

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072916\
 Data File : BG023330.D
 Acq On : 29 Jul 2016 7:44
 Operator : UM/SJ
 Sample : H4213-15
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 L-4

Manual Integrations

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Quant Time: Jul 29 13:23:24 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	8.13	152	168321	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	735280	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	520458	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	1243405	20.00	ng	0.00
75) Chrysene-d12	21.89	240	1269449	20.00	ng	0.00
86) Perylene-d12	25.30	264	1289436	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	1193899	121.09	ng	0.00
7) Phenol-d6	7.29	99	1691573	111.75	ng	0.00
23) Nitrobenzene-d5	9.31	82	1260426	83.83	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	888187	164.88	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2552733	91.80	ng	0.00
78) Terphenyl-d14	20.18	244	3267809	83.68	ng	0.00
Target Compounds						
31) Naphthalene	11.02	128	94316	2.76	ng	Qvalue 97
32) Benzoic acid	10.22	122	12180m	9.23	ng	
35) Caprolactam	11.91	113	20192m	4.41	ng	
83) Bis(2-ethylhexyl)phthalate	21.75	149	271834	6.13	ng	# 94

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

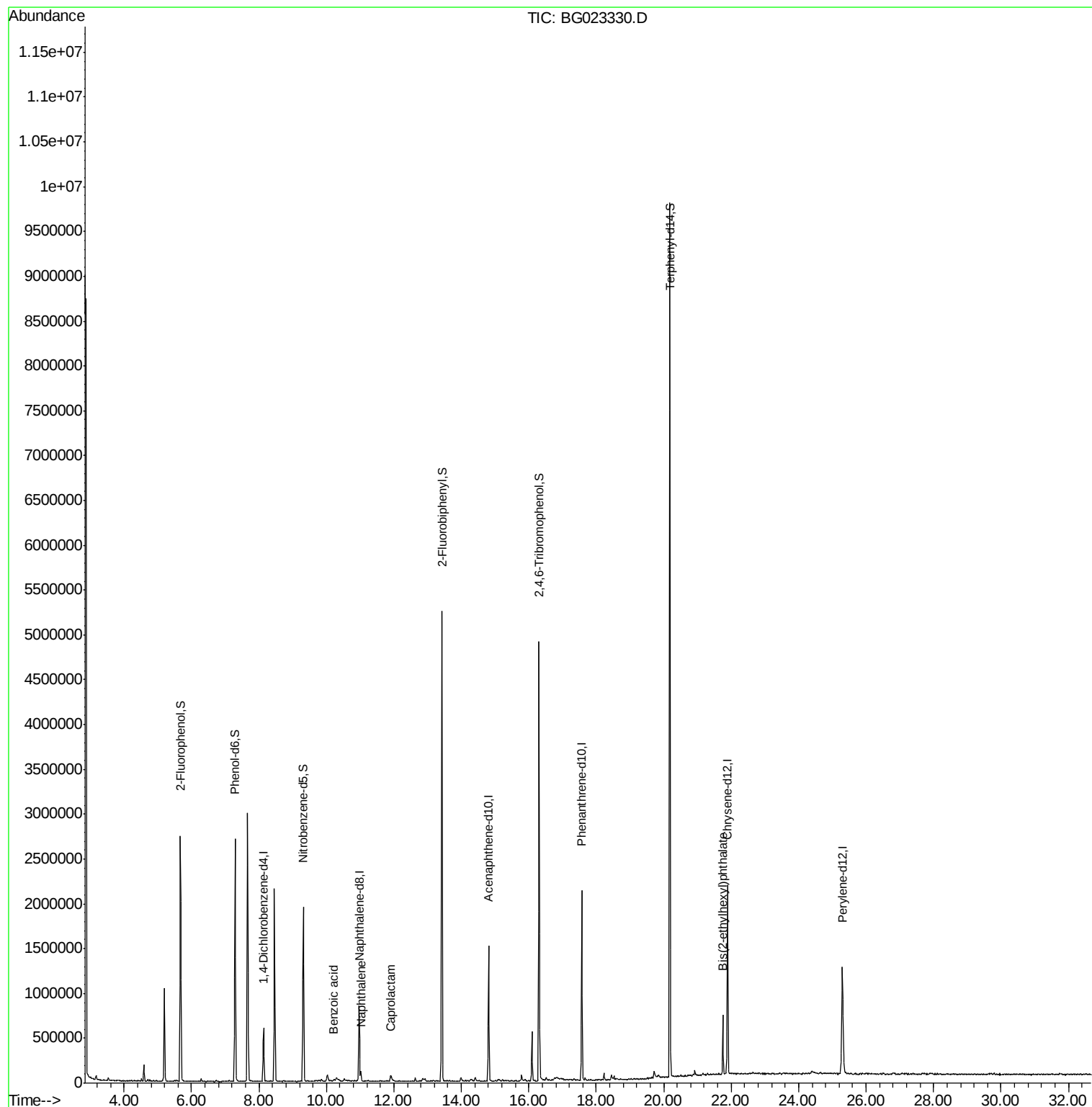
Data Path : Z:\HPCHEM1\BNA G\DATA\BG072916\
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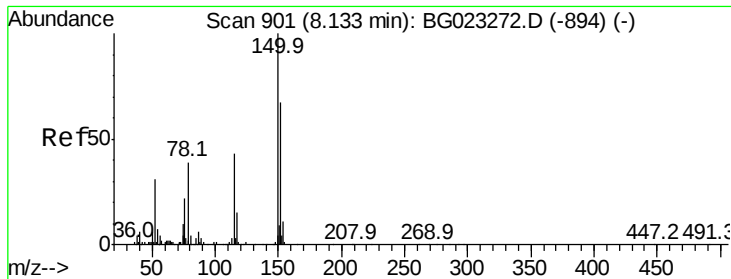
Instrument :
BNA_G
ClientSampleId :
L-4

Manual Integrations

Quant Time: Jul 29 13:23:24 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG072616.M
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Response via : Initial Calibration

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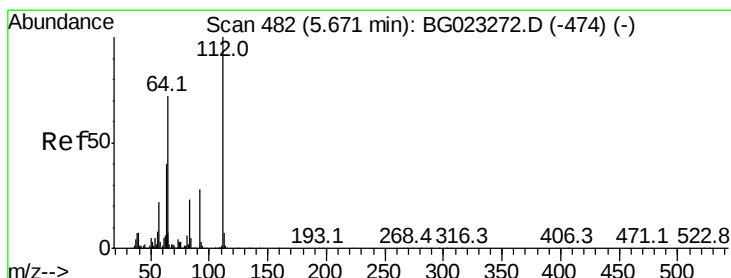
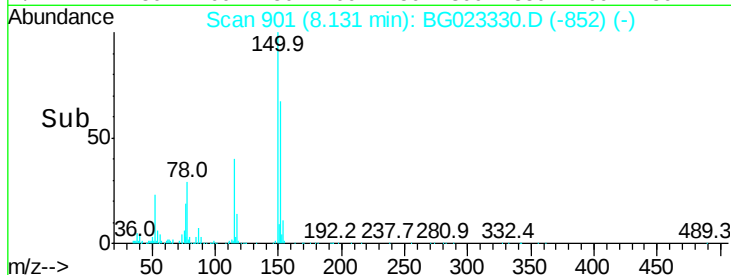
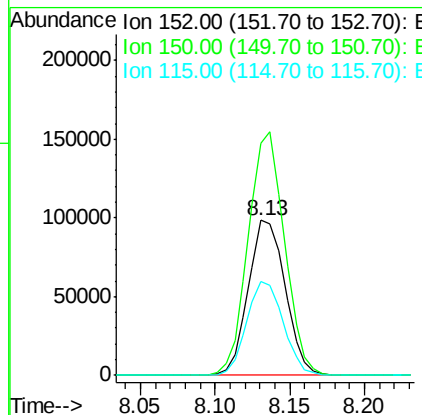
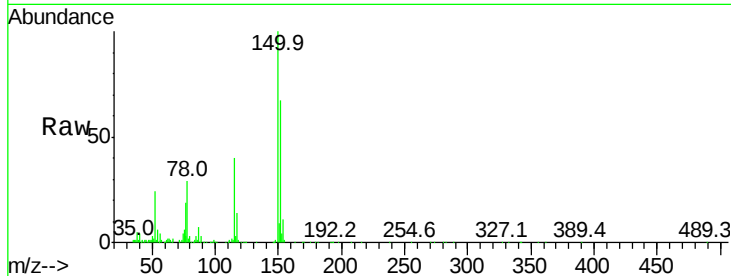
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.13 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: BG023330.D
 Acq: 29 Jul 2016 7:44

Instrument :
 BNA_G
 ClientSampleId :
 L-4

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.1	144.7	217.1
115	60.4	64.0	96.0#

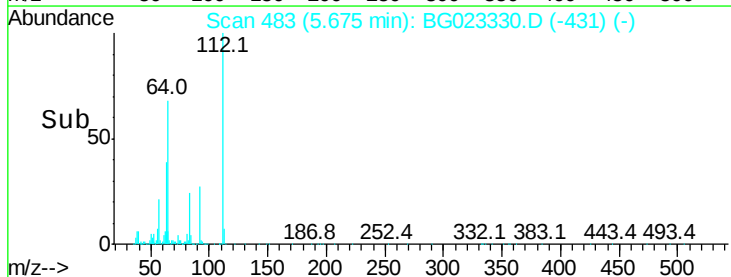
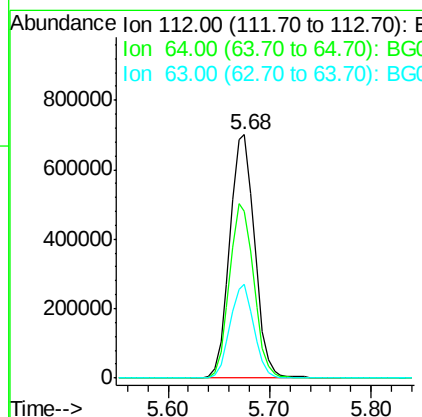
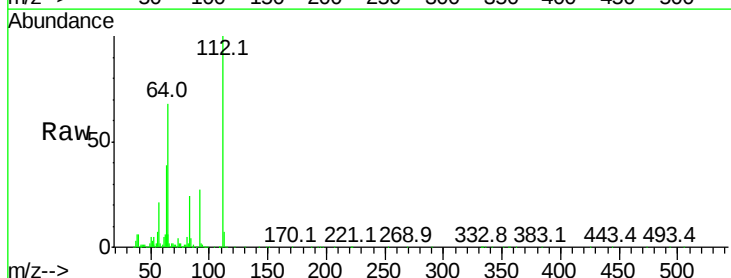
Manual Integrations

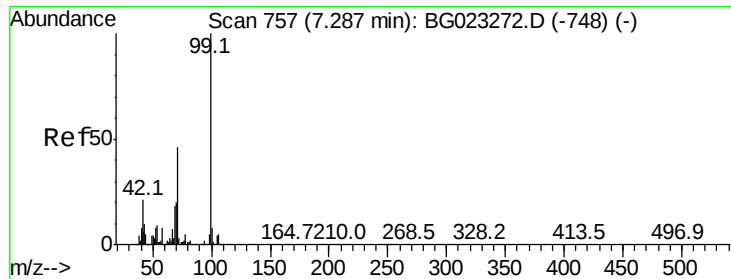
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#5
 2-Fluorophenol
 Concen: 121.09 ng
 RT: 5.68 min Scan# 483
 Delta R.T. 0.00 min
 Lab File: BG023330.D
 Acq: 29 Jul 2016 7:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.4	59.0	88.4
63	38.7	37.8	56.8





#7

Phenol-d6

Concen: 111.75 ng

RT: 7.29 min Scan# 758

Delta R.T. 0.00 min

Lab File: BG023330.D

Acq: 29 Jul 2016 7:44

Instrument :

BNA_G

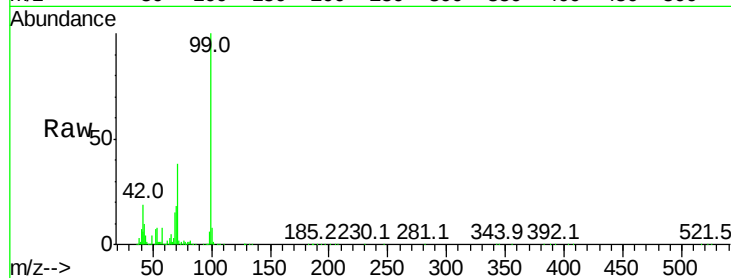
ClientSampleId :

L-4

Manual Integrations

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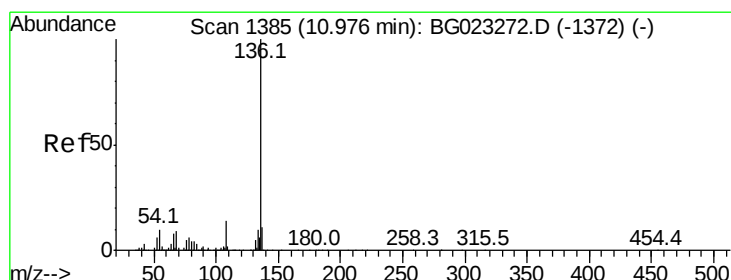
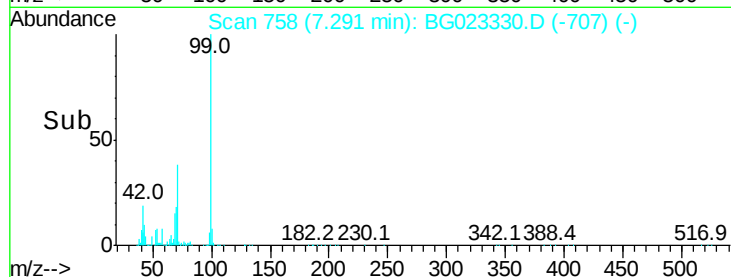
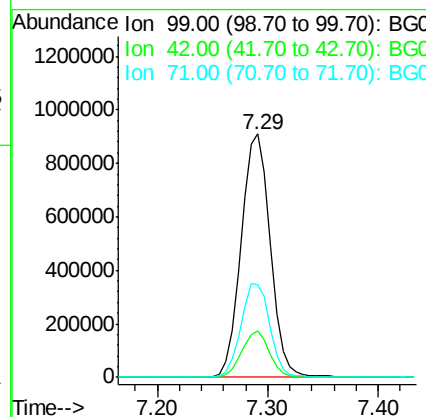
Tot Ion: 99 Resp: 1691573

Ion Ratio Lower Upper

99 100

42 19.1 17.8 26.6

71 38.1 41.5 62.3#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.97 min Scan# 1385

Delta R.T. -0.00 min

Lab File: BG023330.D

Acq: 29 Jul 2016 7:44

Tgt Ion: 136 Resp: 735280

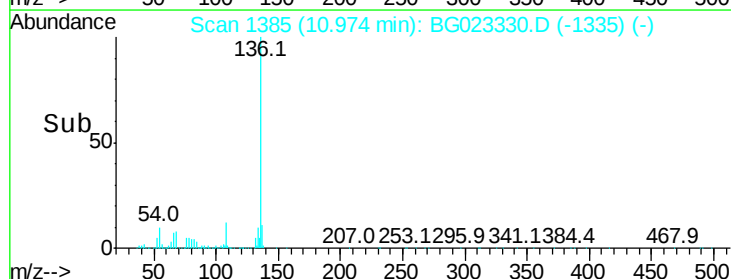
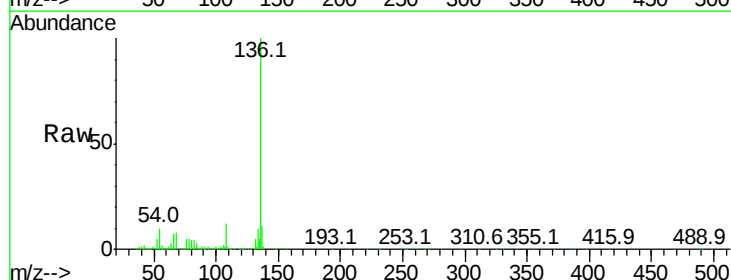
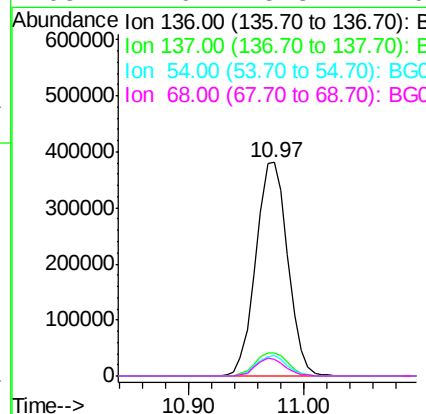
Ion Ratio Lower Upper

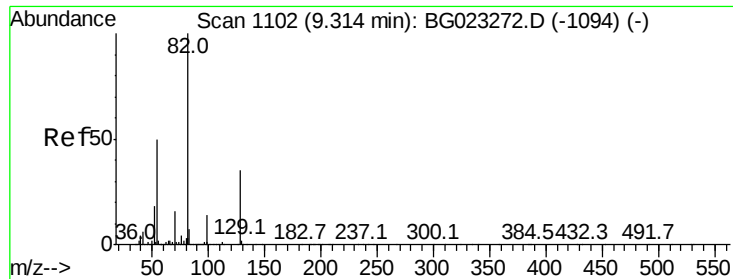
136 100

137 11.1 9.6 14.4

54 9.9 7.3 10.9

68 7.9 5.3 7.9





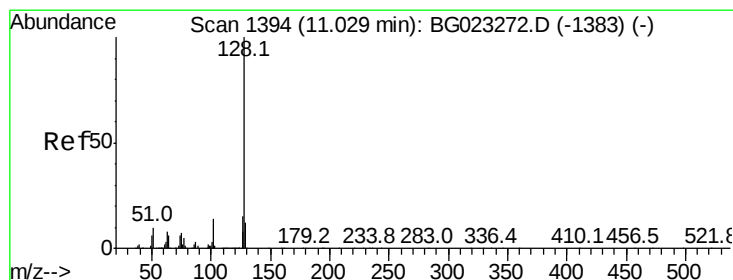
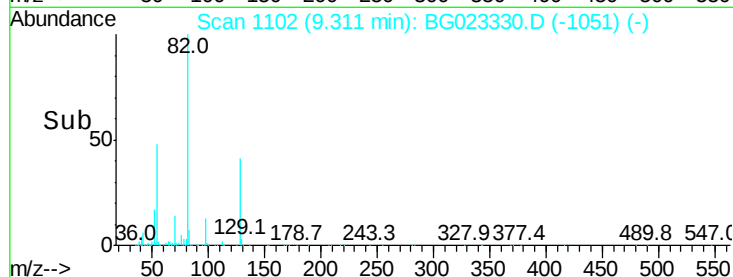
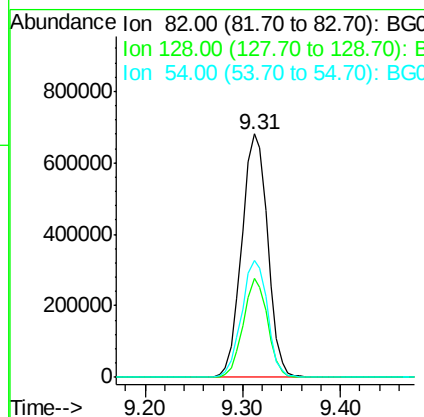
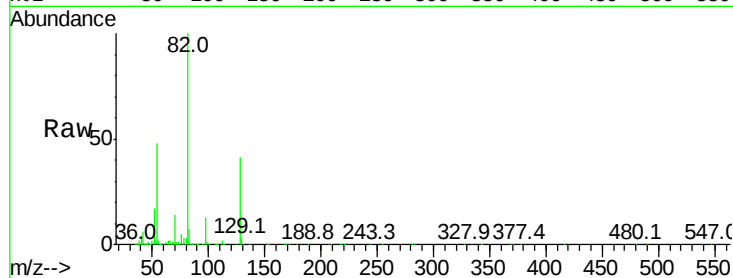
#23
Nitrobenzene-d5
Concen: 83.83 ng
RT: 9.31 min Scan# 1102
Delta R.T. 0.00 min
Lab File: BG023330.D
Acq: 29 Jul 2016 7:44

Instrument :
BNA_G
ClientSampleId :
L-4

Tot Ion	82	Resp	1260426
Ion	Ratio	Lower	Upper
82	100		
128	40.6	24.4	36.6#
54	48.1	41.4	62.0

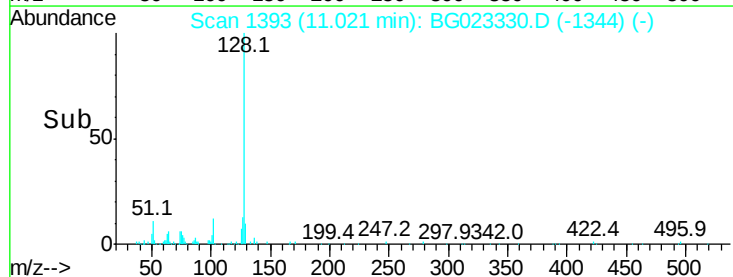
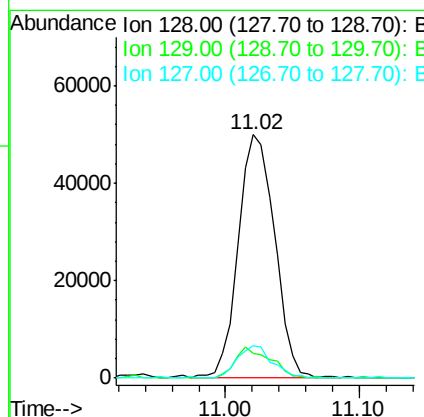
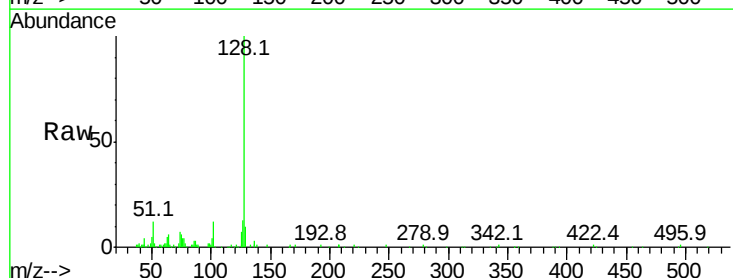
Manual Integrations

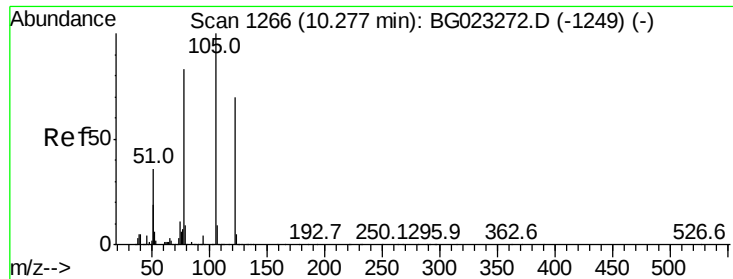
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#31
Naphthalene
Concen: 2.76 ng
RT: 11.02 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BG023330.D
Acq: 29 Jul 2016 7:44

Tgt Ion	128	Resp	94316
Ion	Ratio	Lower	Upper
128	100		
129	10.0	9.4	14.0
127	13.5	11.3	16.9





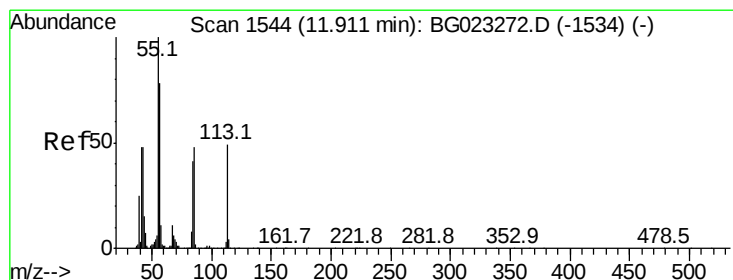
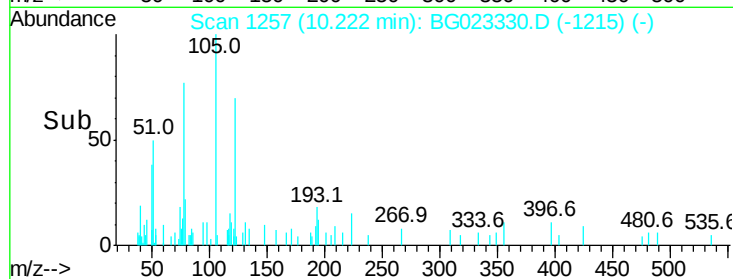
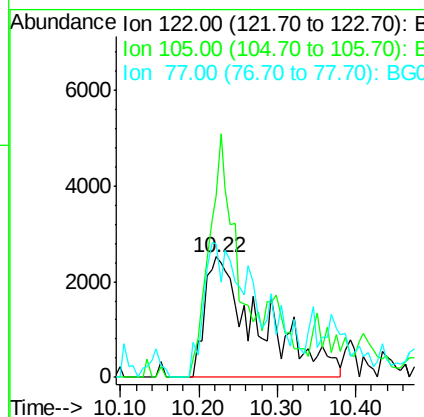
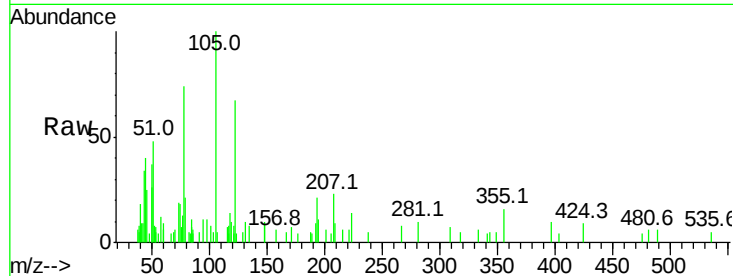
#32
Benzoic acid
Concen: 9.23 ng m
RT: 10.22 min Scan# 1257
Delta R.T. -0.05 min
Lab File: BG023330.D
Acq: 29 Jul 2016 7:44

Instrument :
BNA_G
ClientSampleId :
L-4

Tot Ion	Ratio	Lower	Upper
122	100		
105	149.9	117.2	157.2
77	110.8	109.2	149.2

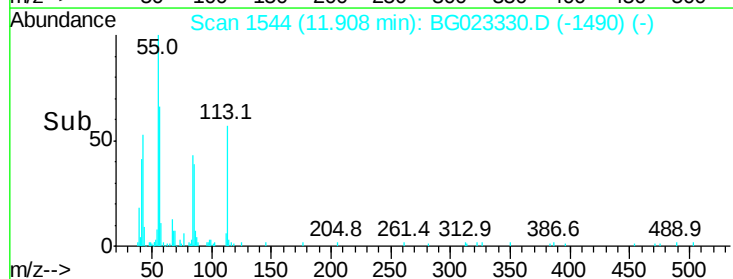
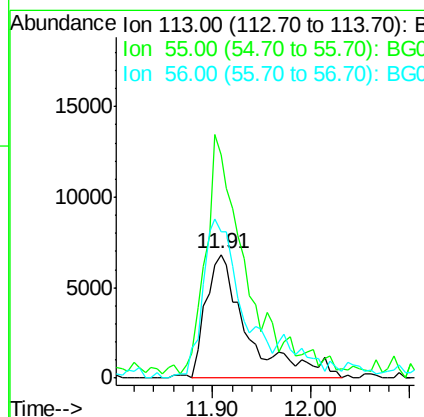
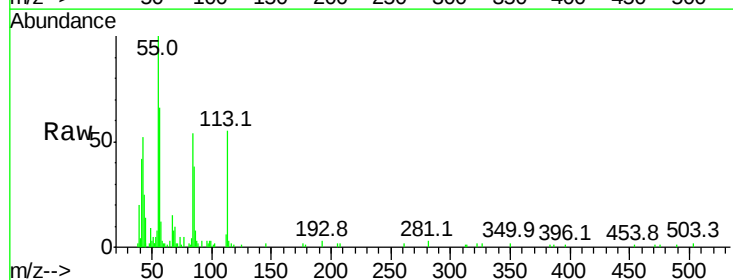
Manual Integrations

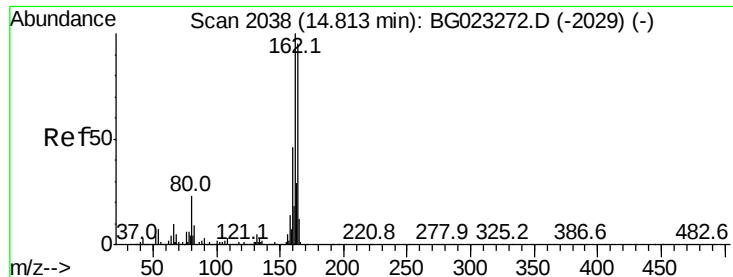
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#35
Caprolactam
Concen: 4.41 ng m
RT: 11.91 min Scan# 1544
Delta R.T. 0.02 min
Lab File: BG023330.D
Acq: 29 Jul 2016 7:44

Tgt Ion	Ratio	Lower	Upper
113	100		
55	180.6	154.5	194.5
56	118.3	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: BG023330.D

Acq: 29 Jul 2016 7:44

Instrument :

BNA_G

ClientSampled :

L-4

Tot Ion:164 Resp: 520458

Ion Ratio Lower Upper

164 100

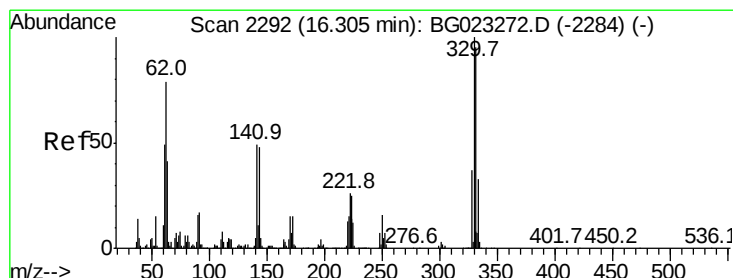
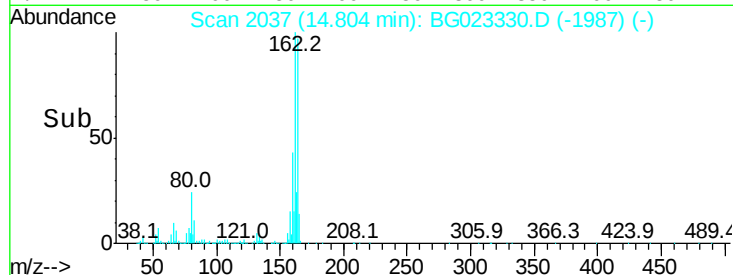
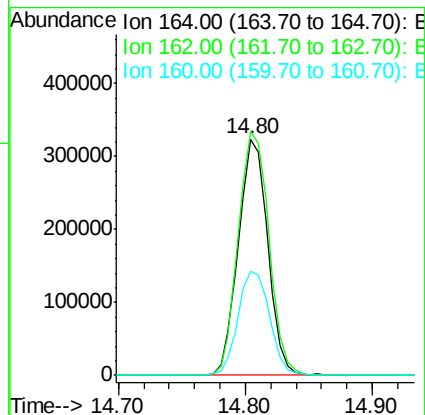
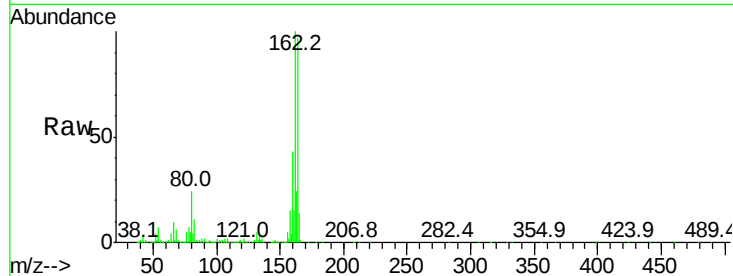
162 103.2 87.7 131.5

160 44.3 37.2 55.8

Manual Integrations

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#41

2,4,6-Tribromophenol

Concen: 164.88 ng

RT: 16.31 min Scan# 2293

Delta R.T. 0.00 min

Lab File: BG023330.D

Acq: 29 Jul 2016 7:44

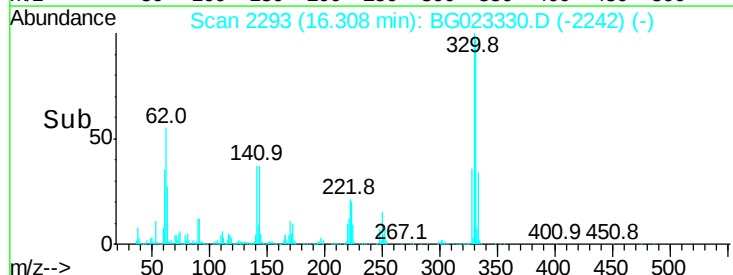
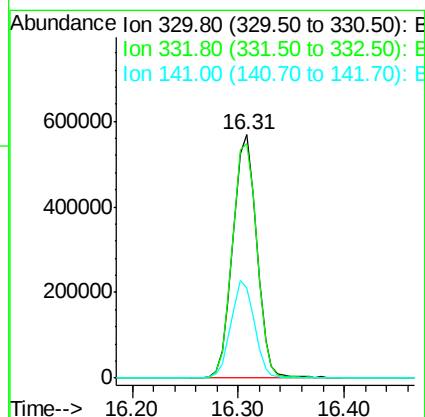
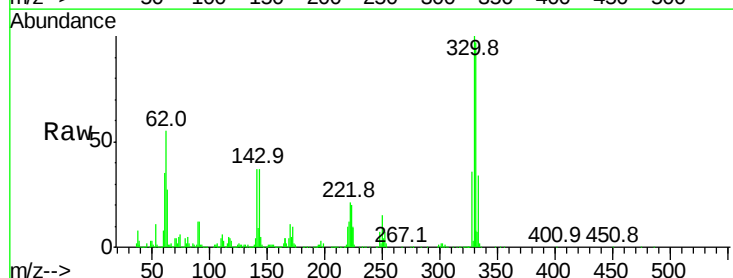
Tgt Ion:330 Resp: 888187

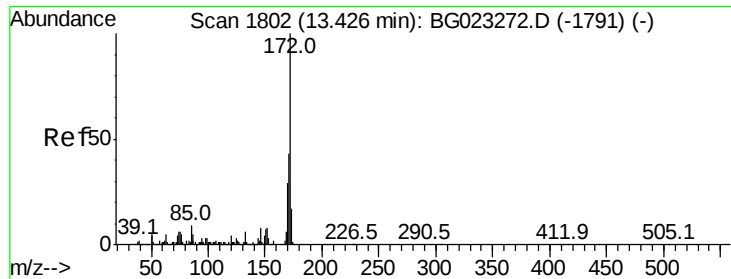
Ion Ratio Lower Upper

330 100

332 98.5 77.4 116.2

141 39.3 31.7 47.5





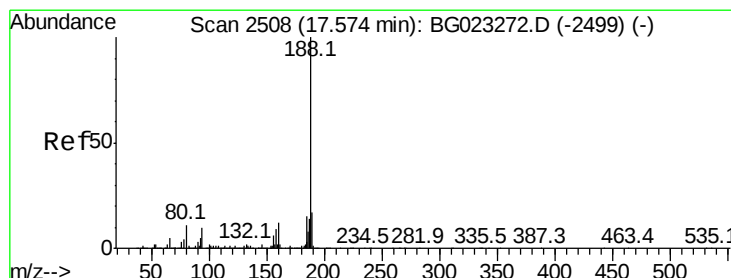
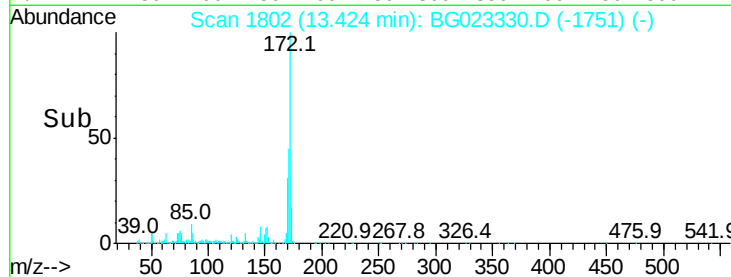
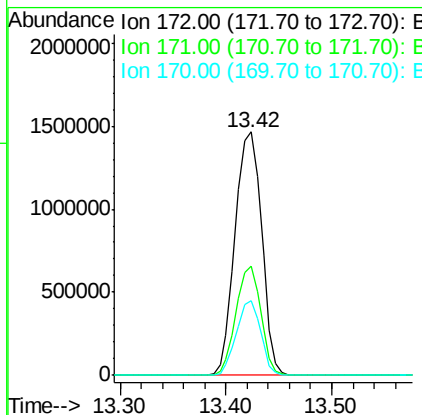
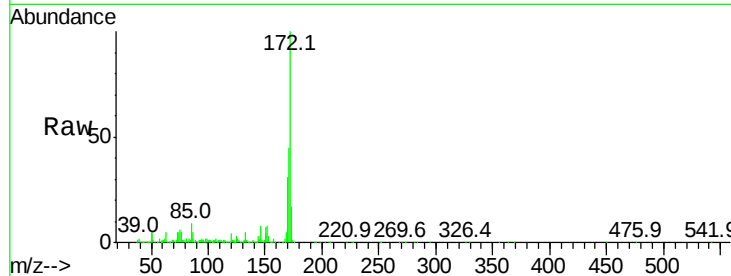
#44
2-Fluorobiphenyl
Concen: 91.80 ng
RT: 13.42 min Scan# 1802
Delta R.T. 0.00 min
Lab File: BG023330.D
Acq: 29 Jul 2016 7:44

Instrument :
BNA_G
ClientSampleId :
L-4

Tot Ion:172 Resp: 2552733
Ion Ratio Lower Upper
172 100
171 44.8 31.6 47.4
170 30.9 21.3 31.9

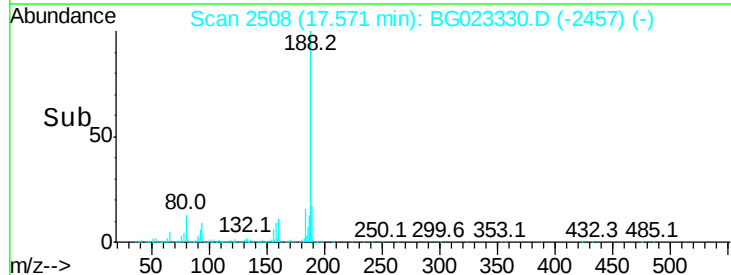
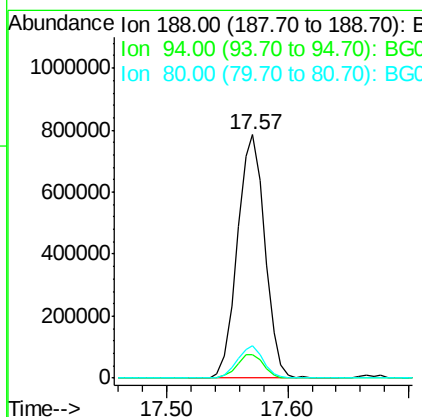
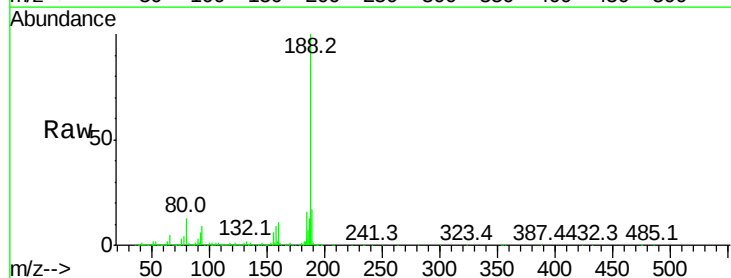
Manual Integrations

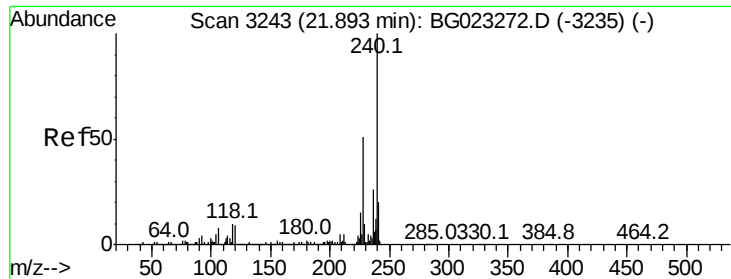
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.57 min Scan# 2508
Delta R.T. 0.00 min
Lab File: BG023330.D
Acq: 29 Jul 2016 7:44

Tgt Ion:188 Resp: 1243405
Ion Ratio Lower Upper
188 100
94 9.5 5.2 7.8#
80 13.2 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: BG023330.D

Acq: 29 Jul 2016 7:44

Instrument :

BNA_G

ClientSampleId :

L-4

Tot Ion:240 Resp: 1269449

Ion Ratio Lower Upper

240 100

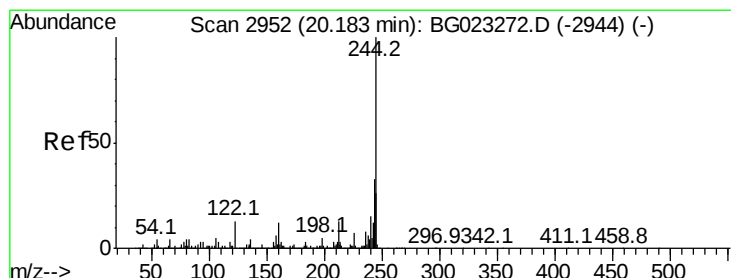
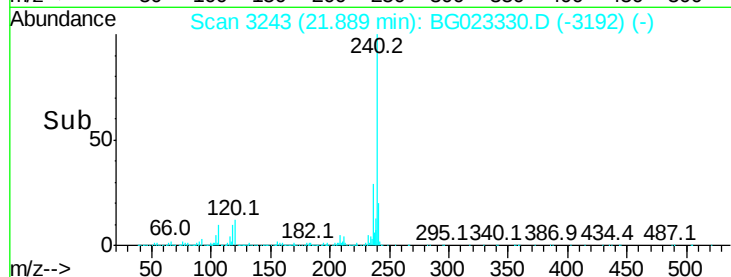
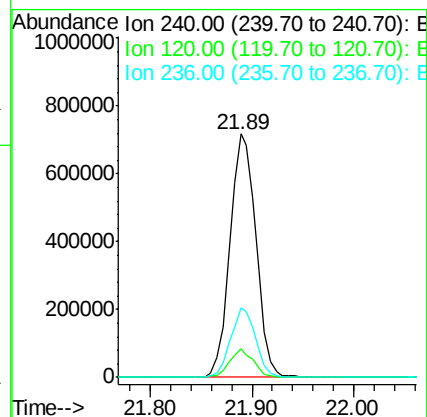
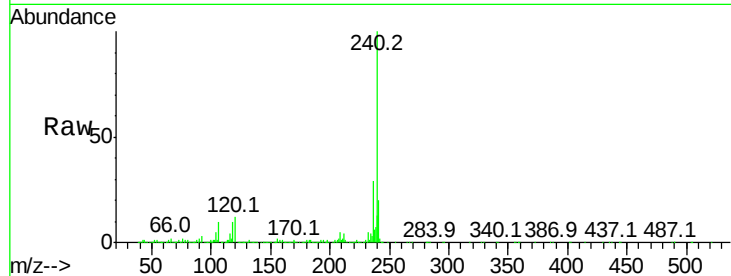
120 11.9 4.1 6.1#

236 28.7 21.1 31.7

Manual Integrations

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#78

Terphenyl-d14

Concen: 83.68 ng

RT: 20.18 min Scan# 2952

Delta R.T. 0.00 min

Lab File: BG023330.D

Acq: 29 Jul 2016 7:44

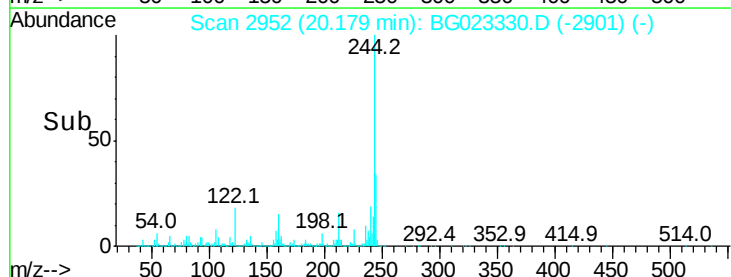
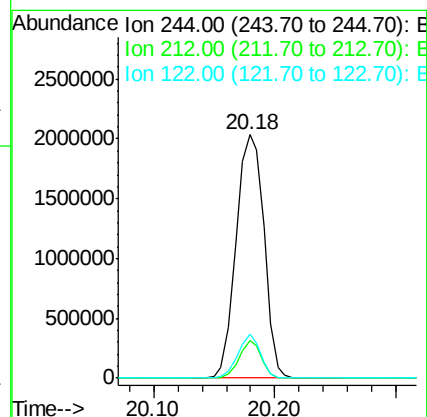
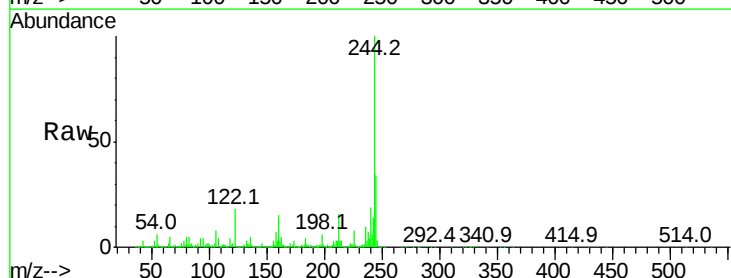
Tgt Ion:244 Resp: 3267809

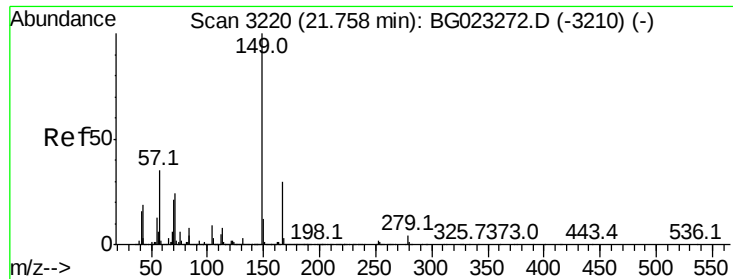
Ion Ratio Lower Upper

244 100

212 15.7 10.8 16.2

122 17.8 8.0 12.0#





#83

Bis(2-ethylhexyl)phthalate

Concen: 6.13 ng

RT: 21.75 min Scan# 3220

Delta R.T. -0.00 min

Lab File: BG023330.D

Acq: 29 Jul 2016 7:44

Instrument :

BNA_G

ClientSampled :

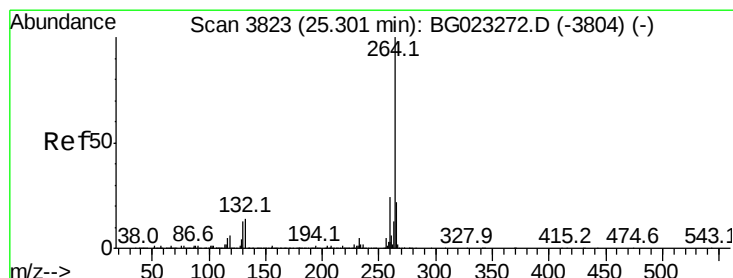
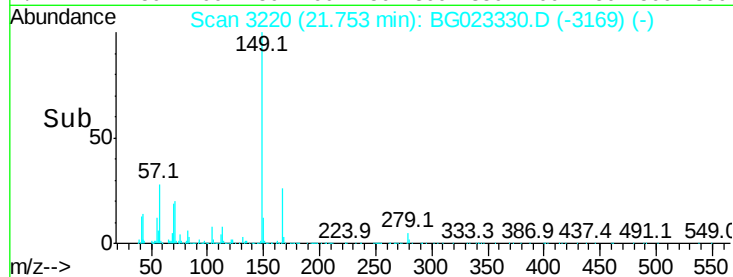
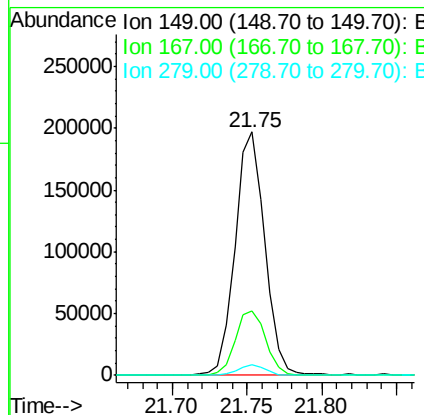
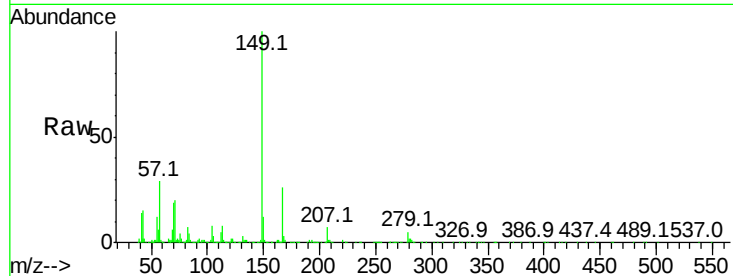
L-4

Tot Ion:	149	Resp:	271834
Ion Ratio	Lower	Upper	
149	100		
167	26.5	24.0	36.0
279	4.6	4.8	7.2#

Manual Integrations

umangi

7/29/2016 6:22:26 PM



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.30 min Scan# 3823

Delta R.T. -0.01 min

Lab File: BG023330.D

Acq: 29 Jul 2016 7:44

Tgt Ion:	264	Resp:	1289436
Ion Ratio	Lower	Upper	
264	100		
260	24.5	18.4	27.6
265	22.4	18.9	28.3

