

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072616\
 Data File : BG023276.D
 Acq On : 26 Jul 2016 20:46
 Operator : UM/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG072616

Manual Integrations

umangi
 7/28/2016 7:07:12 PM

Quant Time: Jul 28 19:05:44 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG072616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 17:30:33 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	192333	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	886274	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	557196	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	1277629	20.00	ng	0.00
75) Chrysene-d12	21.89	240	1235487	20.00	ng	0.00
86) Perylene-d12	25.30	264	1224891	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.67	112	978837	86.88	ng	0.00
7) Phenol-d6	7.29	99	1427830	82.55	ng	0.00
23) Nitrobenzene-d5	9.32	82	1450298	80.02	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	417907	72.46	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2419834	81.28	ng	0.00
78) Terphenyl-d14	20.18	244	2889095	76.02	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	210492	43.56	ng	88
3) Pyridine	3.94	79	654544	38.70	ng	92
4) n-Nitrosodimethylamine	3.86	42	287520	37.63	ng	# 81
6) Aniline	7.45	93	924725	40.03	ng	98
8) 2-Chlorophenol	7.69	128	521760	41.51	ng	95
9) Benzaldehyde	7.26	77	491136	39.53	ng	94
10) Phenol	7.31	94	755419	41.39	ng	82
11) bis(2-Chloroethyl)ether	7.55	93	647316	41.73	ng	94
12) 1,3-Dichlorobenzene	8.02	146	586351	41.39	ng	92
13) 1,4-Dichlorobenzene	8.17	146	591802	40.95	ng	94
14) 1,2-Dichlorobenzene	8.50	146	550196	39.47	ng	95
15) Benzyl Alcohol	8.38	79	463185	39.79	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.66	45	1045265	42.34	ng	89
17) 2-Methylphenol	8.58	107	509951	40.88	ng	# 88
18) Hexachloroethane	9.23	117	239412	39.76	ng	93
19) n-Nitroso-di-n-propylamine	8.95	70	606501	38.98	ng	99
20) 3+4-Methylphenols	8.91	107	699365	41.23	ng	90
22) Acetophenone	8.97	105	938403	40.55	ng	# 92
24) Nitrobenzene	9.36	77	845129	40.16	ng	# 91
25) Isophorone	9.88	82	1491658	39.85	ng	# 94
26) 2-Nitrophenol	10.07	139	331669	41.72	ng	# 79
27) 2,4-Dimethylphenol	10.13	122	538631	40.20	ng	83
28) bis(2-Chloroethoxy)methane	10.37	93	851587	40.55	ng	97
29) 2,4-Dichlorophenol	10.62	162	520315	40.11	ng	97
30) 1,2,4-Trichlorobenzene	10.83	180	558055	38.93	ng	95
31) Naphthalene	11.03	128	1642297	39.88	ng	98
32) Benzoic acid	10.26	122	377328	36.85	ng	# 88
33) 4-Chloroaniline	11.13	127	756479	39.76	ng	94
34) Hexachlorobutadiene	11.30	225	346448	36.87	ng	89
35) Caprolactam	11.91	113	222142	40.27	ng	# 81
36) 4-Chloro-3-methylphenol	12.25	107	655688	38.47	ng	94
37) 2-Methylnaphthalene	12.63	142	1177790	38.57	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	717038	39.75	ng	98
40) Hexachlorocyclopentadiene	12.97	237	346280	40.51	ng	98

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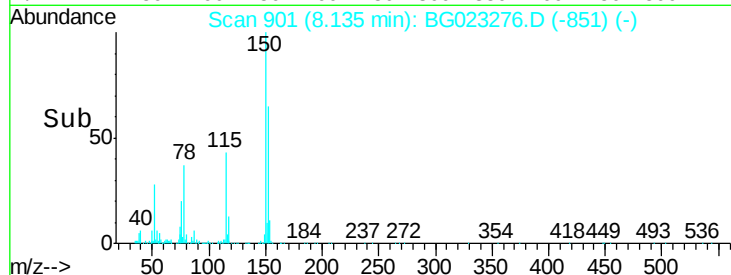
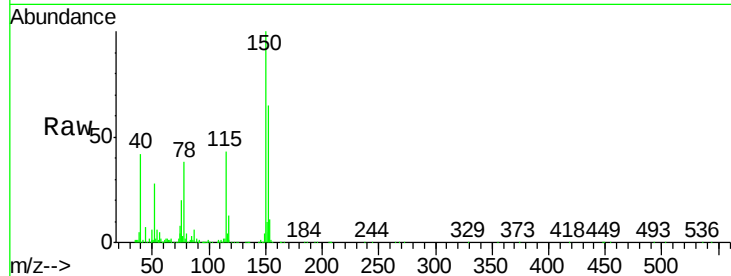
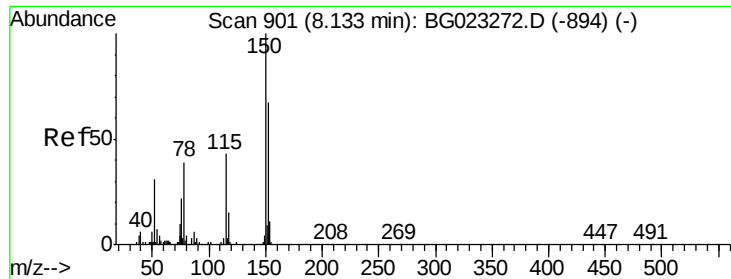
Manual Integrations

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.24	196	436990	41.24	nq	98
43) 2,4,5-Trichlorophenol	13.31	196	451984	40.21	nq	91
45) 1,1'-Biphenyl	13.63	154	1576587	40.57	nq	92
46) 2-Chloronaphthalene	13.68	162	1279494	41.09	nq	96
47) 2-Nitroaniline	13.89	65	562944	42.73	nq	92
48) Acenaphthylene	14.53	152	1973715	41.40	nq	95
49) Dimethylphthalate	14.25	163	1648594	40.09	nq	98
50) 2,6-Dinitrotoluene	14.38	165	394352	40.96	nq	87
51) Acenaphthene	14.87	154	1241521	40.14	nq	97
52) 3-Nitroaniline	14.72	138	424020	43.72	nq	# 83
53) 2,4-Dinitrophenol	14.92	184	227566	40.36	nq	# 87
54) Dibenzofuran	15.21	168	1753963	40.08	nq	98
55) 4-Nitrophenol	15.03	139	362442	43.08	nq	# 77
56) 2,4-Dinitrotoluene	15.17	165	567733	41.87	nq	94
57) Fluorene	15.86	166	1548609	40.08	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.44	232	357773	37.60	nq	# 83
59) Diethylphthalate	15.61	149	1699290	40.35	nq	97
60) 4-Chlorophenyl-phenylether	15.85	204	803227	38.40	nq	96
61) 4-Nitroaniline	15.88	138	465216	45.75	nq	# 63
62) Azobenzene	16.14	77	1793930	41.08	nq	93
64) 4,6-Dinitro-2-methylphenol	15.94	198	354615	43.21	nq	87
65) n-Nitrosodiphenylamine	16.07	169	1384358	40.59	nq	94
66) 4-Bromophenyl-phenylether	16.75	248	494299	38.26	nq	99
67) Hexachlorobenzene	16.87	284	479972	36.95	nq	# 90
68) Atrazine	17.01	200	546066	41.74	nq	93
69) Pentachlorophenol	17.22	266	315986	39.42	nq	100
70) Phenanthrene	17.62	178	2388653m	42.74	nq	
71) Anthracene	17.71	178	2433358	43.09	nq	94
72) Carbazole	17.98	167	2284148	44.17	nq	97
73) Di-n-butylphthalate	18.52	149	2692298	46.66	nq	97
74) Fluoranthene	19.63	202	2678624	42.00	nq	88
76) Benzidine	19.81	184	1584129	45.59	nq	95
77) Pyrene	19.99	202	2737152	39.04	nq	93
79) Butylbenzylphthalate	20.87	149	1379487	44.72	nq	98
80) Benzo(a)anthracene	21.88	228	2580545	39.90	nq	97
81) 3,3'-Dichlorobenzidine	21.78	252	1075076	40.99	nq	# 96
82) Chrysene	21.94	228	2495342	39.93	nq	93
83) Bis(2-ethylhexyl)phthalate	21.75	149	1876226	43.47	nq	# 95
84) Di-n-octyl phthalate	23.03	149	3065847	43.42	nq	# 94
85) Indeno(1,2,3-cd)pyrene	29.20	276	3015630	41.37	nq	# 100
87) Benzo(b)fluoranthene	24.22	252	2697368	41.45	nq	# 94
88) Benzo(k)fluoranthene	24.29	252	2577483	39.62	nq	# 94
89) Benzo(a)pyrene	25.14	252	2585945	40.55	nq	# 95
90) Dibenzo(a,h)anthracene	29.27	278	2457597	40.74	nq	# 87
91) Benzo(g,h,i)perylene	30.43	276	2487951	39.18	nq	# 86

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



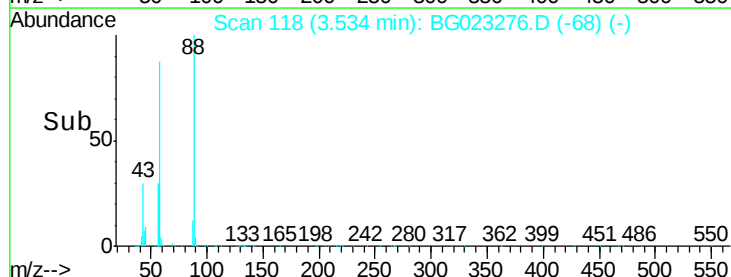
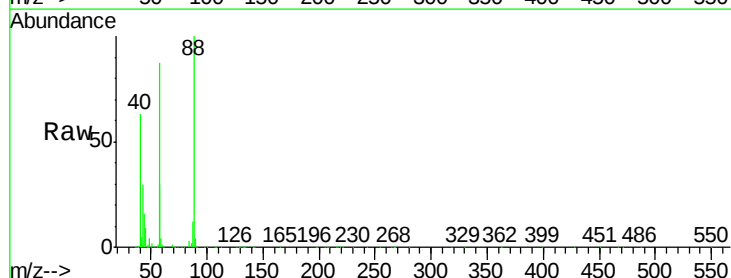
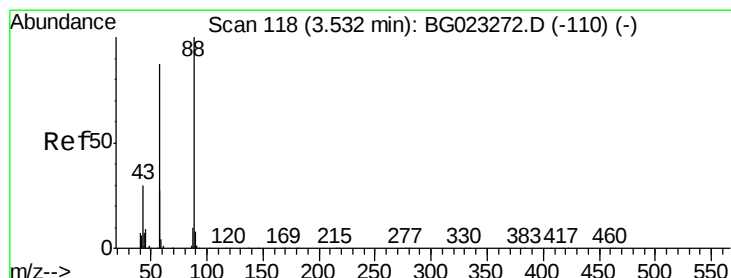
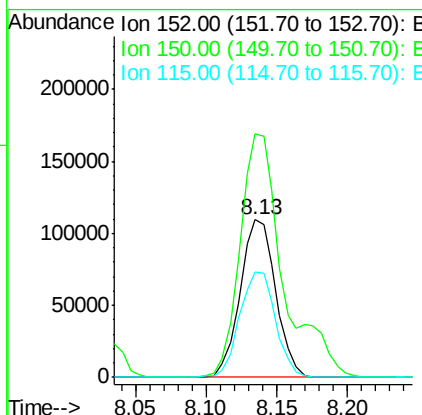
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1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.13 min Scan# 901
Delta R.T. -0.01 min
Lab File: BG023276.D
Acq: 26 Jul 2016 20:46

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	144.7	217.1
115	66.7	64.0	96.0

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BNA_G
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ICVBG072616

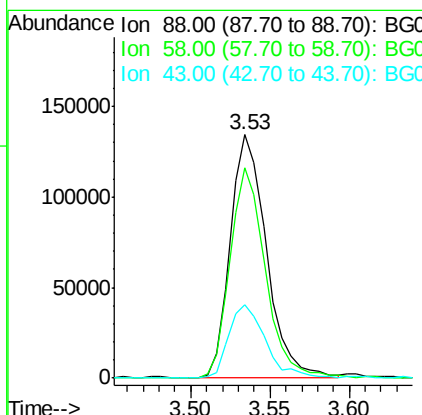
Manual Integrations

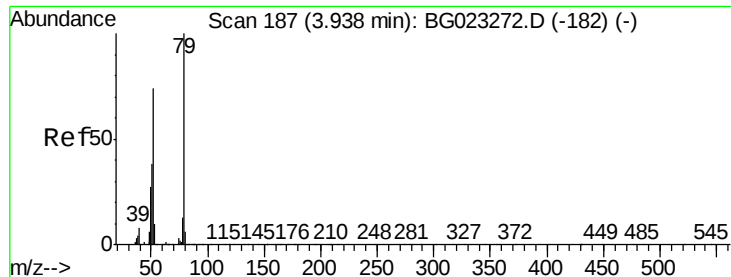
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#2
1,4-Dioxane
Concen: 43.56 ng
RT: 3.53 min Scan# 118
Delta R.T. -0.00 min
Lab File: BG023276.D
Acq: 26 Jul 2016 20:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.5	60.4	90.6
43	31.2	31.1	46.7





#3

Pvridine

Concen: 38.70 ng

RT: 3.94 min Scan# 187

Delta R.T. -0.02 min

Lab File: BG023276.D

Acq: 26 Jul 2016 20:46

Instrument :

BNA_G

ClientSampleId :

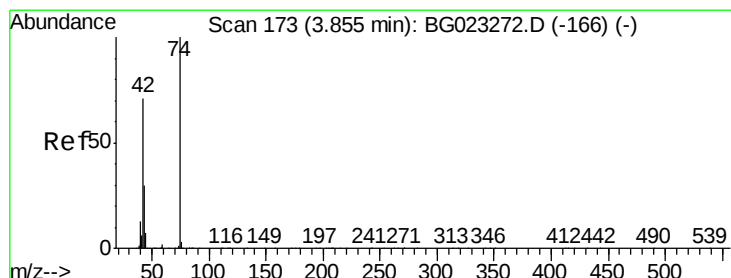
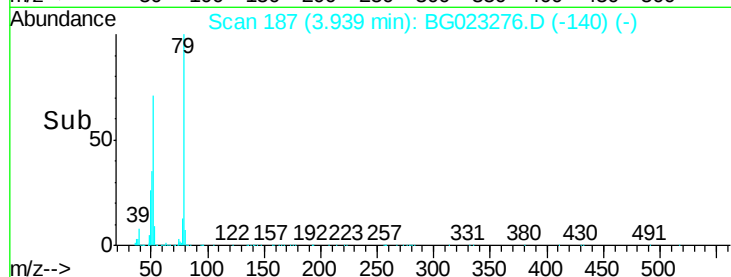
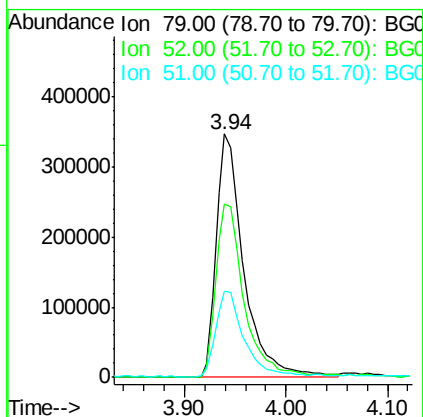
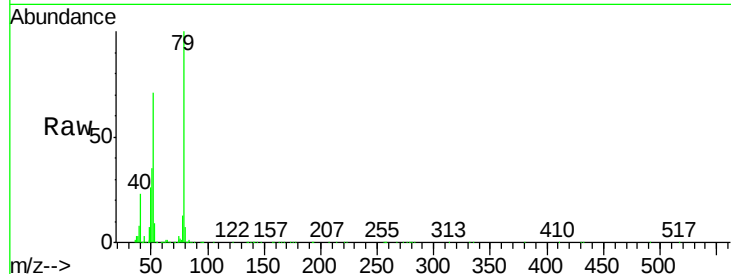
ICVBG072616

Tot Ion:	79	Resp:	654544
Ion	Ratio	Lower	Upper
79	100		
52	71.1	51.8	77.8
51	35.4	32.7	49.1

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 37.63 ng

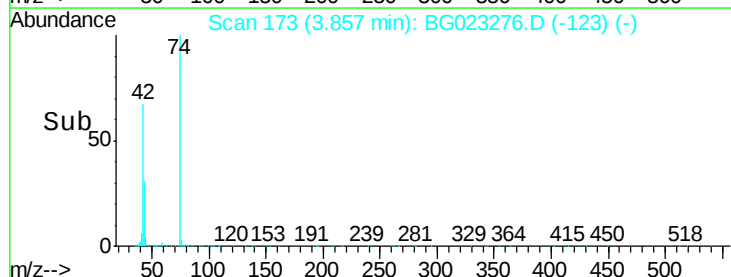
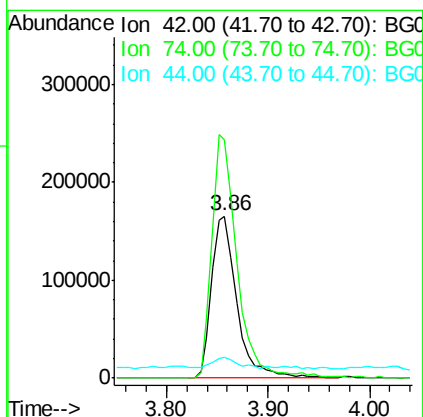
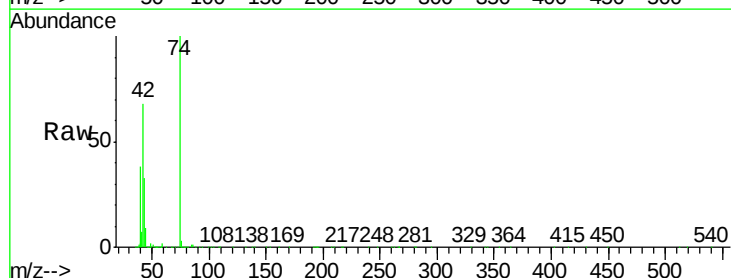
RT: 3.86 min Scan# 173

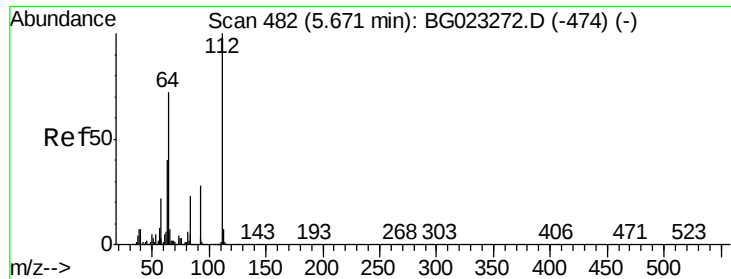
Delta R.T. -0.01 min

Lab File: BG023276.D

Acq: 26 Jul 2016 20:46

Tgt Ion:	42	Resp:	287520
Ion	Ratio	Lower	Upper
42	100		
74	147.0	100.6	150.8
44	12.7	4.5	6.7#





#5

2-Fluorophenol

Concen: 86.88 ng

RT: 5.67 min Scan# 482

Delta R.T. 0.00 min

Lab File: BG023276.D

Acq: 26 Jul 2016 20:46

Instrument :

BNA_G

ClientSampleId :

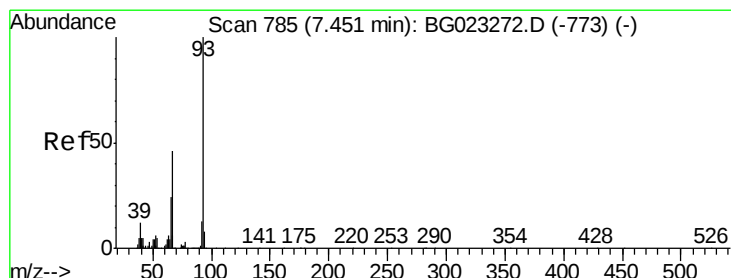
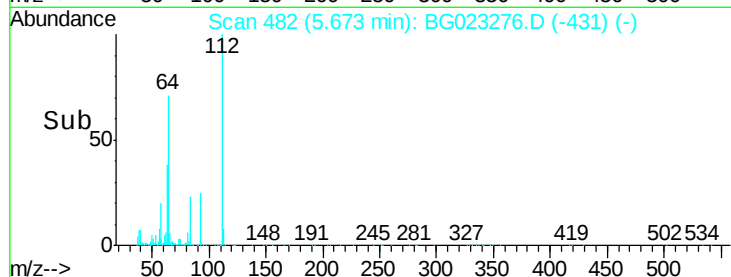
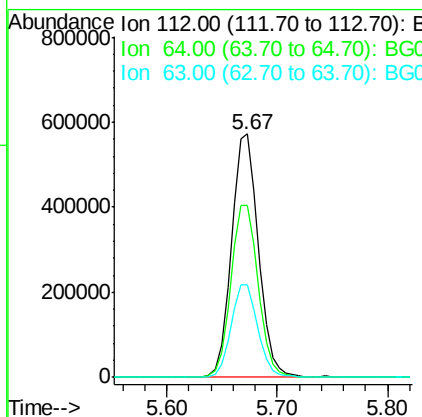
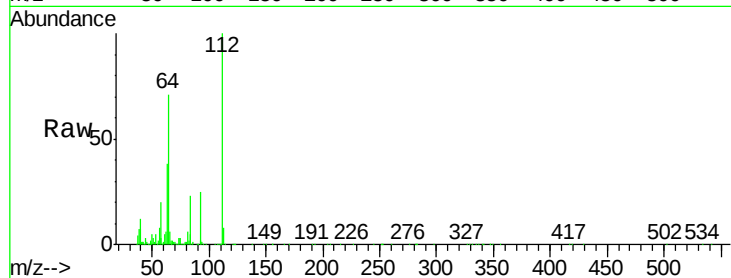
ICVBG072616

Tot Ion:	112	Resp:	978837
Ion Ratio	Lower	Upper	
112	100		
64	70.7	59.0	88.4
63	37.9	37.8	56.8

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#6

Aniline

Concen: 40.03 ng

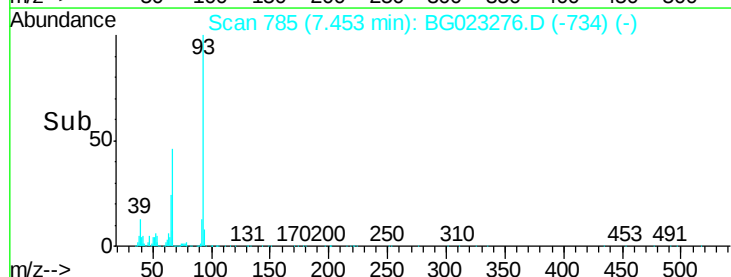
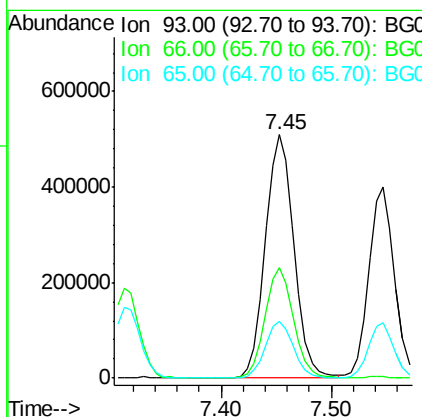
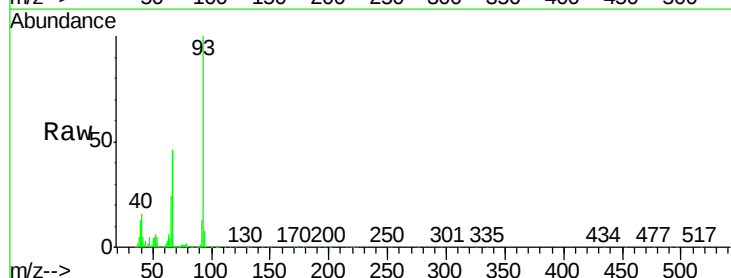
RT: 7.45 min Scan# 785

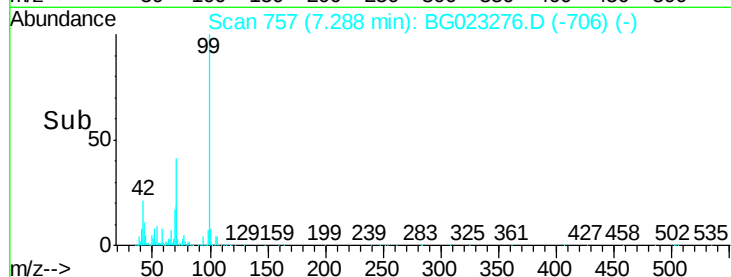
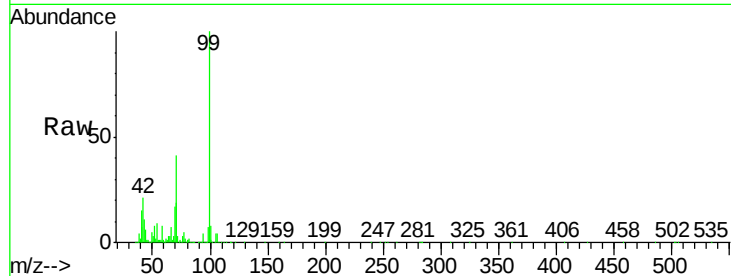
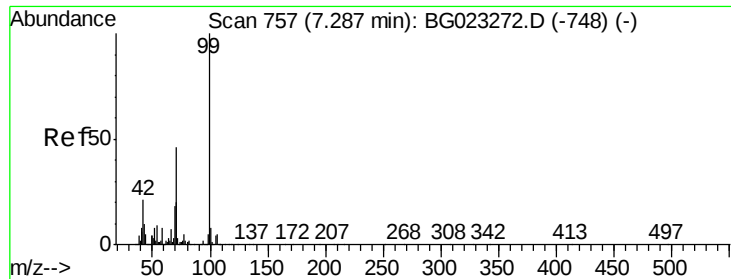
Delta R.T. 0.00 min

Lab File: BG023276.D

Acq: 26 Jul 2016 20:46

Tgt Ion:	93	Resp:	924725
Ion Ratio	Lower	Upper	
93	100		
66	45.5	37.5	56.3
65	23.5	17.9	26.9





#7

Phenol-d6

Concen: 82.55 ng

RT: 7.29 min Scan# 757

Delta R.T. 0.00 min

Lab File: BG023276.D

Acq: 26 Jul 2016 20:46

Tot Ion: 99 Resp: 1427830

Ion Ratio Lower Upper

99 100

42 20.7 17.8 26.6

71 40.8 41.5 62.3#

Instrument :

BNA_G

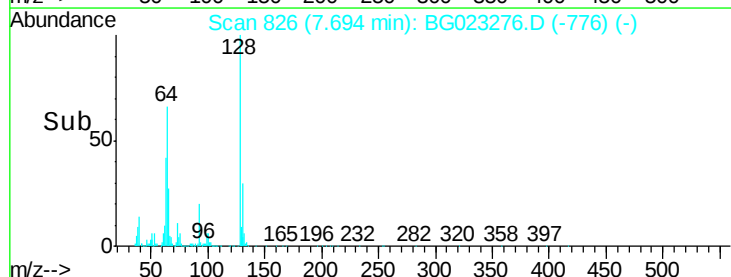
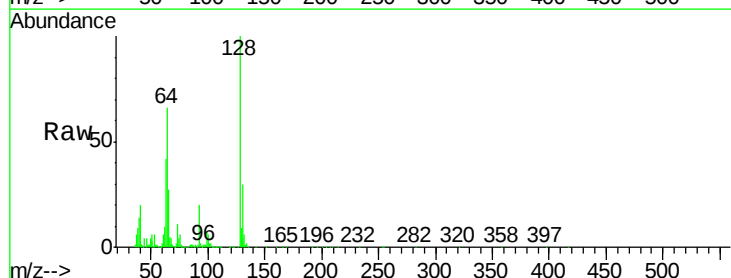
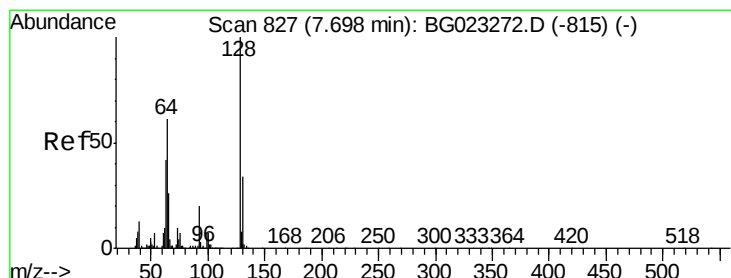
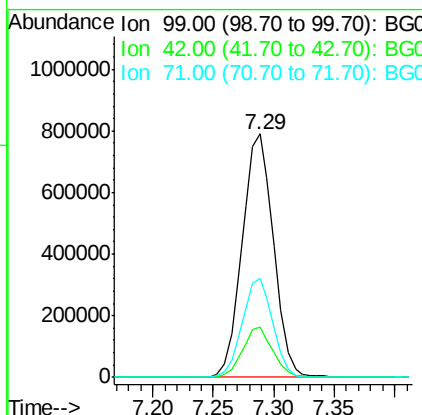
ClientSampleId :

ICVBG072616

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#8

2-Chlorophenol

Concen: 41.51 ng

RT: 7.69 min Scan# 826

Delta R.T. -0.01 min

Lab File: BG023276.D

Acq: 26 Jul 2016 20:46

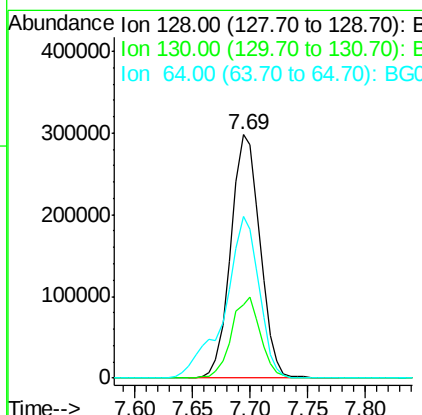
Tgt Ion:128 Resp: 521760

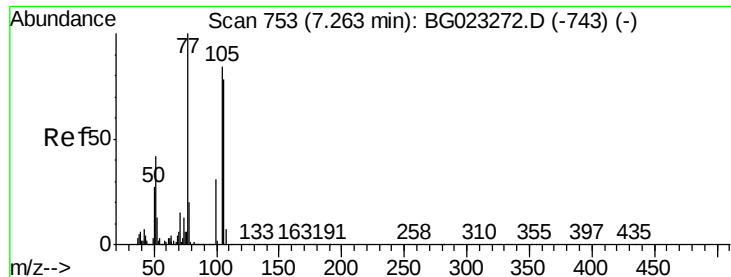
Ion Ratio Lower Upper

128 100

130 30.1 12.9 52.9

64 66.3 42.0 82.0





#9

Benzaldehyde

Concen: 39.53 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG023276.D

Acq: 26 Jul 2016 20:46

Instrument :

BNA_G

ClientSampleId :

ICVBG072616

Tot Ion: 77 Resp: 491136

Ion Ratio Lower Upper

77 100

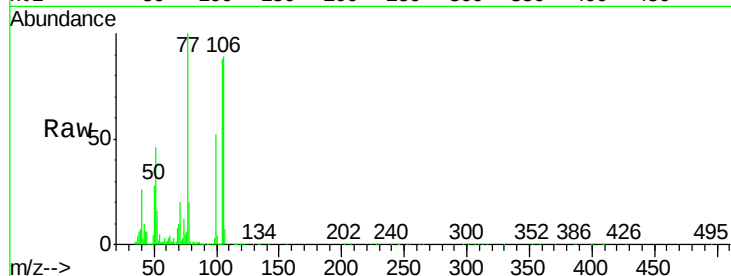
105 88.1 58.7 98.7

106 89.4 67.5 107.5

Manual Integrations

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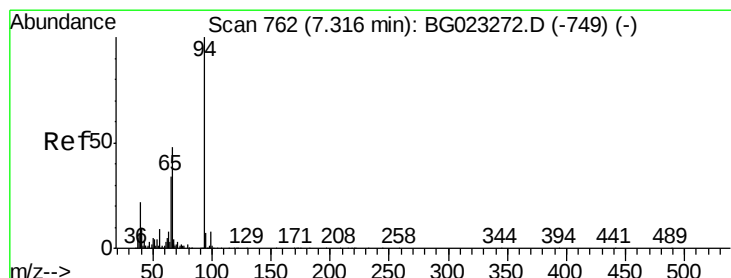
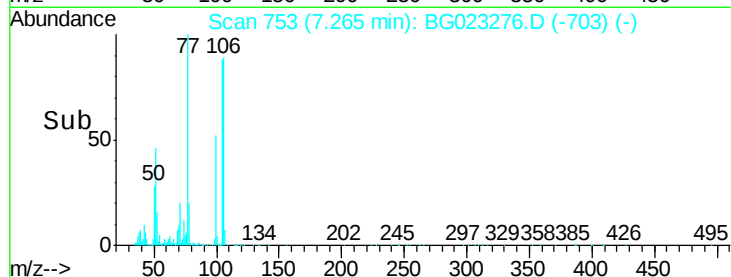
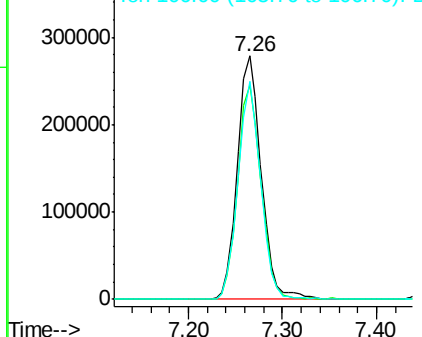
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Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 41.39 ng

RT: 7.31 min Scan# 761

Delta R.T. -0.01 min

Lab File: BG023276.D

Acq: 26 Jul 2016 20:46

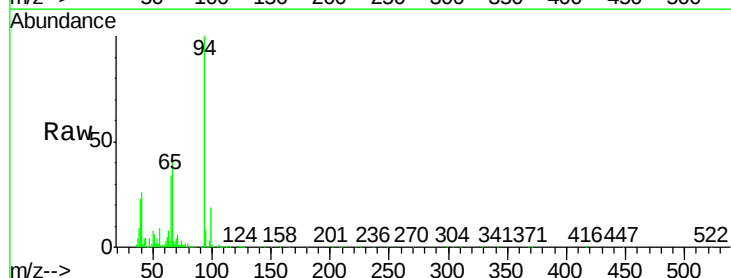
Tgt Ion: 94 Resp: 755419

Ion Ratio Lower Upper

94 100

65 33.9 18.1 58.1

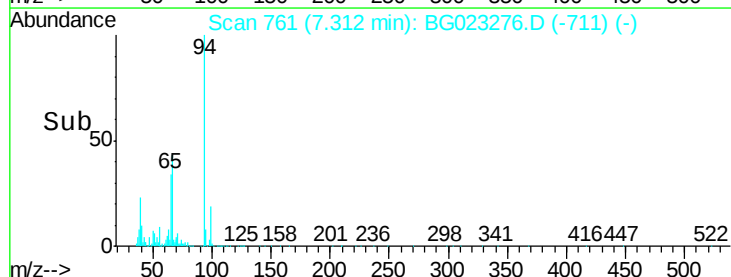
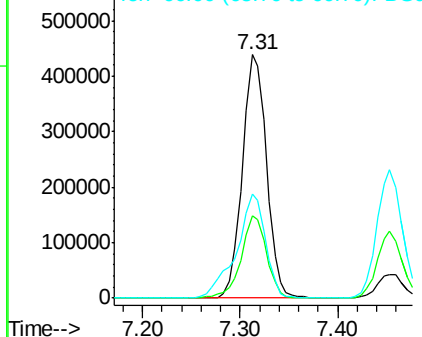
66 43.0 42.1 82.1

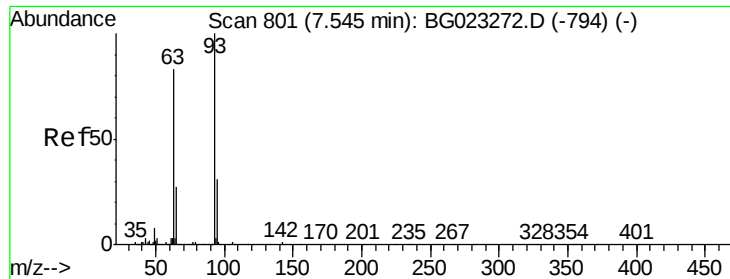


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





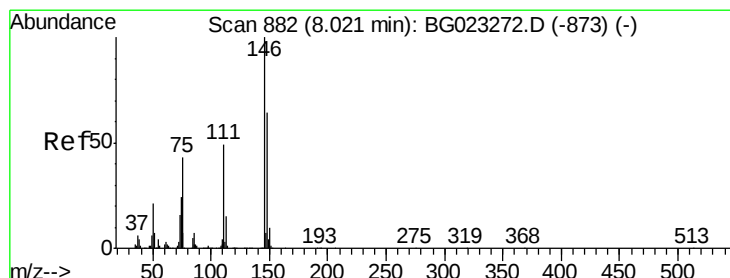
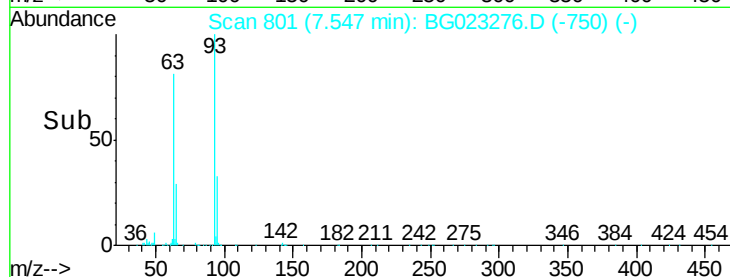
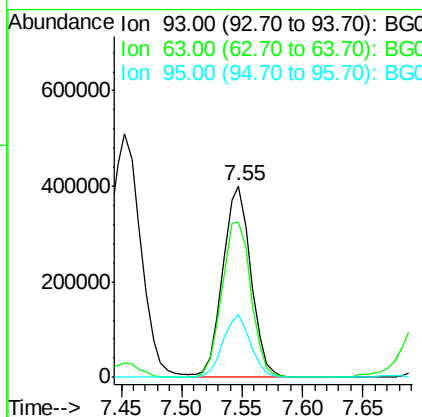
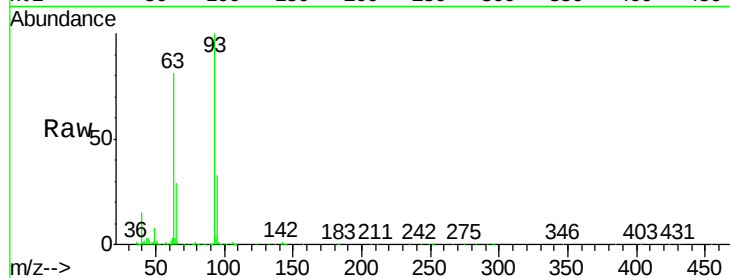
#11
bis(2-Chloroethyl)ether
Concen: 41.73 ng
RT: 7.55 min Scan# 801
Delta R.T. 0.00 min
Lab File: BG023276.D
Acq: 26 Jul 2016 20:46

Instrument :
BNA_G
ClientSampleId :
ICVBG072616

Tot Ion	Ratio	Lower	Upper
93	100		
63	81.4	55.0	95.0
95	33.1	11.0	51.0

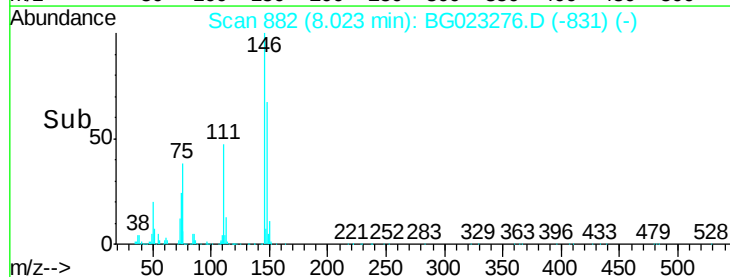
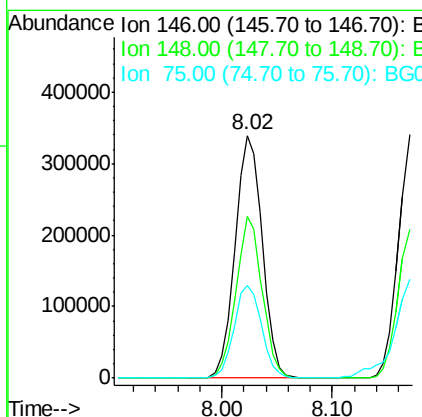
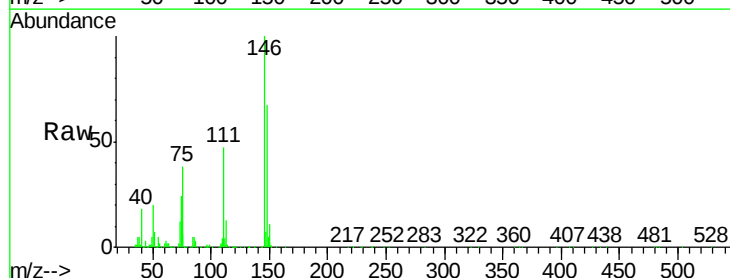
Manual Integrations

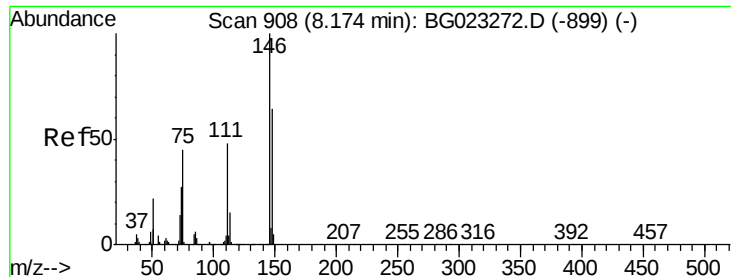
umangi
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#12
1,3-Dichlorobenzene
Concen: 41.39 ng
RT: 8.02 min Scan# 882
Delta R.T. 0.00 min
Lab File: BG023276.D
Acq: 26 Jul 2016 20:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.5	50.3	75.5
75	38.1	37.0	55.6





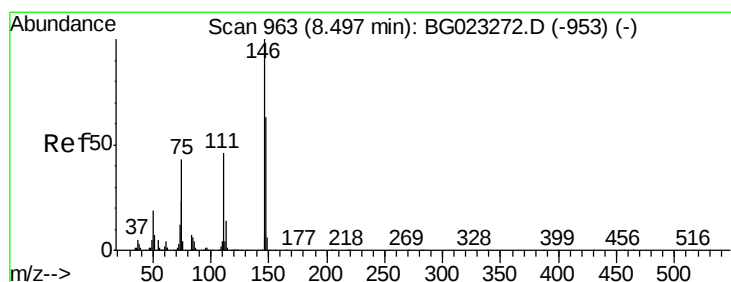
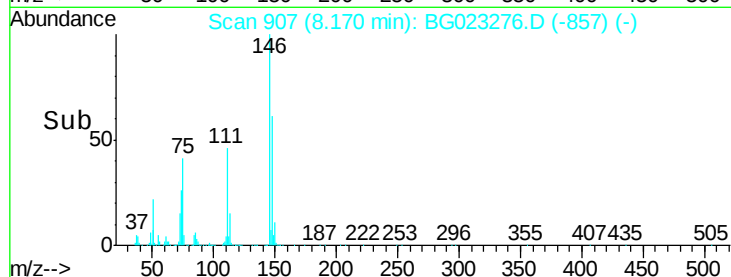
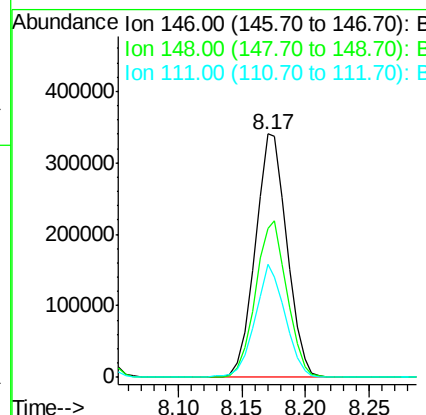
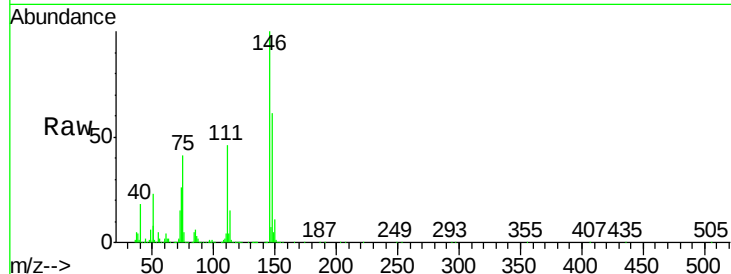
#13
 1,4-Dichlorobenzene
 Concen: 40.95 ng
 RT: 8.17 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BG023276.D
 Acq: 26 Jul 2016 20:46

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG072616

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.4	54.5	81.7
111	46.2	37.8	56.8

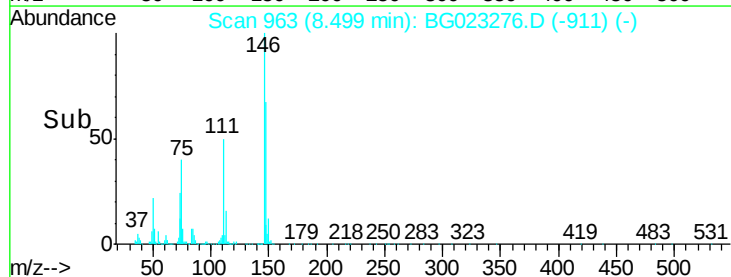
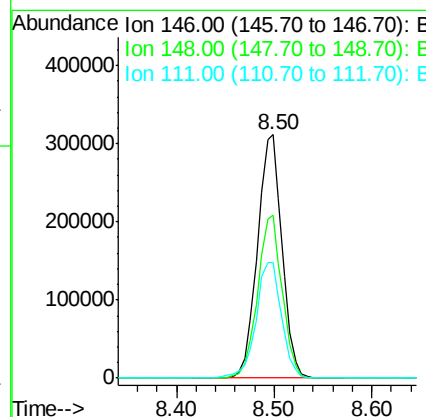
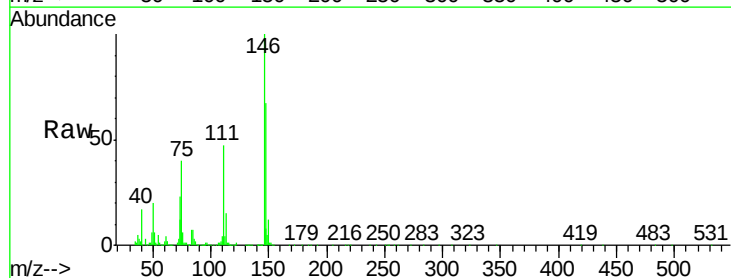
Manual Integrations

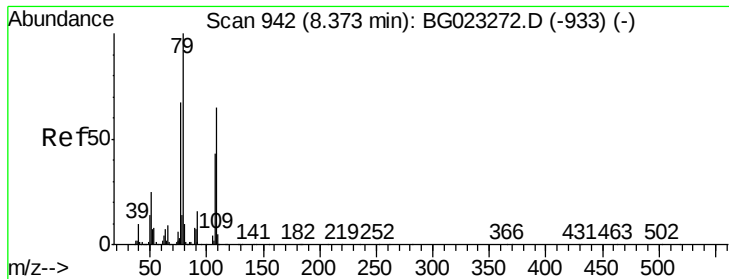
umangi
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#14
 1,2-Dichlorobenzene
 Concen: 39.47 ng
 RT: 8.50 min Scan# 963
 Delta R.T. 0.01 min
 Lab File: BG023276.D
 Acq: 26 Jul 2016 20:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.8	52.9	79.3
111	47.3	43.5	65.3





#15

Benzyl Alcohol

Concen: 39.79 ng

RT: 8.38 min Scan# 942

Delta R.T. -0.01 min

Lab File: BG023276.D

Acq: 26 Jul 2016 20:46

Instrument :

BNA_G

ClientSampleId :

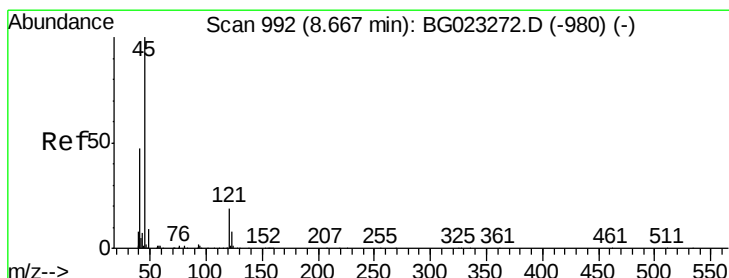
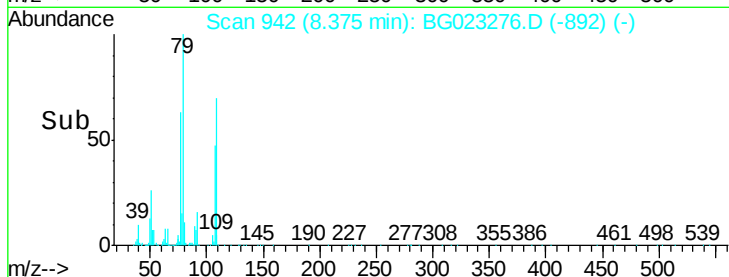
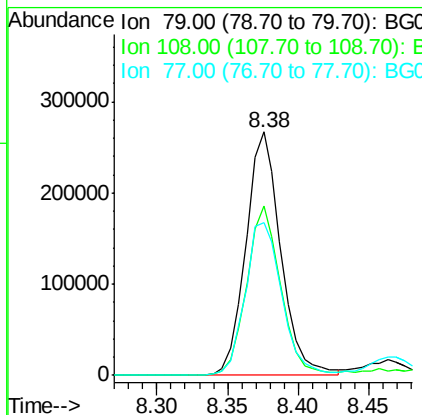
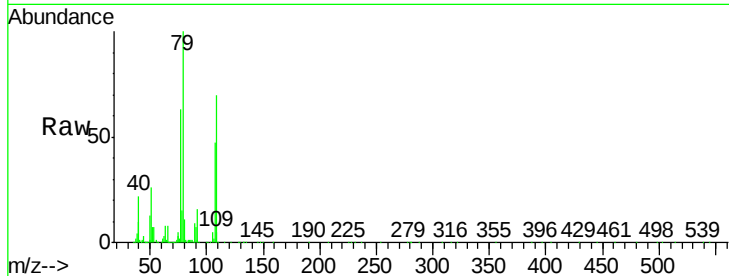
ICVBG072616

Tot Ion:	79	Resp:	463185
Ion Ratio	Lower	Upper	
79	100		
108	69.6	46.5	69.7
77	62.6	52.3	78.5

Manual Integrations

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#16

2,2'-oxybis(1-chloropropane)

Concen: 42.34 ng

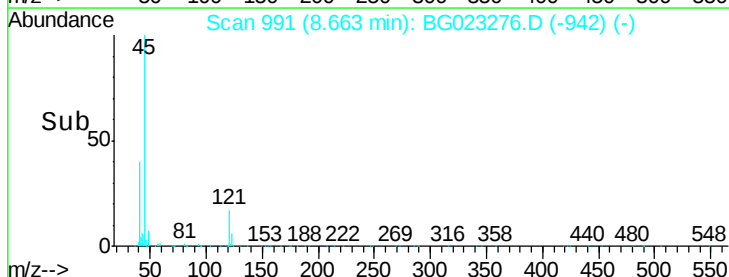
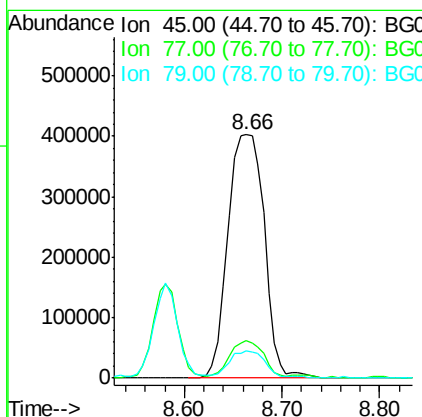
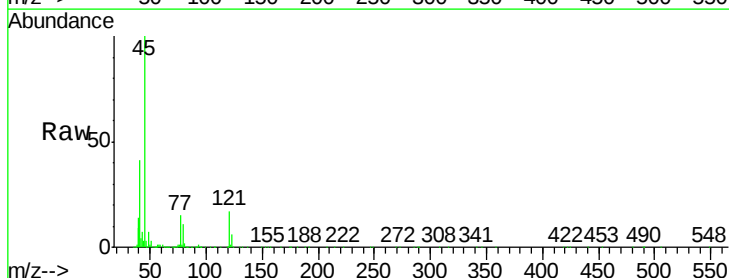
RT: 8.66 min Scan# 991

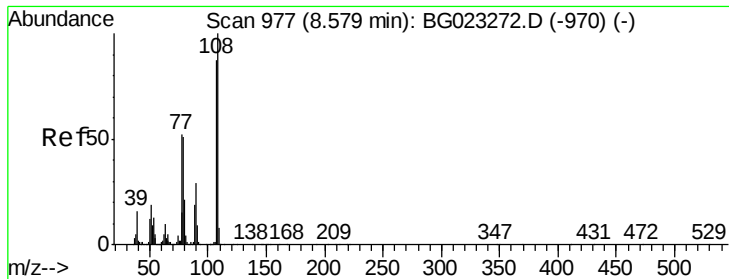
Delta R.T. -0.01 min

Lab File: BG023276.D

Acq: 26 Jul 2016 20:46

Tgt Ion:	45	Resp:	1045265
Ion Ratio	Lower	Upper	
45	100		
77	15.4	0.6	40.6
79	11.3	0.0	36.2





#17

2-Methylphenol

Concen: 40.88 ng

RT: 8.58 min Scan# 977

Delta R.T. -0.01 min

Lab File: BG023276.D

Acq: 26 Jul 2016 20:46

Instrument :

BNA_G

ClientSampleId :

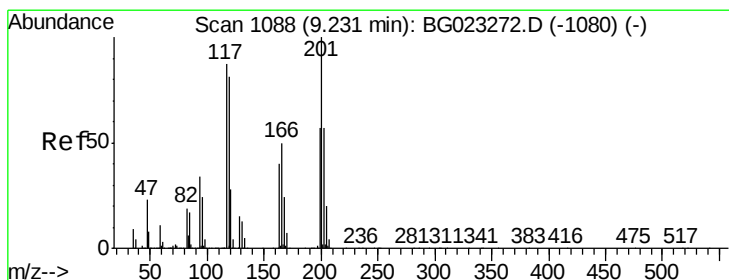
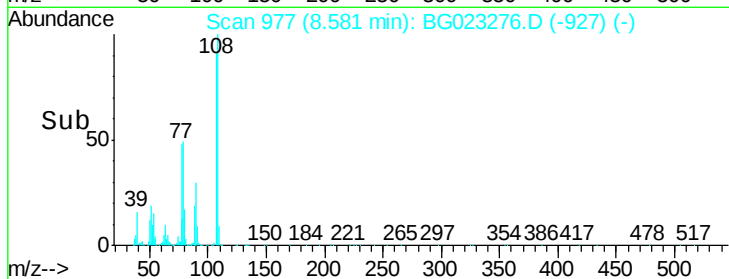
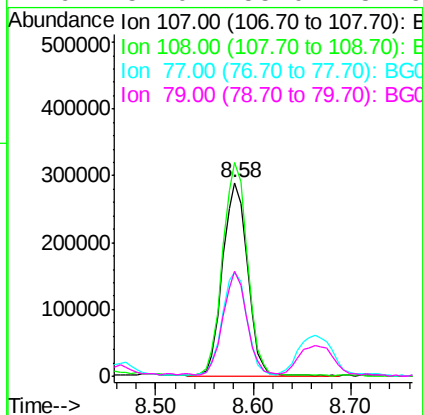
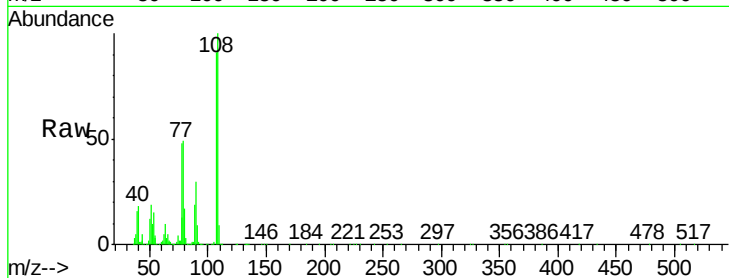
ICVBG072616

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	110.2	92.0	138.0		
77	53.3	55.8	83.6#		
79	54.0	55.0	82.6#		

Manual Integrations

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#18

Hexachloroethane

Concen: 39.76 ng

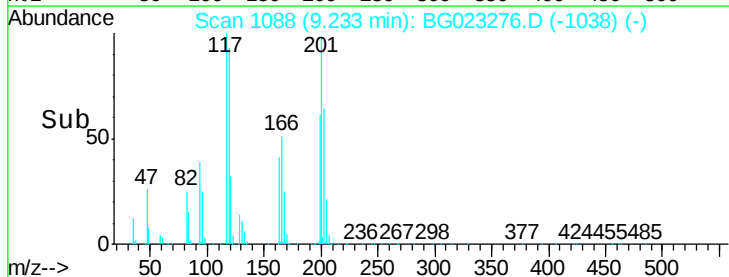
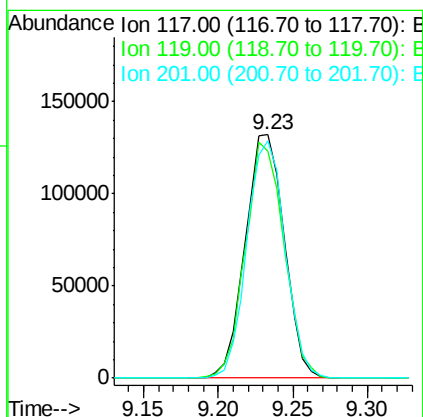
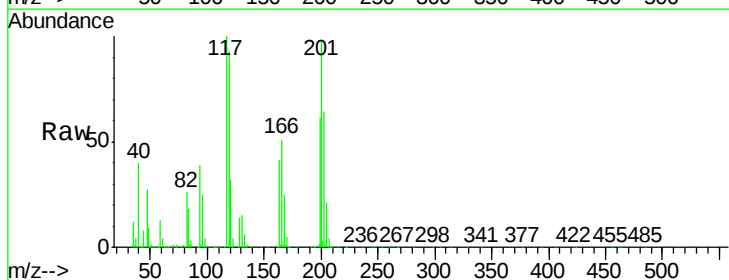
RT: 9.23 min Scan# 1088

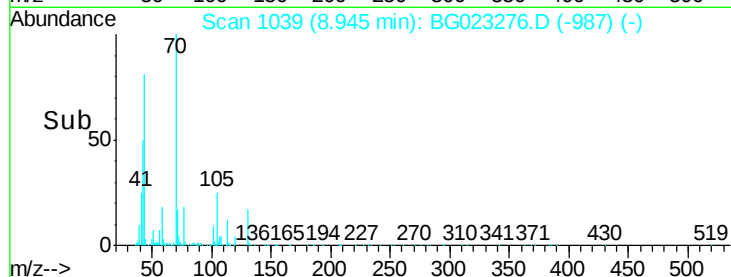
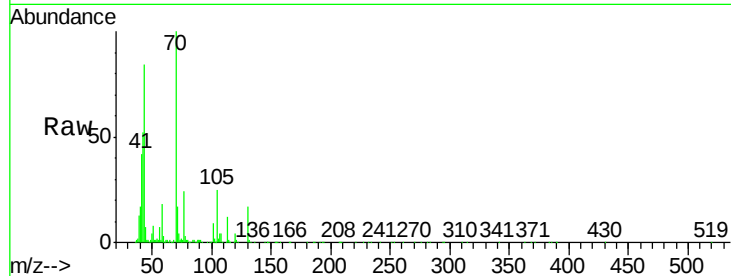
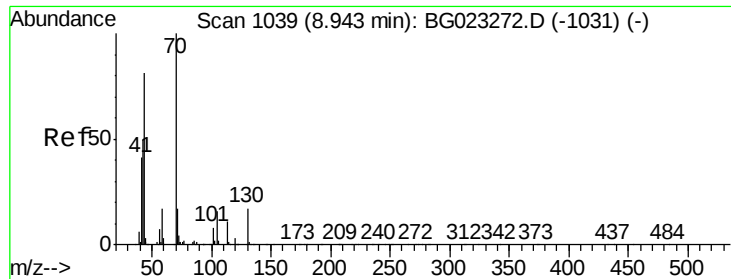
Delta R.T. -0.01 min

Lab File: BG023276.D

Acq: 26 Jul 2016 20:46

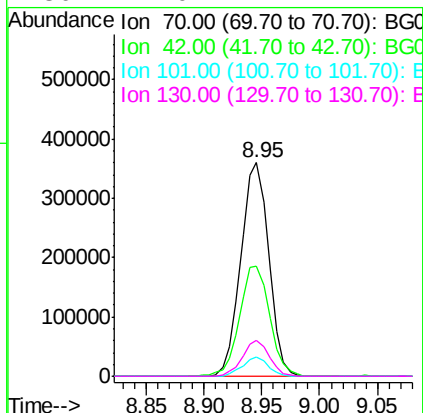
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100				
119	93.1	73.7	110.5		
201	97.7	88.7	133.1		





#19
n-Nitroso-di-n-propylamine
Concen: 38.98 ng
RT: 8.95 min Scan# 1039
Delta R.T. 0.01 min
Lab File: BG023276.D
Acq: 26 Jul 2016 20:46

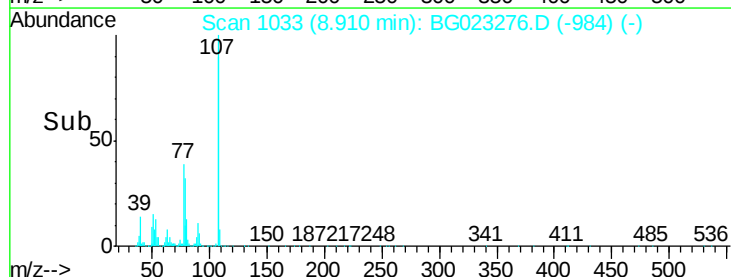
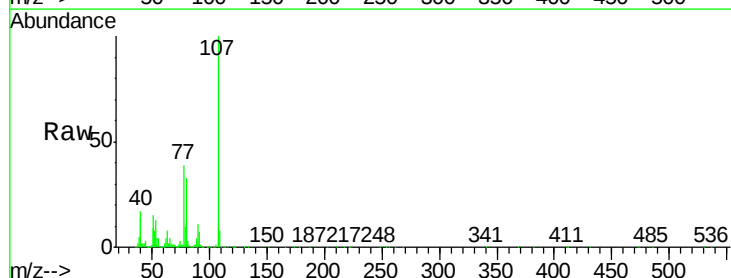
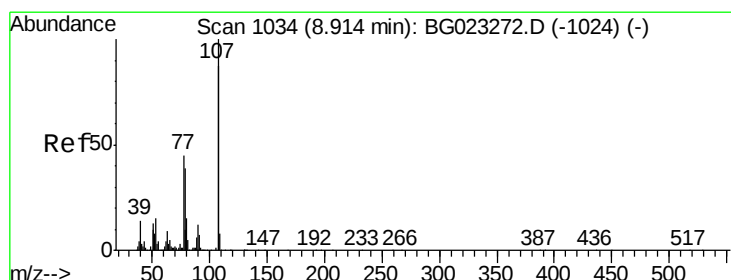
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	51.8	42.1	63.1	
101	8.7	7.2	10.8	
130	17.0	14.2	21.2	



Instrument :
BNA_G
ClientSampleId :
ICVBG072616

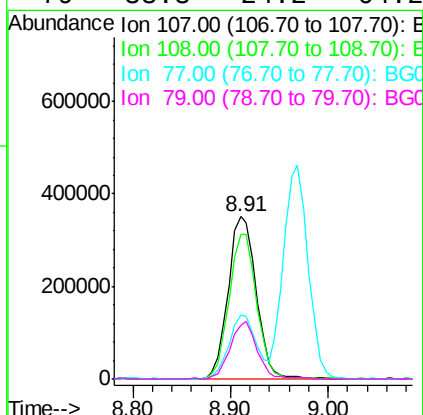
Manual Integrations

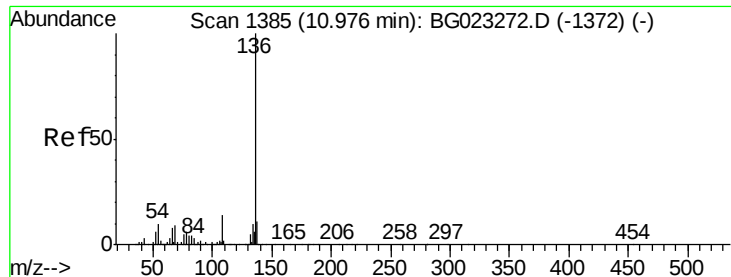
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#20
3+4-Methylphenols
Concen: 41.23 ng
RT: 8.91 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BG023276.D
Acq: 26 Jul 2016 20:46

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.4	72.5	112.5	
77	39.4	30.1	70.1	
79	33.3	24.2	64.2	





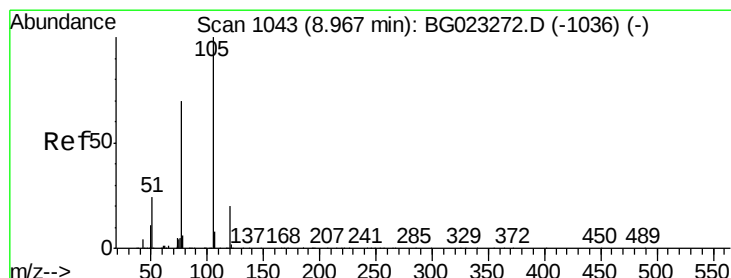
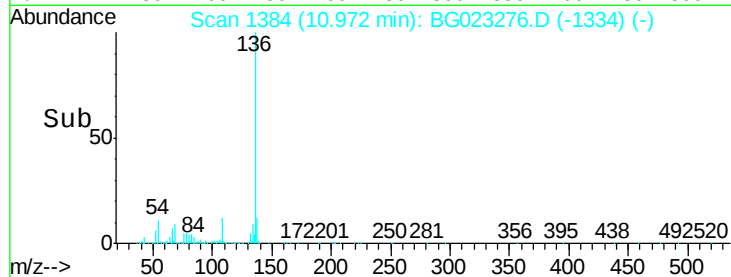
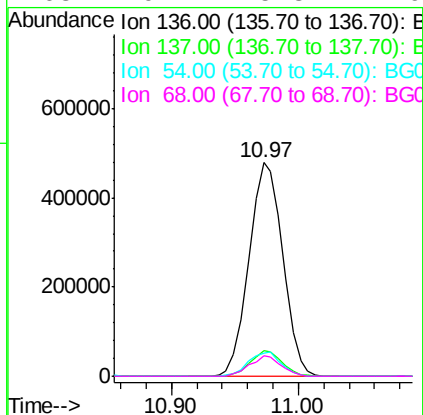
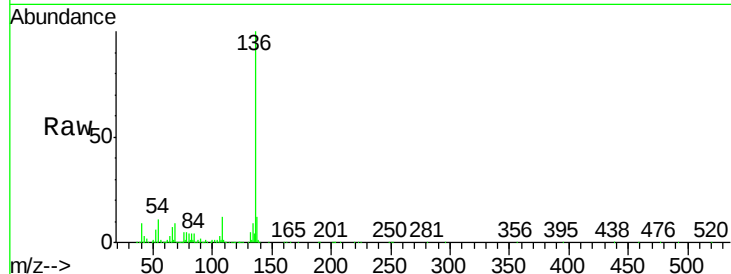
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.97 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BG023276.D
Acq: 26 Jul 2016 20:46

Instrument :
BNA_G
ClientSampleId :
ICVBG072616

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		886274		
137	11.8	9.6	14.4		
54	11.1	7.3	10.9		
68	9.4	5.3	7.9		

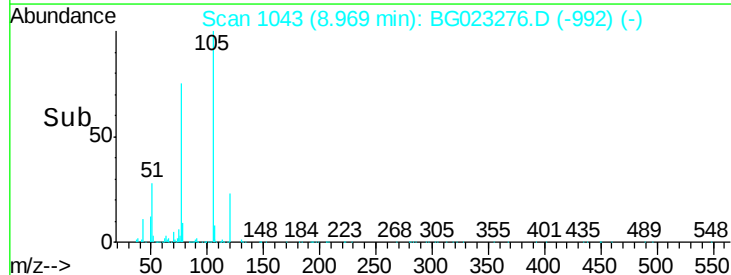
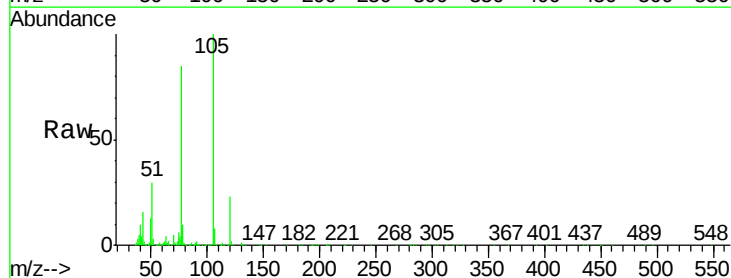
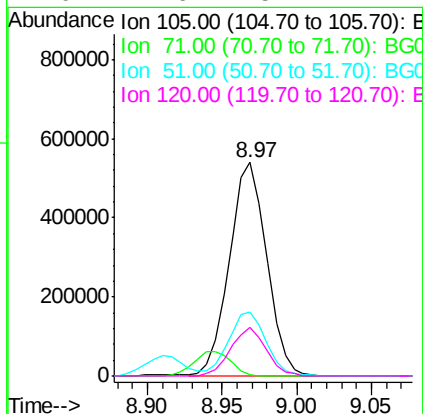
Manual Integrations

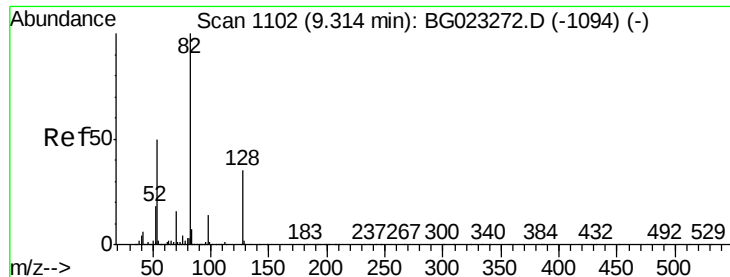
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#22
Acetophenone
Concen: 40.55 ng
RT: 8.97 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BG023276.D
Acq: 26 Jul 2016 20:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		938403		
71	0.7	2.6	3.8		
51	29.7	27.1	40.7		
120	22.6	15.1	22.7		





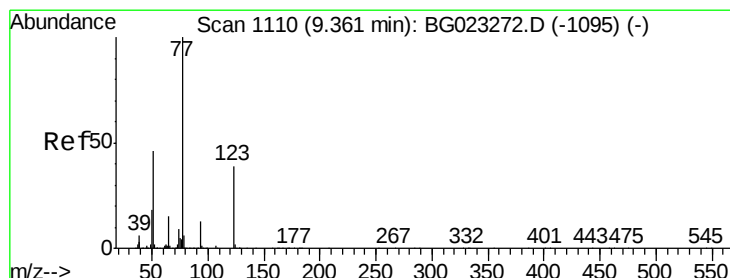
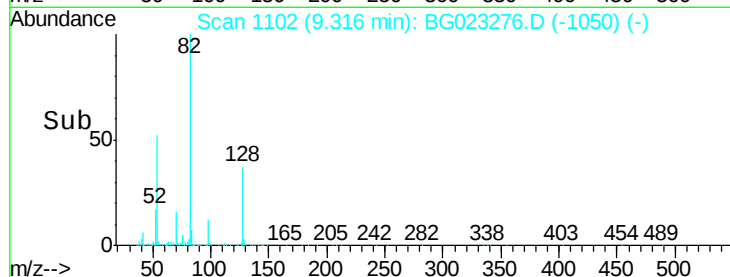
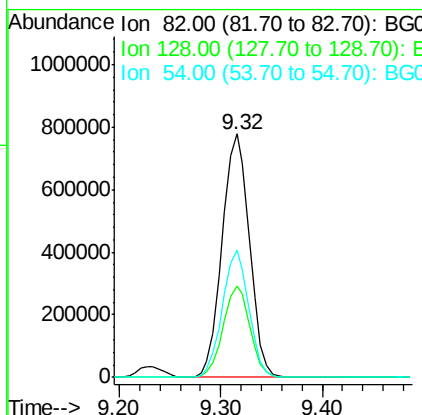
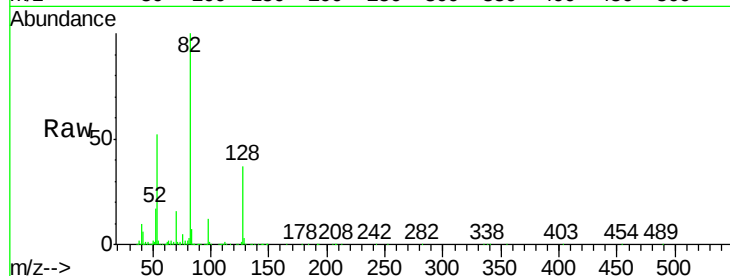
#23
 Nitrobenzene-d5
 Concen: 80.02 ng
 RT: 9.32 min Scan# 1102
 Delta R.T. 0.01 min
 Lab File: BG023276.D
 Acq: 26 Jul 2016 20:46

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG072616

Tot Ion: 82 Resp: 1450298
 Ion Ratio Lower Upper
 82 100
 128 37.4 24.4 36.6#
 54 52.0 41.4 62.0

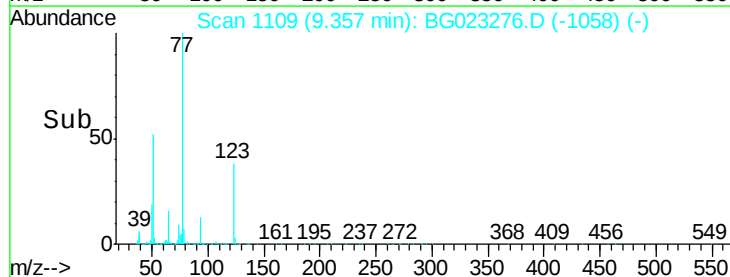
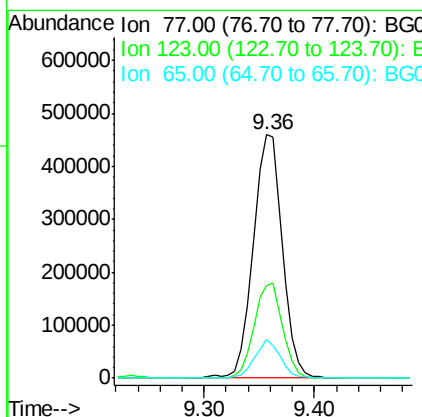
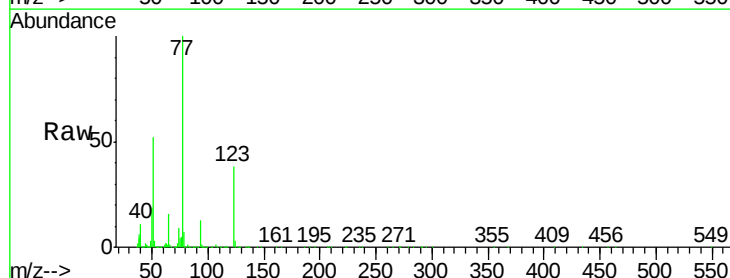
Manual Integrations

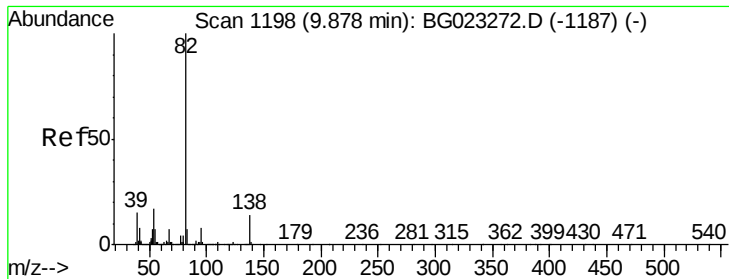
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#24
 Nitrobenzene
 Concen: 40.16 ng
 RT: 9.36 min Scan# 1109
 Delta R.T. 0.00 min
 Lab File: BG023276.D
 Acq: 26 Jul 2016 20:46

Tgt Ion: 77 Resp: 845129
 Ion Ratio Lower Upper
 77 100
 123 38.1 25.0 37.6#
 65 16.0 13.4 20.0





#25

Isophorone

Concen: 39.85 ng

RT: 9.88 min Scan# 1198

Delta R.T. 0.00 min

Lab File: BG023276.D

Acq: 26 Jul 2016 20:46

Instrument :

BNA_G

ClientSampleId :

ICVBG072616

Tot Ion: 82 Resp: 1491658

Ion Ratio Lower Upper

82 100

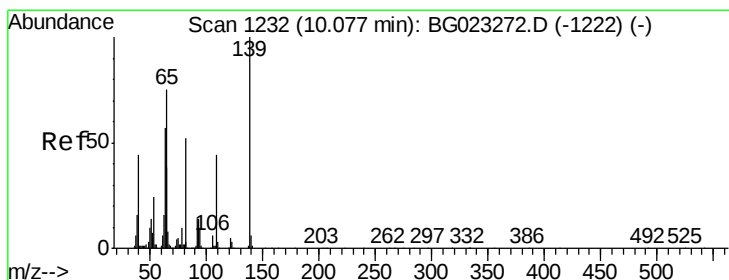
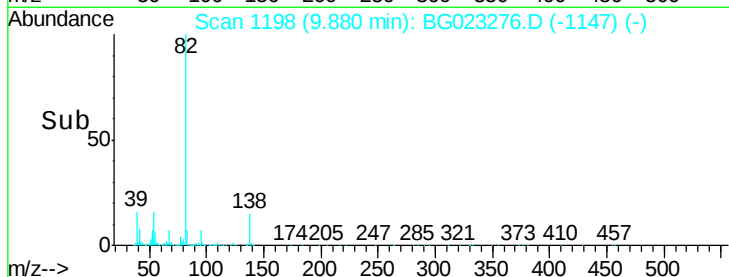
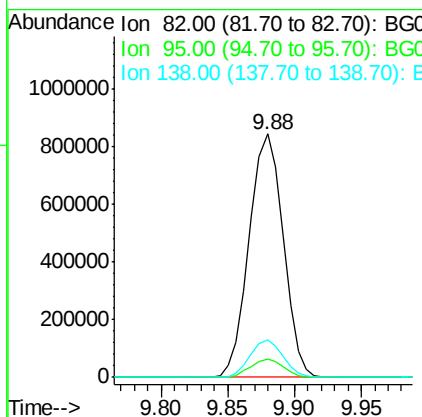
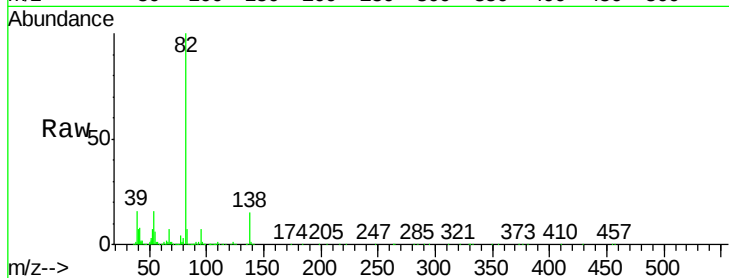
95 7.3 8.2 12.2#

138 15.2 10.7 16.1

Manual Integrations

umangi

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#26

2-Nitrophenol

Concen: 41.72 ng

RT: 10.07 min Scan# 1231

Delta R.T. -0.01 min

Lab File: BG023276.D

Acq: 26 Jul 2016 20:46

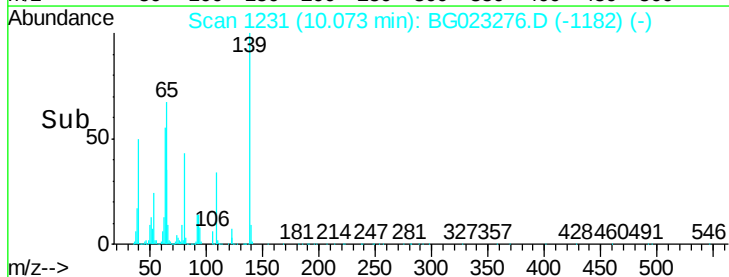
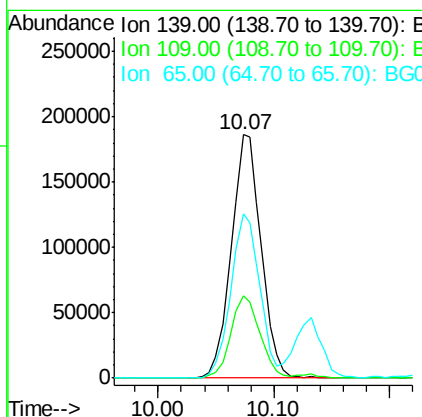
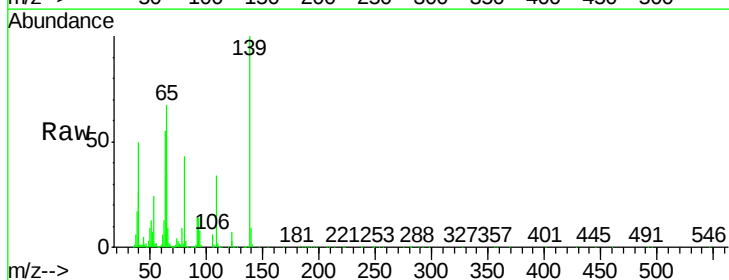
Tgt Ion: 139 Resp: 331669

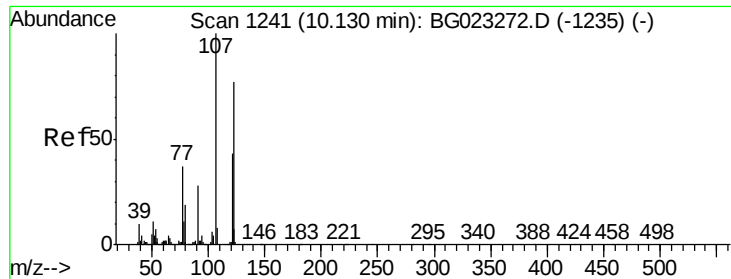
Ion Ratio Lower Upper

139 100

109 33.6 43.5 65.3#

65 67.3 64.3 96.5





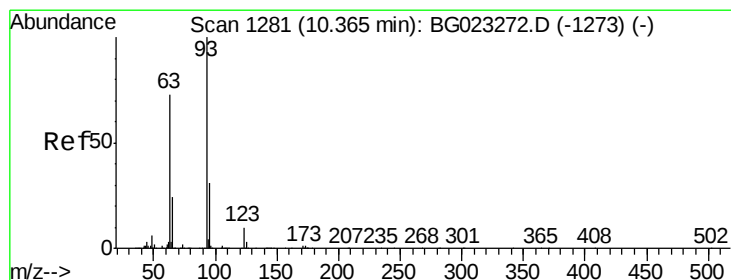
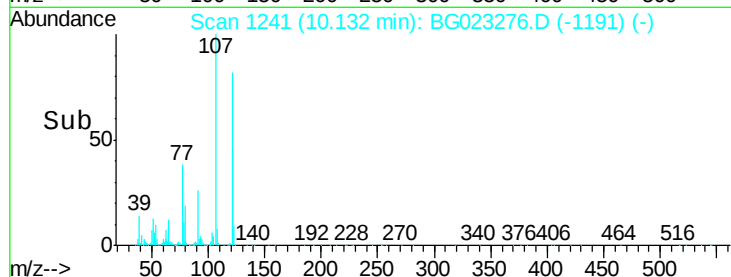
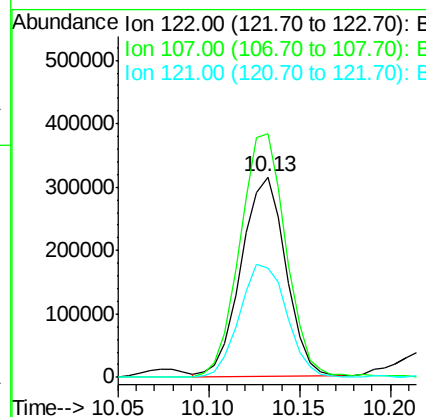
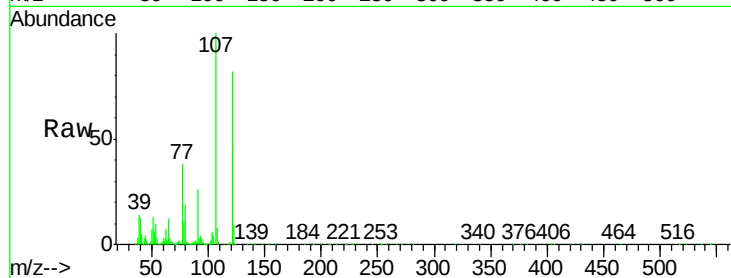
#27
2,4-Dimethylphenol
Concen: 40.20 ng
RT: 10.13 min Scan# 1241
Delta R.T. -0.01 min
Lab File: BG023276.D
Acq: 26 Jul 2016 20:46

Instrument :
BNA_G
ClientSampleId :
ICVBG072616

Tot Ion	Ratio	Lower	Upper
122	100		
107	121.3	117.0	175.4
121	54.3	50.1	75.1

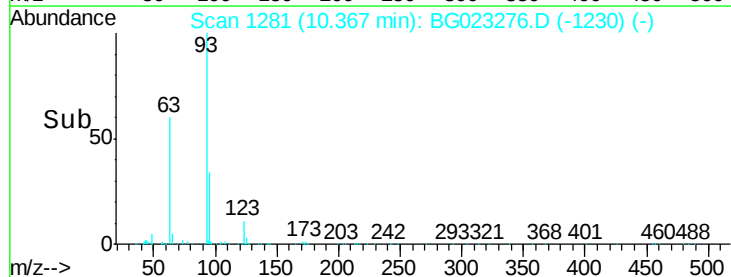
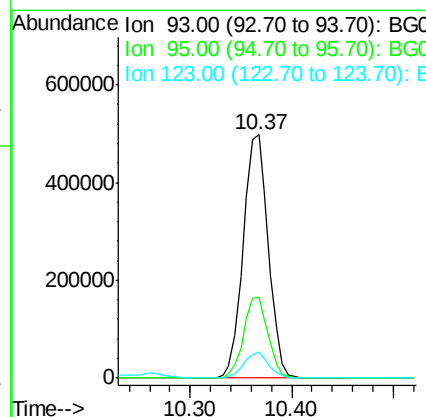
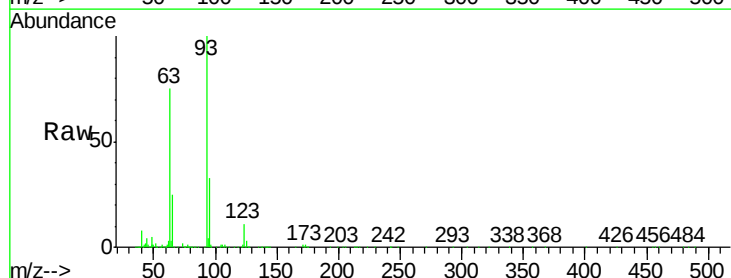
Manual Integrations

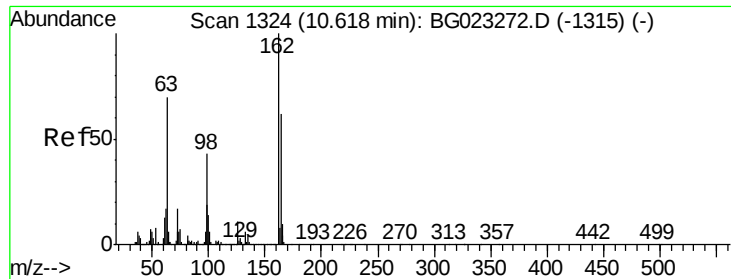
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#28
bis(2-Chloroethoxy)methane
Concen: 40.55 ng
RT: 10.37 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BG023276.D
Acq: 26 Jul 2016 20:46

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	25.4	38.2
123	10.7	8.2	12.2





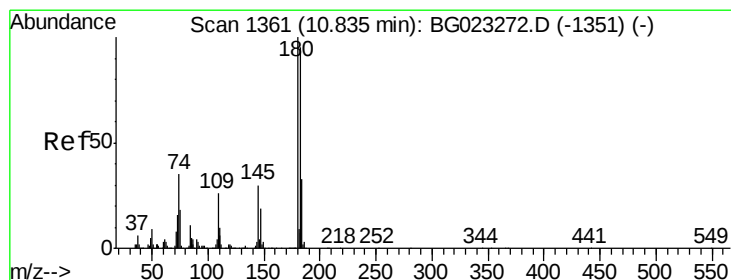
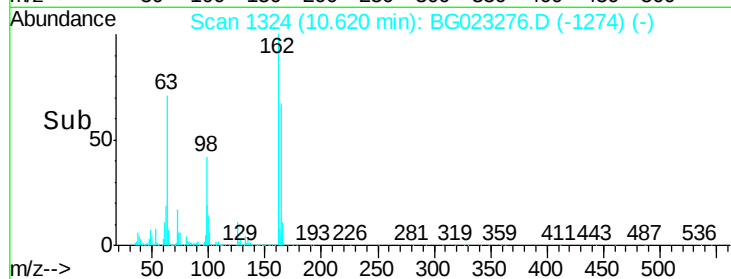
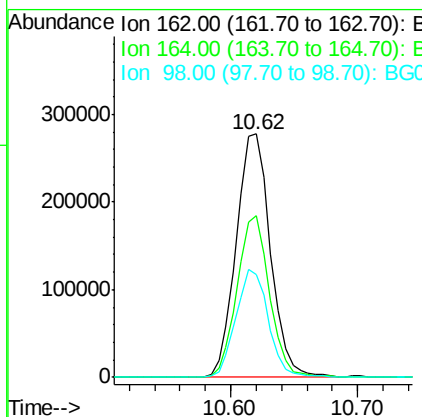
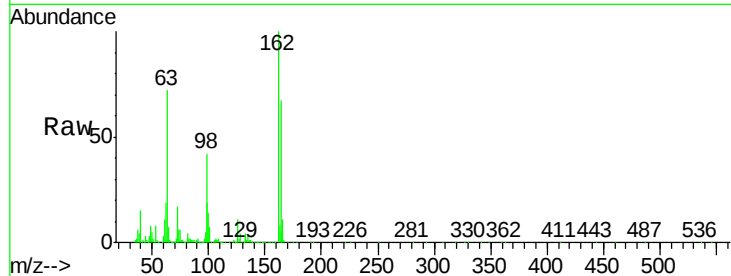
#29
2,4-Dichlorophenol
Concen: 40.11 ng
RT: 10.62 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG023276.D
Acq: 26 Jul 2016 20:46

Instrument :
BNA_G
ClientSampleId :
ICVBG072616

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.5	44.3	84.3
98	42.1	19.5	59.5

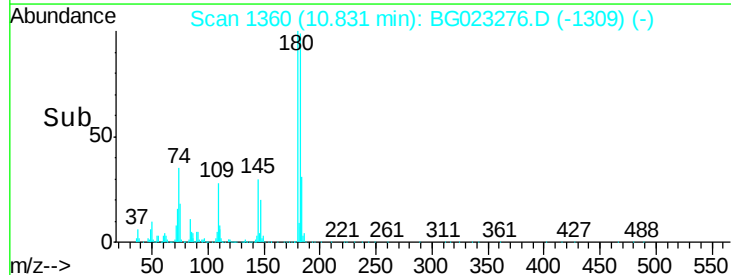
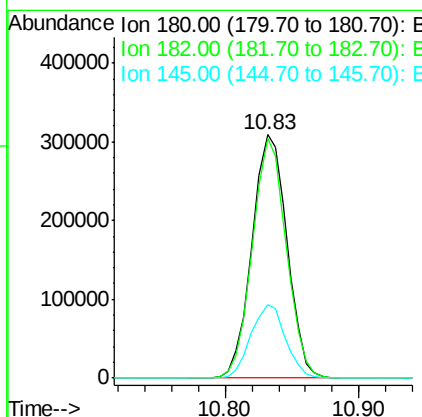
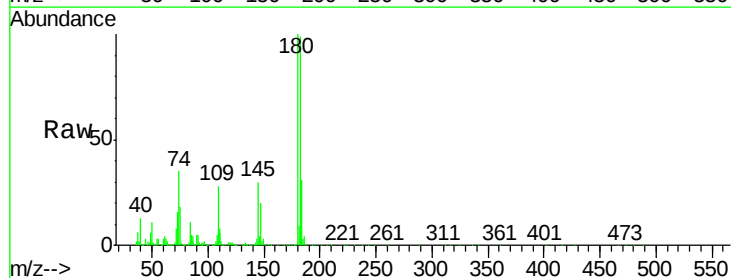
Manual Integrations

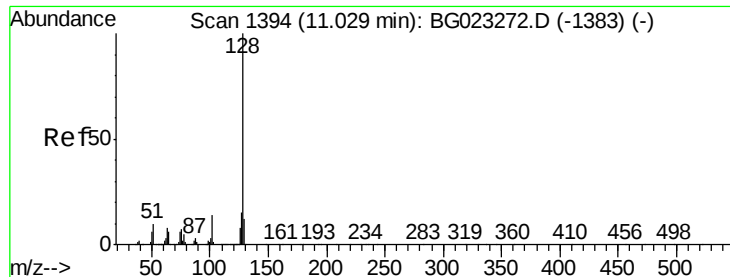
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#30
1,2,4-Trichlorobenzene
Concen: 38.93 ng
RT: 10.83 min Scan# 1360
Delta R.T. 0.00 min
Lab File: BG023276.D
Acq: 26 Jul 2016 20:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.6	73.8	110.8
145	30.1	24.4	36.6





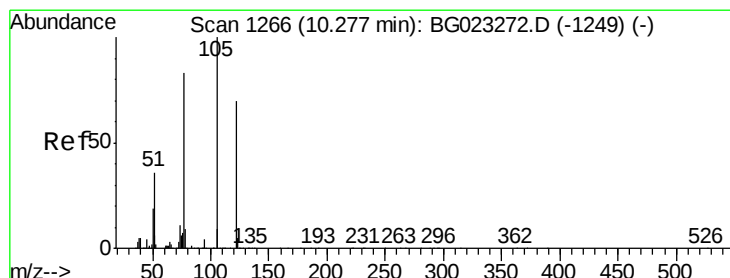
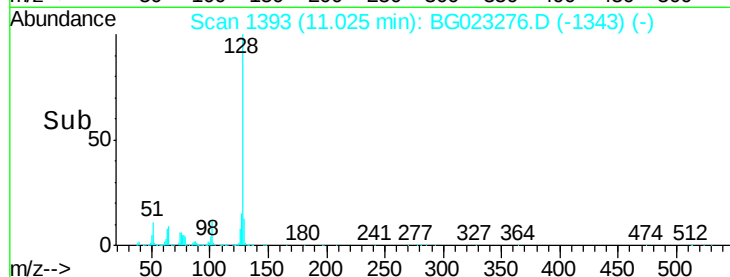
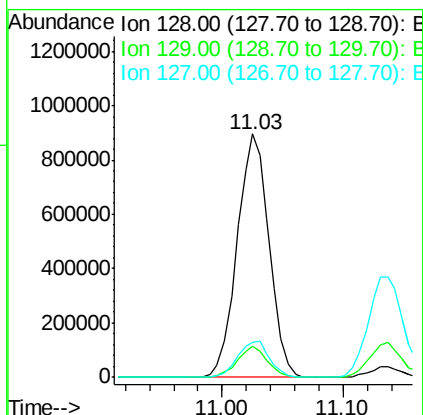
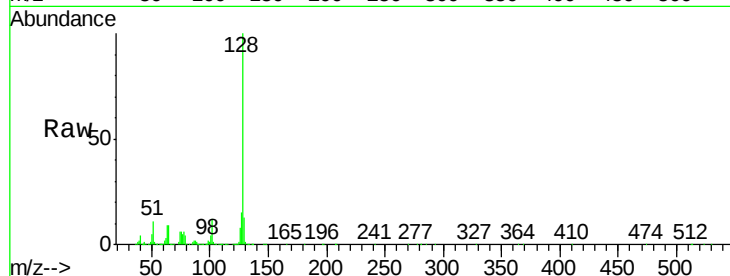
#31
Naphthalene
Concen: 39.88 ng
RT: 11.03 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BG023276.D
Acq: 26 Jul 2016 20:46

Instrument :
BNA_G
ClientSampleId :
ICVBG072616

Tot Ion:128 Resp: 1642297
Ion Ratio Lower Upper
128 100
129 13.0 9.4 14.0
127 14.6 11.3 16.9

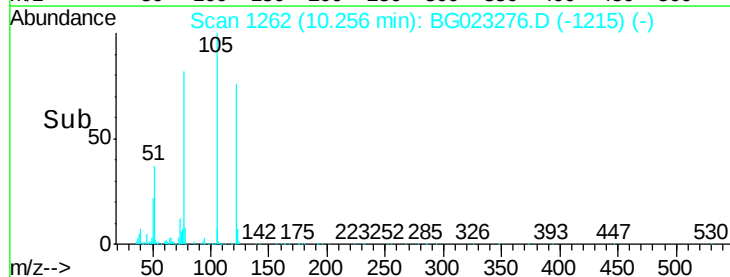
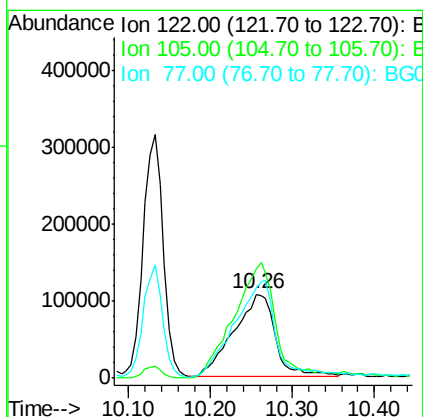
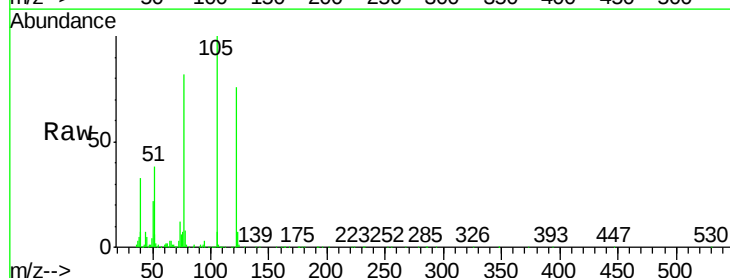
Manual Integrations

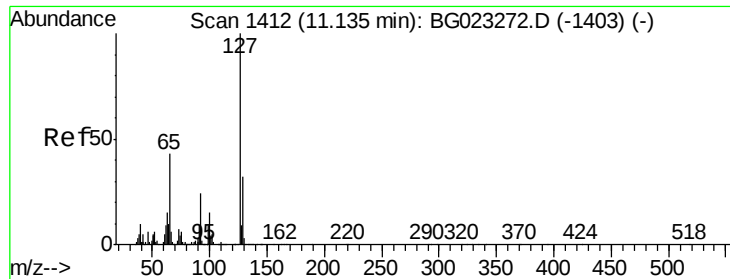
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#32
Benzoic acid
Concen: 36.85 ng
RT: 10.26 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BG023276.D
Acq: 26 Jul 2016 20:46

Tgt Ion:122 Resp: 377328
Ion Ratio Lower Upper
122 100
105 131.0 117.2 157.2
77 107.8 109.2 149.2#





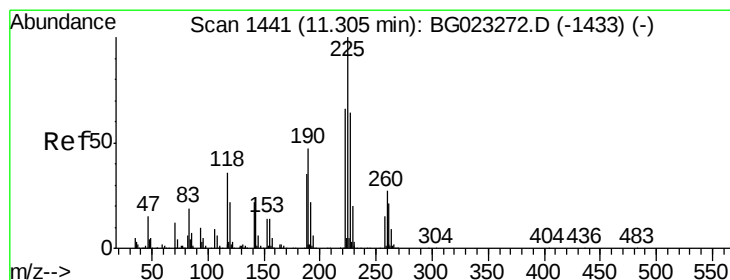
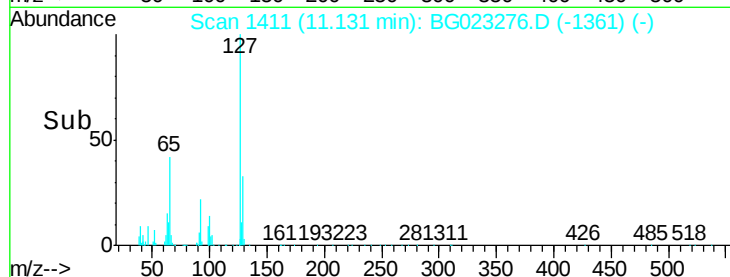
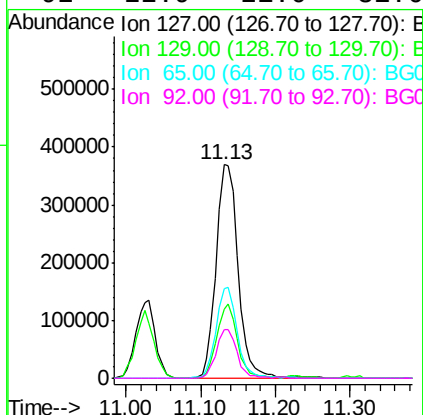
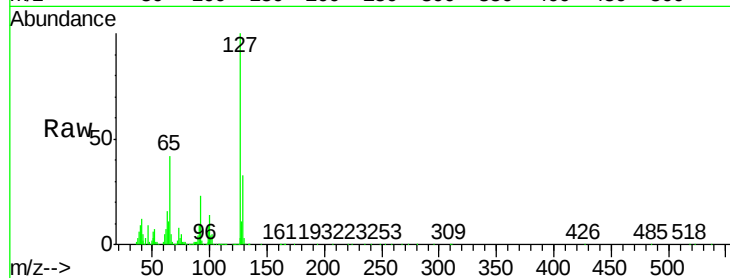
#33
4-Chloroaniline
Concen: 39.76 ng
RT: 11.13 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BG023276.D
Acq: 26 Jul 2016 20:46

Instrument :
BNA_G
ClientSampleId :
ICVBG072616

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.7	27.9	41.9		
65	41.8	36.8	55.2		
92	22.9	21.0	31.6		

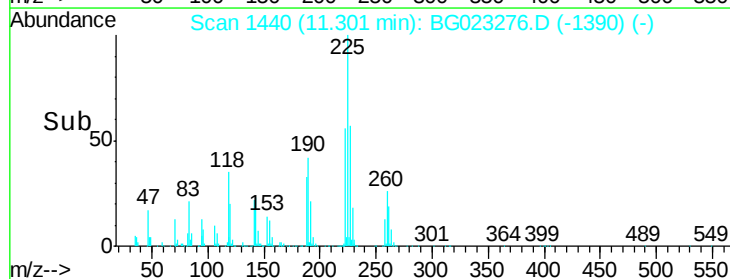
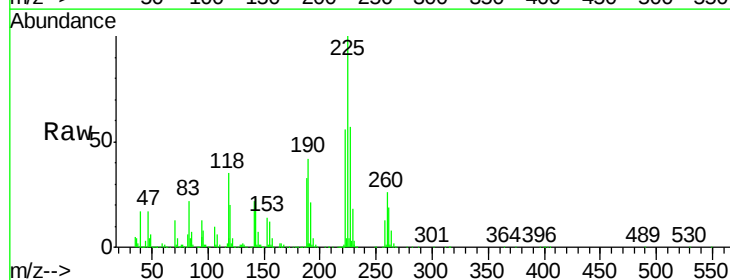
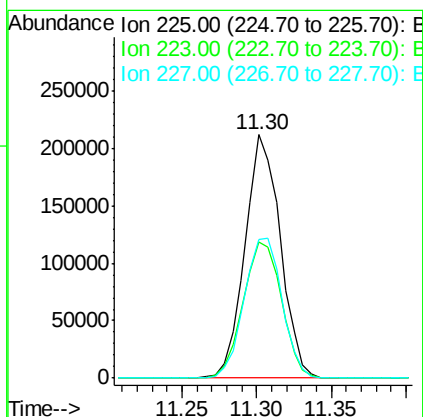
Manual Integrations

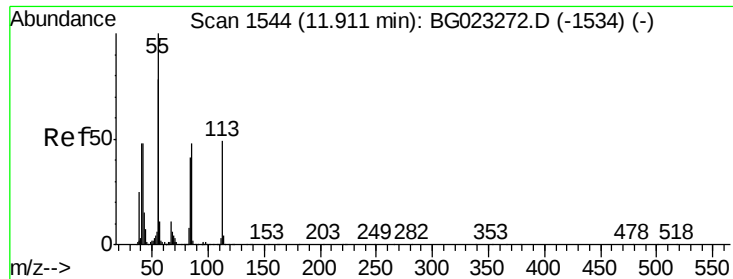
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#34
Hexachlorobutadiene
Concen: 36.87 ng
RT: 11.30 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BG023276.D
Acq: 26 Jul 2016 20:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	55.9	49.6	74.4		
227	57.0	54.5	81.7		





#35

Caprolactam

Concen: 40.27 ng

RT: 11.91 min Scan# 1543

Delta R.T. 0.02 min

Lab File: BG023276.D

Acq: 26 Jul 2016 20:46

Instrument :

BNA_G

ClientSampleId :

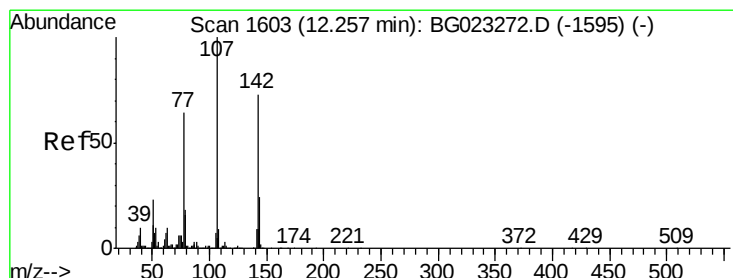
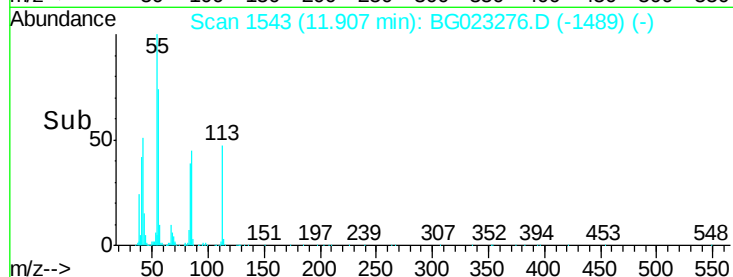
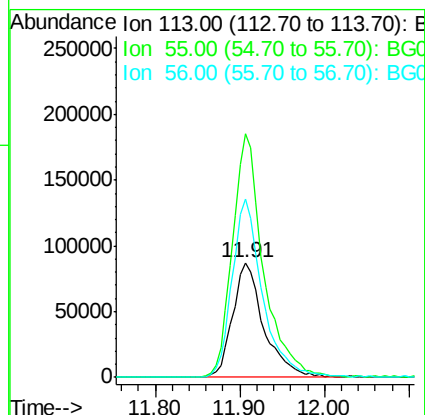
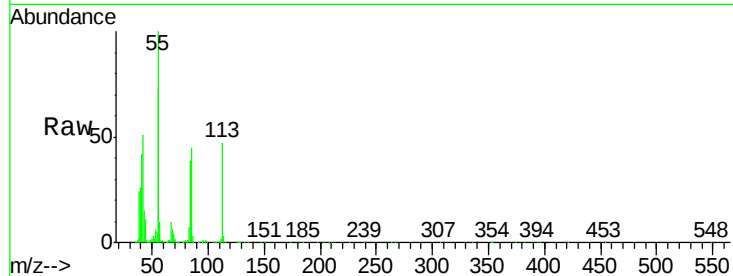
ICVBG072616

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	212.6	154.5	194.5	#
56	156.0	125.1	165.1	

Manual Integrations

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#36

4-Chloro-3-methylphenol

Concen: 38.47 ng

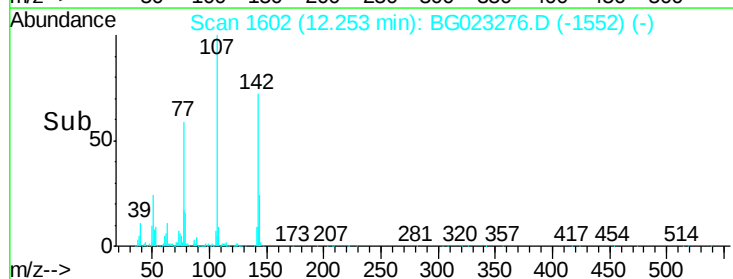
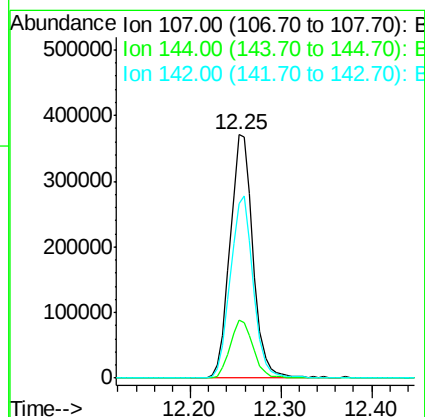
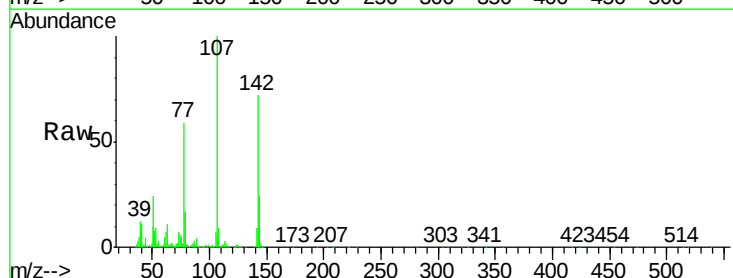
RT: 12.25 min Scan# 1602

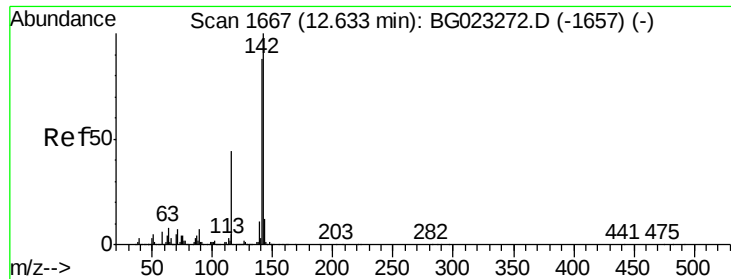
Delta R.T. -0.01 min

Lab File: BG023276.D

Acq: 26 Jul 2016 20:46

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	23.9	17.0	25.6	
142	71.6	53.0	79.6	





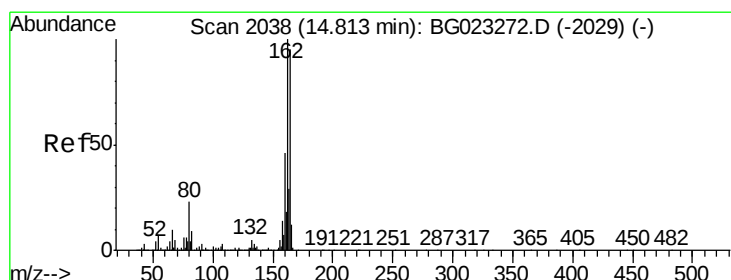
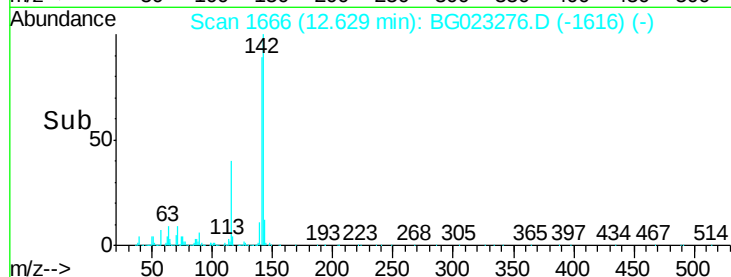
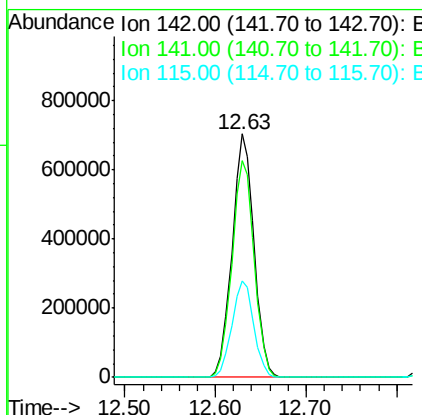
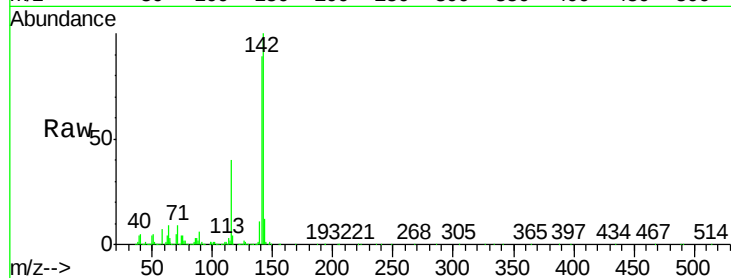
#37
2-Methylnaphthalene
Concen: 38.57 ng
RT: 12.63 min Scan# 1666
Delta R.T. -0.01 min
Lab File: BG023276.D
Acq: 26 Jul 2016 20:46

Instrument :
BNA_G
ClientSampleId :
ICVBG072616

Tot Ion:142 Resp: 1177790
Ion Ratio Lower Upper
142 100
141 88.9 70.2 105.2
115 39.8 41.7 62.5#

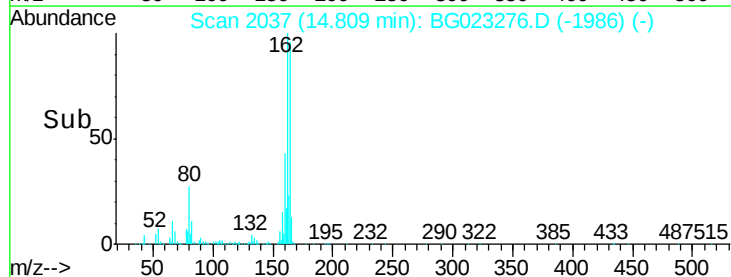
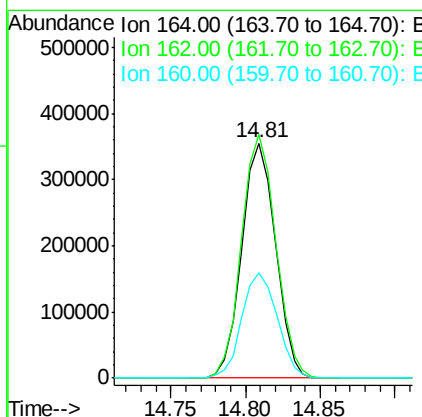
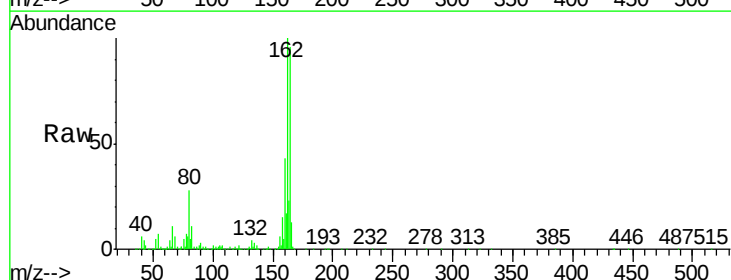
Manual Integrations

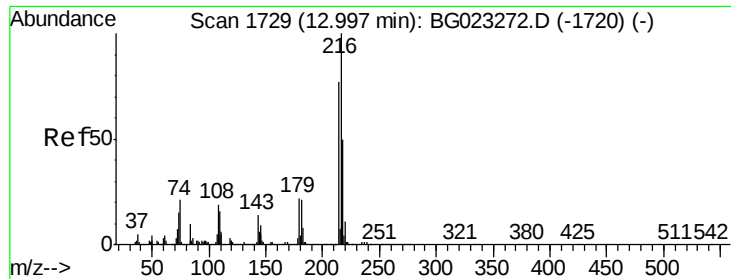
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.81 min Scan# 2037
Delta R.T. 0.00 min
Lab File: BG023276.D
Acq: 26 Jul 2016 20:46

Tgt Ion:164 Resp: 557196
Ion Ratio Lower Upper
164 100
162 103.7 87.7 131.5
160 45.0 37.2 55.8





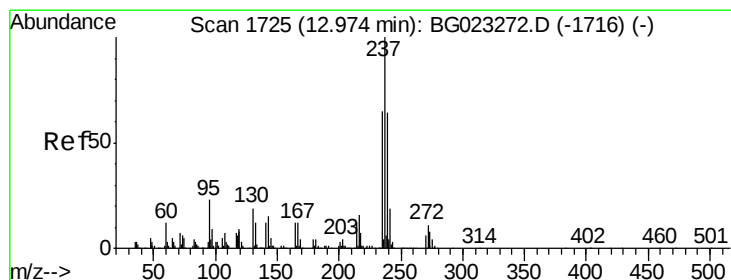
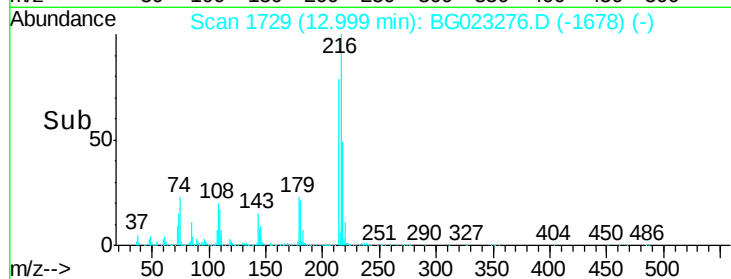
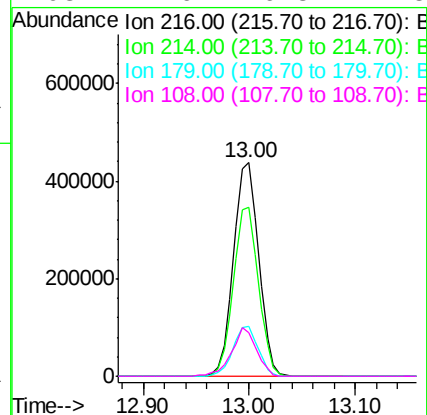
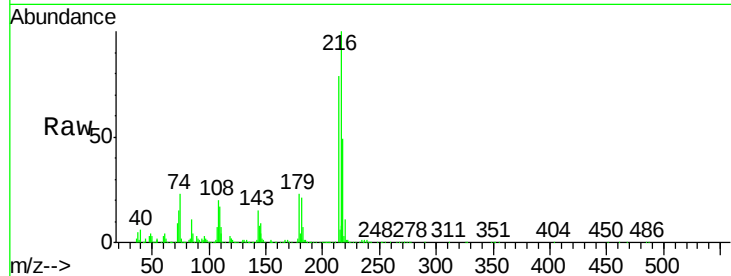
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.75 ng
 RT: 13.00 min Scan# 1729
 Delta R.T. 0.00 min
 Lab File: BG023276.D
 Acq: 26 Jul 2016 20:46

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG072616

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		717038		
214	78.7		62.9	94.3	
179	23.3		17.2	25.8	
108	22.6		16.3	24.5	

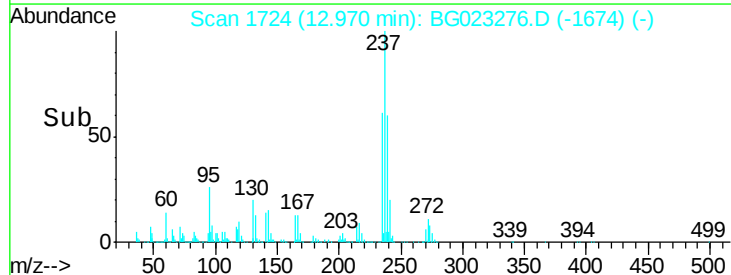
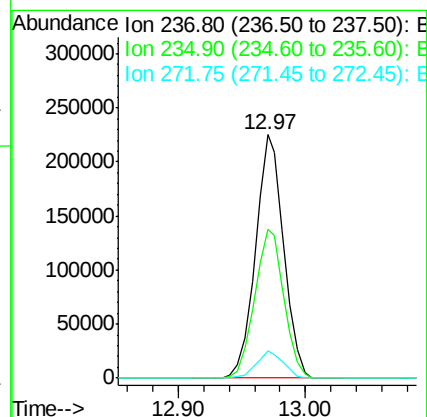
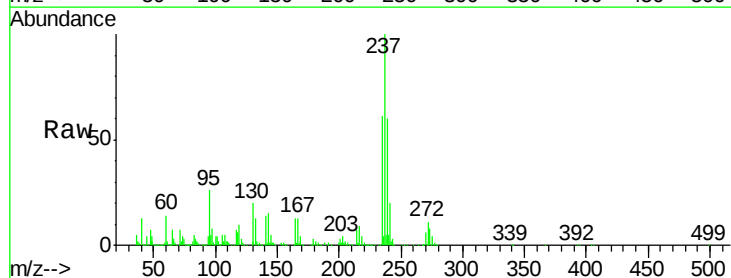
Manual Integrations

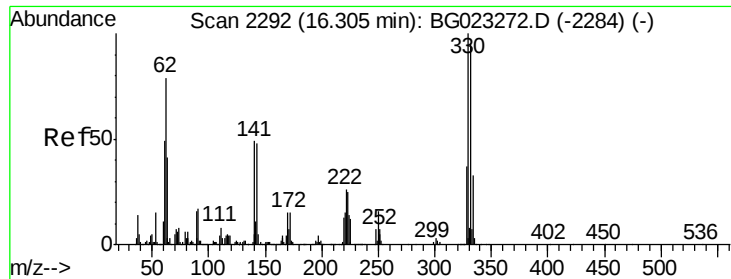
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#40
 Hexachlorocyclopentadiene
 Concen: 40.51 ng
 RT: 12.97 min Scan# 1724
 Delta R.T. -0.00 min
 Lab File: BG023276.D
 Acq: 26 Jul 2016 20:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		346280		
235	61.3		43.1	83.1	
272	11.1		0.0	30.9	





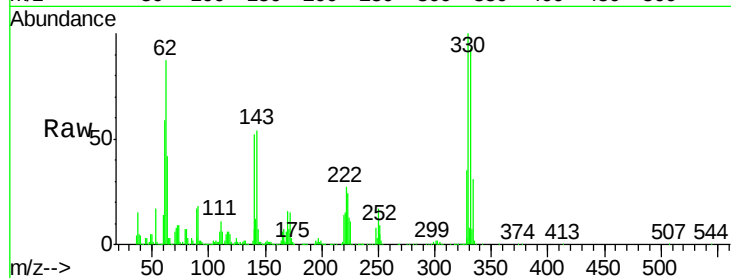
#41
 2,4,6-Tribromophenol
 Concen: 72.46 ng
 RT: 16.31 min Scan# 2292
 Delta R.T. 0.00 min
 Lab File: BG023276.D
 Acq: 26 Jul 2016 20:46

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG072616

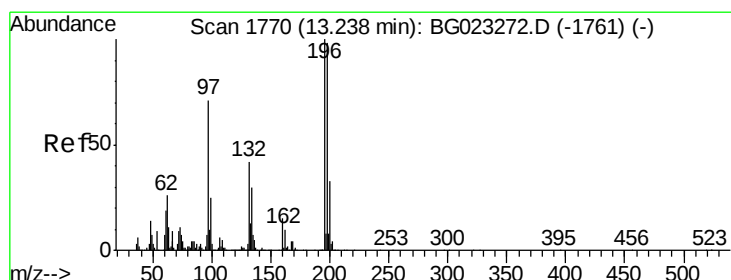
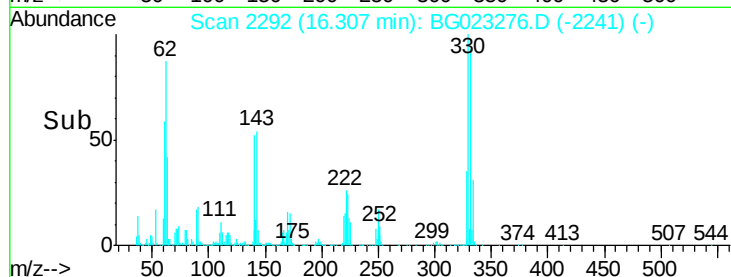
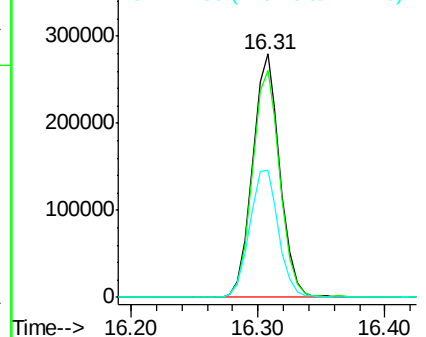
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.4	116.2
141	55.6	31.7	47.5#

Manual Integrations

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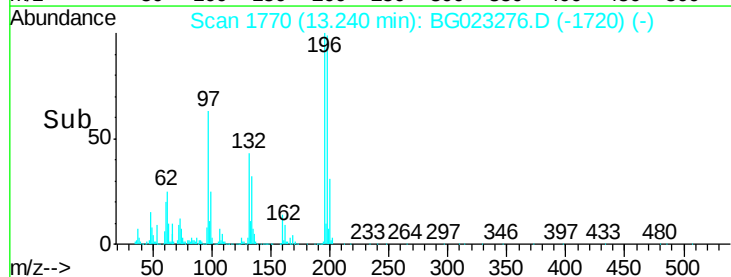
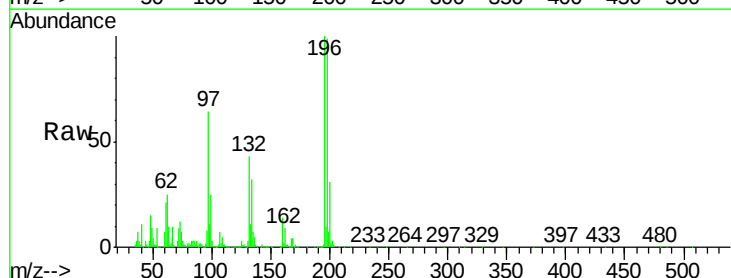
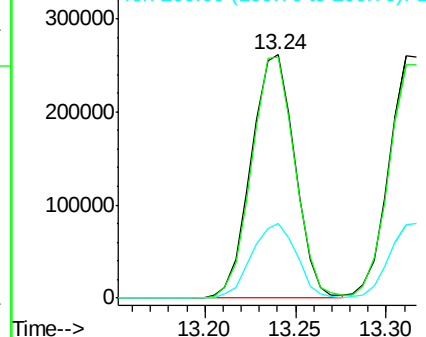
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

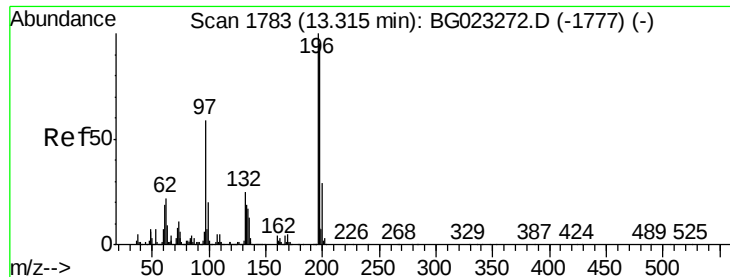


#42
 2,4,6-Trichlorophenol
 Concen: 41.24 ng
 RT: 13.24 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: BG023276.D
 Acq: 26 Jul 2016 20:46

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.8	78.2	117.2
200	30.8	27.0	40.4

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





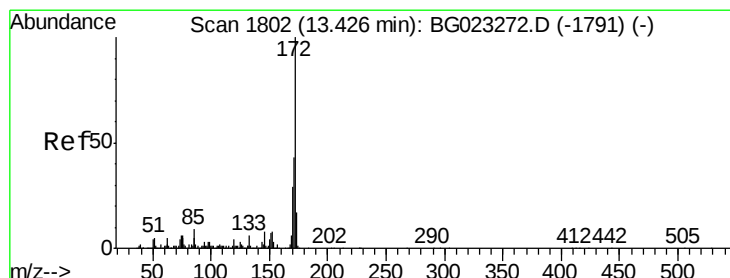
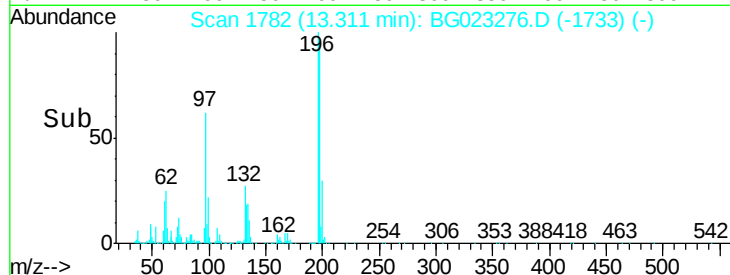
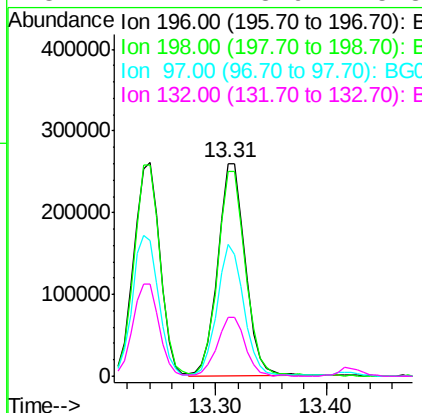
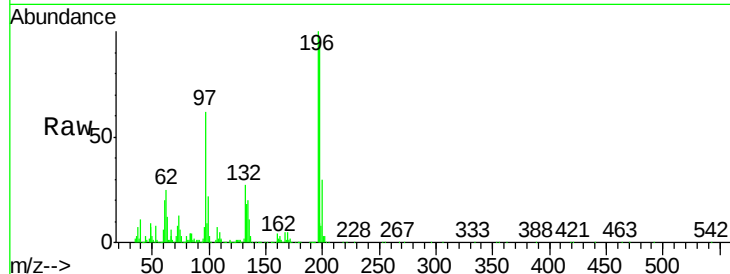
#43
2,4,5-Trichlorophenol
Concen: 40.21 ng
RT: 13.31 min Scan# 1782
Delta R.T. -0.01 min
Lab File: BG023276.D
Acq: 26 Jul 2016 20:46

Instrument :
BNA_G
ClientSampleId :
ICVBG072616

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.3	85.7	128.5
97	61.7	45.5	68.3
132	27.4	18.9	28.3

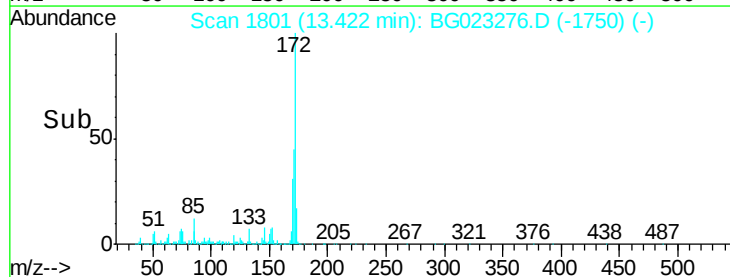
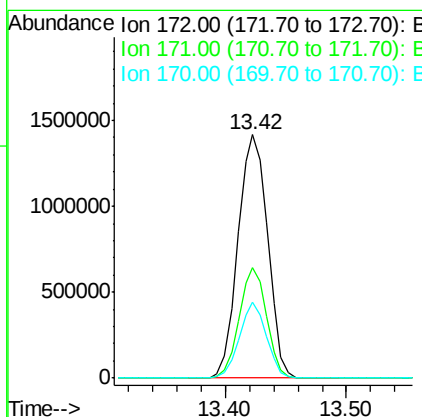
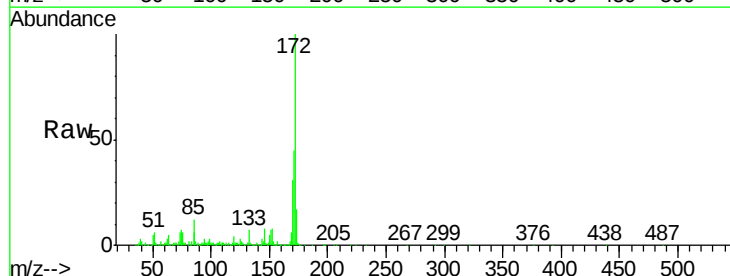
Manual Integrations

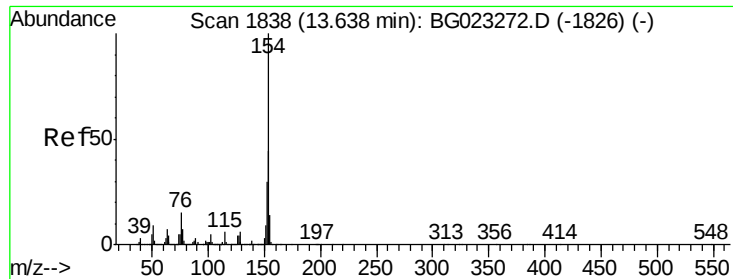
umangi
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#44
2-Fluorobiphenyl
Concen: 81.28 ng
RT: 13.42 min Scan# 1801
Delta R.T. 0.00 min
Lab File: BG023276.D
Acq: 26 Jul 2016 20:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	45.2	31.6	47.4
170	31.2	21.3	31.9





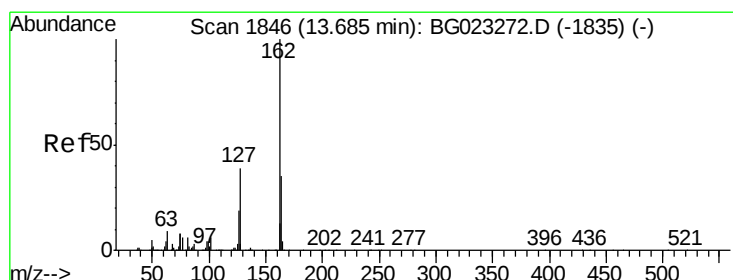
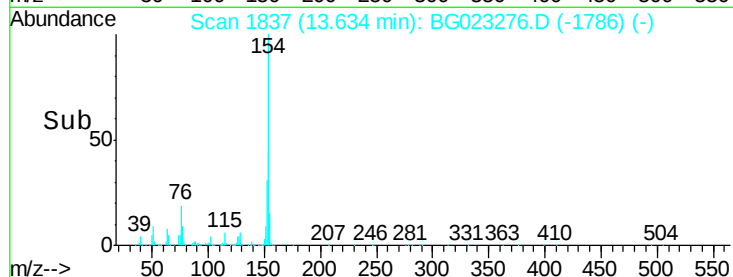
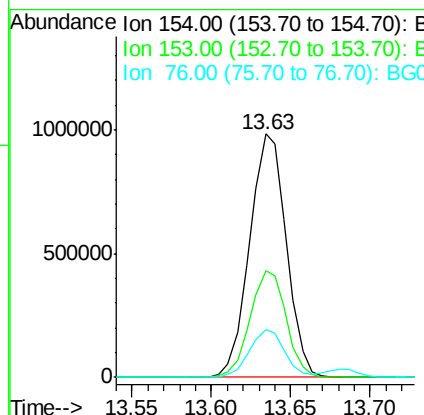
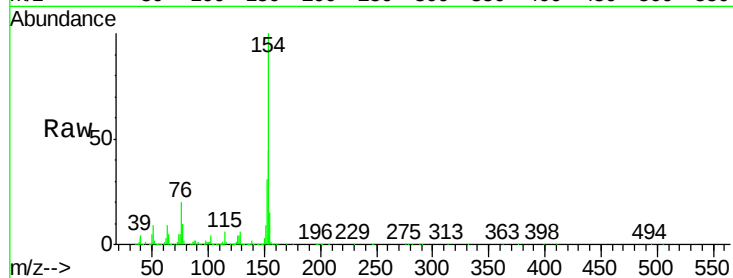
#45
1,1'-Biphenyl
Concen: 40.57 ng
RT: 13.63 min Scan# 1837
Delta R.T. 0.00 min
Lab File: BG023276.D
Acq: 26 Jul 2016 20:46

Instrument :
BNA_G
ClientSampleId :
ICVBG072616

Tot Ion	Ratio	Lower	Upper
154	100		
153	43.8	20.2	60.2
76	19.5	0.0	32.9

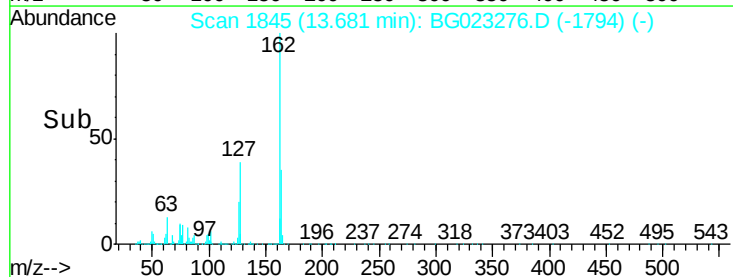
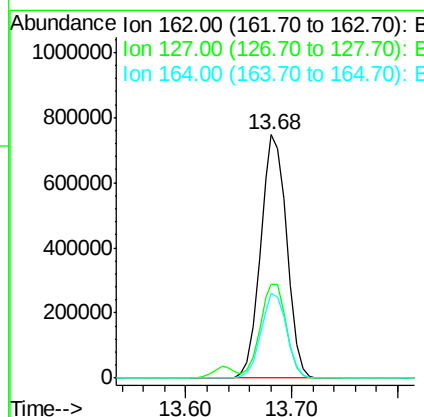
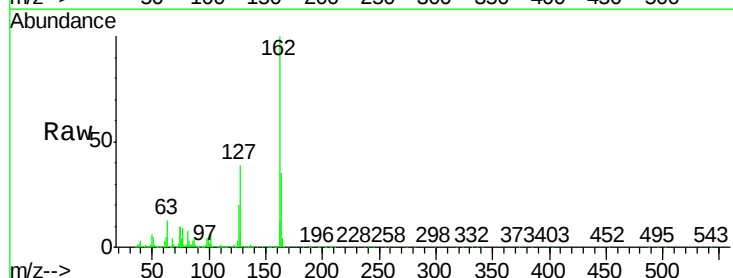
Manual Integrations

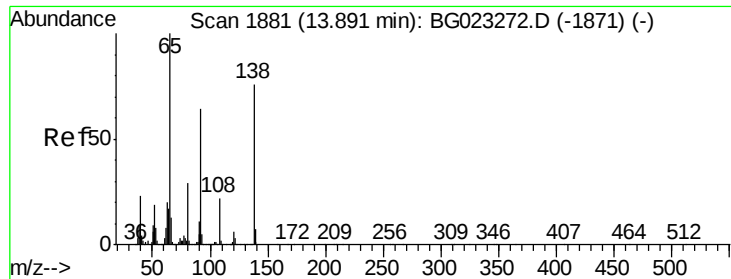
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#46
2-Chloronaphthalene
Concen: 41.09 ng
RT: 13.68 min Scan# 1845
Delta R.T. 0.00 min
Lab File: BG023276.D
Acq: 26 Jul 2016 20:46

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.7	32.4	48.6
164	35.0	25.2	37.8





#47

2-Nitroaniline

Concen: 42.73 ng

RT: 13.89 min Scan# 1880

Delta R.T. 0.00 min

Lab File: BG023276.D

Acq: 26 Jul 2016 20:46

Instrument :

BNA_G

ClientSampleId :

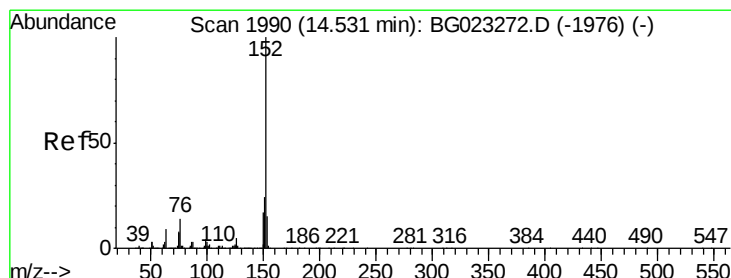
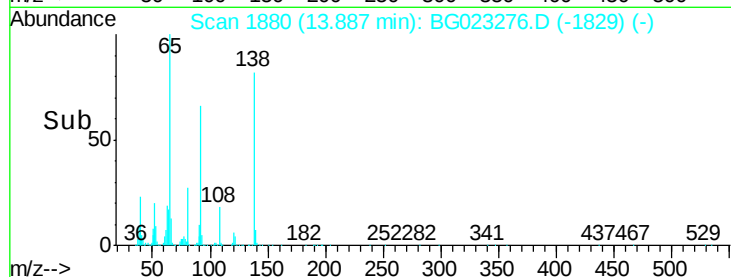
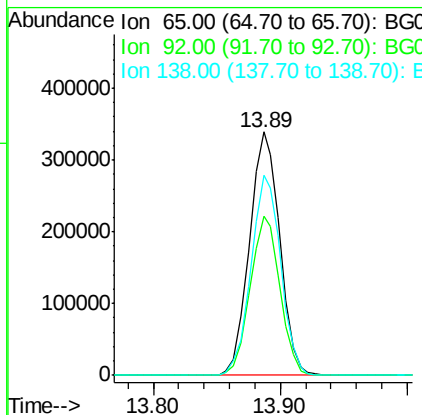
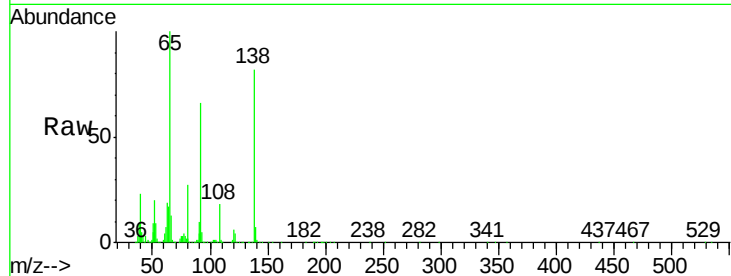
ICVBG072616

Tot Ion:	65	Resp:	562944
Ion	Ratio	Lower	Upper
65	100		
92	65.6	49.4	74.0
138	82.0	58.0	87.0

Manual Integrations

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#48

Acenaphthylene

Concen: 41.40 ng

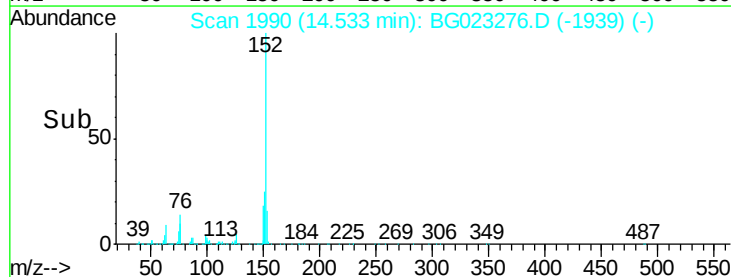
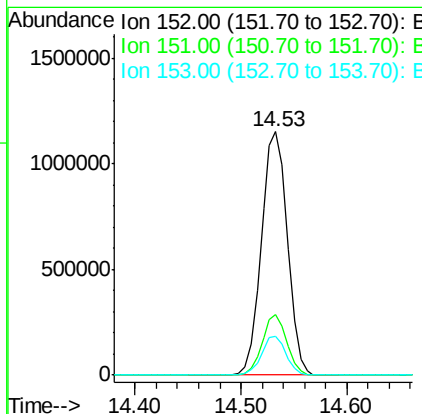
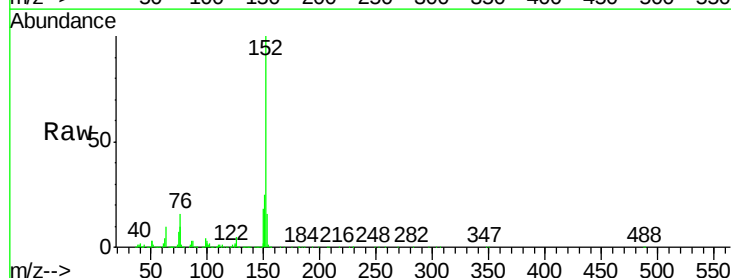
RT: 14.53 min Scan# 1990

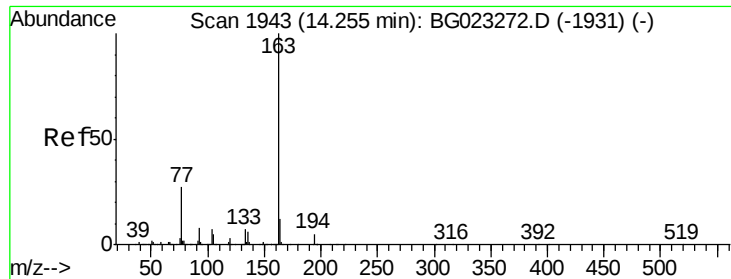
Delta R.T. 0.00 min

Lab File: BG023276.D

Acq: 26 Jul 2016 20:46

Tgt Ion:	152	Resp:	1973715
Ion	Ratio	Lower	Upper
152	100		
151	24.7	17.6	26.4
153	15.9	11.4	17.2





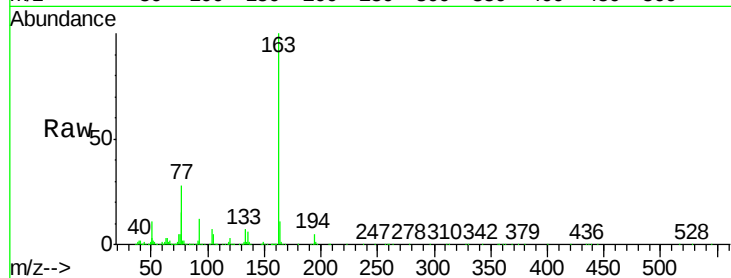
#49
Dimethylphthalate
Concen: 40.09 ng
RT: 14.25 min Scan# 1942
Delta R.T. 0.00 min
Lab File: BG023276.D
Acq: 26 Jul 2016 20:46

Instrument :
BNA_G
ClientSampleId :
ICVBG072616

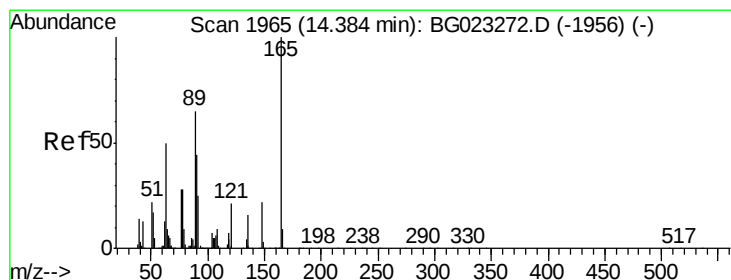
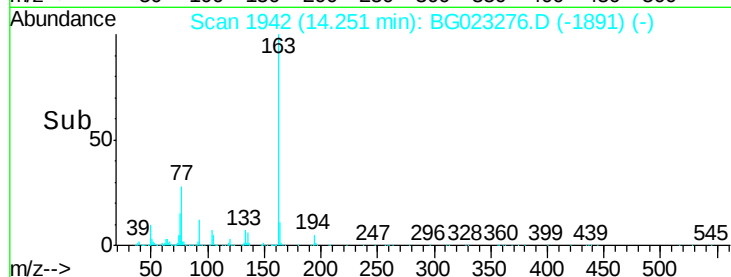
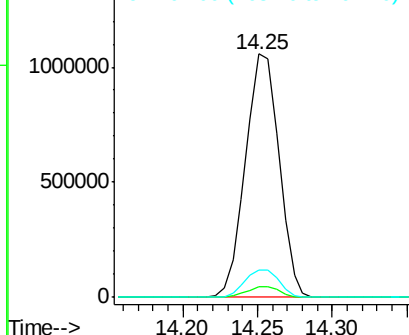
Tot Ion:163 Resp: 1648594
Ion Ratio Lower Upper
163 100
194 4.5 3.6 5.4
164 11.2 8.1 12.1

Manual Integrations

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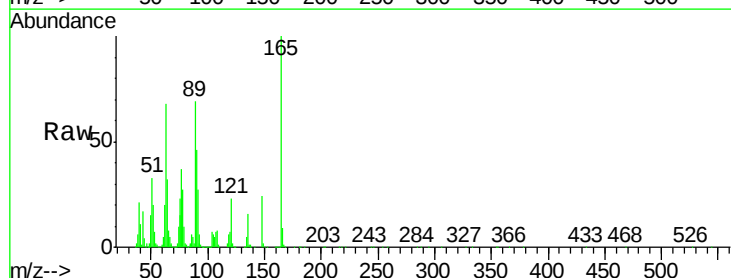


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

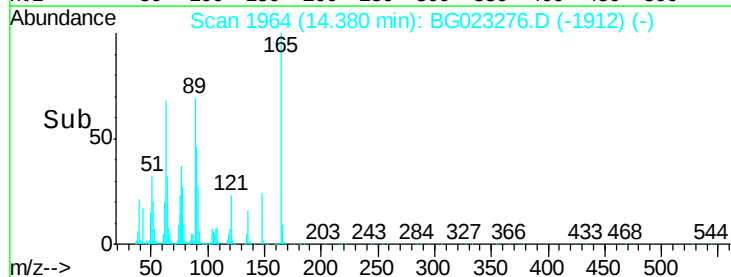
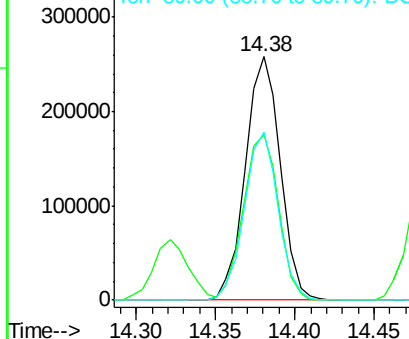


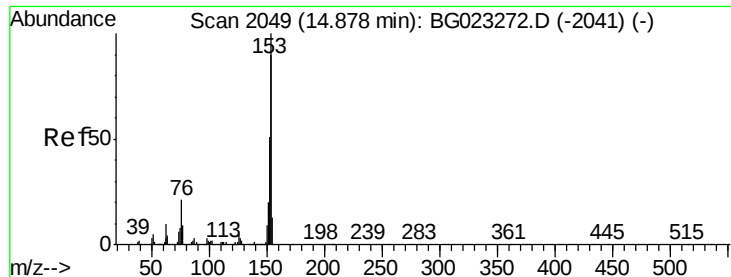
#50
2,6-Dinitrotoluene
Concen: 40.96 ng
RT: 14.38 min Scan# 1964
Delta R.T. 0.01 min
Lab File: BG023276.D
Acq: 26 Jul 2016 20:46

Tgt Ion:165 Resp: 394352
Ion Ratio Lower Upper
165 100
63 68.1 64.3 96.5
89 68.8 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: 40.14 ng

RT: 14.87 min Scan# 2048

Delta R.T. 0.00 min

Lab File: BG023276.D

Acq: 26 Jul 2016 20:46

Instrument :

BNA_G

ClientSampleId :

ICVBG072616

Tot Ion:154 Resp: 1241521

Ion Ratio Lower Upper

154 100

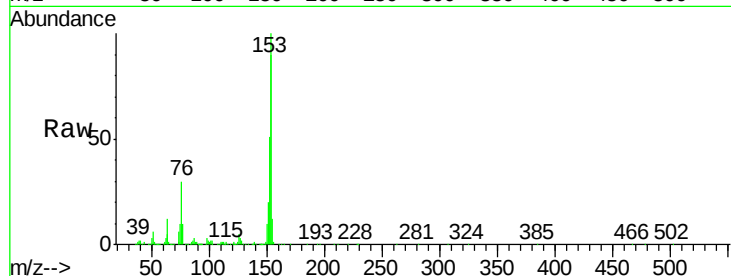
153 111.0 87.5 131.3

152 57.2 42.7 64.1

Manual Integrations

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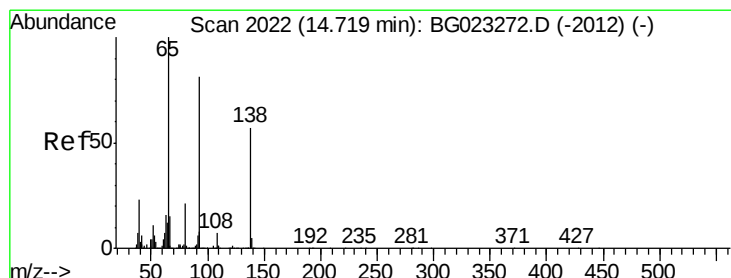
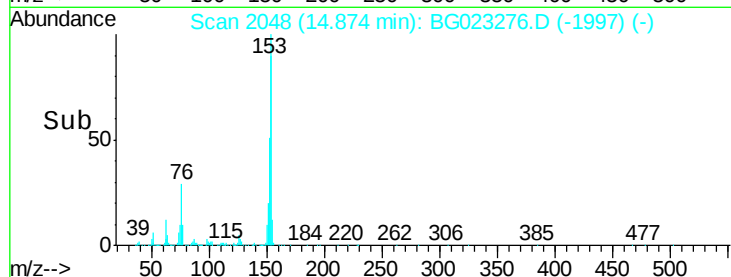
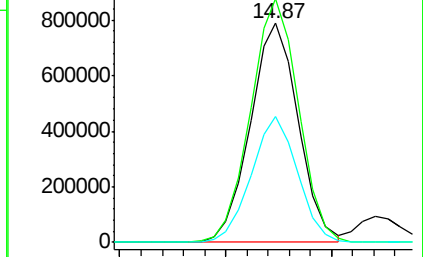
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 43.72 ng

RT: 14.72 min Scan# 2021

Delta R.T. 0.00 min

Lab File: BG023276.D

Acq: 26 Jul 2016 20:46

Tgt Ion:138 Resp: 424020

Ion Ratio Lower Upper

138 100

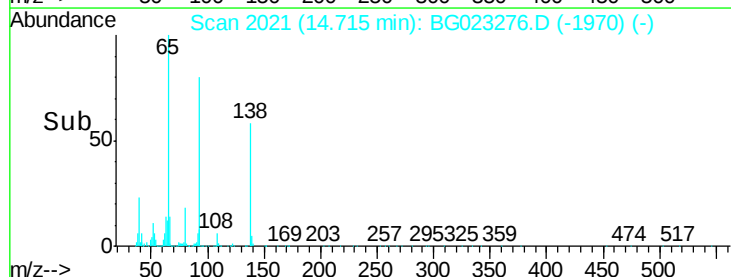
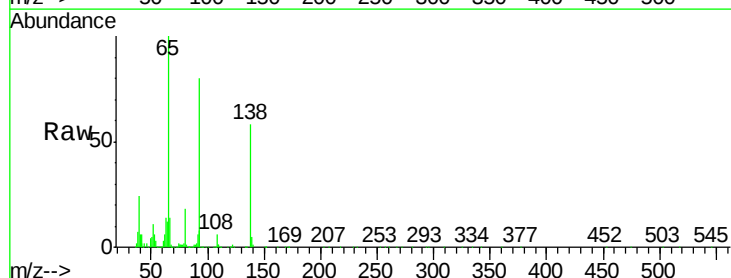
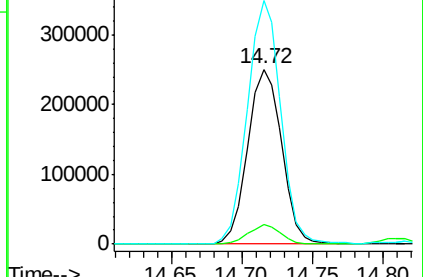
108 11.1 11.7 17.5#

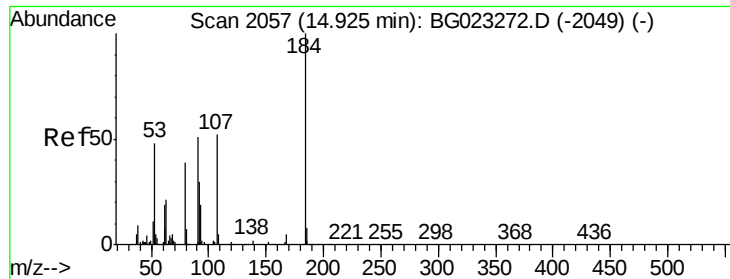
92 139.2 129.7 194.5

Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





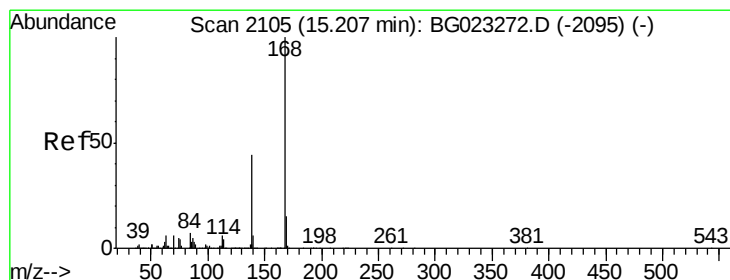
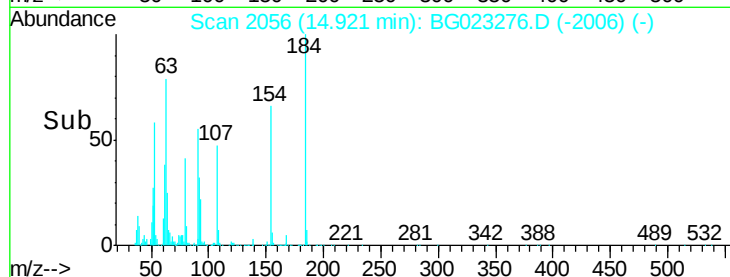
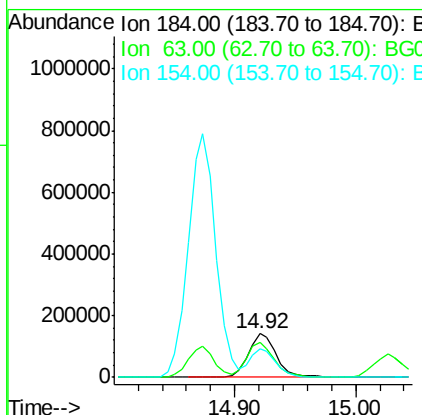
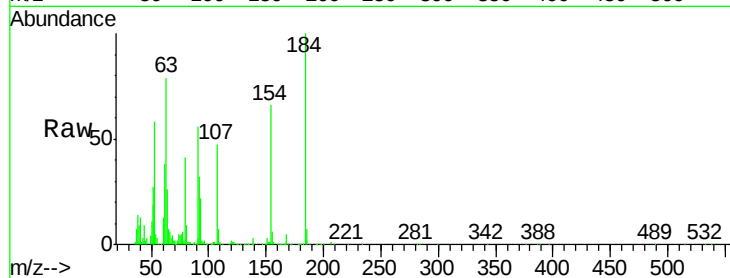
#53
2,4-Dinitrophenol
Concen: 40.36 ng
RT: 14.92 min Scan# 2056
Delta R.T. -0.00 min
Lab File: BG023276.D
Acq: 26 Jul 2016 20:46

Instrument :
BNA_G
ClientSampleId :
ICVBG072616

Tot Ion	Ratio	Lower	Upper
184	100		
63	79.1	59.6	89.4
154	65.9	67.4	101.0

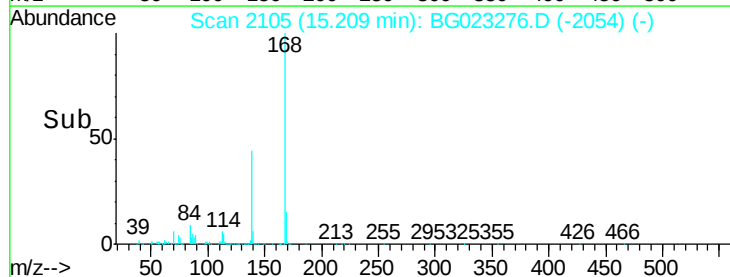
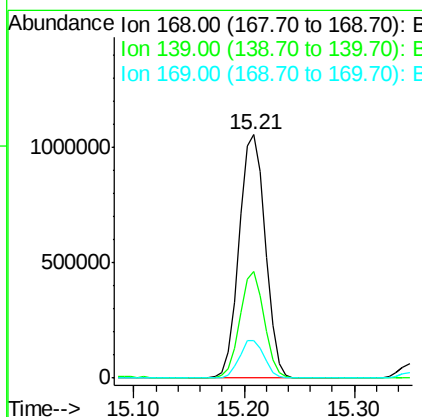
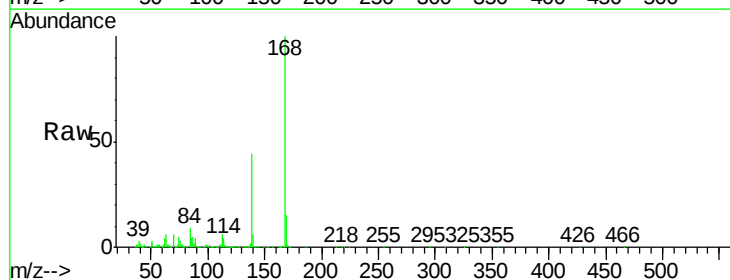
Manual Integrations

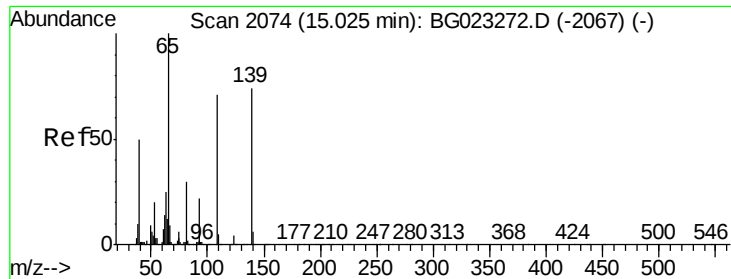
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#54
Dibenzofuran
Concen: 40.08 ng
RT: 15.21 min Scan# 2105
Delta R.T. 0.00 min
Lab File: BG023276.D
Acq: 26 Jul 2016 20:46

Tgt Ion	Ratio	Lower	Upper
168	100		
139	43.9	36.4	54.6
169	15.3	11.9	17.9





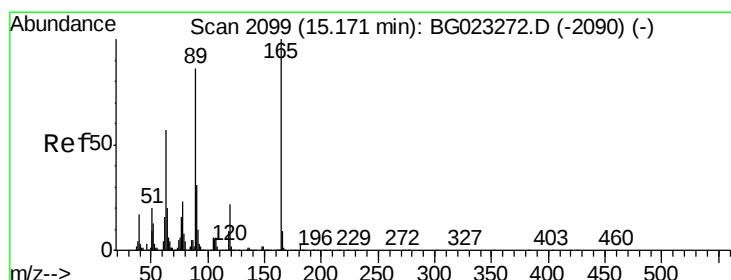
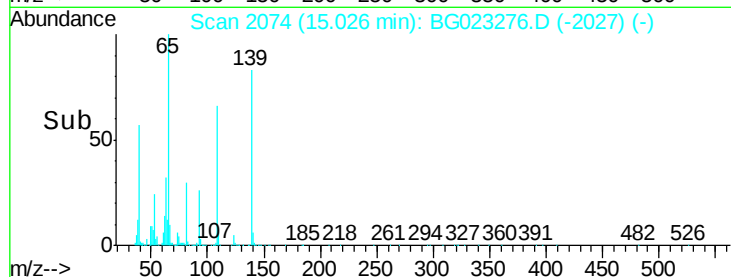
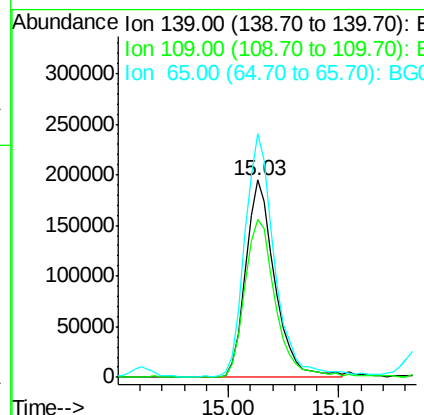
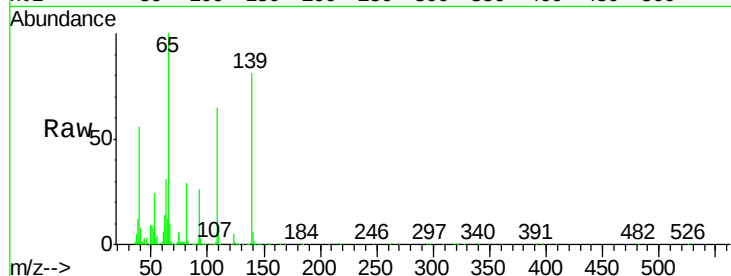
#55
4-Nitrophenol
Concen: 43.08 ng
RT: 15.03 min Scan# 2074
Delta R.T. -0.02 min
Lab File: BG023276.D
Acq: 26 Jul 2016 20:46

Instrument :
BNA_G
ClientSampleId :
ICVBG072616

Tot Ion	Ratio	Lower	Upper
139	100		
109	79.8	103.0	143.0#
65	123.3	112.7	152.7

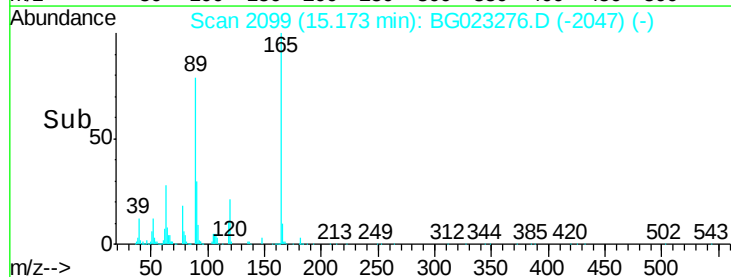
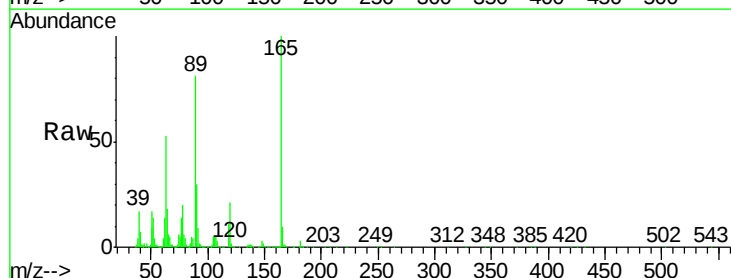
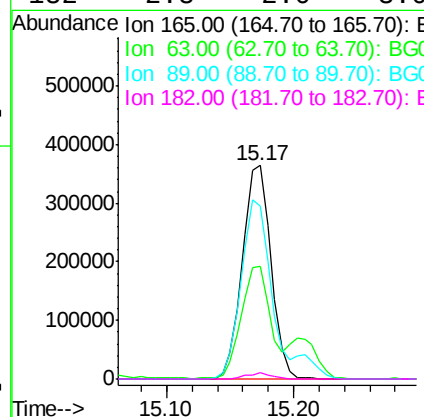
Manual Integrations

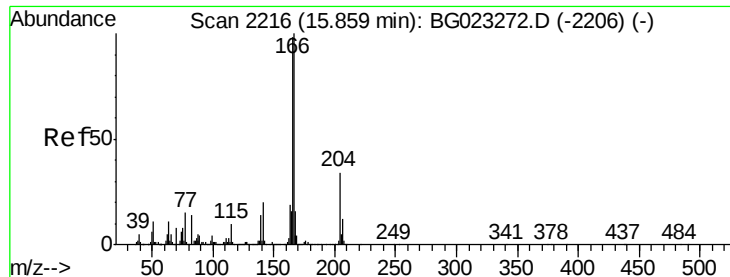
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#56
2,4-Dinitrotoluene
Concen: 41.87 ng
RT: 15.17 min Scan# 2099
Delta R.T. 0.01 min
Lab File: BG023276.D
Acq: 26 Jul 2016 20:46

Tgt Ion	Ratio	Lower	Upper
165	100		
63	52.6	45.8	68.6
89	80.9	68.6	102.8
182	2.8	2.0	3.0





#57
Fluorene
 Concen: 40.08 ng
 RT: 15.86 min Scan# 2216
 Delta R.T. 0.00 min
 Lab File: BG023276.D
 Acq: 26 Jul 2016 20:46

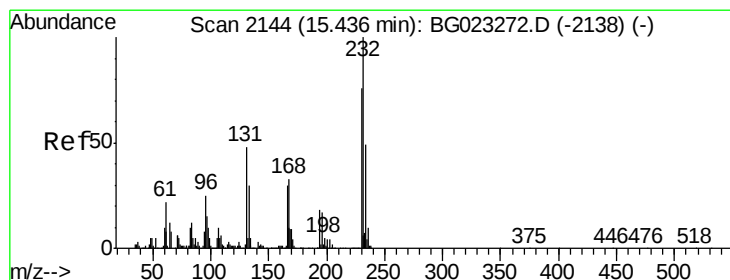
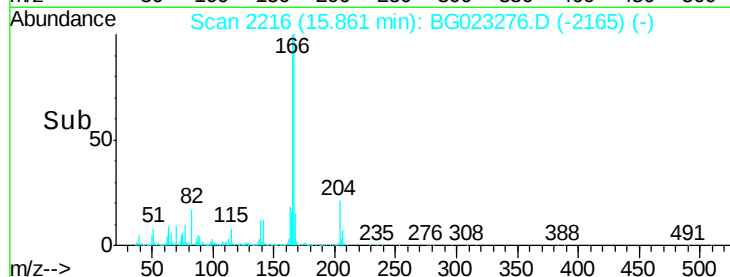
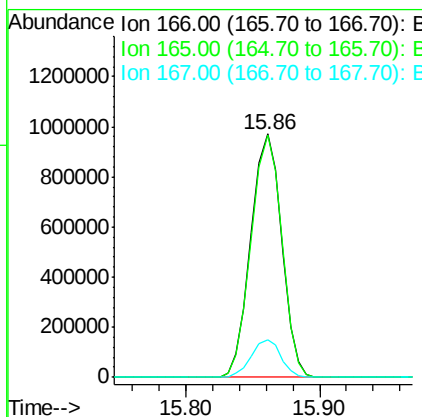
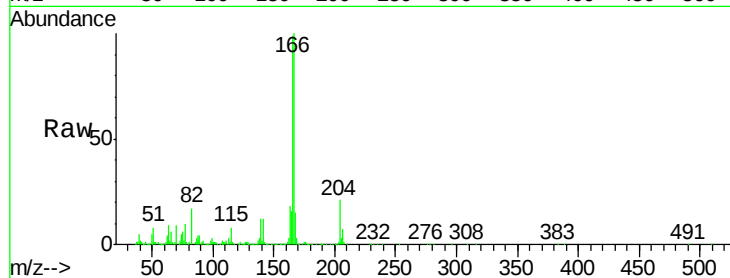
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG072616

Tot Ion:166 Resp: 1548609

Ion	Ratio	Lower	Upper
166	100		
165	99.5	81.0	121.6
167	15.4	12.0	18.0

Manual Integrations

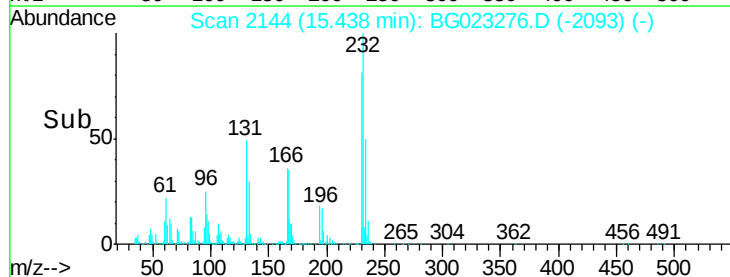
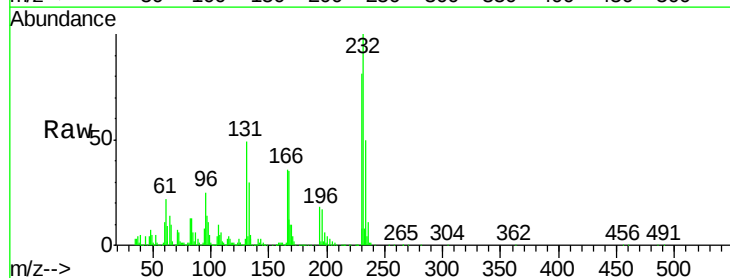
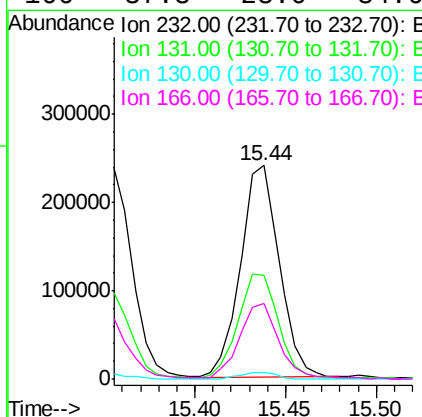
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 7/28/2016 7:07:12 PM

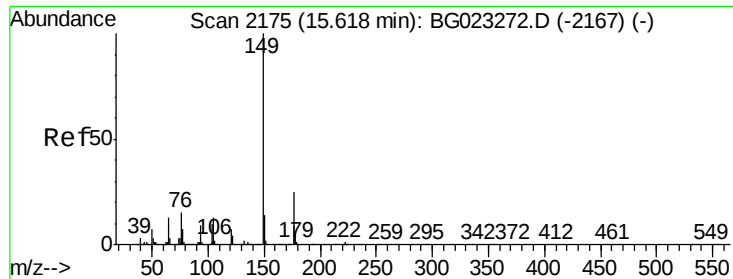


#58
2,3,4,6-Tetrachlorophenol
 Concen: 37.60 ng
 RT: 15.44 min Scan# 2144
 Delta R.T. 0.00 min
 Lab File: BG023276.D
 Acq: 26 Jul 2016 20:46

Tgt Ion:232 Resp: 357773

Ion	Ratio	Lower	Upper
232	100		
131	53.0	32.7	49.1#
130	3.2	2.6	3.8
166	37.3	23.0	34.6#





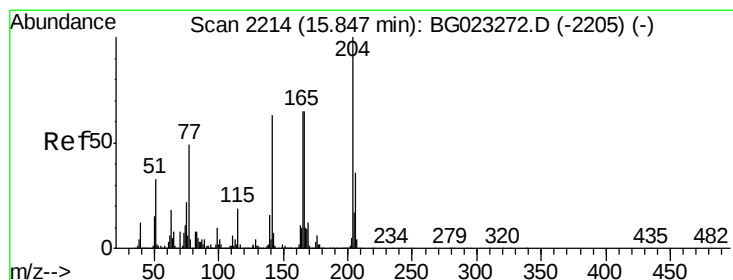
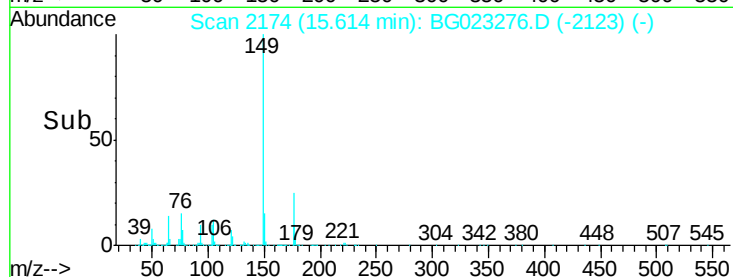
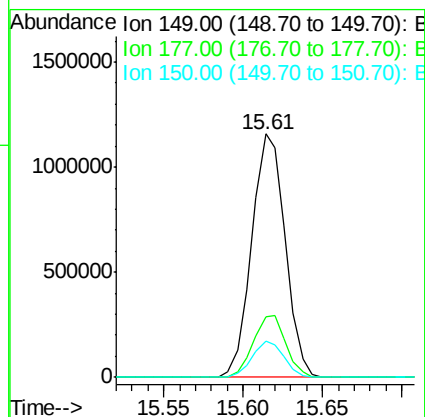
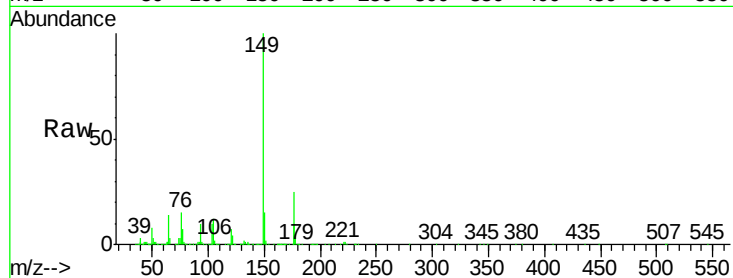
#59
Diethylphthalate
Concen: 40.35 ng
RT: 15.61 min Scan# 2174
Delta R.T. 0.00 min
Lab File: BG023276.D
Acq: 26 Jul 2016 20:46

Instrument :
BNA_G
ClientSampleId :
ICVBG072616

Tot Ion	Ratio	Lower	Upper
149	100		
177	25.1	19.2	28.8
150	15.0	10.6	16.0

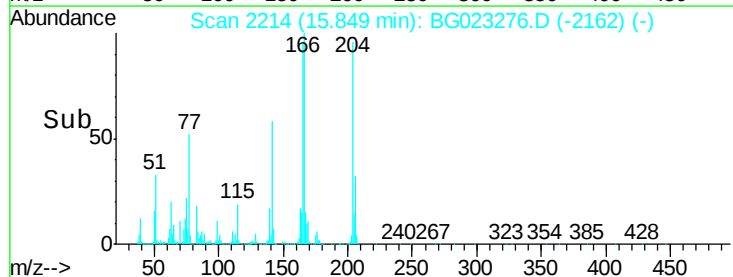
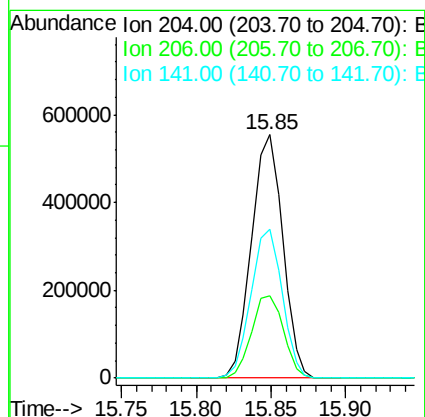
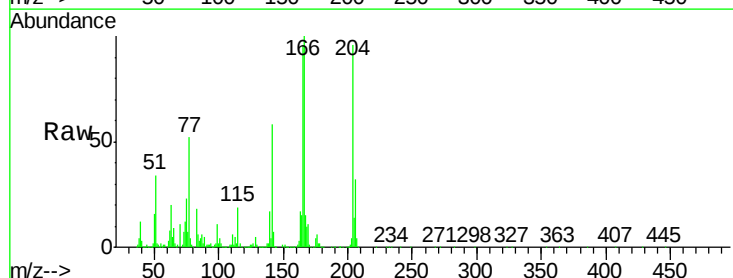
Manual Integrations

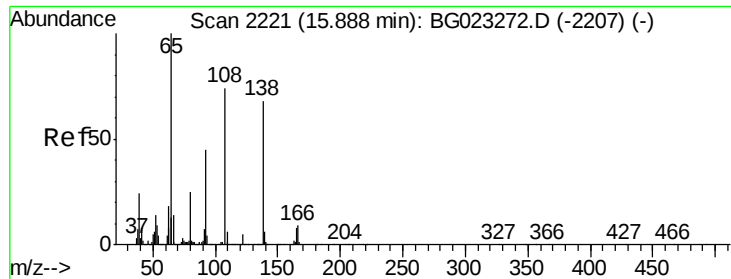
umangi
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#60
4-Chlorophenyl-phenylether
Concen: 38.40 ng
RT: 15.85 min Scan# 2214
Delta R.T. 0.01 min
Lab File: BG023276.D
Acq: 26 Jul 2016 20:46

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.7	28.5	42.7
141	60.9	51.4	77.0





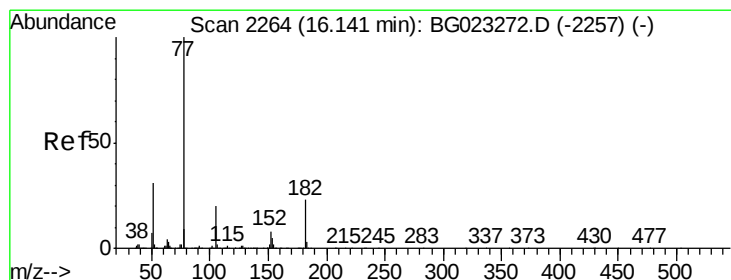
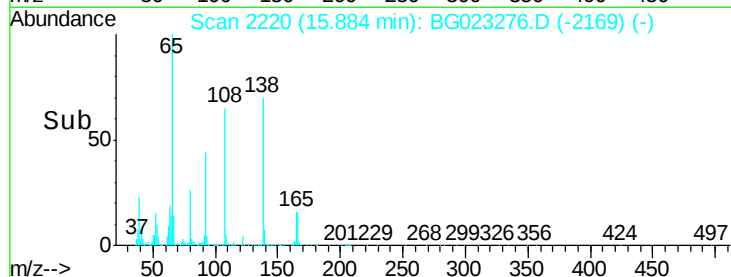
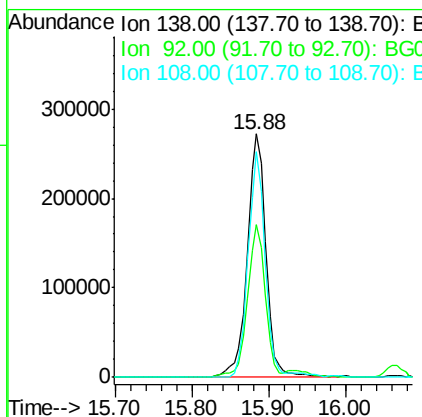
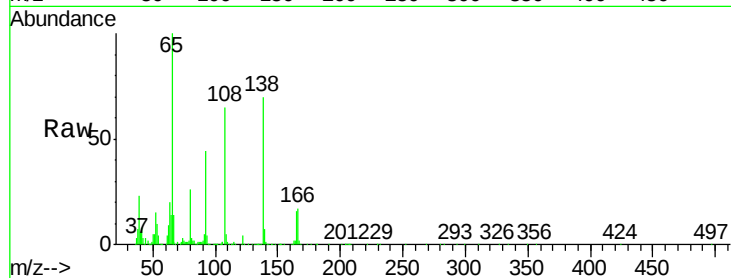
#61
4-Nitroaniline
Concen: 45.75 ng
RT: 15.88 min Scan# 2220
Delta R.T. 0.00 min
Lab File: BG023276.D
Acq: 26 Jul 2016 20:46

Instrument :
BNA_G
ClientSampleId :
ICVBG072616

Tot Ion	Ratio	Lower	Upper
138	100		
92	62.7	54.1	94.1
108	92.5	133.9	173.9#

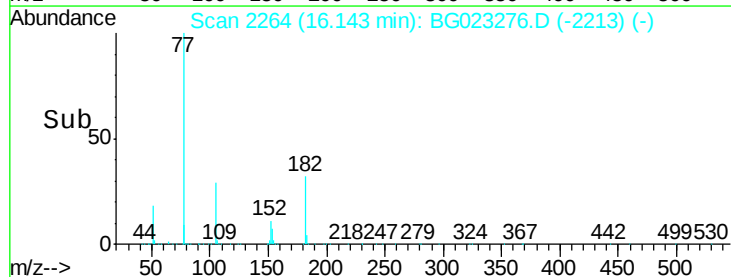
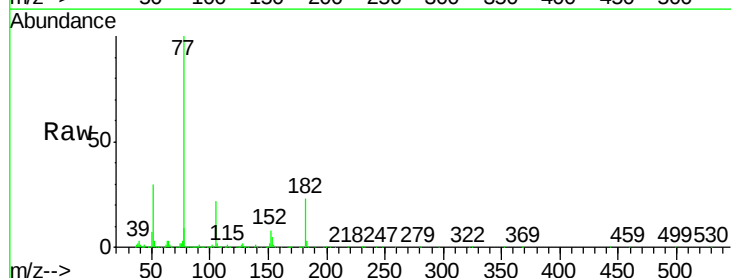
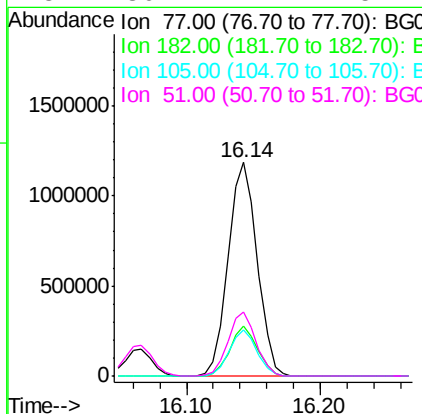
Manual Integrations

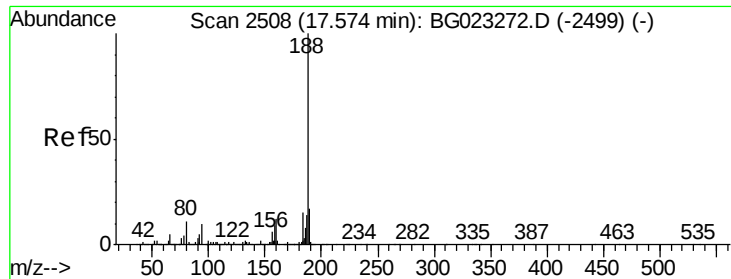
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#62
Azobenzene
Concen: 41.08 ng
RT: 16.14 min Scan# 2264
Delta R.T. 0.00 min
Lab File: BG023276.D
Acq: 26 Jul 2016 20:46

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.3	3.5	43.5
105	21.6	0.0	38.5
51	30.2	17.1	57.1





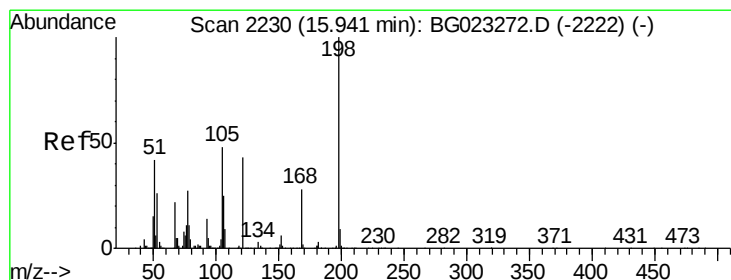
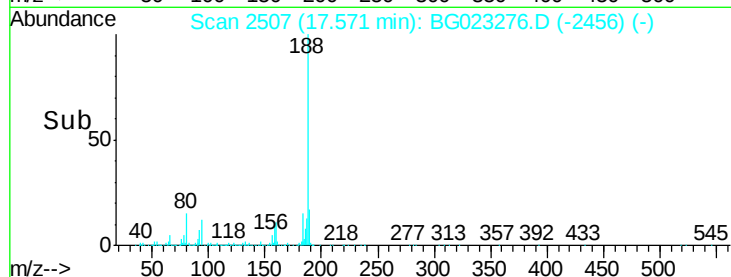
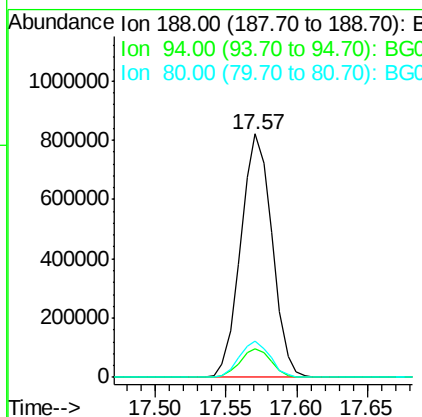
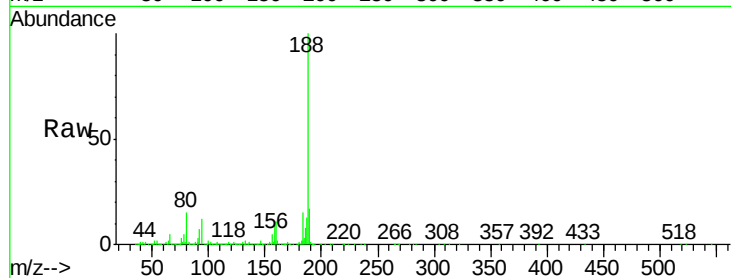
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.57 min Scan# 2507
Delta R.T. 0.00 min
Lab File: BG023276.D
Acq: 26 Jul 2016 20:46

Instrument :
BNA_G
ClientSampleId :
ICVBG072616

Tot Ion:188 Resp: 1277629
Ion Ratio Lower Upper
188 100
94 12.0 5.2 7.8#
80 14.8 7.2 10.8#

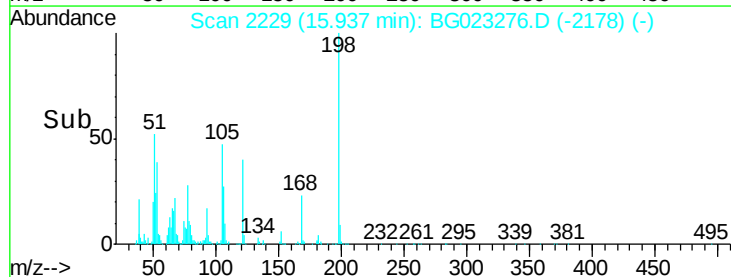
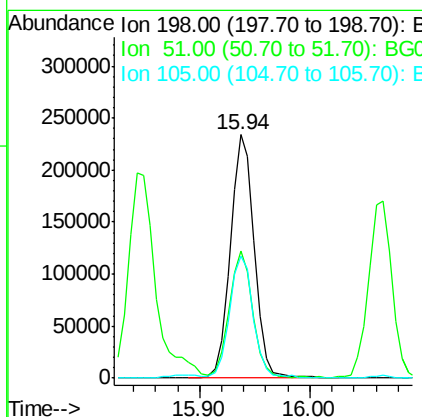
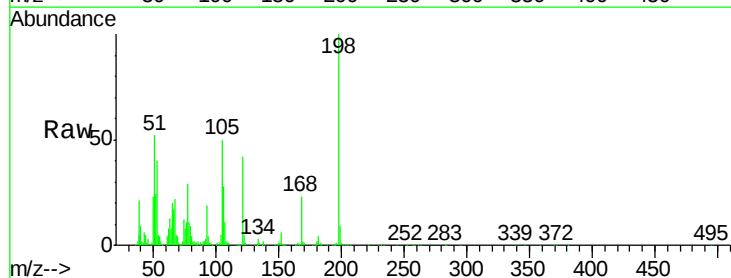
Manual Integrations

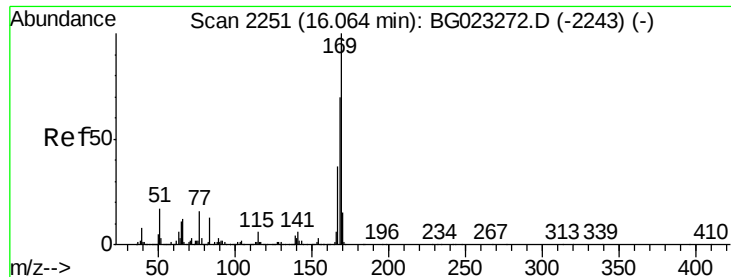
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#64
4,6-Dinitro-2-methylphenol
Concen: 43.21 ng
RT: 15.94 min Scan# 2229
Delta R.T. 0.00 min
Lab File: BG023276.D
Acq: 26 Jul 2016 20:46

Tgt Ion:198 Resp: 354615
Ion Ratio Lower Upper
198 100
51 52.3 26.0 66.0
105 50.2 20.1 60.1





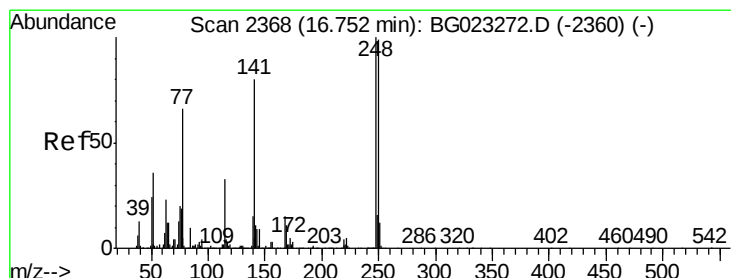
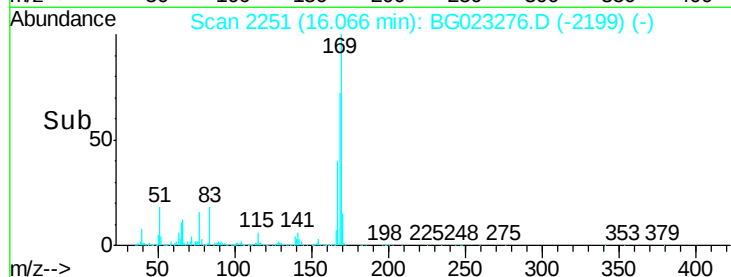
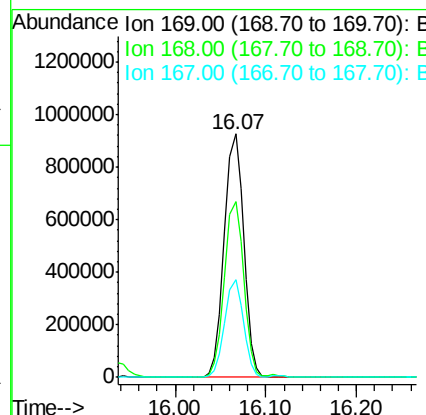
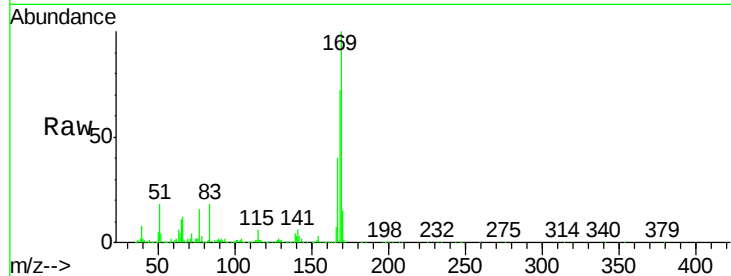
#65
n-Nitrosodiphenylamine
Concen: 40.59 ng
RT: 16.07 min Scan# 2251
Delta R.T. 0.01 min
Lab File: BG023276.D
Acq: 26 Jul 2016 20:46

Instrument :
BNA_G
ClientSampleId :
ICVBG072616

Tot Ion	Ion	Ratio	Lower	Upper
169	100			
168	72.3	55.0	82.4	
167	40.1	27.4	41.0	

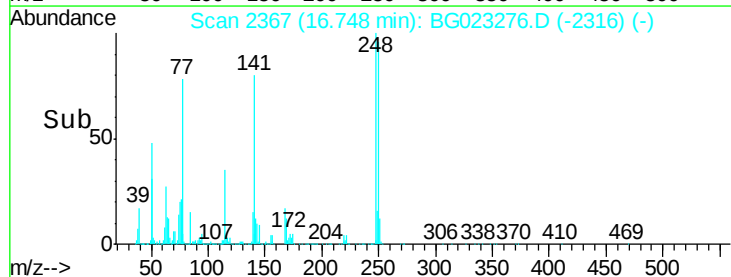
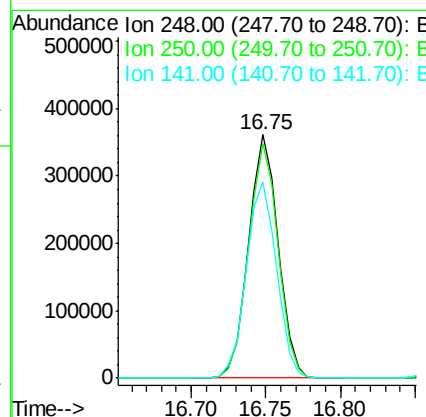
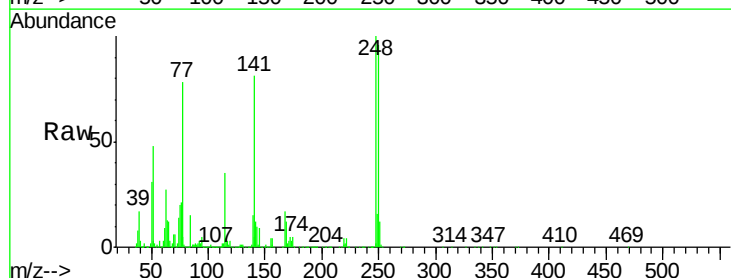
Manual Integrations

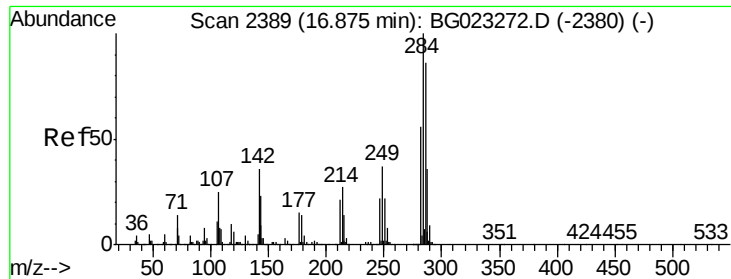
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#66
4-Bromophenyl-phenylether
Concen: 38.26 ng
RT: 16.75 min Scan# 2367
Delta R.T. 0.00 min
Lab File: BG023276.D
Acq: 26 Jul 2016 20:46

Tgt Ion	Ion	Ratio	Lower	Upper
248	100			
250	96.3	77.8	116.8	
141	80.6	65.7	98.5	





#67

Hexachlorobenzene

Concen: 36.95 ng

RT: 16.87 min Scan# 2388

Delta R.T. 0.00 min

Lab File: BG023276.D

Acq: 26 Jul 2016 20:46

Instrument :

BNA_G

ClientSampleId :

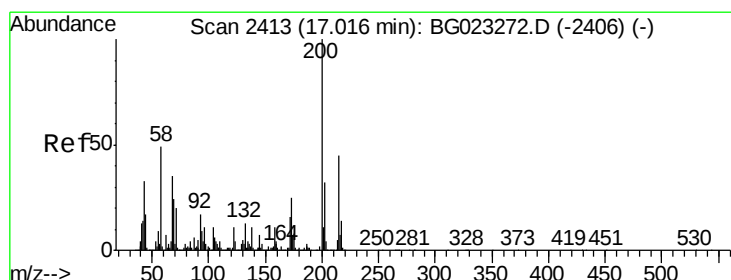
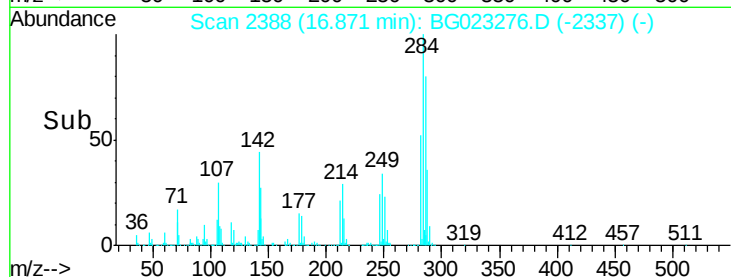
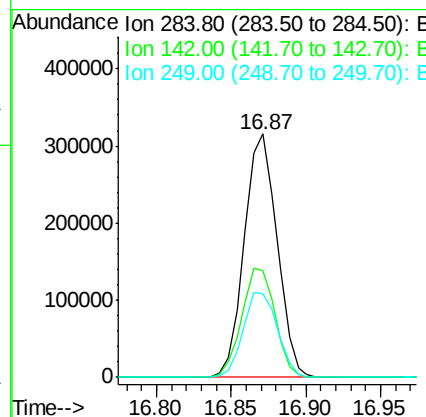
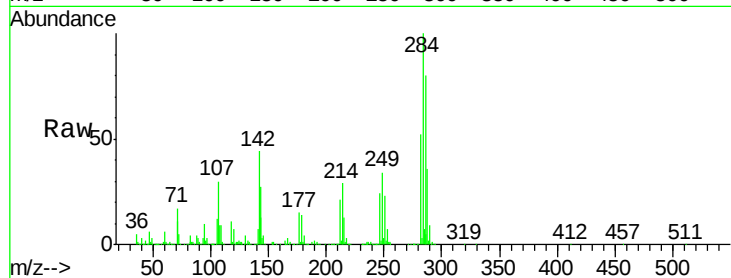
ICVBG072616

Tot Ion:	284	Resp:	479972
Ion Ratio	Lower	Upper	
284	100		
142	43.8	26.8	40.2#
249	34.4	28.9	43.3

Manual Integrations

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#68

Atrazine

Concen: 41.74 ng

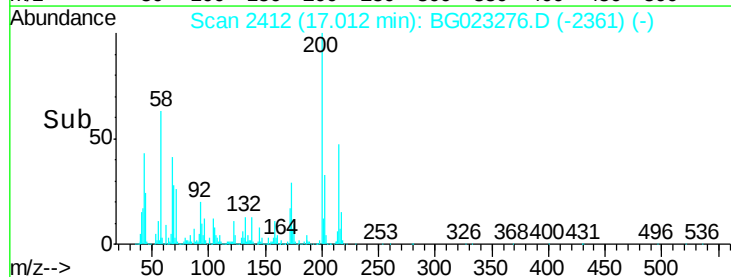
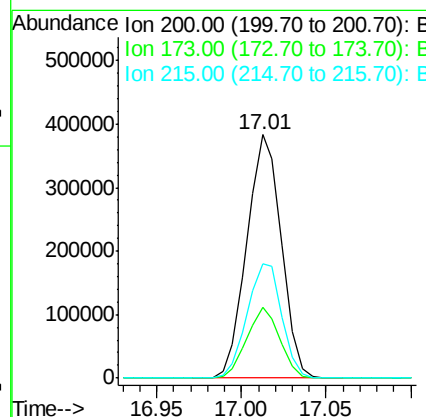
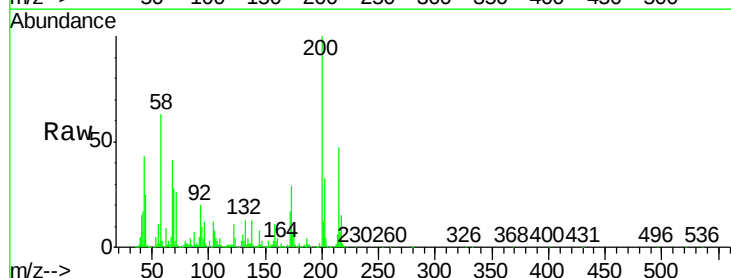
RT: 17.01 min Scan# 2412

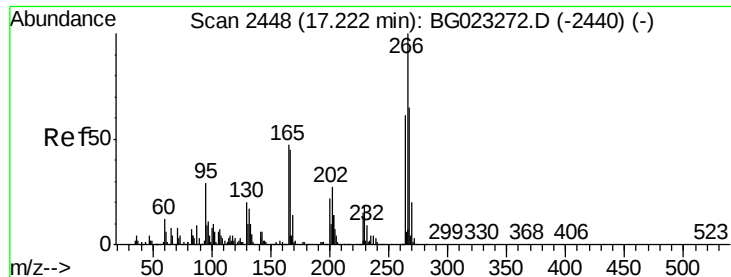
Delta R.T. 0.00 min

Lab File: BG023276.D

Acq: 26 Jul 2016 20:46

Tgt Ion:	200	Resp:	546066
Ion Ratio	Lower	Upper	
200	100		
173	29.3	1.6	41.6
215	47.0	28.7	68.7





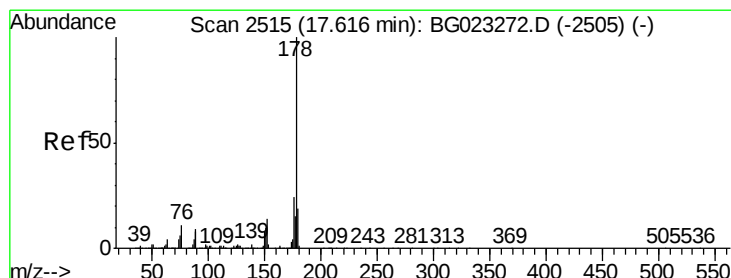
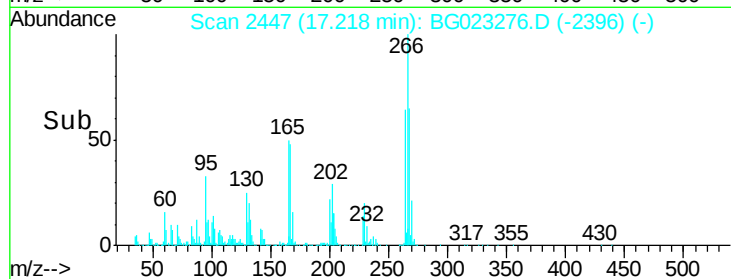
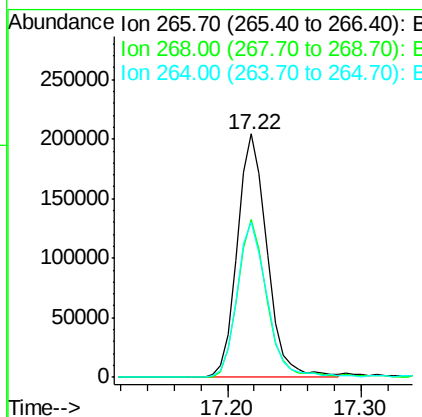
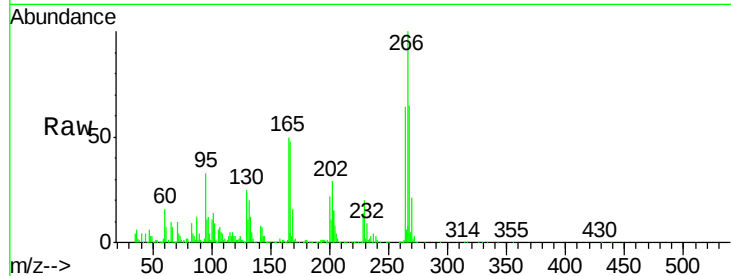
#69
 Pentachlorophenol
 Concen: 39.42 ng
 RT: 17.22 min Scan# 2447
 Delta R.T. -0.00 min
 Lab File: BG023276.D
 Acq: 26 Jul 2016 20:46

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG072616

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.9	51.9	77.9
264	63.8	50.6	75.8

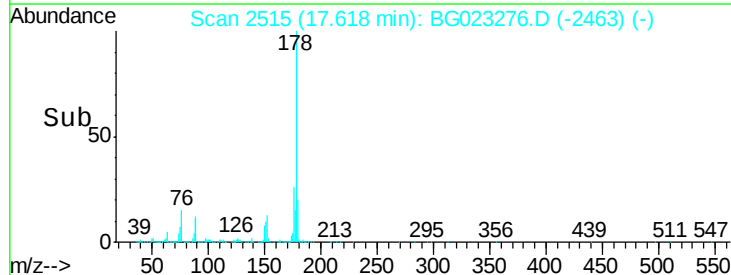
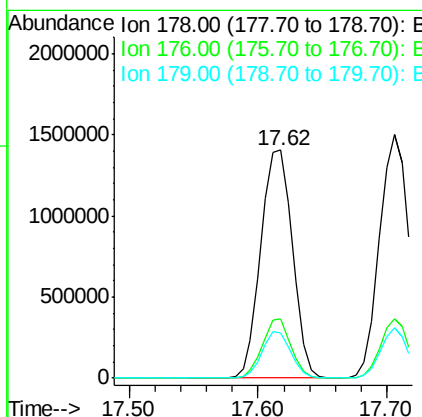
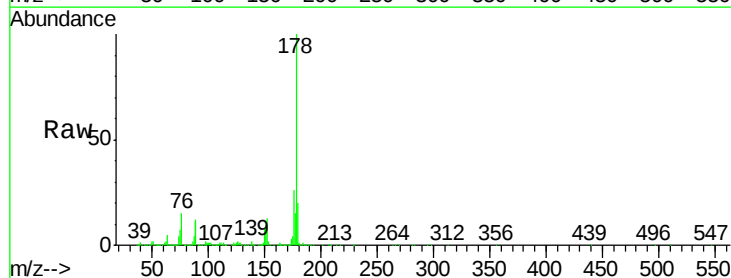
Manual Integrations

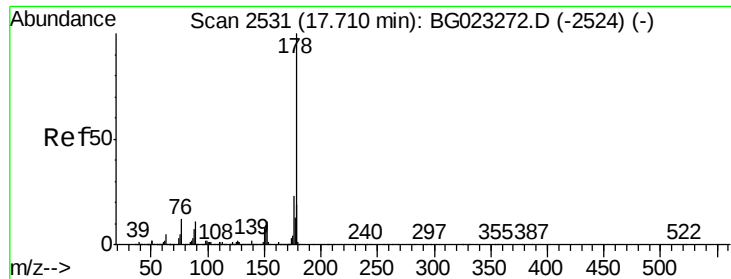
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#70
 Phenanthrene
 Concen: 42.74 ng m
 RT: 17.62 min Scan# 2515
 Delta R.T. 0.01 min
 Lab File: BG023276.D
 Acq: 26 Jul 2016 20:46

Tgt Ion	Ratio	Lower	Upper
178	100		
176	26.1	16.8	25.2#
179	19.8	14.3	21.5





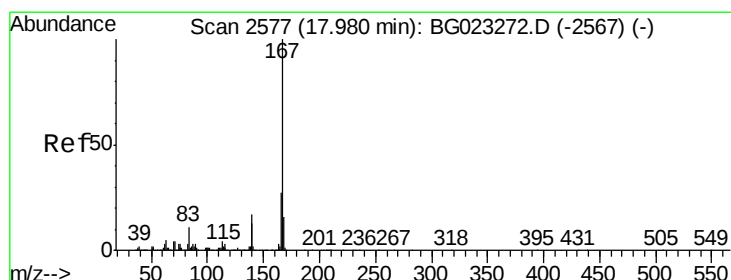
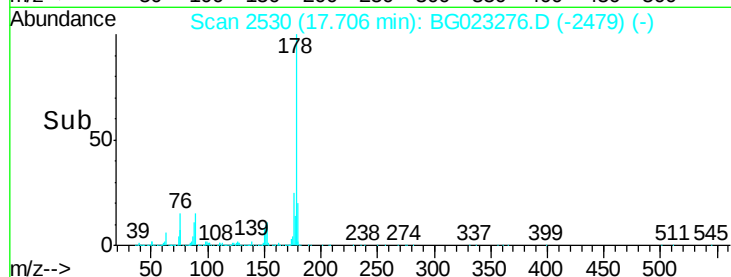
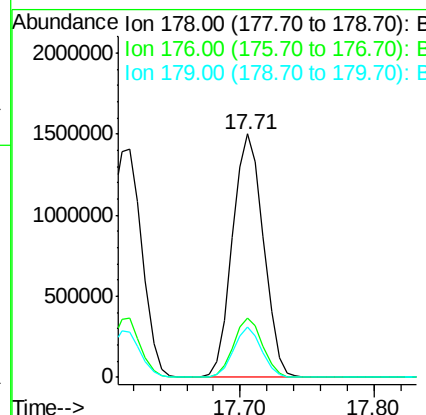
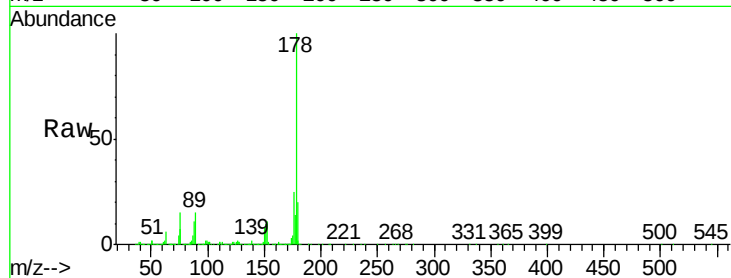
#71
 Anthracene
 Concen: 43.09 ng
 RT: 17.71 min Scan# 2530
 Delta R.T. 0.00 min
 Lab File: BG023276.D
 Acq: 26 Jul 2016 20:46

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG072616

Tot Ion:178 Resp: 2433358
 Ion Ratio Lower Upper
 178 100
 176 24.5 17.3 25.9
 179 20.5 14.0 21.0

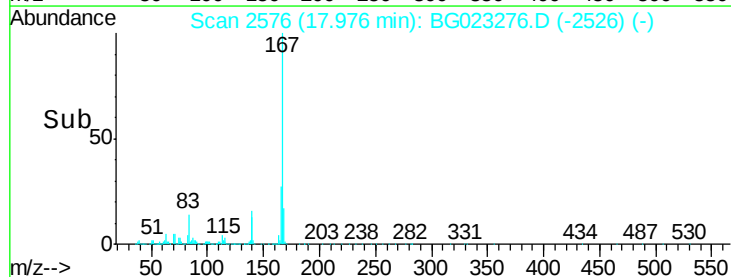
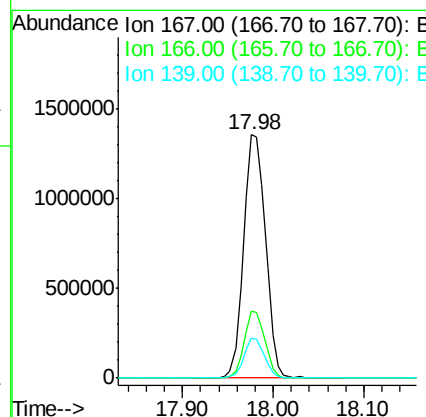
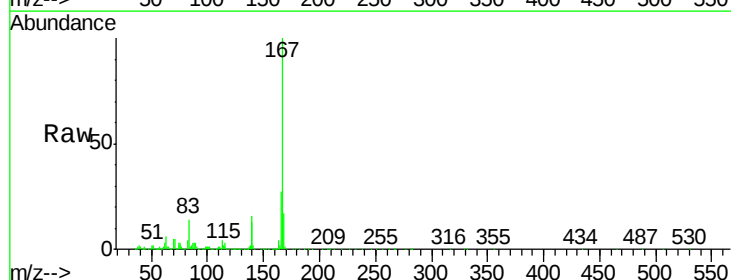
Manual Integrations

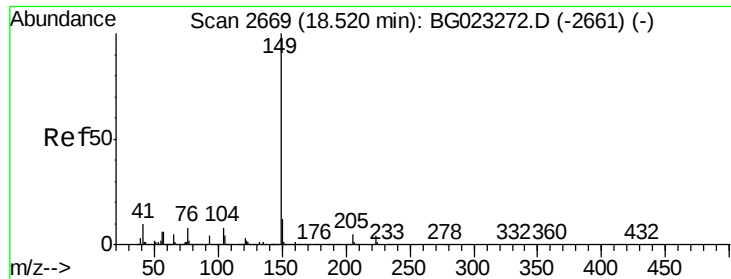
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#72
 Carbazole
 Concen: 44.17 ng
 RT: 17.98 min Scan# 2576
 Delta R.T. -0.01 min
 Lab File: BG023276.D
 Acq: 26 Jul 2016 20:46

Tgt Ion:167 Resp: 2284148
 Ion Ratio Lower Upper
 167 100
 166 27.3 20.7 31.1
 139 16.4 11.9 17.9





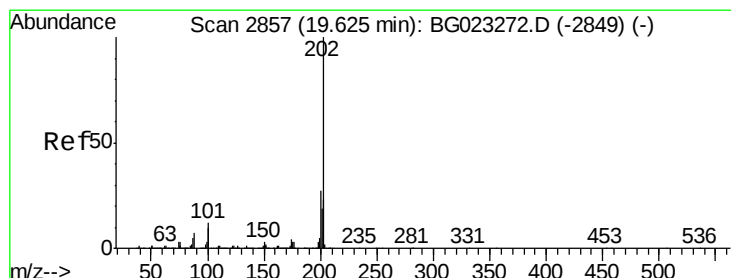
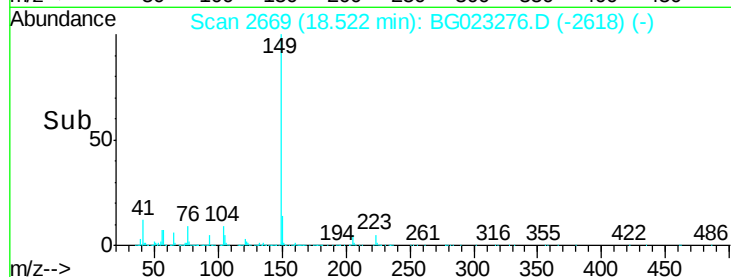
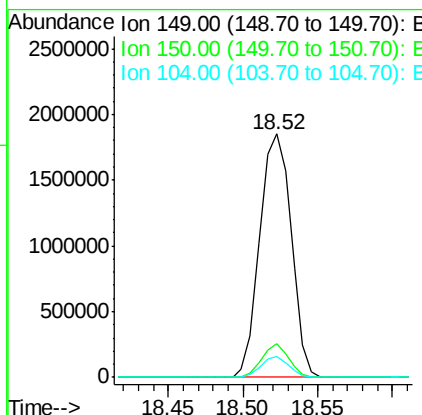
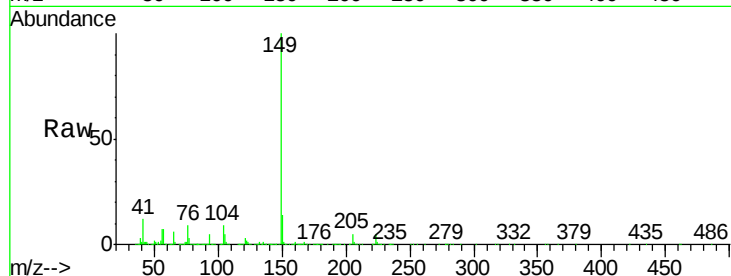
#73
Di-n-butylphthalate
Concen: 46.66 ng
RT: 18.52 min Scan# 2669
Delta R.T. 0.00 min
Lab File: BG023276.D
Acq: 26 Jul 2016 20:46

Instrument :
BNA_G
ClientSampleId :
ICVBG072616

Tot Ion:149 Resp: 2692298
Ion Ratio Lower Upper
149 100
150 13.6 9.1 13.7
104 8.6 6.9 10.3

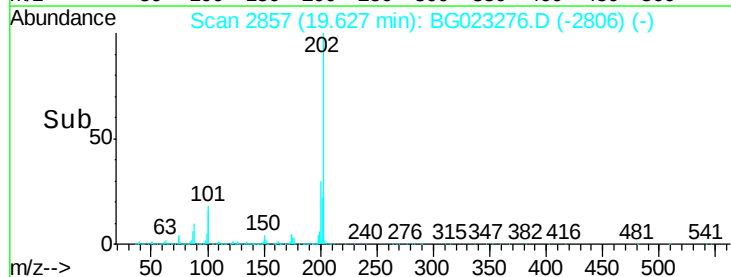
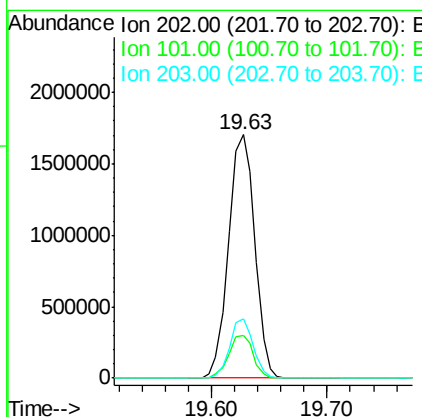
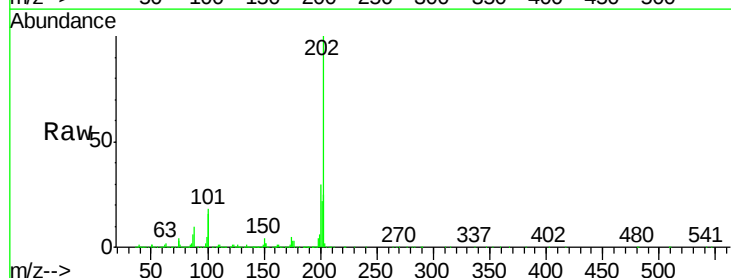
Manual Integrations

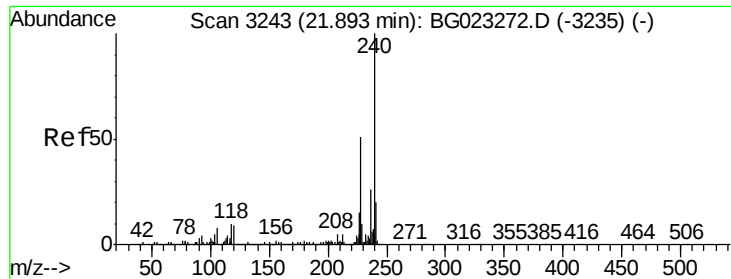
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#74
Fluoranthene
Concen: 42.00 ng
RT: 19.63 min Scan# 2857
Delta R.T. 0.00 min
Lab File: BG023276.D
Acq: 26 Jul 2016 20:46

Tgt Ion:202 Resp: 2678624
Ion Ratio Lower Upper
202 100
101 17.8 0.0 27.4
203 24.6 1.7 41.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.89 min Scan# 3243

Delta R.T. 0.01 min

Lab File: BG023276.D

Acq: 26 Jul 2016 20:46

Instrument :

BNA_G

ClientSampleId :

ICVBG072616

Tot Ion:240 Resp: 1235487

Ion Ratio Lower Upper

240 100

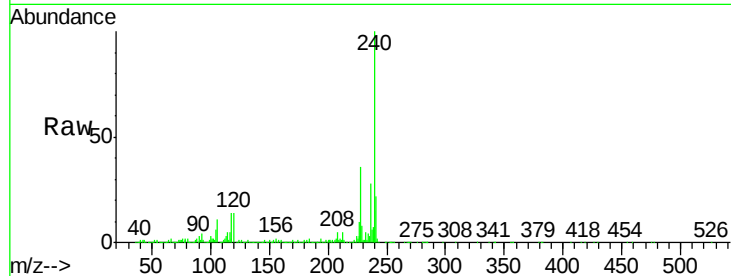
120 13.8 4.1 6.1#

236 28.0 21.1 31.7

Manual Integrations

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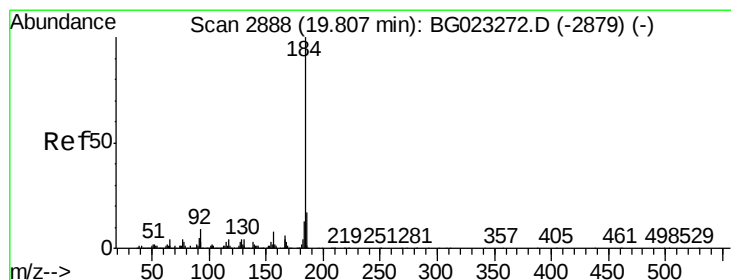
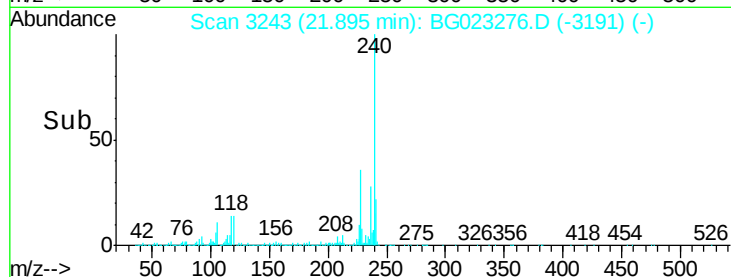
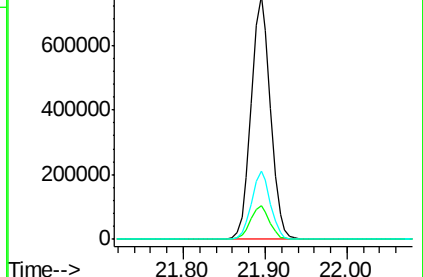
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 45.59 ng

RT: 19.81 min Scan# 2888

Delta R.T. 0.00 min

Lab File: BG023276.D

Acq: 26 Jul 2016 20:46

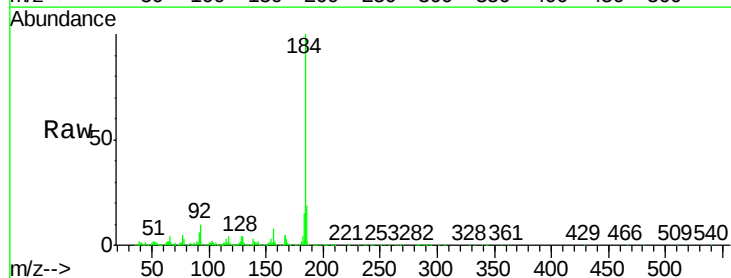
Tgt Ion:184 Resp: 1584129

Ion Ratio Lower Upper

184 100

185 18.6 12.6 19.0

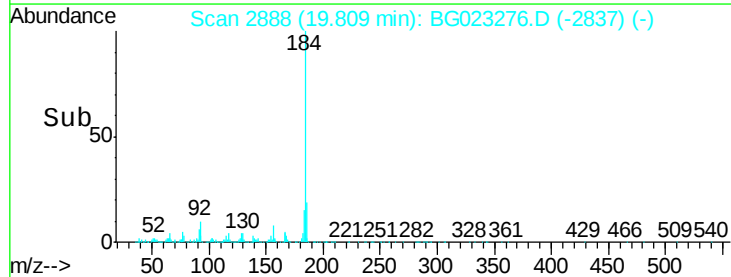
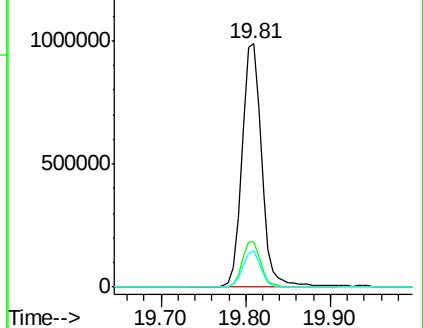
183 14.9 10.7 16.1

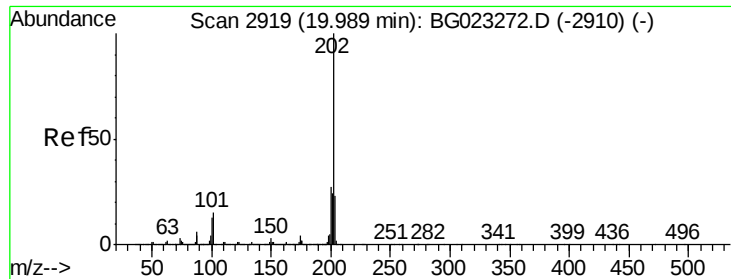


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 39.04 ng

RT: 19.99 min Scan# 2919

Delta R.T. 0.00 min

Lab File: BG023276.D

Acq: 26 Jul 2016 20:46

Instrument :

BNA_G

ClientSampleId :

ICVBG072616

Tot Ion:202 Resp: 2737152

Ion Ratio Lower Upper

202 100

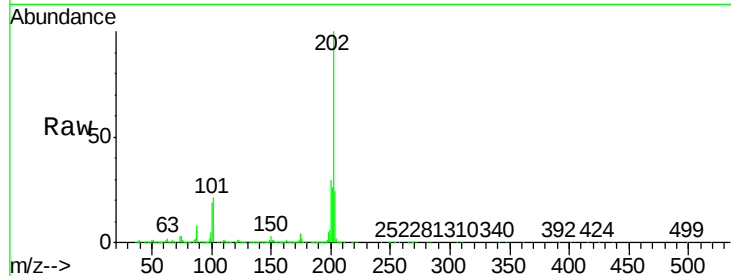
200 30.0 21.2 31.8

203 24.4 16.8 25.2

Manual Integrations

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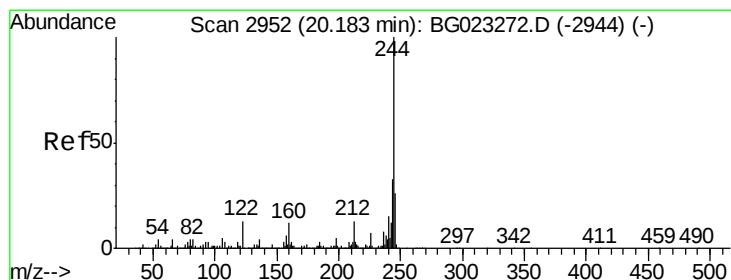
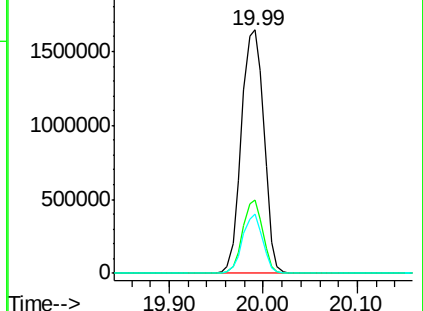
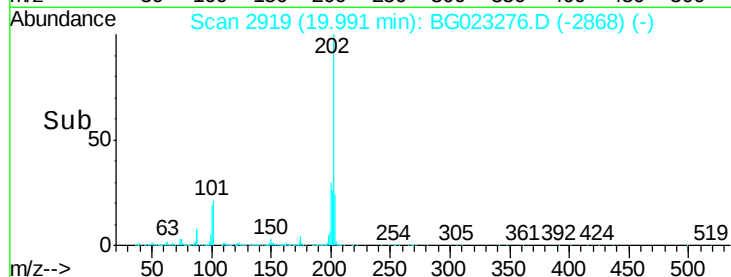
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 76.02 ng

RT: 20.18 min Scan# 2951

Delta R.T. 0.00 min

Lab File: BG023276.D

Acq: 26 Jul 2016 20:46

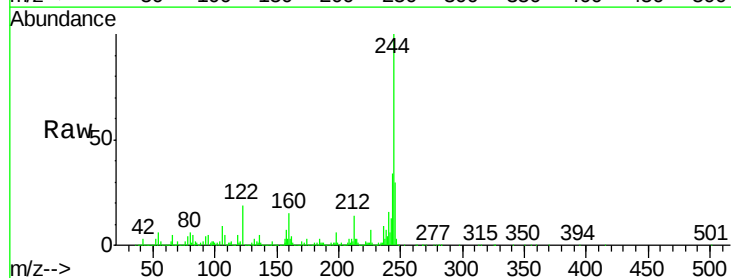
Tgt Ion:244 Resp: 2889095

Ion Ratio Lower Upper

244 100

212 14.3 10.8 16.2

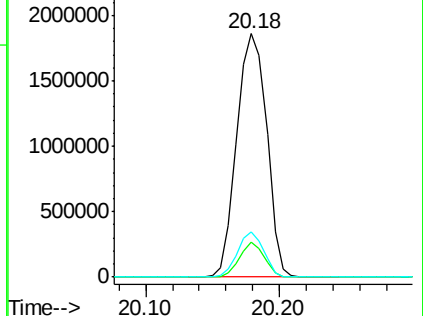
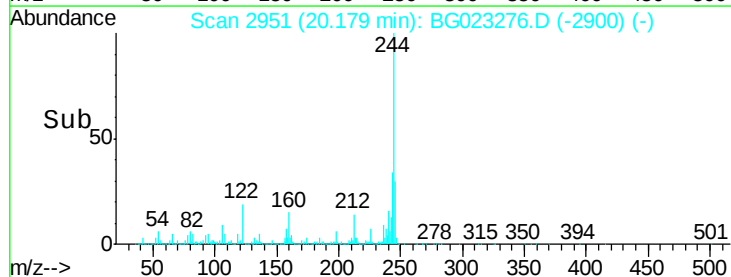
122 18.8 8.0 12.0#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





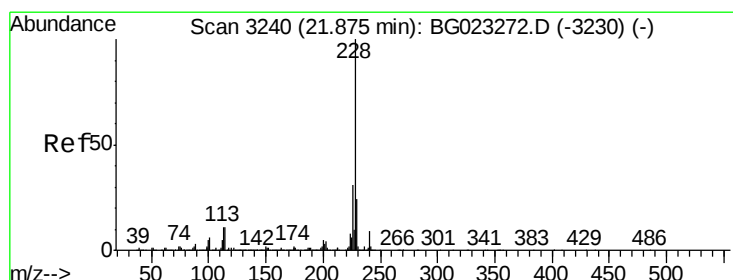
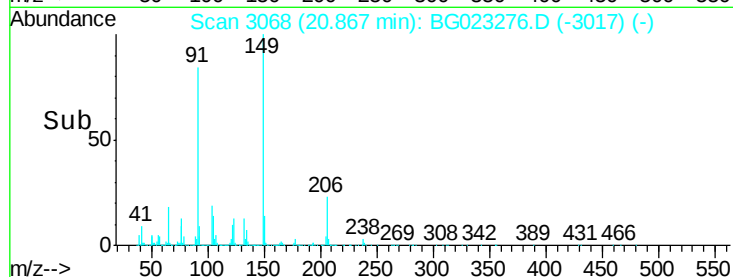
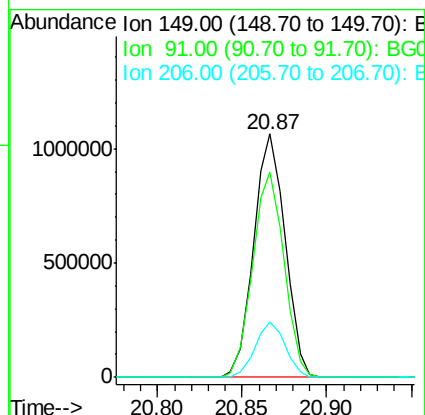
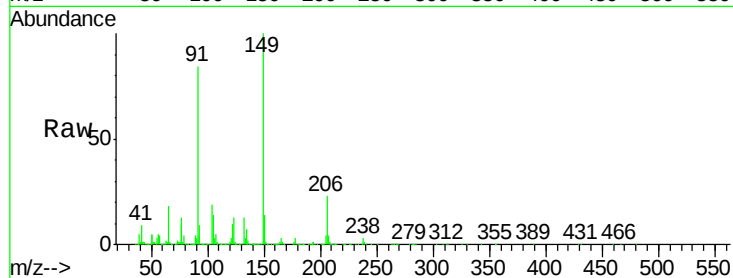
#79
Butylbenzylphthalate
Concen: 44.72 ng
RT: 20.87 min Scan# 3068
Delta R.T. 0.00 min
Lab File: BG023276.D
Acq: 26 Jul 2016 20:46

Instrument :
BNA_G
ClientSampleId :
ICVBG072616

Tot Ion:149 Resp: 1379487
Ion Ratio Lower Upper
149 100
91 84.0 68.1 102.1
206 22.6 19.8 29.6

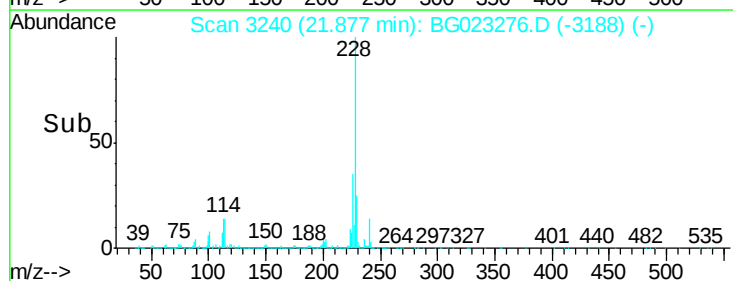
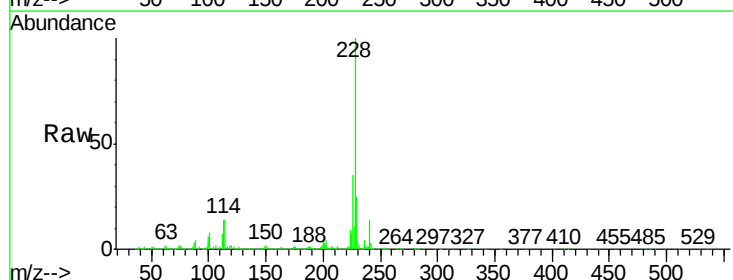
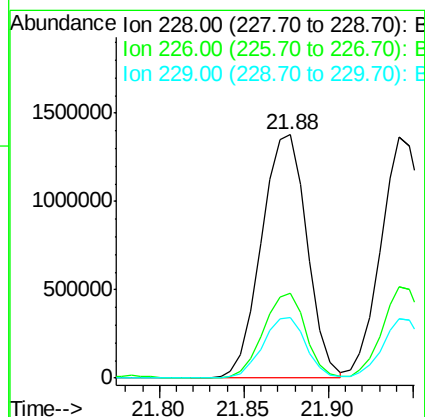
Manual Integrations

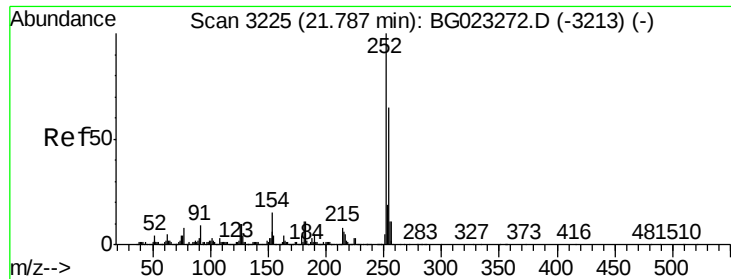
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#80
Benzo(a)anthracene
Concen: 39.90 ng
RT: 21.88 min Scan# 3240
Delta R.T. 0.01 min
Lab File: BG023276.D
Acq: 26 Jul 2016 20:46

Tgt Ion:228 Resp: 2580545
Ion Ratio Lower Upper
228 100
226 34.9 25.3 37.9
229 24.7 19.9 29.9





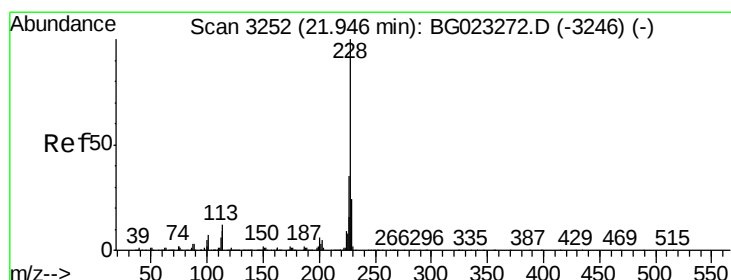
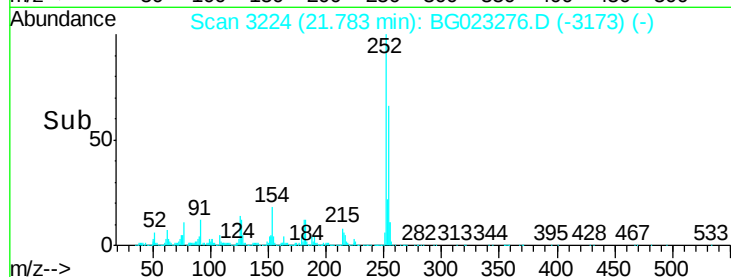
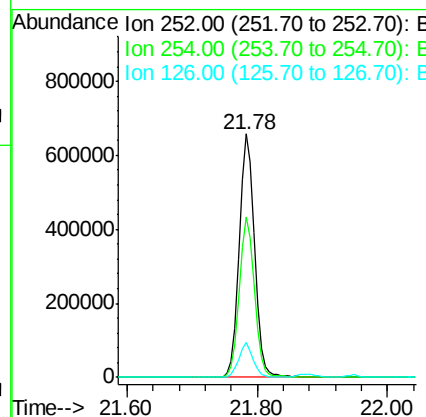
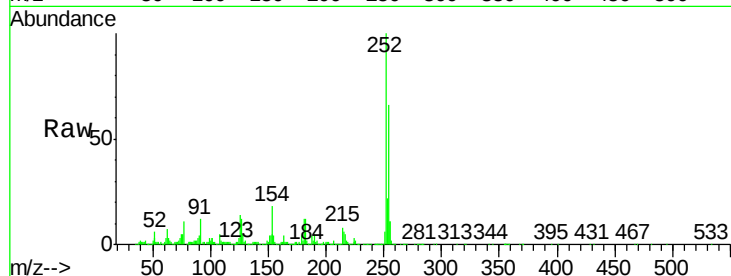
#81
 3,3'-Dichlorobenzidine
 Concen: 40.99 ng
 RT: 21.78 min Scan# 3224
 Delta R.T. 0.00 min
 Lab File: BG023276.D
 Acq: 26 Jul 2016 20:46

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG072616

Tot Ion:252 Resp: 1075076
 Ion Ratio Lower Upper
 252 100
 254 65.8 51.2 76.8
 126 14.3 5.3 7.9#

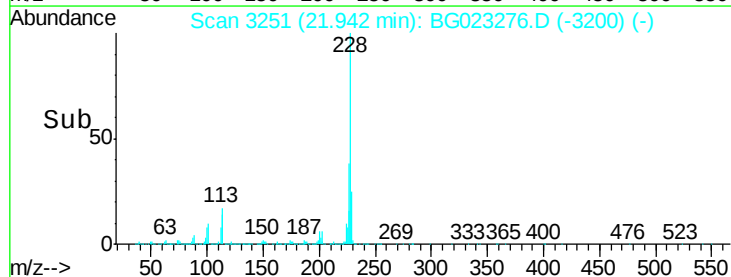
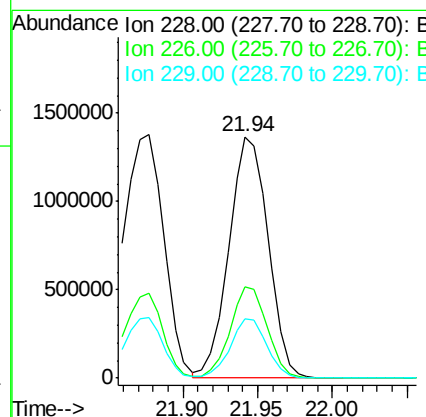
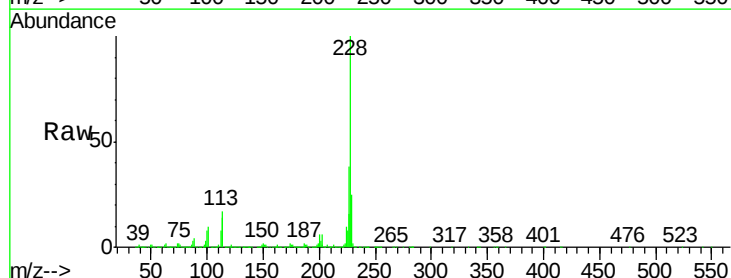
Manual Integrations

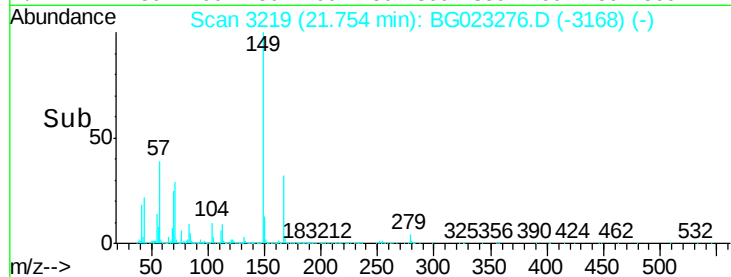
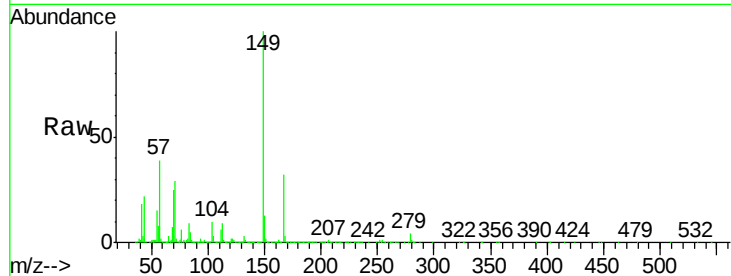
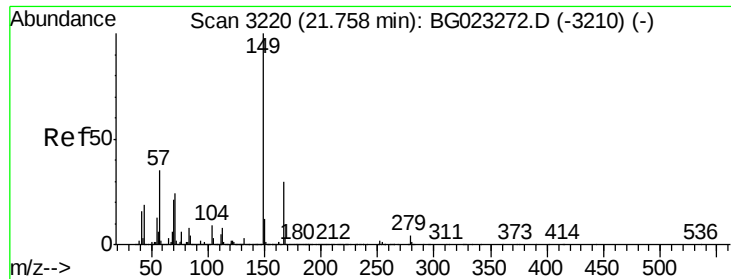
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#82
 Chrysene
 Concen: 39.93 ng
 RT: 21.94 min Scan# 3251
 Delta R.T. 0.00 min
 Lab File: BG023276.D
 Acq: 26 Jul 2016 20:46

Tgt Ion:228 Resp: 2495342
 Ion Ratio Lower Upper
 228 100
 226 38.0 26.7 40.1
 229 24.6 17.4 26.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.47 ng

RT: 21.75 min Scan# 3219

Delta R.T. 0.00 min

Lab File: BG023276.D

Acq: 26 Jul 2016 20:46

Instrument :

BNA_G

ClientSampleId :

ICVBG072616

Tot Ion:149 Resp: 1876226

Ion	Ratio	Lower	Upper
149	100		
167	32.4	24.0	36.0
279	4.1	4.8	7.2

149 100

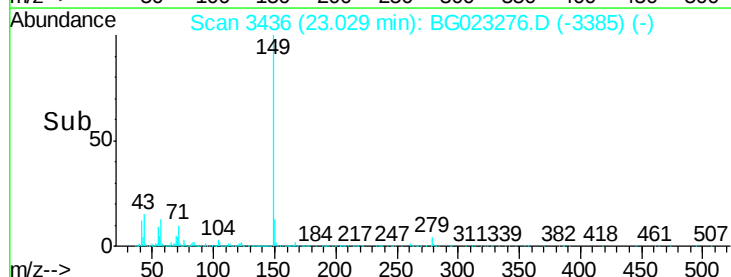
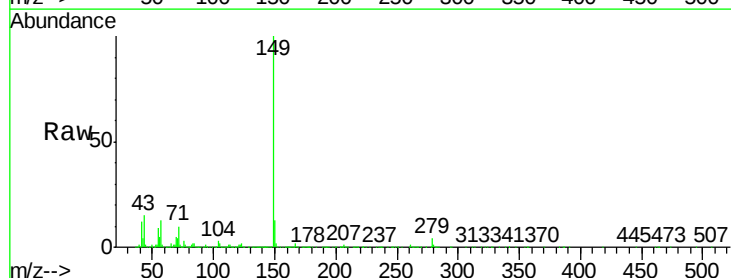
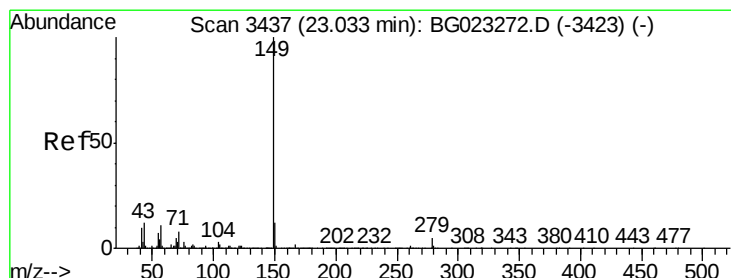
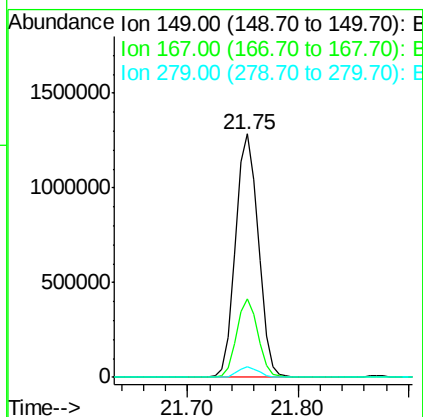
167 32.4 24.0 36.0

279 4.1 4.8 7.2#

Manual Integrations

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#84

Di-n-octyl phthalate

Concen: 43.42 ng

RT: 23.03 min Scan# 3436

Delta R.T. 0.00 min

Lab File: BG023276.D

Acq: 26 Jul 2016 20:46

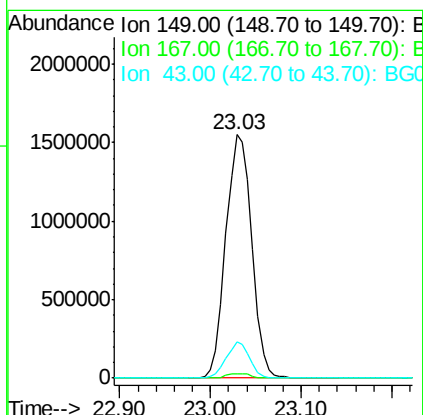
Tgt Ion:149 Resp: 3065847

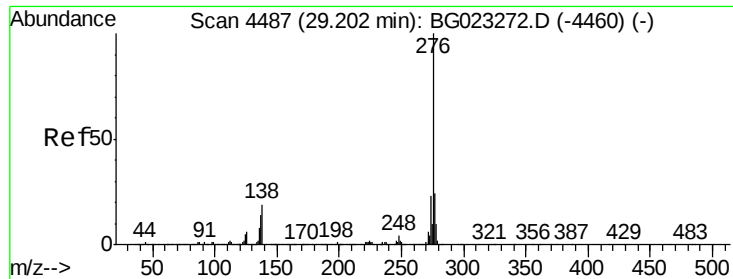
Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.5	2.3
43	13.4	8.8	13.2

149 100

167 1.8 1.5 2.3

43 13.4 8.8 13.2#





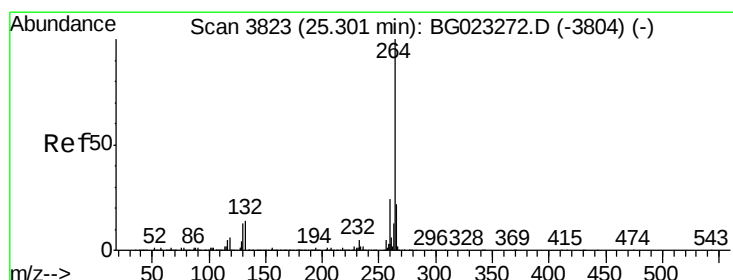
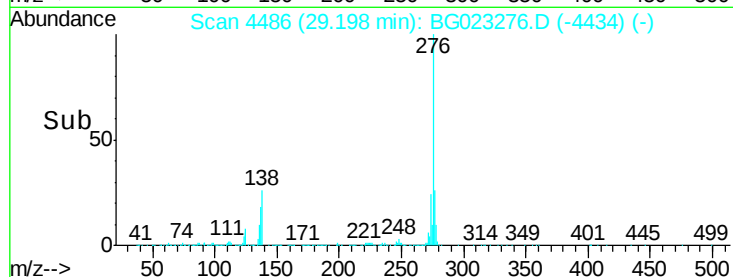
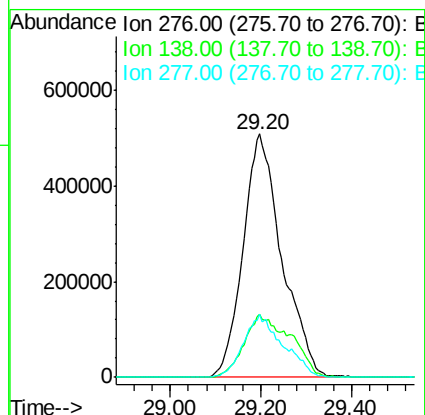
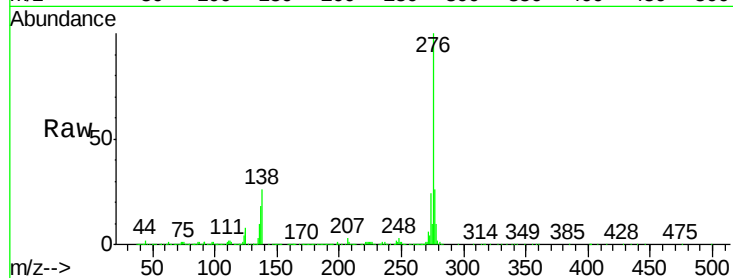
#85
Indeno(1,2,3-cd)pyrene
Concen: 41.37 ng
RT: 29.20 min Scan# 4486
Delta R.T. 0.01 min
Lab File: BG023276.D
Acq: 26 Jul 2016 20:46

Instrument :
BNA_G
ClientSampleId :
ICVBG072616

Tot Ion:276 Resp: 3015630
Ion Ratio Lower Upper
276 100
138 31.0 0.0 0.0#
277 26.3 0.0 0.0#

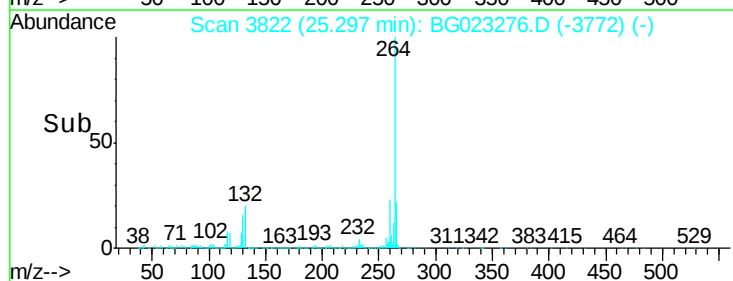
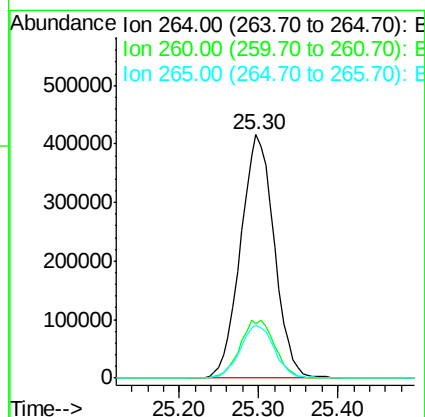
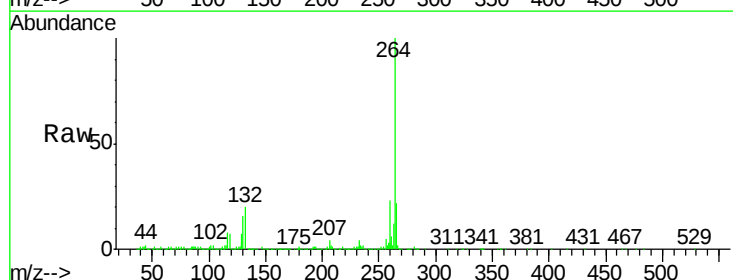
Manual Integrations

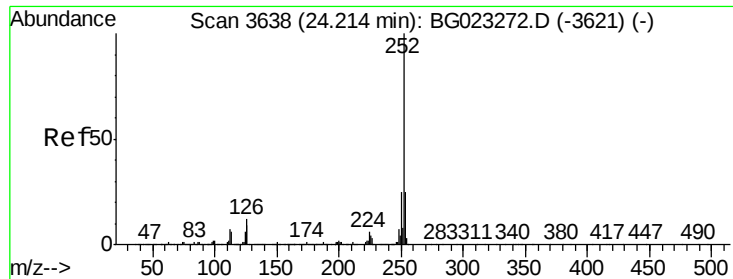
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#86
Perylene-d12
Concen: 20.00 ng
RT: 25.30 min Scan# 3822
Delta R.T. -0.01 min
Lab File: BG023276.D
Acq: 26 Jul 2016 20:46

Tgt Ion:264 Resp: 1224891
Ion Ratio Lower Upper
264 100
260 22.5 18.4 27.6
265 21.7 18.9 28.3





#87

Benzo(b)fluoranthene

Concen: 41.45 ng

RT: 24.22 min Scan# 3638

Delta R.T. 0.01 min

Lab File: BG023276.D

Acq: 26 Jul 2016 20:46

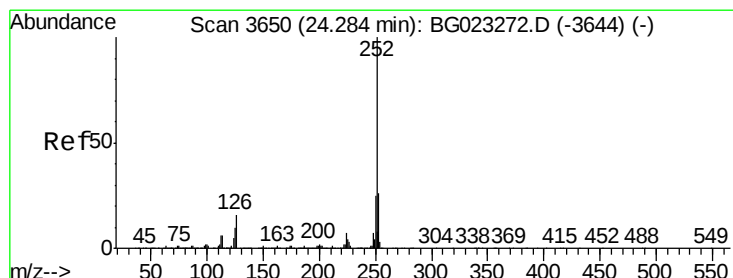
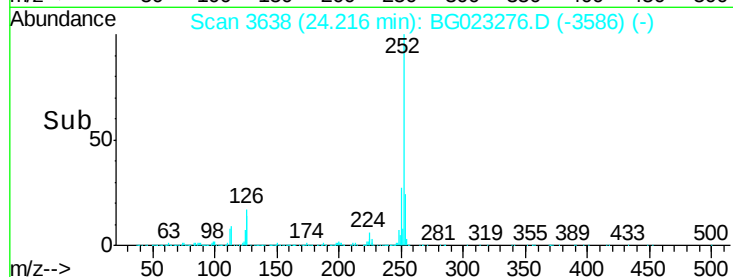
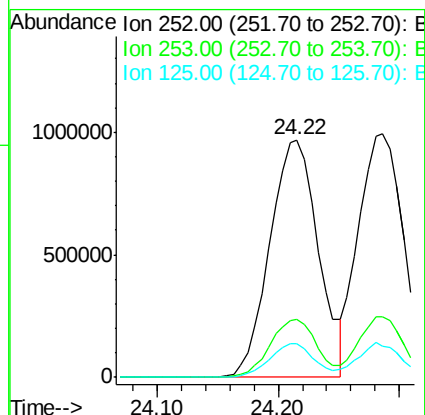
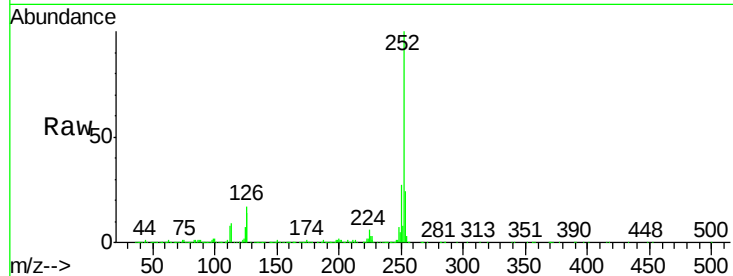
Instrument :
BNA_G
ClientSampleId :
ICVBG072616

Tot Ion:252 Resp: 2697368

Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.9	28.3
125	14.1	3.9	5.9#

Manual Integrations

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#88

Benzo(k)fluoranthene

Concen: 39.62 ng

RT: 24.29 min Scan# 3650

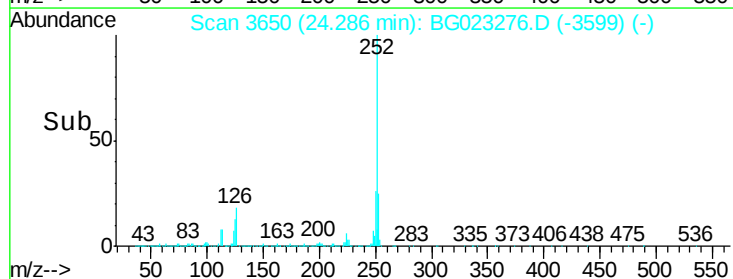
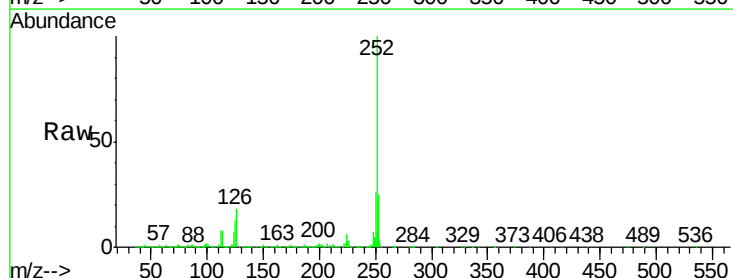
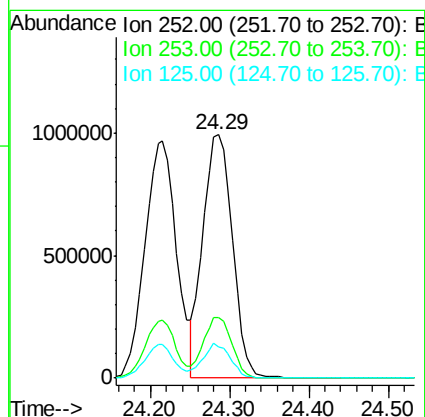
Delta R.T. 0.00 min

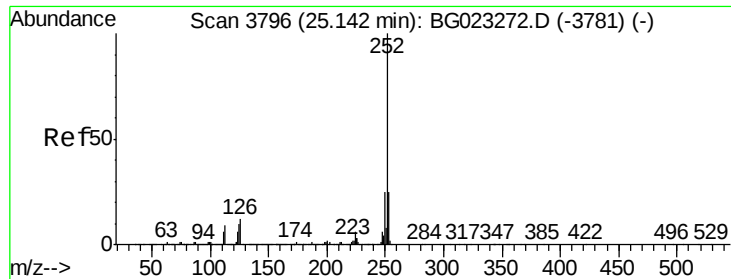
Lab File: BG023276.D

Acq: 26 Jul 2016 20:46

Tgt Ion:252 Resp: 2577483

Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.8	28.2
125	12.9	3.2	4.8#





#89

Benzo(a)pyrene

Concen: 40.55 ng

RT: 25.14 min Scan# 3795

Delta R.T. 0.01 min

Lab File: BG023276.D

Acq: 26 Jul 2016 20:46

Instrument :

BNA_G

ClientSampleId :

ICVBG072616

Tot Ion:252 Resp: 2585945

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.7	28.1
125	14.7	3.9	5.9

252 100

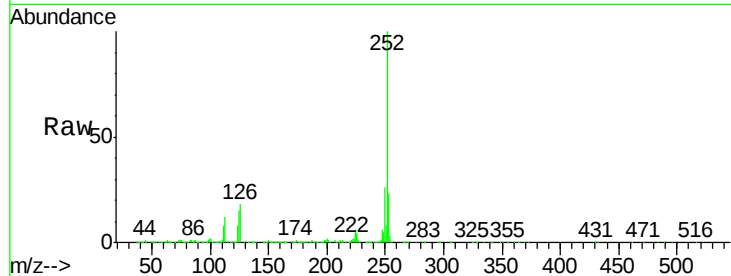
253 23.3 18.7 28.1

125 14.7 3.9 5.9

Manual Integrations

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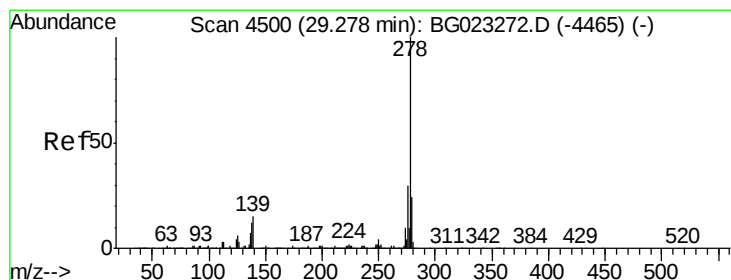
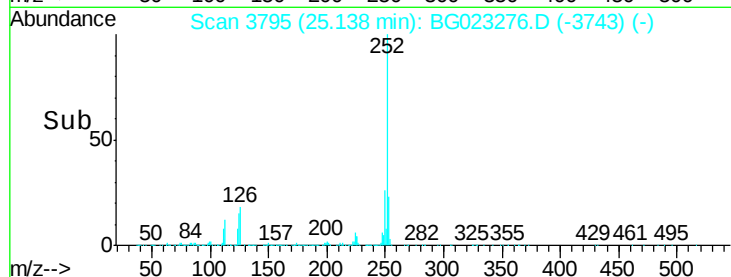
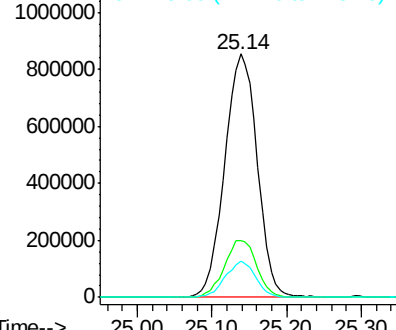
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 40.74 ng

RT: 29.27 min Scan# 4498

Delta R.T. 0.01 min

Lab File: BG023276.D

Acq: 26 Jul 2016 20:46

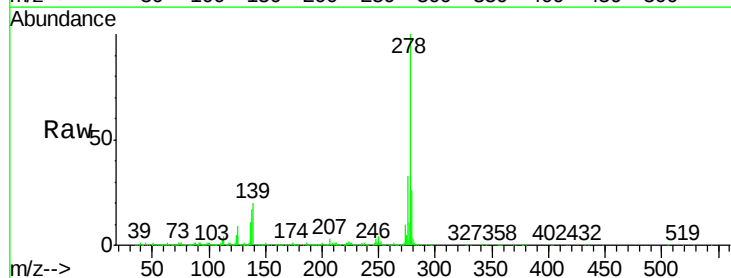
Tgt Ion:278 Resp: 2457597

Ion	Ratio	Lower	Upper
278	100		
139	20.2	4.7	7.1
279	25.8	18.3	27.5

278 100

139 20.2 4.7 7.1

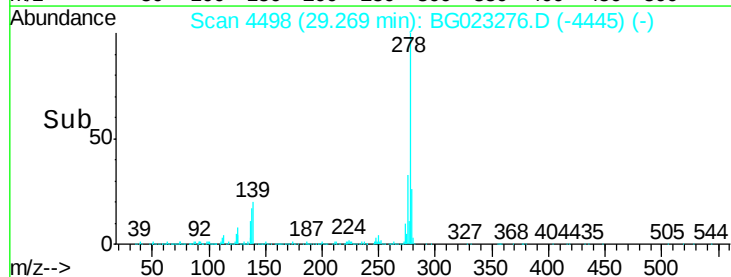
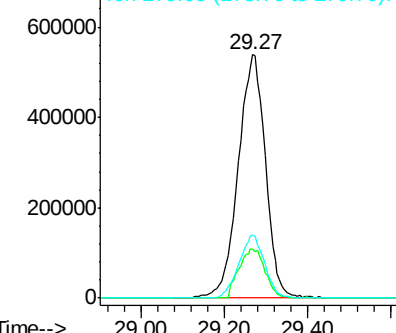
279 25.8 18.3 27.5

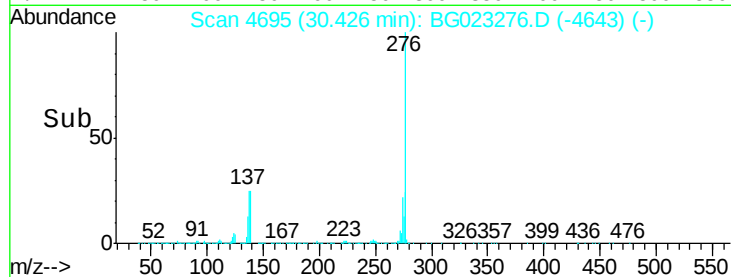
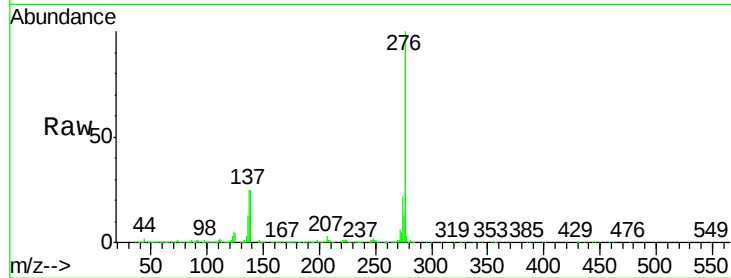
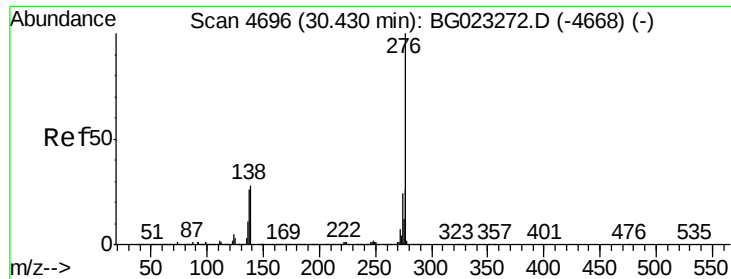


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 39.18 ng
 RT: 30.43 min Scan# 4695
 Delta R.T. 0.01 min
 Lab File: BG023276.D
 Acq: 26 Jul 2016 20:46

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG072616

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.6	27.8
138	25.5	6.8	10.2

Manual Integrations

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