

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071416\
 Data File : BG023098.D
 Acq On : 14 Jul 2016 12:50
 Operator : UM/SJ
 Sample : H3996-03MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B7-B2(5-12)CMS

Manual Integrations

APPROVED
 Sohil
 7/15/2016 9:14:10 AM

Quant Time: Jul 14 19:05:42 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	8.16	152	107726	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	505676	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	398024	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	927103	20.00	ng	0.00
75) Chrysene-d12	21.86	240	982464	20.00	ng	0.02
86) Perylene-d12	25.24	264	1015993	20.00	ng	0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	857718	130.22	ng	0.00
7) Phenol-d6	7.31	99	1392971	135.03	ng	0.00
23) Nitrobenzene-d5	9.33	82	1005389	85.13	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	739469	103.37	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1951404	77.22	ng	0.00
78) Terphenyl-d14	20.15	244	2659889	86.42	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.57	88	106669	41.66	ng	# 93
3) Pyridine	3.97	79	265445	30.30	ng	95
4) n-Nitrosodimethylamine	3.88	42	145245	38.64	ng	# 89
6) Aniline	7.47	93	495743	34.67	ng	97
8) 2-Chlorophenol	7.71	128	320512	45.73	ng	99
9) Benzaldehyde	7.29	77	170818	24.78	ng	94
10) Phenol	7.34	94	511118	48.15	ng	95
11) bis(2-Chloroethyl)ether	7.57	93	339075	40.30	ng	93
12) 1,3-Dichlorobenzene	8.04	146	316125	36.84	ng	96
13) 1,4-Dichlorobenzene	8.19	146	327564	38.13	ng	99
14) 1,2-Dichlorobenzene	8.51	146	319593	37.42	ng	97
15) Benzyl Alcohol	8.39	79	447595	47.37	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.68	45	429745	41.82	ng	98
17) 2-Methylphenol	8.60	107	316701	45.83	ng	97
18) Hexachloroethane	9.25	117	136574	37.67	ng	97
19) n-Nitroso-di-n-propylamine	8.96	70	380444	40.91	ng	98
20) 3+4-Methylphenols	8.93	107	458653	47.60	ng	97
22) Acetophenone	8.98	105	608706	40.11	ng	# 96
24) Nitrobenzene	9.37	77	542333	43.22	ng	94
25) Isophorone	9.89	82	988519	41.62	ng	96
26) 2-Nitrophenol	10.09	139	218066	44.29	ng	92
27) 2,4-Dimethylphenol	10.14	122	356919	41.93	ng	94
28) bis(2-Chloroethoxy)methane	10.38	93	545805	41.20	ng	99
29) 2,4-Dichlorophenol	10.63	162	411881	45.37	ng	97
30) 1,2,4-Trichlorobenzene	10.84	180	406861	39.11	ng	94
31) Naphthalene	11.03	128	1068333	41.50	ng	99
32) Benzoic acid	10.23	122	53548	6.92	ng	93
33) 4-Chloroaniline	11.14	127	339738	26.99	ng	95
34) Hexachlorobutadiene	11.31	225	299822	35.55	ng	96
35) Caprolactam	11.92	113	139796m	37.43	ng	
36) 4-Chloro-3-methylphenol	12.26	107	520904	41.95	ng	92
37) 2-Methylnaphthalene	12.63	142	857323	42.14	ng	96
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	551043	32.13	ng	100
40) Hexachlorocyclopentadiene	12.97	237	664540	67.30	ng	99

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 B7-B2(5-12)CMS

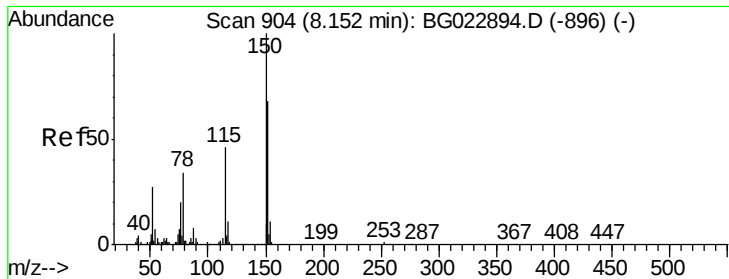
Manual Integrations

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 7/15/2016 9:14:10 AM

Quant Time: Jul 14 19:05:42 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)
42) 2,4,6-Trichlorophenol	13.24	196	402801	40.86	nq	97
43) 2,4,5-Trichlorophenol	13.31	196	416837	41.17	nq	99
45) 1,1'-Biphenyl	13.63	154	1177769	39.44	nq	99
46) 2-Chloronaphthalene	13.68	162	989296	40.84	nq	97
47) 2-Nitroaniline	13.88	65	435699	42.15	nq	98
48) Acenaphthylene	14.52	152	1467686	40.39	nq	98
49) Dimethylphthalate	14.25	163	2212307	68.04	nq	# 95
50) 2,6-Dinitrotoluene	14.38	165	298074	40.79	nq	89
51) Acenaphthene	14.87	154	1195310m	50.33	nq	
52) 3-Nitroaniline	14.71	138	240085	32.95	nq	89
53) 2,4-Dinitrophenol	14.91	184	314434	62.71	nq	94
54) Dibenzofuran	15.20	168	1529116	43.02	nq	97
55) 4-Nitrophenol	15.02	139	463427	75.88	nq	96
56) 2,4-Dinitrotoluene	15.16	165	441503	41.45	nq	96
57) Fluorene	15.85	166	1248991	40.82	nq	96
58) 2,3,4,6-Tetrachlorophenol	15.43	232	427821m	42.24	nq	
59) Diethylphthalate	15.61	149	1361111	41.14	nq	96
60) 4-Chlorophenyl-phenylether	15.83	204	720677	38.68	nq	99
61) 4-Nitroaniline	15.88	138	294738	37.38	nq	# 85
62) Azobenzene	16.13	77	1487180	47.00	nq	93
64) 4,6-Dinitro-2-methylphenol	15.93	198	270720	39.29	nq	95
65) n-Nitrosodiphenylamine	16.06	169	1159305	43.40	nq	97
66) 4-Bromophenyl-phenylether	16.73	248	479437	39.75	nq	97
67) Hexachlorobenzene	16.86	284	502106	38.29	nq	99
68) Atrazine	17.00	200	487511	41.15	nq	99
69) Pentachlorophenol	17.20	266	649785	76.51	nq	99
70) Phenanthrene	17.60	178	1902954	41.88	nq	97
71) Anthracene	17.69	178	1939339	42.15	nq	98
72) Carbazole	17.96	167	1692085	42.56	nq	98
73) Di-n-butylphthalate	18.50	149	2008370	45.43	nq	100
74) Fluoranthene	19.61	202	2179792	39.09	nq	98
76) Benzidine	19.78	184	1404282	49.86	nq	99
77) Pyrene	19.97	202	2189415	39.66	nq	98
79) Butylbenzylphthalate	20.84	149	998908	45.68	nq	97
80) Benzo(a)anthracene	21.84	228	2325389	42.31	nq	99
81) 3,3'-Dichlorobenzidine	21.75	252	735644	30.49	nq	99
82) Chrysene	21.91	228	2188380	42.44	nq	96
83) Bis(2-ethylhexyl)phthalate	21.72	149	1393175	45.88	nq	98
84) Di-n-octyl phthalate	22.99	149	2297576	45.37	nq	100
85) Indeno(1,2,3-cd)pyrene	29.10	276	2677441	40.73	nq	# 100
87) Benzo(b)fluoranthene	24.17	252	2431498	41.48	nq	# 98
88) Benzo(k)fluoranthene	24.24	252	2386417	42.90	nq	# 95
89) Benzo(a)pyrene	25.08	252	2414329	42.97	nq	# 99
90) Dibenzo(a,h)anthracene	29.17	278	2254437	40.43	nq	# 95
91) Benzo(g,h,i)perylene	30.33	276	2150408	38.50	nq	# 96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 905

Delta R.T. 0.00 min

Lab File: BG023098.D

Acq: 14 Jul 2016 12:50

Instrument :

BNA_G

ClientSampleId :

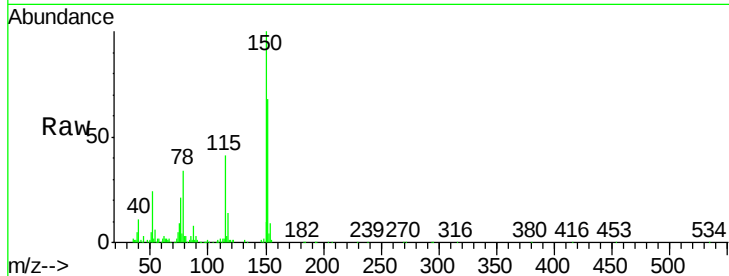
B7-B2(5-12)CMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.6	144.7	217.1
115	60.4	64.0	96.0

Manual Integrations

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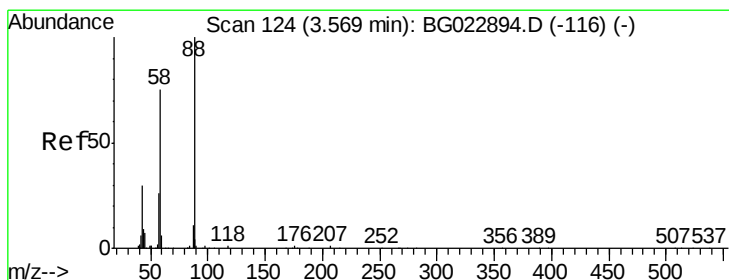
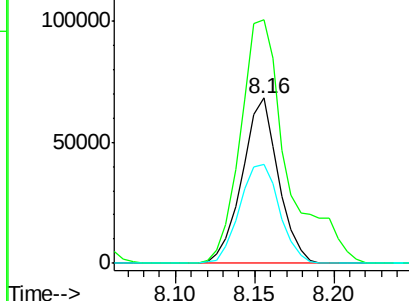
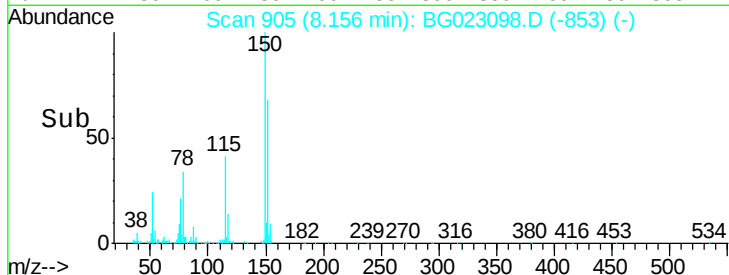
7/15/2016 9:14:10 AM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 41.66 ng

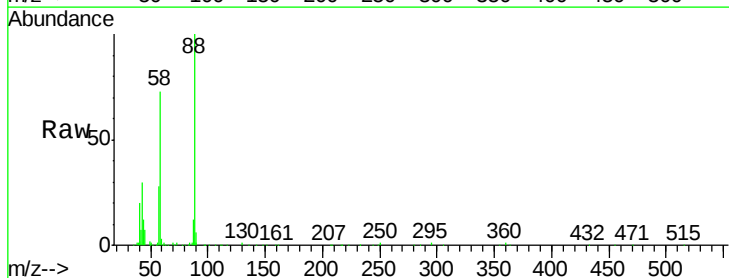
RT: 3.57 min Scan# 124

Delta R.T. -0.00 min

Lab File: BG023098.D

Acq: 14 Jul 2016 12:50

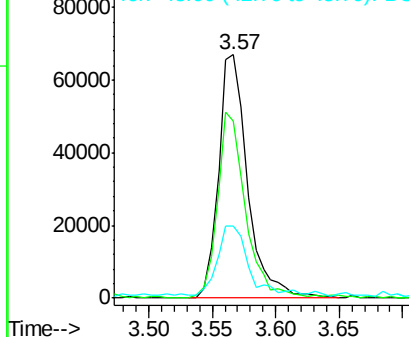
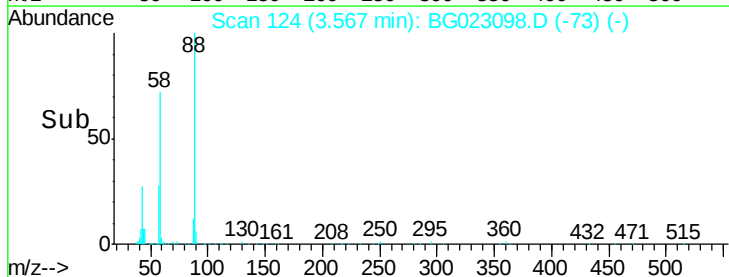
Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.2	60.4	90.6
43	29.1	31.1	46.7

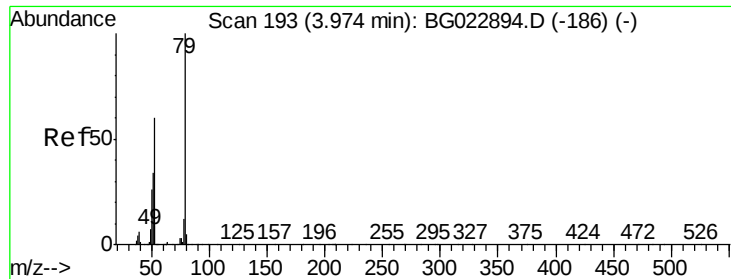


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 30.30 ng

RT: 3.97 min Scan# 193

Delta R.T. -0.00 min

Lab File: BG023098.D

Acq: 14 Jul 2016 12:50

Instrument :

BNA_G

ClientSampleId :

B7-B2(5-12)CMS

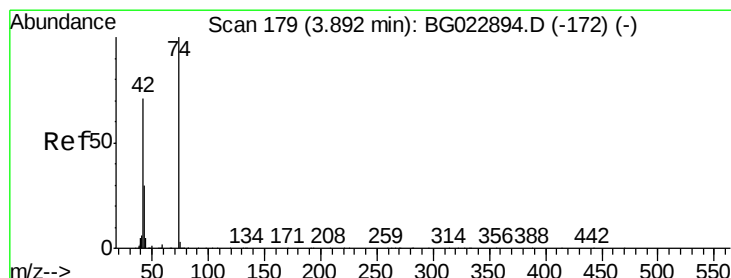
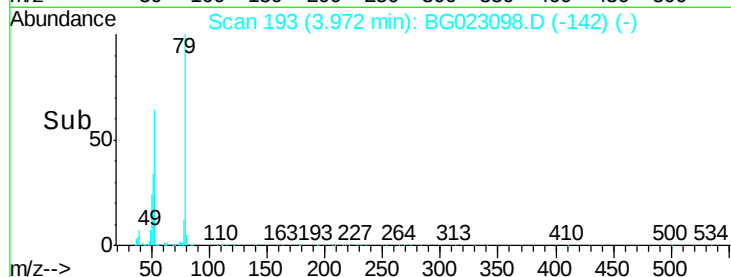
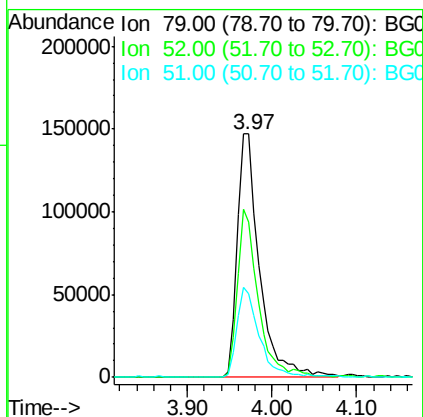
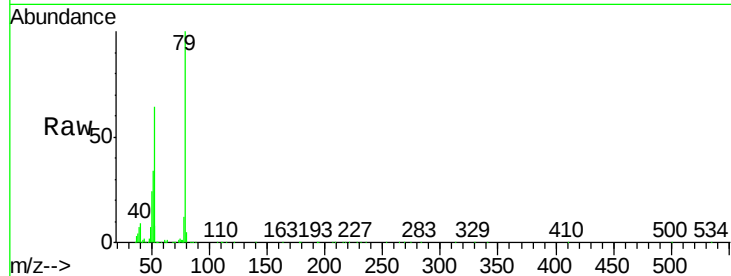
Tot Ion:	79	Resp:	265445
Ion	Ratio	Lower	Upper
79	100		
52	64.0	51.8	77.8
51	34.4	32.7	49.1

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 38.64 ng

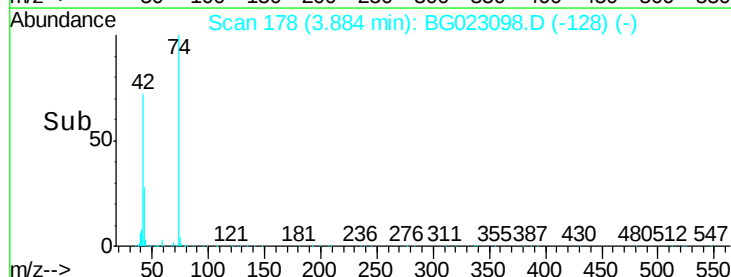
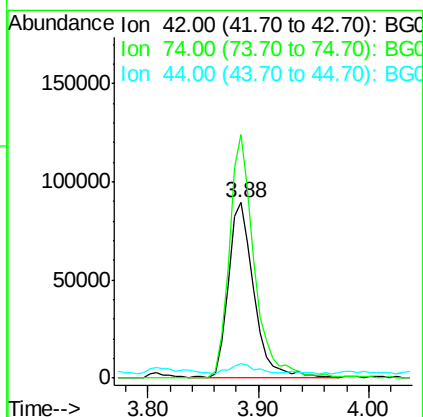
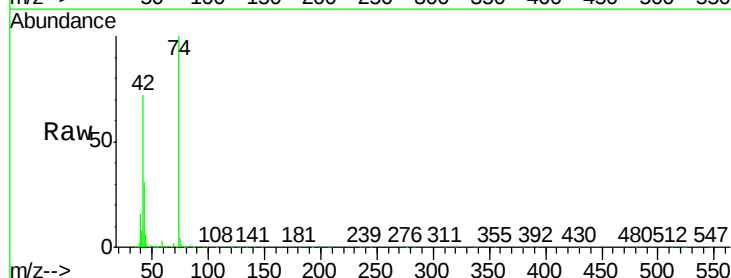
RT: 3.88 min Scan# 178

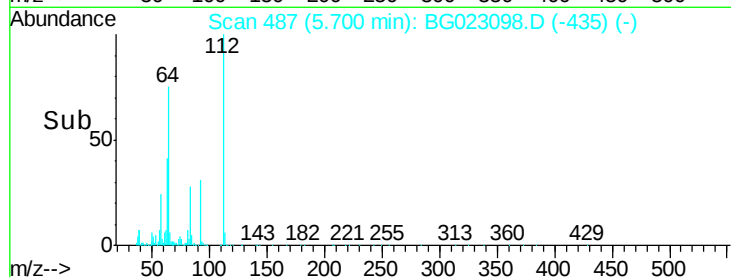
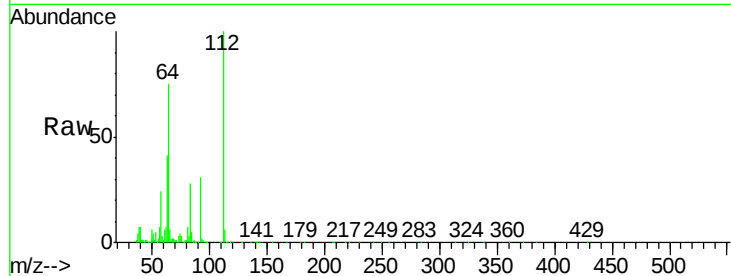
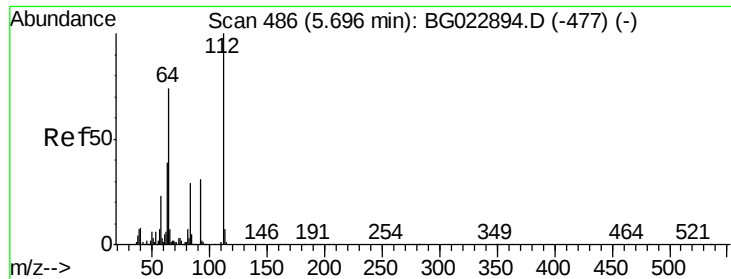
Delta R.T. -0.01 min

Lab File: BG023098.D

Acq: 14 Jul 2016 12:50

Tgt Ion:	42	Resp:	145245
Ion	Ratio	Lower	Upper
42	100		
74	138.7	100.6	150.8
44	7.9	4.5	6.7#





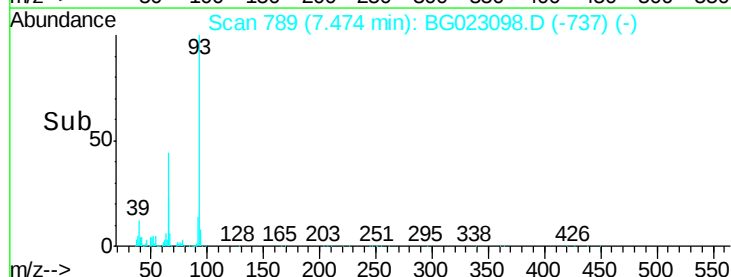
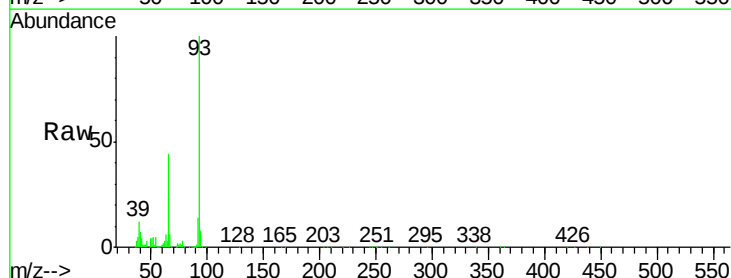
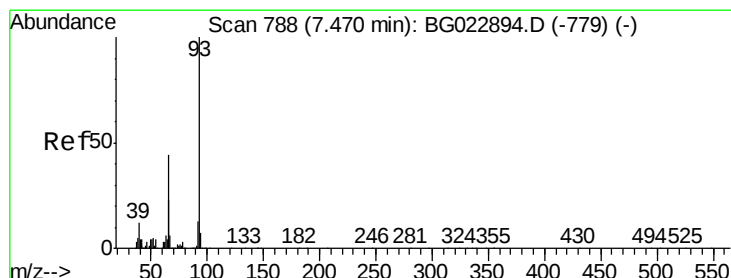
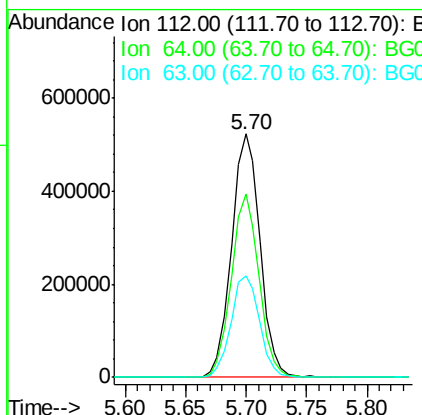
#5
2-Fluorophenol
Concen: 130.22 ng
RT: 5.70 min Scan# 487
Delta R.T. 0.00 min
Lab File: BG023098.D
Acq: 14 Jul 2016 12:50

Tot Ion	Ratio	Resp	Lower	Upper
112	100	857718		
64	75.3	59.0	88.4	
63	41.5	37.8	56.8	

Instrument :
BNA_G
ClientSampleId :
B7-B2(5-12)CMS

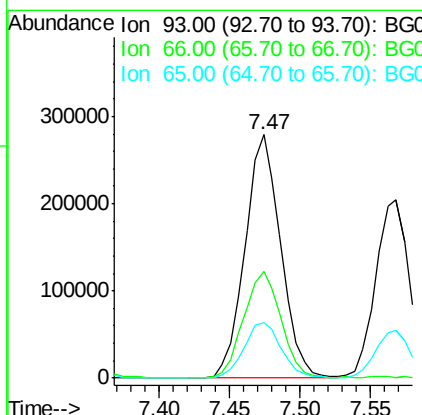
Manual Integrations

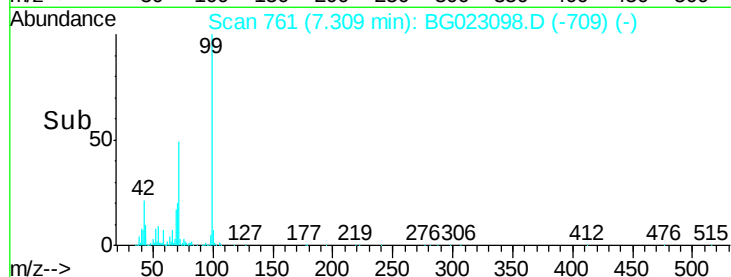
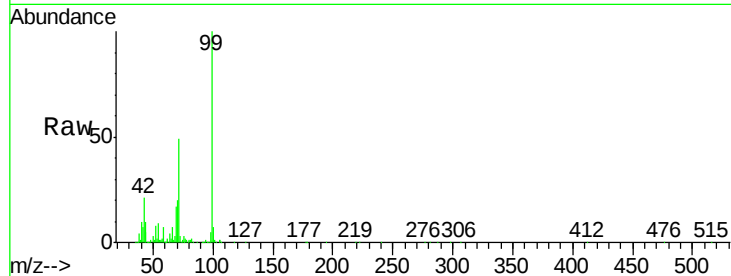
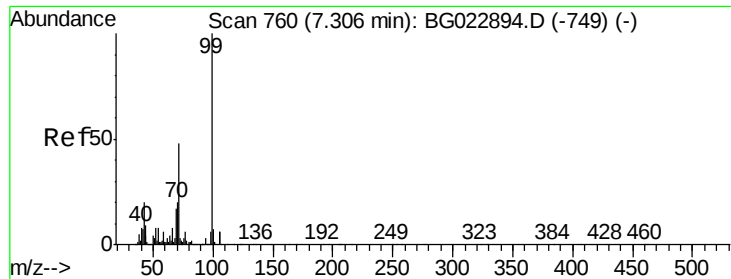
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#6
Aniline
Concen: 34.67 ng
RT: 7.47 min Scan# 789
Delta R.T. 0.00 min
Lab File: BG023098.D
Acq: 14 Jul 2016 12:50

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	495743		
66	44.0	37.5	56.3	
65	23.0	17.9	26.9	





#7

Phenol-d6

Concen: 135.03 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG023098.D

Acq: 14 Jul 2016 12:50

Tot Ion: 99 Resp: 1392971

Ion Ratio Lower Upper

99 100

42 20.6 17.8 26.6

71 49.5 41.5 62.3

Instrument :

BNA_G

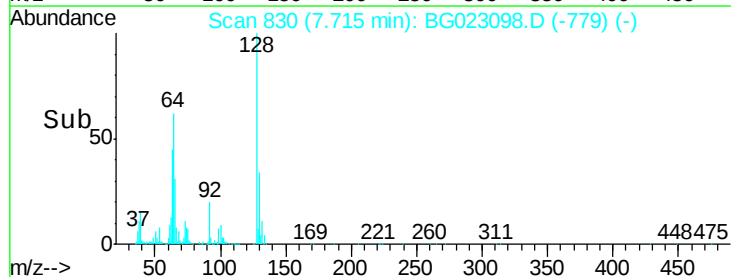
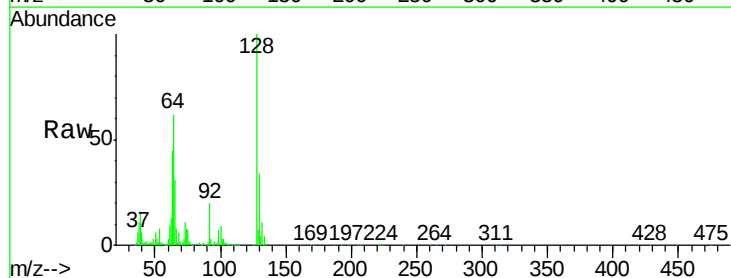
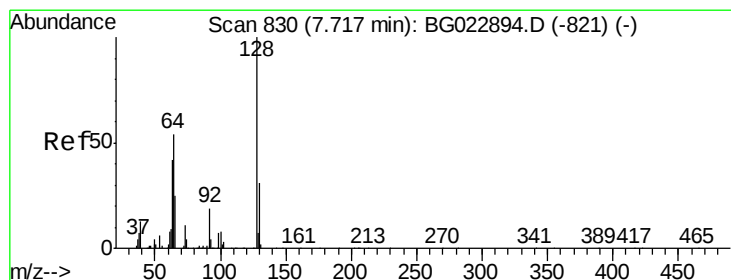
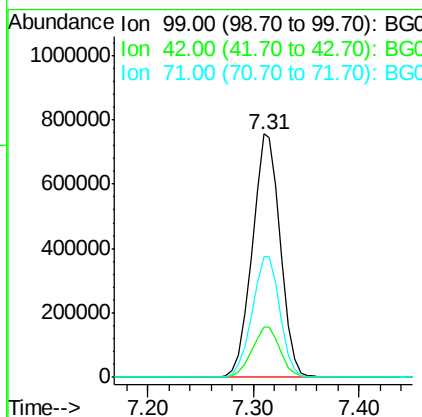
ClientSampleId :

B7-B2(5-12)CMS

Manual Integrations

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#8

2-Chlorophenol

Concen: 45.73 ng

RT: 7.71 min Scan# 830

Delta R.T. -0.00 min

Lab File: BG023098.D

Acq: 14 Jul 2016 12:50

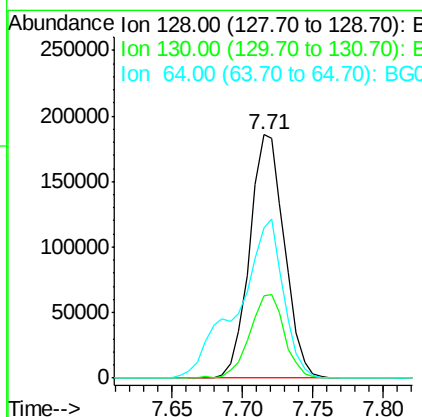
Tgt Ion:128 Resp: 320512

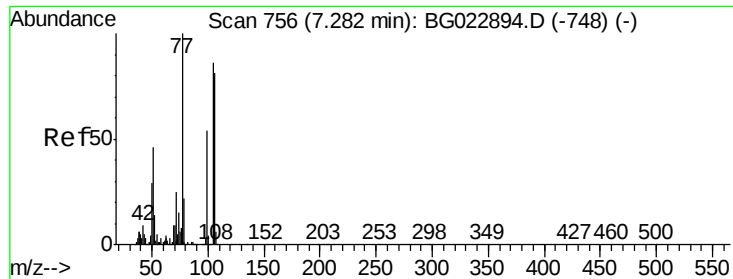
Ion Ratio Lower Upper

128 100

130 33.7 12.9 52.9

64 61.8 42.0 82.0





#9

Benzaldehyde

Concen: 24.78 ng

RT: 7.29 min Scan# 757

Delta R.T. 0.00 min

Lab File: BG023098.D

Acq: 14 Jul 2016 12:50

Instrument :

BNA_G

ClientSampleId :

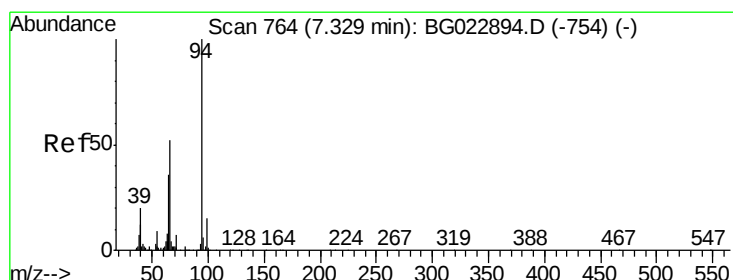
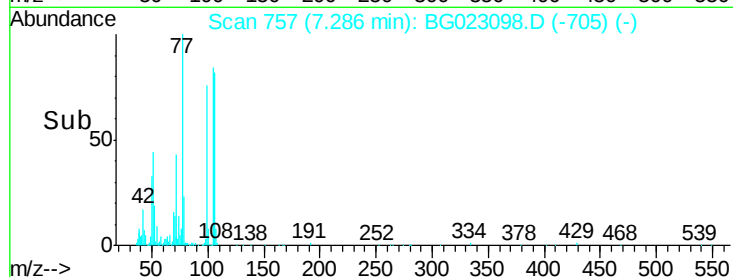
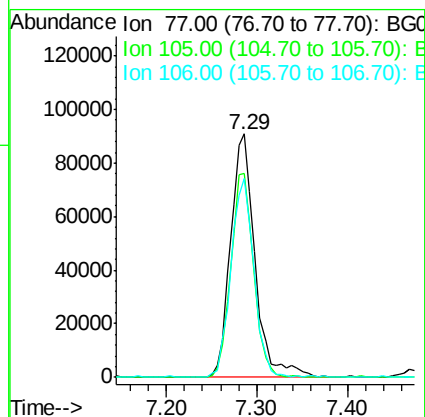
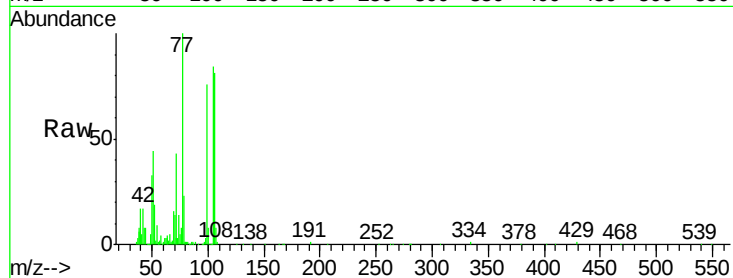
B7-B2(5-12)CMS

Tot Ion:	77	Resp:	170818
Ion	Ratio	Lower	Upper
77	100		
105	83.5	58.7	98.7
106	81.4	67.5	107.5

Manual Integrations

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7/15/2016 9:14:10 AM



#10

Phenol

Concen: 48.15 ng

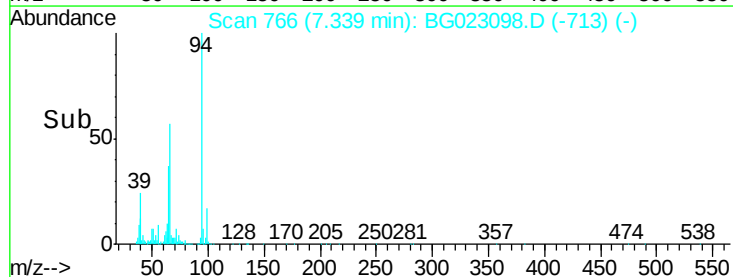
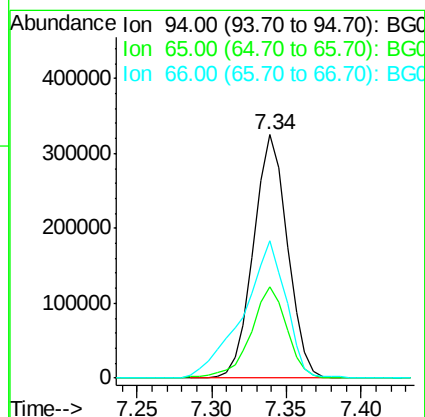
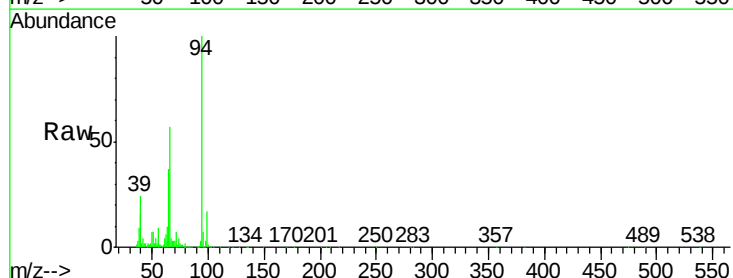
RT: 7.34 min Scan# 766

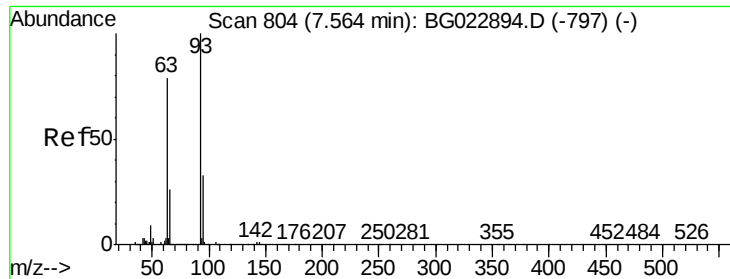
Delta R.T. 0.01 min

Lab File: BG023098.D

Acq: 14 Jul 2016 12:50

Tgt Ion:	94	Resp:	511118
Ion	Ratio	Lower	Upper
94	100		
65	37.3	18.1	58.1
66	56.5	42.1	82.1





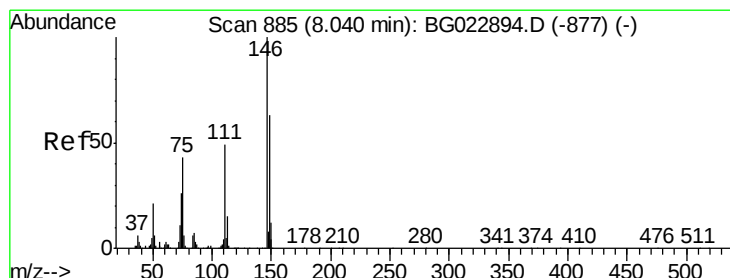
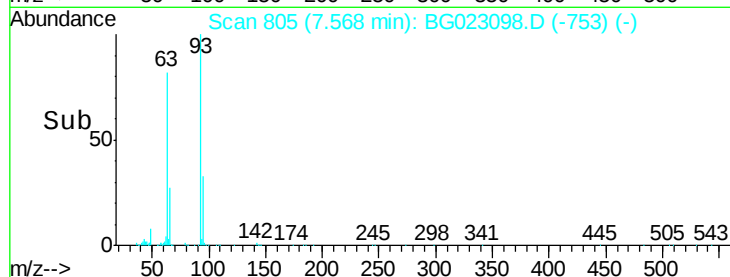
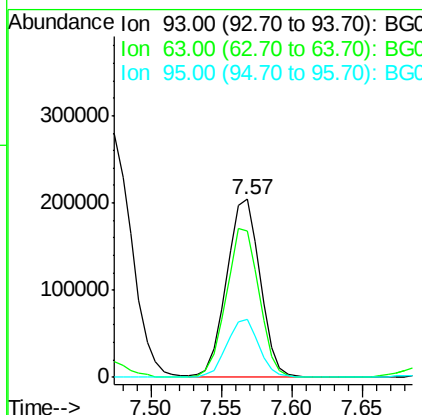
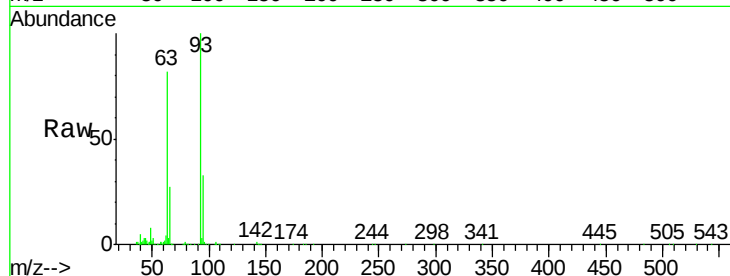
#11
bis(2-Chloroethyl)ether
Concen: 40.30 ng
RT: 7.57 min Scan# 805
Delta R.T. 0.00 min
Lab File: BG023098.D
Acq: 14 Jul 2016 12:50

Instrument :
BNA_G
ClientSampleId :
B7-B2(5-12)CMS

Tot Ion	Ratio	Lower	Upper
93	100		
63	82.3	55.0	95.0
95	32.9	11.0	51.0

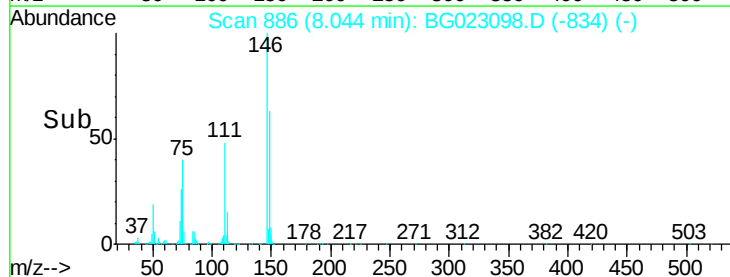
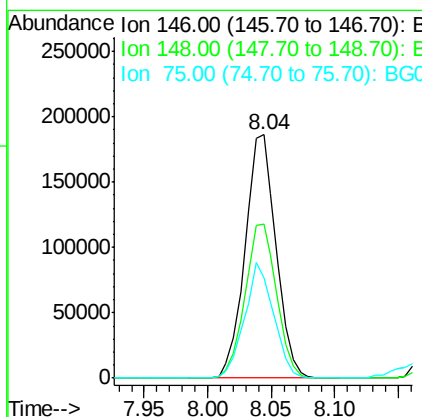
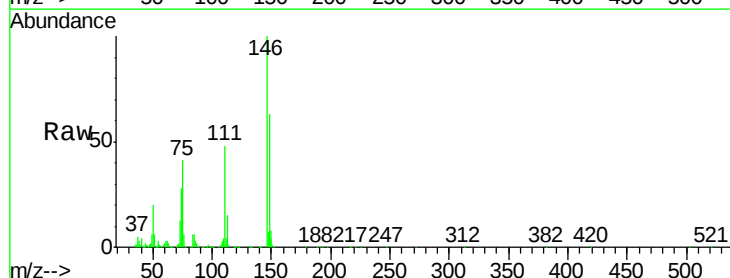
Manual Integrations

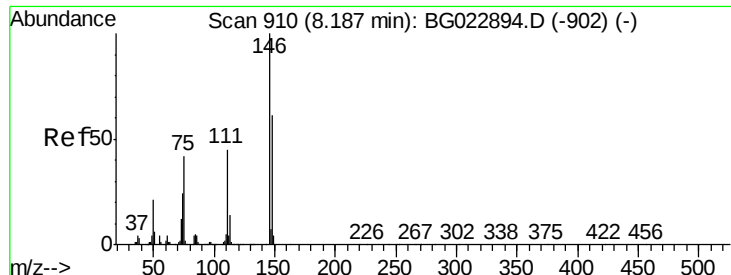
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#12
1,3-Dichlorobenzene
Concen: 36.84 ng
RT: 8.04 min Scan# 886
Delta R.T. 0.00 min
Lab File: BG023098.D
Acq: 14 Jul 2016 12:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.3	75.5
75	41.2	37.0	55.6





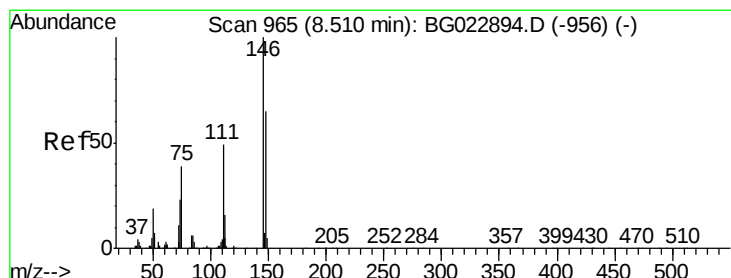
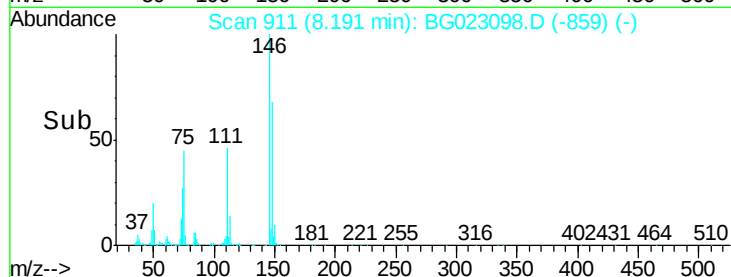
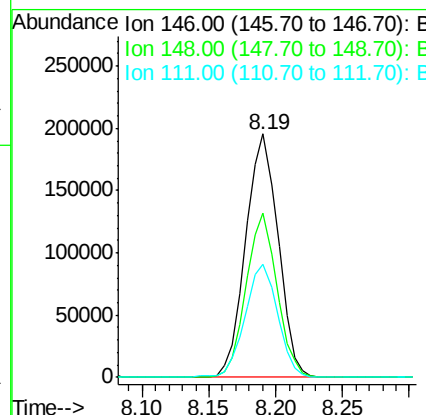
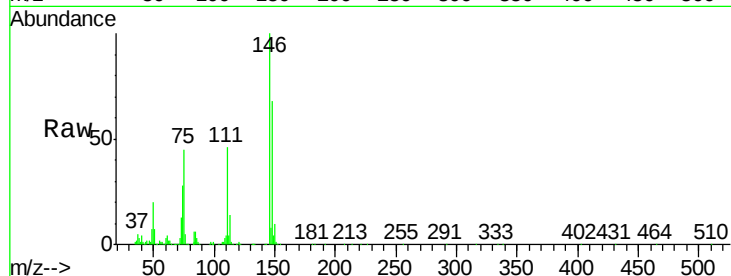
#13
1,4-Dichlorobenzene
Concen: 38.13 ng
RT: 8.19 min Scan# 911
Delta R.T. 0.00 min
Lab File: BG023098.D
Acq: 14 Jul 2016 12:50

Instrument :
BNA_G
ClientSampleId :
B7-B2(5-12)CMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	67.6	54.5	81.7
111	46.3	37.8	56.8

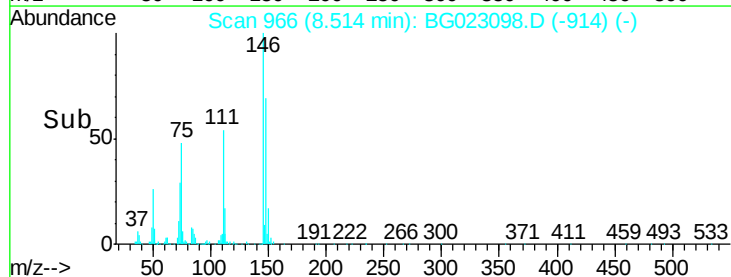
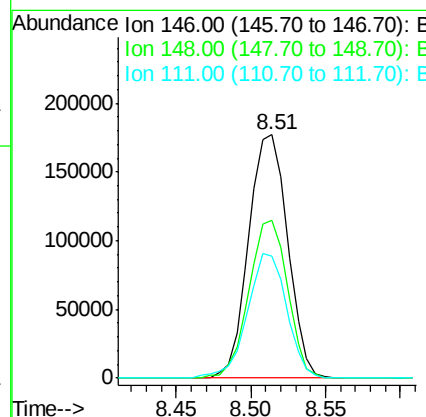
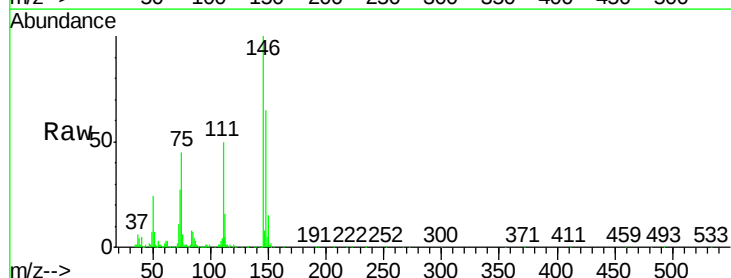
Manual Integrations

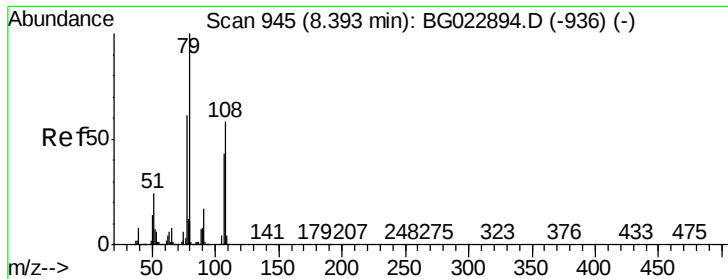
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#14
1,2-Dichlorobenzene
Concen: 37.42 ng
RT: 8.51 min Scan# 966
Delta R.T. 0.00 min
Lab File: BG023098.D
Acq: 14 Jul 2016 12:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	52.9	79.3
111	50.4	43.5	65.3





#15

Benzyl Alcohol

Concen: 47.37 ng

RT: 8.39 min Scan# 945

Delta R.T. -0.00 min

Lab File: BG023098.D

Acq: 14 Jul 2016 12:50

Instrument :

BNA_G

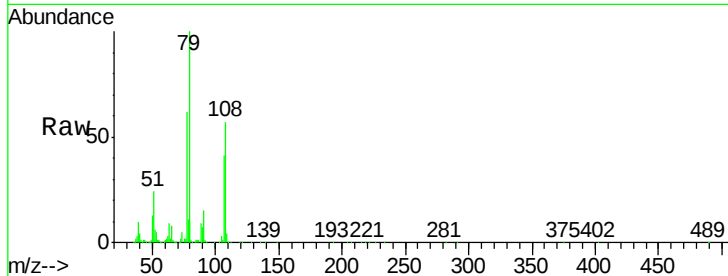
ClientSampleId :

B7-B2(5-12)CMS

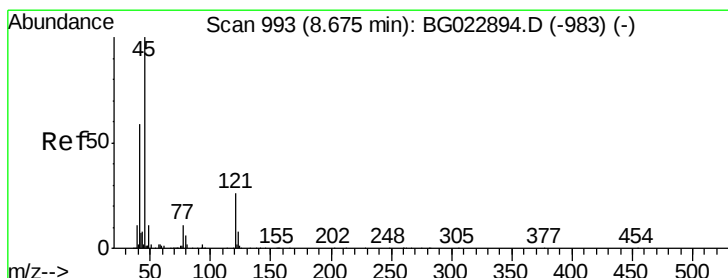
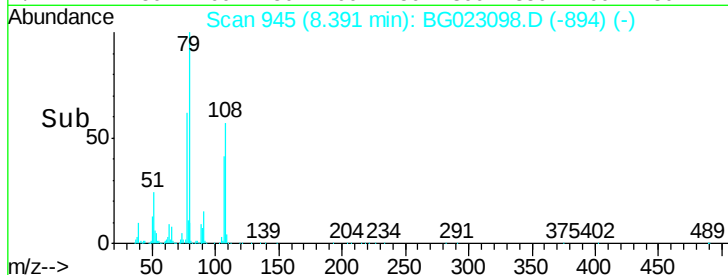
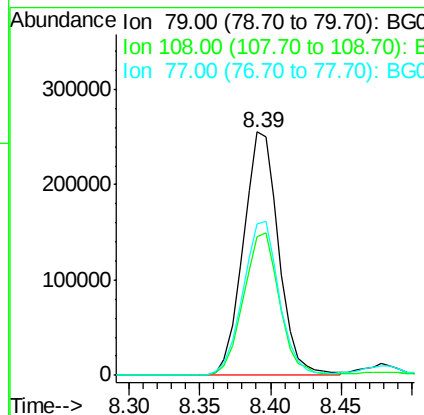
Manual Integrations

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Tot Ion:	79	Resp:	447595
Ion	Ratio	Lower	Upper
79	100		
108	57.1	46.5	69.7
77	62.4	52.3	78.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.82 ng

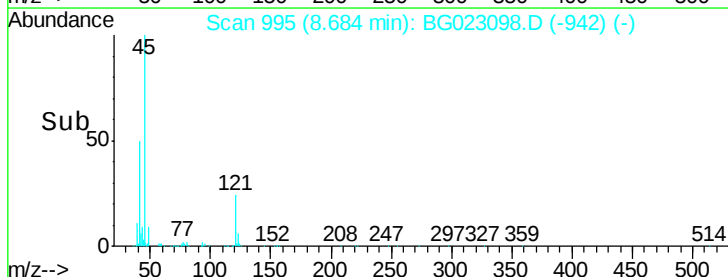
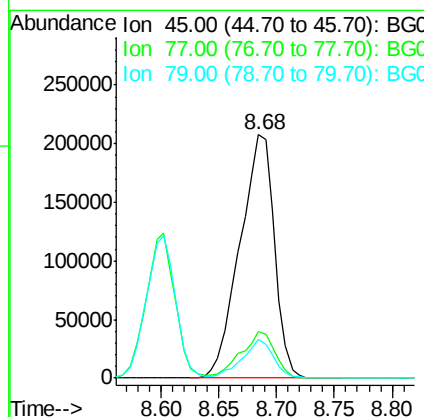
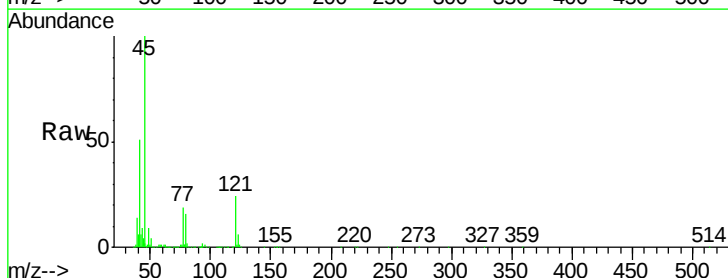
RT: 8.68 min Scan# 995

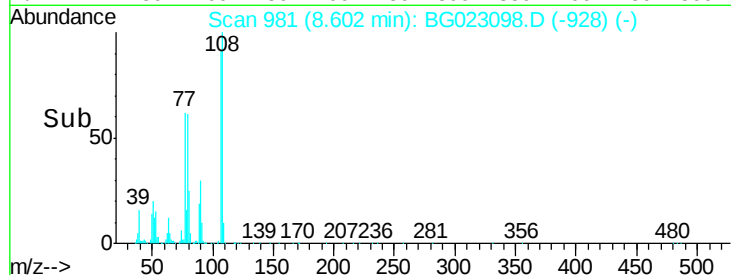
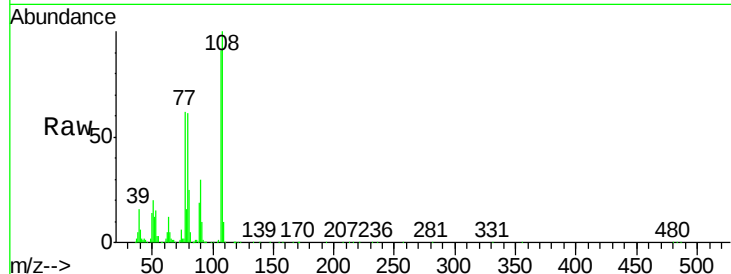
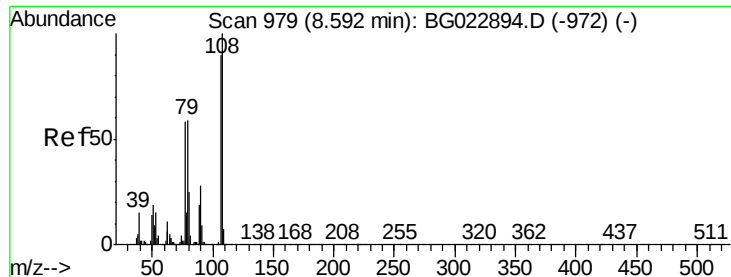
Delta R.T. 0.01 min

Lab File: BG023098.D

Acq: 14 Jul 2016 12:50

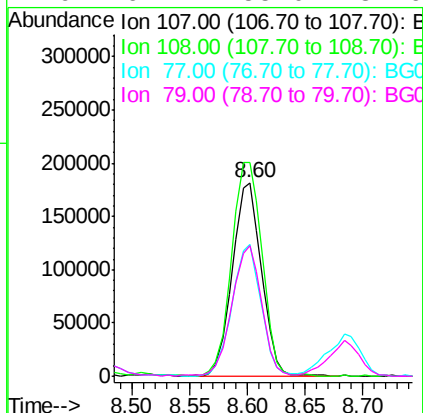
Tgt Ion:	45	Resp:	429745
Ion	Ratio	Lower	Upper
45	100		
77	19.3	0.6	40.6
79	16.0	0.0	36.2





#17
2-Methylphenol
Concen: 45.83 ng
RT: 8.60 min Scan# 981
Delta R.T. 0.01 min
Lab File: BG023098.D
Acq: 14 Jul 2016 12:50

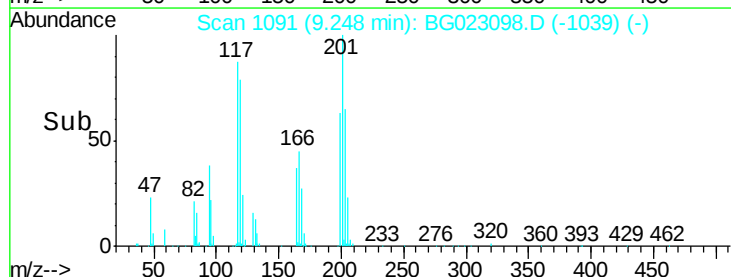
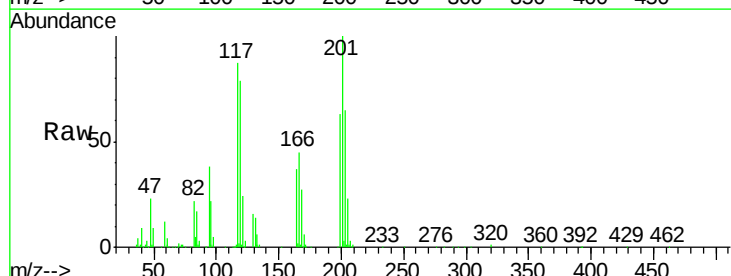
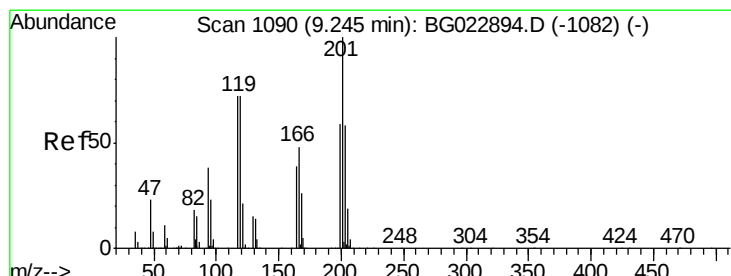
Tot Ion	107	Resp	316701
Ion Ratio	Lower	Upper	
107	100		
108	110.3	92.0	138.0
77	67.9	55.8	83.6
79	67.2	55.0	82.6



Instrument :
BNA_G
ClientSampleId :
B7-B2(5-12)CMS

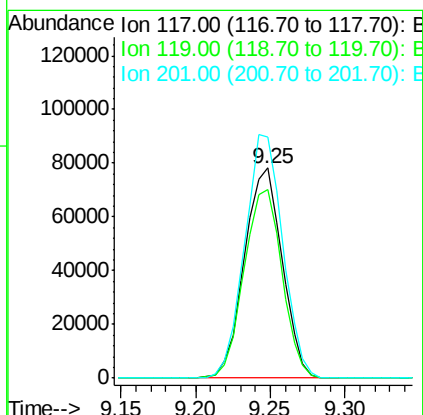
Manual Integrations

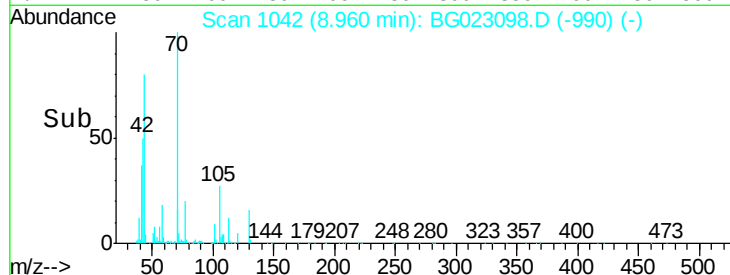
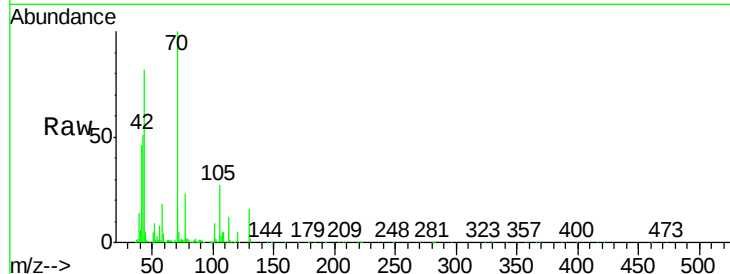
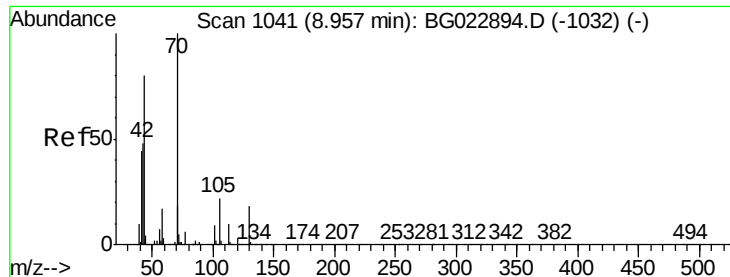
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#18
Hexachloroethane
Concen: 37.67 ng
RT: 9.25 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BG023098.D
Acq: 14 Jul 2016 12:50

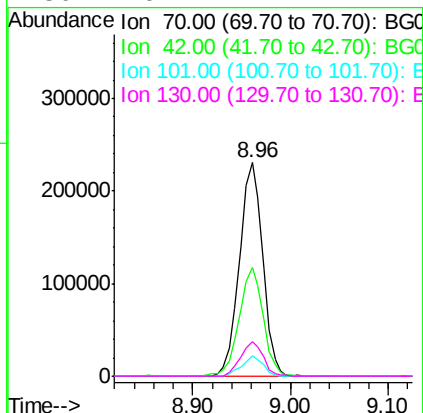
Tgt Ion	117	Resp	136574
Ion Ratio	Lower	Upper	
117	100		
119	90.2	73.7	110.5
201	114.7	88.7	133.1





#19
n-Nitroso-di-n-propylamine
Concen: 40.91 ng
RT: 8.96 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BG023098.D
Acq: 14 Jul 2016 12:50

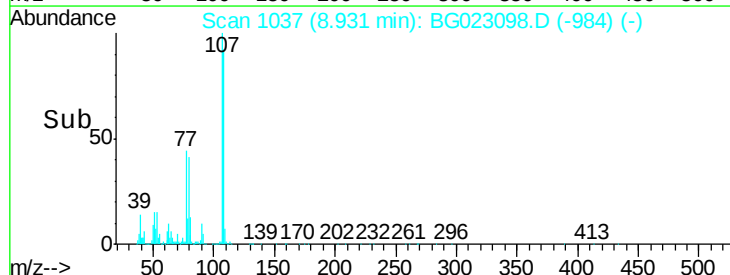
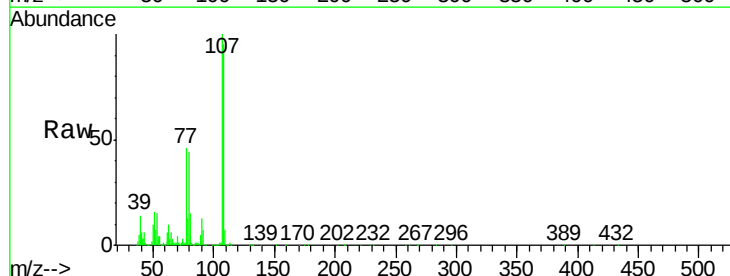
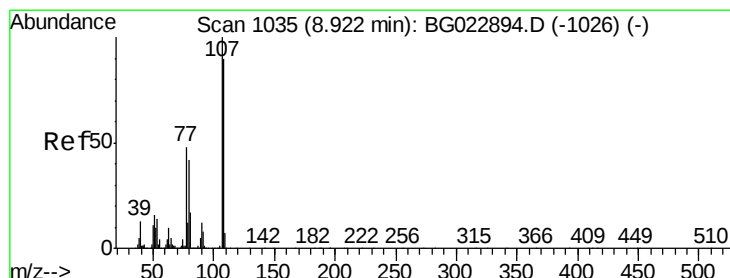
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	51.1	42.1	63.1	
101	9.3	7.2	10.8	
130	16.2	14.2	21.2	



Instrument :
BNA_G
ClientSampleId :
B7-B2(5-12)CMS

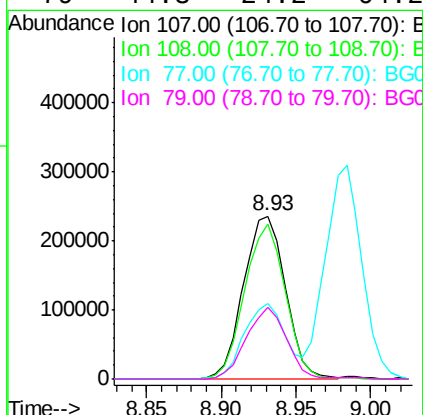
Manual Integrations

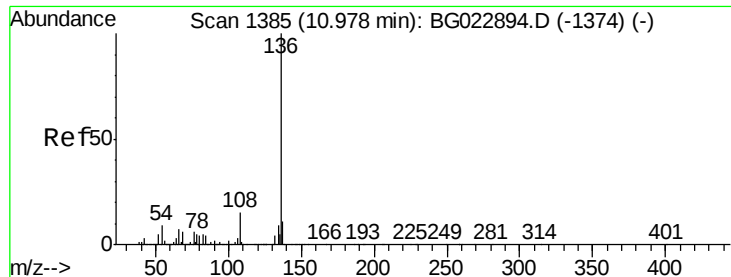
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#20
3+4-Methylphenols
Concen: 47.60 ng
RT: 8.93 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BG023098.D
Acq: 14 Jul 2016 12:50

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	95.2	72.5	112.5	
77	46.3	30.1	70.1	
79	44.3	24.2	64.2	





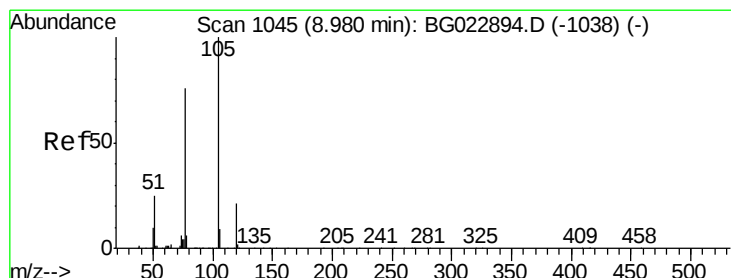
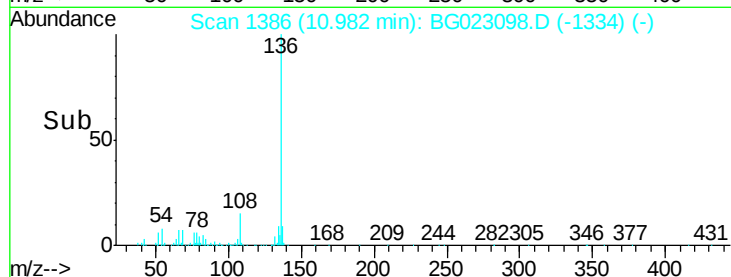
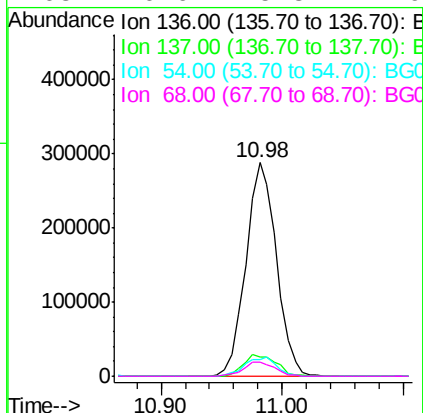
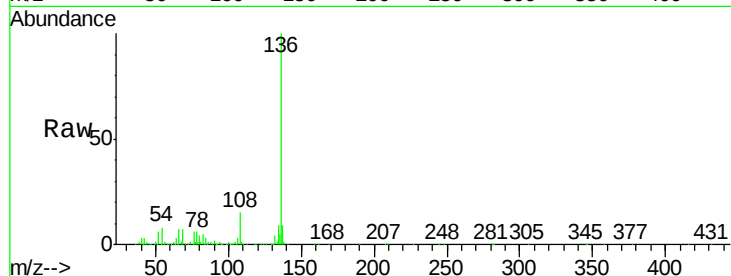
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1386
Delta R.T. 0.00 min
Lab File: BG023098.D
Acq: 14 Jul 2016 12:50

Instrument :
BNA_G
ClientSampleId :
B7-B2(5-12)CMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	505676		
137	8.8	9.6	14.4#	
54	7.9	7.3	10.9	
68	6.6	5.3	7.9	

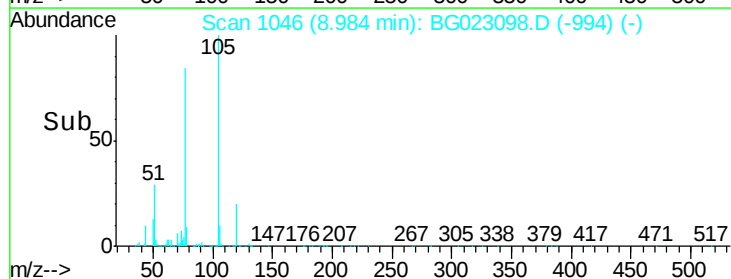
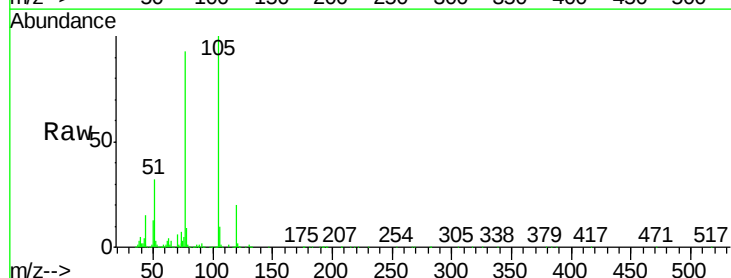
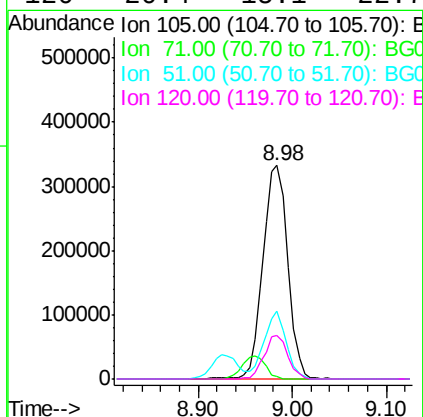
Manual Integrations

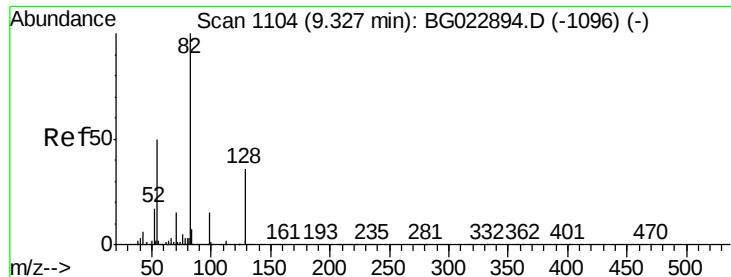
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#22
Acetophenone
Concen: 40.11 ng
RT: 8.98 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BG023098.D
Acq: 14 Jul 2016 12:50

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	608706		
71	1.0	2.6	3.8#	
51	31.8	27.1	40.7	
120	20.4	15.1	22.7	





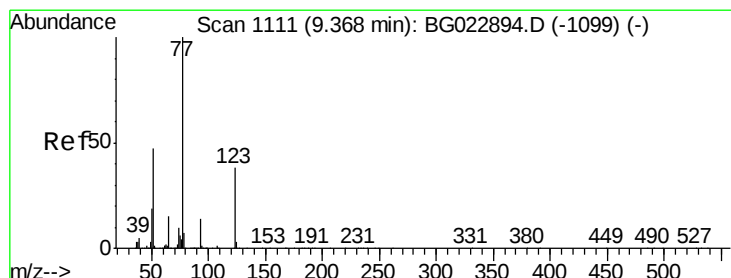
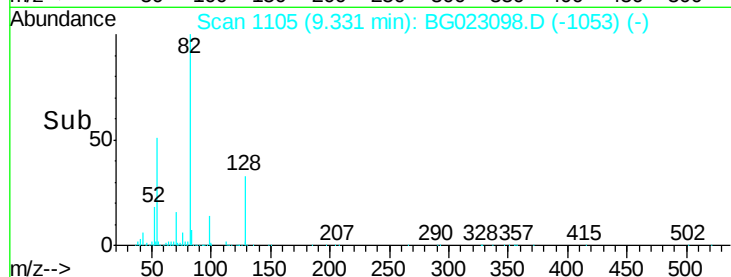
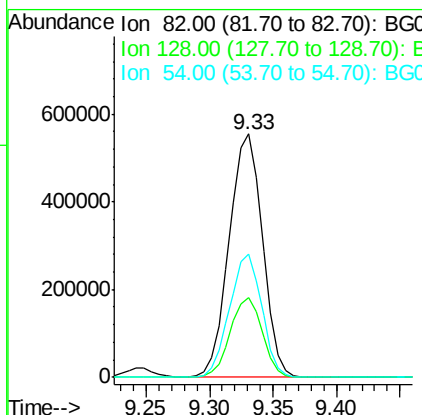
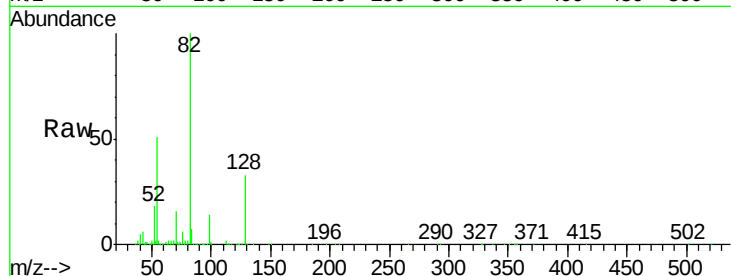
#23
 Nitrobenzene-d5
 Concen: 85.13 ng
 RT: 9.33 min Scan# 1105
 Delta R.T. 0.00 min
 Lab File: BG023098.D
 Acq: 14 Jul 2016 12:50

Instrument :
 BNA_G
 ClientSampleId :
 B7-B2(5-12)CMS

Tot Ion: 82 Resp: 1005389
 Ion Ratio Lower Upper
 82 100
 128 32.7 24.4 36.6
 54 50.7 41.4 62.0

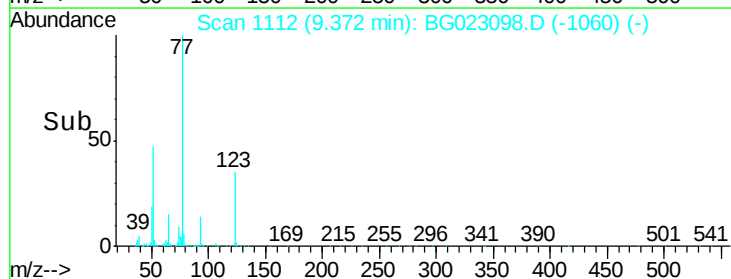
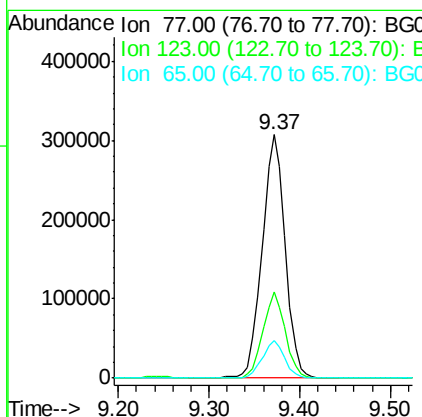
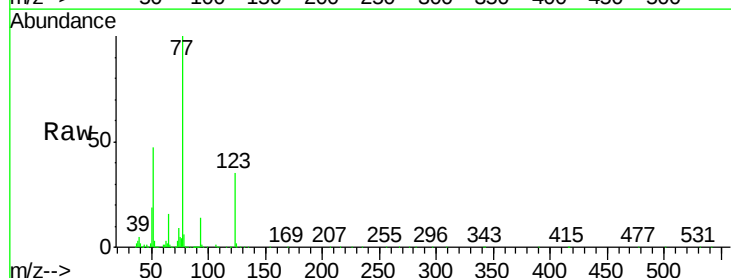
Manual Integrations

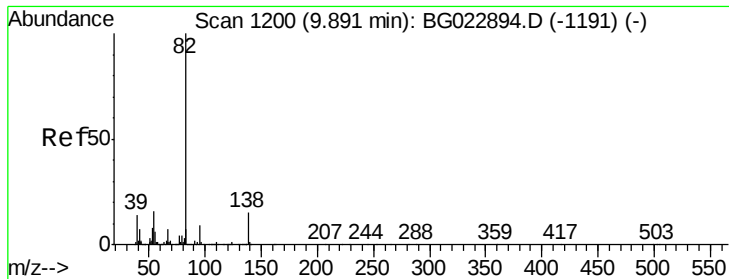
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#24
 Nitrobenzene
 Concen: 43.22 ng
 RT: 9.37 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BG023098.D
 Acq: 14 Jul 2016 12:50

Tgt Ion: 77 Resp: 542333
 Ion Ratio Lower Upper
 77 100
 123 35.3 25.0 37.6
 65 15.6 13.4 20.0





#25

Isophorone

Concen: 41.62 ng

RT: 9.89 min Scan# 1200

Delta R.T. -0.00 min

Lab File: BG023098.D

Acq: 14 Jul 2016 12:50

Instrument :

BNA_G

ClientSampleId :

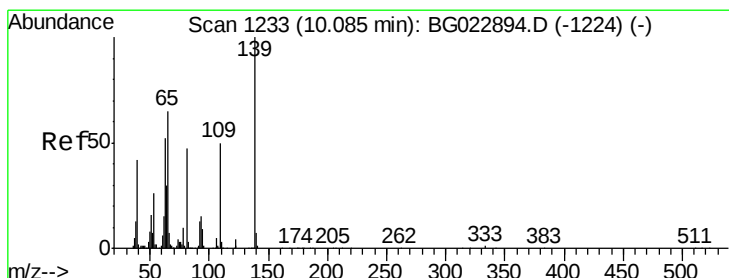
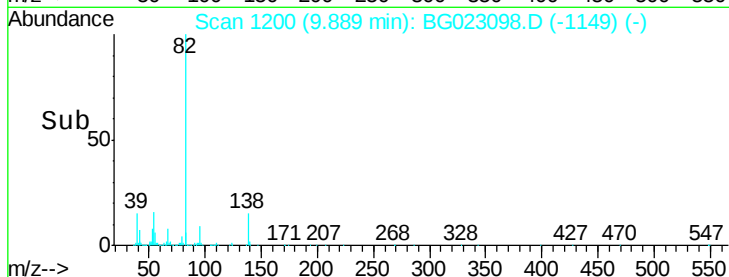
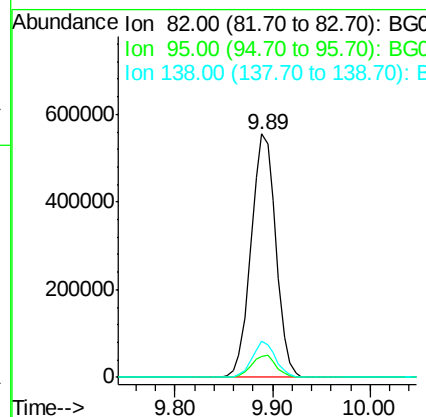
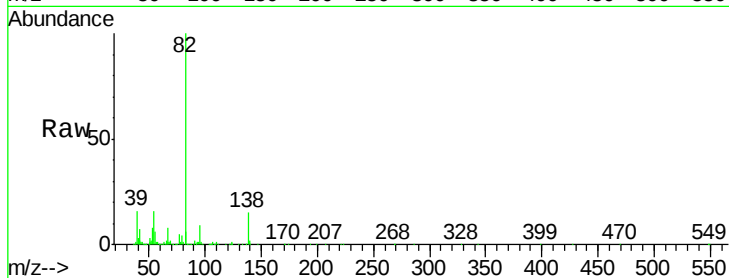
B7-B2(5-12)CMS

Tot Ion:	82	Resp:	988519
Ion Ratio	Lower	Upper	
82	100		
95	8.7	8.2	12.2
138	14.8	10.7	16.1

Manual Integrations

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#26

2-Nitrophenol

Concen: 44.29 ng

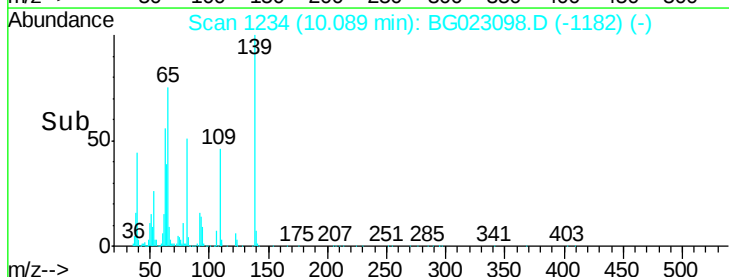
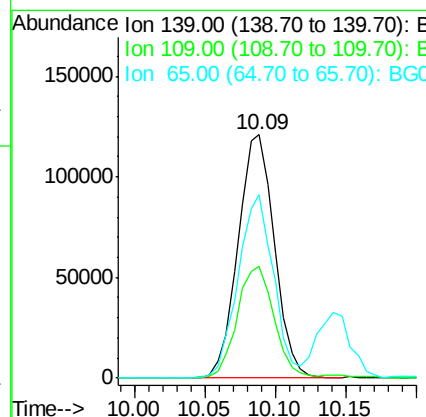
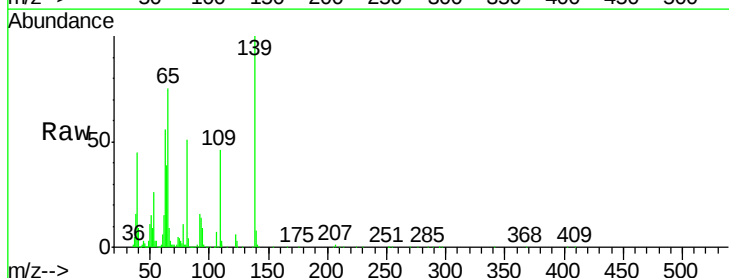
RT: 10.09 min Scan# 1234

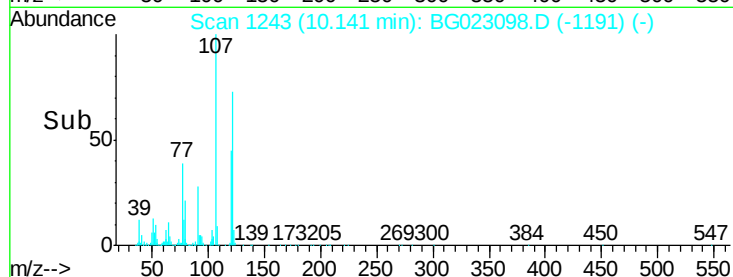
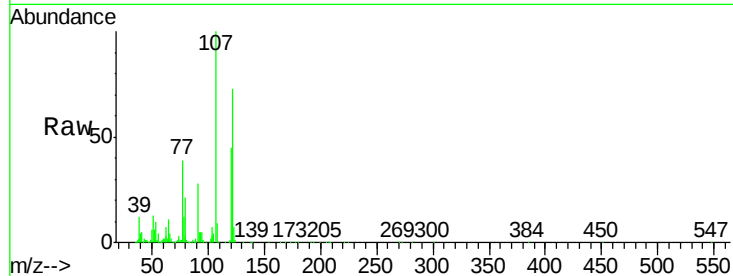
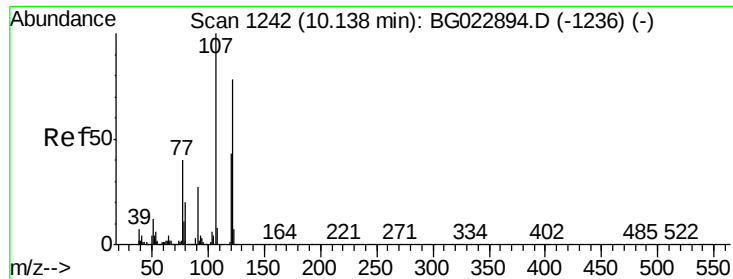
Delta R.T. 0.00 min

Lab File: BG023098.D

Acq: 14 Jul 2016 12:50

Tgt Ion:	139	Resp:	218066
Ion Ratio	Lower	Upper	
139	100		
109	45.9	43.5	65.3
65	75.3	64.3	96.5





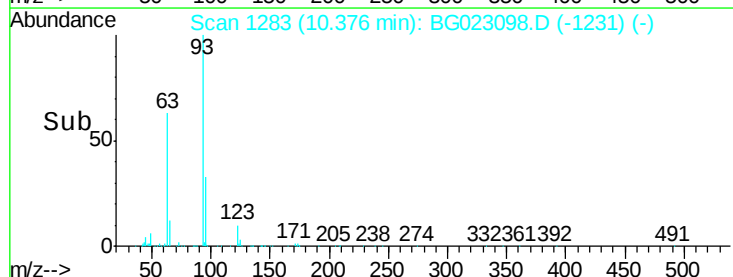
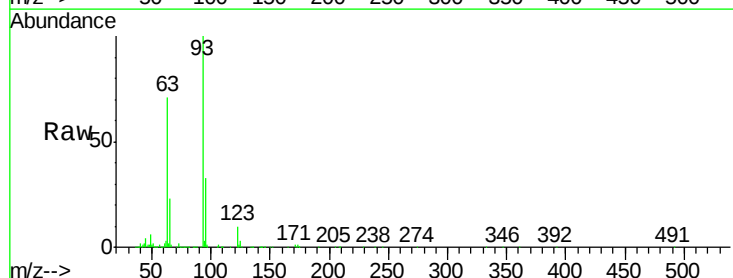
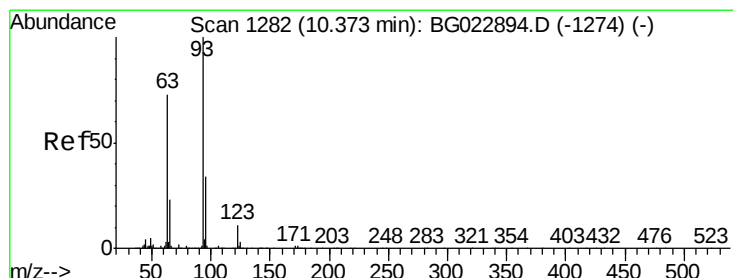
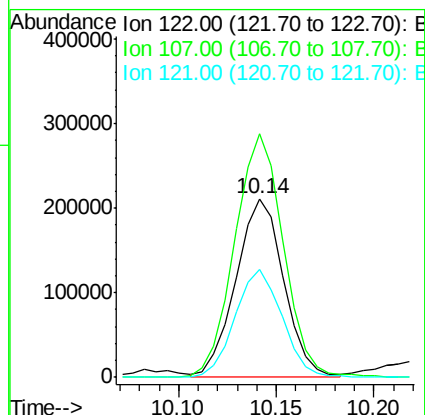
#27
2,4-Dimethylphenol
Concen: 41.93 ng
RT: 10.14 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BG023098.D
Acq: 14 Jul 2016 12:50

Tot Ion	Ratio	Lower	Upper
122	100		
107	136.4	117.0	175.4
121	60.7	50.1	75.1

Instrument :
BNA_G
ClientSampleId :
B7-B2(5-12)CMS

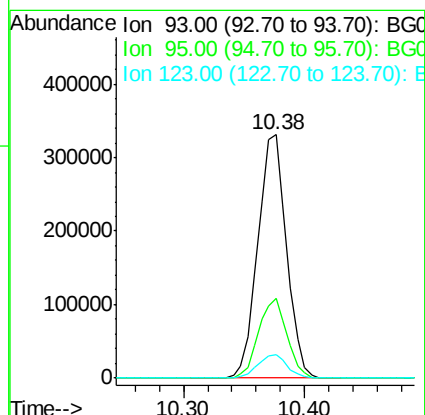
Manual Integrations

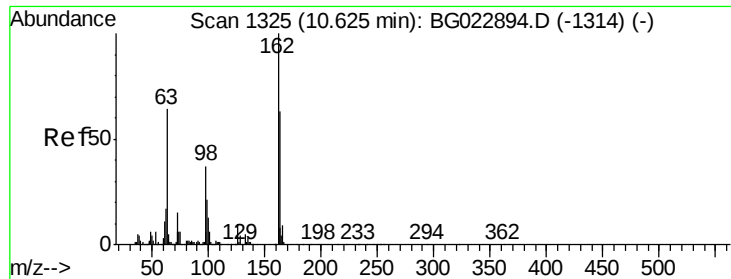
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#28
bis(2-Chloroethoxy)methane
Concen: 41.20 ng
RT: 10.38 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BG023098.D
Acq: 14 Jul 2016 12:50

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	25.4	38.2
123	9.9	8.2	12.2





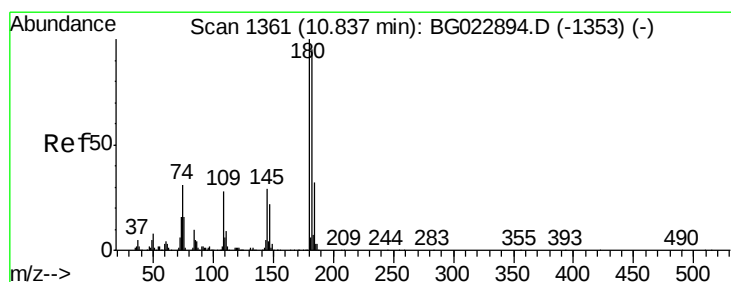
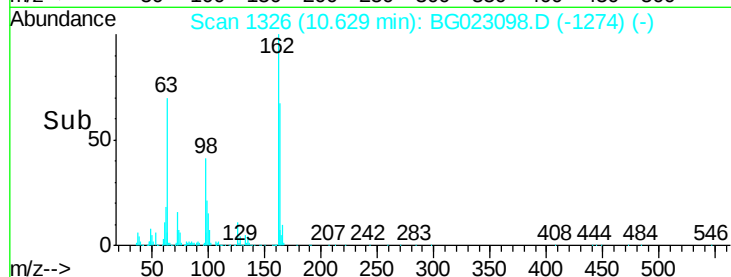
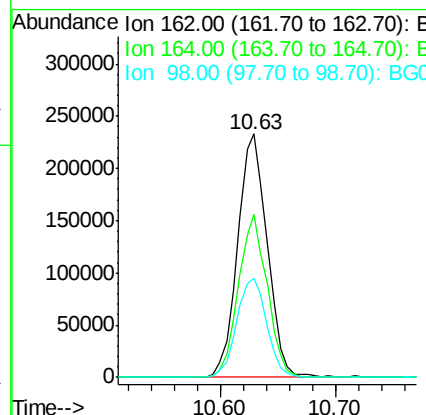
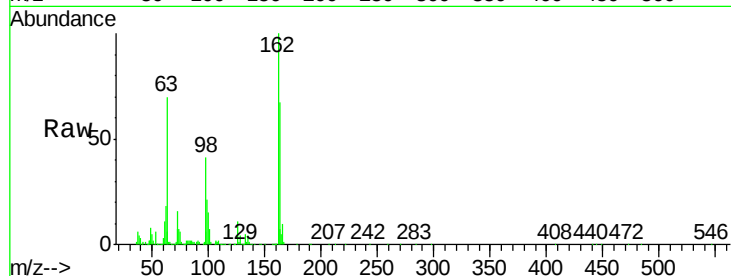
#29
 2,4-Dichlorophenol
 Concen: 45.37 ng
 RT: 10.63 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BG023098.D
 Acq: 14 Jul 2016 12:50

Instrument :
 BNA_G
 ClientSampleId :
 B7-B2(5-12)CMS

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.7	44.3	84.3
98	40.8	19.5	59.5

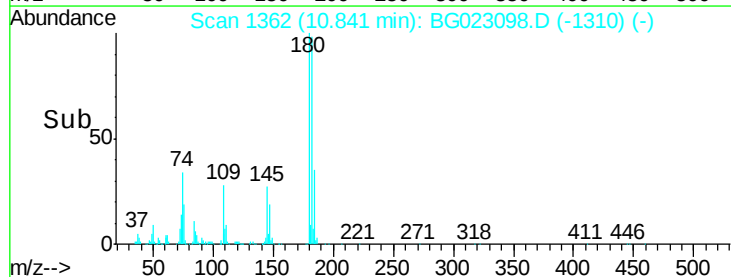
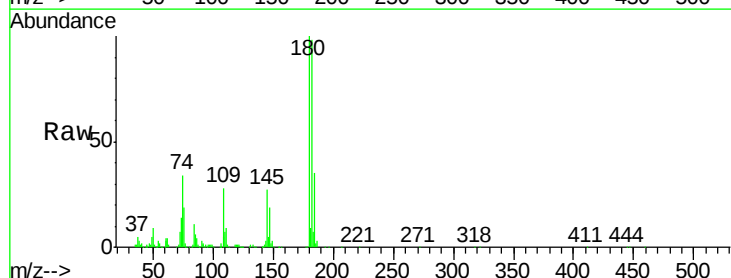
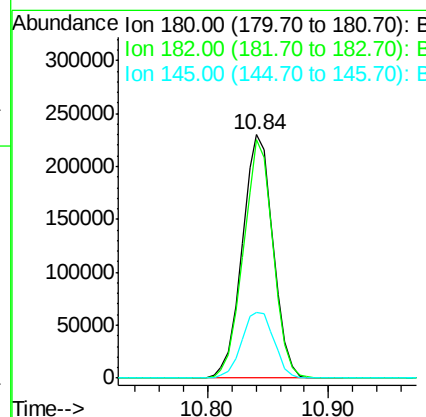
Manual Integrations

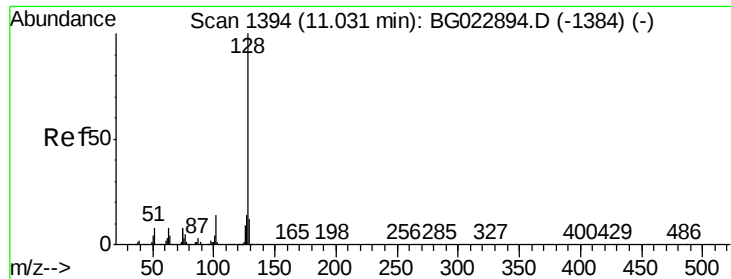
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.11 ng
 RT: 10.84 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: BG023098.D
 Acq: 14 Jul 2016 12:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.1	73.8	110.8
145	26.8	24.4	36.6





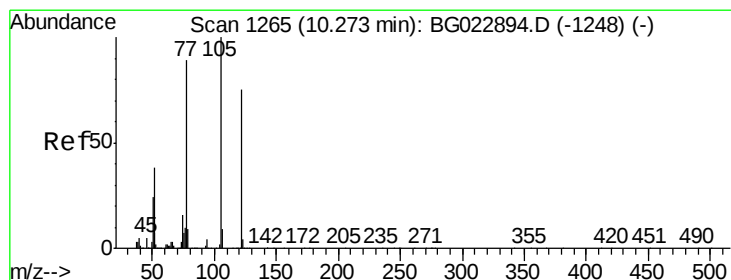
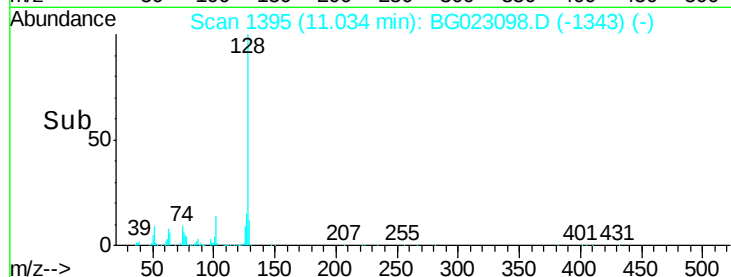
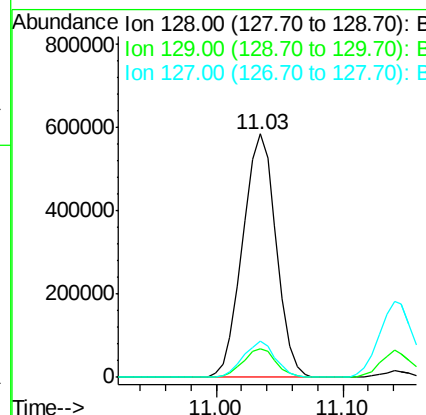
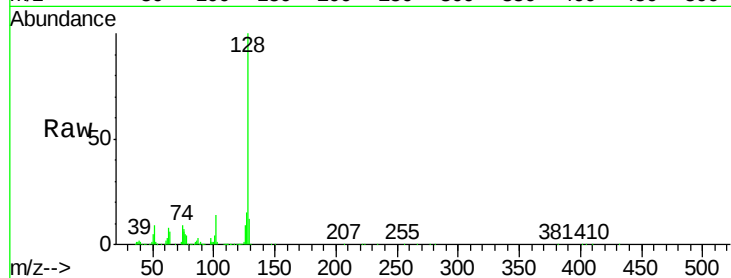
#31
Naphthalene
Concen: 41.50 ng
RT: 11.03 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BG023098.D
Acq: 14 Jul 2016 12:50

Instrument :
BNA_G
ClientSampleId :
B7-B2(5-12)CMS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.4	14.0
127	14.8	11.3	16.9

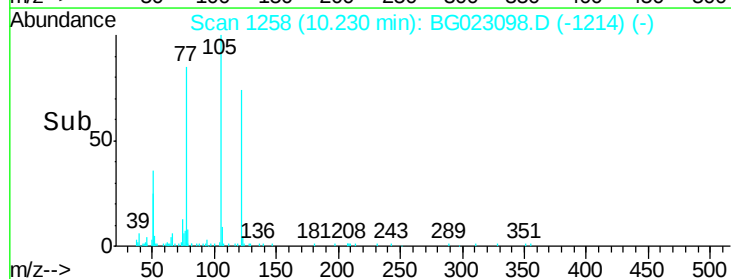
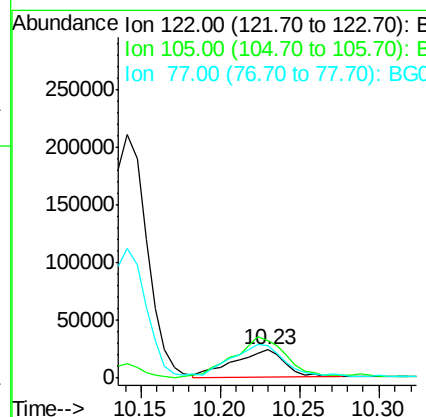
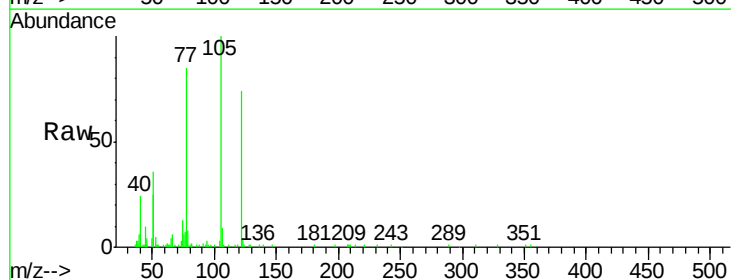
Manual Integrations

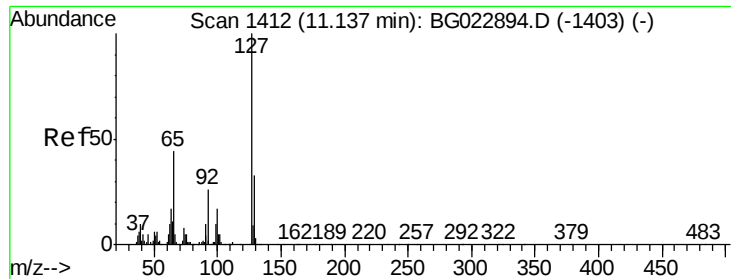
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#32
Benzoic acid
Concen: 6.92 ng
RT: 10.23 min Scan# 1258
Delta R.T. -0.04 min
Lab File: BG023098.D
Acq: 14 Jul 2016 12:50

Tgt Ion	Ratio	Lower	Upper
122	100		
105	134.5	117.2	157.2
77	114.3	109.2	149.2





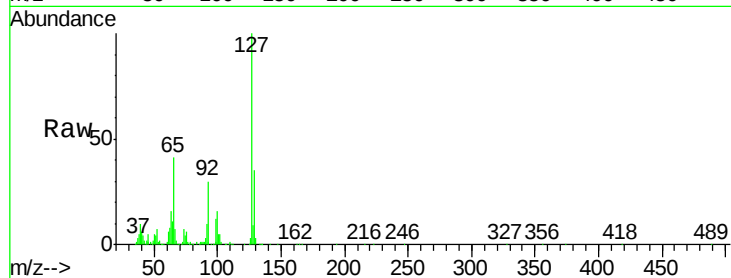
#33
4-Chloroaniline
Concen: 26.99 ng
RT: 11.14 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BG023098.D
Acq: 14 Jul 2016 12:50

Instrument :
BNA_G
ClientSampleId :
B7-B2(5-12)CMS

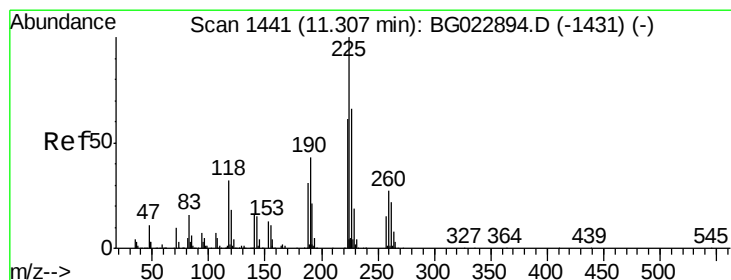
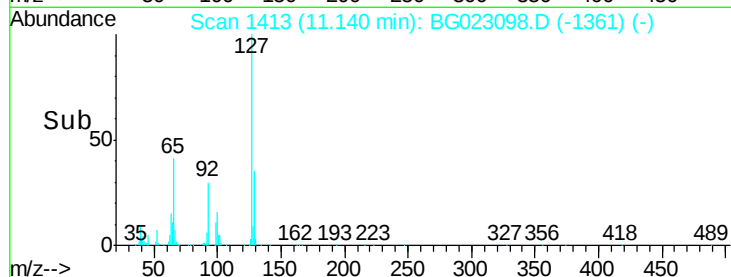
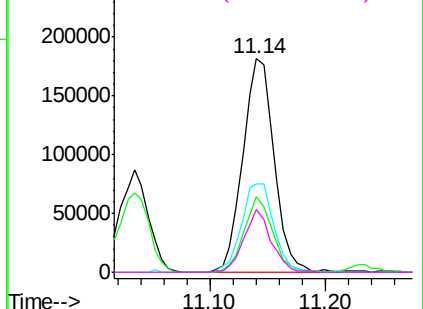
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	35.2	27.9	41.9		
65	41.1	36.8	55.2		
92	29.7	21.0	31.6		

Manual Integrations

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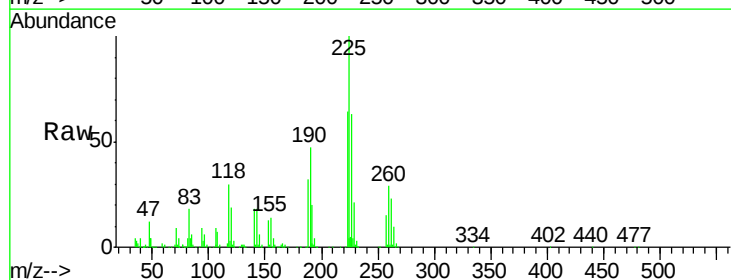


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

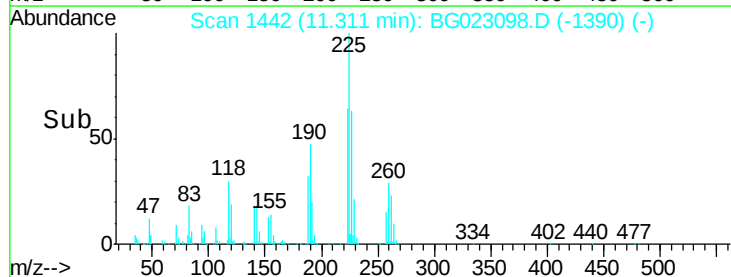
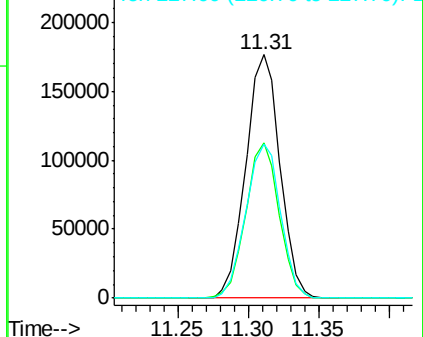


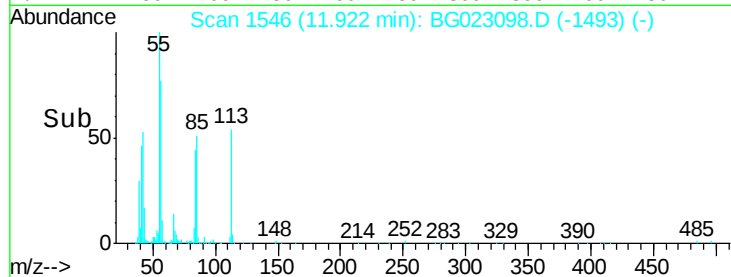
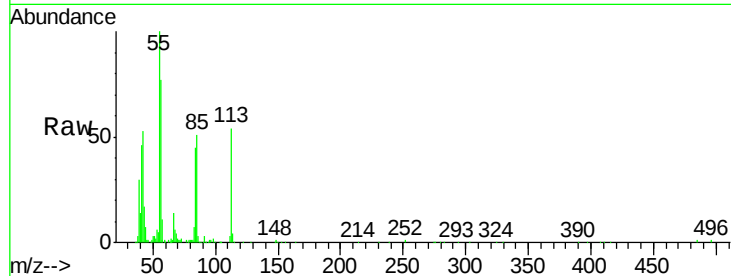
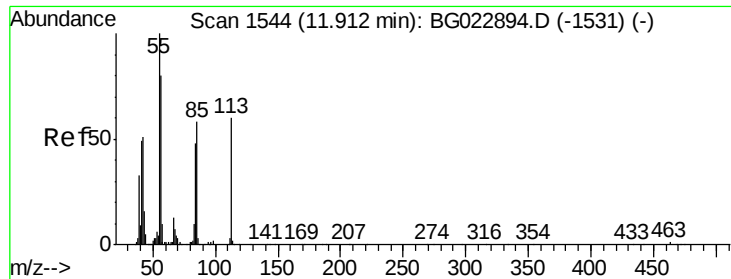
#34
Hexachlorobutadiene
Concen: 35.55 ng
RT: 11.31 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BG023098.D
Acq: 14 Jul 2016 12:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.6	49.6	74.4		
227	63.3	54.5	81.7		



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





#35

Caprolactam

Concen: 37.43 ng/ml

RT: 11.92 min Scan# 1546

Delta R.T. 0.01 min

Lab File: BG023098.D

Acq: 14 Jul 2016 12:50

Tot Ion:	113	Resp:	139796
Ion Ratio	Lower	Upper	
113	100		
55	183.8	154.5	194.5
56	141.4	125.1	165.1

Instrument :

BNA_G

ClientSampleId :

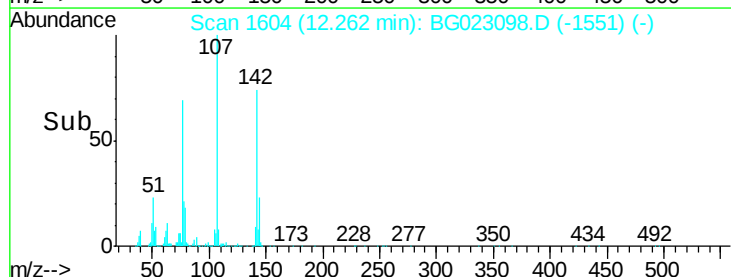
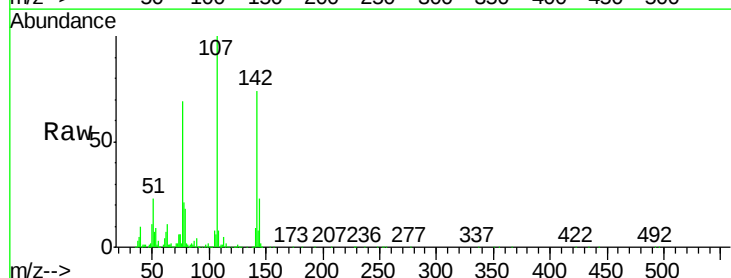
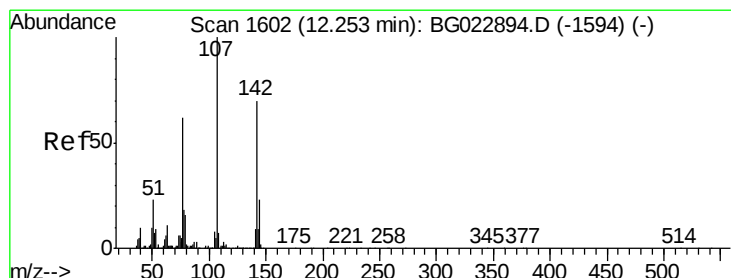
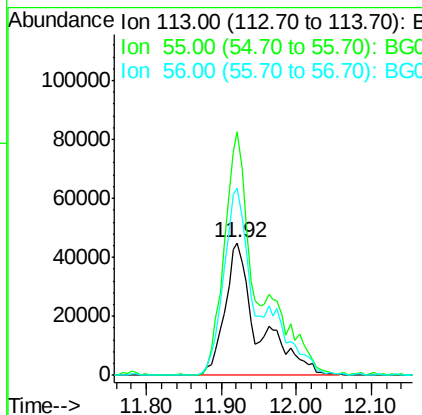
B7-B2(5-12)CMS

Manual Integrations

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#36

4-Chloro-3-methylphenol

Concen: 41.95 ng/ml

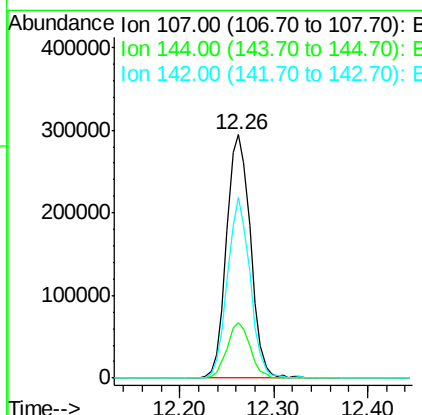
RT: 12.26 min Scan# 1604

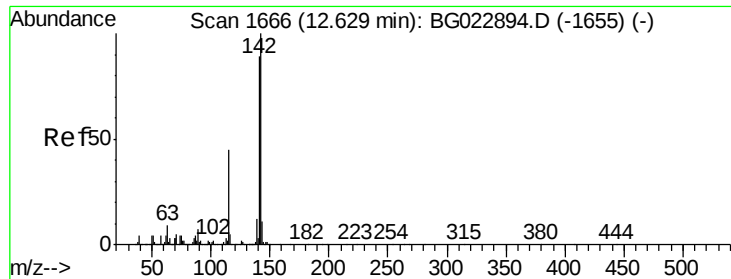
Delta R.T. 0.01 min

Lab File: BG023098.D

Acq: 14 Jul 2016 12:50

Tgt Ion:	107	Resp:	520904
Ion Ratio	Lower	Upper	
107	100		
144	22.6	17.0	25.6
142	74.2	53.0	79.6





#37

2-Methylnaphthalene

Concen: 42.14 ng

RT: 12.63 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BG023098.D

Acq: 14 Jul 2016 12:50

Instrument :

BNA_G

ClientSampleId :

B7-B2(5-12)CMS

Tot Ion:142 Resp: 857323

Ion Ratio Lower Upper

142 100

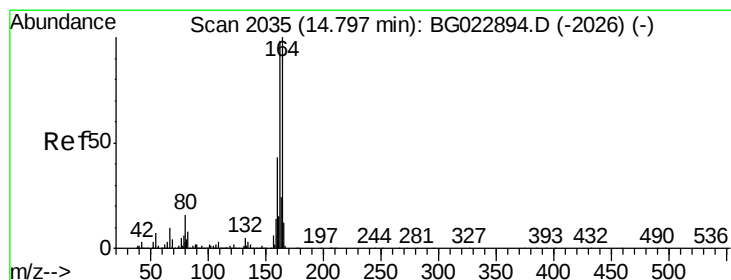
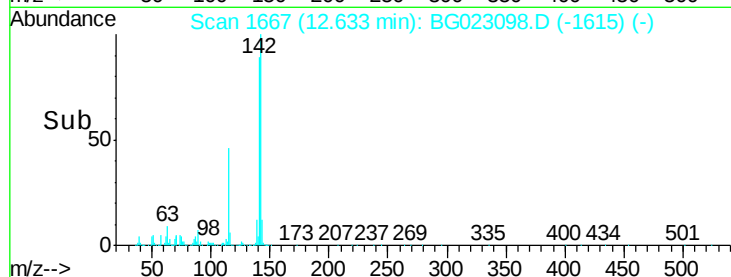
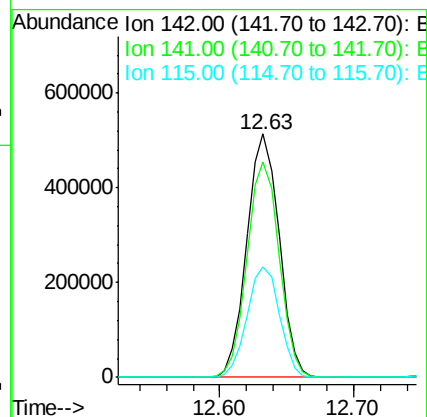
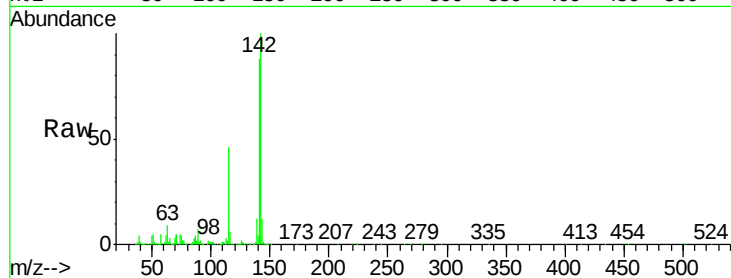
141 88.4 70.2 105.2

115 45.5 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: BG023098.D

Acq: 14 Jul 2016 12:50

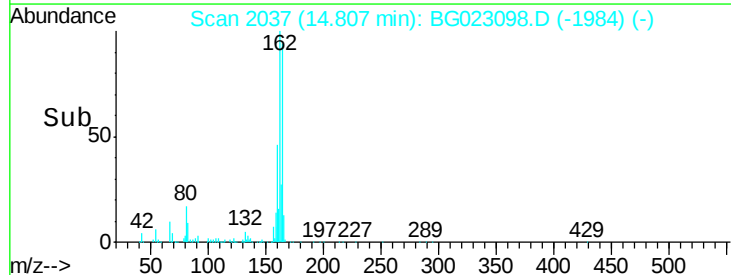
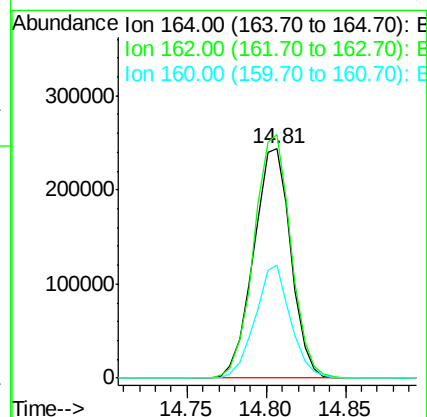
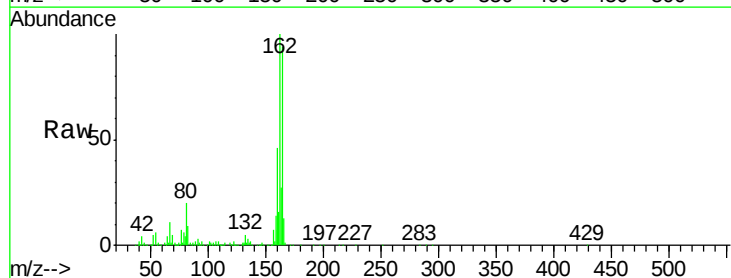
Tgt Ion:164 Resp: 398024

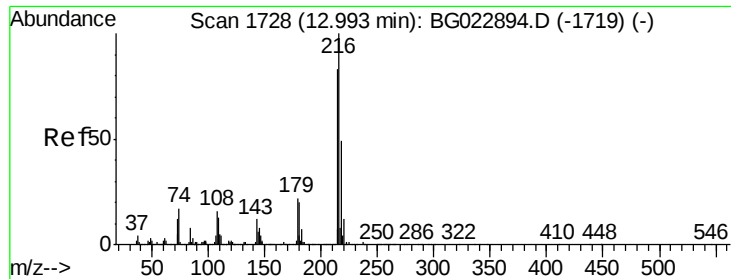
Ion Ratio Lower Upper

164 100

162 106.2 87.7 131.5

160 49.3 37.2 55.8





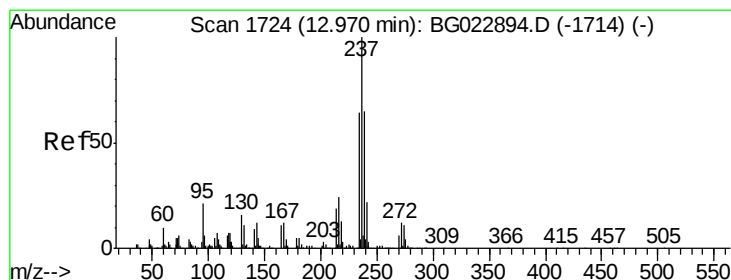
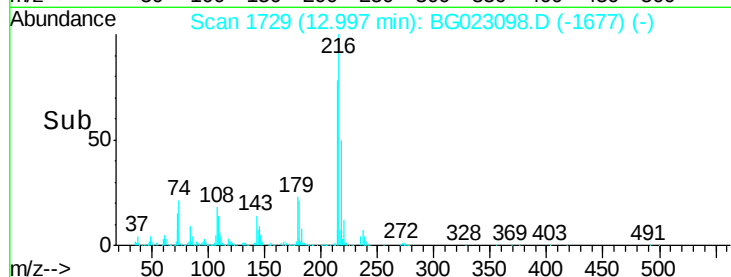
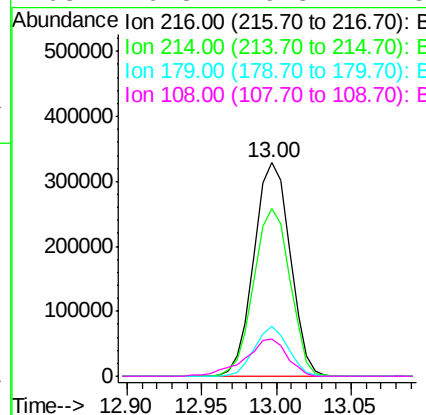
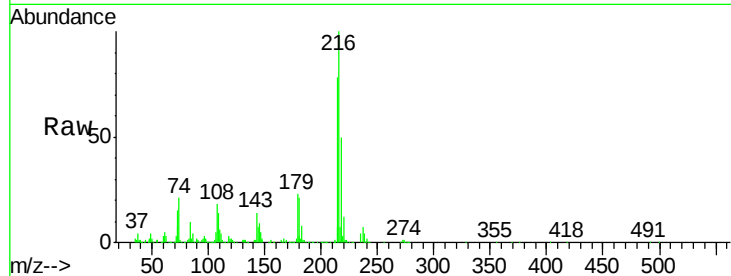
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 32.13 ng
 RT: 13.00 min Scan# 1729
 Delta R.T. 0.00 min
 Lab File: BG023098.D
 Acq: 14 Jul 2016 12:50

Instrument :
 BNA_G
 ClientSampleId :
 B7-B2(5-12)CMS

Tot Ion:	216	Resp:	551043
Ion Ratio	Lower	Upper	
216	100		
214	78.8	62.9	94.3
179	21.6	17.2	25.8
108	20.3	16.3	24.5

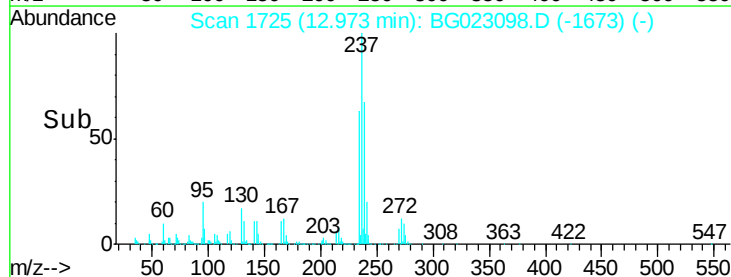
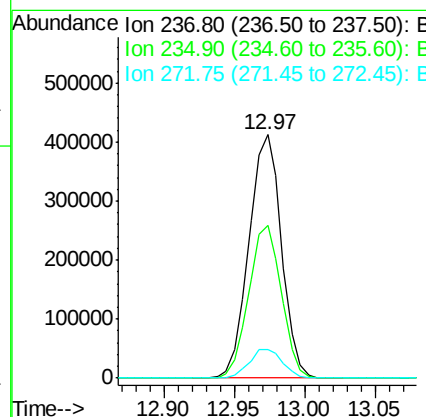
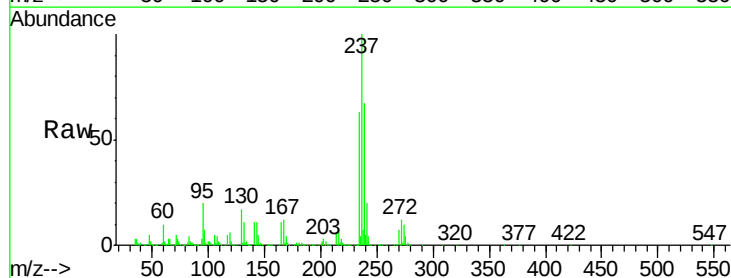
Manual Integrations

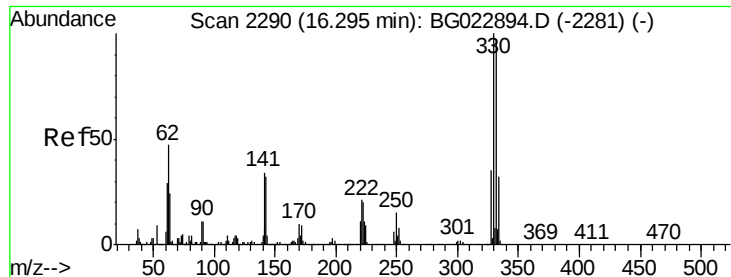
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#40
 Hexachlorocyclopentadiene
 Concen: 67.30 ng
 RT: 12.97 min Scan# 1725
 Delta R.T. 0.00 min
 Lab File: BG023098.D
 Acq: 14 Jul 2016 12:50

Tgt Ion:	237	Resp:	664540
Ion Ratio	Lower	Upper	
237	100		
235	62.6	43.1	83.1
272	11.7	0.0	30.9





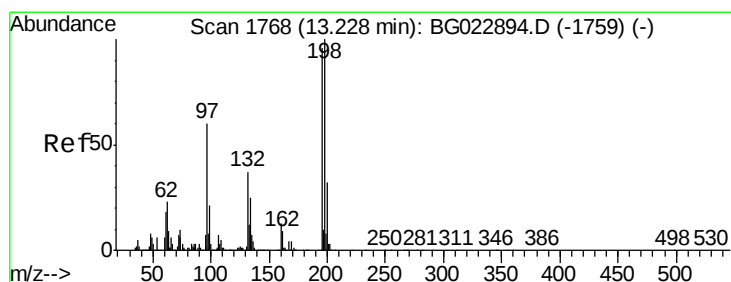
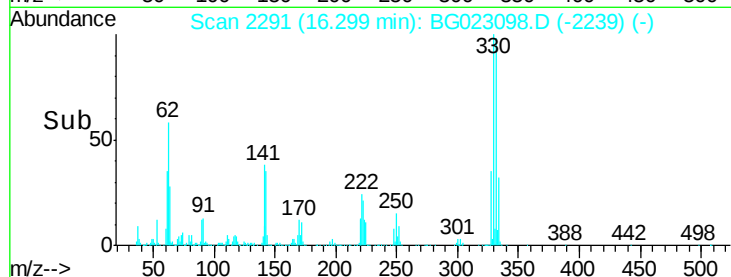
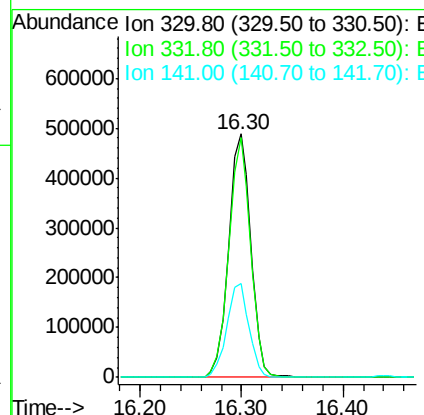
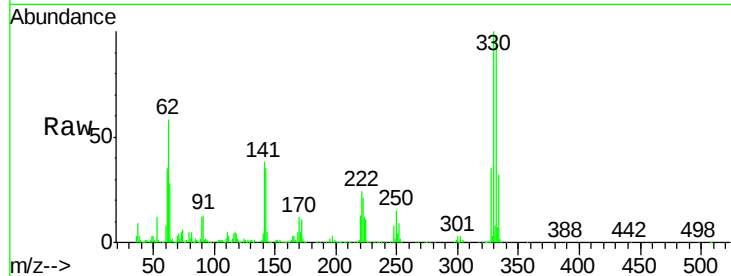
#41
 2,4,6-Tribromophenol
 Concen: 103.37 ng
 RT: 16.30 min Scan# 2291
 Delta R.T. 0.00 min
 Lab File: BG023098.D
 Acq: 14 Jul 2016 12:50

Instrument :
 BNA_G
 ClientSampleId :
 B7-B2(5-12)CMS

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.4	116.2
141	38.6	31.7	47.5

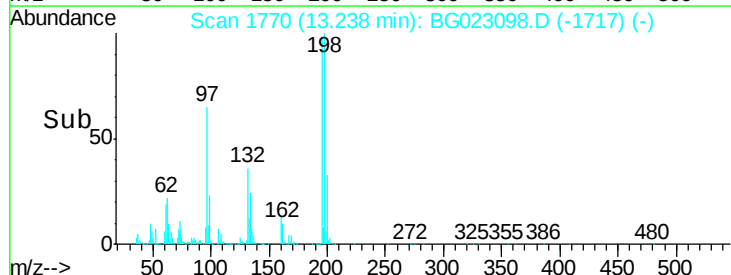
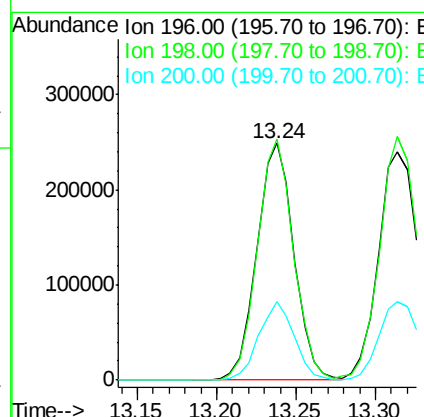
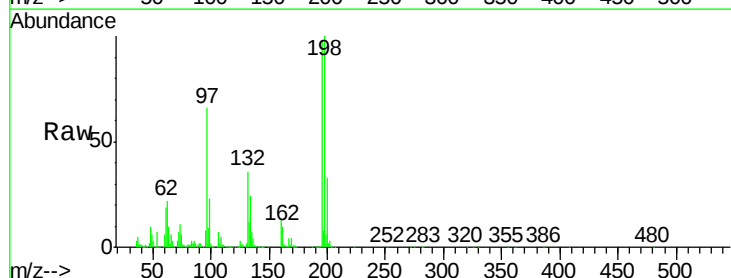
Manual Integrations

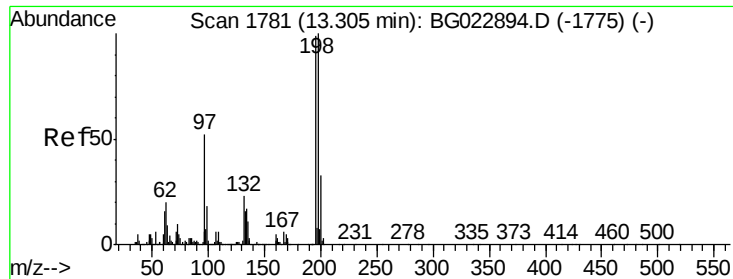
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#42
 2,4,6-Trichlorophenol
 Concen: 40.86 ng
 RT: 13.24 min Scan# 1770
 Delta R.T. 0.01 min
 Lab File: BG023098.D
 Acq: 14 Jul 2016 12:50

Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.9	78.2	117.2
200	33.2	27.0	40.4





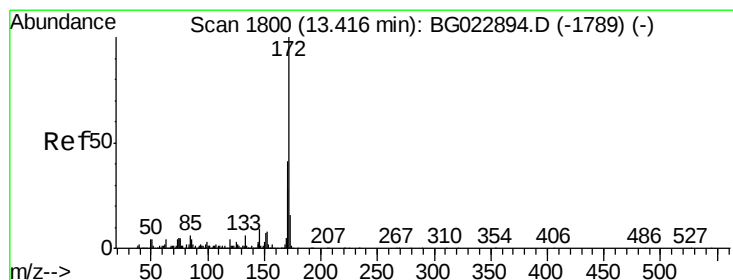
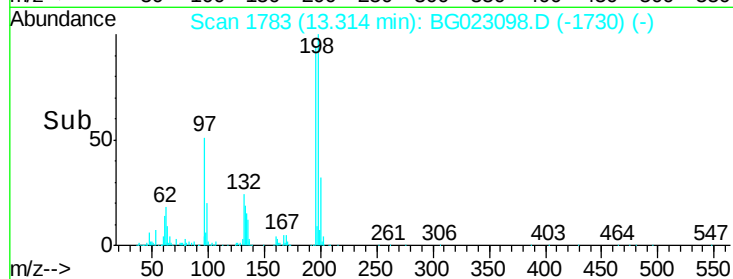
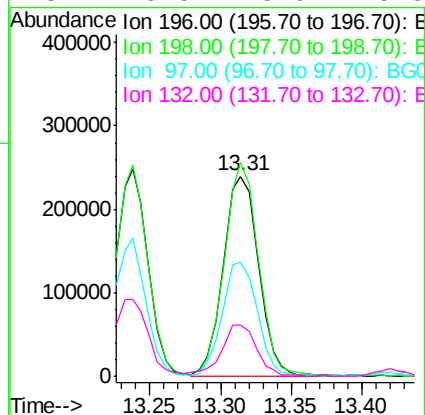
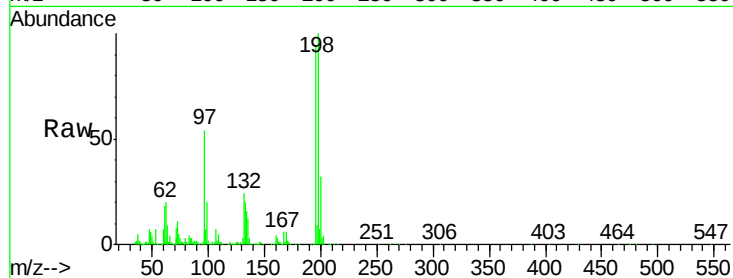
#43
 2,4,5-Trichlorophenol
 Concen: 41.17 ng
 RT: 13.31 min Scan# 1783
 Delta R.T. 0.01 min
 Lab File: BG023098.D
 Acq: 14 Jul 2016 12:50

Instrument :
 BNA_G
 ClientSampleId :
 B7-B2(5-12)CMS

Tot Ion	Ratio	Lower	Upper
196	100		
198	106.7	85.7	128.5
97	57.1	45.5	68.3
132	25.5	18.9	28.3

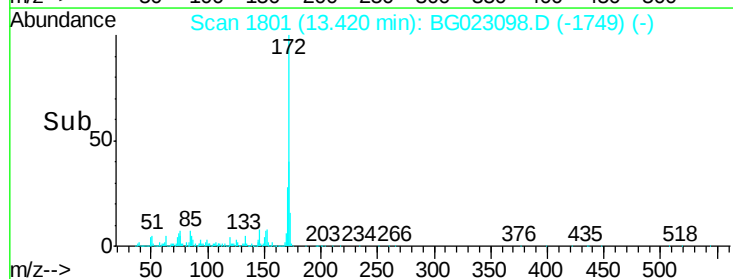
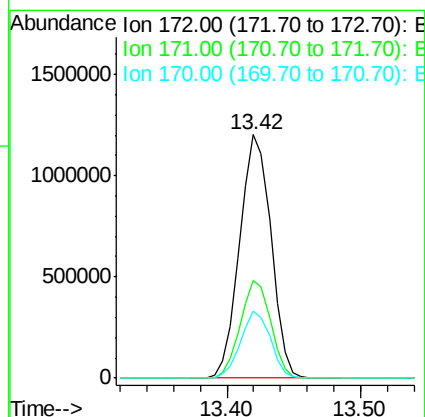
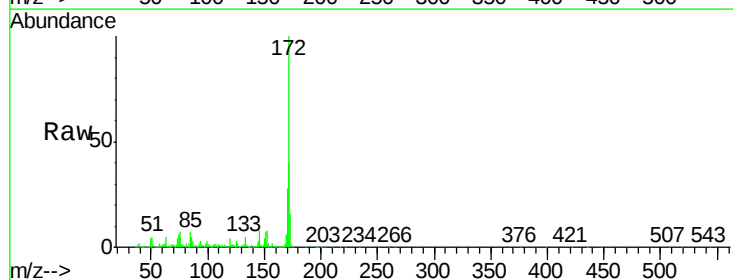
Manual Integrations

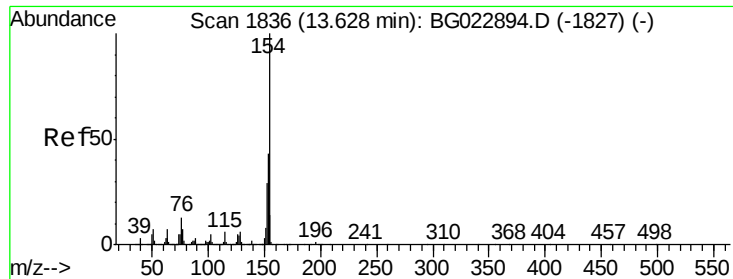
APPROVED
 Sohil
 7/15/2016 9:14:10 AM



#44
 2-Fluorobiphenyl
 Concen: 77.22 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: BG023098.D
 Acq: 14 Jul 2016 12:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.4	31.6	47.4
170	27.7	21.3	31.9





#45

1,1'-Biphenyl

Concen: 39.44 ng

RT: 13.63 min Scan# 1837

Delta R.T. 0.00 min

Lab File: BG023098.D

Acq: 14 Jul 2016 12:50

Instrument :

BNA_G

ClientSampleId :

B7-B2(5-12)CMS

Tot Ion:154 Resp: 1177769

Ion Ratio Lower Upper

154 100

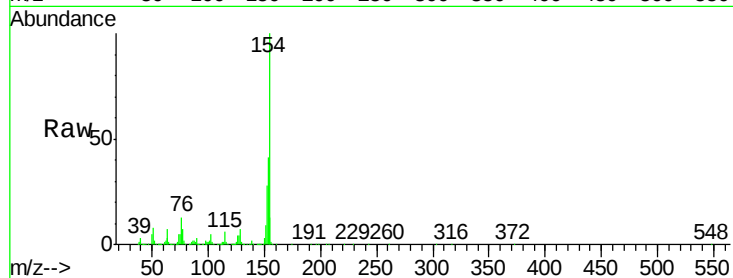
153 40.7 20.2 60.2

76 13.4 0.0 32.9

Manual Integrations

Sohil

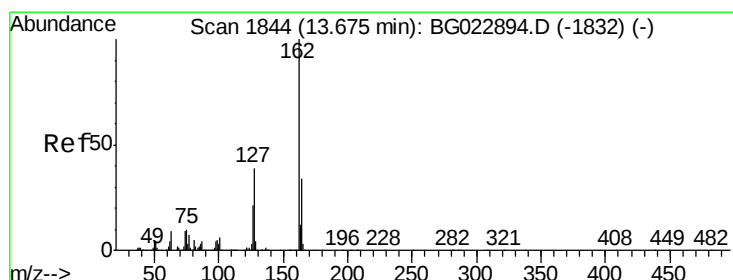
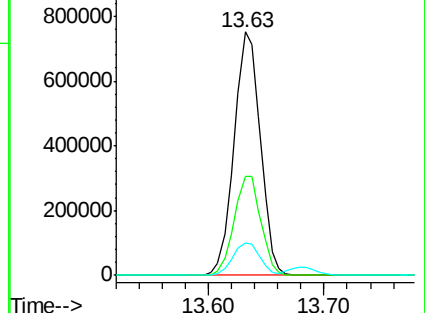
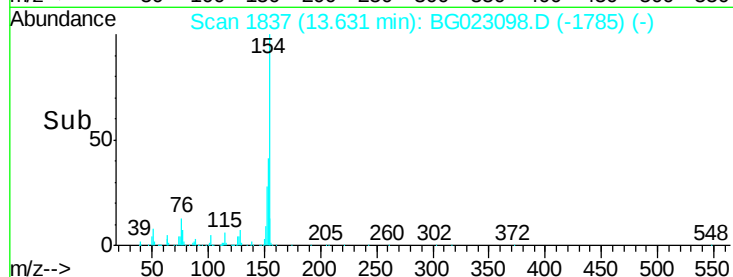
7/15/2016 9:14:10 AM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 40.84 ng

RT: 13.68 min Scan# 1845

Delta R.T. 0.00 min

Lab File: BG023098.D

Acq: 14 Jul 2016 12:50

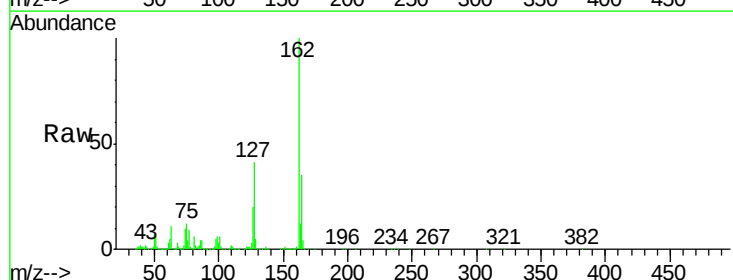
Tgt Ion:162 Resp: 989296

Ion Ratio Lower Upper

162 100

127 40.9 32.4 48.6

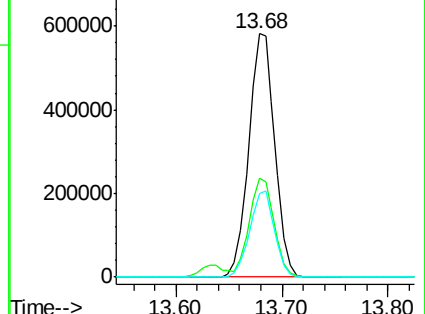
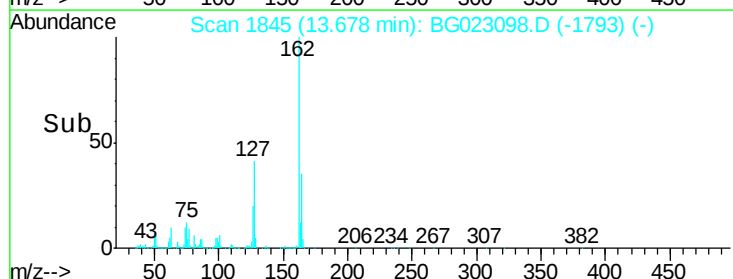
164 34.5 25.2 37.8

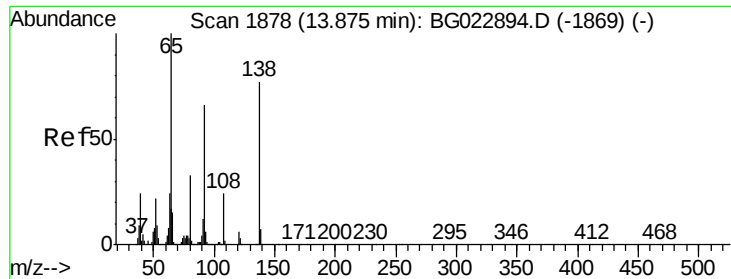


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





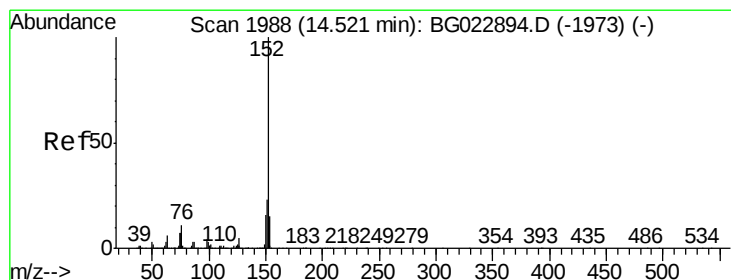
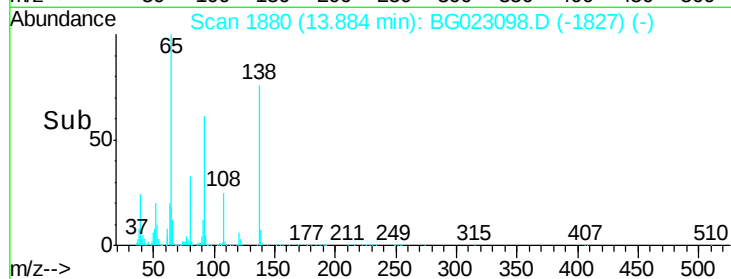
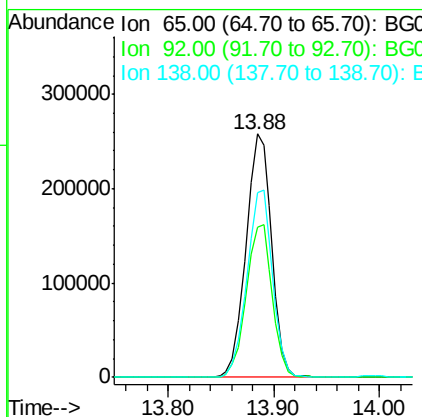
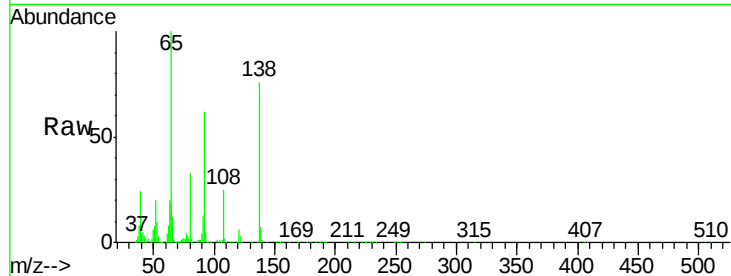
#47
2-Nitroaniline
Concen: 42.15 ng
RT: 13.88 min Scan# 1880
Delta R.T. 0.01 min
Lab File: BG023098.D
Acq: 14 Jul 2016 12:50

Instrument :
BNA_G
ClientSampleId :
B7-B2(5-12)CMS

Tot Ion	Ratio	Lower	Upper
65	100		
92	61.6	49.4	74.0
138	75.8	58.0	87.0

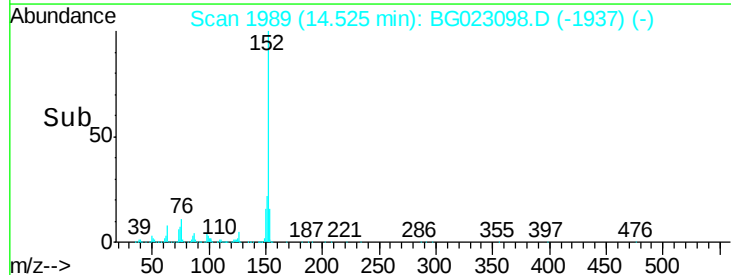
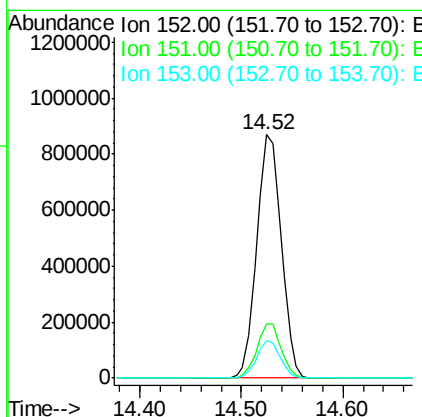
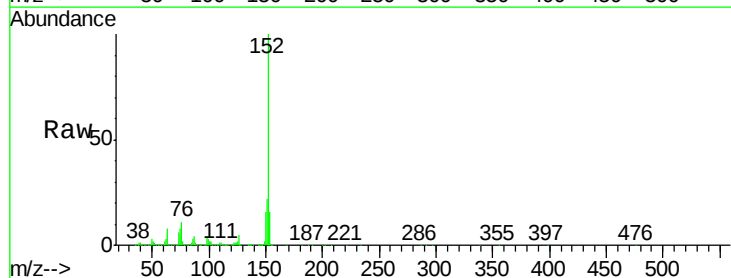
Manual Integrations

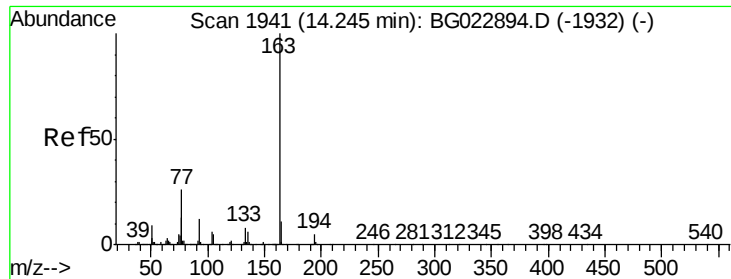
APPROVED
Sohil
7/15/2016 9:14:10 AM



#48
Acenaphthylene
Concen: 40.39 ng
RT: 14.52 min Scan# 1989
Delta R.T. 0.00 min
Lab File: BG023098.D
Acq: 14 Jul 2016 12:50

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.3	17.6	26.4
153	15.7	11.4	17.2





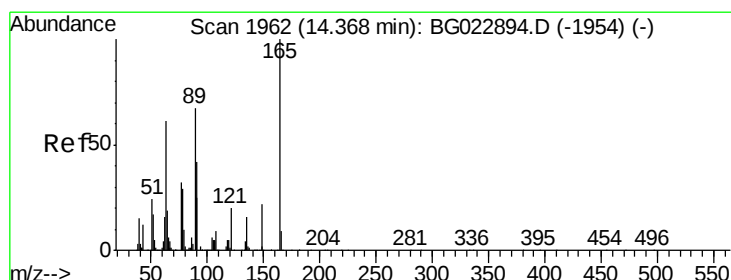
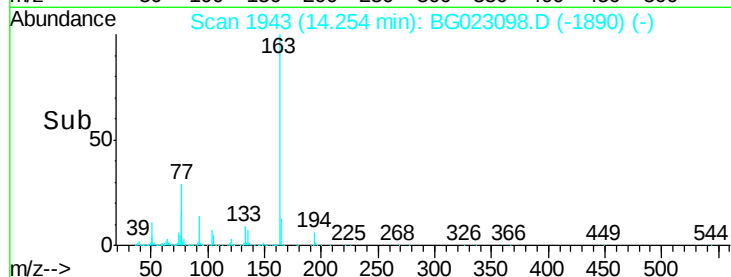
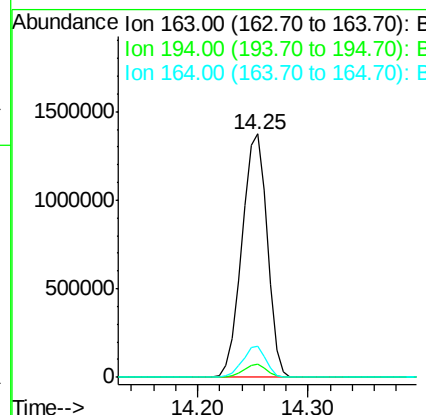
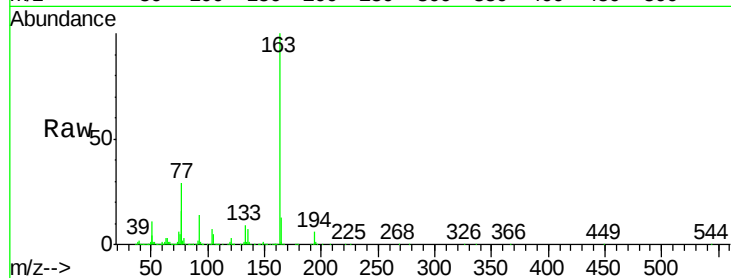
#49
Dimethylphthalate
Concen: 68.04 ng
RT: 14.25 min Scan# 1943
Delta R.T. 0.01 min
Lab File: BG023098.D
Acq: 14 Jul 2016 12:50

Instrument :
BNA_G
ClientSampleId :
B7-B2(5-12)CMS

Tot Ion:163 Resp: 2212307
Ion Ratio Lower Upper
163 100
194 5.5 3.6 5.4#
164 12.5 8.1 12.1#

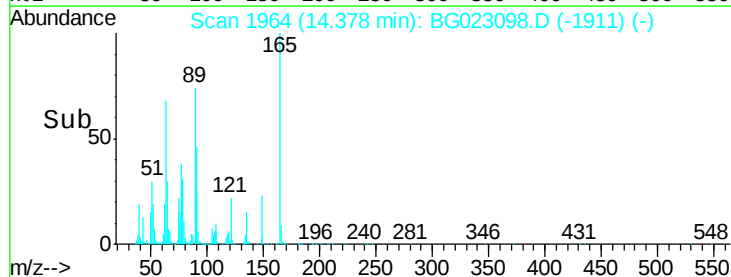
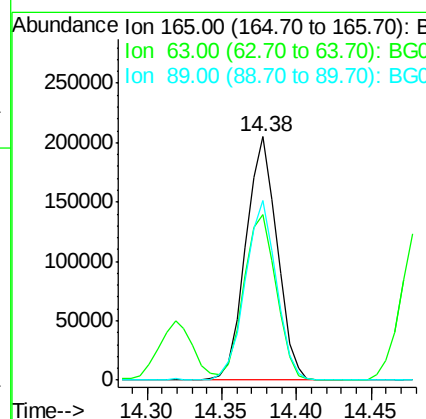
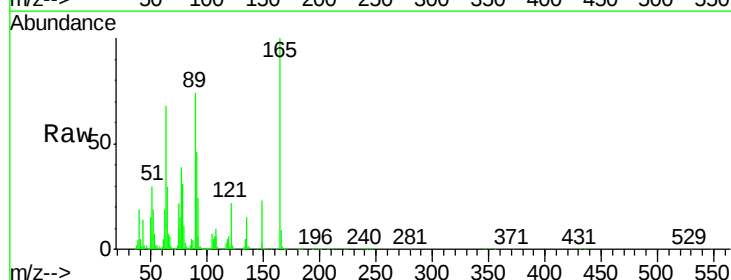
Manual Integrations

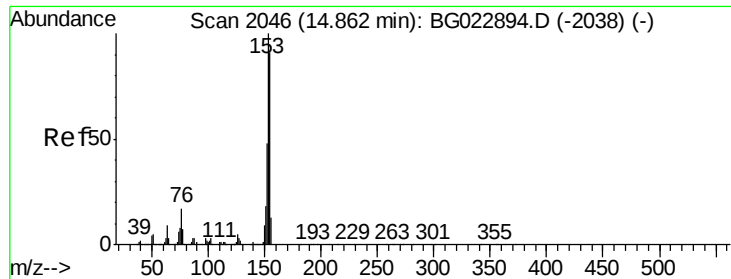
APPROVED
Sohil
7/15/2016 9:14:10 AM



#50
2,6-Dinitrotoluene
Concen: 40.79 ng
RT: 14.38 min Scan# 1964
Delta R.T. 0.01 min
Lab File: BG023098.D
Acq: 14 Jul 2016 12:50

Tgt Ion:165 Resp: 298074
Ion Ratio Lower Upper
165 100
63 68.1 64.3 96.5
89 73.6 64.3 96.5





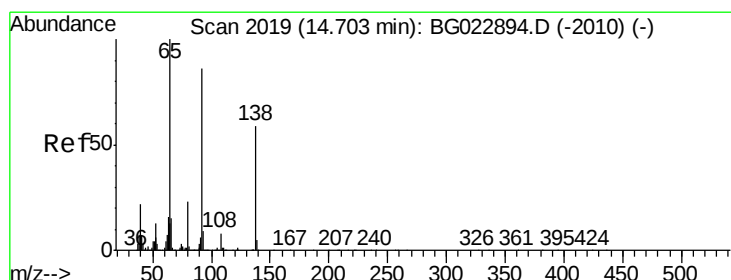
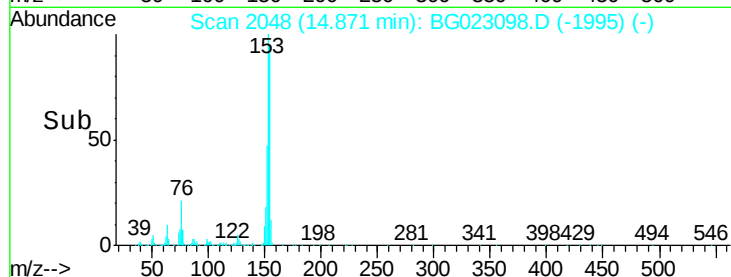
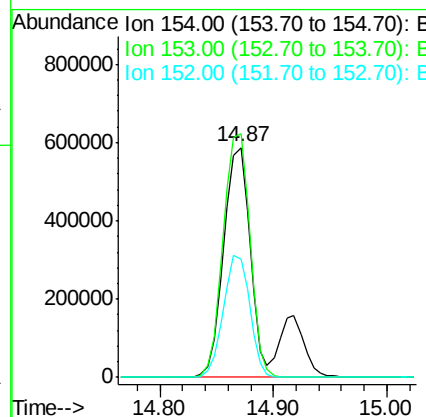
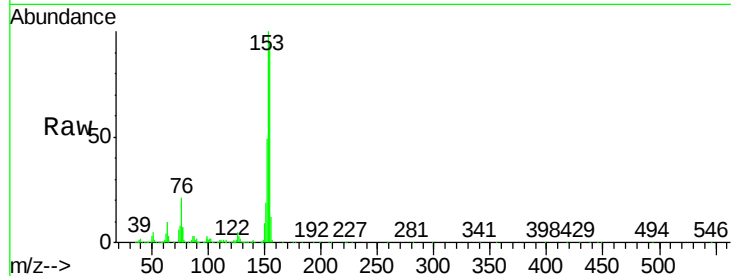
#51
Acenaphthene
Concen: 50.33 ng/ml
RT: 14.87 min Scan# 2048
Delta R.T. 0.01 min
Lab File: BG023098.D
Acq: 14 Jul 2016 12:50

Instrument :
BNA_G
ClientSampleId :
B7-B2(5-12)CMS

Tot Ion:154 Resp: 1195310
Ion Ratio Lower Upper
154 100
153 105.8 87.5 131.3
152 51.3 42.7 64.1

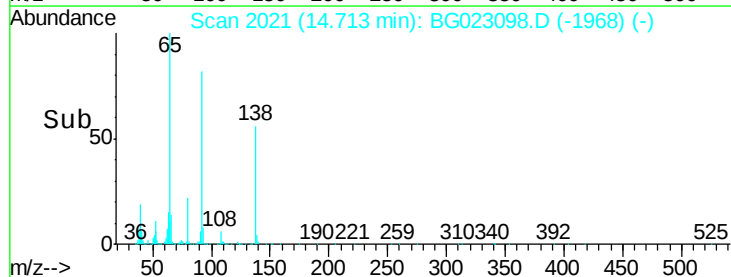
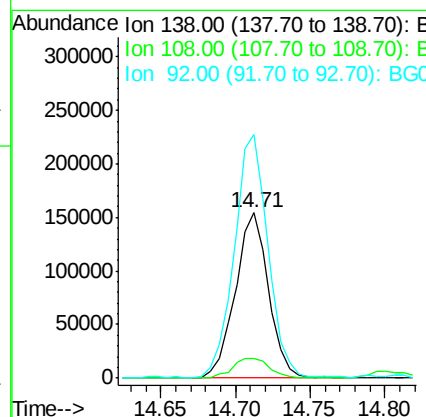
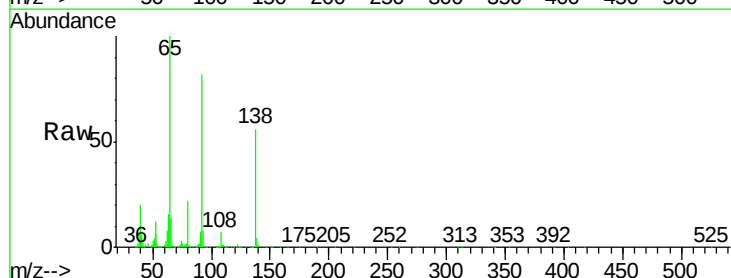
Manual Integrations

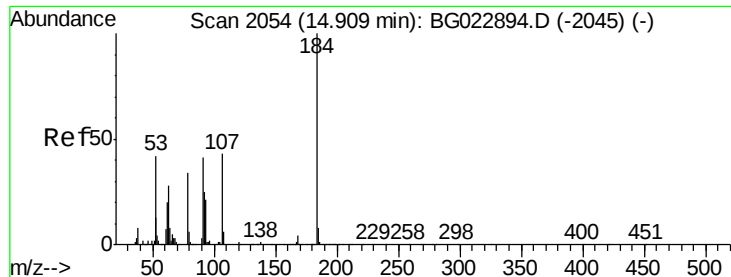
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Sohil
7/15/2016 9:14:10 AM



#52
3-Nitroaniline
Concen: 32.95 ng
RT: 14.71 min Scan# 2021
Delta R.T. 0.01 min
Lab File: BG023098.D
Acq: 14 Jul 2016 12:50

Tgt Ion:138 Resp: 240085
Ion Ratio Lower Upper
138 100
108 12.2 11.7 17.5
92 147.5 129.7 194.5





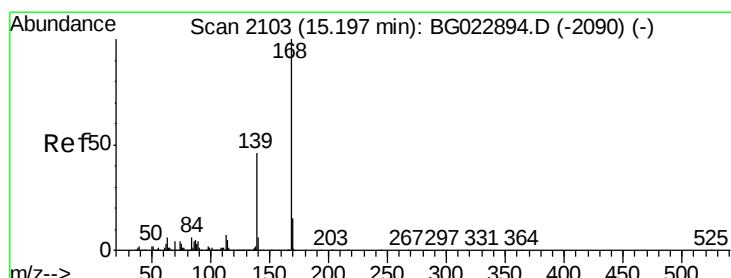
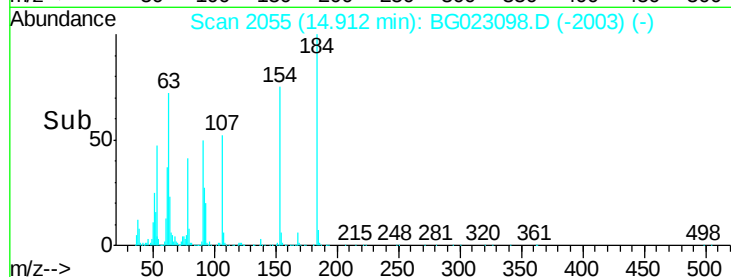
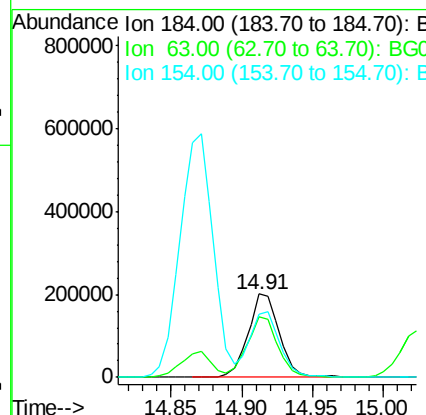
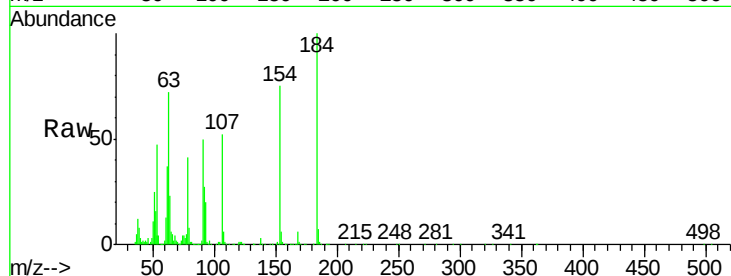
#53
2,4-Dinitrophenol
Concen: 62.71 ng
RT: 14.91 min Scan# 2055
Delta R.T. 0.00 min
Lab File: BG023098.D
Acq: 14 Jul 2016 12:50

Instrument :
BNA_G
ClientSampleId :
B7-B2(5-12)CMS

Tot Ion	Ratio	Lower	Upper
184	100		
63	72.3	59.6	89.4
154	75.3	67.4	101.0

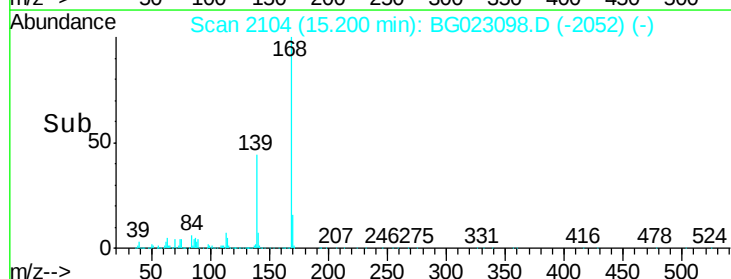
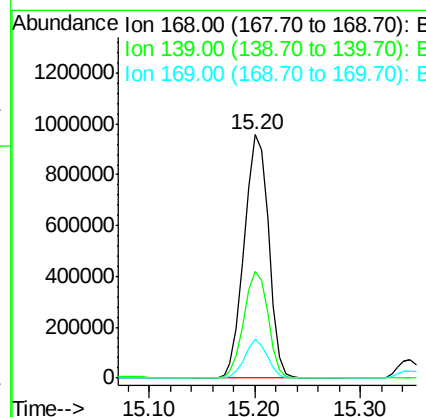
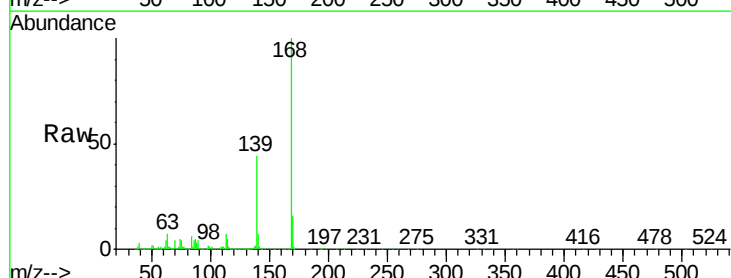
Manual Integrations

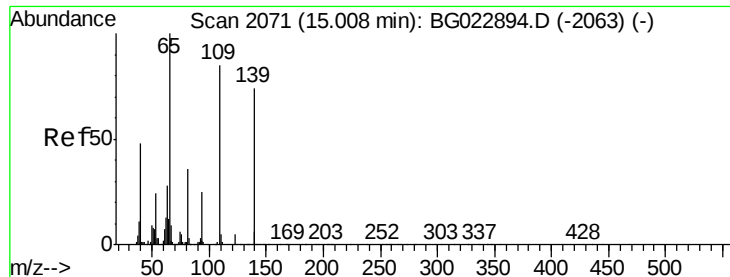
APPROVED
Sohil
7/15/2016 9:14:10 AM



#54
Dibenzofuran
Concen: 43.02 ng
RT: 15.20 min Scan# 2104
Delta R.T. 0.00 min
Lab File: BG023098.D
Acq: 14 Jul 2016 12:50

Tgt Ion	Ratio	Lower	Upper
168	100		
139	43.6	36.4	54.6
169	15.9	11.9	17.9





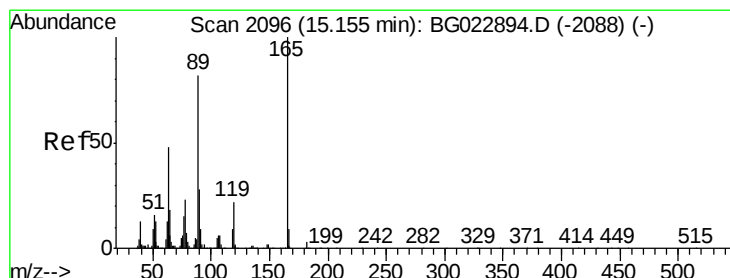
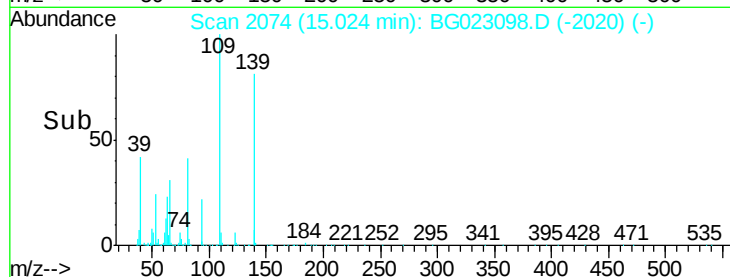
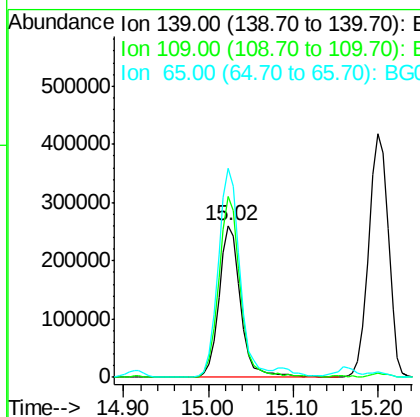
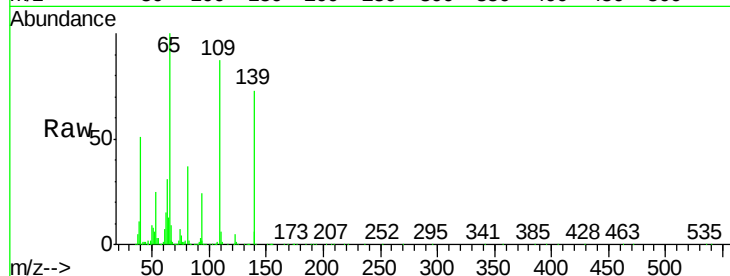
#55
4-Nitrophenol
Concen: 75.88 ng
RT: 15.02 min Scan# 2074
Delta R.T. 0.02 min
Lab File: BG023098.D
Acq: 14 Jul 2016 12:50

Instrument :
BNA_G
ClientSampleId :
B7-B2(5-12)CMS

Tot Ion	Ratio	Lower	Upper
139	100		
109	119.4	103.0	143.0
65	137.6	112.7	152.7

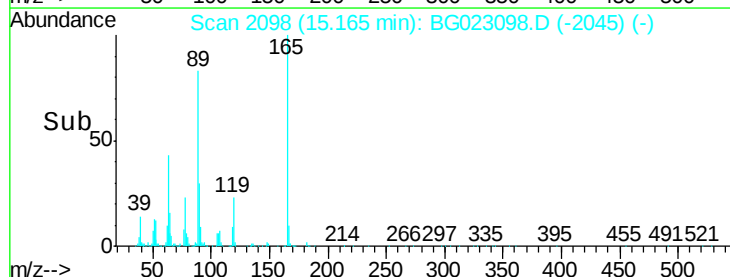
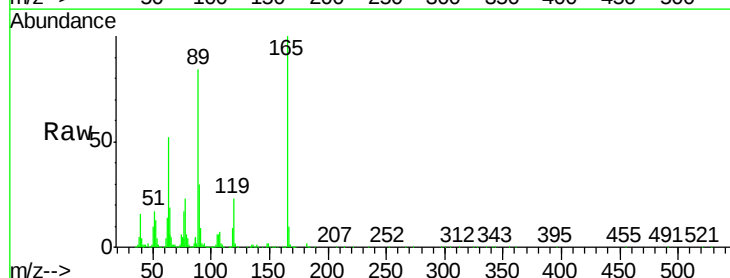
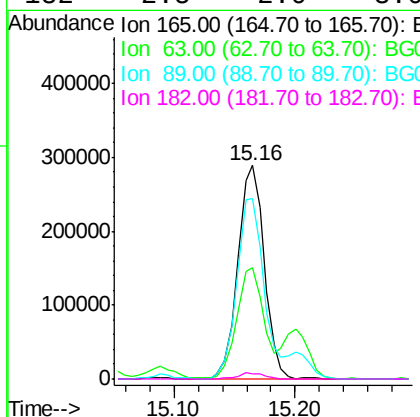
Manual Integrations

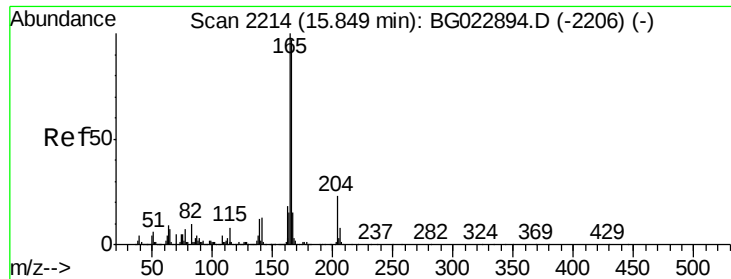
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Sohil
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#56
2,4-Dinitrotoluene
Concen: 41.45 ng
RT: 15.16 min Scan# 2098
Delta R.T. 0.01 min
Lab File: BG023098.D
Acq: 14 Jul 2016 12:50

Tgt Ion	Ratio	Lower	Upper
165	100		
63	52.0	45.8	68.6
89	84.4	68.6	102.8
182	2.5	2.0	3.0





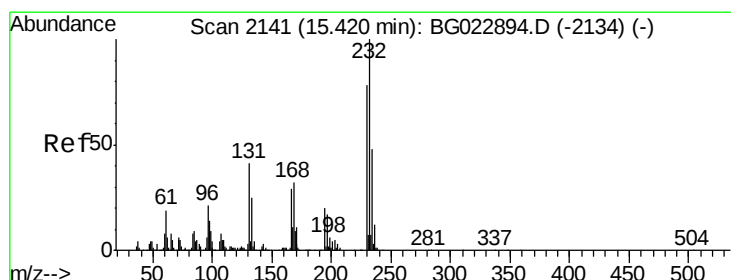
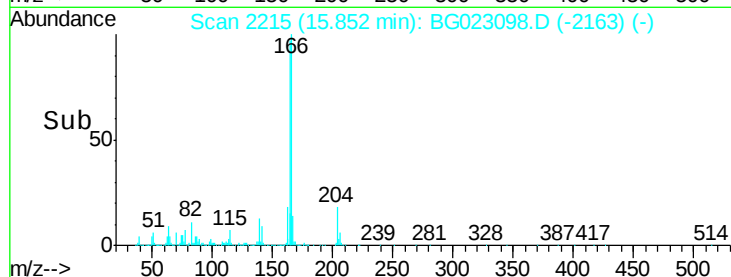
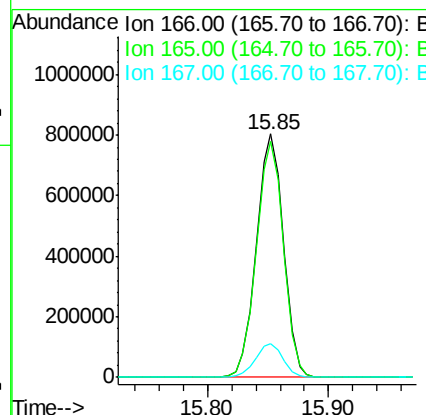
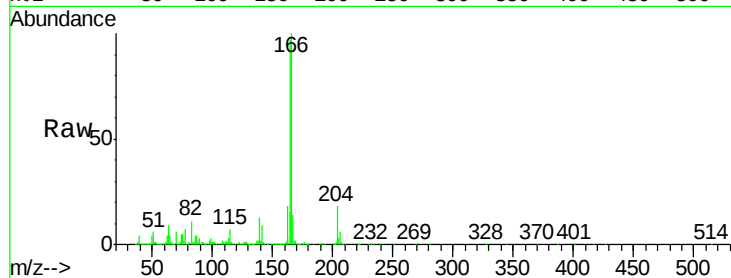
#57
Fluorene
 Concen: 40.82 ng
 RT: 15.85 min Scan# 2215
 Delta R.T. 0.00 min
 Lab File: BG023098.D
 Acq: 14 Jul 2016 12:50

Instrument :
 BNA_G
 ClientSampleId :
 B7-B2(5-12)CMS

Tot Ion	Ratio	Lower	Upper
166	100		
165	96.7	81.0	121.6
167	14.1	12.0	18.0

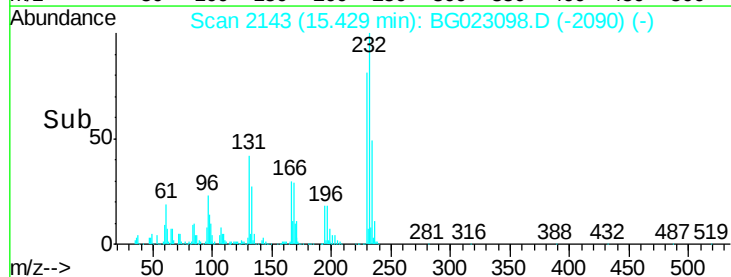
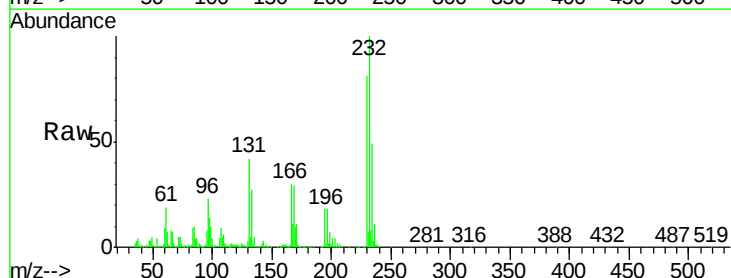
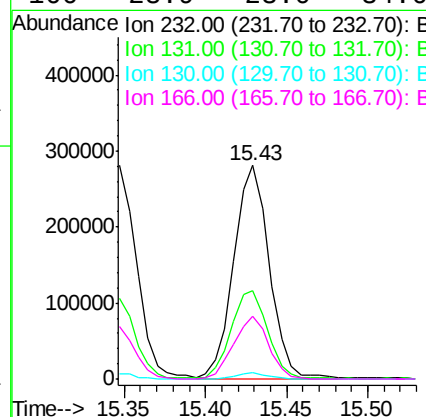
Manual Integrations

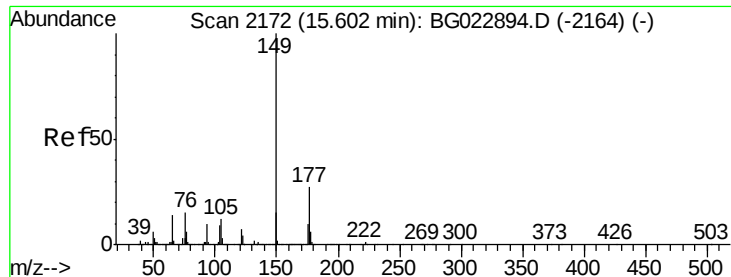
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 Sohil
 7/15/2016 9:14:10 AM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 42.24 ng m
 RT: 15.43 min Scan# 2143
 Delta R.T. 0.01 min
 Lab File: BG023098.D
 Acq: 14 Jul 2016 12:50

Tgt Ion	Ratio	Lower	Upper
232	100		
131	43.0	32.7	49.1
130	2.6	2.6	3.8
166	28.9	23.0	34.6





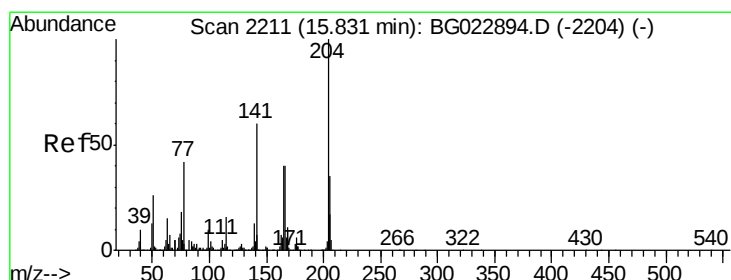
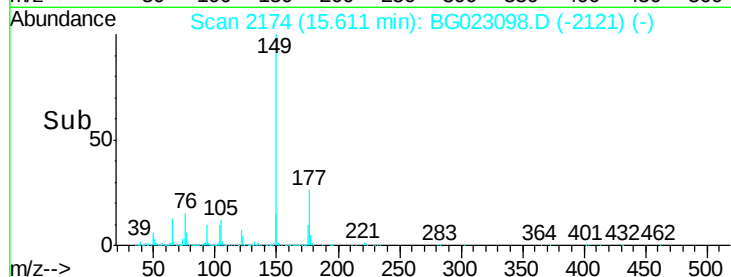
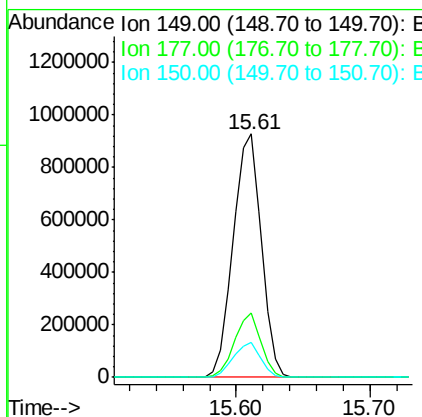
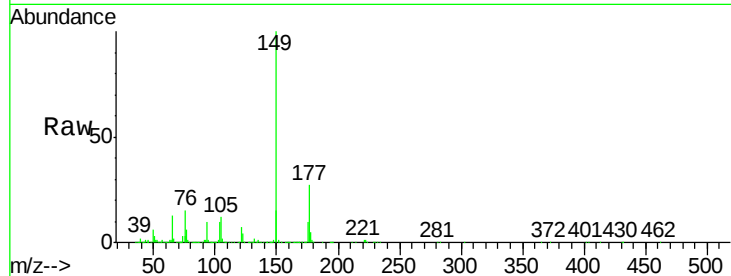
#59
Diethylphthalate
Concen: 41.14 ng
RT: 15.61 min Scan# 2174
Delta R.T. 0.01 min
Lab File: BG023098.D
Acq: 14 Jul 2016 12:50

Instrument :
BNA_G
ClientSampleId :
B7-B2(5-12)CMS

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

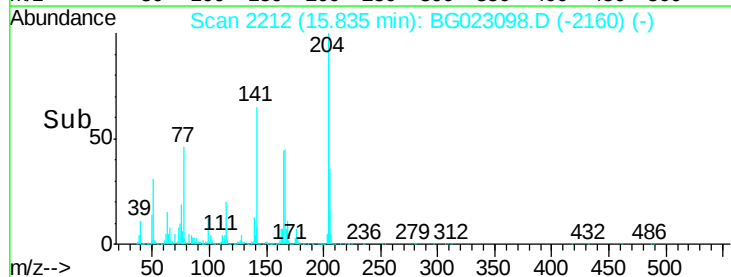
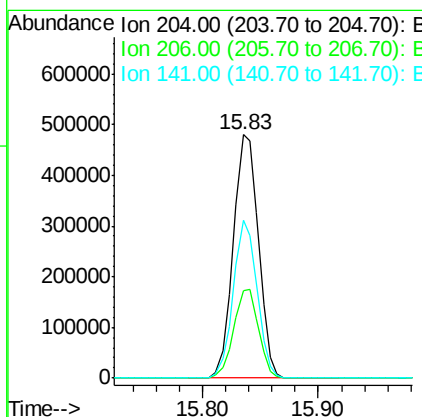
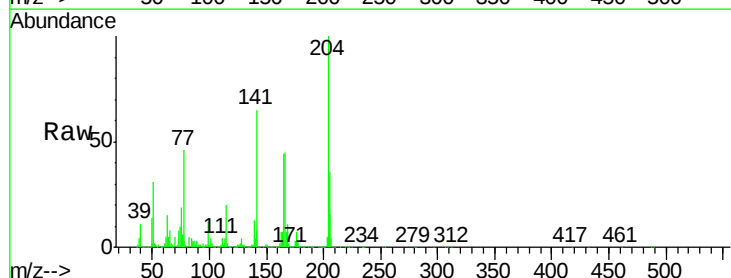
Manual Integrations

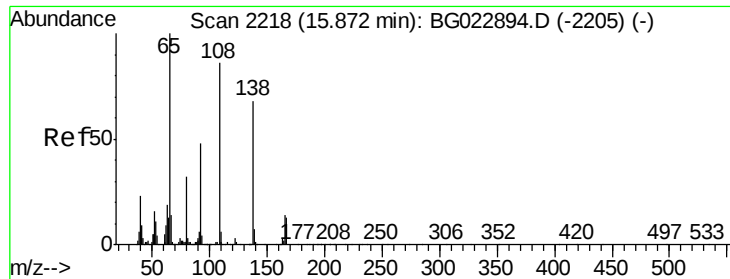
APPROVED
Sohil
7/15/2016 9:14:10 AM



#60
4-Chlorophenyl-phenylether
Concen: 38.68 ng
RT: 15.83 min Scan# 2212
Delta R.T. 0.00 min
Lab File: BG023098.D
Acq: 14 Jul 2016 12:50

Tgt Ion	Ratio	Lower	Upper
204	100		
206	35.7	28.5	42.7
141	65.0	51.4	77.0





#61

4-Nitroaniline

Concen: 37.38 ng

RT: 15.88 min Scan# 2220

Delta R.T. 0.01 min

Lab File: BG023098.D

Acq: 14 Jul 2016 12:50

Instrument :

BNA_G

ClientSampleId :

B7-B2(5-12)CMS

Tot Ion:138 Resp: 294738

Ion Ratio Lower Upper

138 100

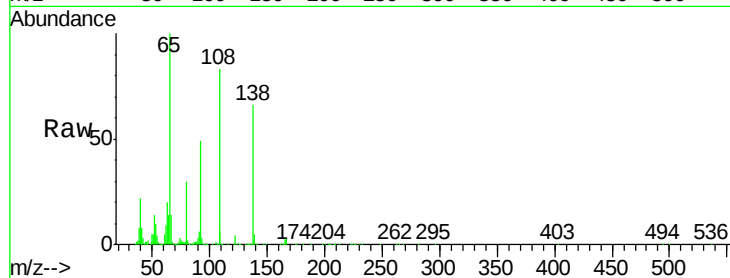
92 74.3 54.1 94.1

108 126.1 133.9 173.9#

Manual Integrations

Sohil

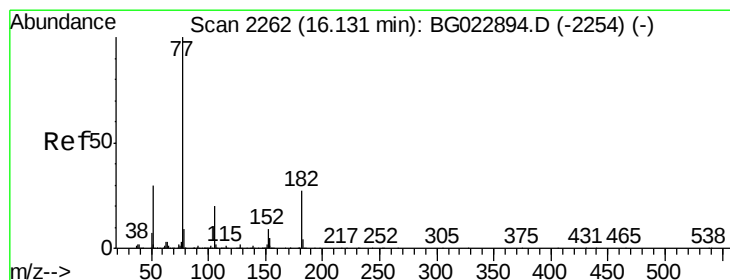
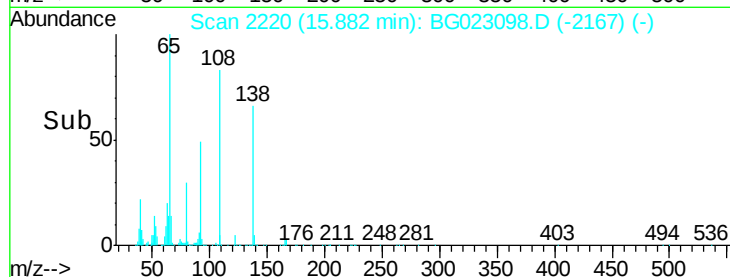
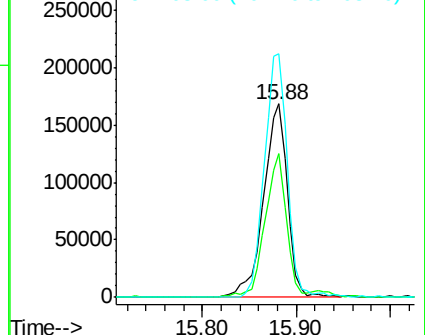
7/15/2016 9:14:10 AM



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 47.00 ng

RT: 16.13 min Scan# 2263

Delta R.T. 0.00 min

Lab File: BG023098.D

Acq: 14 Jul 2016 12:50

Tgt Ion: 77 Resp: 1487180

Ion Ratio Lower Upper

77 100

182 24.8 3.5 43.5

105 20.1 0.0 38.5

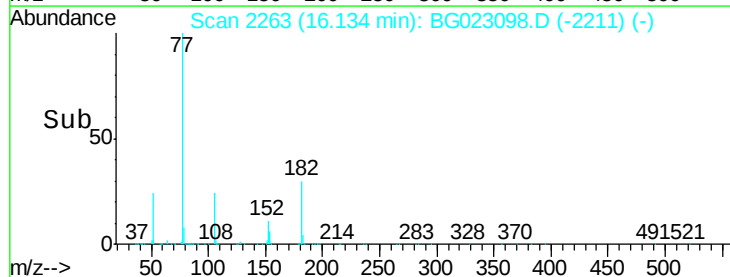
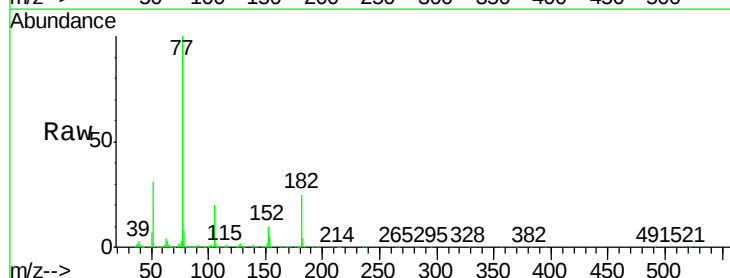
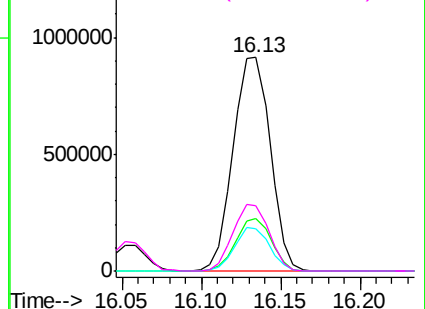
51 30.9 17.1 57.1

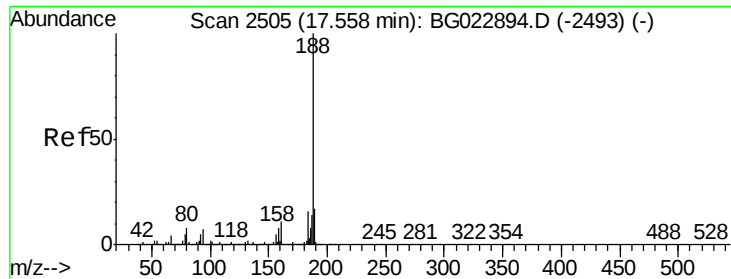
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





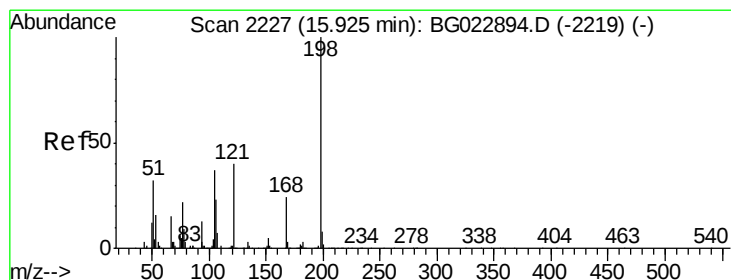
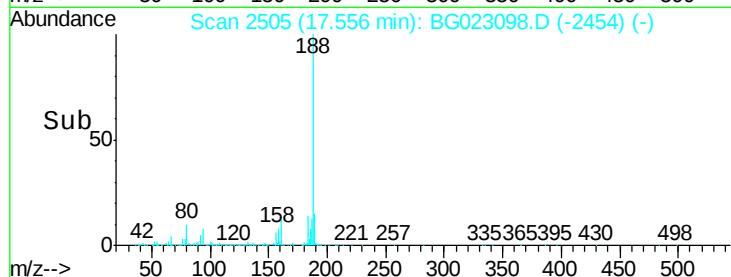
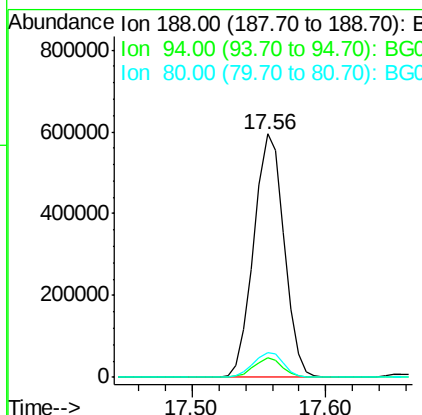
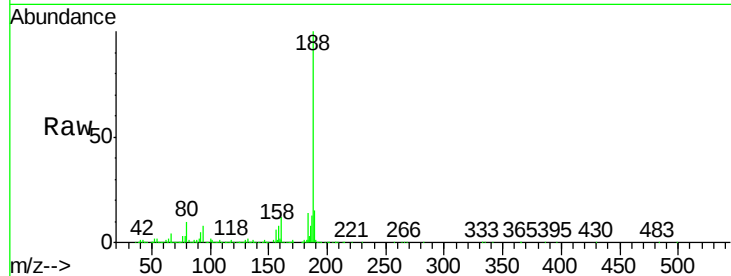
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. -0.00 min
Lab File: BG023098.D
Acq: 14 Jul 2016 12:50

Instrument :
BNA_G
ClientSampleId :
B7-B2(5-12)CMS

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.0	5.2	7.8#
80	10.1	7.2	10.8

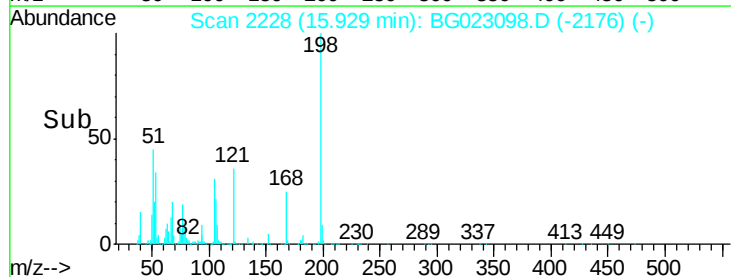
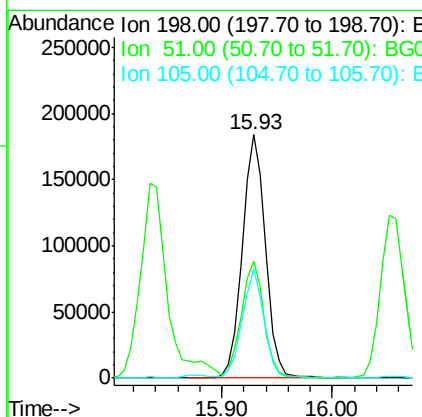
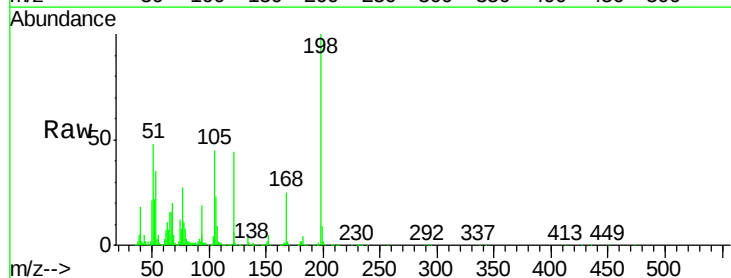
Manual Integrations

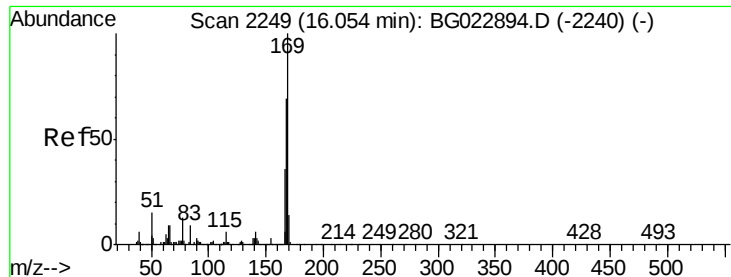
APPROVED
Sohil
7/15/2016 9:14:10 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 39.29 ng
RT: 15.93 min Scan# 2228
Delta R.T. 0.00 min
Lab File: BG023098.D
Acq: 14 Jul 2016 12:50

Tgt Ion	Ratio	Lower	Upper
198	100		
51	48.2	26.0	66.0
105	44.7	20.1	60.1





#65

n-Nitrosodiphenylamine

Concen: 43.40 ng

RT: 16.06 min Scan# 2250

Delta R.T. 0.00 min

Lab File: BG023098.D

Acq: 14 Jul 2016 12:50

Instrument :

BNA_G

ClientSampleId :

B7-B2(5-12)CMS

Tot Ion:169 Resp: 1159305

Ion Ratio Lower Upper

169 100

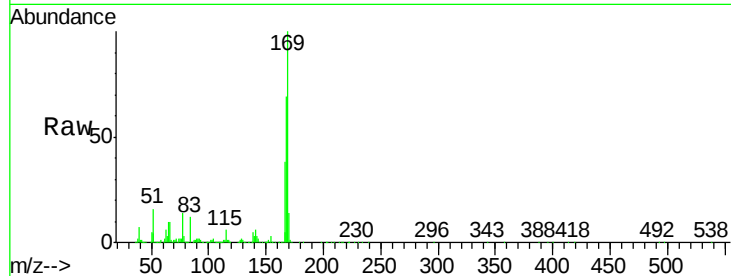
168 69.4 55.0 82.4

167 37.7 27.4 41.0

Manual Integrations

Sohil

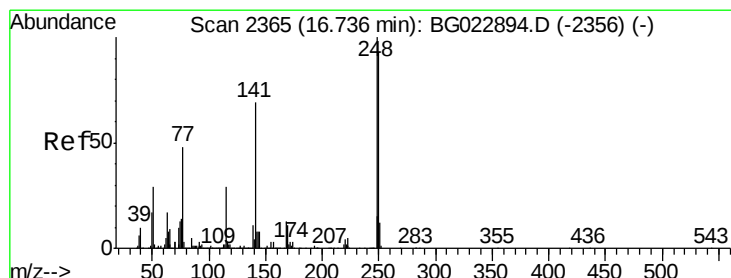
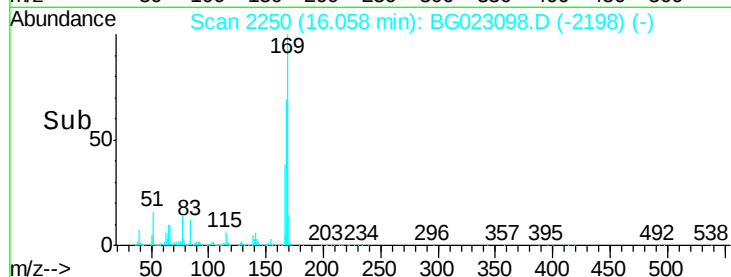
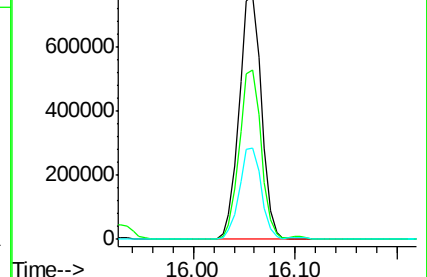
7/15/2016 9:14:10 AM



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.75 ng

RT: 16.73 min Scan# 2365

Delta R.T. -0.00 min

Lab File: BG023098.D

Acq: 14 Jul 2016 12:50

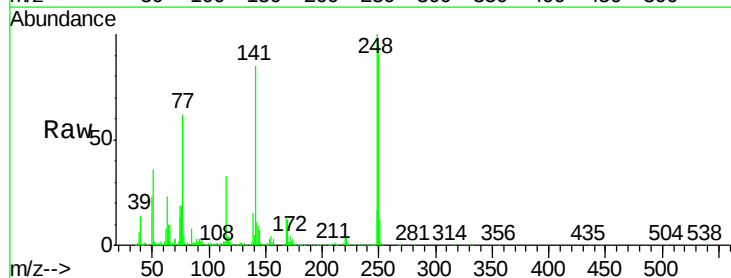
Tgt Ion:248 Resp: 479437

Ion Ratio Lower Upper

248 100

250 94.9 77.8 116.8

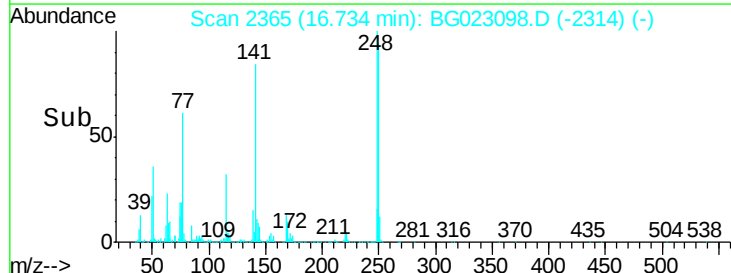
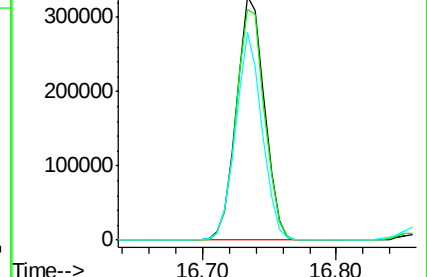
141 85.1 65.7 98.5

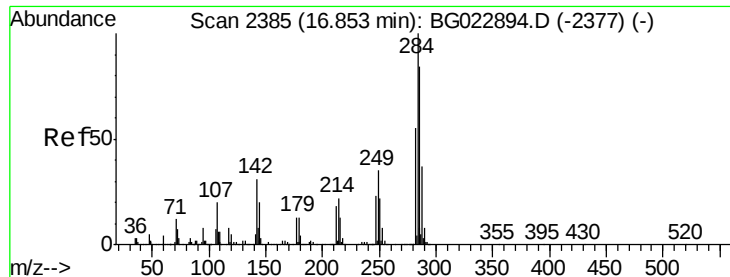


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





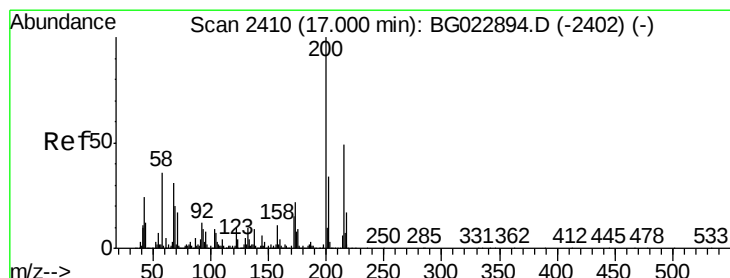
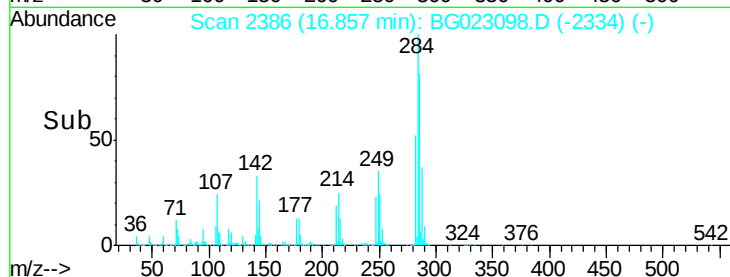
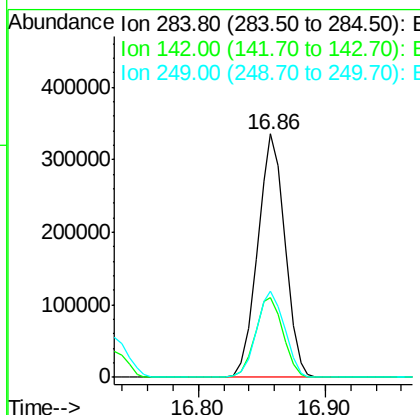
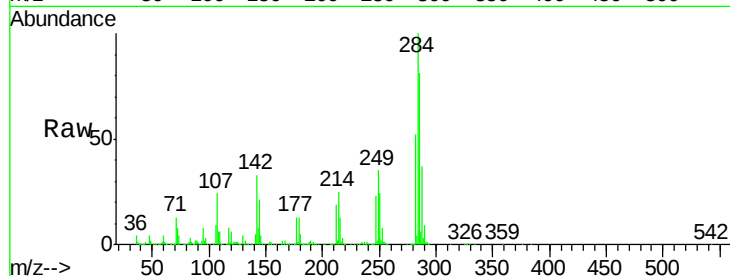
#67
Hexachlorobenzene
Concen: 38.29 ng
RT: 16.86 min Scan# 2386
Delta R.T. 0.00 min
Lab File: BG023098.D
Acq: 14 Jul 2016 12:50

Instrument :
BNA_G
ClientSampleId :
B7-B2(5-12)CMS

Tot Ion	Ratio	Lower	Upper
284	100		
142	32.7	26.8	40.2
249	35.4	28.9	43.3

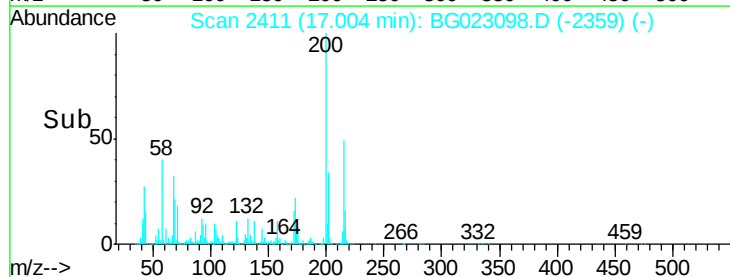
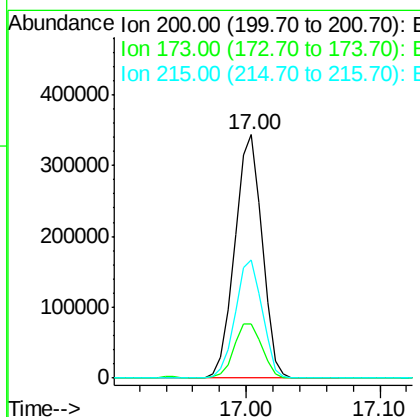
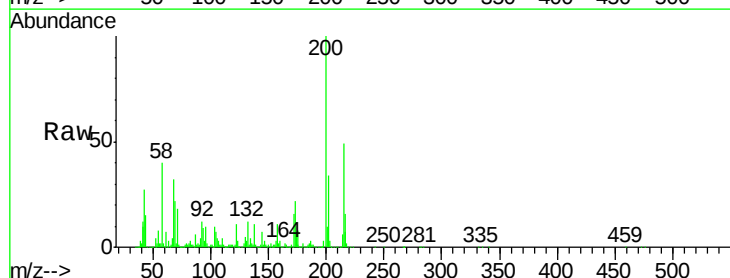
Manual Integrations

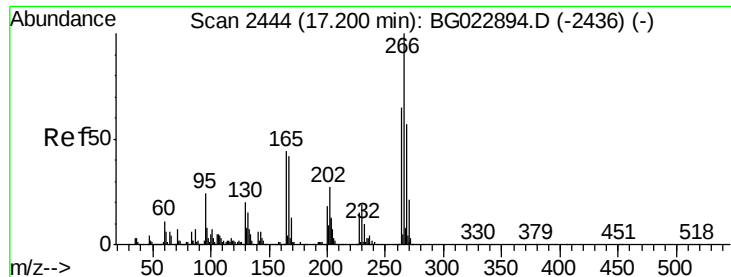
APPROVED
Sohil
7/15/2016 9:14:10 AM



#68
Atrazine
Concen: 41.15 ng
RT: 17.00 min Scan# 2411
Delta R.T. 0.00 min
Lab File: BG023098.D
Acq: 14 Jul 2016 12:50

Tgt Ion	Ratio	Lower	Upper
200	100		
173	22.4	1.6	41.6
215	48.6	28.7	68.7





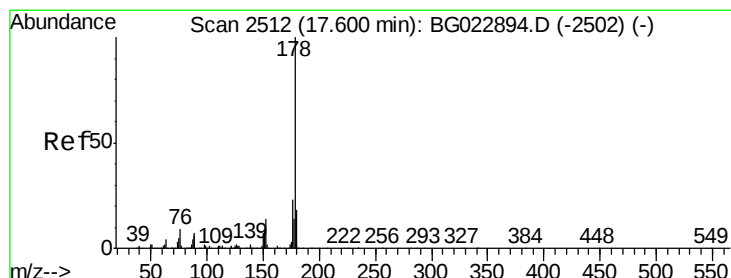
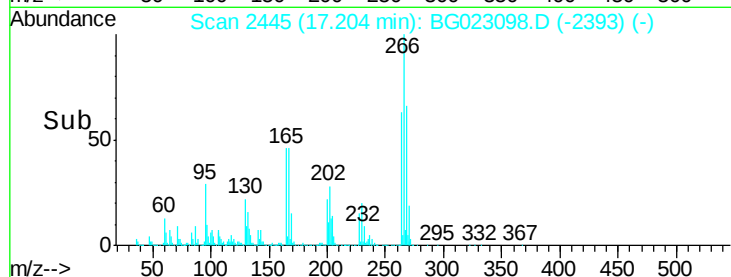
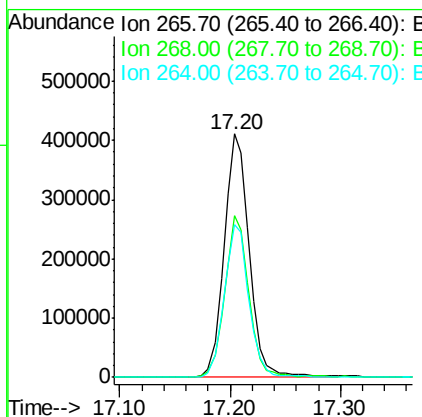
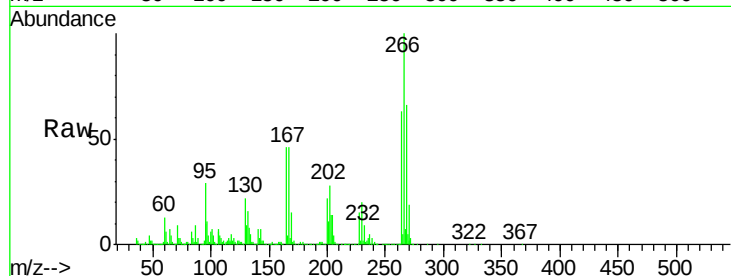
#69
 Pentachlorophenol
 Concen: 76.51 ng
 RT: 17.20 min Scan# 2445
 Delta R.T. 0.00 min
 Lab File: BG023098.D
 Acq: 14 Jul 2016 12:50

Instrument :
 BNA_G
 ClientSampleId :
 B7-B2(5-12)CMS

Tot Ion	Ratio	Lower	Upper
266	100		
268	66.5	51.9	77.9
264	62.7	50.6	75.8

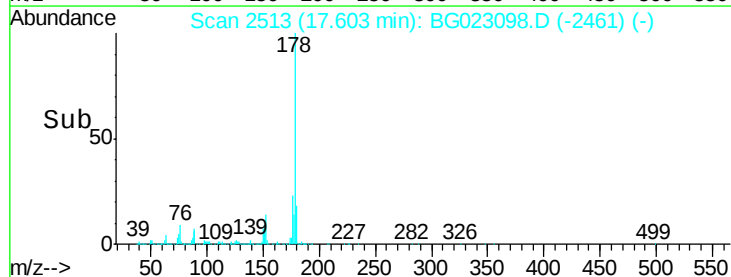
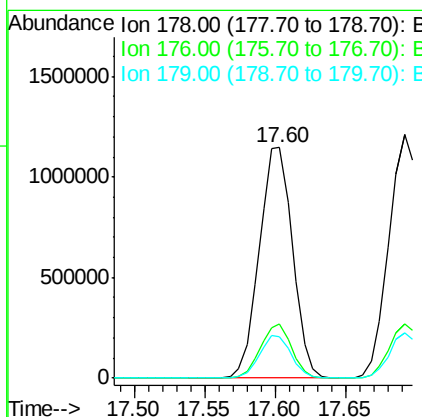
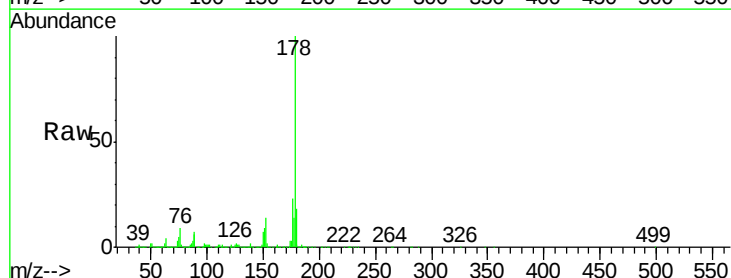
Manual Integrations

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 Sohil
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#70
 Phenanthrene
 Concen: 41.88 ng
 RT: 17.60 min Scan# 2513
 Delta R.T. 0.00 min
 Lab File: BG023098.D
 Acq: 14 Jul 2016 12:50

Tgt Ion	Ratio	Lower	Upper
178	100		
176	23.3	16.8	25.2
179	18.0	14.3	21.5





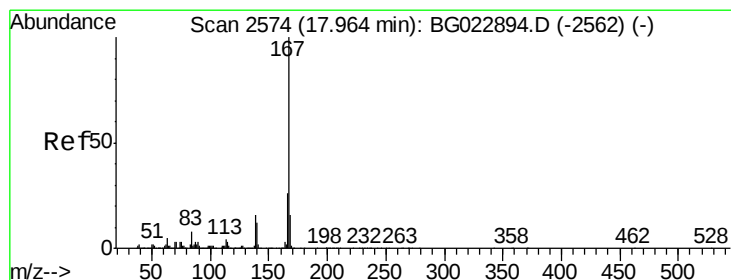
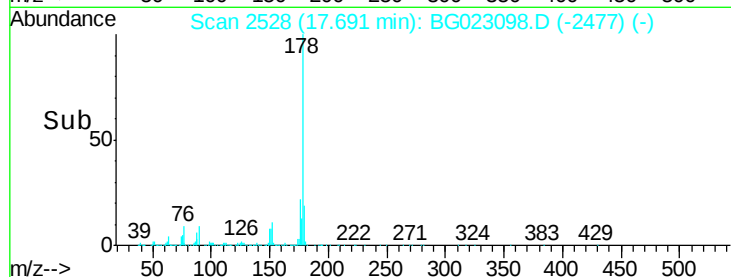
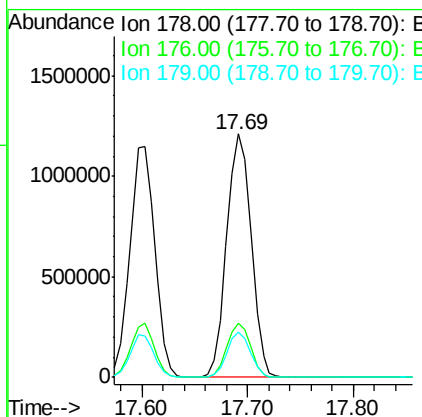
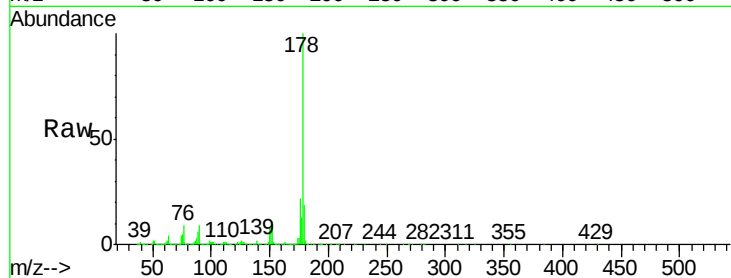
#71
 Anthracene
 Concen: 42.15 ng
 RT: 17.69 min Scan# 2528
 Delta R.T. -0.00 min
 Lab File: BG023098.D
 Acq: 14 Jul 2016 12:50

Instrument :
 BNA_G
 ClientSampleId :
 B7-B2(5-12)CMS

Tot Ion:178 Resp: 1939339
 Ion Ratio Lower Upper
 178 100
 176 22.1 17.3 25.9
 179 18.6 14.0 21.0

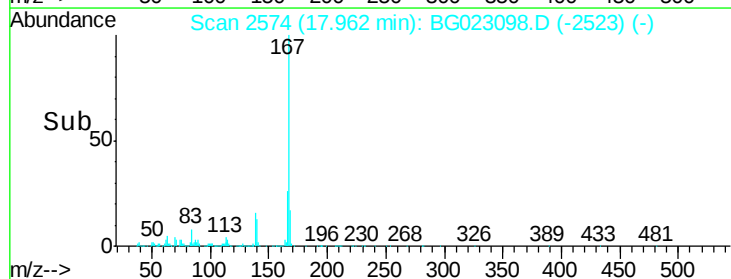
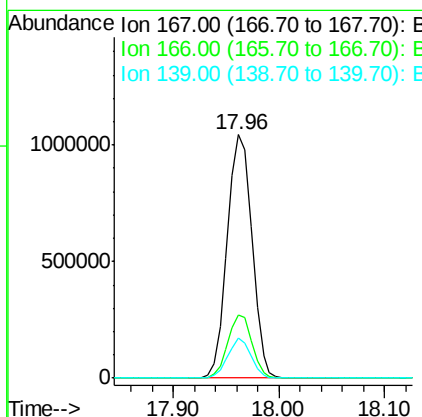
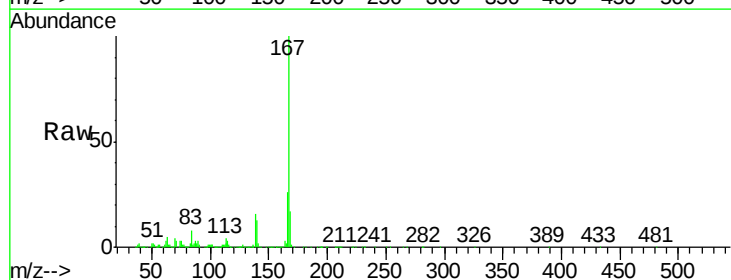
Manual Integrations

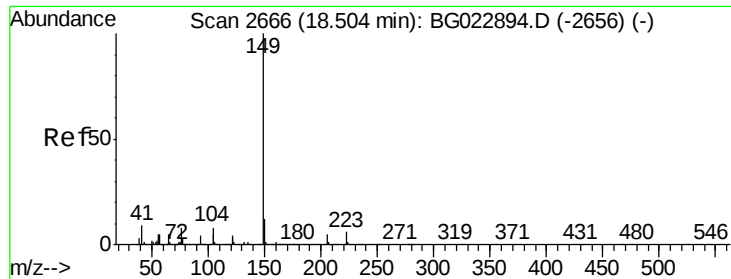
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#72
 Carbazole
 Concen: 42.56 ng
 RT: 17.96 min Scan# 2574
 Delta R.T. -0.00 min
 Lab File: BG023098.D
 Acq: 14 Jul 2016 12:50

Tgt Ion:167 Resp: 1692085
 Ion Ratio Lower Upper
 167 100
 166 26.2 20.7 31.1
 139 16.3 11.9 17.9





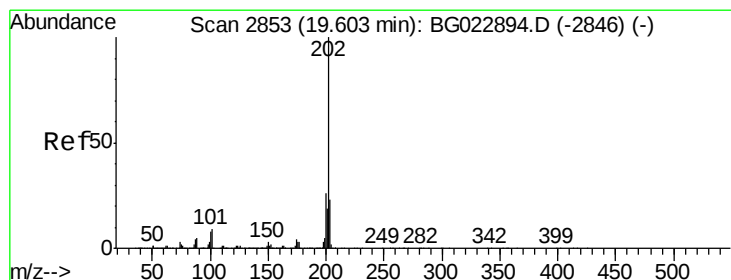
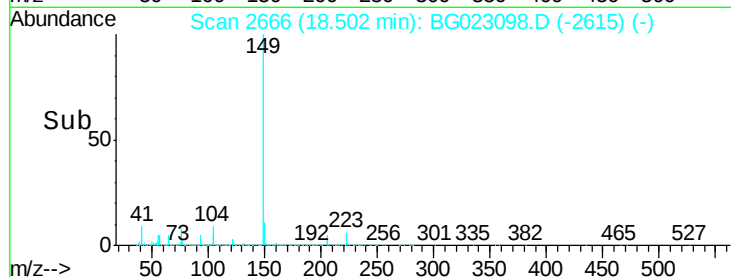
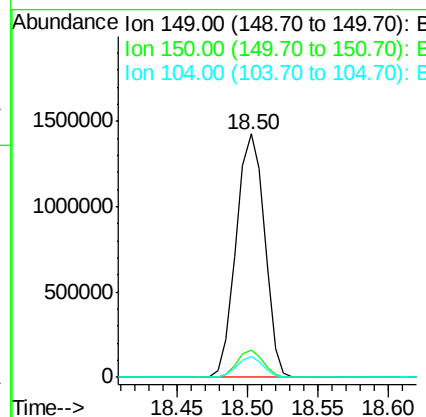
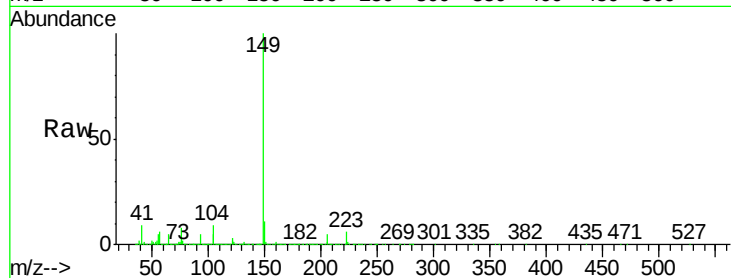
#73
Di-n-butylphthalate
Concen: 45.43 ng
RT: 18.50 min Scan# 2666
Delta R.T. -0.00 min
Lab File: BG023098.D
Acq: 14 Jul 2016 12:50

Instrument :
BNA_G
ClientSampleId :
B7-B2(5-12)CMS

Tot Ion:149 Resp: 2008370
Ion Ratio Lower Upper
149 100
150 11.4 9.1 13.7
104 8.6 6.9 10.3

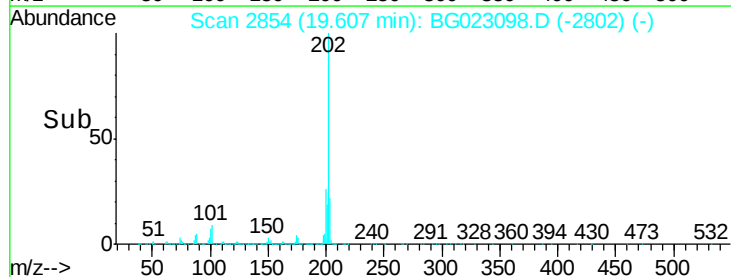
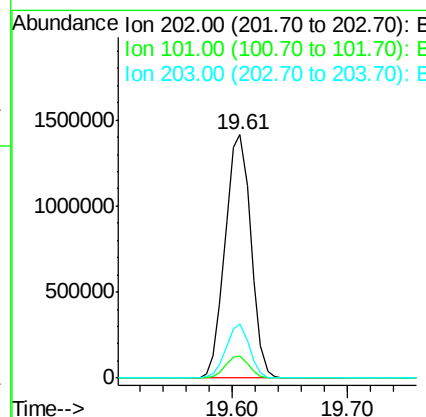
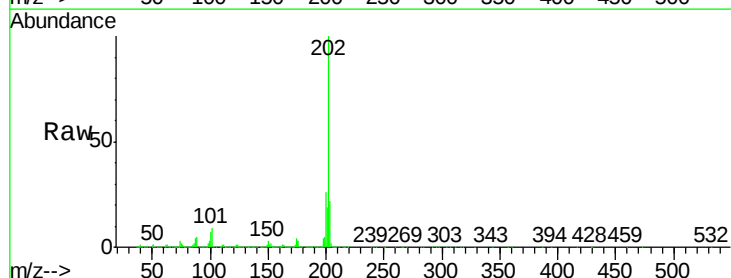
Manual Integrations

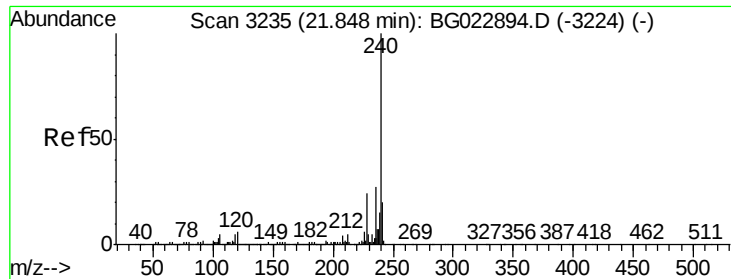
APPROVED
Sohil
7/15/2016 9:14:10 AM



#74
Fluoranthene
Concen: 39.09 ng
RT: 19.61 min Scan# 2854
Delta R.T. 0.00 min
Lab File: BG023098.D
Acq: 14 Jul 2016 12:50

Tgt Ion:202 Resp: 2179792
Ion Ratio Lower Upper
202 100
101 9.1 0.0 27.4
203 22.1 1.7 41.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.86 min Scan# 3238

Delta R.T. 0.02 min

Lab File: BG023098.D

Acq: 14 Jul 2016 12:50

Instrument :

BNA_G

ClientSampleId :

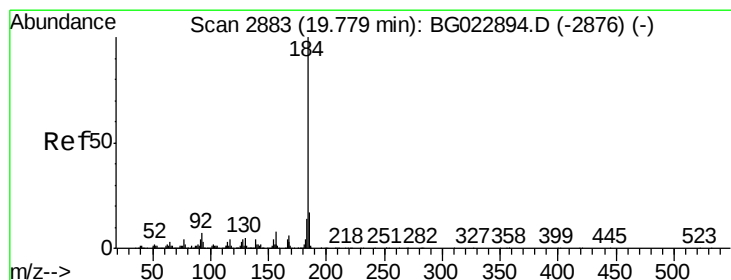
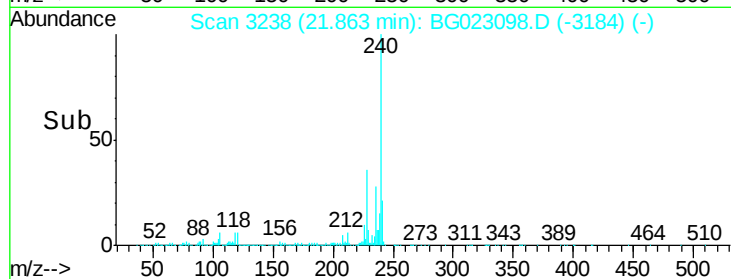
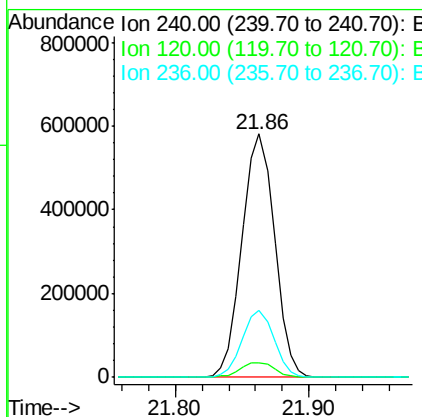
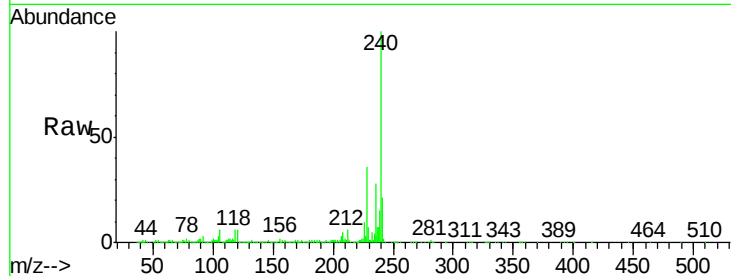
B7-B2(5-12)CMS

Tot Ion:	240	Resp:	982464
Ion Ratio	Lower	Upper	
240	100		
120	5.9	4.1	6.1
236	27.6	21.1	31.7

Manual Integrations

Sohil

7/15/2016 9:14:10 AM



#76

Benzidine

Concen: 49.86 ng

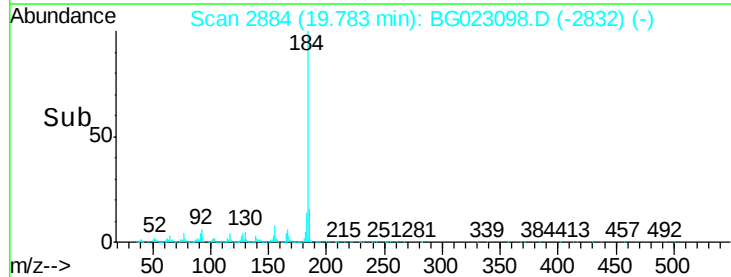
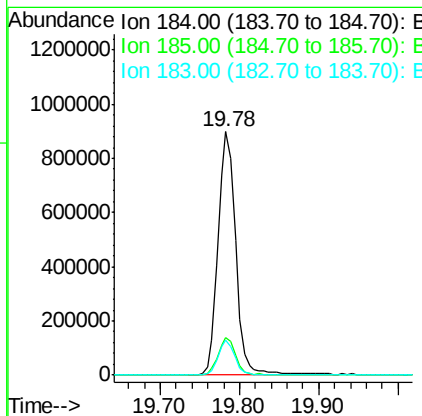
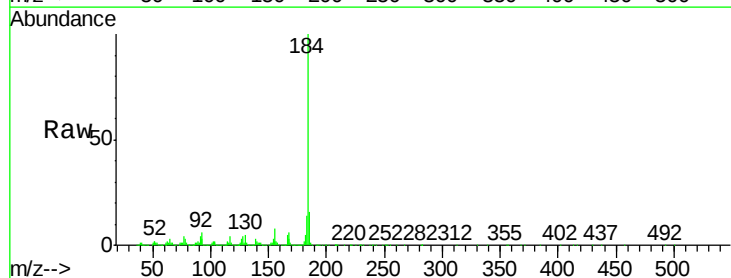
RT: 19.78 min Scan# 2884

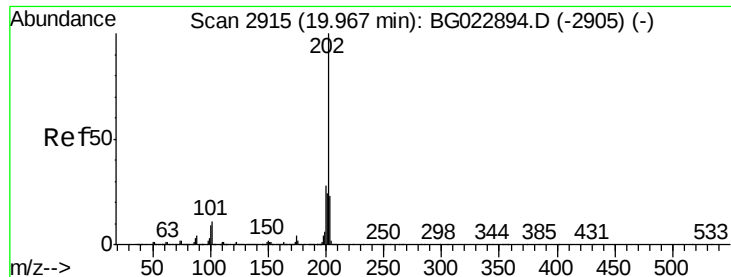
Delta R.T. 0.00 min

Lab File: BG023098.D

Acq: 14 Jul 2016 12:50

Tgt Ion:	184	Resp:	1404282
Ion Ratio	Lower	Upper	
184	100		
185	15.6	12.6	19.0
183	14.4	10.7	16.1





#77

Pvrene

Concen: 39.66 ng

RT: 19.97 min Scan# 2915

Delta R.T. -0.00 min

Lab File: BG023098.D

Acq: 14 Jul 2016 12:50

Instrument :

BNA_G

ClientSampleId :

B7-B2(5-12)CMS

Tot Ion:202 Resp: 2189415

Ion	Ratio	Lower	Upper
202	100		
200	25.4	21.2	31.8
203	22.2	16.8	25.2

202 100

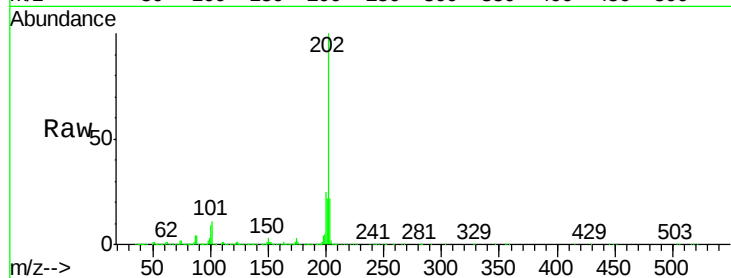
200 25.4 21.2 31.8

203 22.2 16.8 25.2

Manual Integrations

Sohil

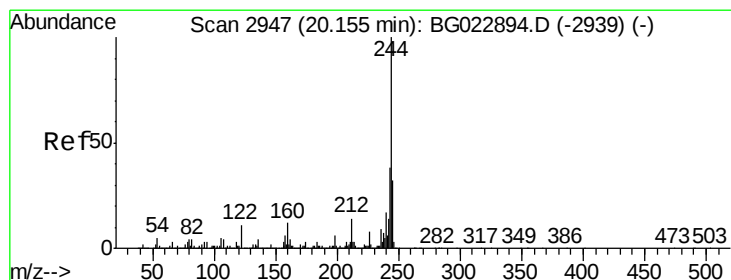
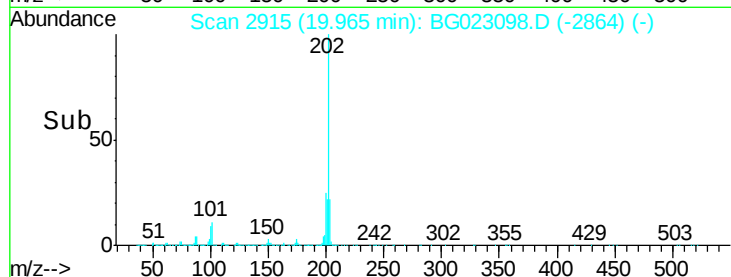
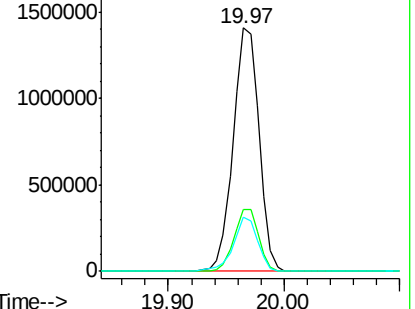
7/15/2016 9:14:10 AM



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: 86.42 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG023098.D

Acq: 14 Jul 2016 12:50

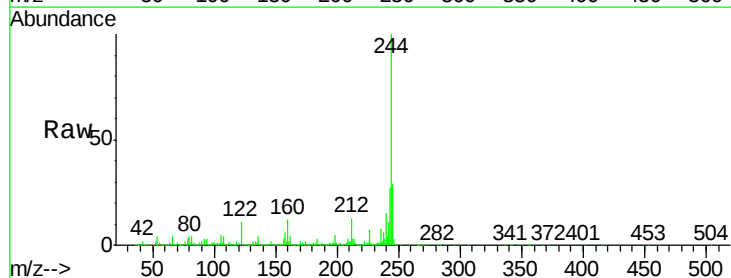
Tgt Ion:244 Resp: 2659889

Ion	Ratio	Lower	Upper
244	100		
212	13.1	10.8	16.2
122	10.6	8.0	12.0

244 100

212 13.1 10.8 16.2

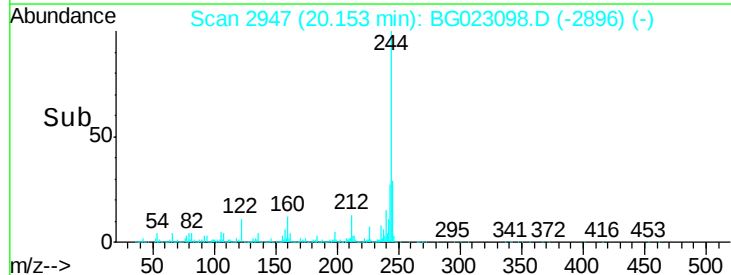
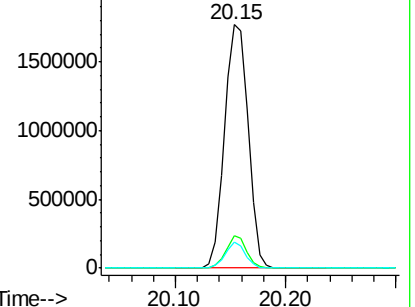
122 10.6 8.0 12.0

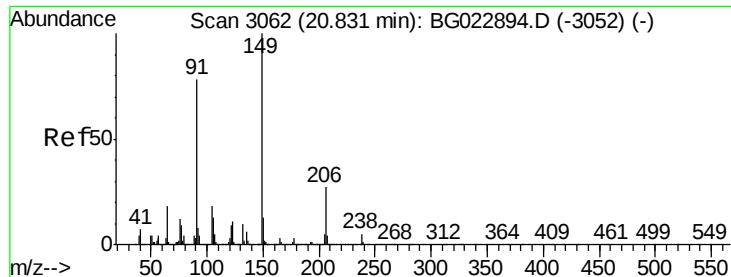


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





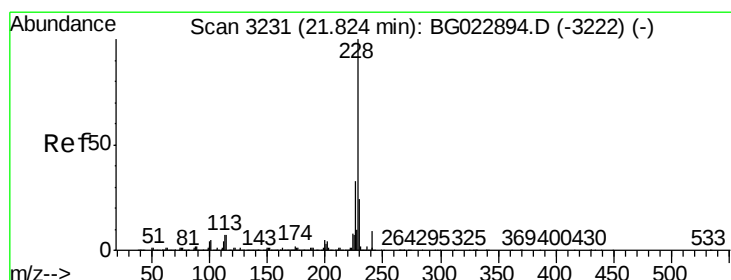
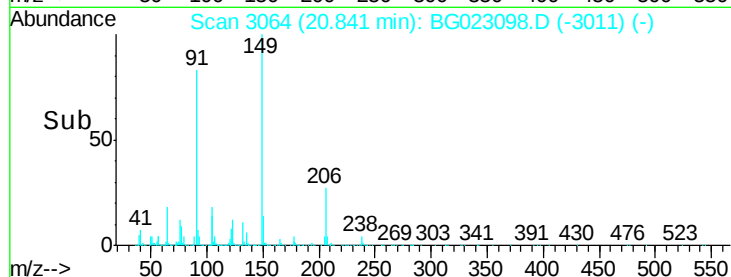
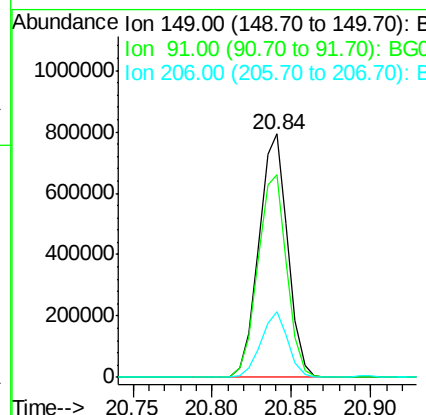
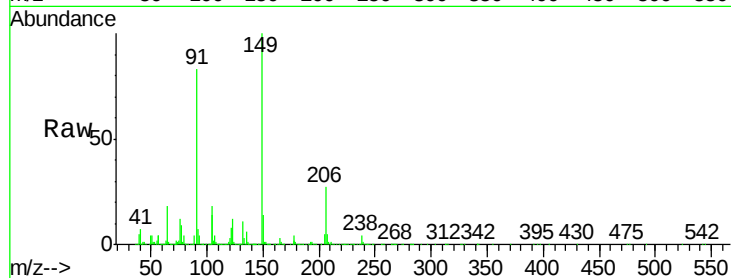
#79
Butylbenzylphthalate
Concen: 45.68 ng
RT: 20.84 min Scan# 3064
Delta R.T. 0.01 min
Lab File: BG023098.D
Acq: 14 Jul 2016 12:50

Instrument :
BNA_G
ClientSampleId :
B7-B2(5-12)CMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100				
91	83.3	68.1	102.1		
206	27.2	19.8	29.6		

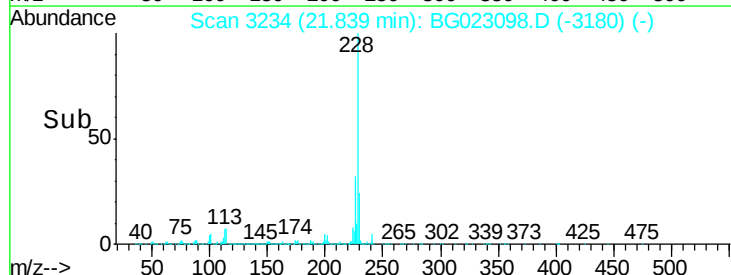
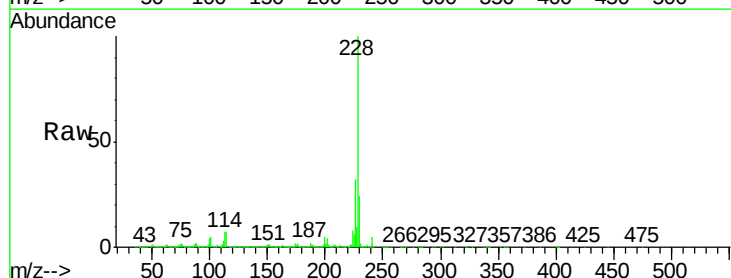
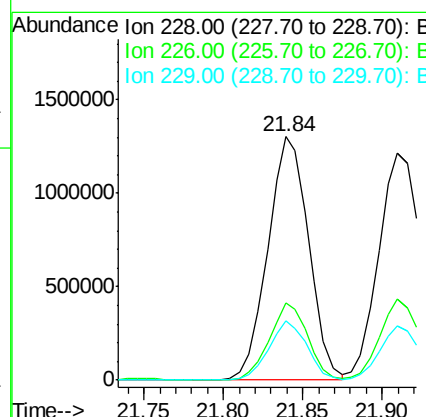
Manual Integrations

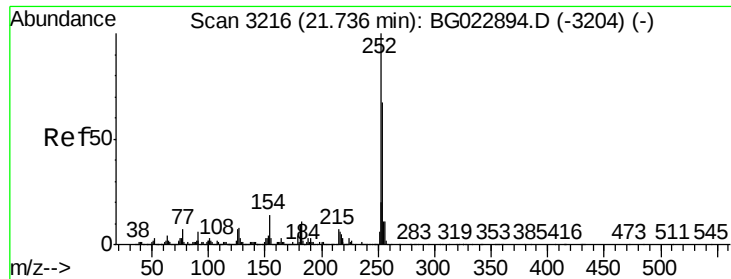
APPROVED
Sohil
7/15/2016 9:14:10 AM



#80
Benzo(a)anthracene
Concen: 42.31 ng
RT: 21.84 min Scan# 3234
Delta R.T. 0.02 min
Lab File: BG023098.D
Acq: 14 Jul 2016 12:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
226	31.6	25.3	37.9		
229	24.3	19.9	29.9		





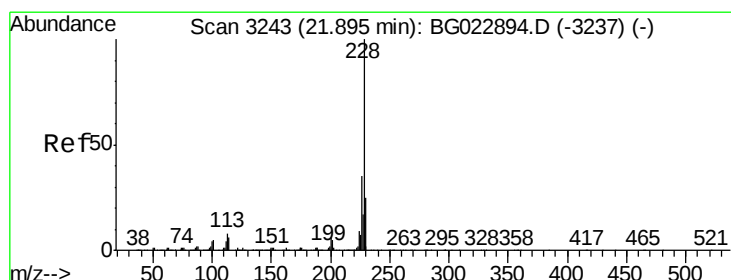
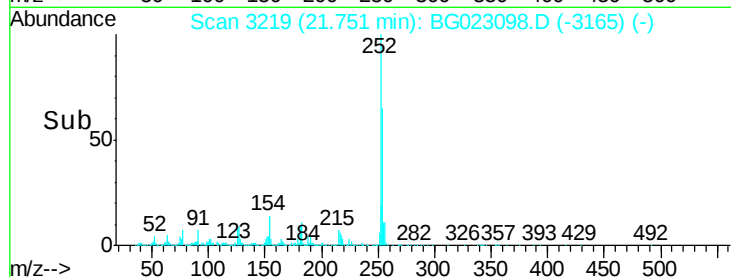
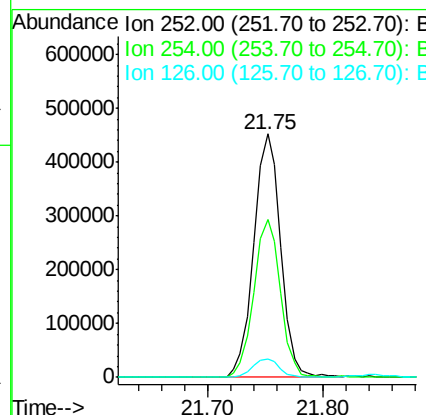
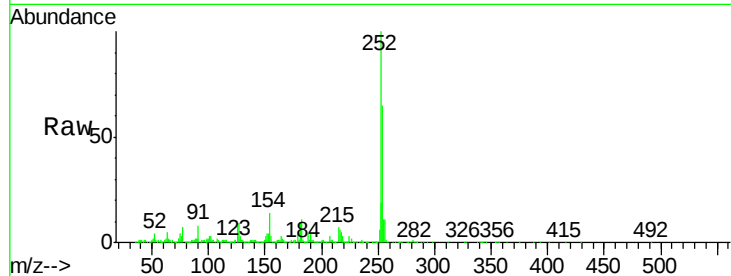
#81
 3,3'-Dichlorobenzidine
 Concen: 30.49 ng
 RT: 21.75 min Scan# 3219
 Delta R.T. 0.02 min
 Lab File: BG023098.D
 Acq: 14 Jul 2016 12:50

Instrument :
 BNA_G
 ClientSampleId :
 B7-B2(5-12)CMS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.2	76.8
126	7.6	5.3	7.9

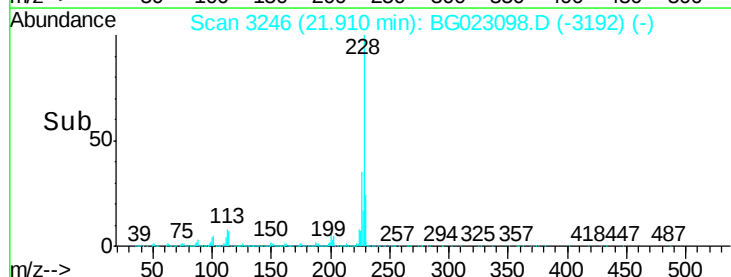
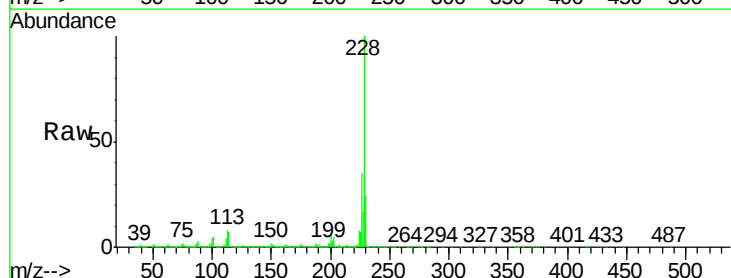
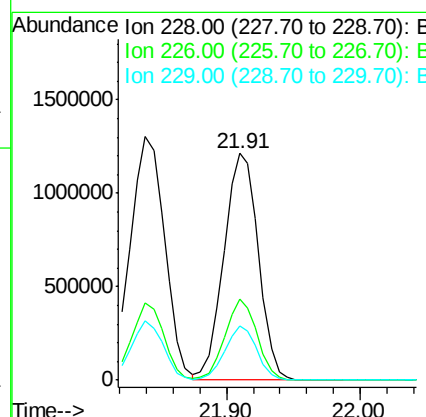
Manual Integrations

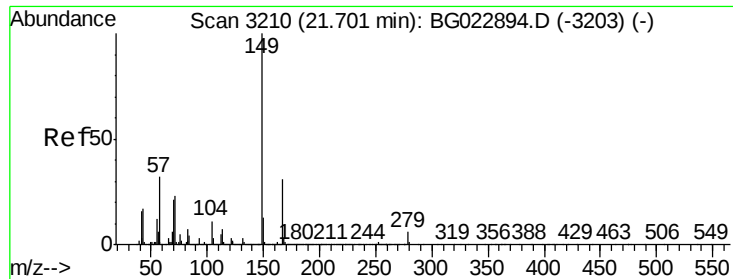
APPROVED
 Sohil
 7/15/2016 9:14:10 AM



#82
 Chrysene
 Concen: 42.44 ng
 RT: 21.91 min Scan# 3246
 Delta R.T. 0.02 min
 Lab File: BG023098.D
 Acq: 14 Jul 2016 12:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	35.5	26.7	40.1
229	23.7	17.4	26.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.88 ng

RT: 21.72 min Scan# 3213

Delta R.T. 0.02 min

Lab File: BG023098.D

Acq: 14 Jul 2016 12:50

Instrument :

BNA_G

ClientSampleId :

B7-B2(5-12)CMS

Tot Ion:149 Resp: 1393175

Ion Ratio Lower Upper

149 100

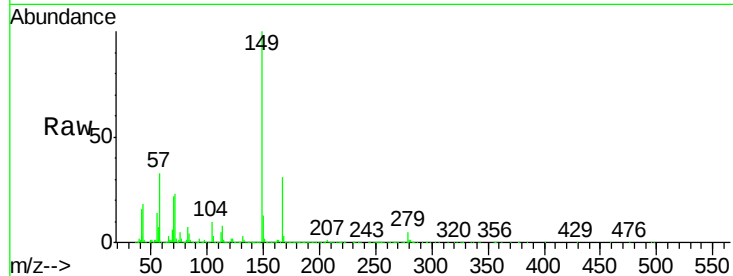
167 30.8 24.0 36.0

279 5.2 4.8 7.2

Manual Integrations

Sohil

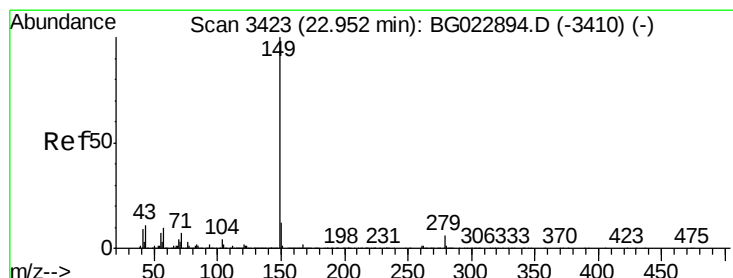
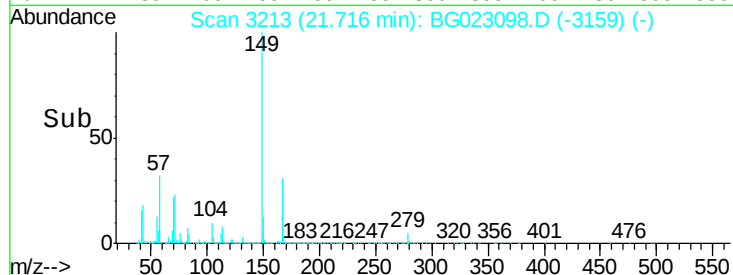
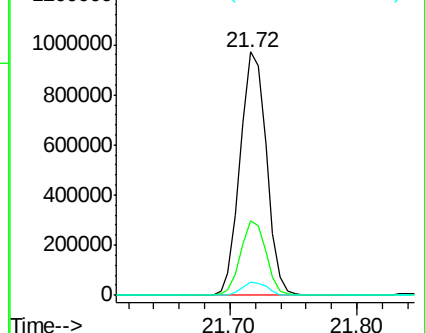
7/15/2016 9:14:10 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 45.37 ng

RT: 22.99 min Scan# 3429

Delta R.T. 0.03 min

Lab File: BG023098.D

Acq: 14 Jul 2016 12:50

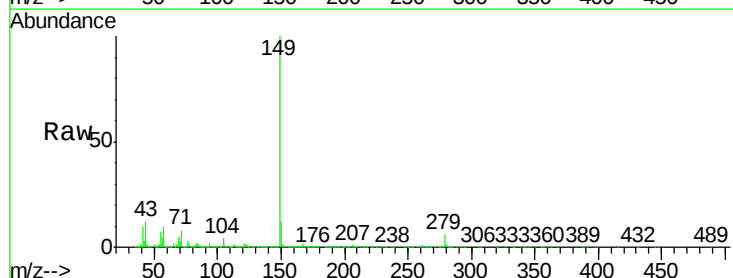
Tgt Ion:149 Resp: 2297576

Ion Ratio Lower Upper

149 100

167 1.9 1.5 2.3

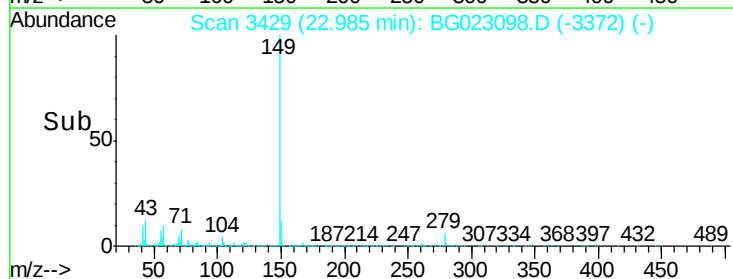
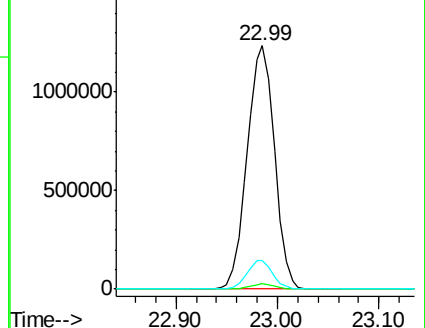
43 10.9 8.8 13.2

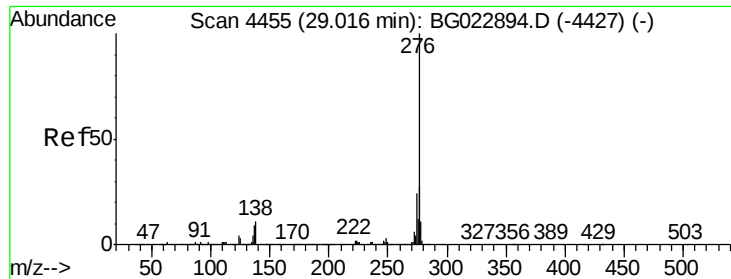


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGO





#85

Indeno(1,2,3-cd)pyrene

Concen: 40.73 ng

RT: 29.10 min Scan# 4469

Delta R.T. 0.08 min

Lab File: BG023098.D

Acq: 14 Jul 2016 12:50

Instrument :

BNA_G

ClientSampleId :

B7-B2(5-12)CMS

Tot Ion:276 Resp: 2677441

Ion	Ratio	Lower	Upper
276	100		
138	13.9	0.0	0.0#
277	25.8	0.0	0.0#

276 100

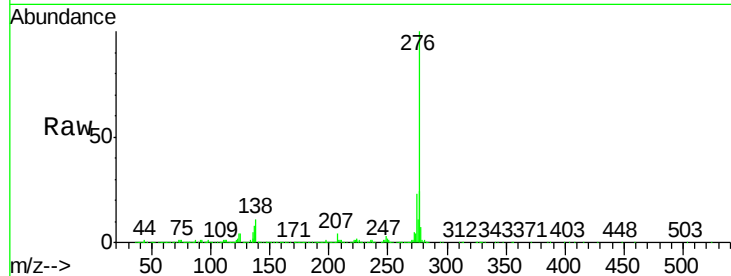
138 13.9 0.0 0.0#

277 25.8 0.0 0.0#

Manual Integrations

Sohil

7/15/2016 9:14:10 AM

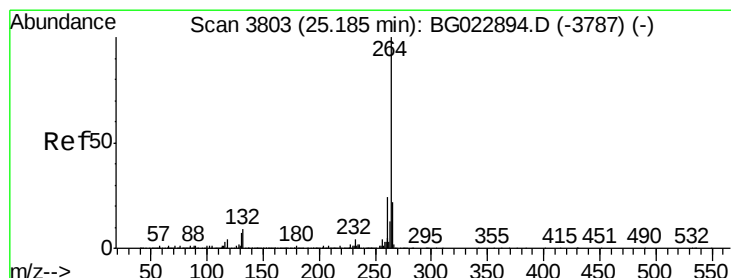
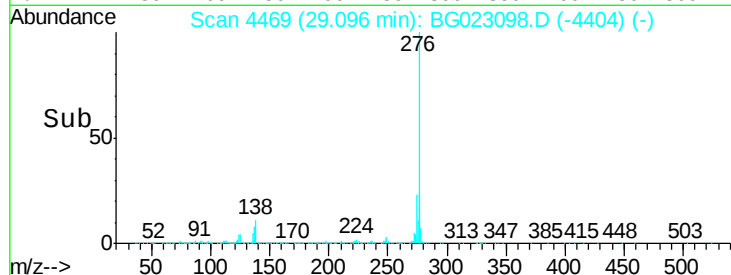
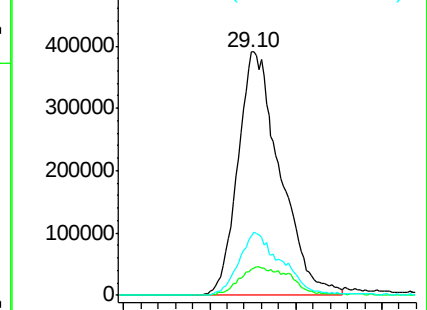


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.24 min Scan# 3813

Delta R.T. 0.06 min

Lab File: BG023098.D

Acq: 14 Jul 2016 12:50

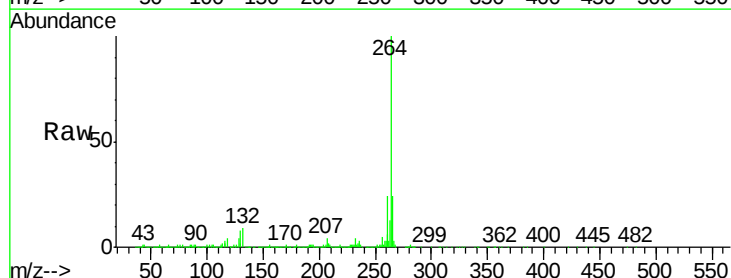
Tgt Ion:264 Resp: 1015993

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.4	27.6
265	23.7	18.9	28.3

264 100

260 23.5 18.4 27.6

265 23.7 18.9 28.3

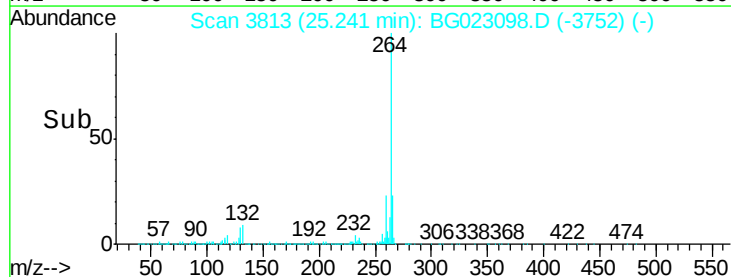
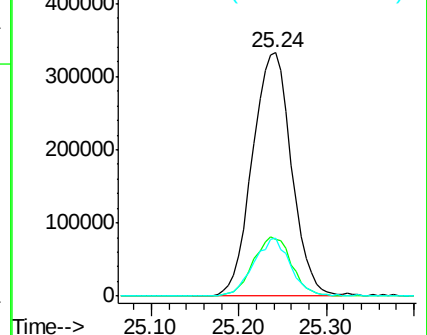


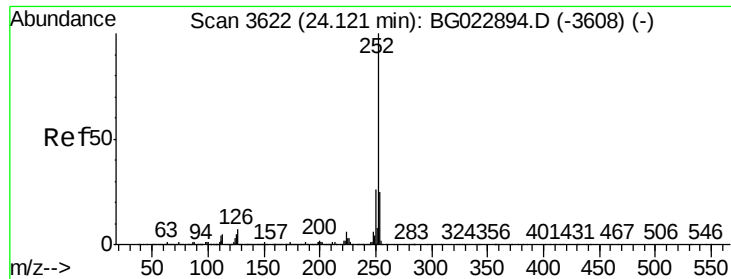
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





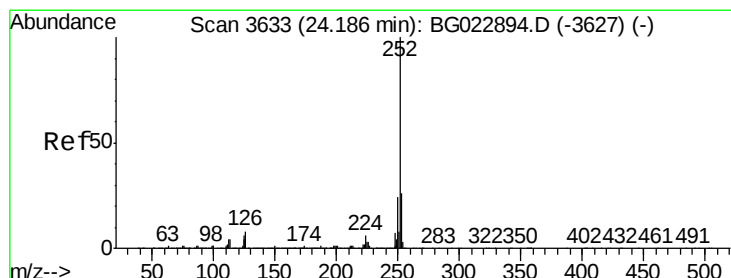
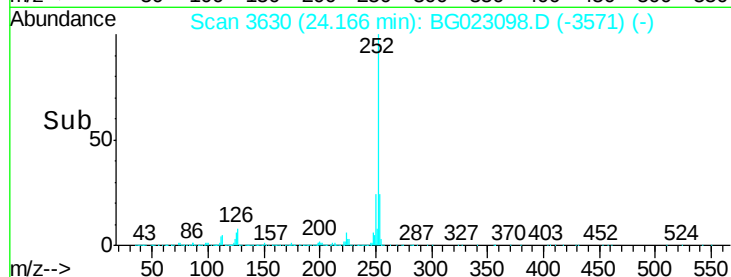
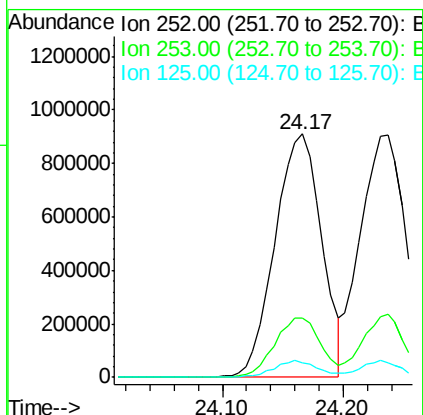
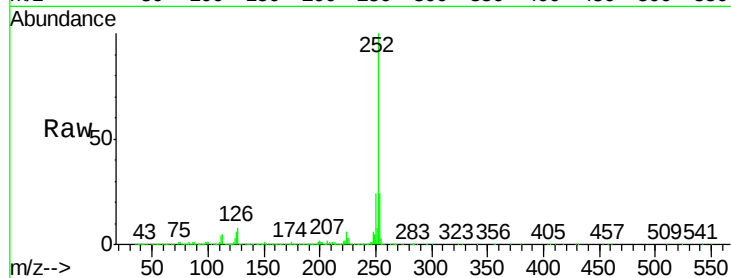
#87
Benzo(b)fluoranthene
Concen: 41.48 ng
RT: 24.17 min Scan# 3630
Delta R.T. 0.04 min
Lab File: BG023098.D
Acq: 14 Jul 2016 12:50

Instrument :
BNA_G
ClientSampleId :
B7-B2(5-12)CMS

Tot Ion:252 Resp: 2431498
Ion Ratio Lower Upper
252 100
253 24.2 18.9 28.3
125 6.1 3.9 5.9#

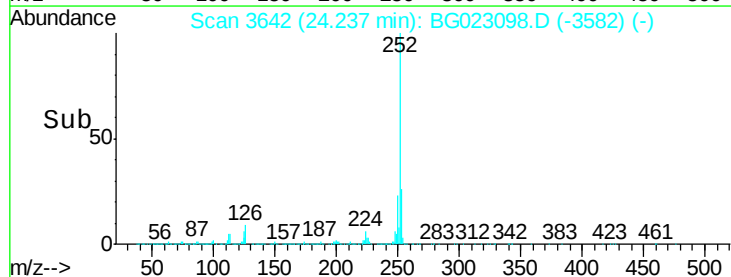
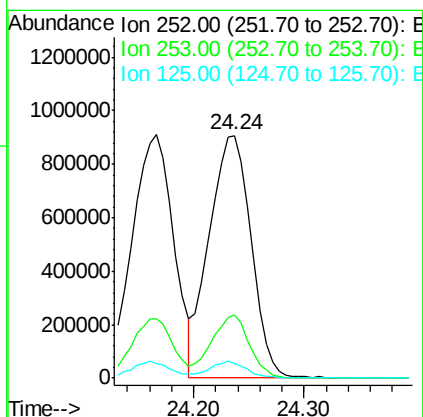
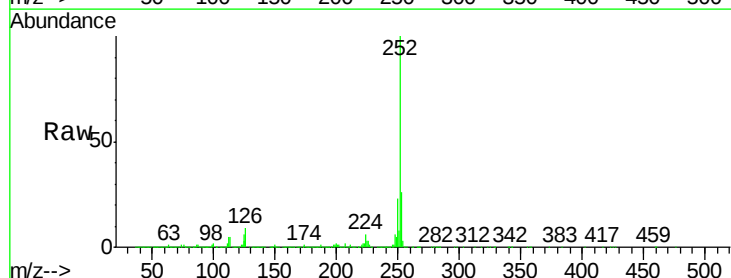
Manual Integrations

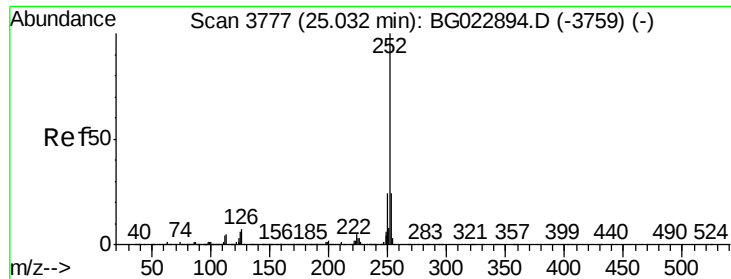
APPROVED
Sohil
7/15/2016 9:14:10 AM



#88
Benzo(k)fluoranthene
Concen: 42.90 ng
RT: 24.24 min Scan# 3642
Delta R.T. 0.05 min
Lab File: BG023098.D
Acq: 14 Jul 2016 12:50

Tgt Ion:252 Resp: 2386417
Ion Ratio Lower Upper
252 100
253 25.9 18.8 28.2
125 6.1 3.2 4.8#





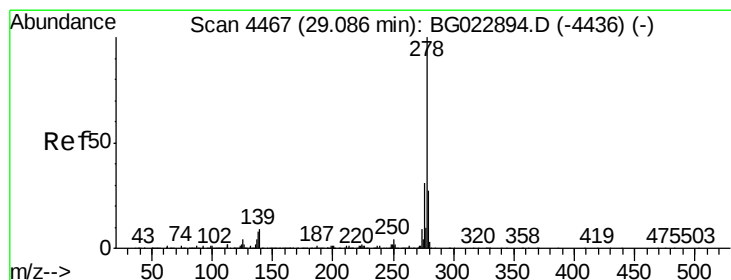
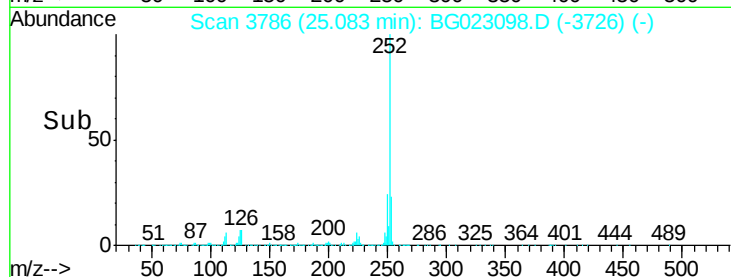
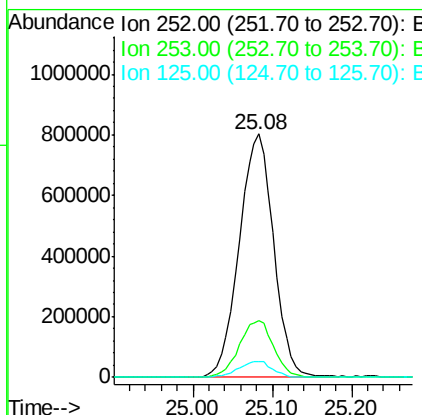
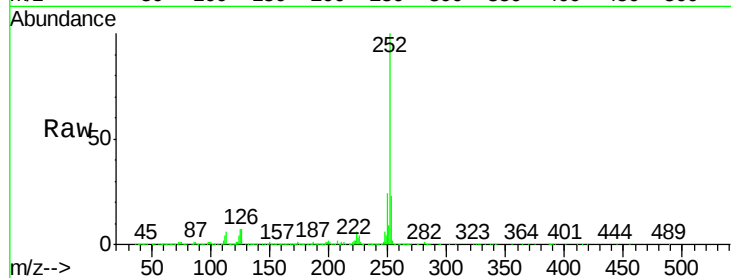
#89
Benzo(a)pyrene
Concen: 42.97 ng
RT: 25.08 min Scan# 3786
Delta R.T. 0.05 min
Lab File: BG023098.D
Acq: 14 Jul 2016 12:50

Instrument :
BNA_G
ClientSampleId :
B7-B2(5-12)CMS

Tot Ion:252 Resp: 2414329
Ion Ratio Lower Upper
252 100
253 23.4 18.7 28.1
125 6.7 3.9 5.9#

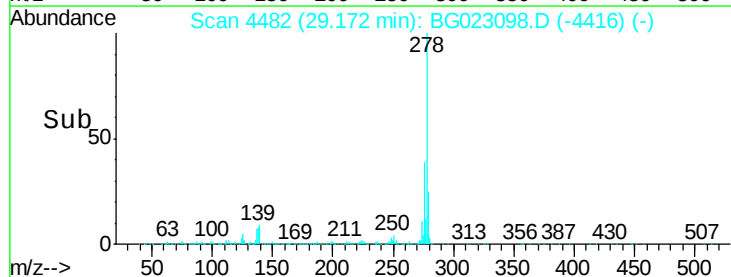
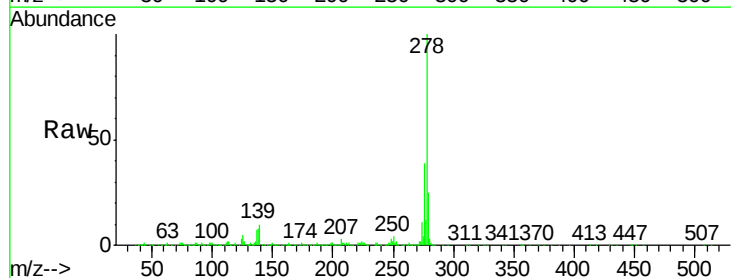
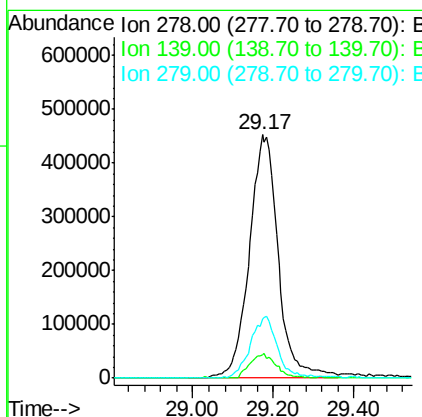
Manual Integrations

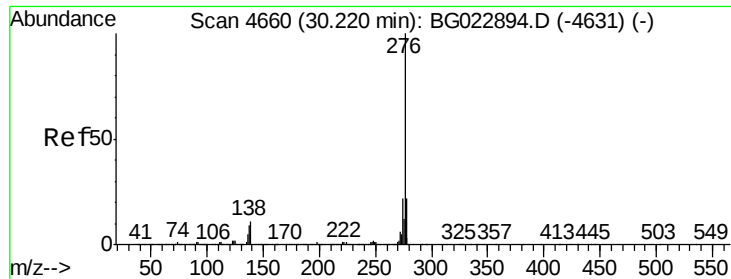
APPROVED
Sohil
7/15/2016 9:14:10 AM



#90
Dibenzo(a,h)anthracene
Concen: 40.43 ng
RT: 29.17 min Scan# 4482
Delta R.T. 0.09 min
Lab File: BG023098.D
Acq: 14 Jul 2016 12:50

Tgt Ion:278 Resp: 2254437
Ion Ratio Lower Upper
278 100
139 9.5 4.7 7.1#
279 24.6 18.3 27.5





#91
 Benzo(a,h,i)perylene
 Concen: 38.50 ng
 RT: 30.33 min Scan# 4679
 Delta R.T. 0.11 min
 Lab File: BG023098.D
 Acq: 14 Jul 2016 12:50

Instrument :
 BNA_G
 ClientSampleId :
 B7-B2(5-12)CMS

Tot Ion: 276 Resp: 2150408
 Ion Ratio Lower Upper
 276 100
 277 24.4 18.6 27.8
 138 11.2 6.8 10.2#

Manual Integrations

APPROVED
 Sohil
 7/15/2016 9:14:10 AM

