

Data Path : Z:\HPCHEM1\BNA G\DATA\BG093017\
 Data File : BG028997.D
 Acq On : 1 Oct 2017 2:41
 Operator : SJ/JU
 Sample : I5546-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PAINT-CHIPS-DRUMS-COMP

Manual Integrations
 APPROVED

Sohil
 10/2/2017 5:46:16 PM

Quant Time: Oct 02 15:30:02 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	8.25	152	54289	20.00	ng	-0.08
21) Naphthalene-d8	11.18	136	211726	20.00	ng	0.03
38) Acenaphthene-d10	14.96	164	133910	20.00	ng	0.01
63) Phenanthrene-d10	17.67	188	302930	20.00	ng	-0.03
75) Chrysene-d12	22.03	240	285073	20.00	ng	0.00
86) Perylene-d12	25.49	264	378039	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	7.61	99	8001	1.62	ng	0.12
23) Nitrobenzene-d5	9.60	82	415592	93.90	ng	0.10
41) 2,4,6-Tribromophenol	16.40	330	9282	4.19	ng	-0.04
44) 2-Fluorobiphenyl	13.65	172	1089838m	108.52	ng	0.08
78) Terphenyl-d14	20.22	244	1949703	145.85	ng	-0.06
Target Compounds						
9) Benzaldehyde	7.40	77	14227m	4.629	ng	
76) Benzidine	19.89	184	352061	47.623	ng	98

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

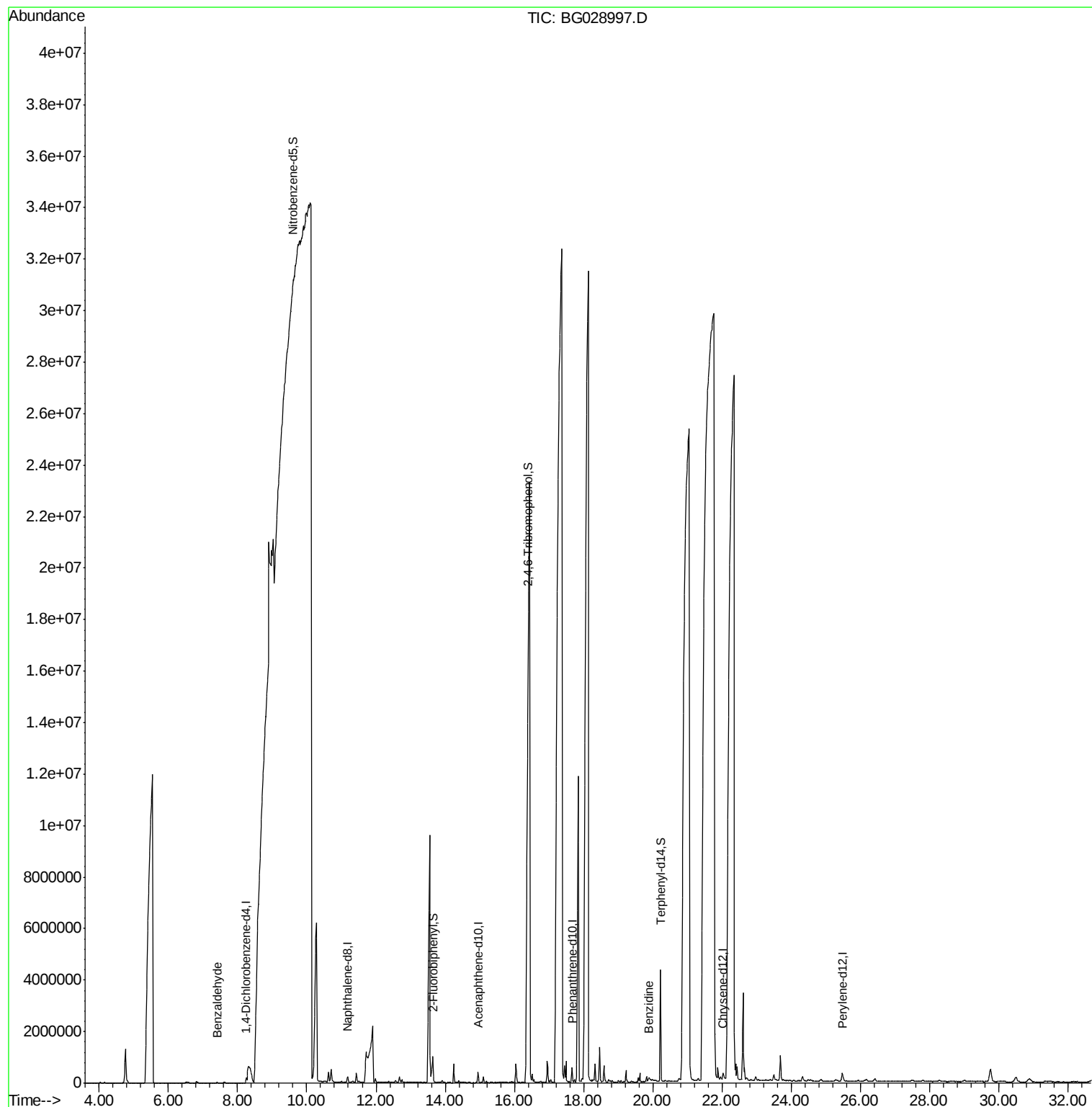
Data Path : Z:\HPCHEM1\BNA G\DATA\BG093017\
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Manual Integrations
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Quant Time: Oct 02 15:30:02 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 16:57:11 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.25 min Scan# 794

Delta R.T. -0.08 min

Lab File: BG028997.D

Acq: 1 Oct 2017 2:41

Instrument :

BNA_G

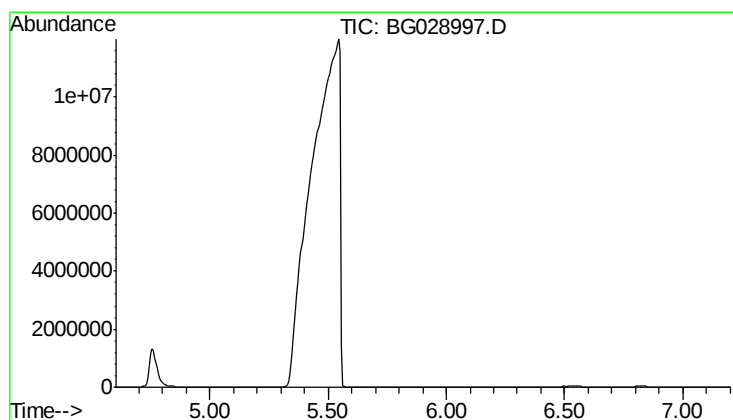
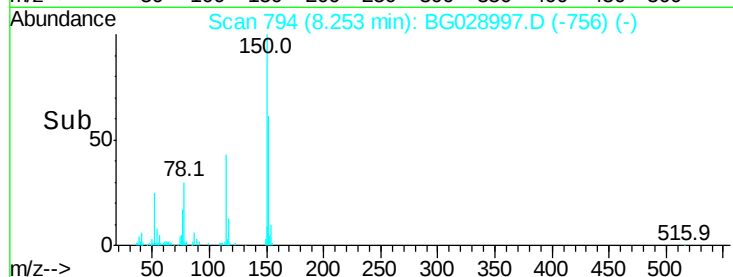
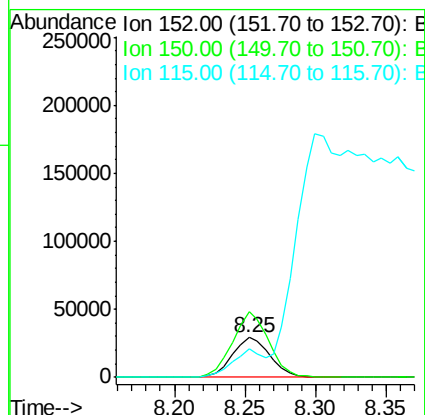
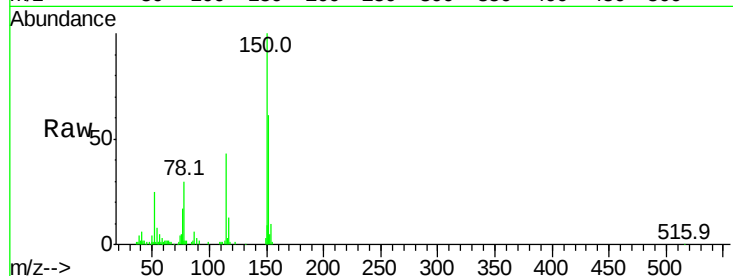
ClientSampleId :

PAINT-CHIPS-DRUMS-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.0	114.0	171.0
115	70.2	48.1	72.1

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#5

2-Fluorophenol

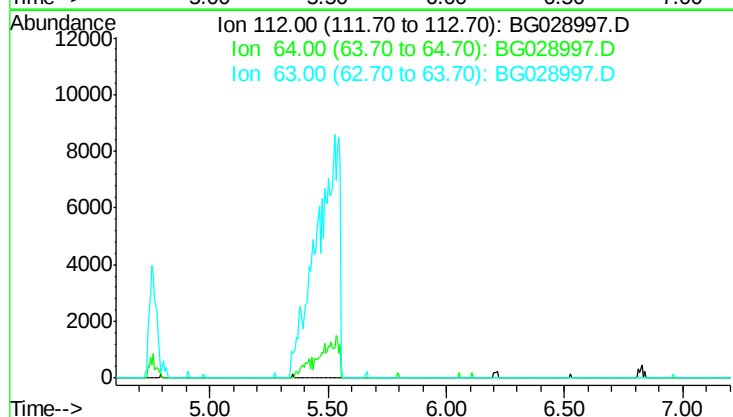
Concen: 0.000 ng

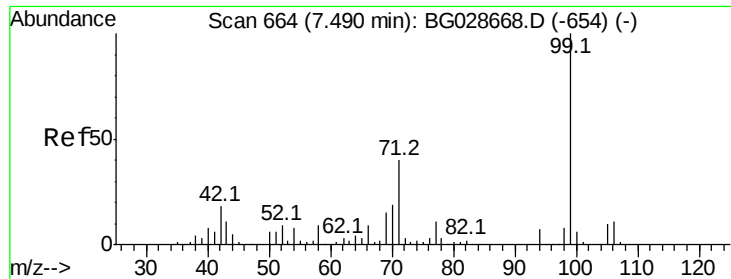
Expected RT: 5.90 min

Lab File: BG028997.D

Acq: 1 Oct 2017 2:41

Tgt Ion	Exp Ratio
112	100
64	77.2
63	46.5





#7

Phenol-d6

Concen: 1.615 ng

RT: 7.61 min Scan# 684

Delta R.T. 0.12 min

Lab File: BG028997.D

Acq: 1 Oct 2017 2:41

Instrument :

BNA_G

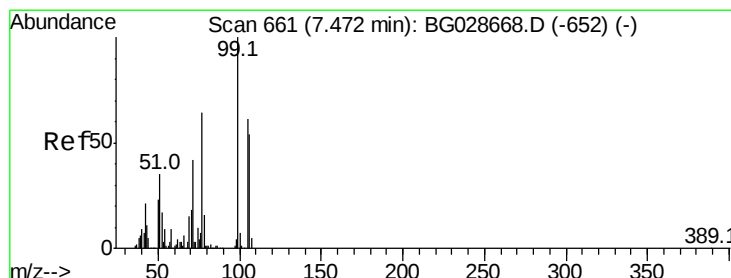
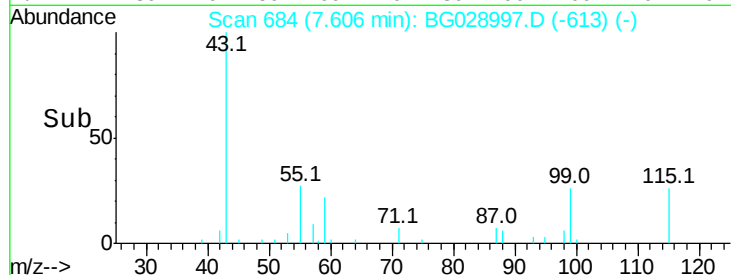
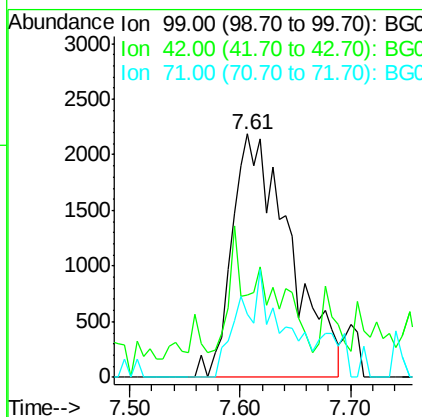
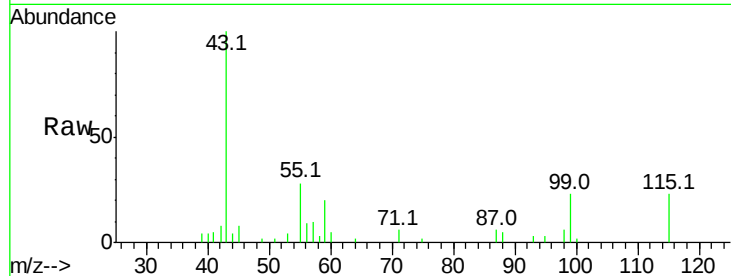
ClientSampleId :

PAINT-CHIPS-DRUMS-COMP

Tot Ion:	99	Resp:	8001
Ion Ratio	Lower	Upper	
99	100		
42	33.6	20.5	30.7#
71	25.7	37.6	56.4#

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#9

Benzaldehyde

Concen: 4.629 ng m

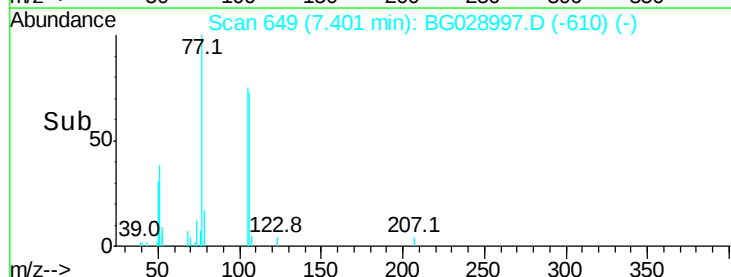
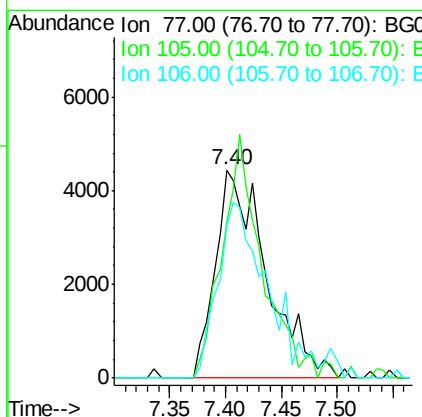
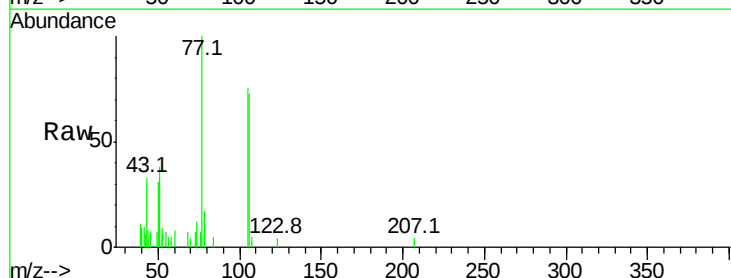
RT: 7.40 min Scan# 649

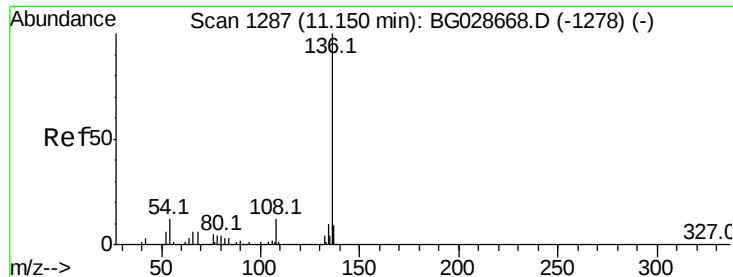
Delta R.T. -0.07 min

Lab File: BG028997.D

Acq: 1 Oct 2017 2:41

Tgt Ion:	77	Resp:	14227
Ion Ratio	Lower	Upper	
77	100		
105	75.0	60.9	100.9
106	73.4	55.1	95.1





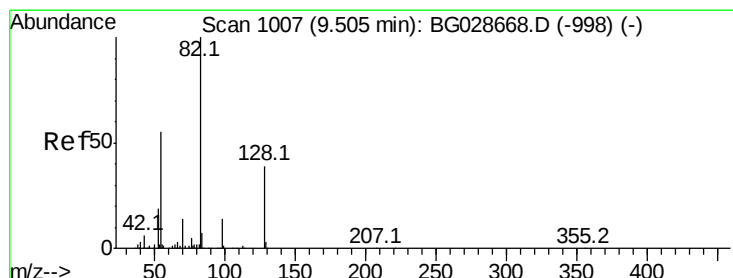
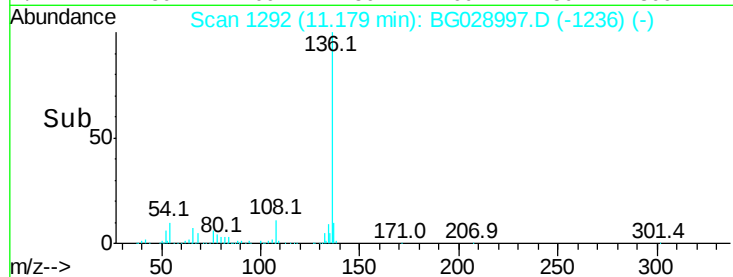
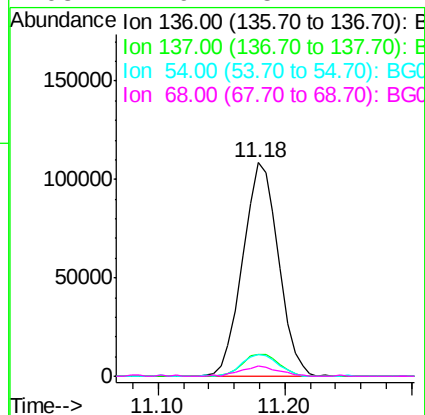
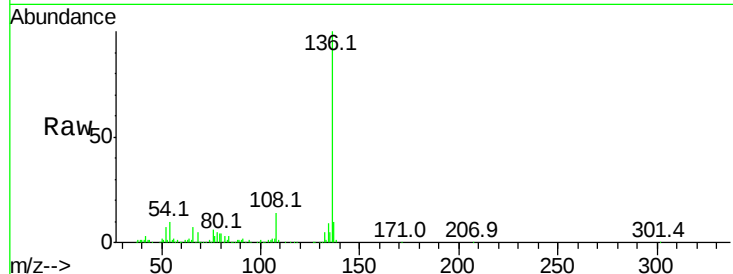
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.18 min Scan# 1292
Delta R.T. 0.03 min
Lab File: BG028997.D
Acq: 1 Oct 2017 2:41

Instrument :
BNA_G
ClientSampleId :
PAINT-CHIPS-DRUMS-COMP

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.2	8.9	13.3	
54	10.4	9.3	13.9	
68	4.9	5.1	7.7#	

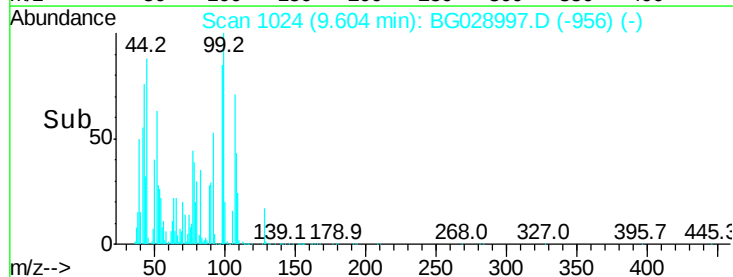
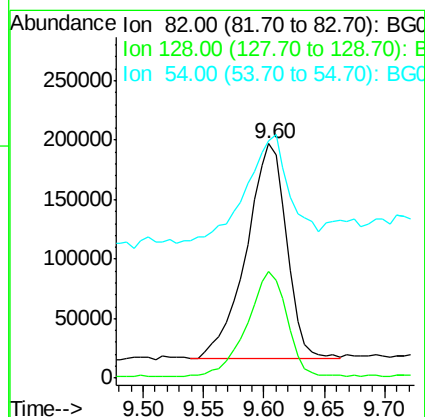
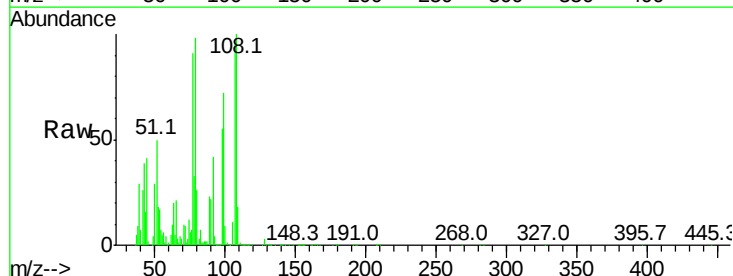
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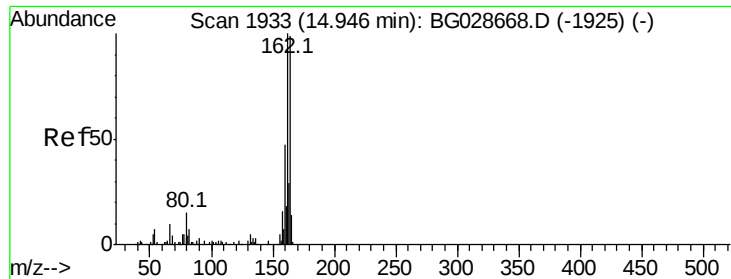
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#23
Nitrobenzene-d5
Concen: 93.899 ng
RT: 9.60 min Scan# 1024
Delta R.T. 0.10 min
Lab File: BG028997.D
Acq: 1 Oct 2017 2:41

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.3	26.4	39.6#	
54	101.3	49.4	74.2#	





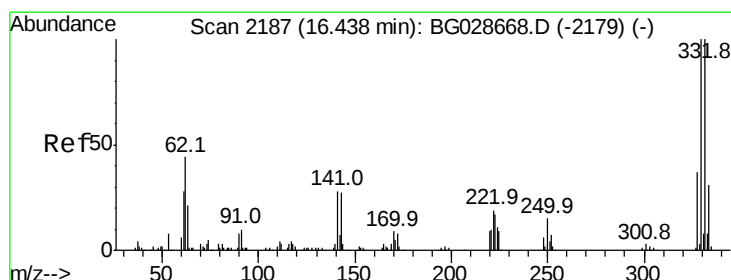
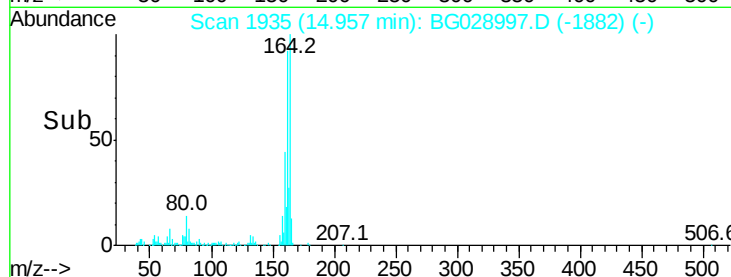
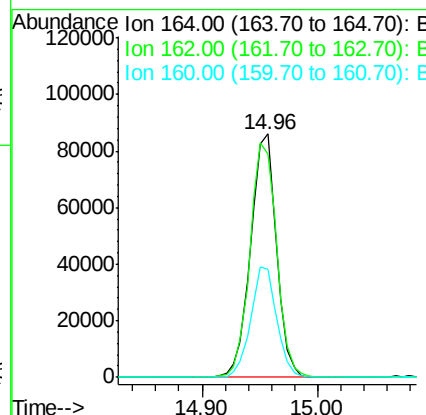
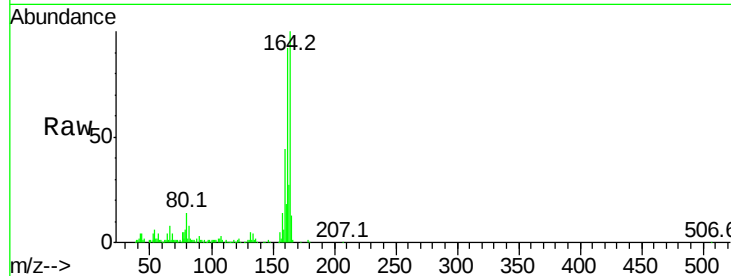
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.96 min Scan# 1935
Delta R.T. 0.01 min
Lab File: BG028997.D
Acq: 1 Oct 2017 2:41

Instrument :
BNA_G
ClientSampleId :
PAINT-CHIPS-DRUMS-COMP

Tot Ion	Ratio	Lower	Upper
164	100		
162	91.5	85.1	127.7
160	44.5	34.7	52.1

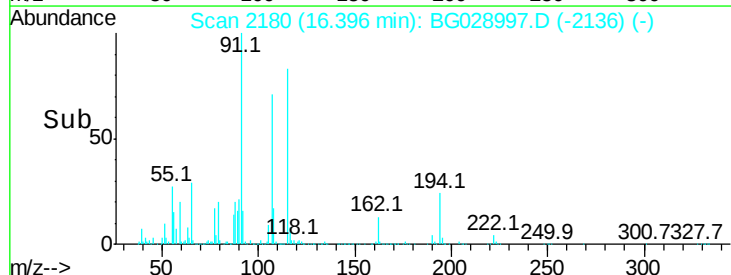
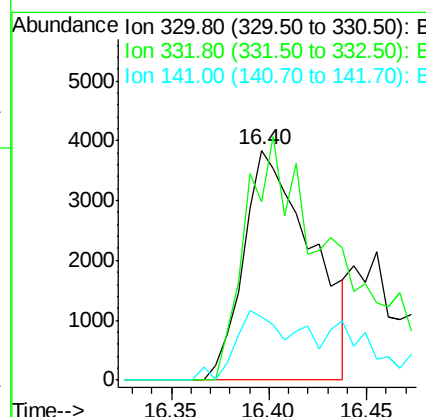
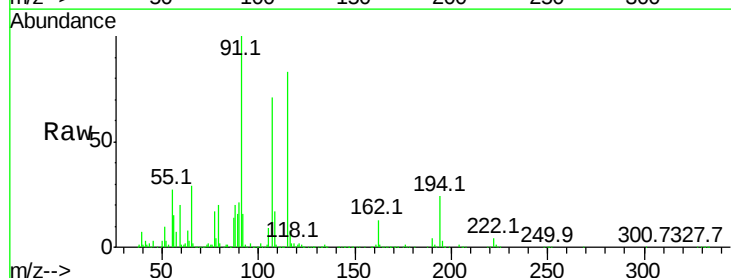
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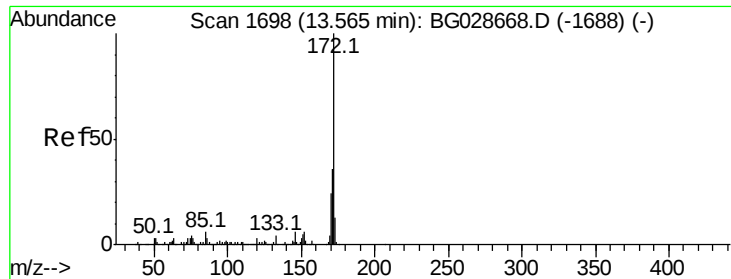
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#41
2,4,6-Tribromophenol
Concen: 4.191 ng
RT: 16.40 min Scan# 2180
Delta R.T. -0.04 min
Lab File: BG028997.D
Acq: 1 Oct 2017 2:41

Tgt Ion	Ratio	Lower	Upper
330	100		
332	140.7	77.3	115.9#
141	19.3	32.1	48.1#





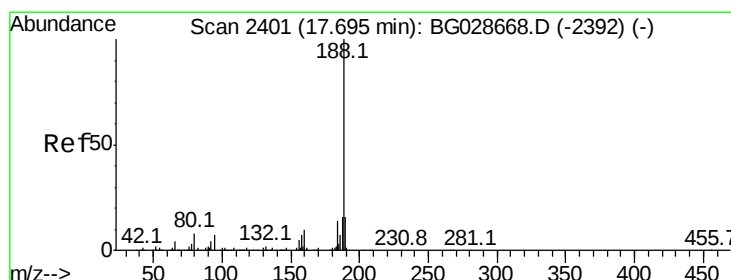
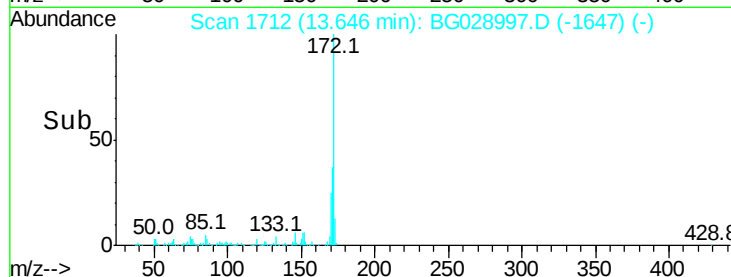
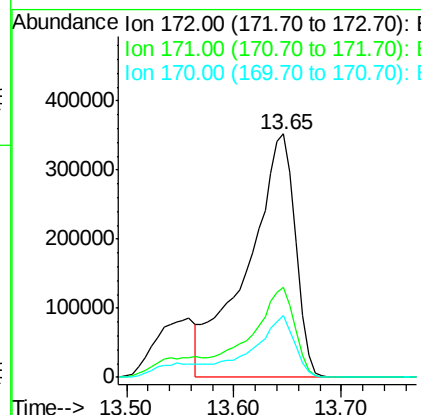
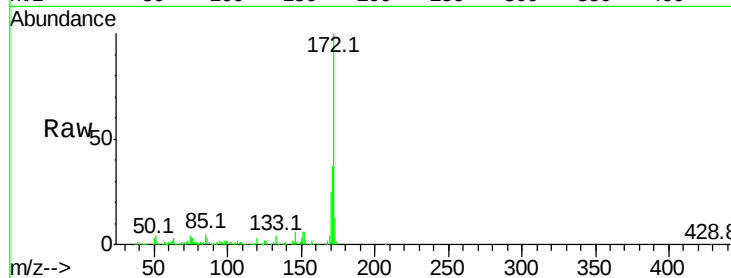
#44
2-Fluorobiphenyl
Concen: 108.522 ng
RT: 13.65 min Scan# 1712
Delta R.T. 0.08 min
Lab File: BG028997.D
Acq: 1 Oct 2017 2:41

Instrument :
BNA_G
ClientSampleId :
PAINT-CHIPS-DRUMS-COMP

Tot Ion:172 Resp: 1089838
Ion Ratio Lower Upper
172 100
171 36.8 32.2 48.2
170 25.2 21.8 32.6

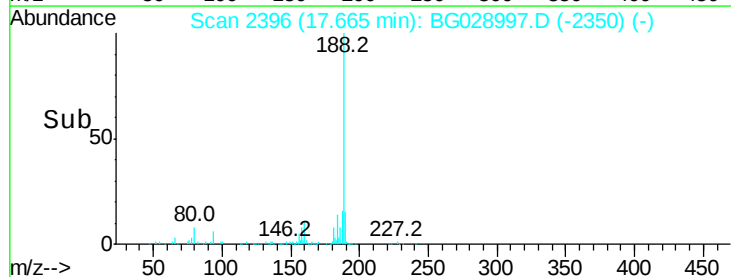
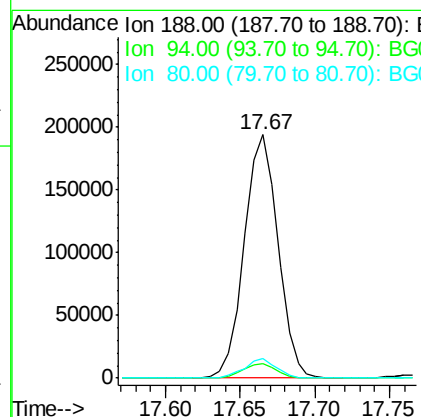
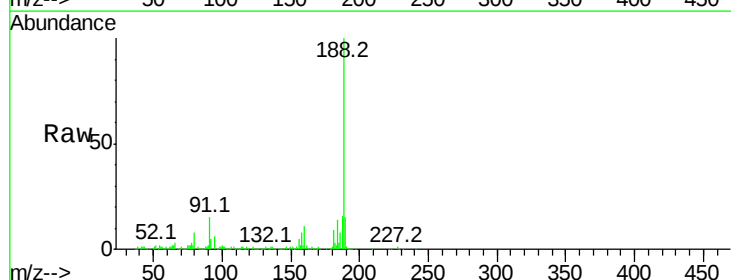
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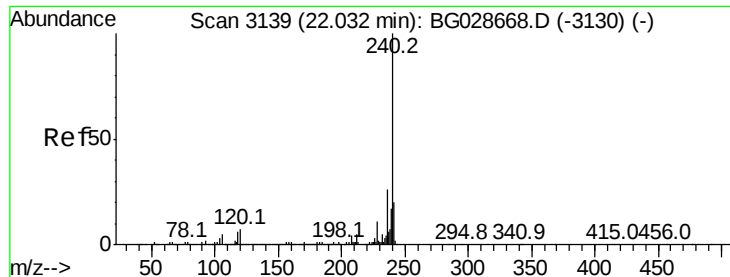
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.67 min Scan# 2396
Delta R.T. -0.03 min
Lab File: BG028997.D
Acq: 1 Oct 2017 2:41

Tgt Ion:188 Resp: 302930
Ion Ratio Lower Upper
188 100
94 5.9 5.8 8.8
80 8.0 7.5 11.3





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.03 min Scan# 3139

Delta R.T. -0.00 min

Lab File: BG028997.D

Acq: 1 Oct 2017 2:41

Instrument :

BNA_G

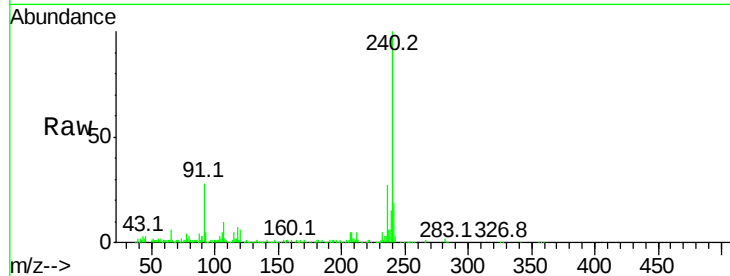
ClientSampleId :

PAINT-CHIPS-DRUMS-COMP

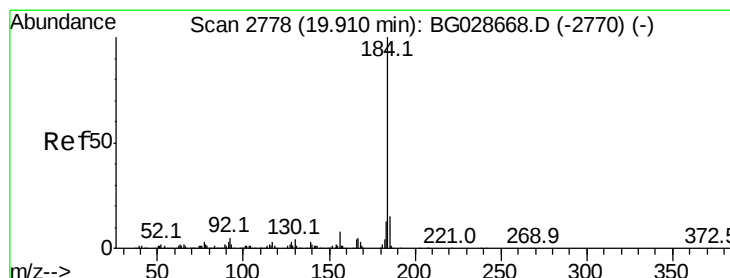
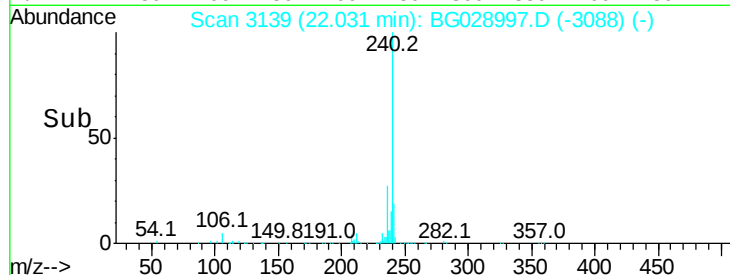
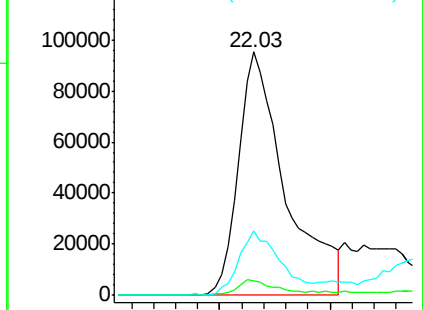
Tot Ion:	240	Resp:	285073
Ion Ratio	Lower	Upper	
240	100		
120	5.8	5.7	8.5
236	26.6	22.2	33.4

Manual Integrations
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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 47.623 ng

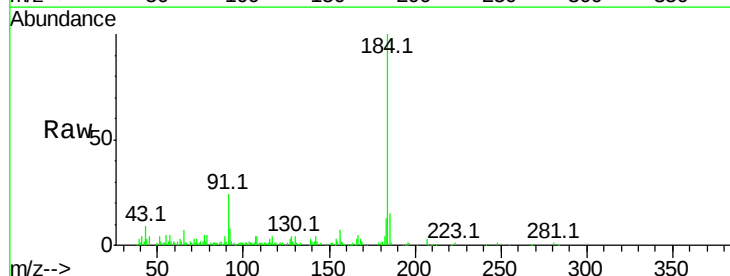
RT: 19.89 min Scan# 2775

Delta R.T. -0.02 min

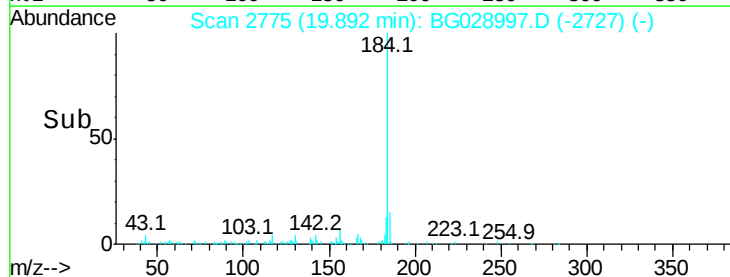
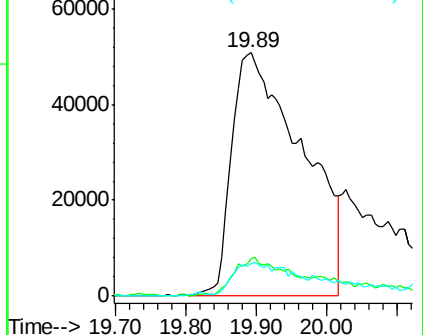
Lab File: BG028997.D

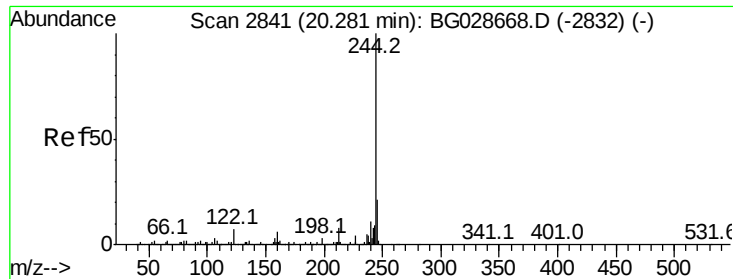
Acq: 1 Oct 2017 2:41

Tgt Ion:	184	Resp:	352061
Ion Ratio	Lower	Upper	
184	100		
185	15.5	13.0	19.6
183	13.2	11.0	16.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 145.853 ng

RT: 20.22 min Scan# 2831

Delta R.T. -0.06 min

Lab File: BG028997.D

Acq: 1 Oct 2017 2:41

Instrument :

BNA_G

ClientSampleId :

PAINT-CHIPS-DRUMS-COMP

Tot Ion:244 Resp: 1949703

Ion Ratio Lower Upper

244 100

212 8.0 10.0 15.0#

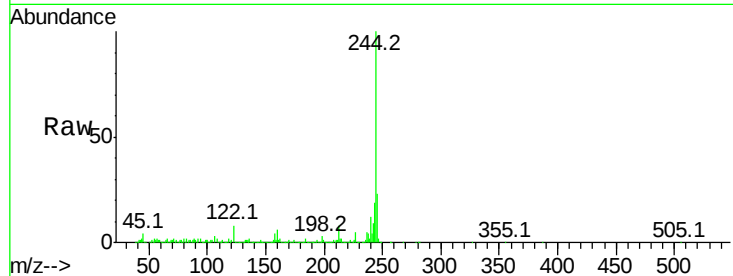
122 8.2 8.6 12.8#

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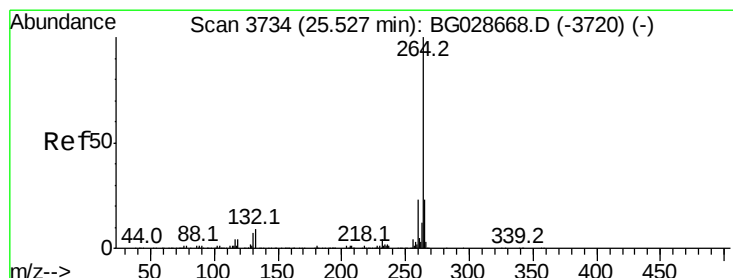
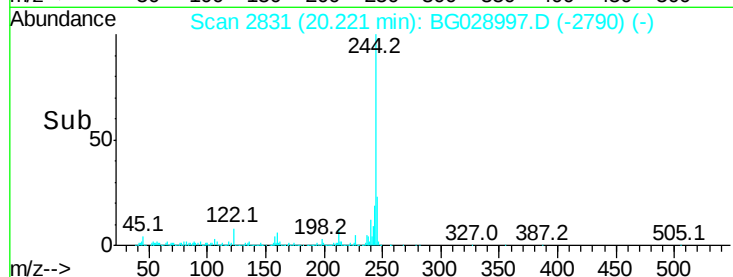
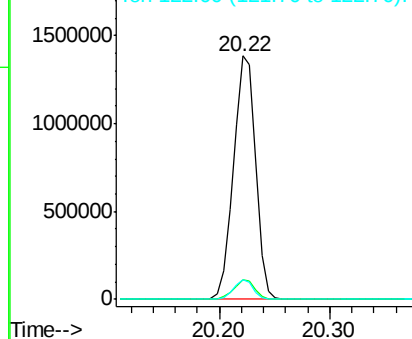
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Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.49 min Scan# 3727

Delta R.T. -0.04 min

Lab File: BG028997.D

Acq: 1 Oct 2017 2:41

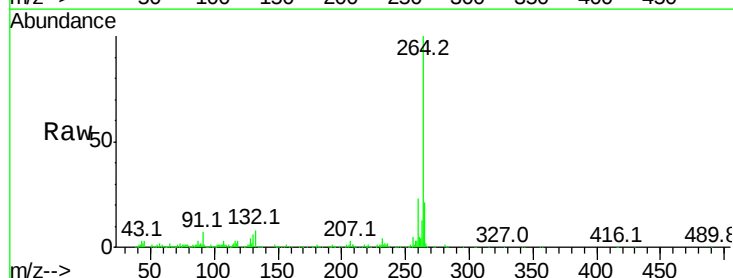
Tgt Ion:264 Resp: 378039

Ion Ratio Lower Upper

264 100

260 23.2 21.8 32.8

265 21.2 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

