

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072916\
 Data File : BG023335.D
 Acq On : 29 Jul 2016 11:04
 Operator : UM/SJ
 Sample : H4213-20
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 L-9

Manual Integrations

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Quant Time: Jul 29 13:34:51 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG072616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 17:30:33 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	165225	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	716727	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	513788	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	1230326	20.00	ng	0.00
75) Chrysene-d12	21.89	240	1256942	20.00	ng	0.00
86) Perylene-d12	25.30	264	1249956	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	1181873	122.11	ng	0.00
7) Phenol-d6	7.29	99	1675026	112.73	ng	0.00
23) Nitrobenzene-d5	9.31	82	1271858	86.78	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	889834	167.33	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2601580	94.77	ng	0.00
78) Terphenyl-d14	20.18	244	3288951	85.06	ng	0.00
Target Compounds						
31) Naphthalene	11.03	128	105770	3.18	ng	Qvalue # 96
32) Benzoic acid	10.25	122	8808m	8.94	ng	
35) Caprolactam	11.90	113	23315	5.23	ng	92

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

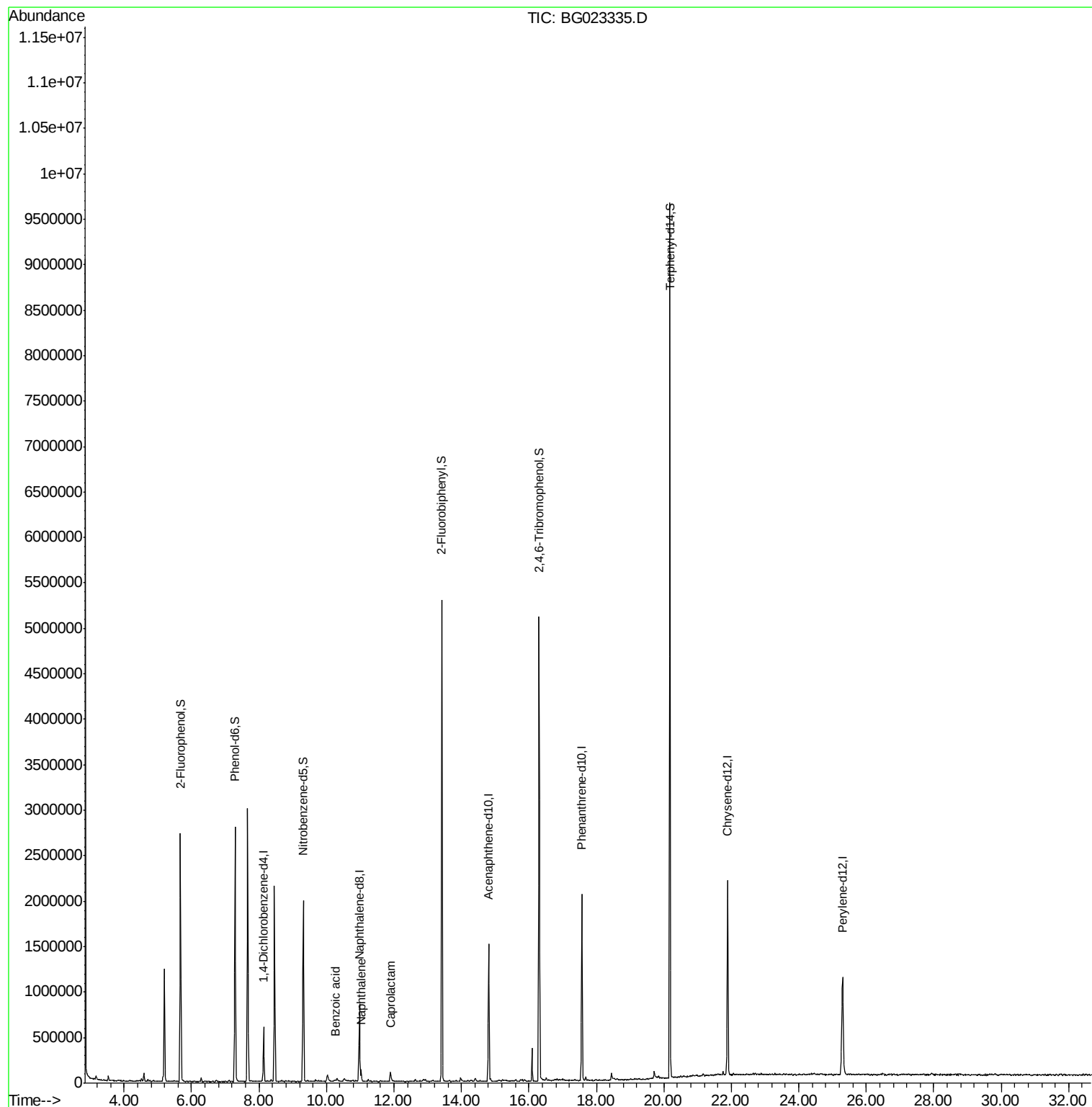
Data Path : Z:\HPCHEM1\BNA G\DATA\BG072916\
Data File : BG023335.D
Acq On : 29 Jul 2016 11:04
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Misc :
ALS Vial : 29 Sample Multiplier: 1

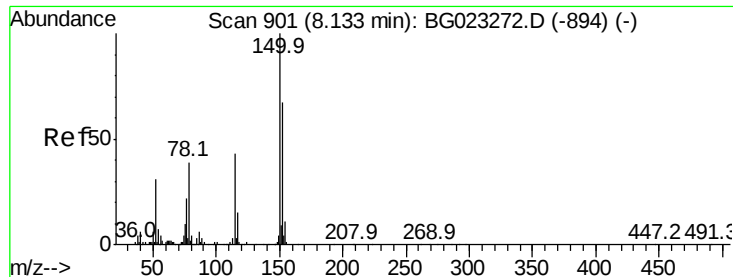
Instrument :
BNA_G
ClientSampleId :
L-9

Manual Integrations

Quant Time: Jul 29 13:34:51 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG072616.M
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Response via : Initial Calibration

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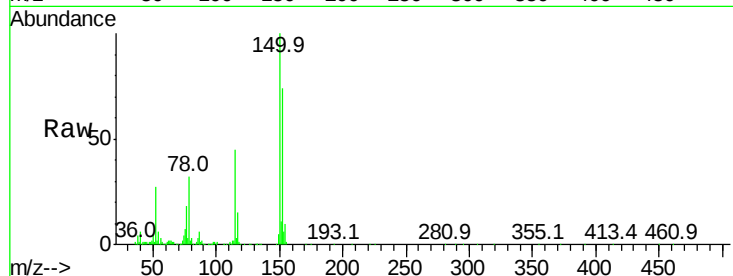
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.14 min Scan# 902
 Delta R.T. -0.00 min
 Lab File: BG023335.D
 Acq: 29 Jul 2016 11:04

Instrument :
 BNA_G
 ClientSampleId :
 L-9

Tot Ion	Ratio	Lower	Upper
152	100		
150	135.0	144.7	217.1#
115	61.3	64.0	96.0#

Manual Integrations

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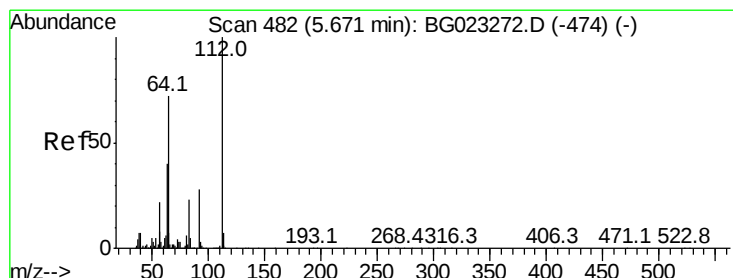
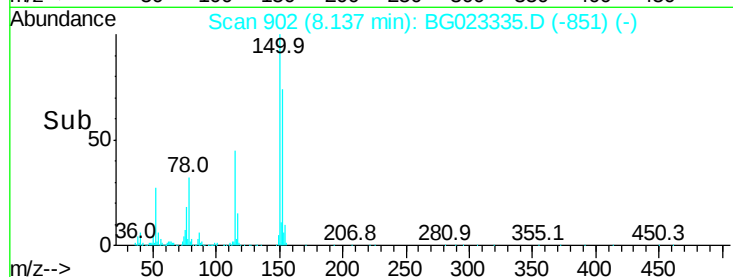
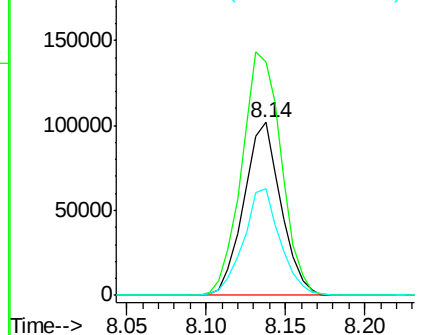


Abundance

Ion 152.00 (151.70 to 152.70): E

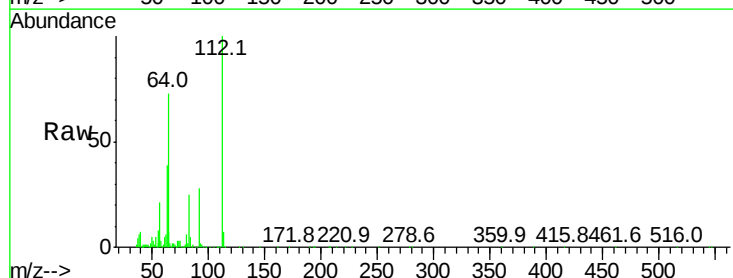
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 122.11 ng
 RT: 5.67 min Scan# 482
 Delta R.T. -0.00 min
 Lab File: BG023335.D
 Acq: 29 Jul 2016 11:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.6	59.0	88.4
63	38.7	37.8	56.8

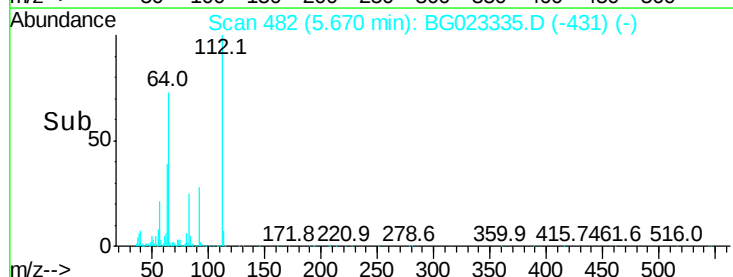
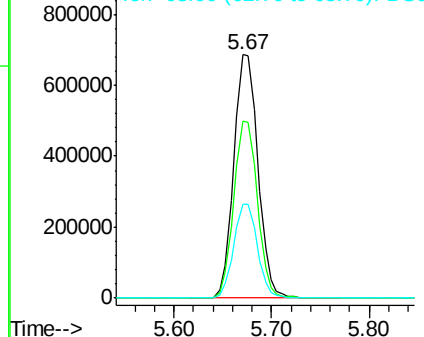


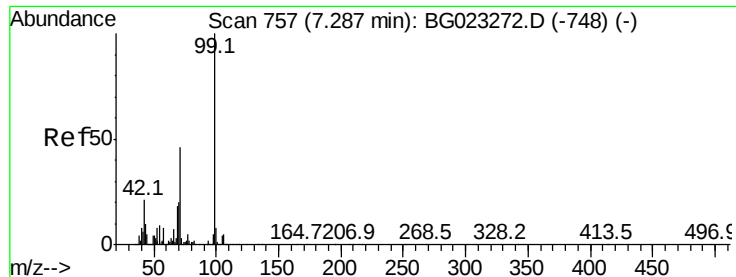
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 112.73 ng

RT: 7.29 min Scan# 758

Delta R.T. 0.00 min

Lab File: BG023335.D

Acq: 29 Jul 2016 11:04

Instrument :

BNA_G

ClientSampleId :

L-9

Tot Ion: 99 Resp: 1675026

Ion Ratio Lower Upper

99 100

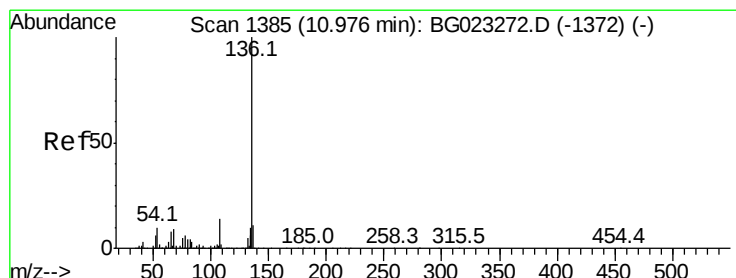
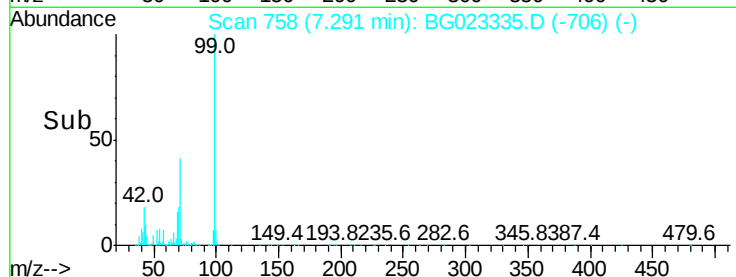
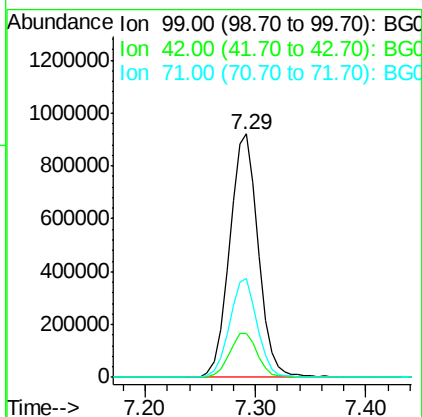
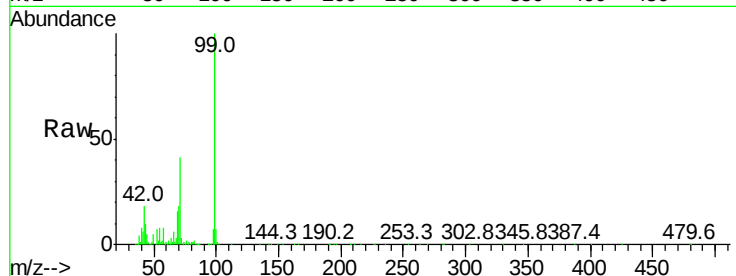
42 18.3 17.8 26.6

71 40.9 41.5 62.3#

Manual Integrations

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.97 min Scan# 1385

Delta R.T. -0.00 min

Lab File: BG023335.D

Acq: 29 Jul 2016 11:04

Tgt Ion: 136 Resp: 716727

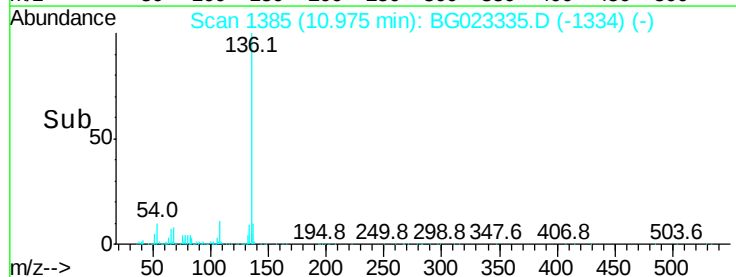
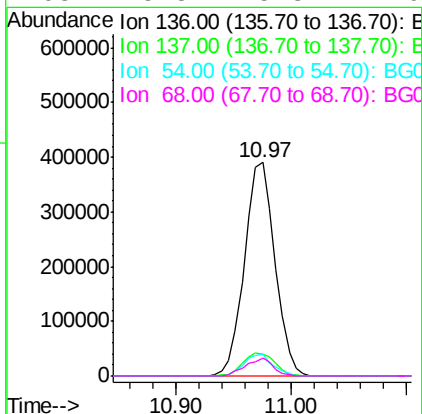
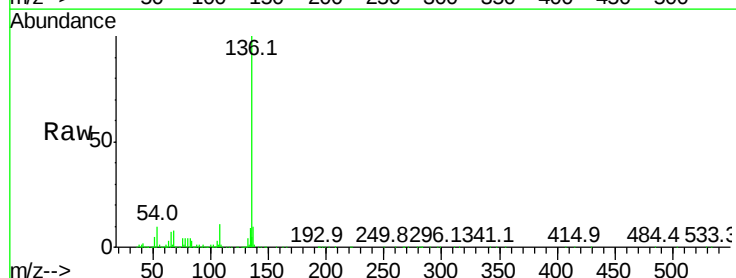
Ion Ratio Lower Upper

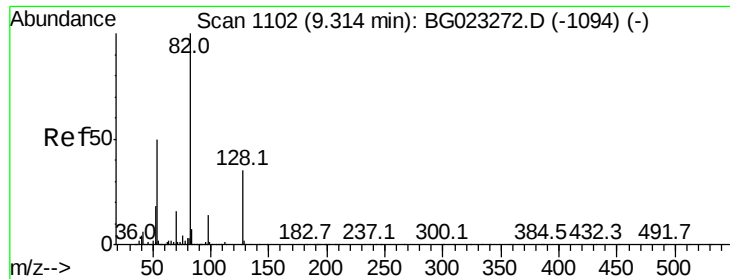
136 100

137 10.3 9.6 14.4

54 10.3 7.3 10.9

68 8.3 5.3 7.9#





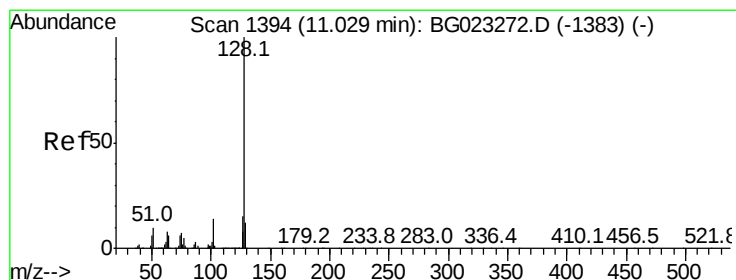
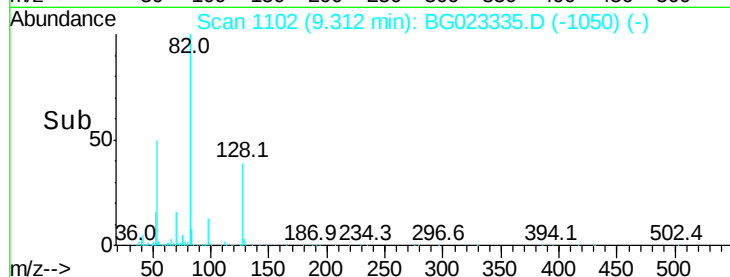
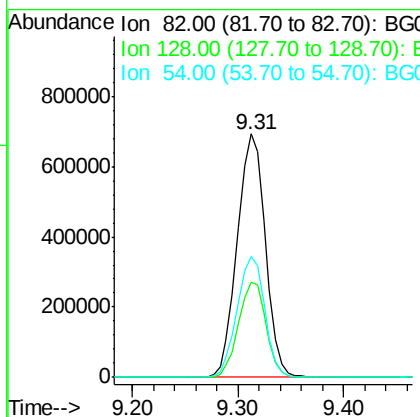
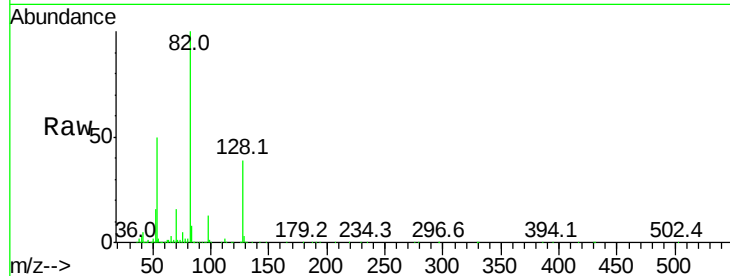
#23
 Nitrobenzene-d5
 Concen: 86.78 ng
 RT: 9.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: BG023335.D
 Acq: 29 Jul 2016 11:04

Instrument :
 BNA_G
 ClientSampleId :
 L-9

Tot Ion: 82 Resp: 1271858
 Ion Ratio Lower Upper
 82 100
 128 39.0 24.4 36.6#
 54 49.5 41.4 62.0

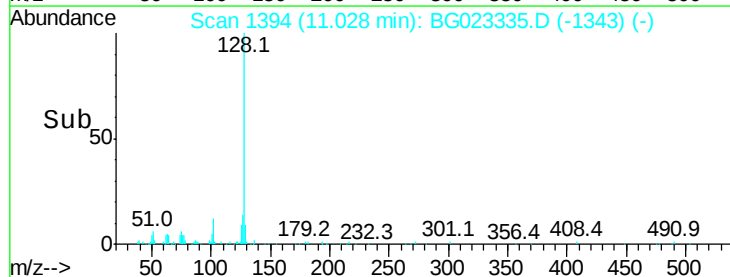
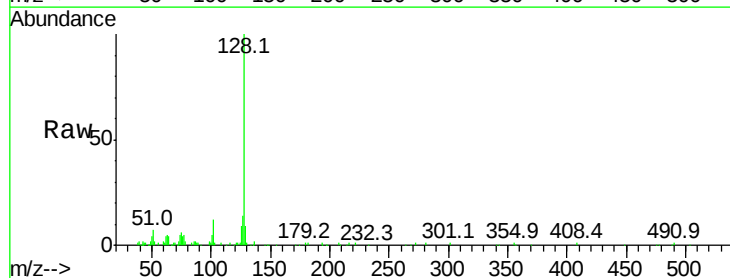
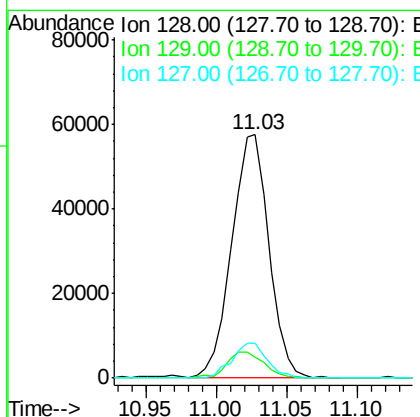
Manual Integrations

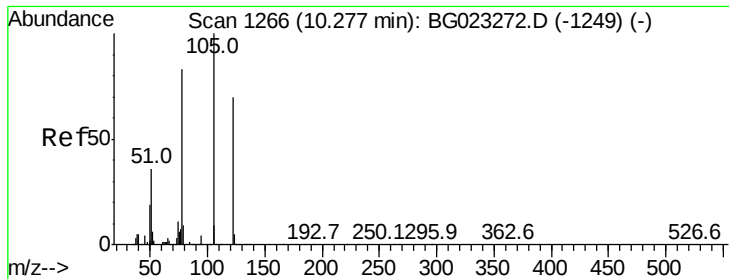
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#31
 Naphthalene
 Concen: 3.18 ng
 RT: 11.03 min Scan# 1394
 Delta R.T. -0.00 min
 Lab File: BG023335.D
 Acq: 29 Jul 2016 11:04

Tgt Ion: 128 Resp: 105770
 Ion Ratio Lower Upper
 128 100
 129 8.8 9.4 14.0#
 127 14.3 11.3 16.9





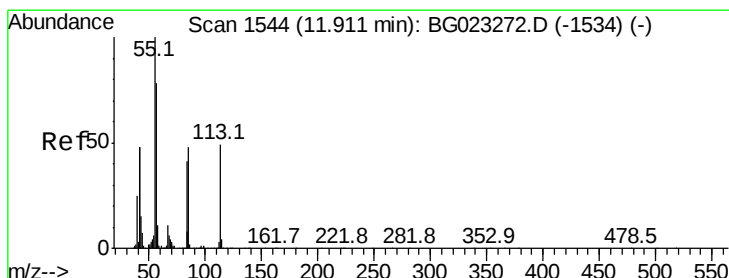
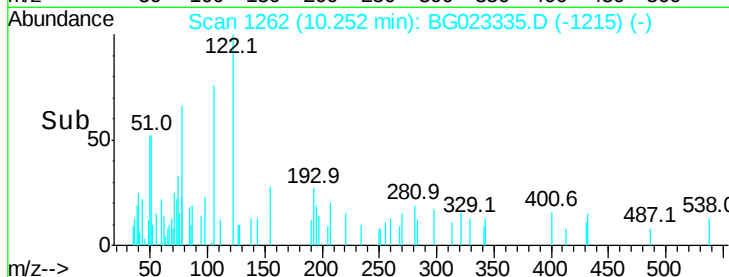
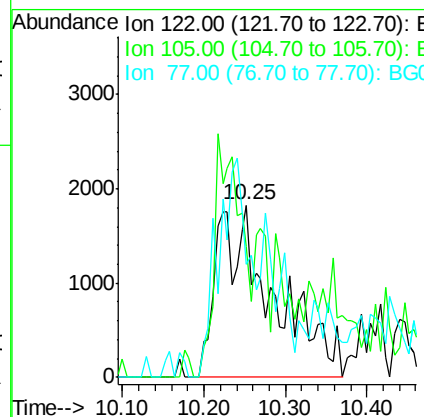
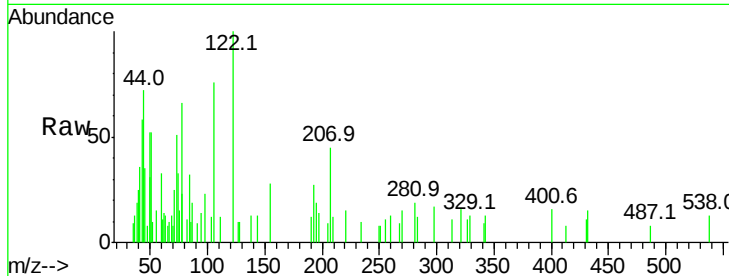
#32
Benzoic acid
Concen: 8.94 ng/ml
RT: 10.25 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BG023335.D
Acq: 29 Jul 2016 11:04

Instrument :
BNA_G
ClientSampleId :
L-9

Tot Ion	Ratio	Lower	Upper
122	100		
105	75.8	117.2	157.2#
77	65.5	109.2	149.2#

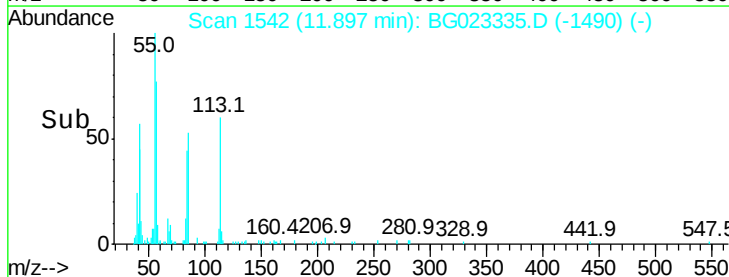
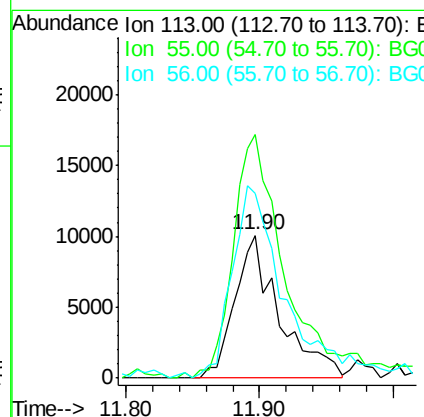
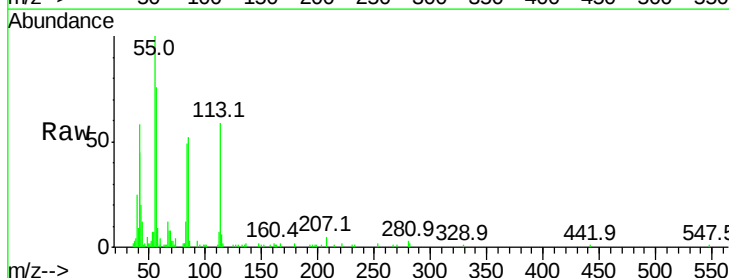
Manual Integrations

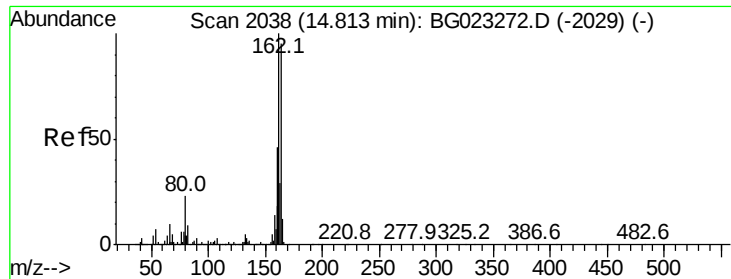
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#35
Caprolactam
Concen: 5.23 ng
RT: 11.90 min Scan# 1542
Delta R.T. 0.01 min
Lab File: BG023335.D
Acq: 29 Jul 2016 11:04

Tgt Ion	Ratio	Lower	Upper
113	100		
55	170.2	154.5	194.5
56	129.0	125.1	165.1





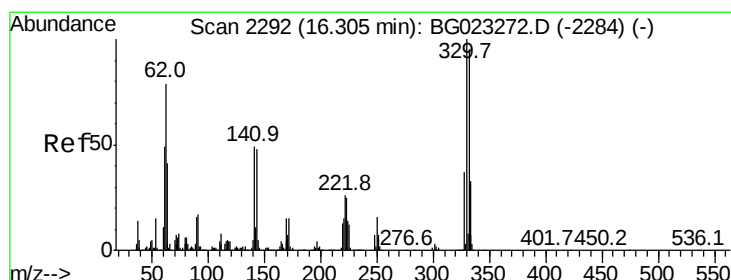
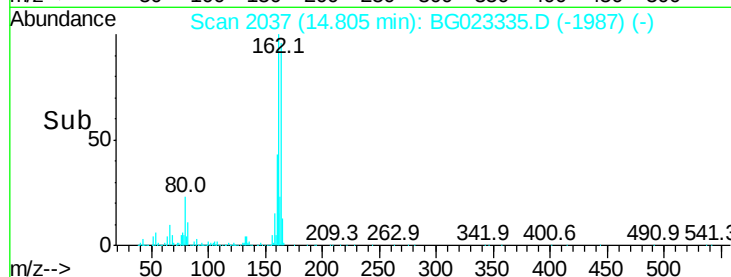
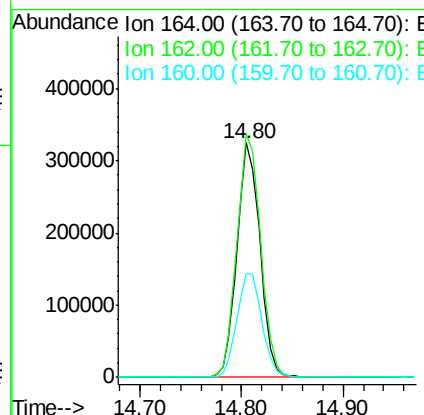
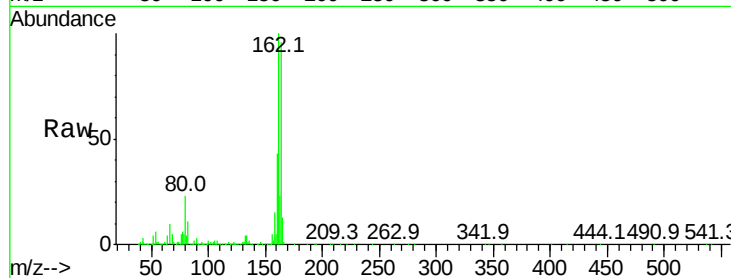
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BG023335.D
Acq: 29 Jul 2016 11:04

Instrument :
BNA_G
ClientSampleId :
L-9

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.9	87.7	131.5
160	44.4	37.2	55.8

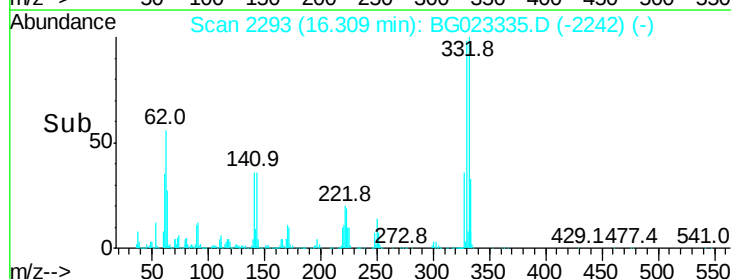
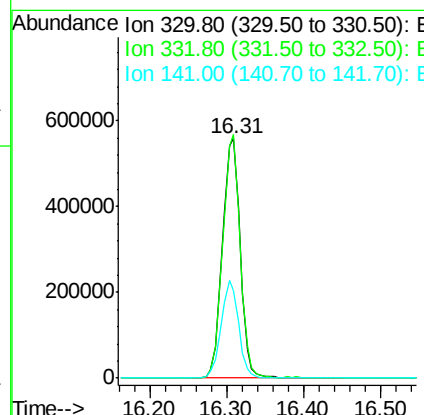
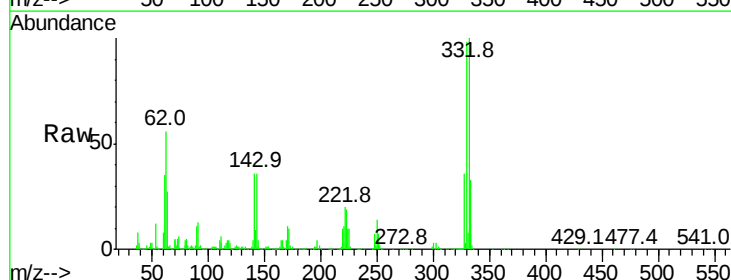
Manual Integrations

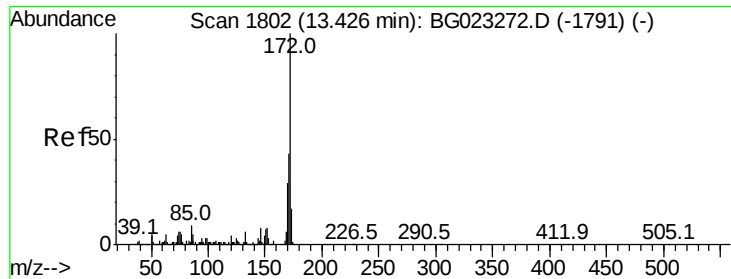
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#41
2,4,6-Tribromophenol
Concen: 167.33 ng
RT: 16.31 min Scan# 2293
Delta R.T. 0.00 min
Lab File: BG023335.D
Acq: 29 Jul 2016 11:04

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.9	77.4	116.2
141	39.6	31.7	47.5





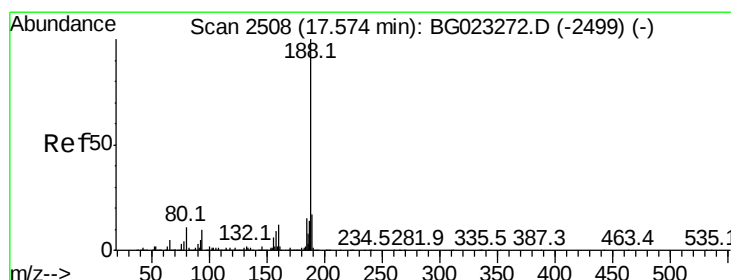
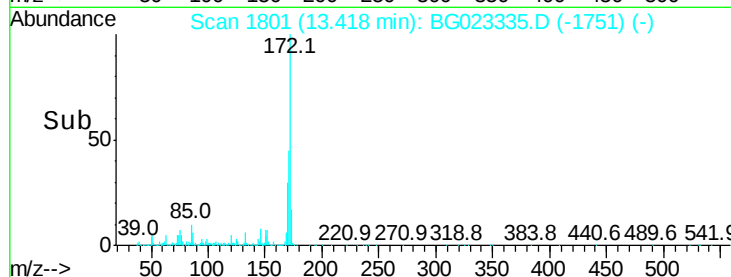
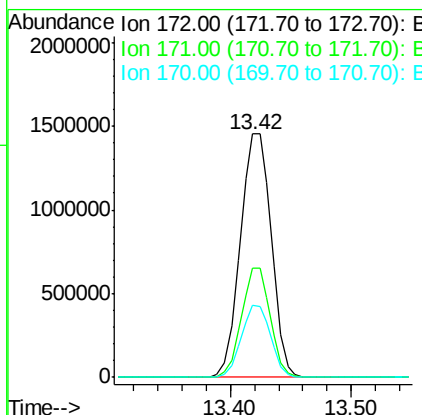
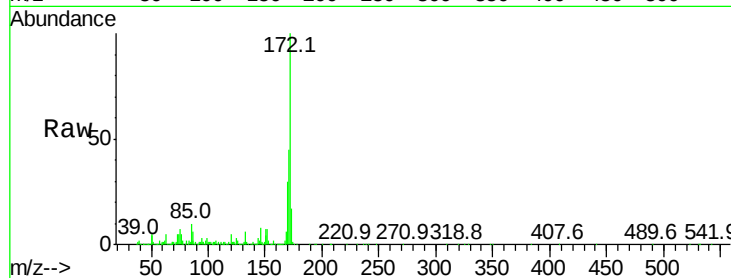
#44
 2-Fluorobiphenyl
 Concen: 94.77 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: BG023335.D
 Acq: 29 Jul 2016 11:04

Instrument :
 BNA_G
 ClientSampleId :
 L-9

Tot Ion	Ratio	Lower	Upper
172	100		
171	45.0	31.6	47.4
170	29.7	21.3	31.9

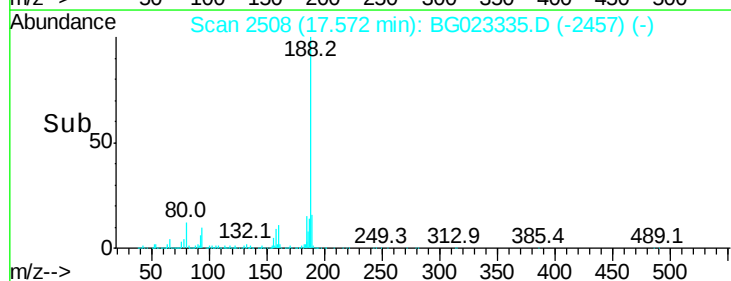
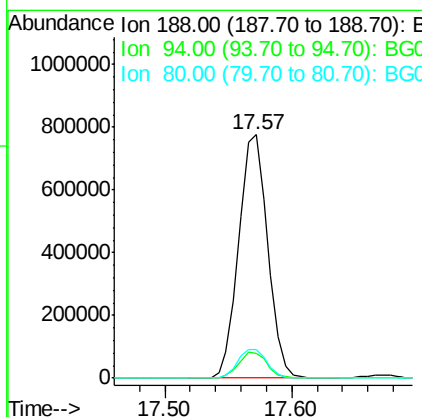
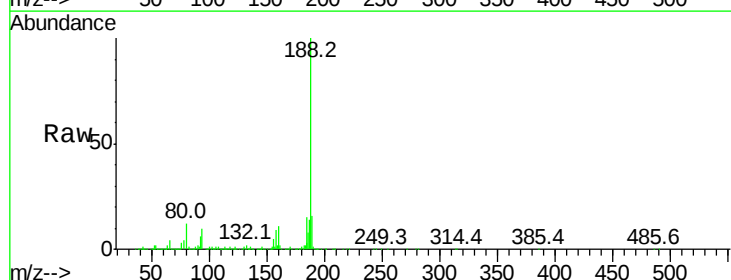
Manual Integrations

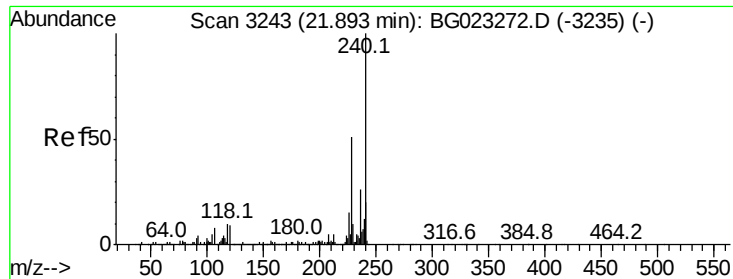
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#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.57 min Scan# 2508
 Delta R.T. 0.00 min
 Lab File: BG023335.D
 Acq: 29 Jul 2016 11:04

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.3	5.2	7.8#
80	12.0	7.2	10.8#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.89 min Scan# 3243

Delta R.T. 0.00 min

Lab File: BG023335.D

Acq: 29 Jul 2016 11:04

Instrument :

BNA_G

ClientSampled :

L-9

Tot Ion:240 Resp: 1256942

Ion Ratio Lower Upper

240 100

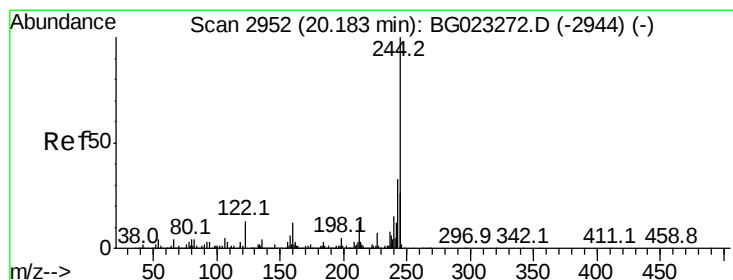
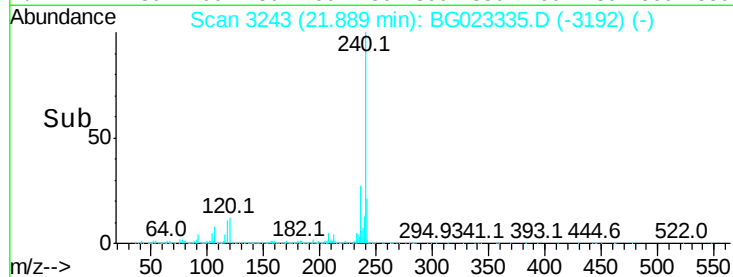
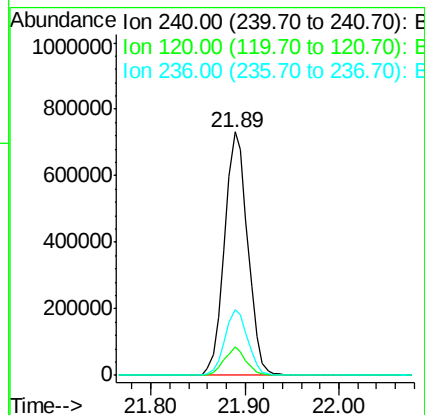
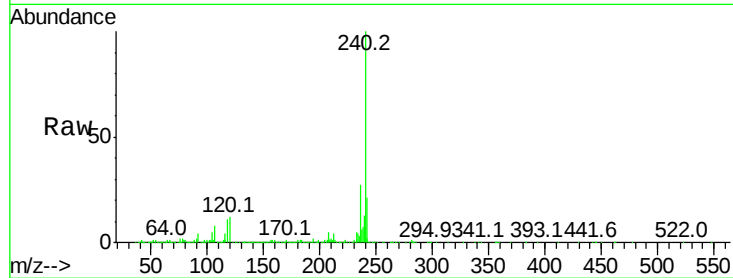
120 11.8 4.1 6.1#

236 27.2 21.1 31.7

Manual Integrations

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#78

Terphenyl-d14

Concen: 85.06 ng

RT: 20.18 min Scan# 2952

Delta R.T. 0.00 min

Lab File: BG023335.D

Acq: 29 Jul 2016 11:04

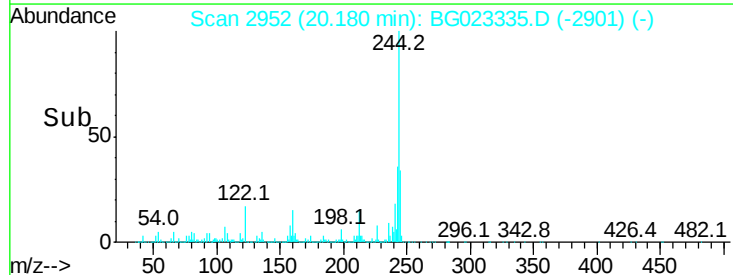
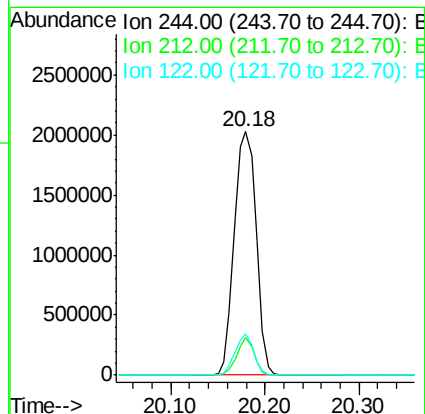
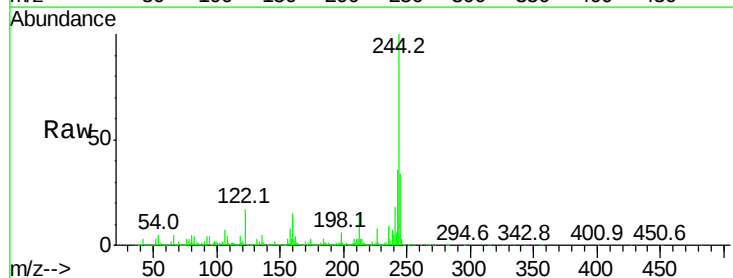
Tgt Ion:244 Resp: 3288951

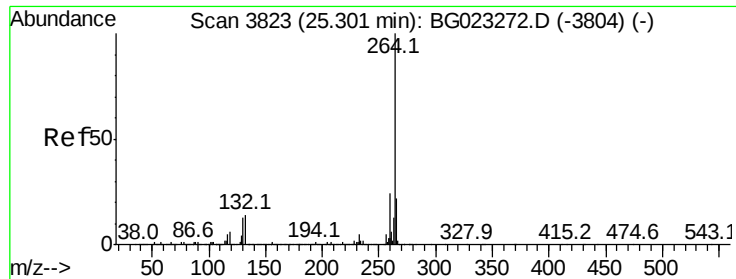
Ion Ratio Lower Upper

244 100

212 15.5 10.8 16.2

122 17.2 8.0 12.0#





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.30 min Scan# 3824
 Delta R.T. 0.00 min
 Lab File: BG023335.D
 Acq: 29 Jul 2016 11:04

Instrument :
 BNA_G
 ClientSampleId :
 L-9

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.4	27.6
265	22.1	18.9	28.3

Manual Integrations

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