

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121817\
 Data File : BG031648.D
 Acq On : 18 Dec 2017 23:59
 Operator : SJ/JU
 Sample : I6744-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 19 07:06:37 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

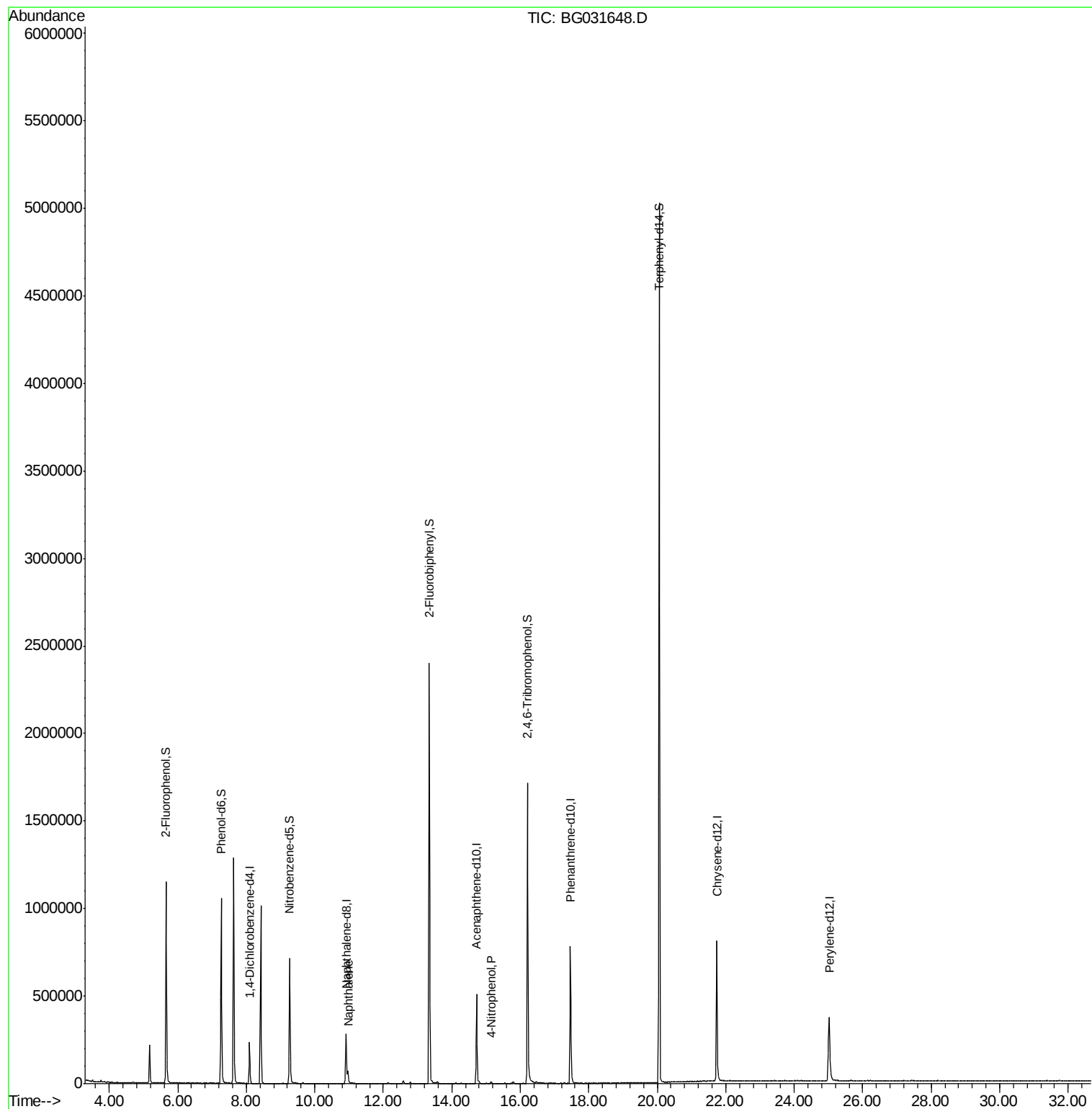
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	75719	20.00	ng	-0.01
21) Naphthalene-d8	10.91	136	321402	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	211697	20.00	ng	-0.01
63) Phenanthrene-d10	17.47	188	559043	20.00	ng	-0.01
75) Chrysene-d12	21.74	240	567415	20.00	ng	-0.01
86) Perylene-d12	25.02	264	489411	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	596523	139.64	ng	-0.01
7) Phenol-d6	7.27	99	705300	118.93	ng	0.00
23) Nitrobenzene-d5	9.27	82	490354	94.04	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	408329	164.64	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	1452660	100.72	ng	0.00
78) Terphenyl-d14	20.06	244	2471777	99.11	ng	-0.01
Target Compounds						
31) Naphthalene	10.97	128	63508	4.022	ng	# 94
55) 4-Nitrophenol	15.16	139	3109	4.694	ng	# 1

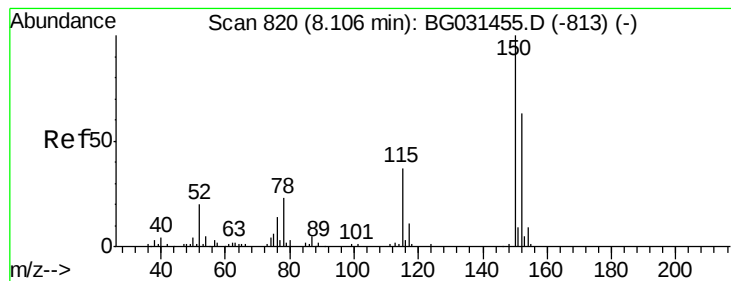
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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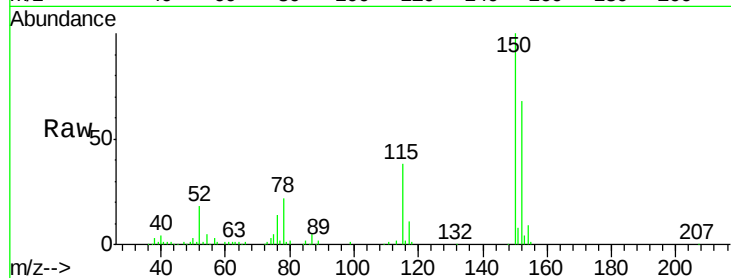


#1

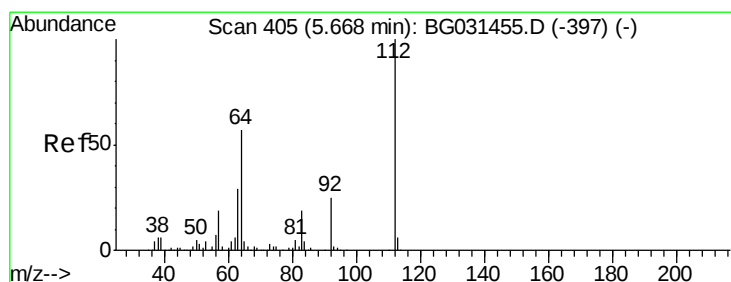
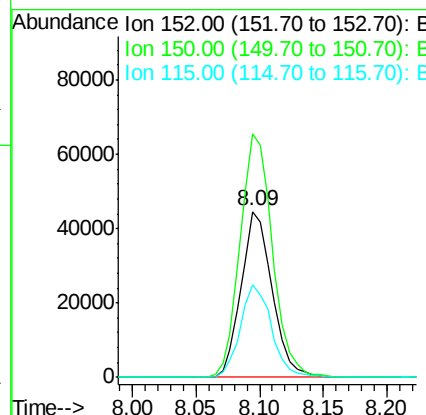
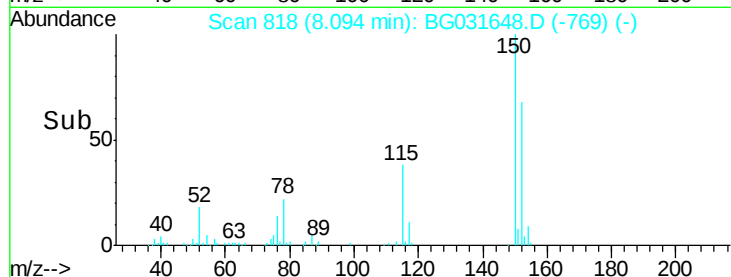
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG031648.D
Acq: 18 Dec 2017 23:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 75719
Ion Ratio Lower Upper
152 100
150 146.6 126.6 189.8
115 55.6 53.0 79.4



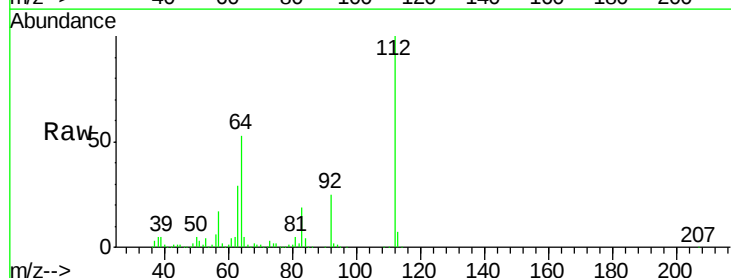
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



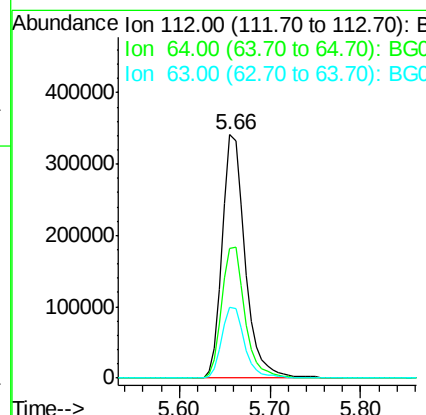
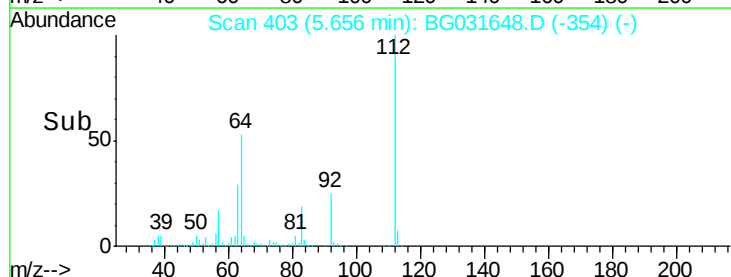
#5

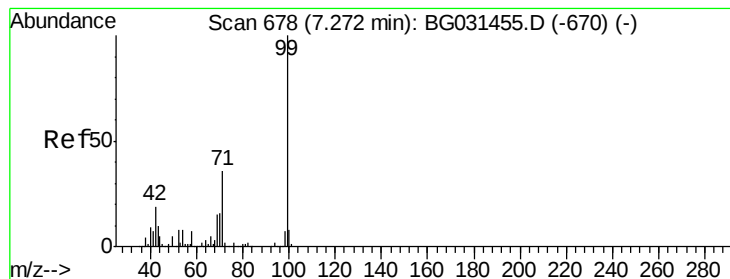
2-Fluorophenol
Concen: 139.641 ng
RT: 5.66 min Scan# 403
Delta R.T. -0.01 min
Lab File: BG031648.D
Acq: 18 Dec 2017 23:59

Tgt Ion:112 Resp: 596523
Ion Ratio Lower Upper
112 100
64 53.5 56.3 84.5#
63 29.1 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: 118.932 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG031648.D

Acq: 18 Dec 2017 23:59

Instrument :

BNA_G

ClientSampleId :

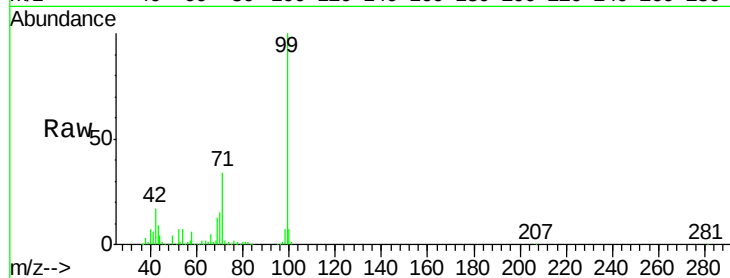
Tot Ion: 99 Resp: 705300

Ion Ratio Lower Upper

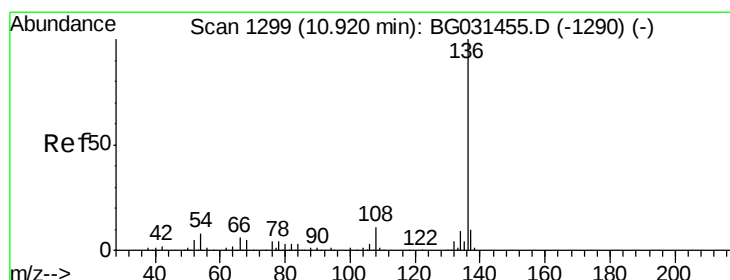
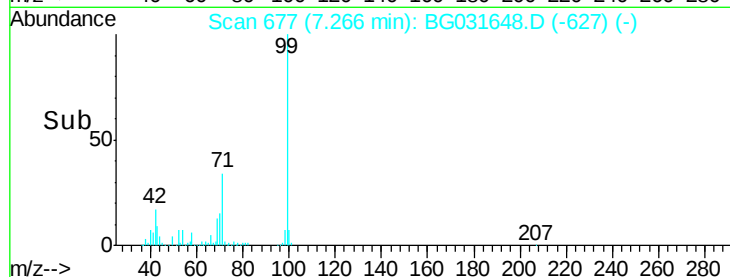
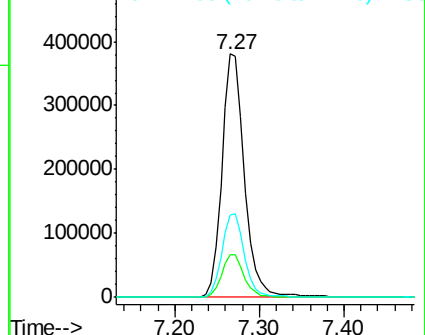
99 100

42 17.5 14.1 21.1

71 33.6 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: 10.91 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BG031648.D

Acq: 18 Dec 2017 23:59

Tgt Ion: 136 Resp: 321402

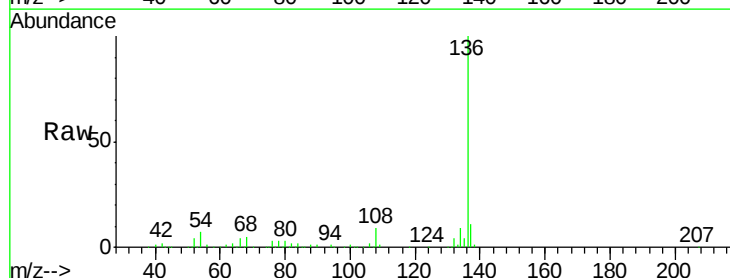
Ion Ratio Lower Upper

136 100

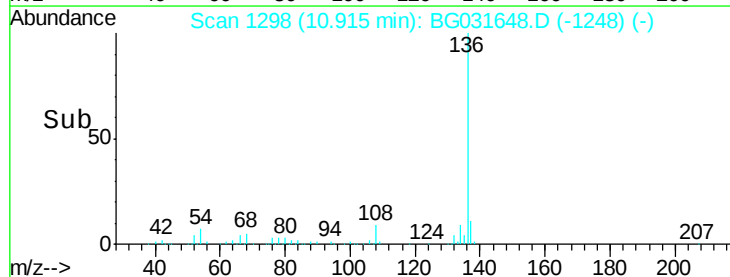
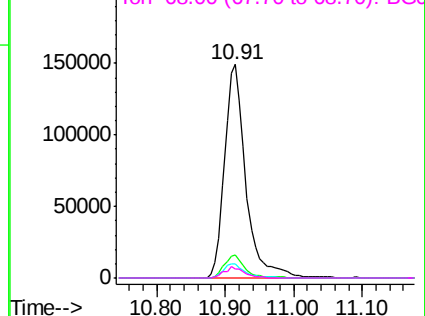
137 10.9 9.2 13.8

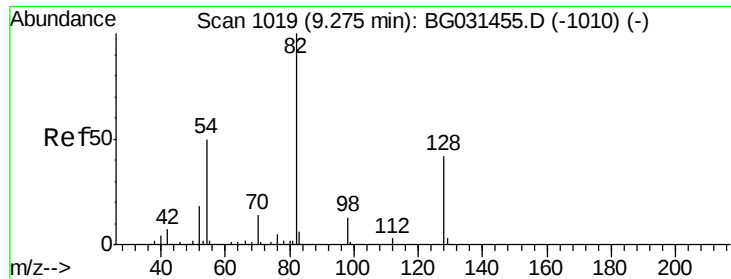
54 6.9 10.3 15.5#

68 4.5 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

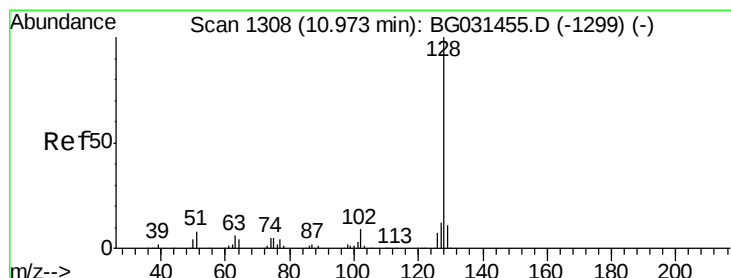
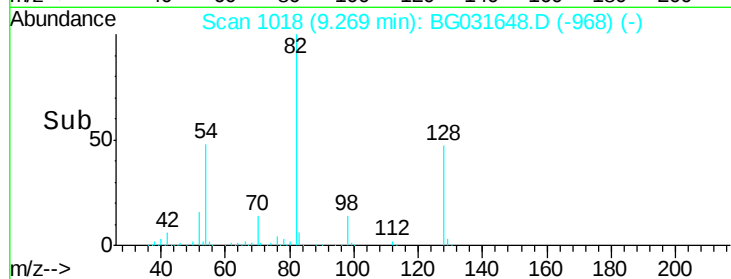
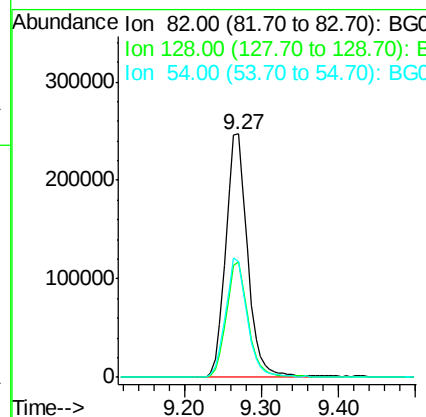
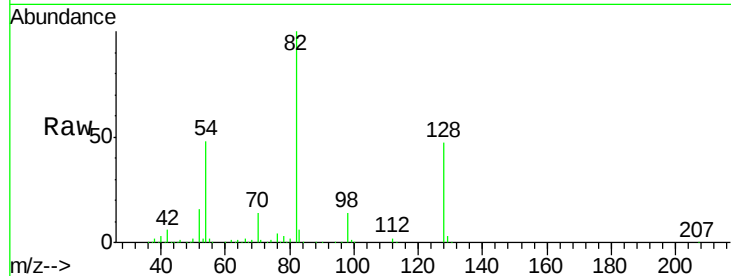




#23
Nitrobenzene-d5
Concen: 94.037 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG031648.D
Acq: 18 Dec 2017 23:59

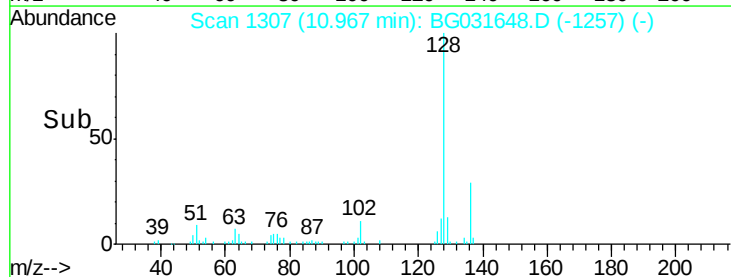
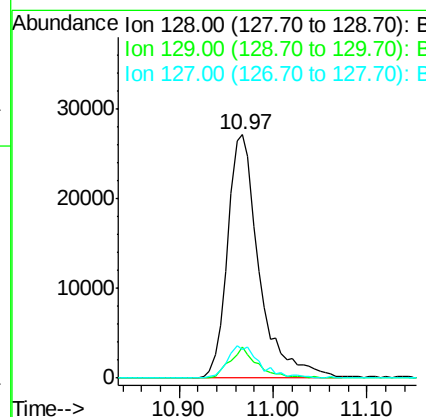
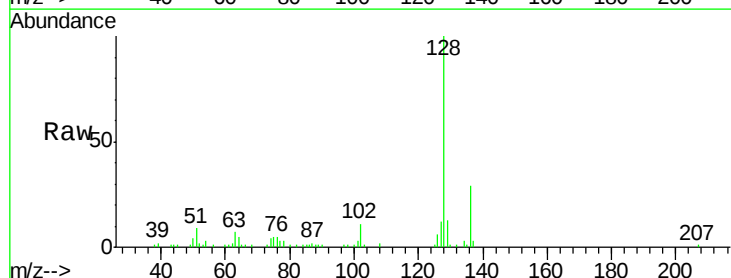
Instrument :
BNA_G
ClientSampleId :

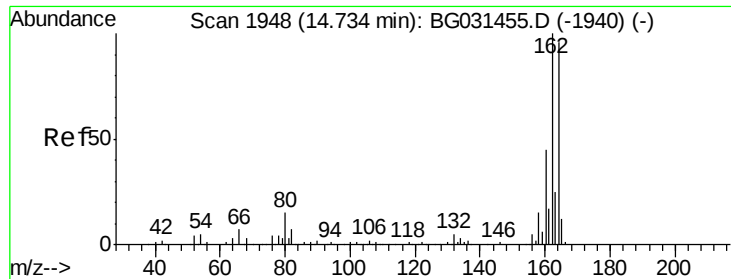
Tot Ion: 82 Resp: 490354
Ion Ratio Lower Upper
82 100
128 47.3 29.7 44.5#
54 47.6 43.1 64.7



#31
Naphthalene
Concen: 4.022 ng
RT: 10.97 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BG031648.D
Acq: 18 Dec 2017 23:59

Tgt Ion: 128 Resp: 63508
Ion Ratio Lower Upper
128 100
129 13.1 8.6 12.8#
127 12.0 11.6 17.4

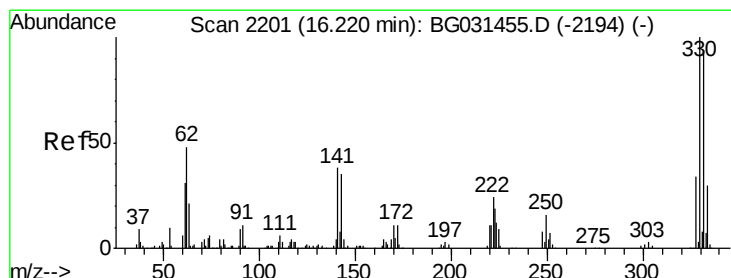
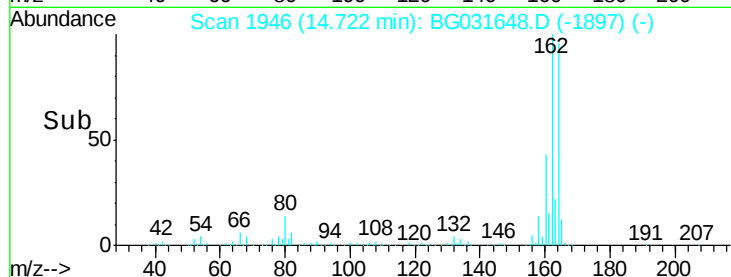
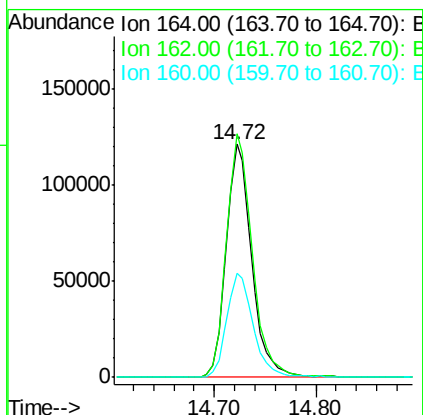
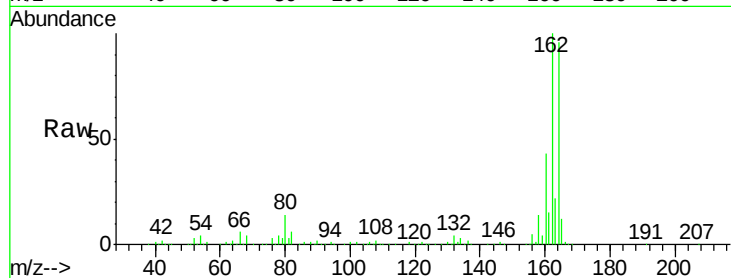




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BG031648.D
Acq: 18 Dec 2017 23:59

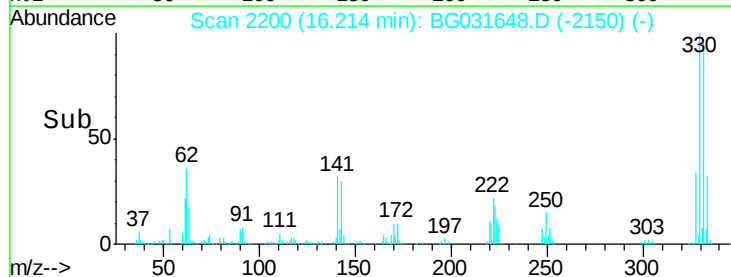
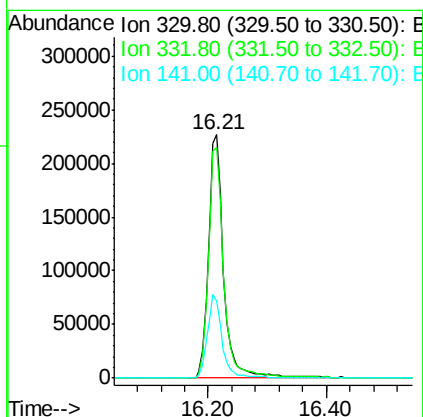
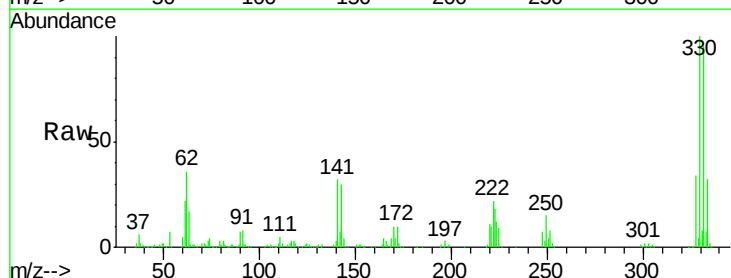
Instrument :
BNA_G
ClientSampleId :

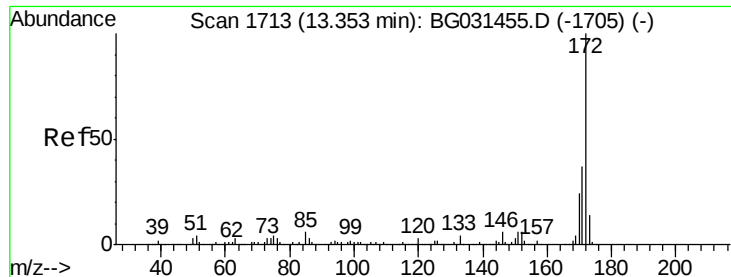
Tot Ion:164 Resp: 211697
Ion Ratio Lower Upper
164 100
162 104.6 78.8 118.2
160 44.9 35.4 53.0



#41
2,4,6-Tribromophenol
Concen: 164.641 ng
RT: 16.21 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BG031648.D
Acq: 18 Dec 2017 23:59

Tgt Ion:330 Resp: 408329
Ion Ratio Lower Upper
330 100
332 95.2 77.0 115.6
141 33.1 25.2 37.8



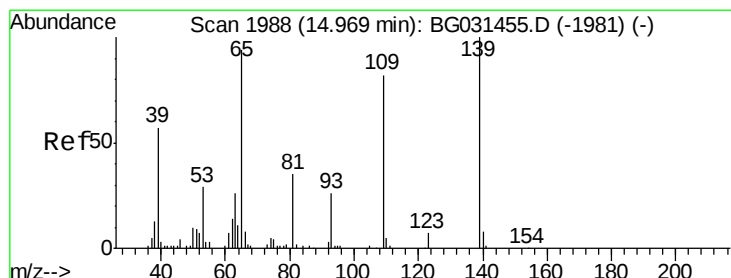
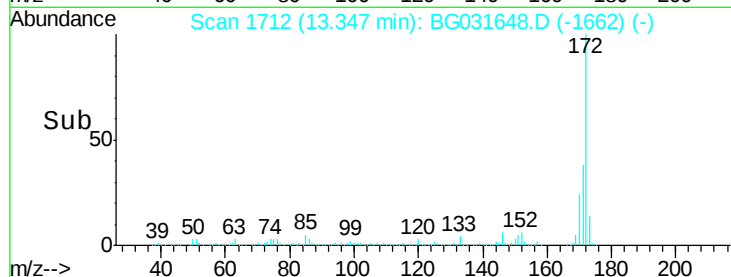
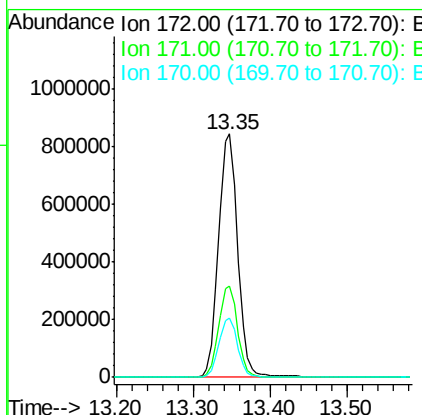
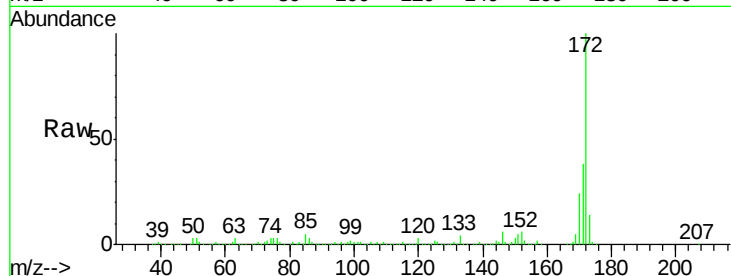


#44
 2-Fluorobiphenyl
 Concen: 100.725 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.01 min
 Lab File: BG031648.D
 Acq: 18 Dec 2017 23:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 1452660

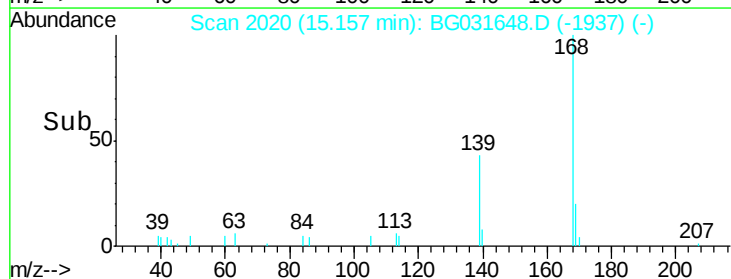
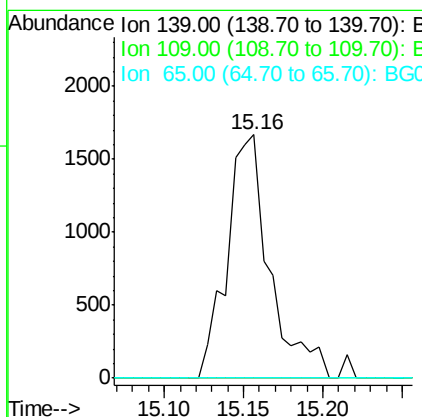
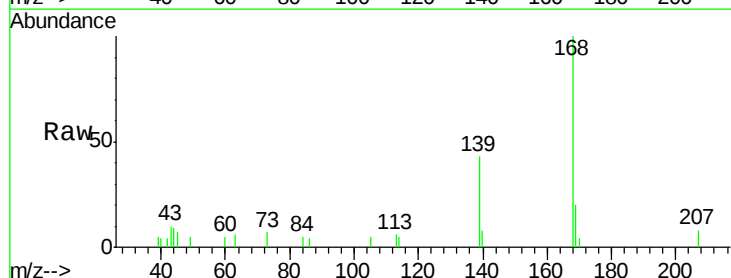
Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.0	45.0
170	24.3	19.5	29.3

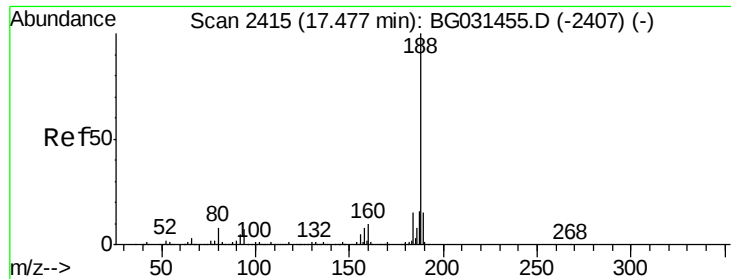


#55
 4-Nitrophenol
 Concen: 4.694 ng
 RT: 15.16 min Scan# 2020
 Delta R.T. 0.19 min
 Lab File: BG031648.D
 Acq: 18 Dec 2017 23:59

Tgt Ion:139 Resp: 3109

Ion	Ratio	Lower	Upper
139	100		
109	0.0	62.2	102.2#
65	0.0	97.2	137.2#

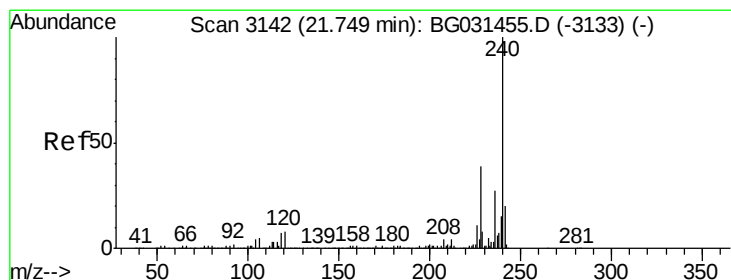
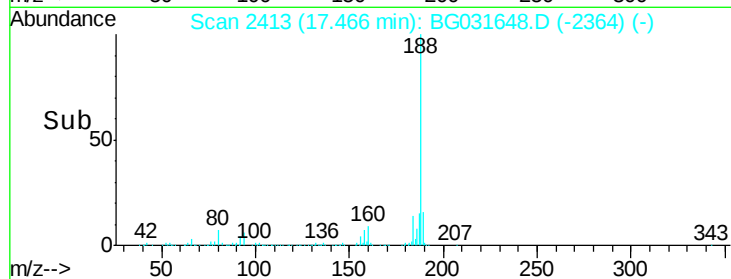
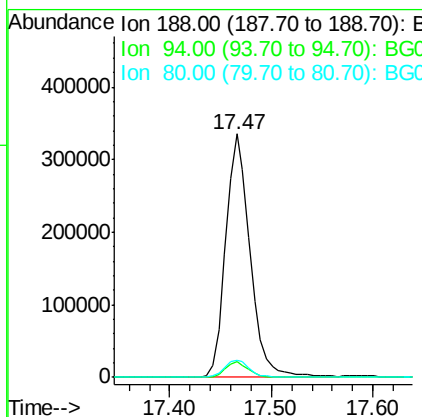
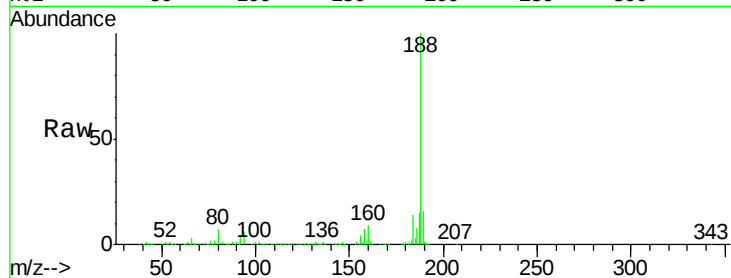




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG031648.D
Acq: 18 Dec 2017 23:59

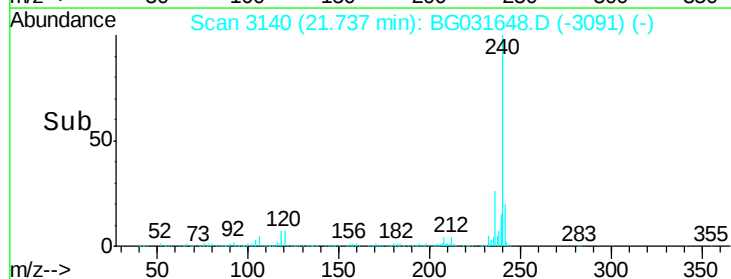
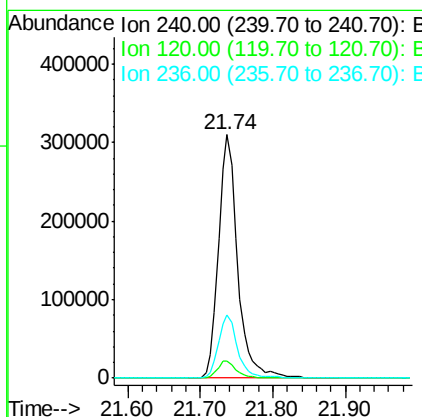
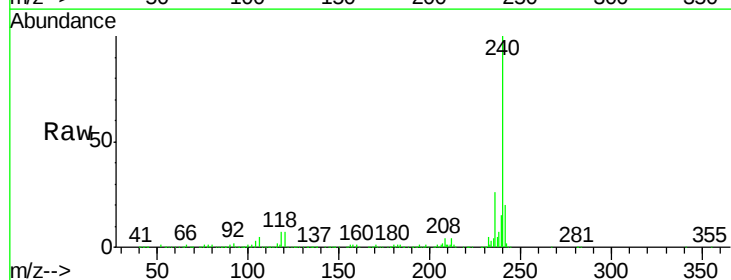
Instrument :
BNA_G
ClientSampleId :

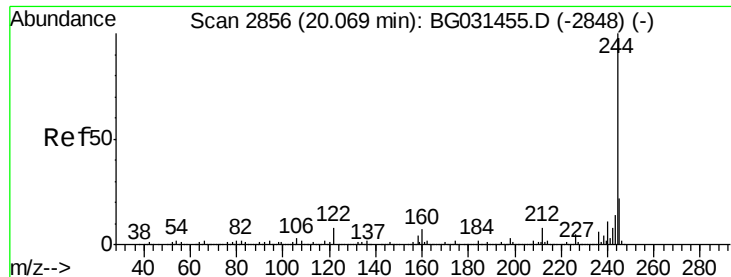
Tot Ion:188 Resp: 559043
Ion Ratio Lower Upper
188 100
94 6.4 6.9 10.3#
80 6.8 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG031648.D
Acq: 18 Dec 2017 23:59

Tgt Ion:240 Resp: 567415
Ion Ratio Lower Upper
240 100
120 7.1 6.8 10.2
236 25.9 20.9 31.3





#78

Terphenyl-d14

Concen: 99.111 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BG031648.D

Acq: 18 Dec 2017 23:59

Instrument :

BNA_G

ClientSampleId :

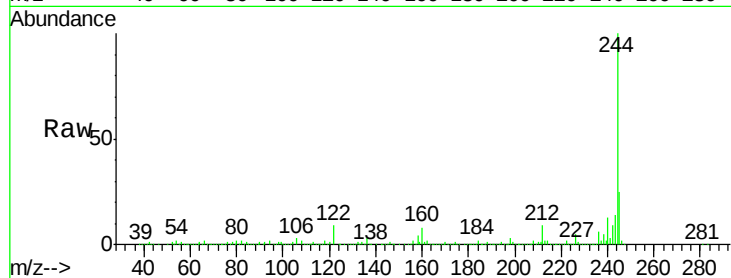
Tot Ion:244 Resp: 2471777

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

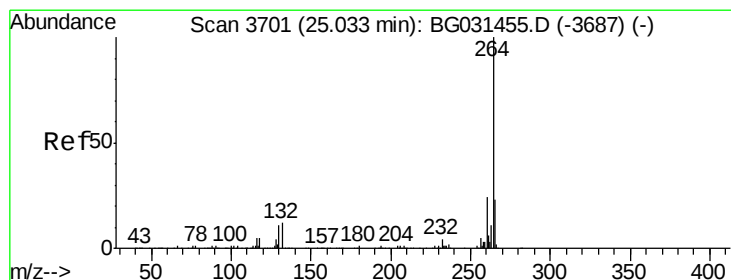
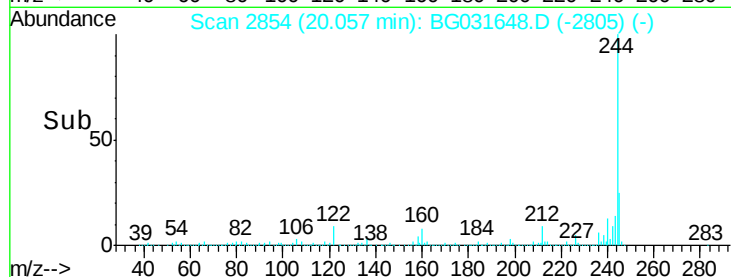
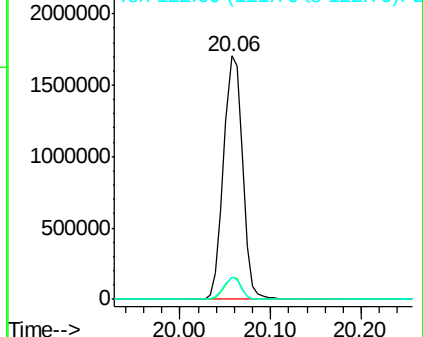
122 8.9 7.0 10.4



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: 25.02 min Scan# 3698

Delta R.T. -0.02 min

Lab File: BG031648.D

Acq: 18 Dec 2017 23:59

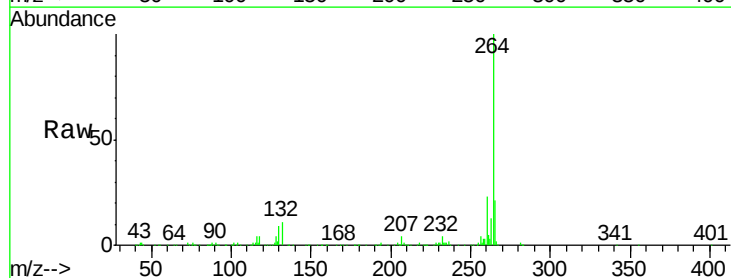
Tgt Ion:264 Resp: 489411

Ion Ratio Lower Upper

264 100

260 22.7 17.4 26.0

265 21.2 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

