

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072916\
 Data File : BG023321.D
 Acq On : 29 Jul 2016 1:46
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Manual Integrations

APPROVED
 umangi
 7/29/2016 6:22:21 PM

Quant Time: Jul 29 13:43:48 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	194990	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	926865	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	635157	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	1365772	20.00	ng	0.00
75) Chrysene-d12	21.90	240	1369055	20.00	ng	0.00
86) Perylene-d12	25.30	264	1399100	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.67	112	891192	78.02	ng	0.00
7) Phenol-d6	7.29	99	1373326	78.32	ng	0.00
23) Nitrobenzene-d5	9.31	82	1330393	70.19	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	630573	95.92	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2658770	78.35	ng	0.00
78) Terphenyl-d14	20.18	244	3075861	73.03	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	175688	35.86	ng	# 92
3) Pyridine	3.94	79	553219m	32.27	ng	
4) n-Nitrosodimethylamine	3.85	42	224751	29.01	ng	# 69
6) Aniline	7.45	93	856463	36.57	ng	97
8) 2-Chlorophenol	7.70	128	499624	39.21	ng	96
9) Benzaldehyde	7.26	77	431825	34.28	ng	93
10) Phenol	7.32	94	706608	38.19	ng	# 80
11) bis(2-Chloroethyl)ether	7.55	93	558723	35.53	ng	92
12) 1,3-Dichlorobenzene	8.02	146	568089m	39.56	ng	
13) 1,4-Dichlorobenzene	8.17	146	571456	39.00	ng	96
14) 1,2-Dichlorobenzene	8.49	146	553863	39.19	ng	93
15) Benzyl Alcohol	8.37	79	474713	40.22	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	8.67	45	869928	34.76	ng	91
17) 2-Methylphenol	8.59	107	484932	38.34	ng	# 88
18) Hexachloroethane	9.23	117	218044	35.72	ng	97
19) n-Nitroso-di-n-propylamine	8.94	70	552703	35.04	ng	100
20) 3+4-Methylphenols	8.91	107	696749	40.52	ng	91
22) Acetophenone	8.97	105	908981	37.56	ng	# 90
24) Nitrobenzene	9.36	77	807302	36.68	ng	91
25) Isophorone	9.88	82	1459725	37.29	ng	# 93
26) 2-Nitrophenol	10.07	139	333250	40.09	ng	# 75
27) 2,4-Dimethylphenol	10.13	122	558959	39.89	ng	84
28) bis(2-Chloroethoxy)methane	10.37	93	802126	36.52	ng	97
29) 2,4-Dichlorophenol	10.62	162	564467	41.61	ng	99
30) 1,2,4-Trichlorobenzene	10.83	180	596689	39.80	ng	96
31) Naphthalene	11.02	128	1701785	39.52	ng	98
32) Benzoic acid	10.28	122	386522	36.27	ng	# 86
33) 4-Chloroaniline	11.14	127	770358	38.72	ng	91
34) Hexachlorobutadiene	11.31	225	387006	39.39	ng	96
35) Caprolactam	11.92	113	219280	38.01	ng	94
36) 4-Chloro-3-methylphenol	12.26	107	713090	40.01	ng	94
37) 2-Methylnaphthalene	12.63	142	1281343m	40.13	ng	
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	839912	40.84	ng	99
40) Hexachlorocyclopentadiene	12.97	237	381328	39.13	ng	98

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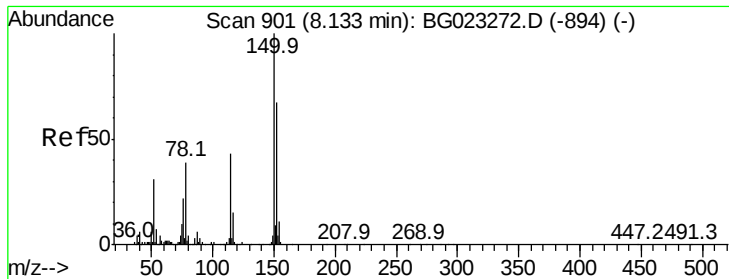
Manual Integrations

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 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	516402	42.76	nq	98
43) 2,4,5-Trichlorophenol	13.31	196	536663	41.89	nq	93
45) 1,1'-Biphenyl	13.64	154	1779076	40.16	nq	92
46) 2-Chloronaphthalene	13.69	162	1375765	38.76	nq	97
47) 2-Nitroaniline	13.89	65	550614	36.67	nq	# 87
48) Acenaphthylene	14.53	152	2146509	39.50	nq	94
49) Dimethylphthalate	14.25	163	1767416	37.71	nq	97
50) 2,6-Dinitrotoluene	14.38	165	420677	38.33	nq	# 79
51) Acenaphthene	14.87	154	1384769	39.28	nq	97
52) 3-Nitroaniline	14.72	138	434502	39.30	nq	# 79
53) 2,4-Dinitrophenol	14.92	184	219420	34.14	nq	# 87
54) Dibenzofuran	15.21	168	1909314	38.28	nq	97
55) 4-Nitrophenol	15.04	139	339370	35.39	nq	# 75
56) 2,4-Dinitrotoluene	15.17	165	589194	38.12	nq	94
57) Fluorene	15.86	166	1684974	38.26	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.44	232	439941	40.56	nq	93
59) Diethylphthalate	15.62	149	1766944	36.80	nq	96
60) 4-Chlorophenyl-phenylether	15.85	204	902239	37.84	nq	98
61) 4-Nitroaniline	15.89	138	446977	38.56	nq	# 61
62) Azobenzene	16.14	77	1762199	35.40	nq	90
64) 4,6-Dinitro-2-methylphenol	15.94	198	360659	41.11	nq	93
65) n-Nitrosodiphenylamine	16.06	169	1531495	42.00	nq	93
66) 4-Bromophenyl-phenylether	16.75	248	610599	44.22	nq	98
67) Hexachlorobenzene	16.87	284	636459	45.84	nq	97
68) Atrazine	17.02	200	588119	42.05	nq	95
69) Pentachlorophenol	17.22	266	369555	43.12	nq	96
70) Phenanthrene	17.61	178	2476750m	41.46	nq	
71) Anthracene	17.71	178	2527882	41.88	nq	94
72) Carbazole	17.98	167	2293445	41.49	nq	95
73) Di-n-butylphthalate	18.52	149	2610493	42.32	nq	97
74) Fluoranthene	19.63	202	2696702	39.56	nq	91
76) Benzidine	19.81	184	1383490	35.93	nq	98
77) Pyrene	19.99	202	2722480	35.04	nq	93
79) Butylbenzylphthalate	20.86	149	1334901	39.05	nq	97
80) Benzo(a)anthracene	21.87	228	2726334	38.04	nq	97
81) 3,3'-Dichlorobenzidine	21.79	252	1190819	40.98	nq	# 94
82) Chrysene	21.94	228	2587470	37.36	nq	93
83) Bis(2-ethylhexyl)phthalate	21.76	149	1845388	38.58	nq	95
84) Di-n-octyl phthalate	23.03	149	3002610	38.38	nq	99
85) Indeno(1,2,3-cd)pyrene	29.21	276	3562431	44.10	nq	# 100
87) Benzo(b)fluoranthene	24.21	252	2974840	40.02	nq	# 95
88) Benzo(k)fluoranthene	24.29	252	2796029	37.63	nq	# 91
89) Benzo(a)pyrene	25.14	252	2875101	39.47	nq	# 96
90) Dibenzo(a,h)anthracene	29.28	278	2925811	42.47	nq	# 89
91) Benzo(g,h,i)perylene	30.43	276	2932026	40.42	nq	# 89

(#) = 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: BG023321.D

Acq: 29 Jul 2016 1:46

Instrument :

BNA_G

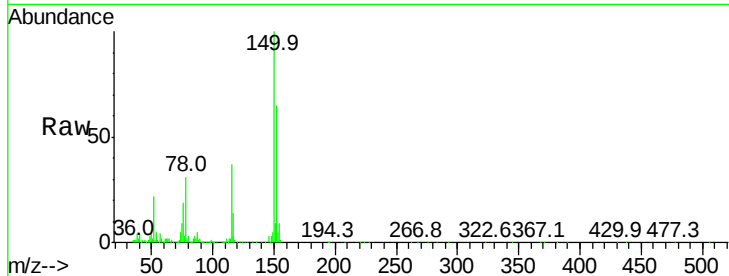
ClientSampleId :

SSTDCCC040

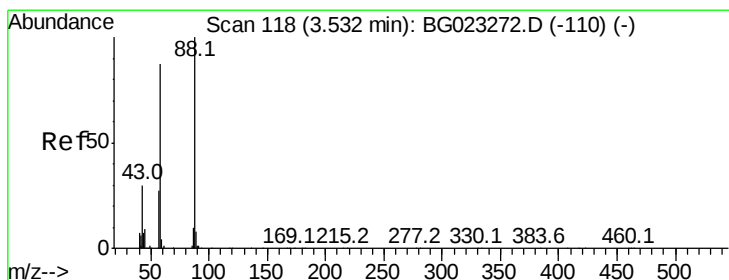
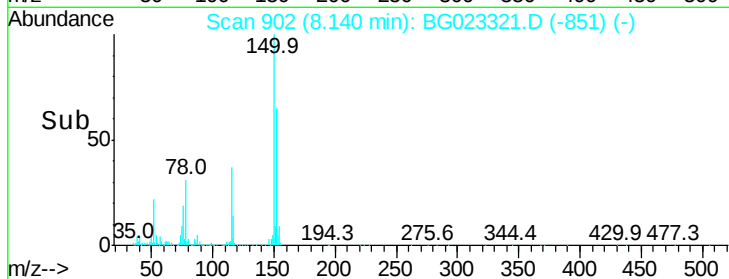
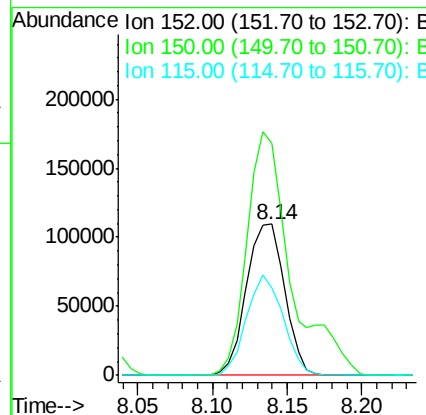
Manual Integrations

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Tot Ion	152	Resp	194990
Ion	Ratio	Lower	Upper
152	100		
150	153.7	144.7	217.1
115	57.5	64.0	96.0#



#2

1,4-Dioxane

Concen: 35.86 ng

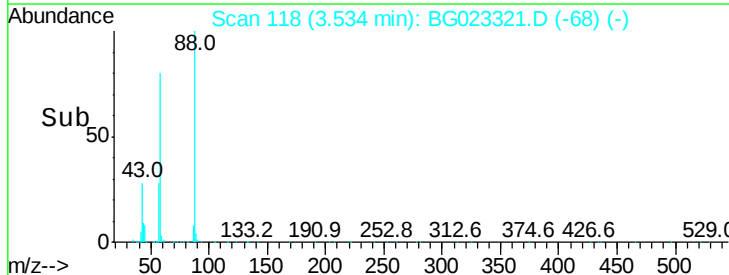
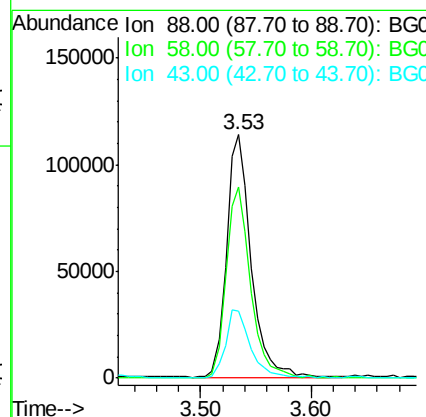
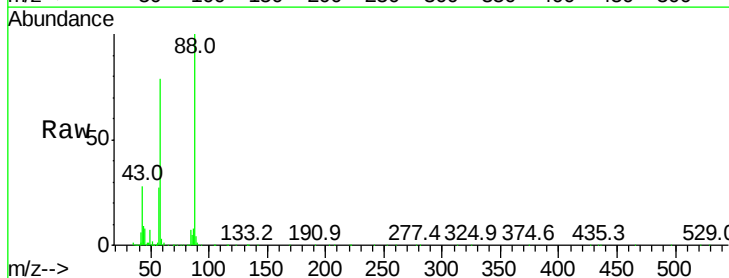
RT: 3.53 min Scan# 118

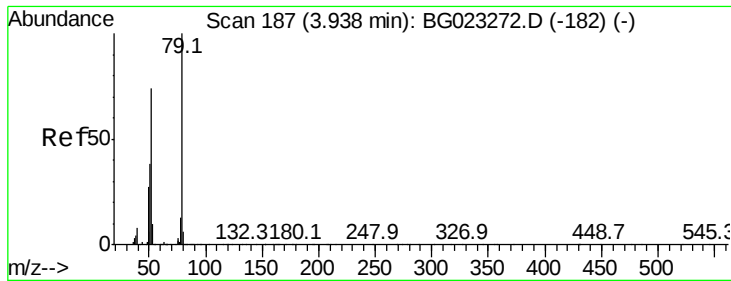
Delta R.T. -0.00 min

Lab File: BG023321.D

Acq: 29 Jul 2016 1:46

Tgt Ion	88	Resp	175688
Ion	Ratio	Lower	Upper
88	100		
58	78.4	60.4	90.6
43	28.7	31.1	46.7#





#3

Pvridine

Concen: 32.27 ng/ml

RT: 3.94 min Scan# 187

Delta R.T. -0.02 min

Lab File: BG023321.D

Acq: 29 Jul 2016 1:46

Instrument :

BNA_G

ClientSampleId :

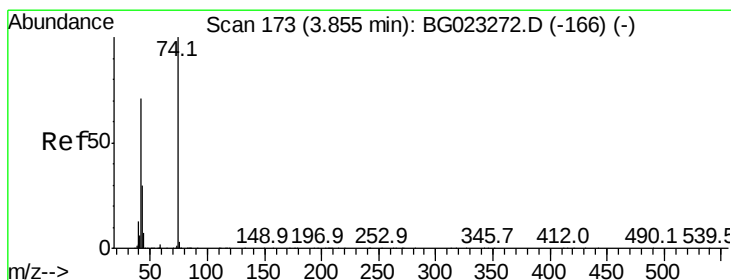
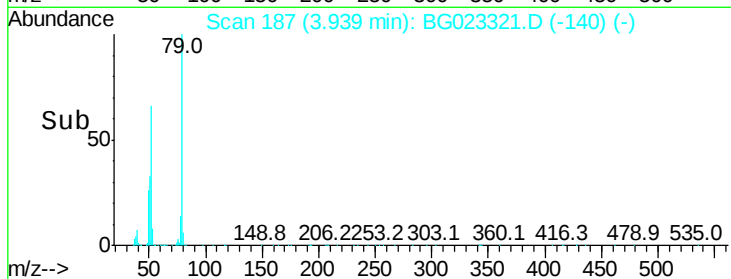
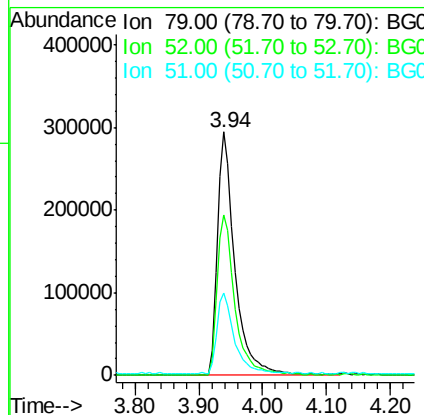
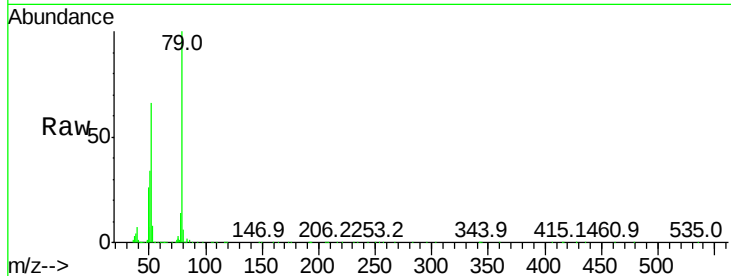
SSTDCCC040

Tot Ion:	79	Resp:	553219
Ion Ratio	Lower	Upper	
79	100		
52	66.1	51.8	77.8
51	33.9	32.7	49.1

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 29.01 ng/ml

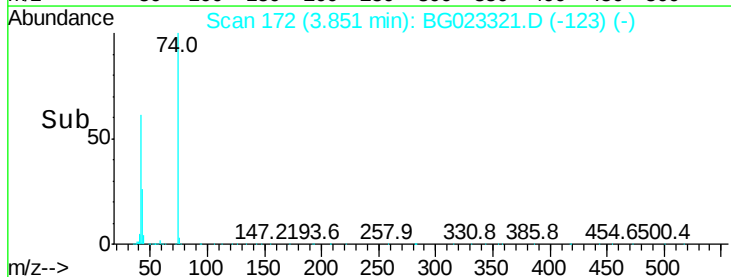
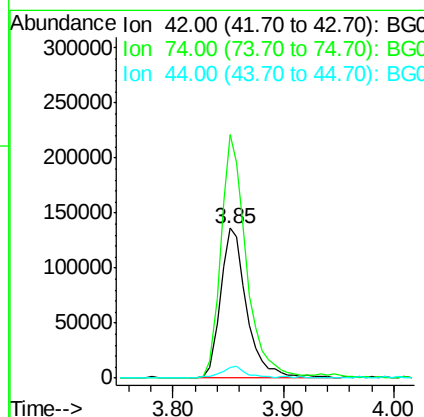
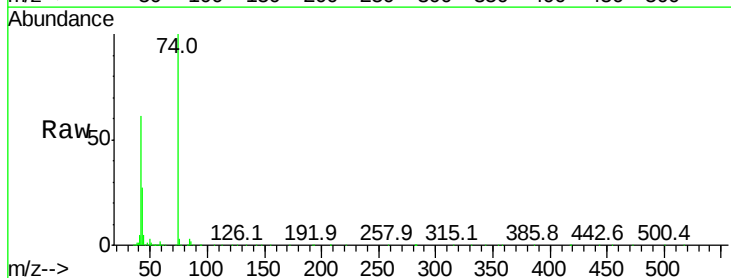
RT: 3.85 min Scan# 172

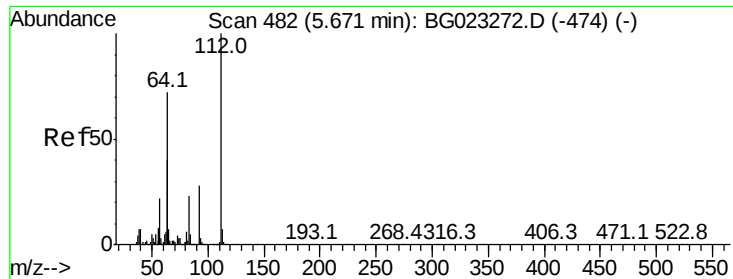
Delta R.T. -0.01 min

Lab File: BG023321.D

Acq: 29 Jul 2016 1:46

Tgt Ion:	42	Resp:	224751
Ion Ratio	Lower	Upper	
42	100		
74	162.7	100.6	150.8#
44	7.5	4.5	6.7#





#5

2-Fluorophenol

Concen: 78.02 ng

RT: 5.67 min Scan# 482

Delta R.T. -0.00 min

Lab File: BG023321.D

Acq: 29 Jul 2016 1:46

Instrument :

BNA_G

ClientSampleId :

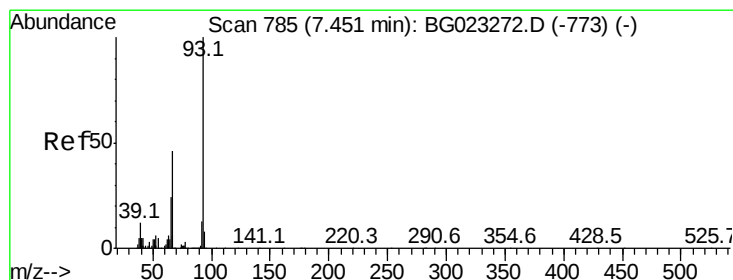
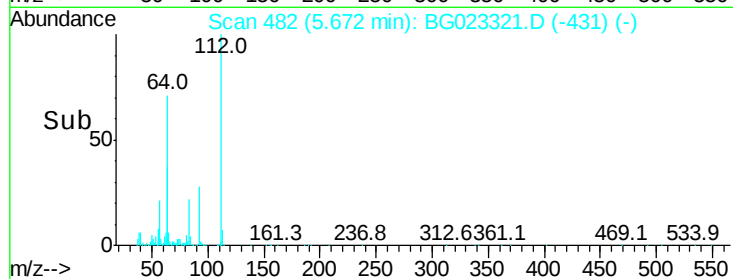
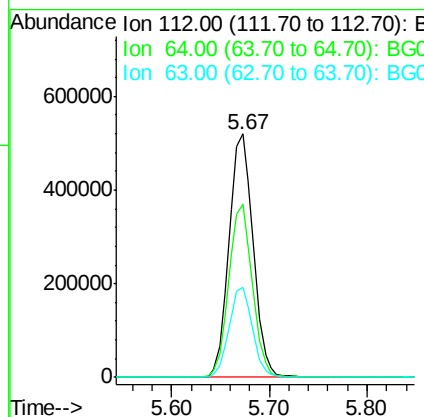
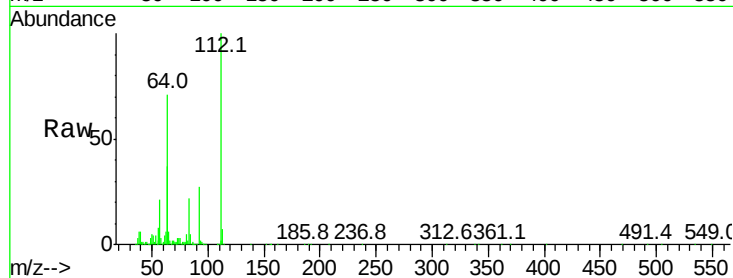
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
112	100	891192		
64	71.1	59.0	88.4	
63	37.1	37.8	56.8	

Manual Integrations

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#6

Aniline

Concen: 36.57 ng

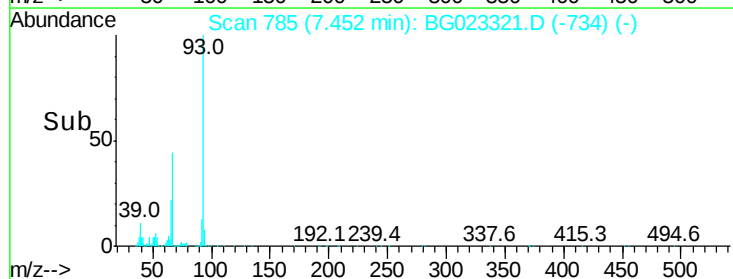
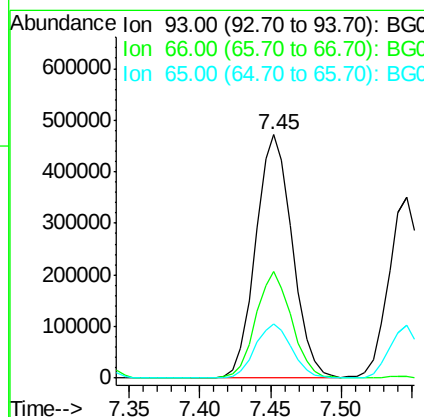
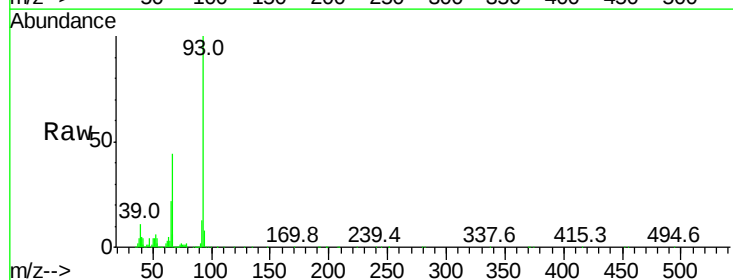
RT: 7.45 min Scan# 785

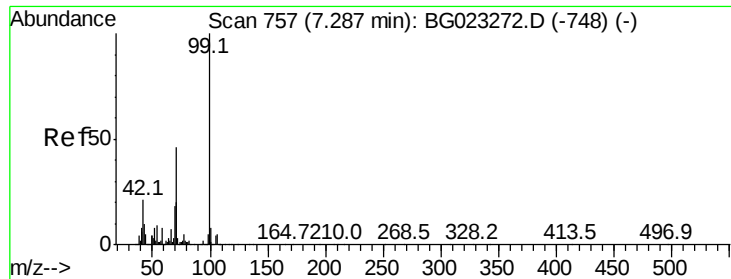
Delta R.T. -0.00 min

Lab File: BG023321.D

Acq: 29 Jul 2016 1:46

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	856463		
66	44.0	37.5	56.3	
65	22.1	17.9	26.9	





#7

Phenol-d6

Concen: 78.32 ng

RT: 7.29 min Scan# 757

Delta R.T. -0.00 min

Lab File: BG023321.D

Acq: 29 Jul 2016 1:46

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1373326

Ion Ratio Lower Upper

99 100

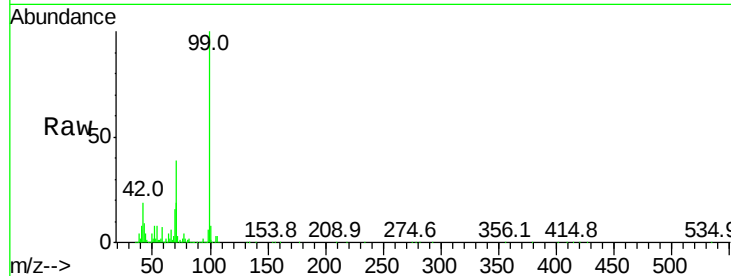
42 18.6 17.8 26.6

71 38.7 41.5 62.3#

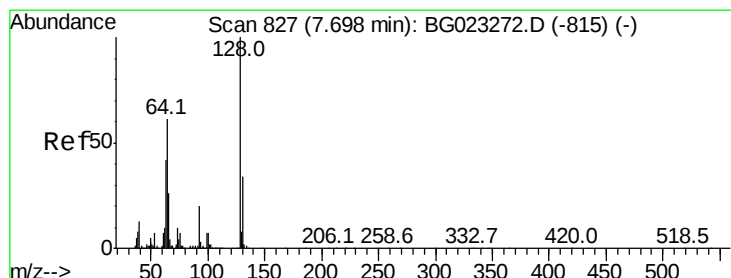
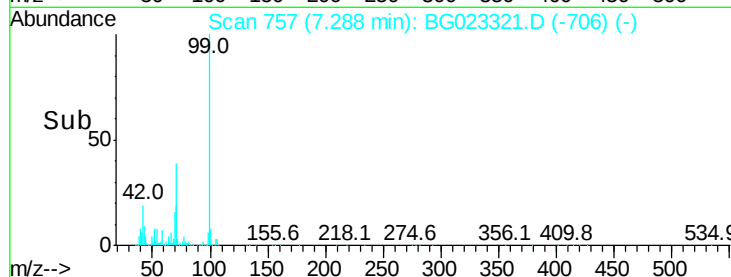
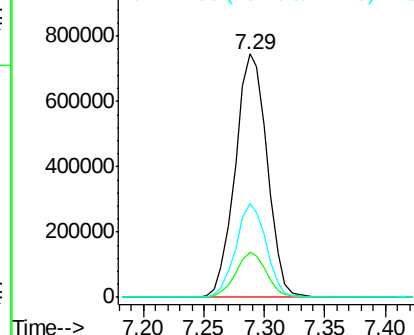
Manual Integrations

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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 39.21 ng

RT: 7.70 min Scan# 827

Delta R.T. -0.00 min

Lab File: BG023321.D

Acq: 29 Jul 2016 1:46

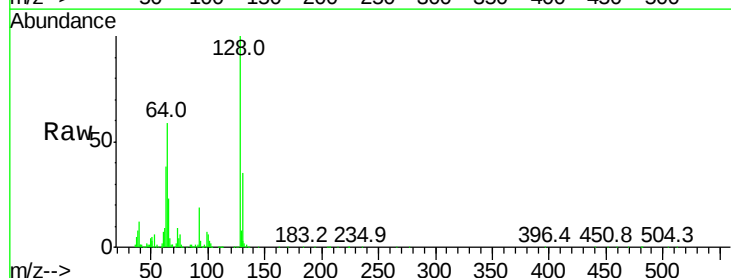
Tgt Ion: 128 Resp: 499624

Ion Ratio Lower Upper

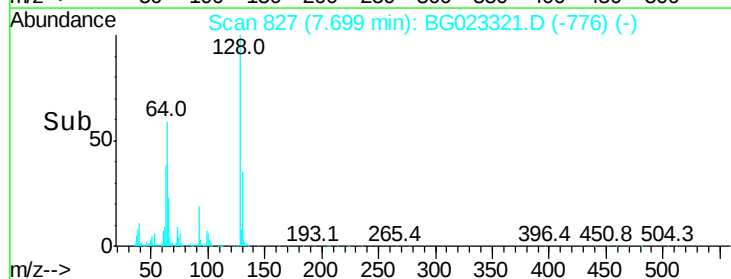
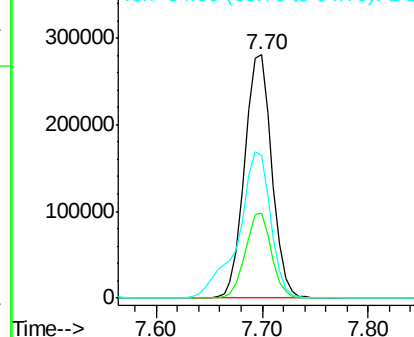
128 100

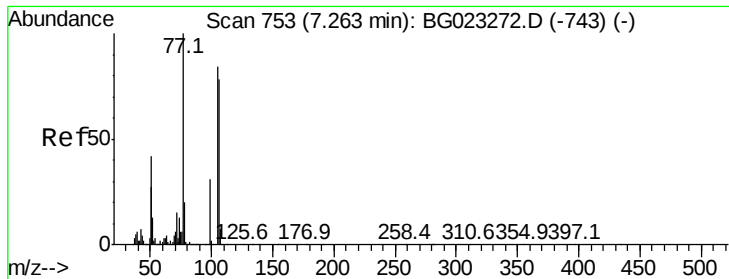
130 34.9 12.9 52.9

64 58.6 42.0 82.0



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 34.28 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG023321.D

Acq: 29 Jul 2016 1:46

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 431825

Ion Ratio Lower Upper

77 100

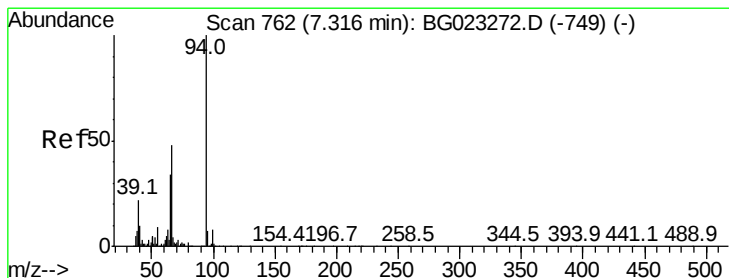
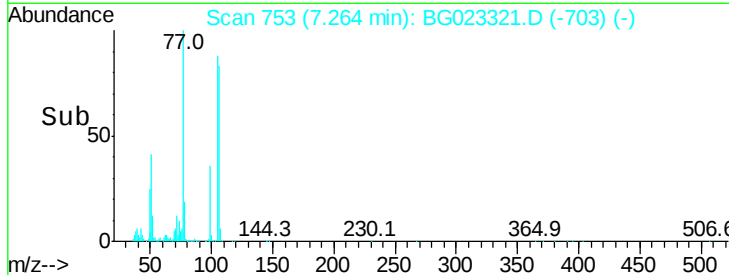
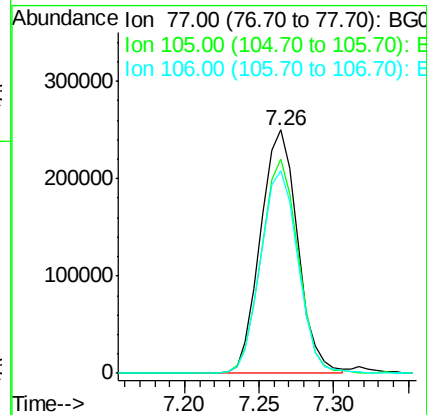
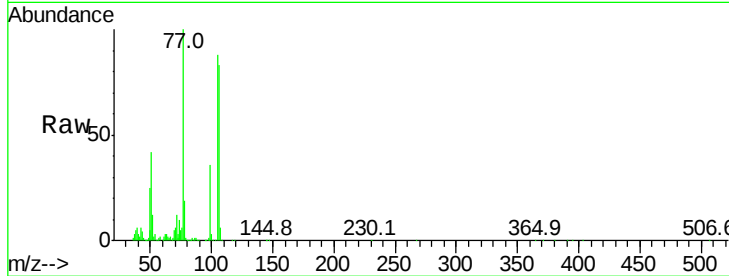
105 87.9 58.7 98.7

106 83.2 67.5 107.5

Manual Integrations

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#10

Phenol

Concen: 38.19 ng

RT: 7.32 min Scan# 762

Delta R.T. -0.00 min

Lab File: BG023321.D

Acq: 29 Jul 2016 1:46

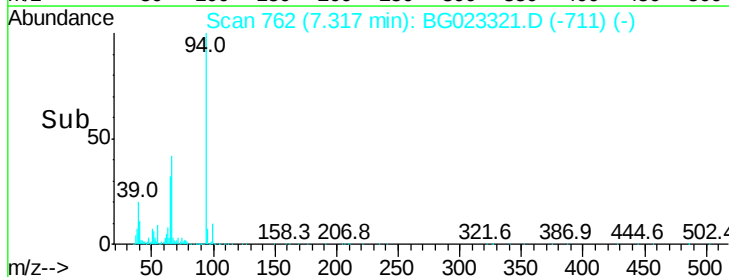
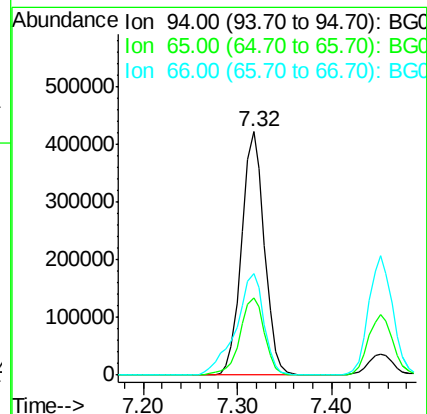
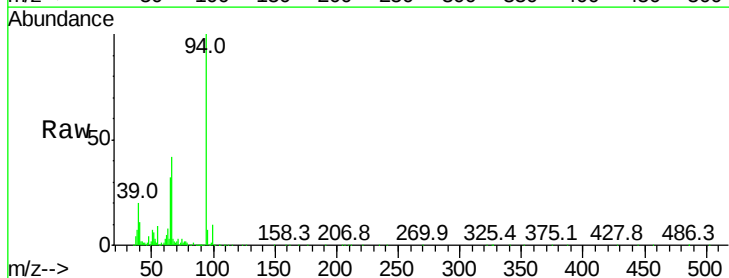
Tgt Ion: 94 Resp: 706608

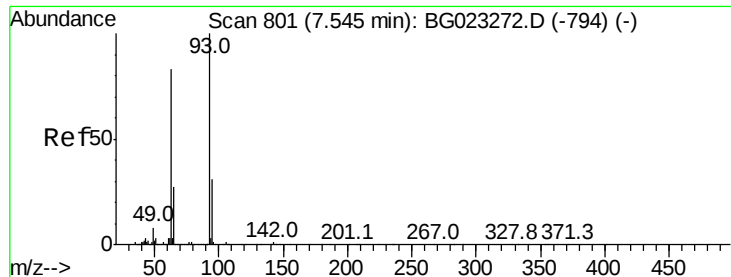
Ion Ratio Lower Upper

94 100

65 31.8 18.1 58.1

66 41.9 42.1 82.1#





#11

bis(2-Chloroethyl)ether

Concen: 35.53 ng

RT: 7.55 min Scan# 801

Delta R.T. -0.00 min

Lab File: BG023321.D

Acq: 29 Jul 2016 1:46

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion: 93 Resp: 558723

Ion Ratio Lower Upper

93 100

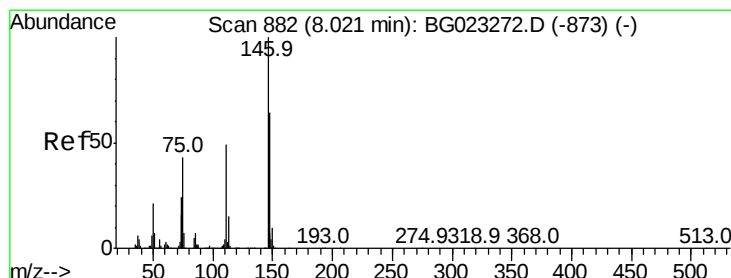
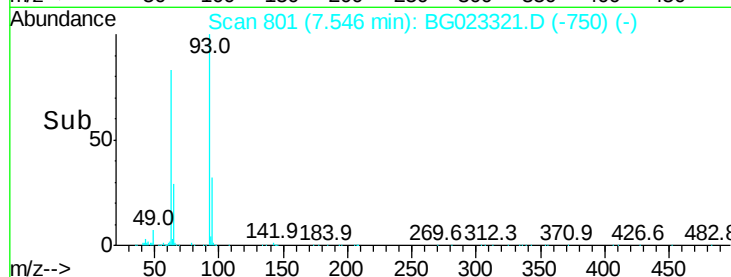
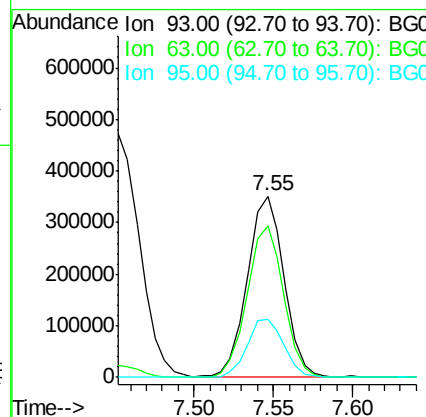
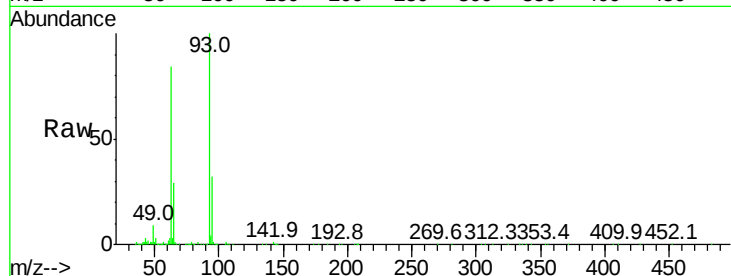
63 83.8 55.0 95.0

95 32.1 11.0 51.0

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#12

1,3-Dichlorobenzene

Concen: 39.56 ng m

RT: 8.02 min Scan# 882

Delta R.T. -0.00 min

Lab File: BG023321.D

Acq: 29 Jul 2016 1:46

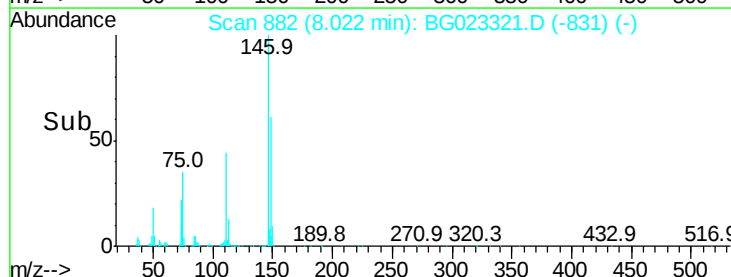
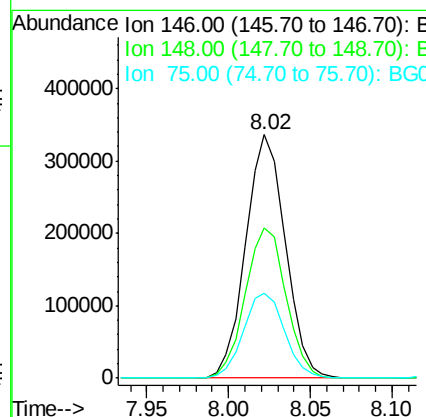
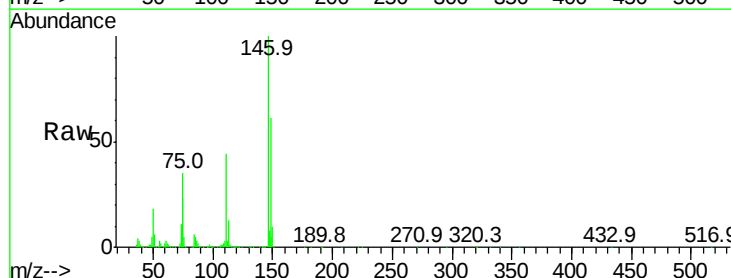
Tgt Ion: 146 Resp: 568089

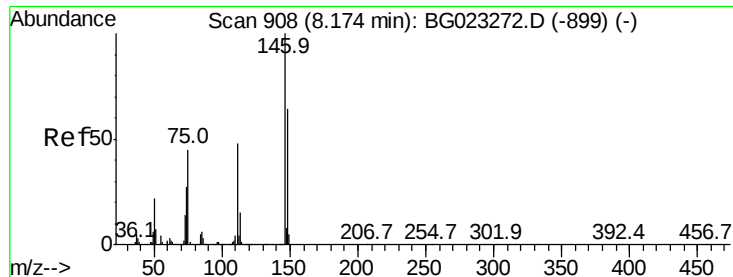
Ion Ratio Lower Upper

146 100

148 61.4 50.3 75.5

75 35.0 37.0 55.6#





#13

1,4-Dichlorobenzene

Concen: 39.00 ng

RT: 8.17 min Scan# 907

Delta R.T. -0.01 min

Lab File: BG023321.D

Acq: 29 Jul 2016 1:46

Instrument :

BNA_G

ClientSampleId :

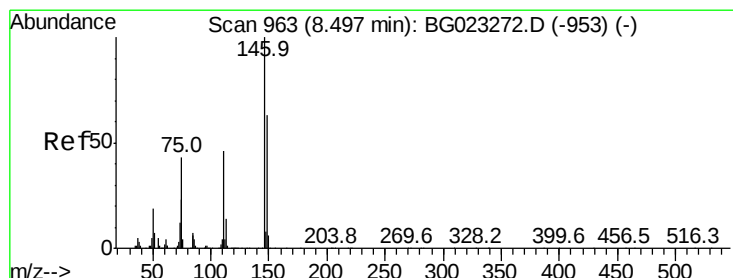
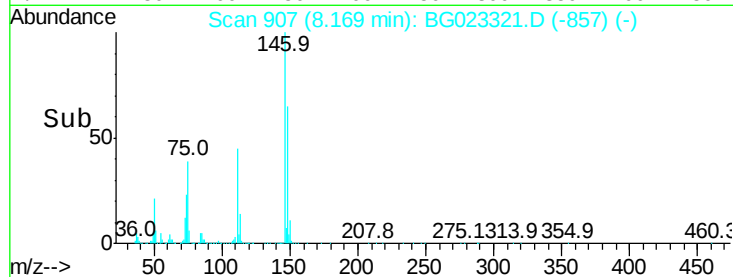
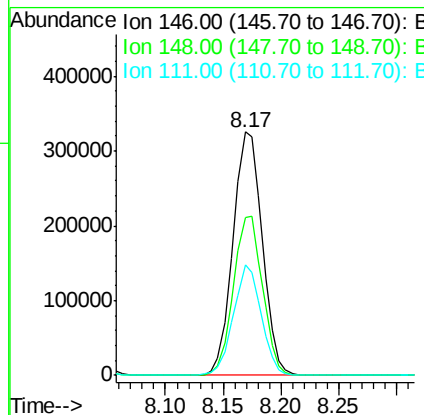
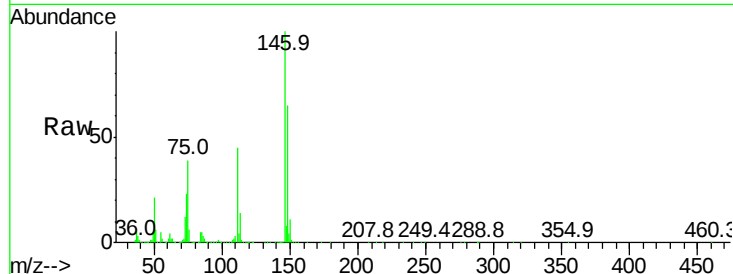
SSTDCCC040

Tot Ion:	146	Resp:	571456
Ion Ratio	Lower	Upper	
146	100		
148	64.7	54.5	81.7
111	45.5	37.8	56.8

Manual Integrations

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#14

1,2-Dichlorobenzene

Concen: 39.19 ng

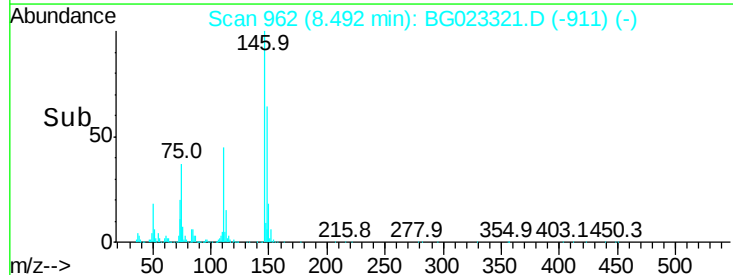
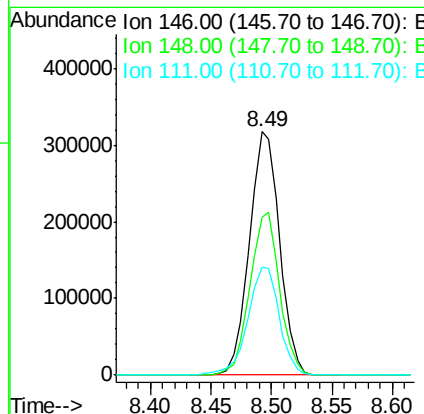
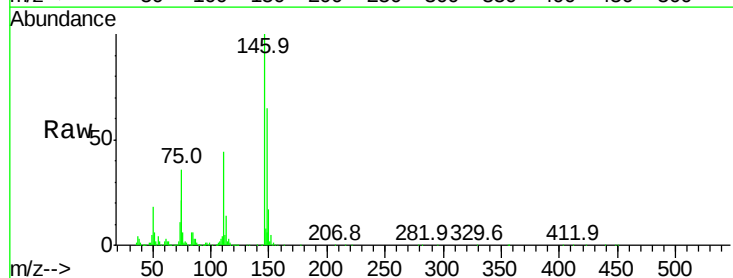
RT: 8.49 min Scan# 962

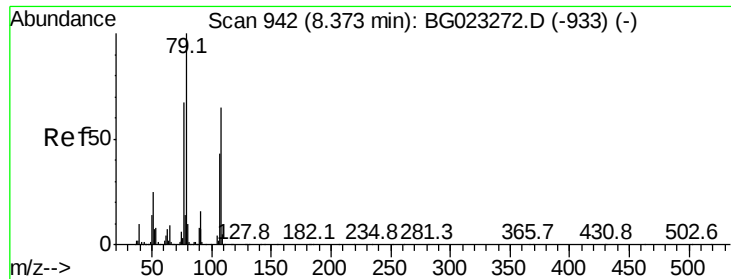
Delta R.T. -0.00 min

Lab File: BG023321.D

Acq: 29 Jul 2016 1:46

Tgt Ion:	146	Resp:	553863
Ion Ratio	Lower	Upper	
146	100		
148	64.7	52.9	79.3
111	44.3	43.5	65.3





#15

Benzyl Alcohol

Concen: 40.22 ng

RT: 8.37 min Scan# 942

Delta R.T. -0.01 min

Lab File: BG023321.D

Acq: 29 Jul 2016 1:46

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion: 79 Resp: 474713

Ion Ratio Lower Upper

79 100

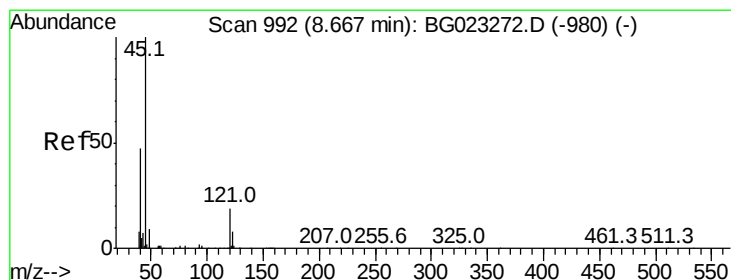
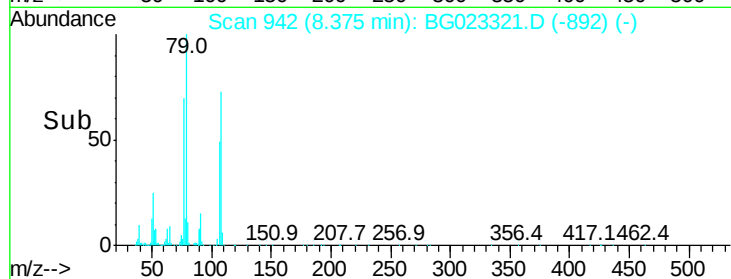
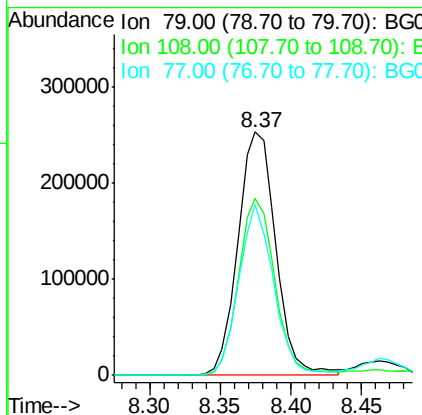
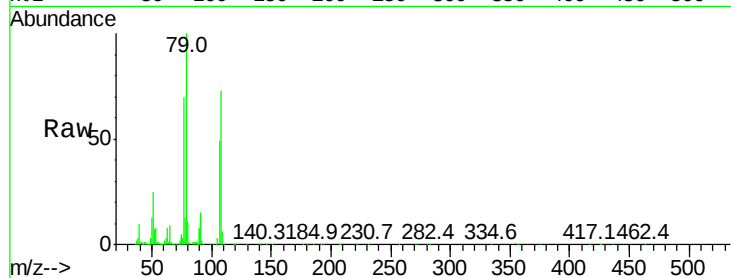
108 72.8 46.5 69.7#

77 69.9 52.3 78.5

Manual Integrations

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.76 ng

RT: 8.67 min Scan# 992

Delta R.T. -0.01 min

Lab File: BG023321.D

Acq: 29 Jul 2016 1:46

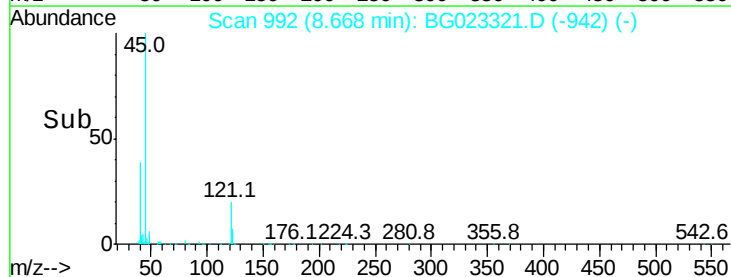
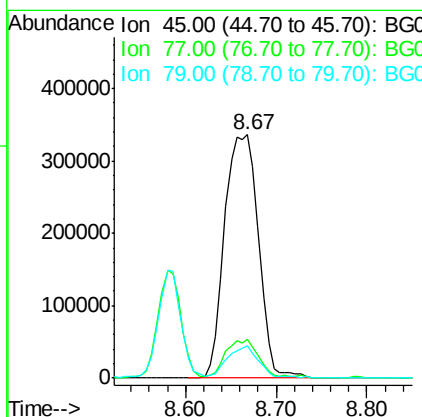
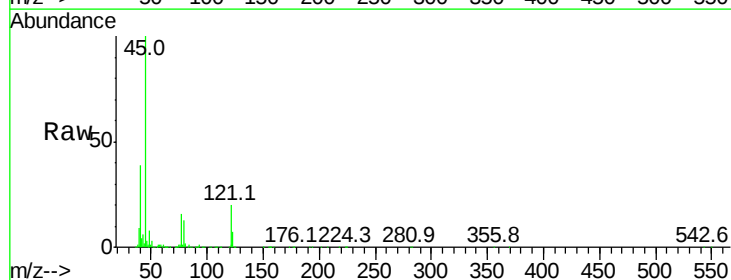
Tgt Ion: 45 Resp: 869928

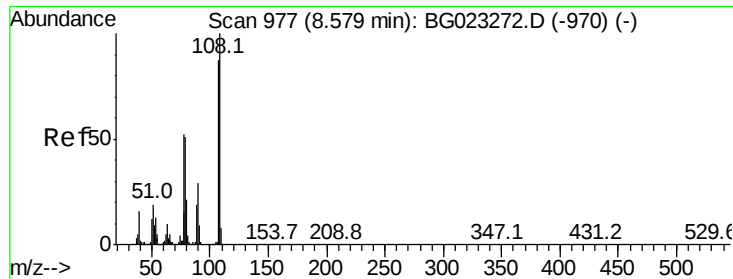
Ion Ratio Lower Upper

45 100

77 15.8 0.6 40.6

79 13.3 0.0 36.2





#17

2-Methylphenol

Concen: 38.34 ng

RT: 8.59 min Scan# 978

Delta R.T. -0.00 min

Lab File: BG023321.D

Acq: 29 Jul 2016 1:46

Instrument :

BNA_G

ClientSampleId :

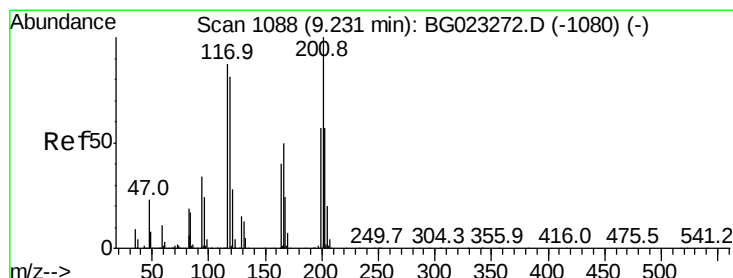
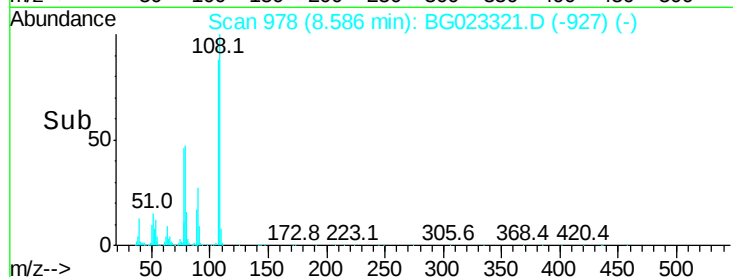
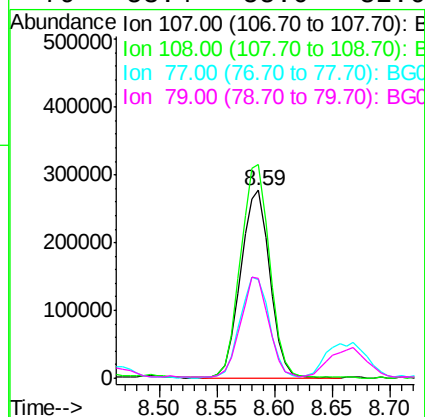
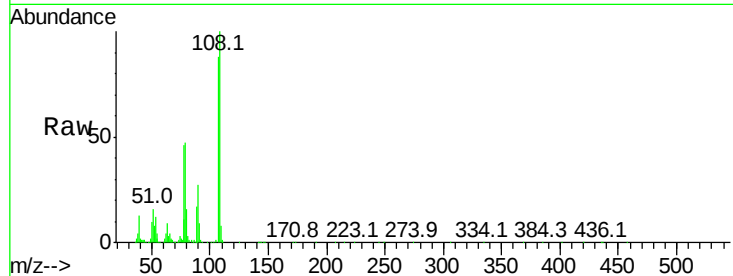
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.7	92.0	138.0	
77	52.2	55.8	83.6	
79	53.4	55.0	82.6	

Manual Integrations

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#18

Hexachloroethane

Concen: 35.72 ng

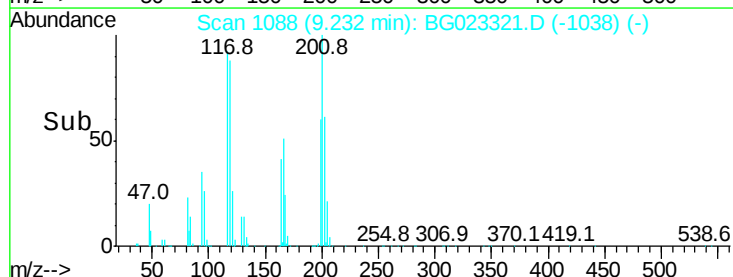
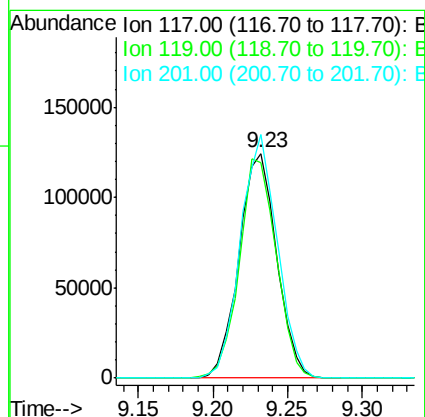
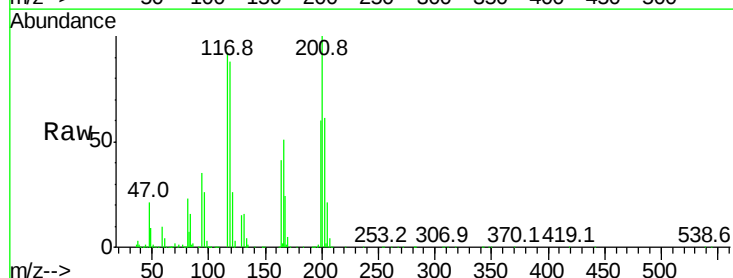
RT: 9.23 min Scan# 1088

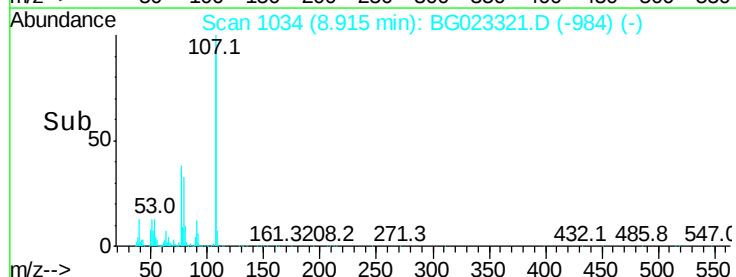
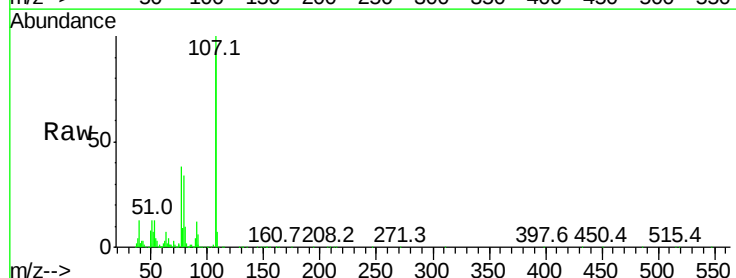
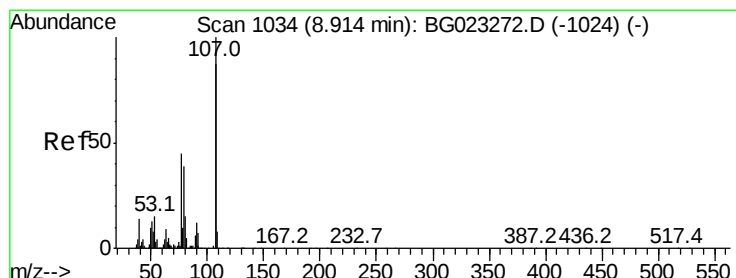
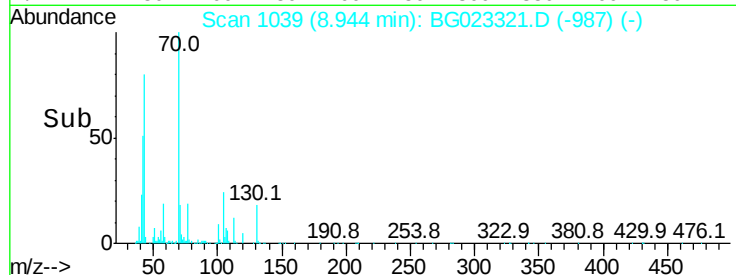
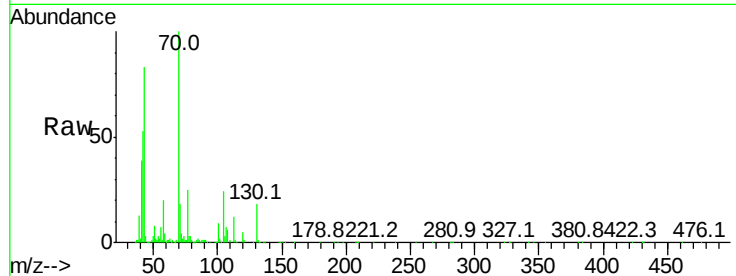
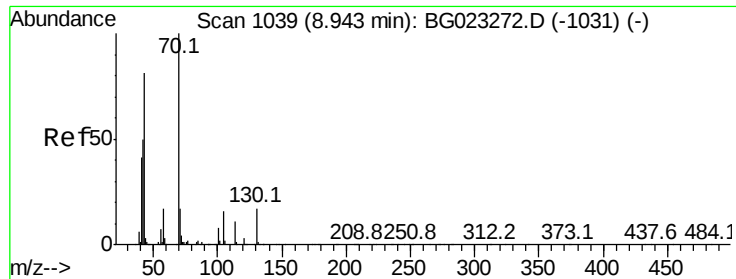
Delta R.T. -0.01 min

Lab File: BG023321.D

Acq: 29 Jul 2016 1:46

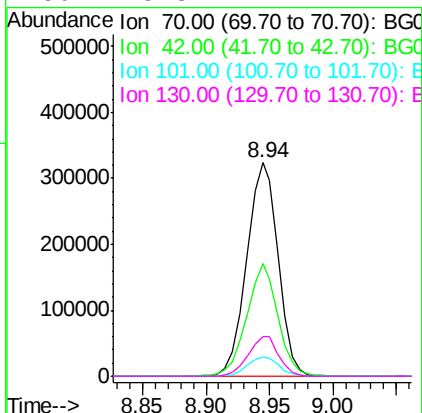
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.7	73.7	110.5	
201	108.3	88.7	133.1	





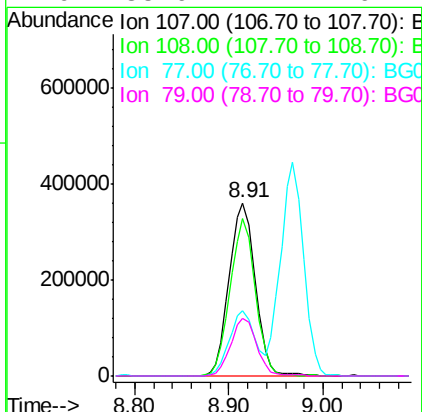
#19
n-Nitroso-di-n-propylamine
Concen: 35.04 ng
RT: 8.94 min Scan# 1039
Delta R.T. 0.01 min
Lab File: BG023321.D
Acq: 29 Jul 2016 1:46

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	52.7	42.1	63.1	
101	8.8	7.2	10.8	
130	18.3	14.2	21.2	



#20
3+4-Methylphenols
Concen: 40.52 ng
RT: 8.91 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG023321.D
Acq: 29 Jul 2016 1:46

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.3	72.5	112.5	
77	38.0	30.1	70.1	
79	33.6	24.2	64.2	

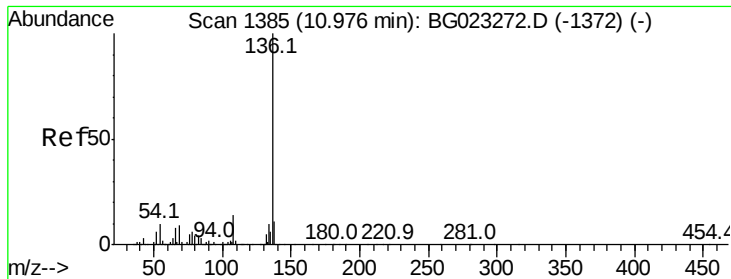


Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

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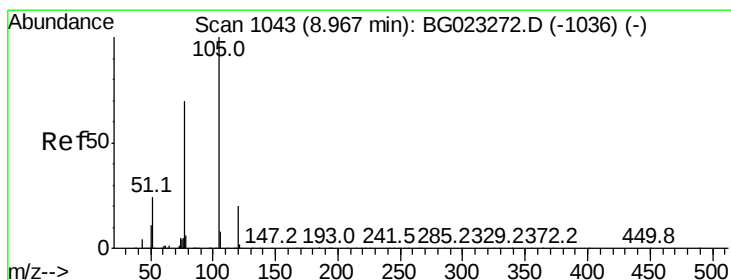
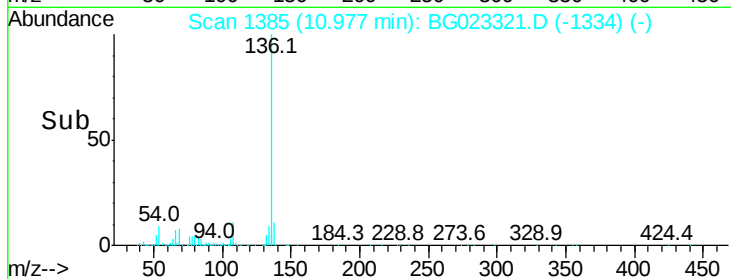
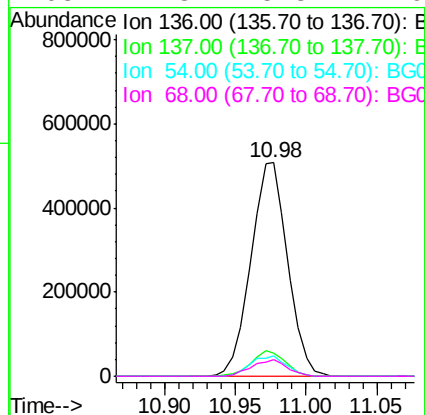
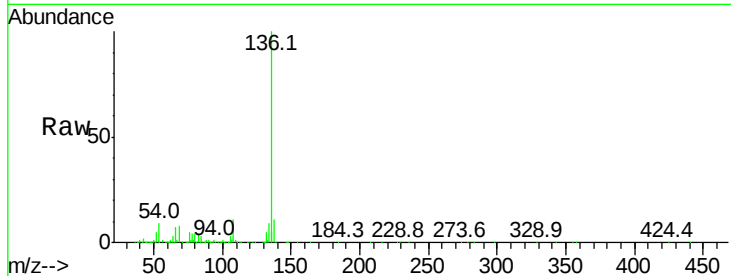
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1385
Delta R.T. -0.00 min
Lab File: BG023321.D
Acq: 29 Jul 2016 1:46

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	926865		
137	10.9		9.6	14.4
54	9.4		7.3	10.9
68	7.8		5.3	7.9

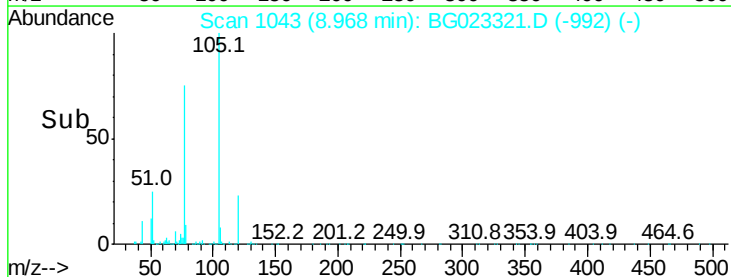
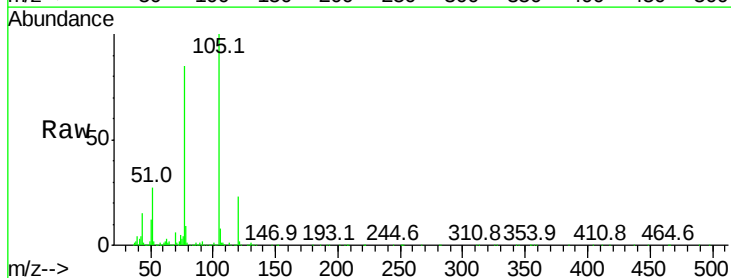
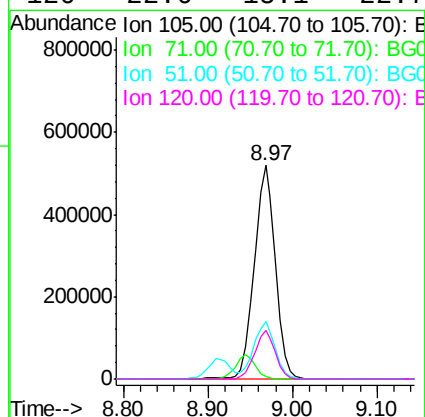
Manual Integrations

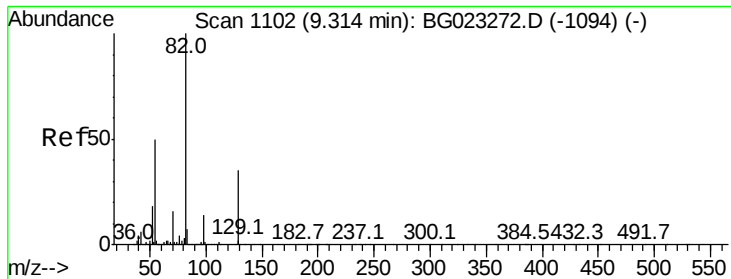
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#22
Acetophenone
Concen: 37.56 ng
RT: 8.97 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BG023321.D
Acq: 29 Jul 2016 1:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	908981		
71	1.0		2.6	3.8#
51	27.0		27.1	40.7#
120	22.6		15.1	22.7





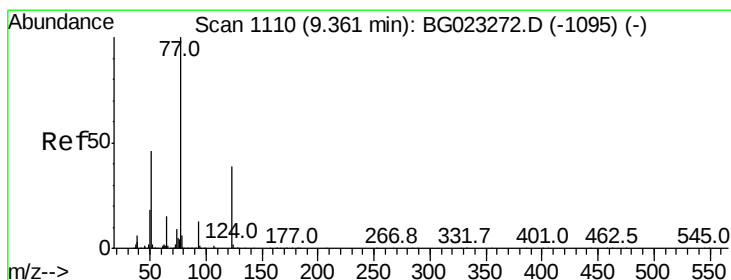
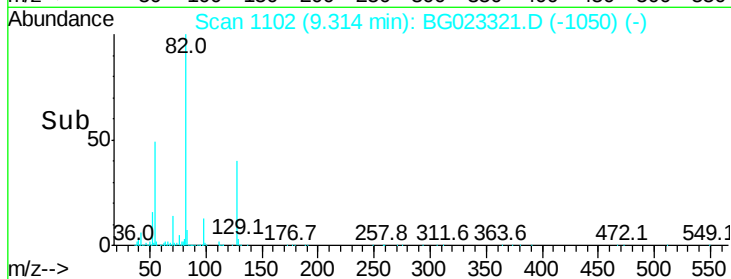
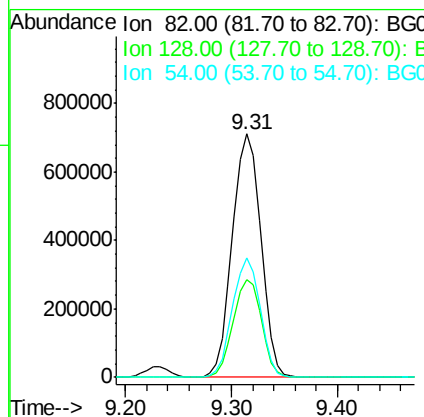
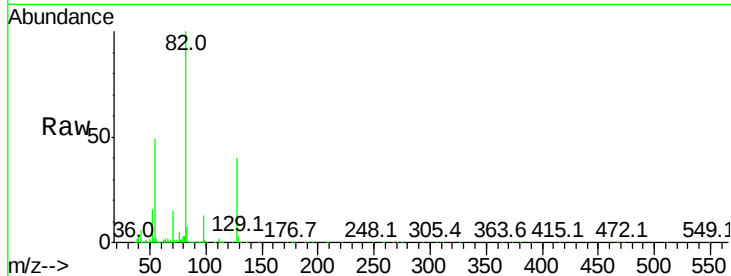
#23
Nitrobenzene-d5
Concen: 70.19 ng
RT: 9.31 min Scan# 1102
Delta R.T. 0.01 min
Lab File: BG023321.D
Acq: 29 Jul 2016 1:46

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	82	Resp	1330393
Ion Ratio	100	Lower	Upper
82	100		
128	40.2	24.4	36.6#
54	49.3	41.4	62.0

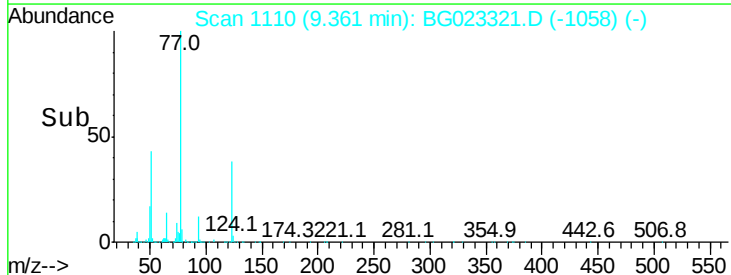
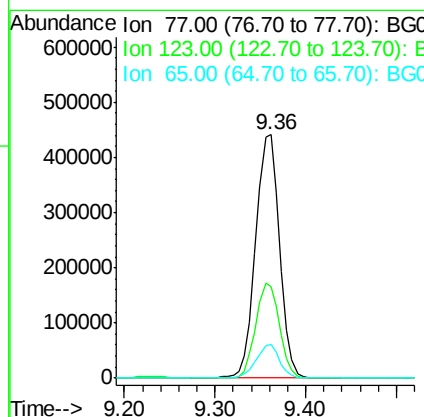
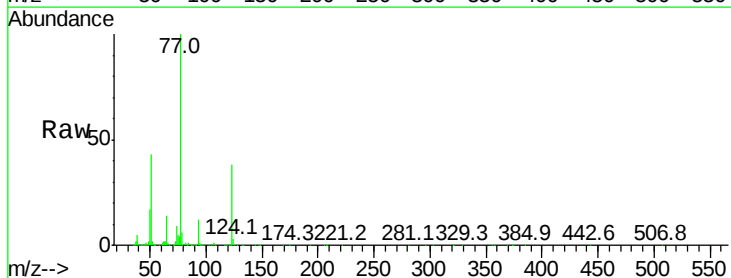
Manual Integrations

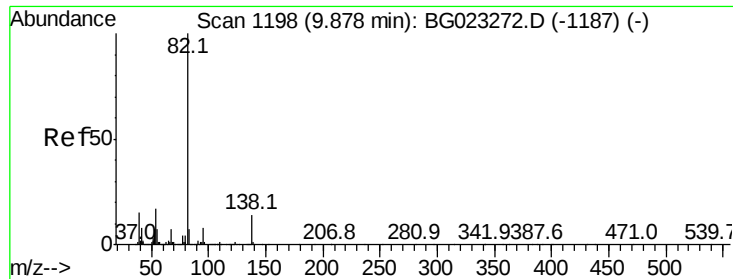
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#24
Nitrobenzene
Concen: 36.68 ng
RT: 9.36 min Scan# 1110
Delta R.T. 0.01 min
Lab File: BG023321.D
Acq: 29 Jul 2016 1:46

Tgt Ion	77	Resp	807302
Ion Ratio	100	Lower	Upper
77	100		
123	37.5	25.0	37.6
65	14.1	13.4	20.0





#25

Isophorone

Concen: 37.29 ng

RT: 9.88 min Scan# 1198

Delta R.T. -0.00 min

Lab File: BG023321.D

Acq: 29 Jul 2016 1:46

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1459725

Ion Ratio Lower Upper

82 100

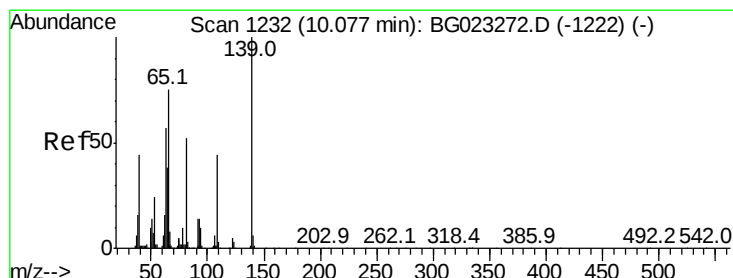
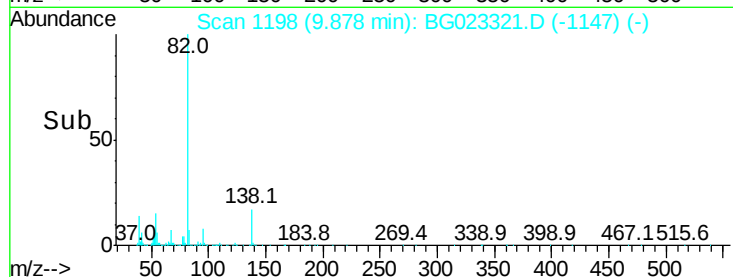
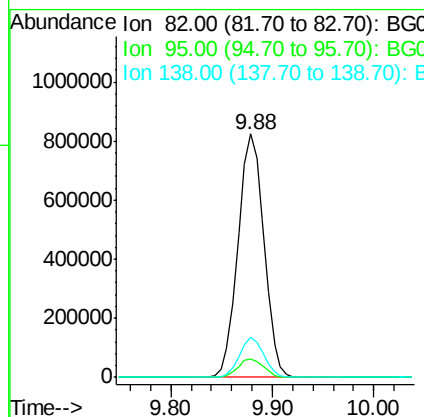
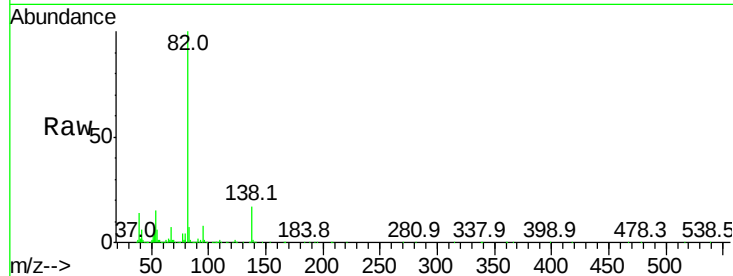
95 7.8 8.2 12.2#

138 16.6 10.7 16.1#

Manual Integrations

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#26

2-Nitrophenol

Concen: 40.09 ng

RT: 10.07 min Scan# 1231

Delta R.T. -0.01 min

Lab File: BG023321.D

Acq: 29 Jul 2016 1:46

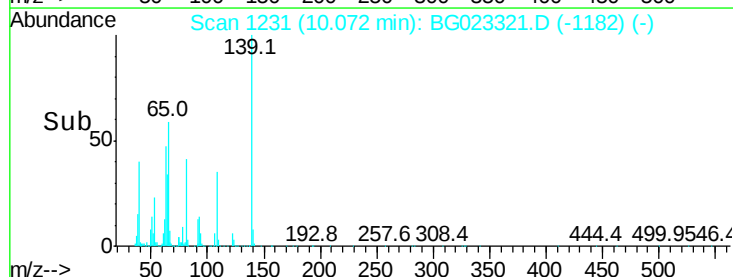
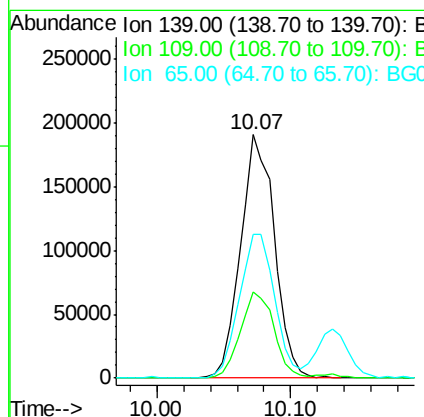
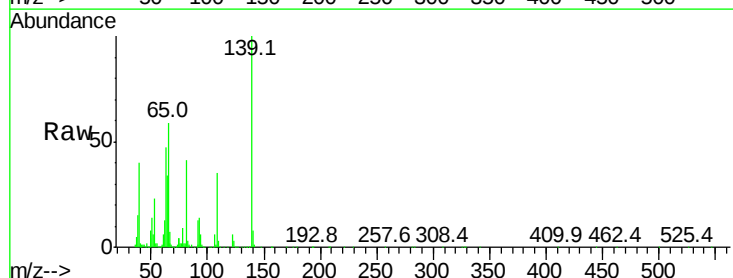
Tgt Ion: 139 Resp: 333250

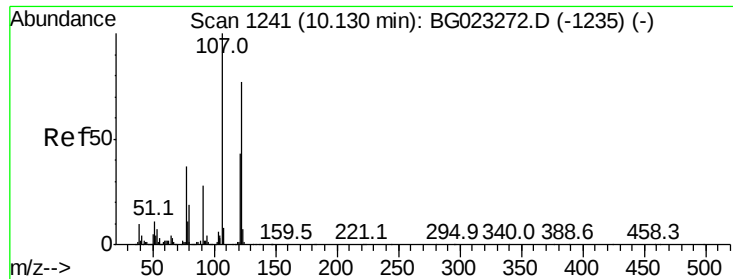
Ion Ratio Lower Upper

139 100

109 35.2 43.5 65.3#

65 59.0 64.3 96.5#





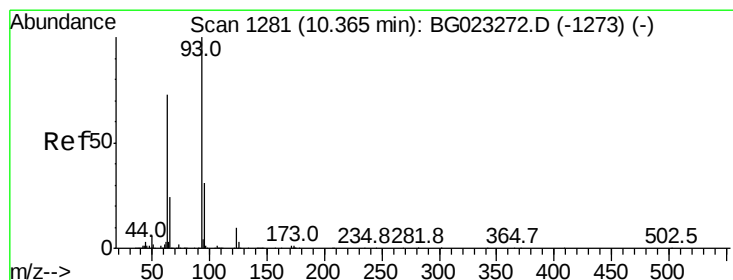
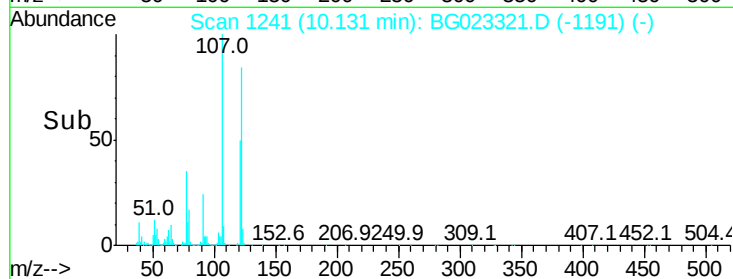
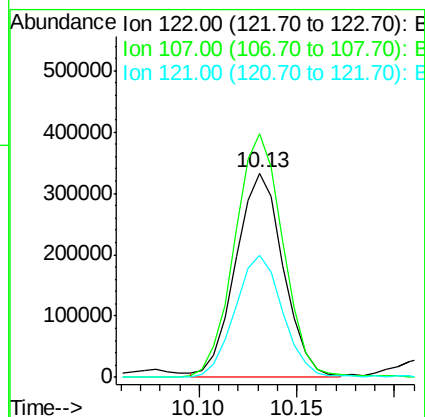
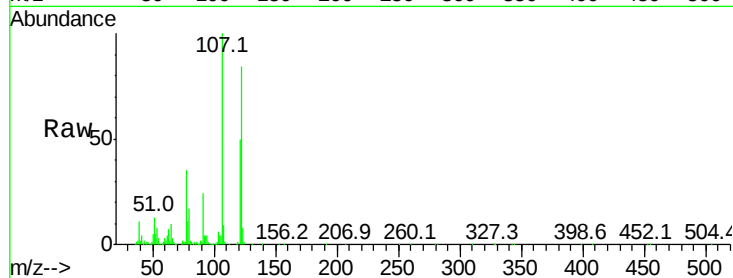
#27
2,4-Dimethylphenol
Concen: 39.89 ng
RT: 10.13 min Scan# 1241
Delta R.T. -0.01 min
Lab File: BG023321.D
Acq: 29 Jul 2016 1:46

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	119.2	117.0	175.4
121	59.7	50.1	75.1

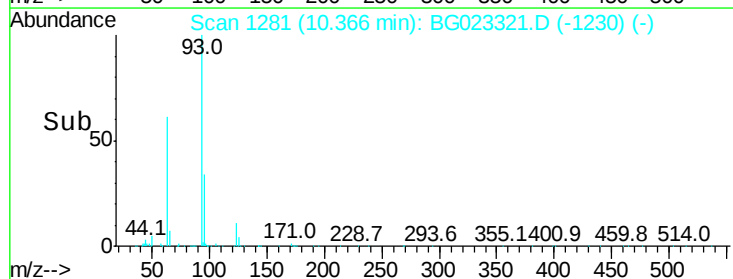
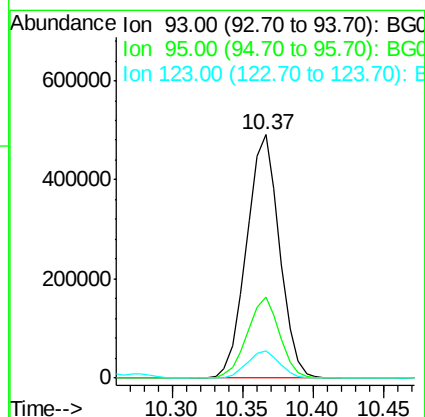
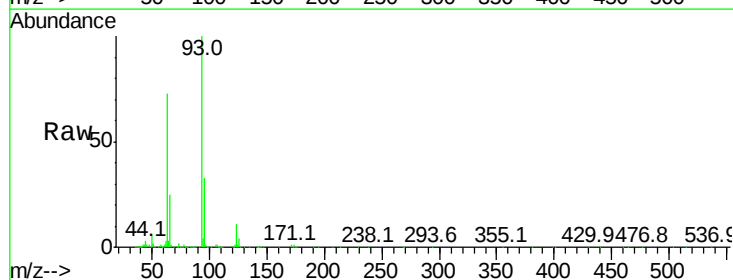
Manual Integrations

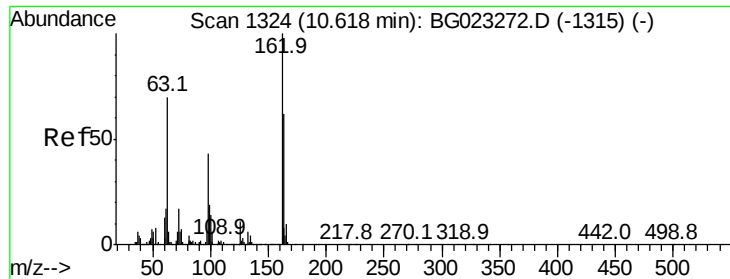
umangi
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#28
bis(2-Chloroethoxy)methane
Concen: 36.52 ng
RT: 10.37 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BG023321.D
Acq: 29 Jul 2016 1:46

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	25.4	38.2
123	11.0	8.2	12.2





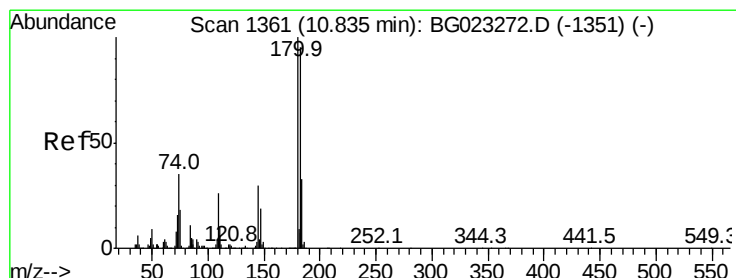
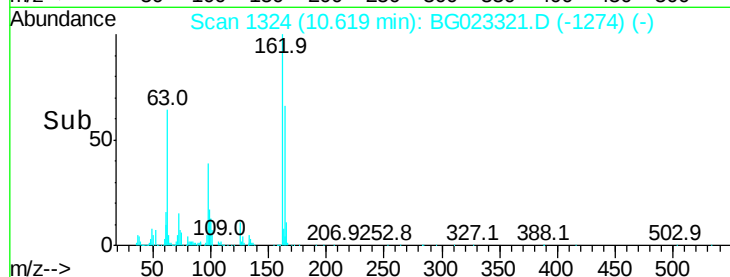
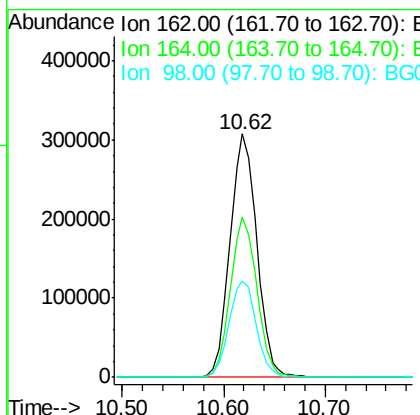
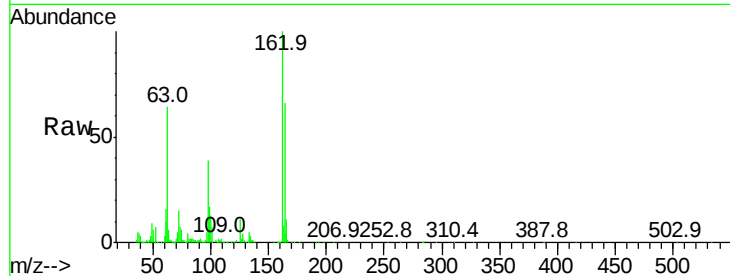
#29
2,4-Dichlorophenol
Concen: 41.61 ng
RT: 10.62 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG023321.D
Acq: 29 Jul 2016 1:46

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.1	44.3	84.3
98	39.4	19.5	59.5

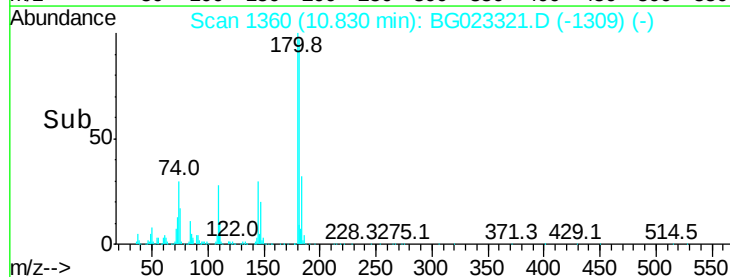
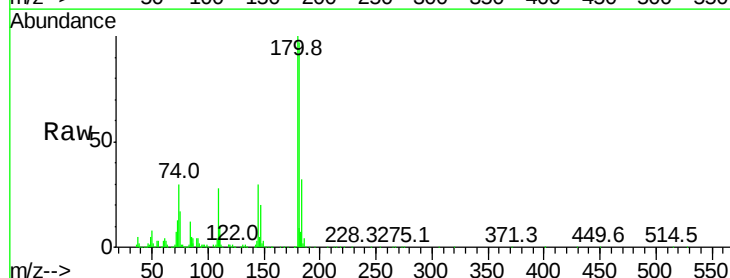
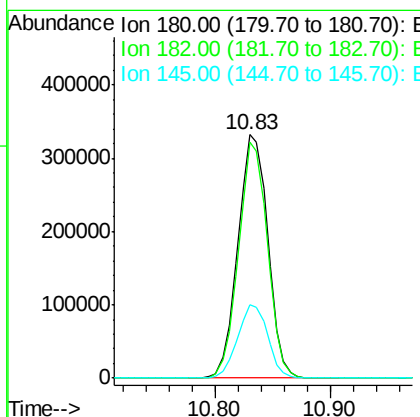
Manual Integrations

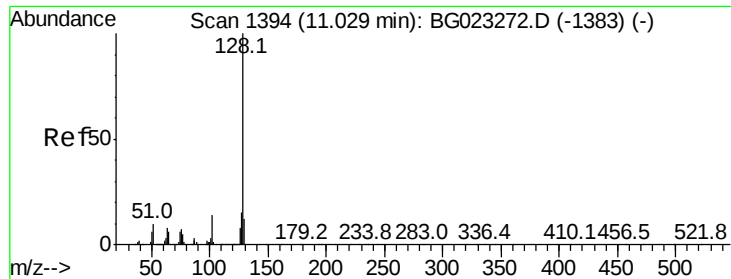
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#30
1,2,4-Trichlorobenzene
Concen: 39.80 ng
RT: 10.83 min Scan# 1360
Delta R.T. -0.00 min
Lab File: BG023321.D
Acq: 29 Jul 2016 1:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	73.8	110.8
145	30.3	24.4	36.6





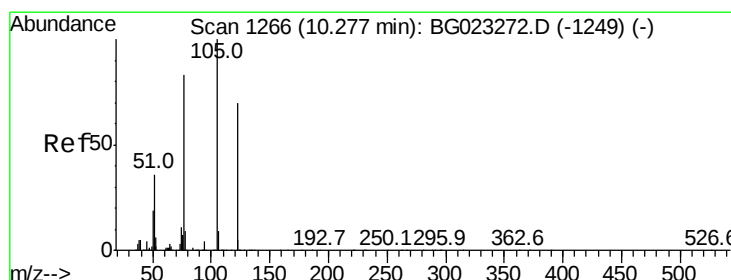
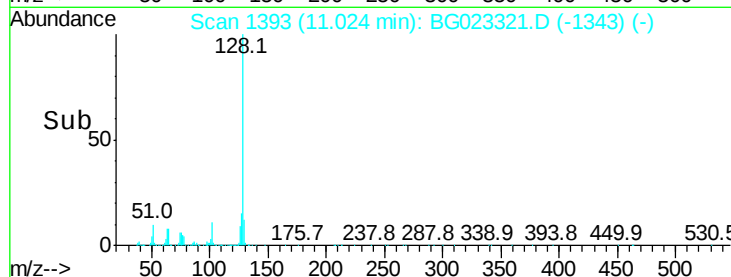
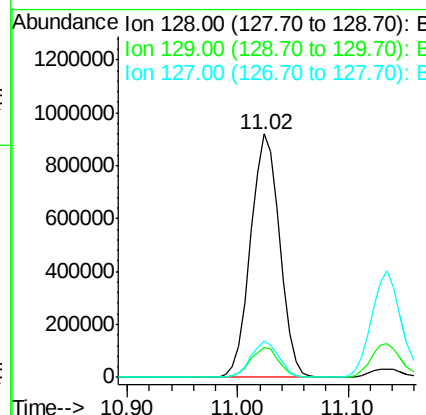
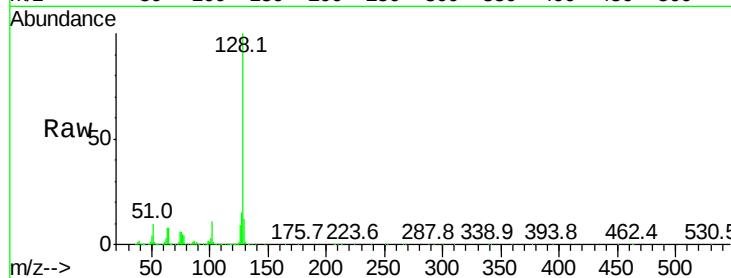
#31
Naphthalene
Concen: 39.52 ng
RT: 11.02 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BG023321.D
Acq: 29 Jul 2016 1:46

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 1701785
Ion Ratio Lower Upper
128 100
129 12.3 9.4 14.0
127 14.7 11.3 16.9

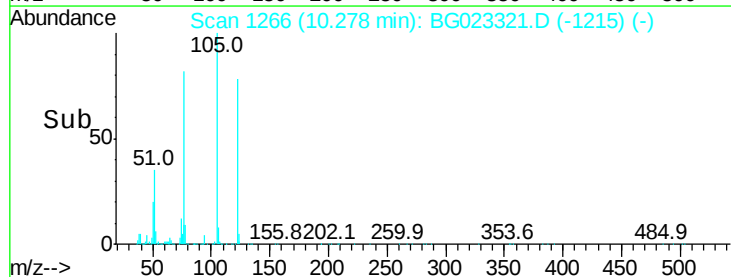
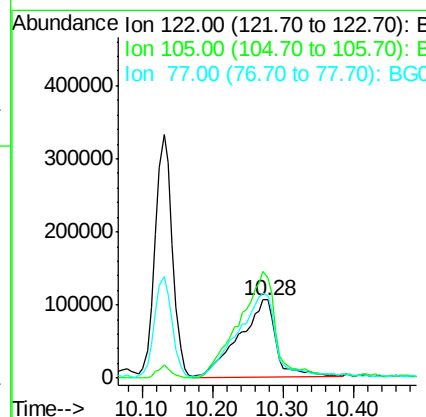
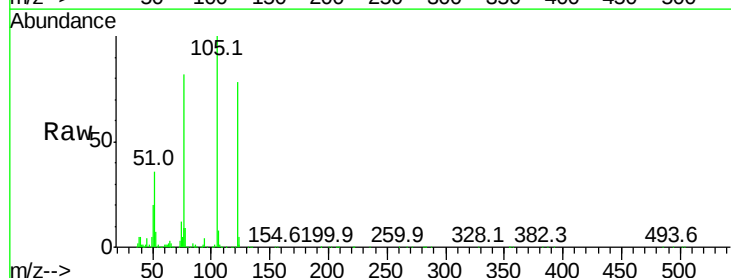
Manual Integrations

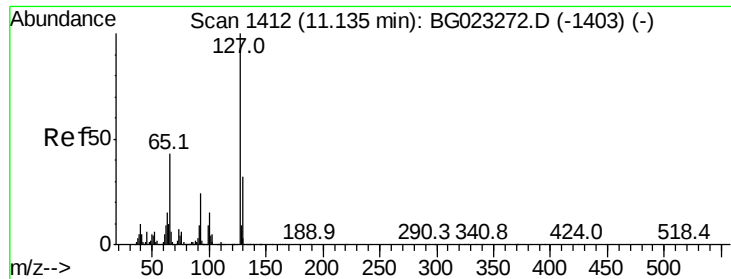
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#32
Benzoic acid
Concen: 36.27 ng
RT: 10.28 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BG023321.D
Acq: 29 Jul 2016 1:46

Tgt Ion:122 Resp: 386522
Ion Ratio Lower Upper
122 100
105 128.2 117.2 157.2
77 105.1 109.2 149.2#





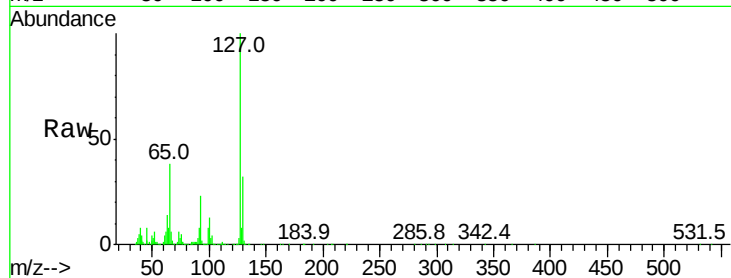
#33
4-Chloroaniline
Concen: 38.72 ng
RT: 11.14 min Scan# 1412
Delta R.T. -0.00 min
Lab File: BG023321.D
Acq: 29 Jul 2016 1:46

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

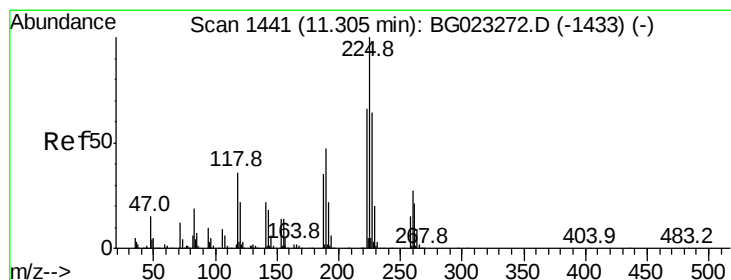
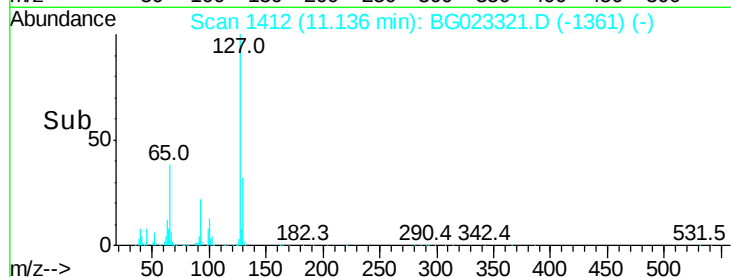
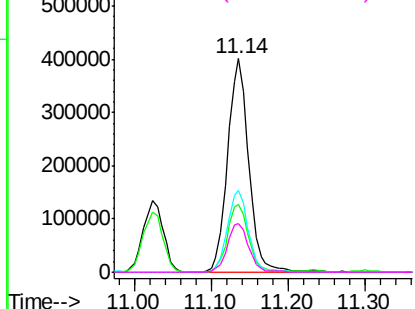
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.6	27.9	41.9		
65	38.2	36.8	55.2		
92	22.5	21.0	31.6		

Manual Integrations

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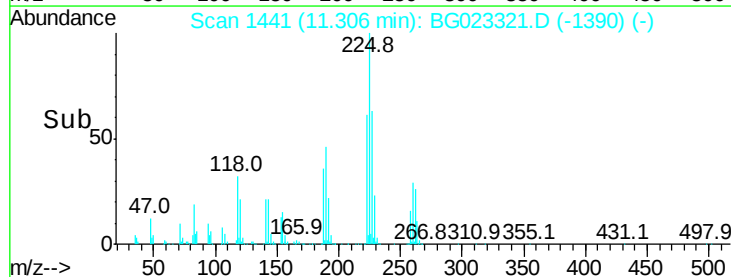
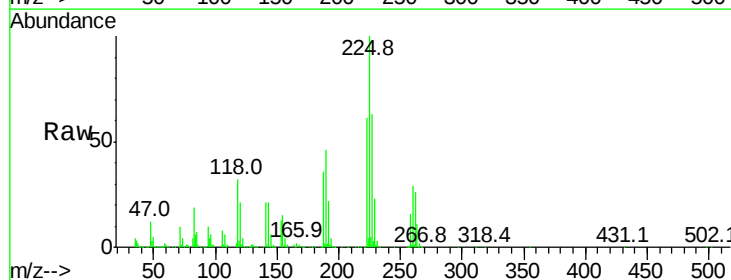
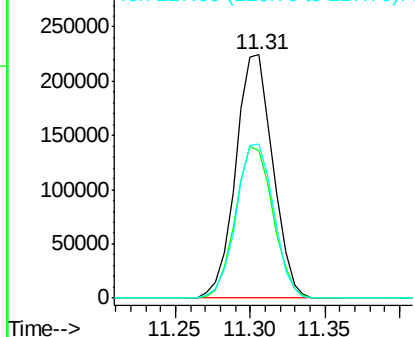
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

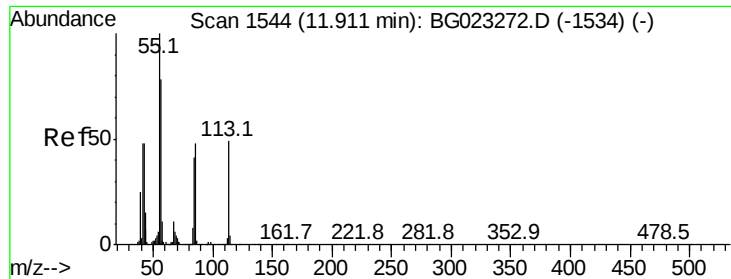


#34
Hexachlorobutadiene
Concen: 39.39 ng
RT: 11.31 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BG023321.D
Acq: 29 Jul 2016 1:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	60.8	49.6	74.4		
227	63.1	54.5	81.7		

Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





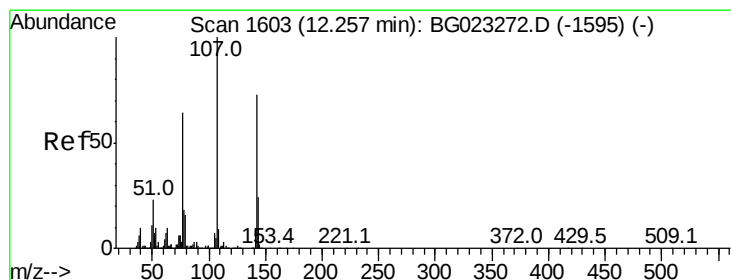
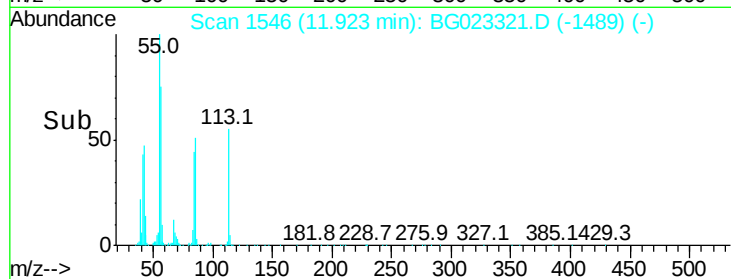
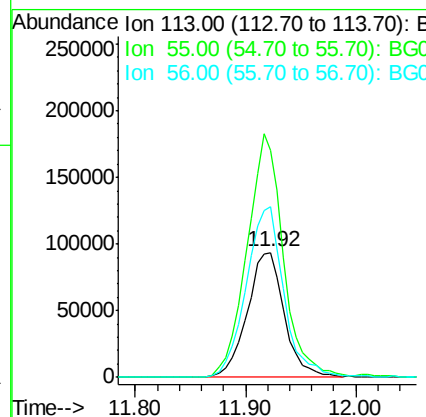
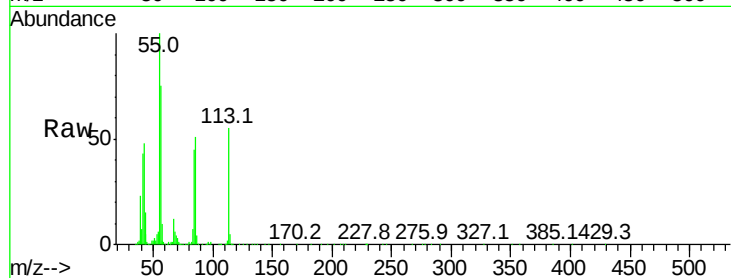
#35
 Caprolactam
 Concen: 38.01 ng
 RT: 11.92 min Scan# 1546
 Delta R.T. 0.03 min
 Lab File: BG023321.D
 Acq: 29 Jul 2016 1:46

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100		219280		
55	181.6		154.5	194.5	
56	136.0		125.1	165.1	

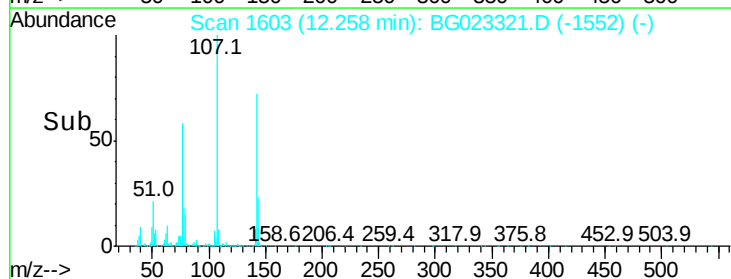
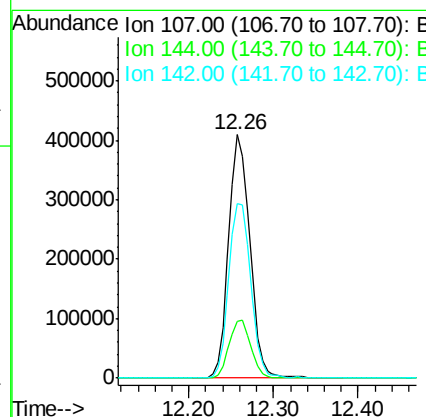
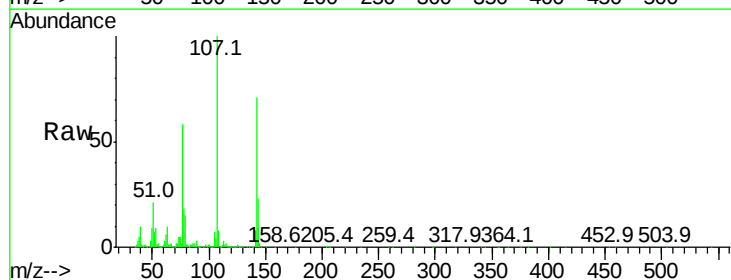
Manual Integrations

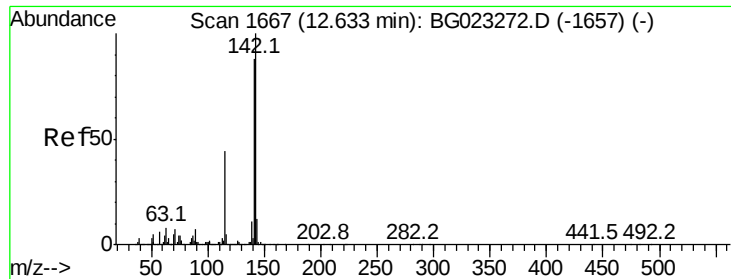
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#36
 4-Chloro-3-methylphenol
 Concen: 40.01 ng
 RT: 12.26 min Scan# 1603
 Delta R.T. -0.00 min
 Lab File: BG023321.D
 Acq: 29 Jul 2016 1:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		713090		
144	23.2		17.0	25.6	
142	71.5		53.0	79.6	





#37

2-Methylnaphthalene

Concen: 40.13 ng/ml

RT: 12.63 min Scan# 1666

Delta R.T. -0.01 min

Lab File: BG023321.D

Acq: 29 Jul 2016 1:46

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:142 Resp: 1281343

Ion Ratio Lower Upper

142 100

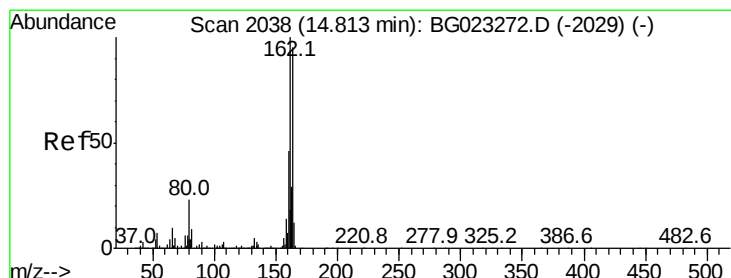
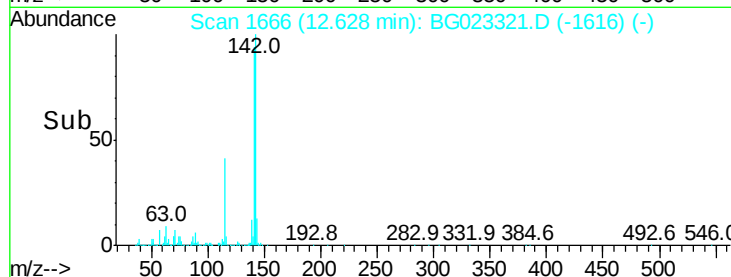
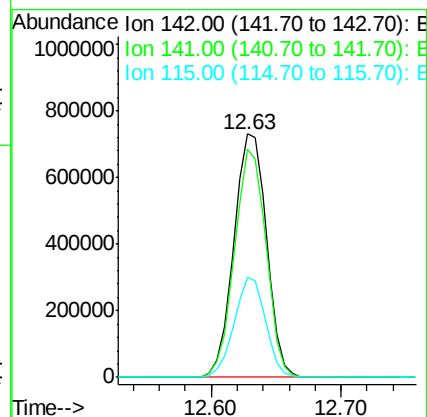
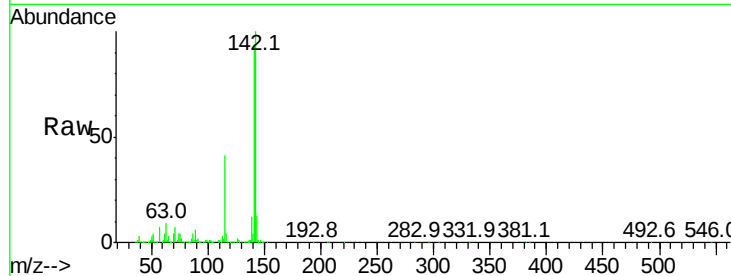
141 93.7 70.2 105.2

115 41.1 41.7 62.5#

Manual Integrations

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#38

Acenaphthene-d10

Concen: 20.00 ng/ml

RT: 14.81 min Scan# 2037

Delta R.T. -0.00 min

Lab File: BG023321.D

Acq: 29 Jul 2016 1:46

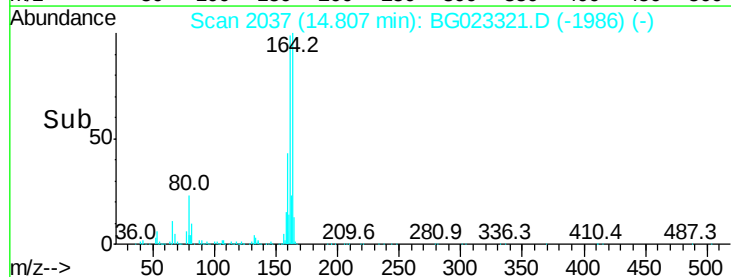
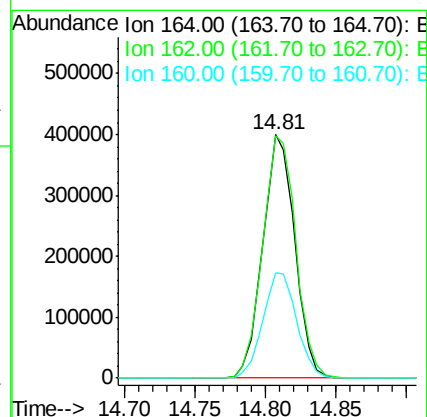
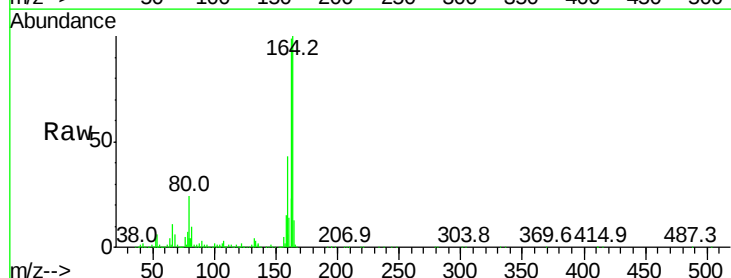
Tgt Ion:164 Resp: 635157

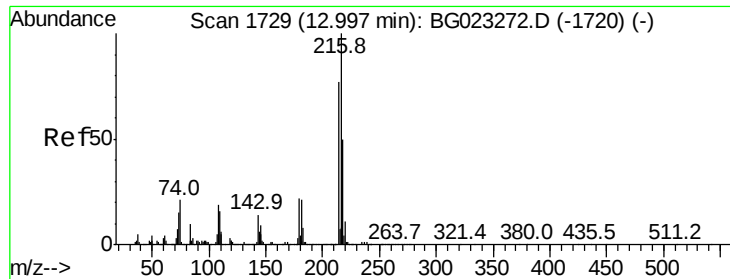
Ion Ratio Lower Upper

164 100

162 99.4 87.7 131.5

160 43.4 37.2 55.8





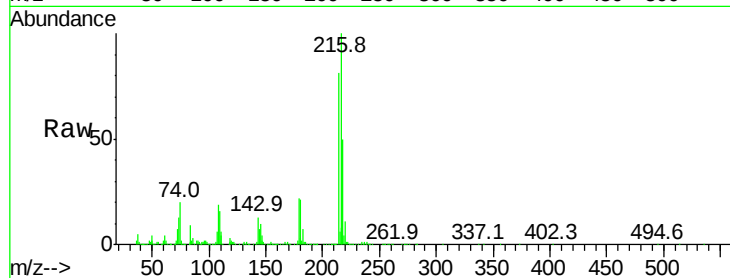
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.84 ng
 RT: 13.00 min Scan# 1729
 Delta R.T. -0.00 min
 Lab File: BG023321.D
 Acq: 29 Jul 2016 1:46

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

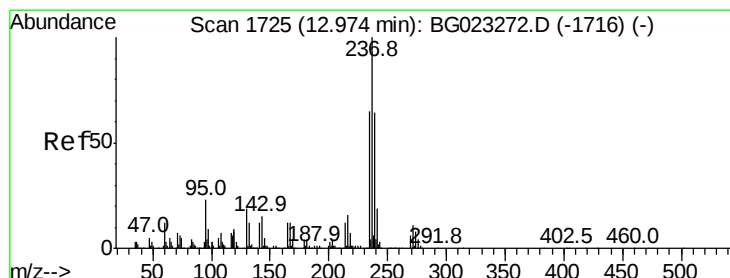
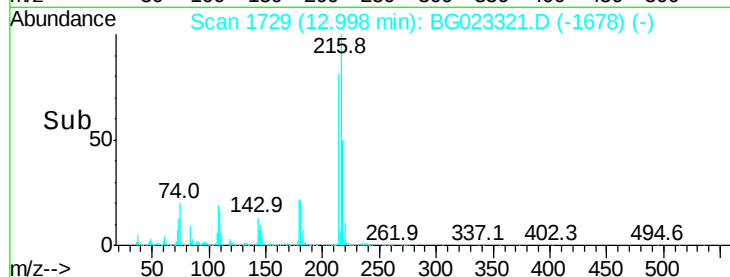
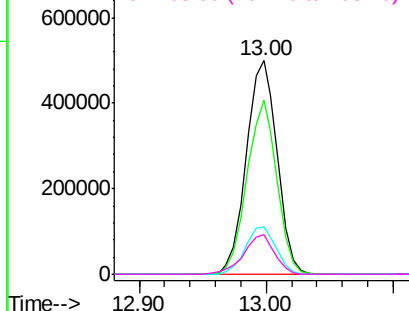
Tot Ion	Ratio	Resp	Lower	Upper
216	100	839912		
214	79.1	62.9	94.3	
179	22.2	17.2	25.8	
108	19.0	16.3	24.5	

Manual Integrations

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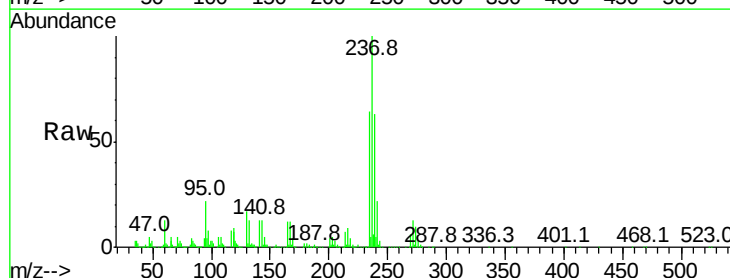


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

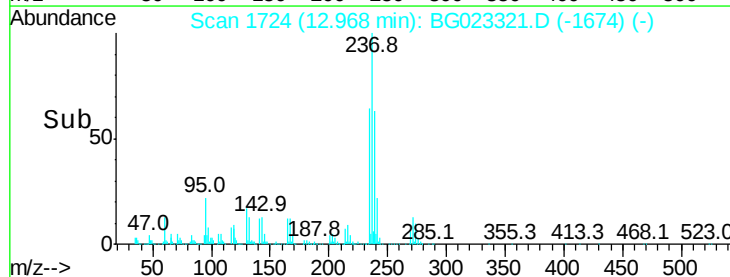
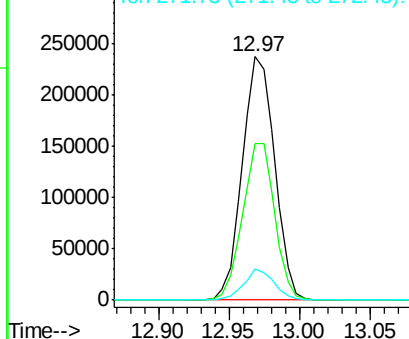


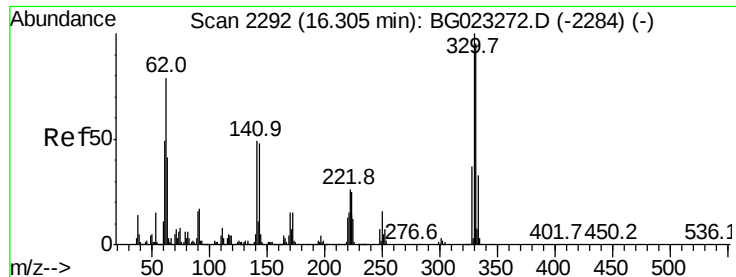
#40
 Hexachlorocyclopentadiene
 Concen: 39.13 ng
 RT: 12.97 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BG023321.D
 Acq: 29 Jul 2016 1:46

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	381328		
235	64.1	43.1	83.1	
272	12.6	0.0	30.9	



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 95.92 ng

RT: 16.31 min Scan# 2293

Delta R.T. 0.00 min

Lab File: BG023321.D

Acq: 29 Jul 2016 1:46

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:330 Resp: 630573

Ion Ratio Lower Upper

330 100

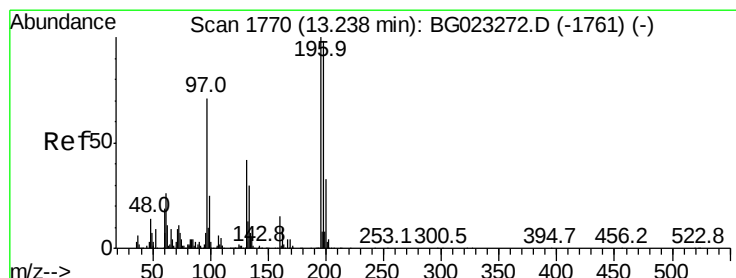
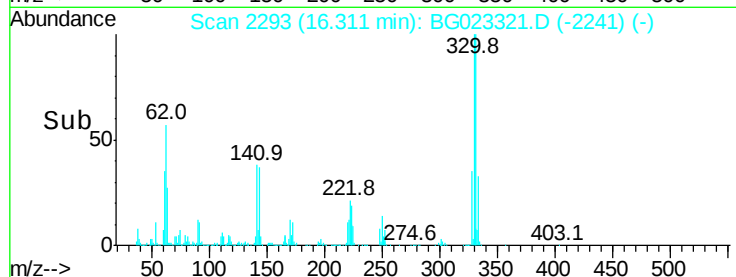
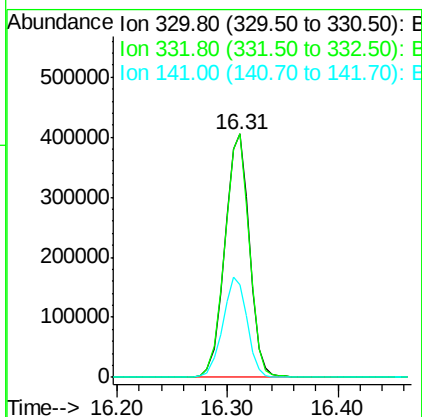
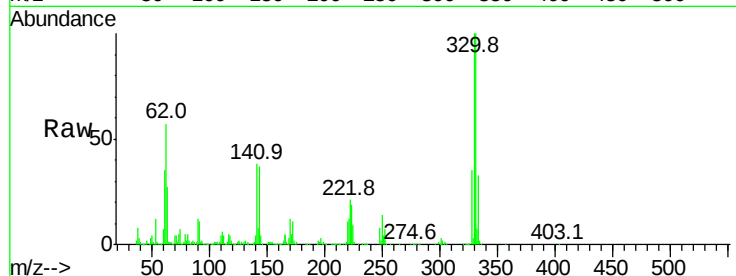
332 98.9 77.4 116.2

141 40.4 31.7 47.5

Manual Integrations

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#42

2,4,6-Trichlorophenol

Concen: 42.76 ng

RT: 13.24 min Scan# 1770

Delta R.T. -0.01 min

Lab File: BG023321.D

Acq: 29 Jul 2016 1:46

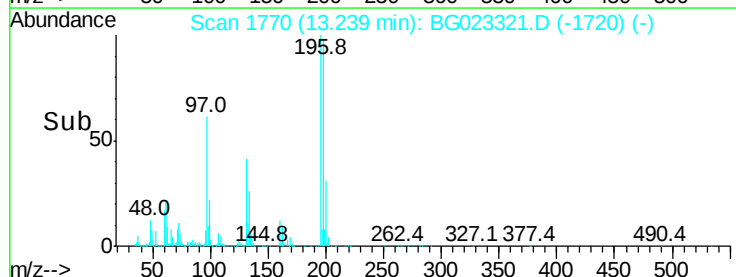
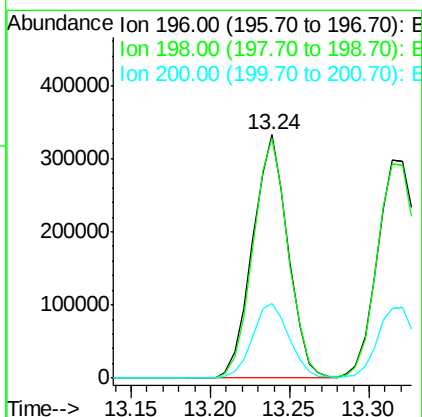
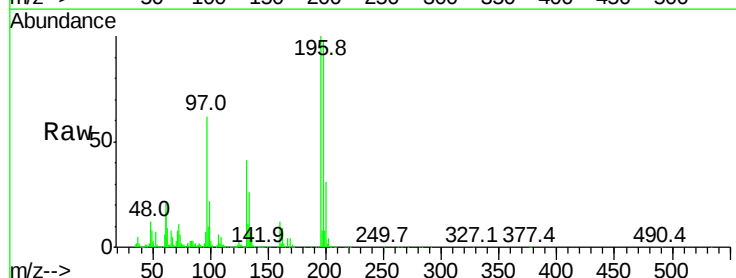
Tgt Ion:196 Resp: 516402

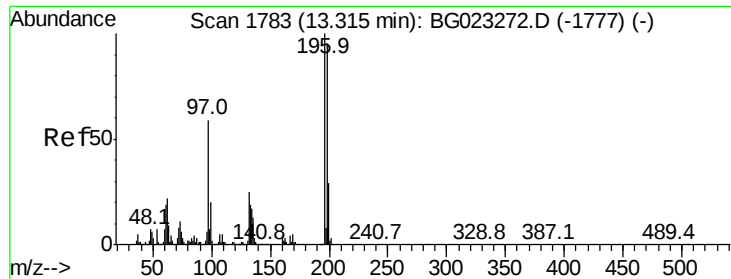
Ion Ratio Lower Upper

196 100

198 98.4 78.2 117.2

200 30.5 27.0 40.4





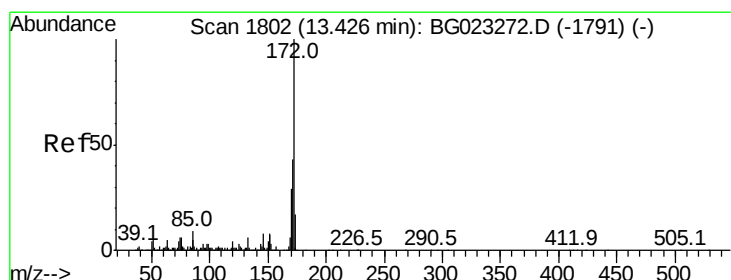
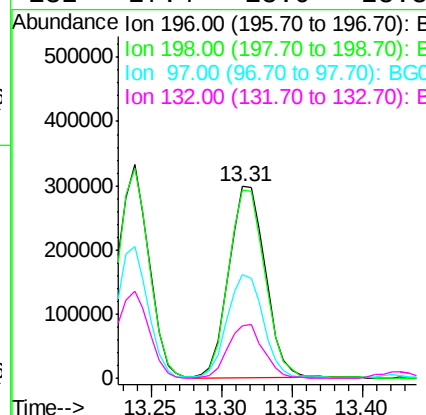
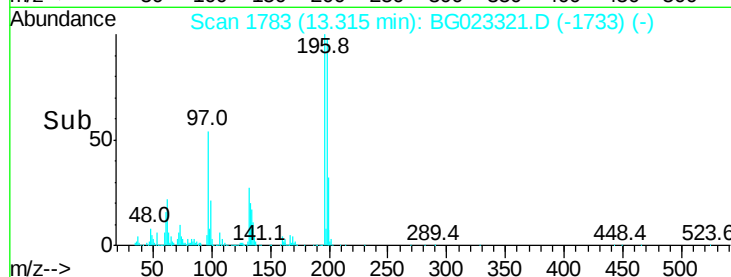
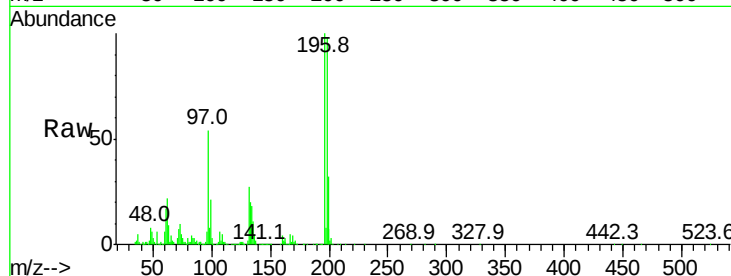
#43
 2,4,5-Trichlorophenol
 Concen: 41.89 ng
 RT: 13.31 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: BG023321.D
 Acq: 29 Jul 2016 1:46

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
196	100		
198	98.2	85.7	128.5
97	54.0	45.5	68.3
132	27.4	18.9	28.3

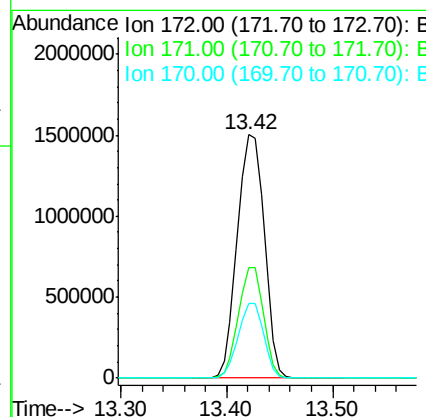
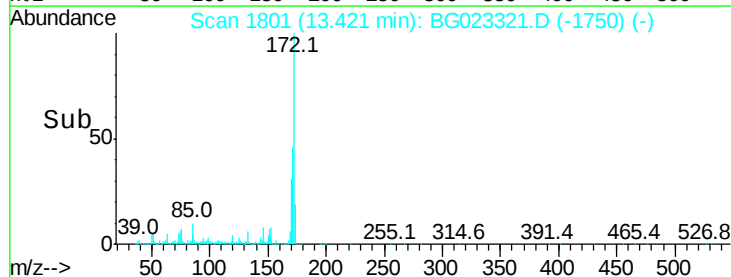
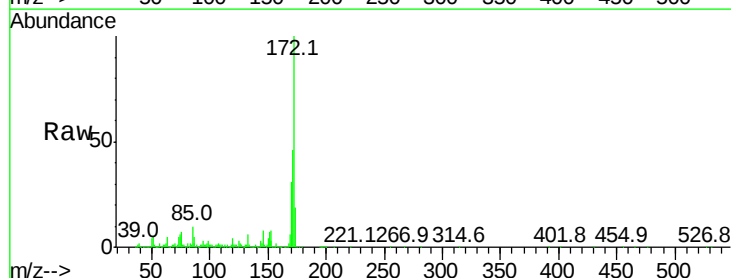
Manual Integrations

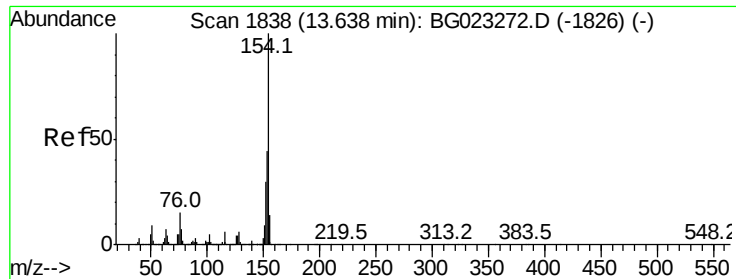
umangi
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#44
 2-Fluorobiphenyl
 Concen: 78.35 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: BG023321.D
 Acq: 29 Jul 2016 1:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	45.6	31.6	47.4
170	30.6	21.3	31.9





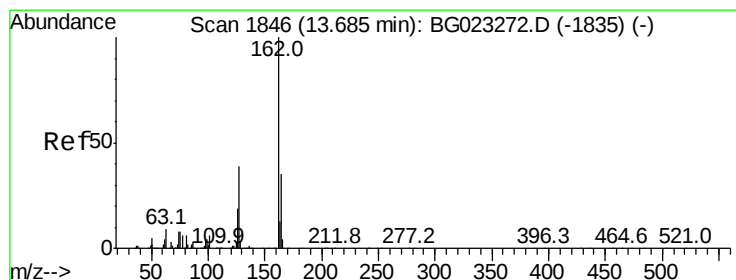
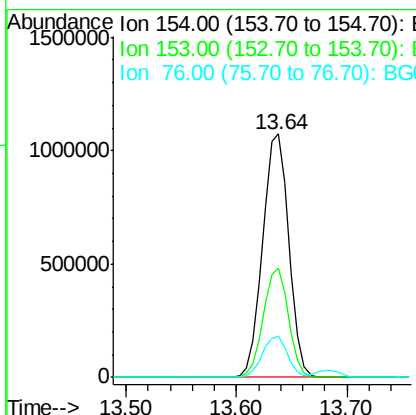
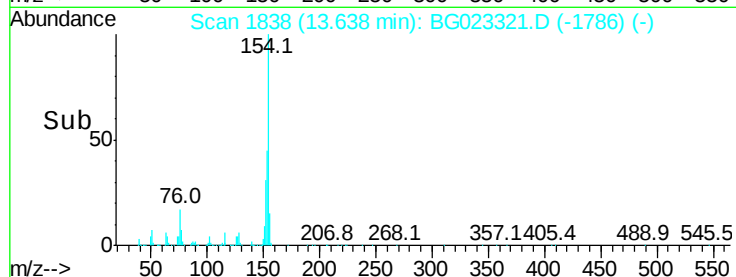
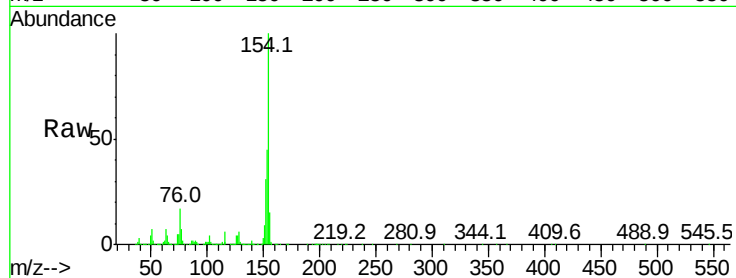
#45
1,1'-Biphenyl
Concen: 40.16 ng
RT: 13.64 min Scan# 1838
Delta R.T. 0.01 min
Lab File: BG023321.D
Acq: 29 Jul 2016 1:46

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:154 Resp: 1779076
Ion Ratio Lower Upper
154 100
153 44.8 20.2 60.2
76 16.8 0.0 32.9

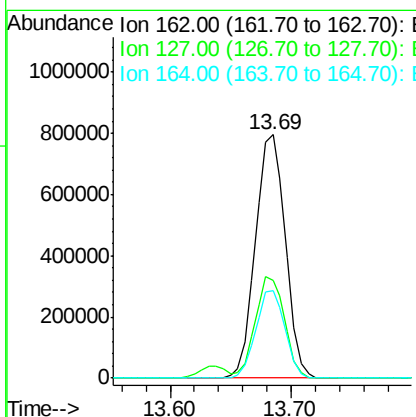
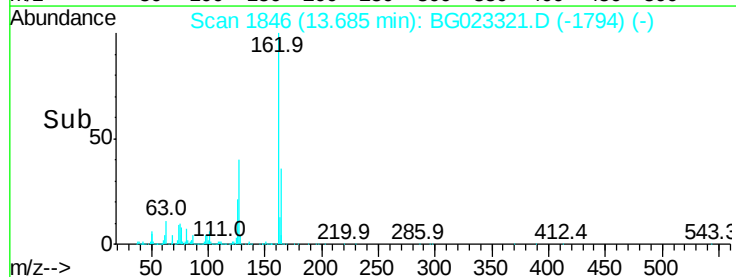
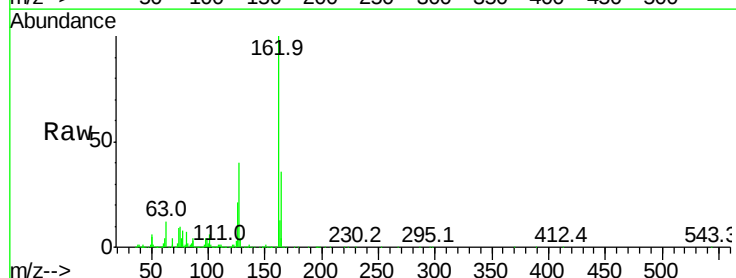
Manual Integrations

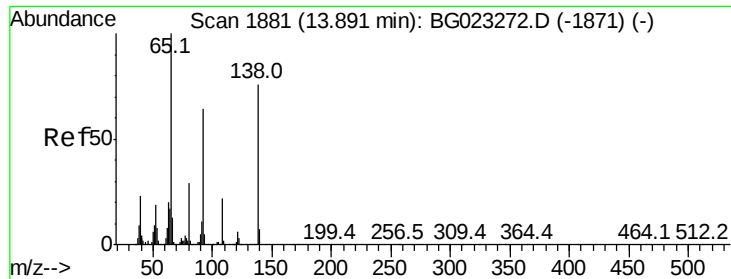
umangi
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#46
2-Chloronaphthalene
Concen: 38.76 ng
RT: 13.69 min Scan# 1846
Delta R.T. 0.00 min
Lab File: BG023321.D
Acq: 29 Jul 2016 1:46

Tgt Ion:162 Resp: 1375765
Ion Ratio Lower Upper
162 100
127 40.3 32.4 48.6
164 35.7 25.2 37.8





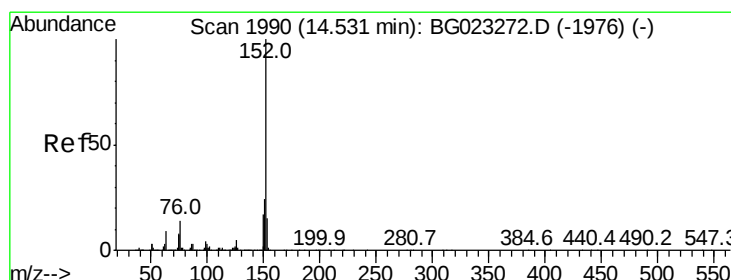
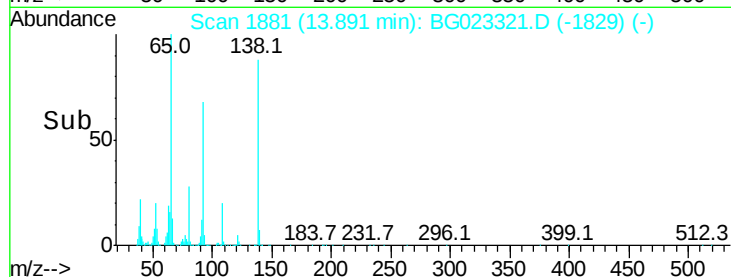
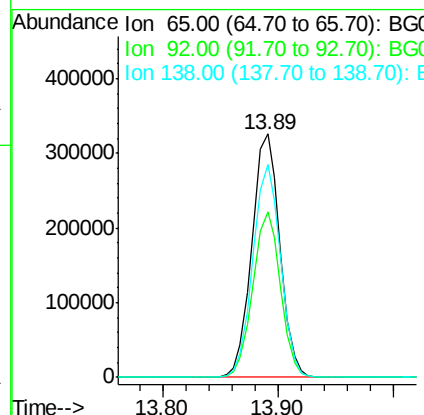
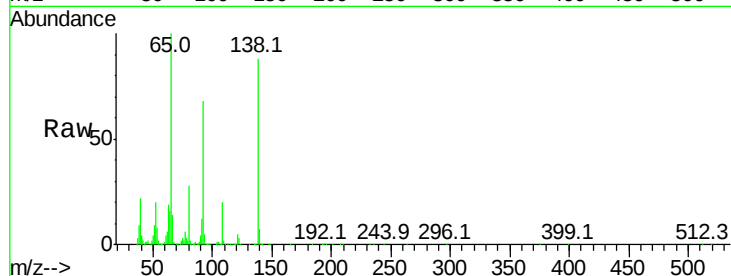
#47
2-Nitroaniline
Concen: 36.67 ng
RT: 13.89 min Scan# 1881
Delta R.T. 0.00 min
Lab File: BG023321.D
Acq: 29 Jul 2016 1:46

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.8	49.4	74.0
138	87.7	58.0	87.0#

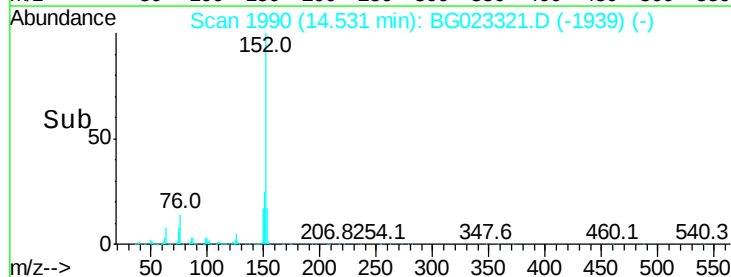
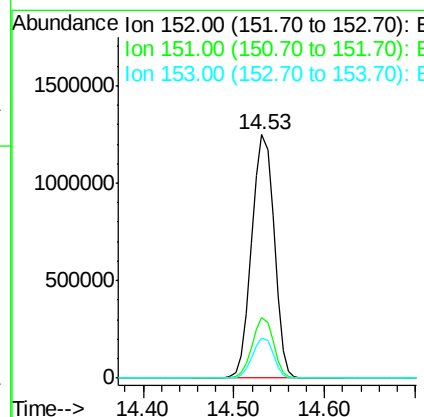
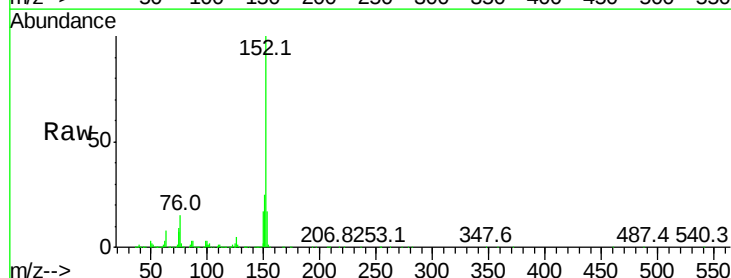
Manual Integrations

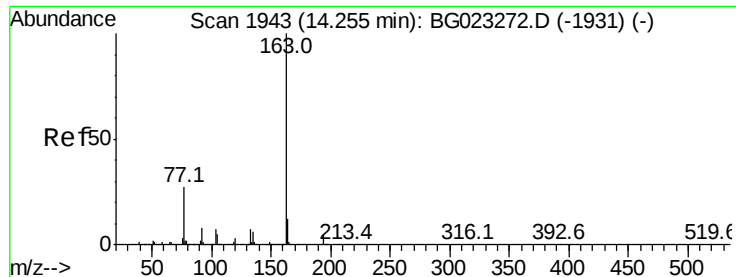
umangi
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#48
Acenaphthylene
Concen: 39.50 ng
RT: 14.53 min Scan# 1990
Delta R.T. -0.00 min
Lab File: BG023321.D
Acq: 29 Jul 2016 1:46

Tgt Ion	Ratio	Lower	Upper
152	100		
151	24.8	17.6	26.4
153	16.5	11.4	17.2





#49

Dimethylphthalate

Concen: 37.71 ng

RT: 14.25 min Scan# 1943

Delta R.T. 0.00 min

Lab File: BG023321.D

Acq: 29 Jul 2016 1:46

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:163 Resp: 1767416

Ion Ratio Lower Upper

163 100

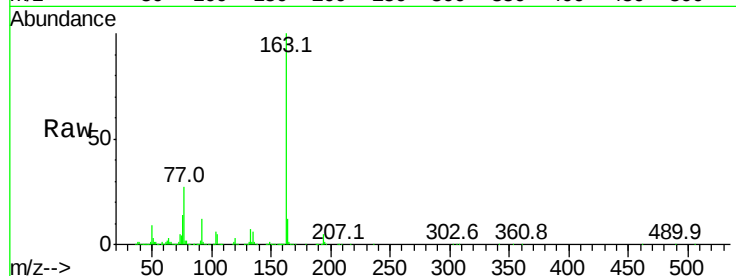
194 5.0 3.6 5.4

164 11.5 8.1 12.1

Manual Integrations

umangi

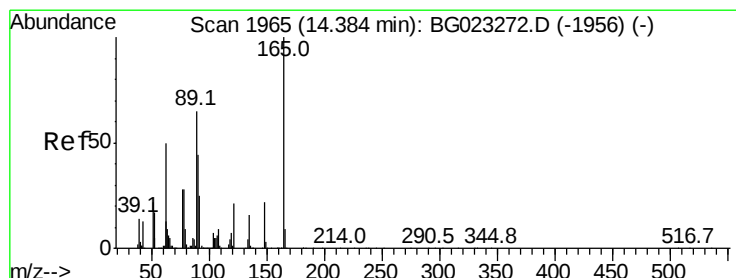
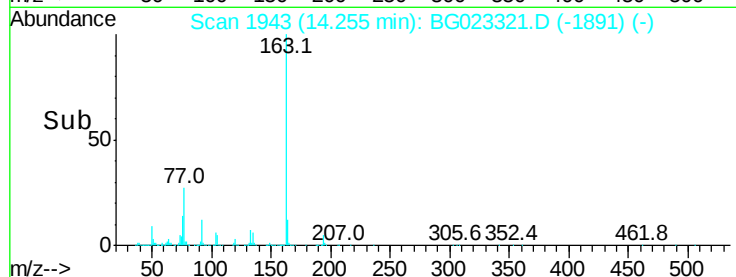
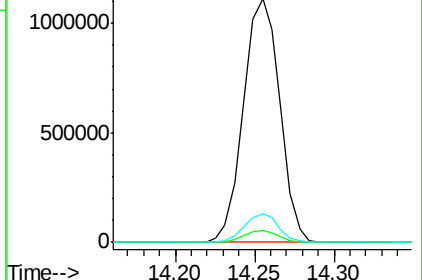
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 38.33 ng

RT: 14.38 min Scan# 1965

Delta R.T. 0.01 min

Lab File: BG023321.D

Acq: 29 Jul 2016 1:46

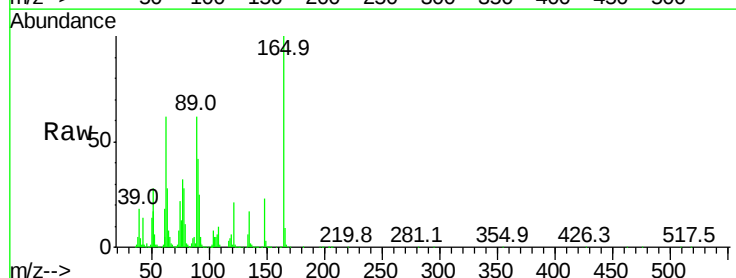
Tgt Ion:165 Resp: 420677

Ion Ratio Lower Upper

165 100

63 61.7 64.3 96.5#

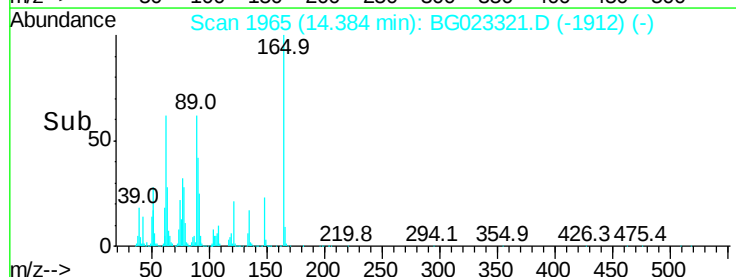
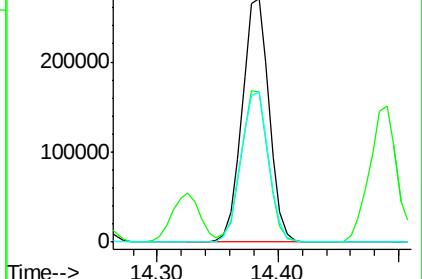
89 61.9 64.3 96.5#

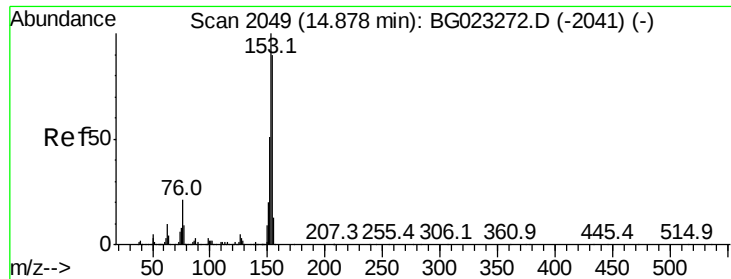


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





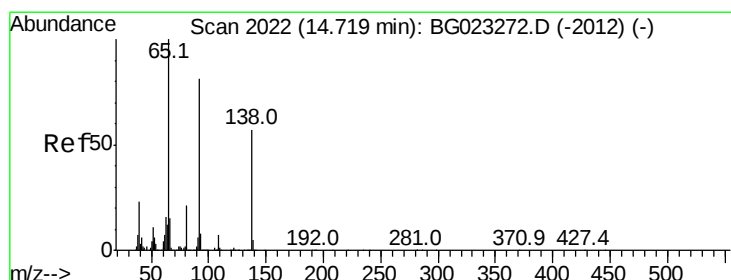
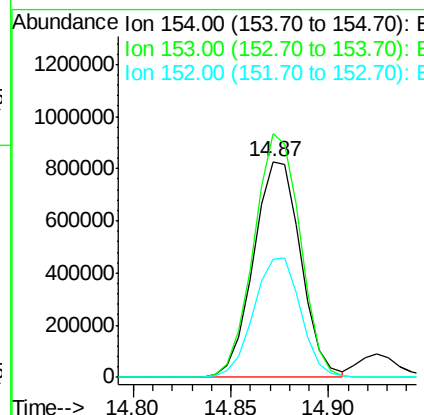
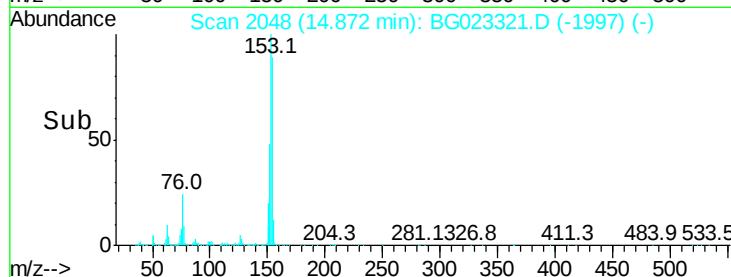
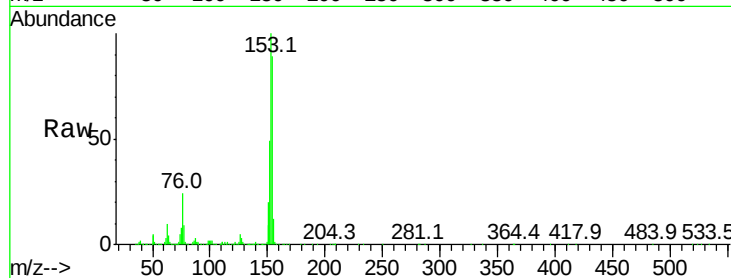
#51
Acenaphthene
Concen: 39.28 ng
RT: 14.87 min Scan# 2048
Delta R.T. -0.00 min
Lab File: BG023321.D
Acq: 29 Jul 2016 1:46

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:154 Resp: 1384769
Ion Ratio Lower Upper
154 100
153 112.9 87.5 131.3
152 54.9 42.7 64.1

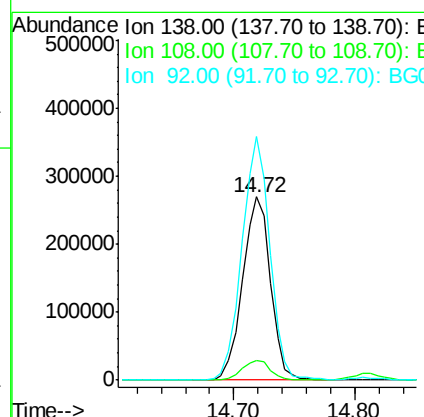
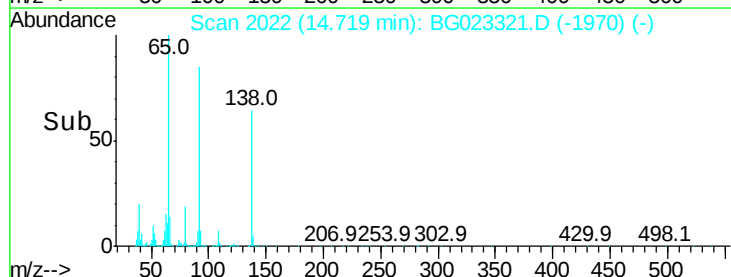
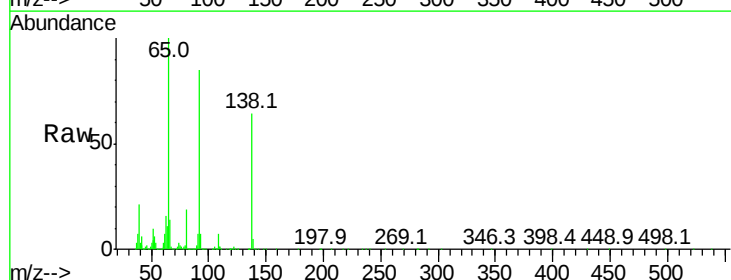
Manual Integrations

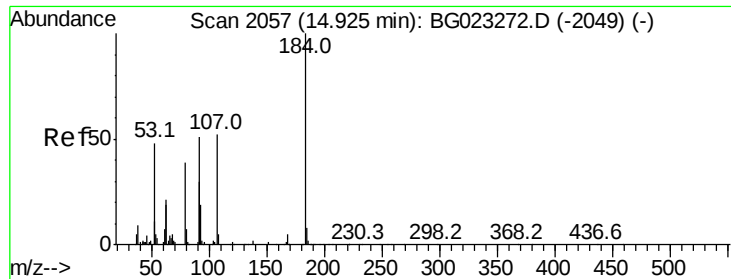
umangi
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#52
3-Nitroaniline
Concen: 39.30 ng
RT: 14.72 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BG023321.D
Acq: 29 Jul 2016 1:46

Tgt Ion:138 Resp: 434502
Ion Ratio Lower Upper
138 100
108 10.5 11.7 17.5#
92 133.1 129.7 194.5





#53

2,4-Dinitrophenol

Concen: 34.14 ng

RT: 14.92 min Scan# 2057

Delta R.T. 0.00 min

Lab File: BG023321.D

Acq: 29 Jul 2016 1:46

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 219420

Ion Ratio Lower Upper

184 100

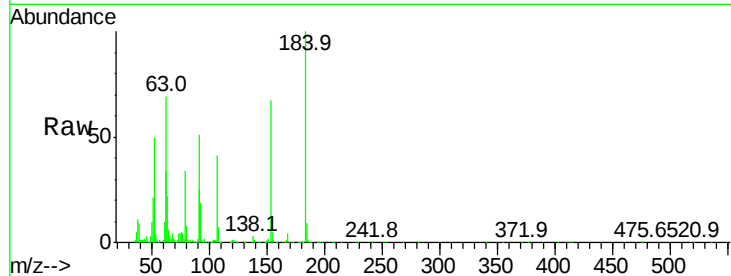
63 69.5 59.6 89.4

154 66.7 67.4 101.0#

Manual Integrations

umangi

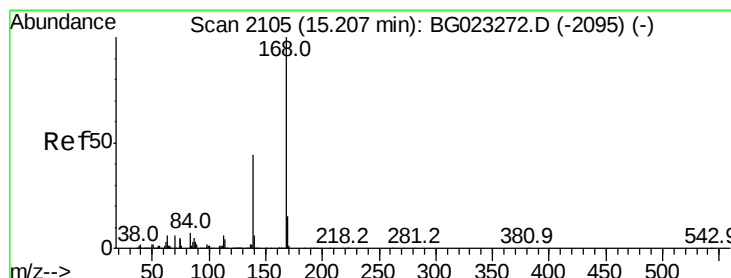
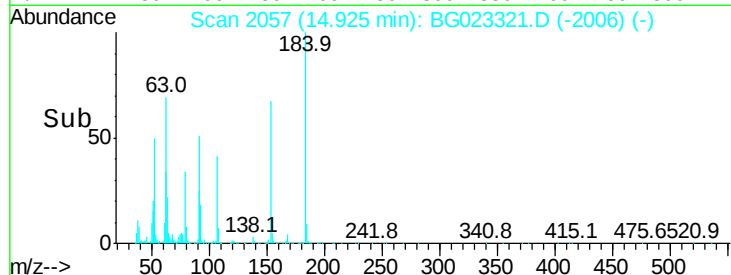
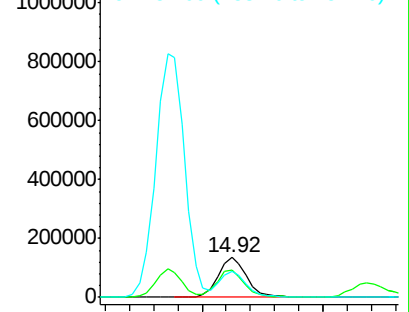
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 38.28 ng

RT: 15.21 min Scan# 2105

Delta R.T. -0.00 min

Lab File: BG023321.D

Acq: 29 Jul 2016 1:46

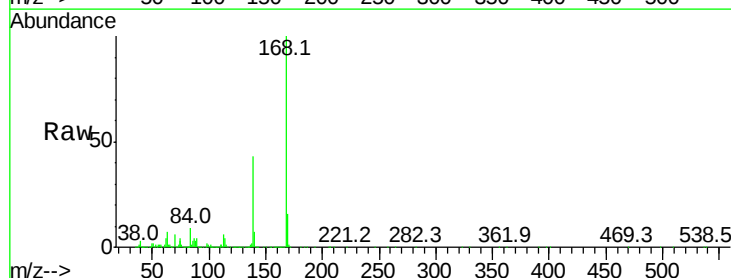
Tgt Ion:168 Resp: 1909314

Ion Ratio Lower Upper

168 100

139 43.3 36.4 54.6

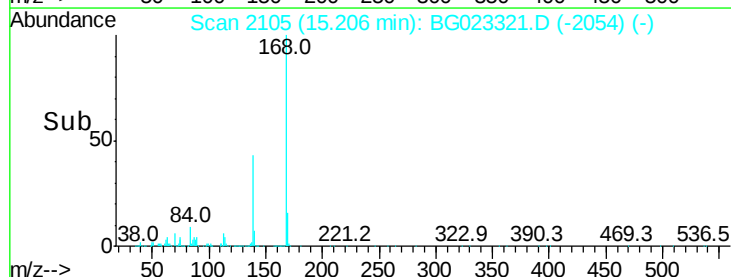
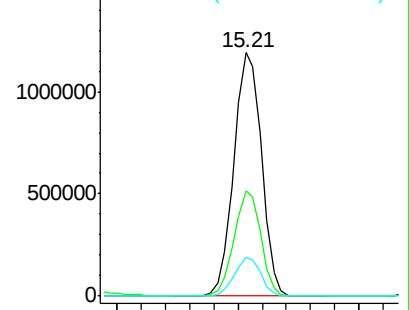
169 16.1 11.9 17.9

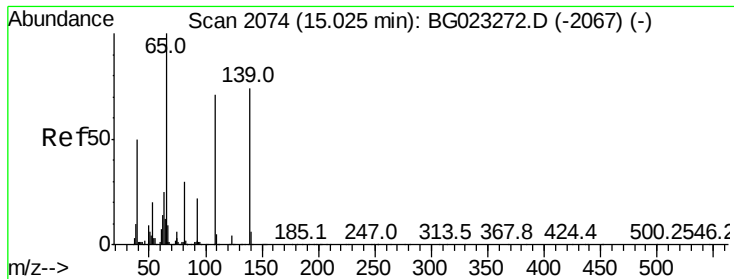


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





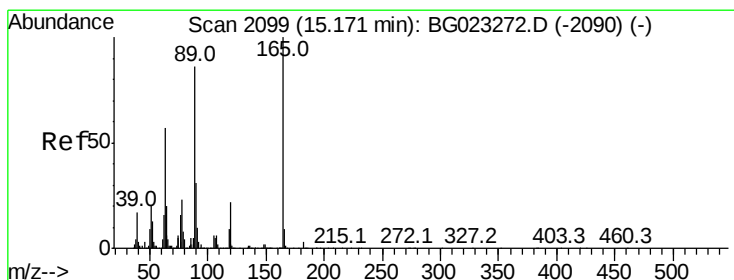
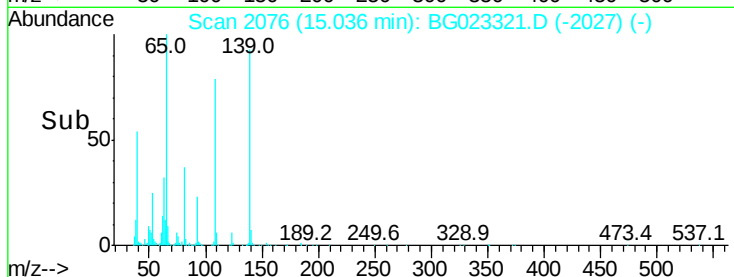
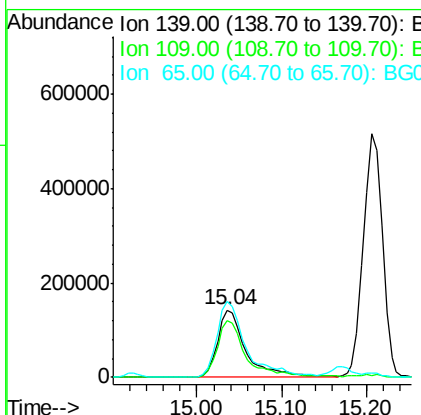
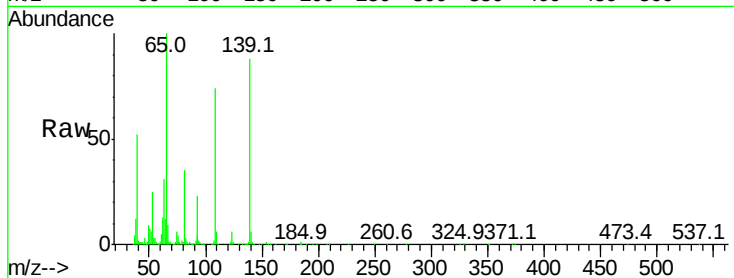
#55
4-Nitrophenol
Concen: 35.39 ng
RT: 15.04 min Scan# 2076
Delta R.T. -0.01 min
Lab File: BG023321.D
Acq: 29 Jul 2016 1:46

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
139	100		
109	84.6	103.0	143.0#
65	113.8	112.7	152.7

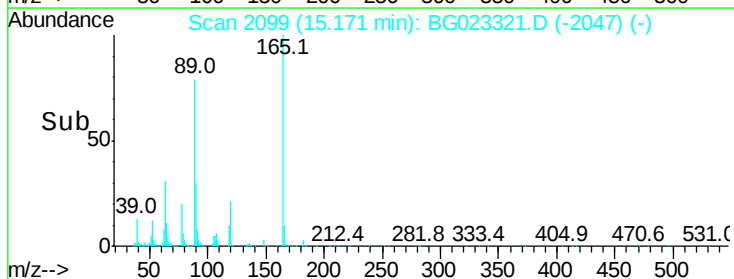
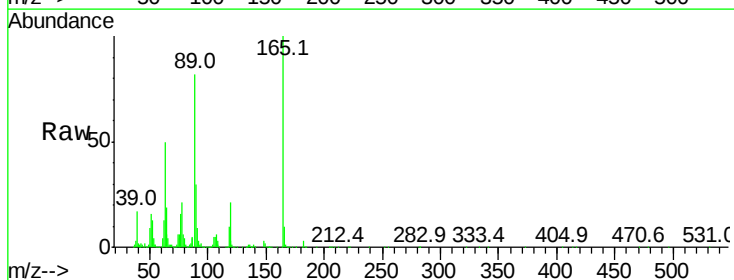
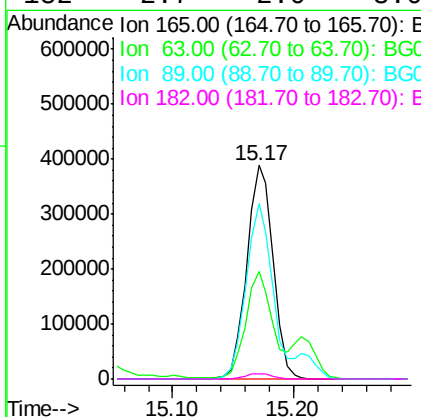
Manual Integrations

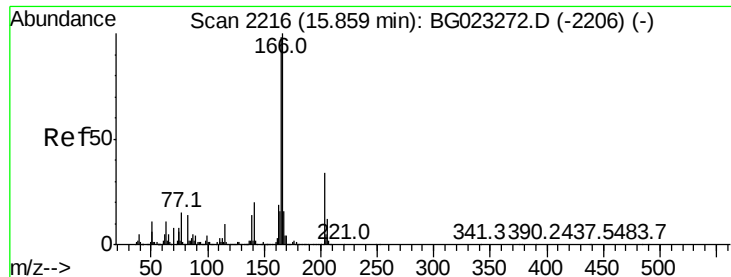
umangi
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#56
2,4-Dinitrotoluene
Concen: 38.12 ng
RT: 15.17 min Scan# 2099
Delta R.T. 0.00 min
Lab File: BG023321.D
Acq: 29 Jul 2016 1:46

Tgt Ion	Ratio	Lower	Upper
165	100		
63	50.1	45.8	68.6
89	82.1	68.6	102.8
182	2.7	2.0	3.0





#57

Fluorene

Concen: 38.26 ng

RT: 15.86 min Scan# 2216

Delta R.T. -0.00 min

Lab File: BG023321.D

Acq: 29 Jul 2016 1:46

Instrument :

BNA_G

ClientSampled :

SSTDCCC040

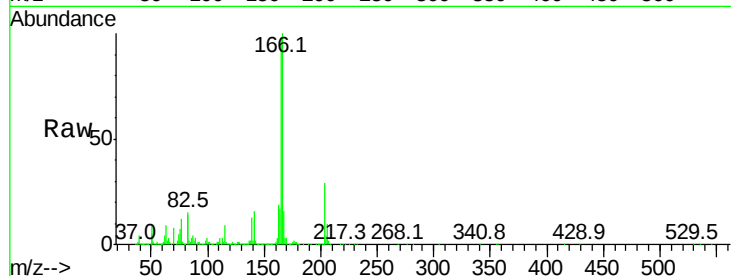
Tot Ion:166 Resp: 1684974

Ion	Ratio	Lower	Upper
166	100		
165	98.1	81.0	121.6
167	15.7	12.0	18.0

Manual Integrations

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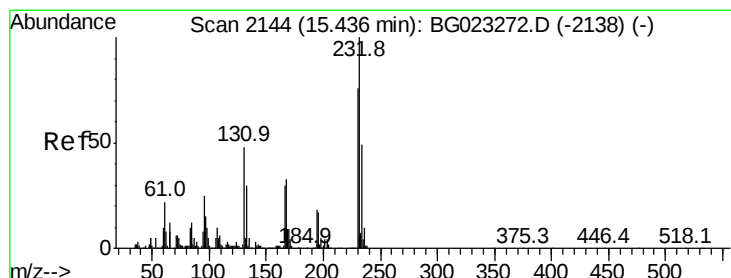
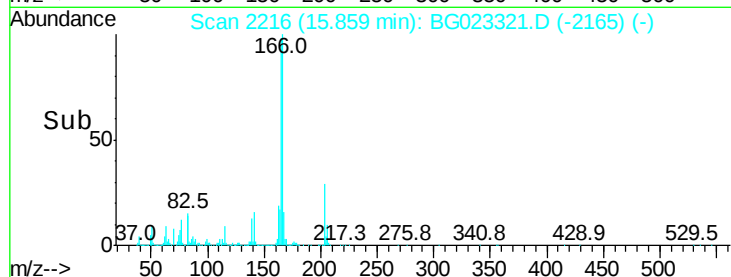
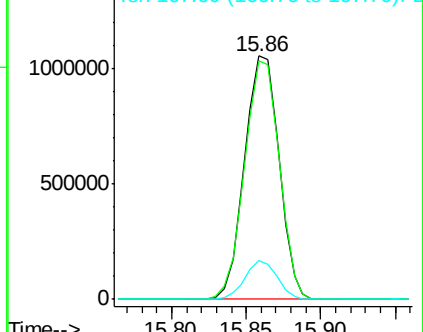
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Abundance Ion 166.00 (165.70 to 166.70): E

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: 40.56 ng

RT: 15.44 min Scan# 2144

Delta R.T. -0.00 min

Lab File: BG023321.D

Acq: 29 Jul 2016 1:46

Tgt Ion:232 Resp: 439941

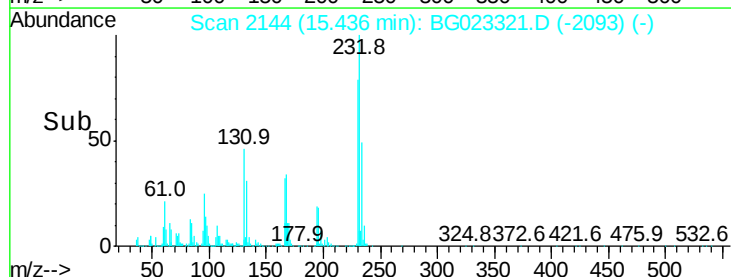
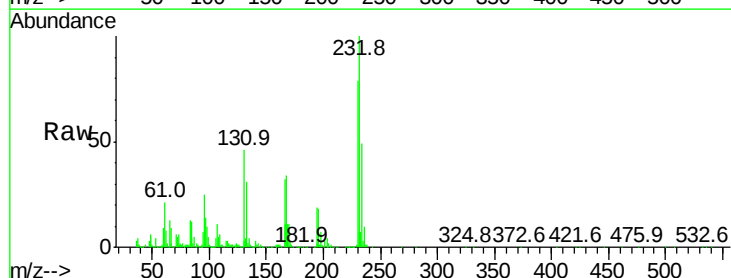
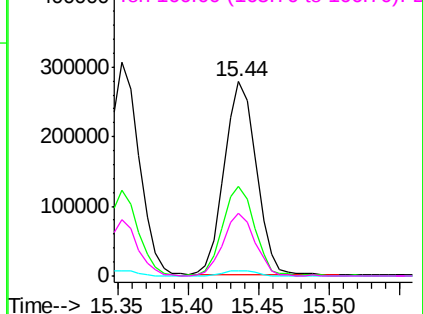
Ion	Ratio	Lower	Upper
232	100		
131	45.8	32.7	49.1
130	3.1	2.6	3.8
166	32.7	23.0	34.6

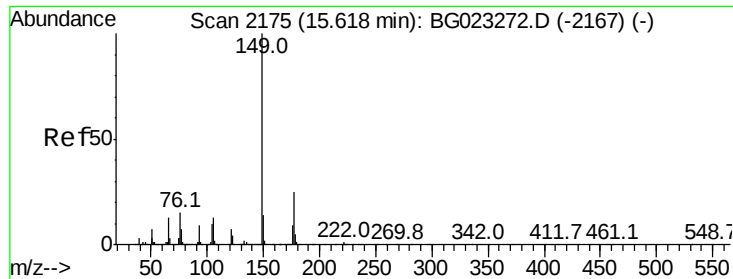
Abundance Ion 232.00 (231.70 to 232.70): E

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





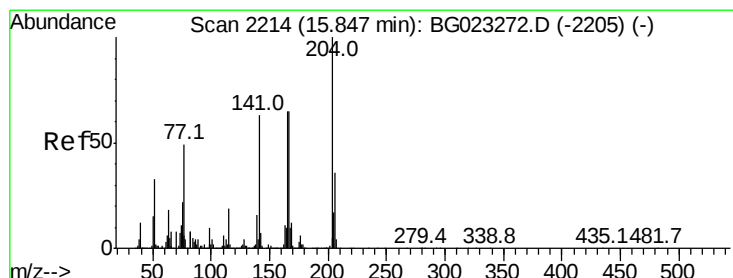
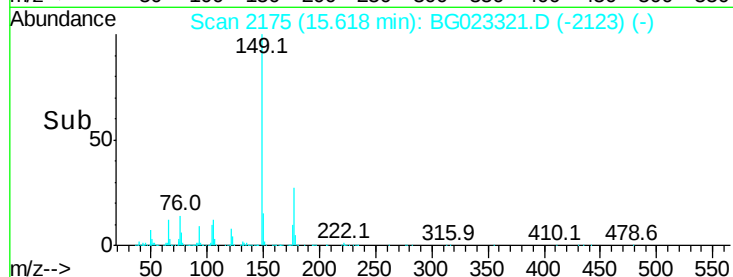
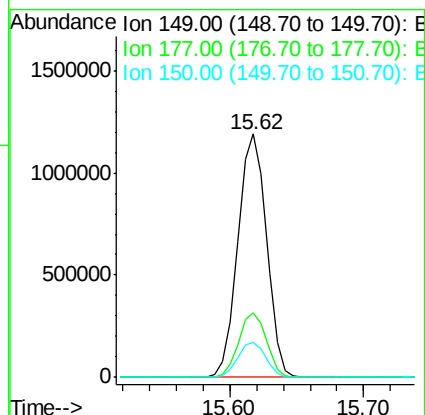
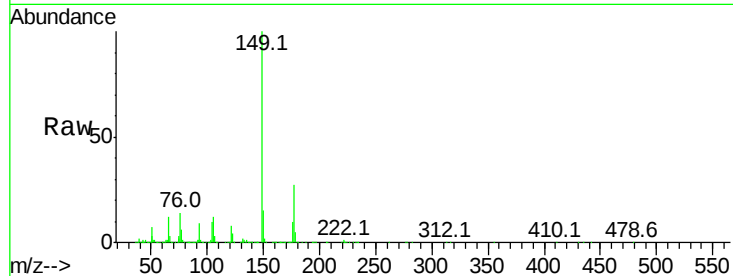
#59
Diethylphthalate
Concen: 36.80 ng
RT: 15.62 min Scan# 2175
Delta R.T. 0.00 min
Lab File: BG023321.D
Acq: 29 Jul 2016 1:46

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
177	26.5	19.2	28.8
150	14.6	10.6	16.0

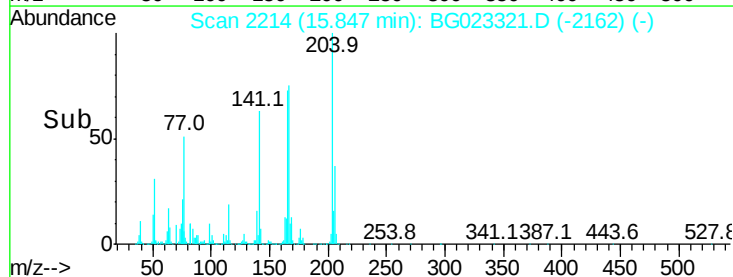
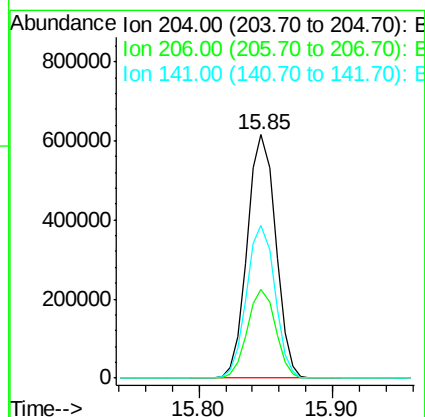
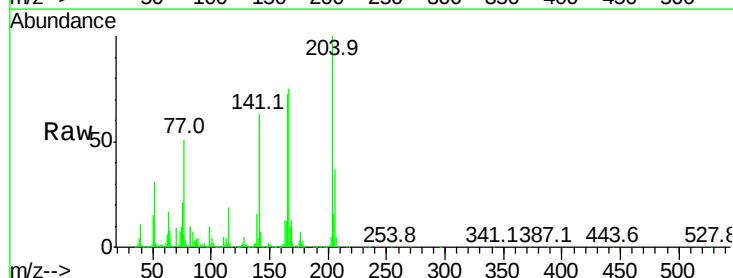
Manual Integrations

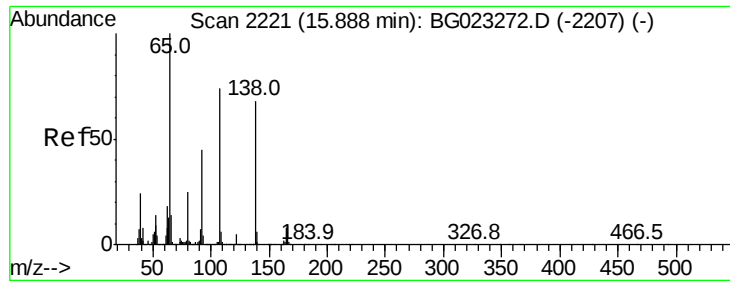
umangi
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#60
4-Chlorophenyl-phenylether
Concen: 37.84 ng
RT: 15.85 min Scan# 2214
Delta R.T. 0.00 min
Lab File: BG023321.D
Acq: 29 Jul 2016 1:46

Tgt Ion	Ratio	Lower	Upper
204	100		
206	36.7	28.5	42.7
141	62.5	51.4	77.0





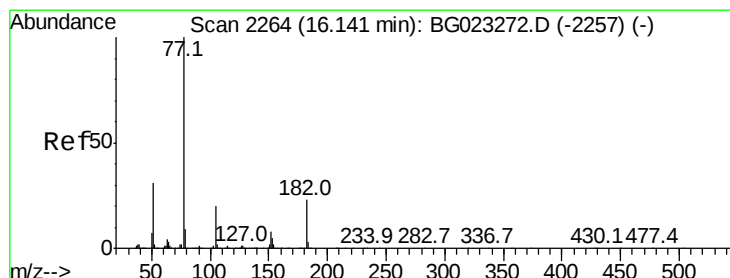
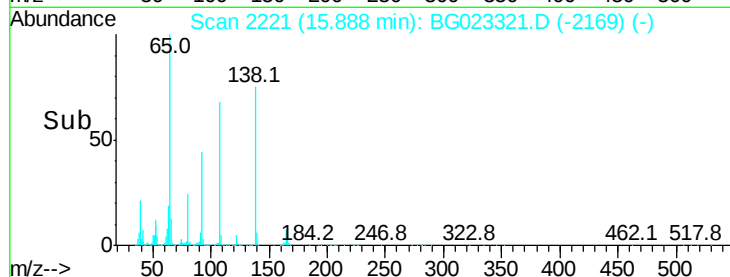
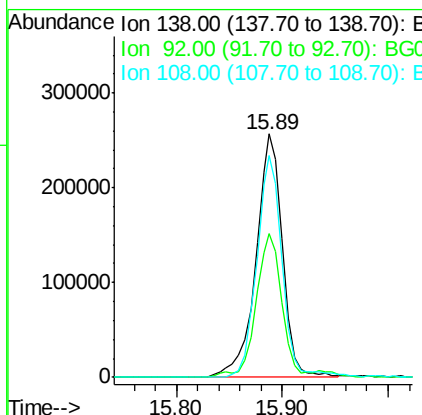
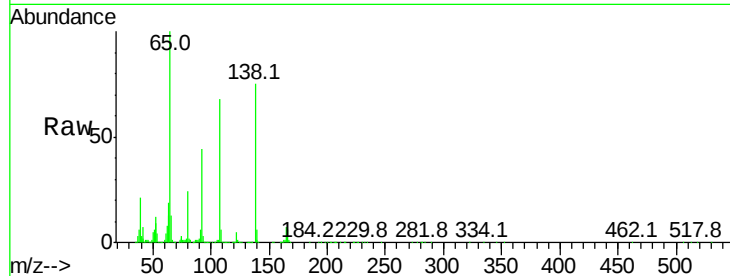
#61
4-Nitroaniline
Concen: 38.56 ng
RT: 15.89 min Scan# 2221
Delta R.T. 0.00 min
Lab File: BG023321.D
Acq: 29 Jul 2016 1:46

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:138 Resp: 446977
Ion Ratio Lower Upper
138 100
92 59.0 54.1 94.1
108 91.2 133.9 173.9#

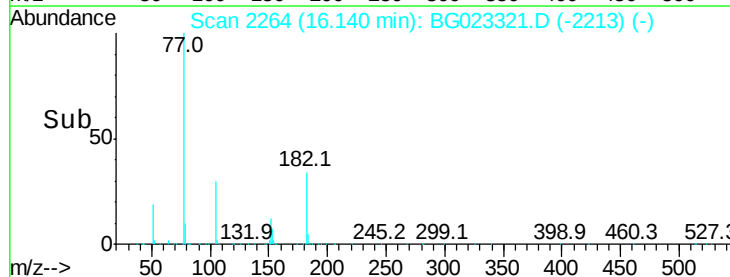
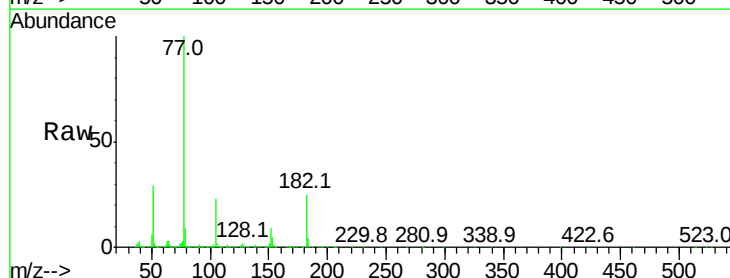
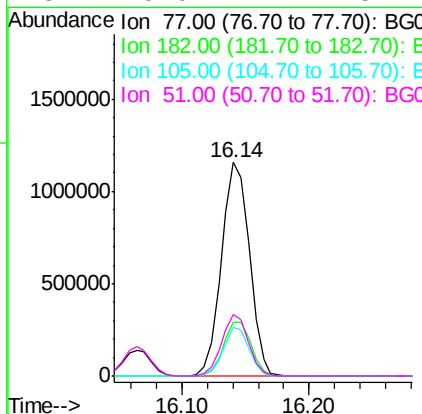
Manual Integrations

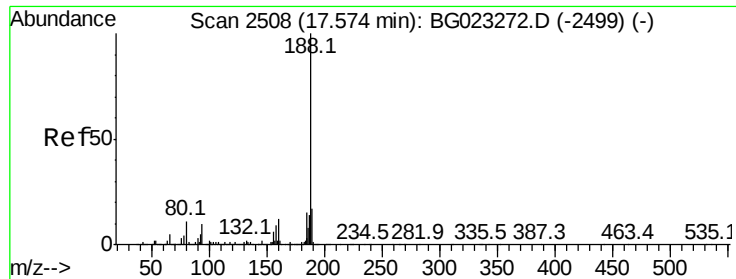
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#62
Azobenzene
Concen: 35.40 ng
RT: 16.14 min Scan# 2264
Delta R.T. -0.00 min
Lab File: BG023321.D
Acq: 29 Jul 2016 1:46

Tgt Ion: 77 Resp: 1762199
Ion Ratio Lower Upper
77 100
182 25.2 3.5 43.5
105 22.8 0.0 38.5
51 29.0 17.1 57.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.57 min Scan# 2507

Delta R.T. -0.00 min

Lab File: BG023321.D

Acq: 29 Jul 2016 1:46

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:188 Resp: 1365772

Ion Ratio Lower Upper

188 100

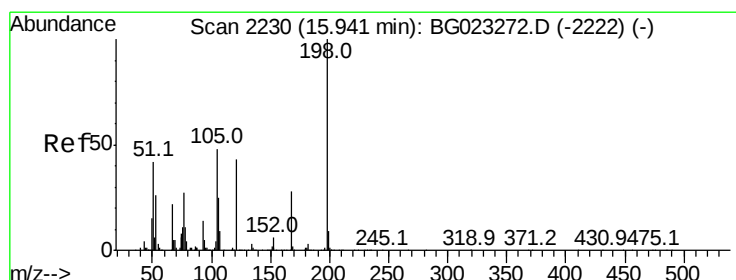
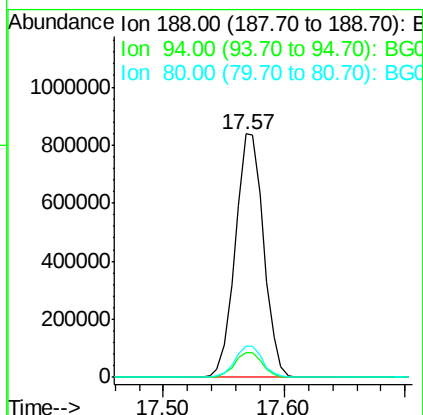
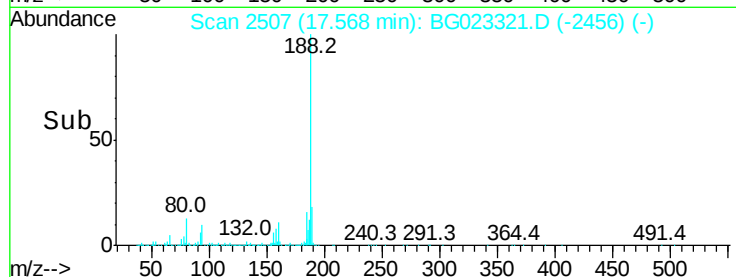
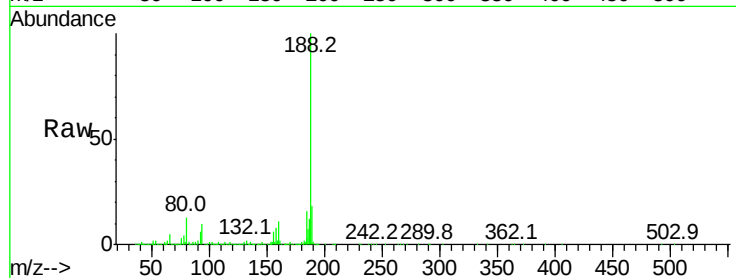
94 10.3 5.2 7.8#

80 12.8 7.2 10.8#

Manual Integrations

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#64

4,6-Dinitro-2-methylphenol

Concen: 41.11 ng

RT: 15.94 min Scan# 2230

Delta R.T. 0.00 min

Lab File: BG023321.D

Acq: 29 Jul 2016 1:46

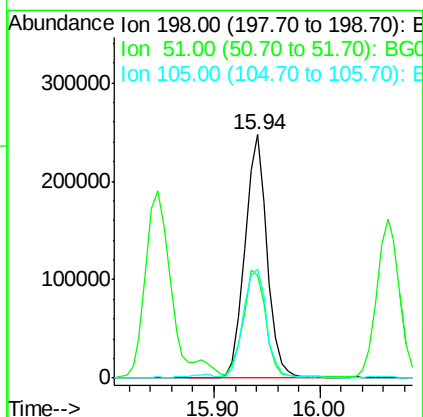
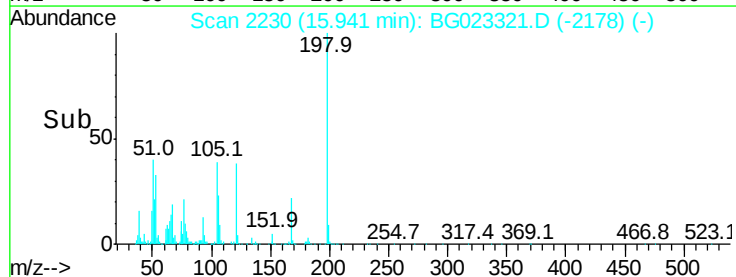
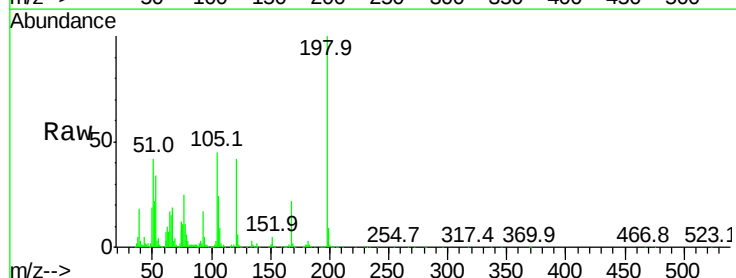
Tgt Ion:198 Resp: 360659

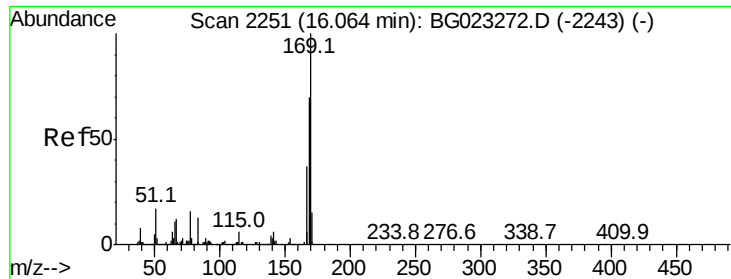
Ion Ratio Lower Upper

198 100

51 42.1 26.0 66.0

105 45.1 20.1 60.1





#65
 n-Nitrosodiphenylamine
 Concen: 42.00 ng
 RT: 16.06 min Scan# 2251
 Delta R.T. 0.00 min
 Lab File: BG023321.D
 Acq: 29 Jul 2016 1:46

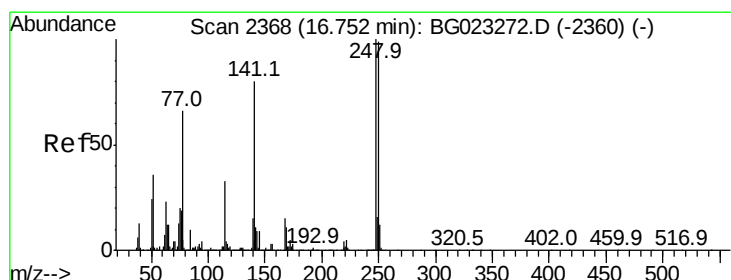
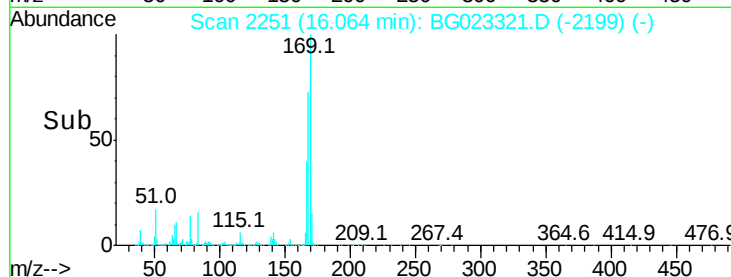
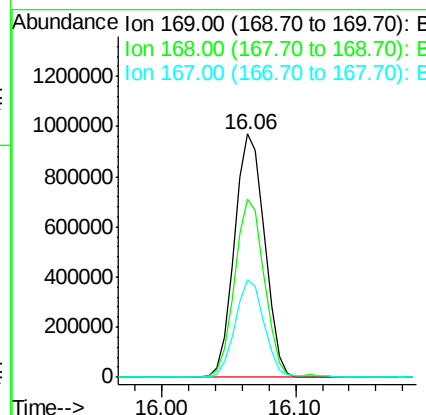
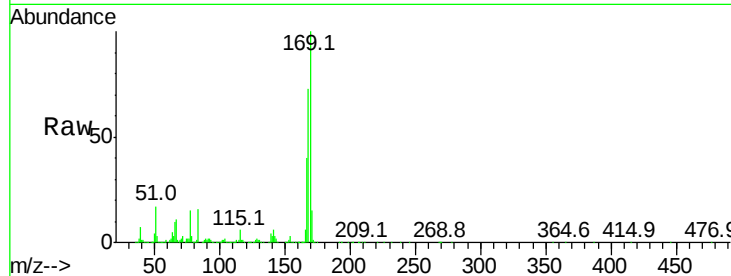
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:169 Resp: 1531495

Ion	Ratio	Lower	Upper
169	100		
168	73.1	55.0	82.4
167	40.1	27.4	41.0

Manual Integrations

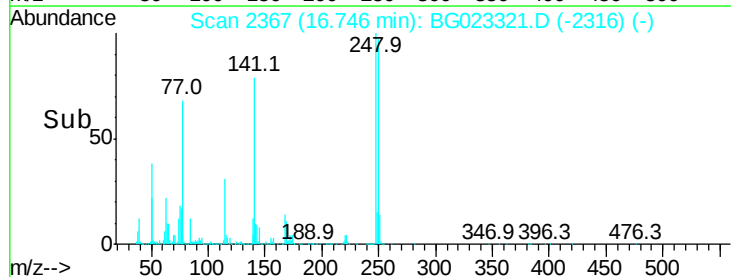
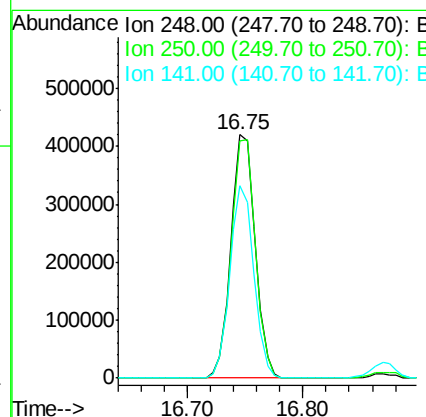
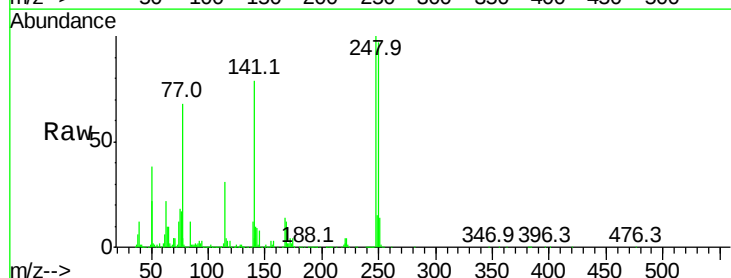
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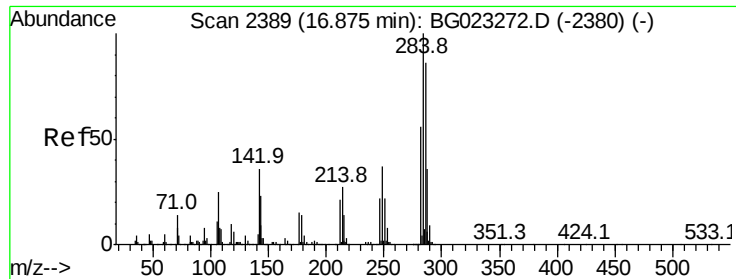


#66
 4-Bromophenyl-phenylether
 Concen: 44.22 ng
 RT: 16.75 min Scan# 2367
 Delta R.T. -0.00 min
 Lab File: BG023321.D
 Acq: 29 Jul 2016 1:46

Tgt Ion:248 Resp: 610599

Ion	Ratio	Lower	Upper
248	100		
250	97.3	77.8	116.8
141	78.9	65.7	98.5





#67

Hexachlorobenzene

Concen: 45.84 ng

RT: 16.87 min Scan# 2388

Delta R.T. -0.00 min

Lab File: BG023321.D

Acq: 29 Jul 2016 1:46

Instrument :

BNA_G

ClientSampleId :

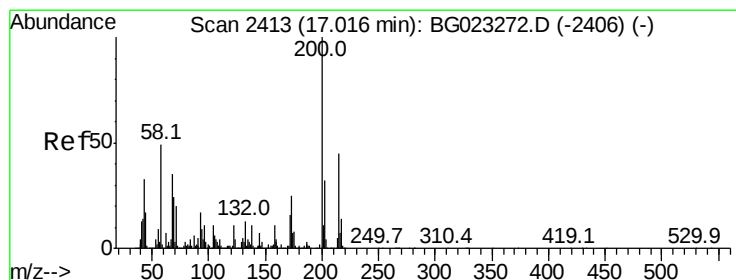
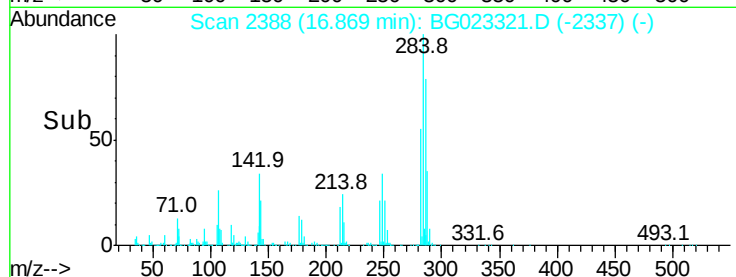
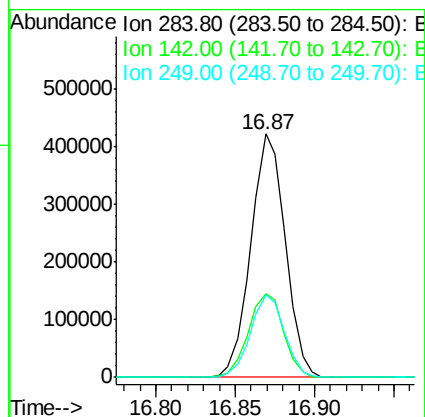
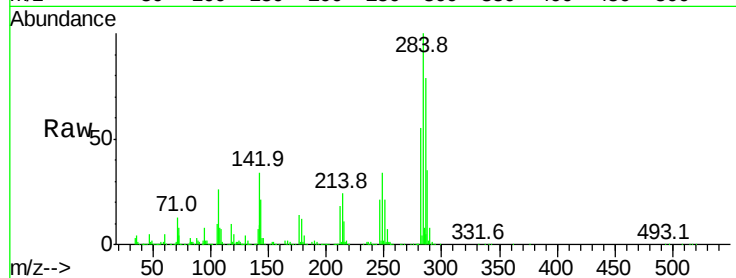
SSTDCCC040

Tot Ion:	284	Resp:	636459
Ion Ratio	Lower	Upper	
284	100		
142	34.4	26.8	40.2
249	33.6	28.9	43.3

Manual Integrations

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#68

Atrazine

Concen: 42.05 ng

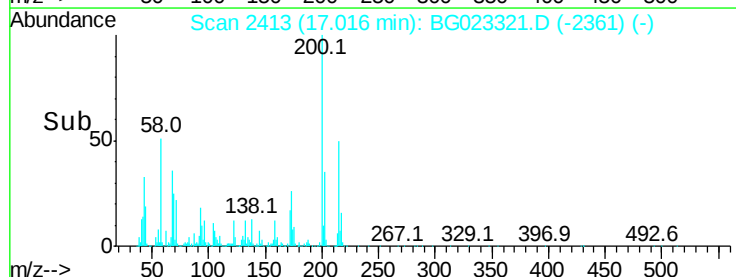
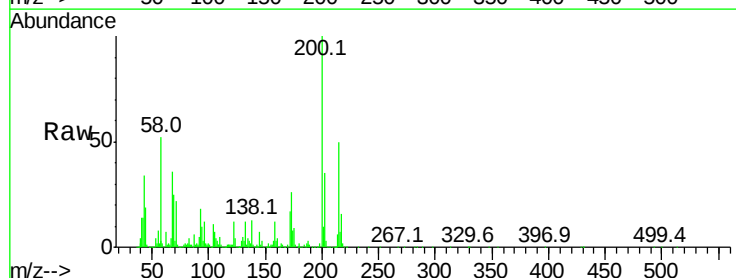
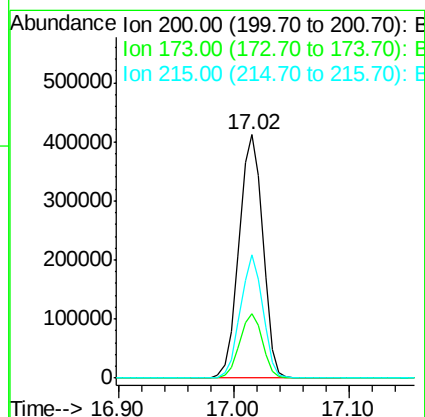
RT: 17.02 min Scan# 2413

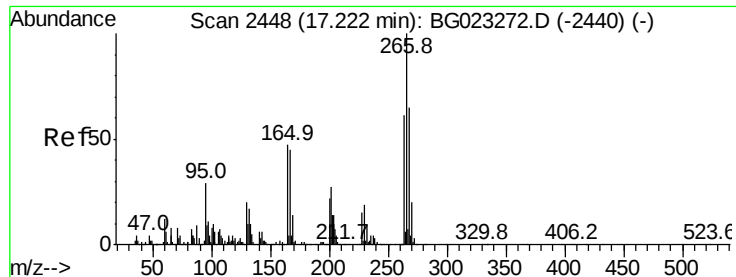
Delta R.T. 0.00 min

Lab File: BG023321.D

Acq: 29 Jul 2016 1:46

Tgt Ion:	200	Resp:	588119
Ion Ratio	Lower	Upper	
200	100		
173	26.3	1.6	41.6
215	50.4	28.7	68.7





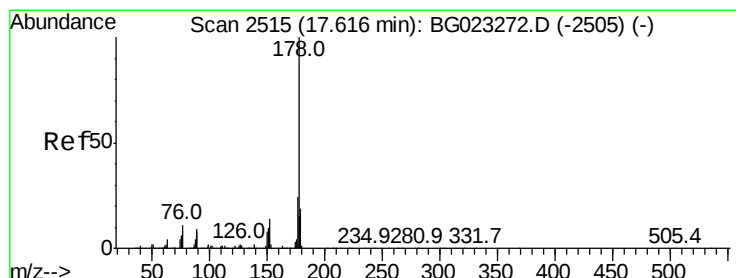
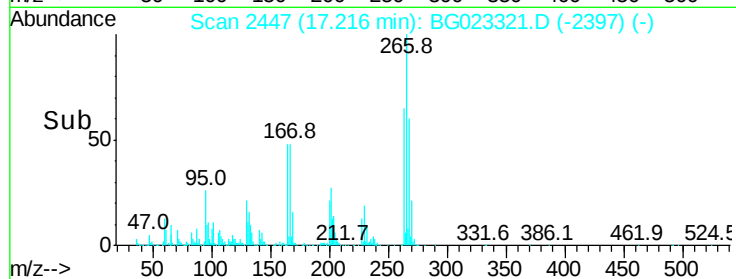
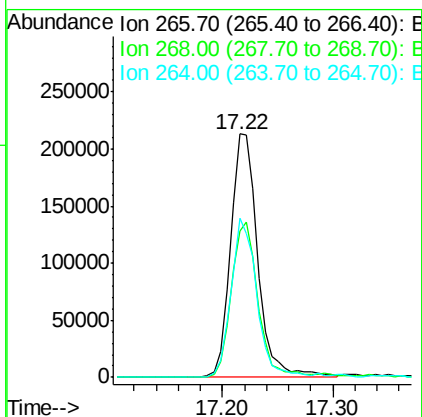
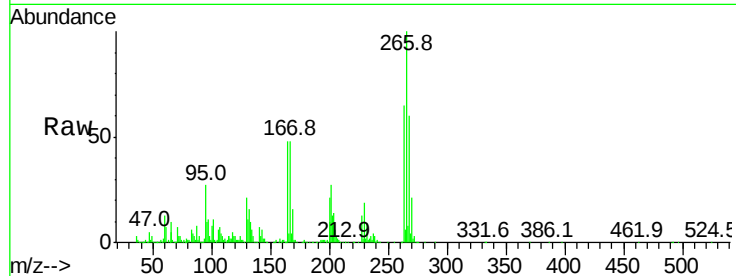
#69
 Pentachlorophenol
 Concen: 43.12 ng
 RT: 17.22 min Scan# 2447
 Delta R.T. -0.01 min
 Lab File: BG023321.D
 Acq: 29 Jul 2016 1:46

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
266	100		
268	60.2	51.9	77.9
264	65.1	50.6	75.8

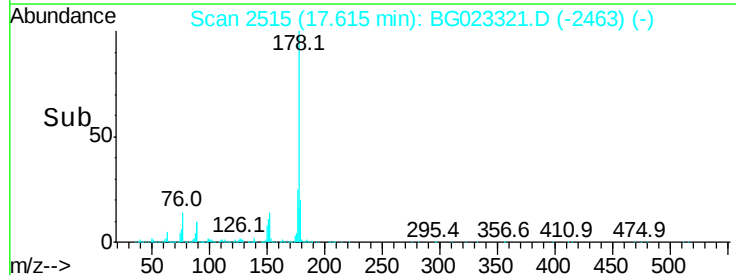
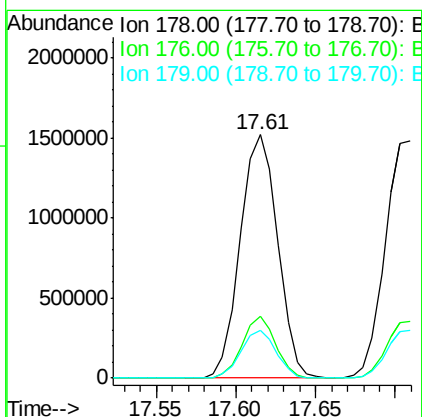
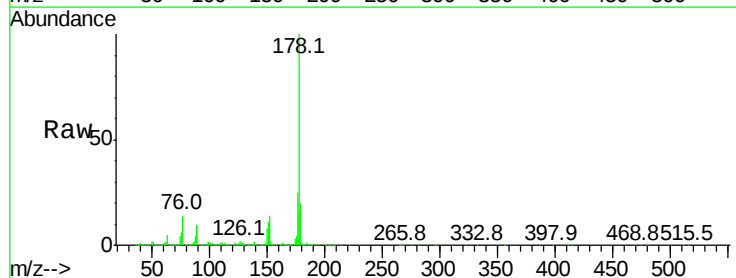
Manual Integrations

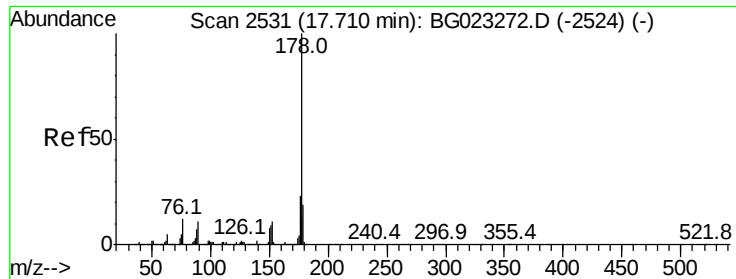
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#70
 Phenanthrene
 Concen: 41.46 ng m
 RT: 17.61 min Scan# 2515
 Delta R.T. 0.00 min
 Lab File: BG023321.D
 Acq: 29 Jul 2016 1:46

Tgt Ion	Ratio	Lower	Upper
178	100		
176	25.5	16.8	25.2#
179	19.6	14.3	21.5





#71

Anthracene

Concen: 41.88 ng

RT: 17.71 min Scan# 2531

Delta R.T. 0.00 min

Lab File: BG023321.D

Acq: 29 Jul 2016 1:46

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 2527882

Ion	Ratio	Lower	Upper
178	100		
176	24.0	17.3	25.9
179	20.3	14.0	21.0

178 100

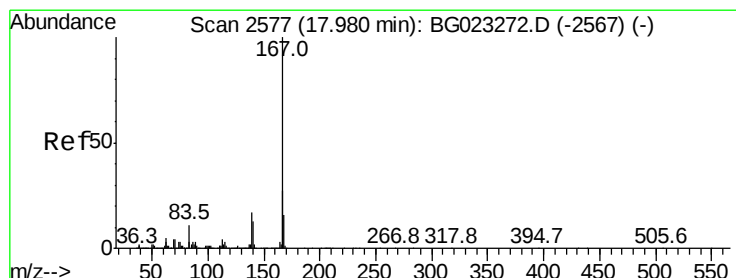
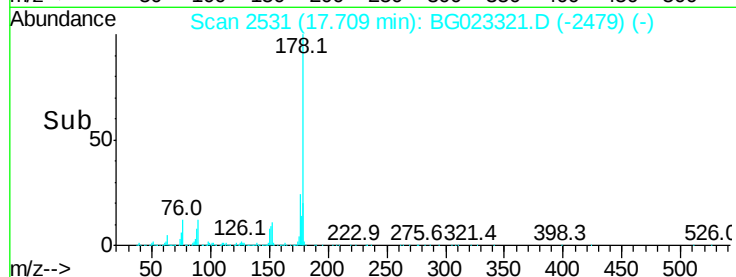
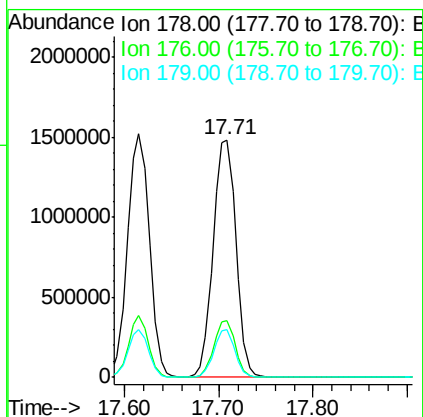
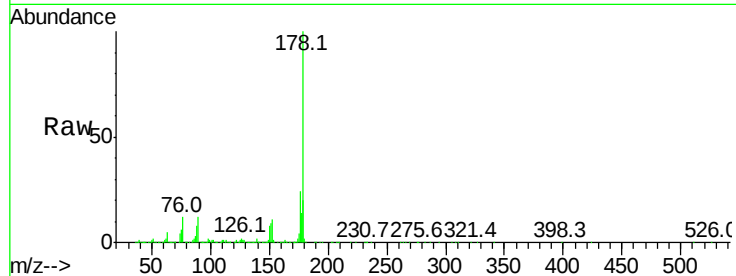
176 24.0 17.3 25.9

179 20.3 14.0 21.0

Manual Integrations

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#72

Carbazole

Concen: 41.49 ng

RT: 17.98 min Scan# 2577

Delta R.T. -0.00 min

Lab File: BG023321.D

Acq: 29 Jul 2016 1:46

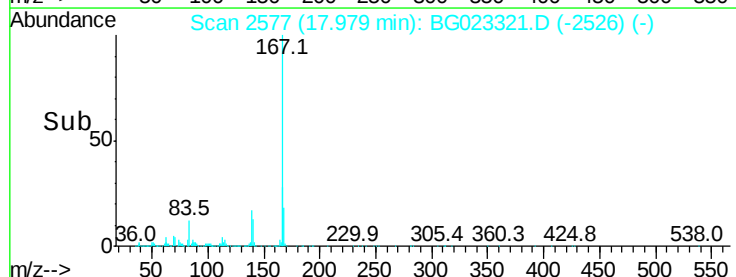
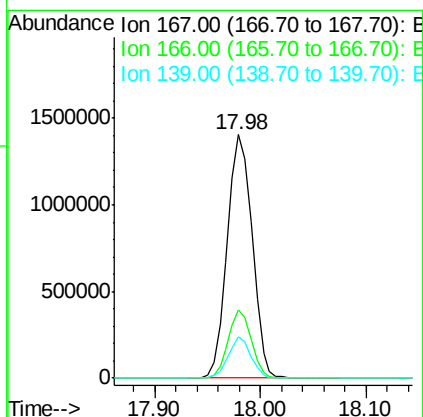
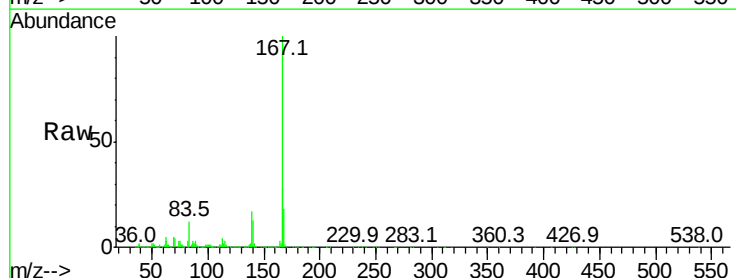
Tgt Ion:167 Resp: 2293445

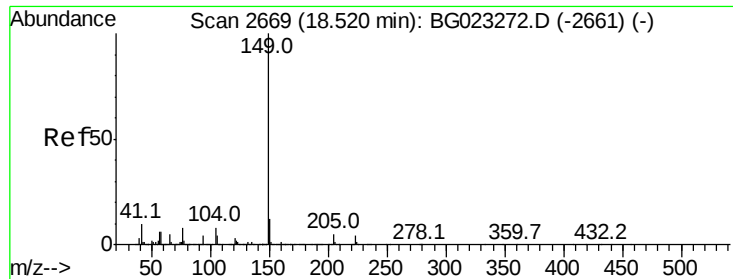
Ion	Ratio	Lower	Upper
167	100		
166	28.2	20.7	31.1
139	17.1	11.9	17.9

167 100

166 28.2 20.7 31.1

139 17.1 11.9 17.9





#73

Di-n-butylphthalate

Concen: 42.32 ng

RT: 18.52 min Scan# 2669

Delta R.T. -0.00 min

Lab File: BG023321.D

Acq: 29 Jul 2016 1:46

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 2610493

Ion Ratio Lower Upper

149 100

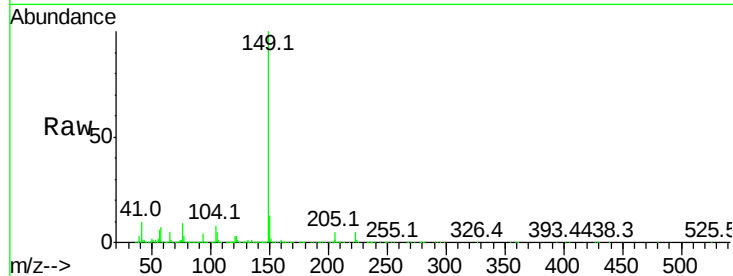
150 13.1 9.1 13.7

104 8.2 6.9 10.3

Manual Integrations

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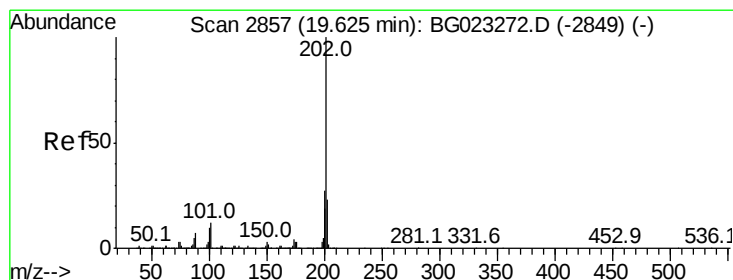
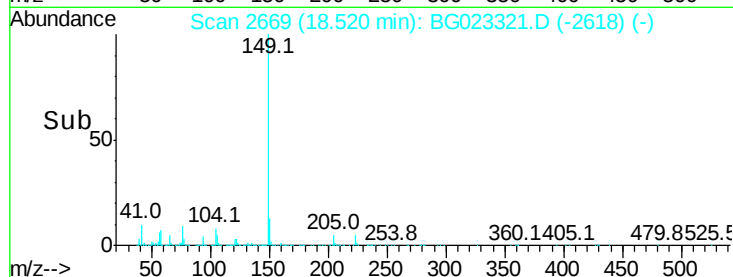
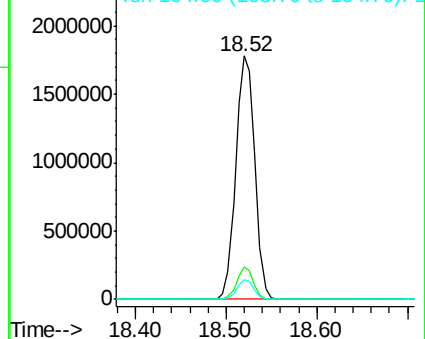
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.56 ng

RT: 19.63 min Scan# 2858

Delta R.T. 0.00 min

Lab File: BG023321.D

Acq: 29 Jul 2016 1:46

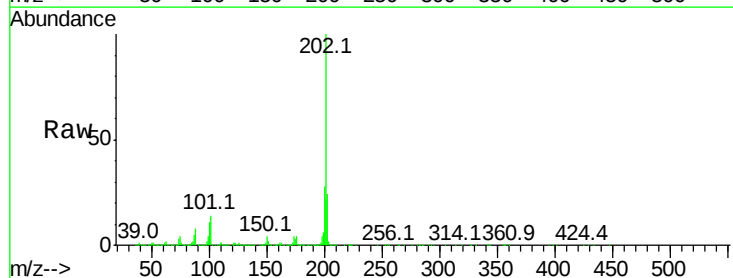
Tgt Ion:202 Resp: 2696702

Ion Ratio Lower Upper

202 100

101 14.1 0.0 27.4

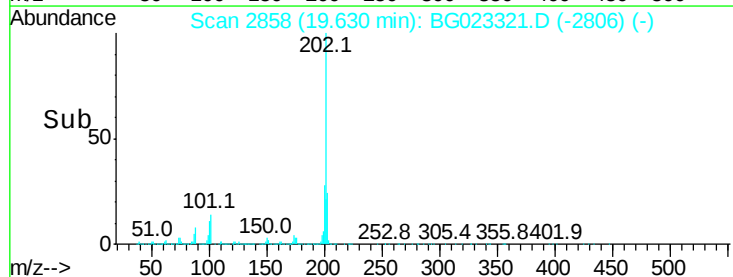
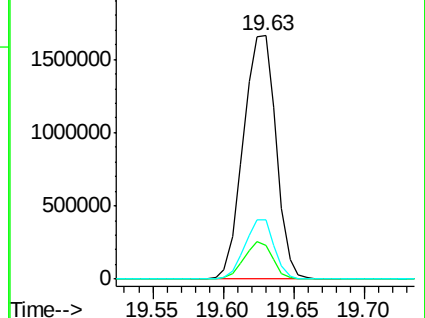
203 24.4 1.7 41.7

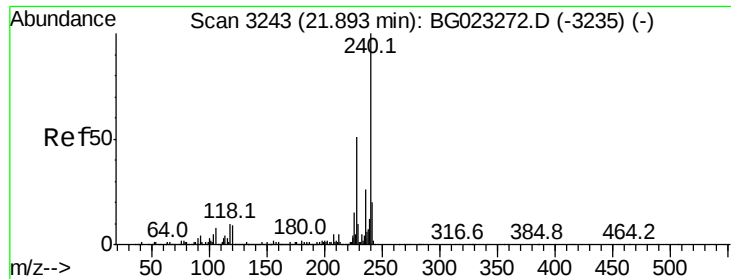


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





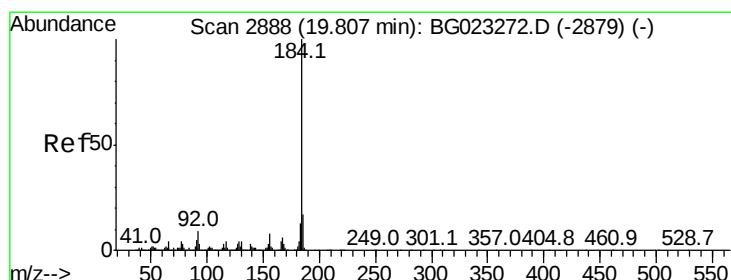
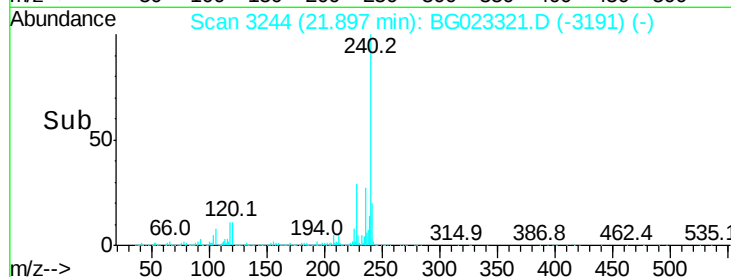
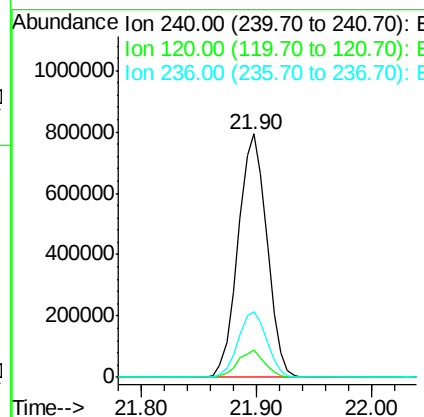
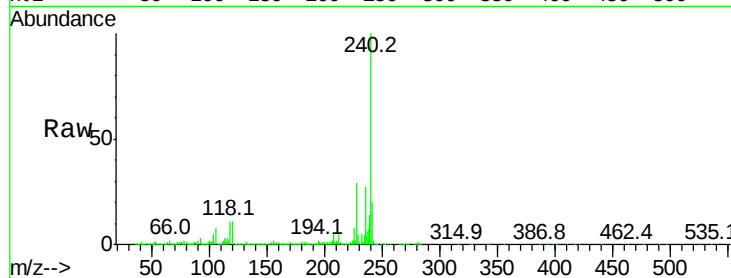
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.90 min Scan# 3244
Delta R.T. 0.01 min
Lab File: BG023321.D
Acq: 29 Jul 2016 1:46

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:240 Resp: 1369055
Ion Ratio Lower Upper
240 100
120 11.0 4.1 6.1#
236 26.7 21.1 31.7

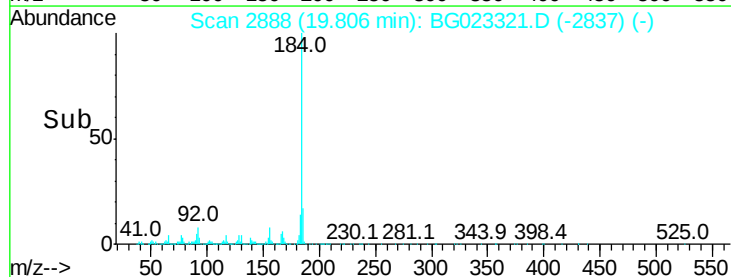
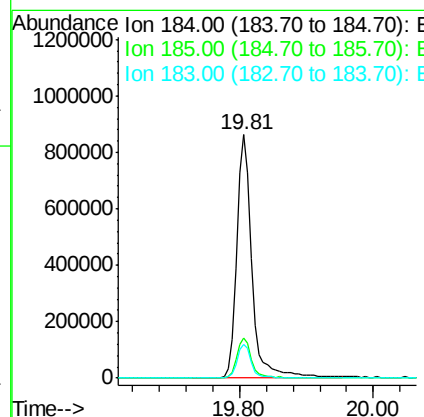
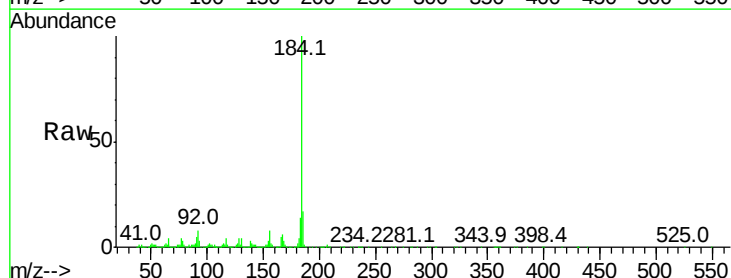
Manual Integrations

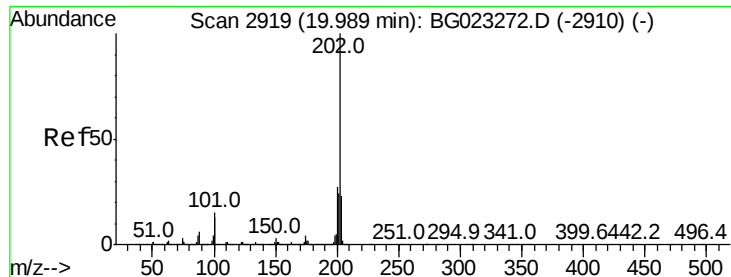
umangi
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#76
Benzidine
Concen: 35.93 ng
RT: 19.81 min Scan# 2888
Delta R.T. -0.00 min
Lab File: BG023321.D
Acq: 29 Jul 2016 1:46

Tgt Ion:184 Resp: 1383490
Ion Ratio Lower Upper
184 100
185 16.6 12.6 19.0
183 14.0 10.7 16.1





#77

Pvrene

Concen: 35.04 ng

RT: 19.99 min Scan# 2919

Delta R.T. -0.00 min

Lab File: BG023321.D

Acq: 29 Jul 2016 1:46

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:202 Resp: 2722480

Ion	Ratio	Lower	Upper
202	100		
200	29.7	21.2	31.8
203	24.6	16.8	25.2

202 100

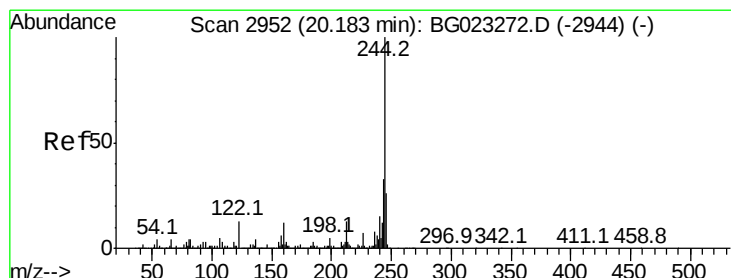
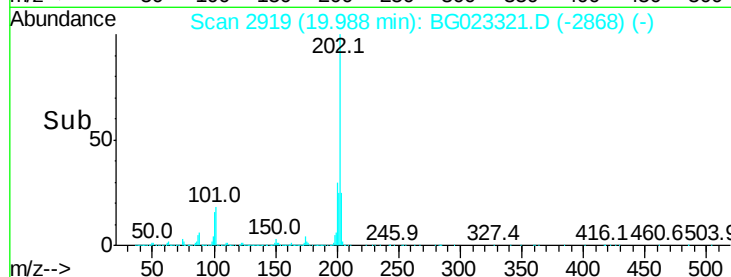
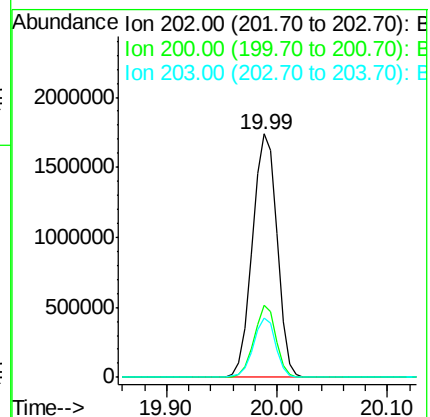
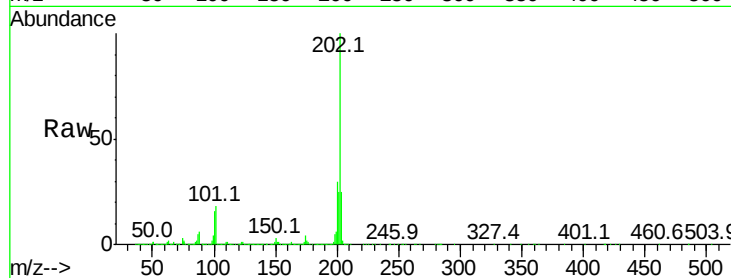
200 29.7 21.2 31.8

203 24.6 16.8 25.2

Manual Integrations

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#78

Terphenyl-d14

Concen: 73.03 ng

RT: 20.18 min Scan# 2952

Delta R.T. 0.00 min

Lab File: BG023321.D

Acq: 29 Jul 2016 1:46

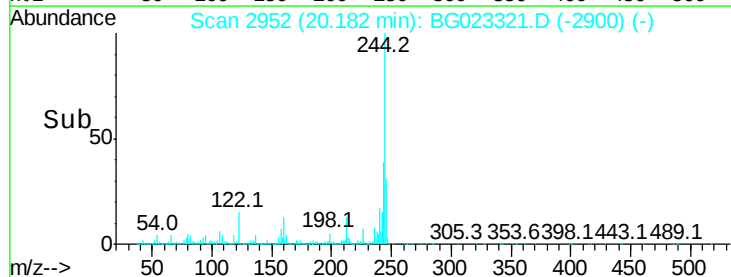
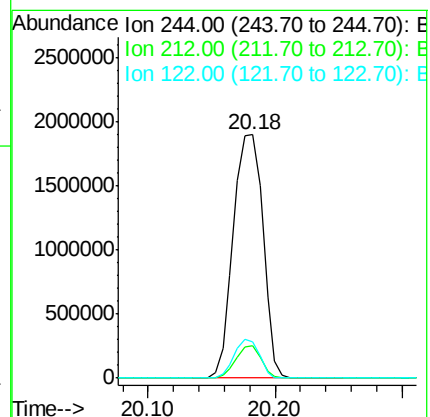
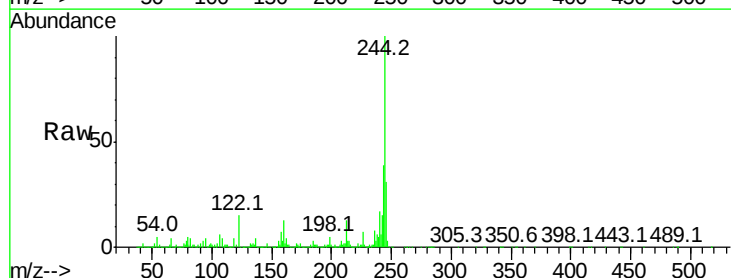
Tgt Ion:244 Resp: 3075861

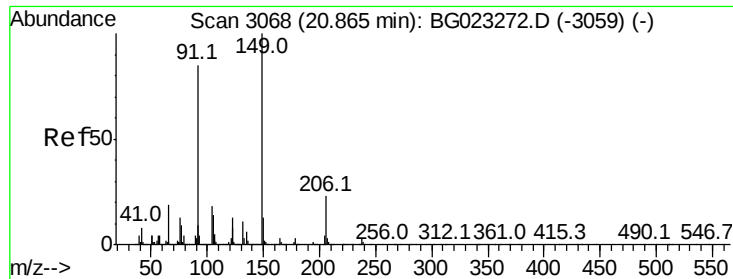
Ion	Ratio	Lower	Upper
244	100		
212	13.1	10.8	16.2
122	14.8	8.0	12.0

244 100

212 13.1 10.8 16.2

122 14.8 8.0 12.0





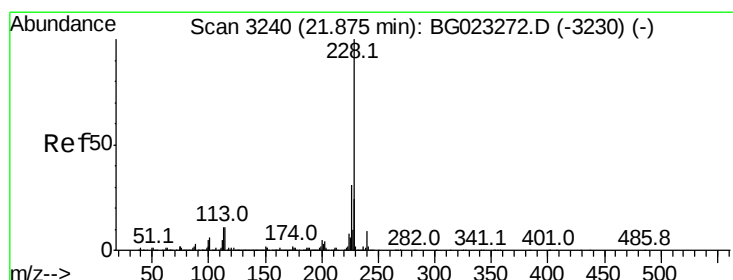
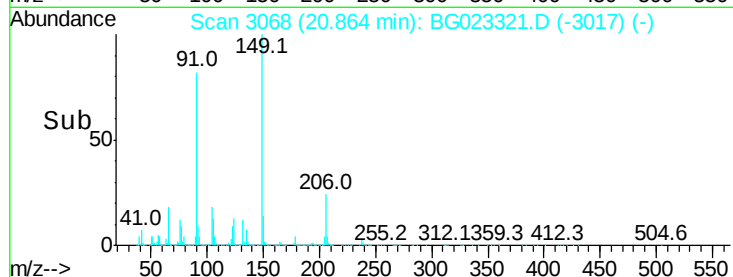
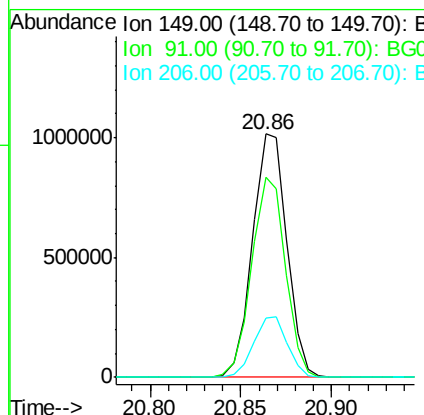
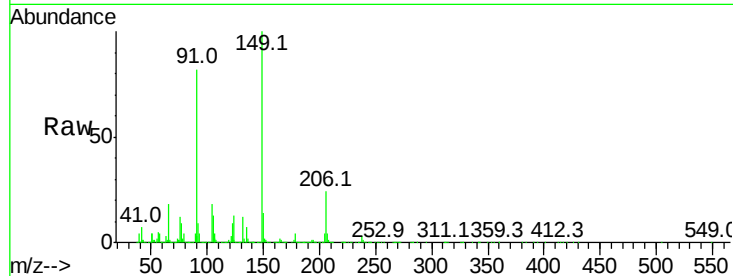
#79
Butylbenzylphthalate
Concen: 39.05 ng
RT: 20.86 min Scan# 3068
Delta R.T. -0.00 min
Lab File: BG023321.D
Acq: 29 Jul 2016 1:46

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 1334901
Ion Ratio Lower Upper
149 100
91 82.2 68.1 102.1
206 24.1 19.8 29.6

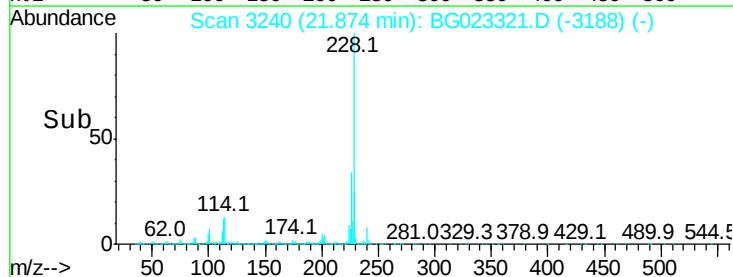
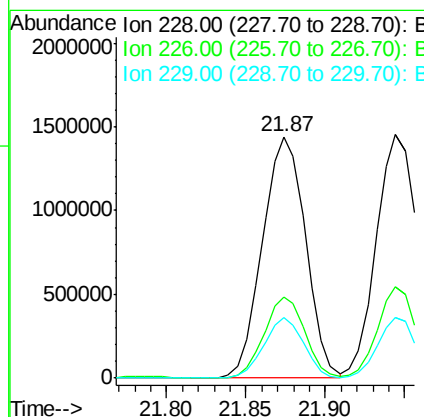
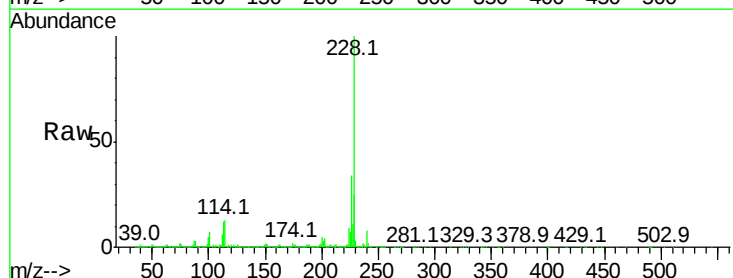
Manual Integrations

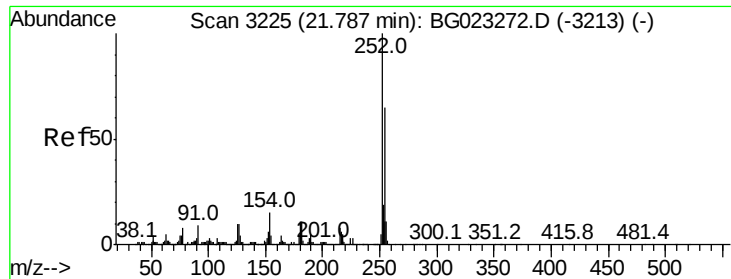
umangi
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#80
Benzo(a)anthracene
Concen: 38.04 ng
RT: 21.87 min Scan# 3240
Delta R.T. 0.00 min
Lab File: BG023321.D
Acq: 29 Jul 2016 1:46

Tgt Ion:228 Resp: 2726334
Ion Ratio Lower Upper
228 100
226 33.9 25.3 37.9
229 25.3 19.9 29.9





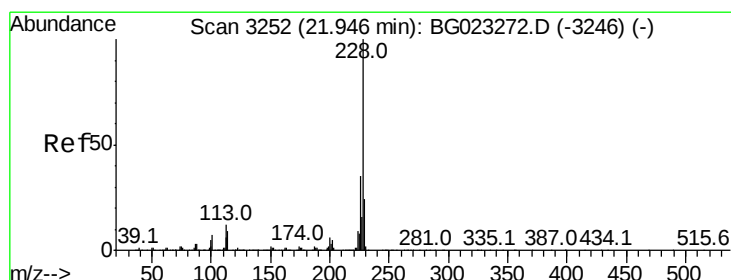
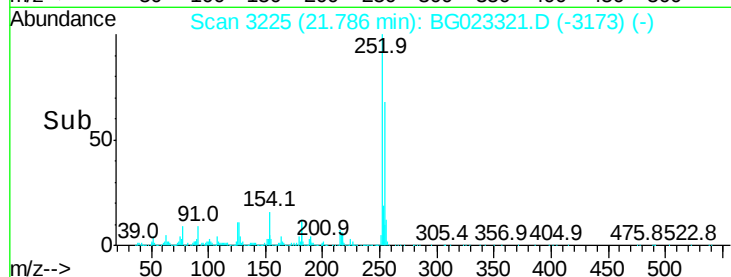
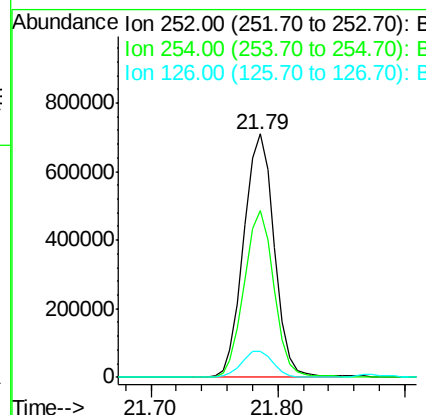
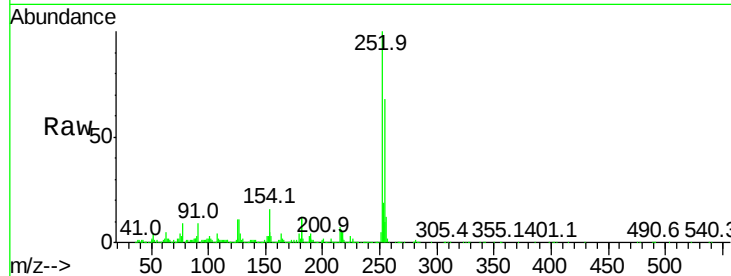
#81
 3,3'-Dichlorobenzidine
 Concen: 40.98 ng
 RT: 21.79 min Scan# 3225
 Delta R.T. 0.00 min
 Lab File: BG023321.D
 Acq: 29 Jul 2016 1:46

Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

Tot Ion:252 Resp: 1190819
 Ion Ratio Lower Upper
 252 100
 254 68.3 51.2 76.8
 126 10.8 5.3 7.9#

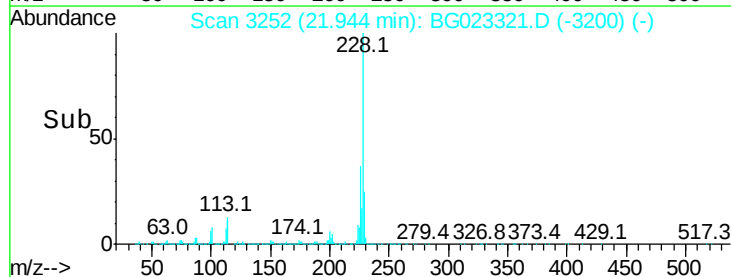
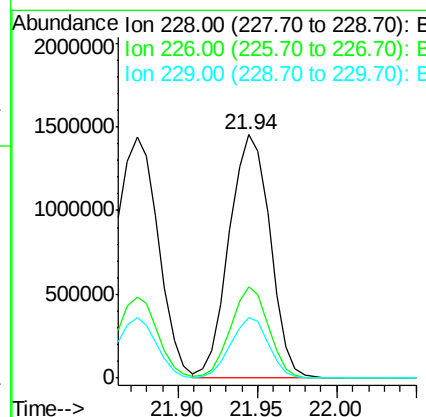
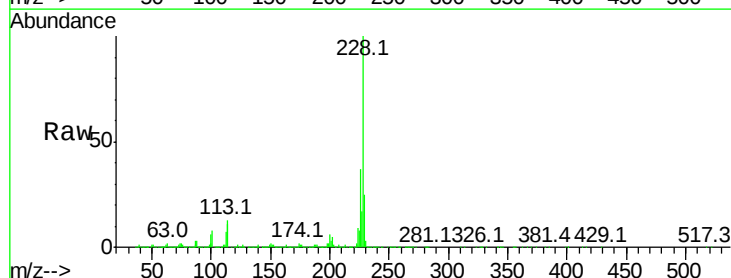
Manual Integrations

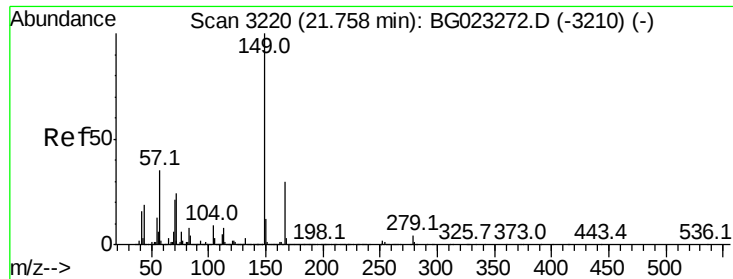
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#82
 Chrysene
 Concen: 37.36 ng
 RT: 21.94 min Scan# 3252
 Delta R.T. 0.00 min
 Lab File: BG023321.D
 Acq: 29 Jul 2016 1:46

Tgt Ion:228 Resp: 2587470
 Ion Ratio Lower Upper
 228 100
 226 37.3 26.7 40.1
 229 25.1 17.4 26.2





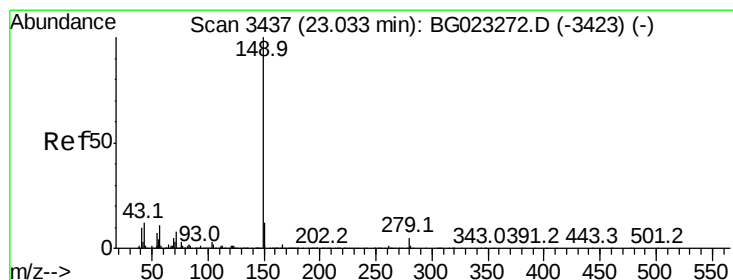
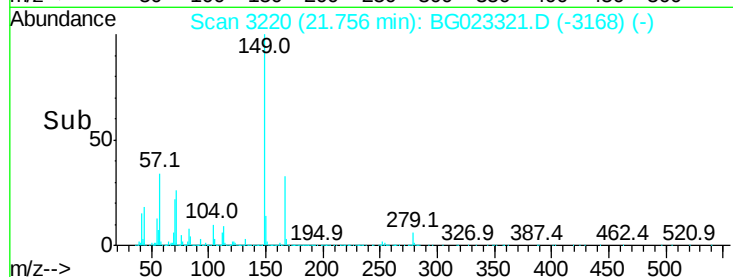
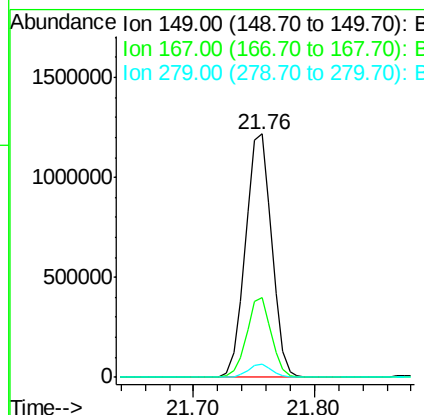
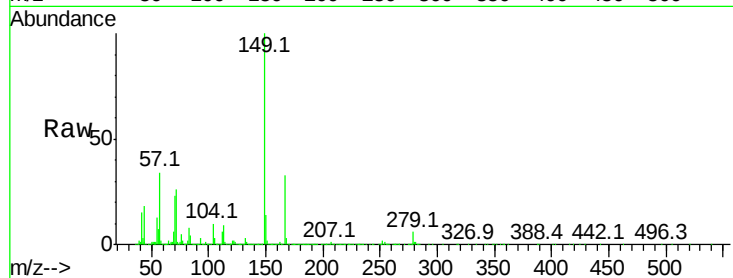
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.58 ng
 RT: 21.76 min Scan# 3220
 Delta R.T. 0.00 min
 Lab File: BG023321.D
 Acq: 29 Jul 2016 1:46

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:149 Resp: 1845388
 Ion Ratio Lower Upper
 149 100
 167 32.8 24.0 36.0
 279 5.6 4.8 7.2

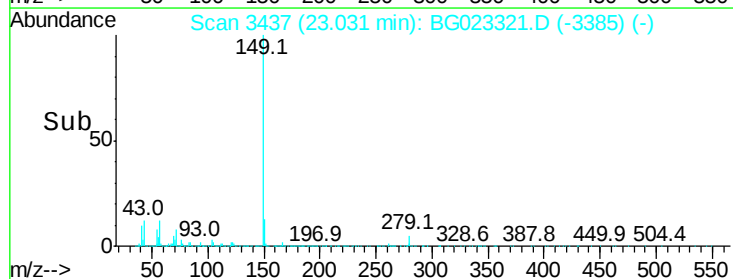
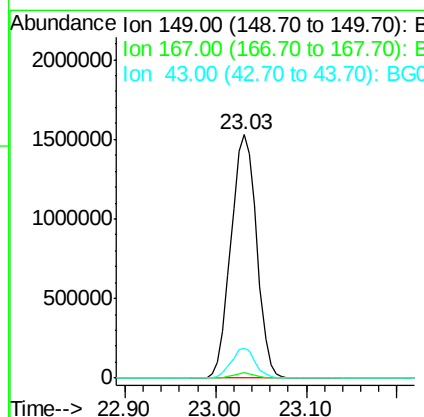
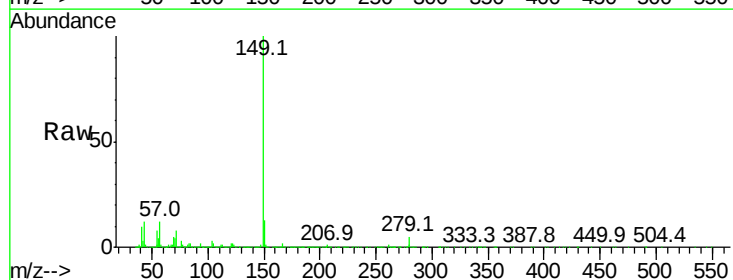
Manual Integrations

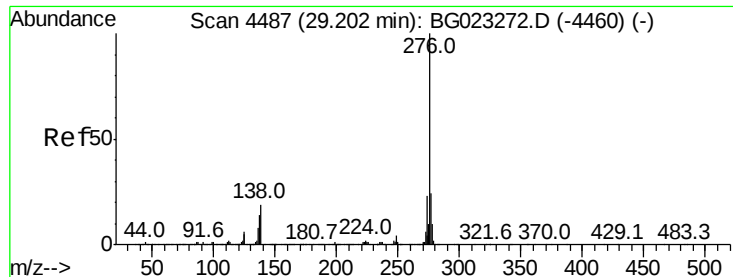
umangi
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#84
 Di-n-octyl phthalate
 Concen: 38.38 ng
 RT: 23.03 min Scan# 3437
 Delta R.T. 0.00 min
 Lab File: BG023321.D
 Acq: 29 Jul 2016 1:46

Tgt Ion:149 Resp: 3002610
 Ion Ratio Lower Upper
 149 100
 167 1.9 1.5 2.3
 43 11.5 8.8 13.2





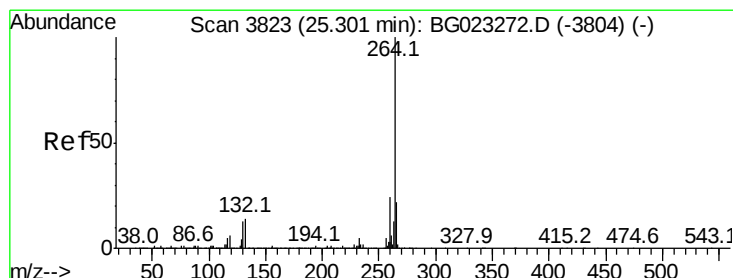
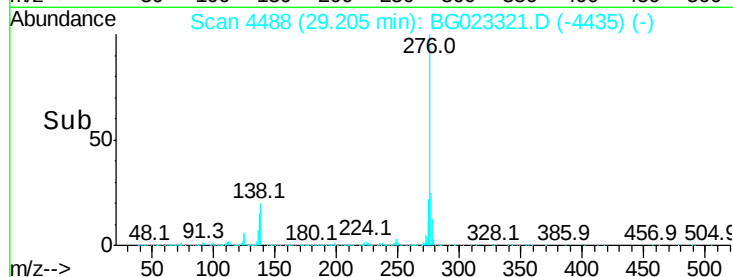
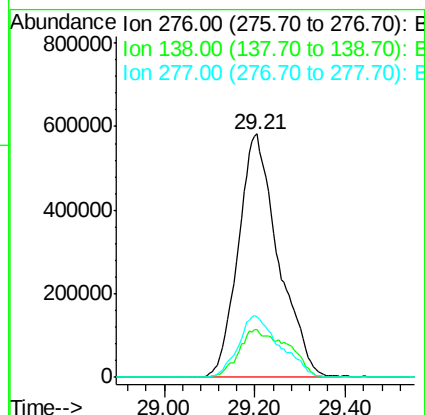
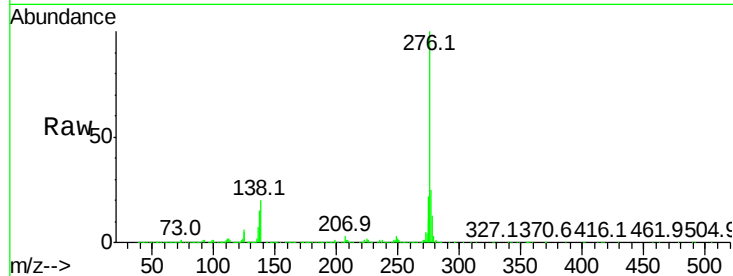
#85
Indeno(1,2,3-cd)pyrene
Concen: 44.10 ng
RT: 29.21 min Scan# 4488
Delta R.T. 0.01 min
Lab File: BG023321.D
Acq: 29 Jul 2016 1:46

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:276 Resp: 3562431
Ion Ratio Lower Upper
276 100
138 24.2 0.0 0.0#
277 26.4 0.0 0.0#

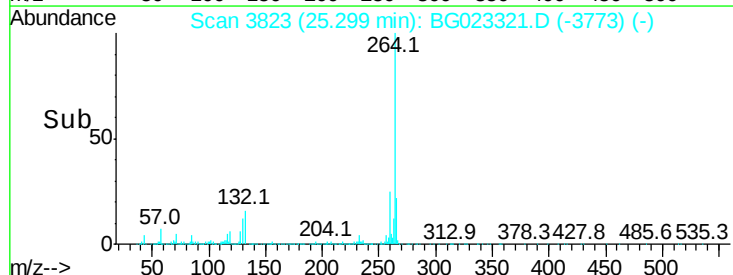
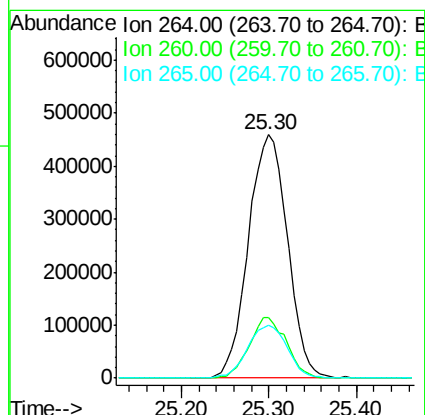
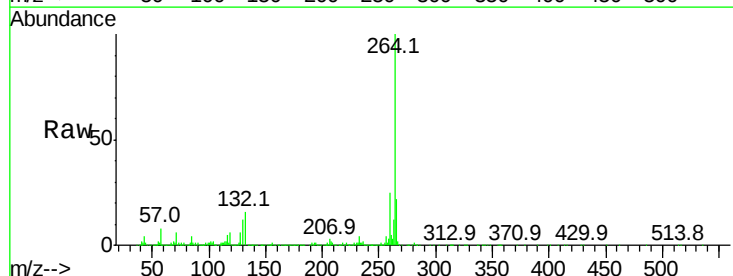
Manual Integrations

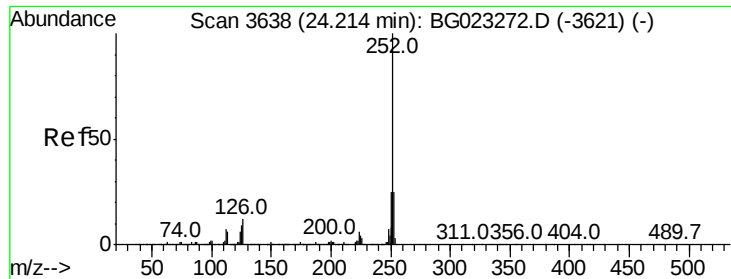
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#86
Perylene-d12
Concen: 20.00 ng
RT: 25.30 min Scan# 3823
Delta R.T. -0.00 min
Lab File: BG023321.D
Acq: 29 Jul 2016 1:46

Tgt Ion:264 Resp: 1399100
Ion Ratio Lower Upper
264 100
260 24.7 18.4 27.6
265 22.0 18.9 28.3





#87

Benzo(b)fluoranthene

Concen: 40.02 ng

RT: 24.21 min Scan# 3638

Delta R.T. 0.00 min

Lab File: BG023321.D

Acq: 29 Jul 2016 1:46

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:252 Resp: 2974840

Ion Ratio Lower Upper

252 100

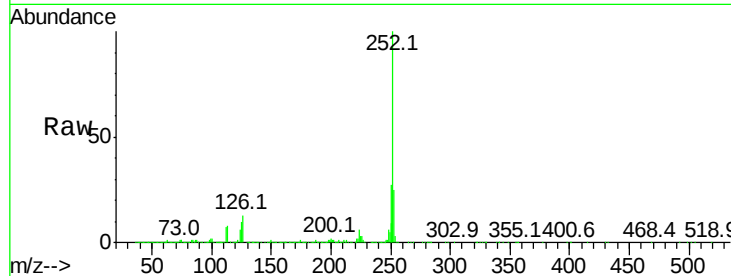
253 25.1 18.9 28.3

125 9.9 3.9 5.9#

Manual Integrations

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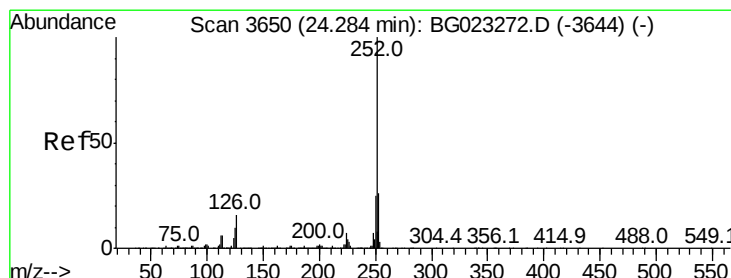
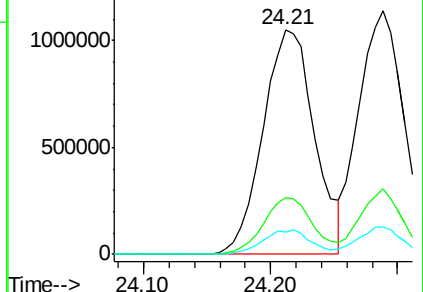
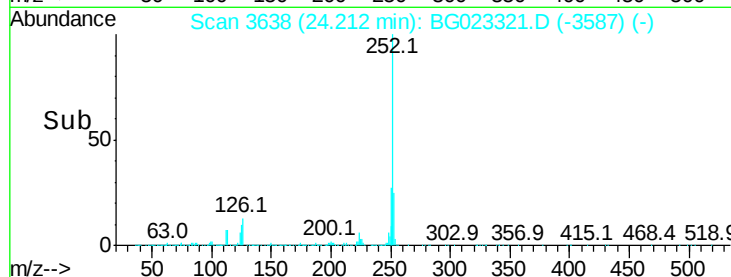
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 37.63 ng

RT: 24.29 min Scan# 3651

Delta R.T. 0.00 min

Lab File: BG023321.D

Acq: 29 Jul 2016 1:46

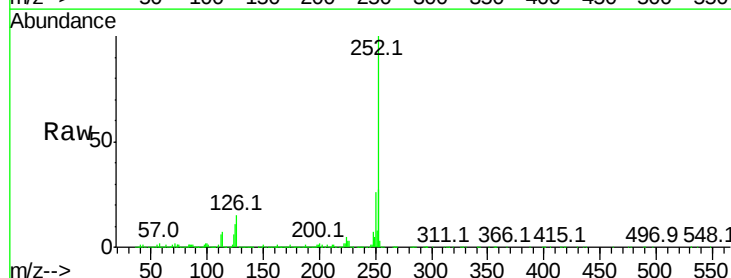
Tgt Ion:252 Resp: 2796029

Ion Ratio Lower Upper

252 100

253 26.8 18.8 28.2

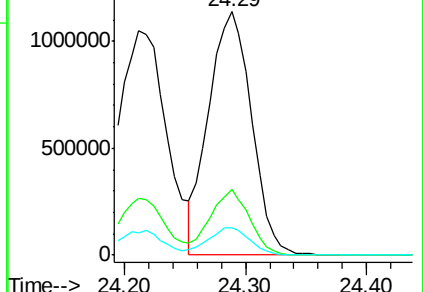
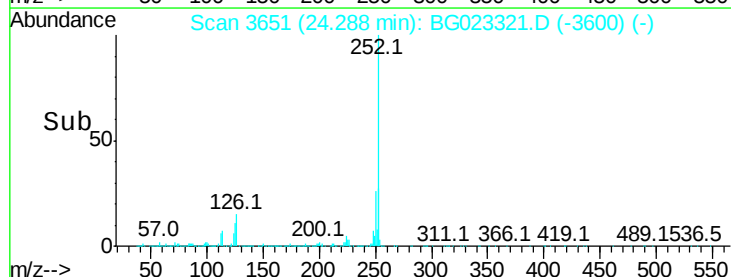
125 11.4 3.2 4.8#

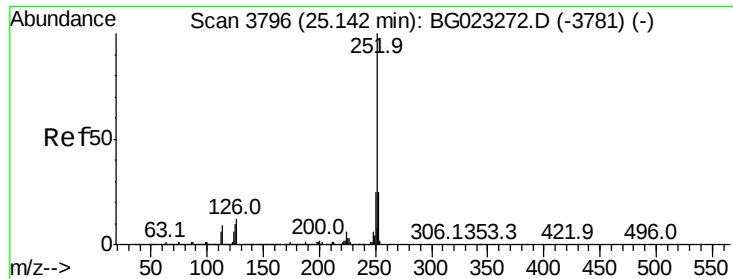


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





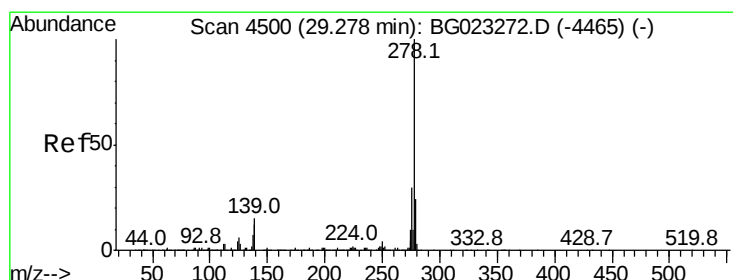
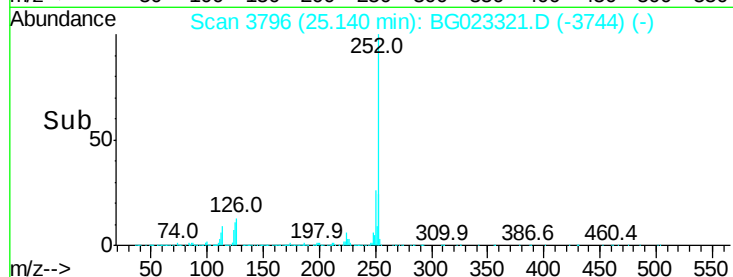
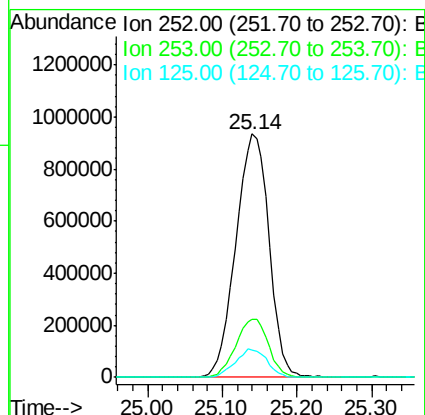
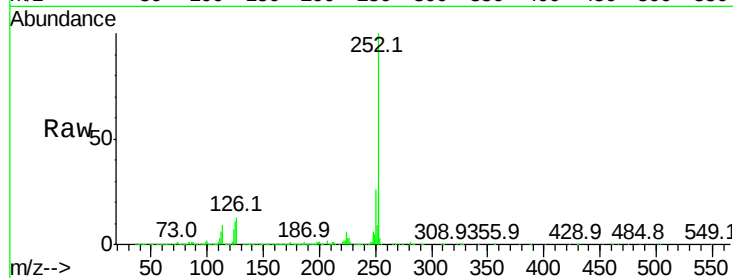
#89
Benzo(a)pyrene
Concen: 39.47 ng
RT: 25.14 min Scan# 3796
Delta R.T. 0.01 min
Lab File: BG023321.D
Acq: 29 Jul 2016 1:46

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 2875101
Ion Ratio Lower Upper
252 100
253 23.7 18.7 28.1
125 11.2 3.9 5.9#

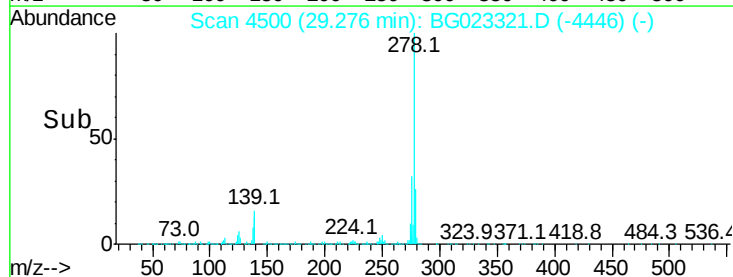
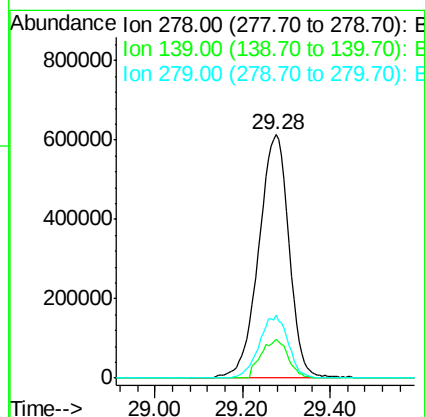
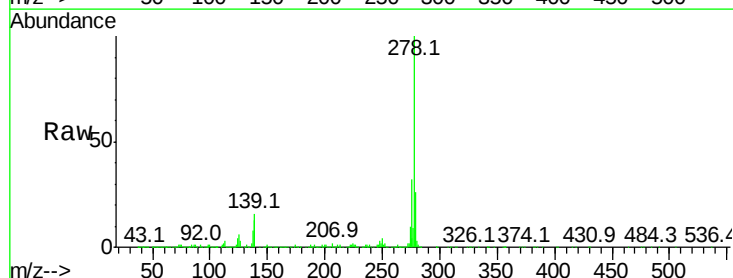
Manual Integrations

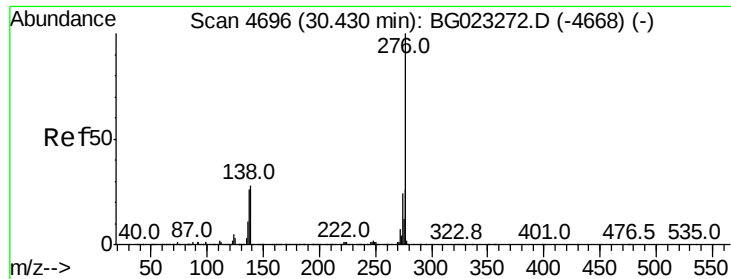
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#90
Dibenzo(a,h)anthracene
Concen: 42.47 ng
RT: 29.28 min Scan# 4500
Delta R.T. 0.02 min
Lab File: BG023321.D
Acq: 29 Jul 2016 1:46

Tgt Ion:278 Resp: 2925811
Ion Ratio Lower Upper
278 100
139 16.2 4.7 7.1#
279 25.9 18.3 27.5





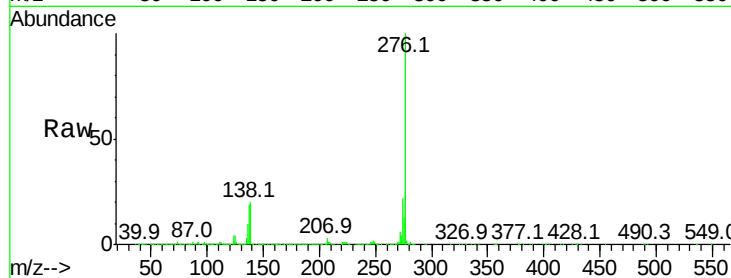
#91
 Benzo(a,h,i)perylene
 Concen: 40.42 ng
 RT: 30.43 min Scan# 4696
 Delta R.T. 0.01 min
 Lab File: BG023321.D
 Acq: 29 Jul 2016 1:46

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.6	27.8
138	20.2	6.8	10.2

Manual Integrations

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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

