

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072916\
 Data File : BG023337.D
 Acq On : 29 Jul 2016 13:05
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations

umangi
 7/29/2016 6:22:33 PM

Quant Time: Jul 29 13:41:09 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	249026	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	1189841	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	796388	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	1669366	20.00	ng	0.00
75) Chrysene-d12	21.90	240	1662932	20.00	ng	0.00
86) Perylene-d12	25.30	264	1724144	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.67	112	1105212	75.77	ng	0.00
7) Phenol-d6	7.29	99	1709897	76.35	ng	0.00
23) Nitrobenzene-d5	9.32	82	1700067	69.87	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	773825	93.88	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	3153119	74.10	ng	0.00
78) Terphenyl-d14	20.18	244	3425219	66.96	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	207642	33.19	ng	# 91
3) Pyridine	3.94	79	668687	30.54	ng	94
4) n-Nitrosodimethylamine	3.85	42	291224	29.44	ng	# 72
6) Aniline	7.46	93	1098315	36.72	ng	95
8) 2-Chlorophenol	7.70	128	655084	40.25	ng	98
9) Benzaldehyde	7.27	77	522242	32.46	ng	93
10) Phenol	7.32	94	893215	37.80	ng	83
11) bis(2-Chloroethyl)ether	7.55	93	726958	36.19	ng	95
12) 1,3-Dichlorobenzene	8.03	146	718895m	39.20	ng	
13) 1,4-Dichlorobenzene	8.17	146	740553	39.58	ng	94
14) 1,2-Dichlorobenzene	8.50	146	711366	39.41	ng	93
15) Benzyl Alcohol	8.38	79	635378	42.16	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.66	45	1134082	35.48	ng	88
17) 2-Methylphenol	8.58	107	623807	38.62	ng	# 90
18) Hexachloroethane	9.23	117	283161	36.32	ng	93
19) n-Nitroso-di-n-propylamine	8.95	70	701079	34.80	ng	97
20) 3+4-Methylphenols	8.92	107	889666	40.51	ng	90
22) Acetophenone	8.97	105	1136604	36.59	ng	# 91
24) Nitrobenzene	9.36	77	1008365	35.69	ng	# 87
25) Isophorone	9.88	82	1816496	36.15	ng	# 91
26) 2-Nitrophenol	10.08	139	448452	42.02	ng	# 75
27) 2,4-Dimethylphenol	10.13	122	704001	39.14	ng	88
28) bis(2-Chloroethoxy)methane	10.36	93	1005505	35.66	ng	95
29) 2,4-Dichlorophenol	10.62	162	736896	42.31	ng	98
30) 1,2,4-Trichlorobenzene	10.83	180	766532	39.83	ng	94
31) Naphthalene	11.03	128	2146908	38.83	ng	# 94
32) Benzoic acid	10.30	122	585424	41.33	ng	93
33) 4-Chloroaniline	11.13	127	985795	38.60	ng	93
34) Hexachlorobutadiene	11.30	225	495651	39.30	ng	96
35) Caprolactam	11.93	113	281726	38.04	ng	# 90
36) 4-Chloro-3-methylphenol	12.26	107	905013	39.56	ng	# 89
37) 2-Methylnaphthalene	12.63	142	1617691m	39.46	ng	
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	1051594	40.79	ng	98
40) Hexachlorocyclopentadiene	12.97	237	480753	39.35	ng	98

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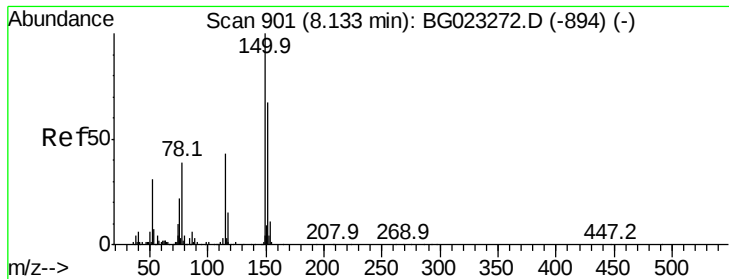
Manual Integrations

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 7/29/2016 6:22:33 PM

Quant Time: Jul 29 13:41:09 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG072616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.24	196	650477	42.95	nq	99
43) 2,4,5-Trichlorophenol	13.32	196	676705	42.12	nq	97
45) 1,1'-Biphenyl	13.64	154	2185502	39.35	nq	90
46) 2-Chloronaphthalene	13.68	162	1707911	38.37	nq	92
47) 2-Nitroaniline	13.89	65	690520	36.68	nq	# 88
48) Acenaphthylene	14.53	152	2585416	37.94	nq	# 92
49) Dimethylphthalate	14.26	163	2152054	36.62	nq	# 94
50) 2,6-Dinitrotoluene	14.38	165	538337	39.12	nq	# 82
51) Acenaphthene	14.88	154	1711960	38.73	nq	97
52) 3-Nitroaniline	14.72	138	547492	39.50	nq	# 78
53) 2,4-Dinitrophenol	14.93	184	310878	38.58	nq	# 85
54) Dibenzofuran	15.21	168	2330754	37.27	nq	98
55) 4-Nitrophenol	15.03	139	434478	36.13	nq	# 73
56) 2,4-Dinitrotoluene	15.17	165	739451	38.16	nq	90
57) Fluorene	15.86	166	2041253	36.96	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.44	232	555159	40.82	nq	92
59) Diethylphthalate	15.62	149	2152329	35.75	nq	93
60) 4-Chlorophenyl-phenylether	15.84	204	1109653	37.12	nq	97
61) 4-Nitroaniline	15.89	138	566013	38.94	nq	# 64
62) Azobenzene	16.14	77	2133789	34.19	nq	90
64) 4,6-Dinitro-2-methylphenol	15.94	198	479568	44.73	nq	96
65) n-Nitrosodiphenylamine	16.07	169	1848336	41.47	nq	# 92
66) 4-Bromophenyl-phenylether	16.75	248	754186	44.68	nq	97
67) Hexachlorobenzene	16.87	284	791716	46.65	nq	98
68) Atrazine	17.02	200	710222	41.54	nq	97
69) Pentachlorophenol	17.22	266	478245	45.66	nq	98
70) Phenanthrene	17.62	178	2927298	40.09	nq	# 89
71) Anthracene	17.71	178	2946906	39.94	nq	# 89
72) Carbazole	17.98	167	2704908	40.03	nq	92
73) Di-n-butylphthalate	18.52	149	2998736	39.77	nq	# 94
74) Fluoranthene	19.63	202	3134999	37.62	nq	85
76) Benzidine	19.80	184	1437834	30.74	nq	99
77) Pyrene	19.99	202	3190152	33.80	nq	# 89
79) Butylbenzylphthalate	20.87	149	1602501	38.60	nq	98
80) Benzo(a)anthracene	21.88	228	3205132	36.81	nq	93
81) 3,3'-Dichlorobenzidine	21.78	252	1481754	41.98	nq	# 96
82) Chrysene	21.95	228	3058389	36.36	nq	# 88
83) Bis(2-ethylhexyl)phthalate	21.75	149	2179951	37.53	nq	95
84) Di-n-octyl phthalate	23.03	149	3540331	37.26	nq	97
85) Indeno(1,2,3-cd)pyrene	29.20	276	4434971	45.20	nq	# 100
87) Benzo(b)fluoranthene	24.22	252	3560530	38.87	nq	# 93
88) Benzo(k)fluoranthene	24.29	252	3463144	37.82	nq	# 91
89) Benzo(a)pyrene	25.14	252	3482639	38.80	nq	# 93
90) Dibenzo(a,h)anthracene	29.28	278	3586875	42.25	nq	# 88
91) Benzo(g,h,i)perylene	30.43	276	3648443	40.82	nq	# 87

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.14 min Scan# 902

Delta R.T. -0.00 min

Lab File: BG023337.D

Acq: 29 Jul 2016 13:05

Instrument :

BNA_G

ClientSampleId :

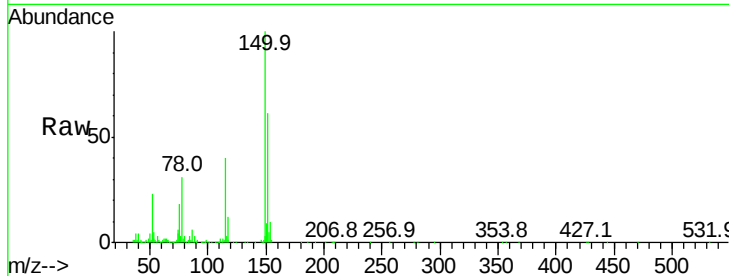
SSTDCCC040EC

Tot Ion:	152	Resp:	249026
Ion Ratio	Lower	Upper	
152	100		
150	162.7	144.7	217.1
115	65.3	64.0	96.0

Manual Integrations

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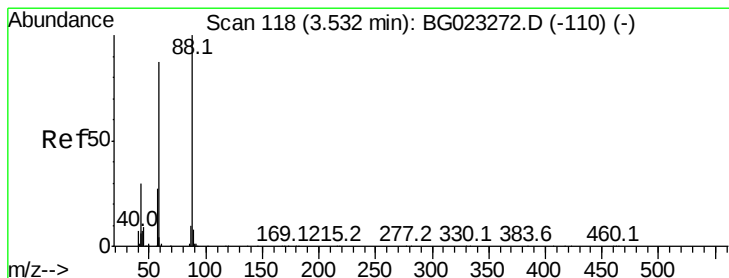
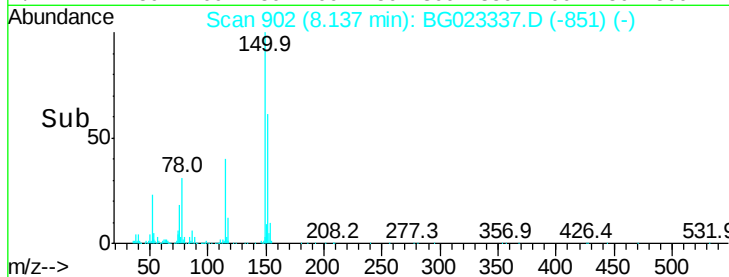
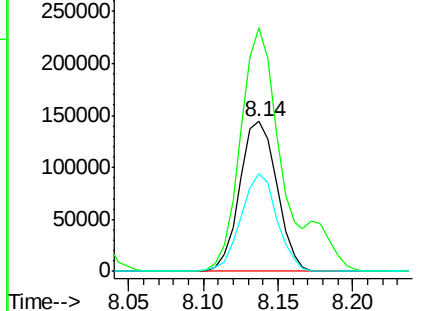
7/29/2016 6:22:33 PM



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



#2

1,4-Dioxane

Concen: 33.19 ng

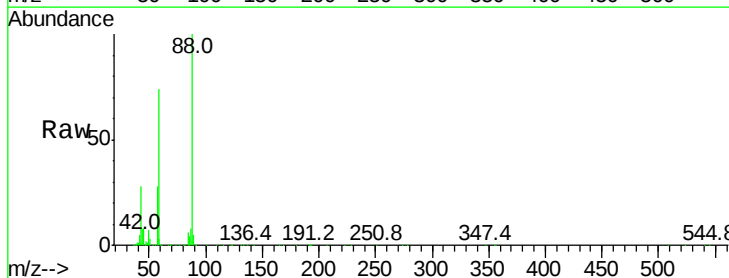
RT: 3.53 min Scan# 118

Delta R.T. -0.01 min

Lab File: BG023337.D

Acq: 29 Jul 2016 13:05

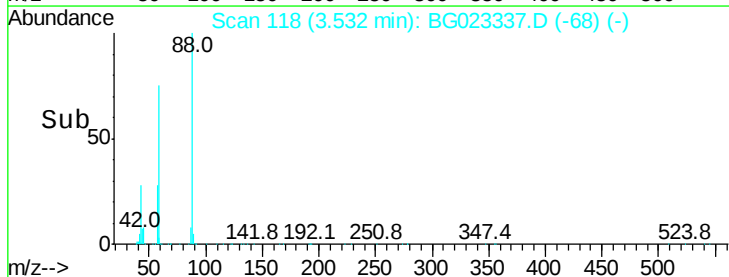
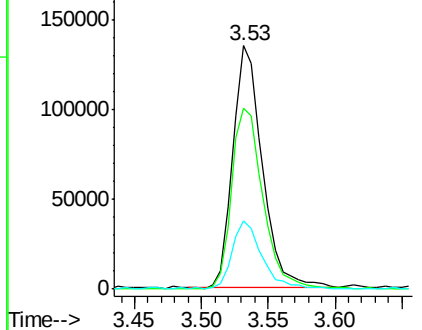
Tgt Ion:	88	Resp:	207642
Ion Ratio	Lower	Upper	
88	100		
58	79.9	60.4	90.6
43	29.0	31.1	46.7#

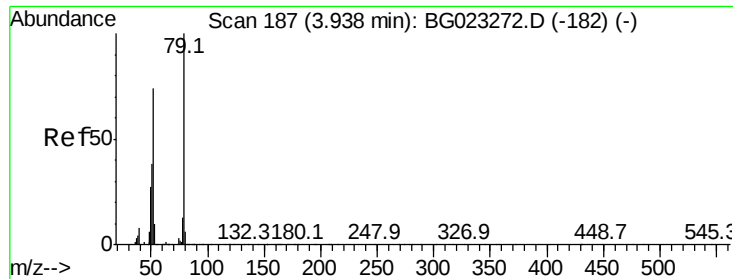


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 30.54 ng

RT: 3.94 min Scan# 187

Delta R.T. -0.03 min

Lab File: BG023337.D

Acq: 29 Jul 2016 13:05

Instrument :

BNA_G

ClientSampleId :

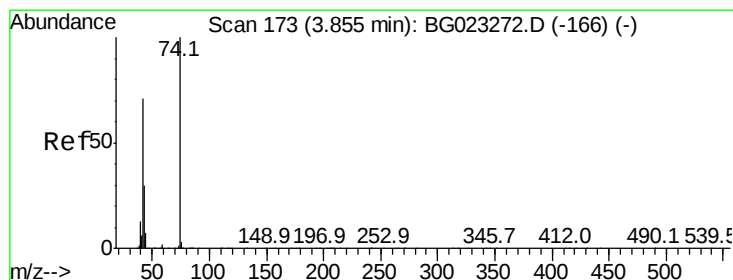
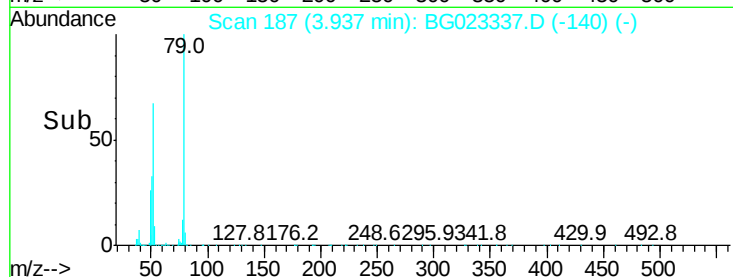
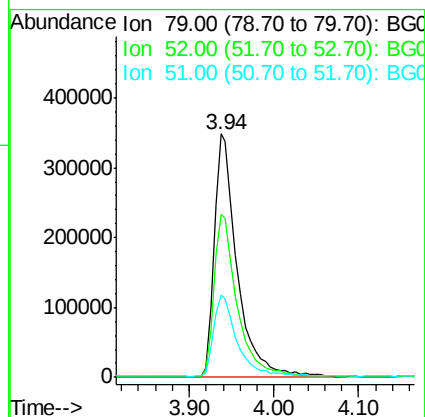
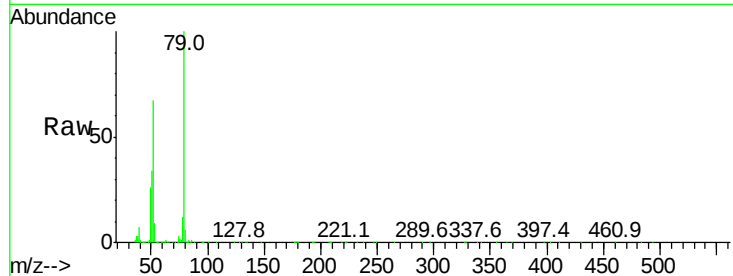
SSTDCCC040EC

Tot Ion:	79	Resp:	668687
Ion Ratio	Lower	Upper	
79	100		
52	66.8	51.8	77.8
51	33.9	32.7	49.1

Manual Integrations

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7/29/2016 6:22:33 PM



#4

n-Nitrosodimethylamine

Concen: 29.44 ng

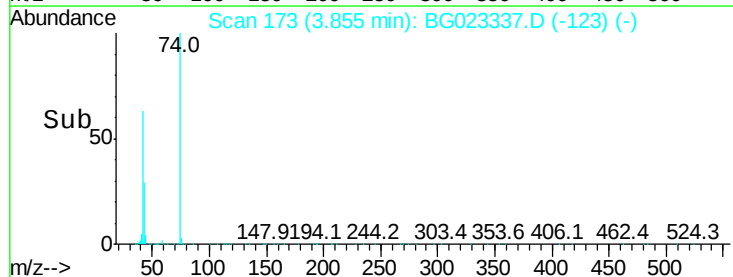
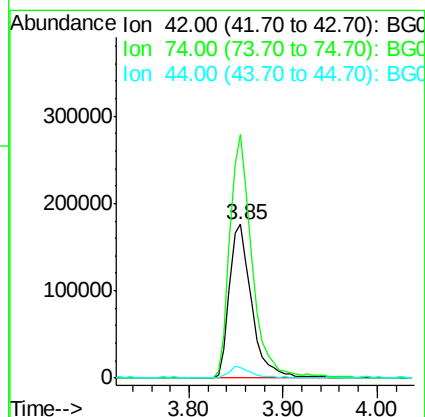
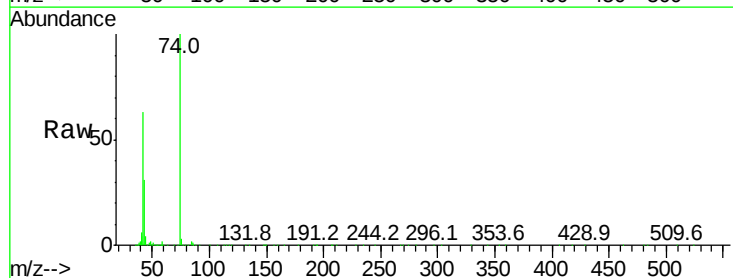
RT: 3.85 min Scan# 173

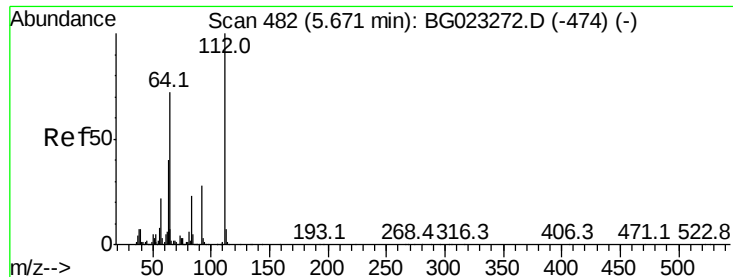
Delta R.T. -0.01 min

Lab File: BG023337.D

Acq: 29 Jul 2016 13:05

Tgt Ion:	42	Resp:	291224
Ion Ratio	Lower	Upper	
42	100		
74	158.6	100.6	150.8#
44	7.0	4.5	6.7#





#5

2-Fluorophenol

Concen: 75.77 ng

RT: 5.67 min Scan# 482

Delta R.T. -0.00 min

Lab File: BG023337.D

Acq: 29 Jul 2016 13:05

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:112 Resp: 1105212

Ion Ratio Lower Upper

112 100

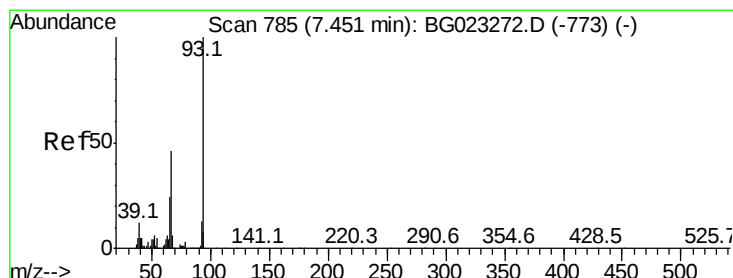
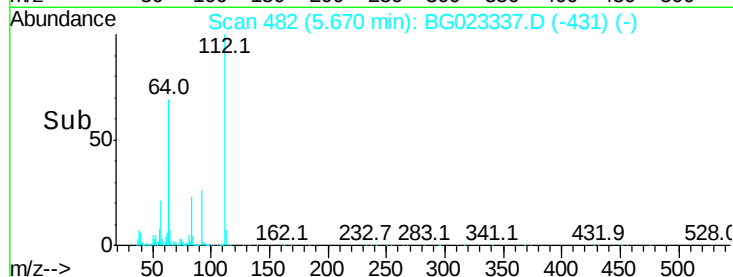
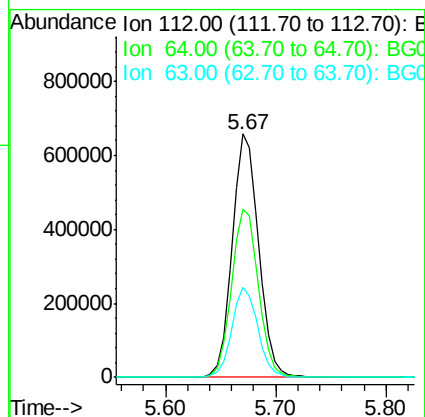
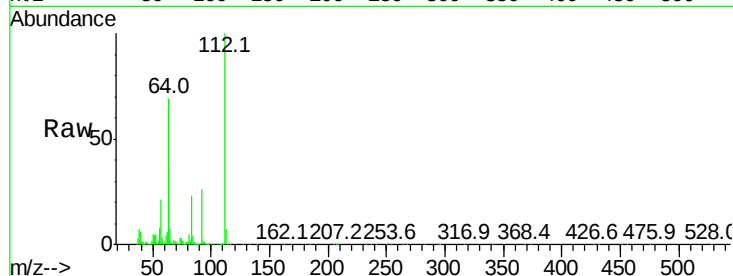
64 69.2 59.0 88.4

63 37.0 37.8 56.8#

Manual Integrations

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7/29/2016 6:22:33 PM



#6

Aniline

Concen: 36.72 ng

RT: 7.46 min Scan# 786

Delta R.T. 0.00 min

Lab File: BG023337.D

Acq: 29 Jul 2016 13:05

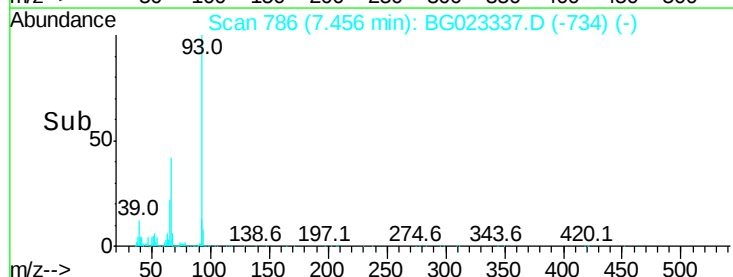
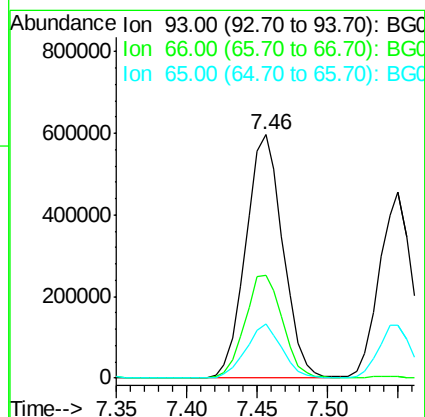
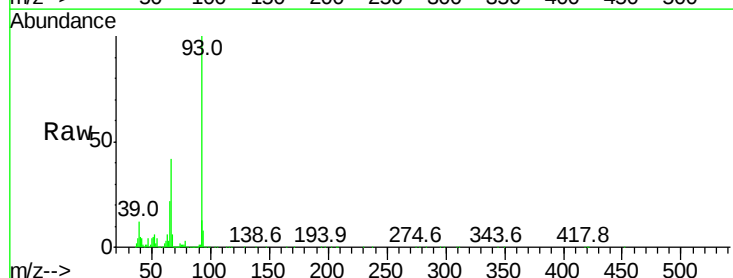
Tgt Ion: 93 Resp: 1098315

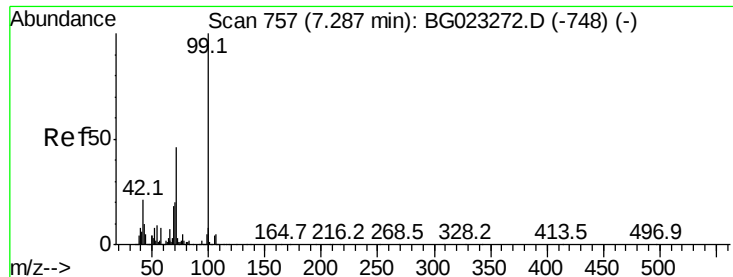
Ion Ratio Lower Upper

93 100

66 42.3 37.5 56.3

65 22.2 17.9 26.9





#7

Phenol-d6

Concen: 76.35 ng

RT: 7.29 min Scan# 758

Delta R.T. 0.00 min

Lab File: BG023337.D

Acq: 29 Jul 2016 13:05

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion: 99 Resp: 1709897

Ion Ratio Lower Upper

99 100

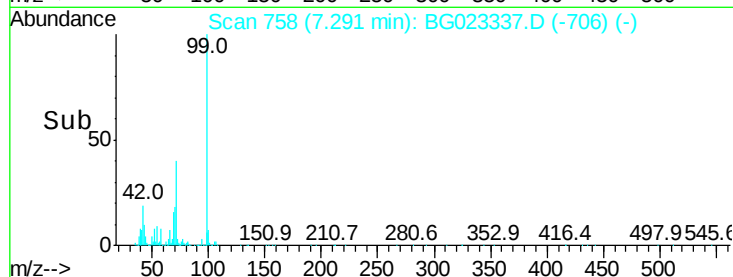
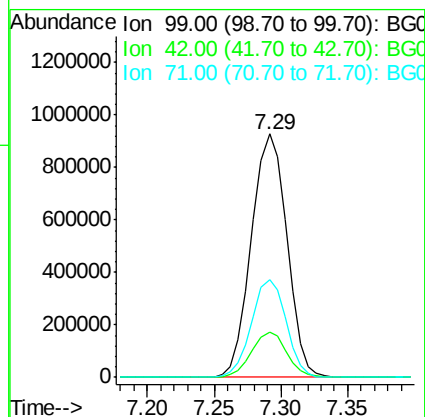
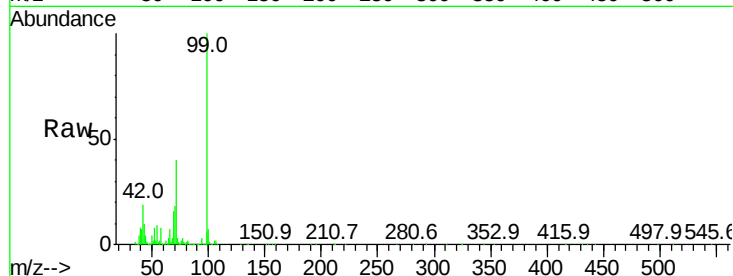
42 18.6 17.8 26.6

71 40.0 41.5 62.3#

Manual Integrations

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7/29/2016 6:22:33 PM



#8

2-Chlorophenol

Concen: 40.25 ng

RT: 7.70 min Scan# 827

Delta R.T. -0.00 min

Lab File: BG023337.D

Acq: 29 Jul 2016 13:05

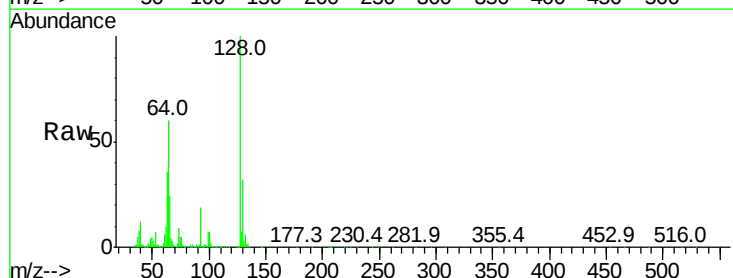
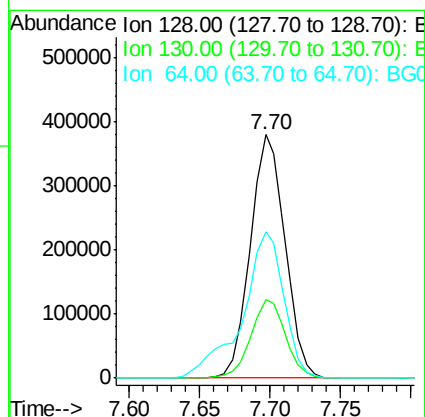
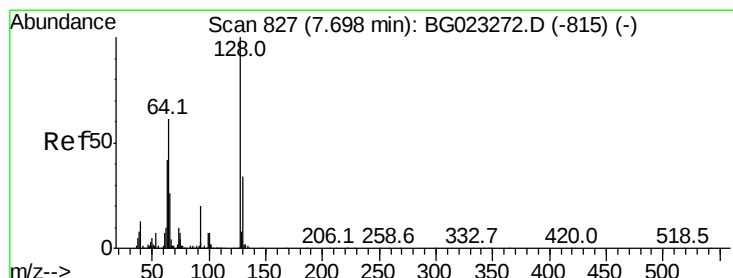
Tgt Ion: 128 Resp: 655084

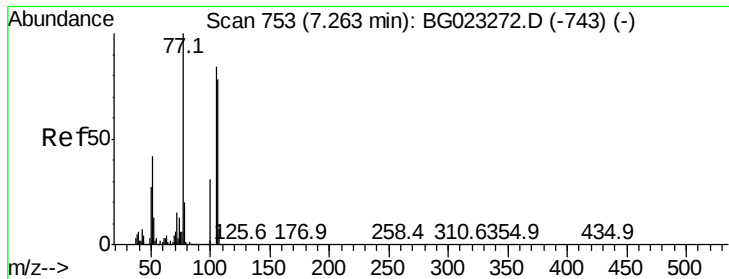
Ion Ratio Lower Upper

128 100

130 32.0 12.9 52.9

64 60.0 42.0 82.0





#9

Benzaldehyde

Concen: 32.46 ng

RT: 7.27 min Scan# 754

Delta R.T. -0.00 min

Lab File: BG023337.D

Acq: 29 Jul 2016 13:05

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion: 77 Resp: 522242

Ion Ratio Lower Upper

77 100

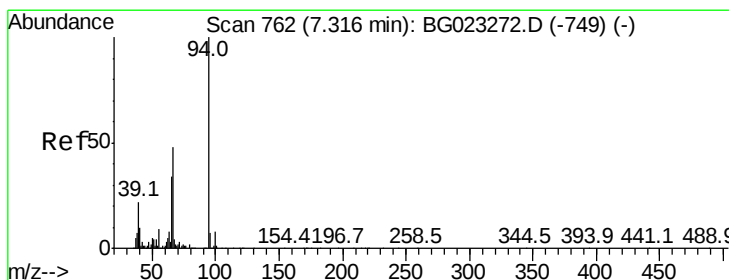
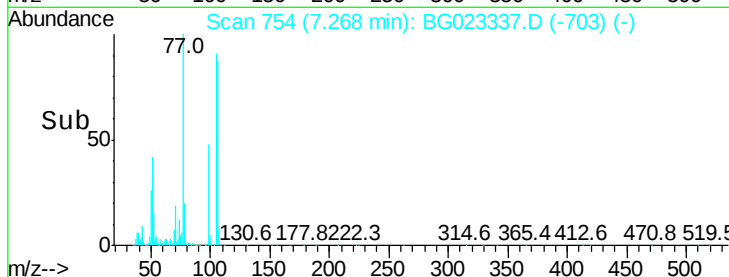
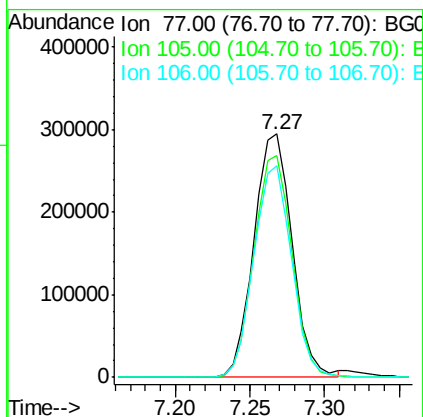
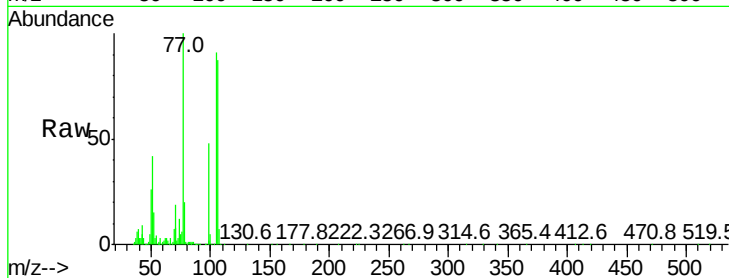
105 91.1 58.7 98.7

106 86.9 67.5 107.5

Manual Integrations

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7/29/2016 6:22:33 PM



#10

Phenol

Concen: 37.80 ng

RT: 7.32 min Scan# 763

Delta R.T. 0.00 min

Lab File: BG023337.D

Acq: 29 Jul 2016 13:05

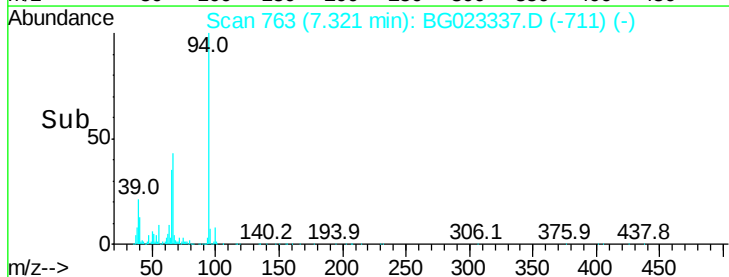
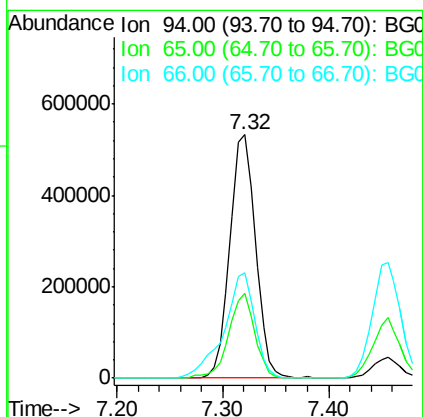
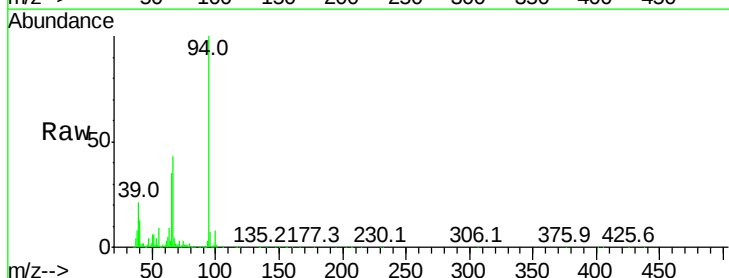
Tgt Ion: 94 Resp: 893215

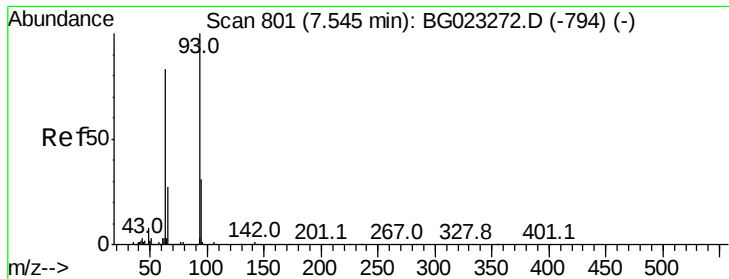
Ion Ratio Lower Upper

94 100

65 34.9 18.1 58.1

66 43.2 42.1 82.1





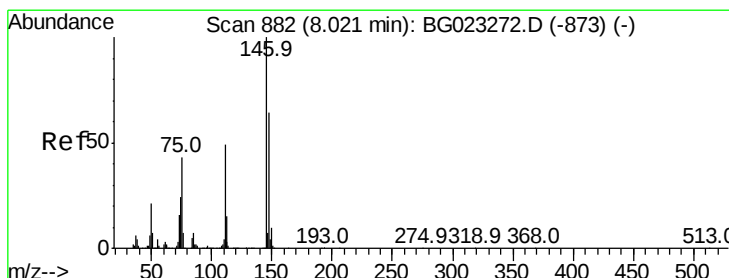
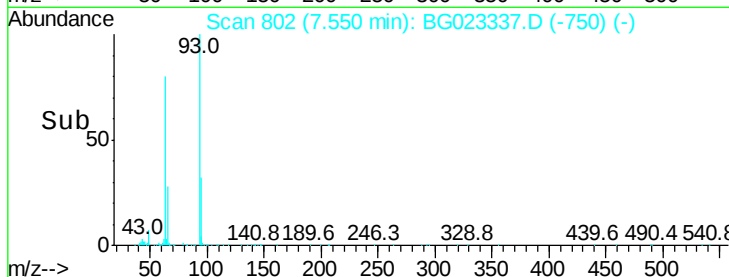
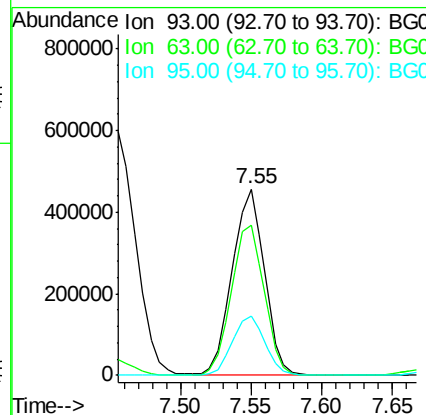
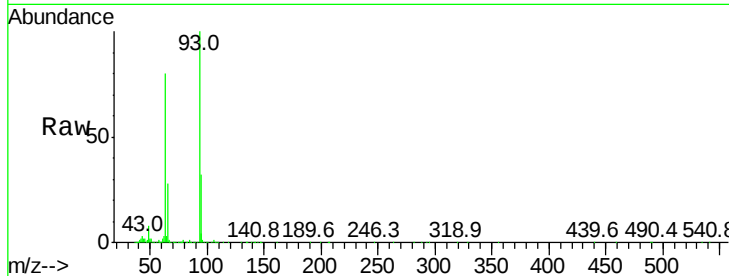
#11
bis(2-Chloroethyl)ether
Concen: 36.19 ng
RT: 7.55 min Scan# 802
Delta R.T. 0.00 min
Lab File: BG023337.D
Acq: 29 Jul 2016 13:05

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	93	Resp	726958
Ion Ratio	Lower	Upper	
93	100		
63	80.5	55.0	95.0
95	31.5	11.0	51.0

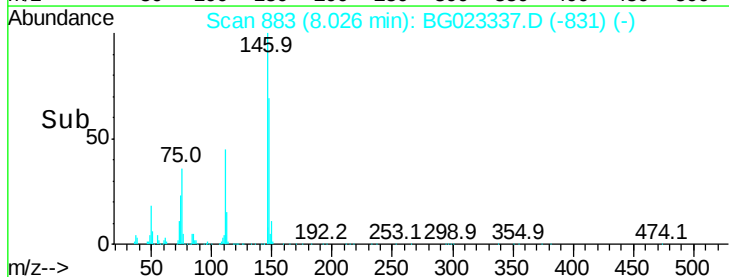
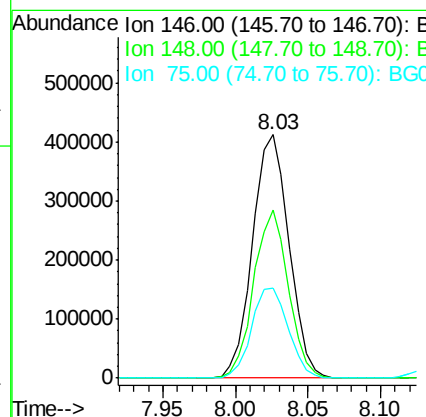
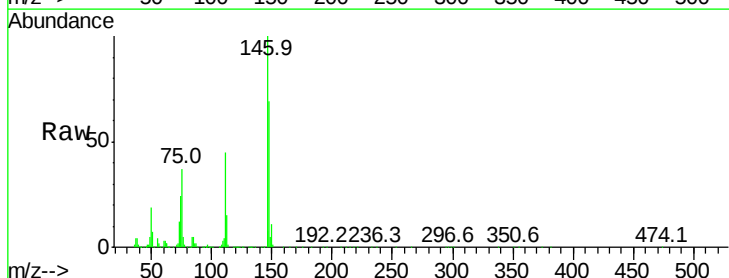
Manual Integrations

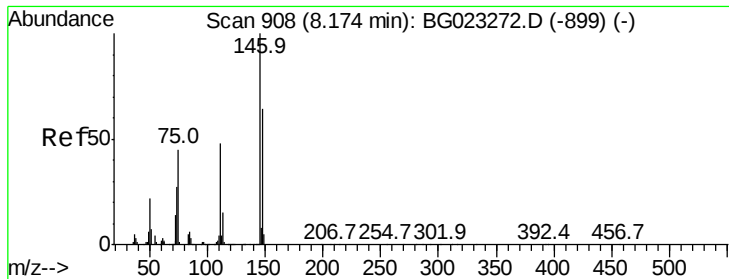
umangi
7/29/2016 6:22:33 PM



#12
1,3-Dichlorobenzene
Concen: 39.20 ng m
RT: 8.03 min Scan# 883
Delta R.T. 0.00 min
Lab File: BG023337.D
Acq: 29 Jul 2016 13:05

Tgt Ion	146	Resp	718895
Ion Ratio	Lower	Upper	
146	100		
148	69.0	50.3	75.5
75	37.0	37.0	55.6#





#13

1,4-Dichlorobenzene

Concen: 39.58 ng

RT: 8.17 min Scan# 908

Delta R.T. -0.00 min

Lab File: BG023337.D

Acq: 29 Jul 2016 13:05

Instrument :

BNA_G

ClientSampleId :

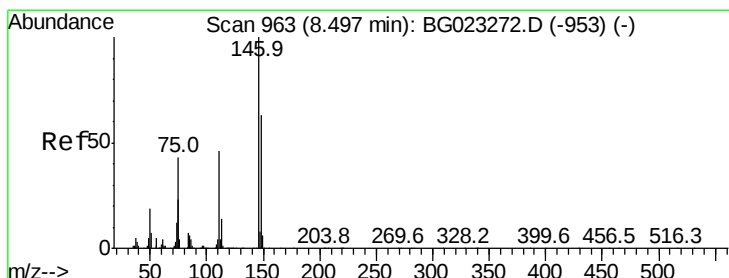
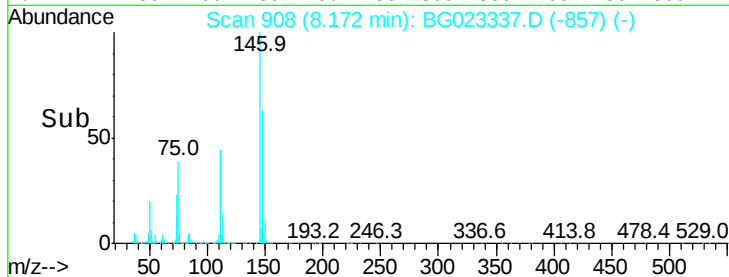
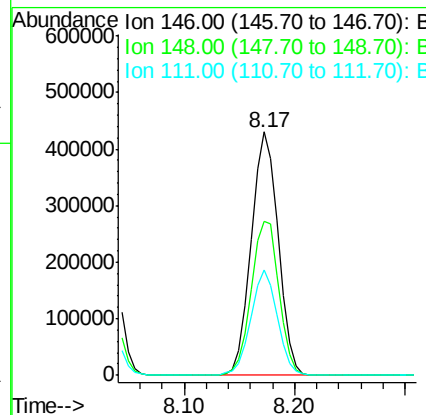
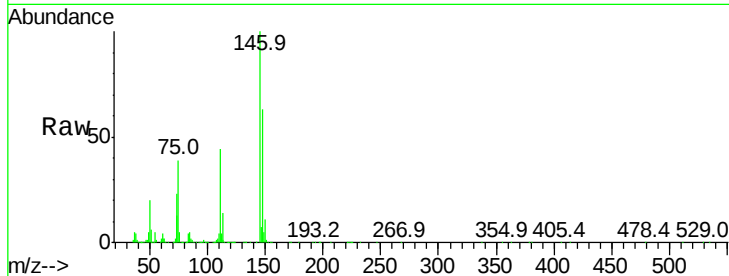
SSTDCCC040EC

Tot Ion:	146	Resp:	740553
Ion Ratio	Lower	Upper	
146	100		
148	63.3	54.5	81.7
111	43.5	37.8	56.8

Manual Integrations

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#14

1,2-Dichlorobenzene

Concen: 39.41 ng

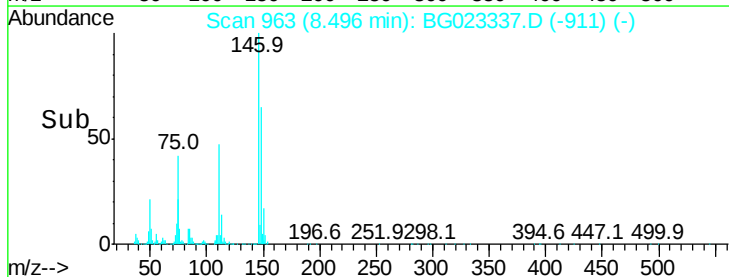
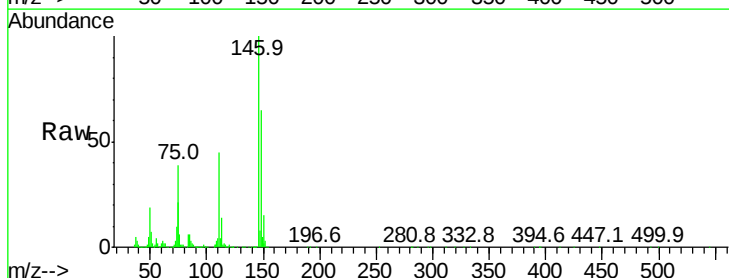
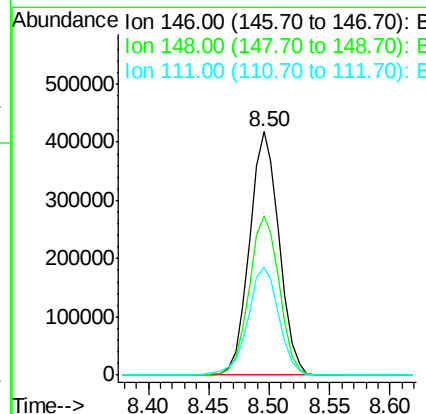
RT: 8.50 min Scan# 963

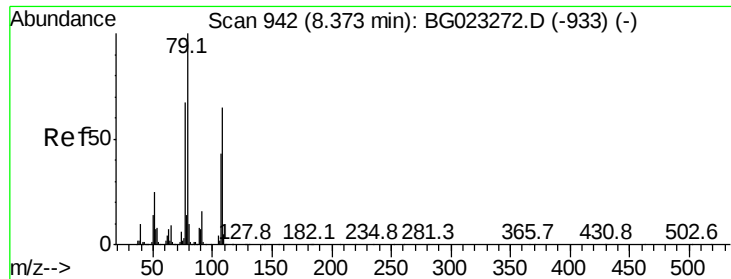
Delta R.T. 0.00 min

Lab File: BG023337.D

Acq: 29 Jul 2016 13:05

Tgt Ion:	146	Resp:	711366
Ion Ratio	Lower	Upper	
146	100		
148	65.1	52.9	79.3
111	44.5	43.5	65.3





#15

Benzyl Alcohol

Concen: 42.16 ng

RT: 8.38 min Scan# 943

Delta R.T. -0.00 min

Lab File: BG023337.D

Acq: 29 Jul 2016 13:05

Instrument :

BNA_G

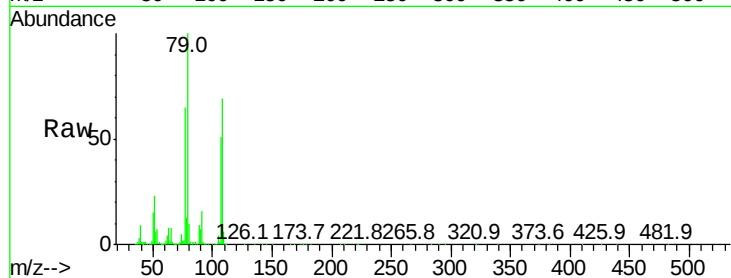
ClientSampleId :

SSTDCCC040EC

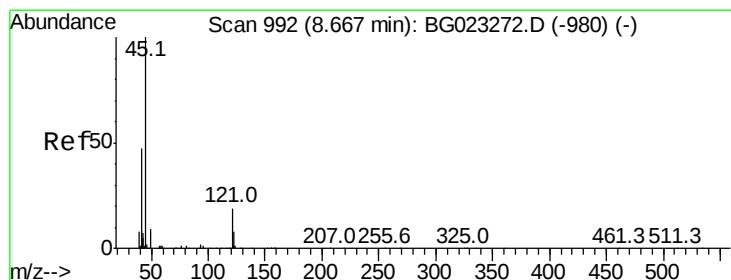
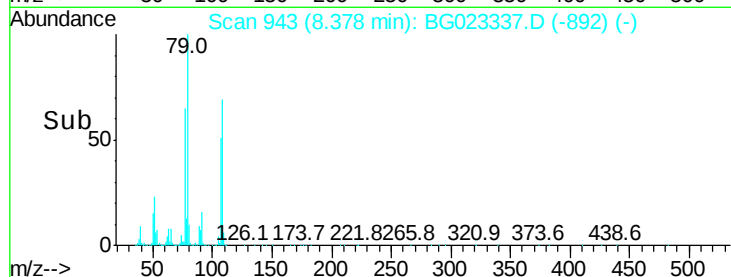
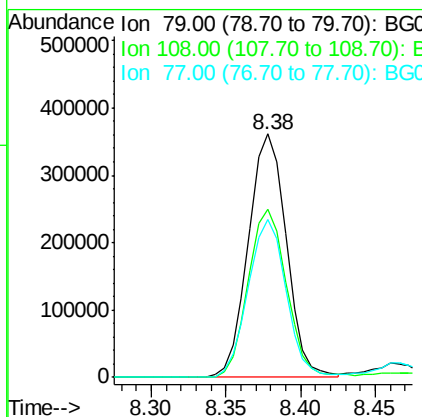
Manual Integrations

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Tot Ion	79	108	77
Resp:	635378		
Ratio	100	68.9	64.6
Lower		46.5	52.3
Upper		69.7	78.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.48 ng

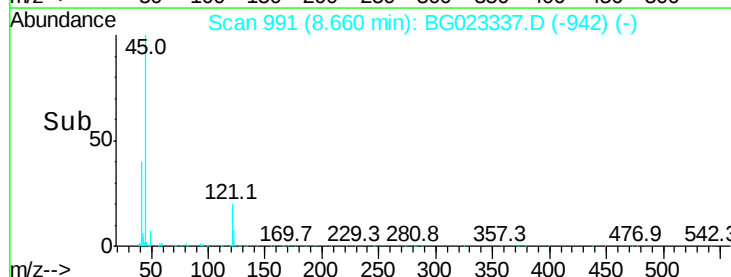
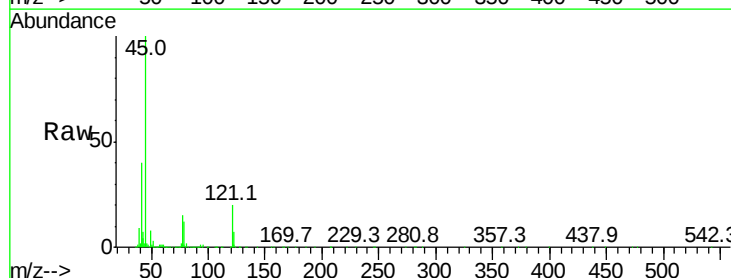
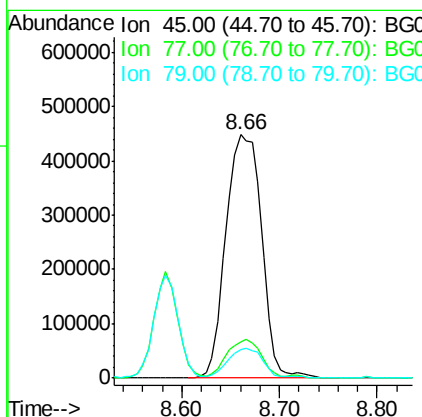
RT: 8.66 min Scan# 991

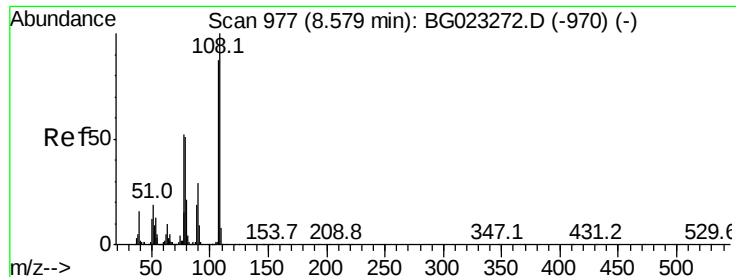
Delta R.T. -0.01 min

Lab File: BG023337.D

Acq: 29 Jul 2016 13:05

Tgt Ion	45	77	79
Resp:	1134082		
Ratio	100	14.7	11.8
Lower		0.6	0.0
Upper		40.6	36.2





#17

2-Methylphenol

Concen: 38.62 ng

RT: 8.58 min Scan# 978

Delta R.T. -0.00 min

Lab File: BG023337.D

Acq: 29 Jul 2016 13:05

Instrument :

BNA_G

ClientSampleId :

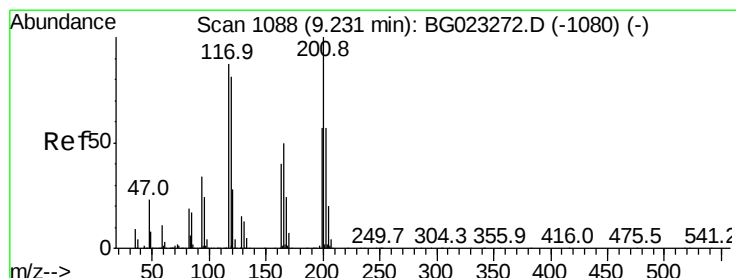
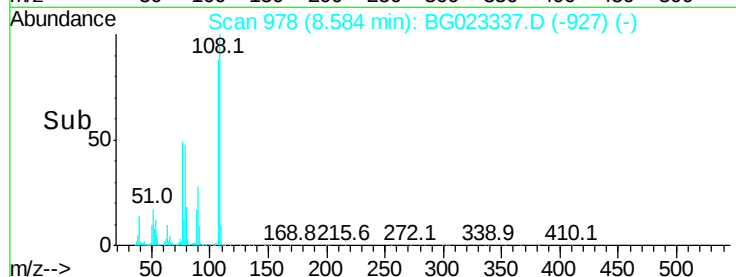
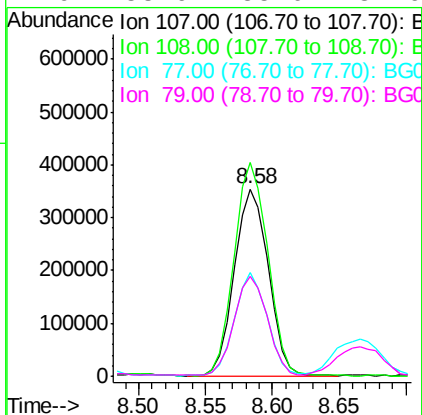
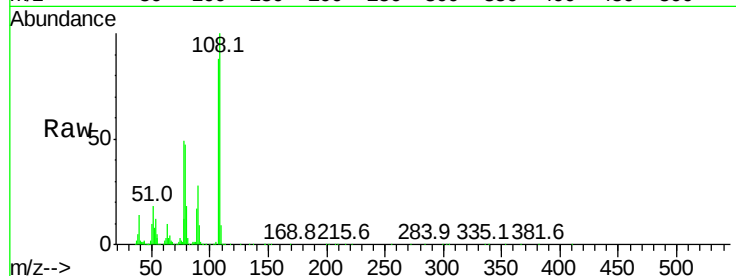
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.1	92.0	138.0	
77	55.5	55.8	83.6#	
79	53.6	55.0	82.6#	

Manual Integrations

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#18

Hexachloroethane

Concen: 36.32 ng

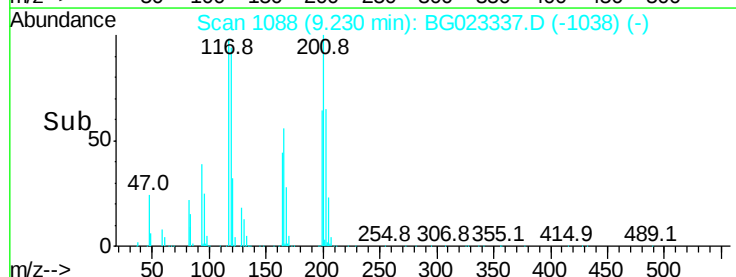
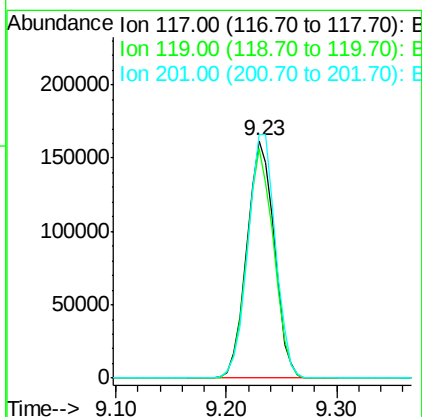
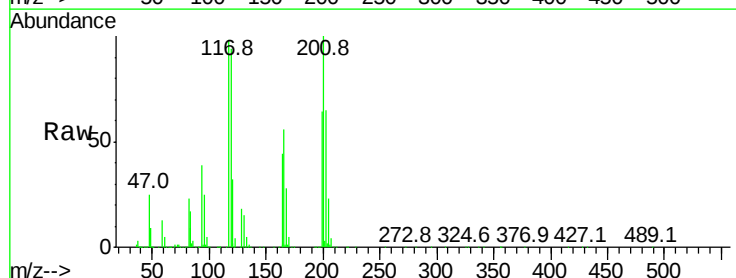
RT: 9.23 min Scan# 1088

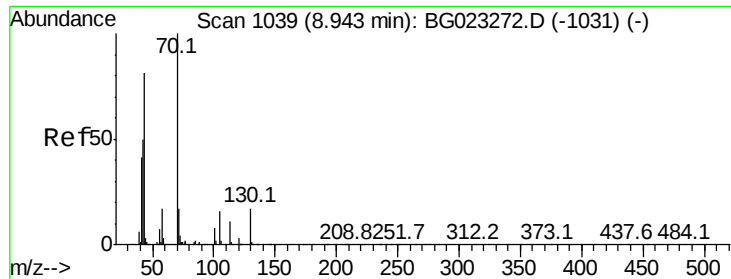
Delta R.T. -0.01 min

Lab File: BG023337.D

Acq: 29 Jul 2016 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.7	73.7	110.5	
201	102.4	88.7	133.1	





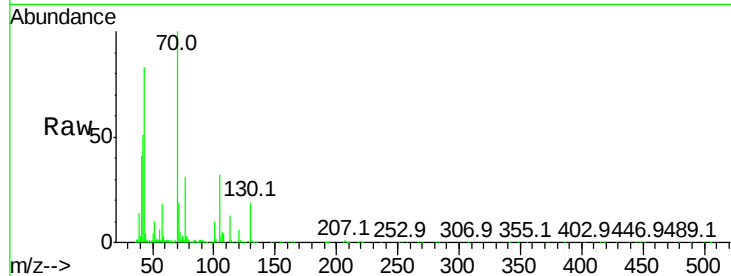
#19
n-Nitroso-di-n-propylamine
Concen: 34.80 ng
RT: 8.95 min Scan# 1040
Delta R.T. 0.01 min
Lab File: BG023337.D
Acq: 29 Jul 2016 13:05

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	51.0	42.1	63.1	
101	9.6	7.2	10.8	
130	19.5	14.2	21.2	

Manual Integrations

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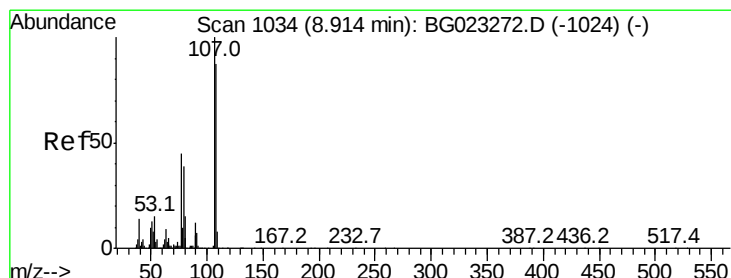
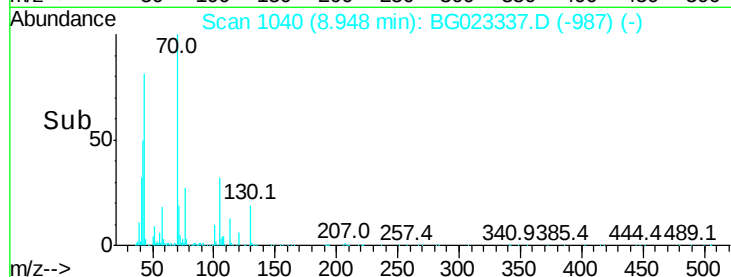
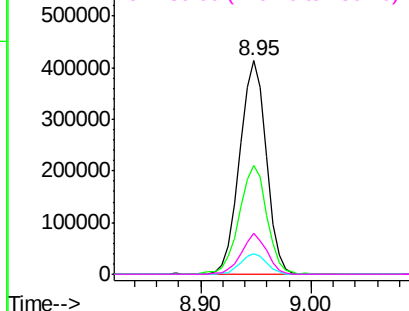
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 40.51 ng
RT: 8.92 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BG023337.D
Acq: 29 Jul 2016 13:05

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.9	72.5	112.5	
77	38.4	30.1	70.1	
79	32.5	24.2	64.2	

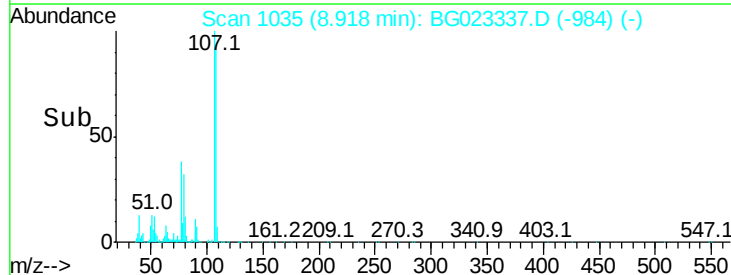
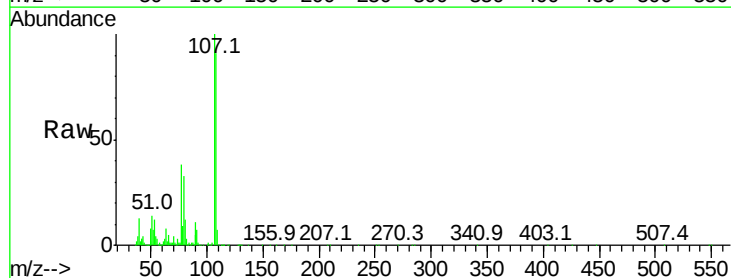
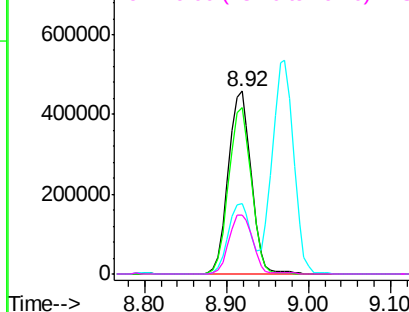
Abundance

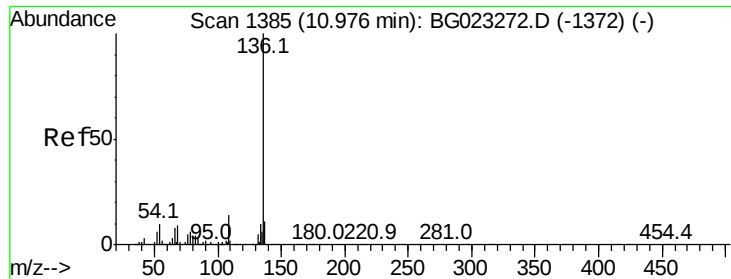
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.97 min Scan# 1385
Delta R.T. -0.00 min
Lab File: BG023337.D
Acq: 29 Jul 2016 13:05

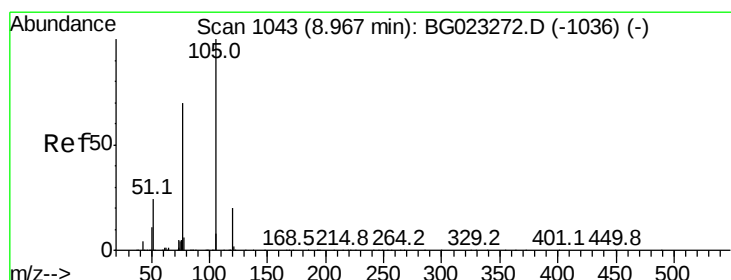
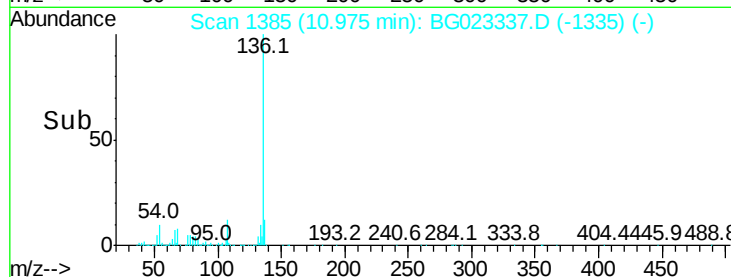
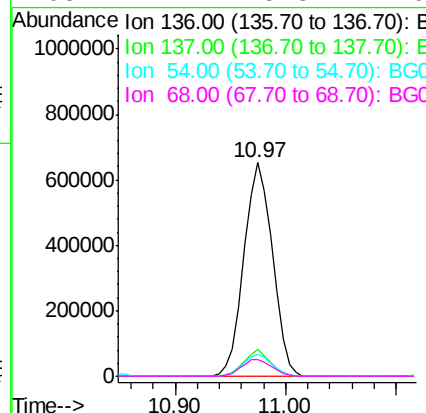
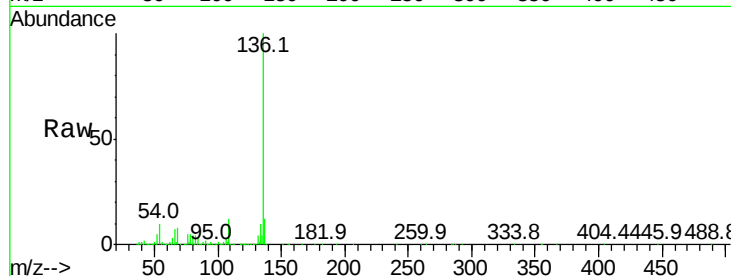
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion:136 Resp: 1189841

Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.6	14.4
54	10.3	7.3	10.9
68	7.7	5.3	7.9

Manual Integrations

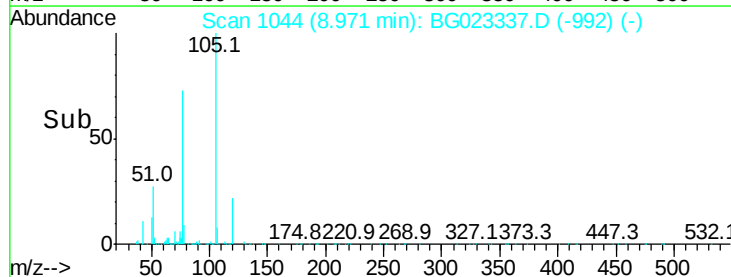
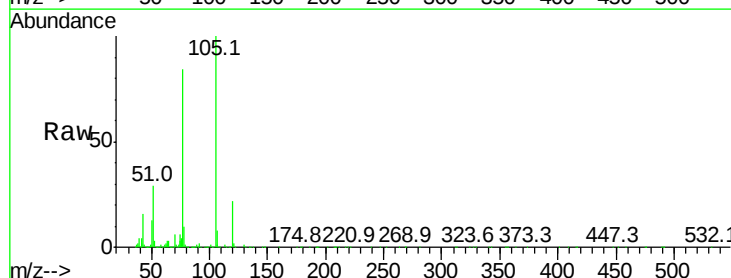
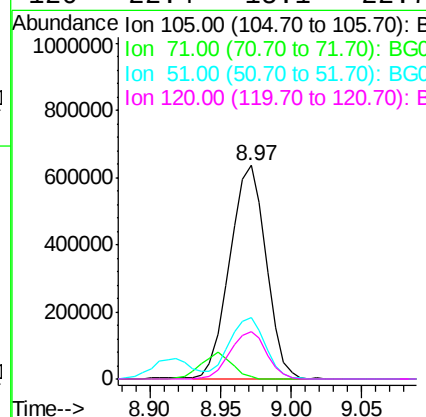
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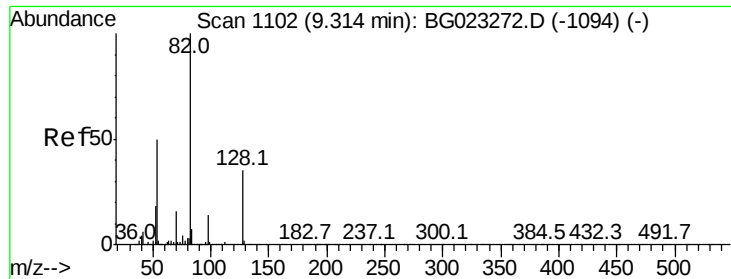


#22
Acetophenone
Concen: 36.59 ng
RT: 8.97 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BG023337.D
Acq: 29 Jul 2016 13:05

Tgt Ion:105 Resp: 1136604

Ion	Ratio	Lower	Upper
105	100		
71	1.0	2.6	3.8#
51	28.6	27.1	40.7
120	22.4	15.1	22.7





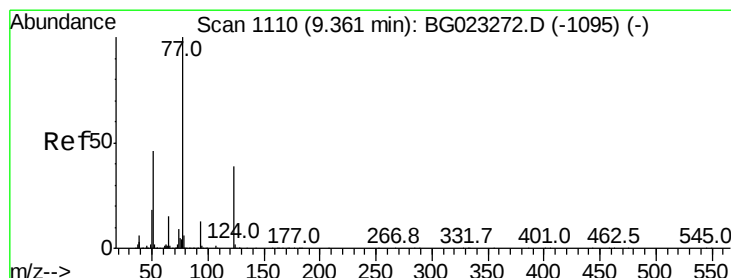
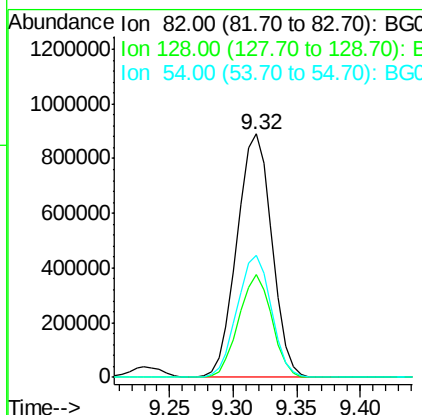
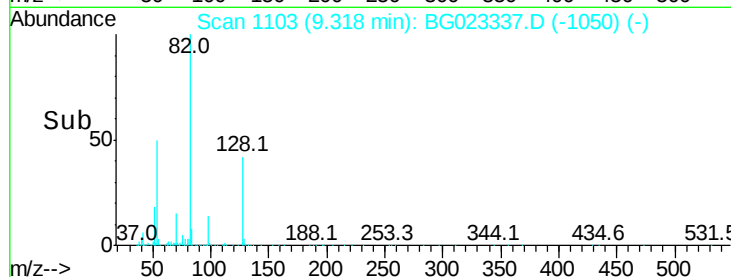
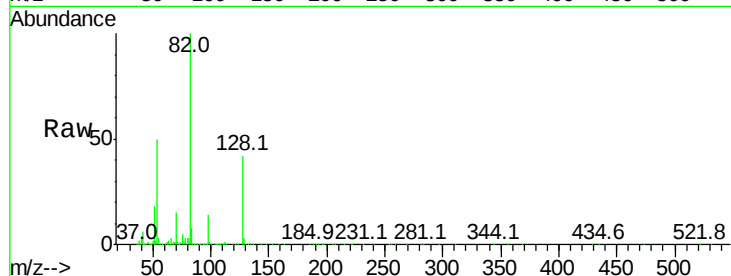
#23
Nitrobenzene-d5
Concen: 69.87 ng
RT: 9.32 min Scan# 1103
Delta R.T. 0.01 min
Lab File: BG023337.D
Acq: 29 Jul 2016 13:05

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion: 82 Resp: 1700067
Ion Ratio Lower Upper
82 100
128 42.1 24.4 36.6#
54 49.9 41.4 62.0

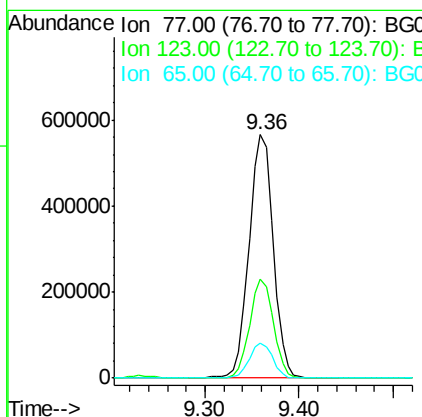
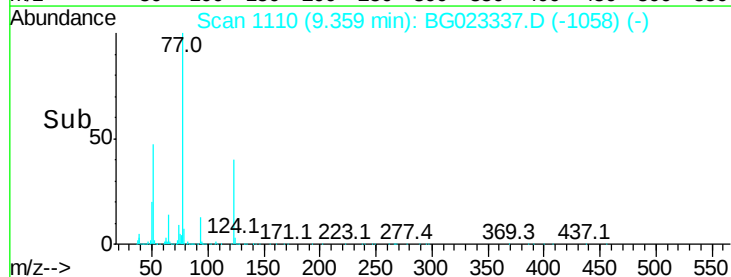
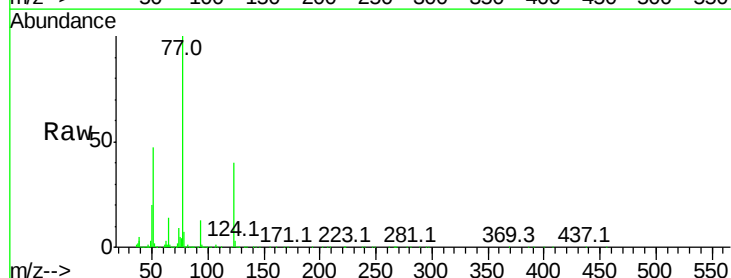
Manual Integrations

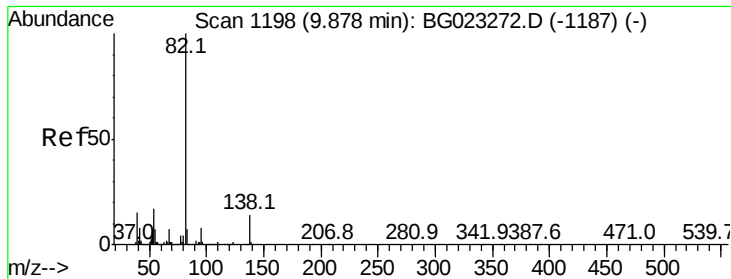
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#24
Nitrobenzene
Concen: 35.69 ng
RT: 9.36 min Scan# 1110
Delta R.T. 0.00 min
Lab File: BG023337.D
Acq: 29 Jul 2016 13:05

Tgt Ion: 77 Resp: 1008365
Ion Ratio Lower Upper
77 100
123 40.5 25.0 37.6#
65 14.1 13.4 20.0





#25

Isophorone

Concen: 36.15 ng

RT: 9.88 min Scan# 1199

Delta R.T. 0.00 min

Lab File: BG023337.D

Acq: 29 Jul 2016 13:05

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion: 82 Resp: 1816496

Ion Ratio Lower Upper

82 100

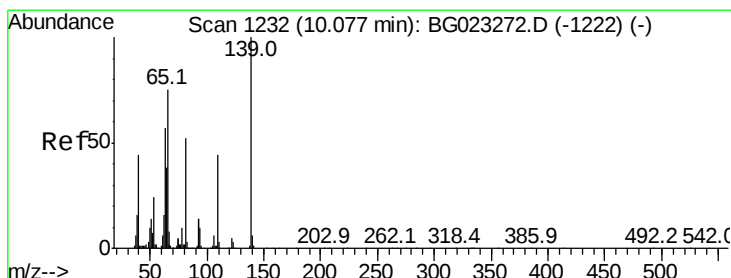
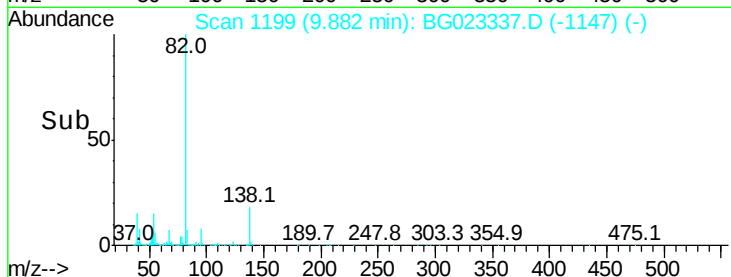
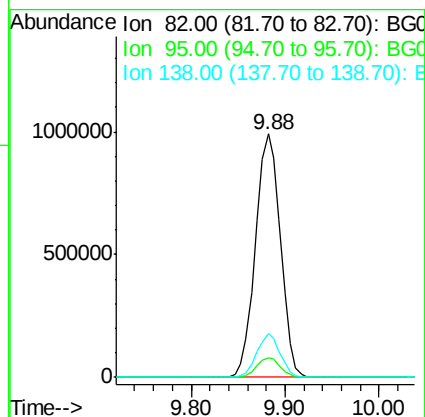
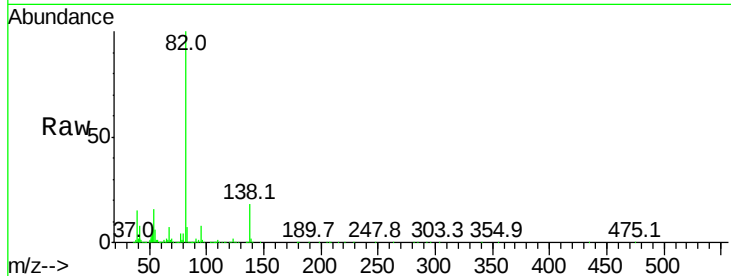
95 7.9 8.2 12.2#

138 18.0 10.7 16.1#

Manual Integrations

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#26

2-Nitrophenol

Concen: 42.02 ng

RT: 10.08 min Scan# 1232

Delta R.T. -0.01 min

Lab File: BG023337.D

Acq: 29 Jul 2016 13:05

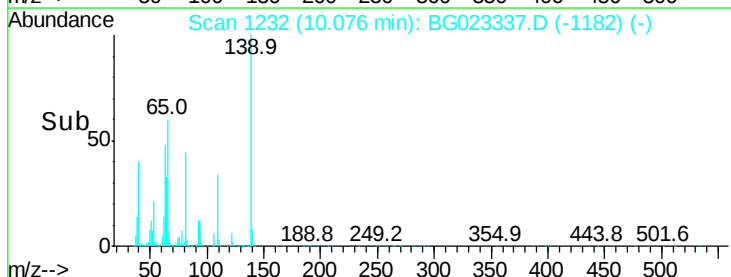
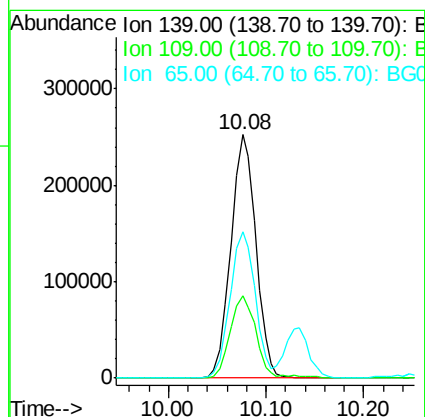
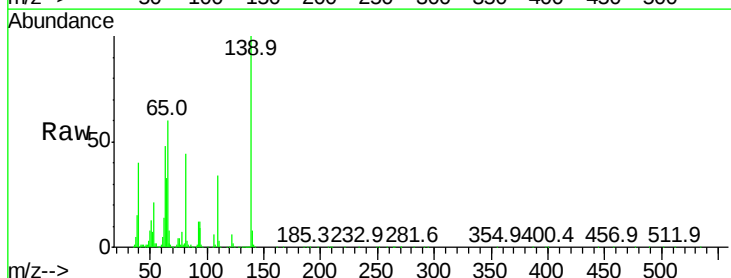
Tgt Ion: 139 Resp: 448452

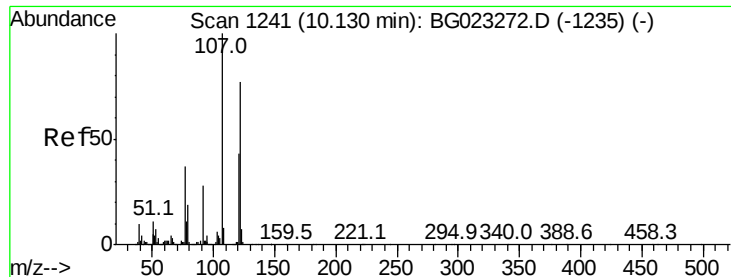
Ion Ratio Lower Upper

139 100

109 33.7 43.5 65.3#

65 60.0 64.3 96.5#





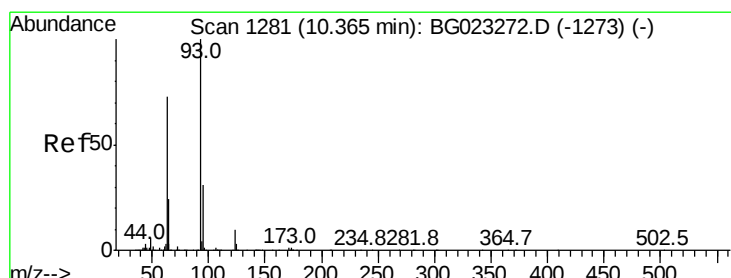
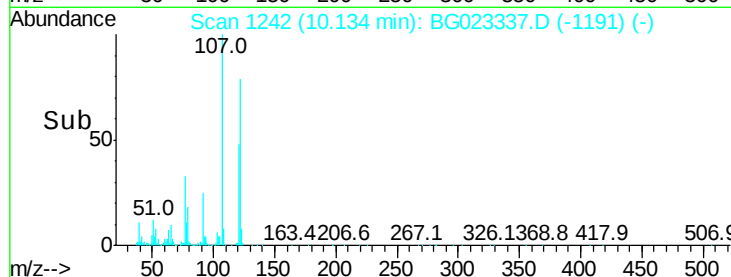
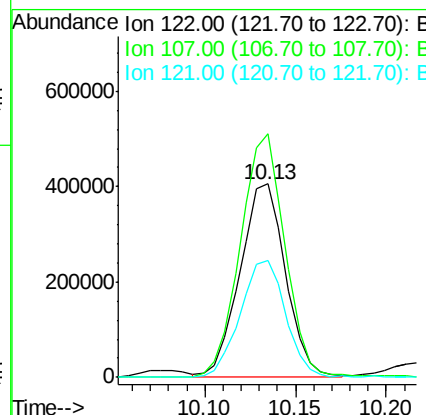
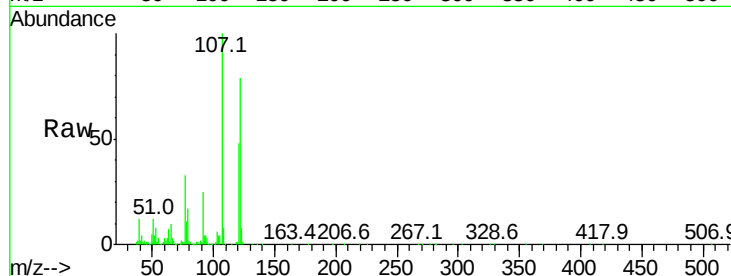
#27
 2,4-Dimethylphenol
 Concen: 39.14 ng
 RT: 10.13 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: BG023337.D
 Acq: 29 Jul 2016 13:05

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
122	100		
107	125.9	117.0	175.4
121	60.7	50.1	75.1

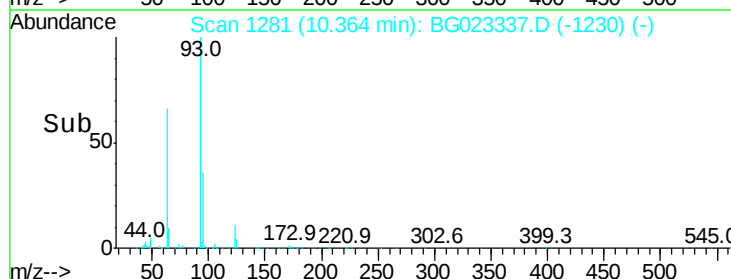
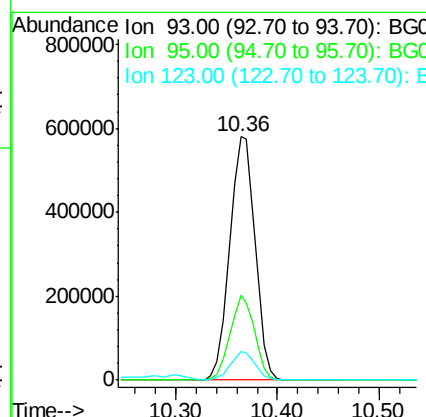
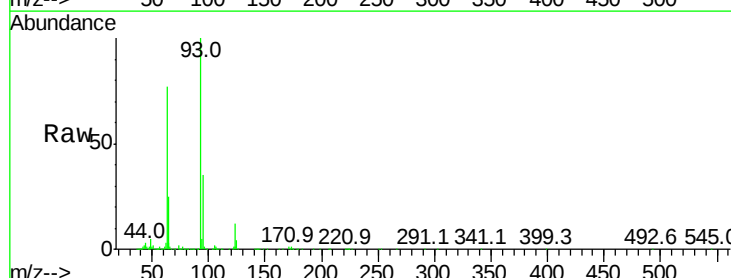
Manual Integrations

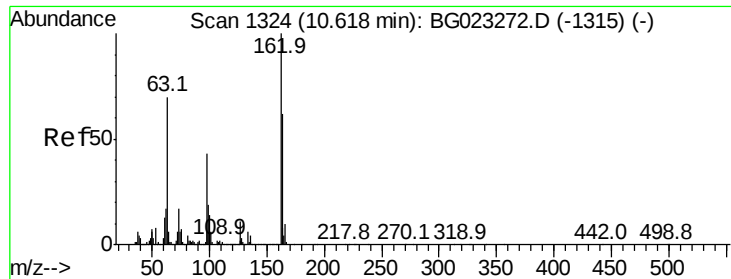
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#28
 bis(2-Chloroethoxy)methane
 Concen: 35.66 ng
 RT: 10.36 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: BG023337.D
 Acq: 29 Jul 2016 13:05

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.6	25.4	38.2
123	11.6	8.2	12.2





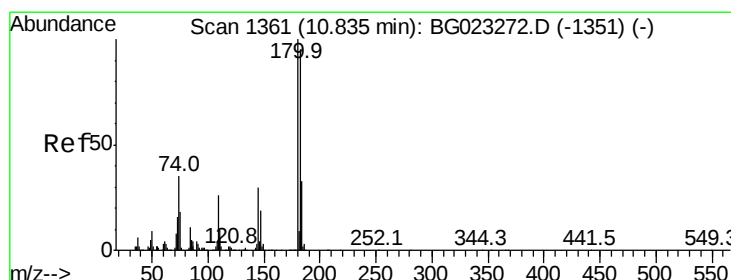
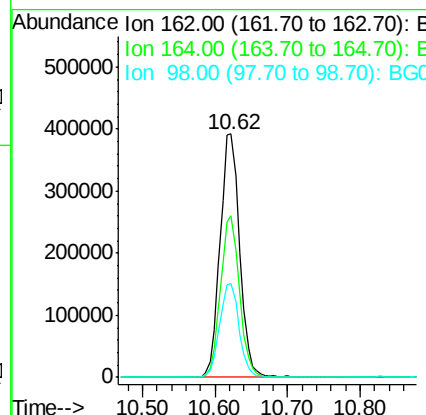
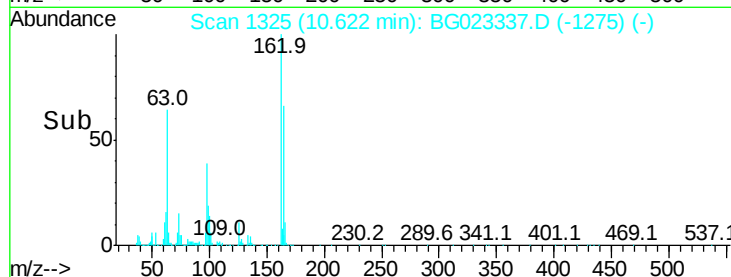
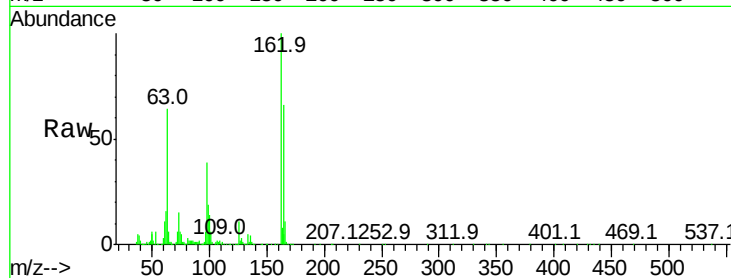
#29
 2,4-Dichlorophenol
 Concen: 42.31 ng
 RT: 10.62 min Scan# 1325
 Delta R.T. -0.00 min
 Lab File: BG023337.D
 Acq: 29 Jul 2016 13:05

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.4	44.3	84.3
98	38.7	19.5	59.5

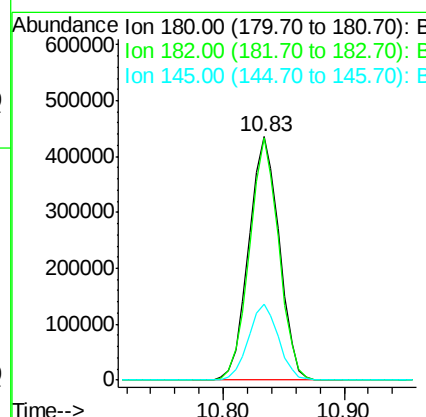
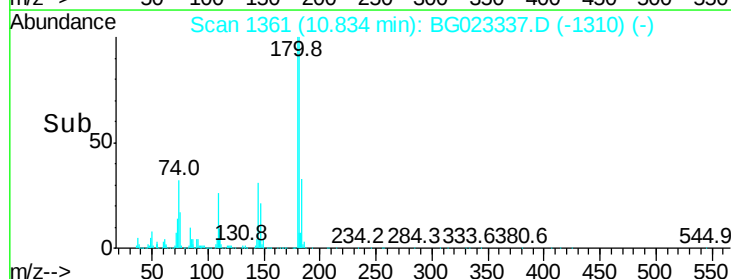
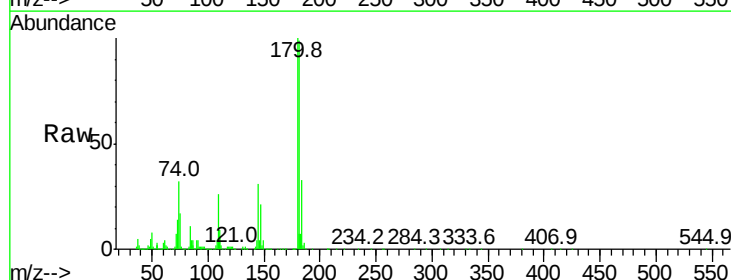
Manual Integrations

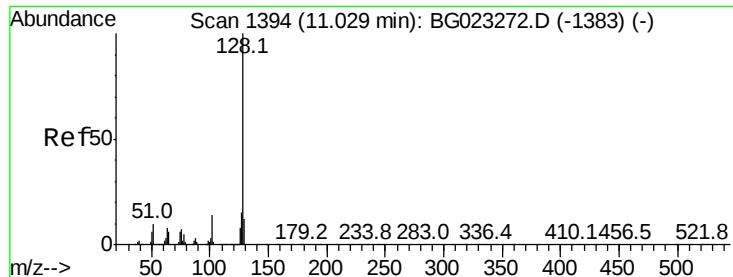
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.83 ng
 RT: 10.83 min Scan# 1361
 Delta R.T. 0.00 min
 Lab File: BG023337.D
 Acq: 29 Jul 2016 13:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.5	73.8	110.8
145	31.0	24.4	36.6





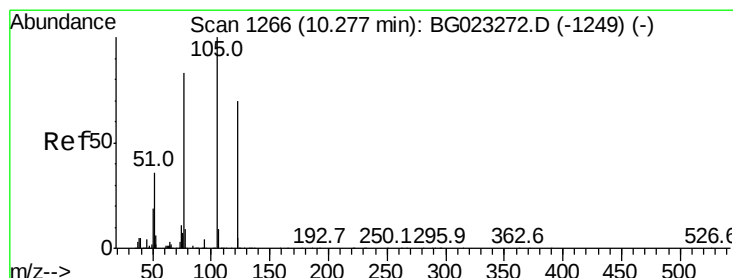
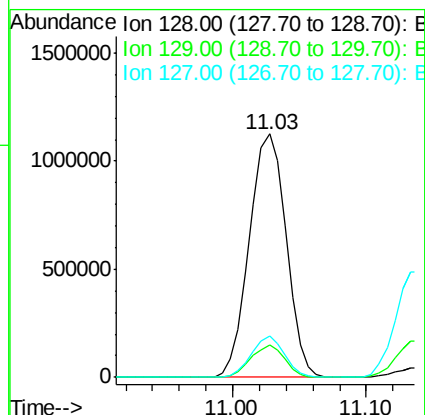
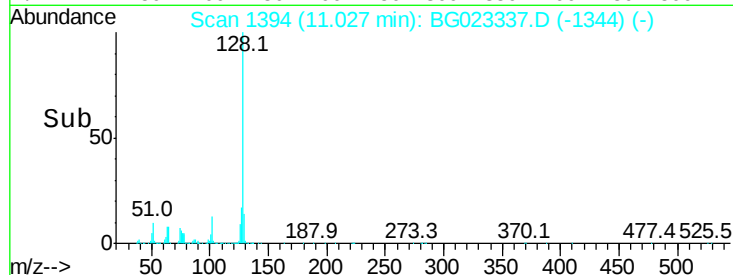
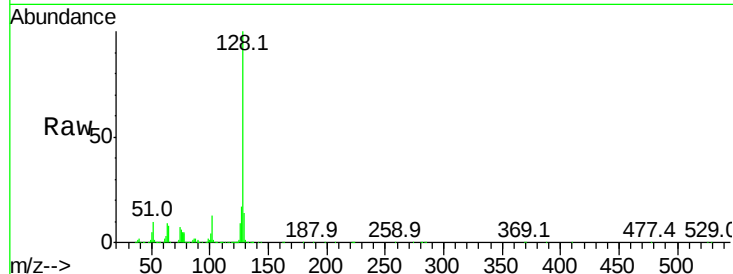
#31
Naphthalene
Concen: 38.83 ng
RT: 11.03 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BG023337.D
Acq: 29 Jul 2016 13:05

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion:128 Resp: 2146908
Ion Ratio Lower Upper
128 100
129 13.5 9.4 14.0
127 16.9 11.3 16.9#

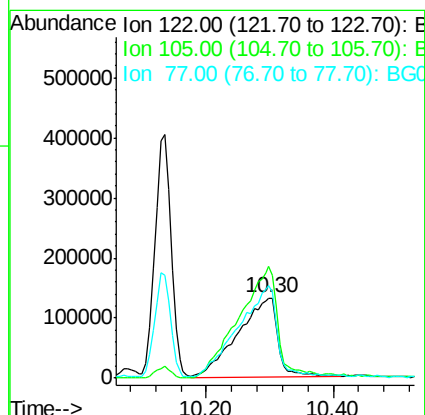
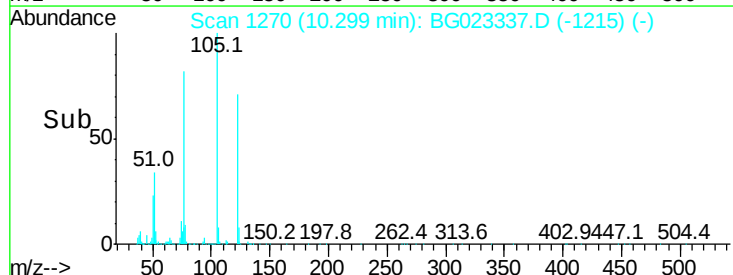
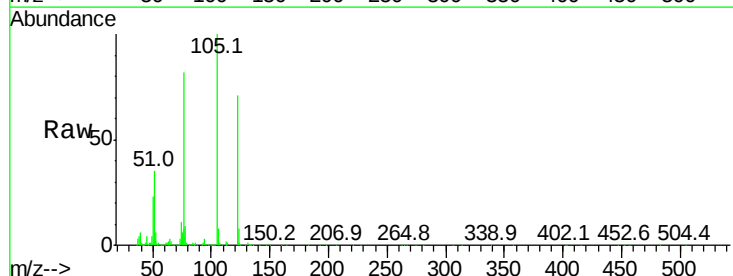
Manual Integrations

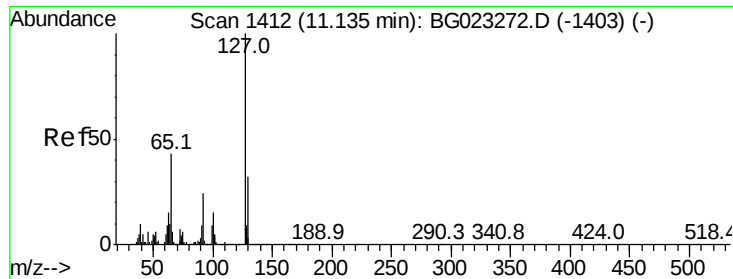
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#32
Benzoic acid
Concen: 41.33 ng
RT: 10.30 min Scan# 1270
Delta R.T. 0.02 min
Lab File: BG023337.D
Acq: 29 Jul 2016 13:05

Tgt Ion:122 Resp: 585424
Ion Ratio Lower Upper
122 100
105 140.0 117.2 157.2
77 115.1 109.2 149.2





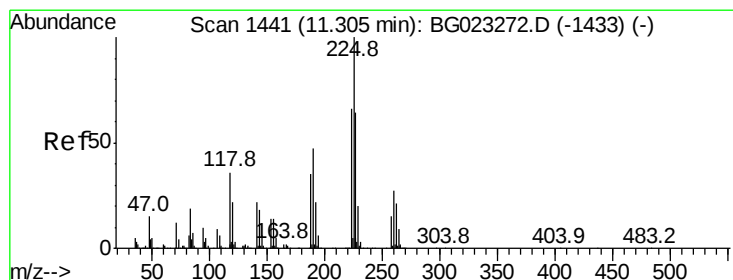
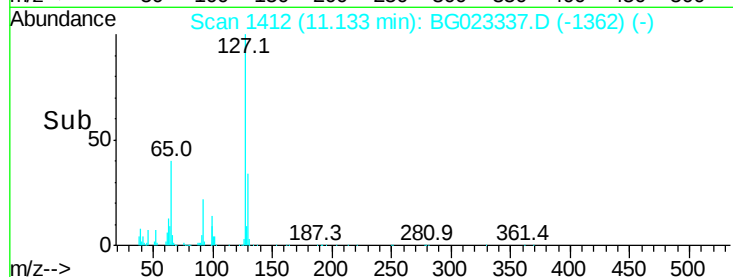
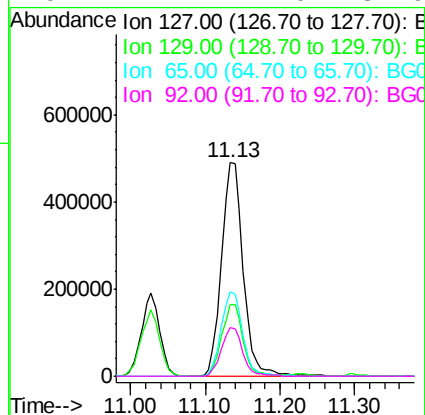
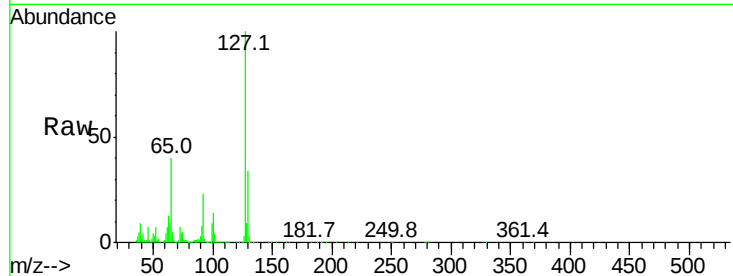
#33
4-Chloroaniline
Concen: 38.60 ng
RT: 11.13 min Scan# 1412
Delta R.T. -0.00 min
Lab File: BG023337.D
Acq: 29 Jul 2016 13:05

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.6	27.9	41.9	
65	39.7	36.8	55.2	
92	22.7	21.0	31.6	

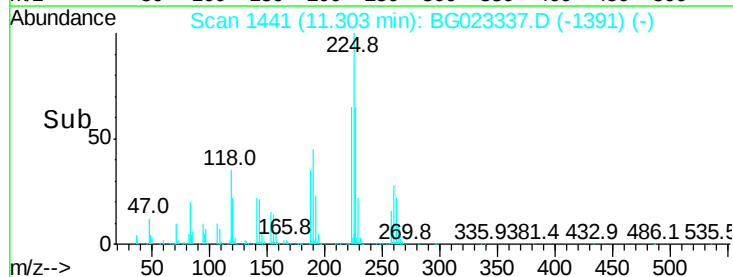
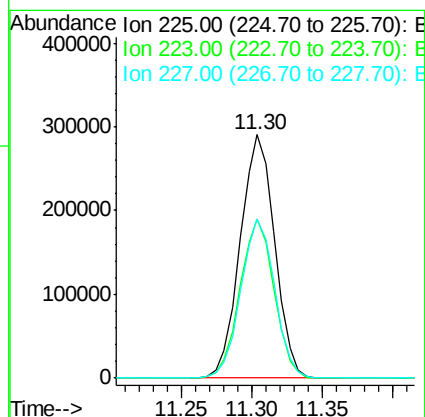
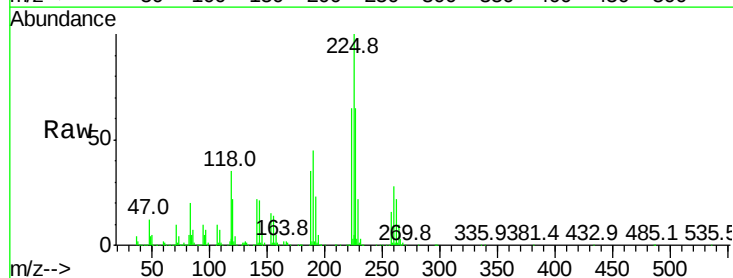
Manual Integrations

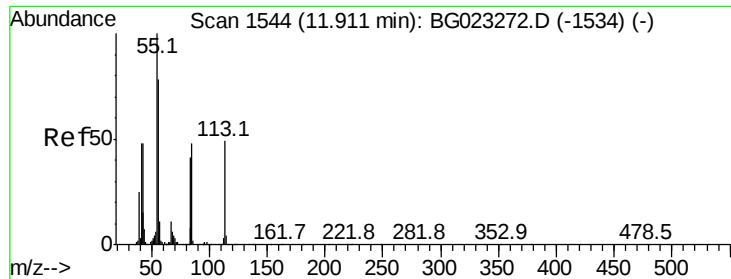
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#34
Hexachlorobutadiene
Concen: 39.30 ng
RT: 11.30 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BG023337.D
Acq: 29 Jul 2016 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	65.2	49.6	74.4	
227	65.4	54.5	81.7	





#35

Caprolactam

Concen: 38.04 ng

RT: 11.93 min Scan# 1548

Delta R.T. 0.04 min

Lab File: BG023337.D

Acq: 29 Jul 2016 13:05

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:113 Resp: 281726

Ion Ratio Lower Upper

113 100

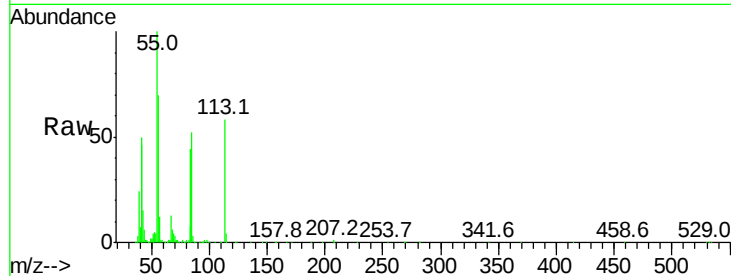
55 171.7 154.5 194.5

56 120.5 125.1 165.1#

Manual Integrations

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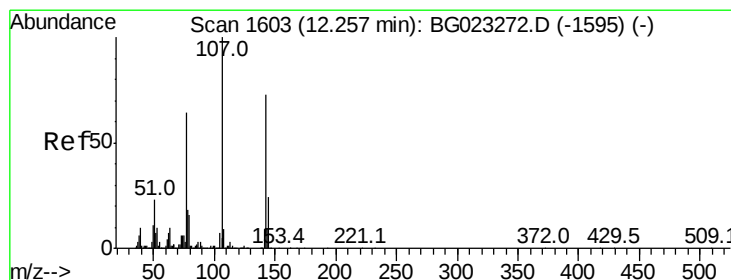
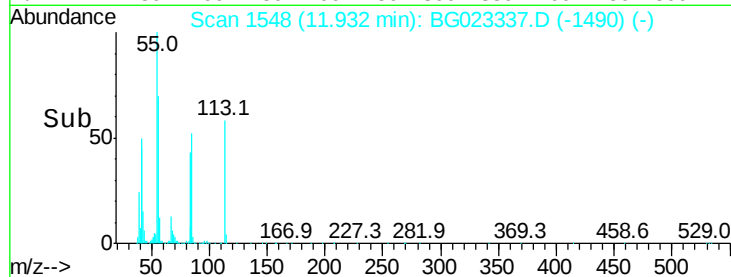
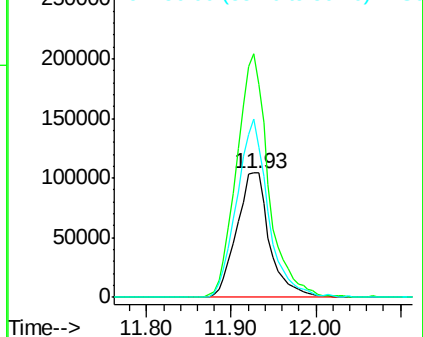
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 39.56 ng

RT: 12.26 min Scan# 1604

Delta R.T. 0.00 min

Lab File: BG023337.D

Acq: 29 Jul 2016 13:05

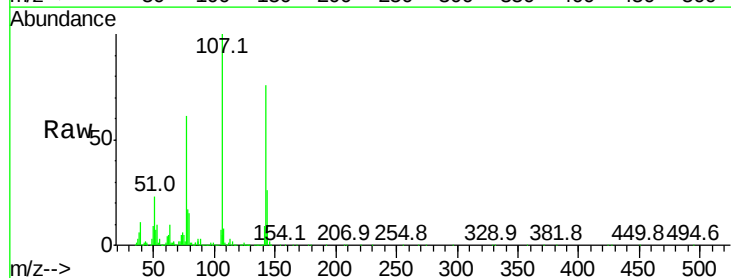
Tgt Ion:107 Resp: 905013

Ion Ratio Lower Upper

107 100

144 25.6 17.0 25.6#

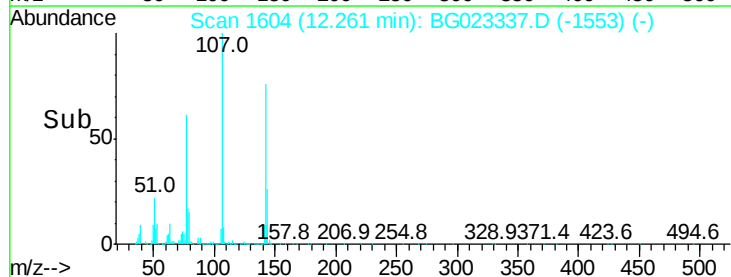
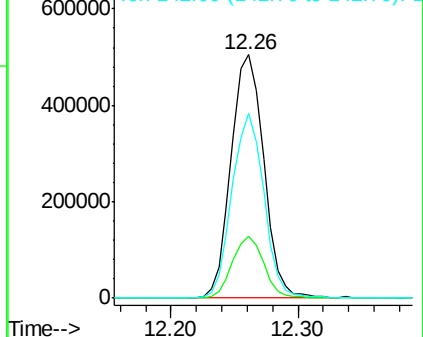
142 75.8 53.0 79.6

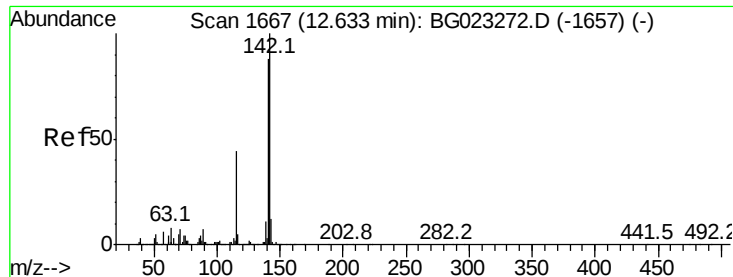


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.46 ng/ml

RT: 12.63 min Scan# 1667

Delta R.T. -0.00 min

Lab File: BG023337.D

Acq: 29 Jul 2016 13:05

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:142 Resp: 1617691

Ion Ratio Lower Upper

142 100

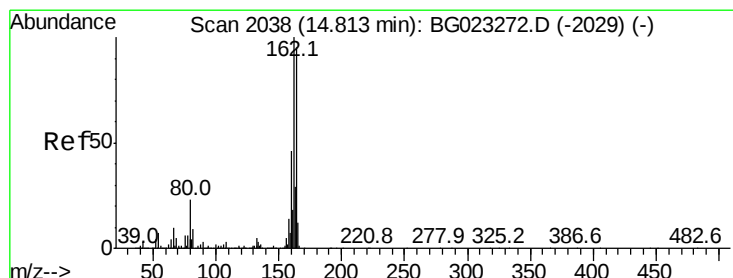
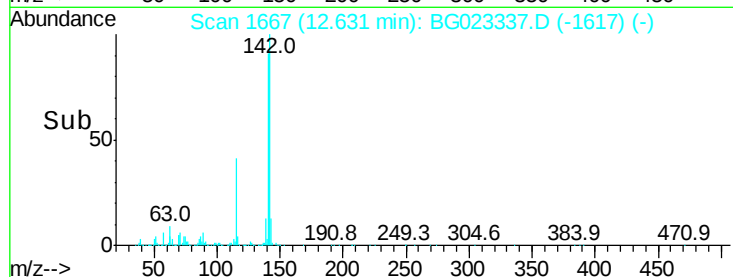
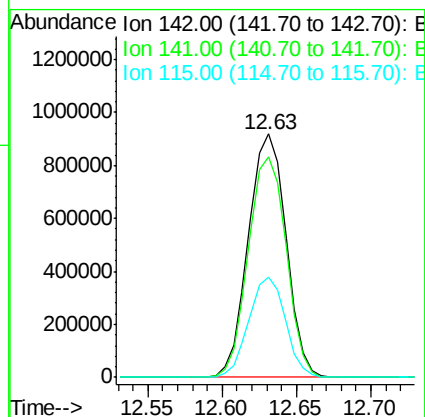
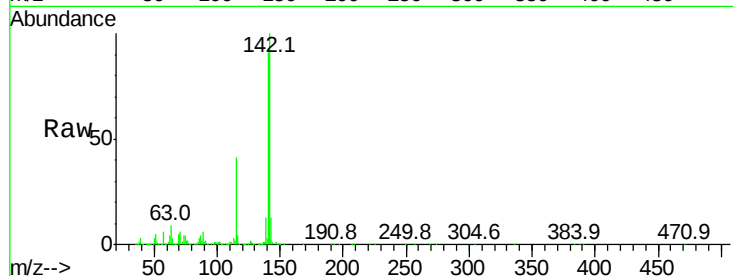
141 90.8 70.2 105.2

115 41.3 41.7 62.5#

Manual Integrations

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#38

Acenaphthene-d10

Concen: 20.00 ng/ml

RT: 14.81 min Scan# 2038

Delta R.T. 0.00 min

Lab File: BG023337.D

Acq: 29 Jul 2016 13:05

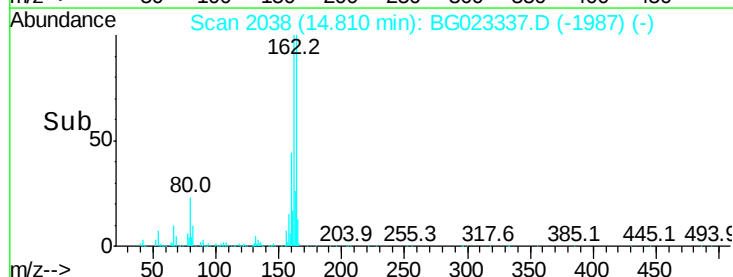
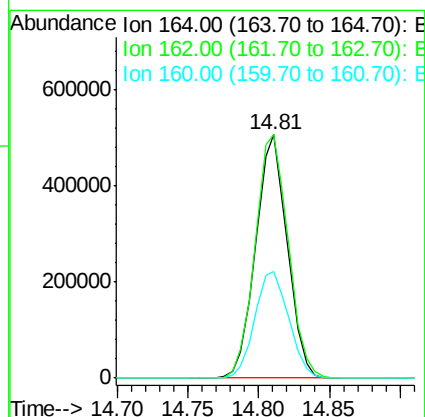
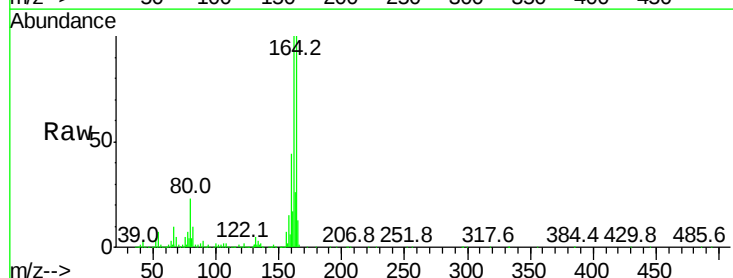
Tgt Ion:164 Resp: 796388

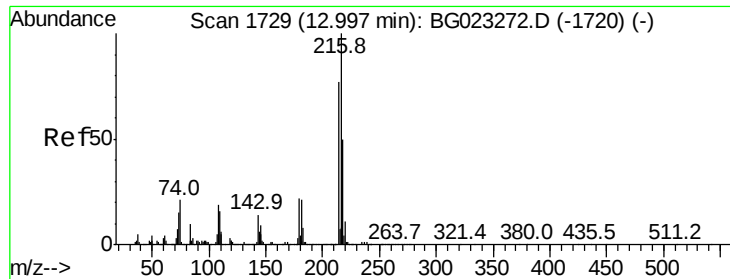
Ion Ratio Lower Upper

164 100

162 100.0 87.7 131.5

160 43.8 37.2 55.8





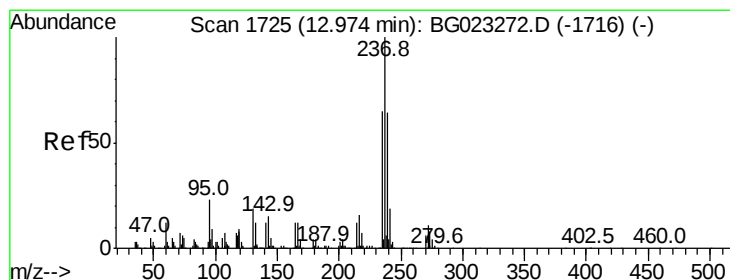
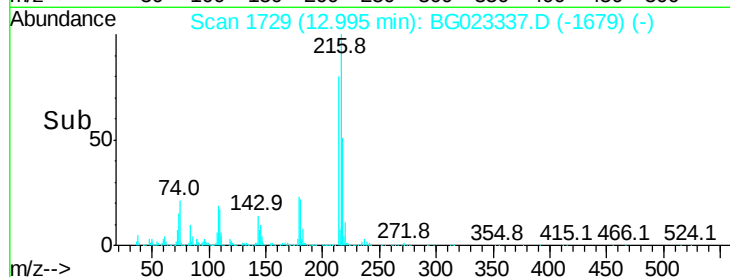
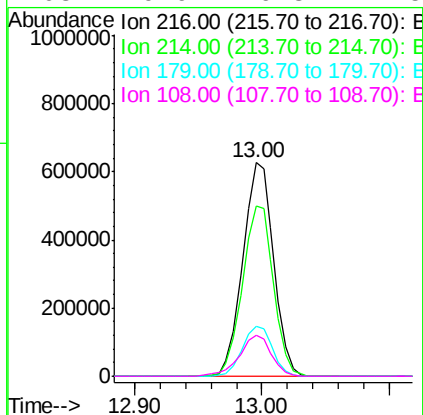
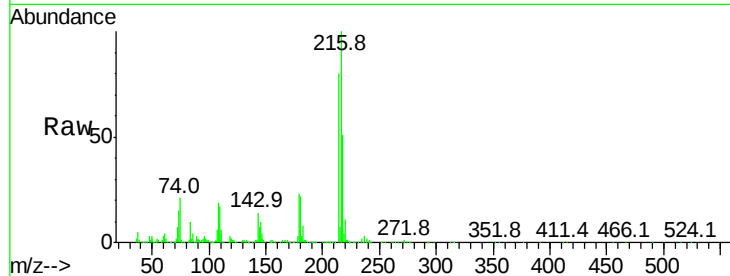
#39
1,2,4,5-Tetrachlorobenzene
Concen: 40.79 ng
RT: 13.00 min Scan# 1729
Delta R.T. -0.00 min
Lab File: BG023337.D
Acq: 29 Jul 2016 13:05

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion:	216	Resp:	1051594
Ion	Ratio	Lower	Upper
216	100		
214	80.2	62.9	94.3
179	22.9	17.2	25.8
108	19.9	16.3	24.5

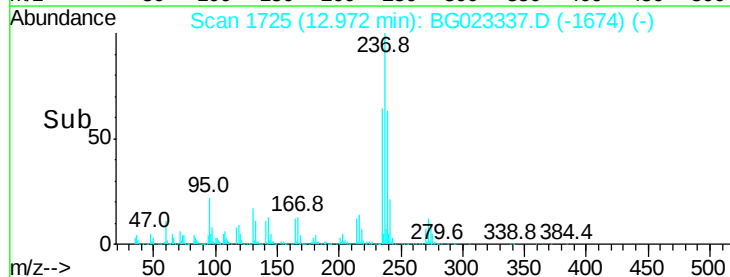
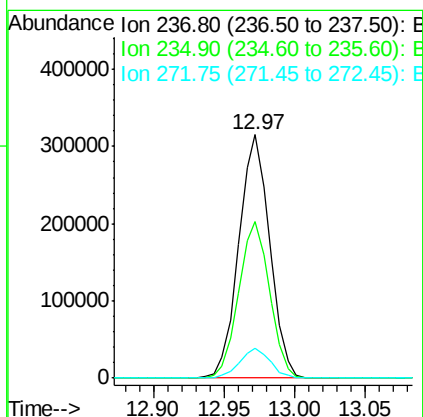
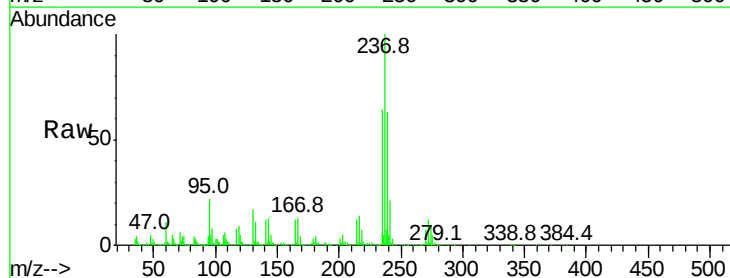
Manual Integrations

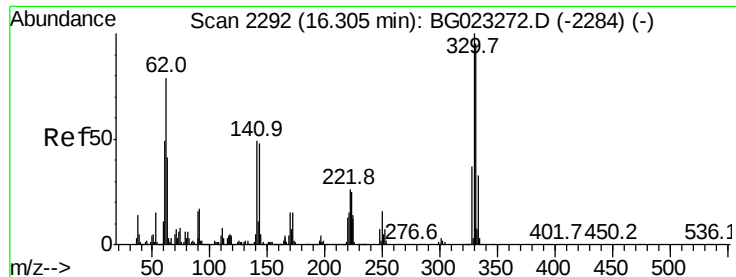
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#40
Hexachlorocyclopentadiene
Concen: 39.35 ng
RT: 12.97 min Scan# 1725
Delta R.T. -0.00 min
Lab File: BG023337.D
Acq: 29 Jul 2016 13:05

Tgt Ion:	237	Resp:	480753
Ion	Ratio	Lower	Upper
237	100		
235	64.4	43.1	83.1
272	12.2	0.0	30.9





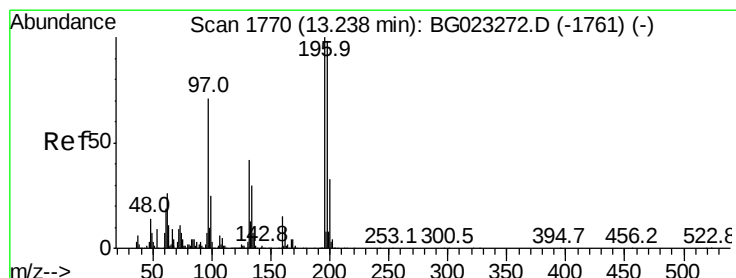
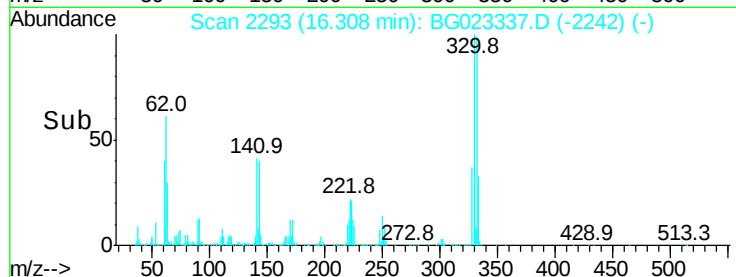
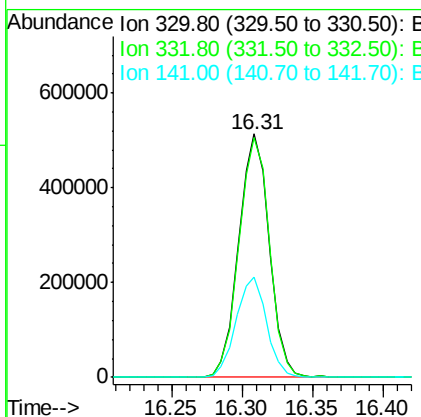
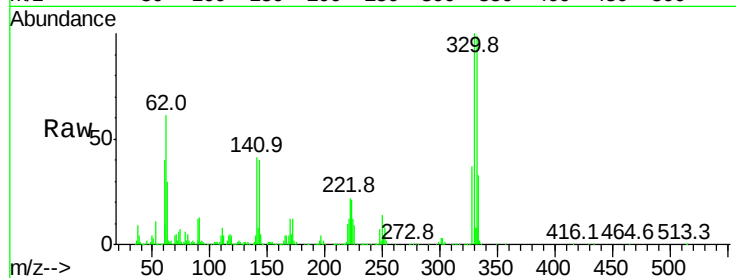
#41
 2,4,6-Tribromophenol
 Concen: 93.88 ng
 RT: 16.31 min Scan# 2293
 Delta R.T. 0.00 min
 Lab File: BG023337.D
 Acq: 29 Jul 2016 13:05

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.4	77.4	116.2
141	41.2	31.7	47.5

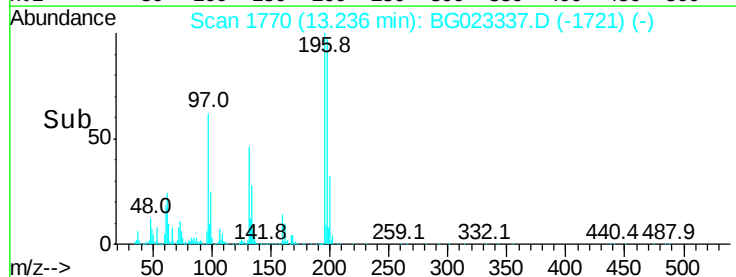
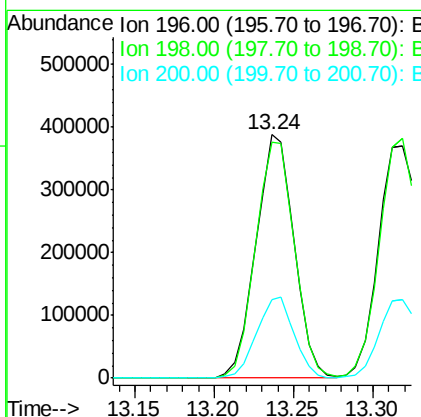
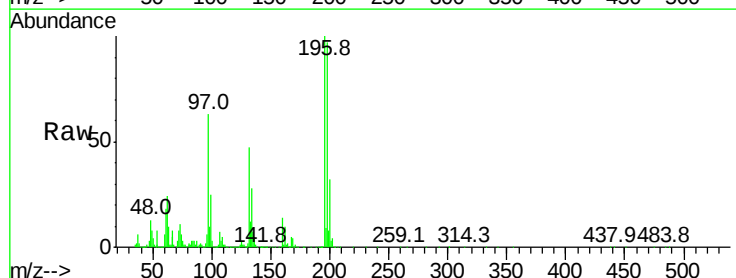
Manual Integrations

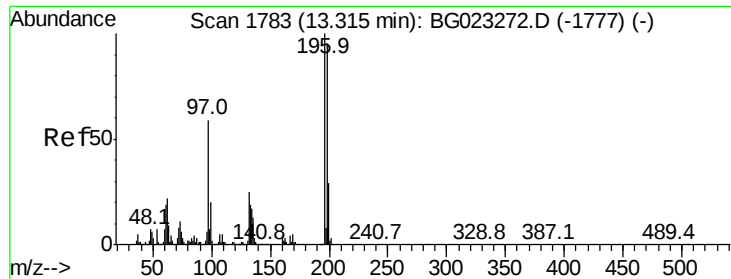
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#42
 2,4,6-Trichlorophenol
 Concen: 42.95 ng
 RT: 13.24 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: BG023337.D
 Acq: 29 Jul 2016 13:05

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.0	78.2	117.2
200	32.4	27.0	40.4





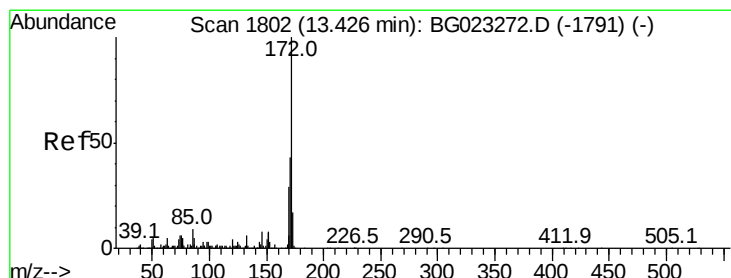
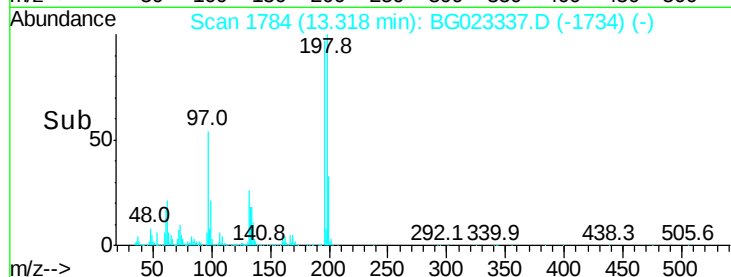
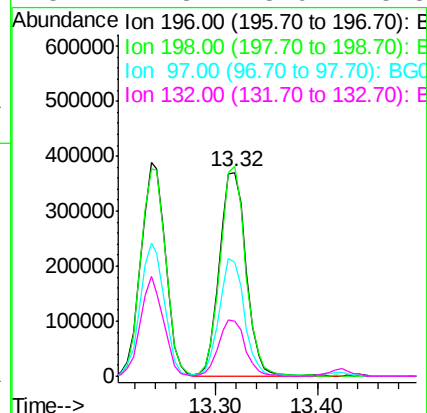
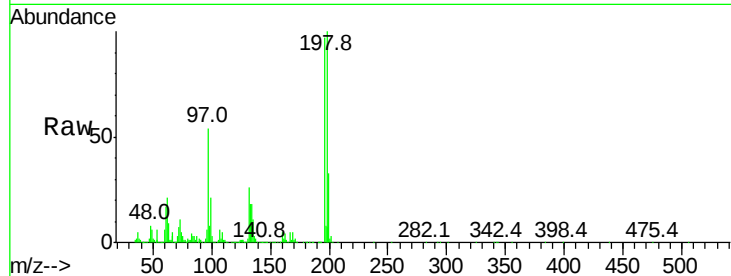
#43
 2,4,5-Trichlorophenol
 Concen: 42.12 ng
 RT: 13.32 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: BG023337.D
 Acq: 29 Jul 2016 13:05

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
196	100		
198	103.2	85.7	128.5
97	56.1	45.5	68.3
132	27.3	18.9	28.3

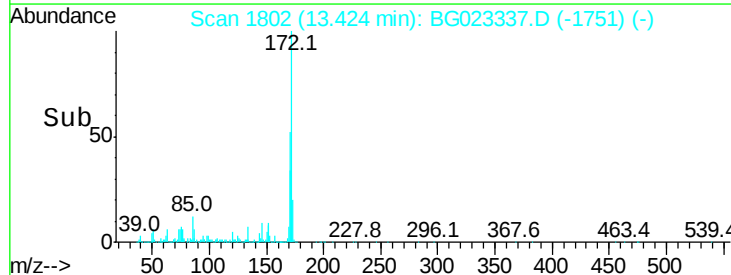
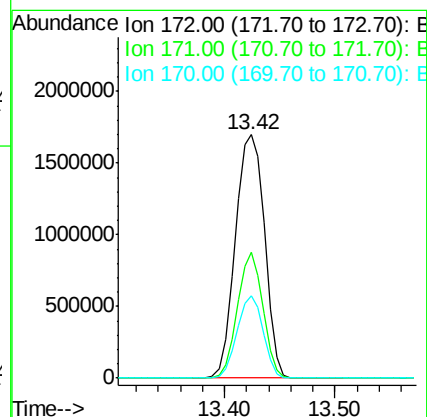
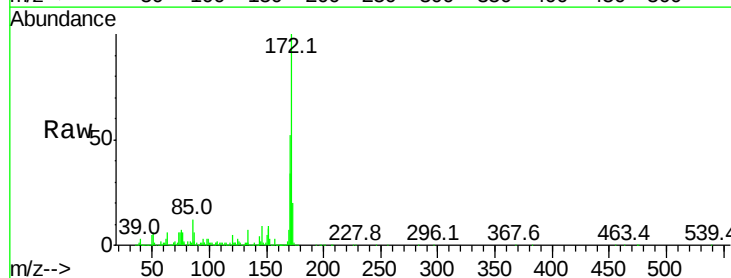
Manual Integrations

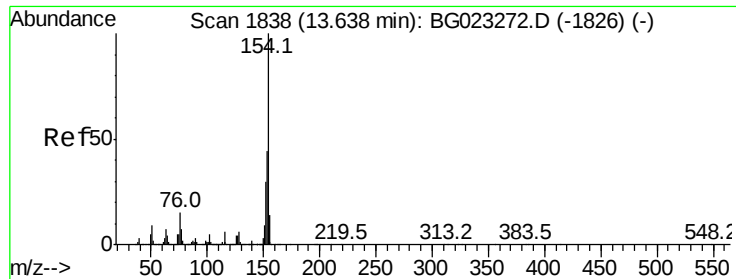
umangi
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#44
 2-Fluorobiphenyl
 Concen: 74.10 ng
 RT: 13.42 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: BG023337.D
 Acq: 29 Jul 2016 13:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	51.5	31.6	47.4#
170	34.1	21.3	31.9#





#45

1,1'-Biphenyl

Concen: 39.35 ng

RT: 13.64 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BG023337.D

Acq: 29 Jul 2016 13:05

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:154 Resp: 2185502

Ion Ratio Lower Upper

154 100

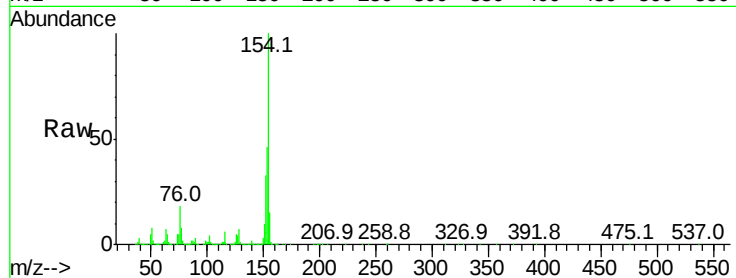
153 46.4 20.2 60.2

76 17.5 0.0 32.9

Manual Integrations

umangi

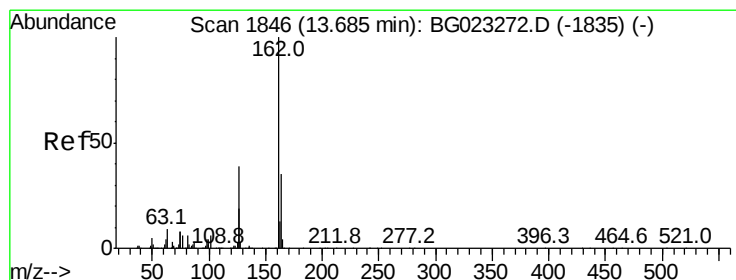
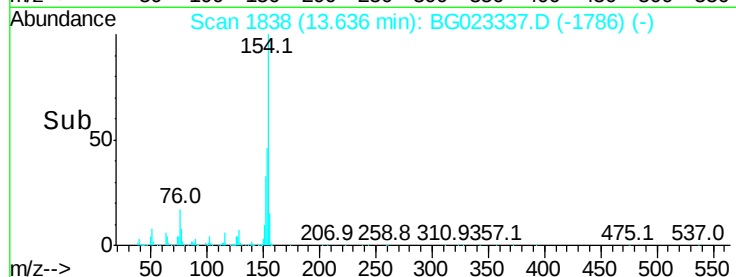
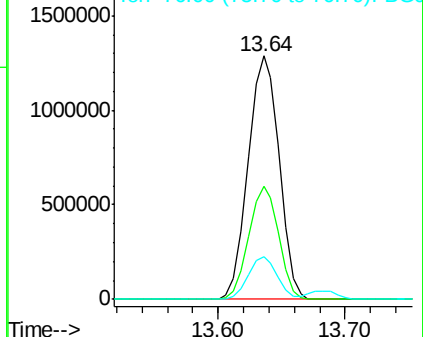
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 38.37 ng

RT: 13.68 min Scan# 1846

Delta R.T. 0.00 min

Lab File: BG023337.D

Acq: 29 Jul 2016 13:05

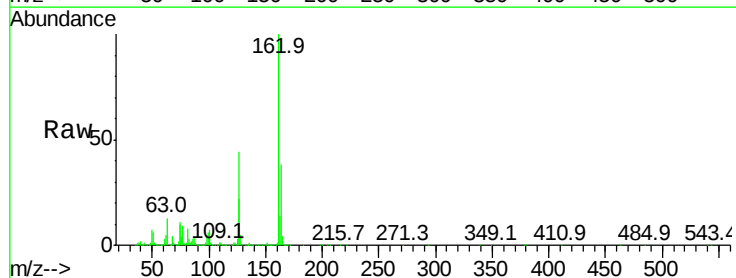
Tgt Ion:162 Resp: 1707911

Ion Ratio Lower Upper

162 100

127 43.9 32.4 48.6

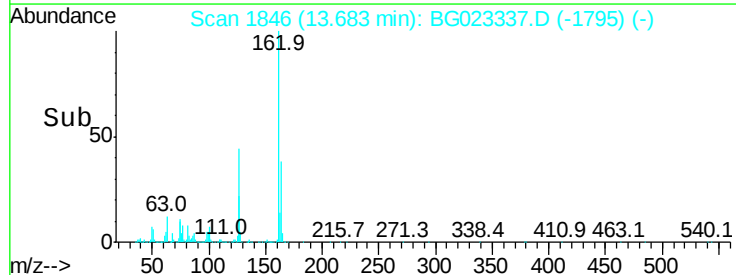
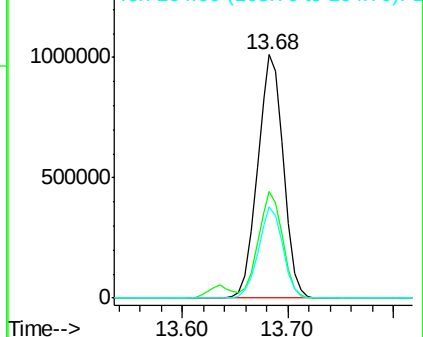
164 37.7 25.2 37.8

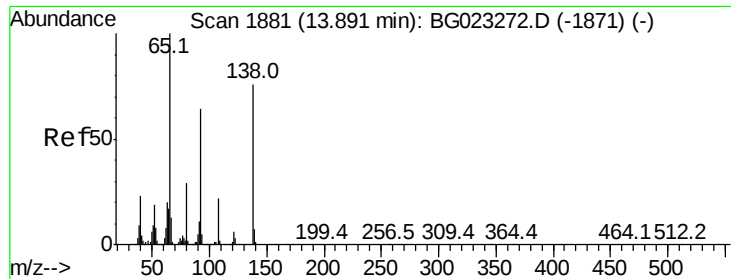


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





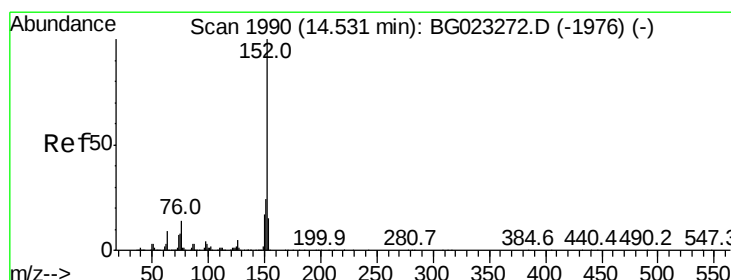
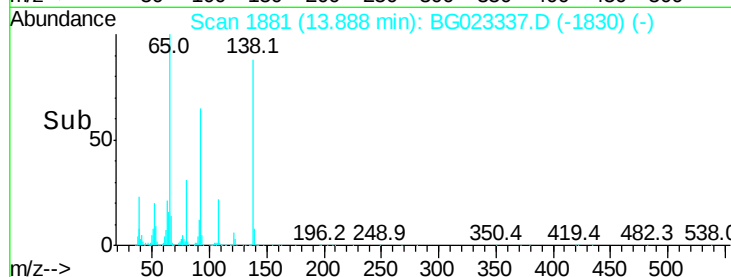
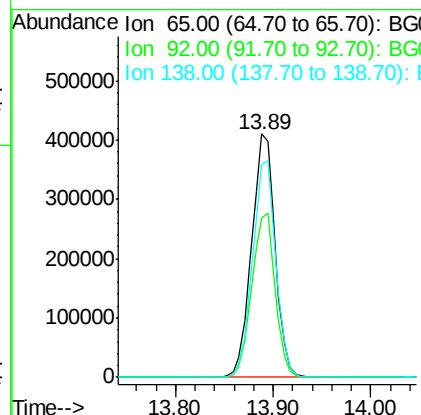
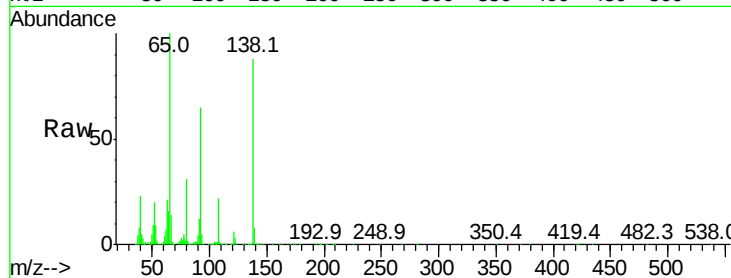
#47
2-Nitroaniline
Concen: 36.68 ng
RT: 13.89 min Scan# 1881
Delta R.T. 0.00 min
Lab File: BG023337.D
Acq: 29 Jul 2016 13:05

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
65	100		
92	65.4	49.4	74.0
138	87.7	58.0	87.0#

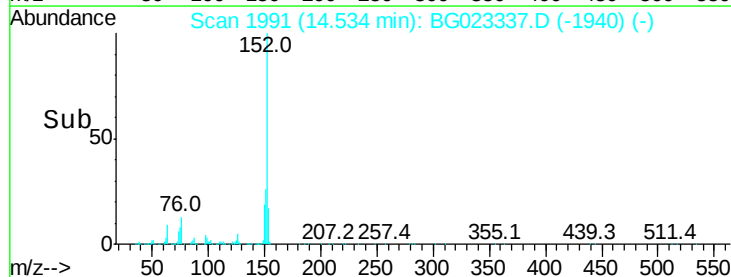
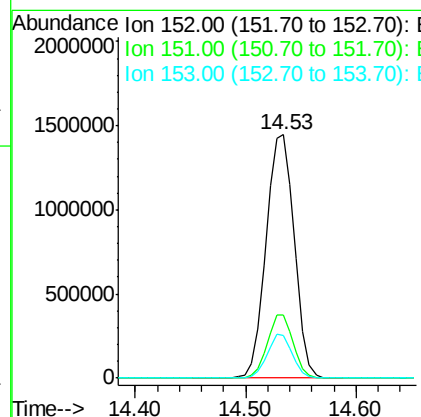
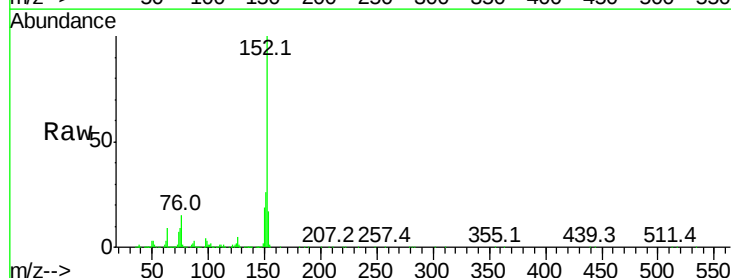
Manual Integrations

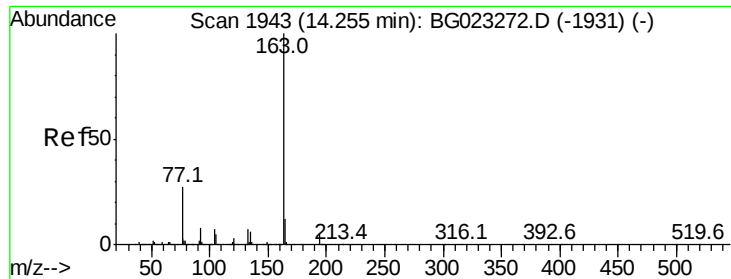
umangi
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#48
Acenaphthylene
Concen: 37.94 ng
RT: 14.53 min Scan# 1991
Delta R.T. 0.00 min
Lab File: BG023337.D
Acq: 29 Jul 2016 13:05

Tgt Ion	Ratio	Lower	Upper
152	100		
151	26.1	17.6	26.4
153	17.4	11.4	17.2#





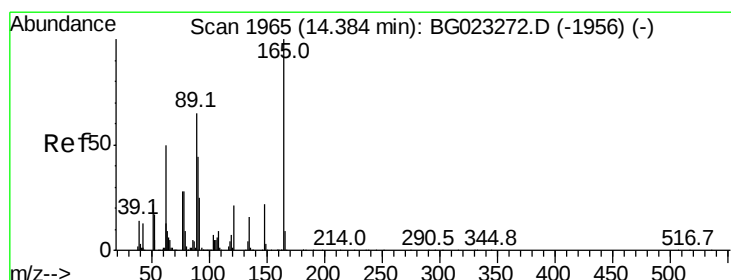
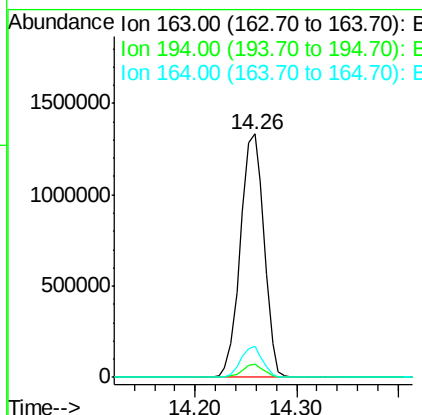
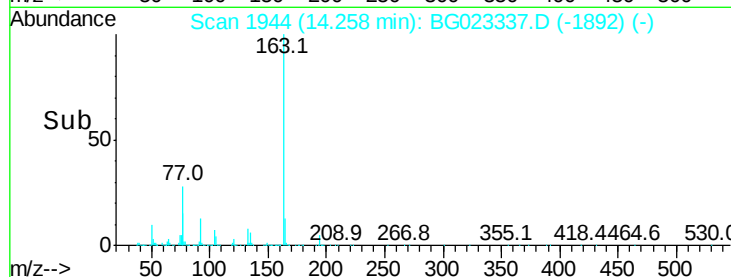
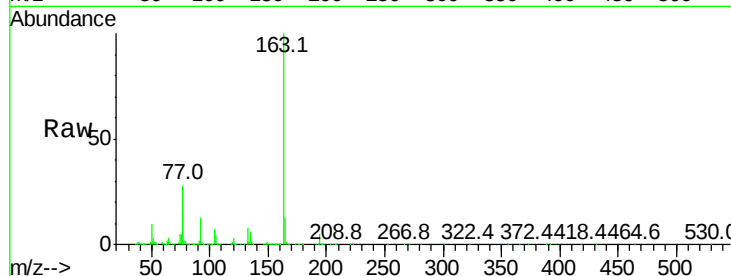
#49
Dimethylphthalate
Concen: 36.62 ng
RT: 14.26 min Scan# 1944
Delta R.T. 0.01 min
Lab File: BG023337.D
Acq: 29 Jul 2016 13:05

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion:163 Resp: 2152054
Ion Ratio Lower Upper
163 100
194 5.4 3.6 5.4
164 13.0 8.1 12.1#

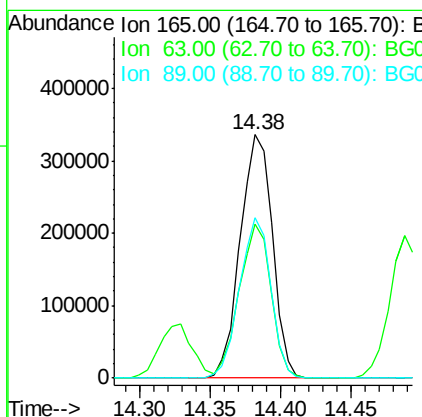
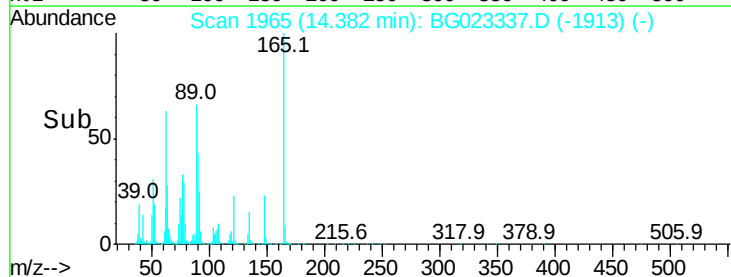
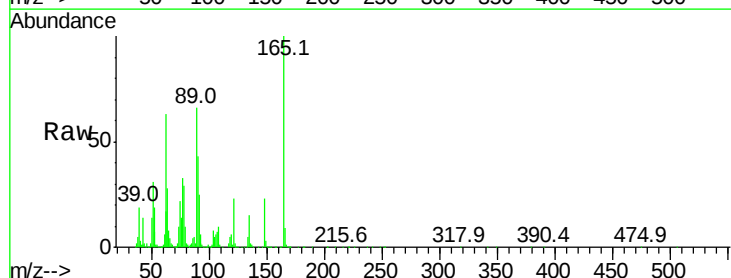
Manual Integrations

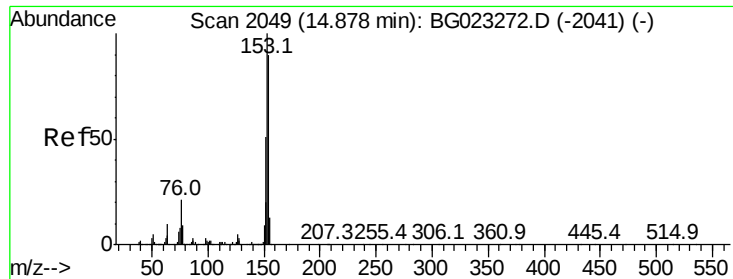
umangi
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#50
2,6-Dinitrotoluene
Concen: 39.12 ng
RT: 14.38 min Scan# 1965
Delta R.T. 0.01 min
Lab File: BG023337.D
Acq: 29 Jul 2016 13:05

Tgt Ion:165 Resp: 538337
Ion Ratio Lower Upper
165 100
63 63.1 64.3 96.5#
89 66.0 64.3 96.5





#51

Acenaphthene

Concen: 38.73 ng

RT: 14.88 min Scan# 2049

Delta R.T. 0.00 min

Lab File: BG023337.D

Acq: 29 Jul 2016 13:05

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:154 Resp: 1711960

Ion Ratio Lower Upper

154 100

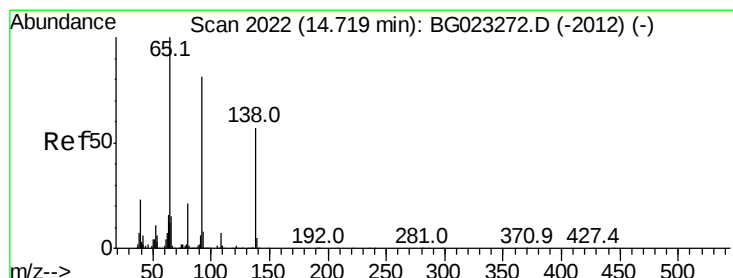
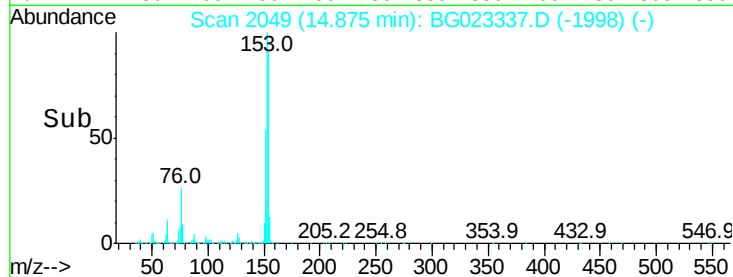
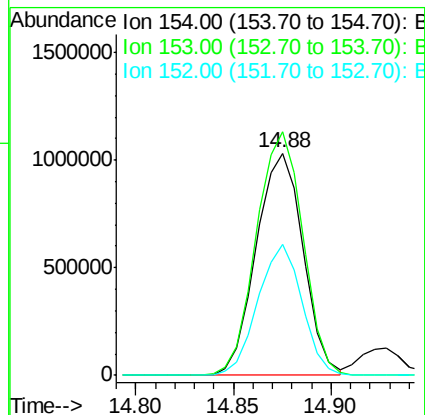
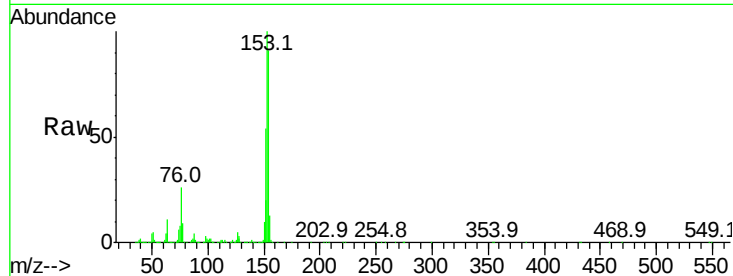
153 109.5 87.5 131.3

152 58.8 42.7 64.1

Manual Integrations

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#52

3-Nitroaniline

Concen: 39.50 ng

RT: 14.72 min Scan# 2023

Delta R.T. 0.01 min

Lab File: BG023337.D

Acq: 29 Jul 2016 13:05

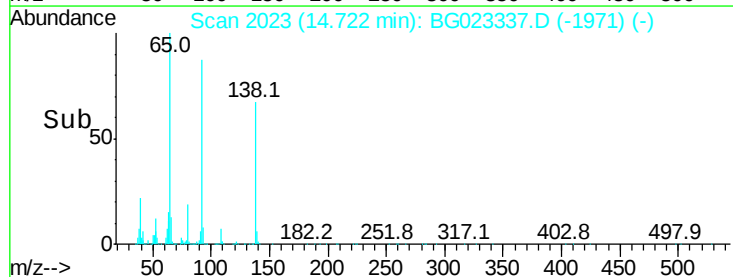
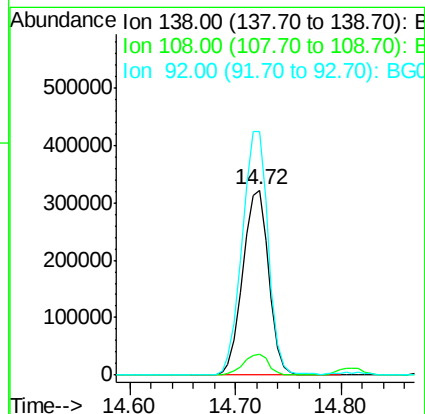
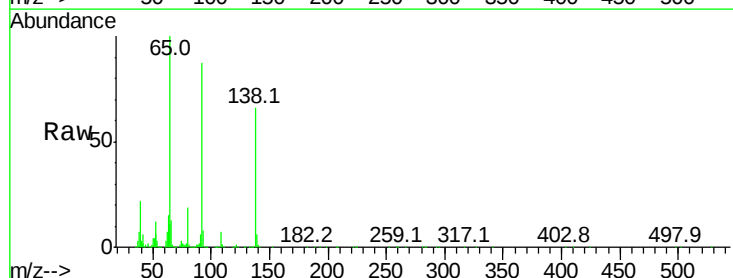
Tgt Ion:138 Resp: 547492

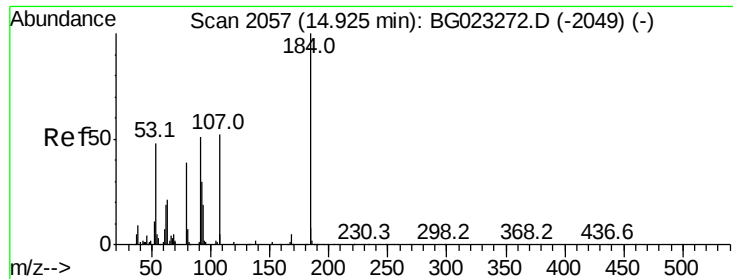
Ion Ratio Lower Upper

138 100

108 11.2 11.7 17.5#

92 131.5 129.7 194.5





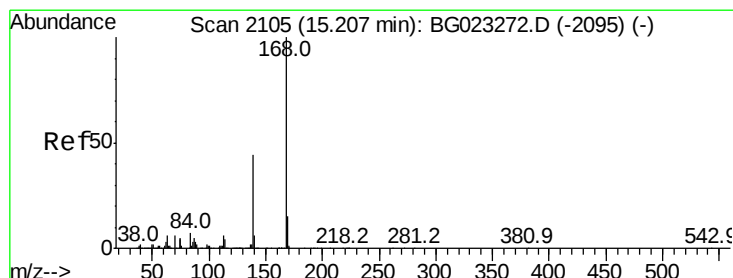
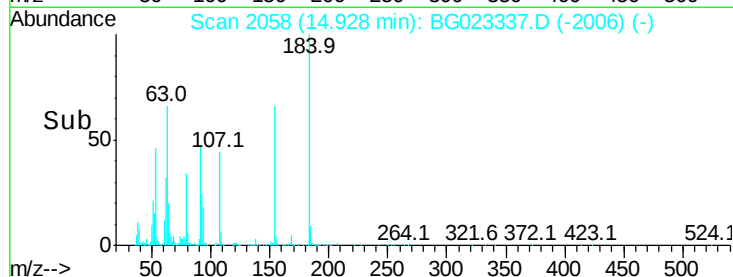
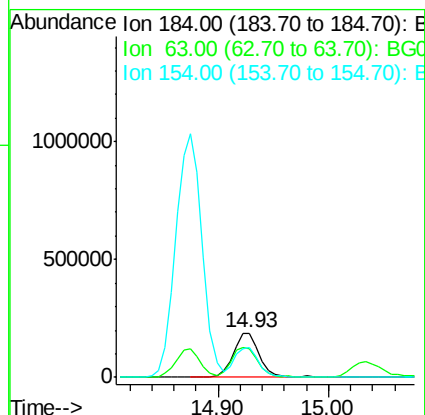
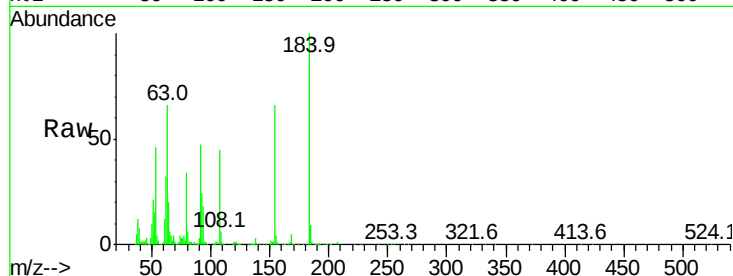
#53
2,4-Dinitrophenol
Concen: 38.58 ng
RT: 14.93 min Scan# 2058
Delta R.T. 0.00 min
Lab File: BG023337.D
Acq: 29 Jul 2016 13:05

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
184	100		
63	65.7	59.6	89.4
154	66.1	67.4	101.0

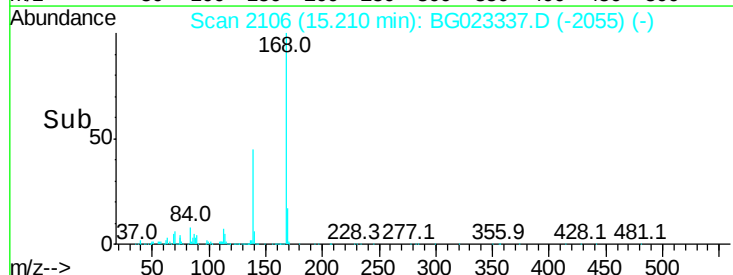
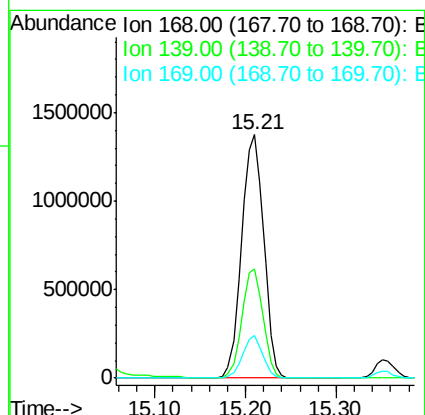
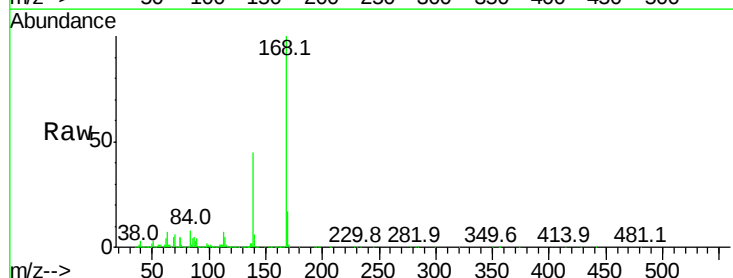
Manual Integrations

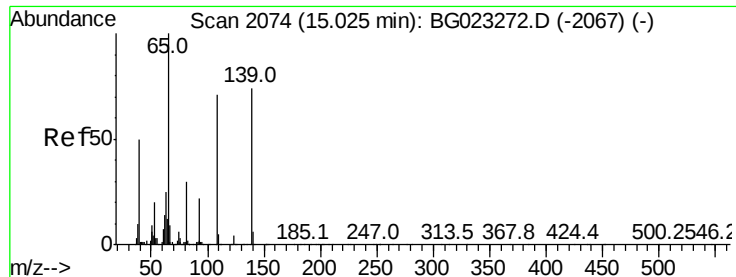
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#54
Dibenzofuran
Concen: 37.27 ng
RT: 15.21 min Scan# 2106
Delta R.T. 0.00 min
Lab File: BG023337.D
Acq: 29 Jul 2016 13:05

Tgt Ion	Ratio	Lower	Upper
168	100		
139	44.7	36.4	54.6
169	17.4	11.9	17.9





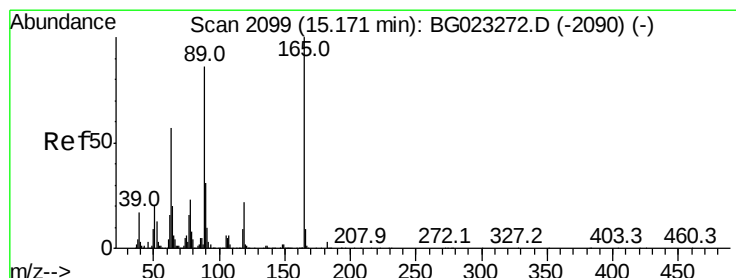
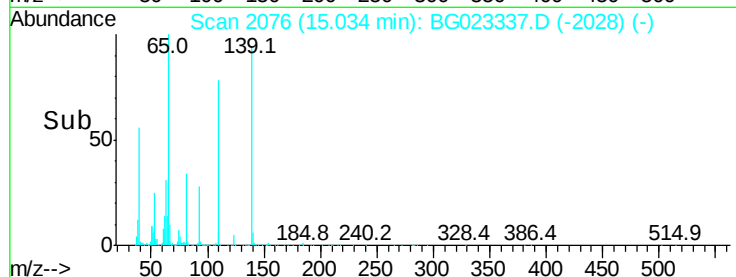
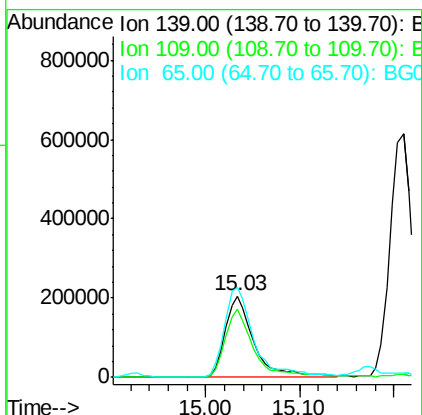
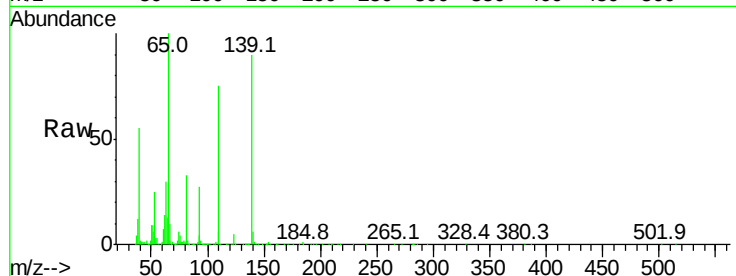
#55
4-Nitrophenol
Concen: 36.13 ng
RT: 15.03 min Scan# 2076
Delta R.T. -0.02 min
Lab File: BG023337.D
Acq: 29 Jul 2016 13:05

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion:139 Resp: 434478
Ion Ratio Lower Upper
139 100
109 83.2 103.0 143.0#
65 110.7 112.7 152.7#

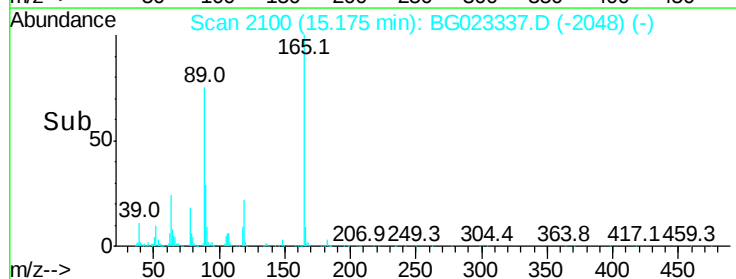
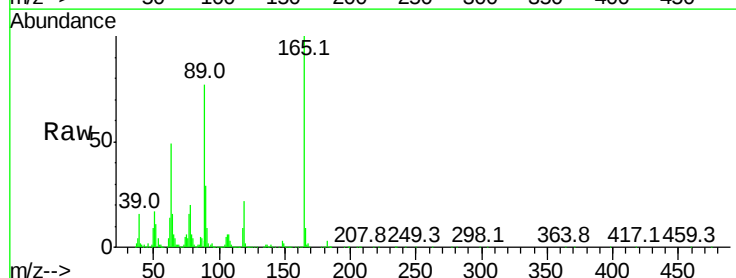
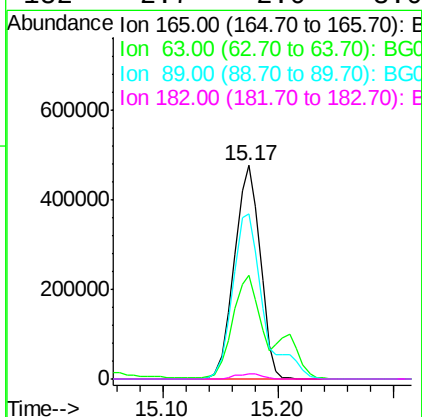
Manual Integrations

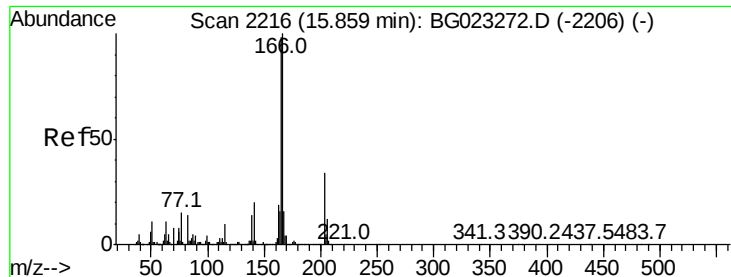
umangi
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#56
2,4-Dinitrotoluene
Concen: 38.16 ng
RT: 15.17 min Scan# 2100
Delta R.T. 0.01 min
Lab File: BG023337.D
Acq: 29 Jul 2016 13:05

Tgt Ion:165 Resp: 739451
Ion Ratio Lower Upper
165 100
63 48.6 45.8 68.6
89 77.2 68.6 102.8
182 2.7 2.0 3.0





#57

Fluorene

Concen: 36.96 ng

RT: 15.86 min Scan# 2217

Delta R.T. 0.00 min

Lab File: BG023337.D

Acq: 29 Jul 2016 13:05

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:166 Resp: 2041253

Ion Ratio Lower Upper

166 100

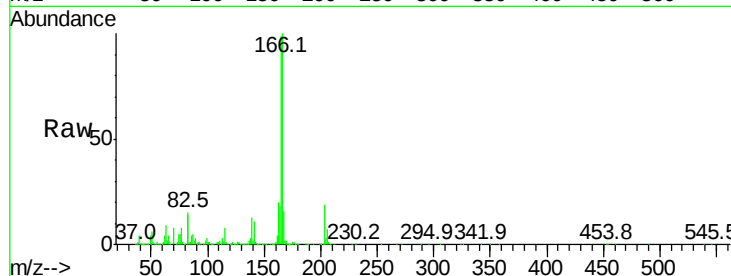
165 99.4 81.0 121.6

167 16.3 12.0 18.0

Manual Integrations

umangi

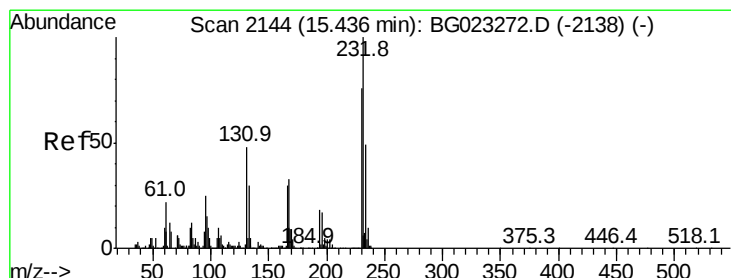
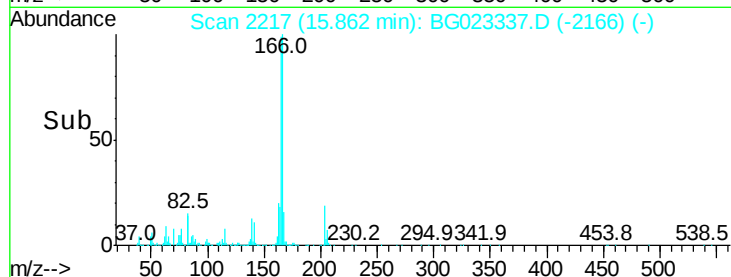
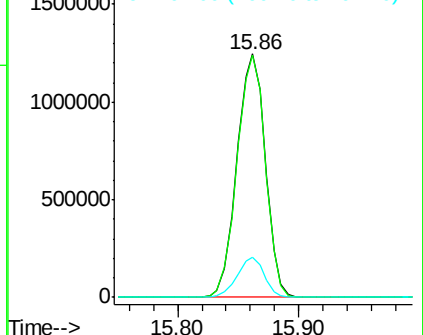
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.82 ng

RT: 15.44 min Scan# 2145

Delta R.T. 0.00 min

Lab File: BG023337.D

Acq: 29 Jul 2016 13:05

Tgt Ion:232 Resp: 555159

Ion Ratio Lower Upper

232 100

131 46.7 32.7 49.1

130 2.9 2.6 3.8

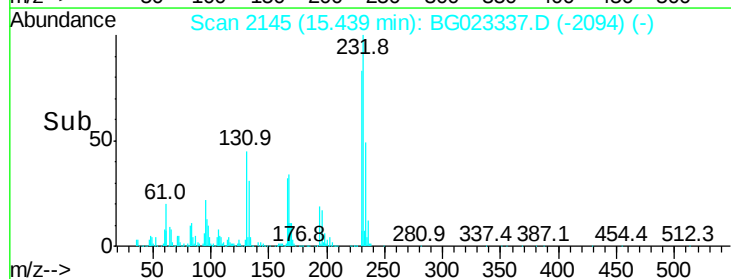
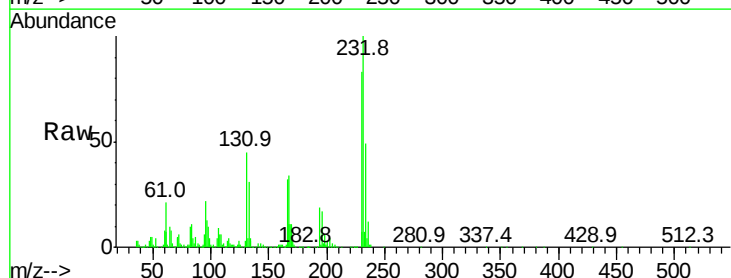
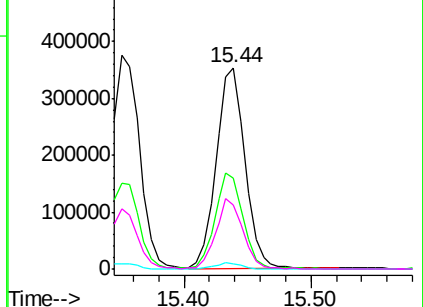
166 32.5 23.0 34.6

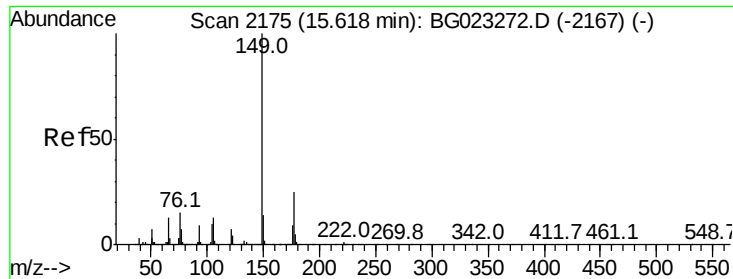
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





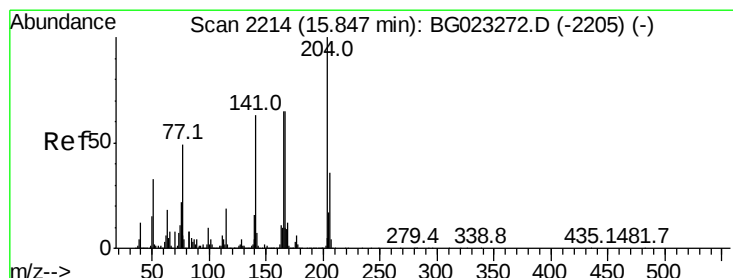
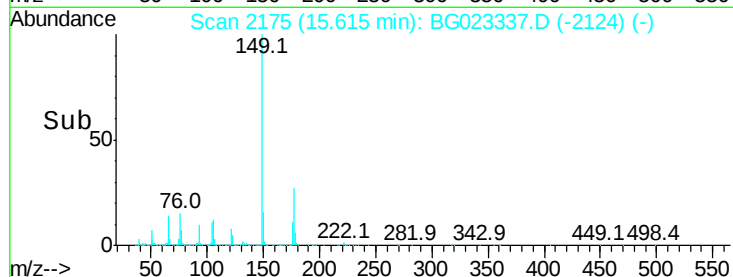
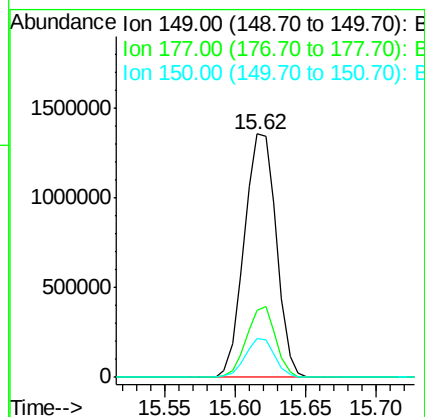
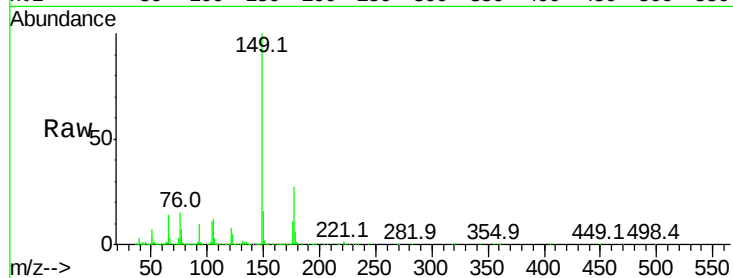
#59
Diethylphthalate
Concen: 35.75 ng
RT: 15.62 min Scan# 2175
Delta R.T. 0.00 min
Lab File: BG023337.D
Acq: 29 Jul 2016 13:05

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
149	100		
177	27.3	19.2	28.8
150	15.9	10.6	16.0

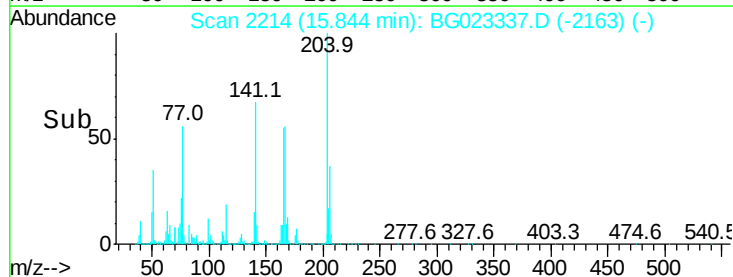
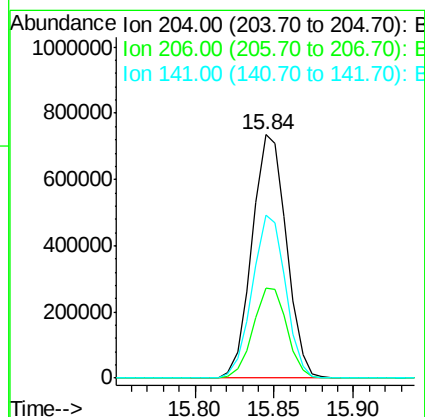
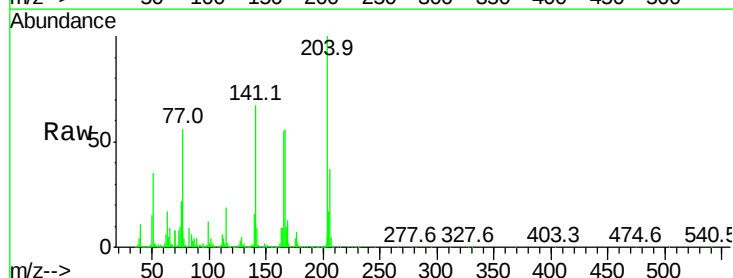
Manual Integrations

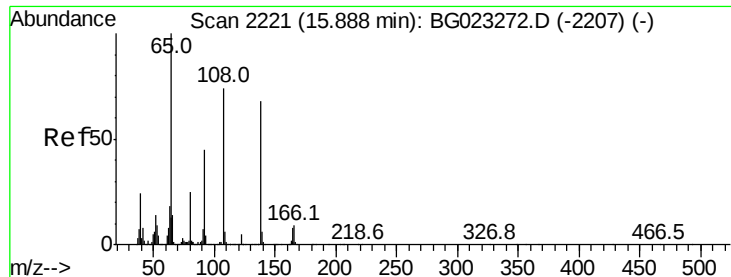
umangi
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#60
4-Chlorophenyl-phenylether
Concen: 37.12 ng
RT: 15.84 min Scan# 2214
Delta R.T. 0.00 min
Lab File: BG023337.D
Acq: 29 Jul 2016 13:05

Tgt Ion	Ratio	Lower	Upper
204	100		
206	37.0	28.5	42.7
141	66.7	51.4	77.0





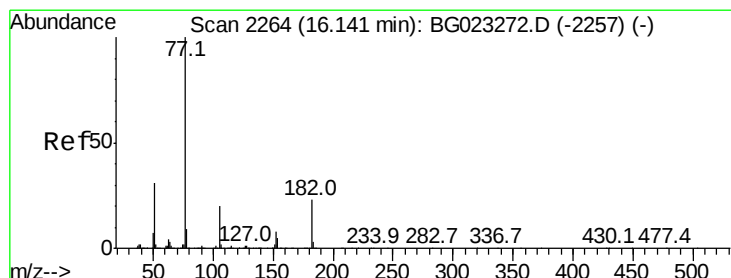
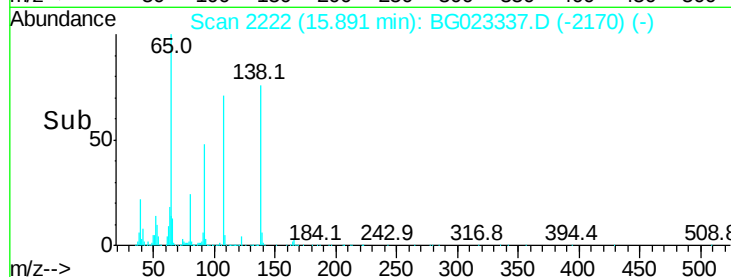
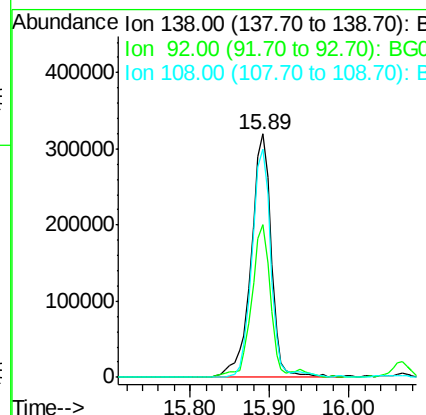
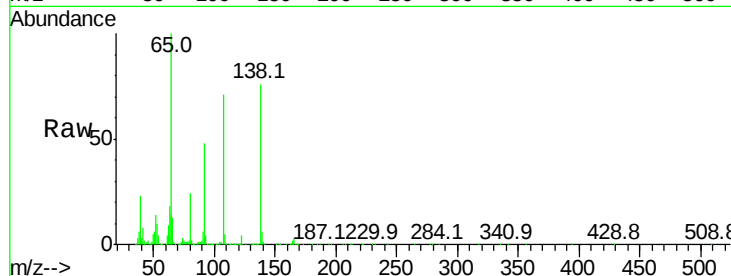
#61
4-Nitroaniline
Concen: 38.94 ng
RT: 15.89 min Scan# 2222
Delta R.T. 0.01 min
Lab File: BG023337.D
Acq: 29 Jul 2016 13:05

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
138	100		
92	62.9	54.1	94.1
108	93.9	133.9	173.9#

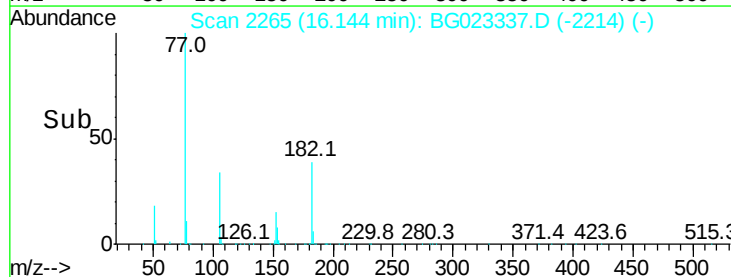
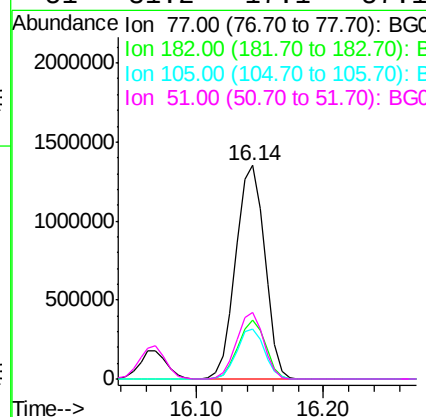
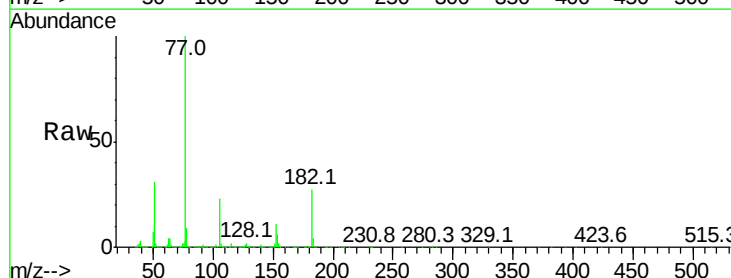
Manual Integrations

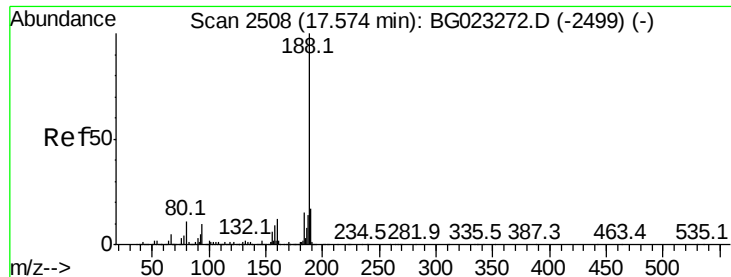
umangi
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#62
Azobenzene
Concen: 34.19 ng
RT: 16.14 min Scan# 2265
Delta R.T. 0.00 min
Lab File: BG023337.D
Acq: 29 Jul 2016 13:05

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.4	3.5	43.5
105	23.5	0.0	38.5
51	31.2	17.1	57.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.57 min Scan# 2508

Delta R.T. 0.00 min

Lab File: BG023337.D

Acq: 29 Jul 2016 13:05

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:188 Resp: 1669366

Ion Ratio Lower Upper

188 100

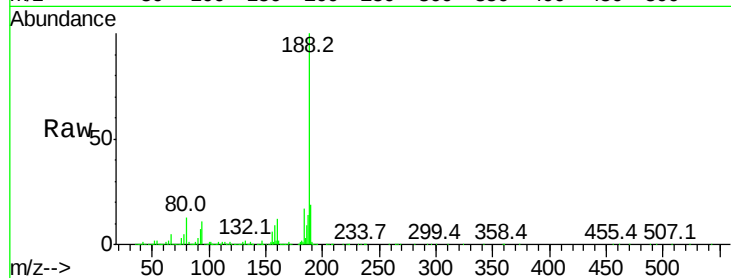
94 11.0 5.2 7.8#

80 13.4 7.2 10.8#

Manual Integrations

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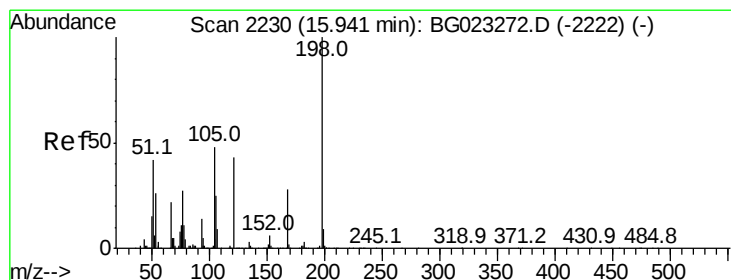
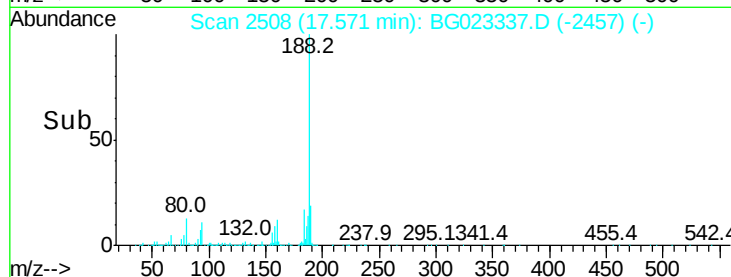
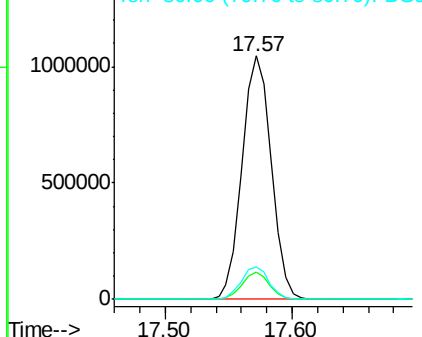
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 44.73 ng

RT: 15.94 min Scan# 2231

Delta R.T. 0.01 min

Lab File: BG023337.D

Acq: 29 Jul 2016 13:05

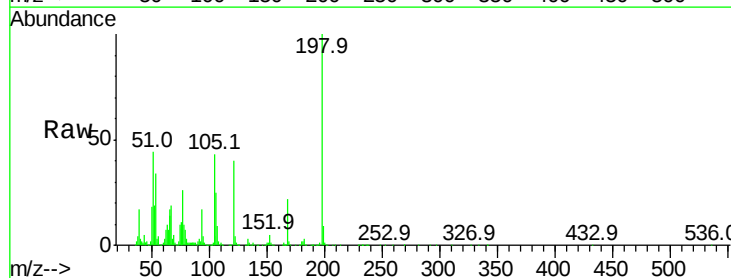
Tgt Ion:198 Resp: 479568

Ion Ratio Lower Upper

198 100

51 43.8 26.0 66.0

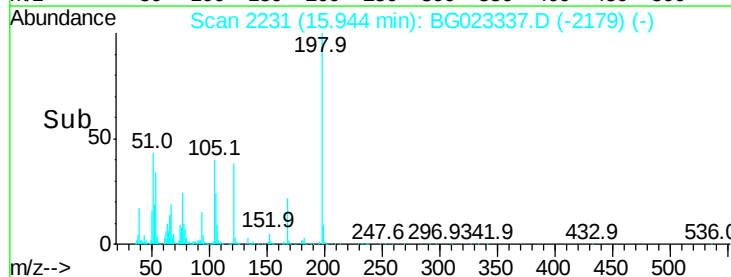
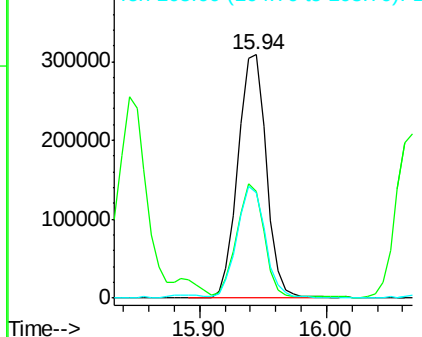
105 43.4 20.1 60.1

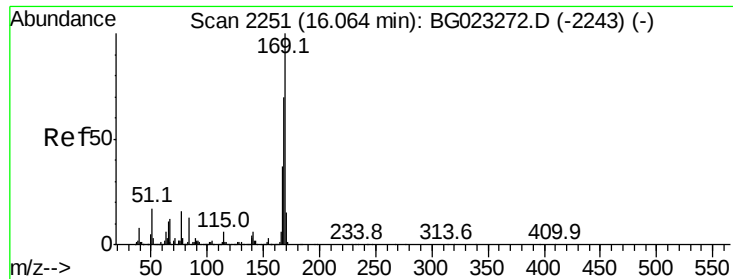


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 41.47 ng

RT: 16.07 min Scan# 2252

Delta R.T. 0.01 min

Lab File: BG023337.D

Acq: 29 Jul 2016 13:05

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:169 Resp: 1848336

Ion Ratio Lower Upper

169 100

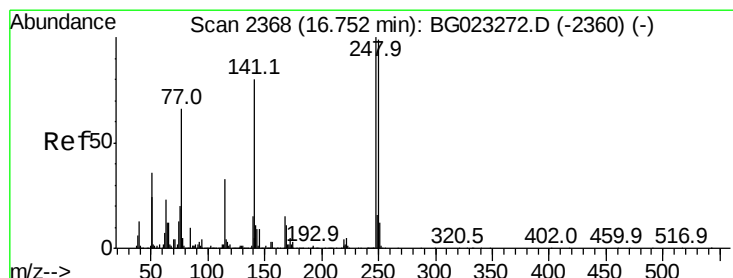
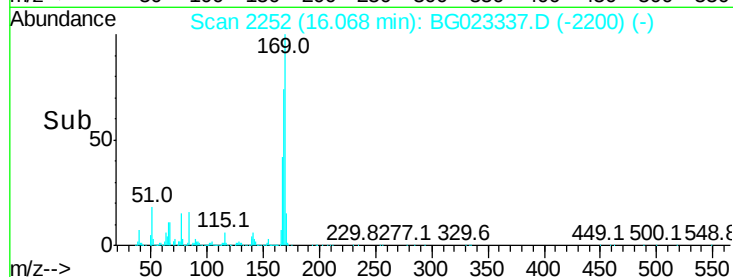
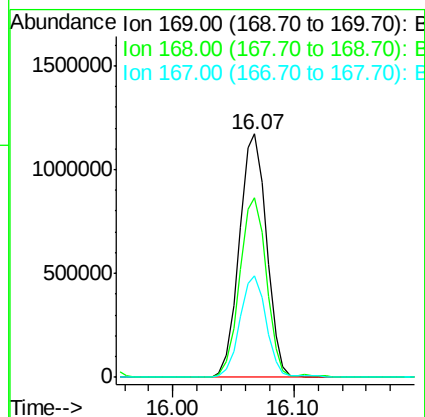
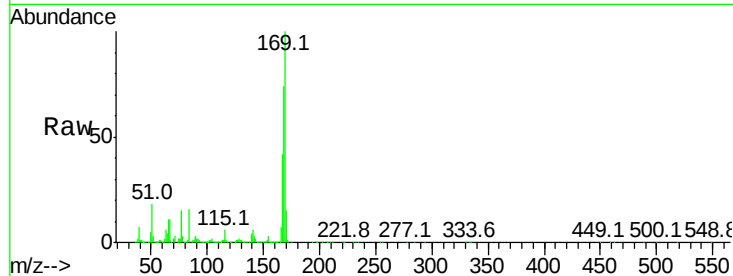
168 73.7 55.0 82.4

167 41.7 27.4 41.0#

Manual Integrations

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7/29/2016 6:22:33 PM



#66

4-Bromophenyl-phenylether

Concen: 44.68 ng

RT: 16.75 min Scan# 2368

Delta R.T. 0.00 min

Lab File: BG023337.D

Acq: 29 Jul 2016 13:05

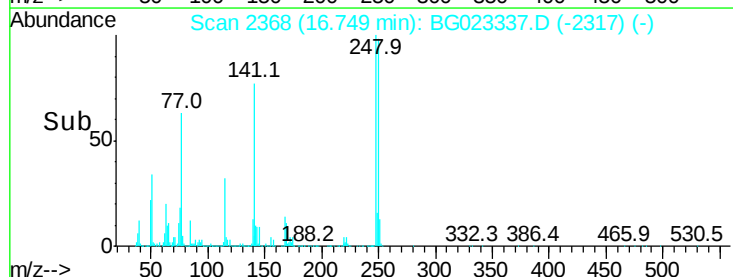
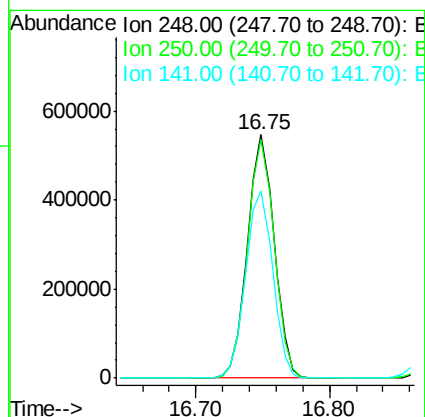
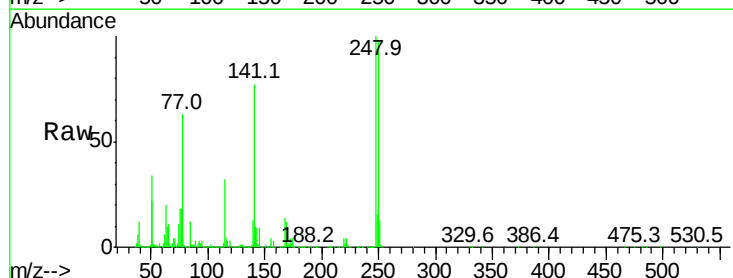
Tgt Ion:248 Resp: 754186

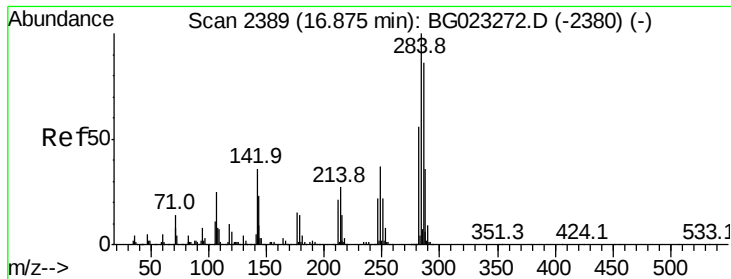
Ion Ratio Lower Upper

248 100

250 98.2 77.8 116.8

141 77.0 65.7 98.5





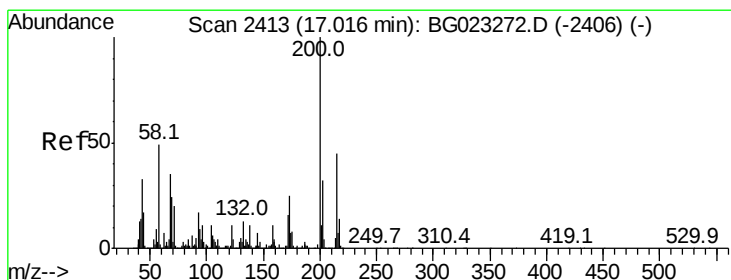
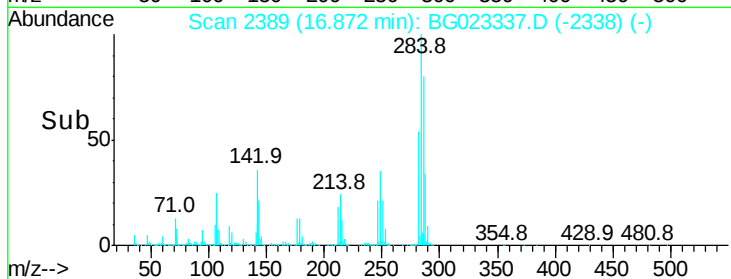
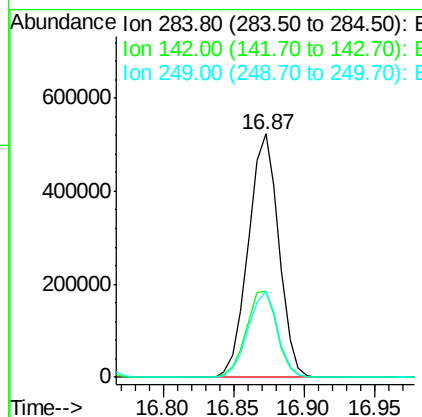
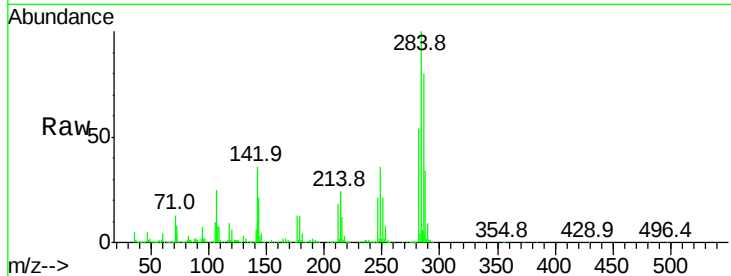
#67
Hexachlorobenzene
Concen: 46.65 ng
RT: 16.87 min Scan# 2389
Delta R.T. 0.00 min
Lab File: BG023337.D
Acq: 29 Jul 2016 13:05

Instrument :
BNA_G
ClientSampled :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
284	100	791716		
142	35.7	26.8	40.2	
249	35.5	28.9	43.3	

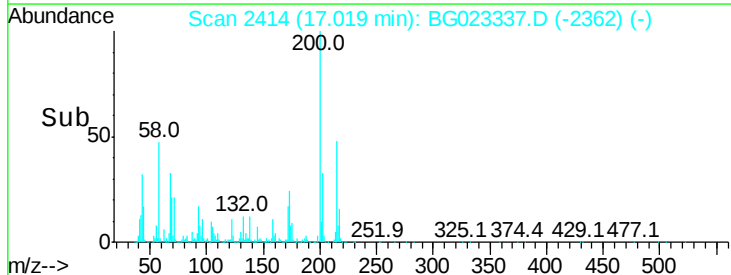
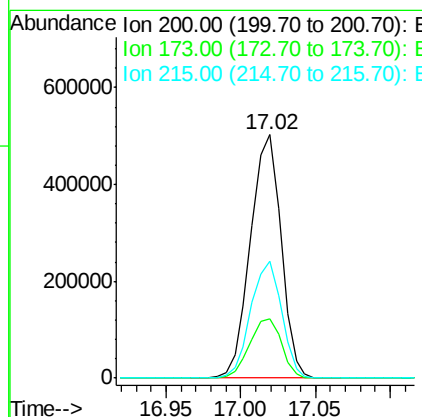
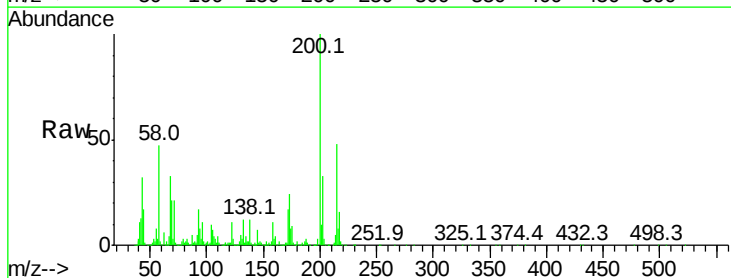
Manual Integrations

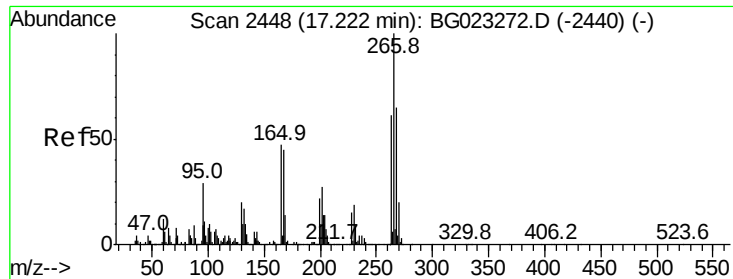
umangi
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#68
Atrazine
Concen: 41.54 ng
RT: 17.02 min Scan# 2414
Delta R.T. 0.01 min
Lab File: BG023337.D
Acq: 29 Jul 2016 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	710222		
173	24.4	1.6	41.6	
215	48.0	28.7	68.7	





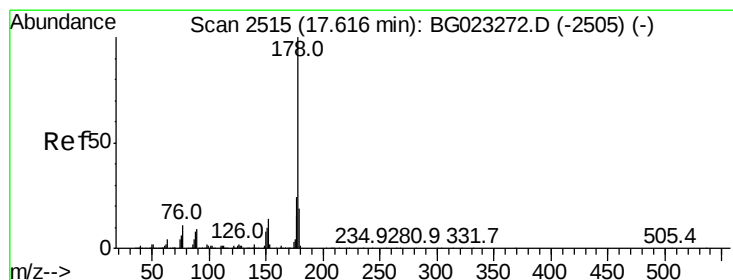
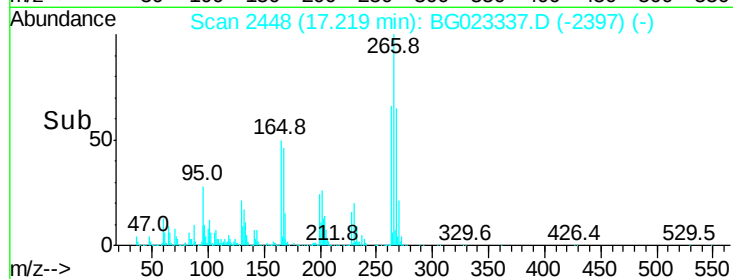
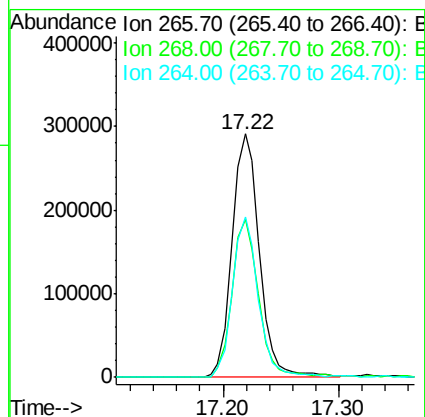
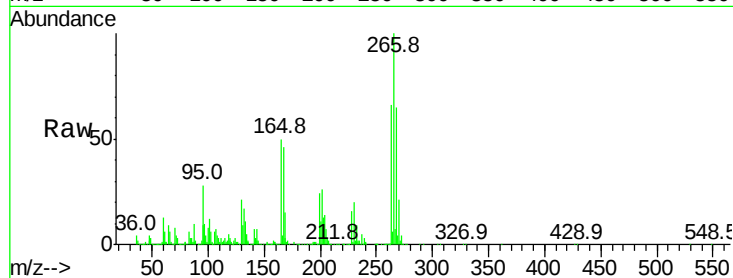
#69
 Pentachlorophenol
 Concen: 45.66 ng
 RT: 17.22 min Scan# 2448
 Delta R.T. -0.00 min
 Lab File: BG023337.D
 Acq: 29 Jul 2016 13:05

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.9	51.9	77.9
264	65.8	50.6	75.8

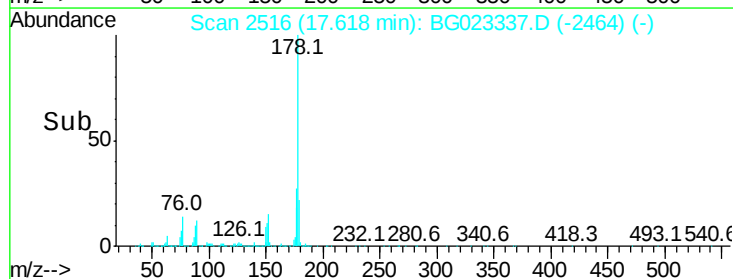
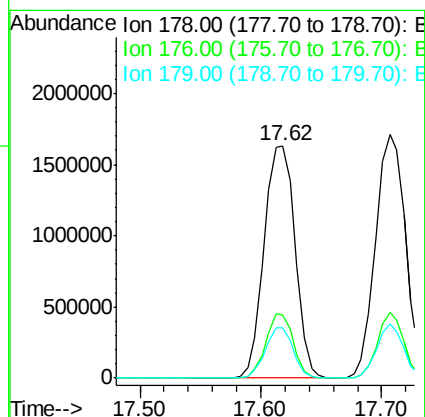
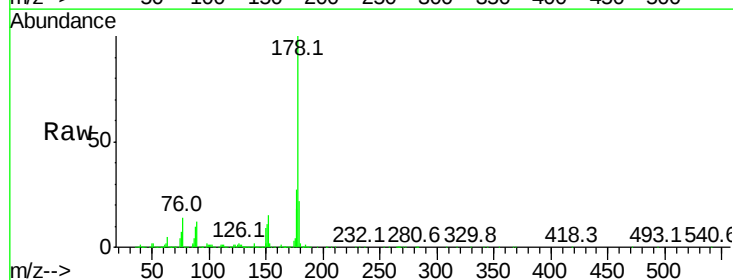
Manual Integrations

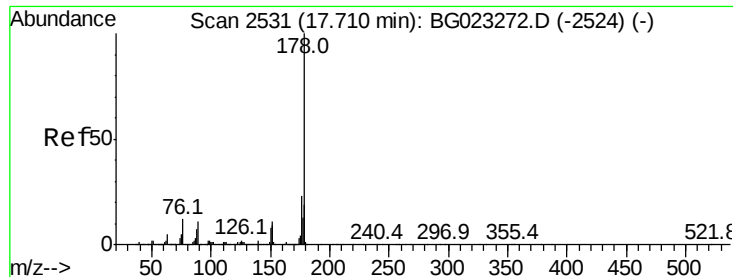
umangi
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#70
 Phenanthrene
 Concen: 40.09 ng
 RT: 17.62 min Scan# 2516
 Delta R.T. 0.01 min
 Lab File: BG023337.D
 Acq: 29 Jul 2016 13:05

Tgt Ion	Ratio	Lower	Upper
178	100		
176	27.4	16.8	25.2#
179	21.8	14.3	21.5#





#71

Anthracene

Concen: 39.94 ng

RT: 17.71 min Scan# 2531

Delta R.T. 0.00 min

Lab File: BG023337.D

Acq: 29 Jul 2016 13:05

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:178 Resp: 2946906

Ion Ratio Lower Upper

178 100

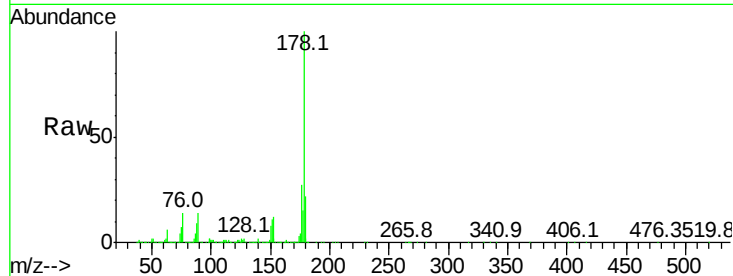
176 27.1 17.3 25.9#

179 22.1 14.0 21.0#

Manual Integrations

umangi

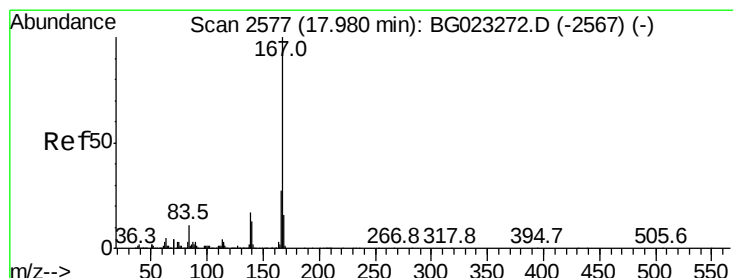
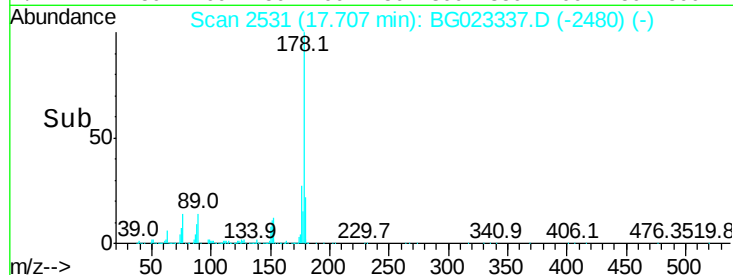
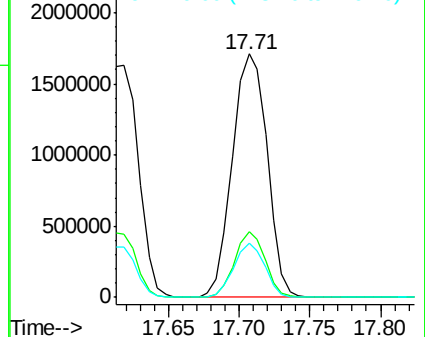
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 40.03 ng

RT: 17.98 min Scan# 2578

Delta R.T. 0.00 min

Lab File: BG023337.D

Acq: 29 Jul 2016 13:05

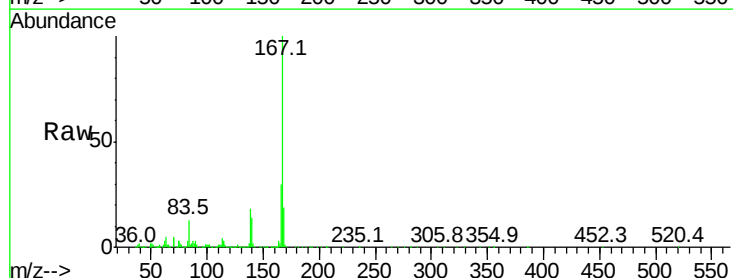
Tgt Ion:167 Resp: 2704908

Ion Ratio Lower Upper

167 100

166 30.4 20.7 31.1

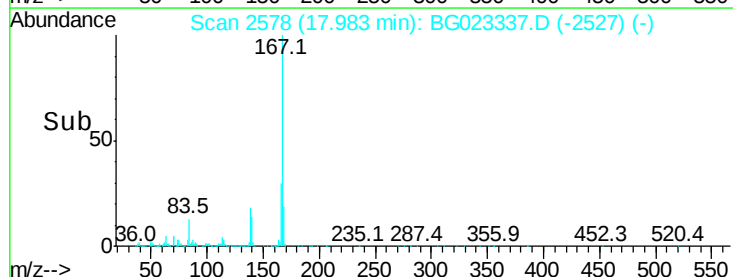
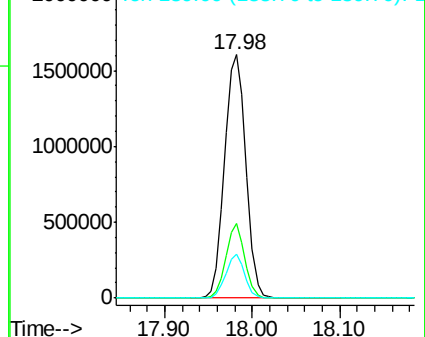
139 17.9 11.9 17.9

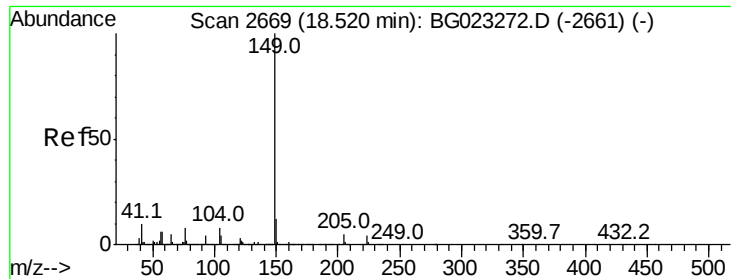


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.77 ng

RT: 18.52 min Scan# 2670

Delta R.T. 0.00 min

Lab File: BG023337.D

Acq: 29 Jul 2016 13:05

Instrument :

BNA_G

ClientSampleID :

SSTDCCC040EC

Tot Ion:149 Resp: 2998736

Ion Ratio Lower Upper

149 100

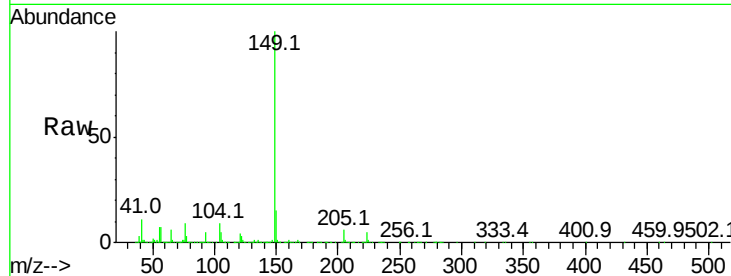
150 14.7 9.1 13.7#

104 9.4 6.9 10.3

Manual Integrations

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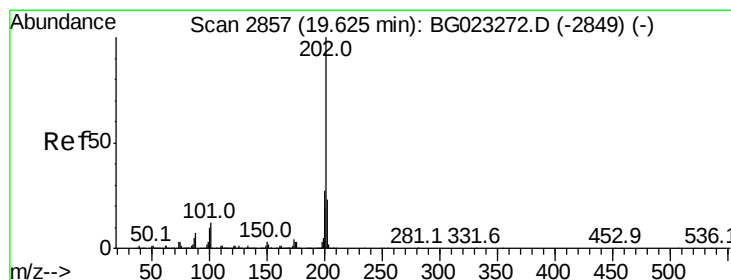
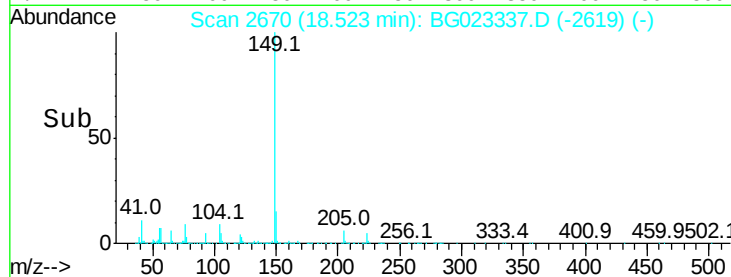
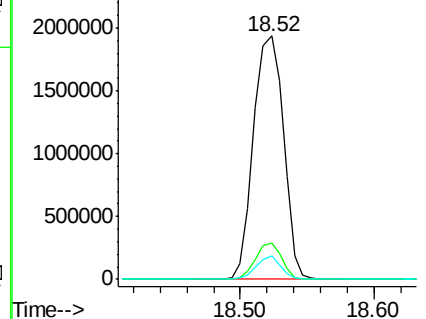
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.62 ng

RT: 19.63 min Scan# 2858

Delta R.T. 0.00 min

Lab File: BG023337.D

Acq: 29 Jul 2016 13:05

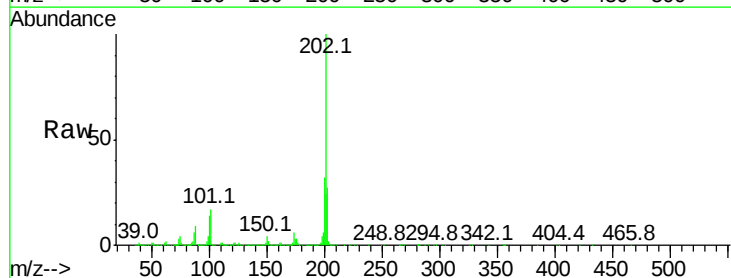
Tgt Ion:202 Resp: 3134999

Ion Ratio Lower Upper

202 100

101 17.0 0.0 27.4

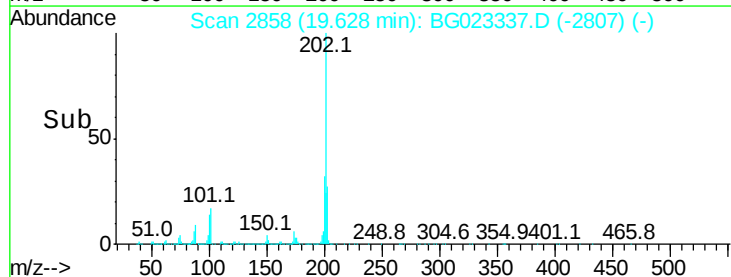
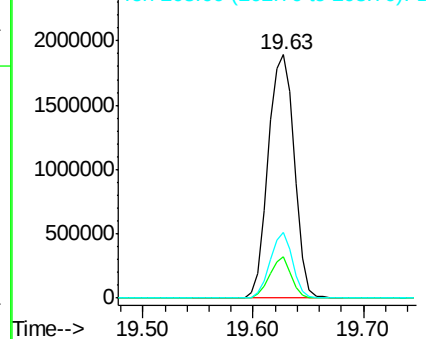
203 27.0 1.7 41.7

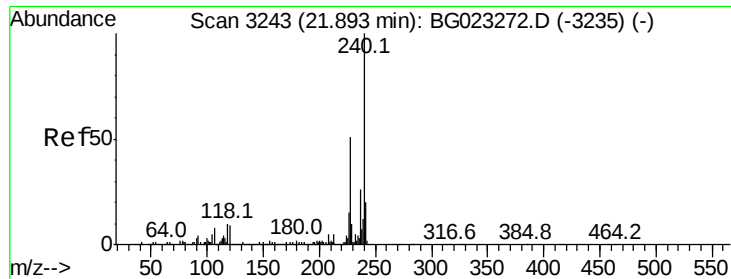


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.90 min Scan# 3244

Delta R.T. 0.01 min

Lab File: BG023337.D

Acq: 29 Jul 2016 13:05

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:240 Resp: 1662932

Ion Ratio Lower Upper

240 100

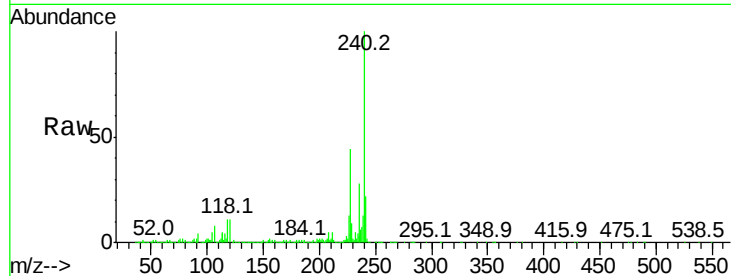
120 10.8 4.1 6.1#

236 28.4 21.1 31.7

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

1200000

1000000

800000

600000

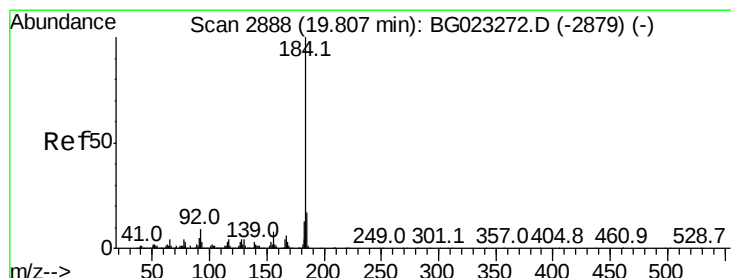
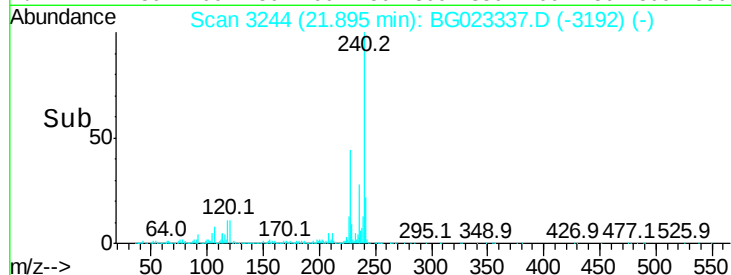
400000

200000

0

21.90

Time-->



#76

Benzidine

Concen: 30.74 ng

RT: 19.80 min Scan# 2888

Delta R.T. -0.00 min

Lab File: BG023337.D

Acq: 29 Jul 2016 13:05

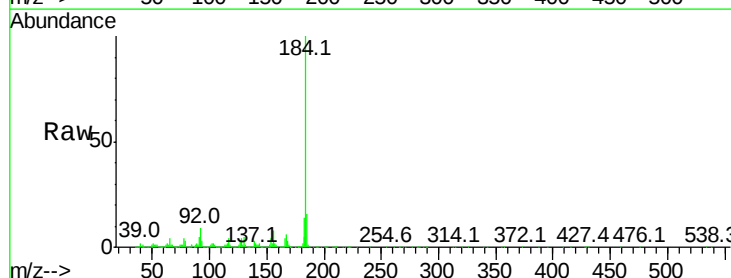
Tgt Ion:184 Resp: 1437834

Ion Ratio Lower Upper

184 100

185 16.0 12.6 19.0

183 13.7 10.7 16.1



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

1200000

1000000

800000

600000

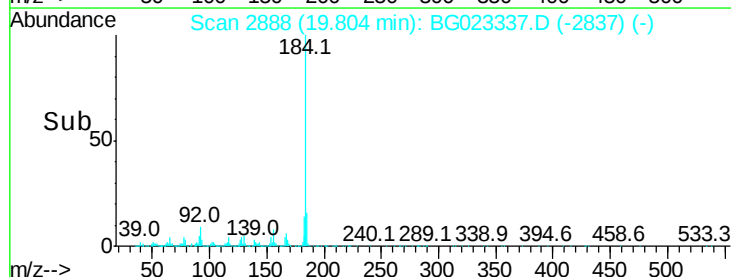
400000

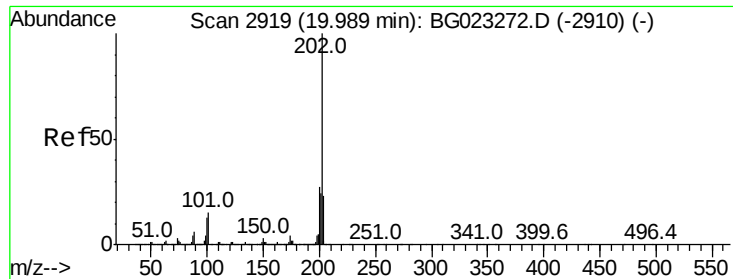
200000

0

19.80

Time-->





#77

Pvrene

Concen: 33.80 ng

RT: 19.99 min Scan# 2919

Delta R.T. -0.00 min

Lab File: BG023337.D

Acq: 29 Jul 2016 13:05

Instrument :

BNA_G

ClientSampleId :

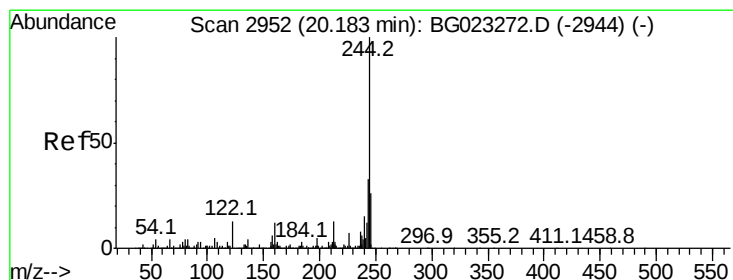
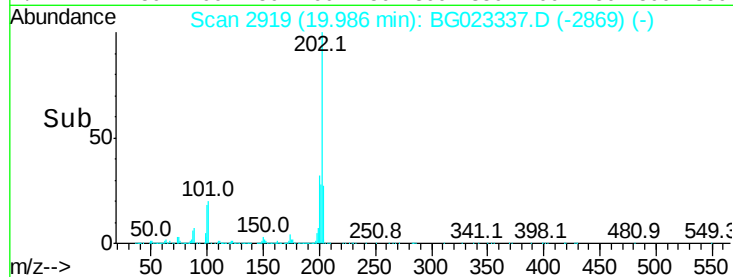
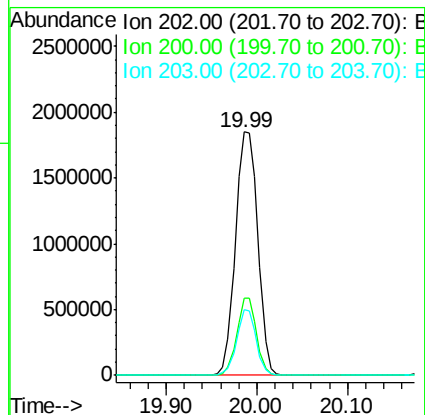
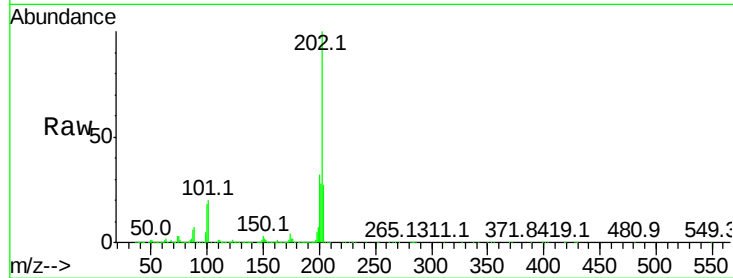
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
202	100		
200	31.6	21.2	31.8
203	27.0	16.8	25.2

Manual Integrations

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#78

Terphenyl-d14

Concen: 66.96 ng

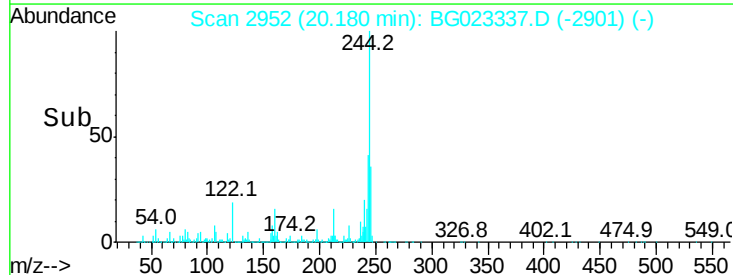
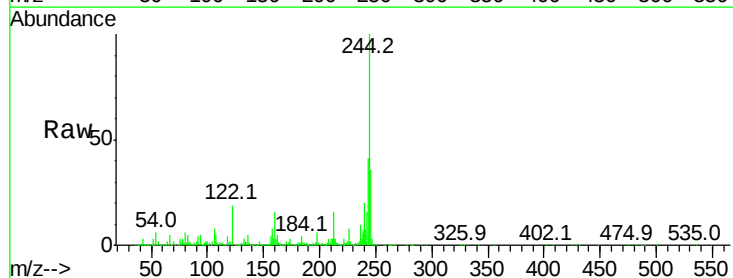
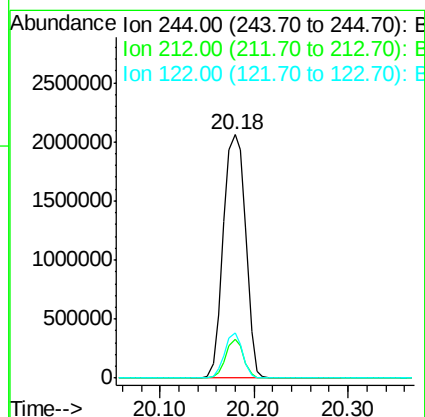
RT: 20.18 min Scan# 2952

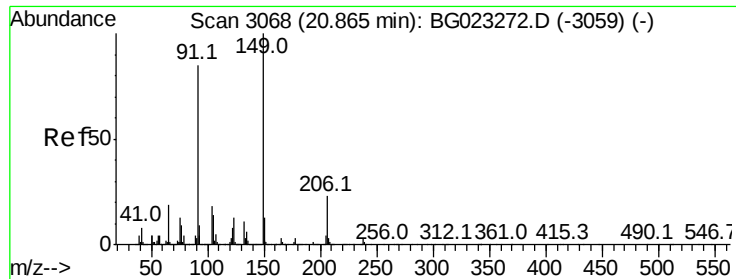
Delta R.T. 0.00 min

Lab File: BG023337.D

Acq: 29 Jul 2016 13:05

Tgt Ion	Ratio	Lower	Upper
244	100		
212	16.0	10.8	16.2
122	18.5	8.0	12.0





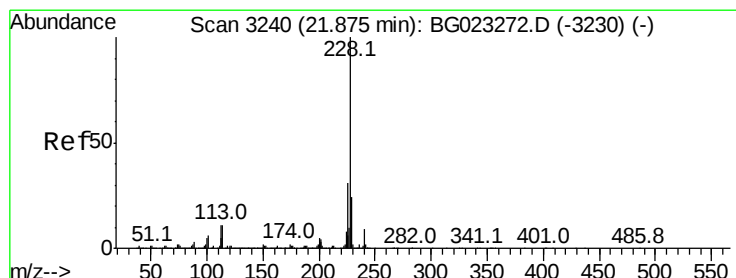
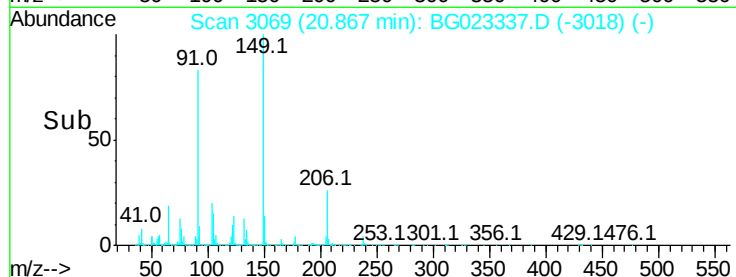
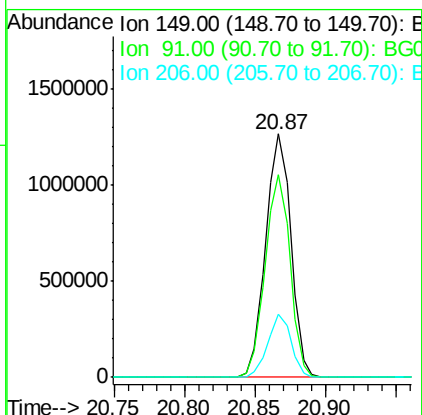
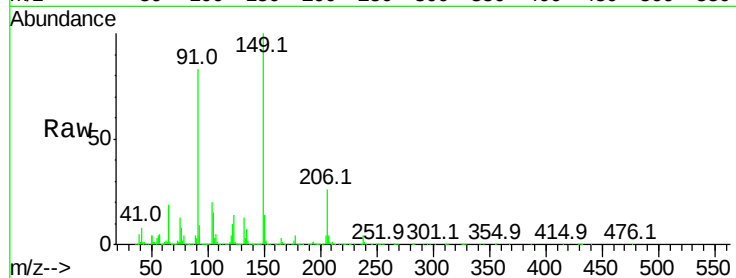
#79
Butylbenzylphthalate
Concen: 38.60 ng
RT: 20.87 min Scan# 3069
Delta R.T. 0.00 min
Lab File: BG023337.D
Acq: 29 Jul 2016 13:05

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion:149 Resp: 1602501
Ion Ratio Lower Upper
149 100
91 83.0 68.1 102.1
206 26.1 19.8 29.6

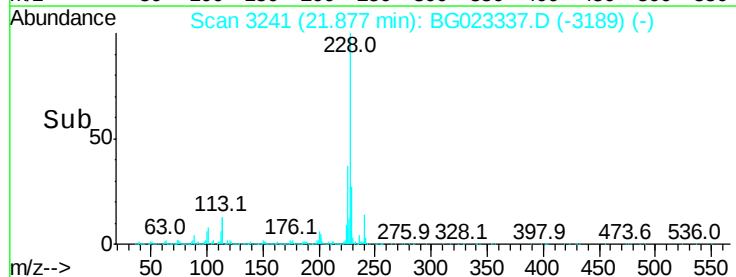
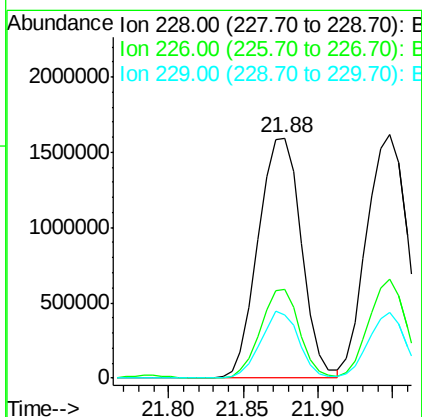
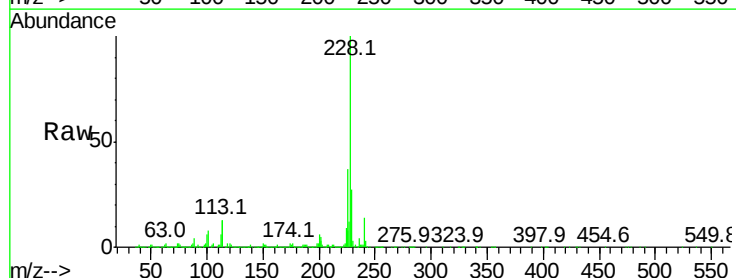
Manual Integrations

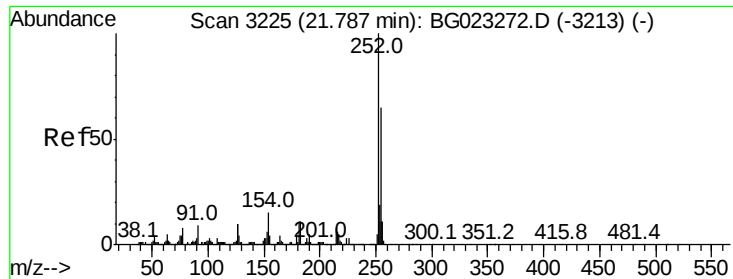
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#80
Benzo(a)anthracene
Concen: 36.81 ng
RT: 21.88 min Scan# 3241
Delta R.T. 0.01 min
Lab File: BG023337.D
Acq: 29 Jul 2016 13:05

Tgt Ion:228 Resp: 3205132
Ion Ratio Lower Upper
228 100
226 36.9 25.3 37.9
229 26.5 19.9 29.9





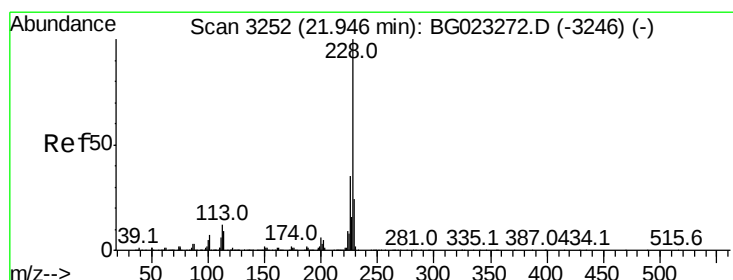
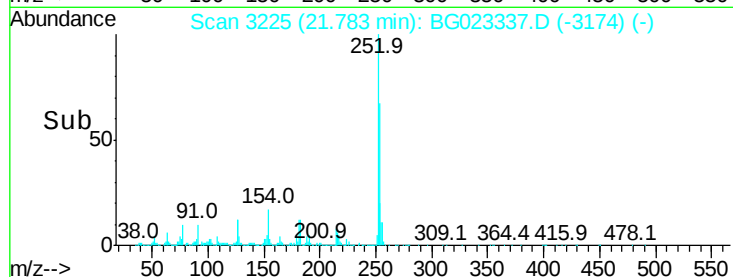
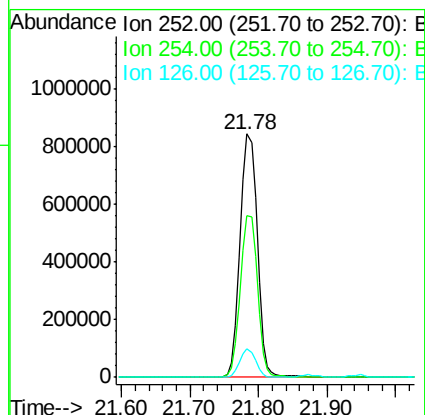
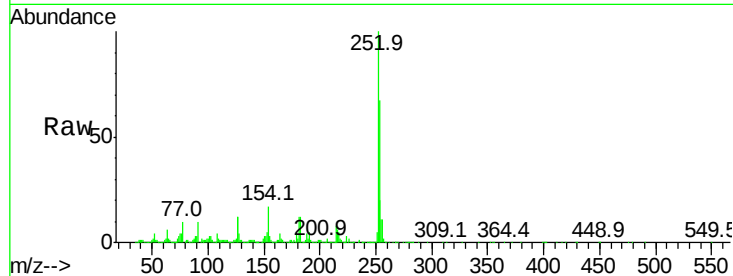
#81
 3,3'-Dichlorobenzidine
 Concen: 41.98 ng
 RT: 21.78 min Scan# 3225
 Delta R.T. 0.00 min
 Lab File: BG023337.D
 Acq: 29 Jul 2016 13:05

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:252 Resp: 1481754
 Ion Ratio Lower Upper
 252 100
 254 66.6 51.2 76.8
 126 11.5 5.3 7.9#

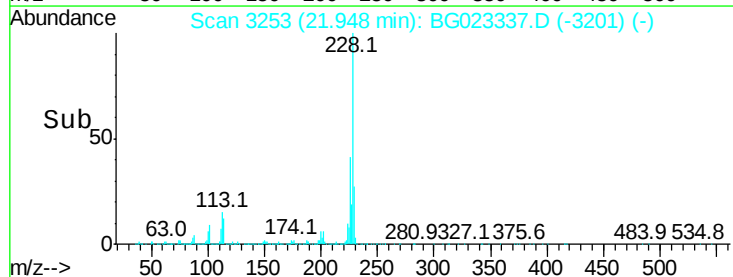
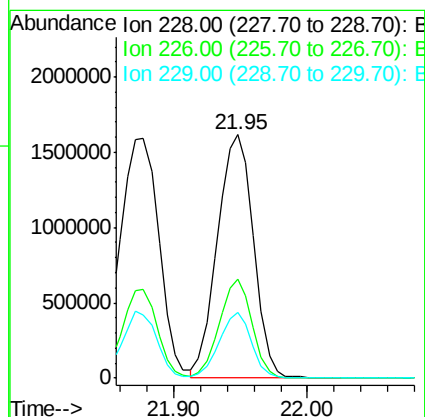
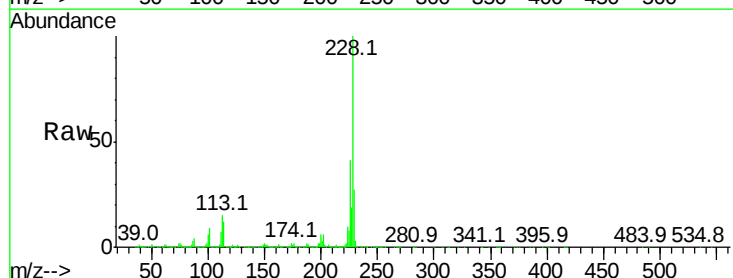
Manual Integrations

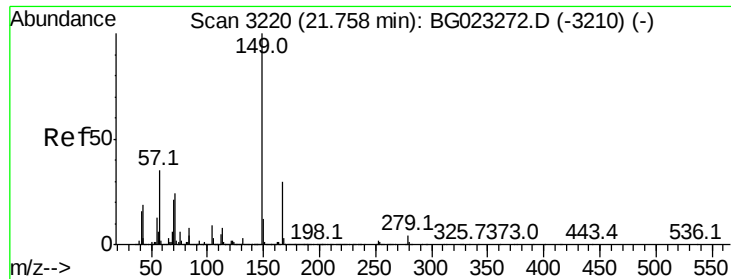
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#82
 Chrysene
 Concen: 36.36 ng
 RT: 21.95 min Scan# 3253
 Delta R.T. 0.01 min
 Lab File: BG023337.D
 Acq: 29 Jul 2016 13:05

Tgt Ion:228 Resp: 3058389
 Ion Ratio Lower Upper
 228 100
 226 40.6 26.7 40.1#
 229 26.9 17.4 26.2#





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.53 ng

RT: 21.75 min Scan# 3220

Delta R.T. 0.00 min

Lab File: BG023337.D

Acq: 29 Jul 2016 13:05

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:149 Resp: 2179951

Ion	Ratio	Lower	Upper
149	100		
167	33.4	24.0	36.0
279	5.4	4.8	7.2

149 100

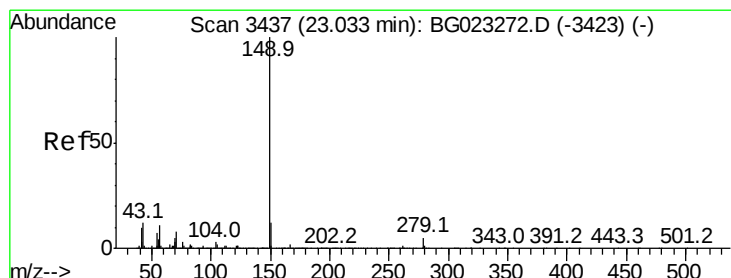
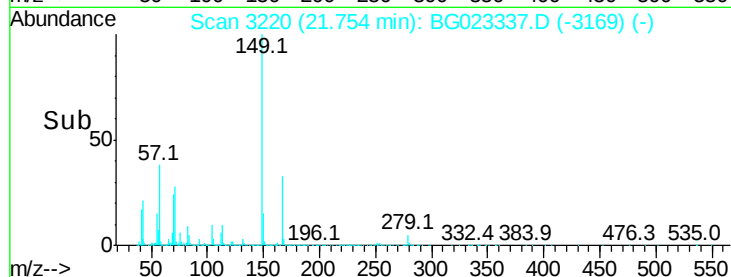
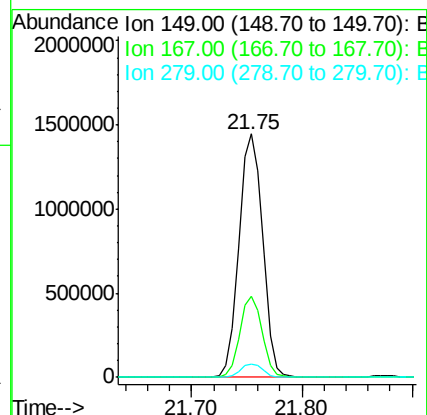
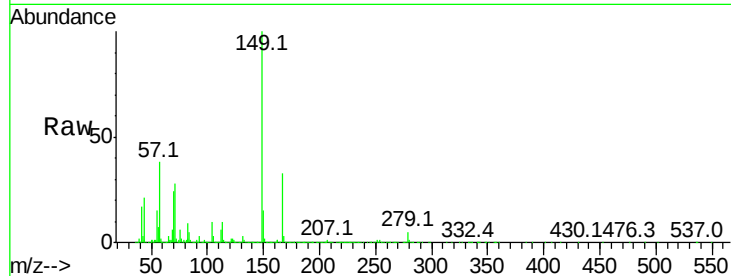
167 33.4 24.0 36.0

279 5.4 4.8 7.2

Manual Integrations

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7/29/2016 6:22:33 PM



#84

Di-n-octyl phthalate

Concen: 37.26 ng

RT: 23.03 min Scan# 3437

Delta R.T. 0.00 min

Lab File: BG023337.D

Acq: 29 Jul 2016 13:05

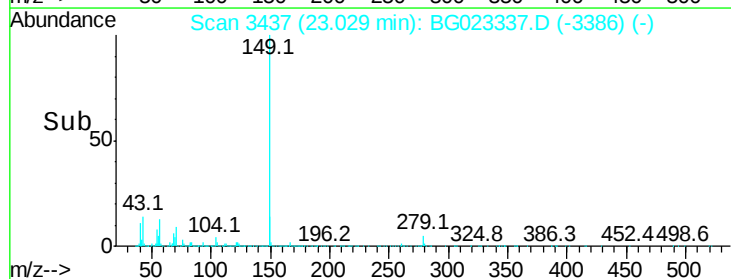
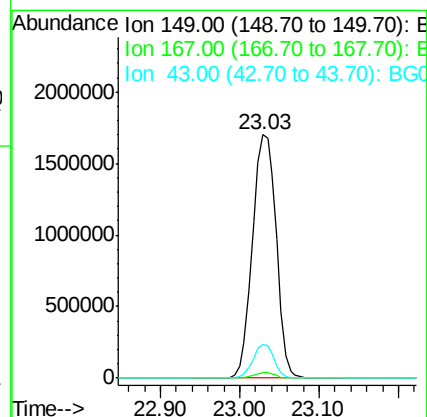
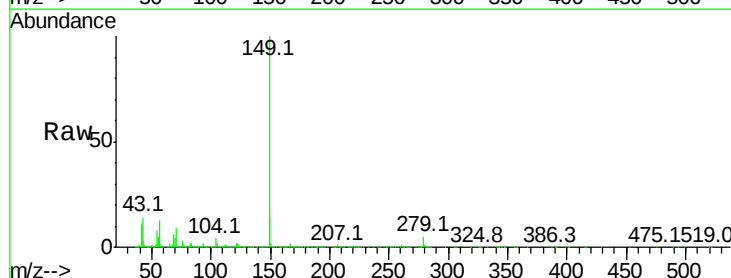
Tgt Ion:149 Resp: 3540331

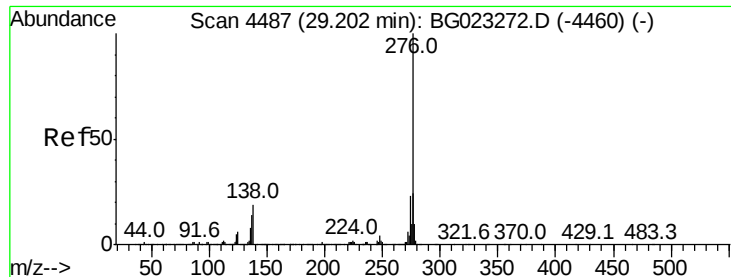
Ion	Ratio	Lower	Upper
149	100		
167	2.0	1.5	2.3
43	12.3	8.8	13.2

149 100

167 2.0 1.5 2.3

43 12.3 8.8 13.2





#85

Indeno(1,2,3-cd)pyrene

Concen: 45.20 ng

RT: 29.20 min Scan# 4488

Delta R.T. 0.01 min

Lab File: BG023337.D

Acq: 29 Jul 2016 13:05

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:276 Resp: 4434971

Ion Ratio Lower Upper

276 100

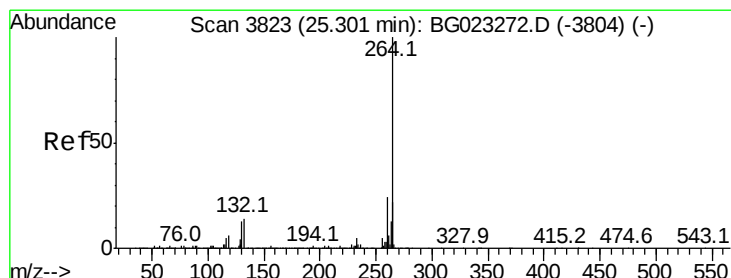
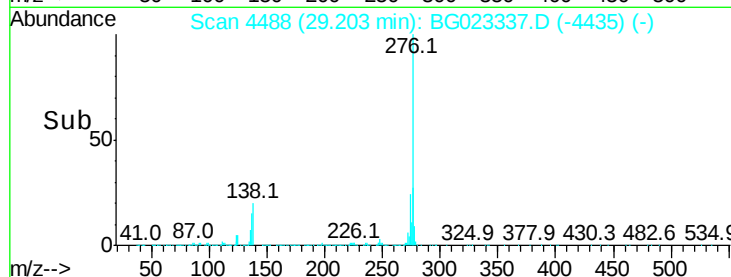
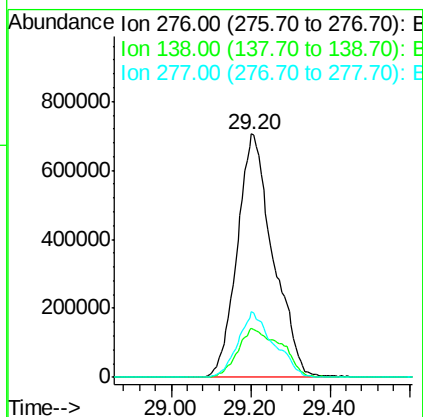
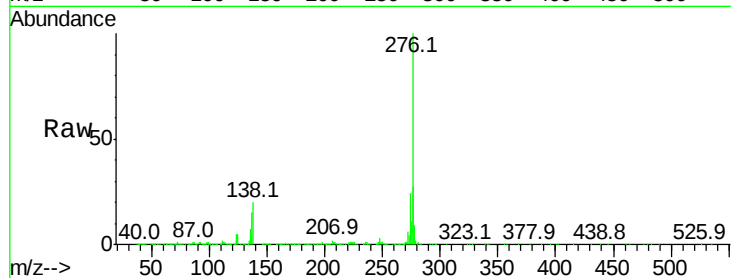
138 24.2 0.0 0.0#

277 26.8 0.0 0.0#

Manual Integrations

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#86

Perylene-d12

Concen: 20.00 ng

RT: 25.30 min Scan# 3824

Delta R.T. -0.00 min

Lab File: BG023337.D

Acq: 29 Jul 2016 13:05

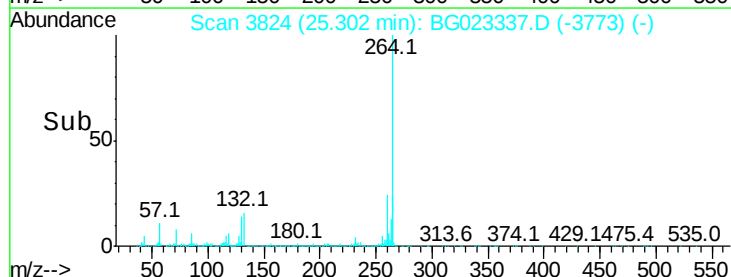
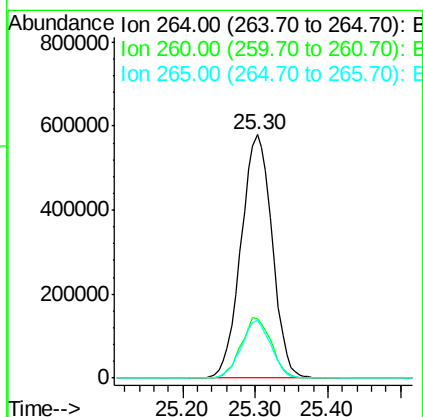
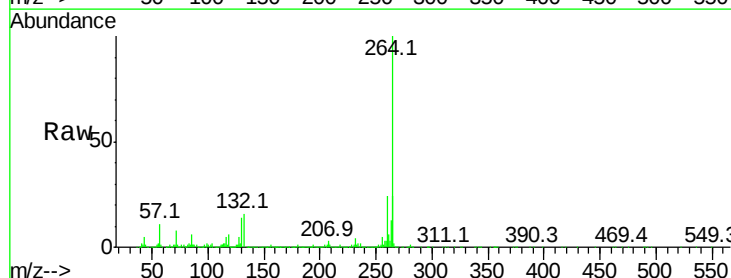
Tgt Ion:264 Resp: 1724144

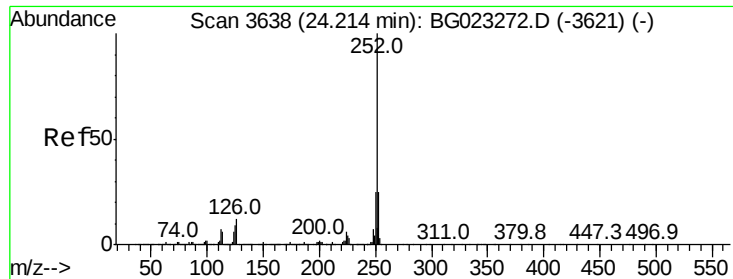
Ion Ratio Lower Upper

264 100

260 24.5 18.4 27.6

265 23.6 18.9 28.3





#87

Benzo(b)fluoranthene

Concen: 38.87 ng

RT: 24.22 min Scan# 3639

Delta R.T. 0.01 min

Lab File: BG023337.D

Acq: 29 Jul 2016 13:05

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:252 Resp: 3560530

Ion Ratio Lower Upper

252 100

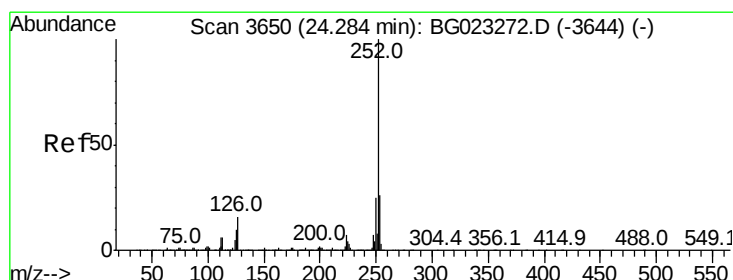
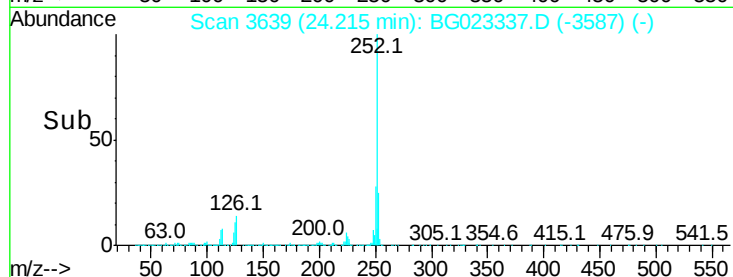
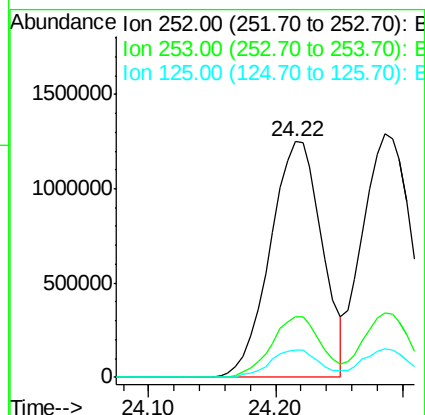
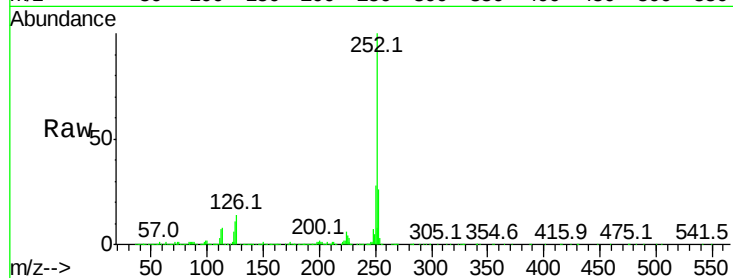
253 25.5 18.9 28.3

125 11.4 3.9 5.9#

Manual Integrations

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#88

Benzo(k)fluoranthene

Concen: 37.82 ng

RT: 24.29 min Scan# 3651

Delta R.T. 0.00 min

Lab File: BG023337.D

Acq: 29 Jul 2016 13:05

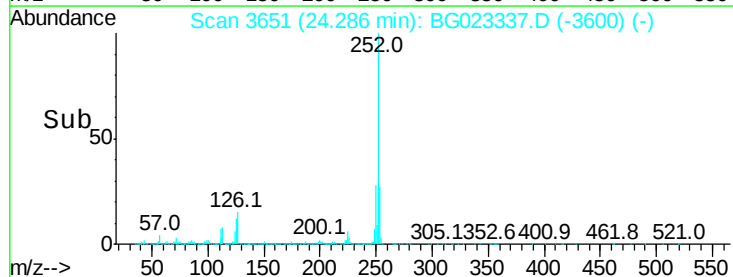
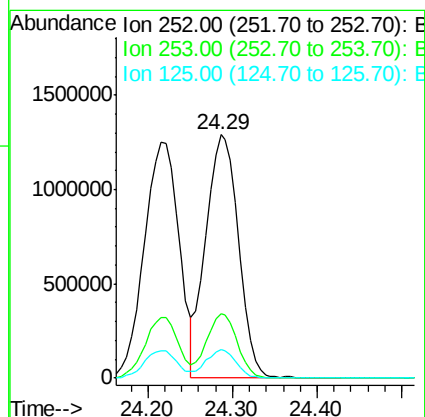
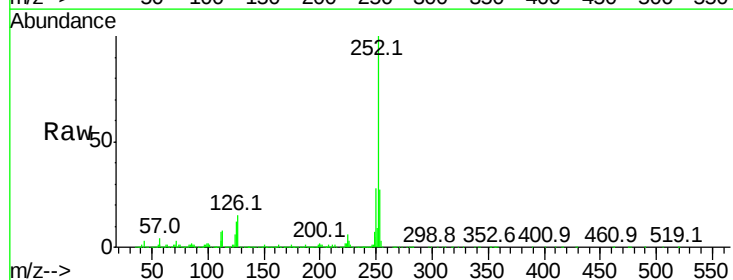
Tgt Ion:252 Resp: 3463144

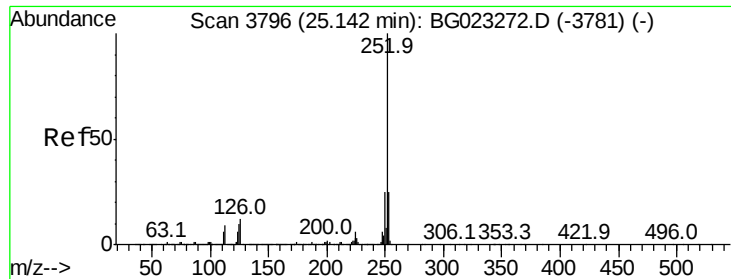
Ion Ratio Lower Upper

252 100

253 26.6 18.8 28.2

125 11.9 3.2 4.8#





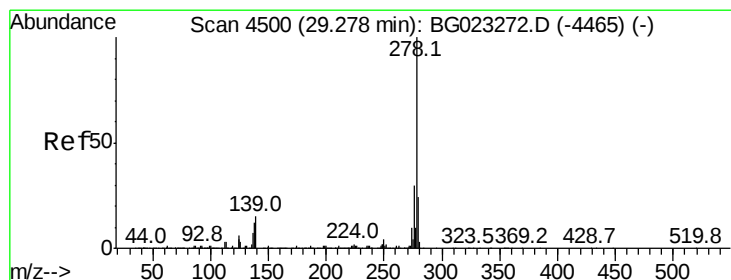
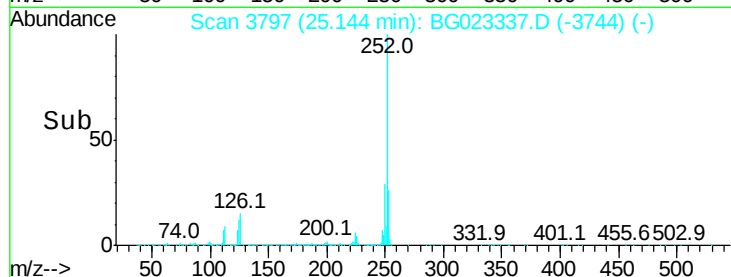
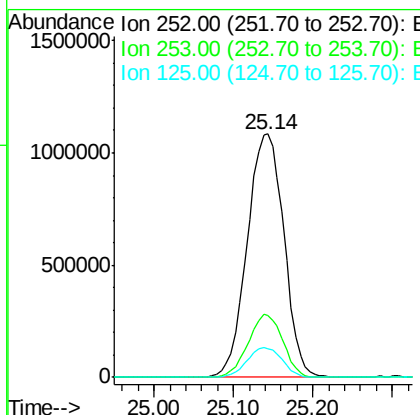
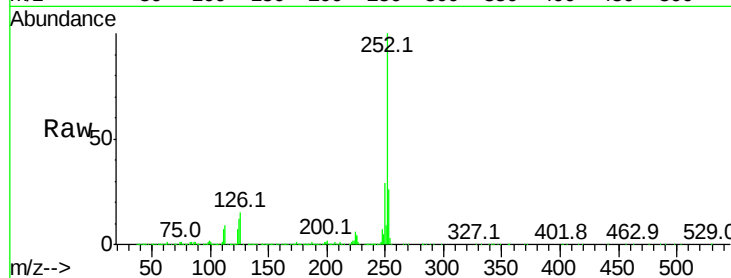
#89
Benzo(a)pyrene
Concen: 38.80 ng
RT: 25.14 min Scan# 3797
Delta R.T. 0.01 min
Lab File: BG023337.D
Acq: 29 Jul 2016 13:05

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion:252 Resp: 3482639
Ion Ratio Lower Upper
252 100
253 25.6 18.7 28.1
125 11.9 3.9 5.9#

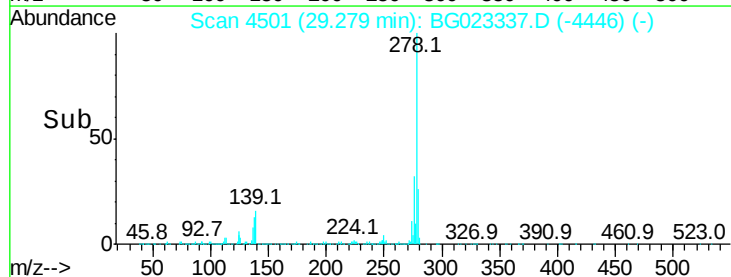
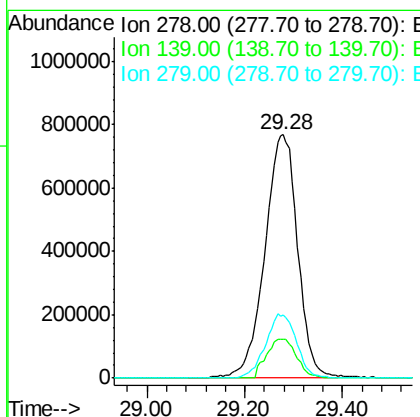
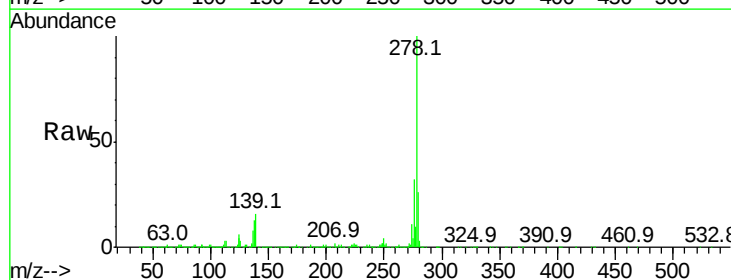
Manual Integrations

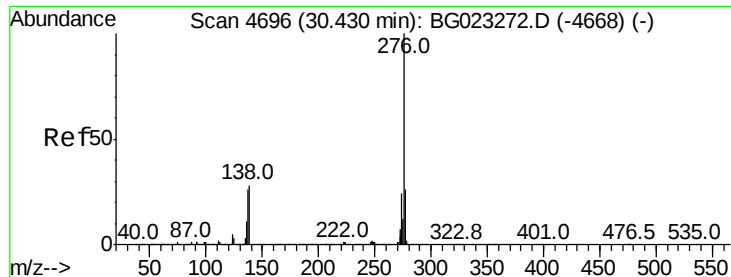
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#90
Dibenzo(a,h)anthracene
Concen: 42.25 ng
RT: 29.28 min Scan# 4501
Delta R.T. 0.02 min
Lab File: BG023337.D
Acq: 29 Jul 2016 13:05

Tgt Ion:278 Resp: 3586875
Ion Ratio Lower Upper
278 100
139 16.2 4.7 7.1#
279 26.2 18.3 27.5





#91
 Benzo(a,h,i)perylene
 Concen: 40.82 ng
 RT: 30.43 min Scan# 4697
 Delta R.T. 0.01 min
 Lab File: BG023337.D
 Acq: 29 Jul 2016 13:05

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:276 Resp: 3648443
 Ion Ratio Lower Upper
 276 100
 277 25.8 18.6 27.8
 138 20.5 6.8 10.2#

Manual Integrations

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