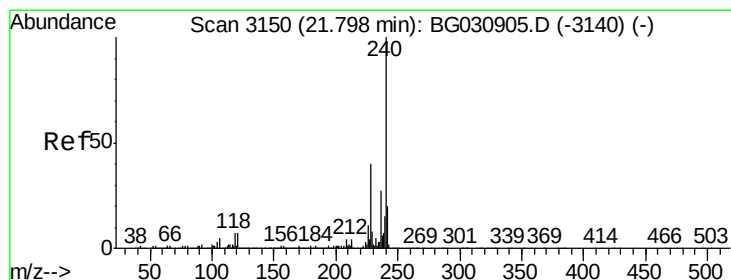
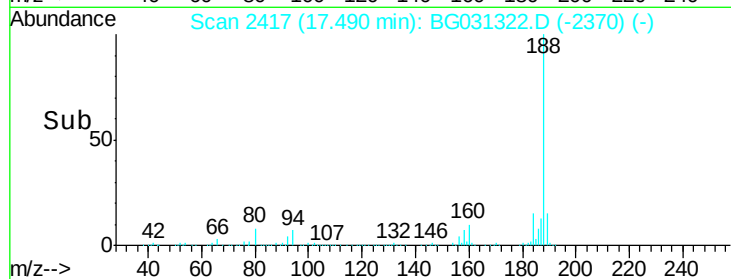
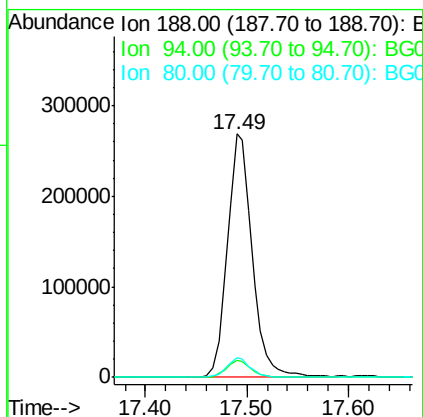
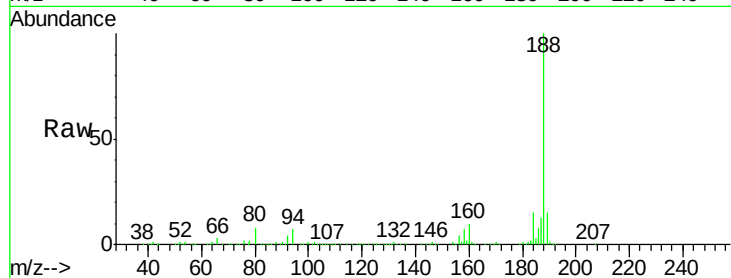




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BG031322.D
Acq: 1 Dec 2017 17:47

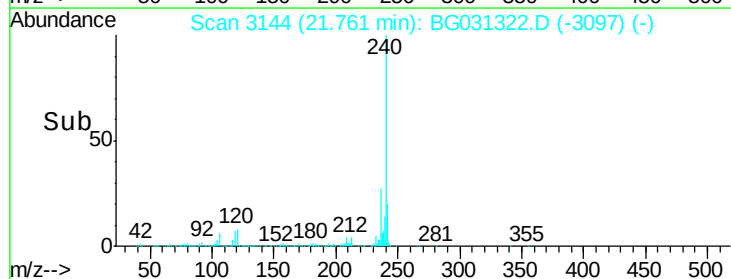
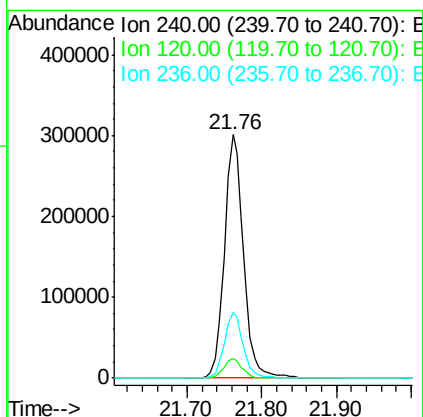
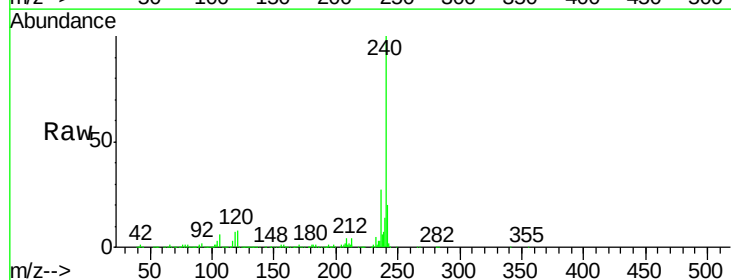
Instrument :
BNA_G
ClientSampleId :
ENV-106-1(10-15)

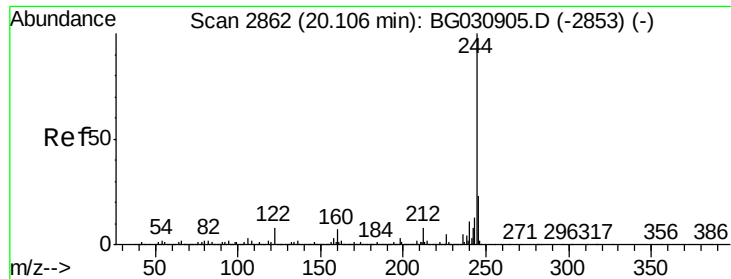
Tot Ion:188 Resp: 455522
Ion Ratio Lower Upper
188 100
94 6.9 6.9 10.3
80 8.1 7.7 11.5



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.02 min
Lab File: BG031322.D
Acq: 1 Dec 2017 17:47

Tgt Ion:240 Resp: 534381
Ion Ratio Lower Upper
240 100
120 7.9 6.8 10.2
236 27.0 20.9 31.3





#78

Terphenyl-d14

Concen: 95.31 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.02 min

Lab File: BG031322.D

Acq: 1 Dec 2017 17:47

Instrument :

BNA_G

ClientSampleId :

ENV-106-1(10-15)

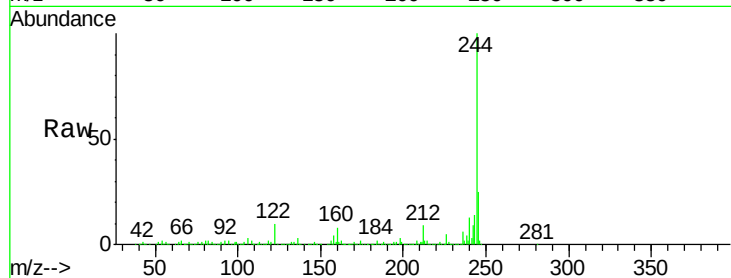
Tot Ion:244 Resp: 2306616

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

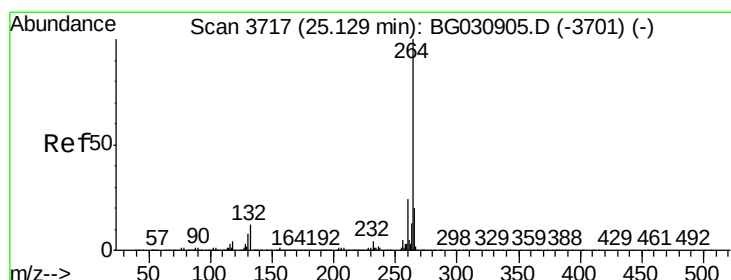
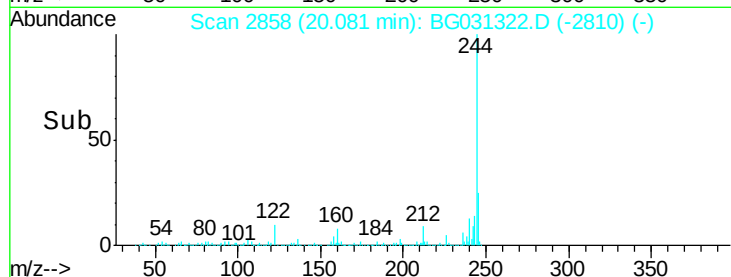
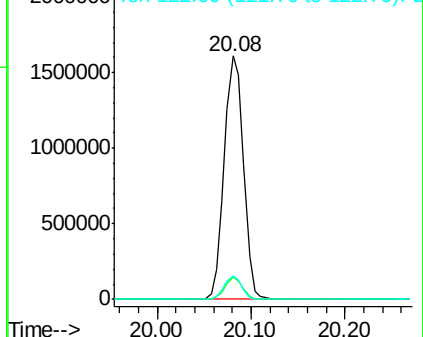
122 9.8 7.0 10.4



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: 20.00 ng

RT: 25.06 min Scan# 3705

Delta R.T. -0.03 min

Lab File: BG031322.D

Acq: 1 Dec 2017 17:47

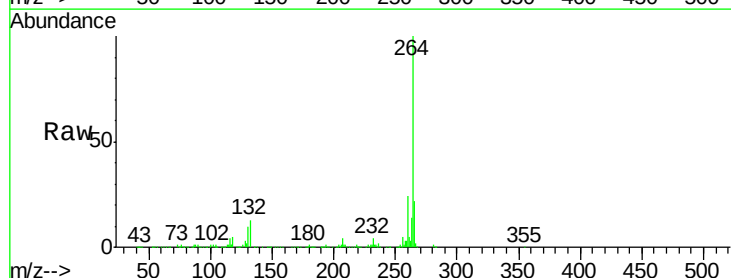
Tgt Ion:264 Resp: 514085

Ion Ratio Lower Upper

264 100

260 23.8 17.4 26.0

265 22.2 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

