

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100317\
 Data File : BG029024.D
 Acq On : 4 Oct 2017 3:53
 Operator : SJ/JU
 Sample : I5496-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PAMT-COMP-DUP

Quant Time: Oct 04 07:33:47 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

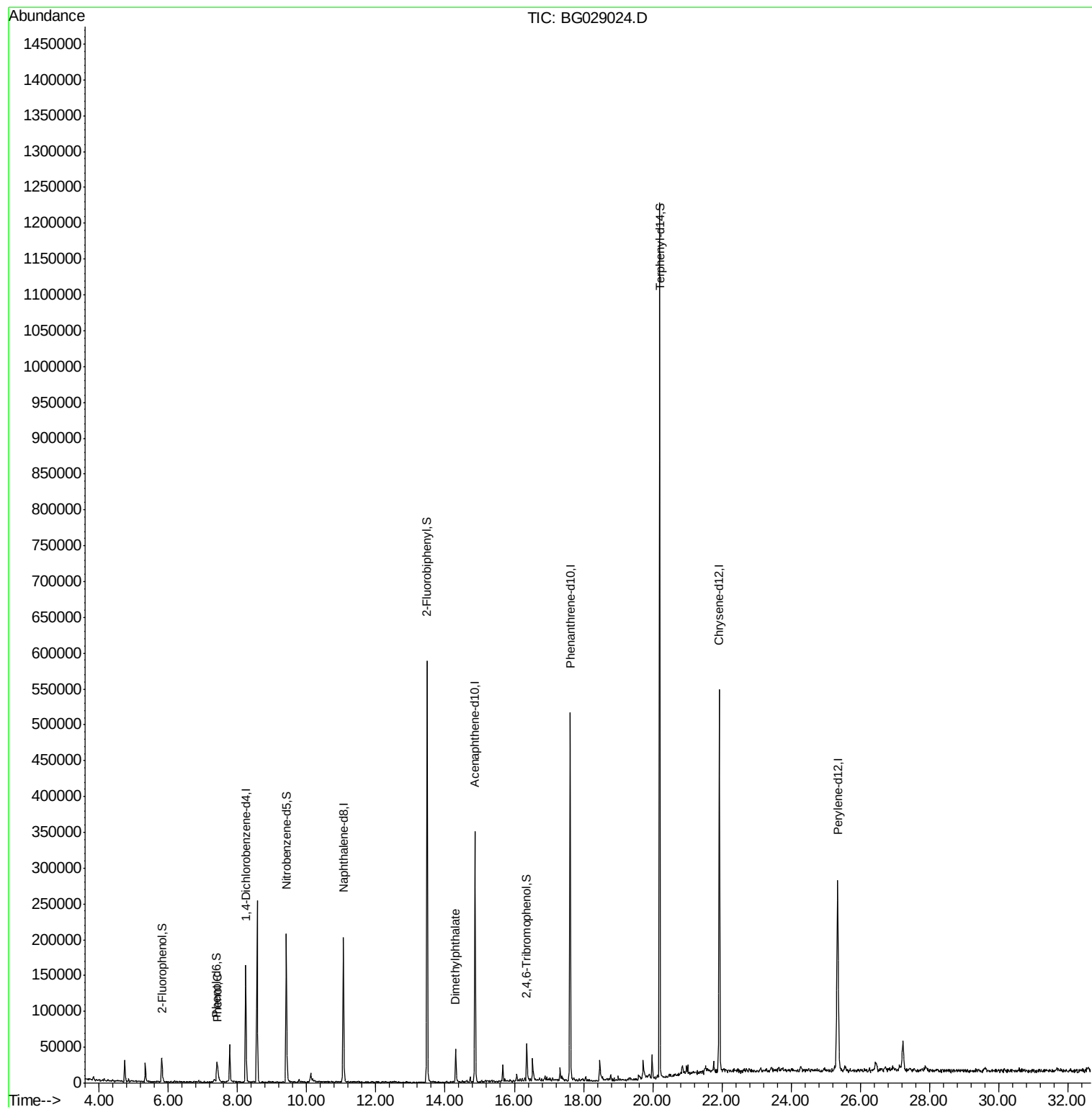
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	43942	20.00	ng	-0.09
21) Naphthalene-d8	11.06	136	177841	20.00	ng	-0.09
38) Acenaphthene-d10	14.87	164	127446	20.00	ng	-0.08
63) Phenanthrene-d10	17.61	188	334920	20.00	ng	-0.08
75) Chrysene-d12	21.93	240	363388	20.00	ng	-0.10
86) Perylene-d12	25.34	264	310449	20.00	ng	-0.19
System Monitoring Compounds						
5) 2-Fluorophenol	5.81	112	16475	6.19	ng	-0.09
7) Phenol-d6	7.40	99	18417	4.59	ng	-0.09
23) Nitrobenzene-d5	9.41	82	137765	37.06	ng	-0.09
41) 2,4,6-Tribromophenol	16.36	330	12025	5.70	ng	-0.07
44) 2-Fluorobiphenyl	13.48	172	331694	34.70	ng	-0.08
78) Terphenyl-d14	20.20	244	591452	34.71	ng	-0.08
Target Compounds						
10) Phenol	7.43	94	10058	2.377	ng	Qvalue 87
49) Dimethylphthalate	14.31	163	36322	3.399	ng	# 96

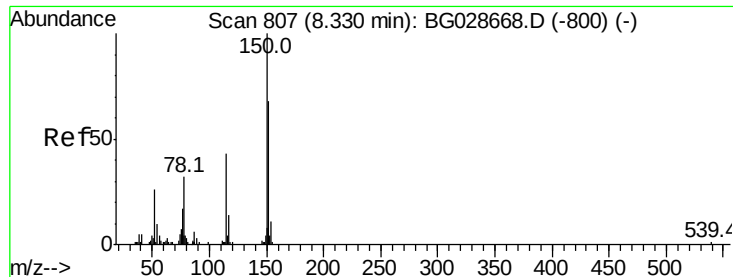
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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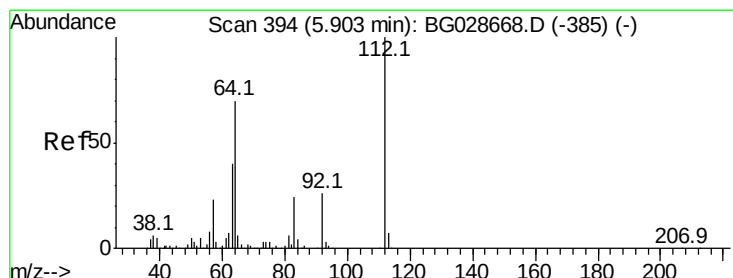
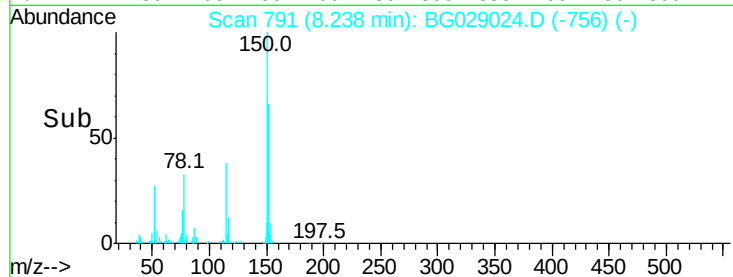
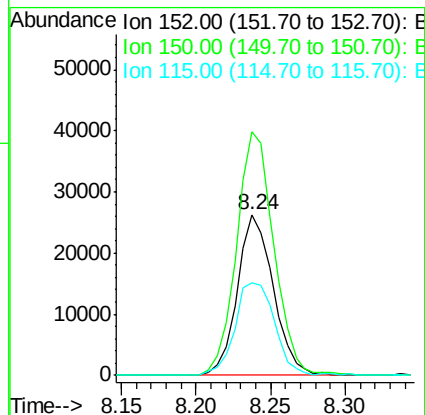
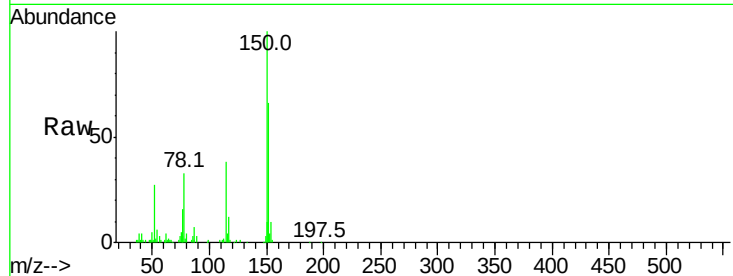


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.24 min Scan# 791
Delta R.T. -0.09 min
Lab File: BG029024.D
Acq: 4 Oct 2017 3:53

Instrument :
BNA_G
ClientSampleId :
PAMT-COMP-DUP

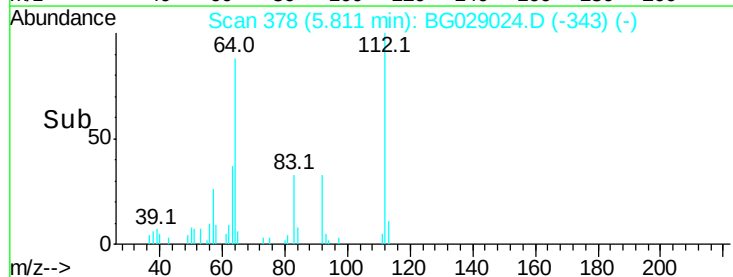
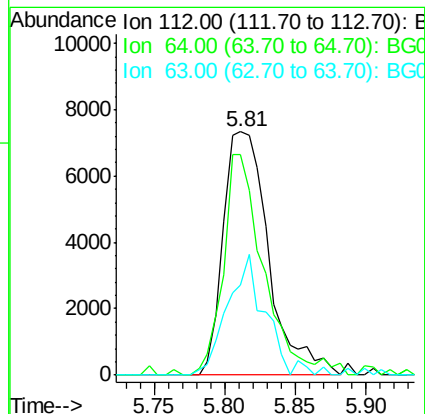
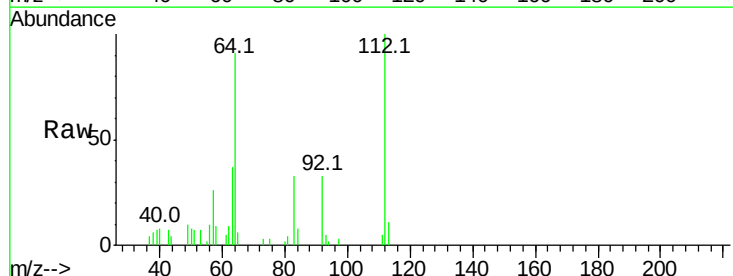
Tot Ion:152 Resp: 43942
Ion Ratio Lower Upper
152 100
150 151.6 114.0 171.0
115 57.7 48.1 72.1

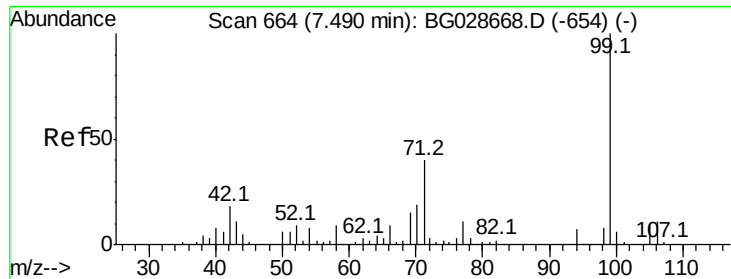


#5

2-Fluorophenol
Concen: 6.186 ng
RT: 5.81 min Scan# 378
Delta R.T. -0.09 min
Lab File: BG029024.D
Acq: 4 Oct 2017 3:53

Tgt Ion:112 Resp: 16475
Ion Ratio Lower Upper
112 100
64 90.8 61.8 92.6
63 36.7 37.2 55.8#





#7

Phenol-d6

Concen: 4.593 ng

RT: 7.40 min Scan# 649

Delta R.T. -0.09 min

Lab File: BG029024.D

Acq: 4 Oct 2017 3:53

Instrument :

BNA_G

ClientSampleId :

PAMT-COMP-DUP

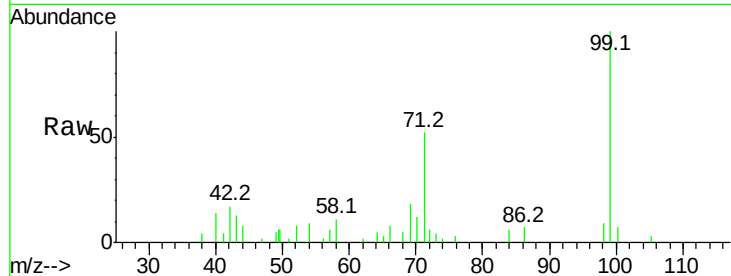
Tot Ion: 99 Resp: 18417

Ion Ratio Lower Upper

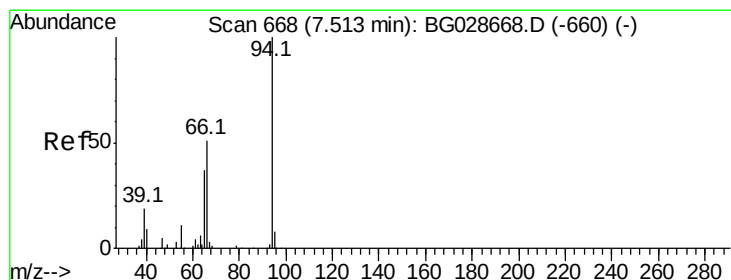
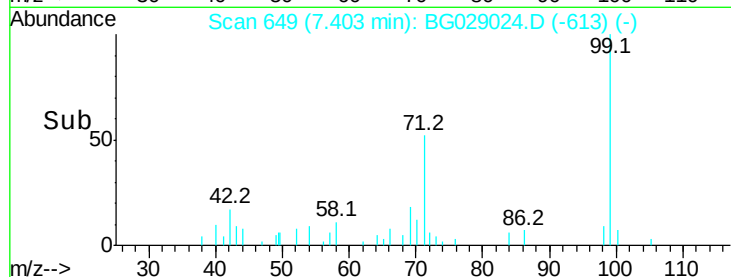
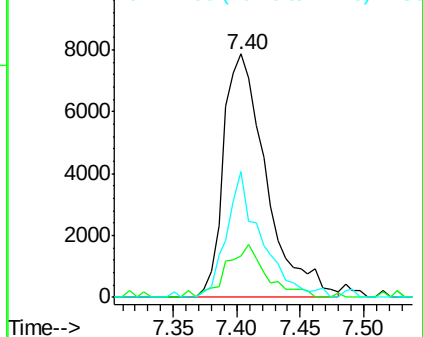
99 100

42 16.8 20.5 30.7#

71 51.9 37.6 56.4



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: 2.377 ng

RT: 7.43 min Scan# 654

Delta R.T. -0.08 min

Lab File: BG029024.D

Acq: 4 Oct 2017 3:53

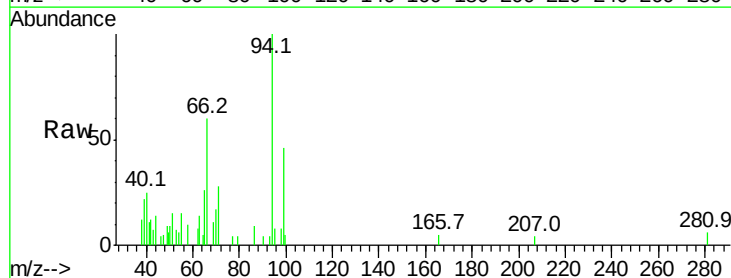
Tgt Ion: 94 Resp: 10058

Ion Ratio Lower Upper

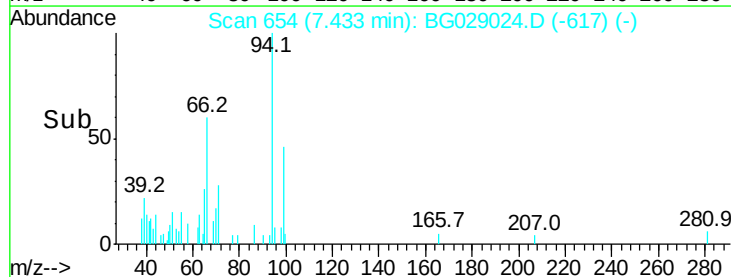
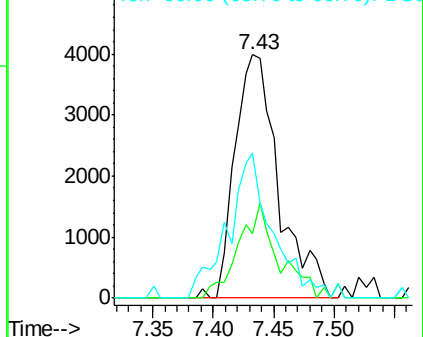
94 100

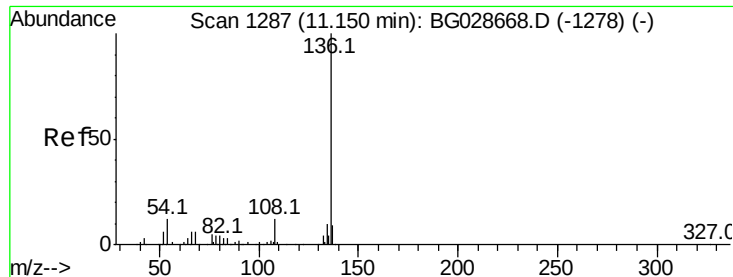
65 26.4 20.6 60.6

66 59.7 35.5 75.5



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

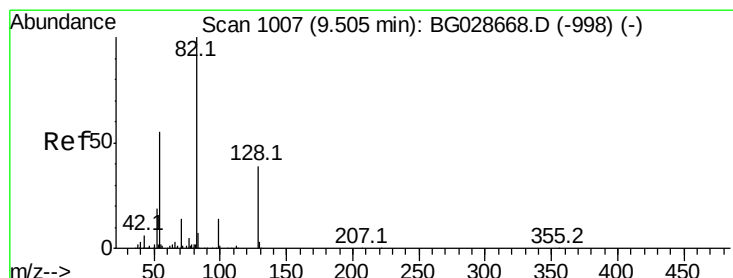
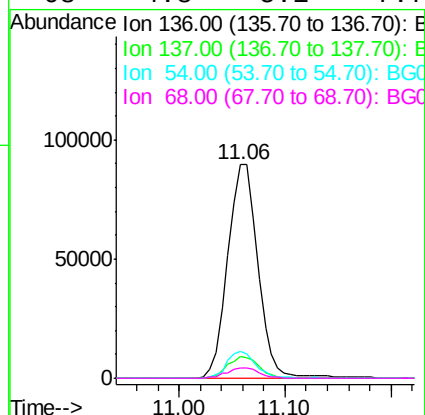
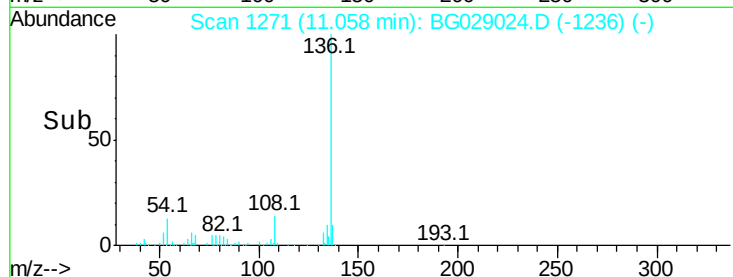
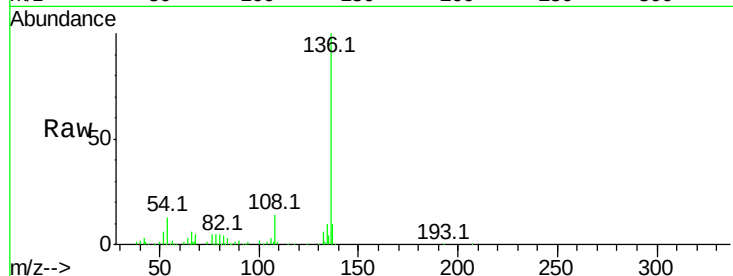




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.06 min Scan# 1271
Delta R.T. -0.09 min
Lab File: BG029024.D
Acq: 4 Oct 2017 3:53

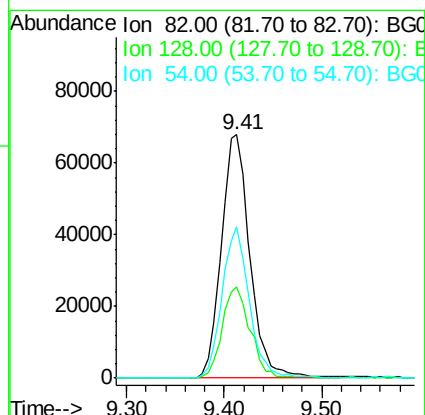
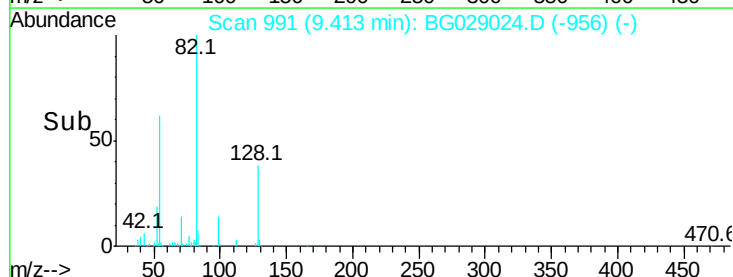
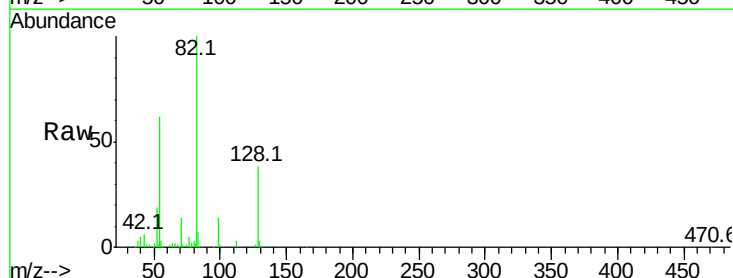
Instrument :
BNA_G
ClientSampleId :
PAMT-COMP-DUP

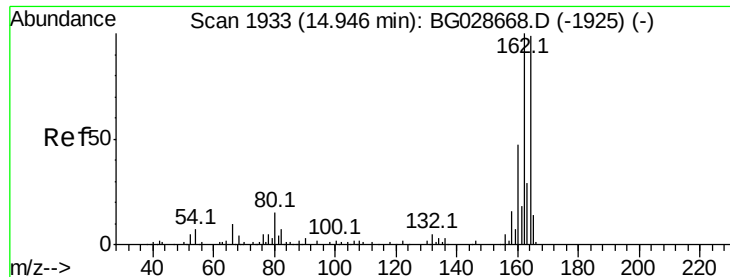
Tot Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.9	13.3
54	12.6	9.3	13.9
68	4.8	5.1	7.7#



#23
Nitrobenzene-d5
Concen: 37.057 ng
RT: 9.41 min Scan# 991
Delta R.T. -0.09 min
Lab File: BG029024.D
Acq: 4 Oct 2017 3:53

Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.6	26.4	39.6
54	62.3	49.4	74.2





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.87 min Scan# 1919

Delta R.T. -0.08 min

Lab File: BG029024.D

Acq: 4 Oct 2017 3:53

Instrument :

BNA_G

ClientSampleId :

PAMT-COMP-DUP

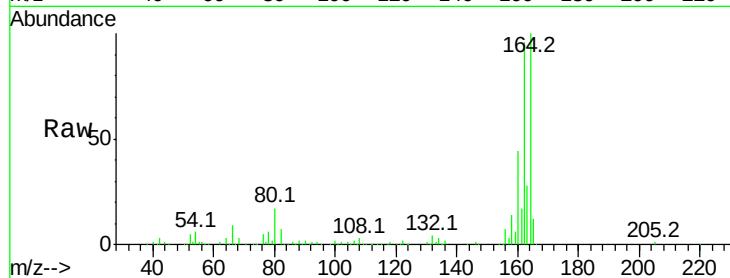
Tot Ion:164 Resp: 127446

Ion Ratio Lower Upper

164 100

162 96.1 85.1 127.7

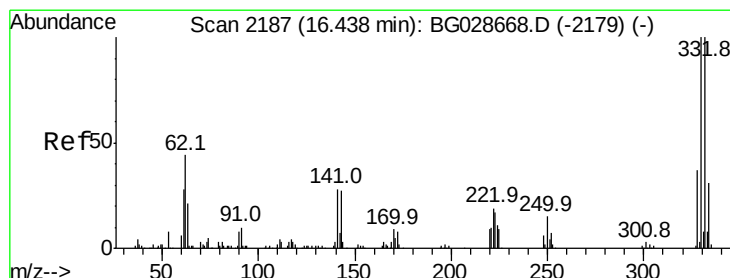
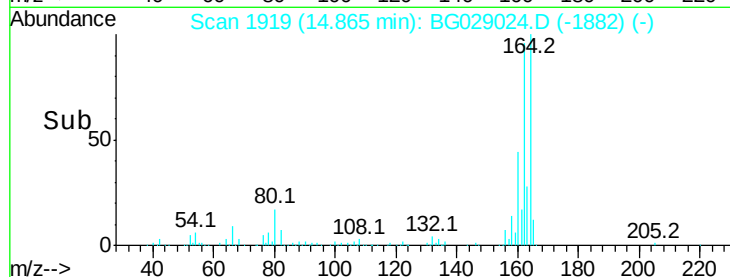
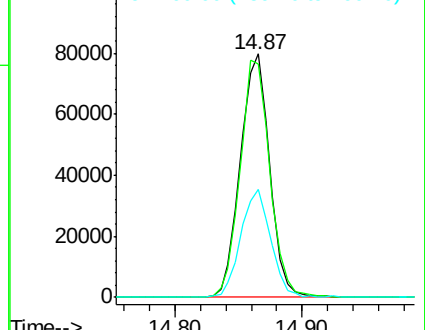
160 44.2 34.7 52.1



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: 5.705 ng

RT: 16.36 min Scan# 2174

Delta R.T. -0.07 min

Lab File: BG029024.D

Acq: 4 Oct 2017 3:53

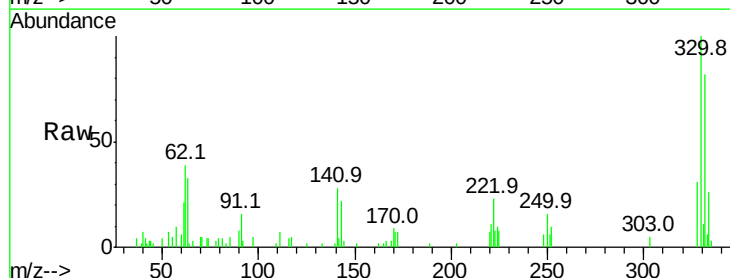
Tgt Ion:330 Resp: 12025

Ion Ratio Lower Upper

330 100

332 98.3 77.3 115.9

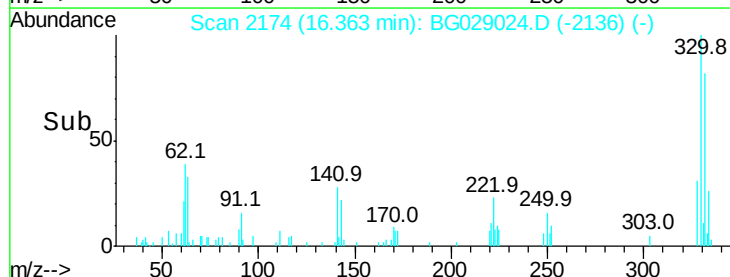
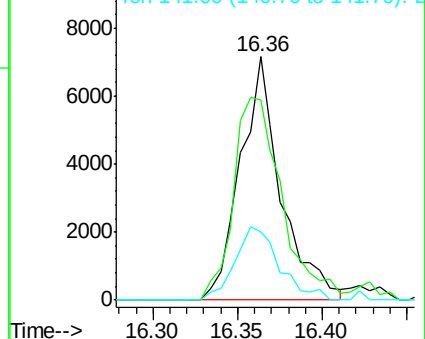
141 33.0 32.1 48.1

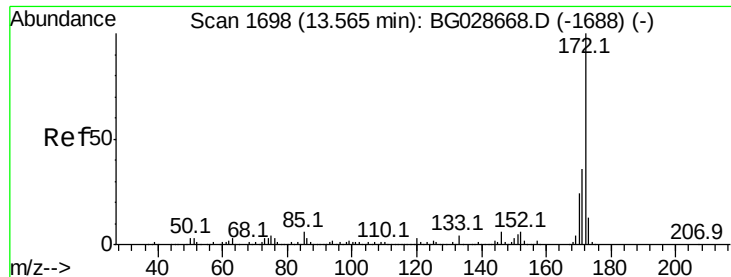


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

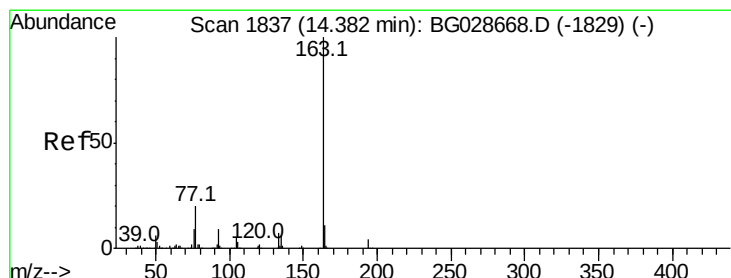
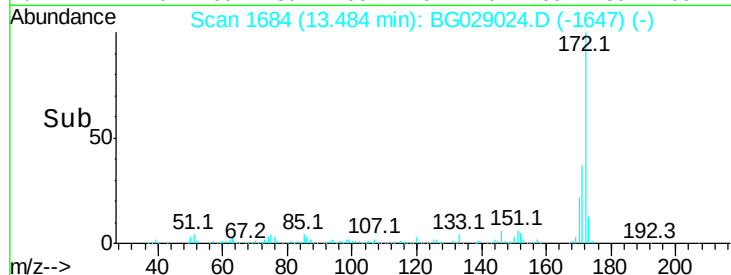
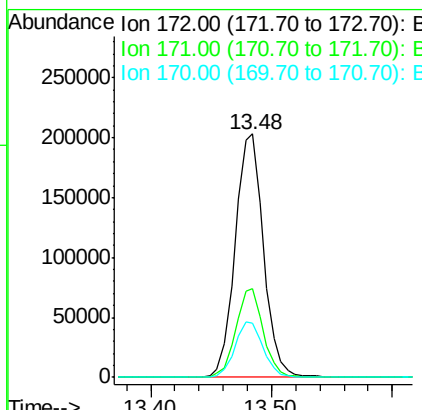
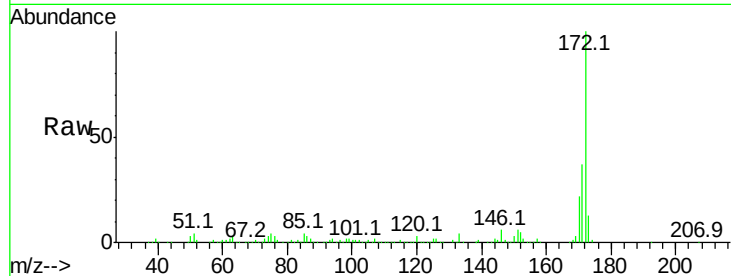




#44
2-Fluorobiphenyl
Concen: 34.704 ng
RT: 13.48 min Scan# 1684
Delta R.T. -0.08 min
Lab File: BG029024.D
Acq: 4 Oct 2017 3:53

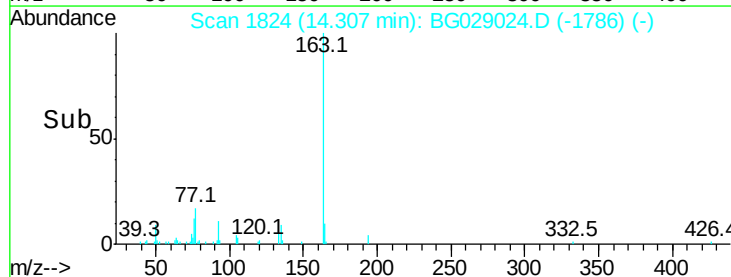
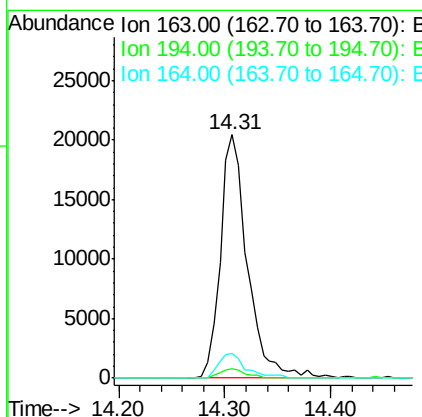
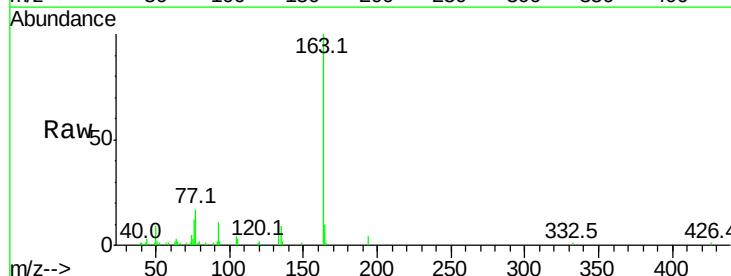
Instrument :
BNA_G
ClientSampleId :
PAMT-COMP-DUP

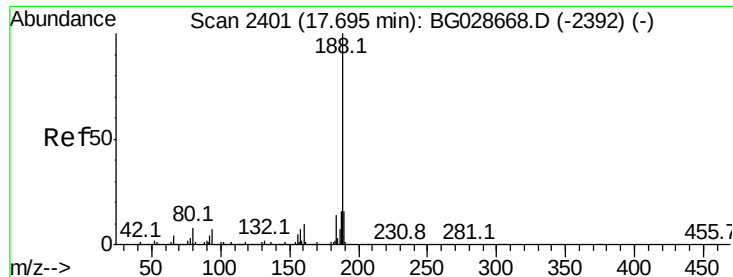
Tot Ion:172 Resp: 331694
Ion Ratio Lower Upper
172 100
171 36.6 32.2 48.2
170 22.2 21.8 32.6



#49
Dimethylphthalate
Concen: 3.399 ng
RT: 14.31 min Scan# 1824
Delta R.T. -0.07 min
Lab File: BG029024.D
Acq: 4 Oct 2017 3:53

Tgt Ion:163 Resp: 36322
Ion Ratio Lower Upper
163 100
194 3.6 3.8 5.6#
164 10.1 9.3 13.9

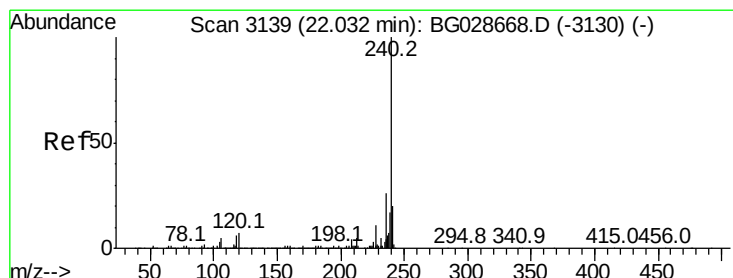
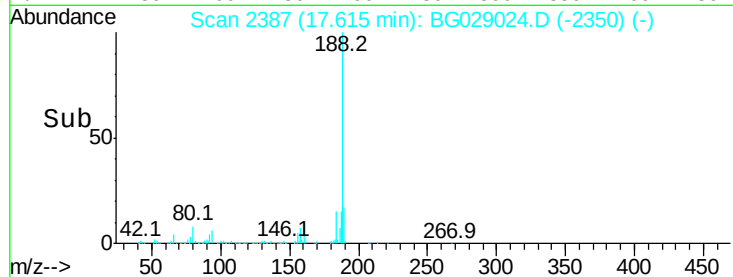
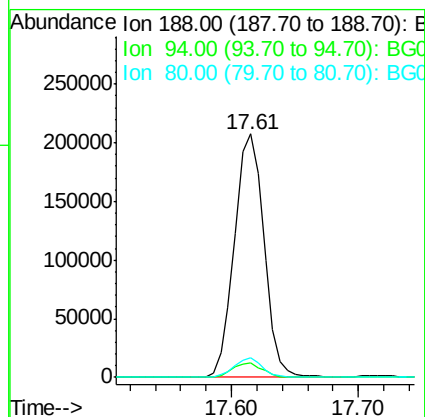
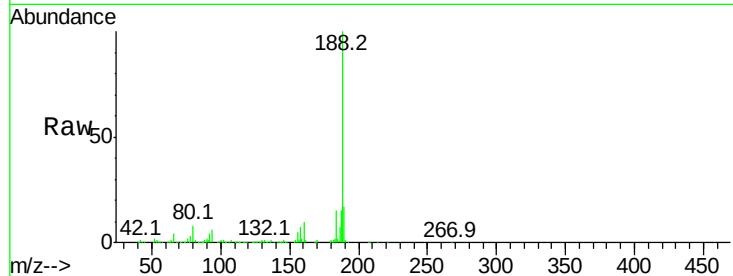




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.61 min Scan# 2387
Delta R.T. -0.08 min
Lab File: BG029024.D
Acq: 4 Oct 2017 3:53

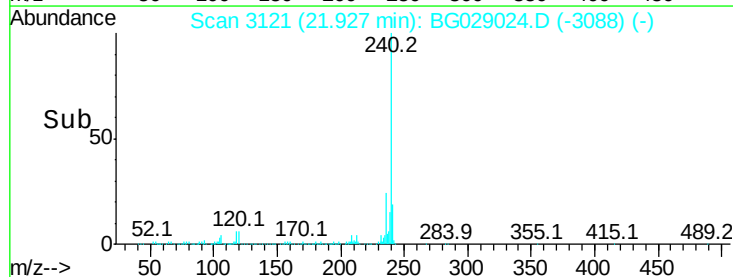
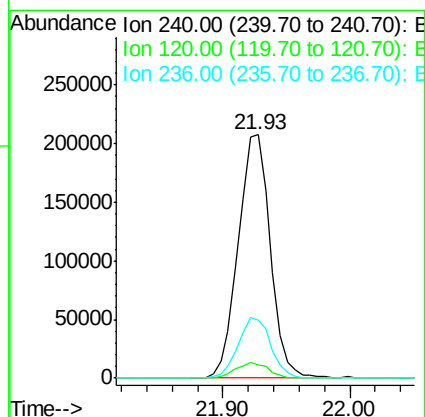
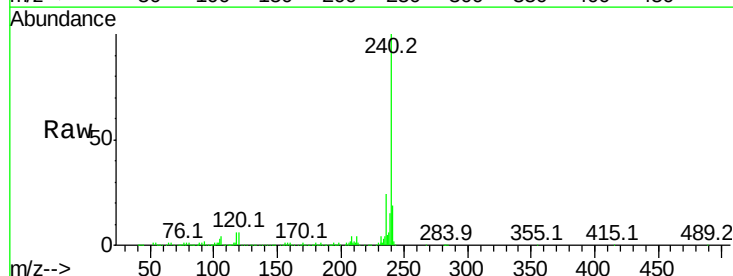
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BNA_G
ClientSampleId :
PAMT-COMP-DUP

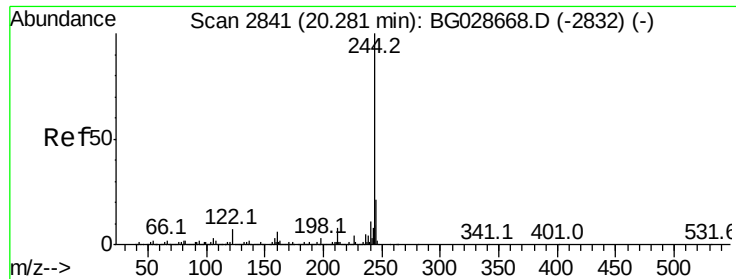
Tot Ion:188 Resp: 334920
Ion Ratio Lower Upper
188 100
94 6.0 5.8 8.8
80 8.2 7.5 11.3



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.93 min Scan# 3121
Delta R.T. -0.10 min
Lab File: BG029024.D
Acq: 4 Oct 2017 3:53

Tgt Ion:240 Resp: 363388
Ion Ratio Lower Upper
240 100
120 5.7 5.7 8.5#
236 23.7 22.2 33.4





#78

Terphenyl-d14

Concen: 34.710 ng

RT: 20.20 min Scan# 2827

Delta R.T. -0.08 min

Lab File: BG029024.D

Acq: 4 Oct 2017 3:53

Instrument :

BNA_G

ClientSampleId :

PAMT-COMP-DUP

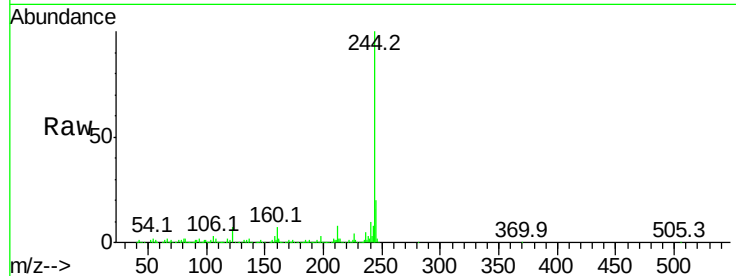
Tot Ion:244 Resp: 591452

Ion Ratio Lower Upper

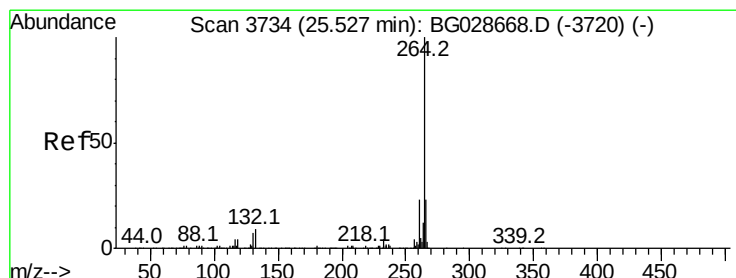
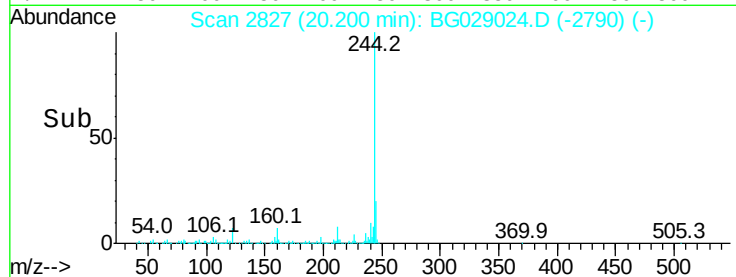
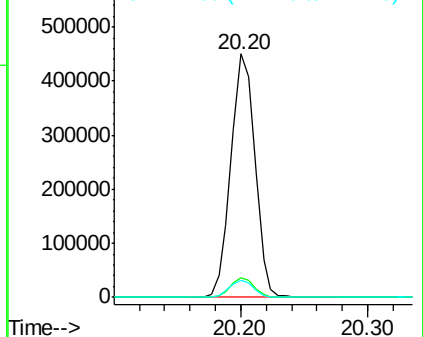
244 100

212 7.9 10.0 15.0#

122 7.1 8.6 12.8#



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: 25.34 min Scan# 3702

Delta R.T. -0.19 min

Lab File: BG029024.D

Acq: 4 Oct 2017 3:53

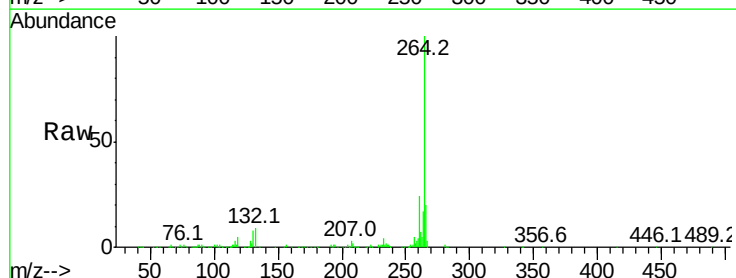
Tgt Ion:264 Resp: 310449

Ion Ratio Lower Upper

264 100

260 23.6 21.8 32.8

265 20.0 18.2 27.4



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

