

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071416\
 Data File : BG023103.D
 Acq On : 14 Jul 2016 16:11
 Operator : UM/SJ
 Sample : H3995-28MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LSS-MW-SB22(20)MSD

Manual Integrations

APPROVED
 Sohil
 7/15/2016 9:14:20 AM

Quant Time: Jul 14 19:06:48 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 18:30:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	129957	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	633434	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	482330	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	1107698	20.00	ng	0.00
75) Chrysene-d12	21.86	240	1172493	20.00	ng	0.01
86) Perylene-d12	25.25	264	1208407	20.00	ng	0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	613344	77.19	ng	0.00
7) Phenol-d6	7.31	99	738919	59.37	ng	0.00
23) Nitrobenzene-d5	9.33	82	1273340	86.08	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	916046	105.67	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2472935	80.76	ng	0.00
78) Terphenyl-d14	20.16	244	3019819	79.82	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.57	88	52390	16.96	ng	96
3) Pyridine	3.97	79	236021	22.33	ng	# 92
4) n-Nitrosodimethylamine	3.88	42	123271	27.19	ng	# 97
6) Aniline	7.47	93	345203	20.01	ng	98
8) 2-Chlorophenol	7.72	128	258013	30.51	ng	97
9) Benzaldehyde	7.28	77	119536	14.37	ng	93
10) Phenol	7.34	94	416444	32.52	ng	91
11) bis(2-Chloroethyl)ether	7.57	93	265445	26.15	ng	95
12) 1,3-Dichlorobenzene	8.04	146	255125	24.65	ng	95
13) 1,4-Dichlorobenzene	8.19	146	262311	25.31	ng	95
14) 1,2-Dichlorobenzene	8.51	146	254267	24.68	ng	99
15) Benzyl Alcohol	8.40	79	353543	31.02	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.68	45	337689	27.24	ng	92
17) 2-Methylphenol	8.60	107	265770	31.88	ng	90
18) Hexachloroethane	9.25	117	104533	23.90	ng	# 84
19) n-Nitroso-di-n-propylamine	8.96	70	296447	26.42	ng	92
20) 3+4-Methylphenols	8.93	107	379105	32.61	ng	95
22) Acetophenone	8.98	105	468151	24.63	ng	# 94
24) Nitrobenzene	9.37	77	432909	27.54	ng	95
25) Isophorone	9.89	82	772493	25.96	ng	99
26) 2-Nitrophenol	10.09	139	164980	26.75	ng	89
27) 2,4-Dimethylphenol	10.14	122	296133	27.77	ng	94
28) bis(2-Chloroethoxy)methane	10.38	93	433963	26.15	ng	97
29) 2,4-Dichlorophenol	10.63	162	323723	28.47	ng	99
30) 1,2,4-Trichlorobenzene	10.84	180	320807	24.62	ng	97
31) Naphthalene	11.03	128	828947	25.71	ng	99
32) Benzoic acid	10.28	122	192761	19.87	ng	95
33) 4-Chloroaniline	11.15	127	186954	11.86	ng	97
34) Hexachlorobutadiene	11.31	225	242851	22.99	ng	93
35) Caprolactam	11.93	113	114044	24.38	ng	90
36) 4-Chloro-3-methylphenol	12.26	107	413684	26.60	ng	99
37) 2-Methylnaphthalene	12.63	142	671386	26.34	ng	96
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	435335	20.94	ng	99
40) Hexachlorocyclopentadiene	12.97	237	525051	43.88	ng	99

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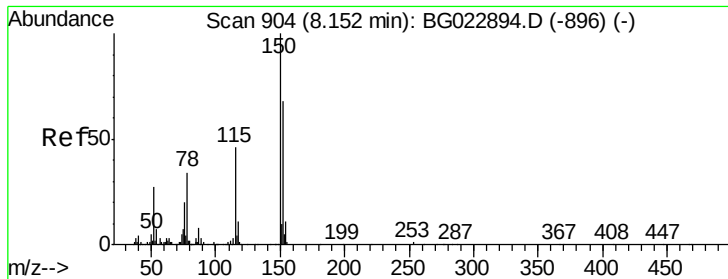
Manual Integrations

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 7/15/2016 9:14:20 AM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.24	196	321174	26.88	nq	97
43) 2,4,5-Trichlorophenol	13.31	196	331306	27.00	nq	96
45) 1,1'-Biphenyl	13.63	154	962826	26.60	nq	99
46) 2-Chloronaphthalene	13.68	162	780326	26.58	nq	97
47) 2-Nitroaniline	13.88	65	345766	27.60	nq	96
48) Acenaphthylene	14.52	152	1160196	26.35	nq	99
49) Dimethylphthalate	14.25	163	1092990	27.74	nq	98
50) 2,6-Dinitrotoluene	14.38	165	241116	27.23	nq	# 84
51) Acenaphthene	14.87	154	768327	26.70	nq	96
52) 3-Nitroaniline	14.71	138	124680	14.12	nq	90
53) 2,4-Dinitrophenol	14.91	184	297125	48.90	nq	94
54) Dibenzofuran	15.20	168	1236468	28.71	nq	98
55) 4-Nitrophenol	15.02	139	385278	52.06	nq	95
56) 2,4-Dinitrotoluene	15.16	165	347506	26.92	nq	# 97
57) Fluorene	15.85	166	986781	26.62	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.43	232	339097m	27.63	nq	
59) Diethylphthalate	15.60	149	1082157	26.99	nq	98
60) 4-Chlorophenyl-phenylether	15.83	204	559751	24.79	nq	99
61) 4-Nitroaniline	15.87	138	225228	23.57	nq	# 82
62) Azobenzene	16.13	77	1202795	31.37	nq	93
64) 4,6-Dinitro-2-methylphenol	15.93	198	216626	26.31	nq	94
65) n-Nitrosodiphenylamine	16.06	169	920209	28.83	nq	97
66) 4-Bromophenyl-phenylether	16.73	248	366847	25.45	nq	93
67) Hexachlorobenzene	16.86	284	387222	24.71	nq	96
68) Atrazine	17.00	200	364677	25.76	nq	99
69) Pentachlorophenol	17.20	266	520113	51.25	nq	97
70) Phenanthrene	17.60	178	1541343	28.39	nq	98
71) Anthracene	17.69	178	1577231	28.69	nq	100
72) Carbazole	17.96	167	1363929	28.72	nq	98
73) Di-n-butylphthalate	18.50	149	1650739	31.25	nq	99
74) Fluoranthene	19.61	202	1793746	26.93	nq	97
76) Benzidine	19.79	184	247710	7.37	nq	100
77) Pyrene	19.97	202	1813007	27.52	nq	97
79) Butylbenzylphthalate	20.84	149	815588	31.25	nq	96
80) Benzo(a)anthracene	21.84	228	1898993	28.95	nq	96
81) 3,3'-Dichlorobenzidine	21.75	252	384750	13.36	nq	98
82) Chrysene	21.91	228	1751256	28.46	nq	99
83) Bis(2-ethylhexyl)phthalate	21.72	149	1115440	30.78	nq	99
84) Di-n-octyl phthalate	22.98	149	1862195	30.81	nq	99
85) Indeno(1,2,3-cd)pyrene	29.11	276	2112809	26.93	nq	# 100
87) Benzo(b)fluoranthene	24.17	252	1970095	28.26	nq	99
88) Benzo(k)fluoranthene	24.24	252	1860733	28.12	nq	# 98
89) Benzo(a)pyrene	25.09	252	1919624	28.72	nq	# 97
90) Dibenzo(a,h)anthracene	29.17	278	1745661	26.32	nq	# 96
91) Benzo(g,h,i)perylene	30.31	276	1715705	25.83	nq	97

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



#1

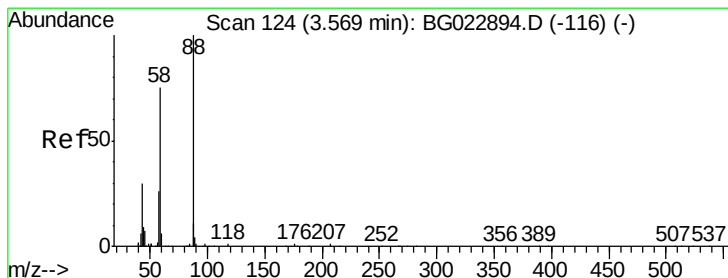
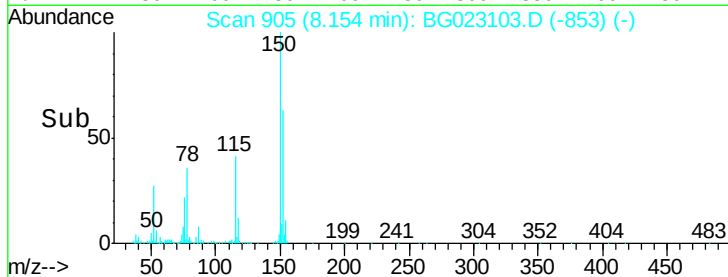
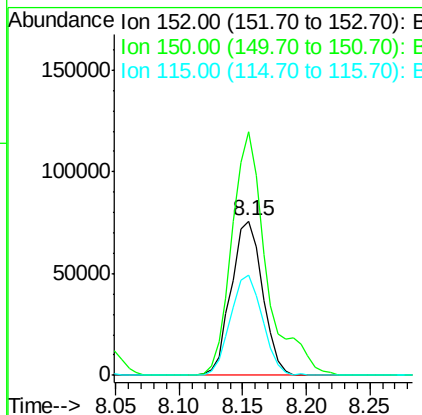
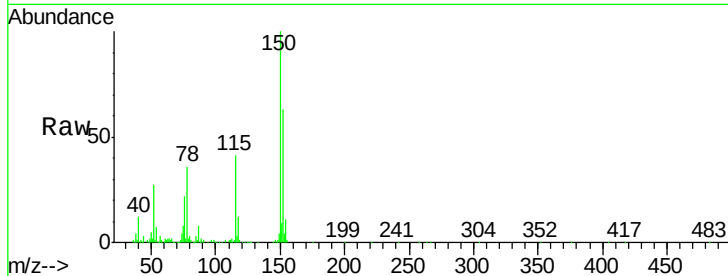
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 905
Delta R.T. 0.00 min
Lab File: BG023103.D
Acq: 14 Jul 2016 16:11

Instrument :
BNA_G
ClientSampleId :
LSS-MW-SB22(20)MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	144.7	217.1
115	64.6	64.0	96.0

Manual Integrations

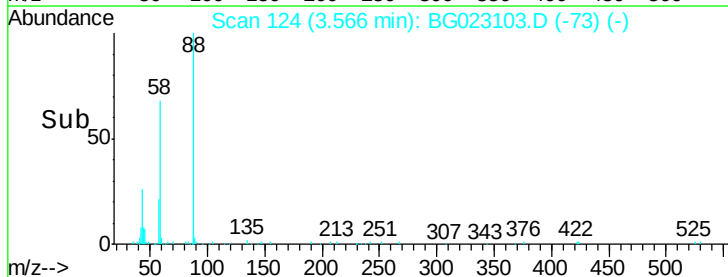
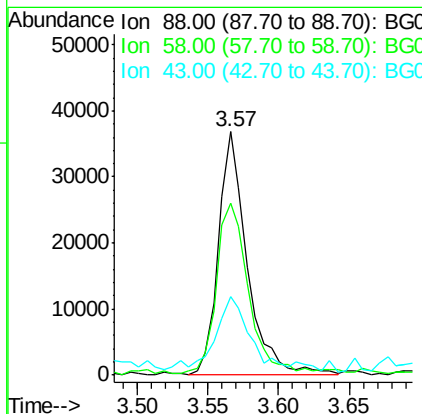
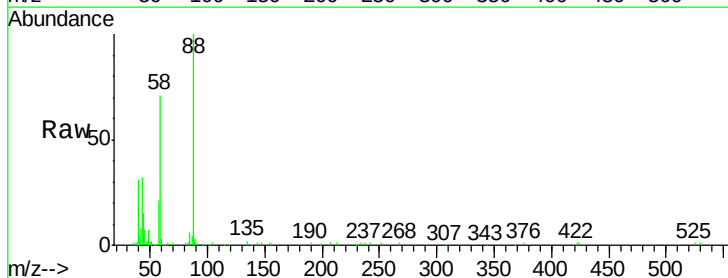
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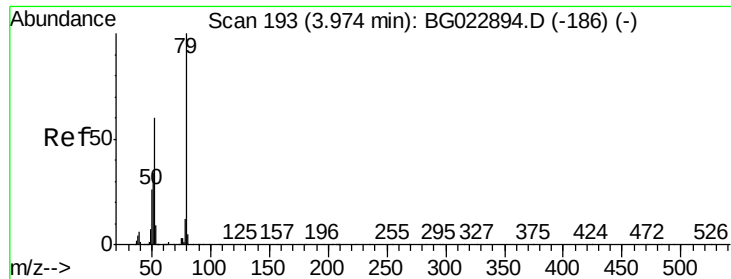


#2

1,4-Dioxane
Concen: 16.96 ng
RT: 3.57 min Scan# 124
Delta R.T. -0.00 min
Lab File: BG023103.D
Acq: 14 Jul 2016 16:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.8	60.4	90.6
43	33.9	31.1	46.7





#3

Pvridine

Concen: 22.33 ng

RT: 3.97 min Scan# 193

Delta R.T. -0.00 min

Lab File: BG023103.D

Acq: 14 Jul 2016 16:11

Instrument :

BNA_G

ClientSampleId :

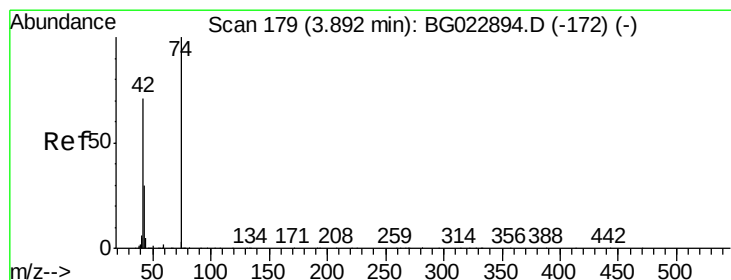
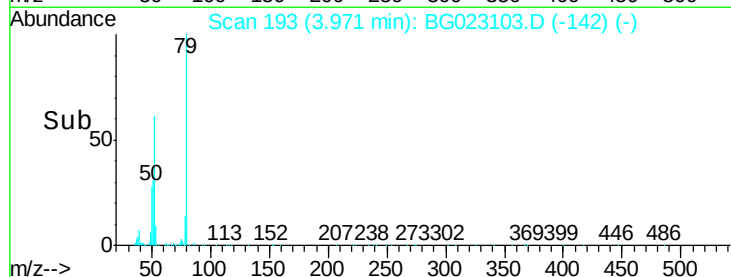
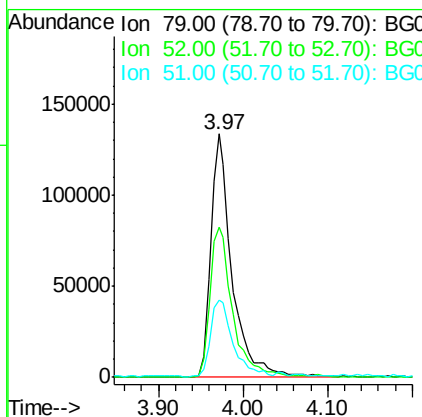
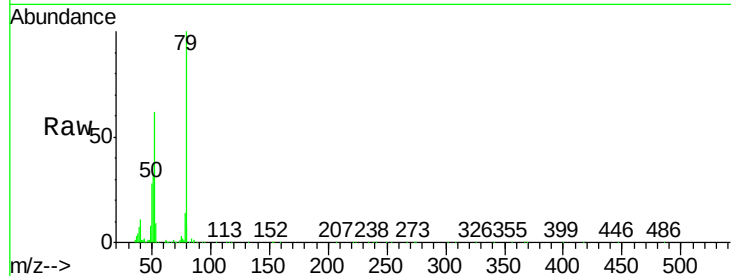
LSS-MW-SB22(20)MSD

Tot Ion:	79	Resp:	236021
Ion Ratio	Lower	Upper	
79	100		
52	61.6	51.8	77.8
51	31.9	32.7	49.1#

Manual Integrations

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7/15/2016 9:14:20 AM



#4

n-Nitrosodimethylamine

Concen: 27.19 ng

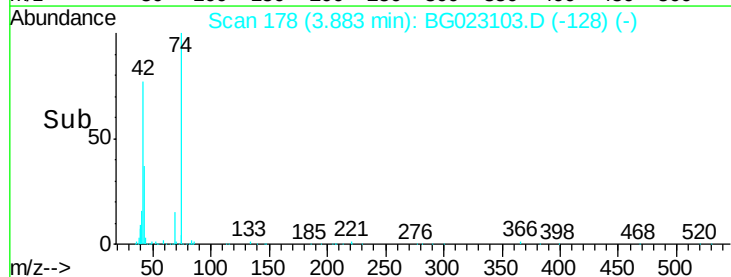
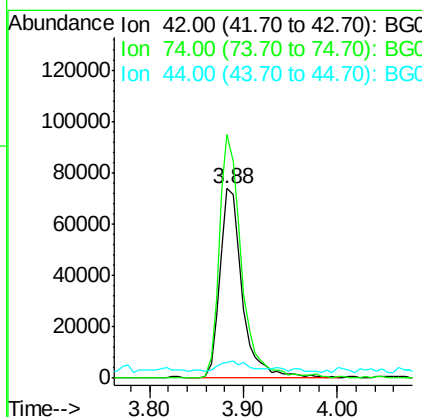
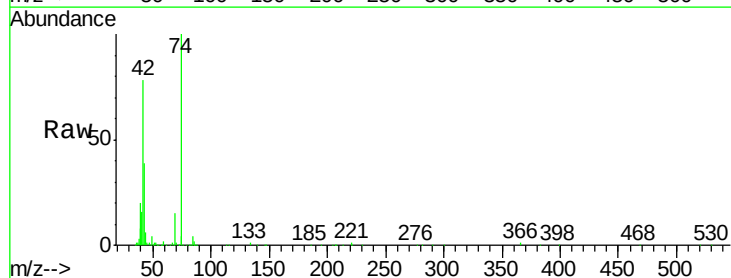
RT: 3.88 min Scan# 178

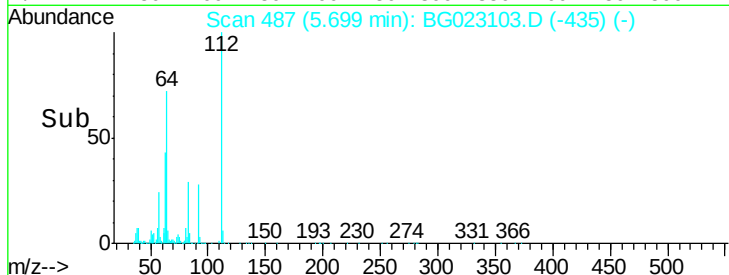
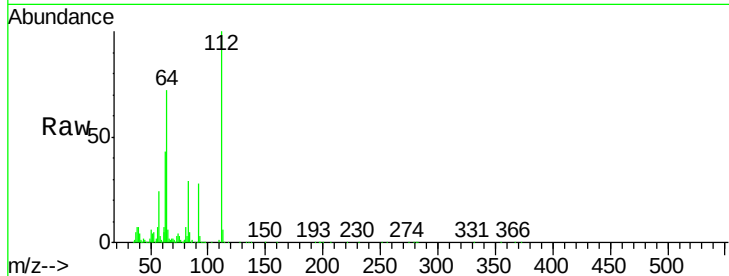
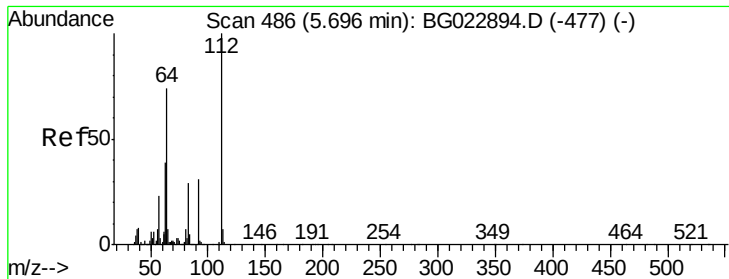
Delta R.T. -0.01 min

Lab File: BG023103.D

Acq: 14 Jul 2016 16:11

Tgt Ion:	42	Resp:	123271
Ion Ratio	Lower	Upper	
42	100		
74	128.3	100.6	150.8
44	8.1	4.5	6.7#





#5

2-Fluorophenol

Concen: 77.19 ng

RT: 5.70 min Scan# 487

Delta R.T. 0.00 min

Lab File: BG023103.D

Acq: 14 Jul 2016 16:11

Tot Ion:	112	Resp:	613344
Ion Ratio	Lower	Upper	
112	100		
64	72.1	59.0	88.4
63	43.3	37.8	56.8

Instrument :

BNA_G

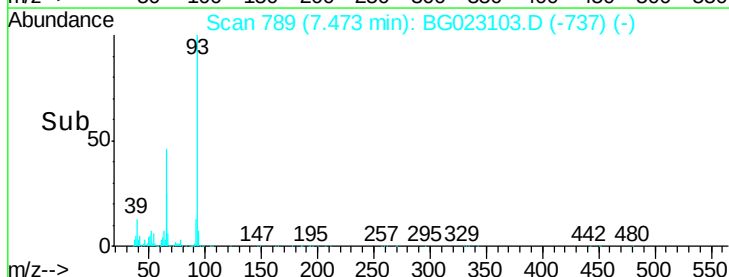
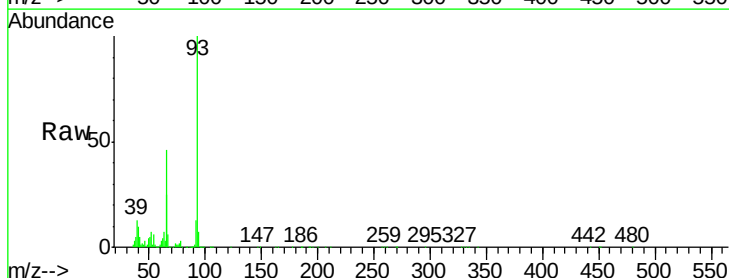
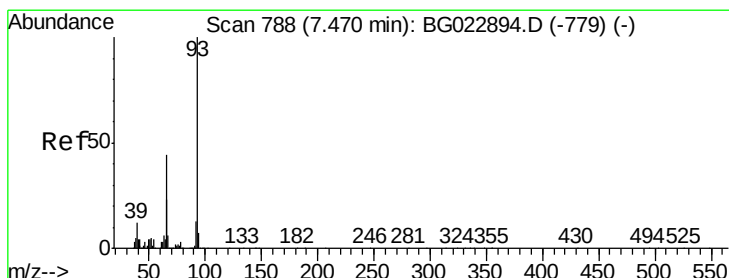
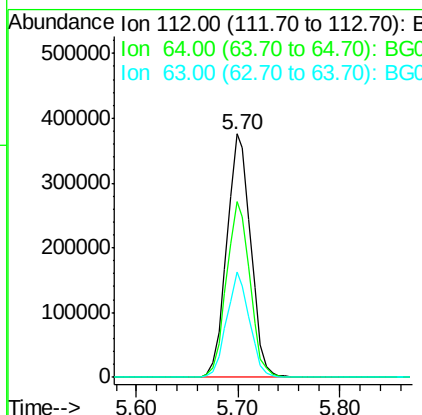
ClientSampleId :

LSS-MW-SB22(20)MSD

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#6

Aniline

Concen: 20.01 ng

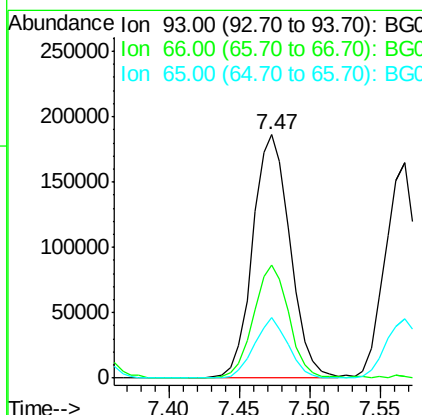
RT: 7.47 min Scan# 789

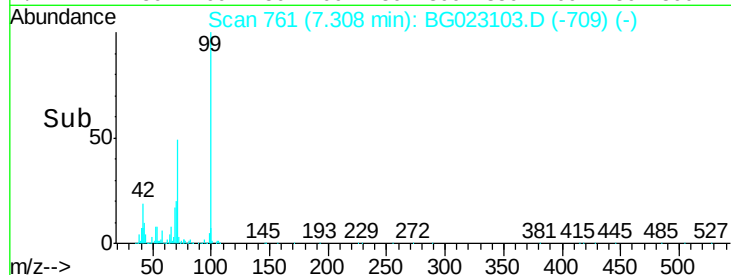
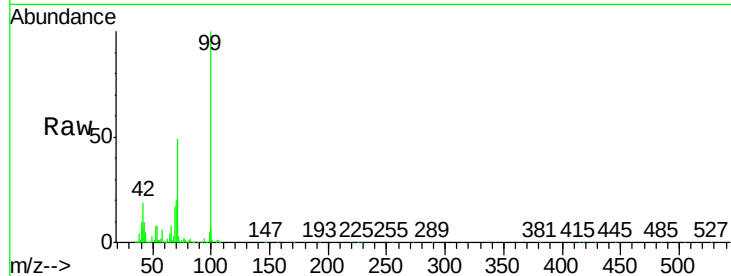
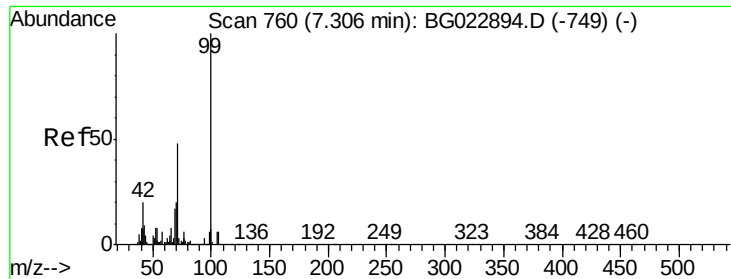
Delta R.T. 0.00 min

Lab File: BG023103.D

Acq: 14 Jul 2016 16:11

Tgt Ion:	93	Resp:	345203
Ion Ratio	Lower	Upper	
93	100		
66	46.5	37.5	56.3
65	25.0	17.9	26.9





#7

Phenol-d6

Concen: 59.37 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG023103.D

Acq: 14 Jul 2016 16:11

Tot Ion:	99	Resp:	738919
Ion Ratio	Lower	Upper	
99	100		
42	18.9	17.8	26.6
71	49.1	41.5	62.3

Instrument :

BNA_G

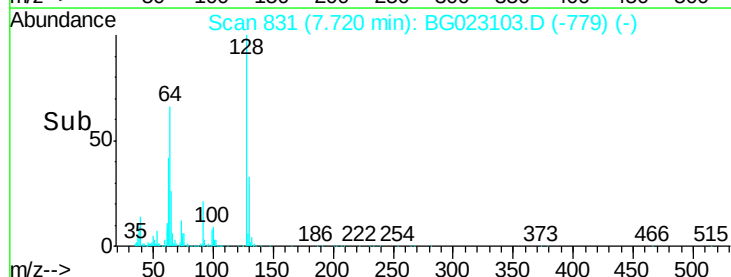
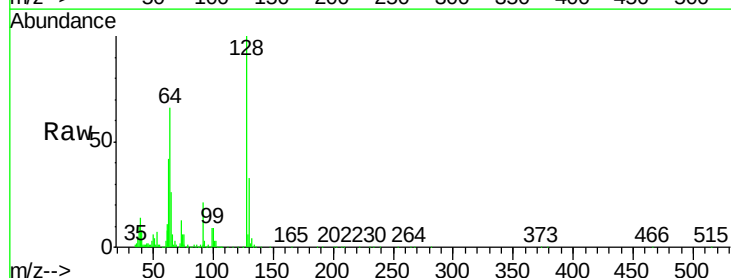
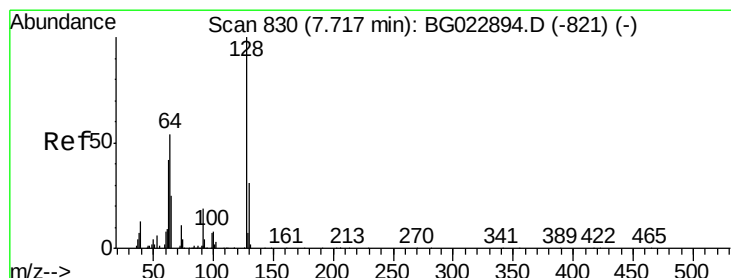
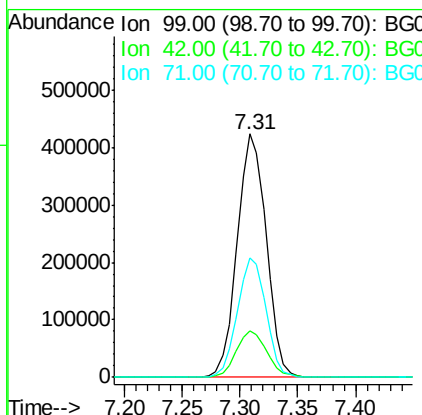
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#8

2-Chlorophenol

Concen: 30.51 ng

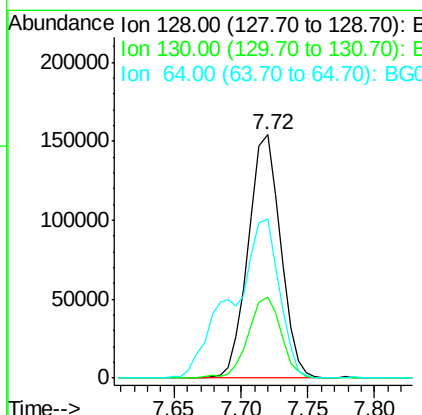
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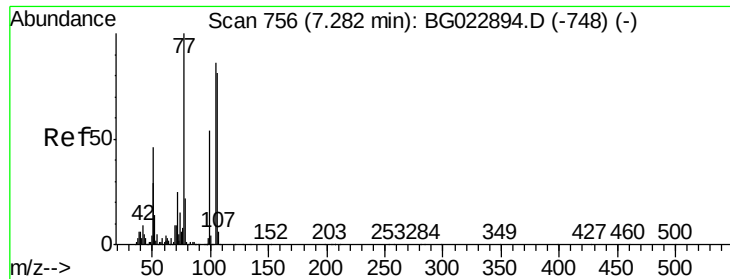
Delta R.T. 0.00 min

Lab File: BG023103.D

Acq: 14 Jul 2016 16:11

Tgt Ion:	128	Resp:	258013
Ion Ratio	Lower	Upper	
128	100		
130	33.4	12.9	52.9
64	65.6	42.0	82.0





#9

Benzaldehyde

Concen: 14.37 ng

RT: 7.28 min Scan# 757

Delta R.T. 0.00 min

Lab File: BG023103.D

Acq: 14 Jul 2016 16:11

Instrument :

BNA_G

ClientSampleId :

LSS-MW-SB22(20)MSD

Tot Ion: 77 Resp: 119536

Ion Ratio Lower Upper

77 100

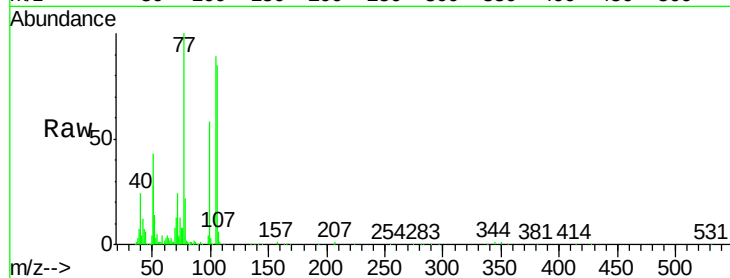
105 88.6 58.7 98.7

106 85.4 67.5 107.5

Manual Integrations

Sohil

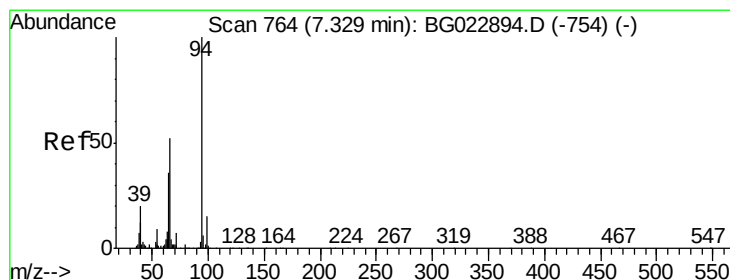
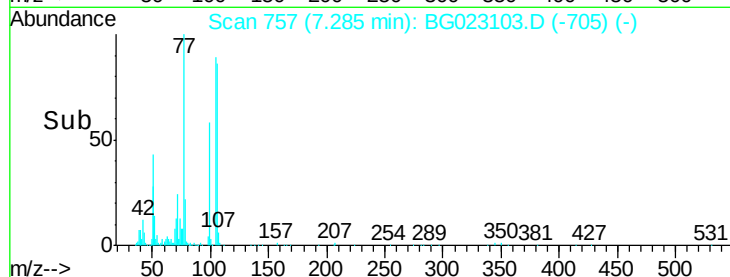
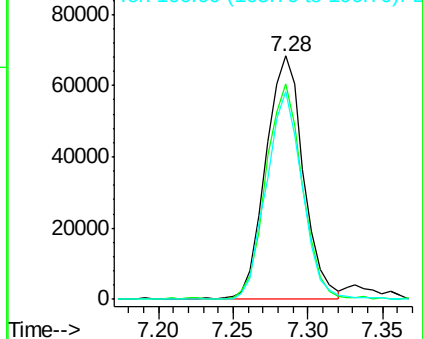
7/15/2016 9:14:20 AM



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: 32.52 ng

RT: 7.34 min Scan# 766

Delta R.T. 0.01 min

Lab File: BG023103.D

Acq: 14 Jul 2016 16:11

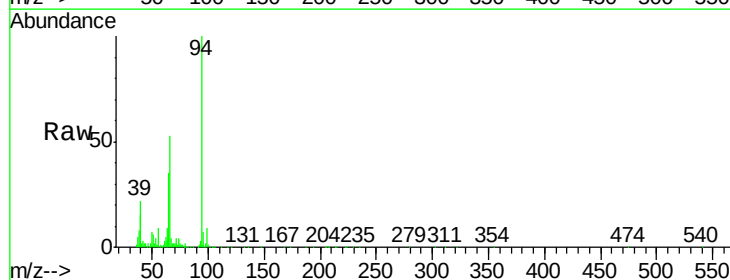
Tgt Ion: 94 Resp: 416444

Ion Ratio Lower Upper

94 100

65 34.8 18.1 58.1

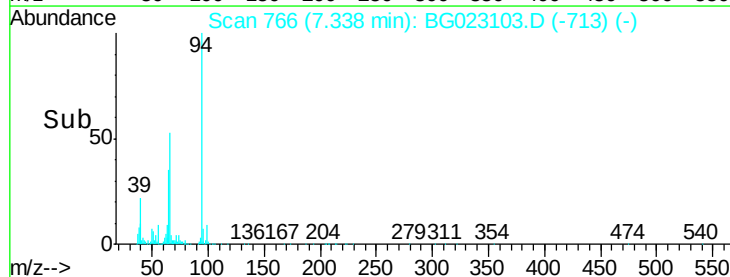
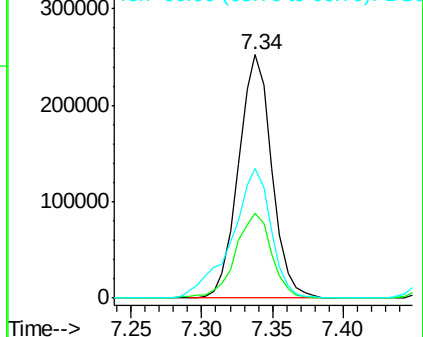
66 53.1 42.1 82.1

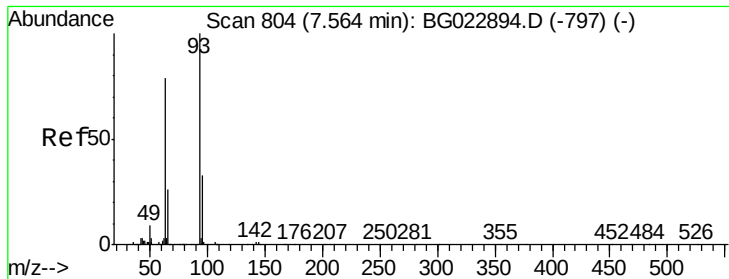


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





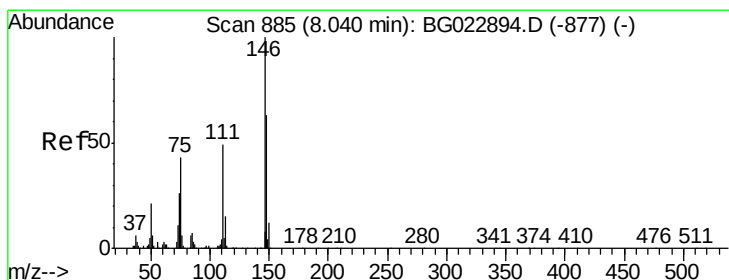
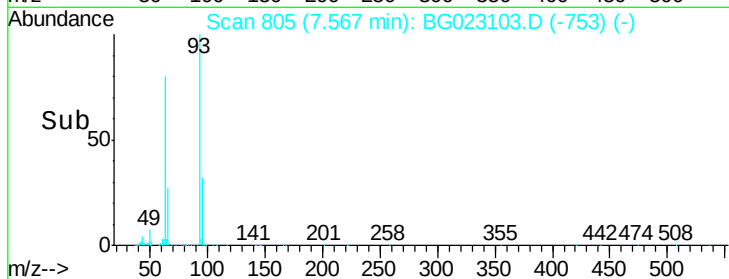
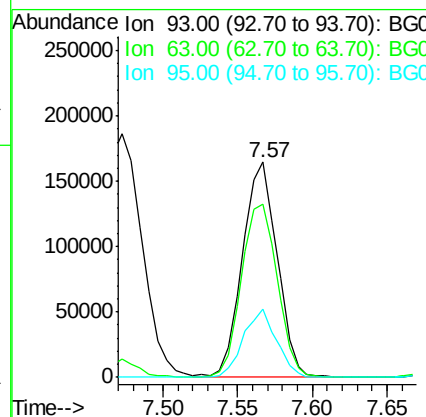
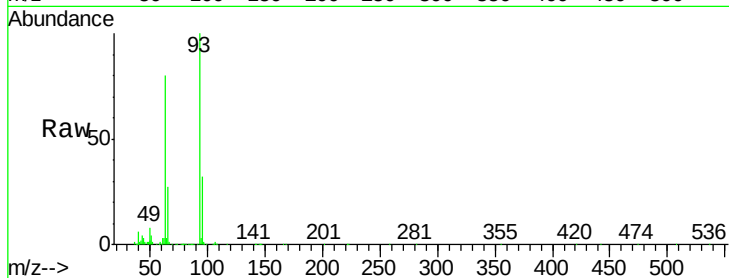
#11
bis(2-Chloroethyl)ether
Concen: 26.15 ng
RT: 7.57 min Scan# 805
Delta R.T. 0.00 min
Lab File: BG023103.D
Acq: 14 Jul 2016 16:11

Instrument :
BNA_G
ClientSampleId :
LSS-MW-SB22(20)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		265445		
63	80.4	55.0	95.0		
95	31.8	11.0	51.0		

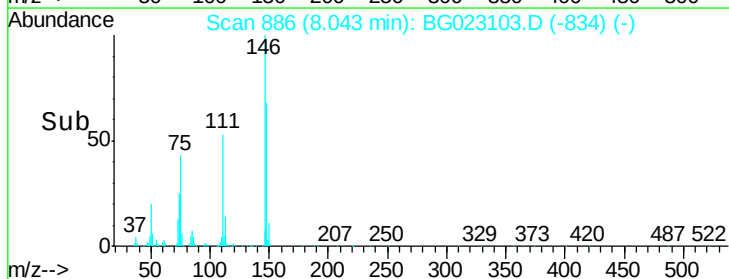
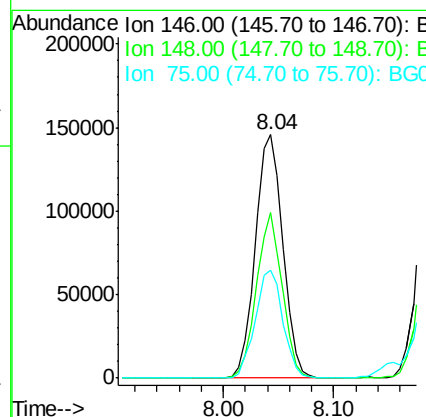
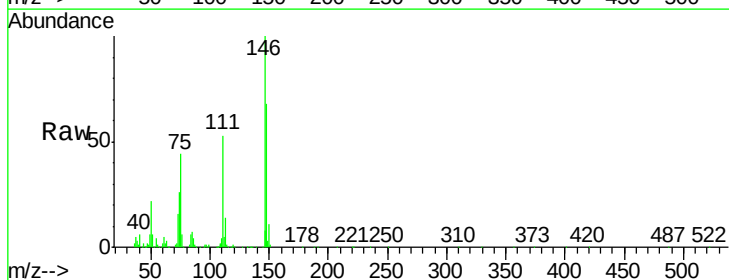
Manual Integrations

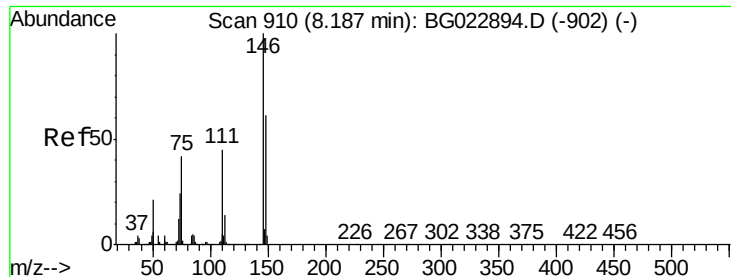
APPROVED
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#12
1,3-Dichlorobenzene
Concen: 24.65 ng
RT: 8.04 min Scan# 886
Delta R.T. 0.00 min
Lab File: BG023103.D
Acq: 14 Jul 2016 16:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		255125		
148	68.0	50.3	75.5		
75	44.3	37.0	55.6		





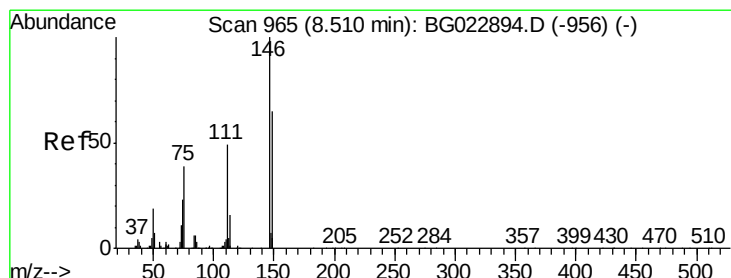
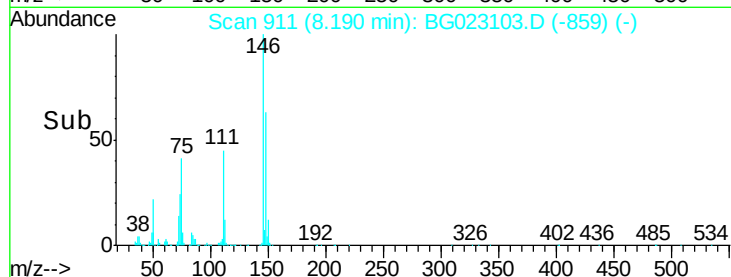
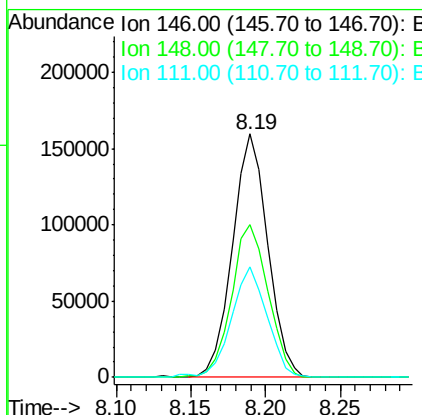
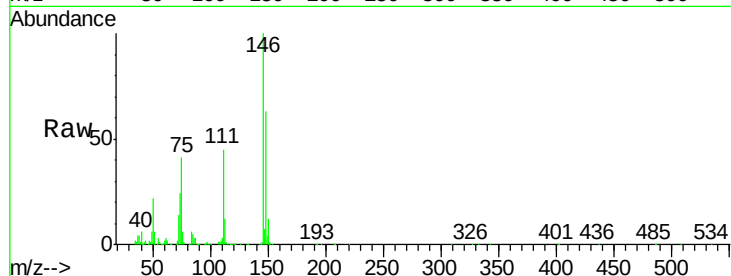
#13
 1,4-Dichlorobenzene
 Concen: 25.31 ng
 RT: 8.19 min Scan# 911
 Delta R.T. 0.00 min
 Lab File: BG023103.D
 Acq: 14 Jul 2016 16:11

Instrument :
 BNA_G
 ClientSampleId :
 LSS-MW-SB22(20)MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.6	54.5	81.7
111	45.2	37.8	56.8

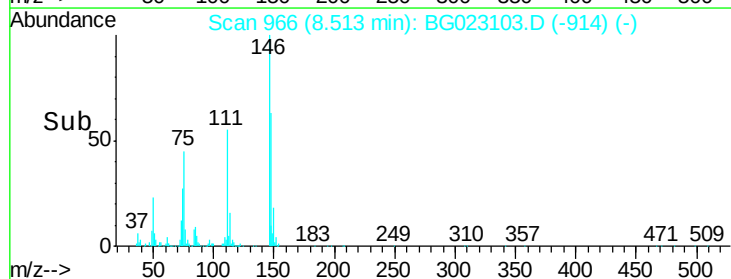
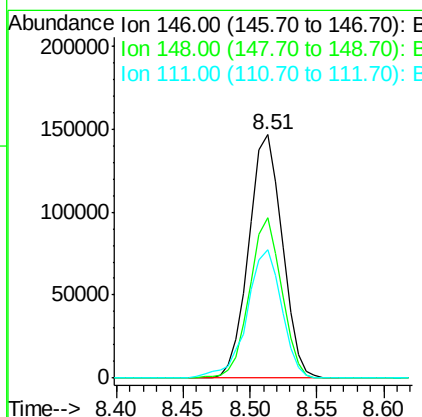
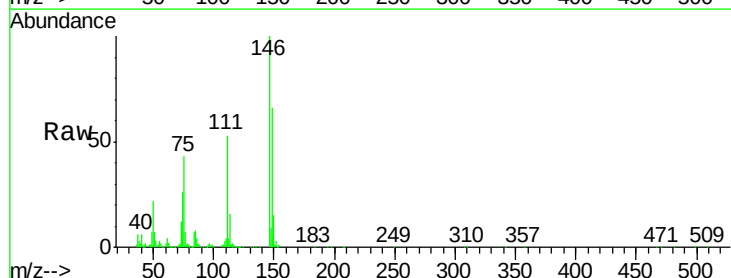
Manual Integrations

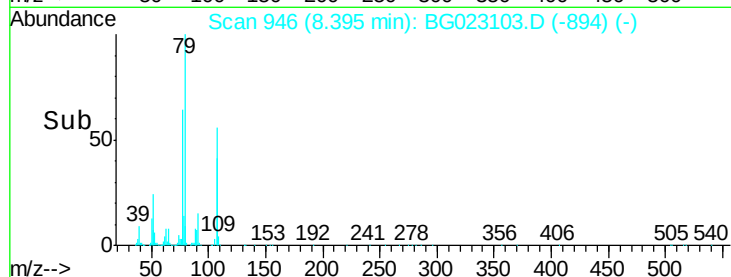
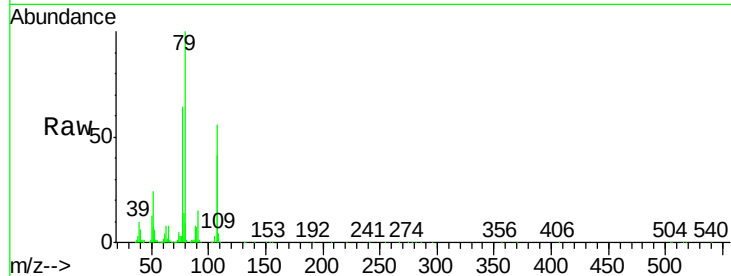
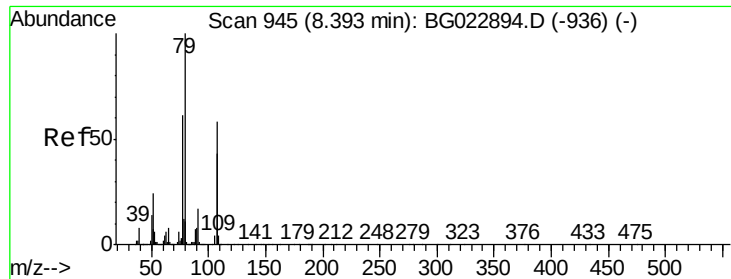
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#14
 1,2-Dichlorobenzene
 Concen: 24.68 ng
 RT: 8.51 min Scan# 966
 Delta R.T. 0.00 min
 Lab File: BG023103.D
 Acq: 14 Jul 2016 16:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.1	52.9	79.3
111	52.8	43.5	65.3





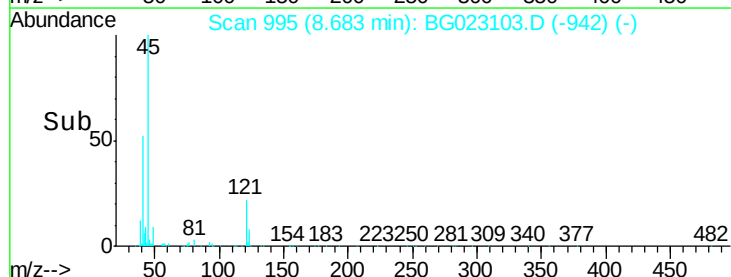
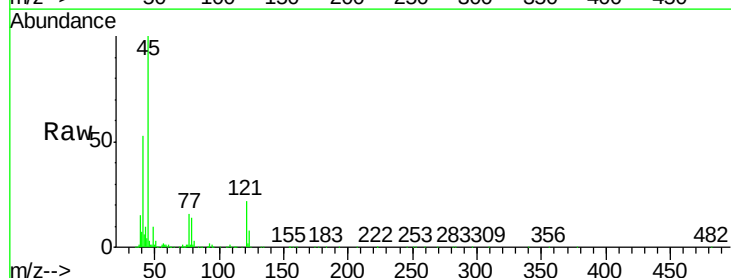
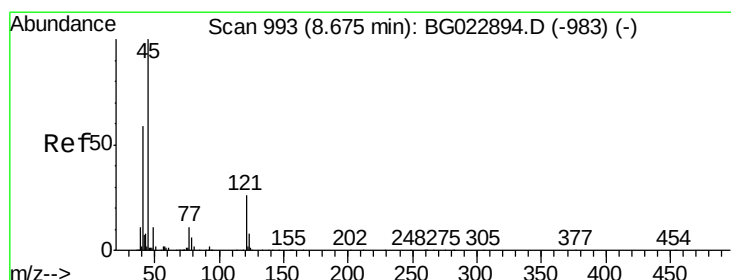
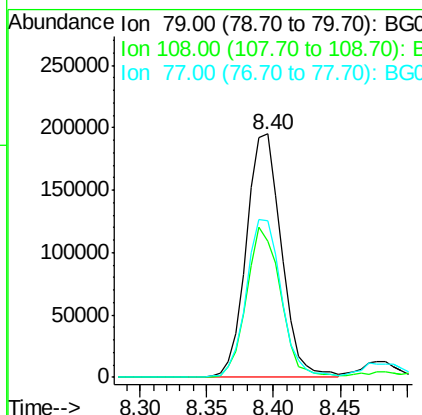
#15
Benzyl Alcohol
Concen: 31.02 ng
RT: 8.40 min Scan# 946
Delta R.T. 0.00 min
Lab File: BG023103.D
Acq: 14 Jul 2016 16:11

Tot Ion	Ratio	Lower	Upper
79	100		
108	56.1	46.5	69.7
77	64.3	52.3	78.5

Instrument :
BNA_G
ClientSampleId :
LSS-MW-SB22(20)MSD

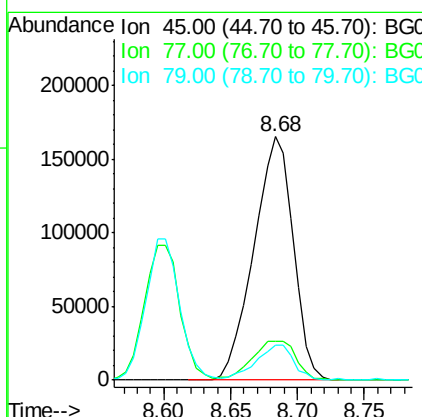
Manual Integrations

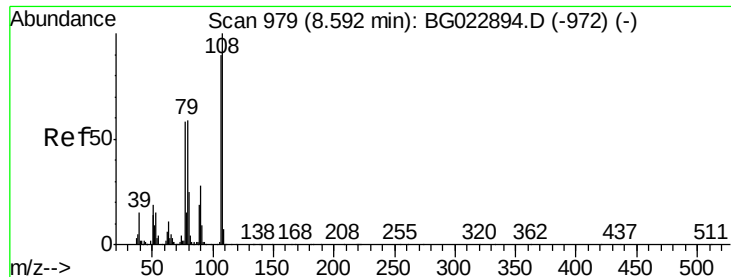
APPROVED
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 27.24 ng
RT: 8.68 min Scan# 995
Delta R.T. 0.01 min
Lab File: BG023103.D
Acq: 14 Jul 2016 16:11

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.8	0.6	40.6
79	14.3	0.0	36.2





#17

2-Methylphenol

Concen: 31.88 ng

RT: 8.60 min Scan# 981

Delta R.T. 0.01 min

Lab File: BG023103.D

Acq: 14 Jul 2016 16:11

Instrument :

BNA_G

ClientSampleId :

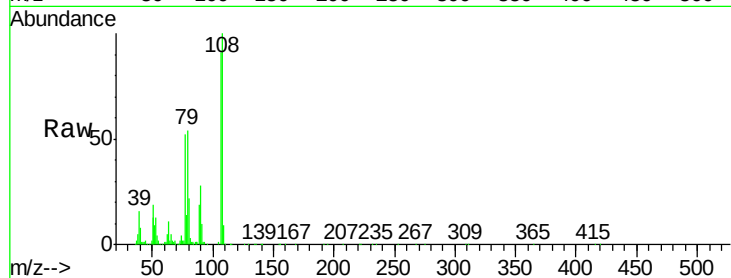
LSS-MW-SB22(20)MSD

Tot Ion	107	Resp	265770
Ion Ratio	Lower	Upper	
107	100		
108	109.4	92.0	138.0
77	56.7	55.8	83.6
79	59.1	55.0	82.6

Manual Integrations

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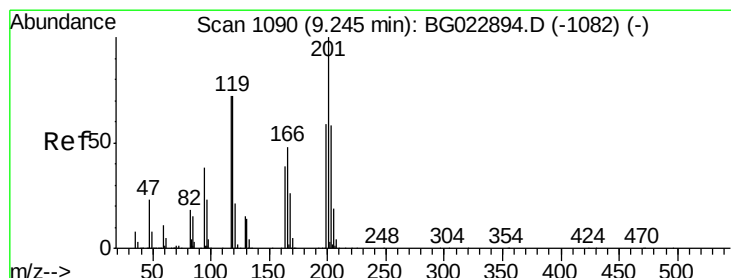
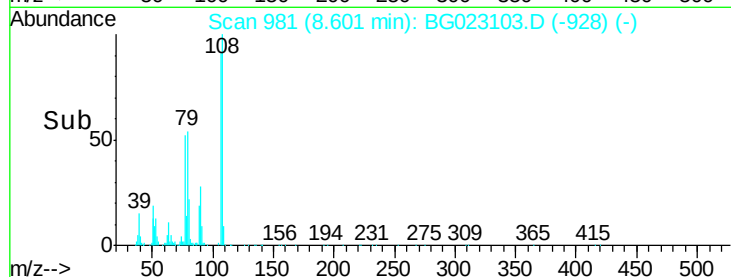
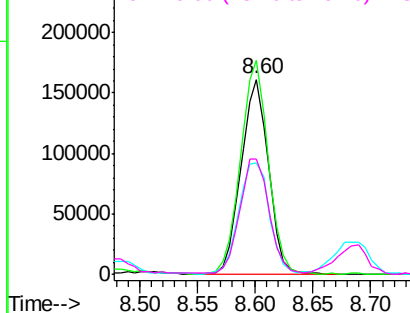


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 23.90 ng

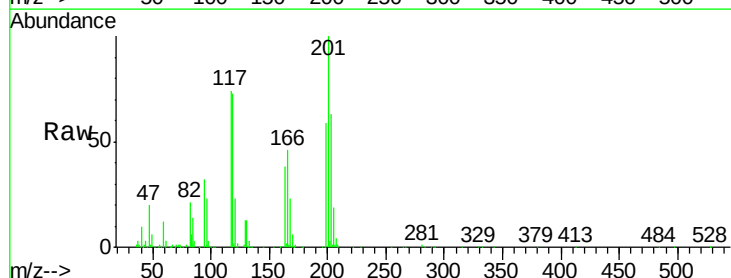
RT: 9.25 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BG023103.D

Acq: 14 Jul 2016 16:11

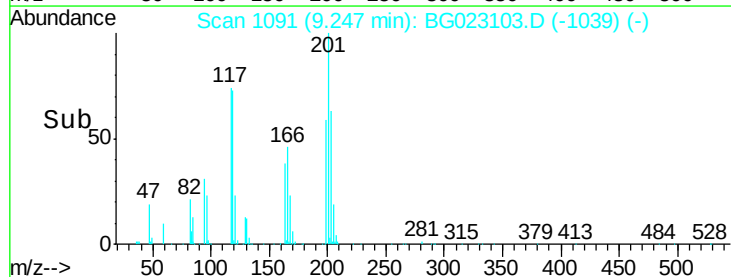
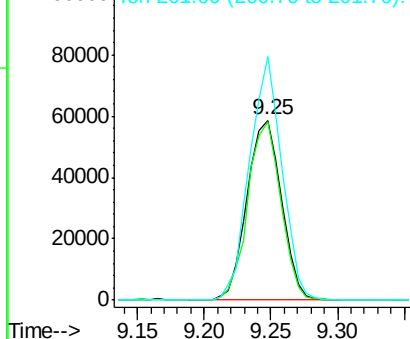
Tgt Ion	117	Resp	104533
Ion Ratio	Lower	Upper	
117	100		
119	99.4	73.7	110.5
201	135.5	88.7	133.1#

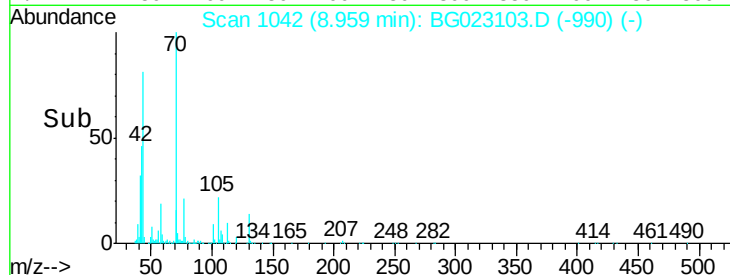
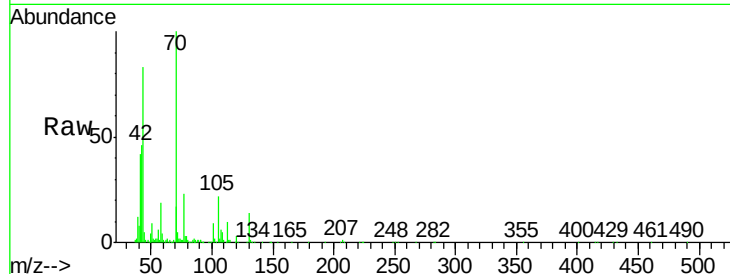
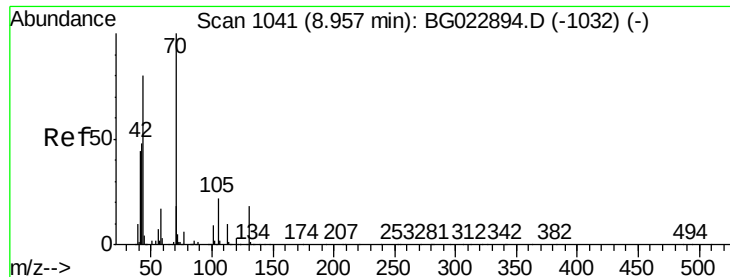


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

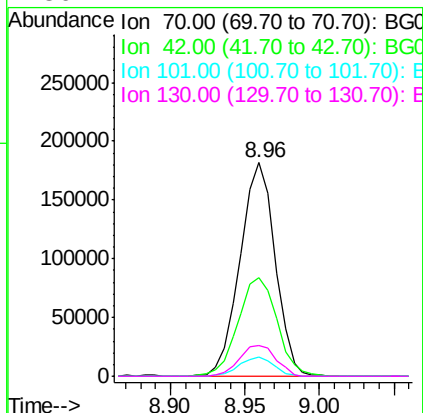
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 26.42 ng
RT: 8.96 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BG023103.D
Acq: 14 Jul 2016 16:11

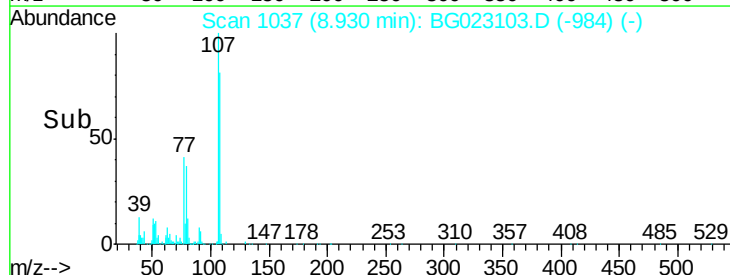
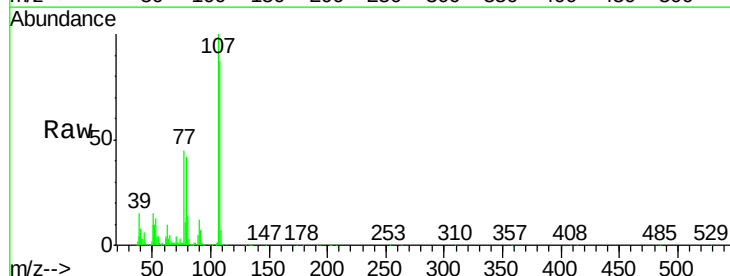
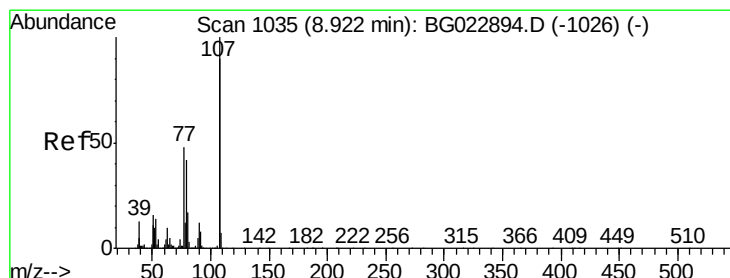
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	46.4	42.1	63.1	
101	8.8	7.2	10.8	
130	14.2	14.2	21.2	



Instrument :
BNA_G
ClientSampleId :
LSS-MW-SB22(20)MSD

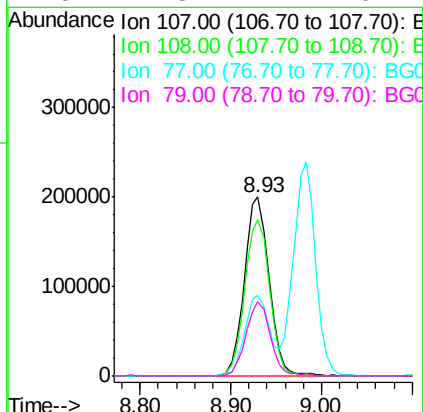
Manual Integrations

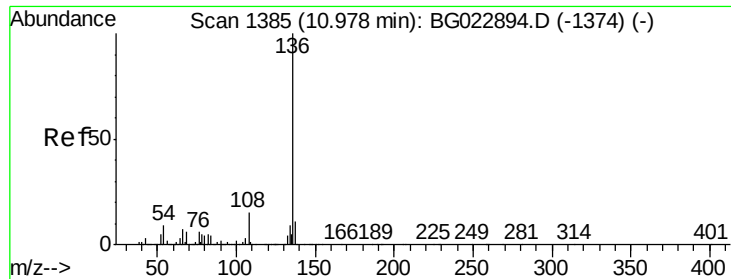
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#20
3+4-Methylphenols
Concen: 32.61 ng
RT: 8.93 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BG023103.D
Acq: 14 Jul 2016 16:11

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.3	72.5	112.5	
77	45.3	30.1	70.1	
79	41.8	24.2	64.2	





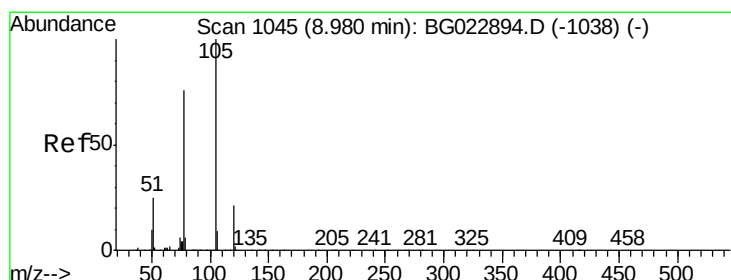
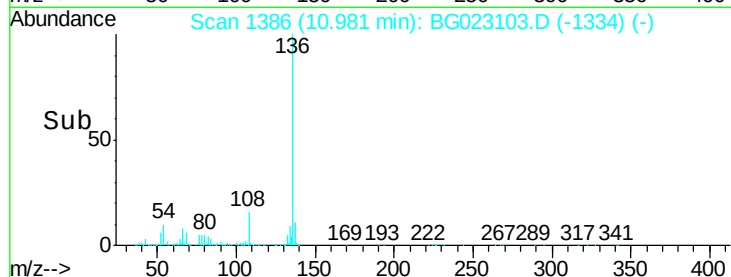
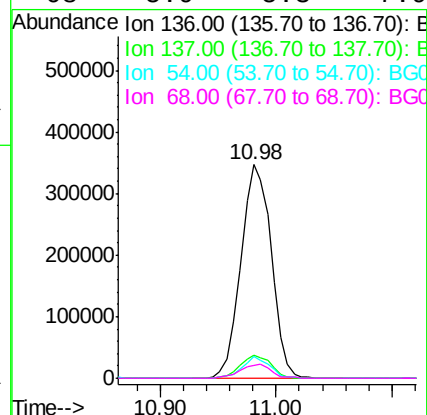
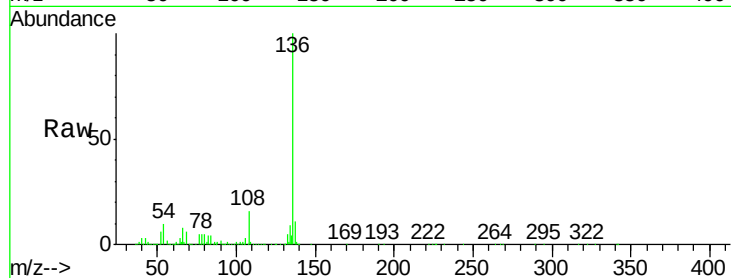
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1386
Delta R.T. 0.00 min
Lab File: BG023103.D
Acq: 14 Jul 2016 16:11

Instrument :
BNA_G
ClientSampleId :
LSS-MW-SB22(20)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		633434		
137	10.6		9.6	14.4	
54	10.1		7.3	10.9	
68	5.9		5.3	7.9	

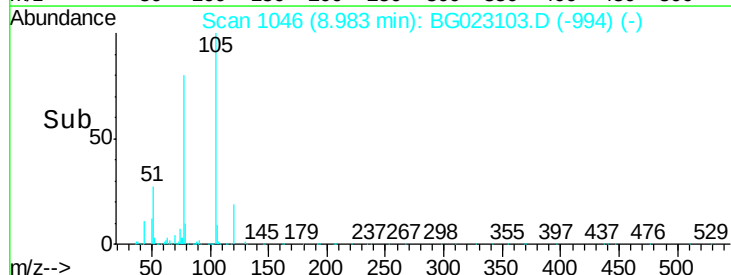
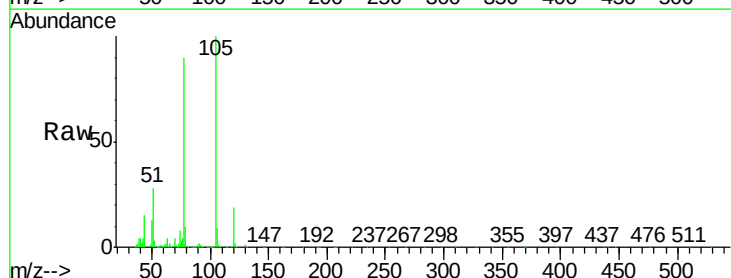
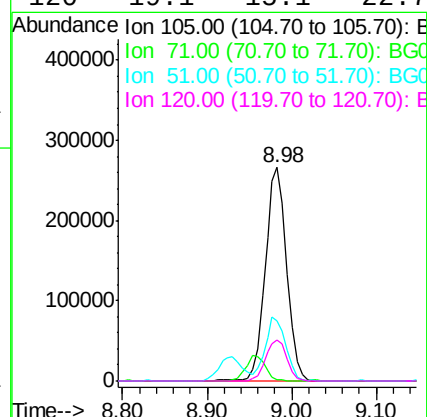
Manual Integrations

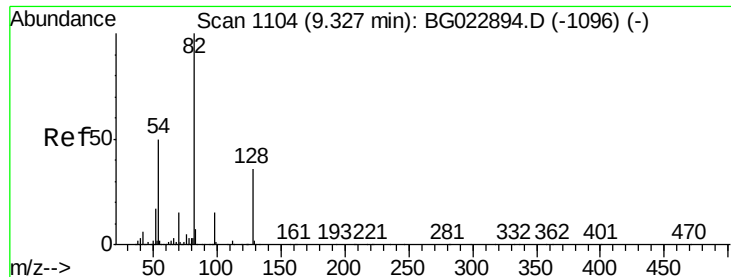
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#22
Acetophenone
Concen: 24.63 ng
RT: 8.98 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BG023103.D
Acq: 14 Jul 2016 16:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		468151		
71	0.9		2.6	3.8#	
51	28.4		27.1	40.7	
120	19.1		15.1	22.7	





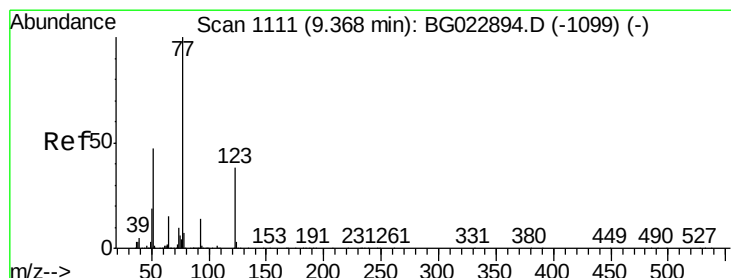
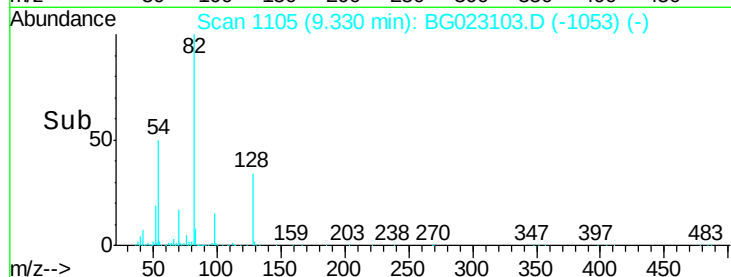
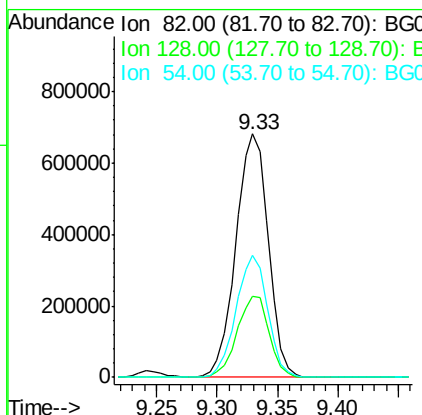
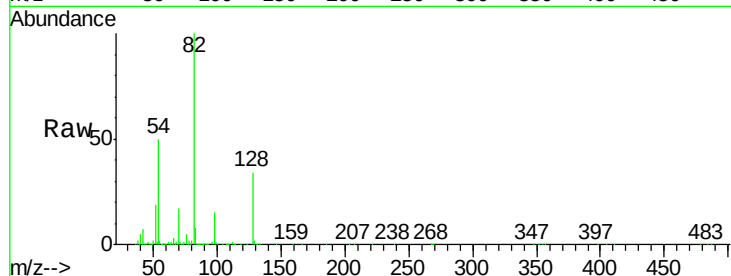
#23
 Nitrobenzene-d5
 Concen: 86.08 ng
 RT: 9.33 min Scan# 1105
 Delta R.T. 0.00 min
 Lab File: BG023103.D
 Acq: 14 Jul 2016 16:11

Instrument :
 BNA_G
 ClientSampleId :
 LSS-MW-SB22(20)MSD

Tot Ion	82	Resp	1273340
Ion Ratio	Lower	Upper	
82	100		
128	33.5	24.4	36.6
54	50.3	41.4	62.0

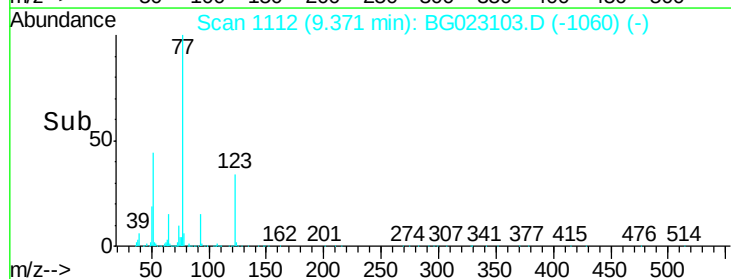
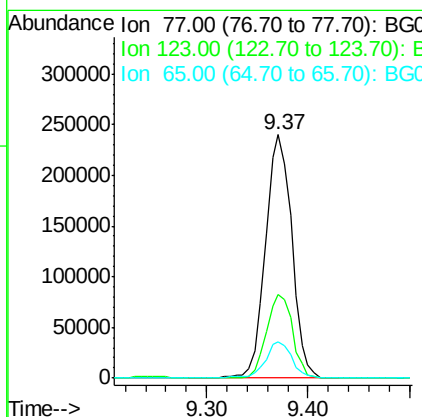
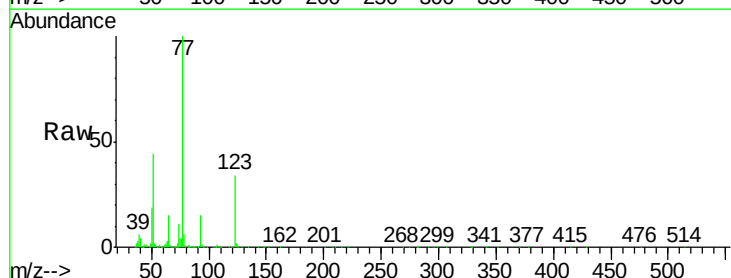
Manual Integrations

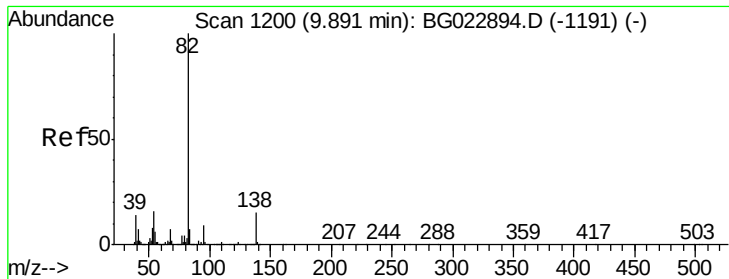
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#24
 Nitrobenzene
 Concen: 27.54 ng
 RT: 9.37 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BG023103.D
 Acq: 14 Jul 2016 16:11

Tgt Ion	77	Resp	432909
Ion Ratio	Lower	Upper	
77	100		
123	34.3	25.0	37.6
65	15.0	13.4	20.0





#25

Isophorone

Concen: 25.96 ng

RT: 9.89 min Scan# 1200

Delta R.T. -0.00 min

Lab File: BG023103.D

Acq: 14 Jul 2016 16:11

Instrument :

BNA_G

ClientSampleId :

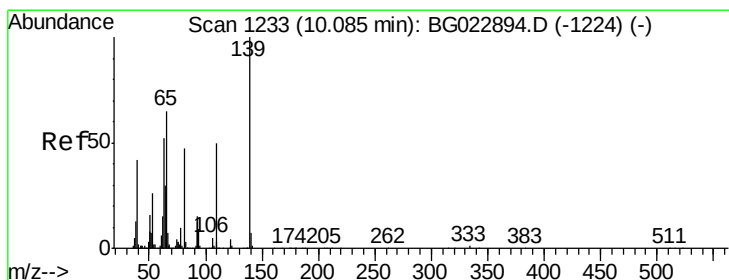
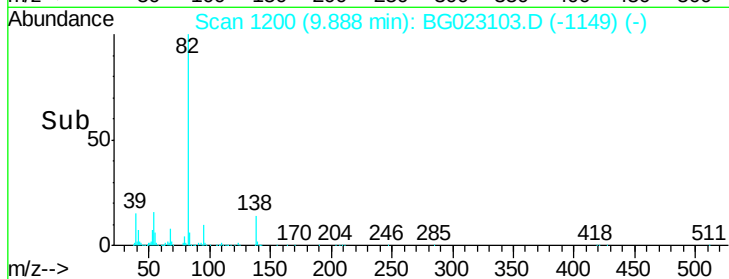
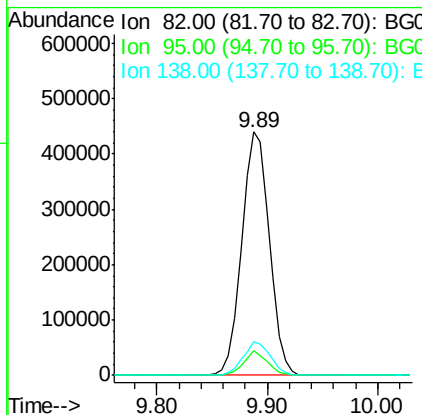
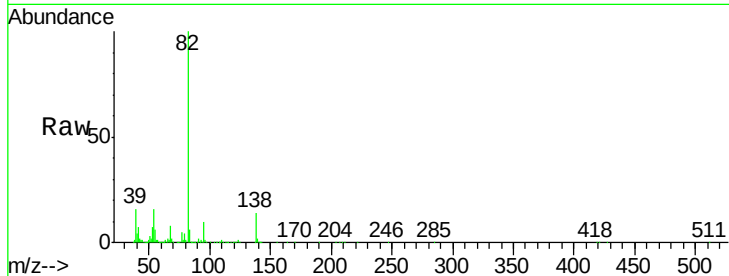
LSS-MW-SB22(20)MSD

Tot Ion:	82	Resp:	772493
Ion Ratio	Lower	Upper	
82	100		
95	9.9	8.2	12.2
138	13.9	10.7	16.1

Manual Integrations

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#26

2-Nitrophenol

Concen: 26.75 ng

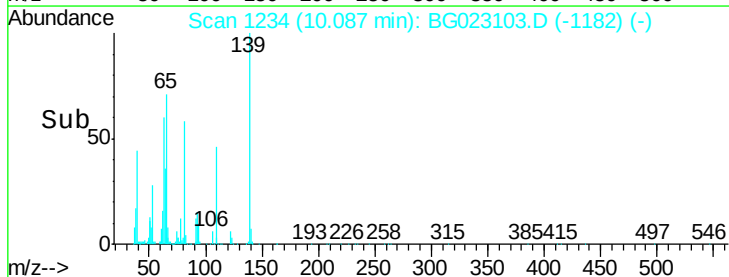
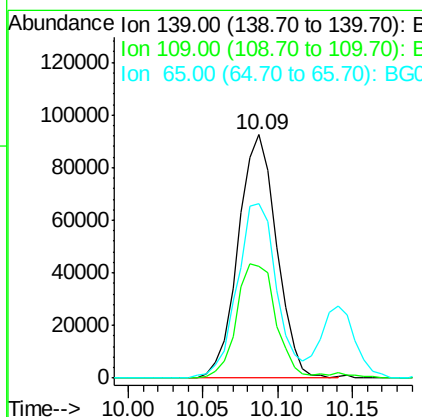
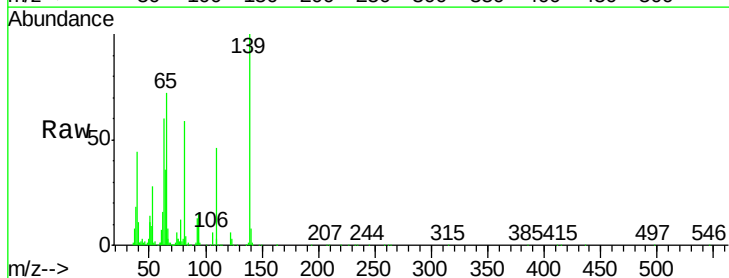
RT: 10.09 min Scan# 1234

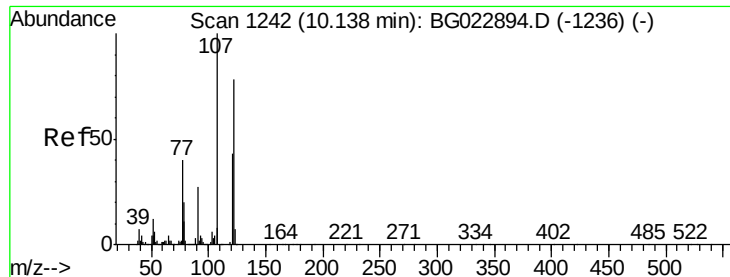
Delta R.T. 0.00 min

Lab File: BG023103.D

Acq: 14 Jul 2016 16:11

Tgt Ion:	139	Resp:	164980
Ion Ratio	Lower	Upper	
139	100		
109	45.8	43.5	65.3
65	71.6	64.3	96.5





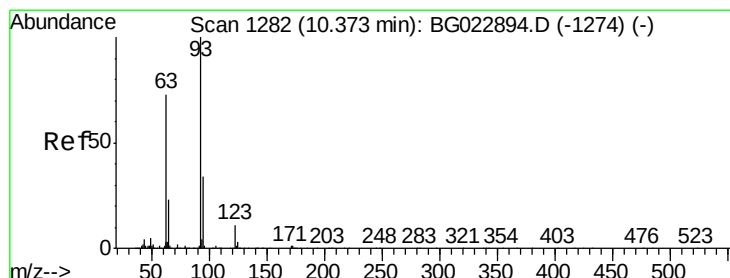
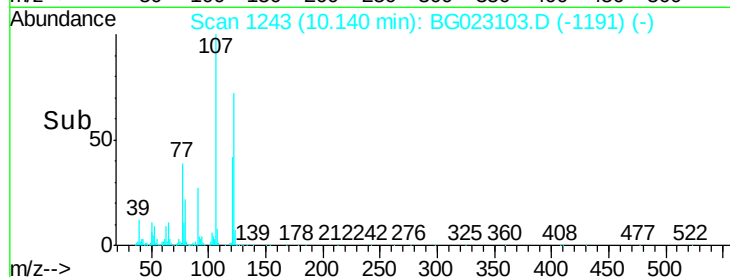
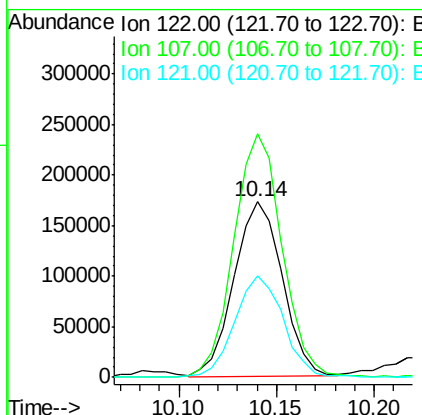
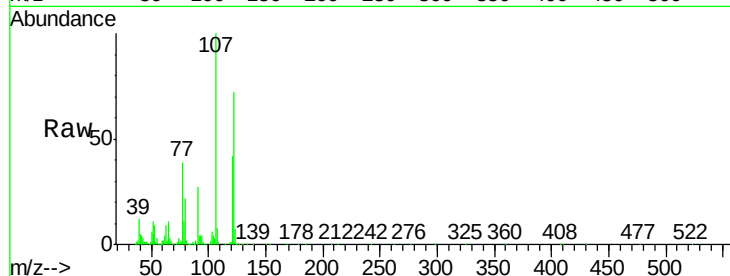
#27
 2,4-Dimethylphenol
 Concen: 27.77 ng
 RT: 10.14 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: BG023103.D
 Acq: 14 Jul 2016 16:11

Instrument :
 BNA_G
 ClientSampleId :
 LSS-MW-SB22(20)MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	138.8	117.0	175.4
121	58.2	50.1	75.1

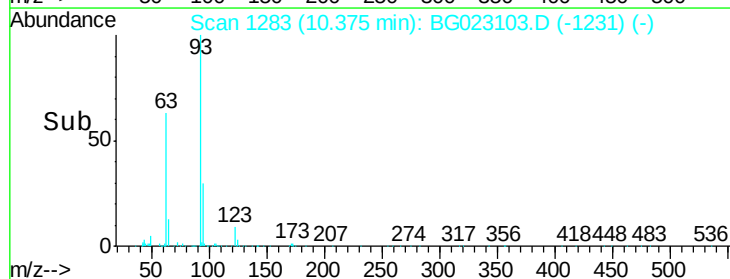
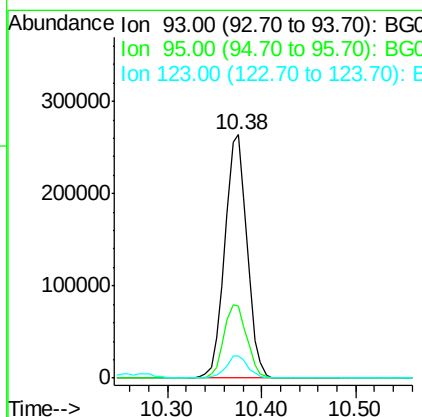
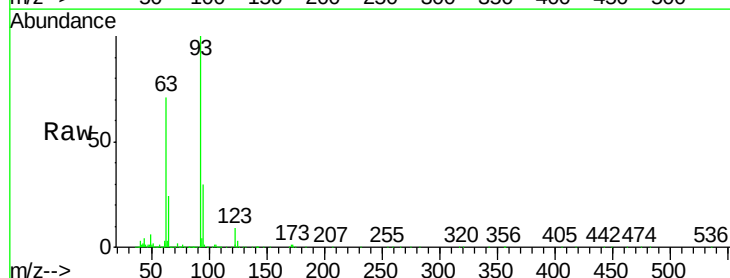
Manual Integrations

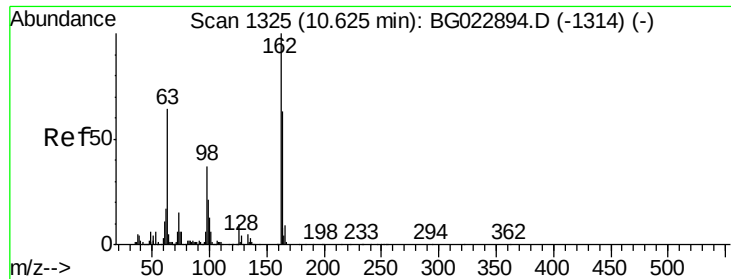
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#28
 bis(2-Chloroethoxy)methane
 Concen: 26.15 ng
 RT: 10.38 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: BG023103.D
 Acq: 14 Jul 2016 16:11

Tgt Ion	Ratio	Lower	Upper
93	100		
95	29.7	25.4	38.2
123	9.4	8.2	12.2





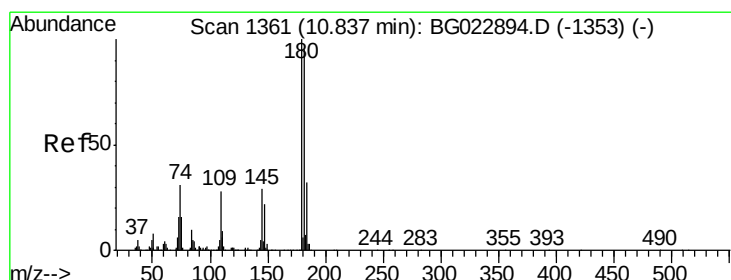
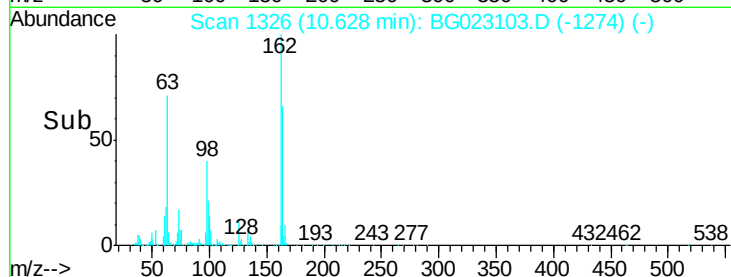
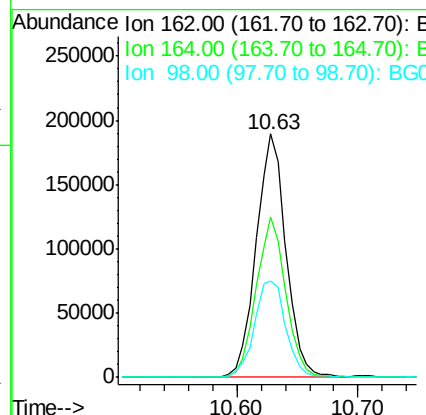
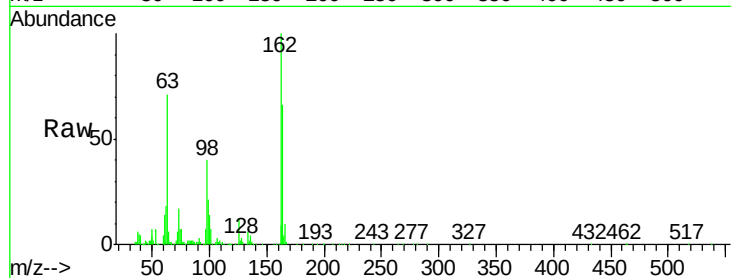
#29
2,4-Dichlorophenol
Concen: 28.47 ng
RT: 10.63 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BG023103.D
Acq: 14 Jul 2016 16:11

Instrument :
BNA_G
ClientSampleId :
LSS-MW-SB22(20)MSD

Tot Ion:	162	Resp:	323723
Ion Ratio	Lower	Upper	
162	100		
164	65.7	44.3	84.3
98	39.8	19.5	59.5

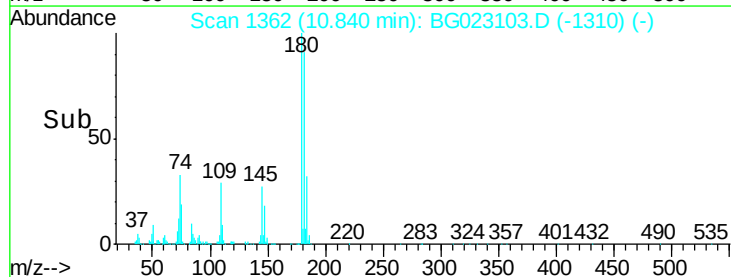
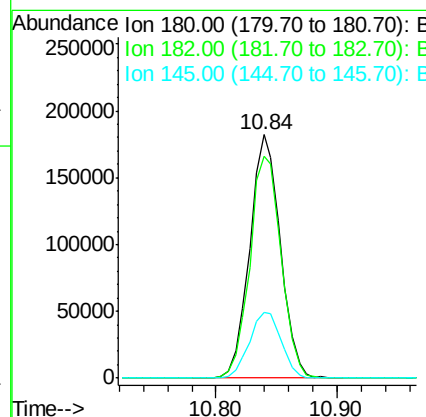
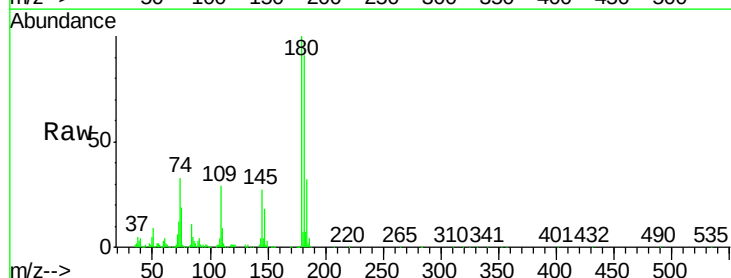
Manual Integrations

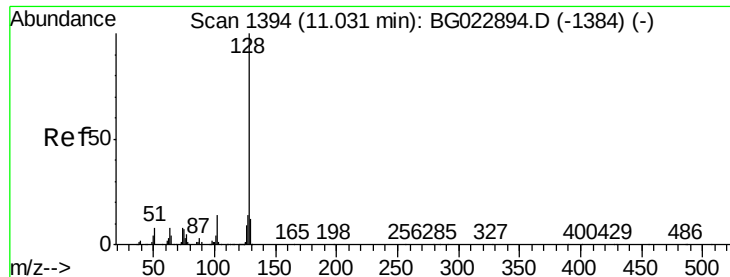
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#30
1,2,4-Trichlorobenzene
Concen: 24.62 ng
RT: 10.84 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BG023103.D
Acq: 14 Jul 2016 16:11

Tgt Ion:	180	Resp:	320807
Ion Ratio	Lower	Upper	
180	100		
182	90.9	73.8	110.8
145	26.9	24.4	36.6





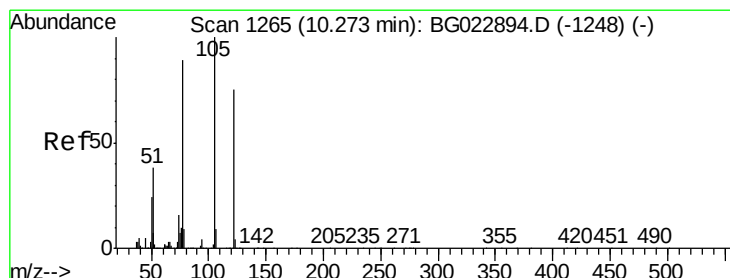
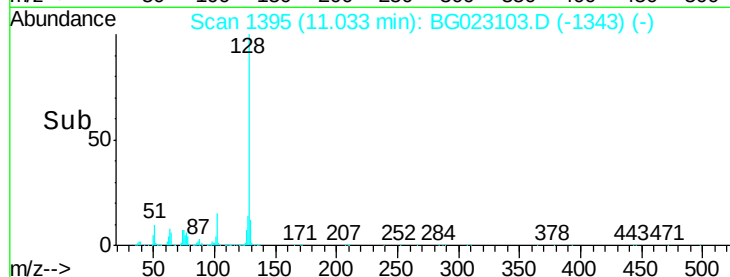
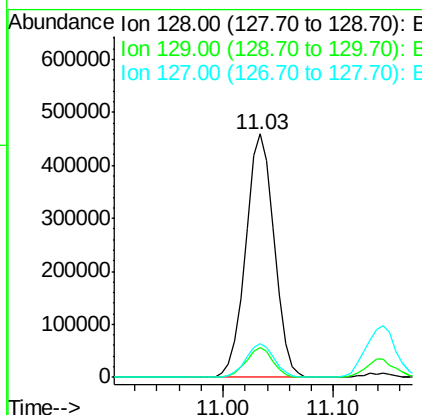
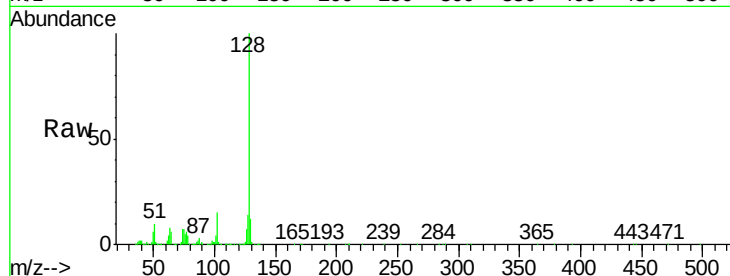
#31
Naphthalene
Concen: 25.71 ng
RT: 11.03 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BG023103.D
Acq: 14 Jul 2016 16:11

Instrument :
BNA_G
ClientSampleId :
LSS-MW-SB22(20)MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.4	14.0
127	14.0	11.3	16.9

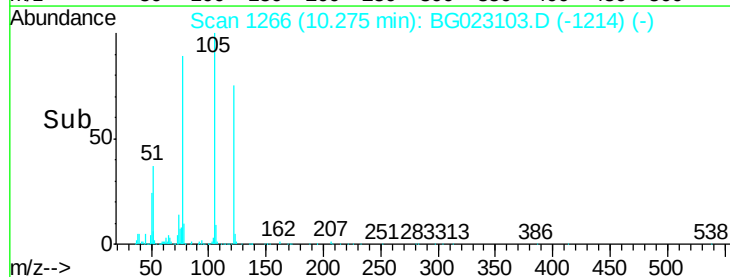
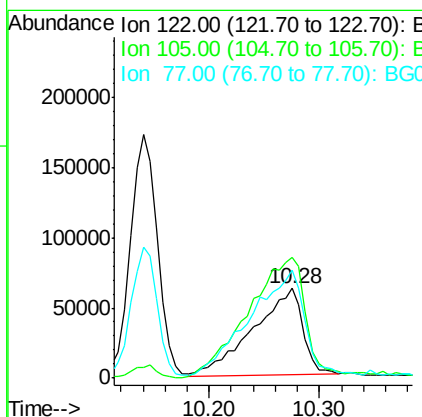
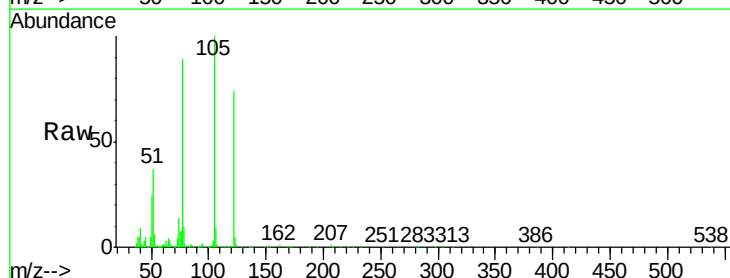
Manual Integrations

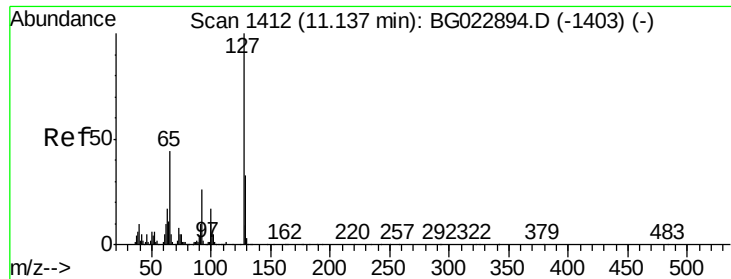
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#32
Benzoic acid
Concen: 19.87 ng
RT: 10.28 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BG023103.D
Acq: 14 Jul 2016 16:11

Tgt Ion	Ratio	Lower	Upper
122	100		
105	134.5	117.2	157.2
77	120.1	109.2	149.2





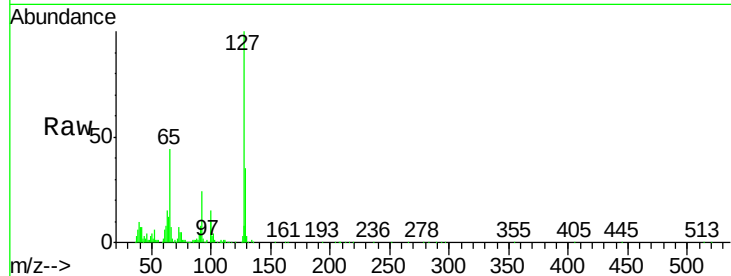
#33
4-Chloroaniline
Concen: 11.86 ng
RT: 11.15 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BG023103.D
Acq: 14 Jul 2016 16:11

Instrument :
BNA_G
ClientSampleId :
LSS-MW-SB22(20)MSD

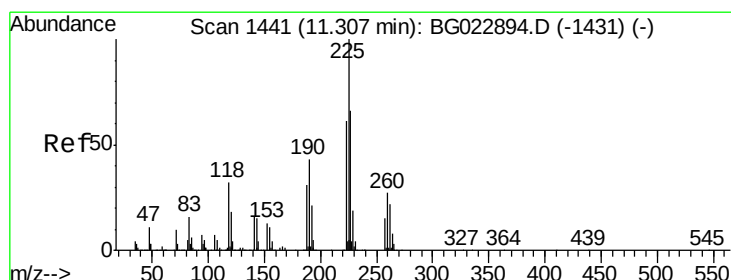
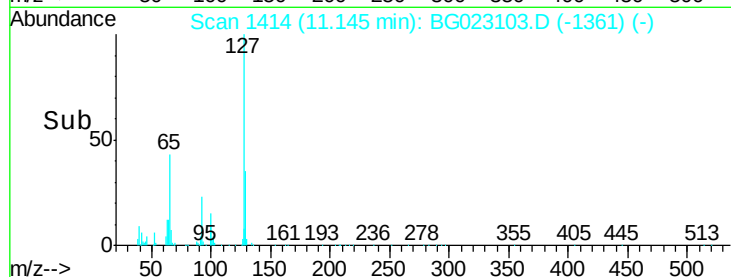
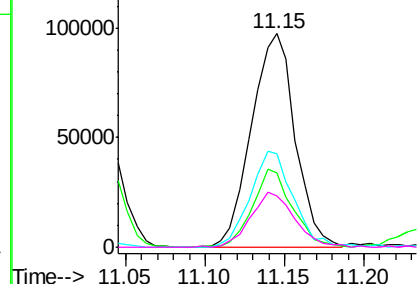
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	34.7	27.9	41.9		
65	43.7	36.8	55.2		
92	23.8	21.0	31.6		

Manual Integrations

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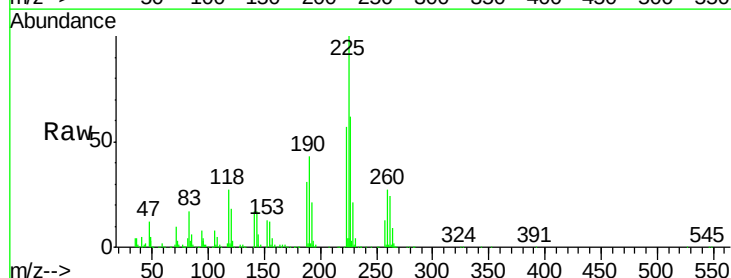


Abundance Ion 127.00 (126.70 to 127.70): E
150000
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

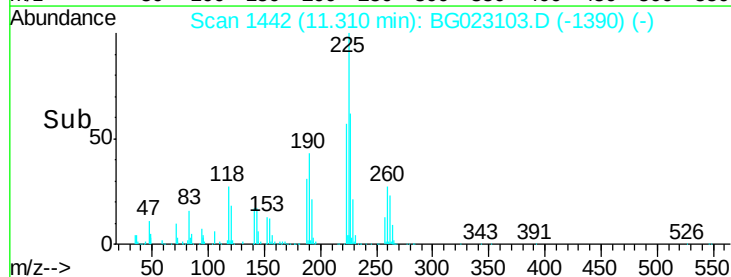
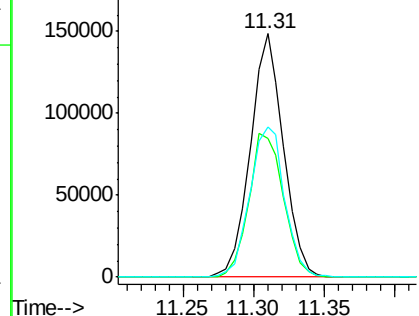


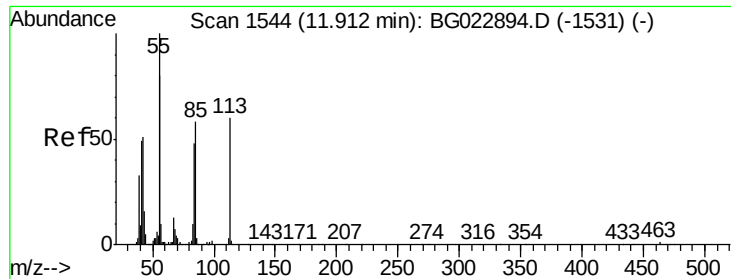
#34
Hexachlorobutadiene
Concen: 22.99 ng
RT: 11.31 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BG023103.D
Acq: 14 Jul 2016 16:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	57.1	49.6	74.4		
227	61.8	54.5	81.7		



Abundance Ion 225.00 (224.70 to 225.70): E
200000
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 24.38 ng

RT: 11.93 min Scan# 1547

Delta R.T. 0.01 min

Lab File: BG023103.D

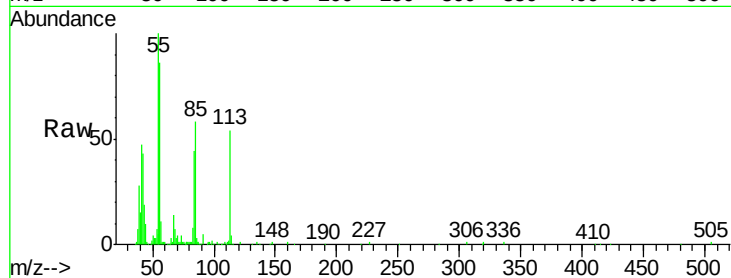
Acq: 14 Jul 2016 16:11

Instrument :

BNA_G

ClientSampleId :

LSS-MW-SB22(20)MSD

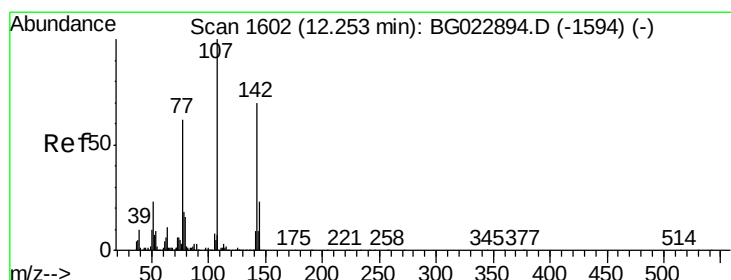
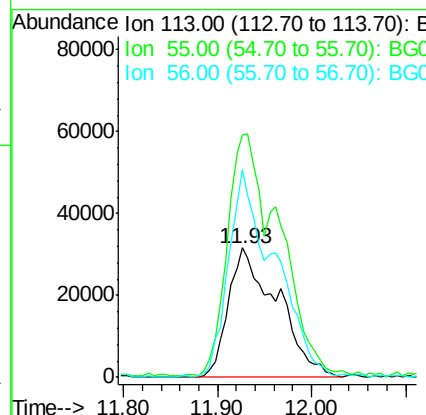
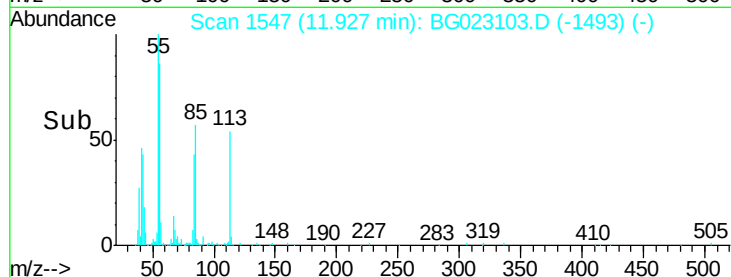


Tot Ion:	113	Resp:	114044
Ion	Ratio	Lower	Upper
113	100		
55	186.7	154.5	194.5
56	160.0	125.1	165.1

Manual Integrations

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#36

4-Chloro-3-methylphenol

Concen: 26.60 ng

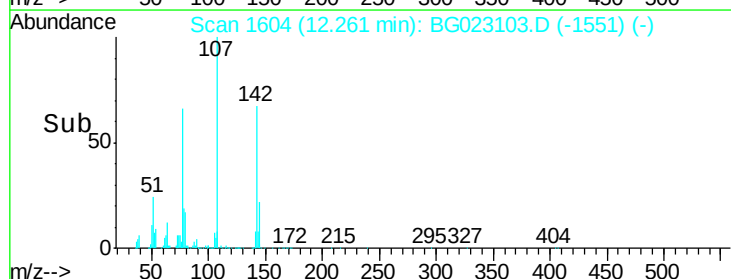
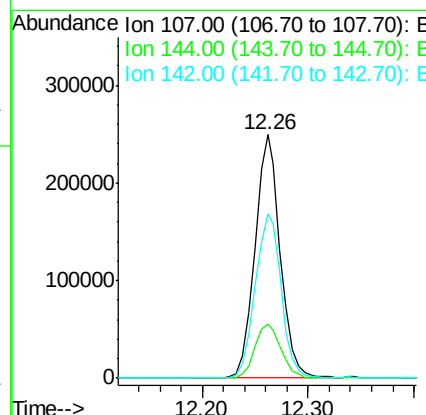
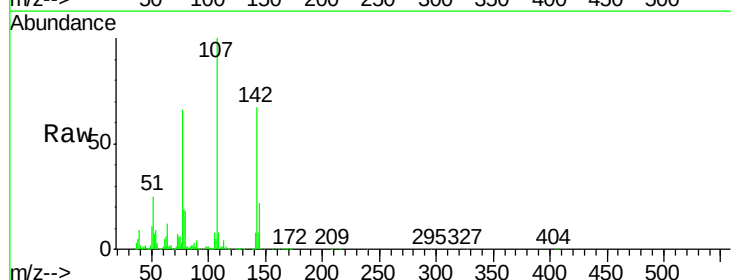
RT: 12.26 min Scan# 1604

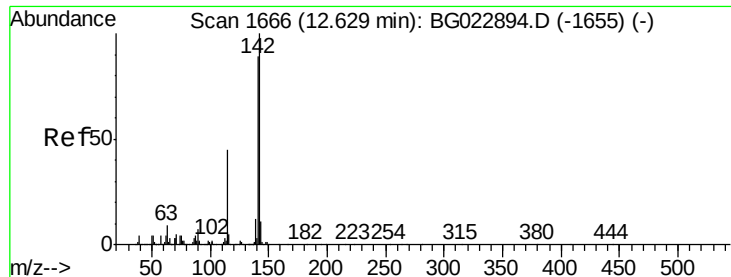
Delta R.T. 0.01 min

Lab File: BG023103.D

Acq: 14 Jul 2016 16:11

Tgt Ion:	107	Resp:	413684
Ion	Ratio	Lower	Upper
107	100		
144	22.2	17.0	25.6
142	67.3	53.0	79.6





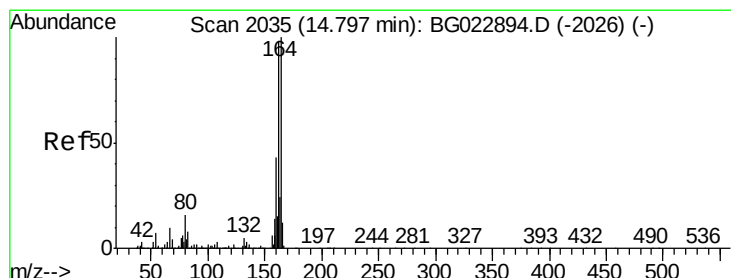
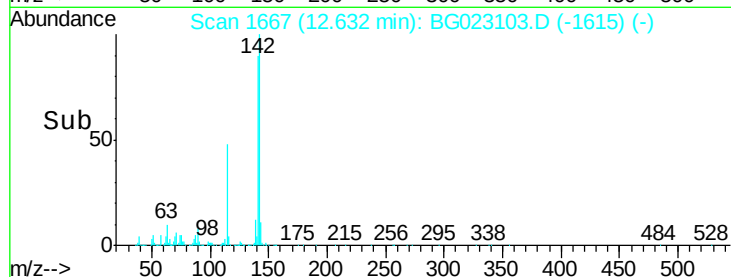
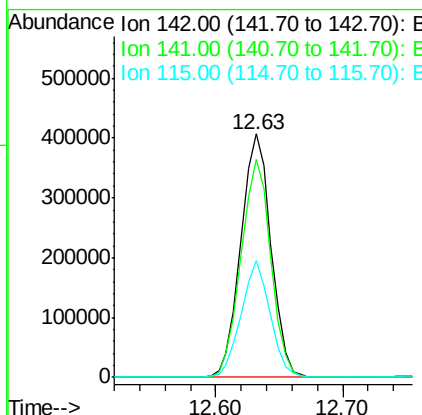
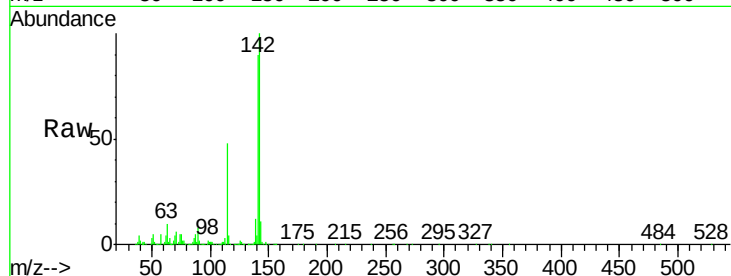
#37
2-Methylnaphthalene
Concen: 26.34 ng
RT: 12.63 min Scan# 1667
Delta R.T. 0.00 min
Lab File: BG023103.D
Acq: 14 Jul 2016 16:11

Instrument :
BNA_G
ClientSampleId :
LSS-MW-SB22(20)MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	70.2	105.2
115	47.8	41.7	62.5

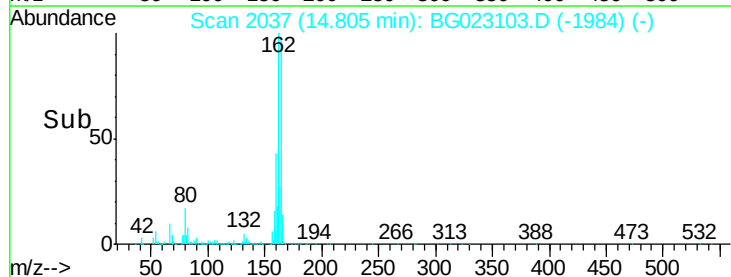
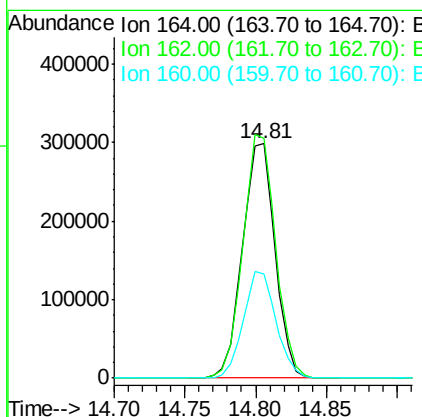
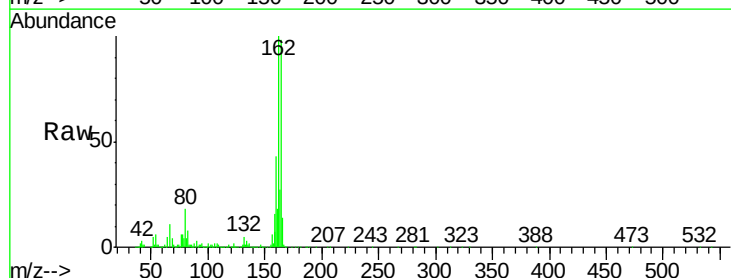
Manual Integrations

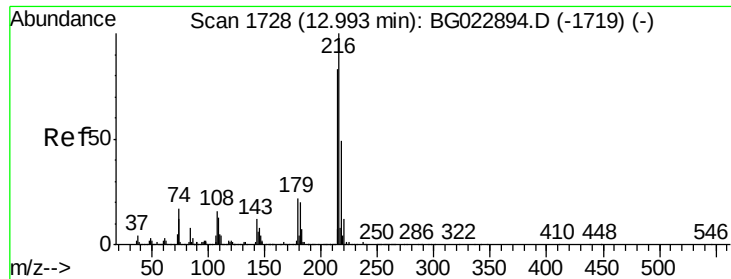
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.81 min Scan# 2037
Delta R.T. 0.01 min
Lab File: BG023103.D
Acq: 14 Jul 2016 16:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	87.7	131.5
160	44.5	37.2	55.8





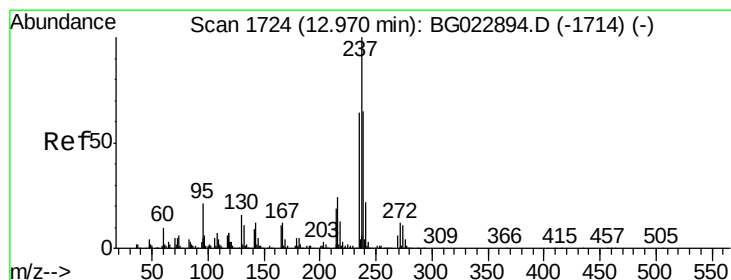
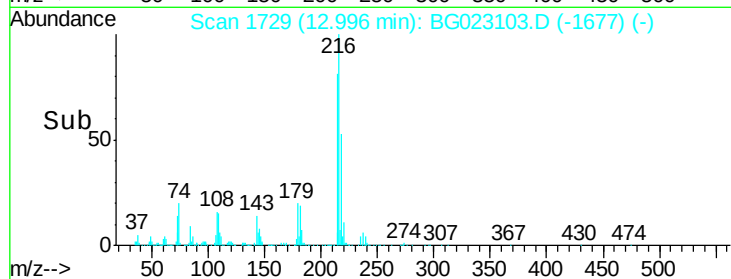
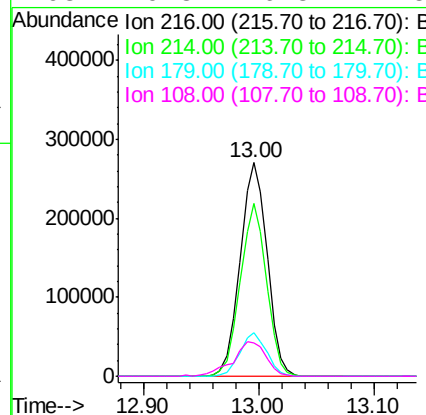
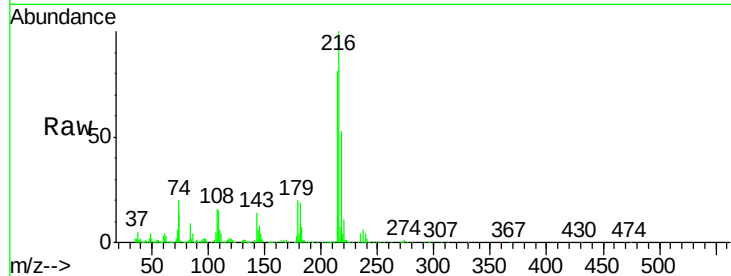
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 20.94 ng
 RT: 13.00 min Scan# 1729
 Delta R.T. 0.00 min
 Lab File: BG023103.D
 Acq: 14 Jul 2016 16:11

Instrument :
 BNA_G
 ClientSampleId :
 LSS-MW-SB22(20)MSD

Tot Ion	Ratio	Lower	Upper
216	100		
214	78.8	62.9	94.3
179	20.2	17.2	25.8
108	19.8	16.3	24.5

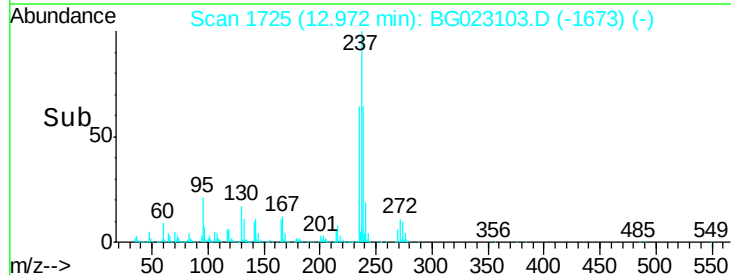
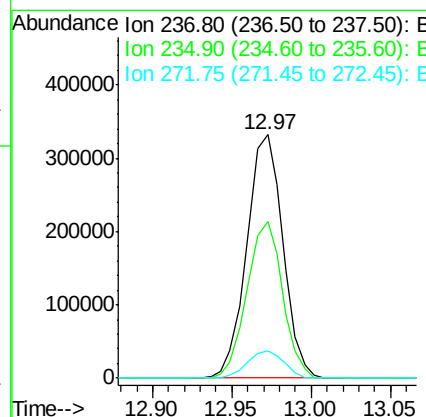
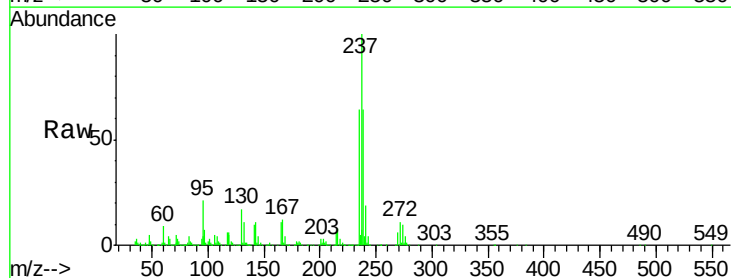
Manual Integrations

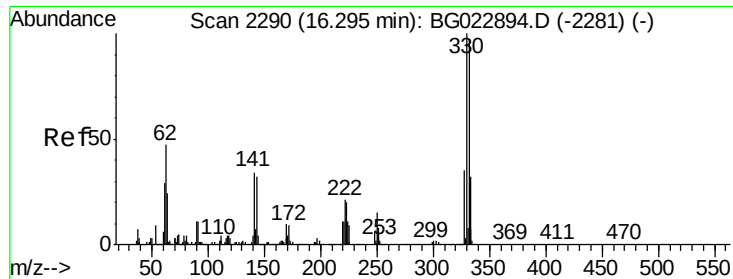
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#40
 Hexachlorocyclopentadiene
 Concen: 43.88 ng
 RT: 12.97 min Scan# 1725
 Delta R.T. 0.00 min
 Lab File: BG023103.D
 Acq: 14 Jul 2016 16:11

Tgt Ion	Ratio	Lower	Upper
237	100		
235	64.3	43.1	83.1
272	11.1	0.0	30.9





#41

2,4,6-Tribromophenol

Concen: 105.67 ng

RT: 16.30 min Scan# 2291

Delta R.T. 0.00 min

Lab File: BG023103.D

Acq: 14 Jul 2016 16:11

Instrument :

BNA_G

ClientSampleId :

LSS-MW-SB22(20)MSD

Tot Ion:330 Resp: 916046

Ion Ratio Lower Upper

330 100

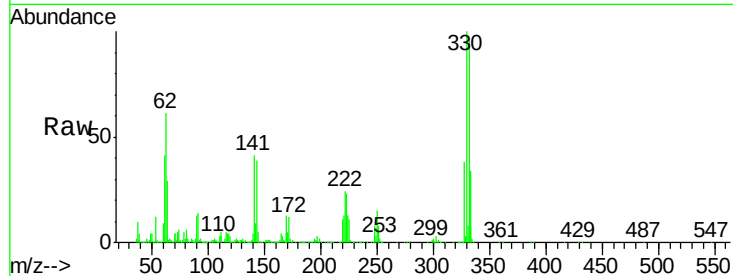
332 99.0 77.4 116.2

141 41.1 31.7 47.5

Manual Integrations

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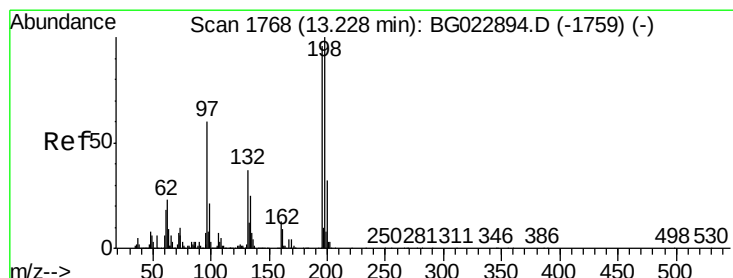
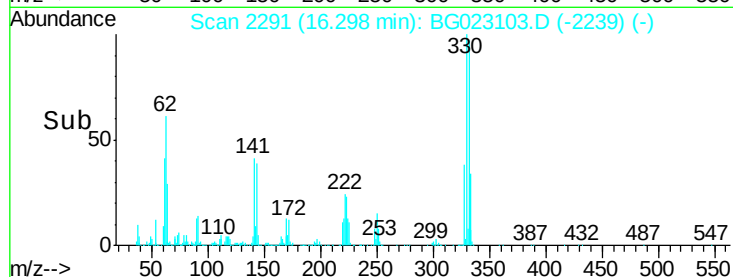
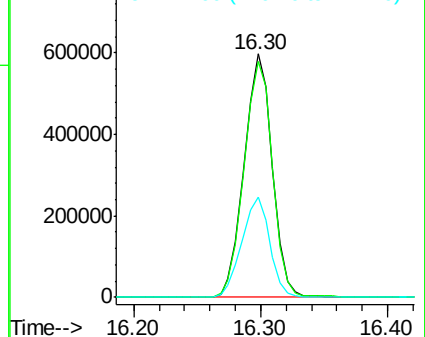
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Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 26.88 ng

RT: 13.24 min Scan# 1770

Delta R.T. 0.01 min

Lab File: BG023103.D

Acq: 14 Jul 2016 16:11

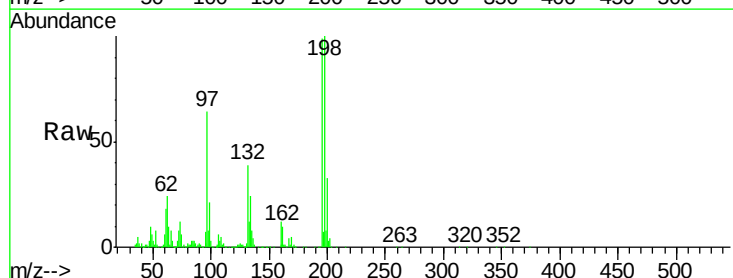
Tgt Ion:196 Resp: 321174

Ion Ratio Lower Upper

196 100

198 100.8 78.2 117.2

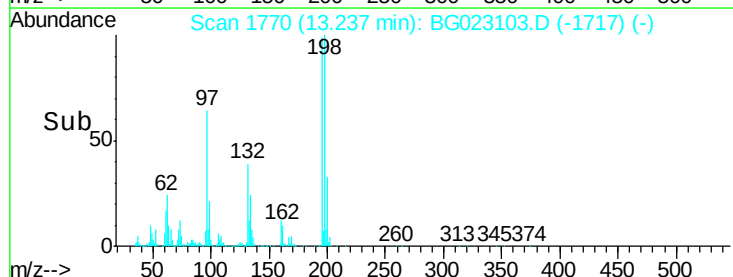
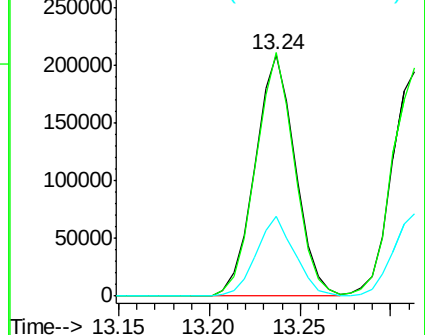
200 33.1 27.0 40.4

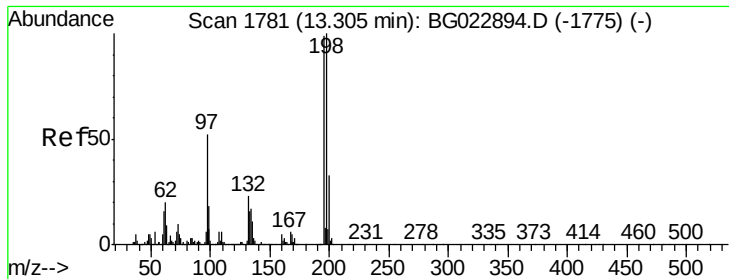


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





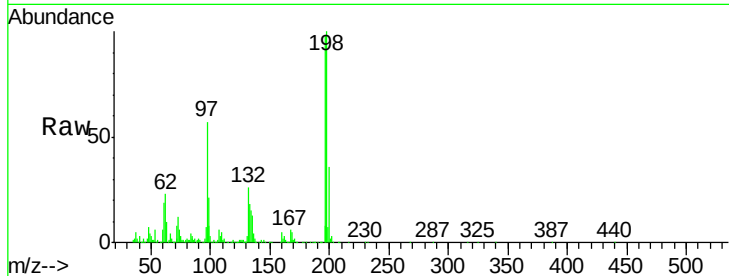
#43
 2,4,5-Trichlorophenol
 Concen: 27.00 ng
 RT: 13.31 min Scan# 1783
 Delta R.T. 0.01 min
 Lab File: BG023103.D
 Acq: 14 Jul 2016 16:11

Instrument :
 BNA_G
 ClientSampleId :
 LSS-MW-SB22(20)MSD

Tot Ion:	196	Resp:	331306
Ion Ratio	Lower	Upper	
196	100		
198	101.6	85.7	128.5
97	58.0	45.5	68.3
132	26.8	18.9	28.3

Manual Integrations

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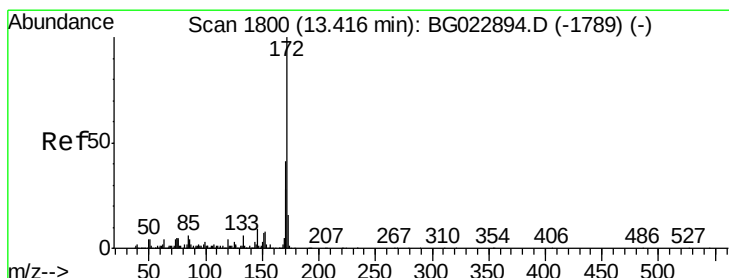
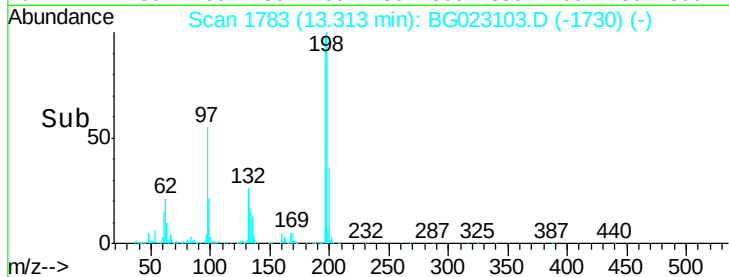
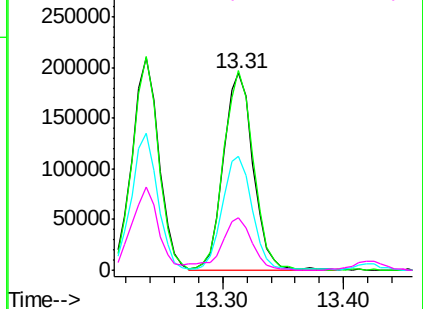
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 80.76 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: BG023103.D
 Acq: 14 Jul 2016 16:11

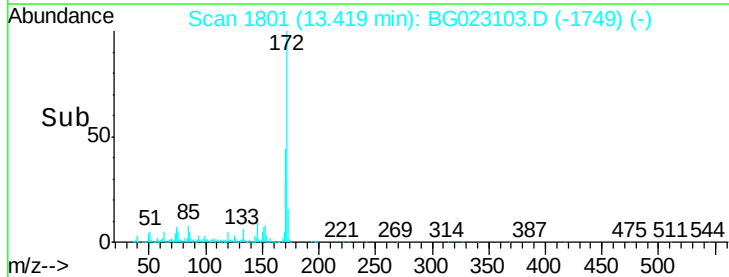
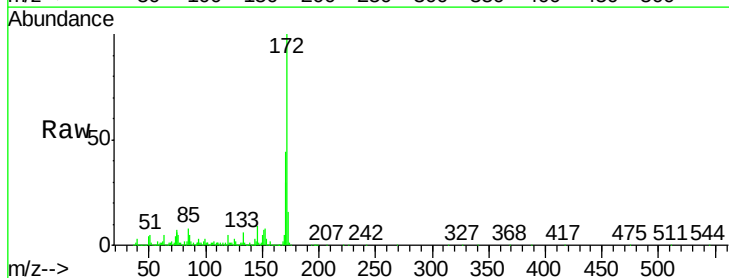
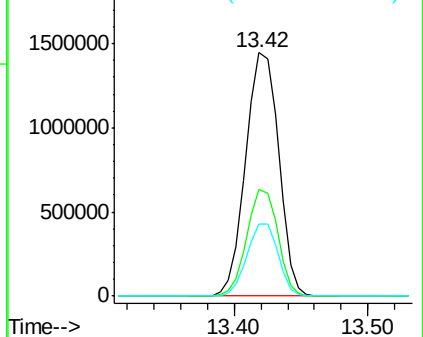
Tgt Ion:	172	Resp:	2472935
Ion Ratio	Lower	Upper	
172	100		
171	43.7	31.6	47.4
170	29.7	21.3	31.9

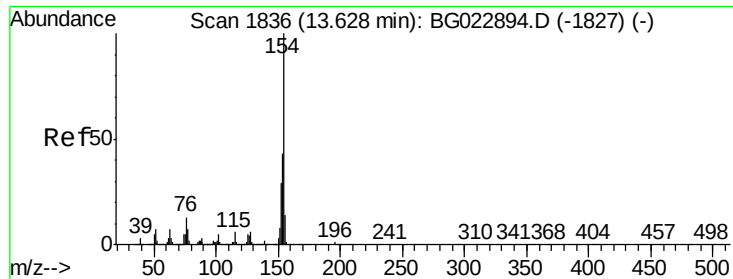
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





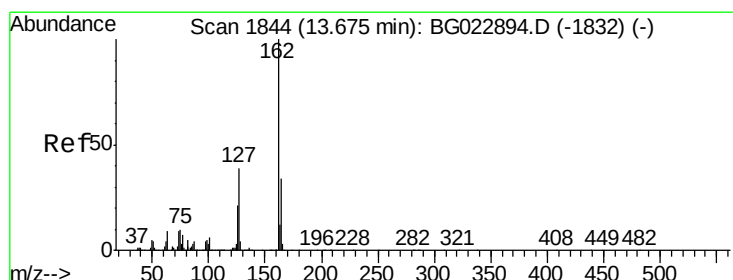
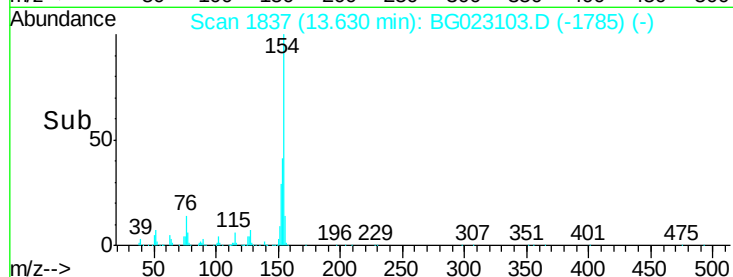
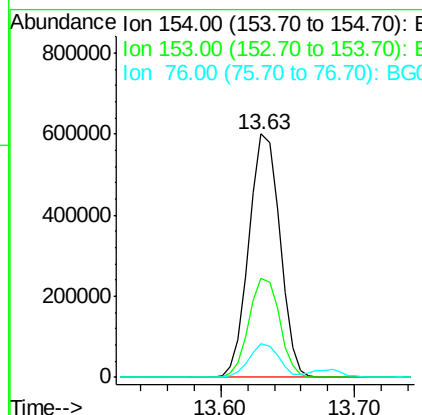
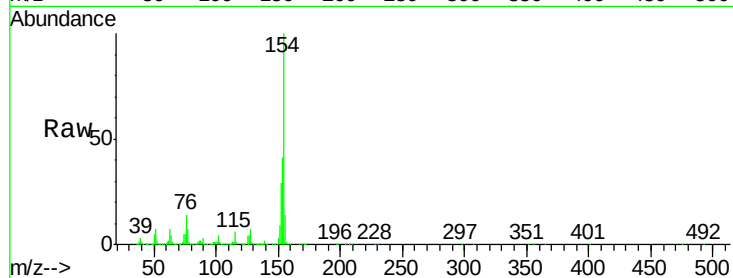
#45
1,1'-Biphenyl
Concen: 26.60 ng
RT: 13.63 min Scan# 1837
Delta R.T. 0.00 min
Lab File: BG023103.D
Acq: 14 Jul 2016 16:11

Instrument :
BNA_G
ClientSampleId :
LSS-MW-SB22(20)MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.2	60.2
76	13.8	0.0	32.9

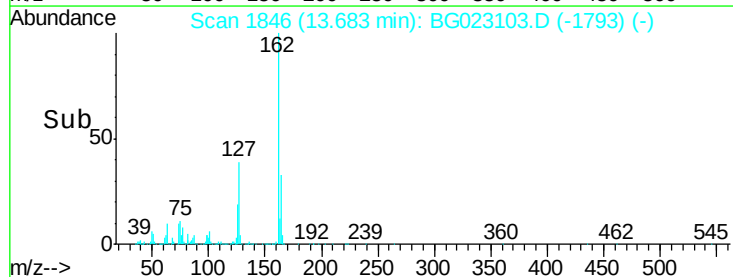
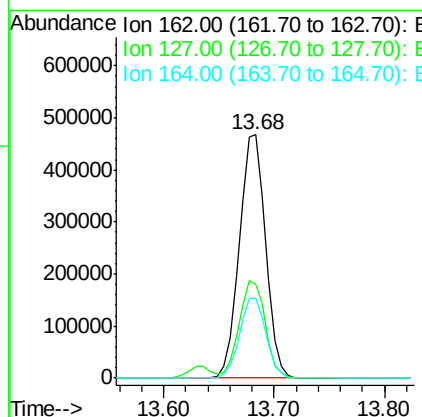
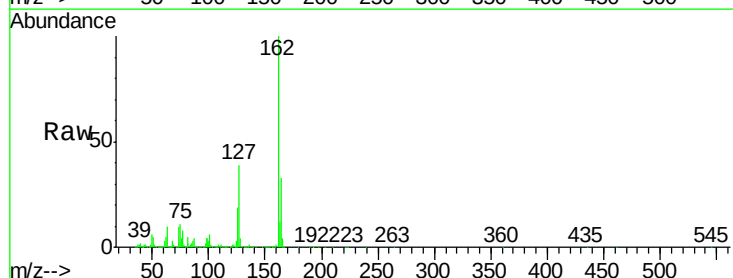
Manual Integrations

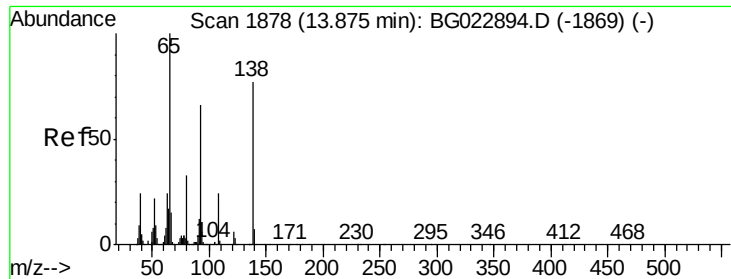
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#46
2-Chloronaphthalene
Concen: 26.58 ng
RT: 13.68 min Scan# 1846
Delta R.T. 0.01 min
Lab File: BG023103.D
Acq: 14 Jul 2016 16:11

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.6	32.4	48.6
164	32.7	25.2	37.8





#47

2-Nitroaniline

Concen: 27.60 ng

RT: 13.88 min Scan# 1880

Delta R.T. 0.01 min

Lab File: BG023103.D

Acq: 14 Jul 2016 16:11

Instrument :

BNA_G

ClientSampleId :

LSS-MW-SB22(20)MSD

Tot Ion: 65 Resp: 345766

Ion Ratio Lower Upper

65 100

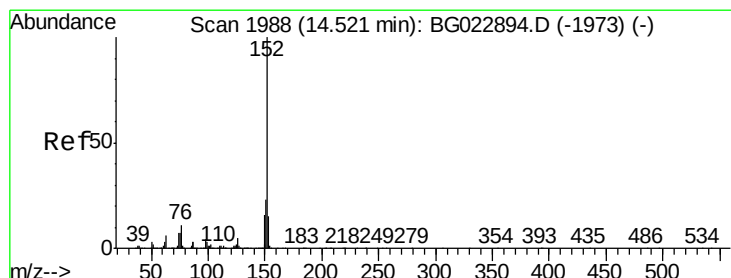
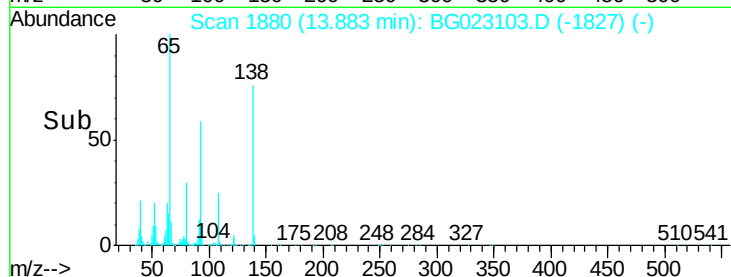
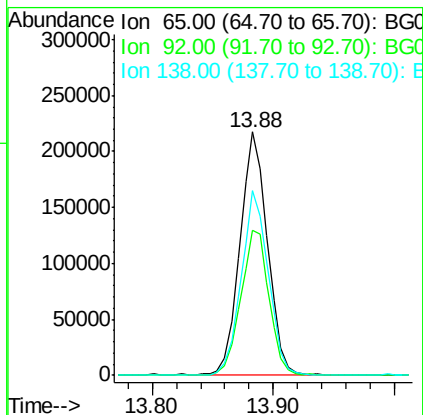
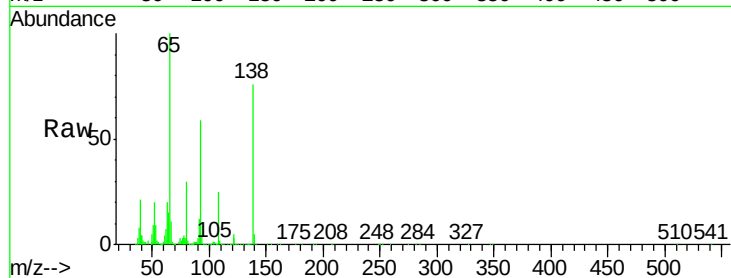
92 59.4 49.4 74.0

138 76.0 58.0 87.0

Manual Integrations

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#48

Acenaphthylene

Concen: 26.35 ng

RT: 14.52 min Scan# 1989

Delta R.T. 0.00 min

Lab File: BG023103.D

Acq: 14 Jul 2016 16:11

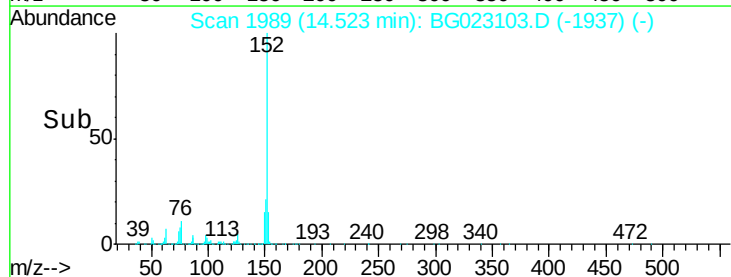
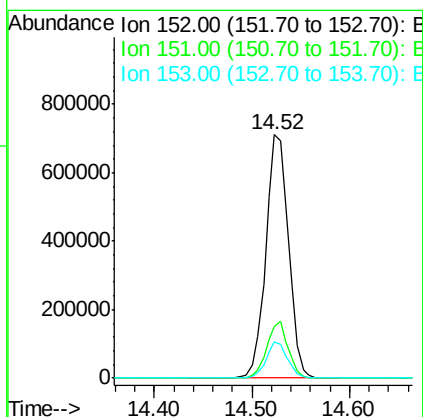
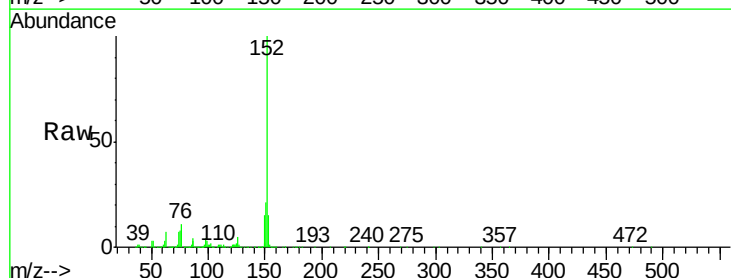
Tgt Ion: 152 Resp: 1160196

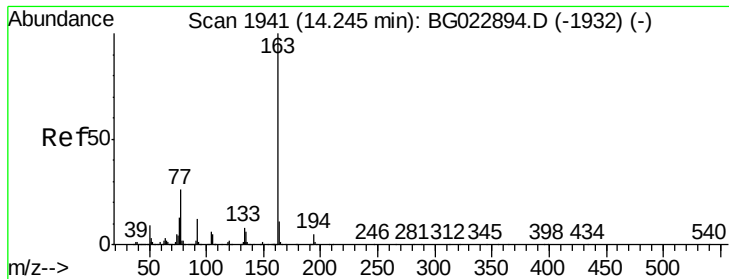
Ion Ratio Lower Upper

152 100

151 21.3 17.6 26.4

153 14.9 11.4 17.2





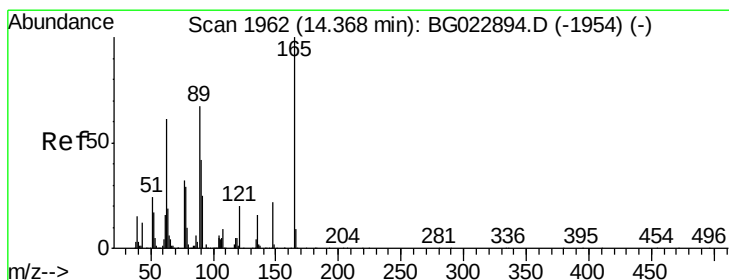
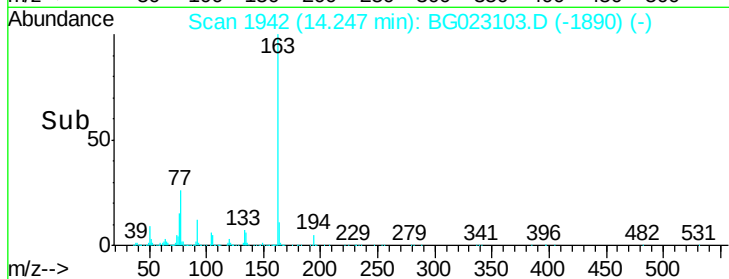
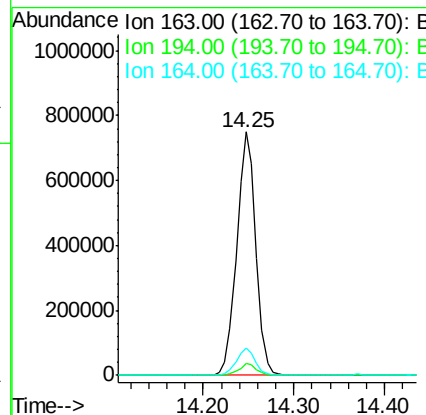
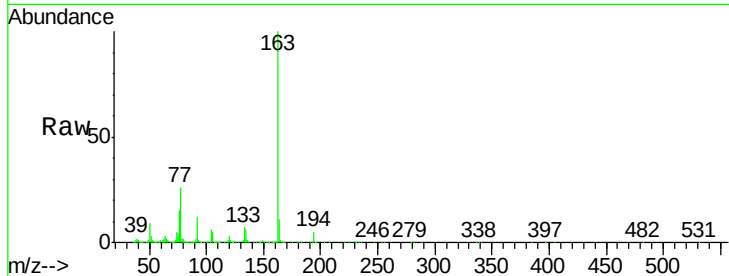
#49
Dimethylphthalate
Concen: 27.74 ng
RT: 14.25 min Scan# 1942
Delta R.T. 0.00 min
Lab File: BG023103.D
Acq: 14 Jul 2016 16:11

Instrument :
BNA_G
ClientSampleId :
LSS-MW-SB22(20)MSD

Tot Ion:163 Resp: 1092990
Ion Ratio Lower Upper
163 100
194 4.7 3.6 5.4
164 11.0 8.1 12.1

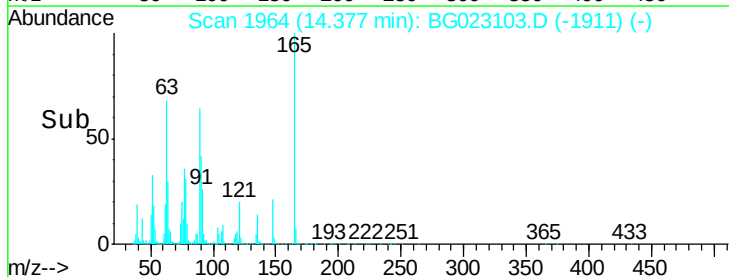
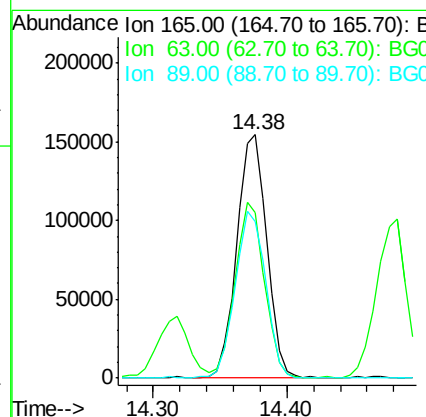
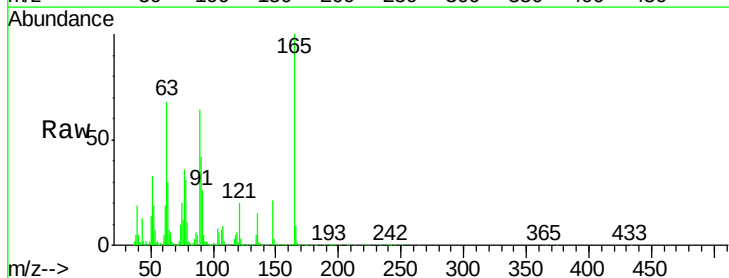
Manual Integrations

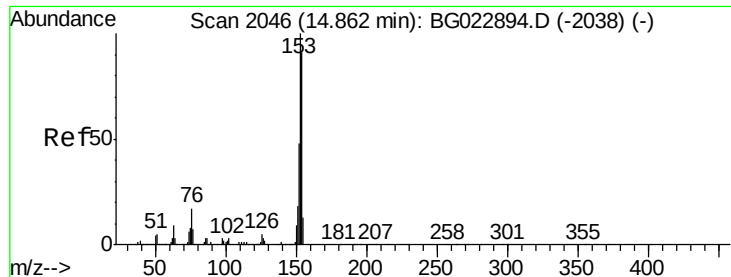
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#50
2,6-Dinitrotoluene
Concen: 27.23 ng
RT: 14.38 min Scan# 1964
Delta R.T. 0.01 min
Lab File: BG023103.D
Acq: 14 Jul 2016 16:11

Tgt Ion:165 Resp: 241116
Ion Ratio Lower Upper
165 100
63 68.0 64.3 96.5
89 64.1 64.3 96.5#





#51

Acenaphthene

Concen: 26.70 ng

RT: 14.87 min Scan# 2048

Delta R.T. 0.01 min

Lab File: BG023103.D

Acq: 14 Jul 2016 16:11

Instrument :

BNA_G

ClientSampleId :

LSS-MW-SB22(20)MSD

Tot Ion:154 Resp: 768327

Ion Ratio Lower Upper

154 100

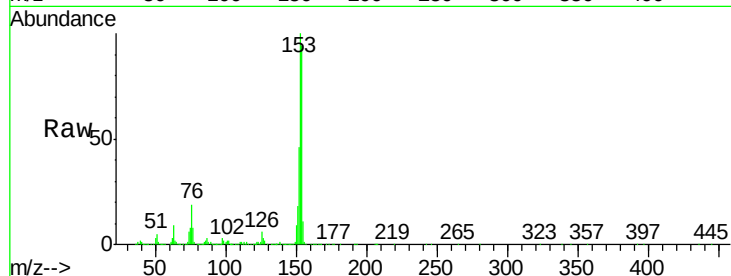
153 106.5 87.5 131.3

152 49.5 42.7 64.1

Manual Integrations

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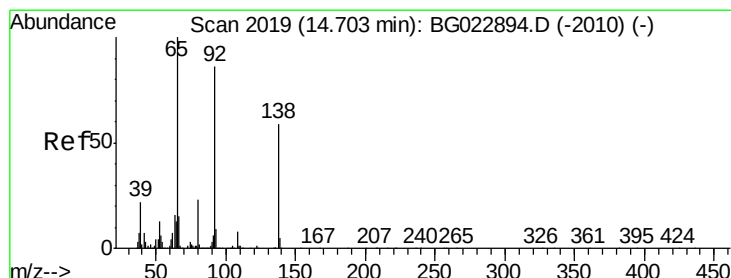
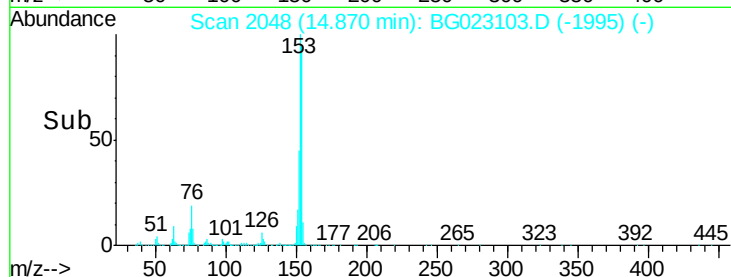
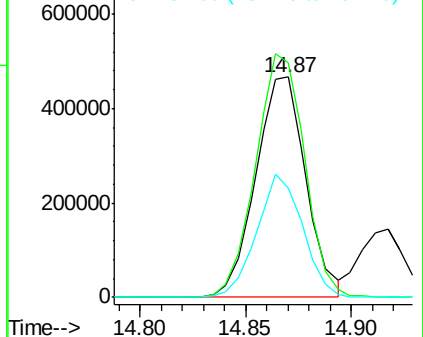
7/15/2016 9:14:20 AM



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: 14.12 ng

RT: 14.71 min Scan# 2021

Delta R.T. 0.01 min

Lab File: BG023103.D

Acq: 14 Jul 2016 16:11

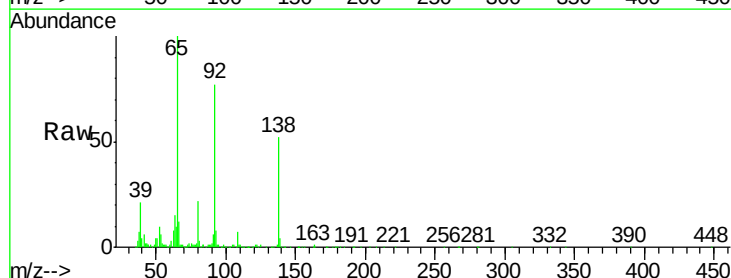
Tgt Ion:138 Resp: 124680

Ion Ratio Lower Upper

138 100

108 14.1 11.7 17.5

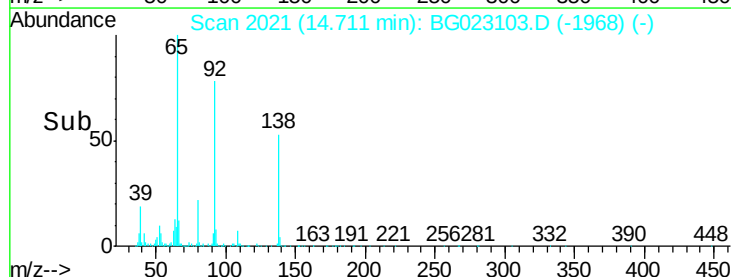
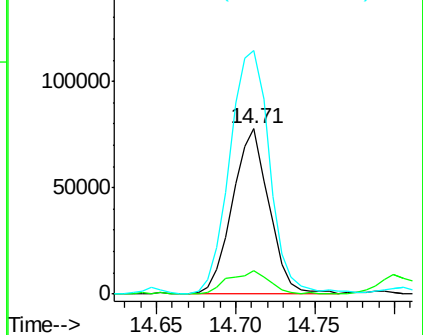
92 147.6 129.7 194.5

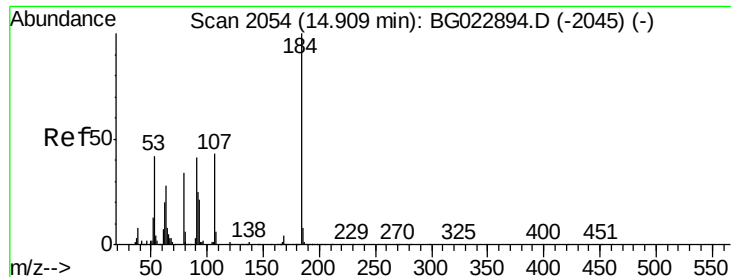


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





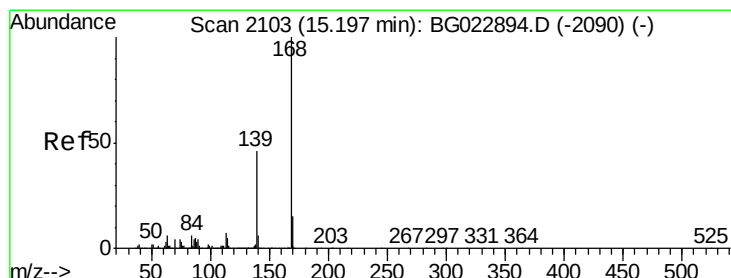
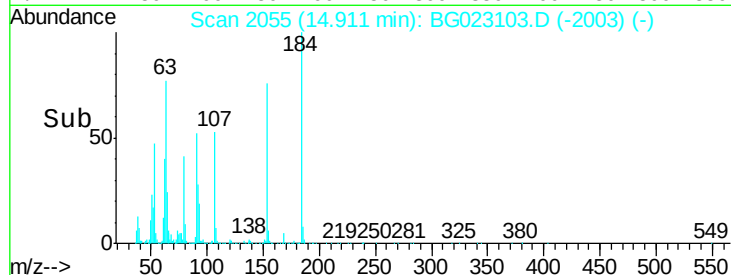
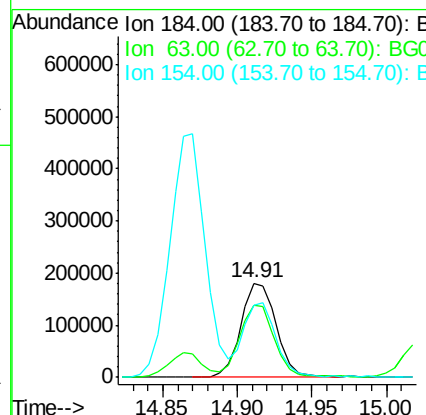
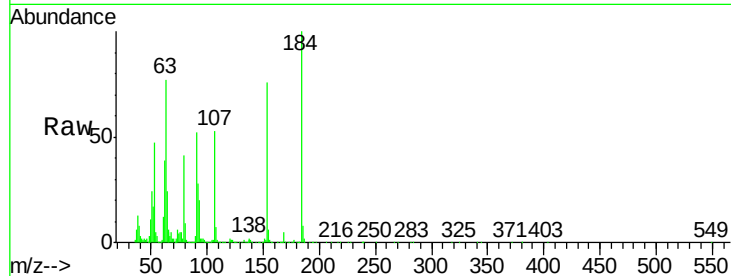
#53
2,4-Dinitrophenol
Concen: 48.90 ng
RT: 14.91 min Scan# 2055
Delta R.T. 0.00 min
Lab File: BG023103.D
Acq: 14 Jul 2016 16:11

Instrument :
BNA_G
ClientSampleId :
LSS-MW-SB22(20)MSD

Tot Ion	Ion	Ratio	Lower	Upper
184	100			
63	76.9	59.6	89.4	
154	76.0	67.4	101.0	

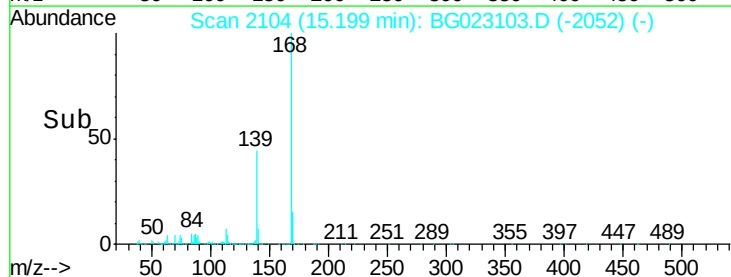
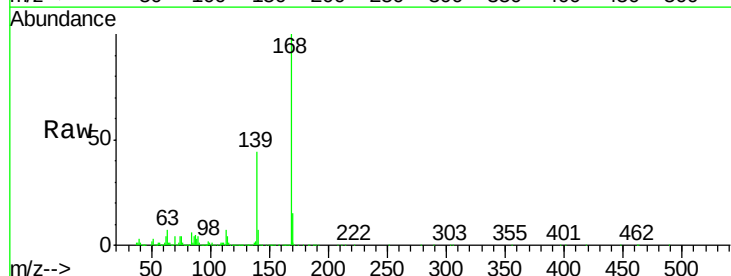
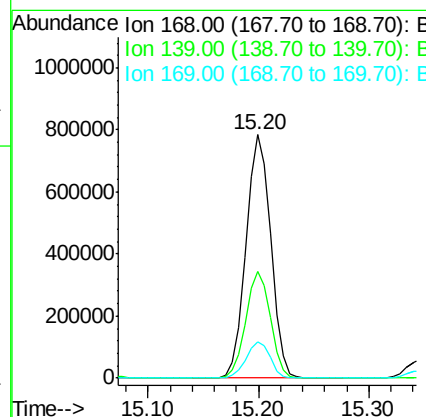
Manual Integrations

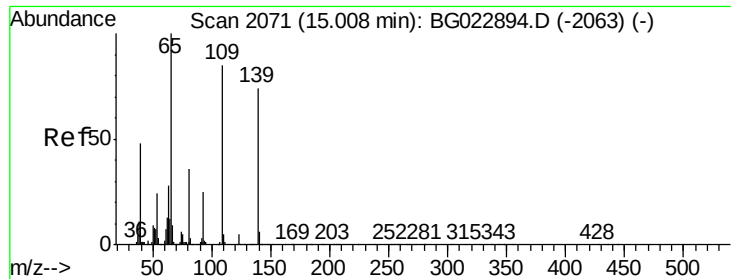
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#54
Dibenzofuran
Concen: 28.71 ng
RT: 15.20 min Scan# 2104
Delta R.T. 0.00 min
Lab File: BG023103.D
Acq: 14 Jul 2016 16:11

Tgt Ion	Ion	Ratio	Lower	Upper
168	100			
139	43.8	36.4	54.6	
169	14.8	11.9	17.9	





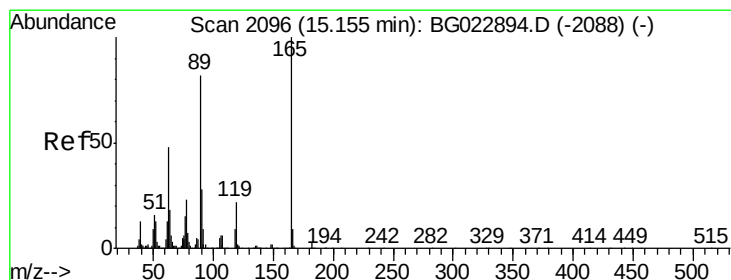
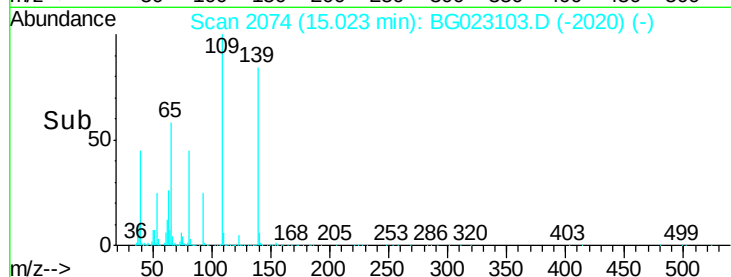
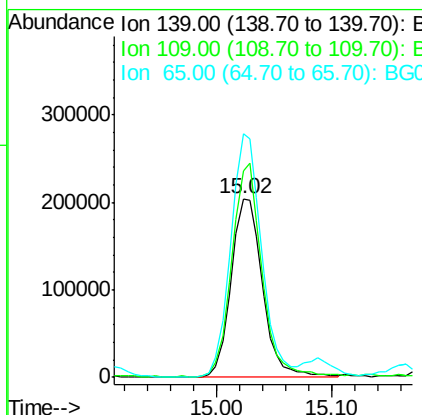
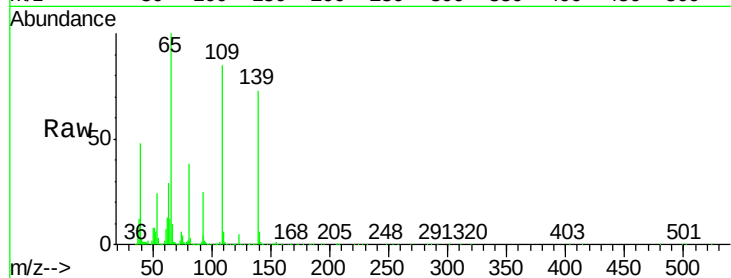
#55
4-Nitrophenol
Concen: 52.06 ng
RT: 15.02 min Scan# 2074
Delta R.T. 0.01 min
Lab File: BG023103.D
Acq: 14 Jul 2016 16:11

Instrument :
BNA_G
ClientSampleId :
LSS-MW-SB22(20)MSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	115.6	103.0	143.0
65	136.4	112.7	152.7

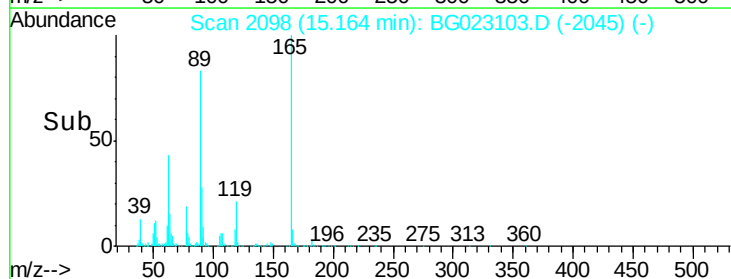
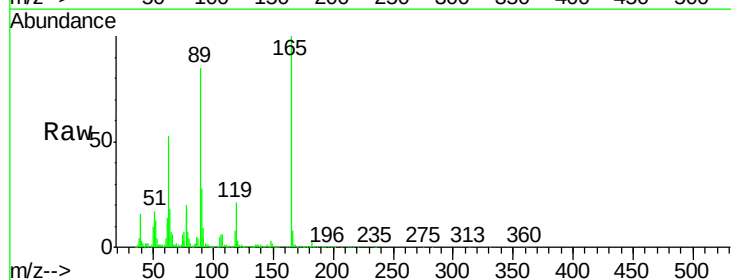
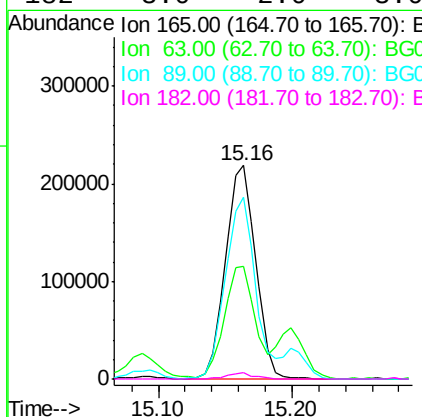
Manual Integrations

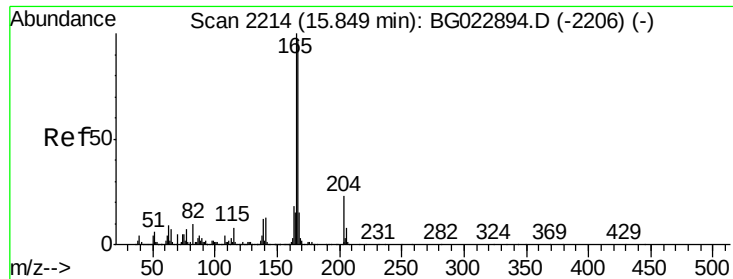
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#56
2,4-Dinitrotoluene
Concen: 26.92 ng
RT: 15.16 min Scan# 2098
Delta R.T. 0.01 min
Lab File: BG023103.D
Acq: 14 Jul 2016 16:11

Tgt Ion	Ratio	Lower	Upper
165	100		
63	52.8	45.8	68.6
89	85.1	68.6	102.8
182	3.0	2.0	3.0#





#57

Fluorene

Concen: 26.62 ng

RT: 15.85 min Scan# 2215

Delta R.T. 0.00 min

Lab File: BG023103.D

Acq: 14 Jul 2016 16:11

Instrument :

BNA_G

ClientSampleId :

LSS-MW-SB22(20)MSD

Tot Ion:166 Resp: 986781

Ion Ratio Lower Upper

166 100

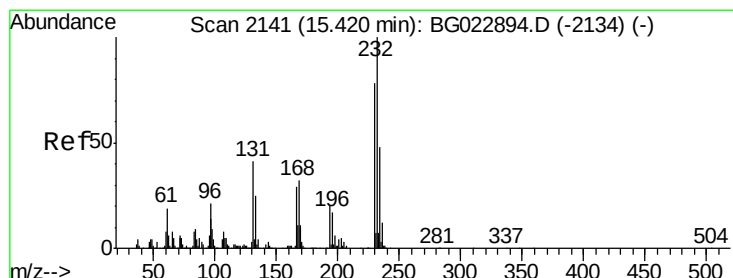
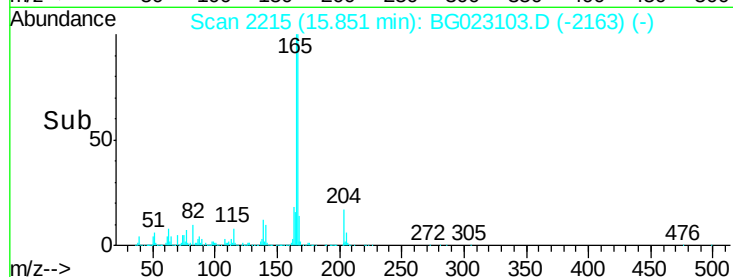
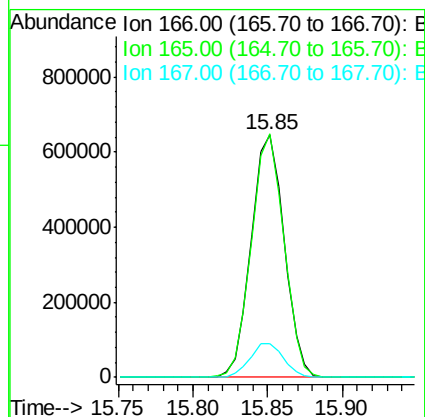
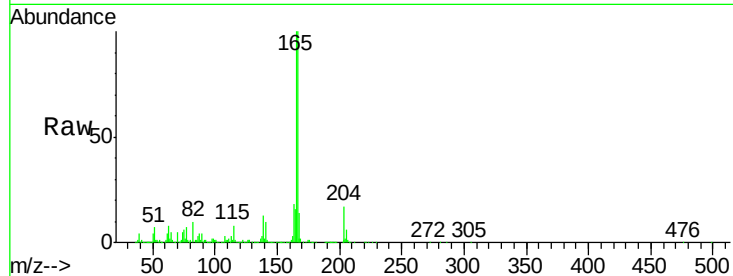
165 100.4 81.0 121.6

167 13.8 12.0 18.0

Manual Integrations

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#58

2,3,4,6-Tetrachlorophenol

Concen: 27.63 ng m

RT: 15.43 min Scan# 2143

Delta R.T. 0.01 min

Lab File: BG023103.D

Acq: 14 Jul 2016 16:11

Tgt Ion:232 Resp: 339097

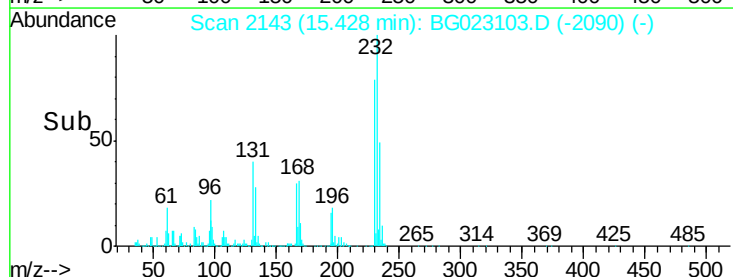
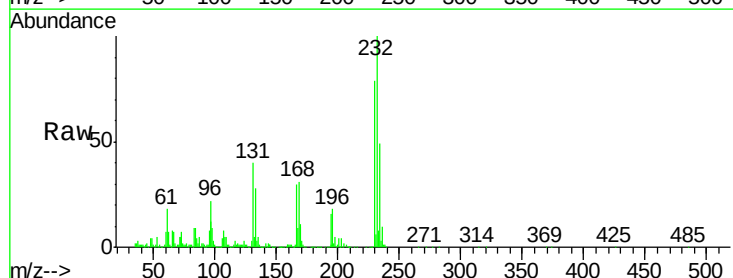
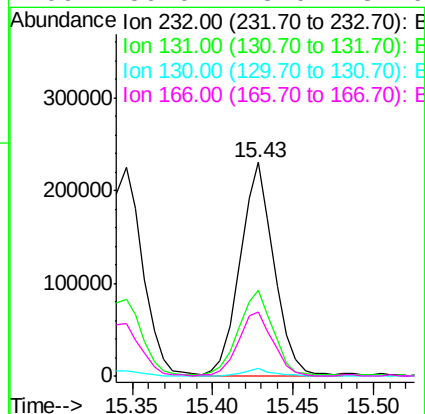
Ion Ratio Lower Upper

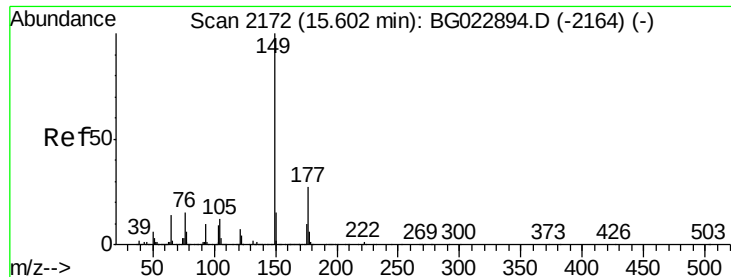
232 100

131 40.3 32.7 49.1

130 3.0 2.6 3.8

166 30.0 23.0 34.6





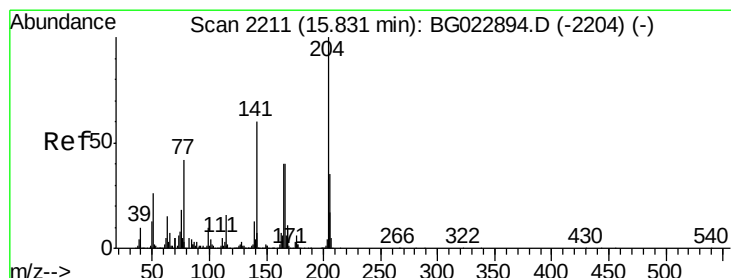
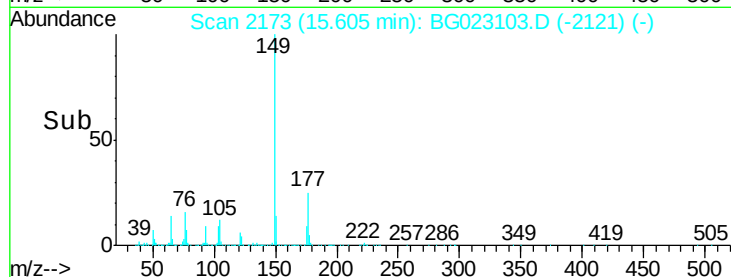
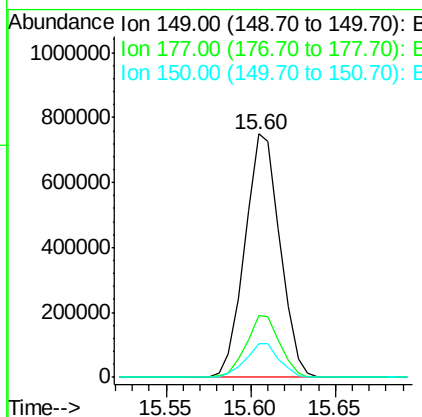
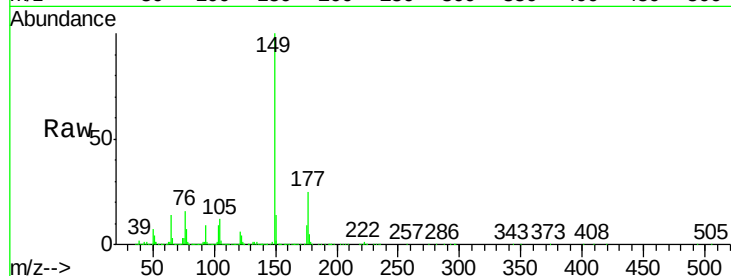
#59
Diethylphthalate
Concen: 26.99 ng
RT: 15.60 min Scan# 2173
Delta R.T. 0.00 min
Lab File: BG023103.D
Acq: 14 Jul 2016 16:11

Instrument :
BNA_G
ClientSampleId :
LSS-MW-SB22(20)MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	25.4	19.2	28.8
150	14.0	10.6	16.0

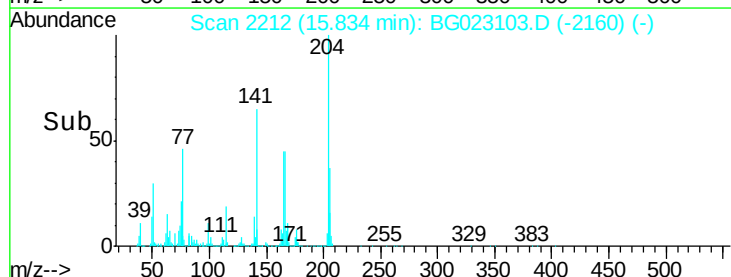
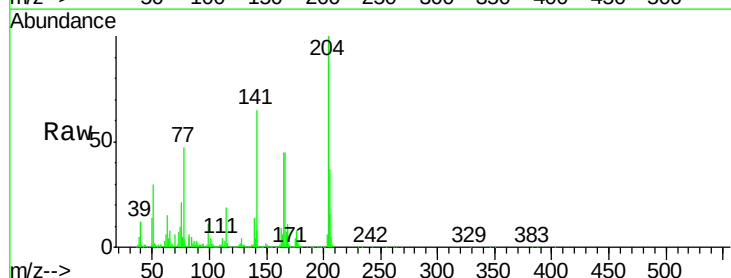
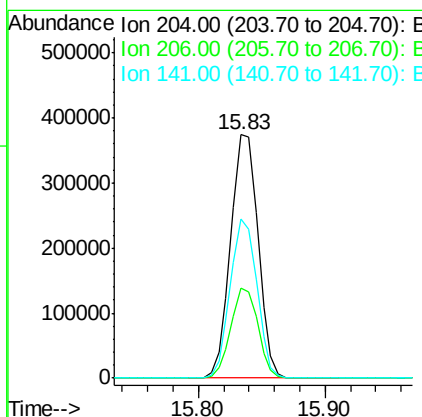
Manual Integrations

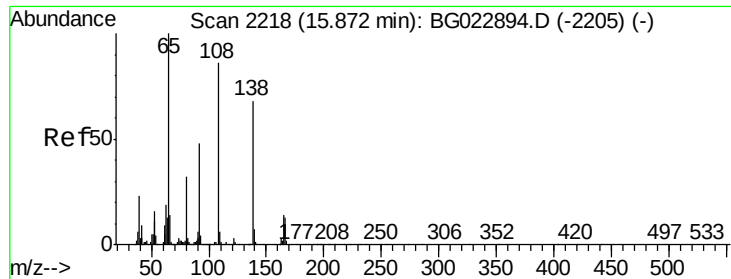
APPROVED
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 24.79 ng
RT: 15.83 min Scan# 2212
Delta R.T. 0.00 min
Lab File: BG023103.D
Acq: 14 Jul 2016 16:11

Tgt Ion	Ratio	Lower	Upper
204	100		
206	36.7	28.5	42.7
141	65.2	51.4	77.0





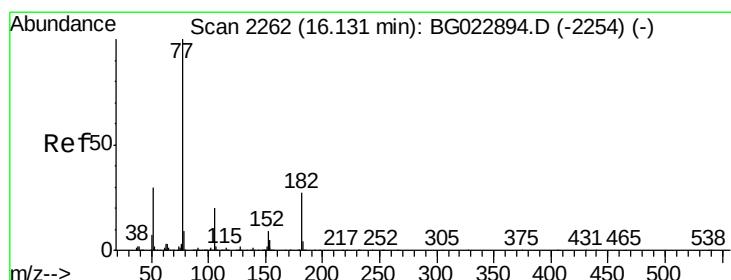
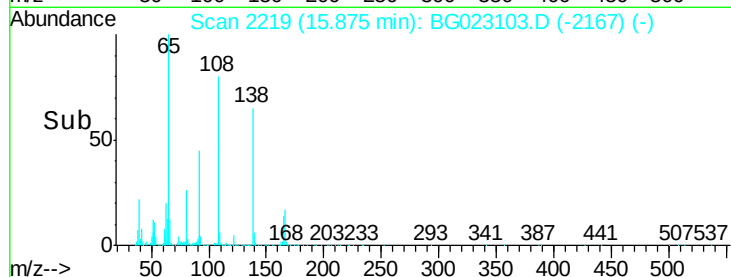
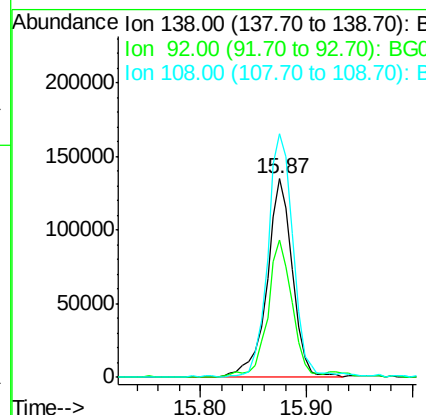
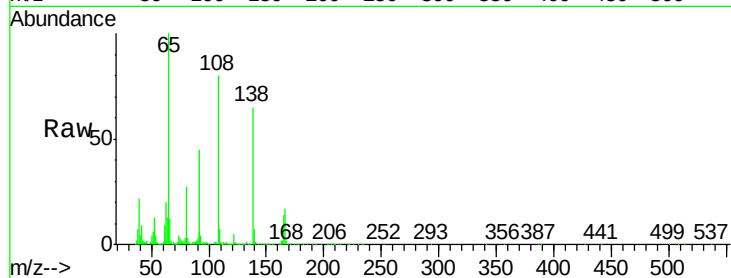
#61
4-Nitroaniline
Concen: 23.57 ng
RT: 15.87 min Scan# 2219
Delta R.T. 0.00 min
Lab File: BG023103.D
Acq: 14 Jul 2016 16:11

Instrument :
BNA_G
ClientSampleId :
LSS-MW-SB22(20)MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	69.0	54.1	94.1
108	122.8	133.9	173.9#

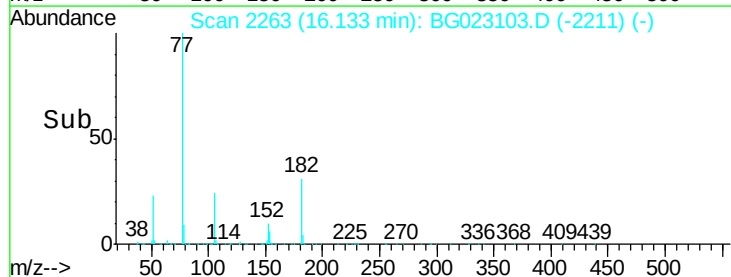
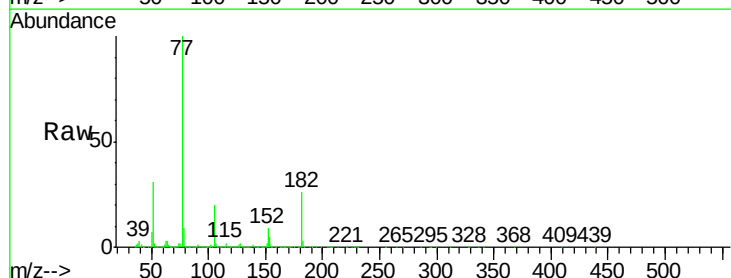
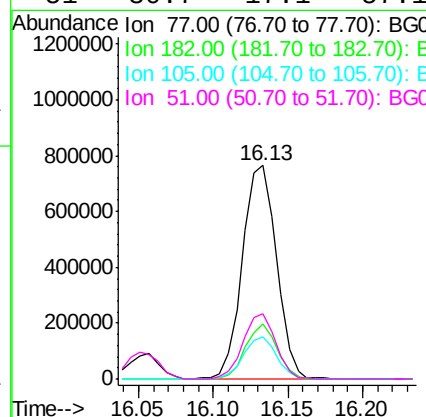
Manual Integrations

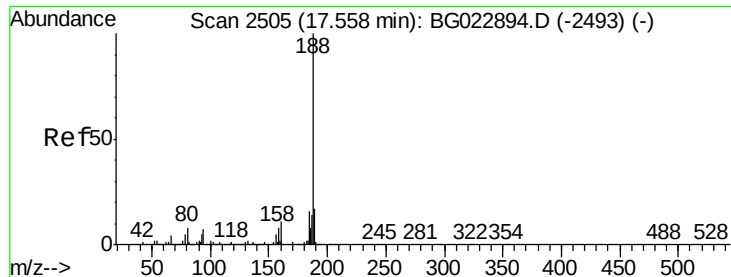
APPROVED
Sohil
7/15/2016 9:14:20 AM



#62
Azobenzene
Concen: 31.37 ng
RT: 16.13 min Scan# 2263
Delta R.T. 0.00 min
Lab File: BG023103.D
Acq: 14 Jul 2016 16:11

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.7	3.5	43.5
105	19.6	0.0	38.5
51	30.7	17.1	57.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 2505

Delta R.T. -0.00 min

Lab File: BG023103.D

Acq: 14 Jul 2016 16:11

Instrument :

BNA_G

ClientSampleId :

LSS-MW-SB22(20)MSD

Tot Ion:188 Resp: 1107698

Ion Ratio Lower Upper

188 100

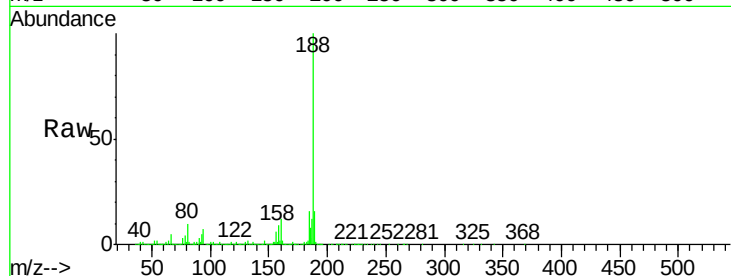
94 6.7 5.2 7.8

80 10.1 7.2 10.8

Manual Integrations

Sohil

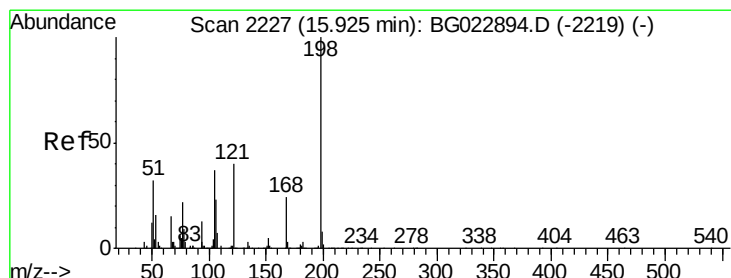
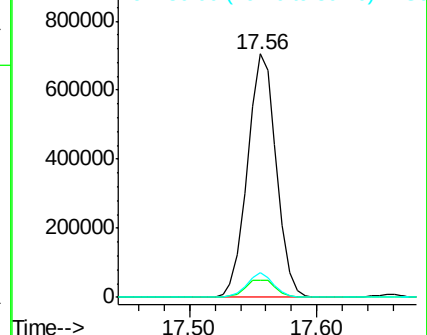
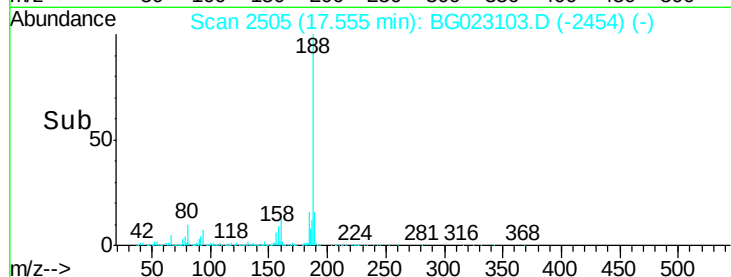
7/15/2016 9:14:20 AM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0



#64

4,6-Dinitro-2-methylphenol

Concen: 26.31 ng

RT: 15.93 min Scan# 2228

Delta R.T. 0.00 min

Lab File: BG023103.D

Acq: 14 Jul 2016 16:11

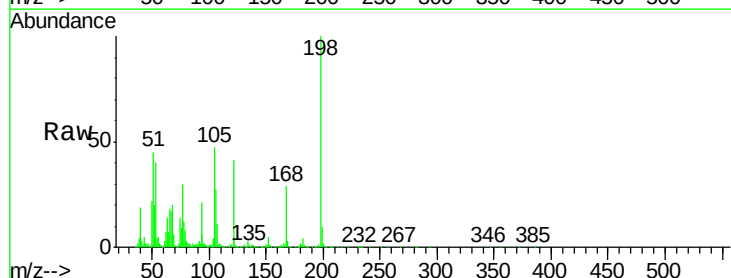
Tgt Ion:198 Resp: 216626

Ion Ratio Lower Upper

198 100

51 45.0 26.0 66.0

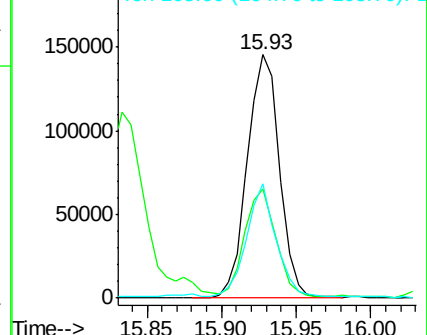
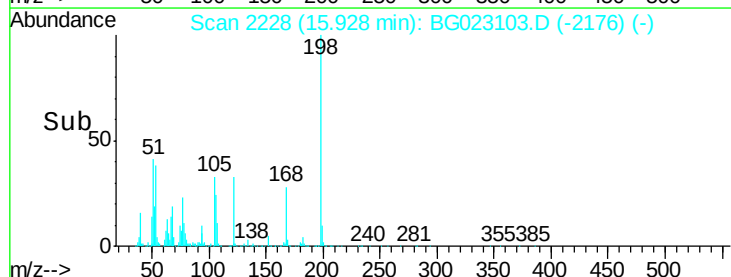
105 46.8 20.1 60.1

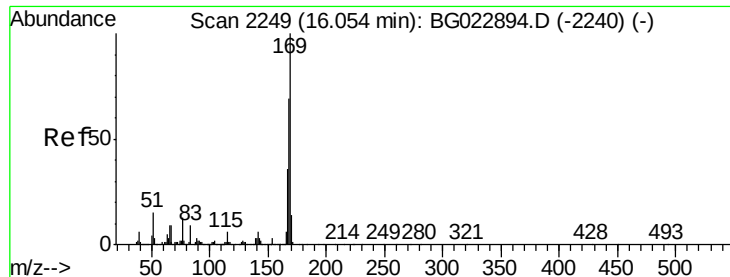


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E





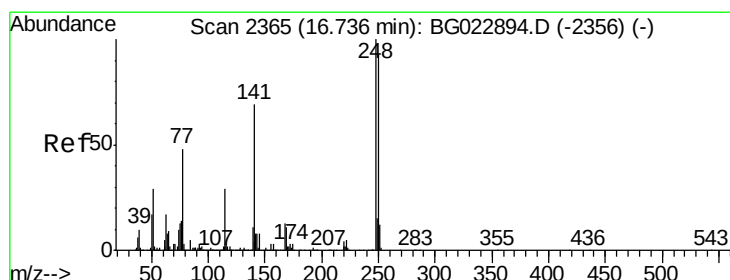
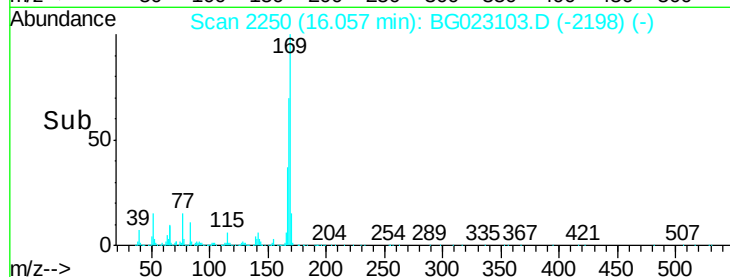
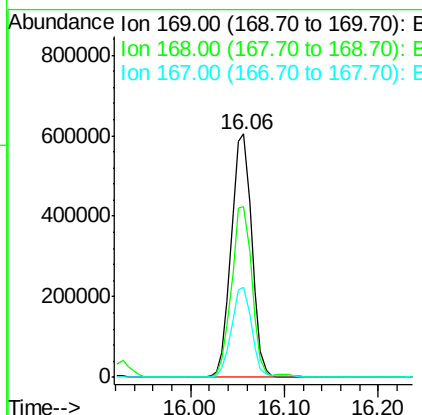
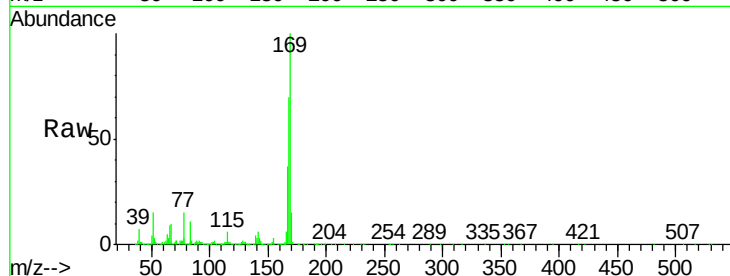
#65
 n-Nitrosodiphenylamine
 Concen: 28.83 ng
 RT: 16.06 min Scan# 2250
 Delta R.T. 0.00 min
 Lab File: BG023103.D
 Acq: 14 Jul 2016 16:11

Instrument :
 BNA_G
 ClientSampleId :
 LSS-MW-SB22(20)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
169	100		920209		
168	70.2	55.0		82.4	
167	37.1	27.4		41.0	

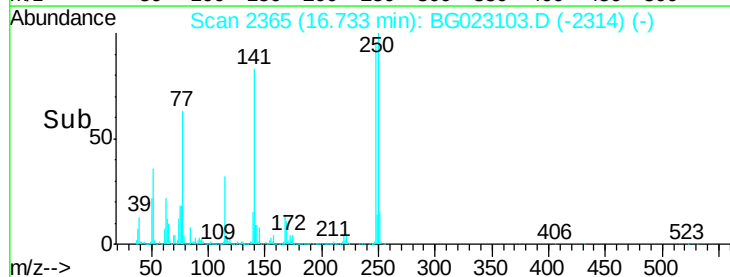
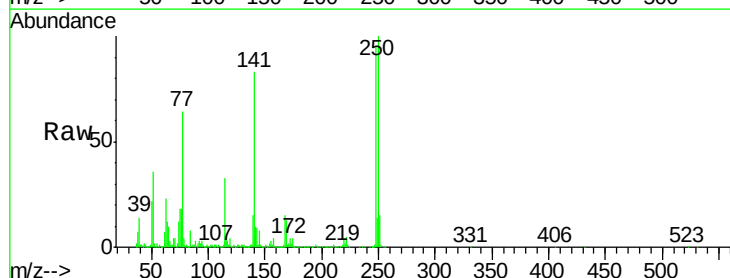
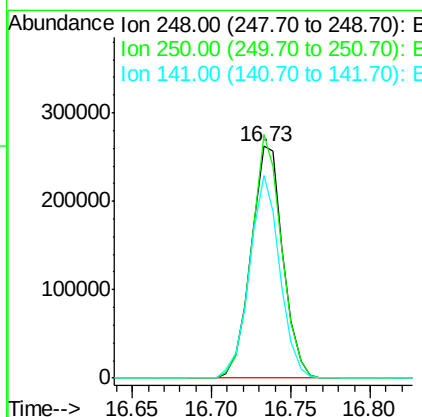
Manual Integrations

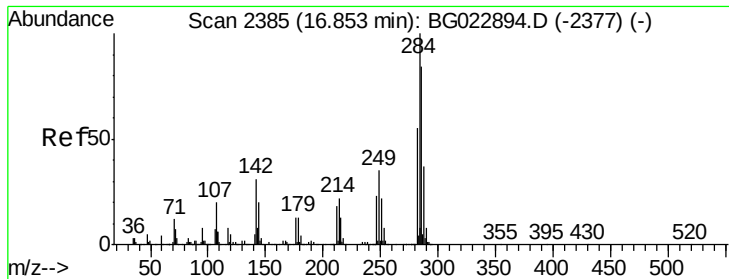
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#66
 4-Bromophenyl-phenylether
 Concen: 25.45 ng
 RT: 16.73 min Scan# 2365
 Delta R.T. -0.00 min
 Lab File: BG023103.D
 Acq: 14 Jul 2016 16:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
248	100		366847		
250	105.2	77.8		116.8	
141	87.3	65.7		98.5	





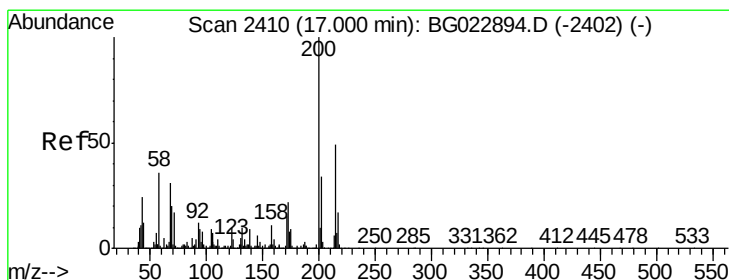
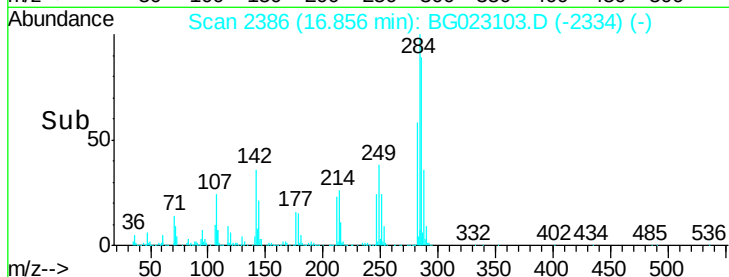
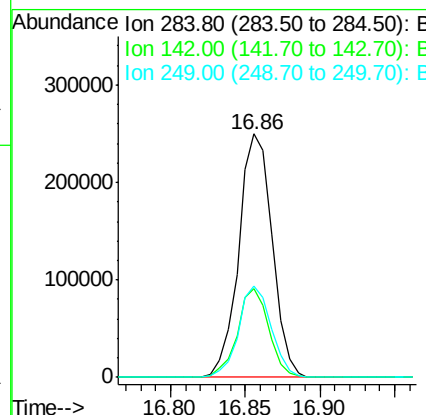
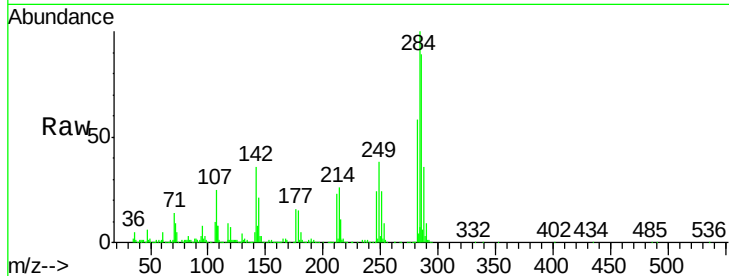
#67
Hexachlorobenzene
Concen: 24.71 ng
RT: 16.86 min Scan# 2386
Delta R.T. 0.00 min
Lab File: BG023103.D
Acq: 14 Jul 2016 16:11

Instrument :
BNA_G
ClientSampleId :
LSS-MW-SB22(20)MSD

Tot Ion	Ratio	Lower	Upper
284	100		
142	36.3	26.8	40.2
249	37.6	28.9	43.3

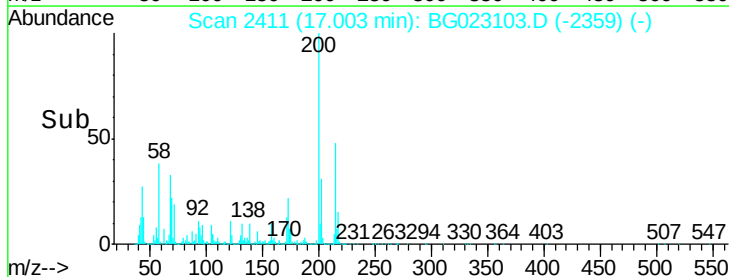
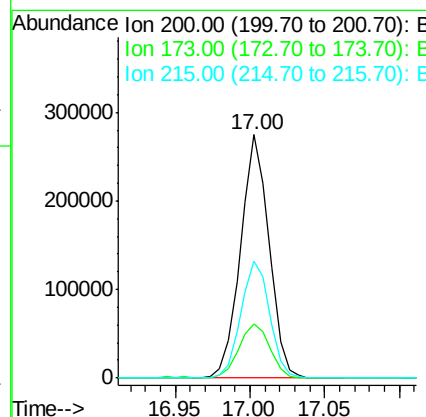
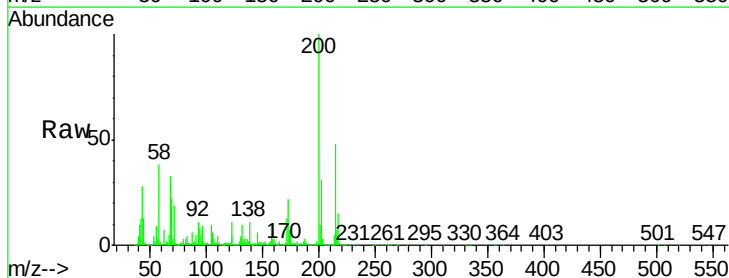
Manual Integrations

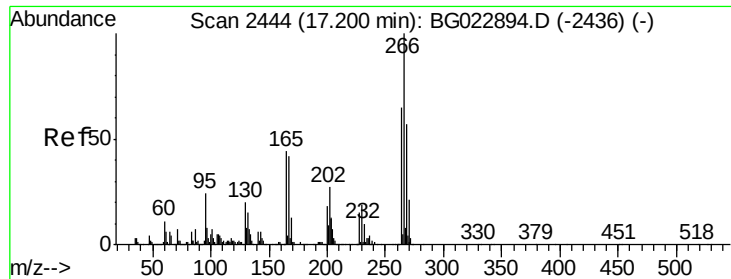
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#68
Atrazine
Concen: 25.76 ng
RT: 17.00 min Scan# 2411
Delta R.T. 0.00 min
Lab File: BG023103.D
Acq: 14 Jul 2016 16:11

Tgt Ion	Ratio	Lower	Upper
200	100		
173	22.3	1.6	41.6
215	47.8	28.7	68.7





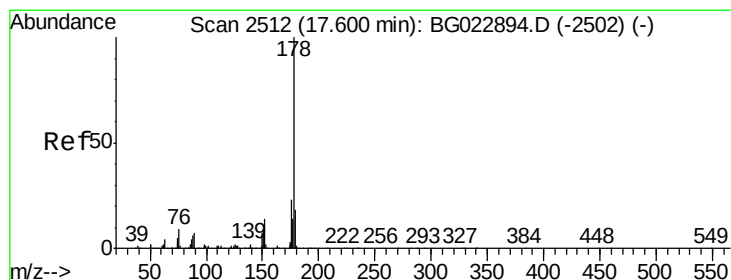
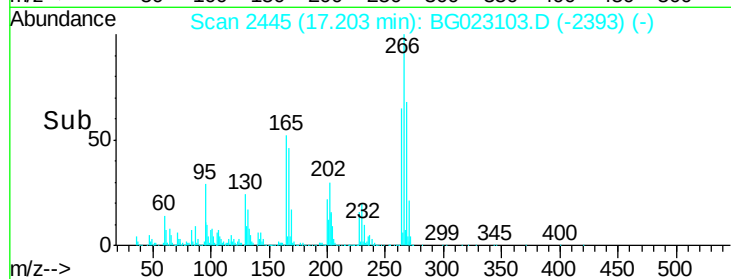
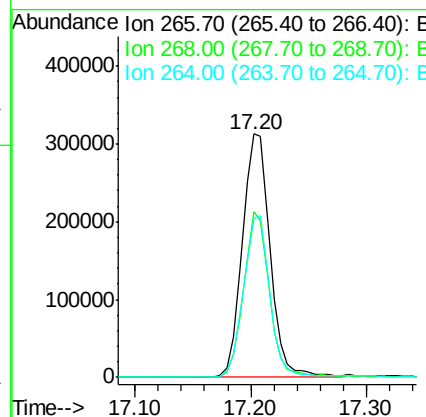
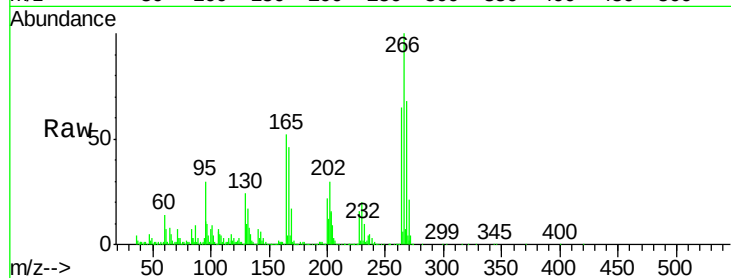
#69
 Pentachlorophenol
 Concen: 51.25 ng
 RT: 17.20 min Scan# 2445
 Delta R.T. 0.00 min
 Lab File: BG023103.D
 Acq: 14 Jul 2016 16:11

Instrument :
 BNA_G
 ClientSampleId :
 LSS-MW-SB22(20)MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	68.1	51.9	77.9
264	65.2	50.6	75.8

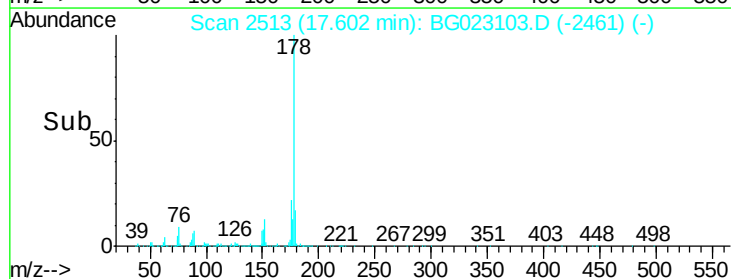
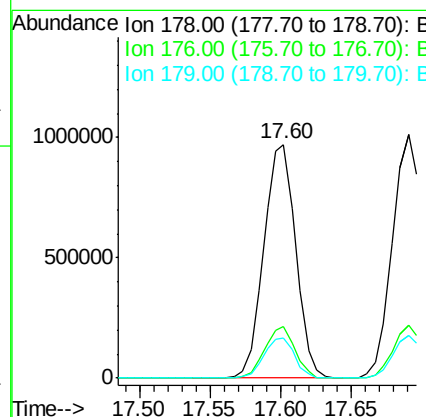
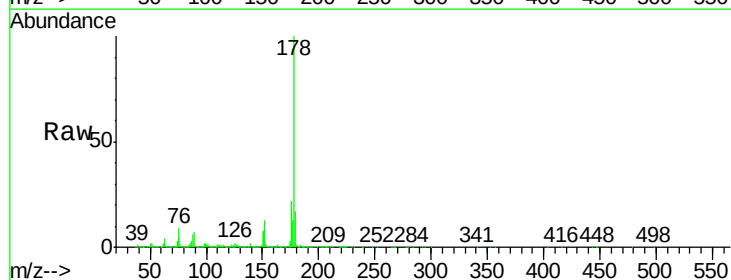
Manual Integrations

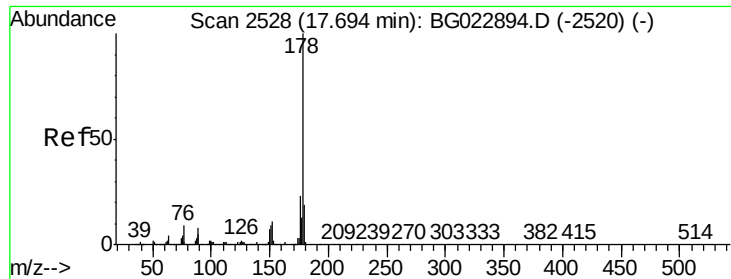
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#70
 Phenanthrene
 Concen: 28.39 ng
 RT: 17.60 min Scan# 2513
 Delta R.T. 0.00 min
 Lab File: BG023103.D
 Acq: 14 Jul 2016 16:11

Tgt Ion	Ratio	Lower	Upper
178	100		
176	22.3	16.8	25.2
179	17.3	14.3	21.5





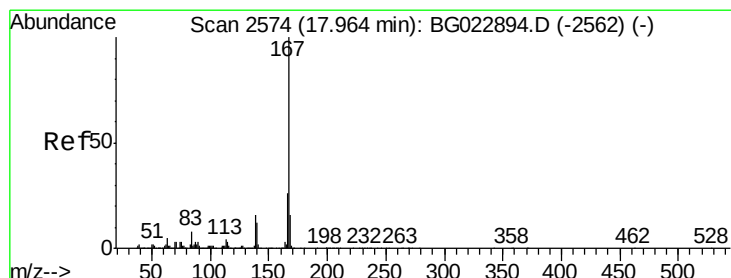
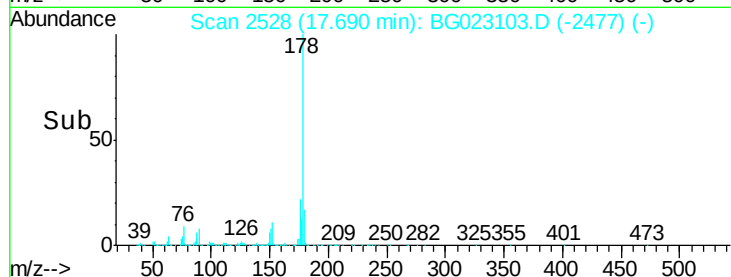
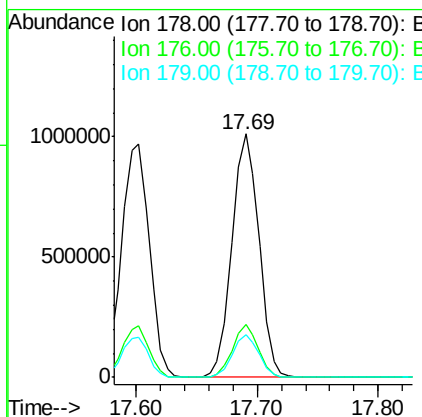
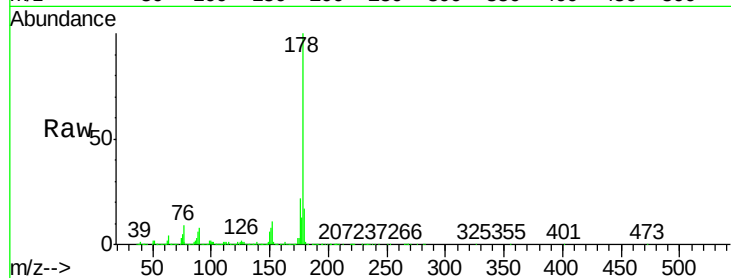
#71
 Anthracene
 Concen: 28.69 ng
 RT: 17.69 min Scan# 2528
 Delta R.T. -0.00 min
 Lab File: BG023103.D
 Acq: 14 Jul 2016 16:11

Instrument :
 BNA_G
 ClientSampleId :
 LSS-MW-SB22(20)MSD

Tot Ion:178 Resp: 1577231
 Ion Ratio Lower Upper
 178 100
 176 21.6 17.3 25.9
 179 17.4 14.0 21.0

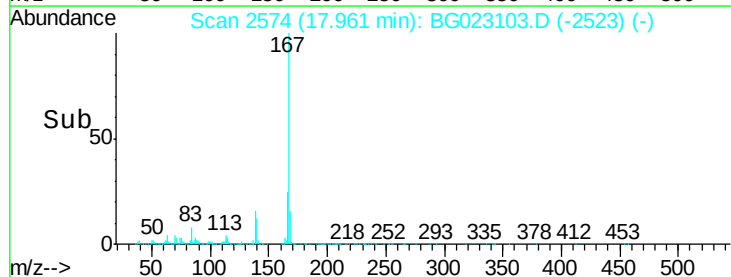
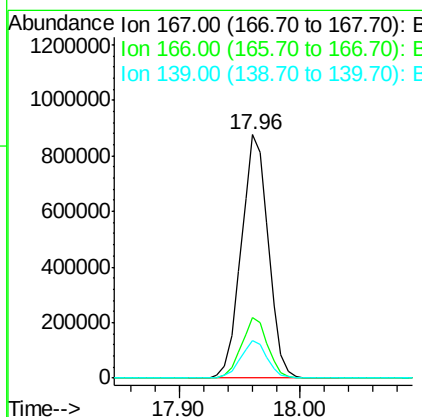
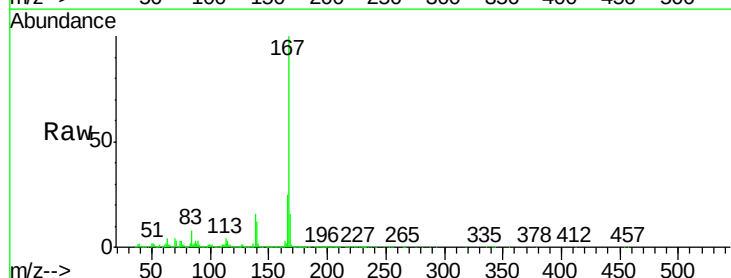
Manual Integrations

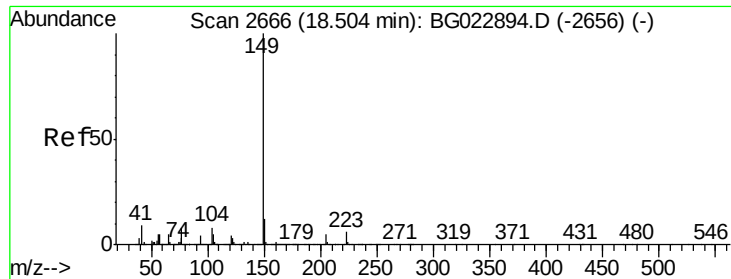
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 Sohil
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#72
 Carbazole
 Concen: 28.72 ng
 RT: 17.96 min Scan# 2574
 Delta R.T. -0.00 min
 Lab File: BG023103.D
 Acq: 14 Jul 2016 16:11

Tgt Ion:167 Resp: 1363929
 Ion Ratio Lower Upper
 167 100
 166 25.1 20.7 31.1
 139 15.7 11.9 17.9





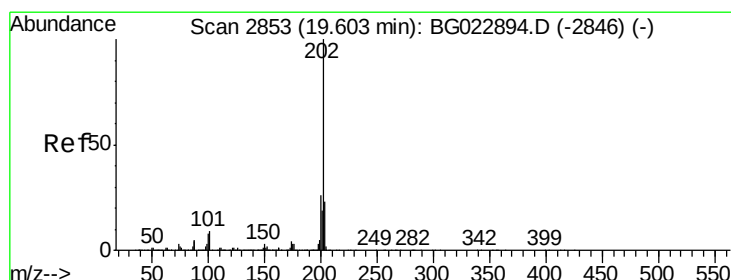
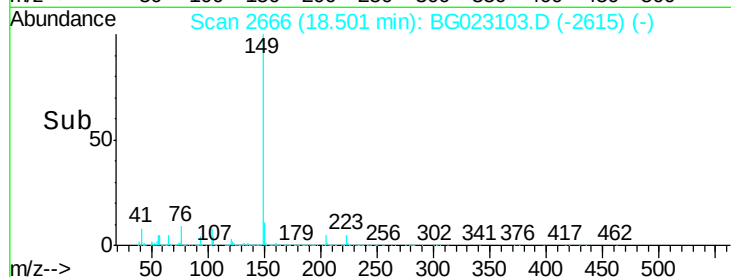
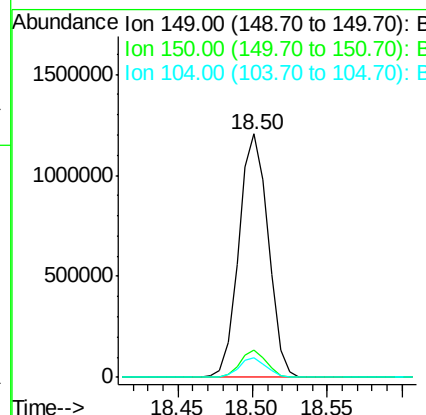
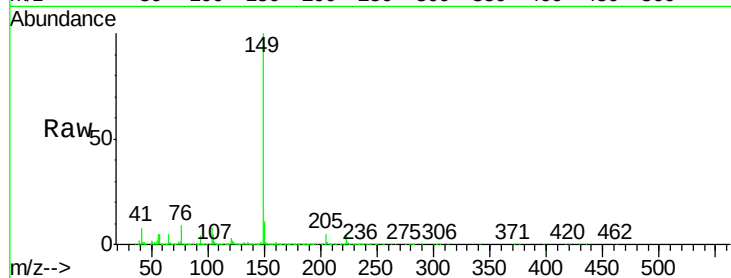
#73
Di-n-butylphthalate
Concen: 31.25 ng
RT: 18.50 min Scan# 2666
Delta R.T. -0.00 min
Lab File: BG023103.D
Acq: 14 Jul 2016 16:11

Instrument :
BNA_G
ClientSampleId :
LSS-MW-SB22(20)MSD

Tot Ion:149 Resp: 1650739
Ion Ratio Lower Upper
149 100
150 11.4 9.1 13.7
104 8.1 6.9 10.3

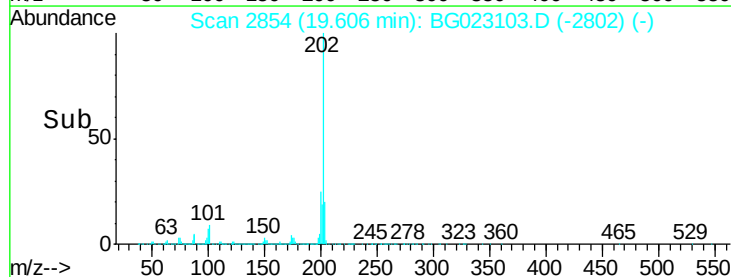
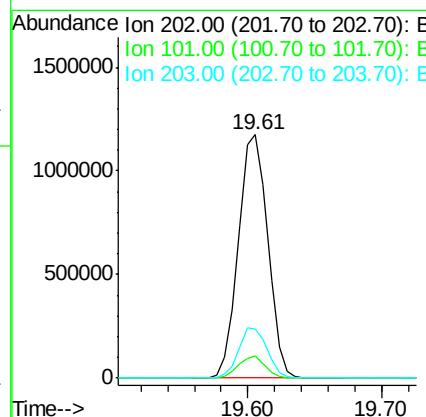
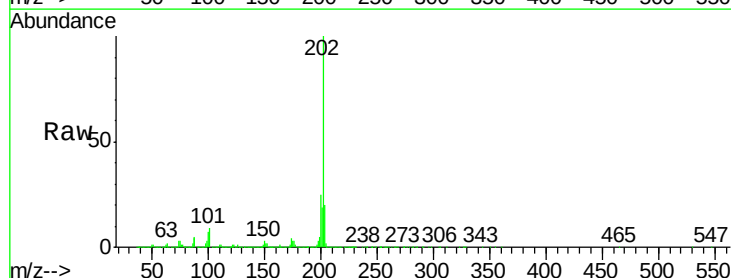
Manual Integrations

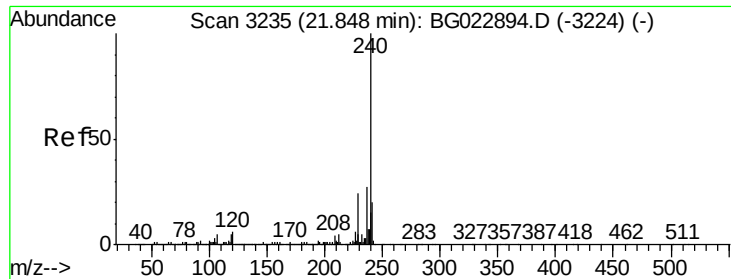
APPROVED
Sohil
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#74
Fluoranthene
Concen: 26.93 ng
RT: 19.61 min Scan# 2854
Delta R.T. 0.00 min
Lab File: BG023103.D
Acq: 14 Jul 2016 16:11

Tgt Ion:202 Resp: 1793746
Ion Ratio Lower Upper
202 100
101 9.0 0.0 27.4
203 20.3 1.7 41.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.86 min Scan# 3238

Delta R.T. 0.01 min

Lab File: BG023103.D

Acq: 14 Jul 2016 16:11

Instrument :

BNA_G

ClientSampleId :

LSS-MW-SB22(20)MSD

Tot Ion:240 Resp: 1172493

Ion Ratio Lower Upper

240 100

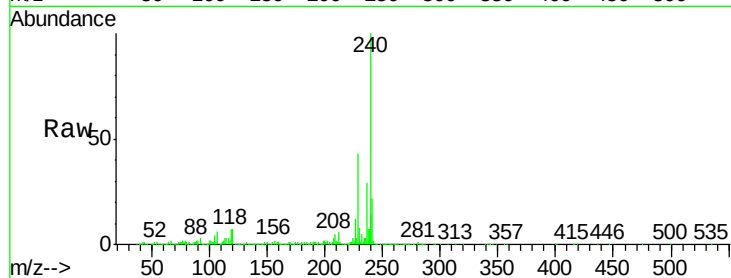
120 7.3 4.1 6.1#

236 28.5 21.1 31.7

Manual Integrations

Sohil

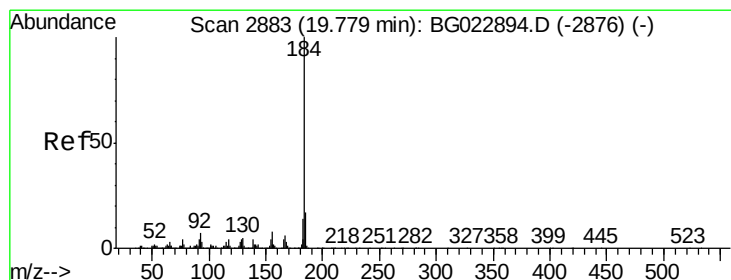
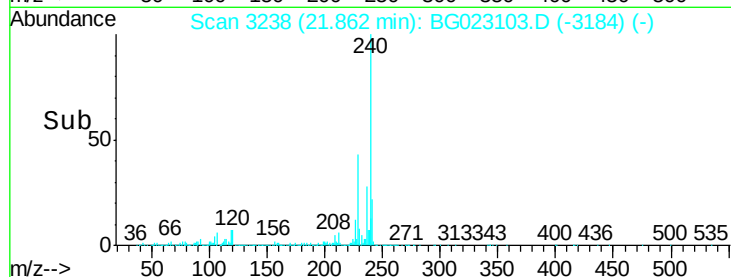
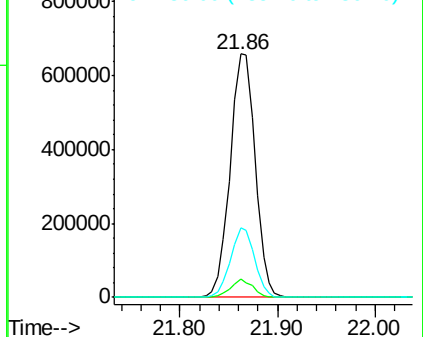
7/15/2016 9:14:20 AM



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: 7.37 ng

RT: 19.79 min Scan# 2885

Delta R.T. 0.01 min

Lab File: BG023103.D

Acq: 14 Jul 2016 16:11

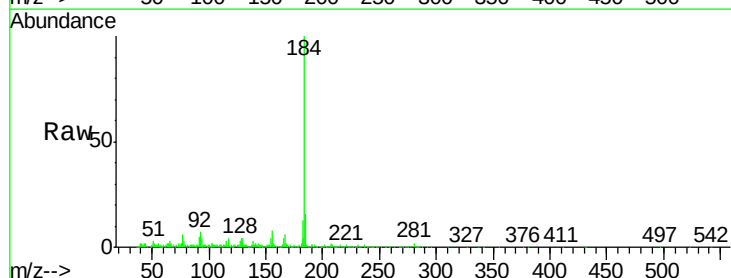
Tgt Ion:184 Resp: 247710

Ion Ratio Lower Upper

184 100

185 15.8 12.6 19.0

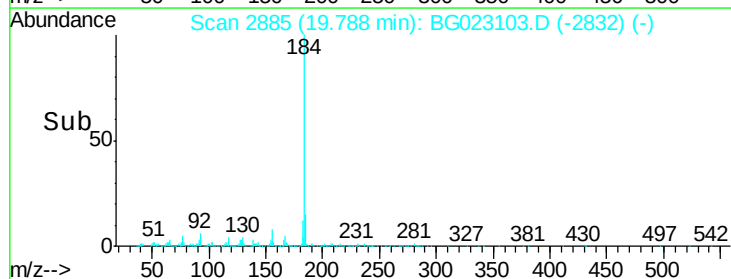
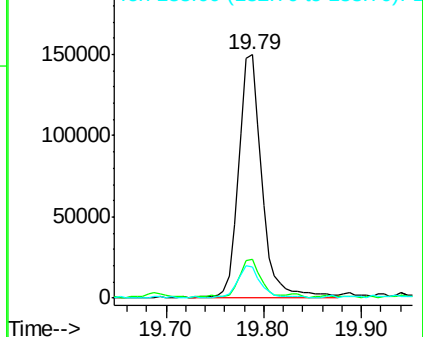
183 13.0 10.7 16.1

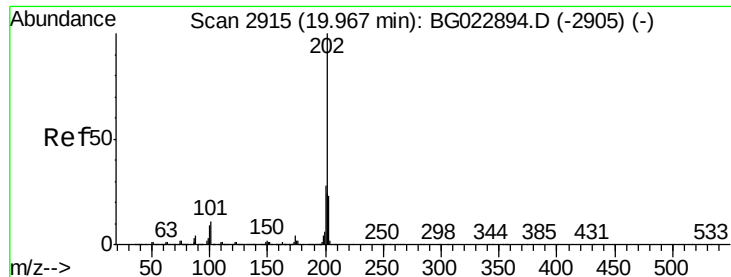


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 27.52 ng

RT: 19.97 min Scan# 2916

Delta R.T. 0.00 min

Lab File: BG023103.D

Acq: 14 Jul 2016 16:11

Instrument :

BNA_G

ClientSampleId :

LSS-MW-SB22(20)MSD

Tot Ion:202 Resp: 1813007

Ion Ratio Lower Upper

202 100

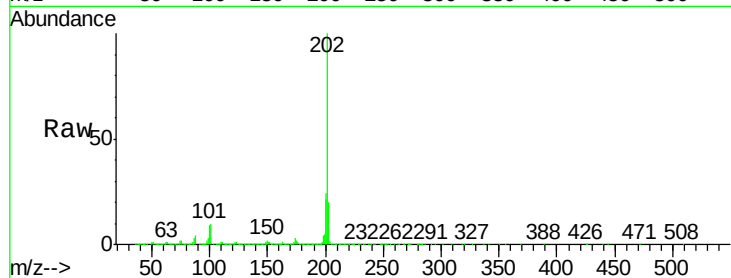
200 24.3 21.2 31.8

203 20.2 16.8 25.2

Manual Integrations

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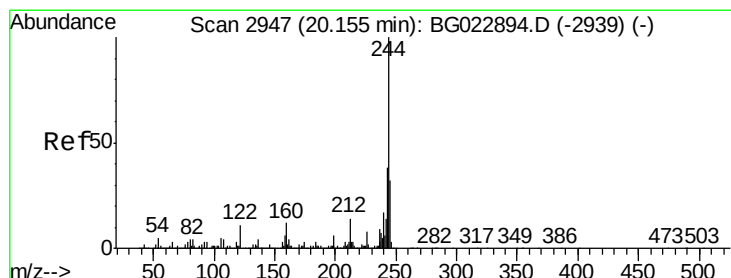
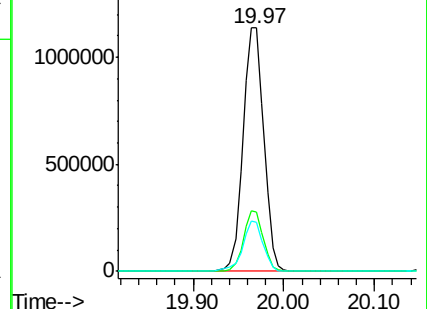
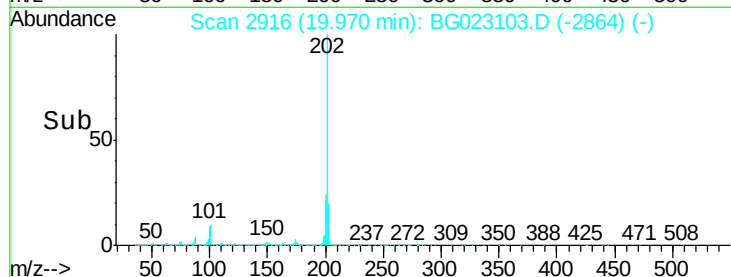
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 79.82 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.00 min

Lab File: BG023103.D

Acq: 14 Jul 2016 16:11

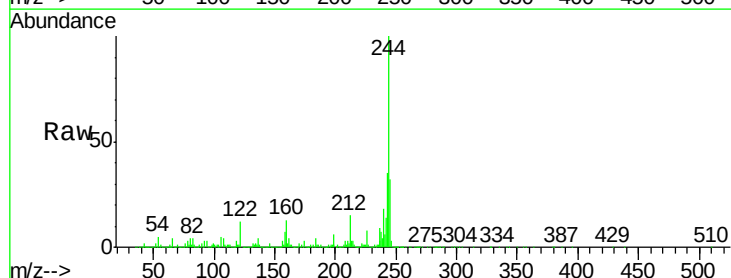
Tgt Ion:244 Resp: 3019819

Ion Ratio Lower Upper

244 100

212 14.6 10.8 16.2

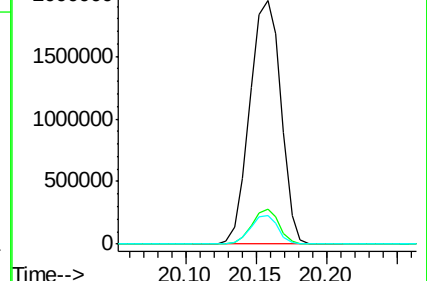
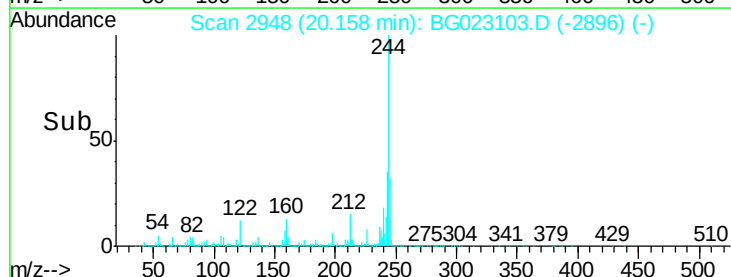
122 11.6 8.0 12.0

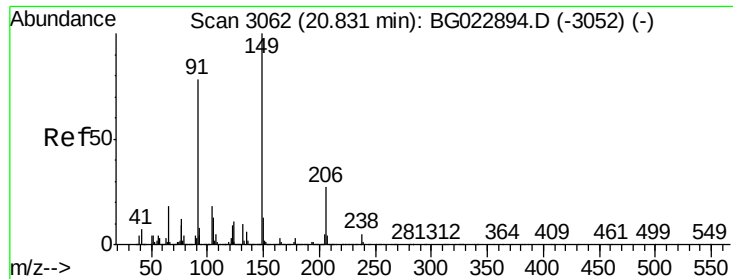


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





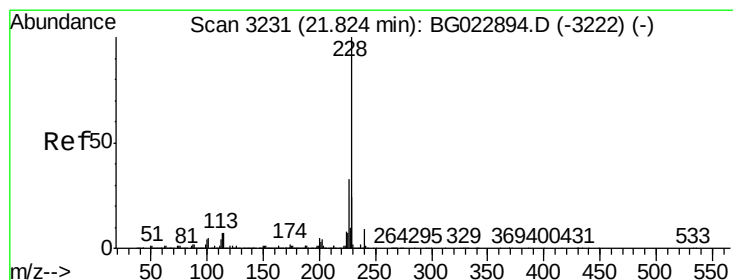
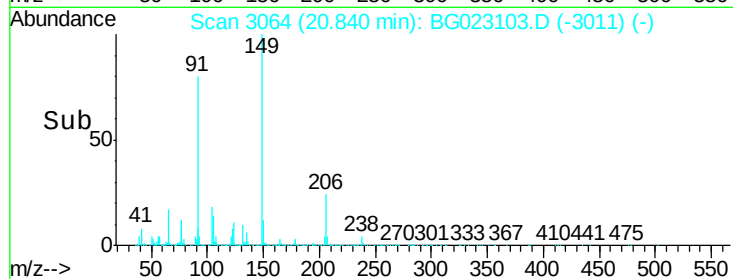
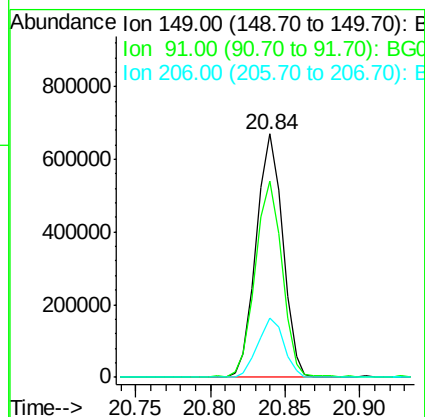
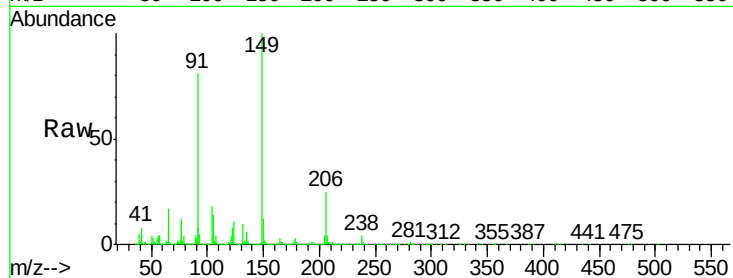
#79
Butylbenzylphthalate
Concen: 31.25 ng
RT: 20.84 min Scan# 3064
Delta R.T. 0.01 min
Lab File: BG023103.D
Acq: 14 Jul 2016 16:11

Instrument :
BNA_G
ClientSampleId :
LSS-MW-SB22(20)MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	80.6	68.1	102.1
206	24.5	19.8	29.6

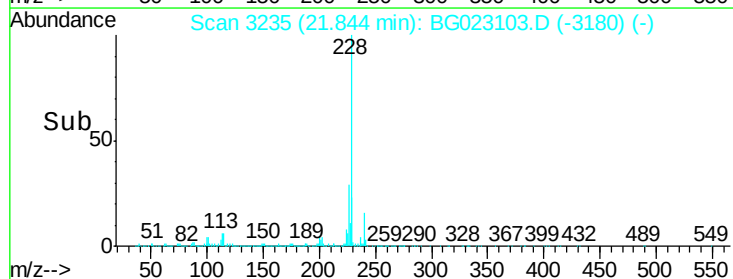
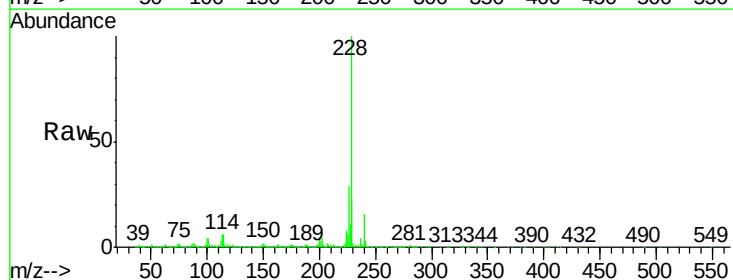
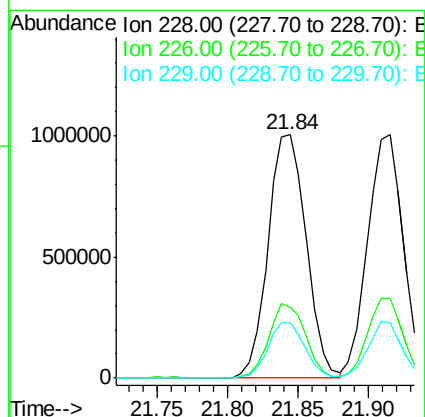
Manual Integrations

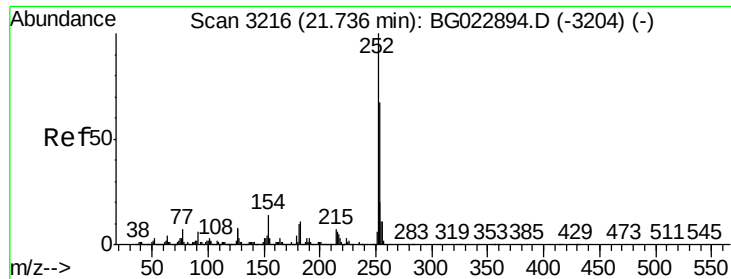
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#80
Benzo(a)anthracene
Concen: 28.95 ng
RT: 21.84 min Scan# 3235
Delta R.T. 0.02 min
Lab File: BG023103.D
Acq: 14 Jul 2016 16:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	25.3	37.9
229	22.7	19.9	29.9





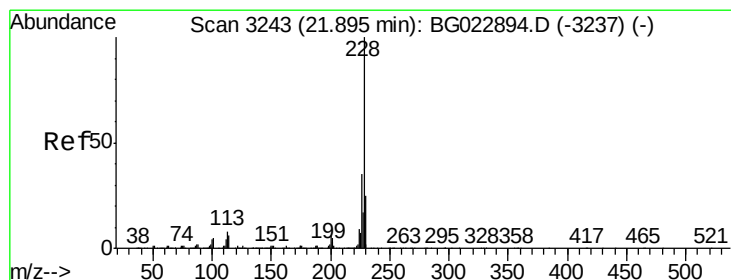
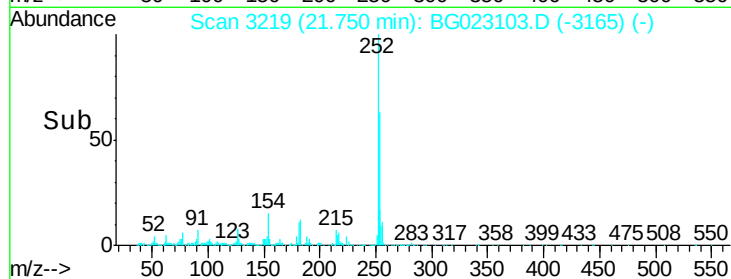
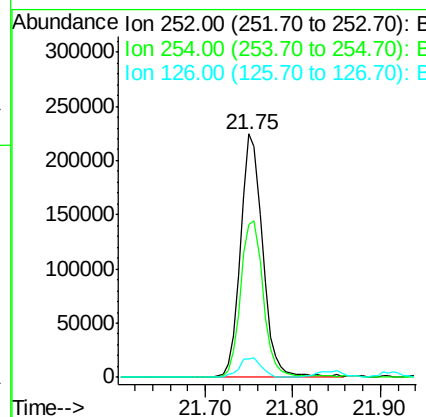
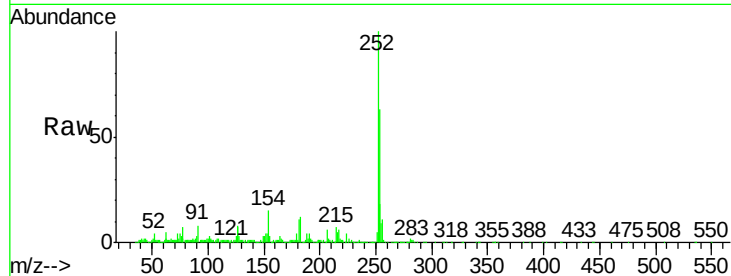
#81
 3,3'-Dichlorobenzidine
 Concen: 13.36 ng
 RT: 21.75 min Scan# 3219
 Delta R.T. 0.01 min
 Lab File: BG023103.D
 Acq: 14 Jul 2016 16:11

Instrument :
 BNA_G
 ClientSampleId :
 LSS-MW-SB22(20)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.6	51.2	76.8
126	7.5	5.3	7.9

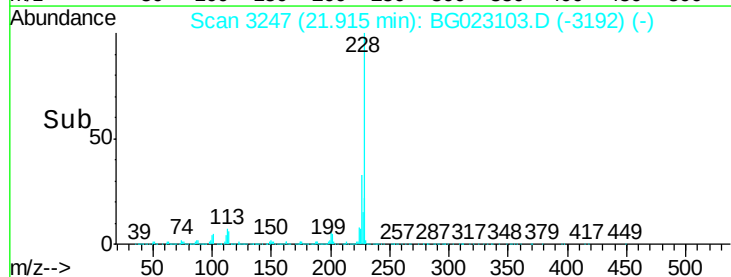
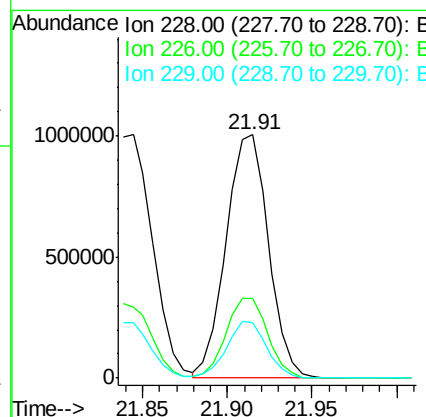
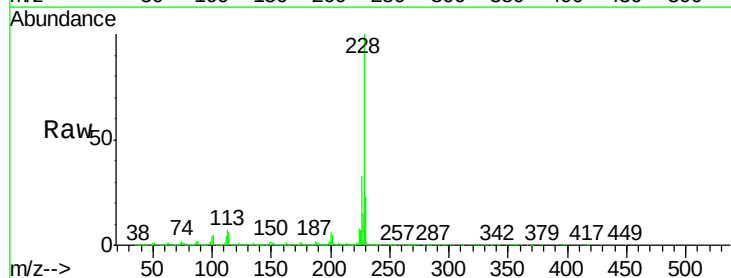
Manual Integrations

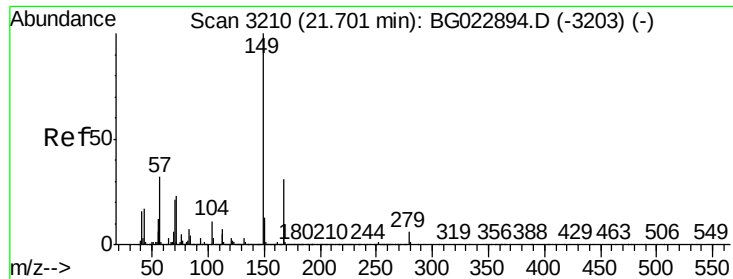
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#82
 Chrysene
 Concen: 28.46 ng
 RT: 21.91 min Scan# 3247
 Delta R.T. 0.02 min
 Lab File: BG023103.D
 Acq: 14 Jul 2016 16:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.0	26.7	40.1
229	22.5	17.4	26.2





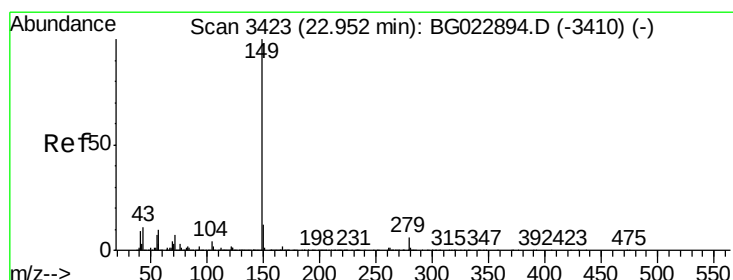
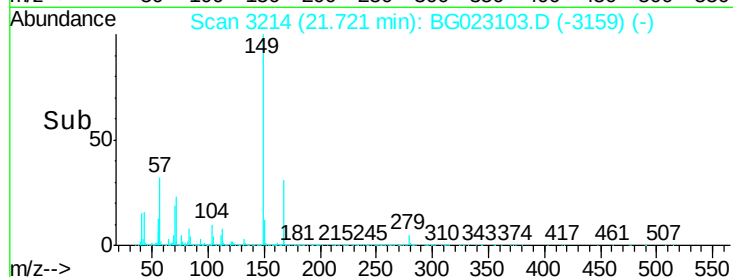
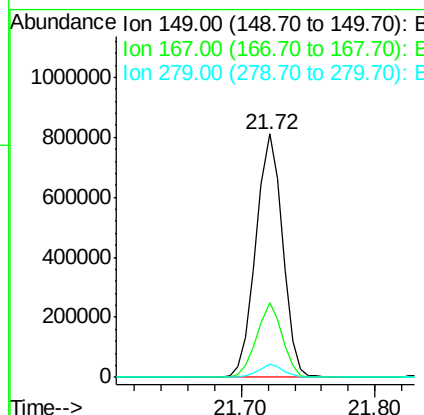
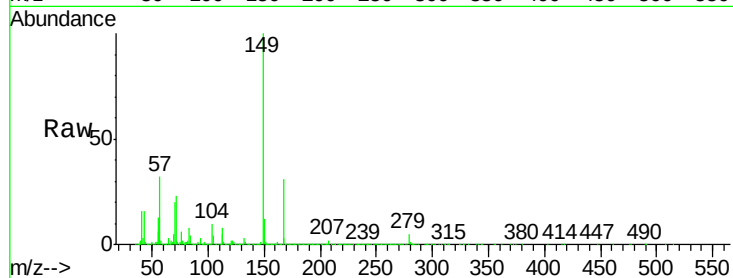
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 30.78 ng
 RT: 21.72 min Scan# 3214
 Delta R.T. 0.02 min
 Lab File: BG023103.D
 Acq: 14 Jul 2016 16:11

Instrument :
 BNA_G
 ClientSampleId :
 LSS-MW-SB22(20)MSD

Tot Ion:149 Resp: 1115440
 Ion Ratio Lower Upper
 149 100
 167 30.7 24.0 36.0
 279 5.4 4.8 7.2

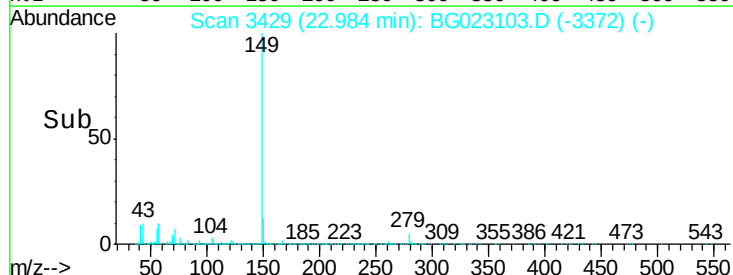
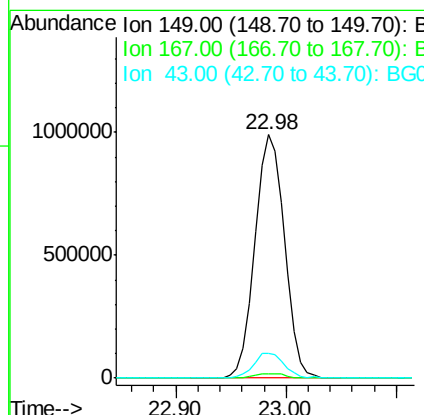
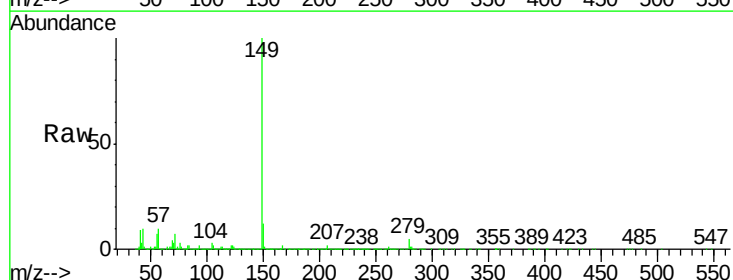
Manual Integrations

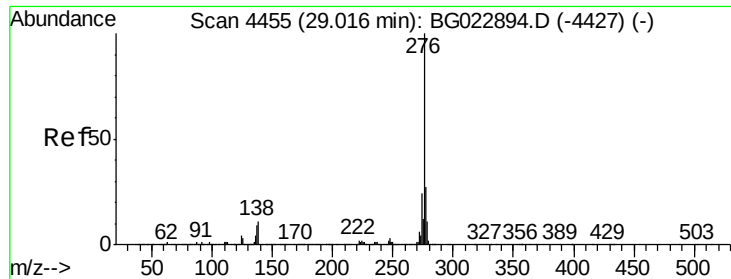
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#84
 Di-n-octyl phthalate
 Concen: 30.81 ng
 RT: 22.98 min Scan# 3429
 Delta R.T. 0.03 min
 Lab File: BG023103.D
 Acq: 14 Jul 2016 16:11

Tgt Ion:149 Resp: 1862195
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.5 2.3
 43 10.4 8.8 13.2





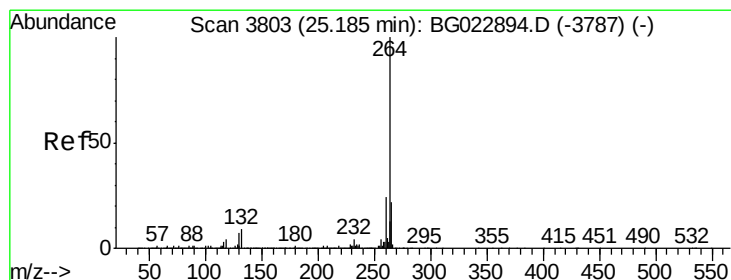
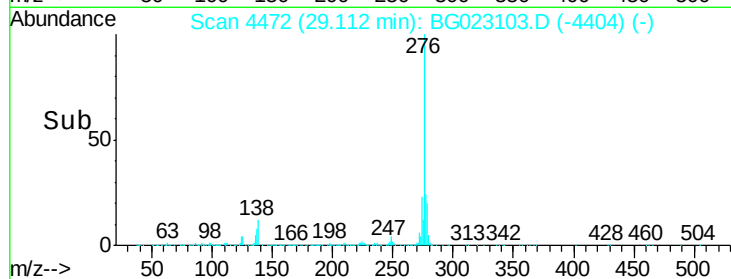
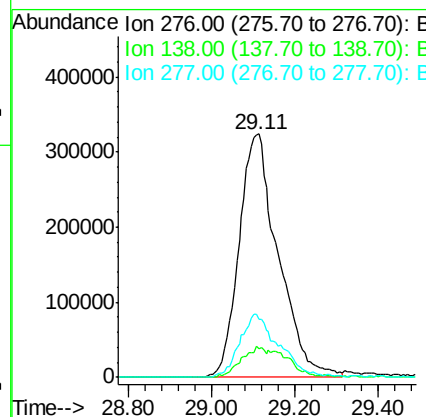
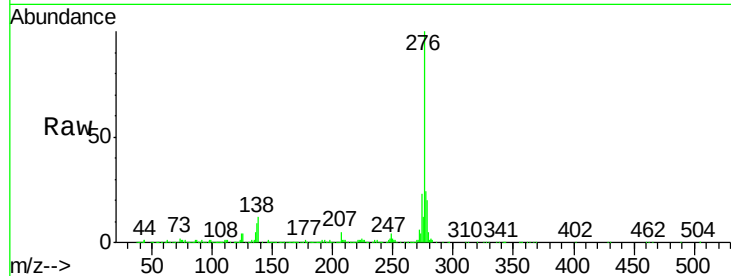
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 26.93 ng
 RT: 29.11 min Scan# 4472
 Delta R.T. 0.10 min
 Lab File: BG023103.D
 Acq: 14 Jul 2016 16:11

Instrument :
 BNA_G
 ClientSampleId :
 LSS-MW-SB22(20)MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	7.6	0.0	0.0#
277	25.8	0.0	0.0#

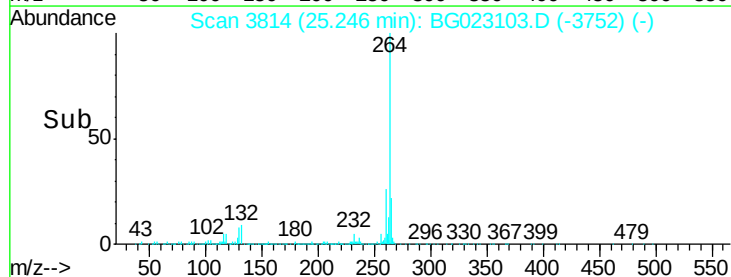
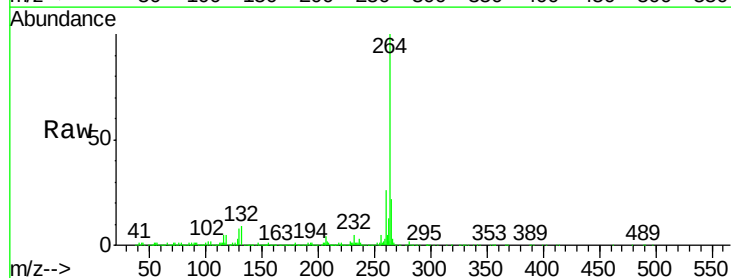
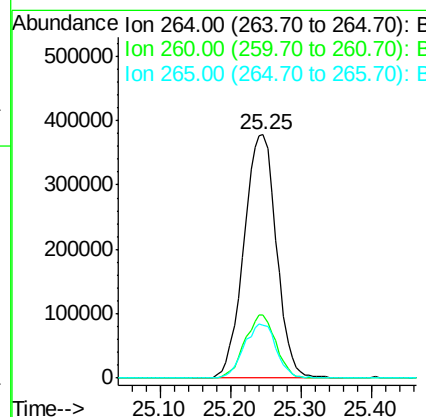
Manual Integrations

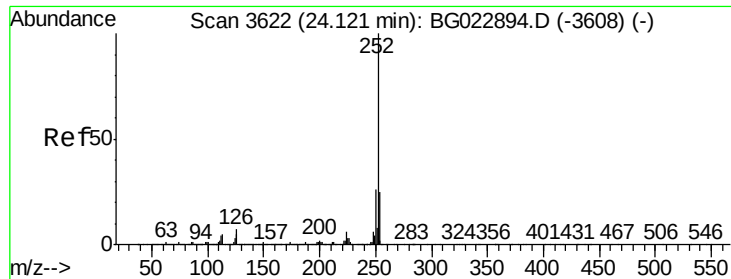
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.25 min Scan# 3814
 Delta R.T. 0.06 min
 Lab File: BG023103.D
 Acq: 14 Jul 2016 16:11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.8	18.4	27.6
265	21.8	18.9	28.3





#87

Benzo(b)fluoranthene

Concen: 28.26 ng

RT: 24.17 min Scan# 3630

Delta R.T. 0.04 min

Lab File: BG023103.D

Acq: 14 Jul 2016 16:11

Instrument :

BNA_G

ClientSampleId :

LSS-MW-SB22(20)MSD

Tot Ion:252 Resp: 1970095

Ion Ratio Lower Upper

252 100

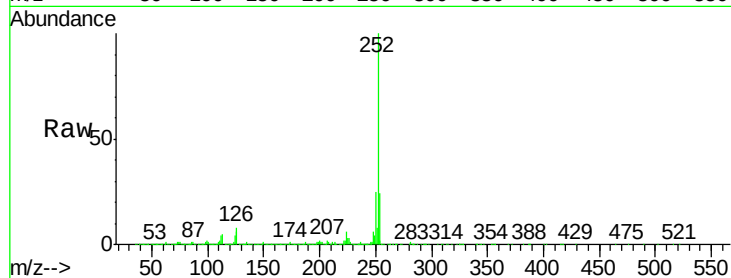
253 23.5 18.9 28.3

125 5.7 3.9 5.9

Manual Integrations

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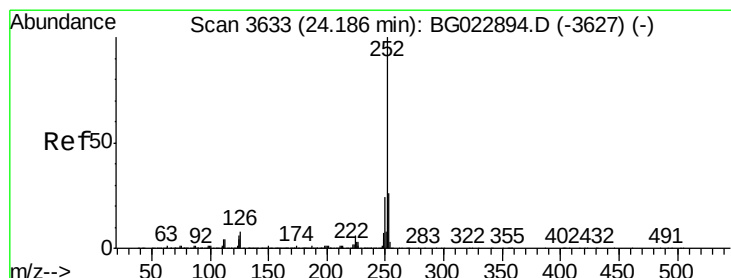
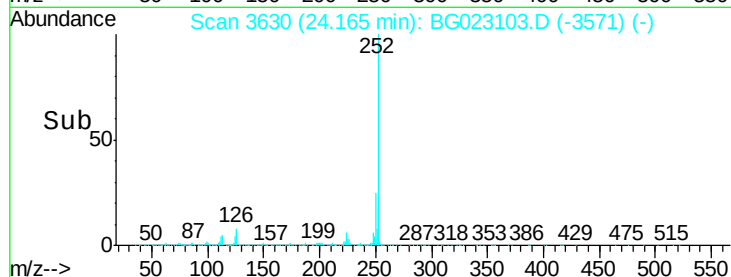
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

24.17

Time-->



#88

Benzo(k)fluoranthene

Concen: 28.12 ng

RT: 24.24 min Scan# 3642

Delta R.T. 0.05 min

Lab File: BG023103.D

Acq: 14 Jul 2016 16:11

Tgt Ion:252 Resp: 1860733

Ion Ratio Lower Upper

252 100

253 24.0 18.8 28.2

125 6.1 3.2 4.8#

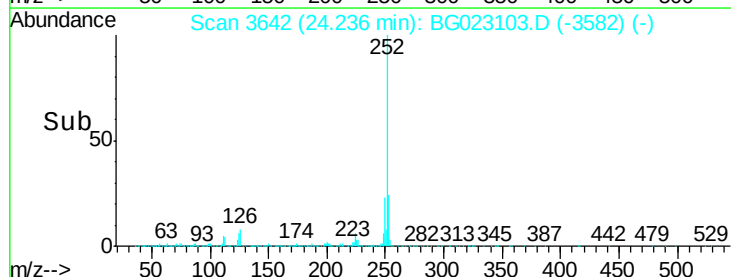
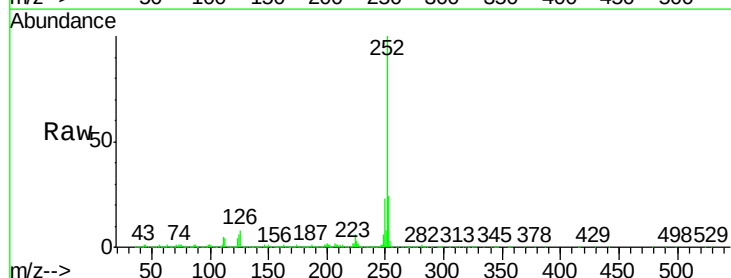
Abundance Ion 252.00 (251.70 to 252.70): E

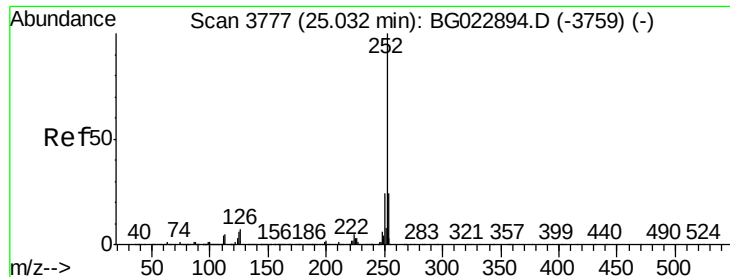
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

24.24

Time-->





#89

Benzo(a)pyrene

Concen: 28.72 ng

RT: 25.09 min Scan# 3787

Delta R.T. 0.06 min

Lab File: BG023103.D

Acq: 14 Jul 2016 16:11

Instrument :

BNA_G

ClientSampleId :

LSS-MW-SB22(20)MSD

Tot Ion:252 Resp: 1919624

Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.7	28.1
125	6.7	3.9	5.9

252 100

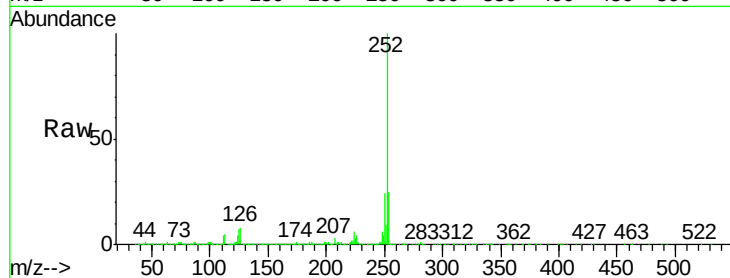
253 24.7 18.7 28.1

125 6.7 3.9 5.9

Manual Integrations

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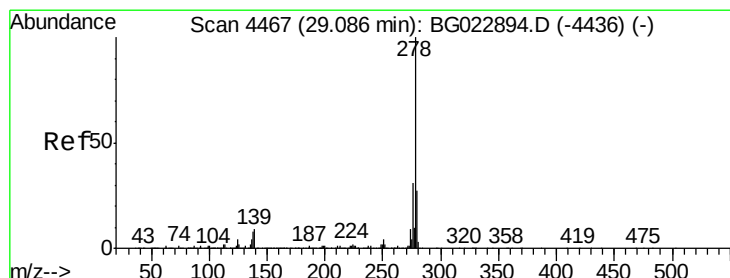
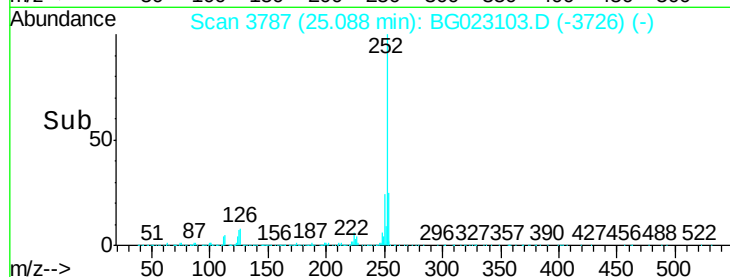
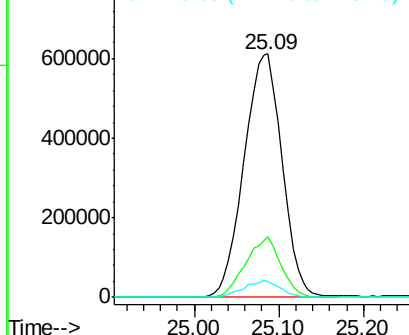


Abundance

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: 26.32 ng

RT: 29.17 min Scan# 4481

Delta R.T. 0.08 min

Lab File: BG023103.D

Acq: 14 Jul 2016 16:11

Tgt Ion:278 Resp: 1745661

Ion	Ratio	Lower	Upper
278	100		
139	10.1	4.7	7.1
279	23.9	18.3	27.5

278 100

139 10.1 4.7 7.1

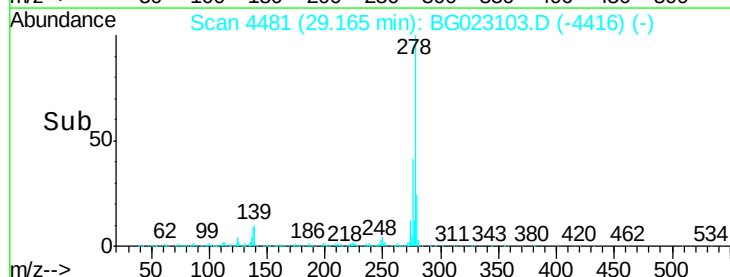
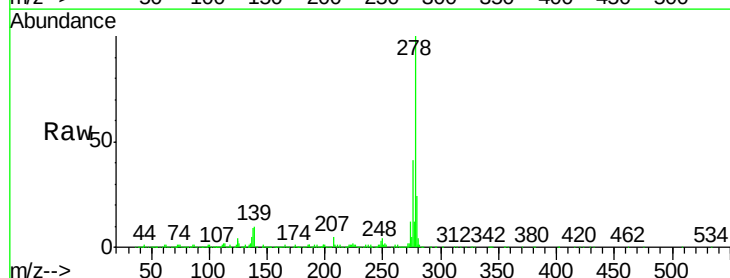
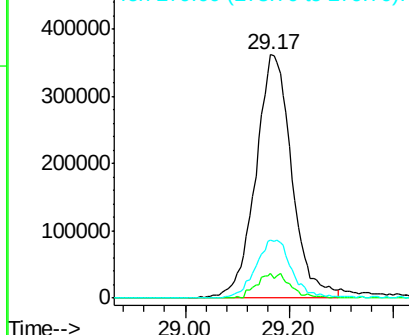
279 23.9 18.3 27.5

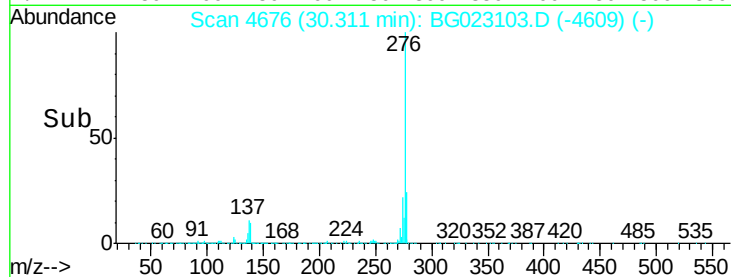
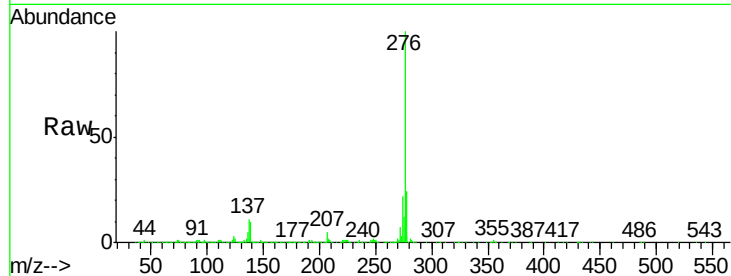
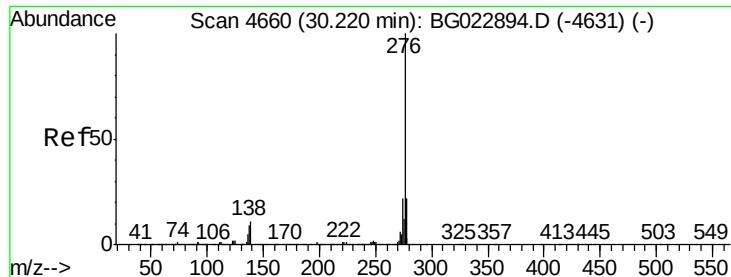
Abundance

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: 25.83 ng
 RT: 30.31 min Scan# 4676
 Delta R.T. 0.09 min
 Lab File: BG023103.D
 Acq: 14 Jul 2016 16:11

Instrument :
 BNA_G
 ClientSampleId :
 LSS-MW-SB22(20)MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.6	27.8
138	10.1	6.8	10.2

Manual Integrations

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