

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121117\
 Data File : BG031484.D
 Acq On : 12 Dec 2017 10:05
 Operator : SJ/JU
 Sample : I6766-10
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 12 11:17:49 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

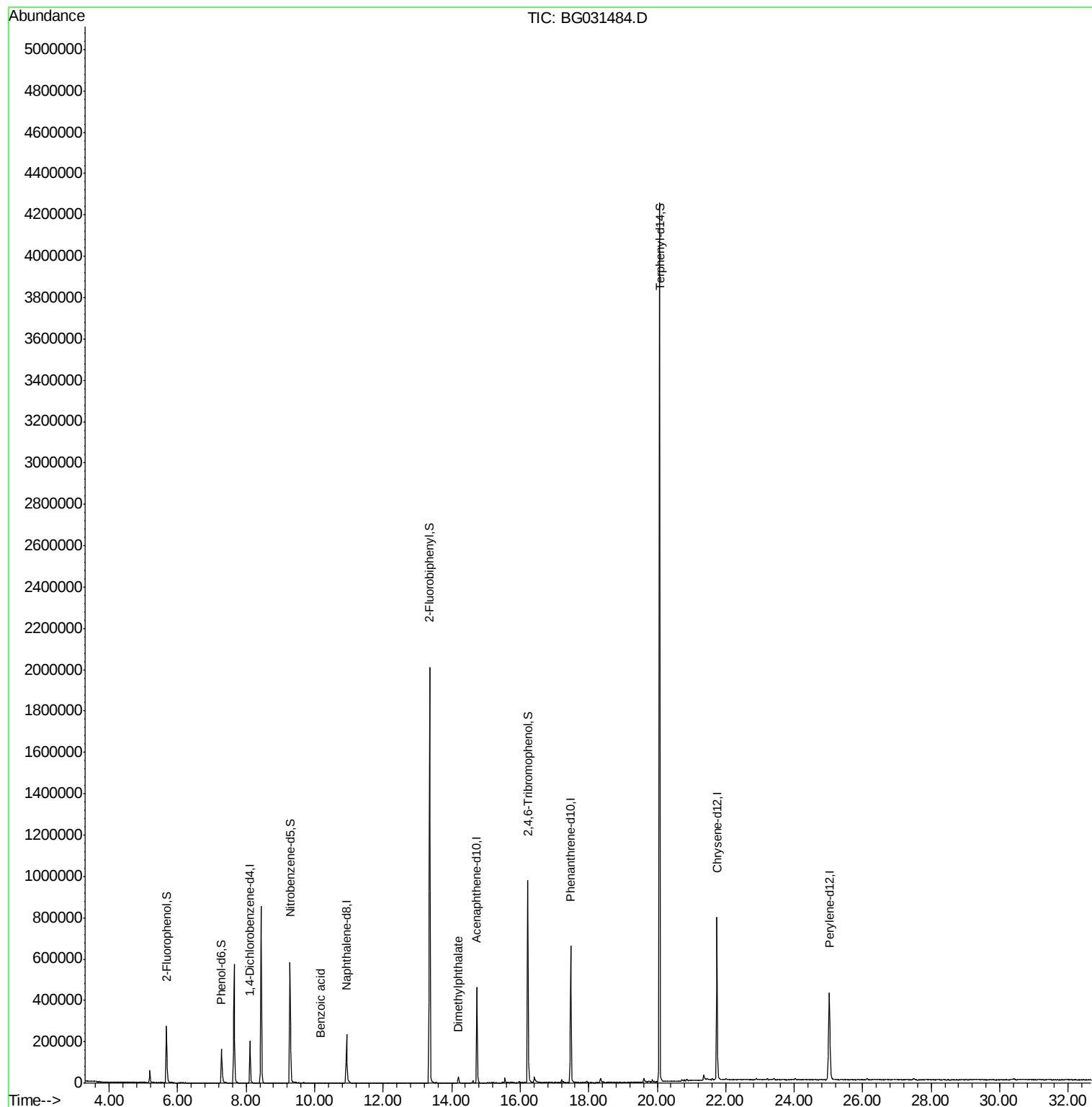
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	63497	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	262615	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	174930	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	456098	20.00	ng	0.00
75) Chrysene-d12	21.74	240	517660	20.00	ng	0.00
86) Perylene-d12	25.03	264	488872	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	148880	41.56	ng	0.00
7) Phenol-d6	7.28	99	116824	23.49	ng	0.00
23) Nitrobenzene-d5	9.28	82	401816	94.31	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	204358	99.72	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	1168848	98.08	ng	0.00
78) Terphenyl-d14	20.07	244	1901959	83.59	ng	0.00
Target Compounds						
32) Benzoic acid	10.19	122	53	6.982	ng	# 1
49) Dimethylphthalate	14.19	163	33034	2.281	ng	# 92

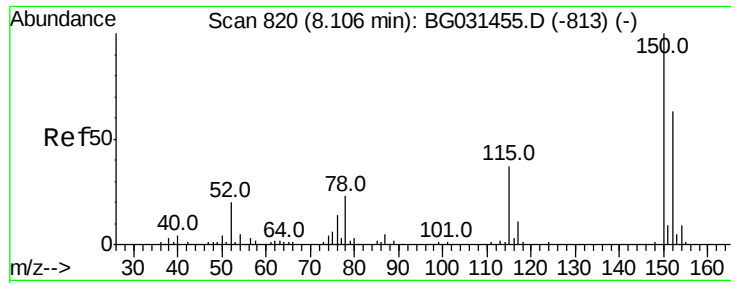
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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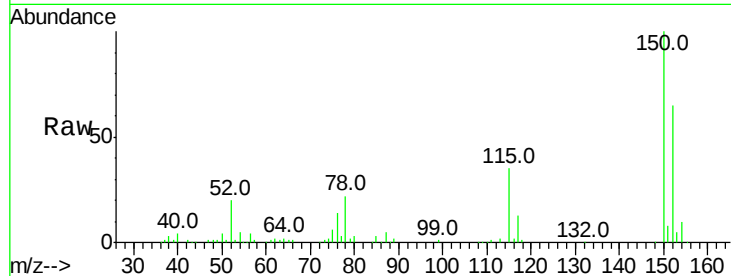




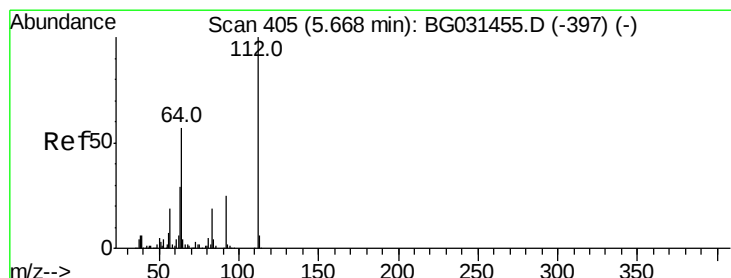
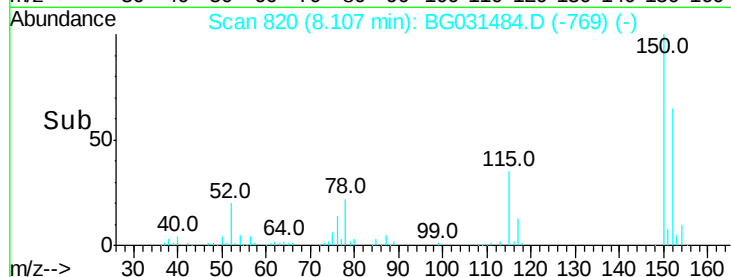
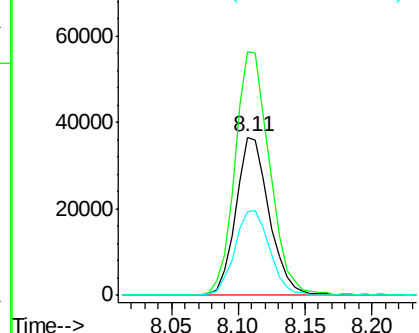
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.11 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BG031484.D
 Acq: 12 Dec 2017 10:05

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 63497
 Ion Ratio Lower Upper
 152 100
 150 153.7 126.6 189.8
 115 53.1 53.0 79.4

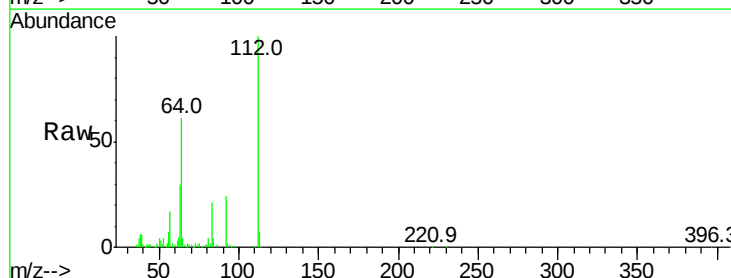


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

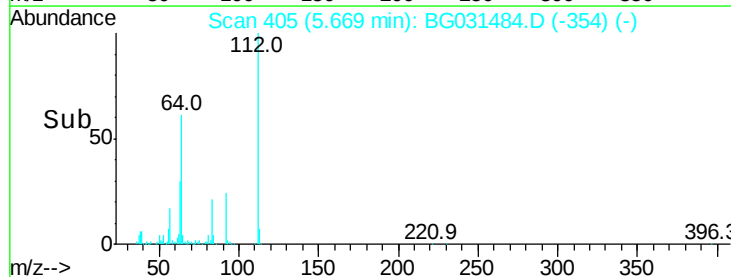
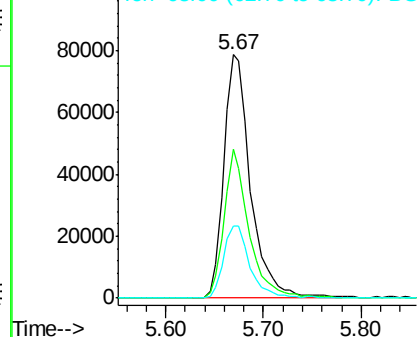


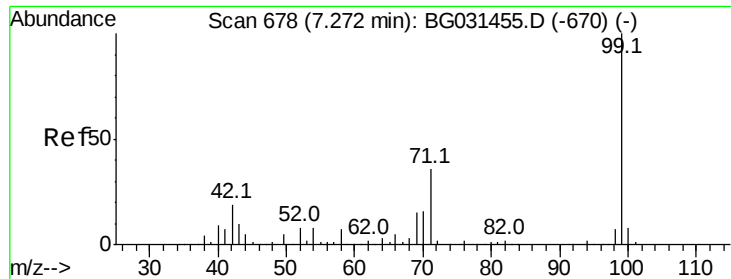
#5
 2-Fluorophenol
 Concen: 41.560 ng
 RT: 5.67 min Scan# 405
 Delta R.T. 0.00 min
 Lab File: BG031484.D
 Acq: 12 Dec 2017 10:05

Tgt Ion:112 Resp: 148880
 Ion Ratio Lower Upper
 112 100
 64 61.2 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): BG
 Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 23.491 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.01 min

Lab File: BG031484.D

Acq: 12 Dec 2017 10:05

Instrument :

BNA_G

ClientSampled :

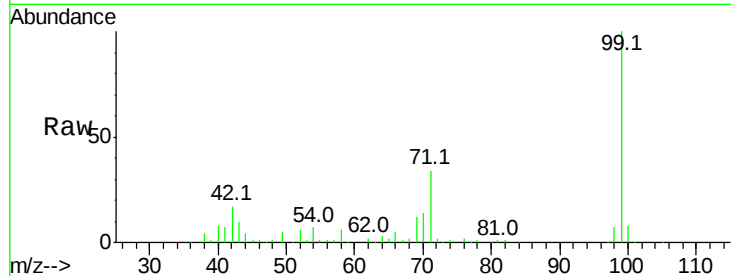
Tot Ion: 99 Resp: 116824

Ion Ratio Lower Upper

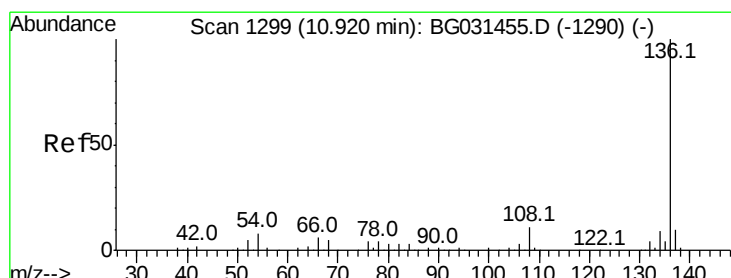
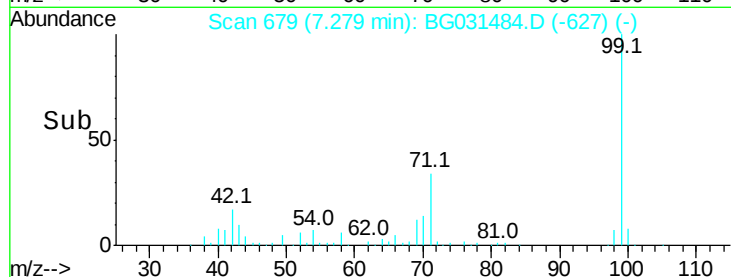
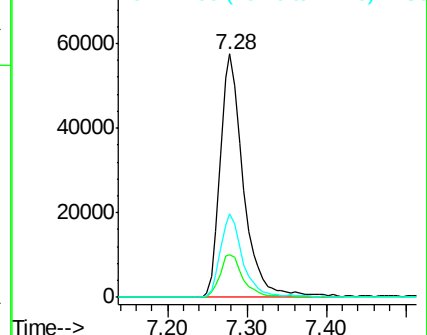
99 100

42 17.3 14.1 21.1

71 34.4 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: BG031484.D

Acq: 12 Dec 2017 10:05

Tgt Ion: 136 Resp: 262615

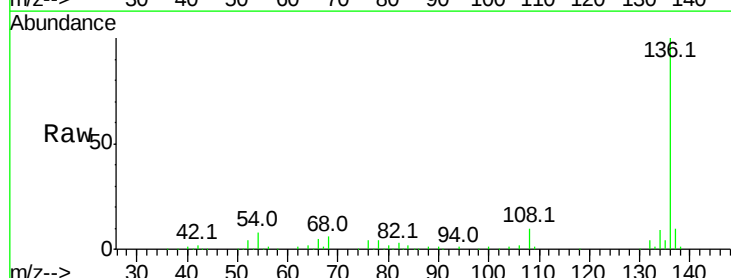
Ion Ratio Lower Upper

136 100

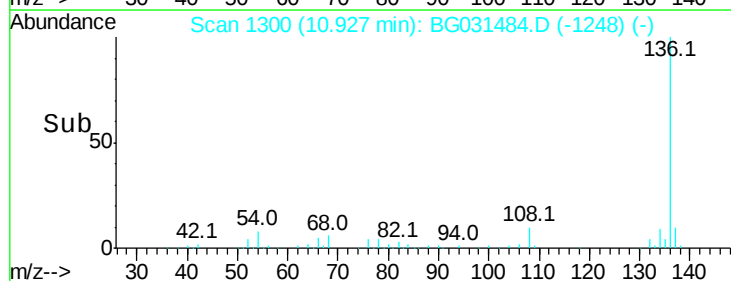
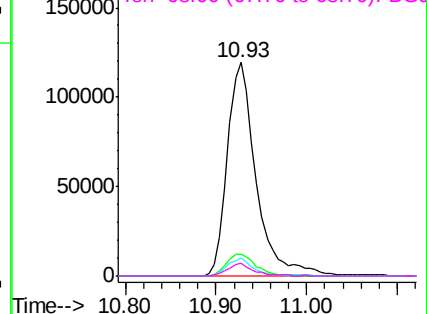
137 10.4 9.2 13.8

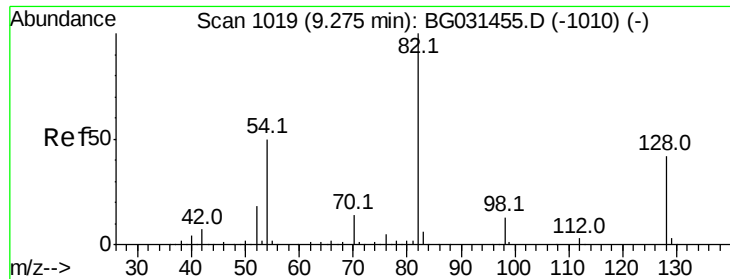
54 8.2 10.3 15.5#

68 5.7 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

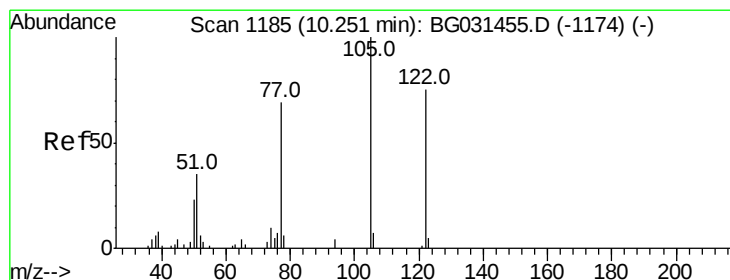
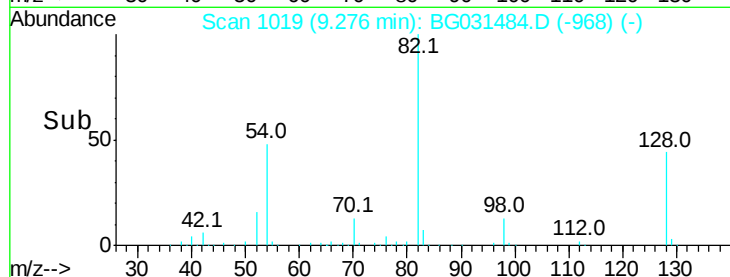
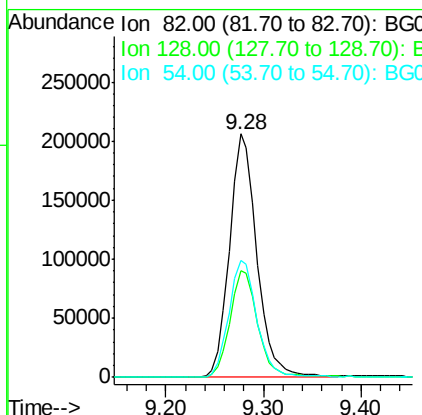
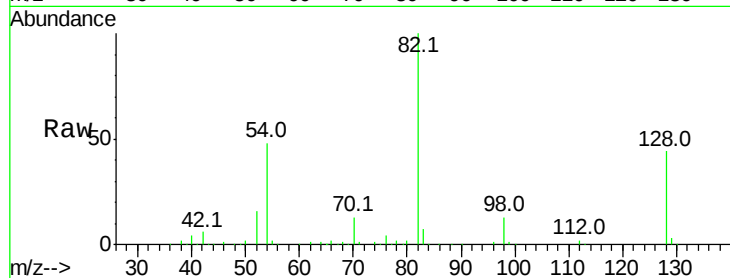




#23
Nitrobenzene-d5
Concen: 94.308 ng
RT: 9.28 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BG031484.D
Acq: 12 Dec 2017 10:05

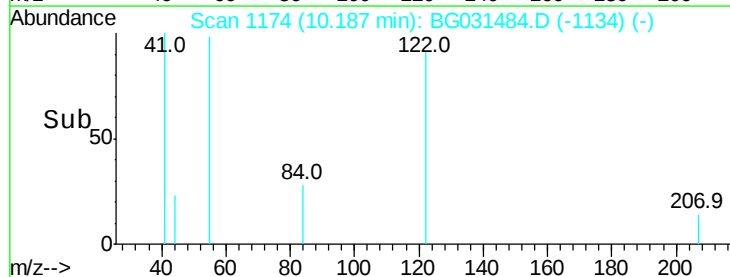
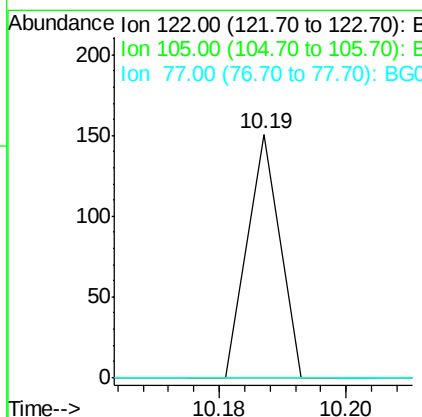
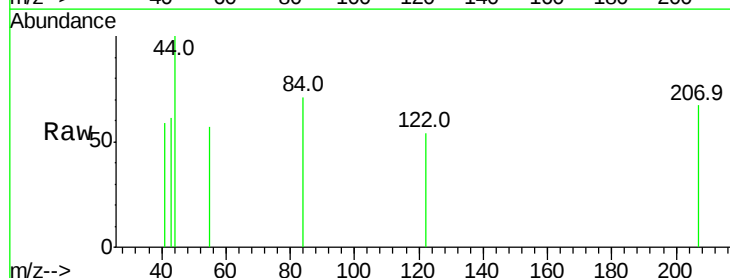
Instrument :
BNA_G
ClientSampleId :

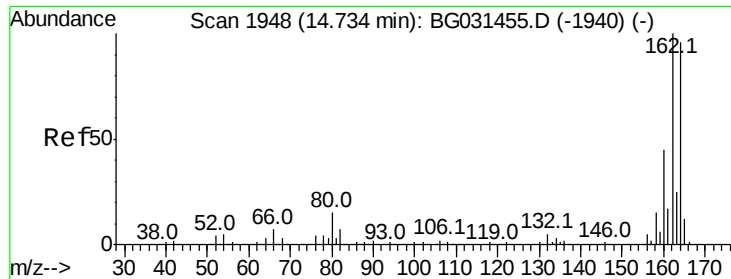
Tot Ion	82	Resp	401816
Ion Ratio	100	Lower	Upper
128	43.7	29.7	44.5
54	48.0	43.1	64.7



#32
Benzoic acid
Concen: 6.982 ng
RT: 10.19 min Scan# 1174
Delta R.T. -0.06 min
Lab File: BG031484.D
Acq: 12 Dec 2017 10:05

Tgt Ion	122	Resp	53
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
105	0.0	123.5	163.5#
77	0.0	85.7	125.7#

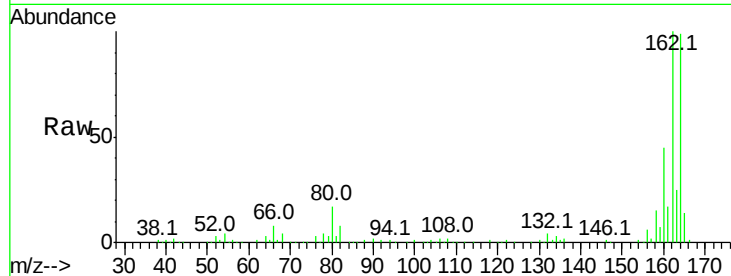




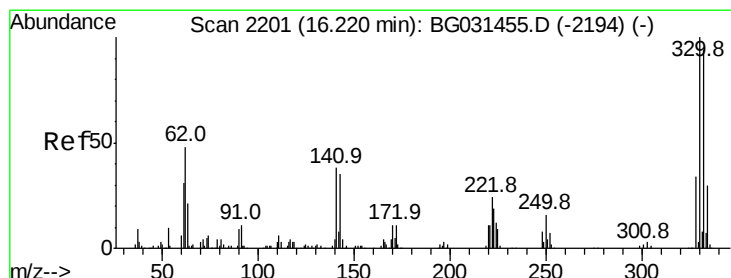
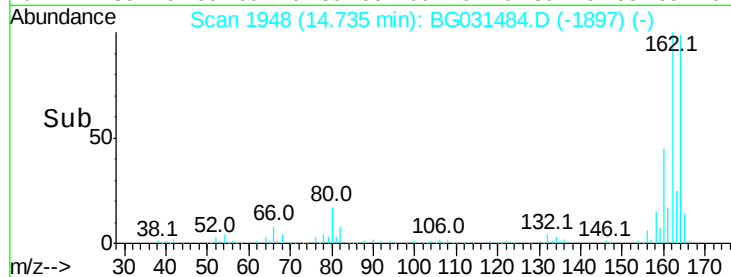
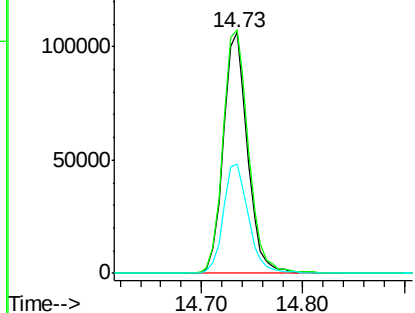
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1948
Delta R.T. 0.00 min
Lab File: BG031484.D
Acq: 12 Dec 2017 10:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.2	78.8	118.2
160	45.3	35.4	53.0

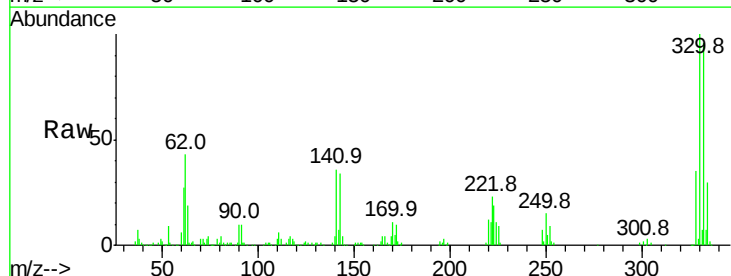


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

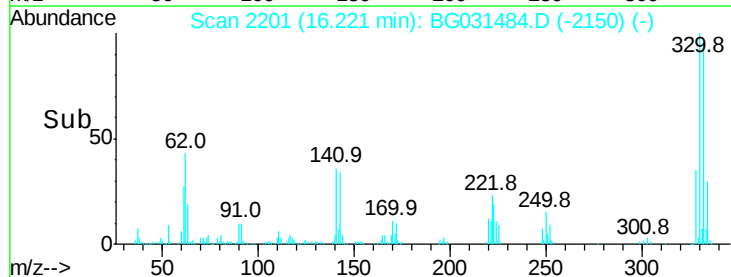
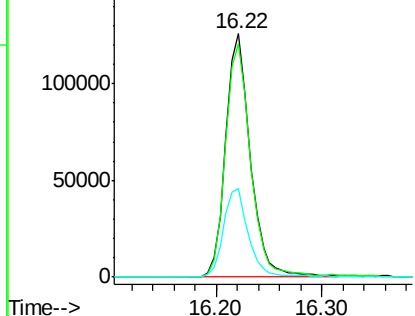


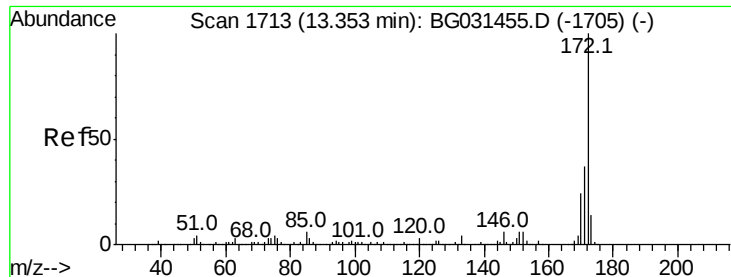
#41
2,4,6-Tribromophenol
Concen: 99.717 ng
RT: 16.22 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BG031484.D
Acq: 12 Dec 2017 10:05

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.3	77.0	115.6
141	36.7	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

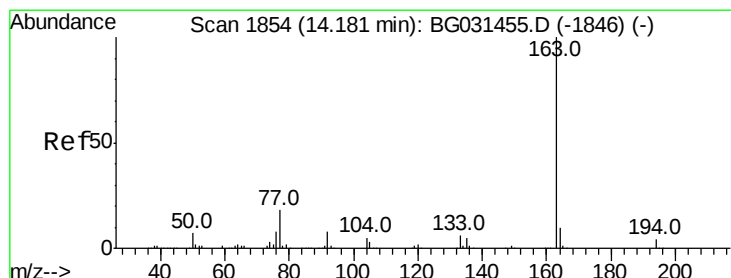
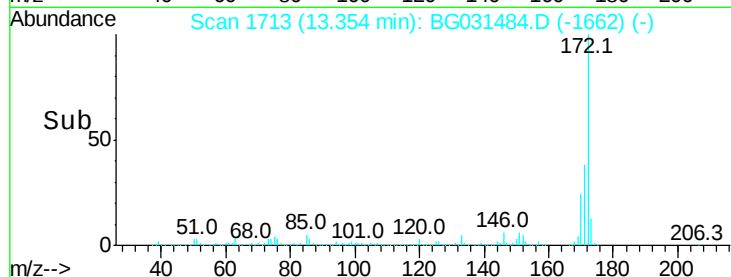
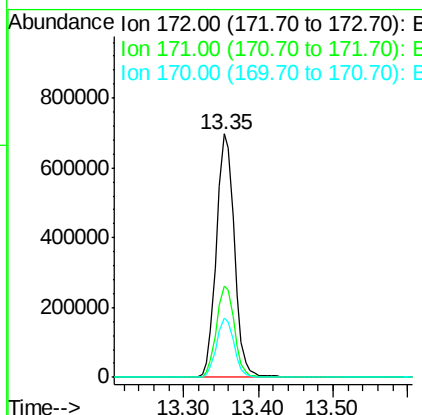
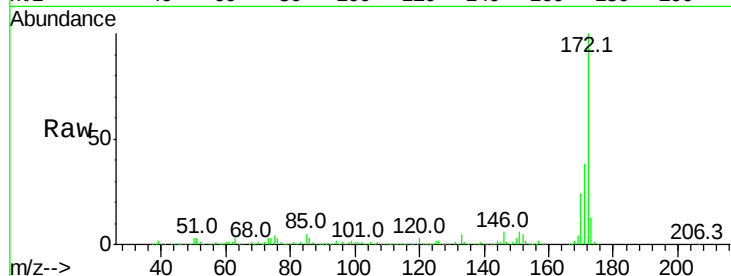




#44
2-Fluorobiphenyl
Concen: 98.080 ng
RT: 13.35 min Scan# 1713
Delta R.T. 0.00 min
Lab File: BG031484.D
Acq: 12 Dec 2017 10:05

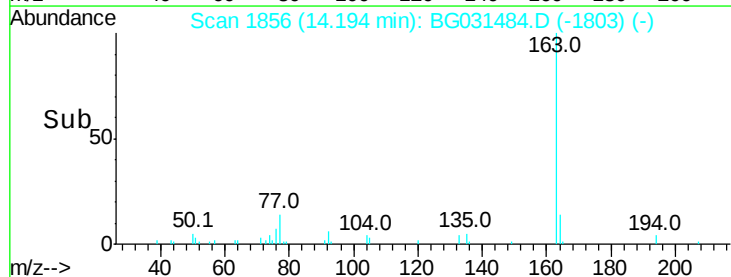
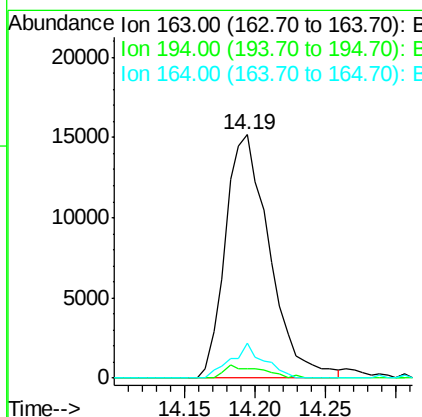
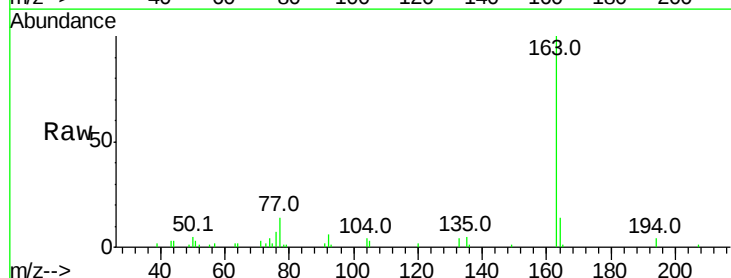
Instrument :
BNA_G
ClientSampled :

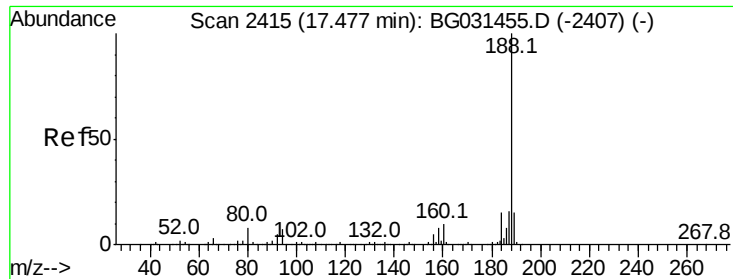
Tot Ion:172 Resp: 1168848
Ion Ratio Lower Upper
172 100
171 37.8 30.0 45.0
170 24.2 19.5 29.3



#49
Dimethylphthalate
Concen: 2.281 ng
RT: 14.19 min Scan# 1856
Delta R.T. 0.01 min
Lab File: BG031484.D
Acq: 12 Dec 2017 10:05

Tgt Ion:163 Resp: 33034
Ion Ratio Lower Upper
163 100
194 3.8 3.4 5.2
164 14.3 8.2 12.4#

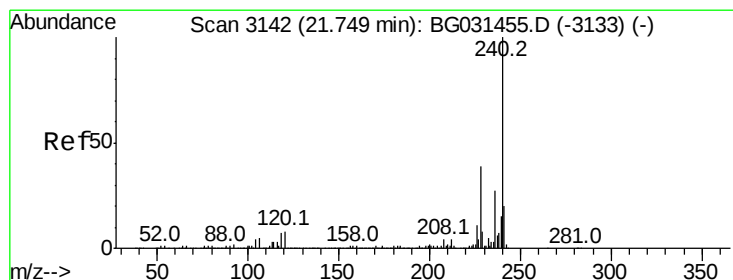
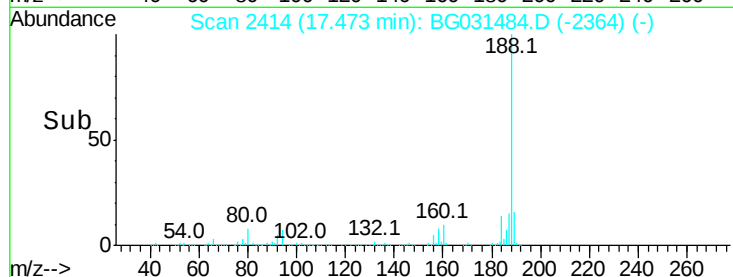
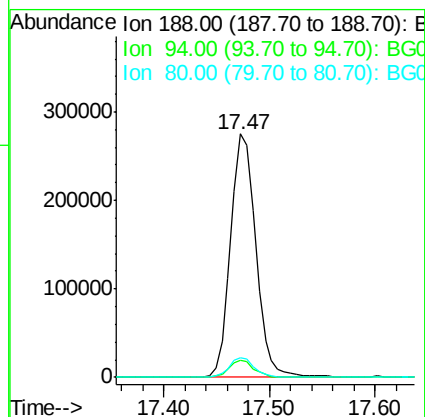
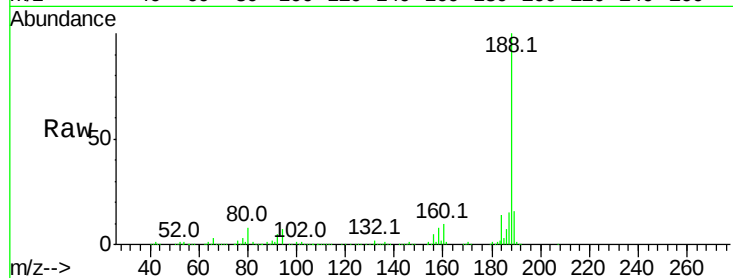




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.00 min
Lab File: BG031484.D
Acq: 12 Dec 2017 10:05

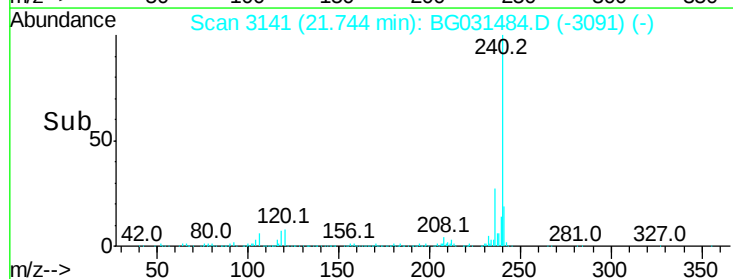
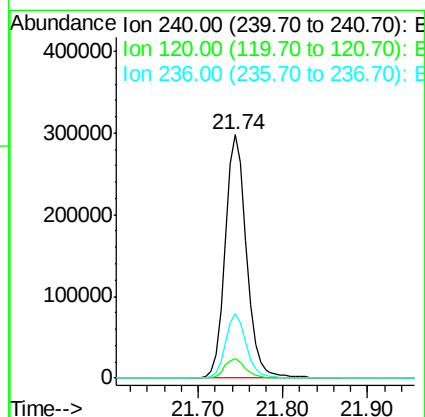
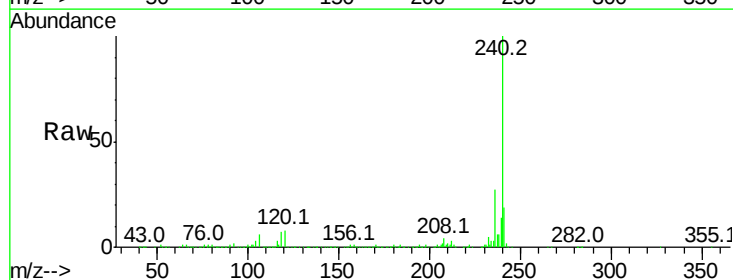
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BNA_G
ClientSampleId :

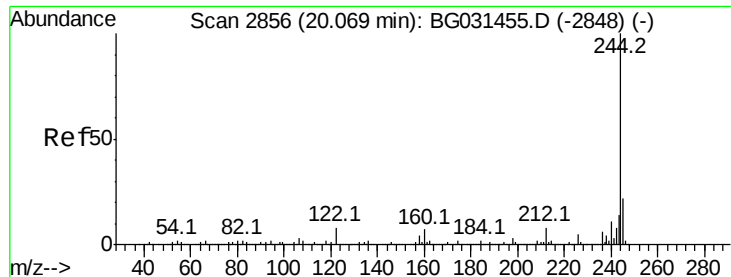
Tot Ion:188 Resp: 456098
Ion Ratio Lower Upper
188 100
94 7.1 6.9 10.3
80 8.2 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BG031484.D
Acq: 12 Dec 2017 10:05

Tgt Ion:240 Resp: 517660
Ion Ratio Lower Upper
240 100
120 7.9 6.8 10.2
236 26.6 20.9 31.3





#78

Terphenyl-d14

Concen: 83.593 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG031484.D

Acq: 12 Dec 2017 10:05

Instrument :

BNA_G

ClientSampleId :

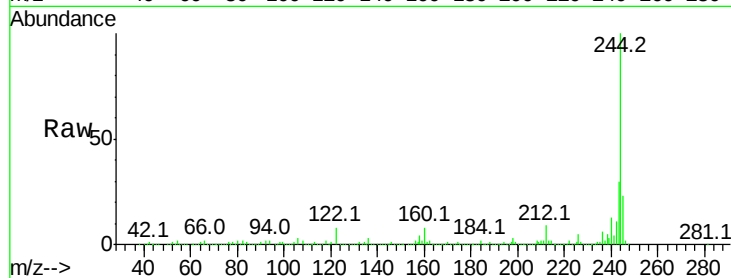
Tot Ion:244 Resp: 1901959

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

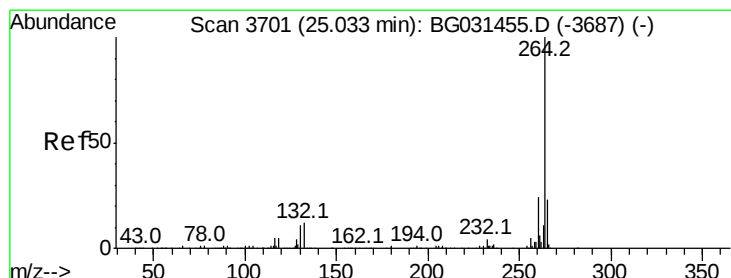
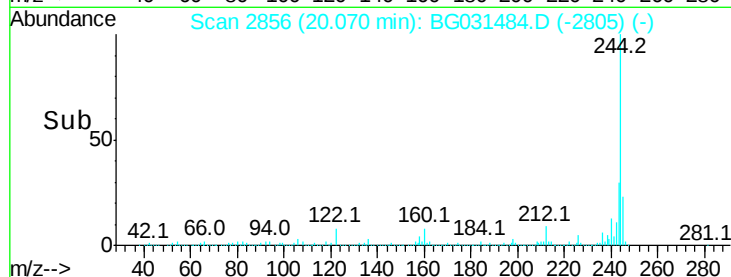
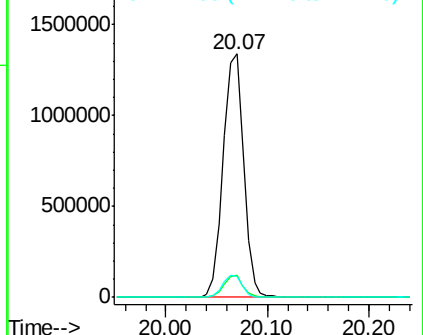
122 8.4 7.0 10.4



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. -0.00 min

Lab File: BG031484.D

Acq: 12 Dec 2017 10:05

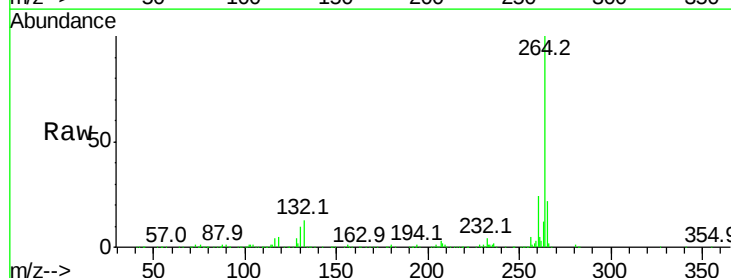
Tgt Ion:264 Resp: 488872

Ion Ratio Lower Upper

264 100

260 24.3 17.4 26.0

265 22.0 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

