

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102317\
 Data File : BG029405.D
 Acq On : 23 Oct 2017 18:52
 Operator : SJ/JU
 Sample : I6062-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DRUM-1

Quant Time: Oct 24 05:52:27 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 17:32:15 2017
 Response via : Initial Calibration

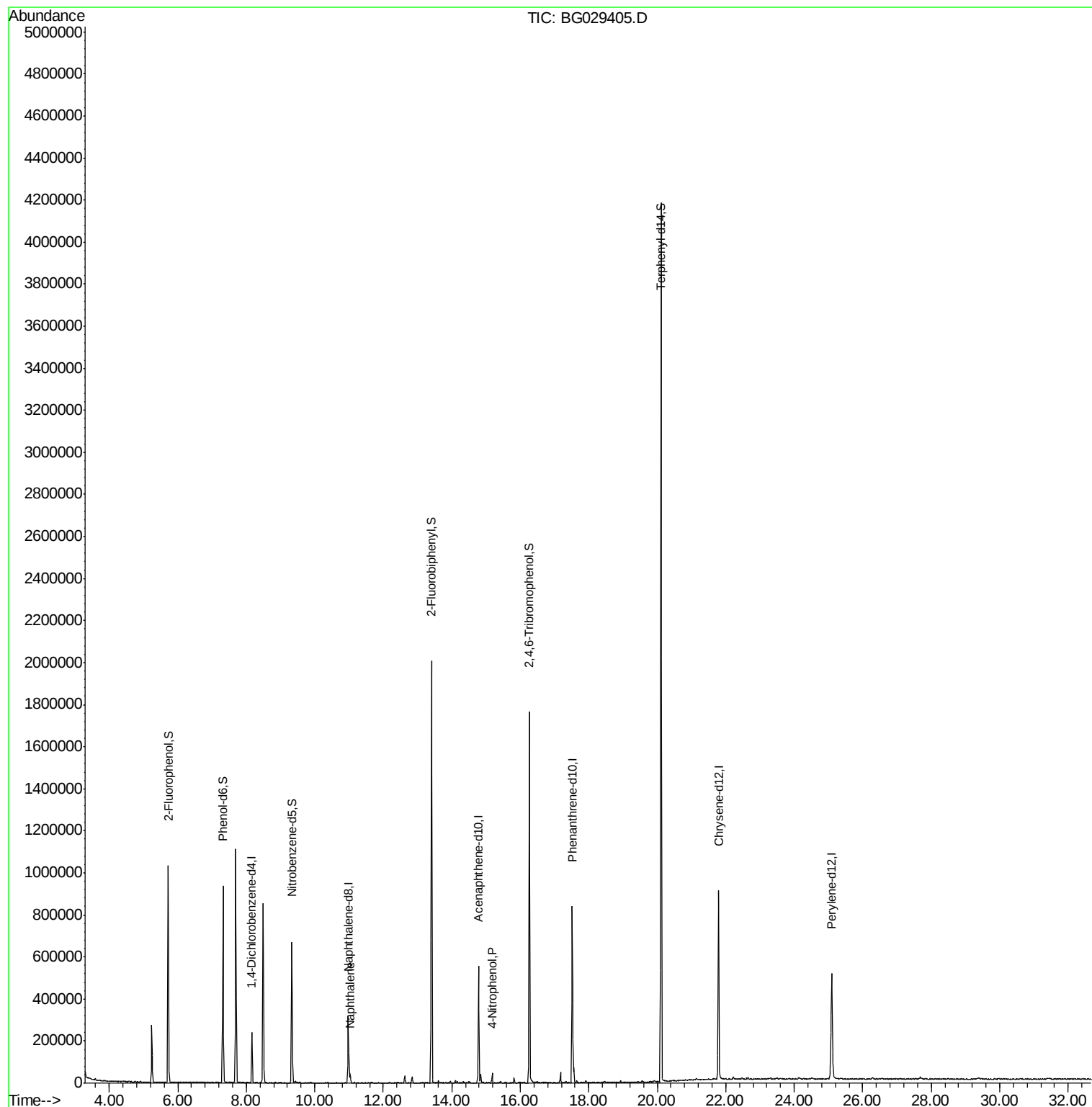
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	68523	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	287642	20.00	ng	-0.01
38) Acenaphthene-d10	14.78	164	189596	20.00	ng	-0.01
63) Phenanthrene-d10	17.52	188	508867	20.00	ng	-0.01
75) Chrysene-d12	21.79	240	568498	20.00	ng	-0.01
86) Perylene-d12	25.09	264	567162	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	470059	114.60	ng	0.00
7) Phenol-d6	7.32	99	542534	94.23	ng	0.00
23) Nitrobenzene-d5	9.33	82	403115	89.06	ng	-0.01
41) 2,4,6-Tribromophenol	16.27	330	360704	147.35	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1081118	83.63	ng	0.00
78) Terphenyl-d14	20.11	244	1949925	78.03	ng	-0.01
Target Compounds						
31) Naphthalene	11.03	128	39655	2.77	ng	Qvalue 96
55) 4-Nitrophenol	15.18	139	11468	4.16	ng	# 1

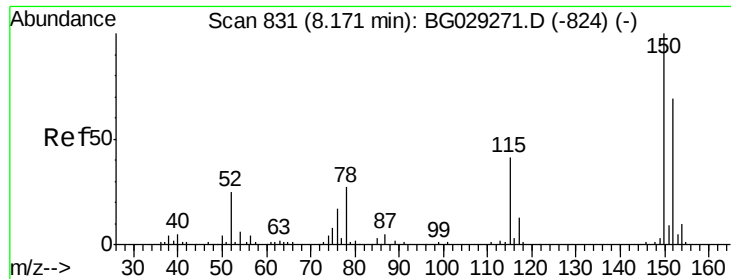
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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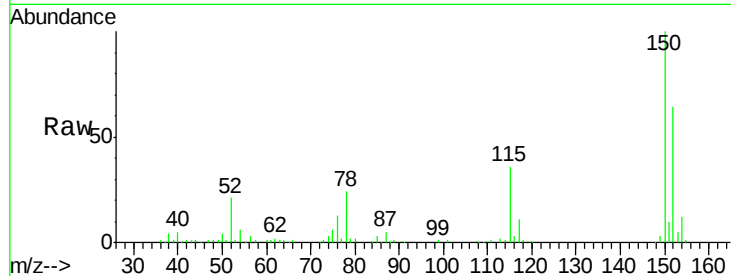


#1

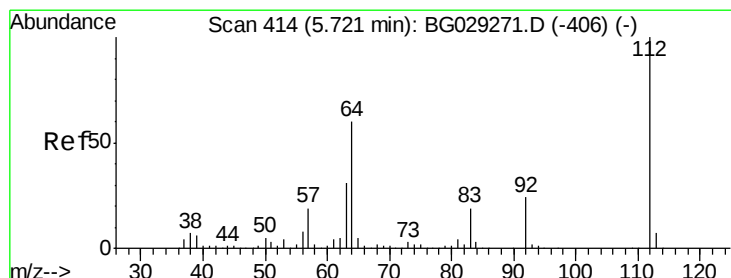
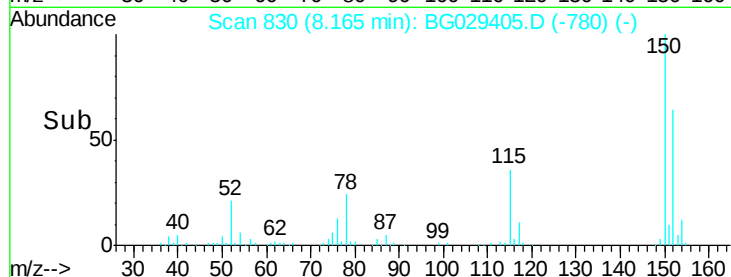
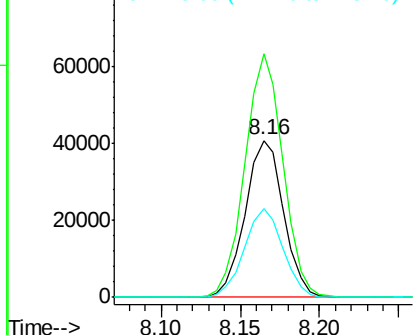
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.16 min Scan# 830
Delta R.T. -0.01 min
Lab File: BG029405.D
Acq: 23 Oct 2017 18:52

Instrument :
BNA_G
ClientSampleId :
DRUM-1

Tot Ion:152 Resp: 68523
Ion Ratio Lower Upper
152 100
150 155.2 126.6 189.8
115 56.3 53.0 79.4



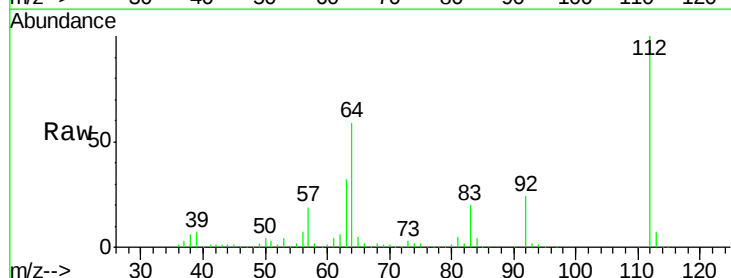
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



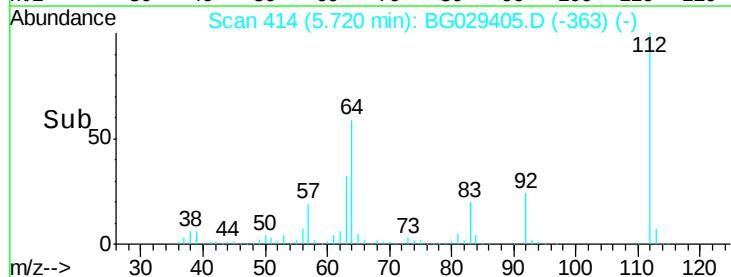
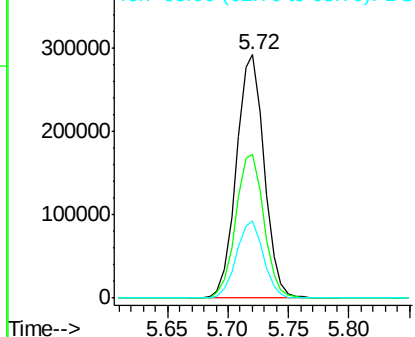
#5

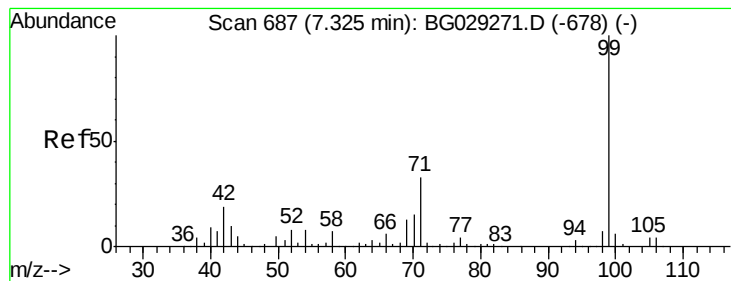
2-Fluorophenol
Concen: 114.60 ng
RT: 5.72 min Scan# 414
Delta R.T. 0.00 min
Lab File: BG029405.D
Acq: 23 Oct 2017 18:52

Tgt Ion:112 Resp: 470059
Ion Ratio Lower Upper
112 100
64 59.3 56.3 84.5
63 31.6 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: 94.23 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG029405.D

Acq: 23 Oct 2017 18:52

Instrument :

BNA_G

ClientSampleId :

DRUM-1

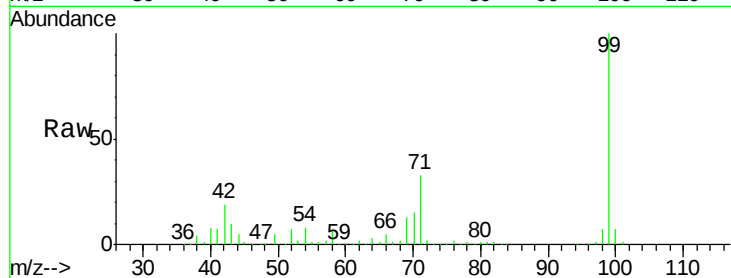
Tot Ion: 99 Resp: 542534

Ion Ratio Lower Upper

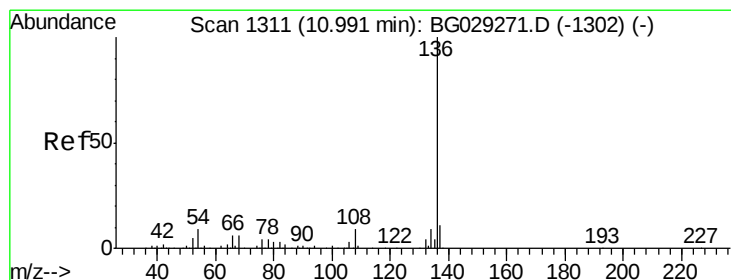
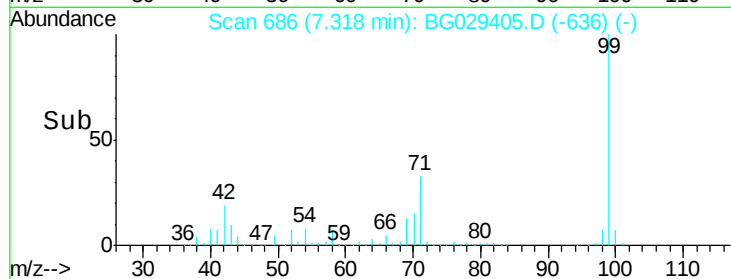
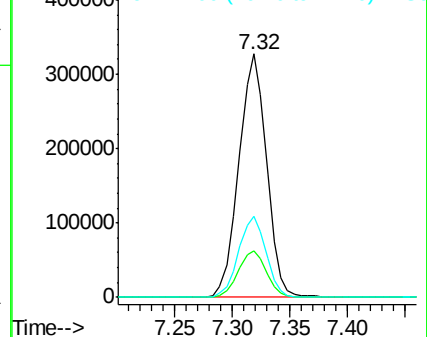
99 100

42 19.1 14.1 21.1

71 33.4 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: 20.00 ng

RT: 10.98 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BG029405.D

Acq: 23 Oct 2017 18:52

Tgt Ion: 136 Resp: 287642

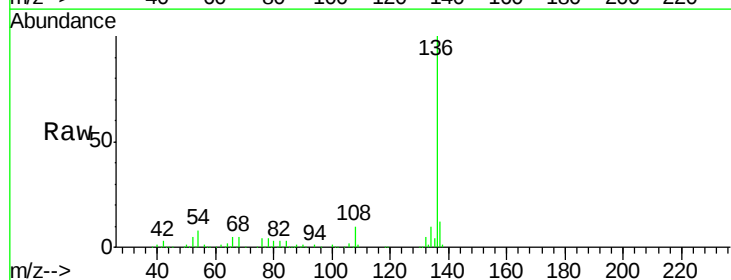
Ion Ratio Lower Upper

136 100

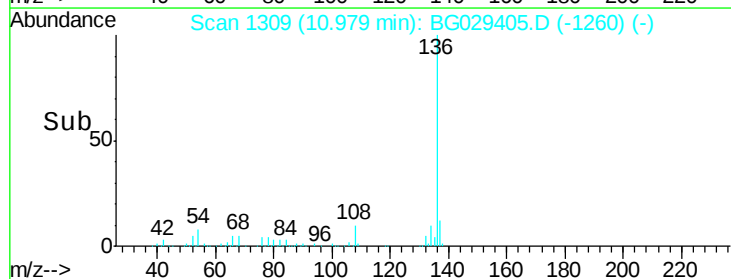
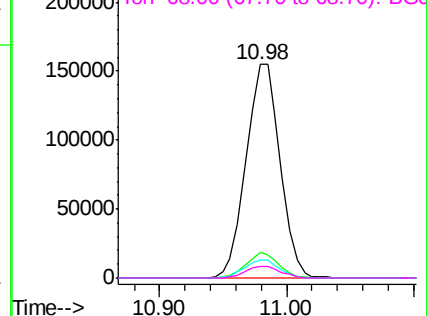
137 11.8 9.2 13.8

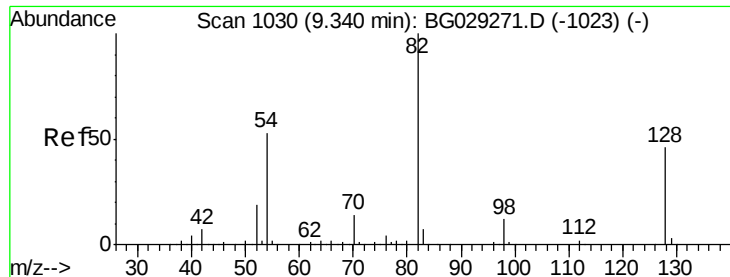
54 8.4 10.3 15.5#

68 5.4 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

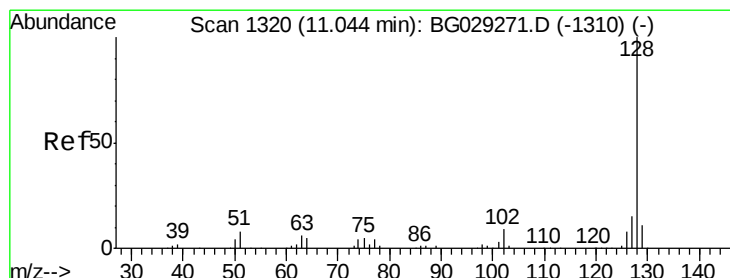
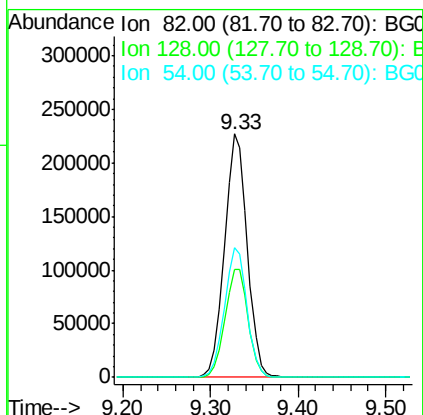
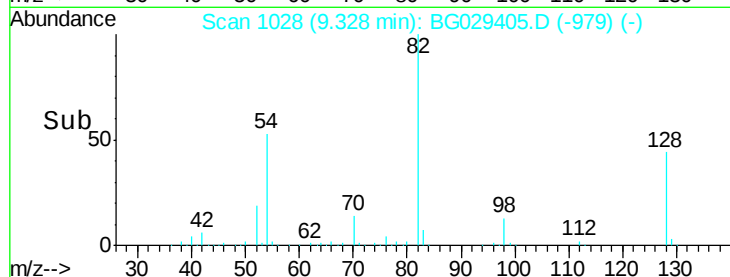
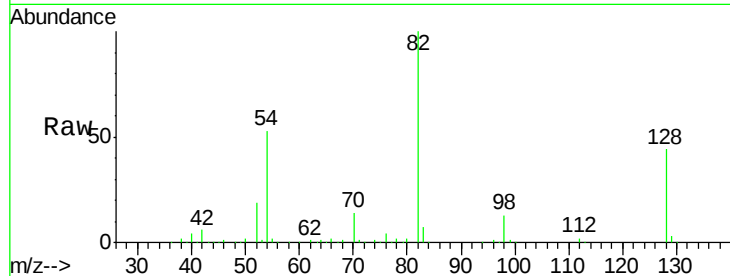




#23
Nitrobenzene-d5
Concen: 89.06 ng
RT: 9.33 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG029405.D
Acq: 23 Oct 2017 18:52

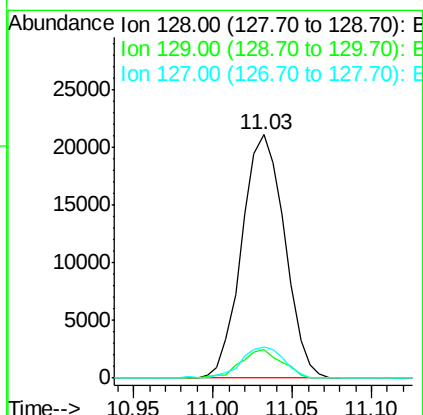
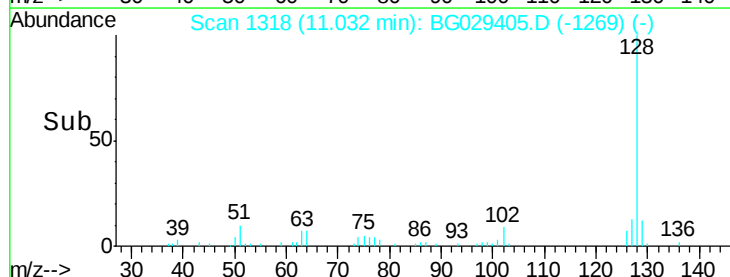
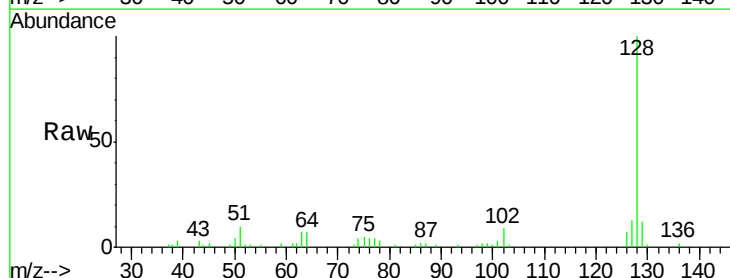
Instrument :
BNA_G
ClientSampleId :
DRUM-1

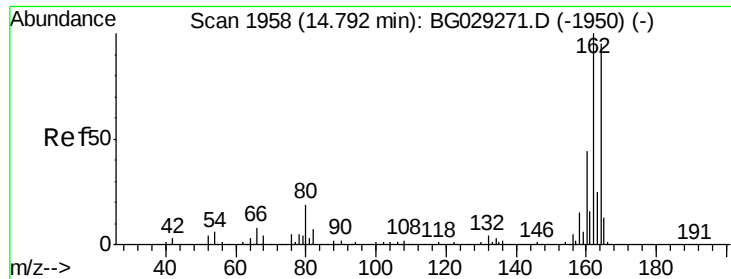
Tot Ion: 82 Resp: 403115
Ion Ratio Lower Upper
82 100
128 44.3 29.7 44.5
54 53.3 43.1 64.7



#31
Naphthalene
Concen: 2.77 ng
RT: 11.03 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BG029405.D
Acq: 23 Oct 2017 18:52

Tgt Ion: 128 Resp: 39655
Ion Ratio Lower Upper
128 100
129 11.8 8.6 12.8
127 12.7 11.6 17.4

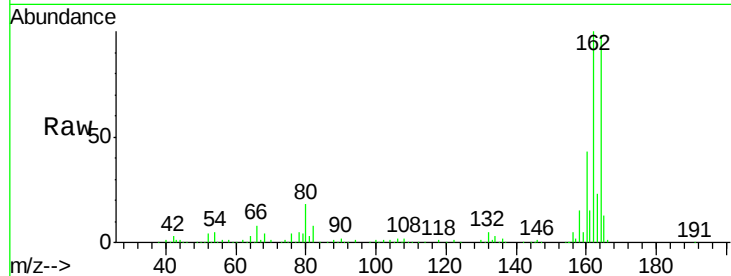




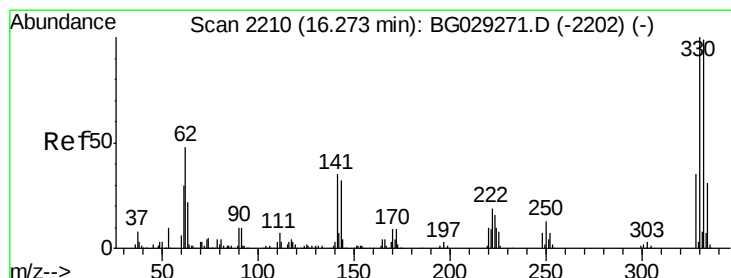
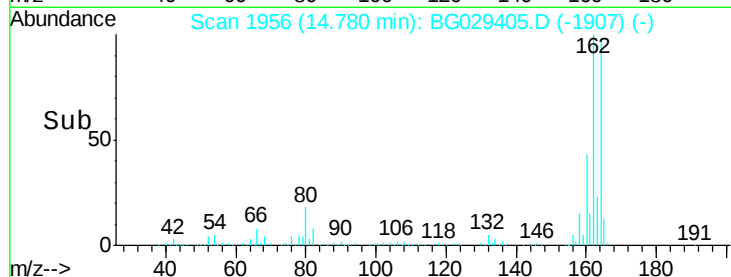
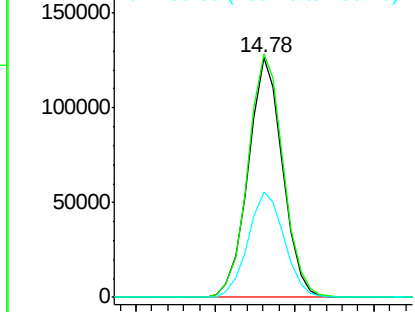
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG029405.D
Acq: 23 Oct 2017 18:52

Instrument :
BNA_G
ClientSampleId :
DRUM-1

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.8	78.8	118.2
160	44.2	35.4	53.0

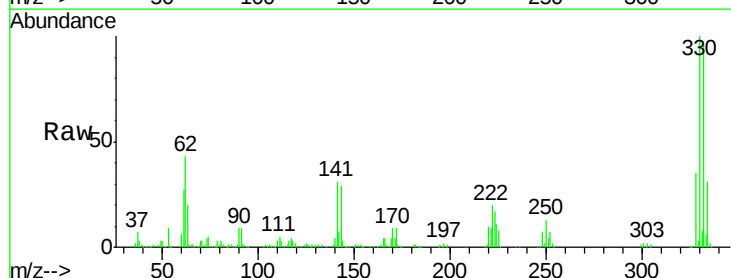


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

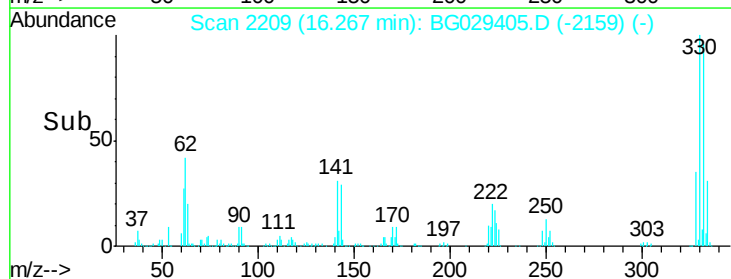
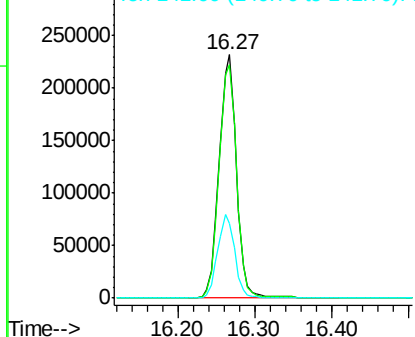


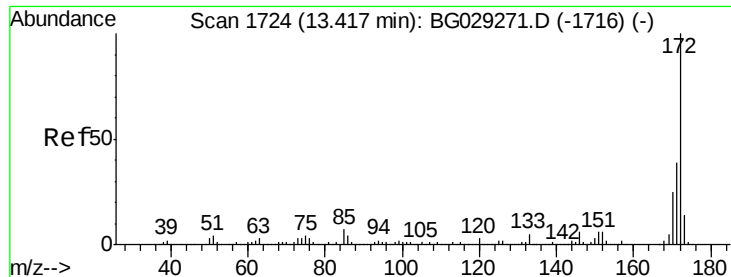
#41
2,4,6-Tribromophenol
Concen: 147.35 ng
RT: 16.27 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BG029405.D
Acq: 23 Oct 2017 18:52

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	33.9	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

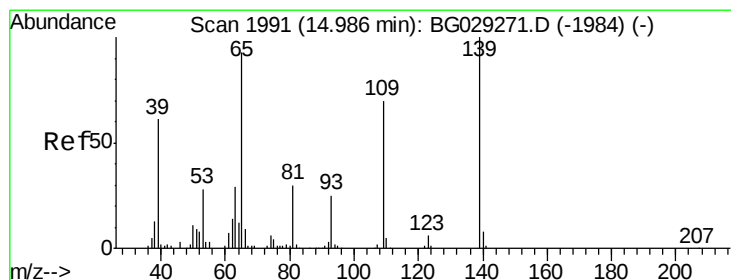
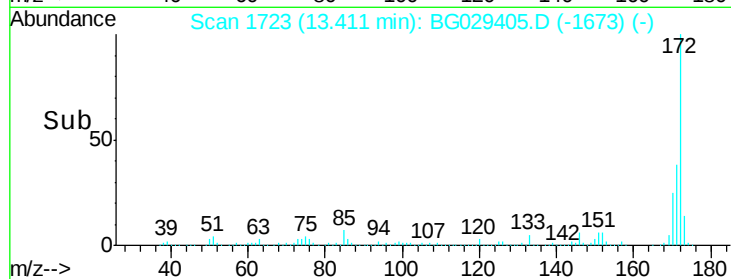
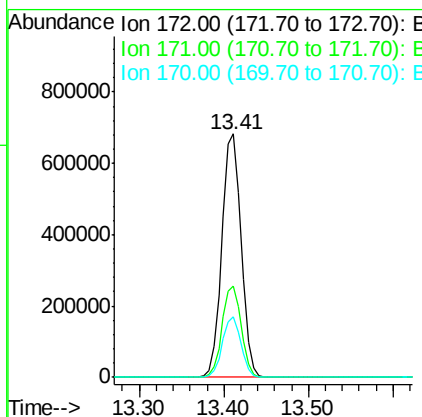
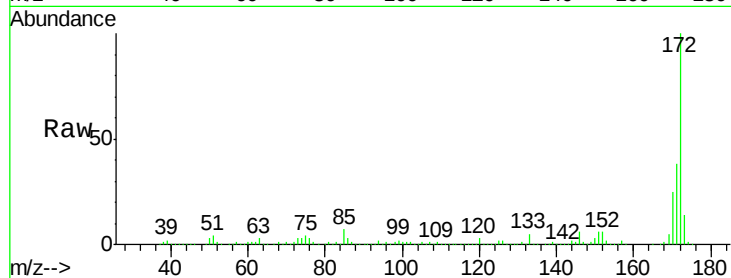




#44
 2-Fluorobiphenyl
 Concen: 83.63 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG029405.D
 Acq: 23 Oct 2017 18:52

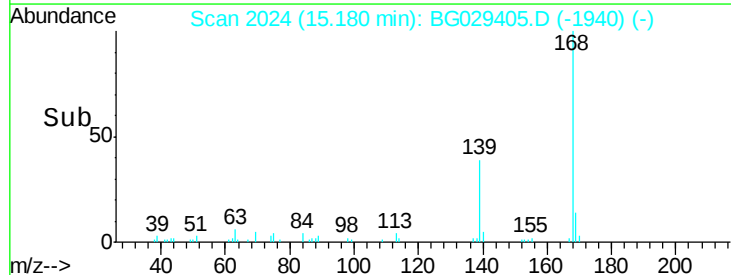
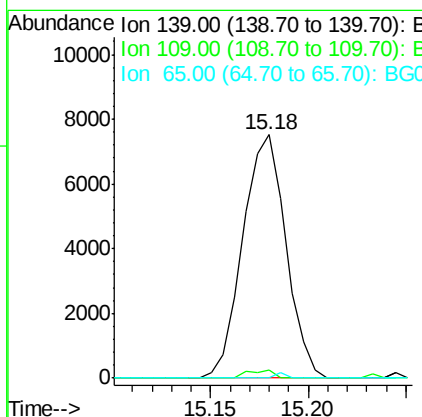
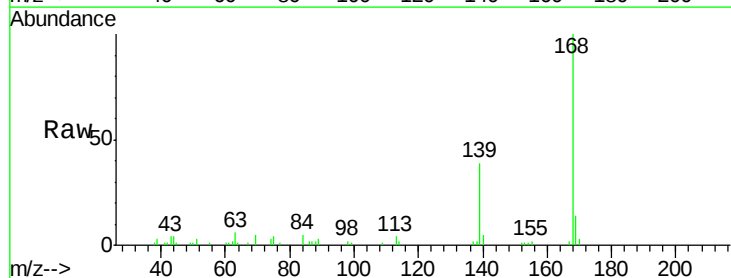
Instrument :
 BNA_G
 ClientSampled :
 DRUM-1

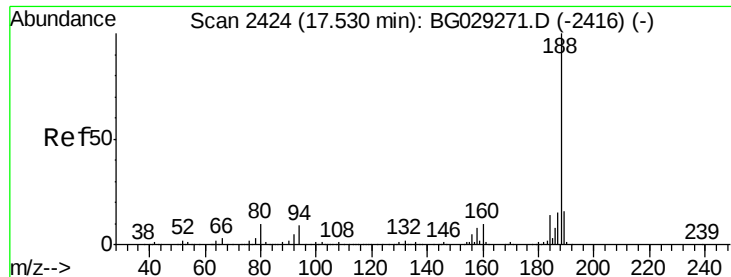
Tot Ion:172 Resp: 1081118
 Ion Ratio Lower Upper
 172 100
 171 37.7 30.0 45.0
 170 24.8 19.5 29.3



#55
 4-Nitrophenol
 Concen: 4.16 ng
 RT: 15.18 min Scan# 2024
 Delta R.T. 0.19 min
 Lab File: BG029405.D
 Acq: 23 Oct 2017 18:52

Tgt Ion:139 Resp: 11468
 Ion Ratio Lower Upper
 139 100
 109 3.3 62.2 102.2#
 65 0.0 97.2 137.2#

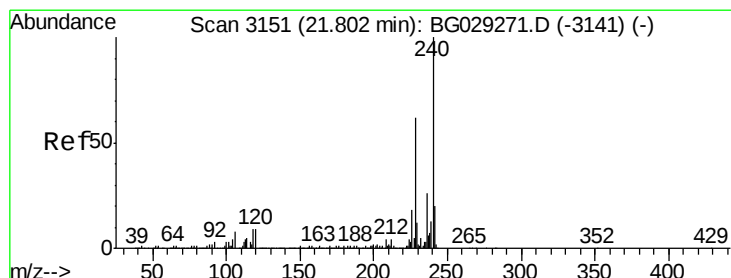
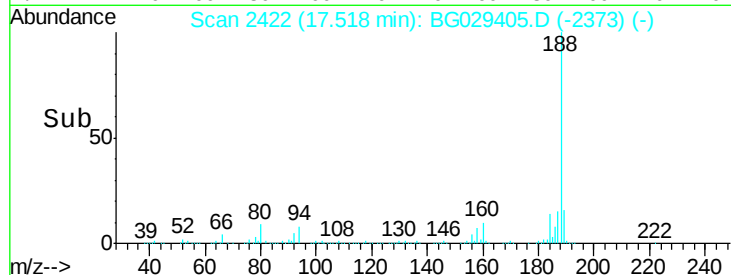
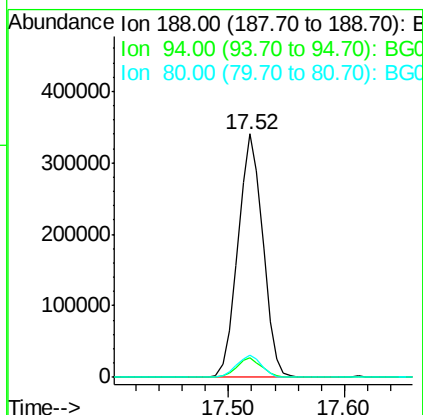
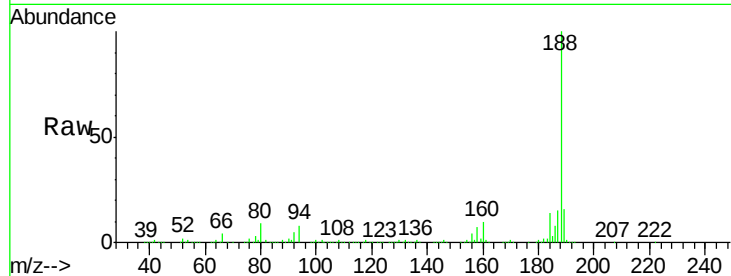




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG029405.D
Acq: 23 Oct 2017 18:52

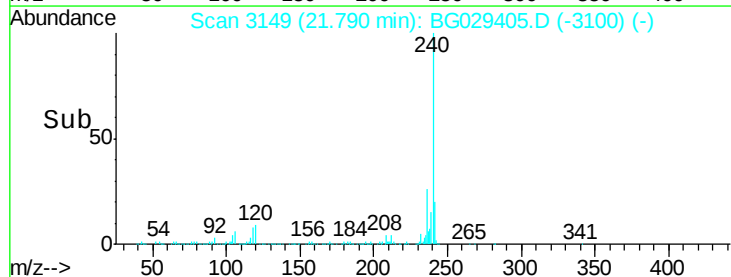
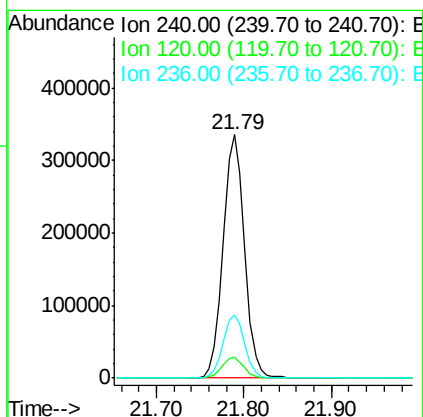
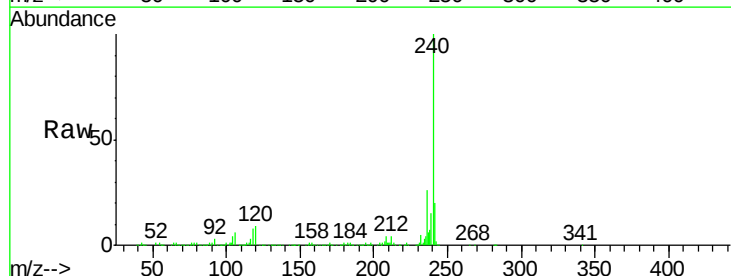
Instrument :
BNA_G
ClientSampleId :
DRUM-1

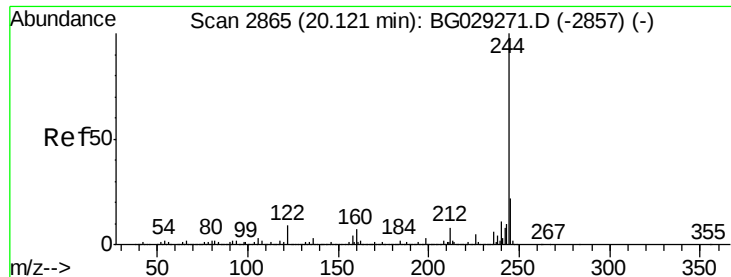
Tot Ion:188 Resp: 508867
Ion Ratio Lower Upper
188 100
94 7.8 6.9 10.3
80 9.0 7.7 11.5



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.79 min Scan# 3149
Delta R.T. -0.01 min
Lab File: BG029405.D
Acq: 23 Oct 2017 18:52

Tgt Ion:240 Resp: 568498
Ion Ratio Lower Upper
240 100
120 8.7 6.8 10.2
236 25.9 20.9 31.3





#78

Terphenyl-d14

Concen: 78.03 ng

RT: 20.11 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG029405.D

Acq: 23 Oct 2017 18:52

Instrument :

BNA_G

ClientSampleId :

DRUM-1

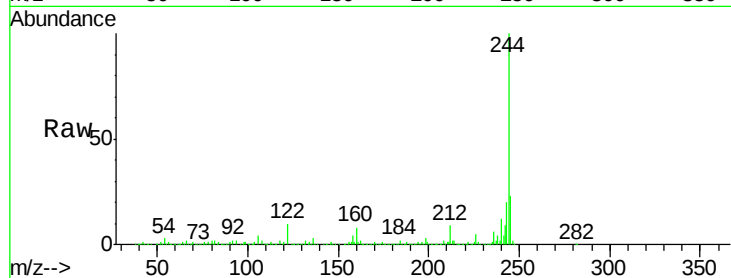
Tot Ion:244 Resp: 1949925

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

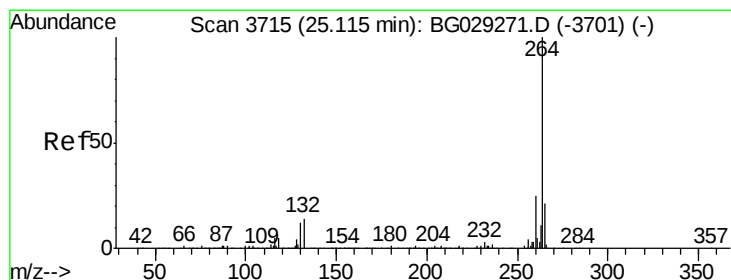
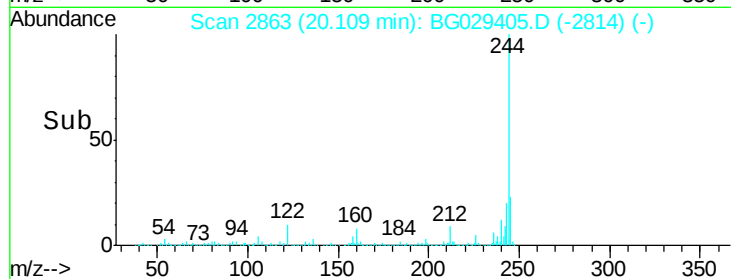
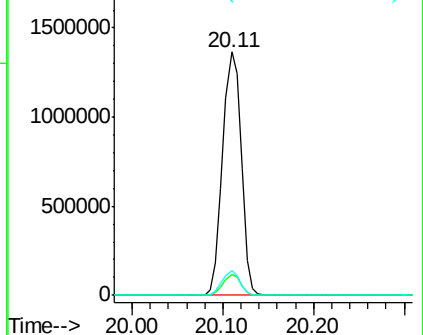
122 10.0 7.0 10.4



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: 25.09 min Scan# 3711

Delta R.T. -0.02 min

Lab File: BG029405.D

Acq: 23 Oct 2017 18:52

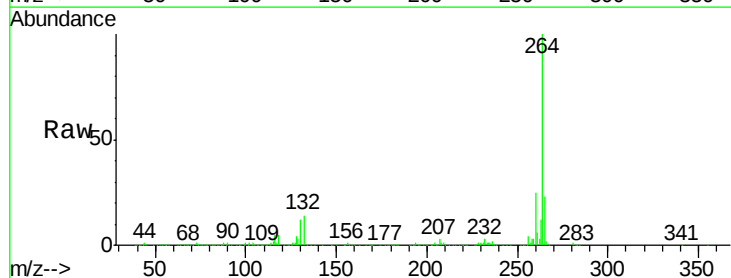
Tgt Ion:264 Resp: 567162

Ion Ratio Lower Upper

264 100

260 24.9 17.4 26.0

265 22.5 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

