

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073116\
 Data File : BG023356.D
 Acq On : 30 Jul 2016 14:05
 Operator : UM/SJ
 Sample : PB92565BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB92565BS

Manual Integrations
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Quant Time: Aug 01 01:57:04 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 17:30:33 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	149287	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	682206	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	494637	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	1118338	20.00	ng	0.00
75) Chrysene-d12	21.90	240	1091825	20.00	ng	0.00
86) Perylene-d12	25.29	264	1115979	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.68	112	1267393	144.93	ng	0.00
7) Phenol-d6	7.29	99	1858431	138.42	ng	0.00
23) Nitrobenzene-d5	9.31	82	1215483	87.13	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	894417	174.70	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2447662	92.61	ng	0.00
78) Terphenyl-d14	20.18	244	2977139	88.64	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	137054	36.54	ng	# 87
3) Pyridine	3.94	79	466534	35.54	ng	93
4) n-Nitrosodimethylamine	3.85	42	211660	35.69	ng	# 78
6) Aniline	7.46	93	686826	38.30	ng	98
8) 2-Chlorophenol	7.70	128	489510	50.17	ng	99
9) Benzaldehyde	7.26	77	308050	31.94	ng	95
10) Phenol	7.32	94	719549	50.79	ng	81
11) bis(2-Chloroethyl)ether	7.54	93	502532	41.74	ng	88
12) 1,3-Dichlorobenzene	8.02	146	485408m	44.15	ng	
13) 1,4-Dichlorobenzene	8.17	146	493171	43.96	ng	95
14) 1,2-Dichlorobenzene	8.50	146	482177	44.56	ng	95
15) Benzyl Alcohol	8.38	79	542444	60.04	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.67	45	711598	37.14	ng	91
17) 2-Methylphenol	8.59	107	483566	49.94	ng	# 85
18) Hexachloroethane	9.23	117	187377	40.10	ng	92
19) n-Nitroso-di-n-propylamine	8.95	70	493347	40.85	ng	100
20) 3+4-Methylphenols	8.92	107	669254	50.83	ng	92
22) Acetophenone	8.97	105	710075	39.87	ng	# 91
24) Nitrobenzene	9.36	77	678760	41.90	ng	# 90
25) Isophorone	9.88	82	1398860	48.55	ng	95
26) 2-Nitrophenol	10.08	139	299084	48.88	ng	# 76
27) 2,4-Dimethylphenol	10.14	122	546278	52.97	ng	# 81
28) bis(2-Chloroethoxy)methane	10.36	93	759688	46.99	ng	99
29) 2,4-Dichlorophenol	10.62	162	562903	56.38	ng	98
30) 1,2,4-Trichlorobenzene	10.83	180	508574	46.09	ng	99
31) Naphthalene	11.02	128	1492920	47.10	ng	98
32) Benzoic acid	10.28	122	193513	27.26	ng	# 90
33) 4-Chloroaniline	11.15	127	108466	7.41	ng	# 89
34) Hexachlorobutadiene	11.30	225	314104	43.43	ng	98
35) Caprolactam	11.96	113	231402m	54.50	ng	
36) 4-Chloro-3-methylphenol	12.26	107	705036	53.75	ng	91
37) 2-Methylnaphthalene	12.63	142	1166336m	49.62	ng	
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	547221	34.17	ng	98
40) Hexachlorocyclopentadiene	12.97	237	792725	104.47	ng	97

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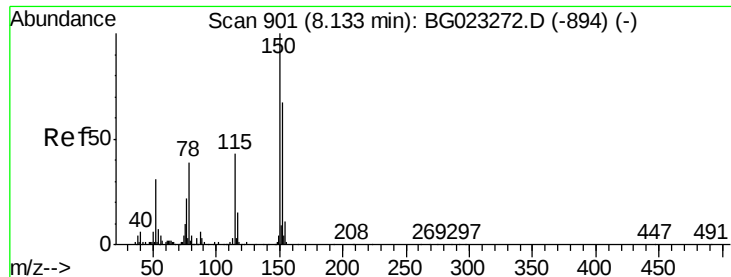
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.24	196	493714	52.49	ng	98
43) 2,4,5-Trichlorophenol	13.31	196	533492	53.47	ng	91
45) 1,1'-Biphenyl	13.64	154	1432846	41.53	ng	93
46) 2-Chloronaphthalene	13.68	162	1260165	45.59	ng	97
47) 2-Nitroaniline	13.89	65	562831	48.13	ng	87
48) Acenaphthylene	14.53	152	1998883	47.23	ng	95
49) Dimethylphthalate	14.25	163	1764245	48.33	ng	96
50) 2,6-Dinitrotoluene	14.38	165	417428	48.83	ng #	82
51) Acenaphthene	14.87	154	1291166	47.03	ng	99
52) 3-Nitroaniline	14.72	138	237623	27.60	ng #	74
53) 2,4-Dinitrophenol	14.92	184	493720	98.65	ng	90
54) Dibenzofuran	15.21	168	1976376	50.88	ng	98
55) 4-Nitrophenol	15.04	139	694124	92.95	ng #	80
56) 2,4-Dinitrotoluene	15.18	165	597620	49.65	ng	90
57) Fluorene	15.86	166	1652472	48.18	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.44	232	508760	60.23	ng	91
59) Diethylphthalate	15.62	149	1781236	47.64	ng	94
60) 4-Chlorophenyl-phenylether	15.85	204	867501	46.72	ng	99
61) 4-Nitroaniline	15.89	138	448598	49.69	ng #	65
62) Azobenzene	16.14	77	1915666	49.42	ng	91
64) 4,6-Dinitro-2-methylphenol	15.94	198	369423	51.43	ng	93
65) n-Nitrosodiphenylamine	16.06	169	1556727	52.14	ng	94
66) 4-Bromophenyl-phenylether	16.74	248	608248	53.79	ng	96
67) Hexachlorobenzene	16.87	284	632453	55.63	ng	96
68) Atrazine	17.03	200	550746	48.09	ng	96
69) Pentachlorophenol	17.22	266	731086	104.19	ng	98
70) Phenanthrene	17.61	178	2494717	51.00	ng	94
71) Anthracene	17.71	178	2513783	50.86	ng	92
72) Carbazole	17.98	167	2296665	50.74	ng	96
73) Di-n-butylphthalate	18.52	149	2559646	50.68	ng	97
74) Fluoranthene	19.62	202	2531490	45.35	ng	91
76) Benzidine	19.81	184	996865	32.46	ng	98
77) Pyrene	19.99	202	2568860	41.46	ng	95
79) Butylbenzylphthalate	20.86	149	1322883	48.53	ng	97
80) Benzo(a)anthracene	21.87	228	2657686	46.49	ng	98
81) 3,3'-Dichlorobenzidine	21.78	252	616581	26.60	ng #	97
82) Chrysene	21.94	228	2486036	45.01	ng	94
83) Bis(2-ethylhexyl)phthalate	21.75	149	2270753	59.53	ng	93
84) Di-n-octyl phthalate	23.02	149	2947570	47.24	ng	99
85) Indeno(1,2,3-cd)pyrene	29.19	276	3559703	55.26	ng #	100
87) Benzo(b)fluoranthene	24.21	252	2824764	47.65	ng #	94
88) Benzo(k)fluoranthene	24.29	252	2728224	46.03	ng #	94
89) Benzo(a)pyrene	25.14	252	2789120	48.01	ng #	95
90) Dibenzo(a,h)anthracene	29.26	278	2933536	53.38	ng #	89
91) Benzo(g,h,i)perylene	30.43	276	2967811	51.30	ng #	90

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.14 min Scan# 902

Delta R.T. -0.00 min

Lab File: BG023356.D

Acq: 30 Jul 2016 14:05

Instrument :

BNA_G

ClientSampleId :

PB92565BS

Tgt Ion: 152 Resp: 149287
Ion Ratio Lower Upper

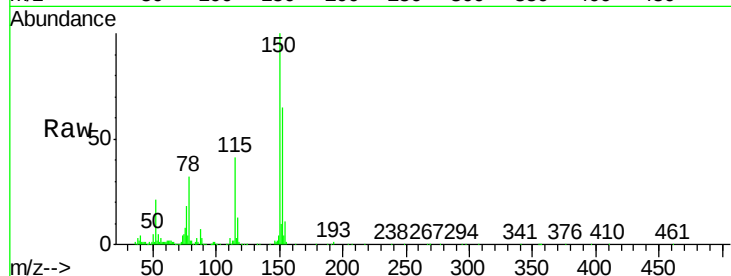
152 100

150 153.8 144.7 217.1

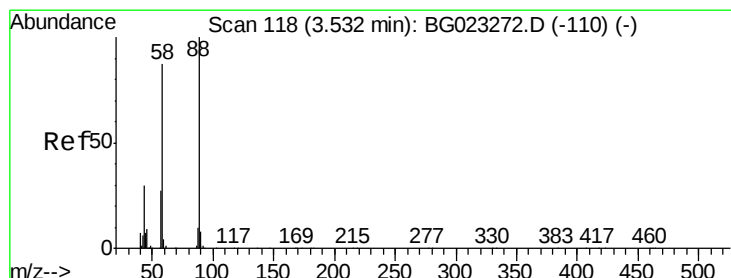
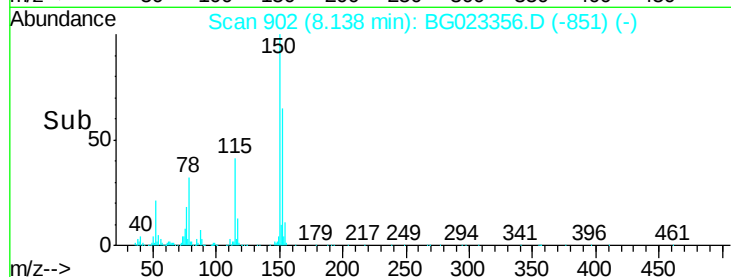
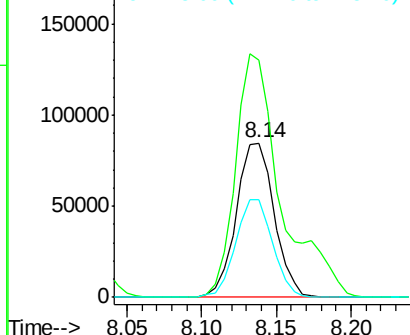
115 63.6 64.0 96.0#

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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: 36.54 ng

RT: 3.53 min Scan# 117

Delta R.T. -0.01 min

Lab File: BG023356.D

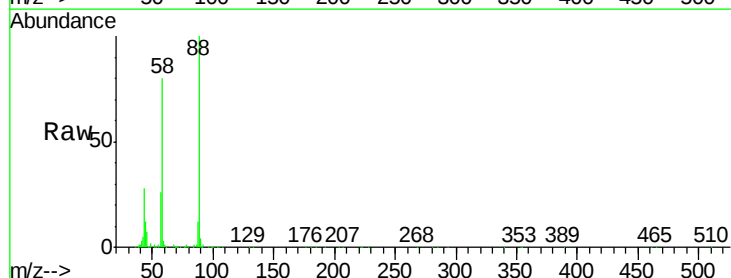
Acq: 30 Jul 2016 14:05

Tgt Ion: 88 Resp: 137054
Ion Ratio Lower Upper

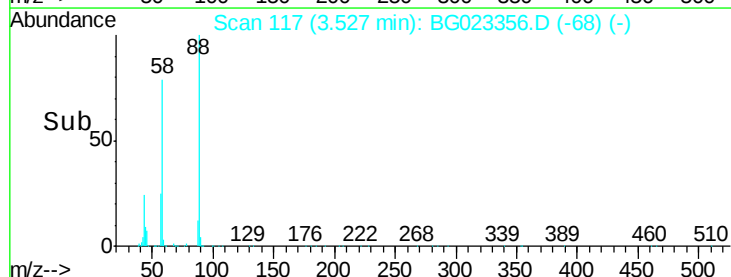
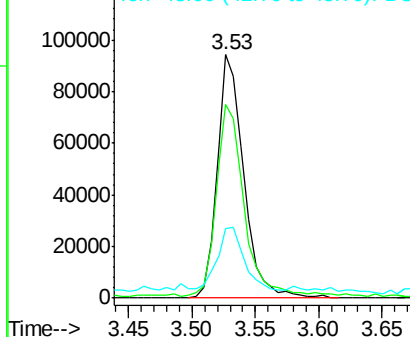
88 100

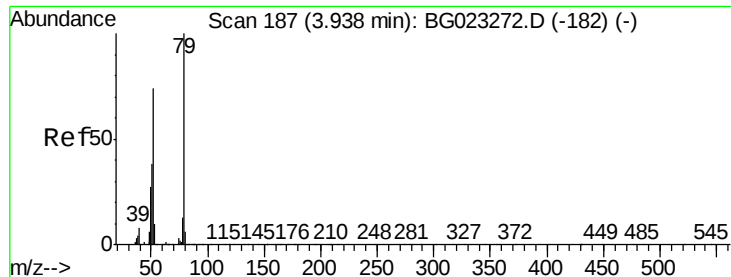
58 83.0 60.4 90.6

43 26.5 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

Pyridine

Concen: 35.54 ng

RT: 3.94 min Scan# 187

Delta R.T. -0.02 min

Lab File: BG023356.D

Acq: 30 Jul 2016 14:05

Instrument :

BNA_G

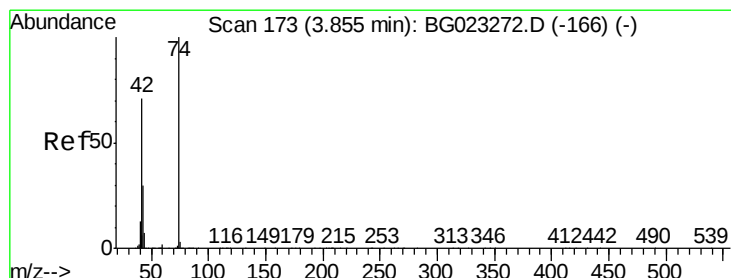
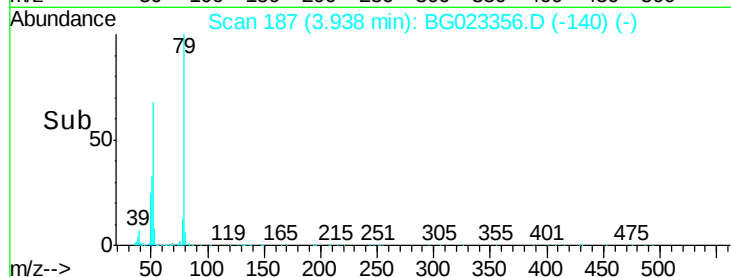
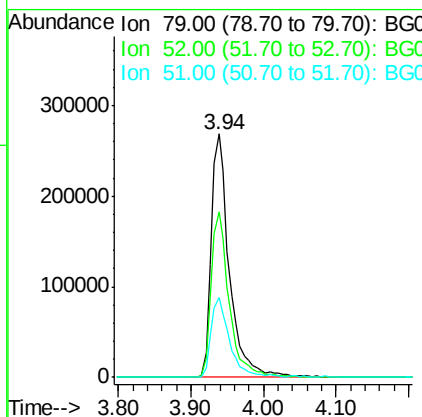
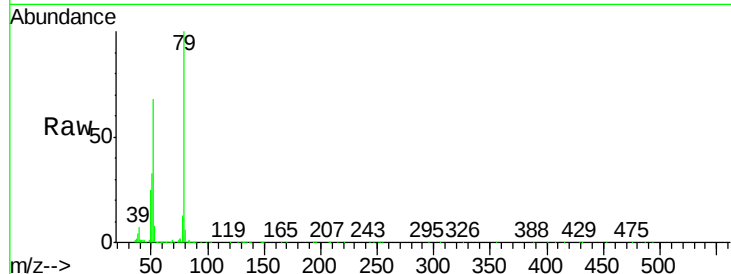
ClientSampleId :

PB92565BS

Tgt Ion:	79	Resp:	466534
Ion Ratio		Lower	Upper
79	100		
52	68.0	51.8	77.8
51	33.0	32.7	49.1

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#4

n-Nitrosodimethylamine

Concen: 35.69 ng

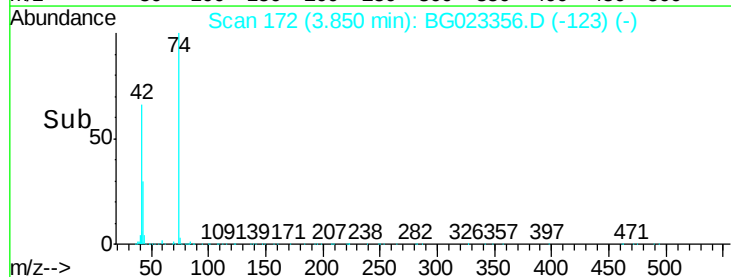
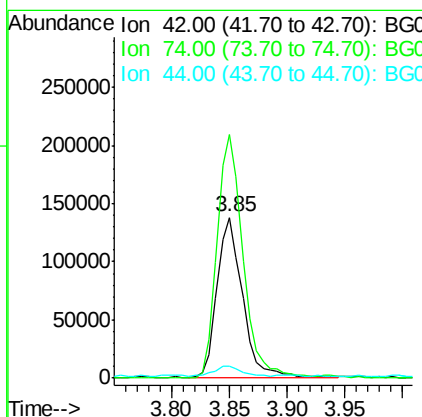
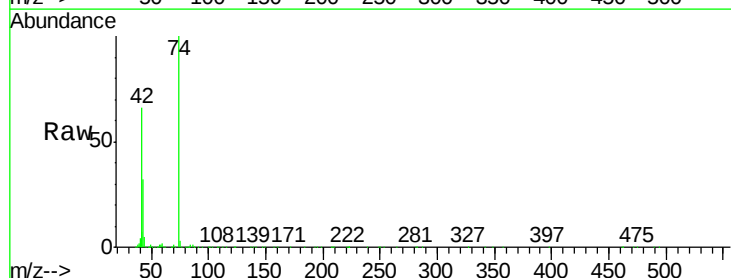
RT: 3.85 min Scan# 172

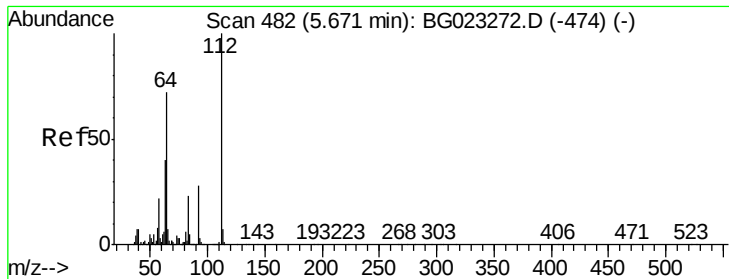
Delta R.T. -0.01 min

Lab File: BG023356.D

Acq: 30 Jul 2016 14:05

Tgt Ion:	42	Resp:	211660
Ion Ratio		Lower	Upper
42	100		
74	151.7	100.6	150.8#
44	7.1	4.5	6.7#





#5

2-Fluorophenol

Concen: 144.93 ng

RT: 5.68 min Scan# 483

Delta R.T. 0.00 min

Lab File: BG023356.D

Acq: 30 Jul 2016 14:05

Instrument :

BNA_G

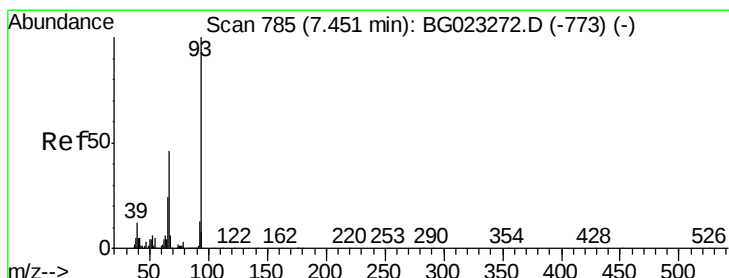
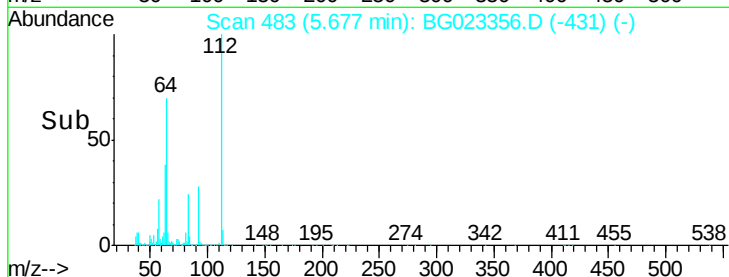
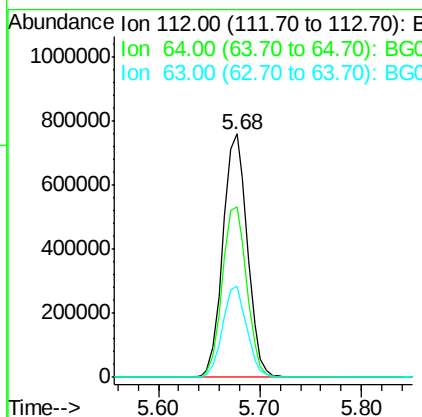
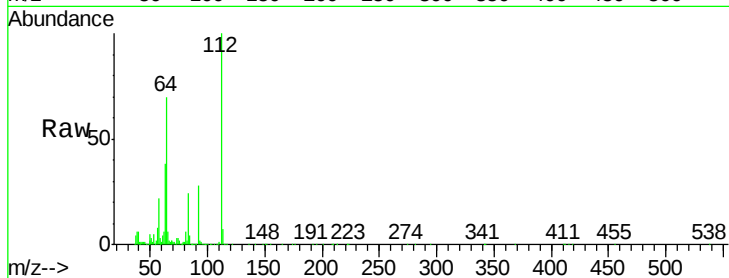
ClientSampled :

PB92565BS

Tgt Ion:	112	Resp:	1267393
Ion Ratio	Lower	Upper	
112	100		
64	70.3	59.0	88.4
63	37.5	37.8	56.8#

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#6

Aniline

Concen: 38.30 ng

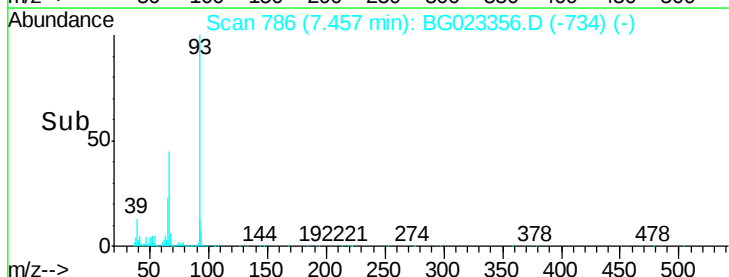
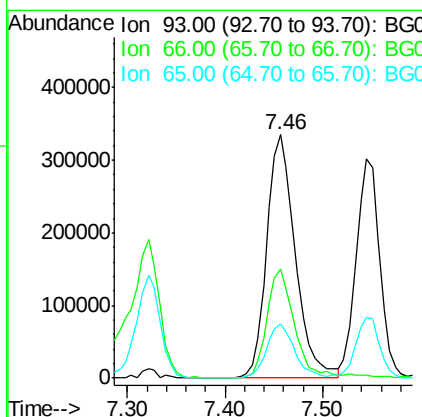
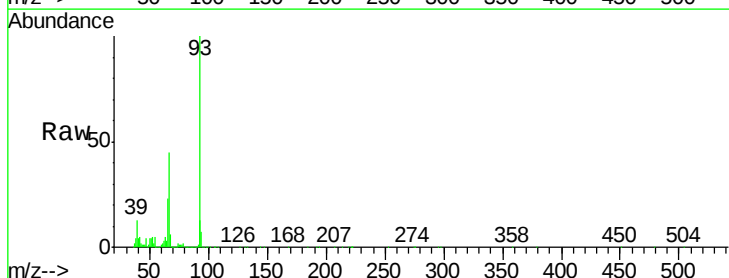
RT: 7.46 min Scan# 786

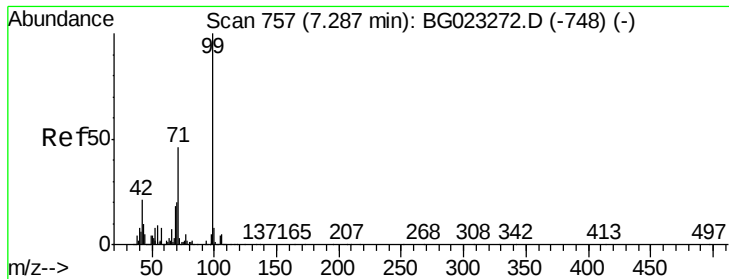
Delta R.T. 0.00 min

Lab File: BG023356.D

Acq: 30 Jul 2016 14:05

Tgt Ion:	93	Resp:	686826
Ion Ratio	Lower	Upper	
93	100		
66	44.8	37.5	56.3
65	22.5	17.9	26.9





#7

Phenol-d6

Concen: 138.42 ng

RT: 7.29 min Scan# 758

Delta R.T. 0.00 min

Lab File: BG023356.D

Acq: 30 Jul 2016 14:05

Instrument :

BNA_G

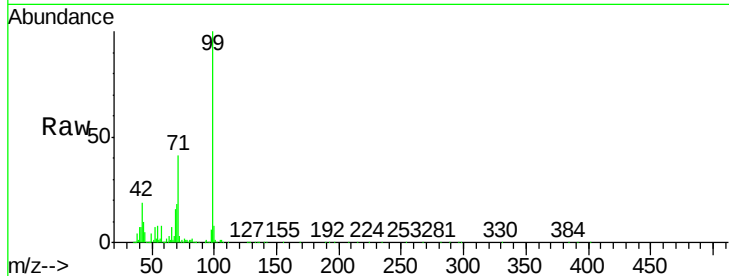
ClientSampled :

PB92565BS

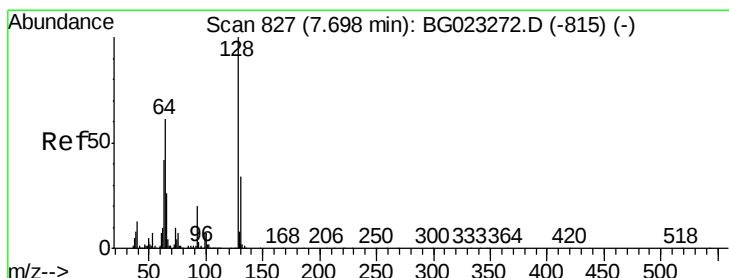
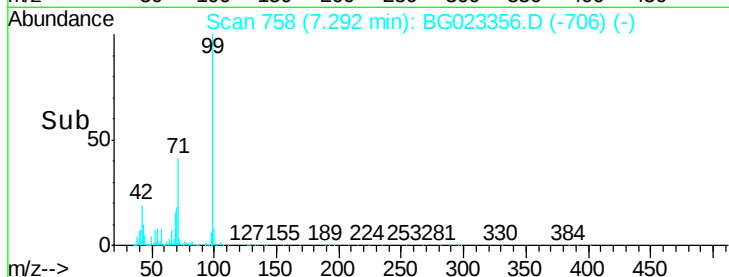
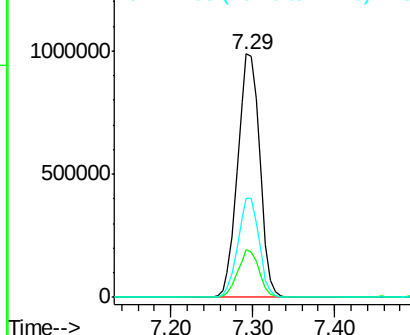
Tgt Ion	99	Resp	1858431
Ion	Ratio	Lower	Upper
99	100		
42	19.4	17.8	26.6
71	40.7	41.5	62.3#

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



#8

2-Chlorophenol

Concen: 50.17 ng

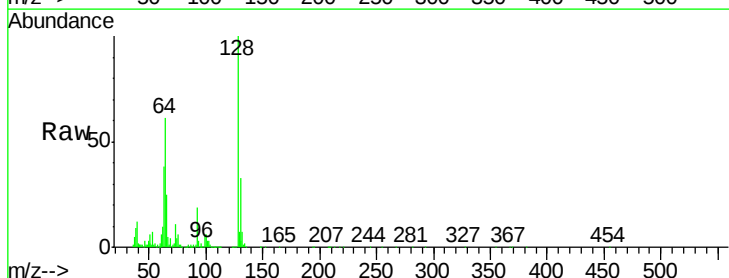
RT: 7.70 min Scan# 827

Delta R.T. -0.00 min

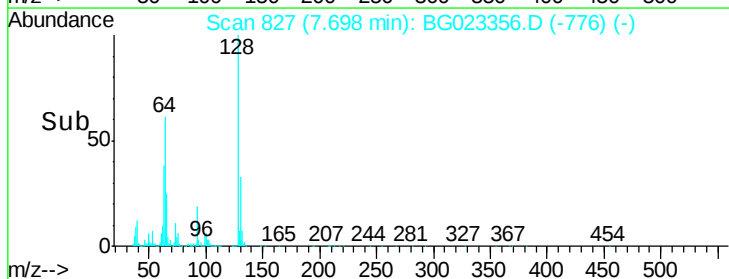
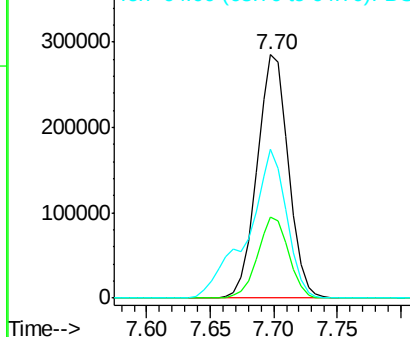
Lab File: BG023356.D

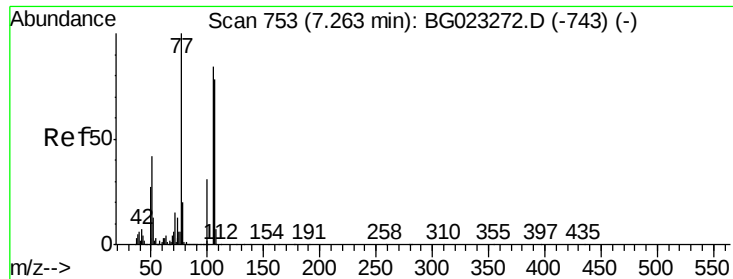
Acq: 30 Jul 2016 14:05

Tgt Ion	128	Resp	489510
Ion	Ratio	Lower	Upper
128	100		
130	33.4	12.9	52.9
64	61.2	42.0	82.0



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





#9

Benzaldehyde

Concen: 31.94 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG023356.D

Acq: 30 Jul 2016 14:05

Instrument :

BNA_G

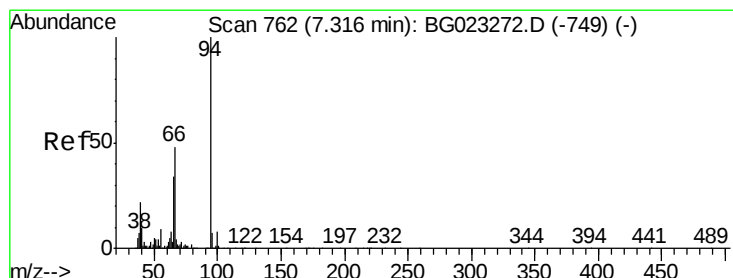
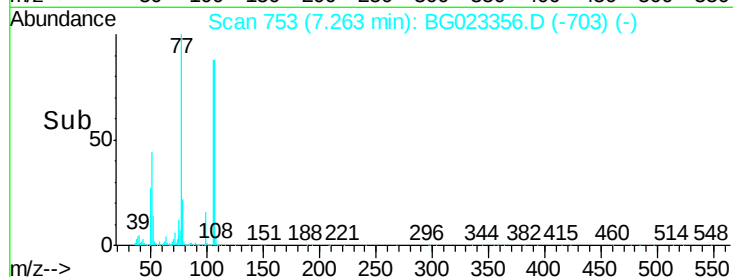
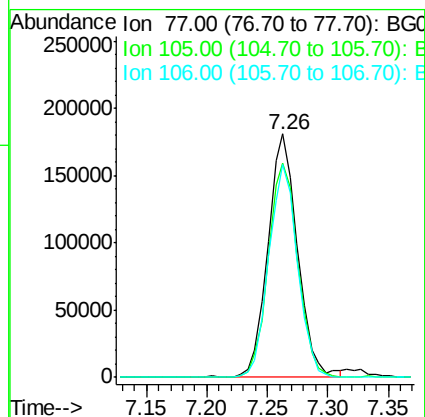
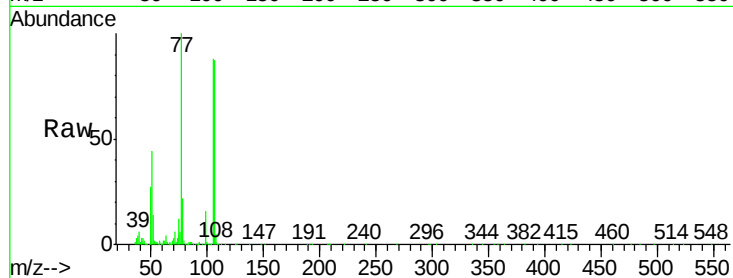
ClientSampleId :

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Tgt Ion:	77	Resp:	308050
Ion Ratio	Lower	Upper	
77	100		
105	87.9	58.7	98.7
106	87.2	67.5	107.5

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#10

Phenol

Concen: 50.79 ng

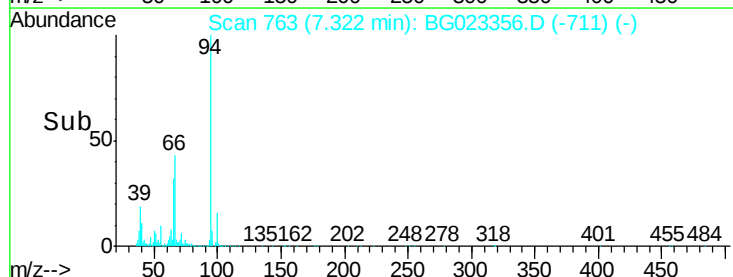
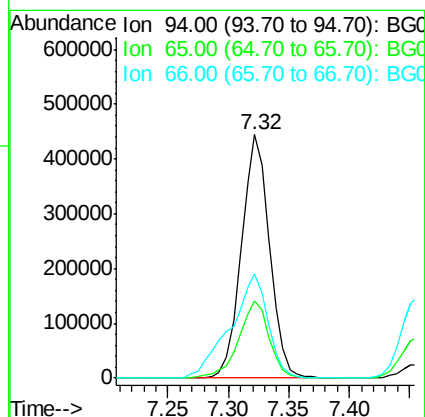
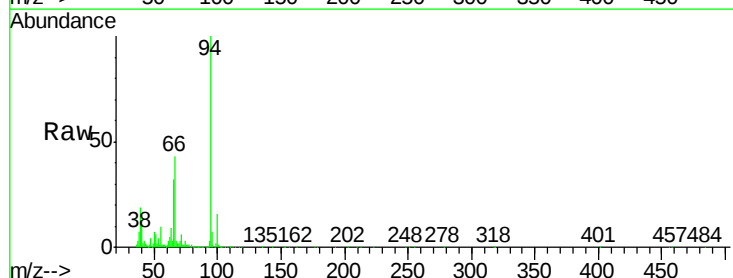
RT: 7.32 min Scan# 763

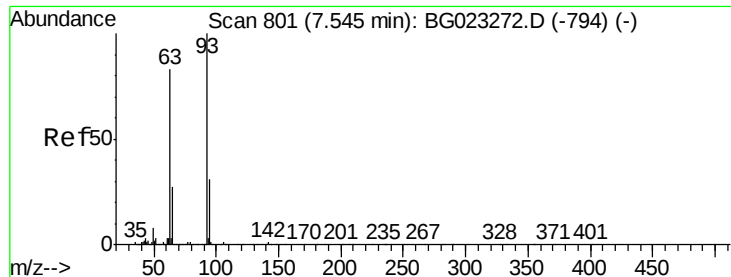
Delta R.T. 0.00 min

Lab File: BG023356.D

Acq: 30 Jul 2016 14:05

Tgt Ion:	94	Resp:	719549
Ion Ratio	Lower	Upper	
94	100		
65	31.8	18.1	58.1
66	43.0	42.1	82.1





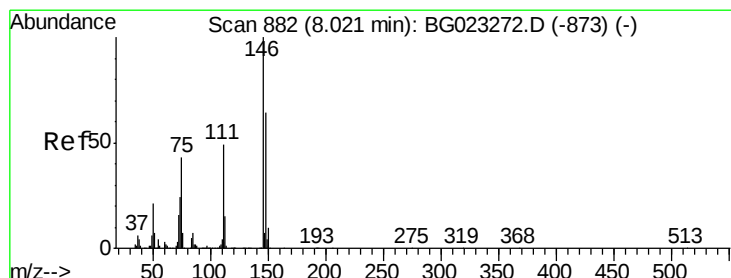
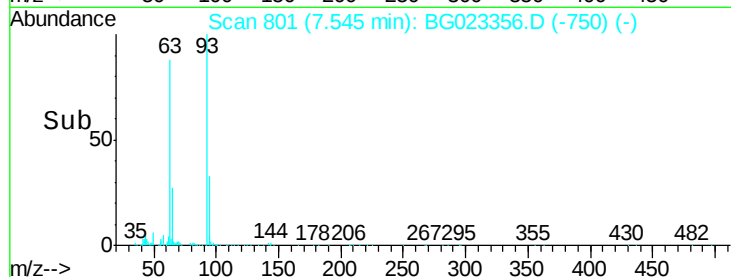
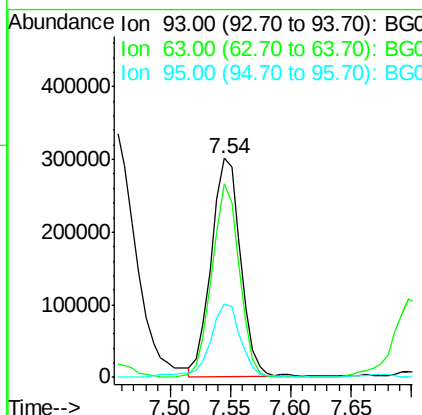
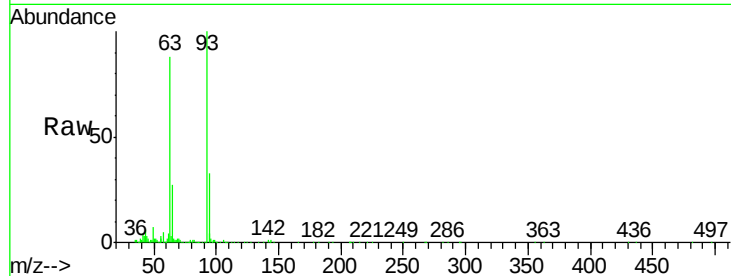
#11
bis(2-Chloroethyl)ether
Concen: 41.74 ng
RT: 7.54 min Scan# 801
Delta R.T. -0.00 min
Lab File: BG023356.D
Acq: 30 Jul 2016 14:05

Instrument :
BNA_G
ClientSampleId :
PB92565BS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	88.3	55.0	95.0
95	33.2	11.0	51.0

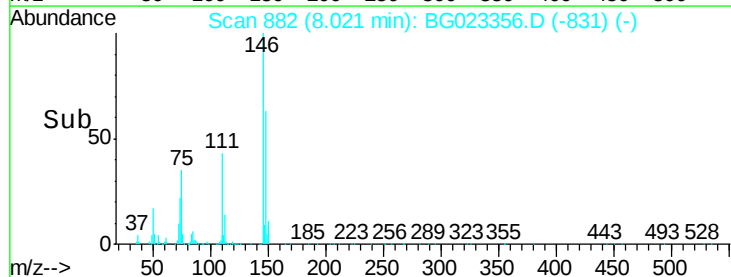
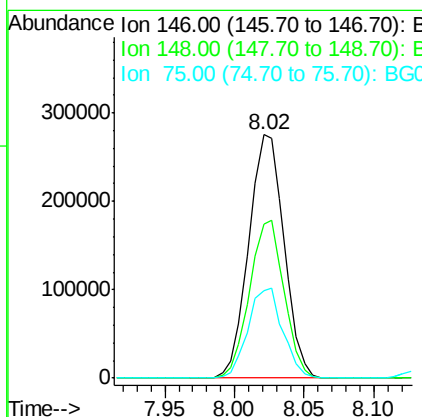
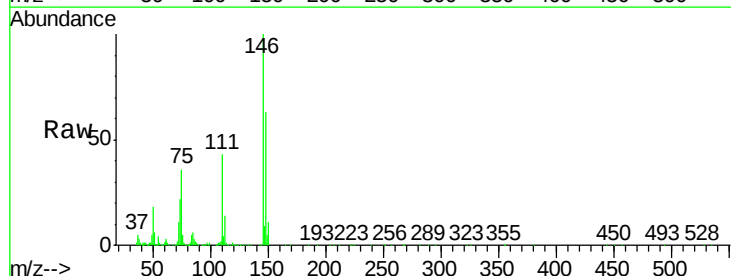
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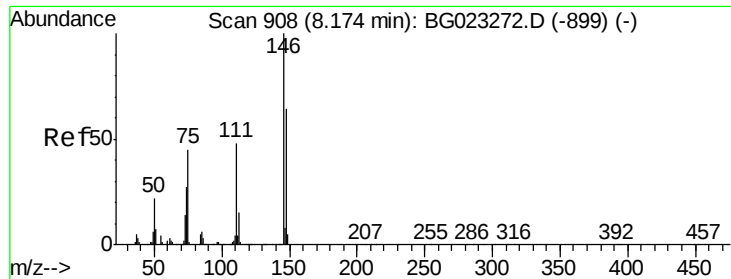
sohil
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#12
1,3-Dichlorobenzene
Concen: 44.15 ng m
RT: 8.02 min Scan# 882
Delta R.T. -0.00 min
Lab File: BG023356.D
Acq: 30 Jul 2016 14:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.3	75.5
75	36.0	37.0	55.6#





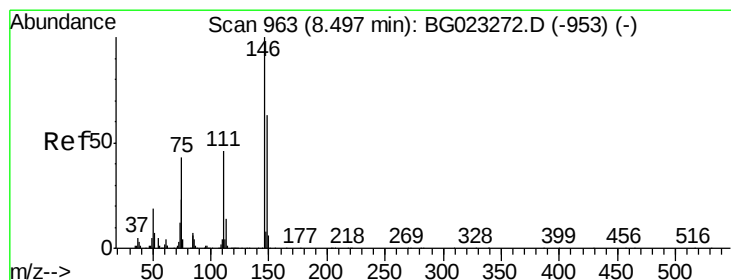
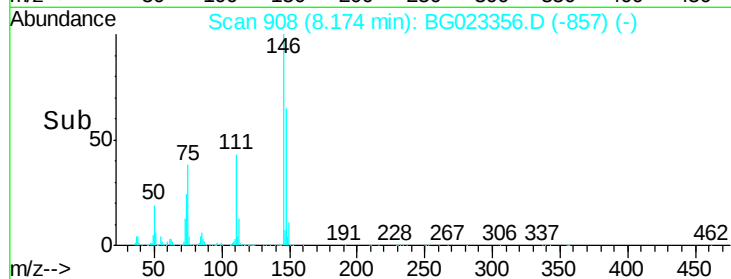
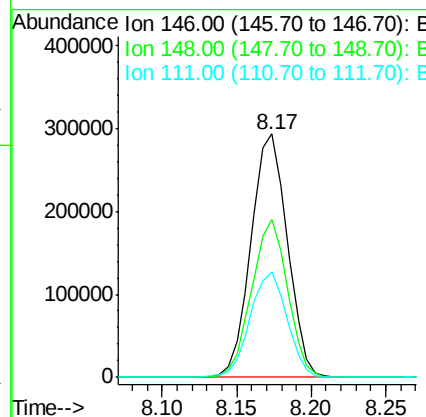
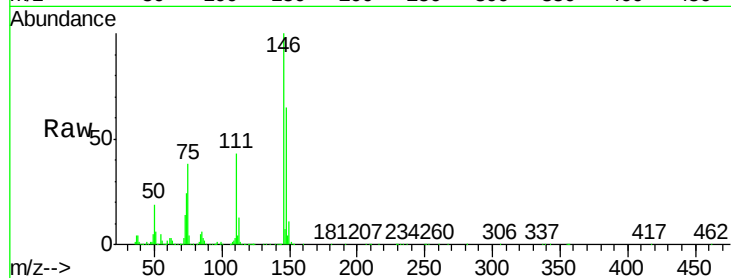
#13
 1,4-Dichlorobenzene
 Concen: 43.96 ng
 RT: 8.17 min Scan# 908
 Delta R.T. -0.00 min
 Lab File: BG023356.D
 Acq: 30 Jul 2016 14:05

Instrument :
 BNA_G
 ClientSampleId :
 PB92565BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	54.5	81.7
111	43.5	37.8	56.8

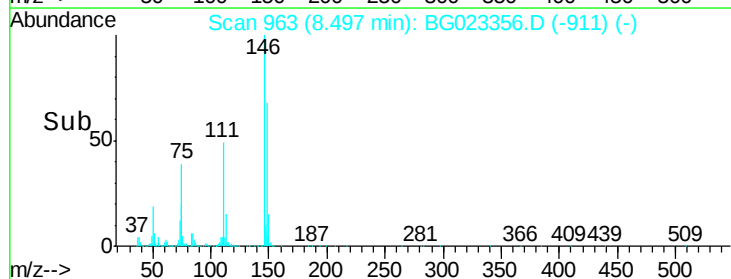
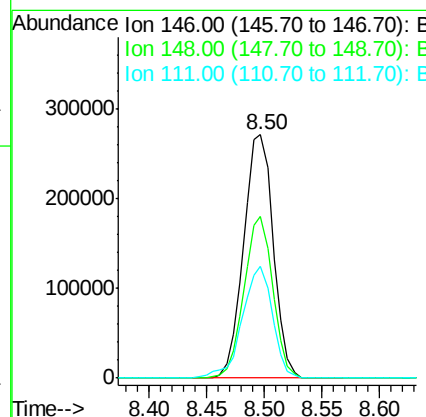
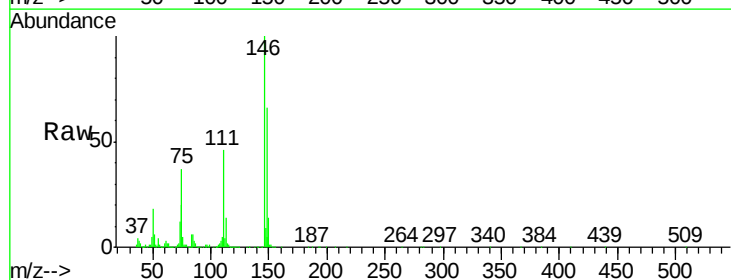
Manual Integrations
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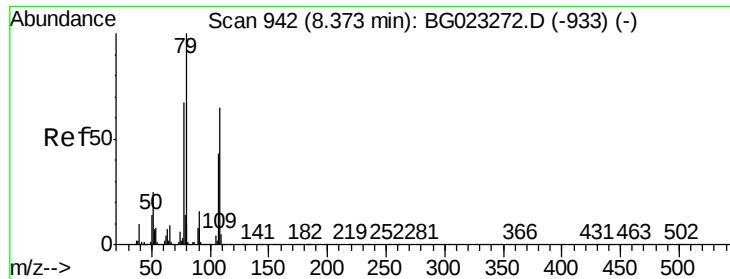
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#14
 1,2-Dichlorobenzene
 Concen: 44.56 ng
 RT: 8.50 min Scan# 963
 Delta R.T. 0.00 min
 Lab File: BG023356.D
 Acq: 30 Jul 2016 14:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.5	52.9	79.3
111	46.2	43.5	65.3





#15

Benzyl Alcohol

Concen: 60.04 ng

RT: 8.38 min Scan# 943

Delta R.T. -0.00 min

Lab File: BG023356.D

Acq: 30 Jul 2016 14:05

Instrument :

BNA_G

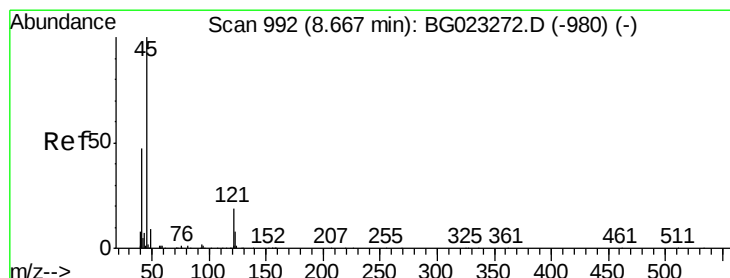
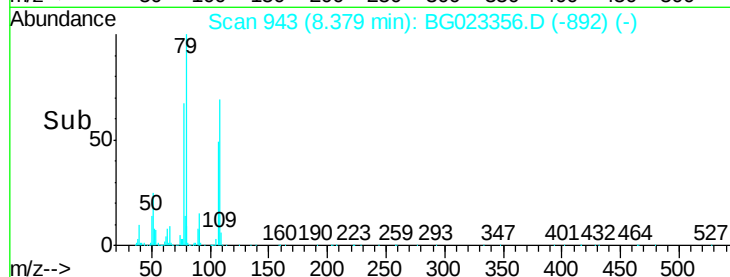
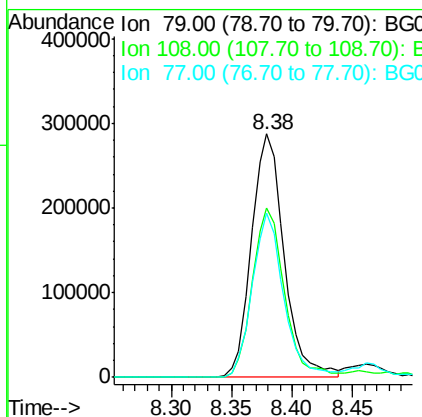
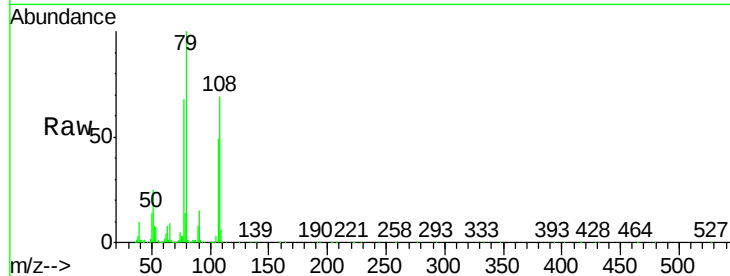
ClientSampleId :

PB92565BS

Tgt Ion:	79	Resp:	542444
Ion Ratio	Lower	Upper	
79	100		
108	69.4	46.5	69.7
77	67.5	52.3	78.5

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.14 ng

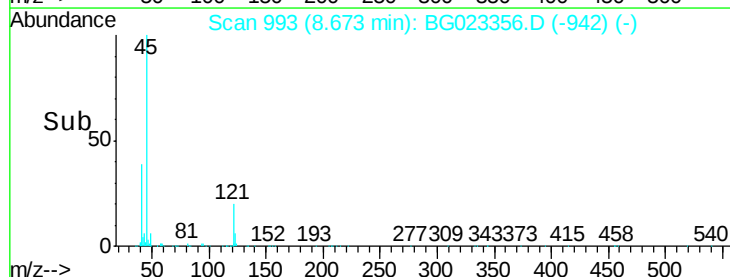
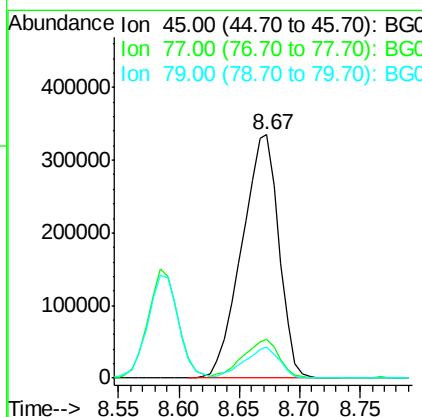
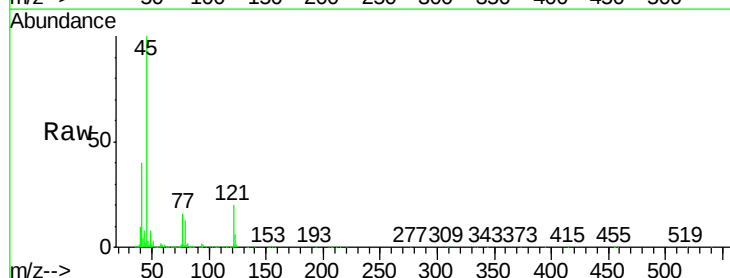
RT: 8.67 min Scan# 993

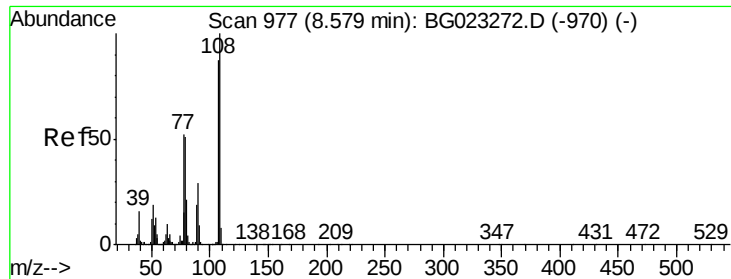
Delta R.T. -0.00 min

Lab File: BG023356.D

Acq: 30 Jul 2016 14:05

Tgt Ion:	45	Resp:	711598
Ion Ratio	Lower	Upper	
45	100		
77	16.0	0.6	40.6
79	12.9	0.0	36.2





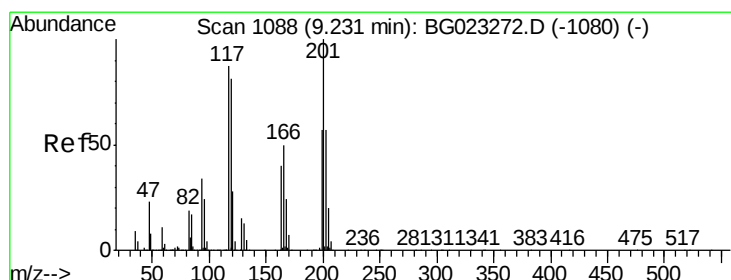
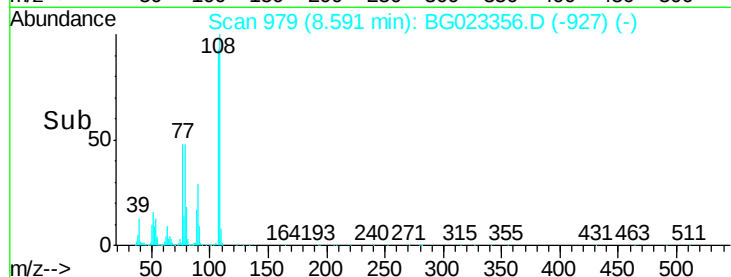
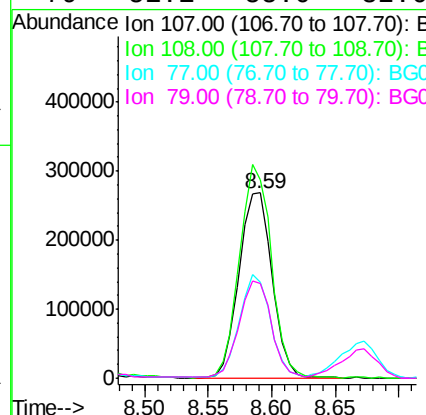
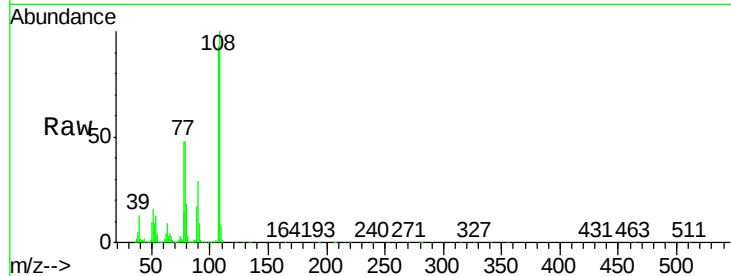
#17
2-Methylphenol
Concen: 49.94 ng
RT: 8.59 min Scan# 979
Delta R.T. 0.00 min
Lab File: BG023356.D
Acq: 30 Jul 2016 14:05

Instrument :
BNA_G
ClientSampleId :
PB92565BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	107.0	92.0	138.0	
77	51.8	55.8	83.6	
79	51.1	55.0	82.6	

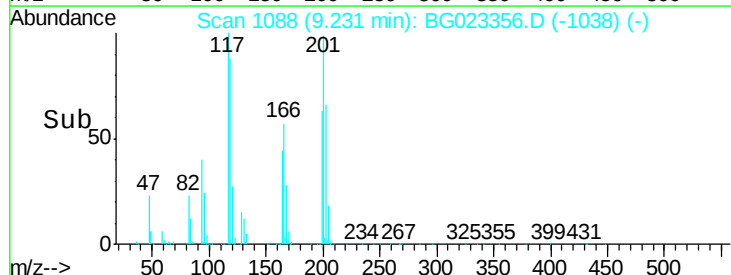
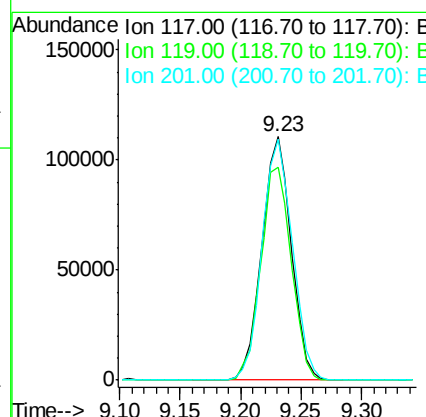
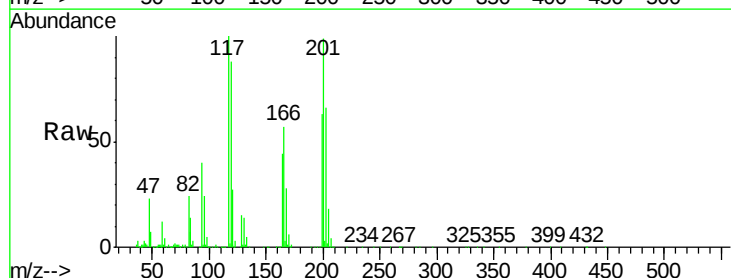
Manual Integrations
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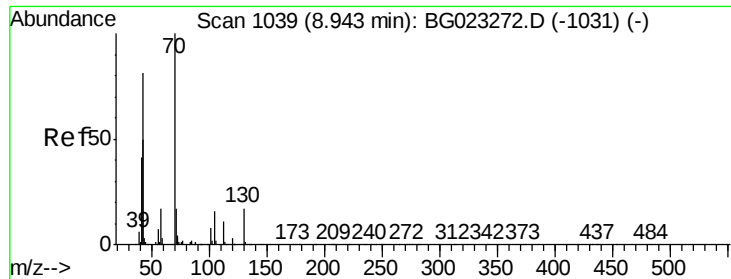
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#18
Hexachloroethane
Concen: 40.10 ng
RT: 9.23 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BG023356.D
Acq: 30 Jul 2016 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	87.7	73.7	110.5	
201	99.2	88.7	133.1	





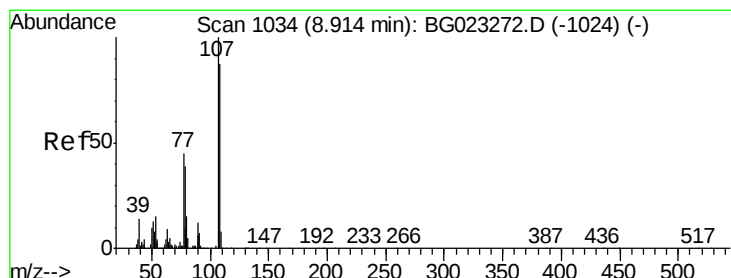
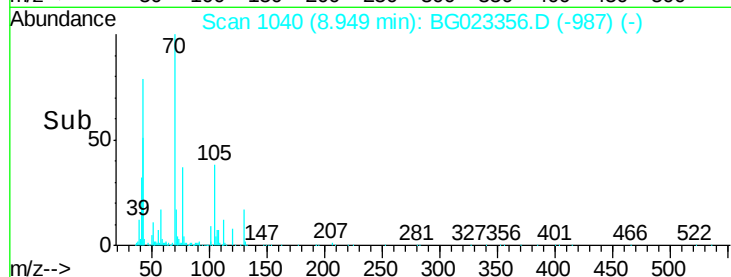
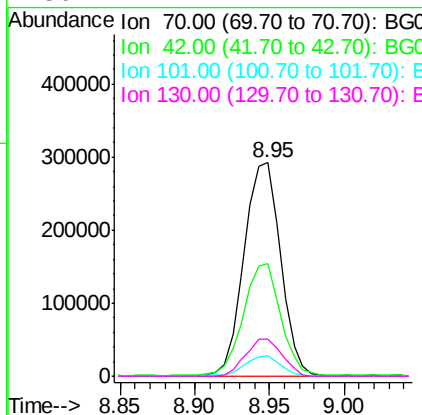
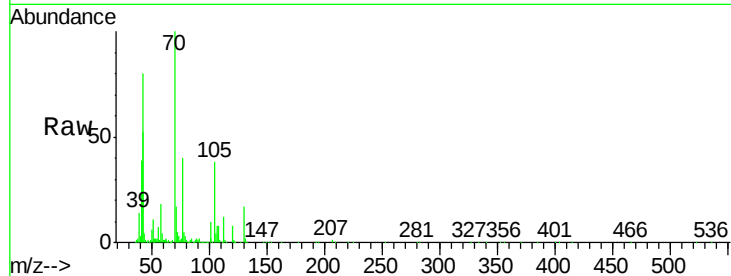
#19
n-Nitroso-di-n-propylamine
Concen: 40.85 ng
RT: 8.95 min Scan# 1040
Delta R.T. 0.01 min
Lab File: BG023356.D
Acq: 30 Jul 2016 14:05

Instrument :
BNA_G
ClientSampleId :
PB92565BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	52.5	42.1	63.1
101	9.6	7.2	10.8
130	17.4	14.2	21.2

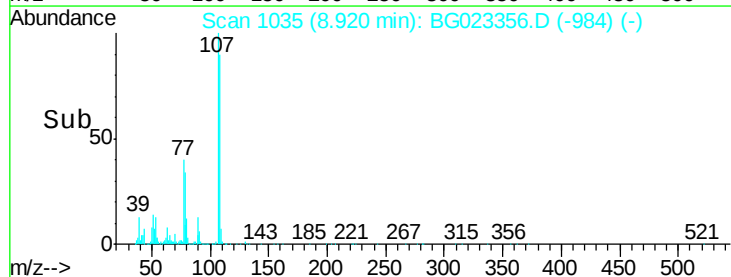
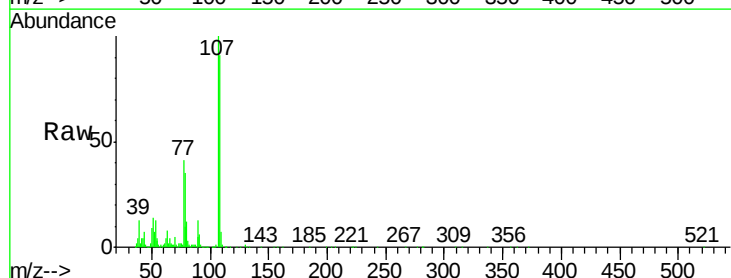
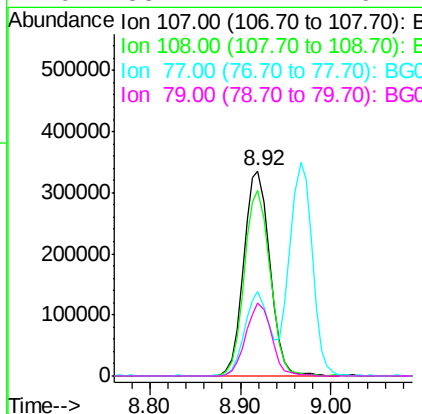
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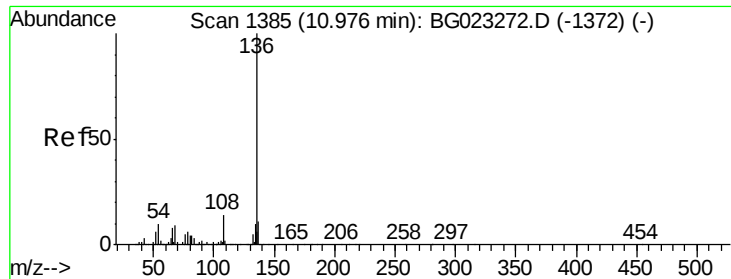
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#20
3+4-Methylphenols
Concen: 50.83 ng
RT: 8.92 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BG023356.D
Acq: 30 Jul 2016 14:05

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.9	72.5	112.5
77	41.1	30.1	70.1
79	35.4	24.2	64.2





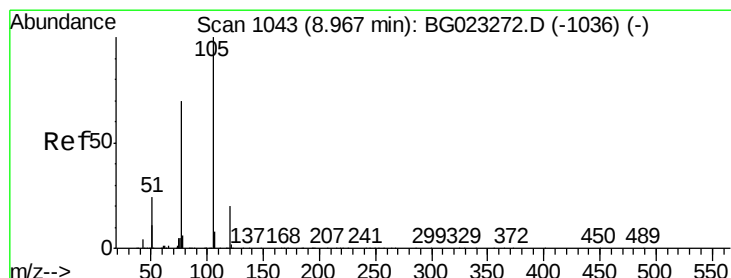
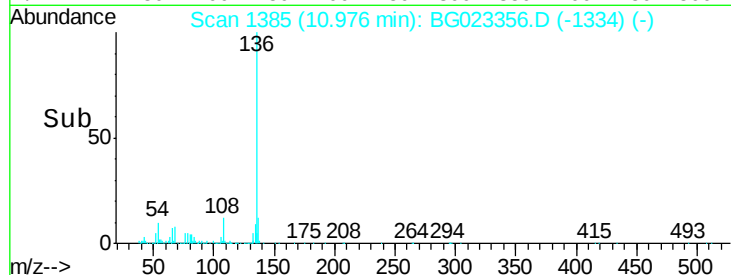
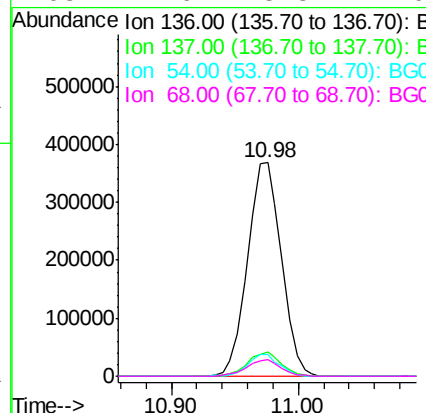
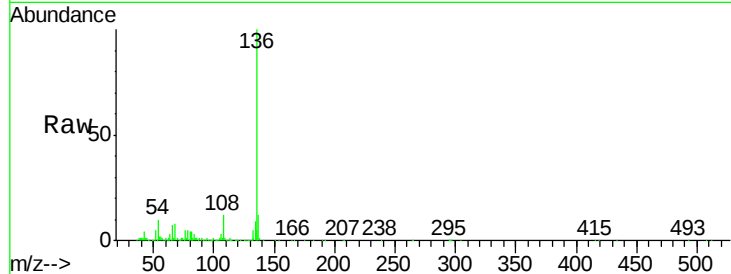
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1385
Delta R.T. -0.00 min
Lab File: BG023356.D
Acq: 30 Jul 2016 14:05

Instrument :
BNA_G
ClientSampleId :
PB92565BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	682206		
137	11.5	9.6	14.4	
54	9.9	7.3	10.9	
68	7.6	5.3	7.9	

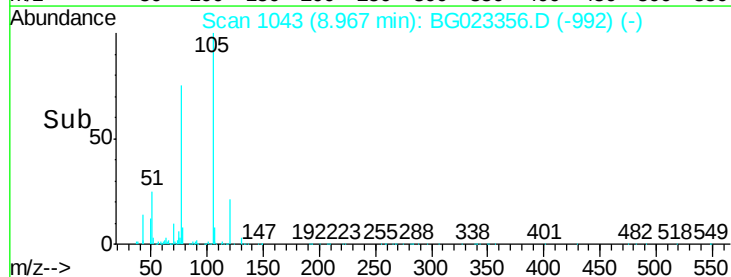
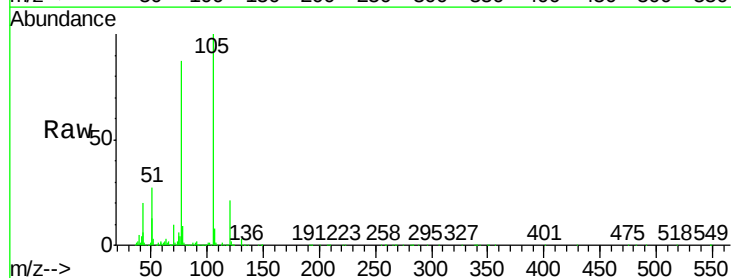
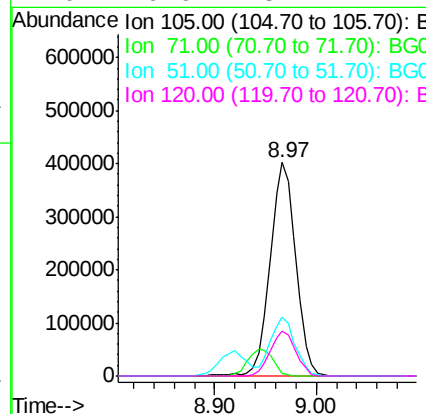
Manual Integrations
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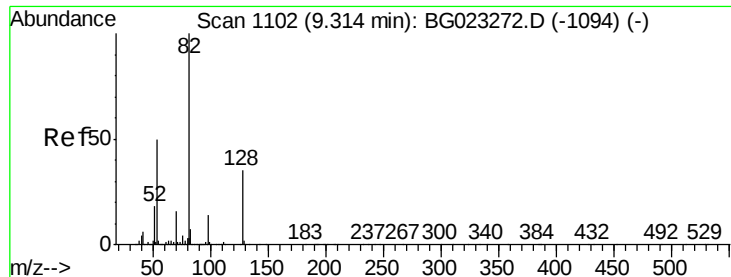
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#22
Acetophenone
Concen: 39.87 ng
RT: 8.97 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BG023356.D
Acq: 30 Jul 2016 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	710075		
71	1.5	2.6	3.8#	
51	27.4	27.1	40.7	
120	20.9	15.1	22.7	





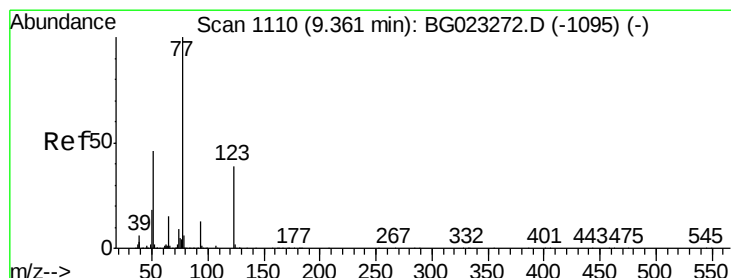
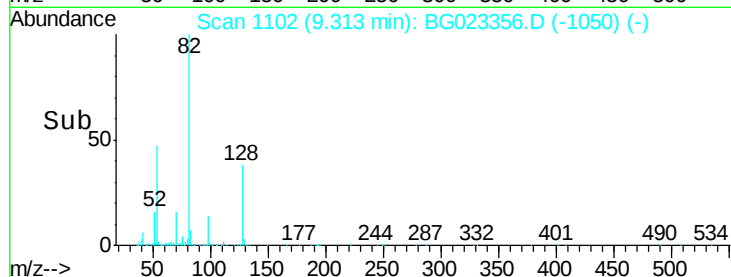
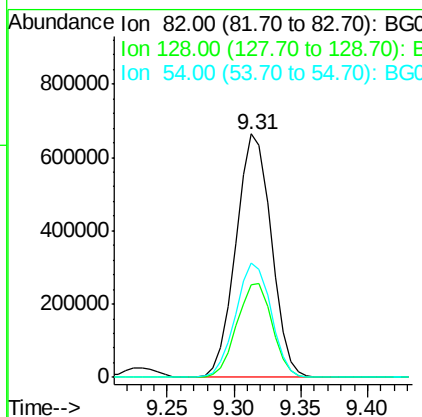
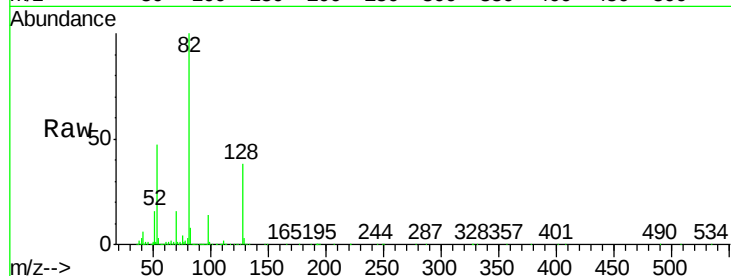
#23
 Nitrobenzene-d5
 Concen: 87.13 ng
 RT: 9.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: BG023356.D
 Acq: 30 Jul 2016 14:05

Instrument :
 BNA_G
 ClientSampleId :
 PB92565BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.2	24.4	36.6#
54	47.2	41.4	62.0

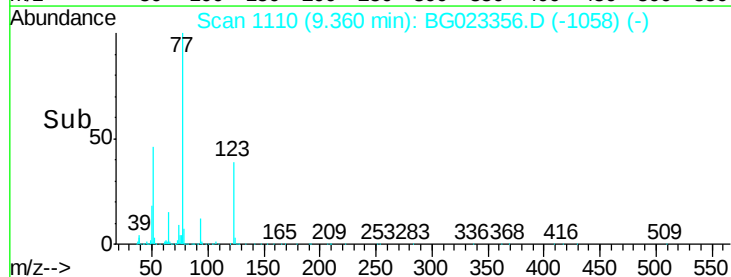
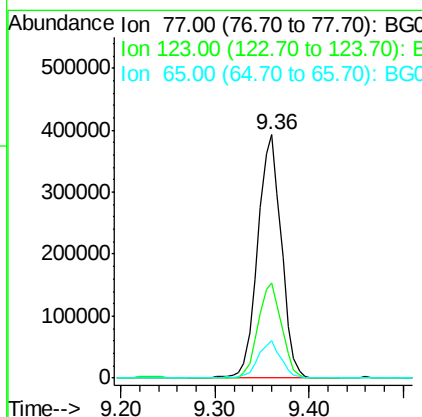
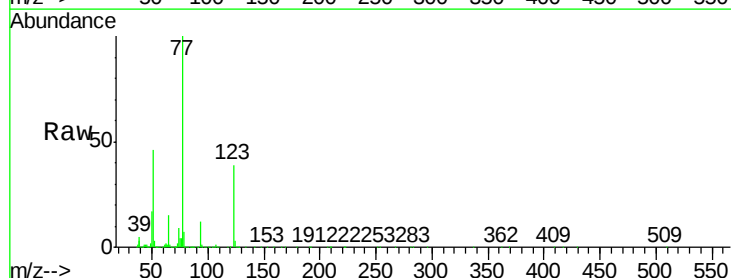
Manual Integrations
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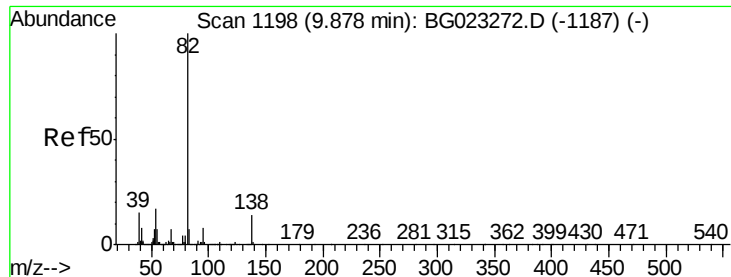
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#24
 Nitrobenzene
 Concen: 41.90 ng
 RT: 9.36 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: BG023356.D
 Acq: 30 Jul 2016 14:05

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.2	25.0	37.6#
65	15.4	13.4	20.0





#25

Isophorone

Concen: 48.55 ng

RT: 9.88 min Scan# 1199

Delta R.T. 0.00 min

Lab File: BG023356.D

Acq: 30 Jul 2016 14:05

Instrument :

BNA_G

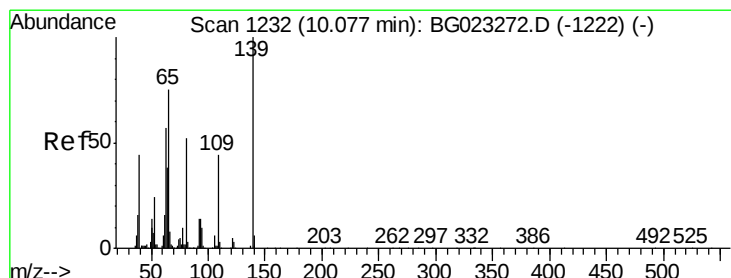
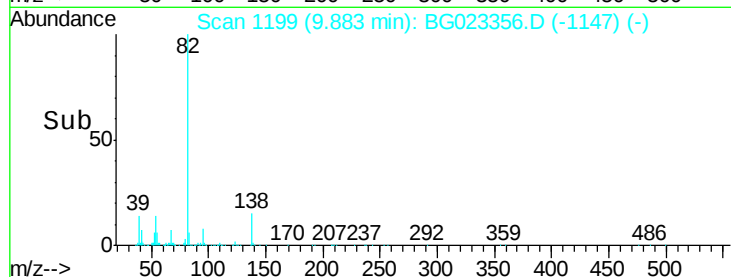
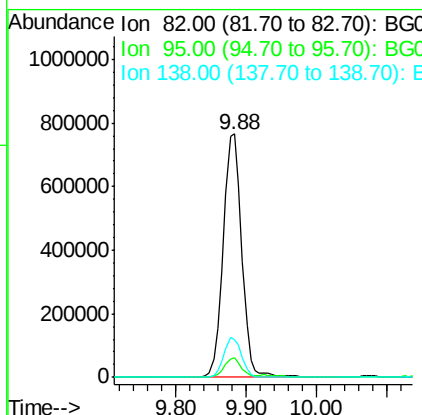
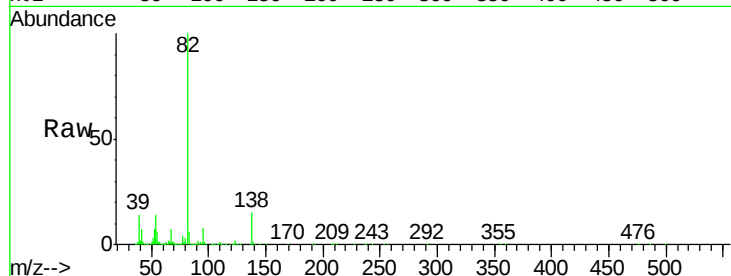
ClientSampleId :

PB92565BS

Tgt Ion	Ratio	Lower	Upper
82	100		
95	8.3	8.2	12.2
138	15.4	10.7	16.1

Manual Integrations
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#26

2-Nitrophenol

Concen: 48.88 ng

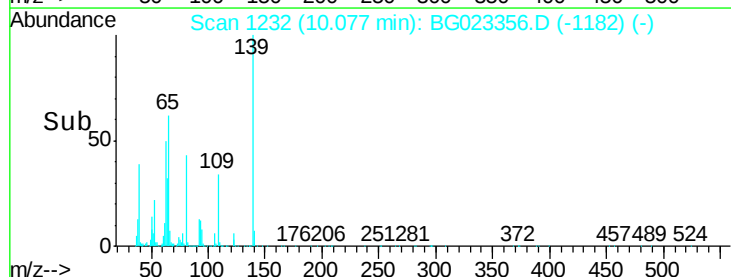
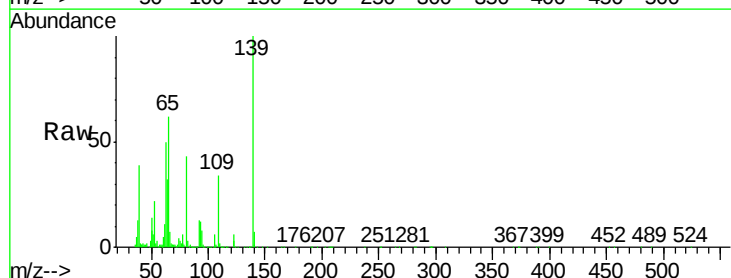
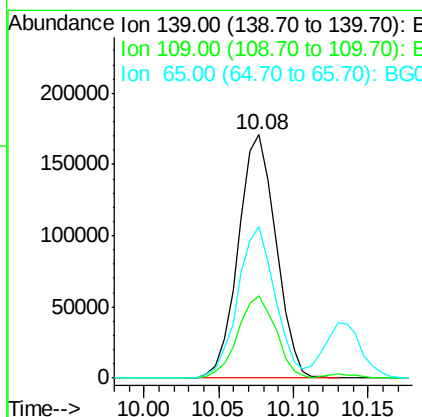
RT: 10.08 min Scan# 1232

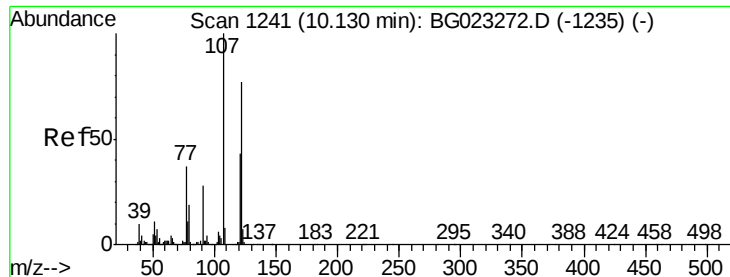
Delta R.T. -0.01 min

Lab File: BG023356.D

Acq: 30 Jul 2016 14:05

Tgt Ion	Ratio	Lower	Upper
139	100		
109	33.8	43.5	65.3#
65	62.3	64.3	96.5#





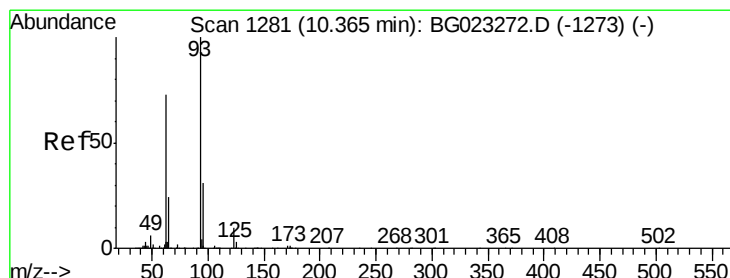
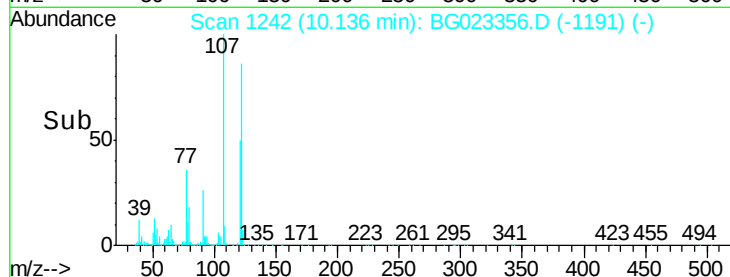
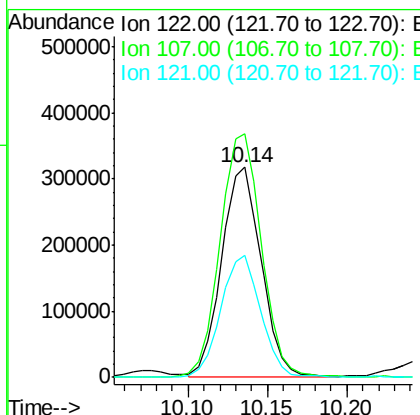
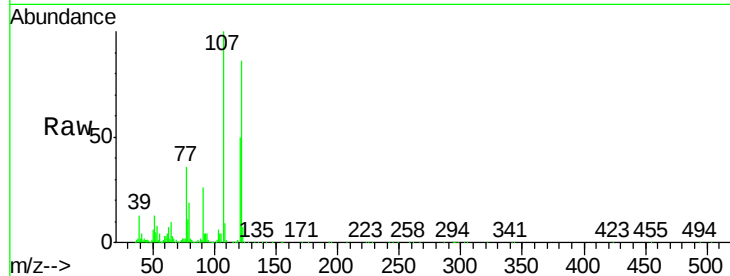
#27
 2,4-Dimethylphenol
 Concen: 52.97 ng
 RT: 10.14 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: BG023356.D
 Acq: 30 Jul 2016 14:05

Instrument :
 BNA_G
 ClientSampleId :
 PB92565BS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	116.0	117.0	175.4#
121	58.1	50.1	75.1

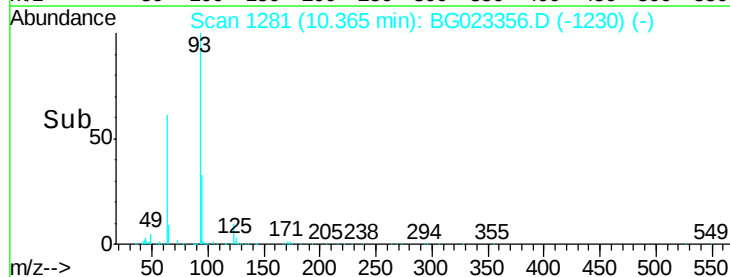
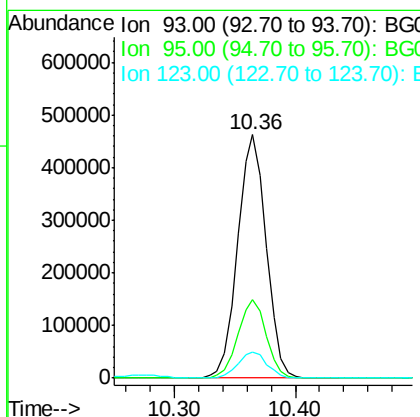
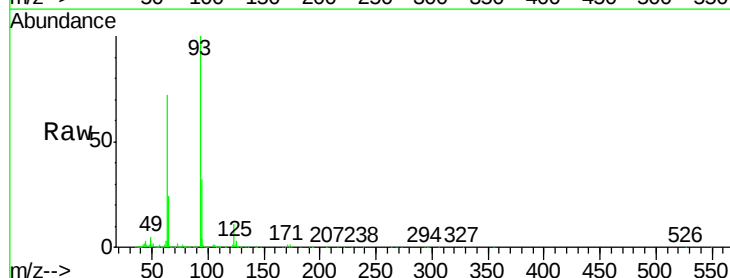
Manual Integrations
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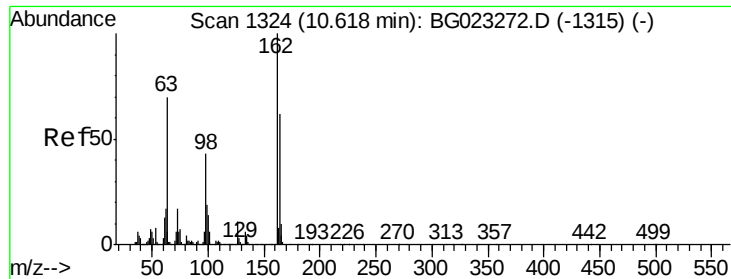
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#28
 bis(2-Chloroethoxy)methane
 Concen: 46.99 ng
 RT: 10.36 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: BG023356.D
 Acq: 30 Jul 2016 14:05

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.4	38.2
123	10.5	8.2	12.2





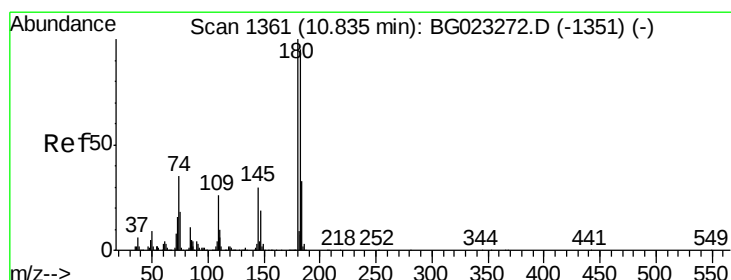
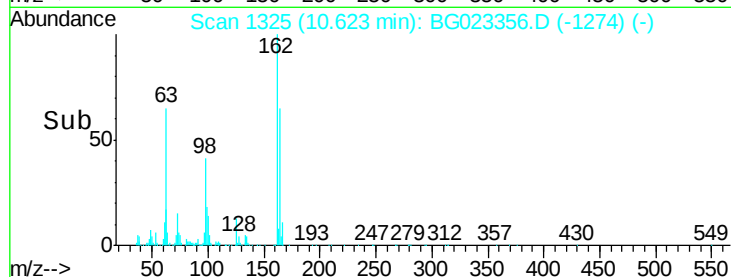
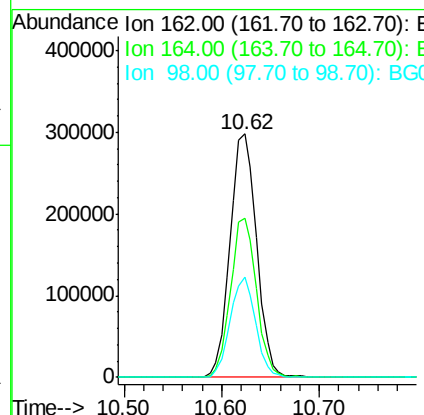
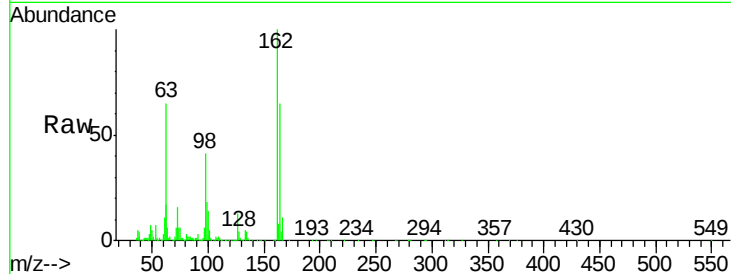
#29
2,4-Dichlorophenol
Concen: 56.38 ng
RT: 10.62 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BG023356.D
Acq: 30 Jul 2016 14:05

Instrument :
BNA_G
ClientSampleId :
PB92565BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	65.4	44.3	84.3
98	41.0	19.5	59.5

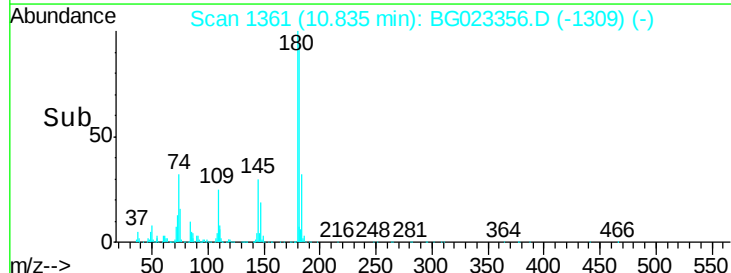
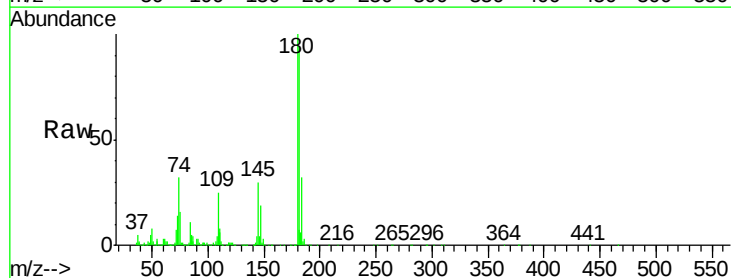
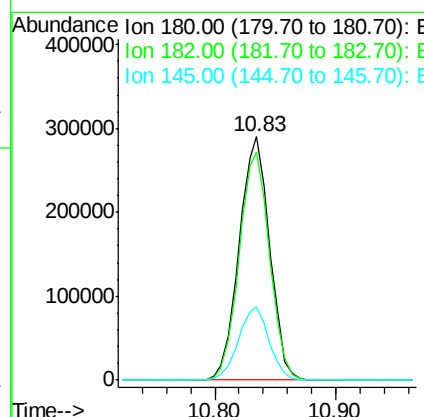
Manual Integrations
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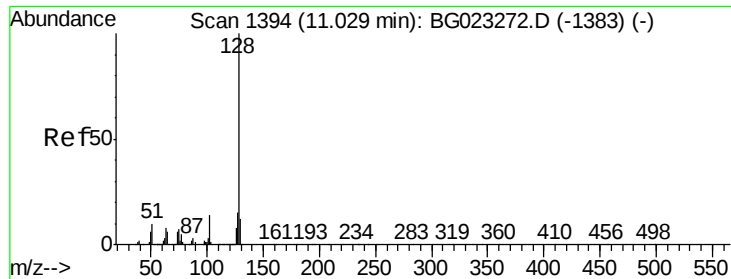
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#30
1,2,4-Trichlorobenzene
Concen: 46.09 ng
RT: 10.83 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BG023356.D
Acq: 30 Jul 2016 14:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.0	73.8	110.8
145	30.1	24.4	36.6





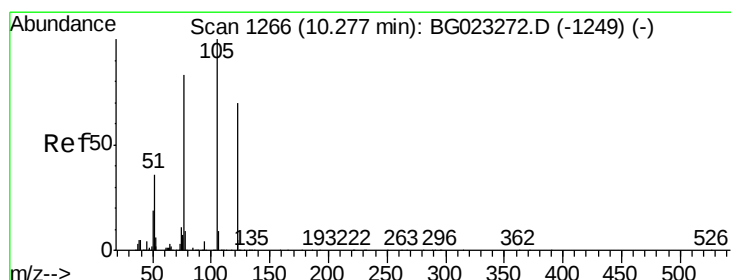
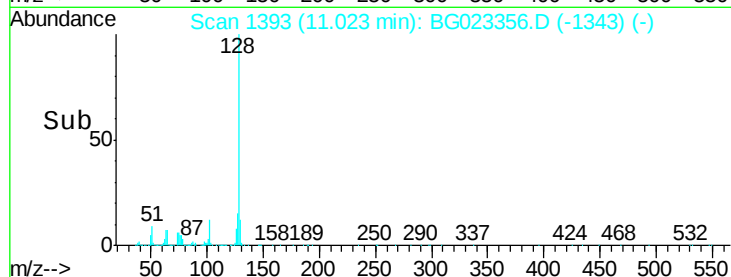
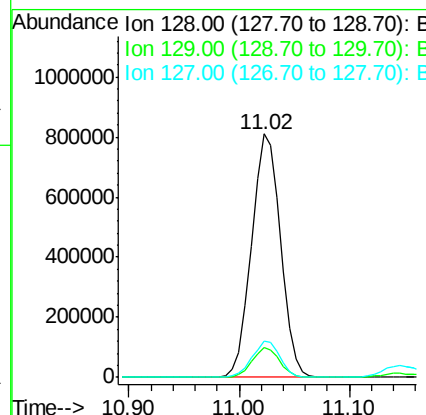
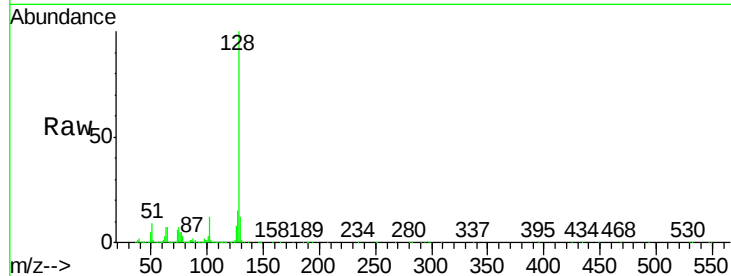
#31
Naphthalene
Concen: 47.10 ng
RT: 11.02 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BG023356.D
Acq: 30 Jul 2016 14:05

Instrument :
BNA_G
ClientSampleId :
PB92565BS

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.4	14.0
127	14.8	11.3	16.9

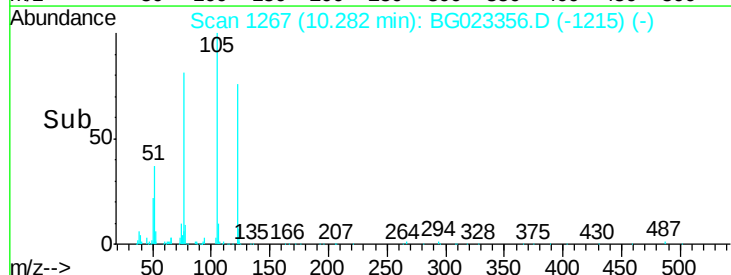
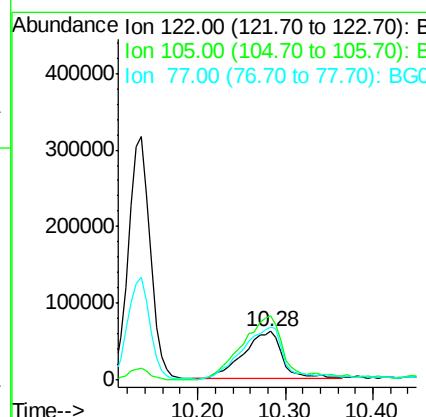
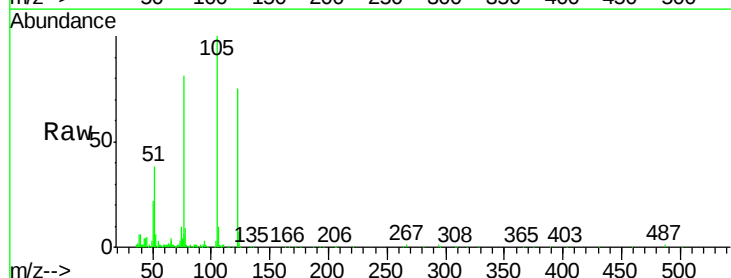
Manual Integrations
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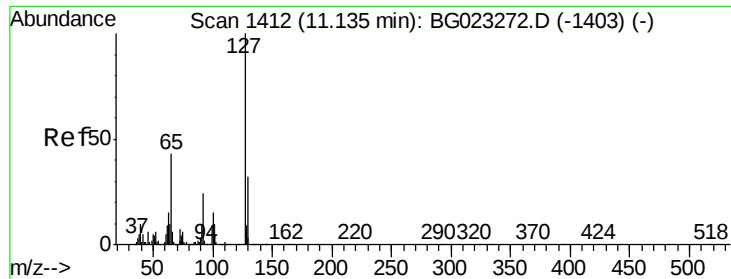
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#32
Benzoic acid
Concen: 27.26 ng
RT: 10.28 min Scan# 1267
Delta R.T. 0.01 min
Lab File: BG023356.D
Acq: 30 Jul 2016 14:05

Tgt Ion	Ratio	Lower	Upper
122	100		
105	133.5	117.2	157.2
77	108.5	109.2	149.2





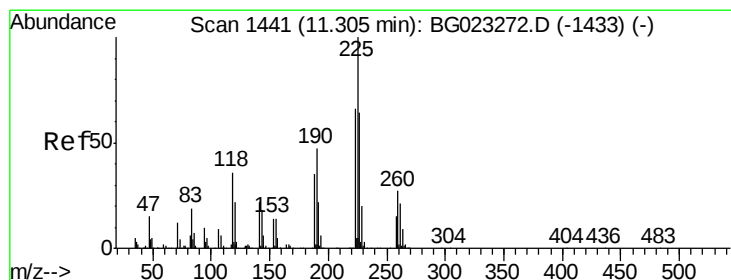
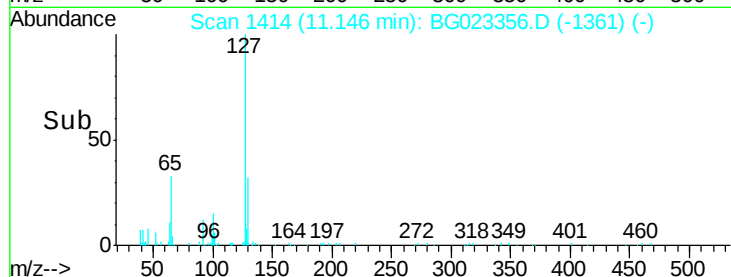
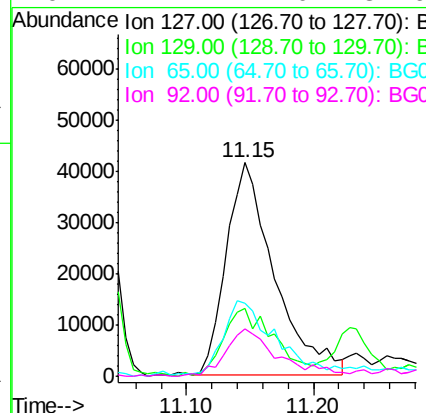
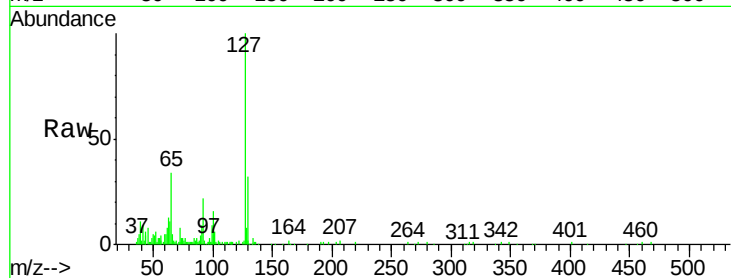
#33
4-Chloroaniline
Concen: 7.41 ng
RT: 11.15 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BG023356.D
Acq: 30 Jul 2016 14:05

Instrument :
BNA_G
ClientSampleId :
PB92565BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	31.9	27.9	41.9
65	34.3	36.8	55.2
92	22.1	21.0	31.6

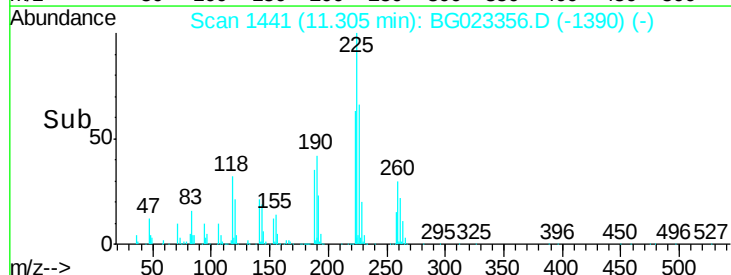
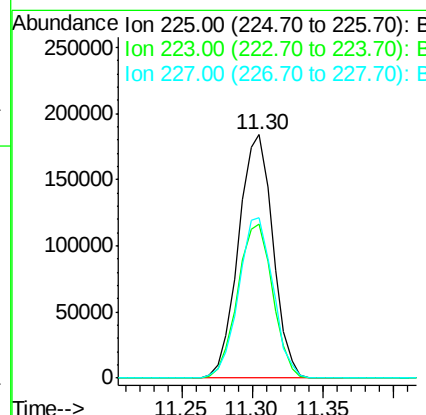
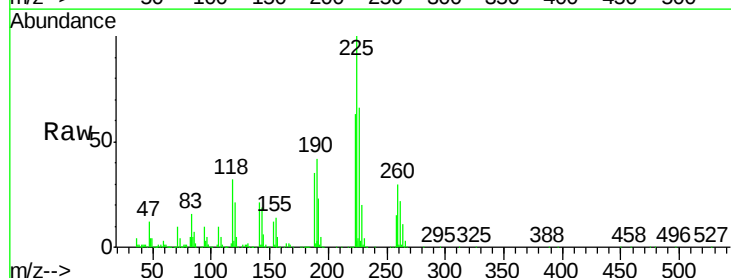
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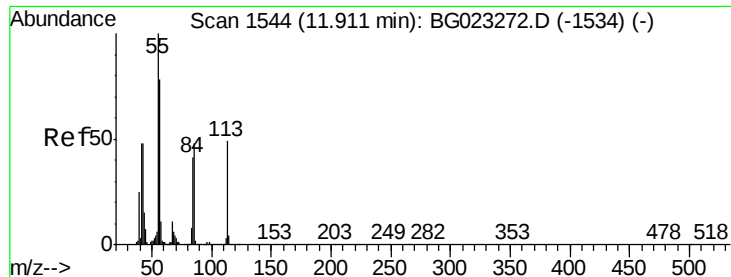
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#34
Hexachlorobutadiene
Concen: 43.43 ng
RT: 11.30 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BG023356.D
Acq: 30 Jul 2016 14:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	63.0	49.6	74.4
227	66.1	54.5	81.7





#35

Caprolactam

Concen: 54.50 ng m

RT: 11.96 min Scan# 1553

Delta R.T. 0.07 min

Lab File: BG023356.D

Acq: 30 Jul 2016 14:05

Instrument :

BNA_G

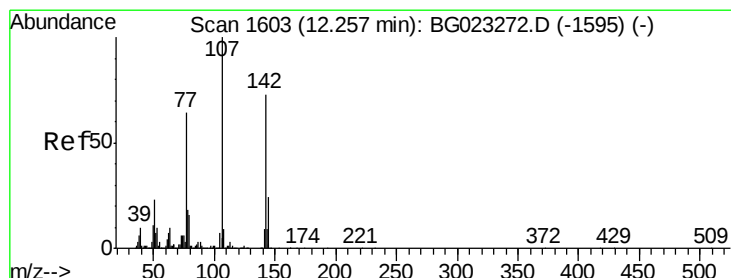
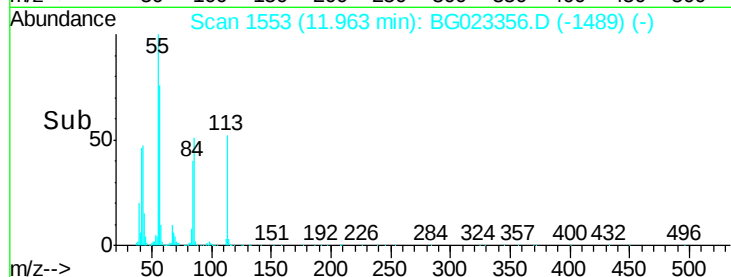
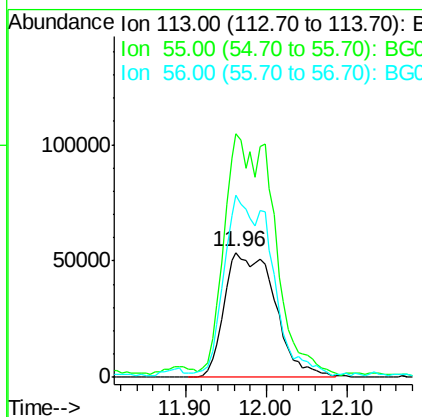
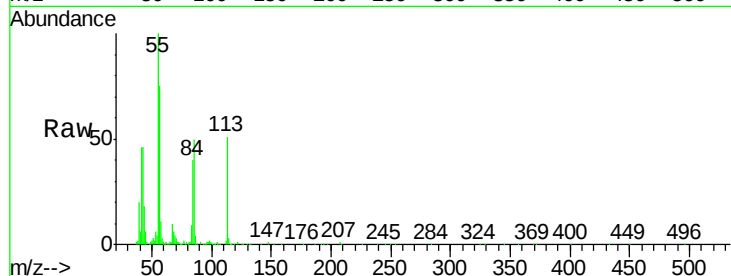
ClientSampleId :

PB92565BS

Tgt Ion	Ratio	Lower	Upper
113	100		
55	194.8	154.5	194.5#
56	146.2	125.1	165.1

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 53.75 ng

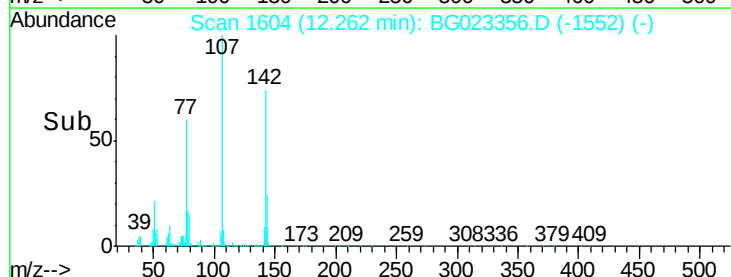
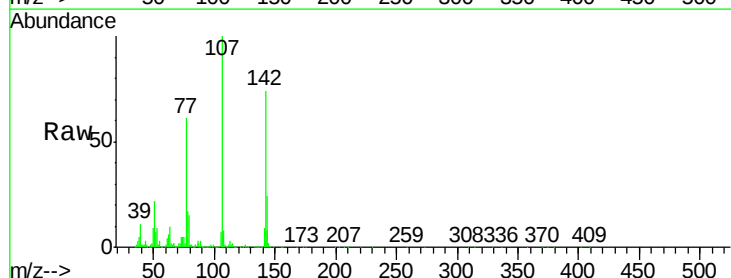
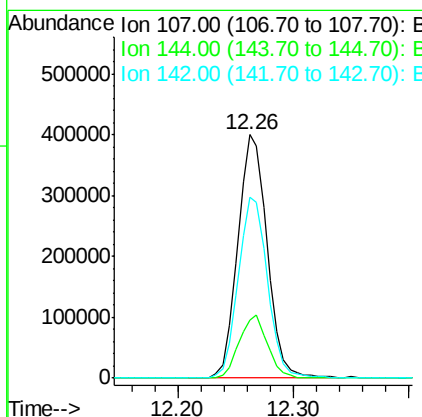
RT: 12.26 min Scan# 1604

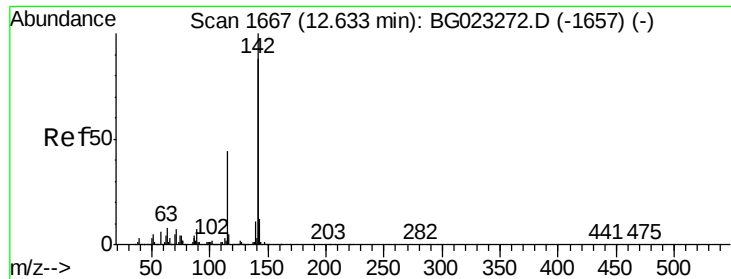
Delta R.T. 0.00 min

Lab File: BG023356.D

Acq: 30 Jul 2016 14:05

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.9	17.0	25.6
142	74.3	53.0	79.6





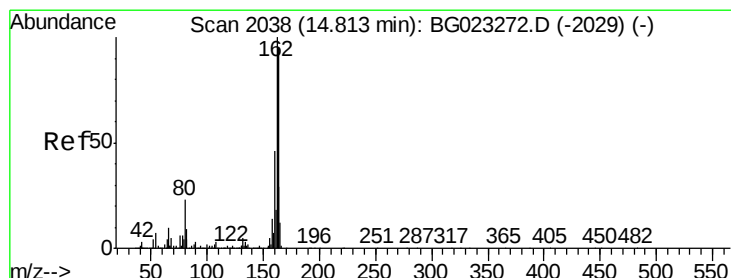
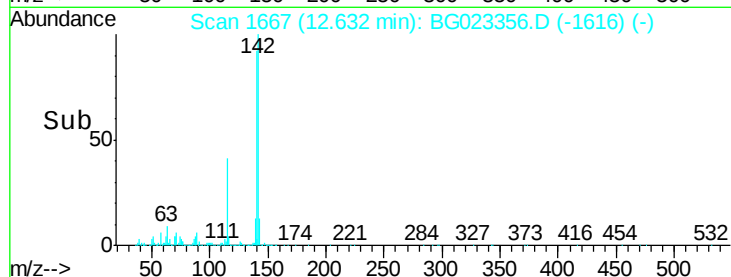
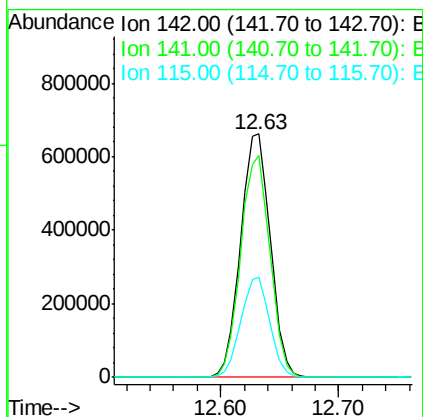
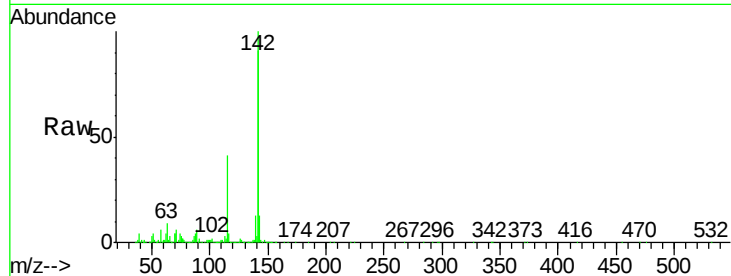
#37
2-Methylnaphthalene
Concen: 49.62 ng m
RT: 12.63 min Scan# 1667
Delta R.T. -0.00 min
Lab File: BG023356.D
Acq: 30 Jul 2016 14:05

Instrument :
BNA_G
ClientSampleId :
PB92565BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	70.2	105.2
115	41.3	41.7	62.5#

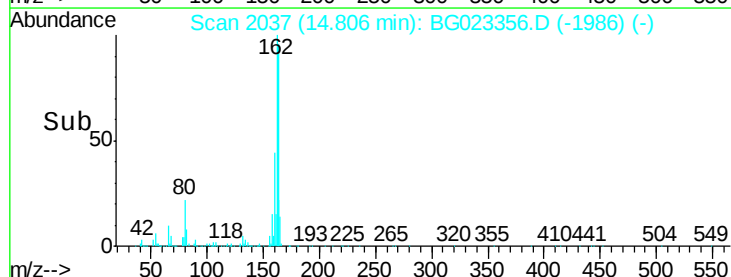
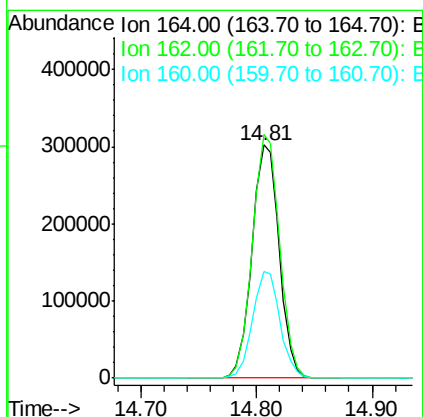
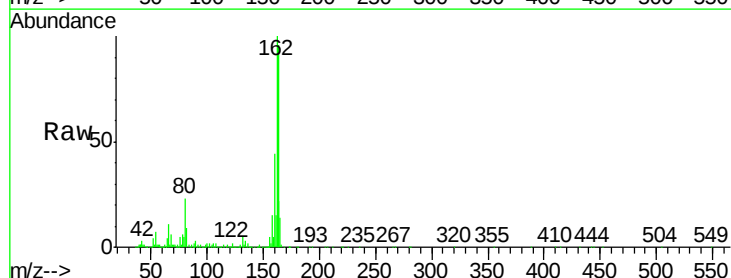
Manual Integrations
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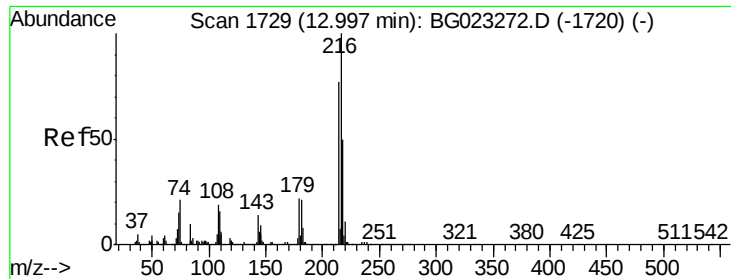
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.81 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BG023356.D
Acq: 30 Jul 2016 14:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.5	87.7	131.5
160	45.9	37.2	55.8





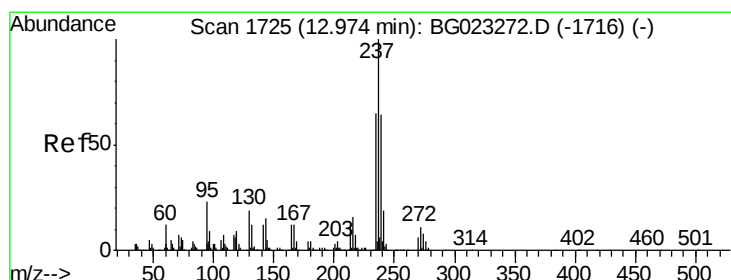
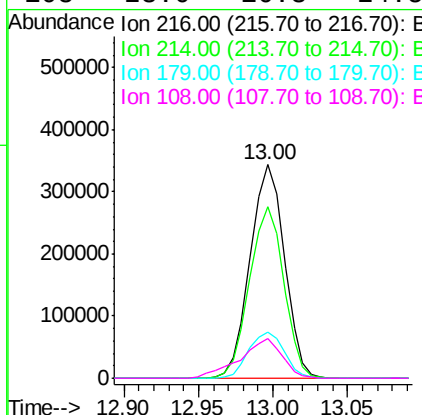
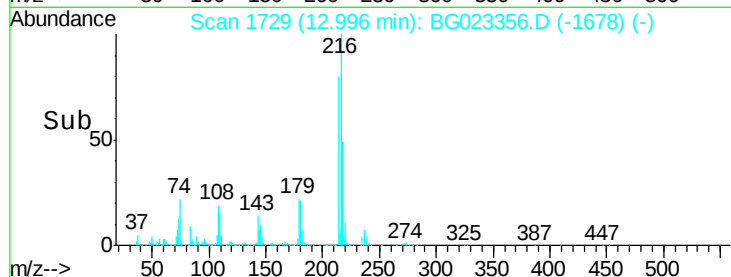
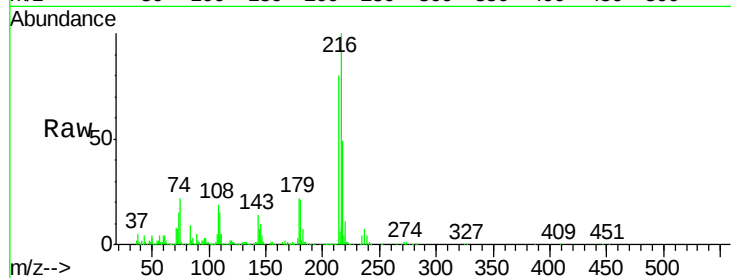
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.17 ng
 RT: 13.00 min Scan# 1729
 Delta R.T. -0.00 min
 Lab File: BG023356.D
 Acq: 30 Jul 2016 14:05

Instrument :
 BNA_G
 ClientSampled :
 PB92565BS

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	547221		
214	80.1	62.9	94.3	
179	22.4	17.2	25.8	
108	23.0	16.3	24.5	

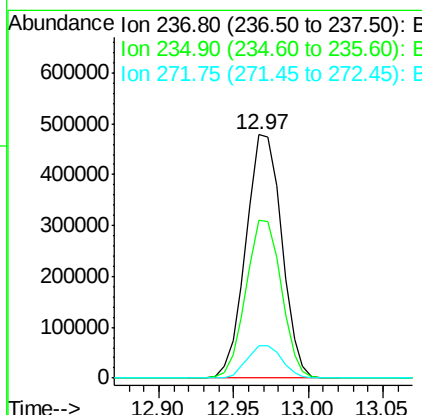
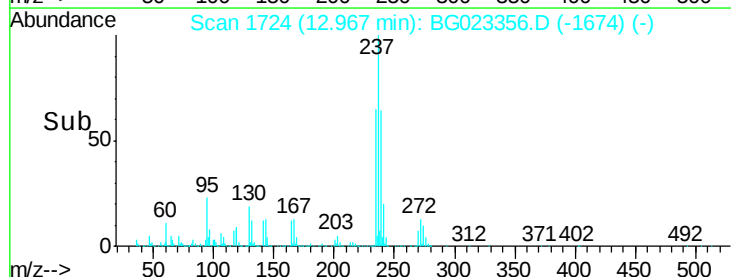
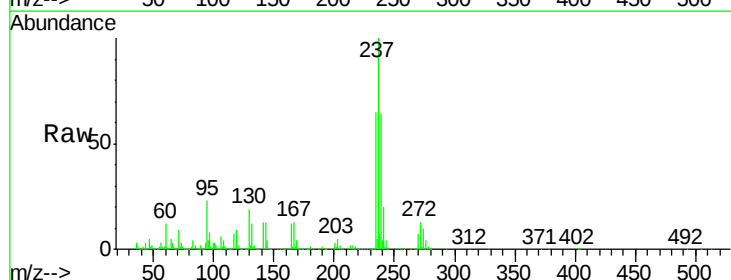
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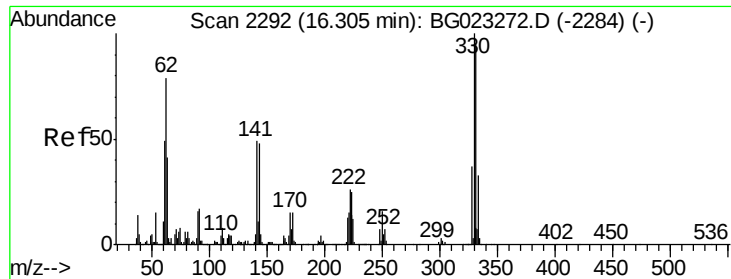
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#40
 Hexachlorocyclopentadiene
 Concen: 104.47 ng
 RT: 12.97 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BG023356.D
 Acq: 30 Jul 2016 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	792725		
235	64.8	43.1	83.1	
272	13.1	0.0	30.9	





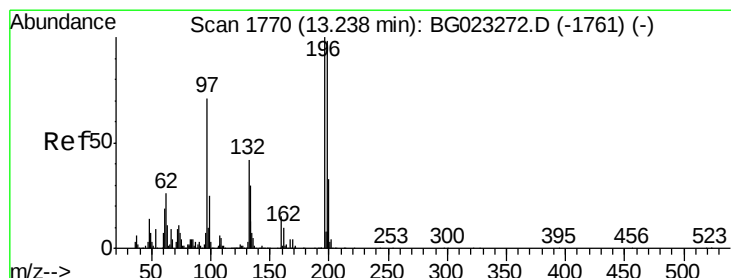
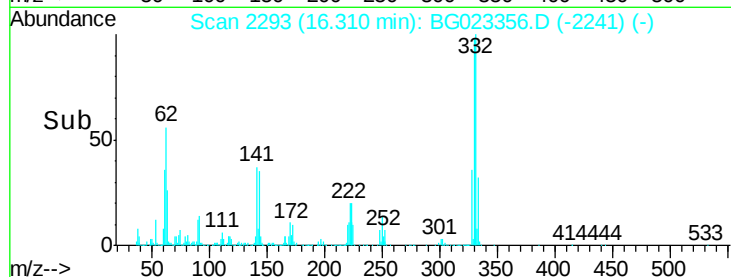
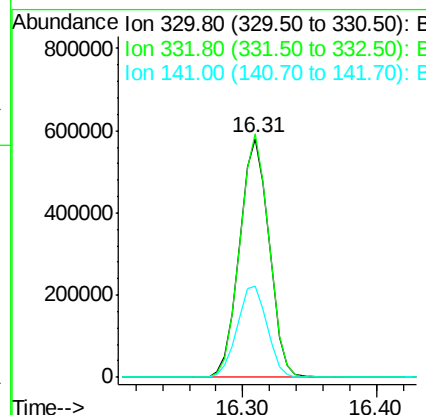
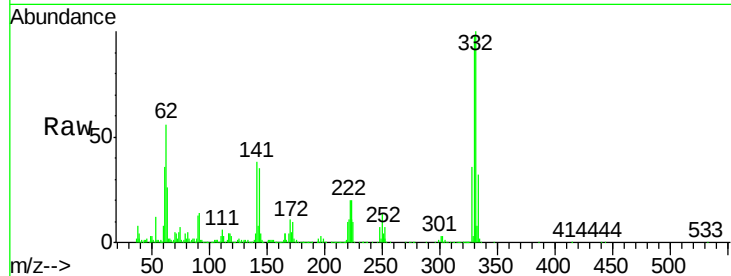
#41
 2,4,6-Tribromophenol
 Concen: 174.70 ng
 RT: 16.31 min Scan# 2293
 Delta R.T. 0.00 min
 Lab File: BG023356.D
 Acq: 30 Jul 2016 14:05

Instrument :
 BNA_G
 ClientSampleId :
 PB92565BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	894417		
332	99.9	77.4	116.2	
141	39.3	31.7	47.5	

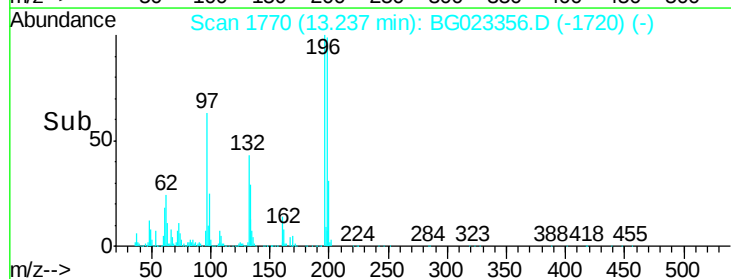
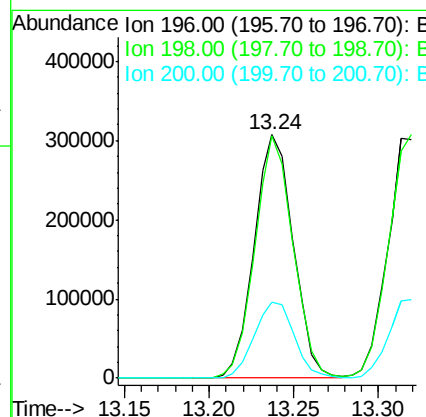
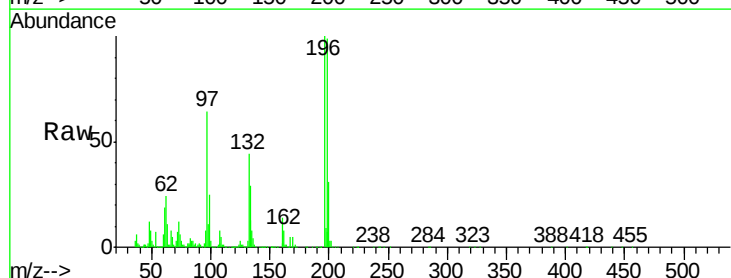
Manual Integrations
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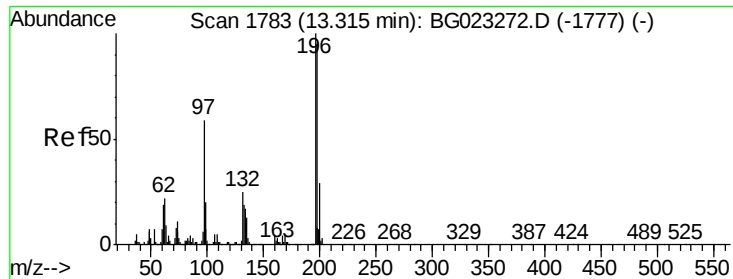
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#42
 2,4,6-Trichlorophenol
 Concen: 52.49 ng
 RT: 13.24 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: BG023356.D
 Acq: 30 Jul 2016 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	493714		
198	99.4	78.2	117.2	
200	31.3	27.0	40.4	





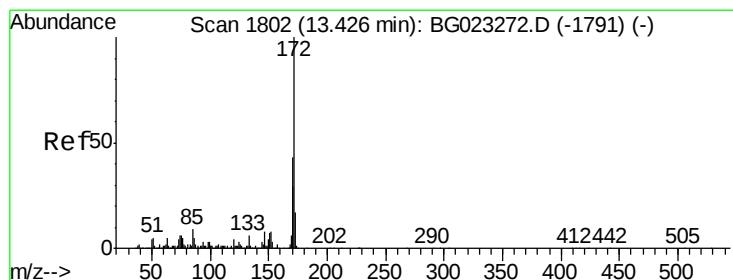
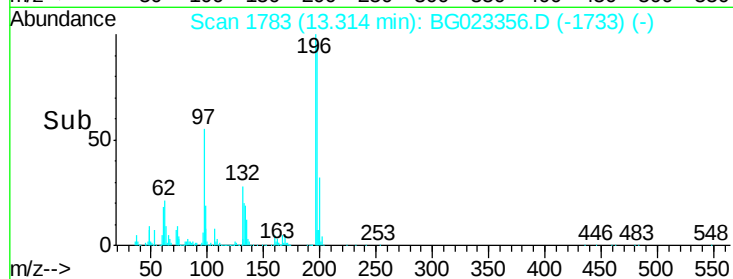
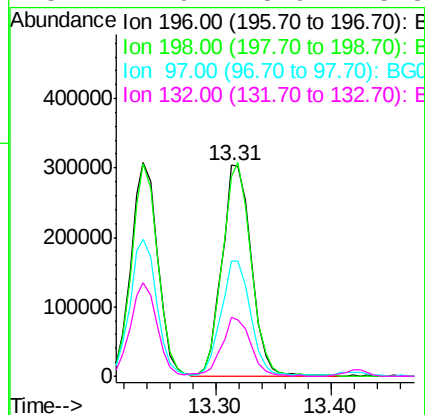
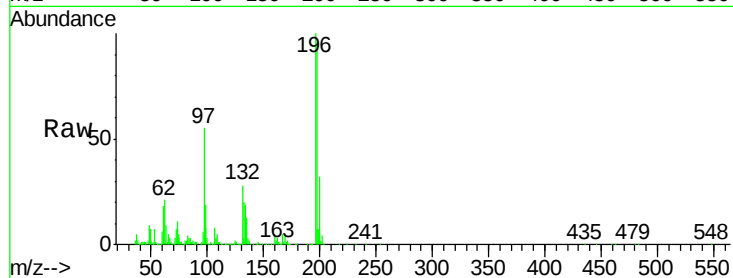
#43
 2,4,5-Trichlorophenol
 Concen: 53.47 ng
 RT: 13.31 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: BG023356.D
 Acq: 30 Jul 2016 14:05

Instrument :
 BNA_G
 ClientSampleId :
 PB92565BS

Tgt Ion:	196	Resp:	533492
Ion Ratio	Lower	Upper	
196	100		
198	94.6	85.7	128.5
97	54.9	45.5	68.3
132	27.9	18.9	28.3

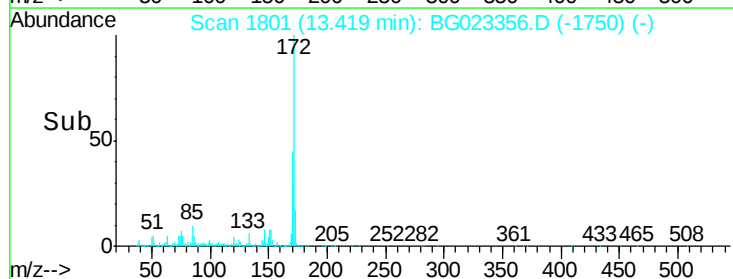
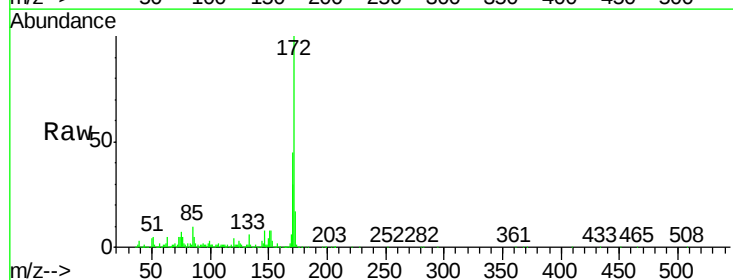
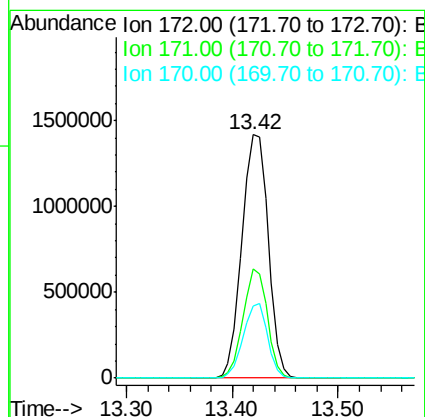
Manual Integrations
 APPROVED

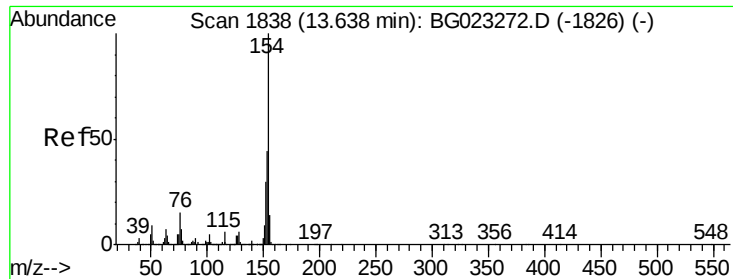
sohil
 8/1/2016 7:12:13 PM



#44
 2-Fluorobiphenyl
 Concen: 92.61 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: BG023356.D
 Acq: 30 Jul 2016 14:05

Tgt Ion:	172	Resp:	2447662
Ion Ratio	Lower	Upper	
172	100		
171	45.0	31.6	47.4
170	29.8	21.3	31.9





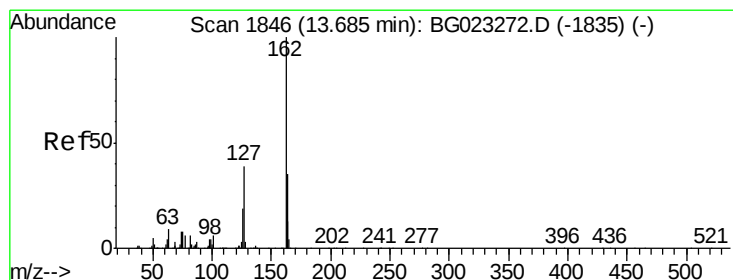
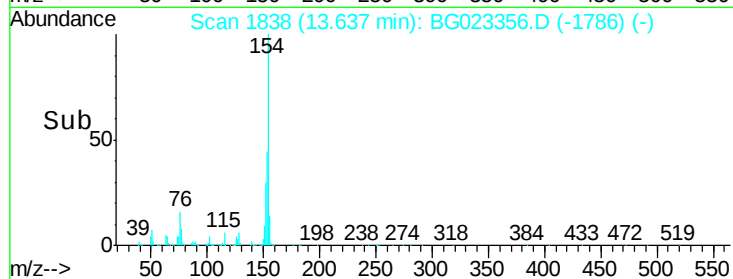
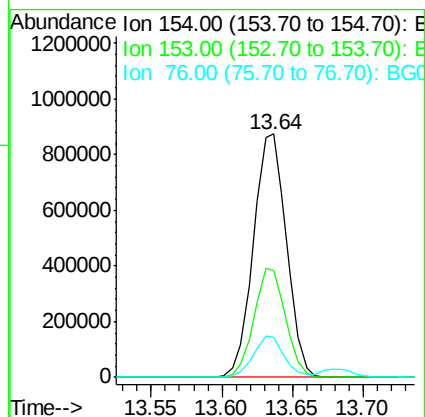
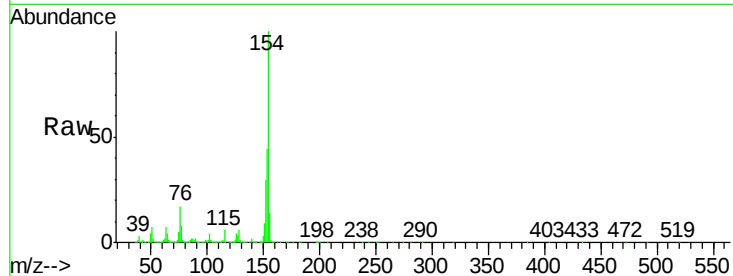
#45
1,1'-Biphenyl
Concen: 41.53 ng
RT: 13.64 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BG023356.D
Acq: 30 Jul 2016 14:05

Instrument :
BNA_G
ClientSampleId :
PB92565BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.8	20.2	60.2
76	16.5	0.0	32.9

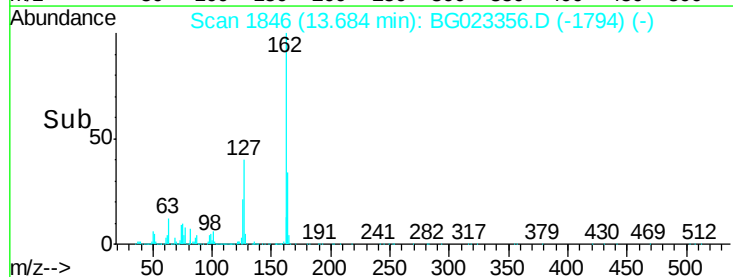
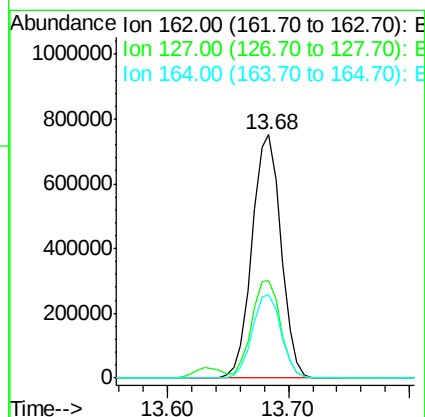
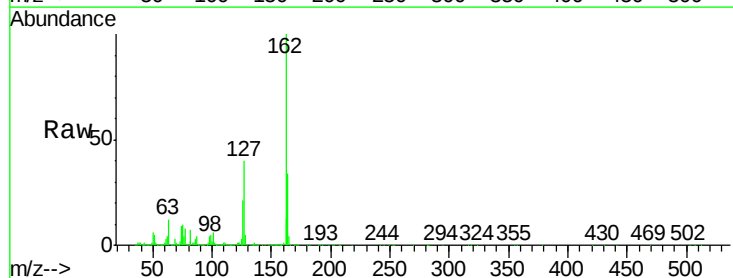
Manual Integrations
APPROVED

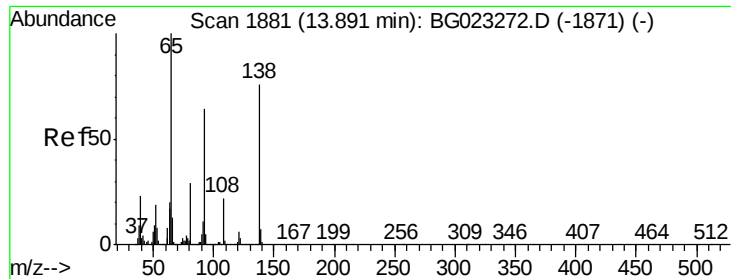
sohil
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#46
2-Chloronaphthalene
Concen: 45.59 ng
RT: 13.68 min Scan# 1846
Delta R.T. 0.00 min
Lab File: BG023356.D
Acq: 30 Jul 2016 14:05

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.9	32.4	48.6
164	34.4	25.2	37.8





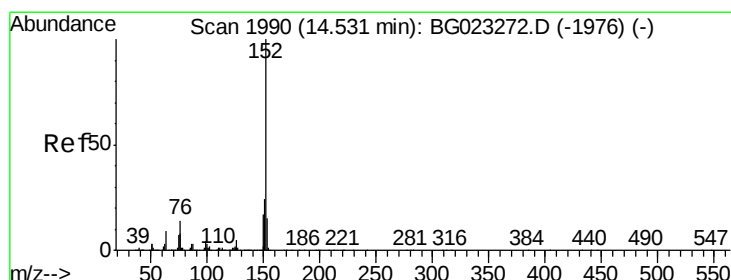
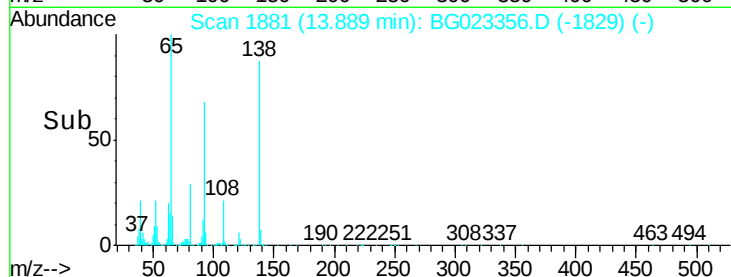
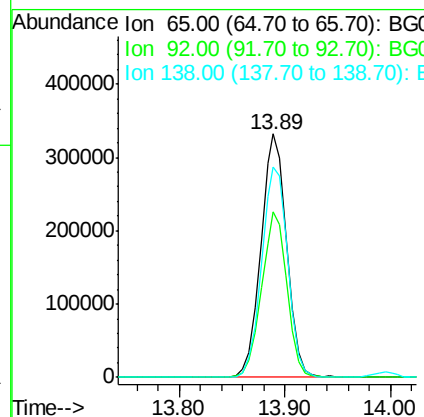
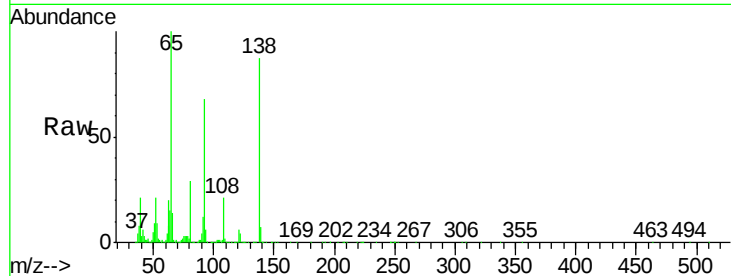
#47
2-Nitroaniline
Concen: 48.13 ng
RT: 13.89 min Scan# 1881
Delta R.T. 0.00 min
Lab File: BG023356.D
Acq: 30 Jul 2016 14:05

Instrument :
BNA_G
ClientSampleId :
PB92565BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.2	49.4	74.0
138	86.5	58.0	87.0

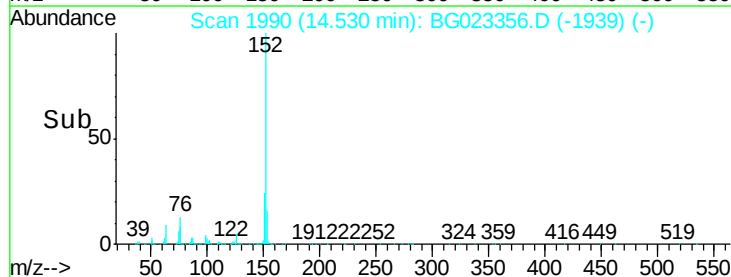
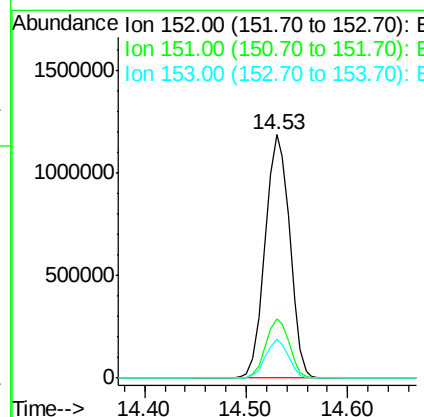
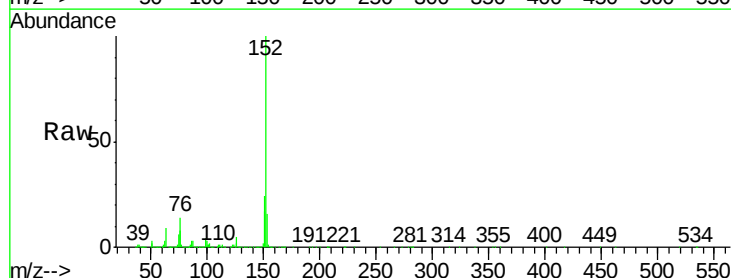
Manual Integrations
APPROVED

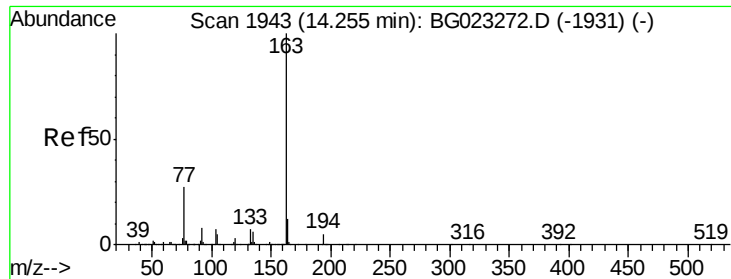
sohil
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#48
Acenaphthylene
Concen: 47.23 ng
RT: 14.53 min Scan# 1990
Delta R.T. -0.00 min
Lab File: BG023356.D
Acq: 30 Jul 2016 14:05

Tgt Ion	Ratio	Lower	Upper
152	100		
151	24.3	17.6	26.4
153	16.1	11.4	17.2





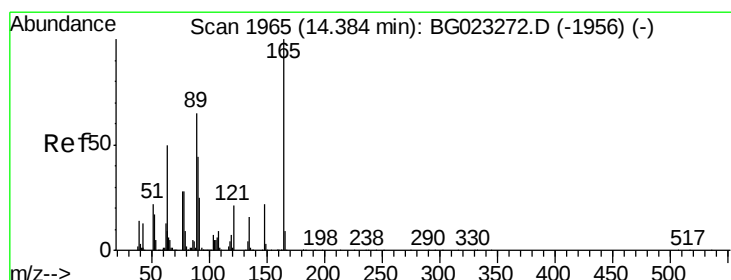
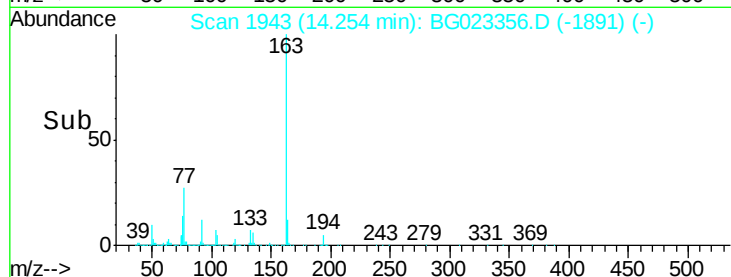
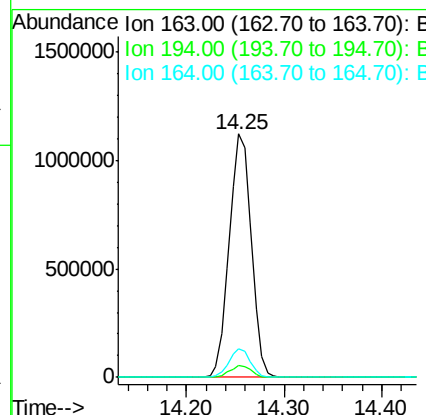
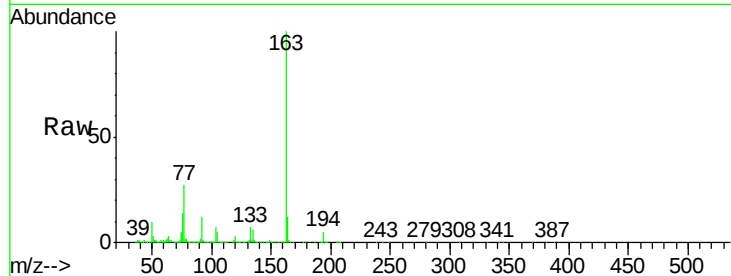
#49
Dimethylphthalate
Concen: 48.33 ng
RT: 14.25 min Scan# 1943
Delta R.T. 0.00 min
Lab File: BG023356.D
Acq: 30 Jul 2016 14:05

Instrument :
BNA_G
ClientSampleId :
PB92565BS

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.6	5.4
164	11.9	8.1	12.1

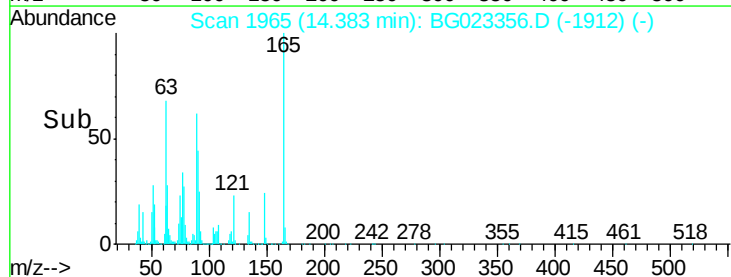
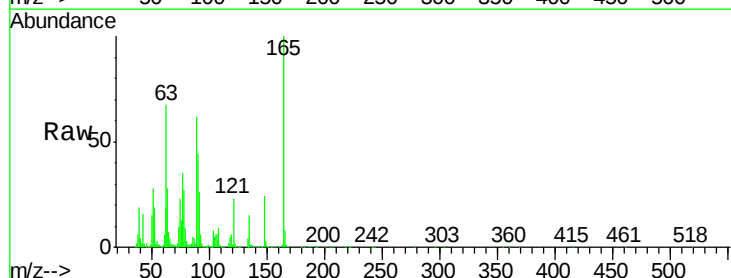
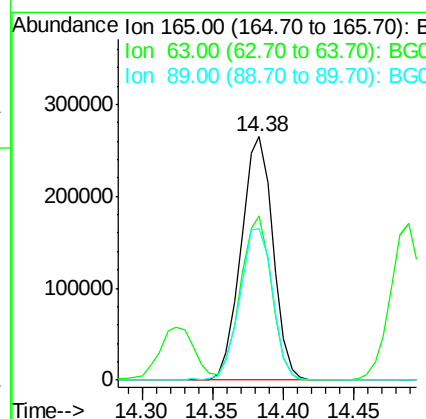
Manual Integrations
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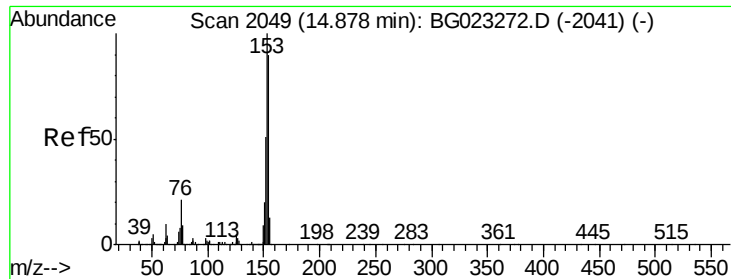
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#50
2,6-Dinitrotoluene
Concen: 48.83 ng
RT: 14.38 min Scan# 1965
Delta R.T. 0.01 min
Lab File: BG023356.D
Acq: 30 Jul 2016 14:05

Tgt Ion	Ratio	Lower	Upper
165	100		
63	67.4	64.3	96.5
89	62.2	64.3	96.5#





#51

Acenaphthene

Concen: 47.03 ng

RT: 14.87 min Scan# 2048

Delta R.T. -0.00 min

Lab File: BG023356.D

Acq: 30 Jul 2016 14:05

Instrument :

BNA_G

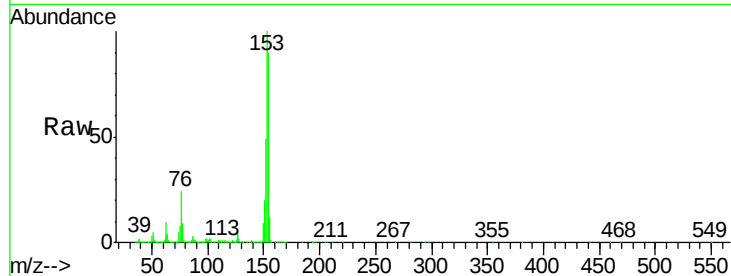
ClientSampled :

PB92565BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.1	87.5	131.3
152	54.1	42.7	64.1

Manual Integrations
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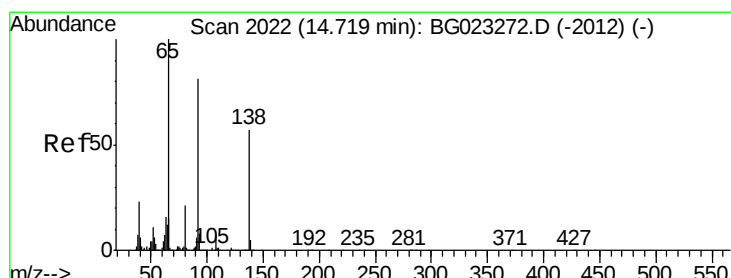
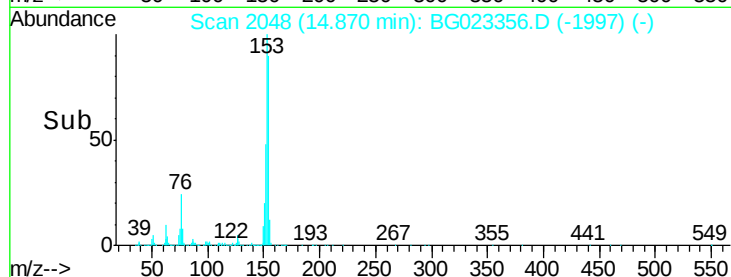
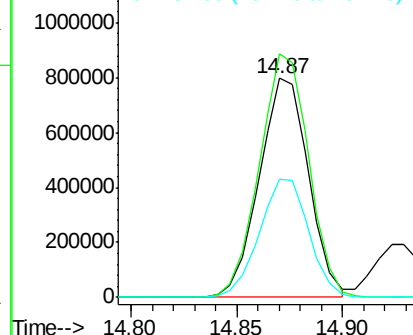
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 27.60 ng

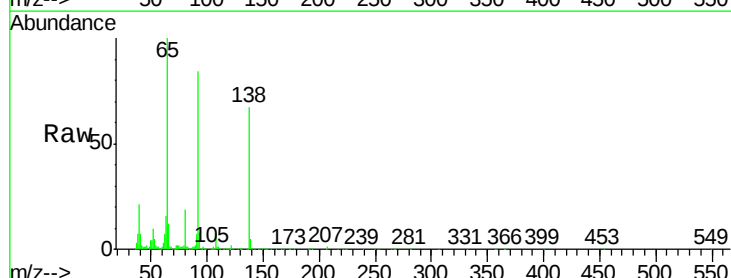
RT: 14.72 min Scan# 2022

Delta R.T. 0.00 min

Lab File: BG023356.D

Acq: 30 Jul 2016 14:05

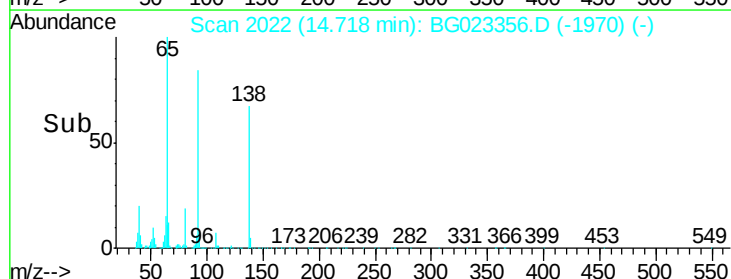
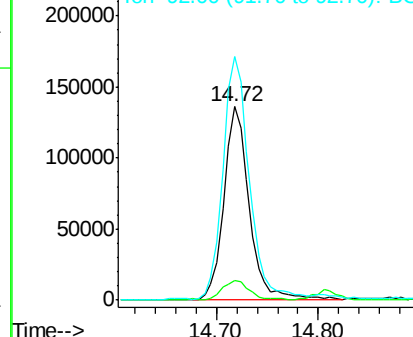
Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.1	11.7	17.5#
92	126.0	129.7	194.5#

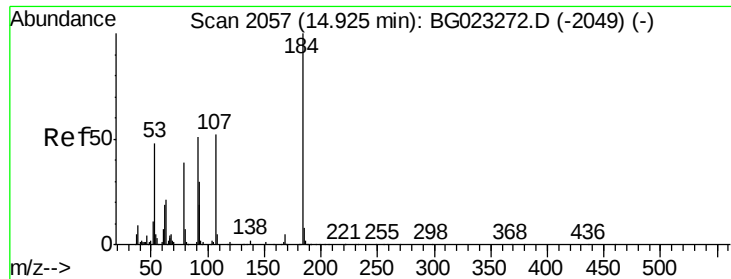


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGO





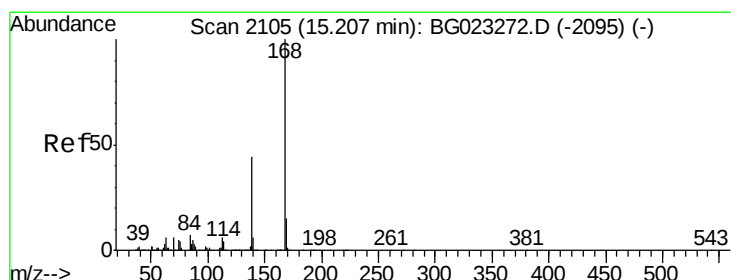
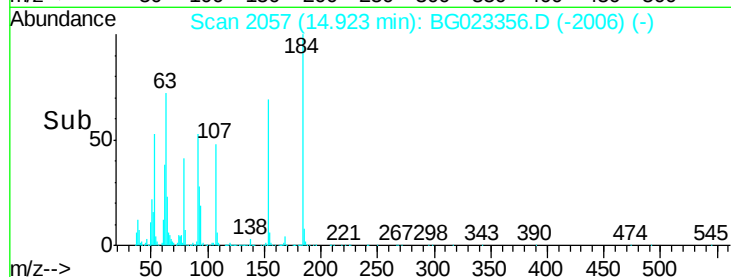
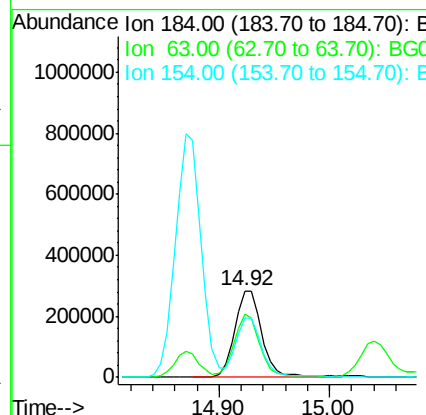
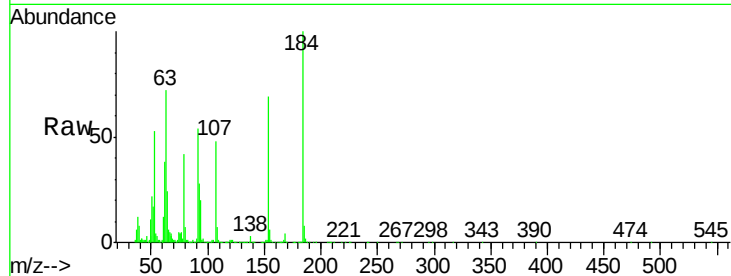
#53
2,4-Dinitrophenol
Concen: 98.65 ng
RT: 14.92 min Scan# 2057
Delta R.T. -0.00 min
Lab File: BG023356.D
Acq: 30 Jul 2016 14:05

Instrument :
BNA_G
ClientSampleId :
PB92565BS

Tgt Ion	Ratio	Lower	Upper
184	100		
63	72.2	59.6	89.4
154	68.7	67.4	101.0

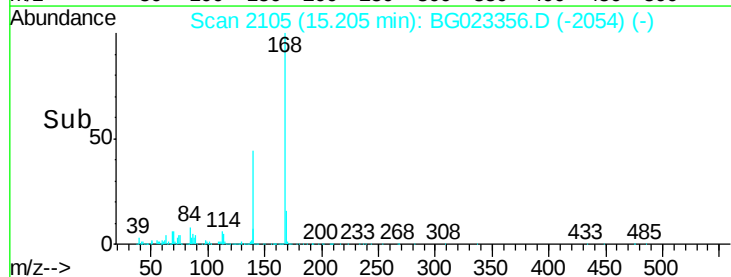
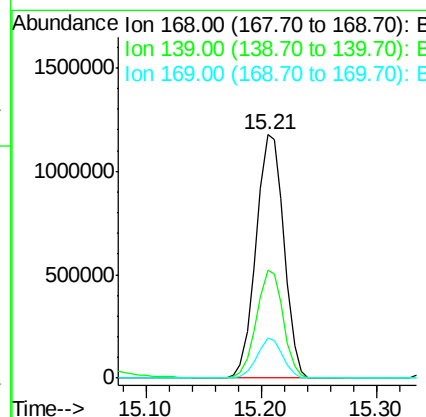
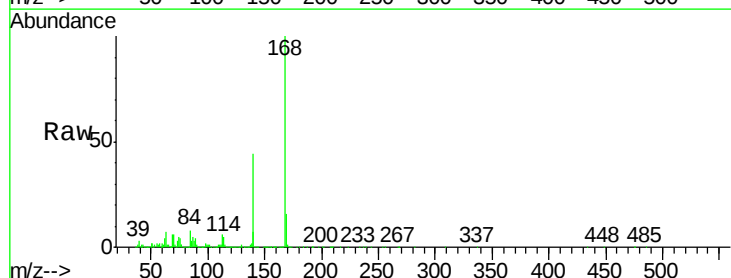
Manual Integrations
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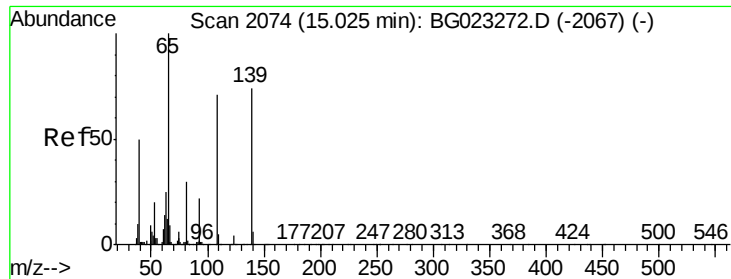
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#54
Dibenzofuran
Concen: 50.88 ng
RT: 15.21 min Scan# 2105
Delta R.T. -0.00 min
Lab File: BG023356.D
Acq: 30 Jul 2016 14:05

Tgt Ion	Ratio	Lower	Upper
168	100		
139	44.4	36.4	54.6
169	16.4	11.9	17.9





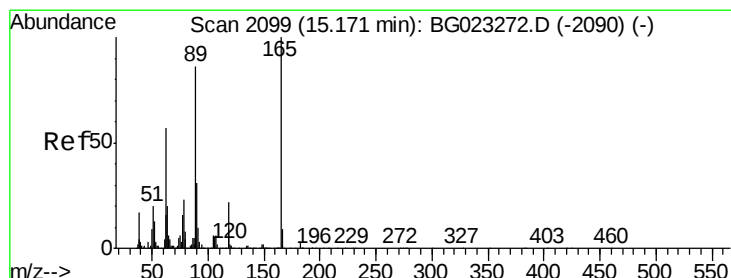
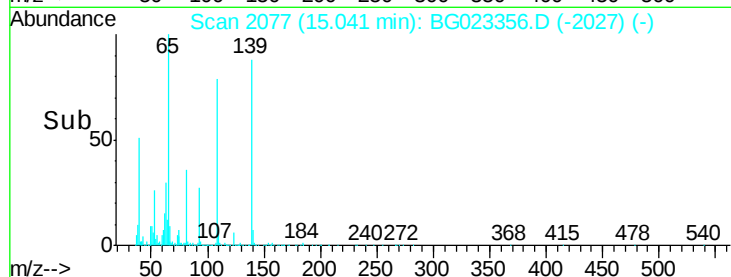
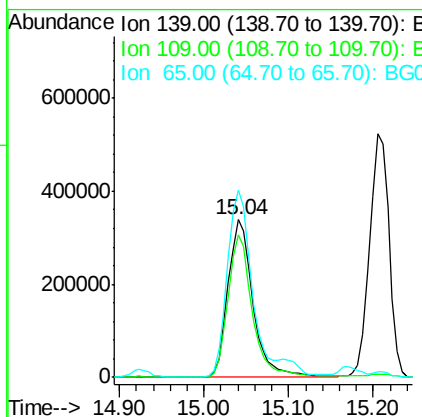
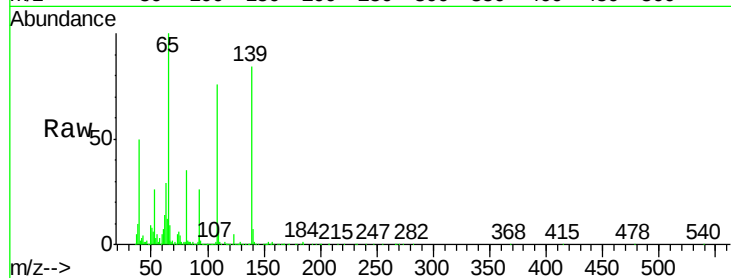
#55
4-Nitrophenol
Concen: 92.95 ng
RT: 15.04 min Scan# 2077
Delta R.T. -0.01 min
Lab File: BG023356.D
Acq: 30 Jul 2016 14:05

Instrument :
BNA_G
ClientSampleId :
PB92565BS

Tgt Ion	Ratio	Lower	Upper
139	100		
109	90.2	103.0	143.0#
65	118.6	112.7	152.7

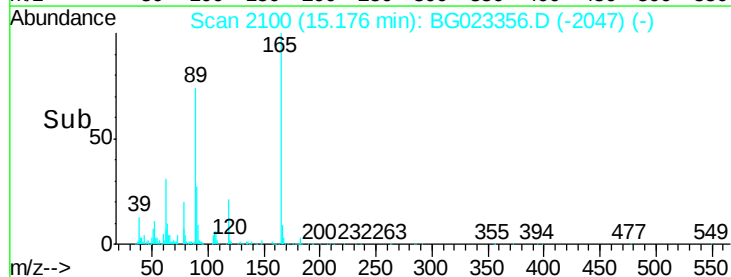
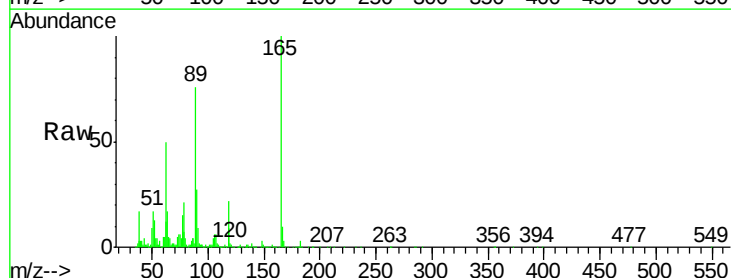
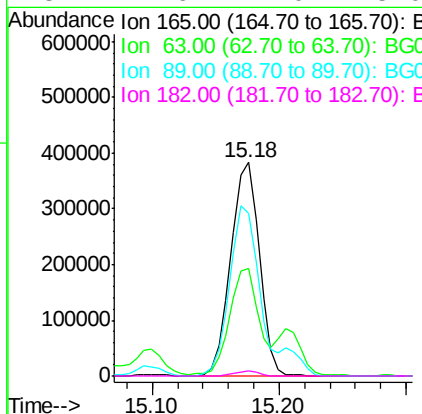
Manual Integrations
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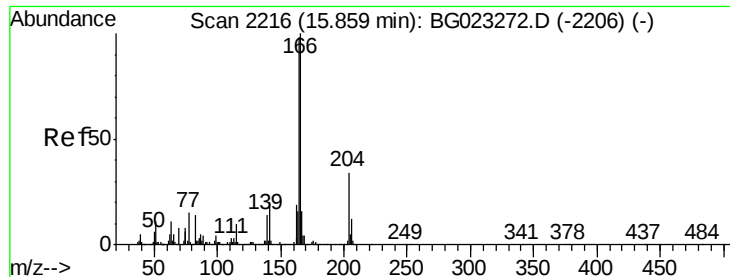
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#56
2,4-Dinitrotoluene
Concen: 49.65 ng
RT: 15.18 min Scan# 2100
Delta R.T. 0.01 min
Lab File: BG023356.D
Acq: 30 Jul 2016 14:05

Tgt Ion	Ratio	Lower	Upper
165	100		
63	50.1	45.8	68.6
89	76.4	68.6	102.8
182	2.6	2.0	3.0





#57

Fluorene

Concen: 48.18 ng

RT: 15.86 min Scan# 2216

Delta R.T. -0.00 min

Lab File: BG023356.D

Acq: 30 Jul 2016 14:05

Instrument :

BNA_G

ClientSampleId :

PB92565BS

Tgt Ion:166 Resp: 1652472

Ion Ratio Lower Upper

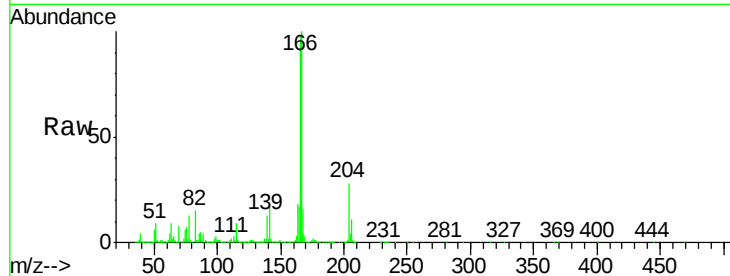
166 100

165 98.1 81.0 121.6

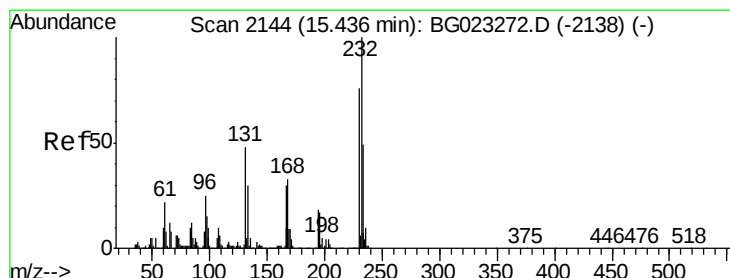
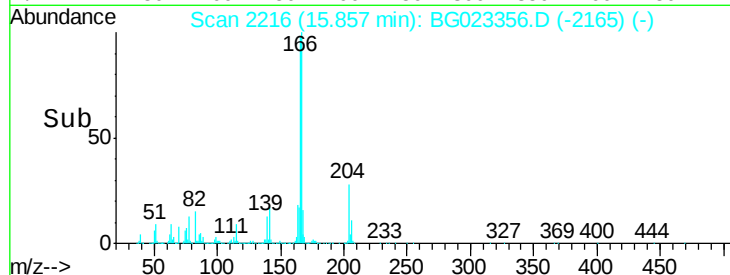
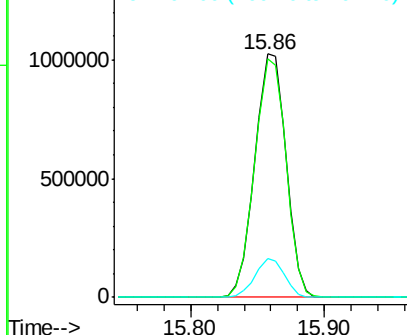
167 15.9 12.0 18.0

Manual Integrations
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 60.23 ng

RT: 15.44 min Scan# 2145

Delta R.T. 0.00 min

Lab File: BG023356.D

Acq: 30 Jul 2016 14:05

Tgt Ion:232 Resp: 508760

Ion Ratio Lower Upper

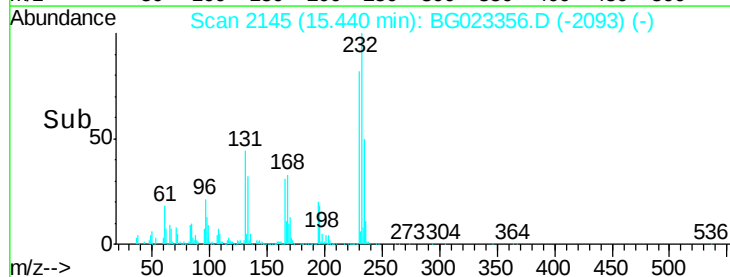
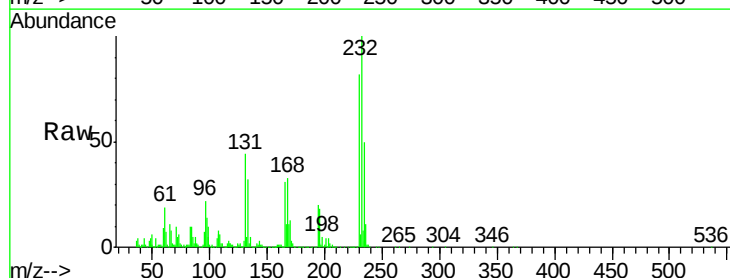
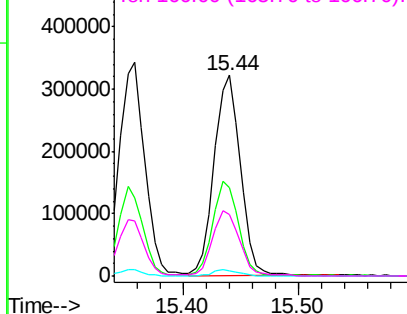
232 100

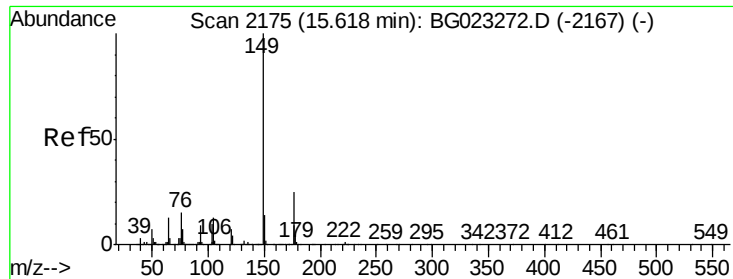
131 46.7 32.7 49.1

130 3.1 2.6 3.8

166 34.2 23.0 34.6

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





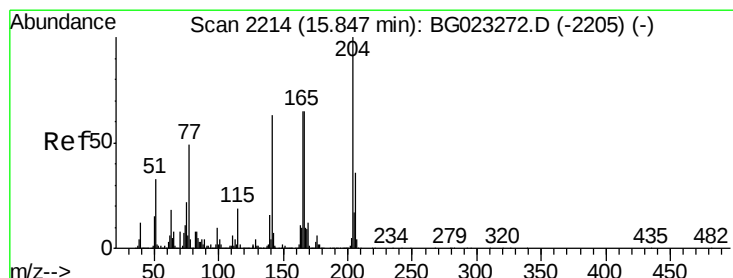
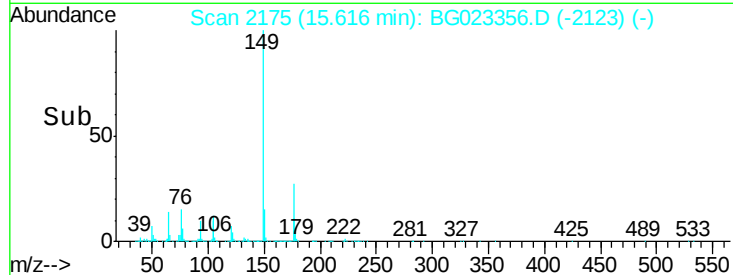
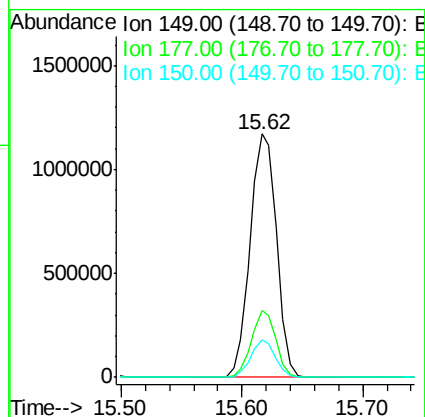
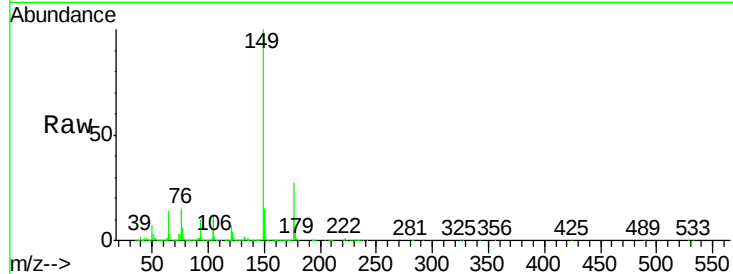
#59
Diethylphthalate
Concen: 47.64 ng
RT: 15.62 min Scan# 2175
Delta R.T. 0.00 min
Lab File: BG023356.D
Acq: 30 Jul 2016 14:05

Instrument :
BNA_G
ClientSampleId :
PB92565BS

Tgt Ion	Ratio	Lower	Upper
149	100		
177	27.3	19.2	28.8
150	15.3	10.6	16.0

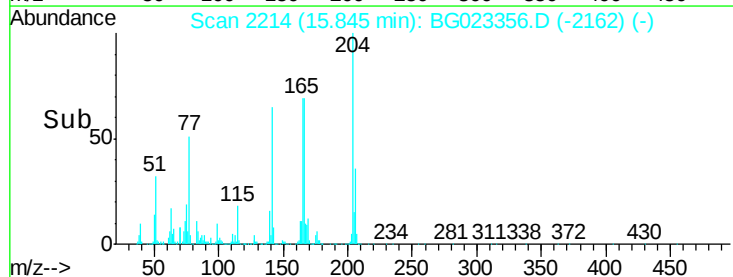
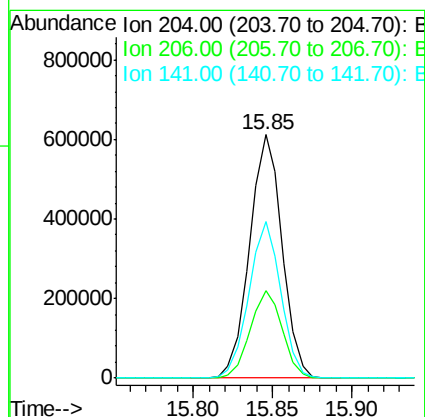
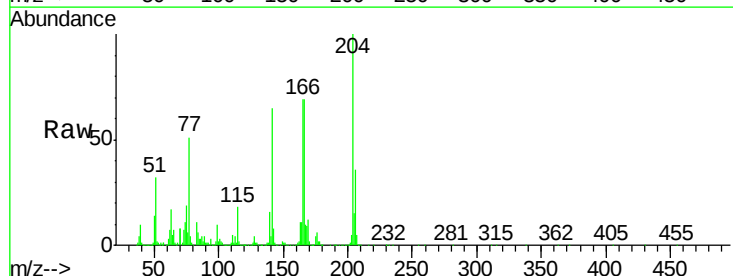
Manual Integrations
APPROVED

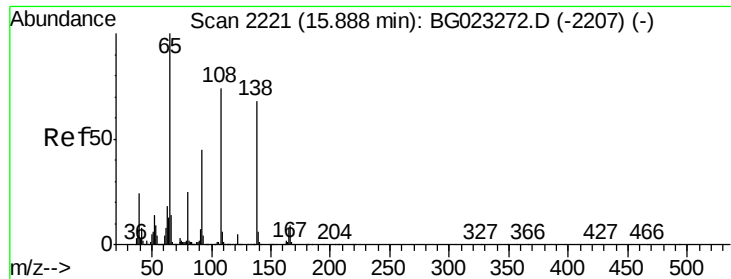
sohil
8/1/2016 7:12:13 PM



#60
4-Chlorophenyl-phenylether
Concen: 46.72 ng
RT: 15.85 min Scan# 2214
Delta R.T. 0.00 min
Lab File: BG023356.D
Acq: 30 Jul 2016 14:05

Tgt Ion	Ratio	Lower	Upper
204	100		
206	36.1	28.5	42.7
141	64.5	51.4	77.0





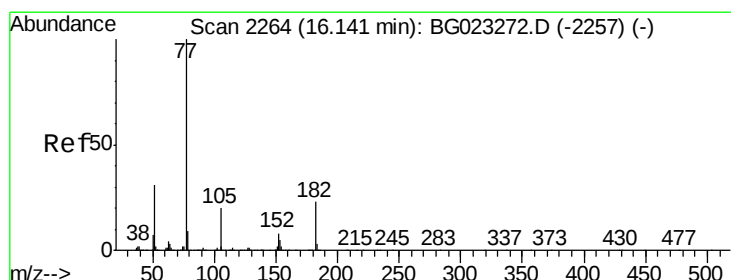
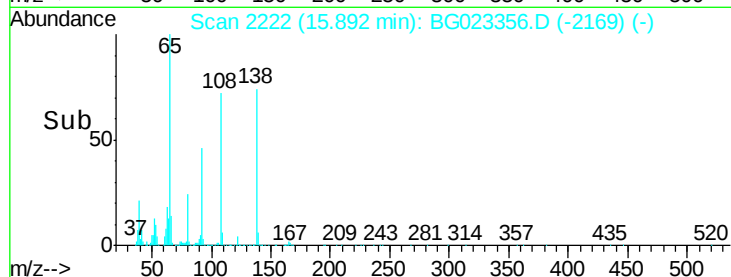
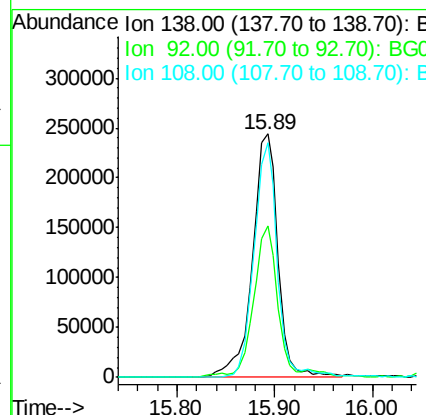
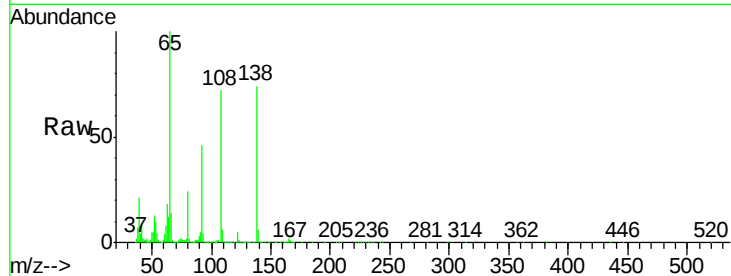
#61
4-Nitroaniline
Concen: 49.69 ng
RT: 15.89 min Scan# 2222
Delta R.T. 0.01 min
Lab File: BG023356.D
Acq: 30 Jul 2016 14:05

Instrument :
BNA_G
ClientSampleId :
PB92565BS

Tgt Ion	Ratio	Lower	Upper
138	100		
92	62.2	54.1	94.1
108	96.6	133.9	173.9#

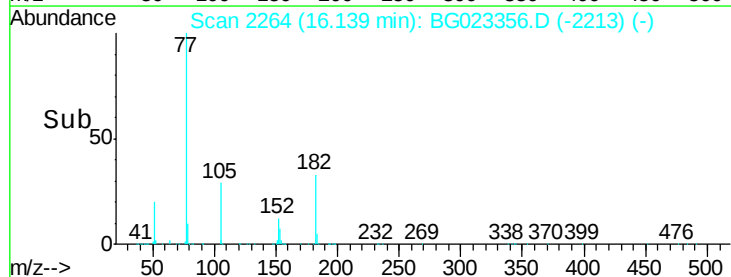
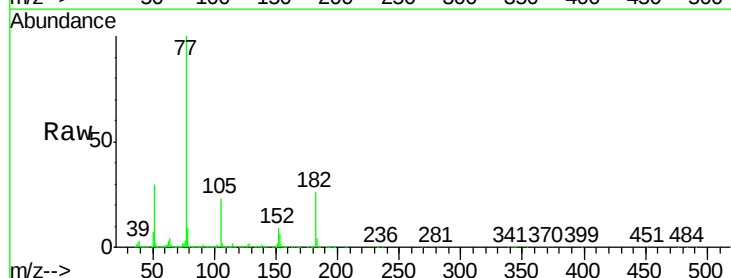
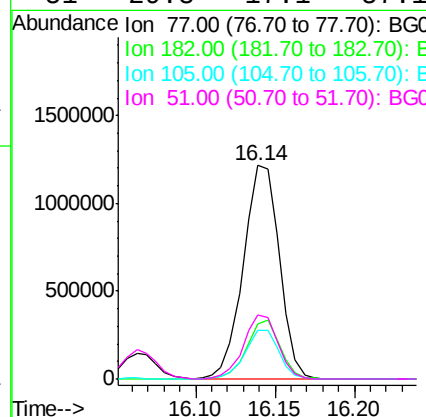
Manual Integrations
APPROVED

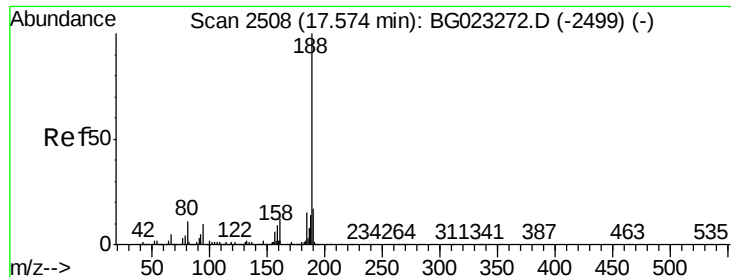
sohil
8/1/2016 7:12:13 PM



#62
Azobenzene
Concen: 49.42 ng
RT: 16.14 min Scan# 2264
Delta R.T. -0.00 min
Lab File: BG023356.D
Acq: 30 Jul 2016 14:05

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.6	3.5	43.5
105	22.7	0.0	38.5
51	29.8	17.1	57.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.57 min Scan# 2508

Delta R.T. 0.00 min

Lab File: BG023356.D

Acq: 30 Jul 2016 14:05

Instrument :

BNA_G

ClientSampleId :

PB92565BS

Tgt Ion:188 Resp: 1118338

Ion Ratio Lower Upper

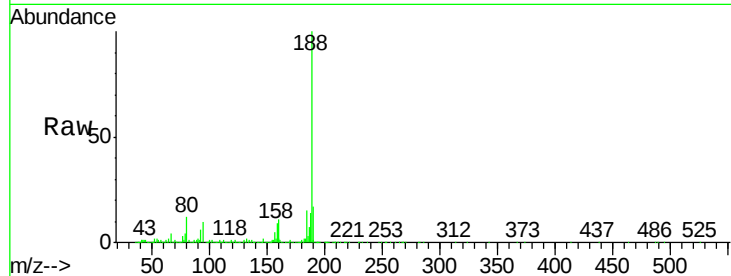
188 100

94 9.9 5.2 7.8#

80 12.2 7.2 10.8#

Manual Integrations
APPROVED

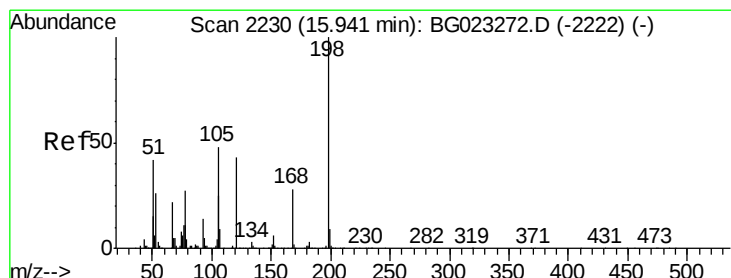
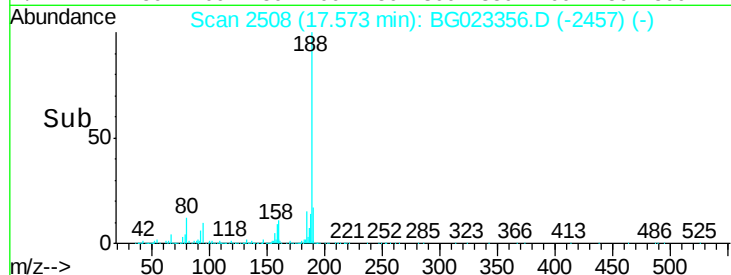
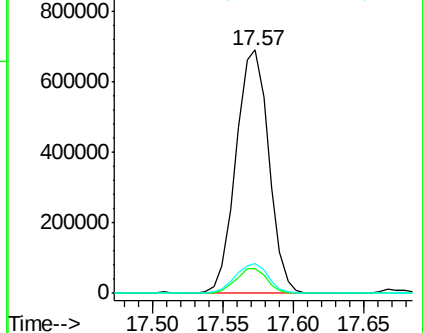
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 51.43 ng

RT: 15.94 min Scan# 2230

Delta R.T. 0.00 min

Lab File: BG023356.D

Acq: 30 Jul 2016 14:05

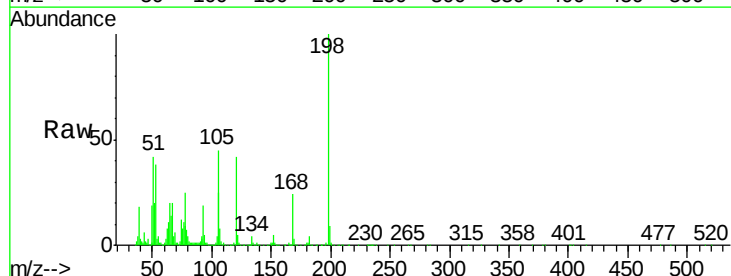
Tgt Ion:198 Resp: 369423

Ion Ratio Lower Upper

198 100

51 42.1 26.0 66.0

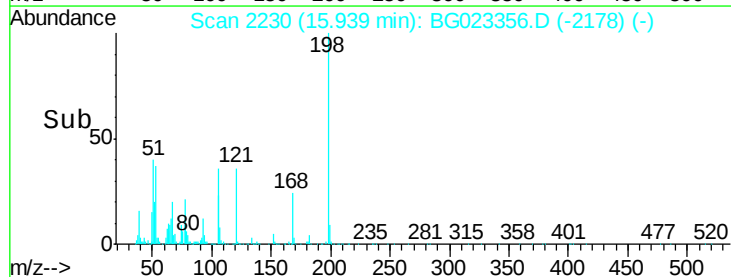
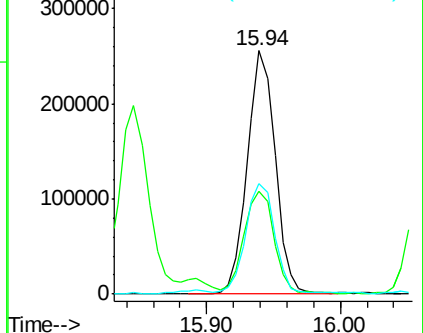
105 45.3 20.1 60.1

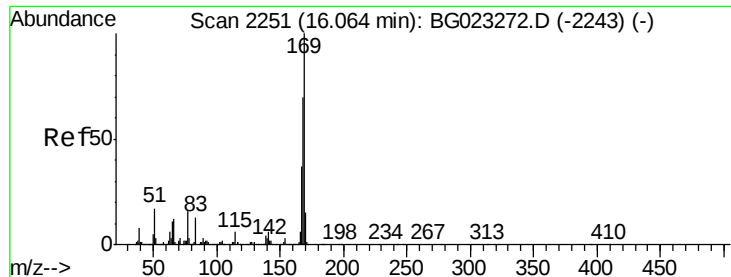


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 52.14 ng

RT: 16.06 min Scan# 2251

Delta R.T. 0.00 min

Lab File: BG023356.D

Acq: 30 Jul 2016 14:05

Instrument :

BNA_G

ClientSampleId :

PB92565BS

Tgt Ion:169 Resp: 1556727

Ion Ratio Lower Upper

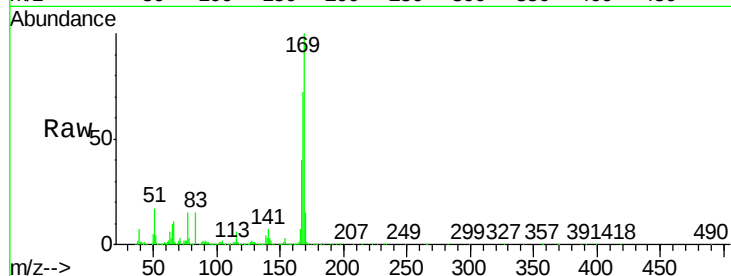
169 100

168 72.3 55.0 82.4

167 40.1 27.4 41.0

Manual Integrations
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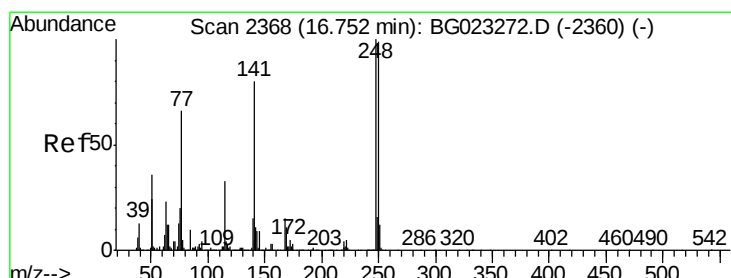
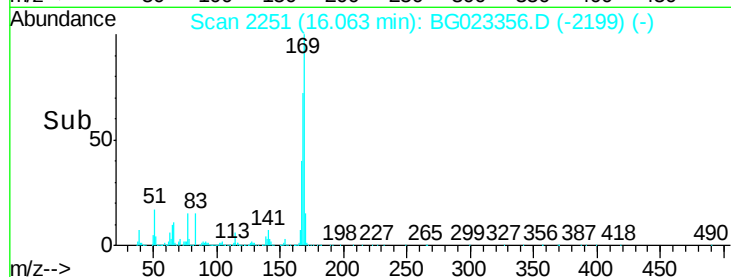
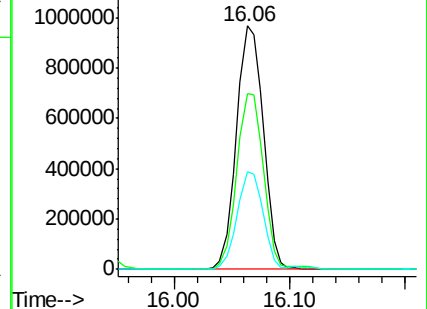
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 53.79 ng

RT: 16.74 min Scan# 2367

Delta R.T. -0.00 min

Lab File: BG023356.D

Acq: 30 Jul 2016 14:05

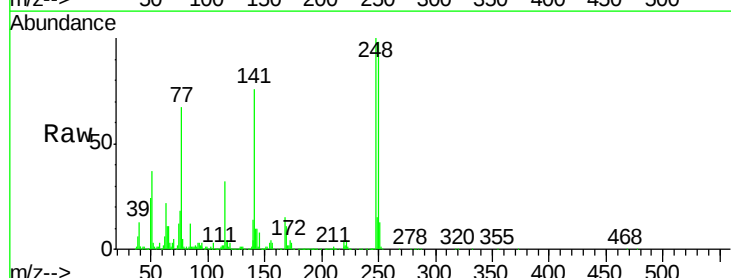
Tgt Ion:248 Resp: 608248

Ion Ratio Lower Upper

248 100

250 98.5 77.8 116.8

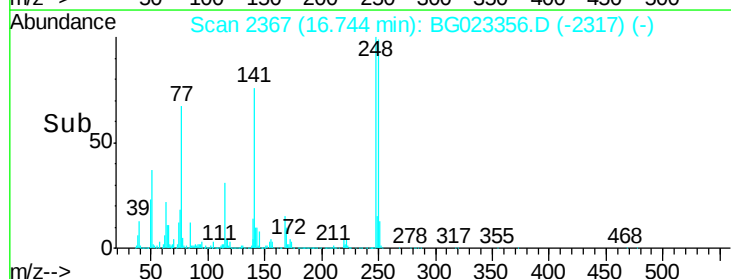
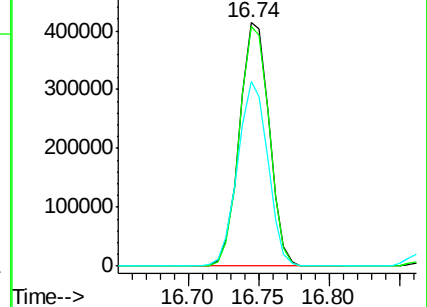
141 75.9 65.7 98.5

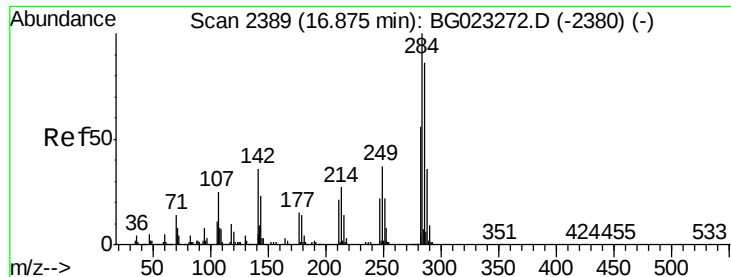


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





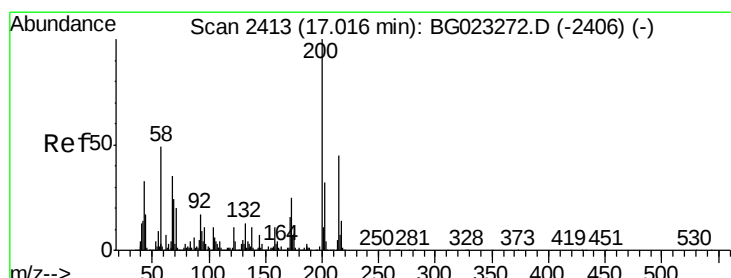
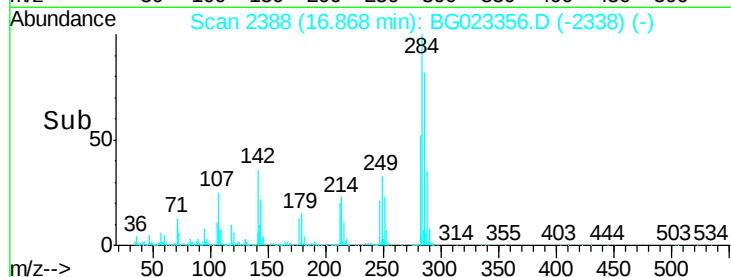
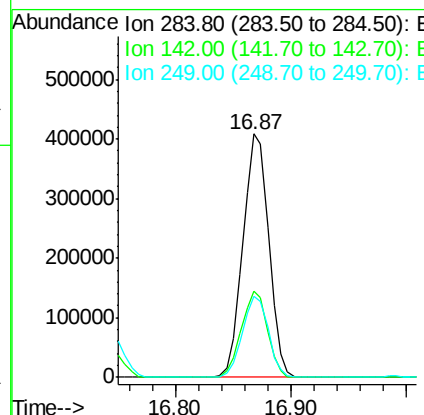
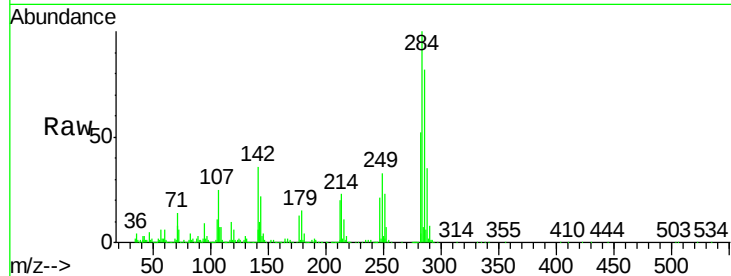
#67
Hexachlorobenzene
Concen: 55.63 ng
RT: 16.87 min Scan# 2388
Delta R.T. -0.00 min
Lab File: BG023356.D
Acq: 30 Jul 2016 14:05

Instrument :
BNA_G
ClientSampled :
PB92565BS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	632453		
142	35.7	26.8	40.2	
249	33.4	28.9	43.3	

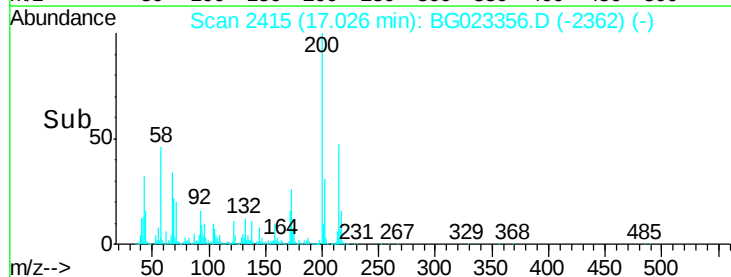
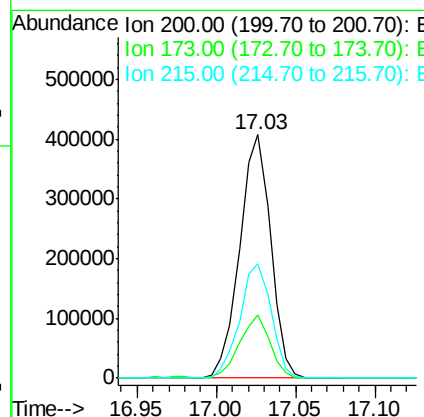
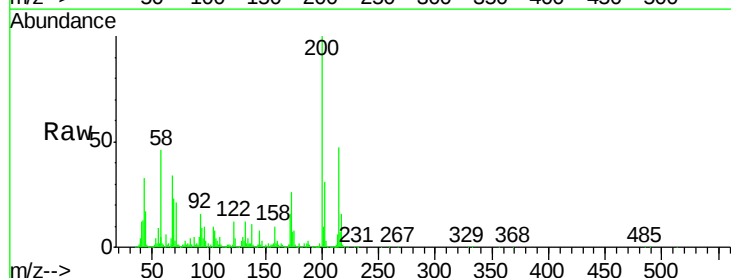
Manual Integrations
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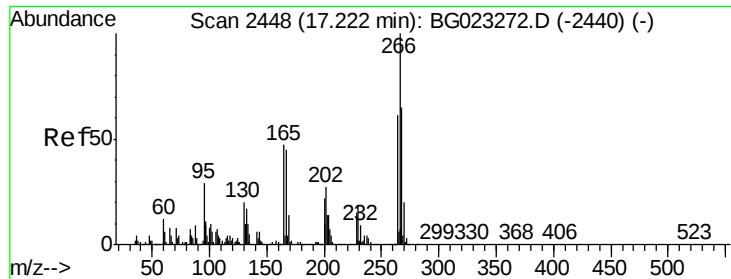
sohil
8/1/2016 7:12:13 PM



#68
Atrazine
Concen: 48.09 ng
RT: 17.03 min Scan# 2415
Delta R.T. 0.01 min
Lab File: BG023356.D
Acq: 30 Jul 2016 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	550746		
173	25.8	1.6	41.6	
215	47.1	28.7	68.7	





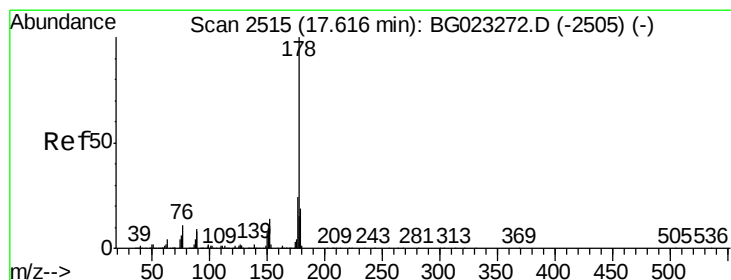
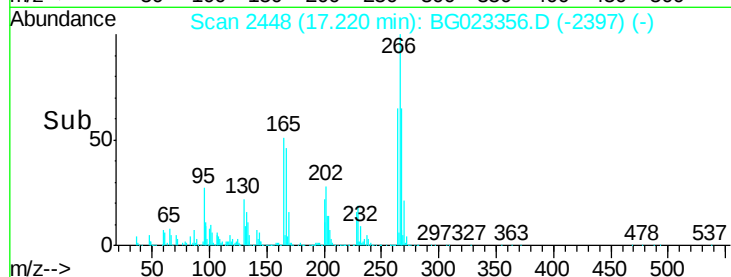
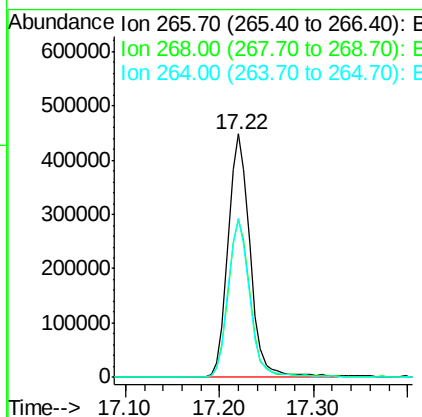
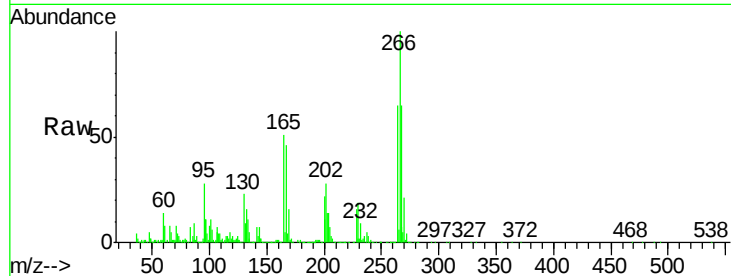
#69
 Pentachlorophenol
 Concen: 104.19 ng
 RT: 17.22 min Scan# 2448
 Delta R.T. -0.00 min
 Lab File: BG023356.D
 Acq: 30 Jul 2016 14:05

Instrument :
 BNA_G
 ClientSampleId :
 PB92565BS

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.7	51.9	77.9
264	65.3	50.6	75.8

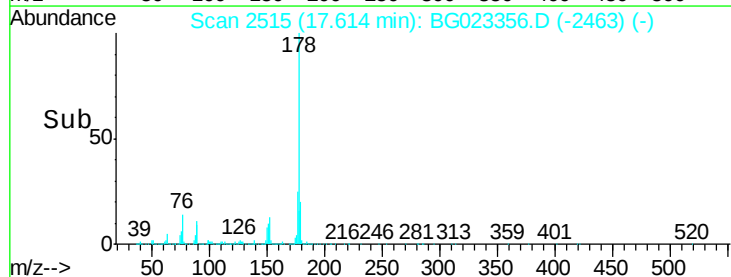
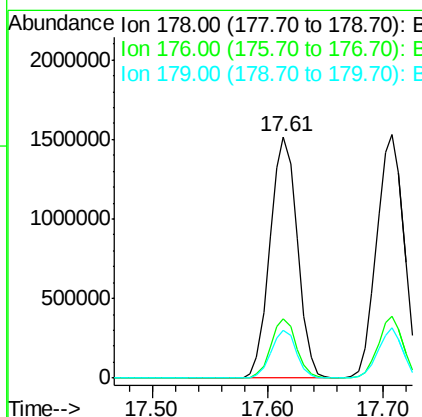
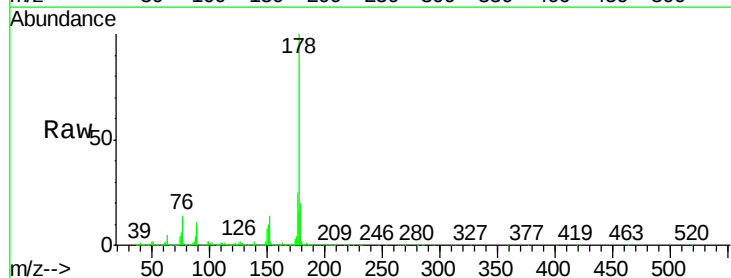
Manual Integrations
 APPROVED

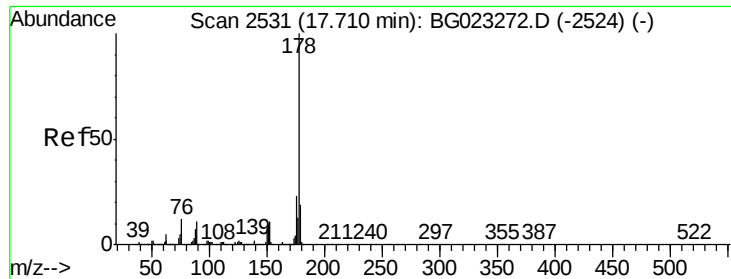
sohil
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#70
 Phenanthrene
 Concen: 51.00 ng
 RT: 17.61 min Scan# 2515
 Delta R.T. 0.00 min
 Lab File: BG023356.D
 Acq: 30 Jul 2016 14:05

Tgt Ion	Ratio	Lower	Upper
178	100		
176	24.7	16.8	25.2
179	19.9	14.3	21.5





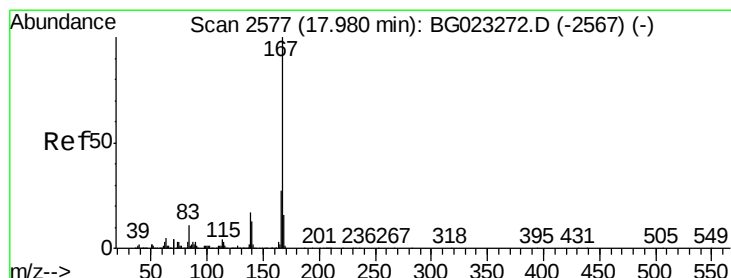
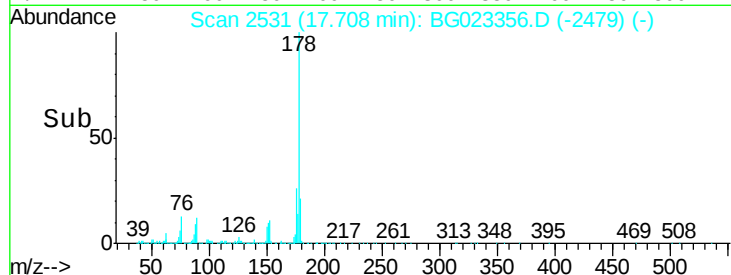
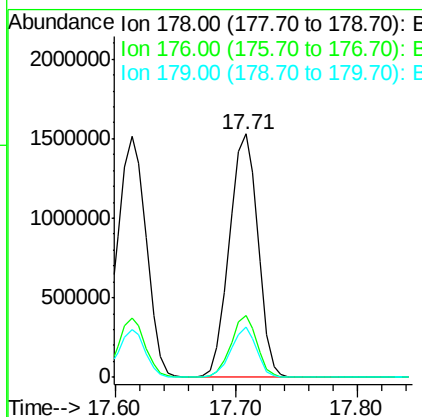
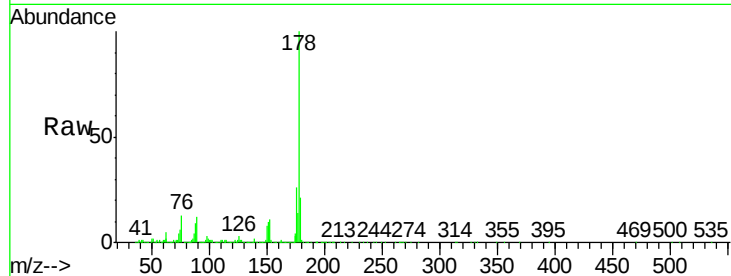
#71
 Anthracene
 Concen: 50.86 ng
 RT: 17.71 min Scan# 2531
 Delta R.T. 0.00 min
 Lab File: BG023356.D
 Acq: 30 Jul 2016 14:05

Instrument :
 BNA_G
 ClientSampleId :
 PB92565BS

Tgt Ion:178 Resp: 2513783
 Ion Ratio Lower Upper
 178 100
 176 25.6 17.3 25.9
 179 20.8 14.0 21.0

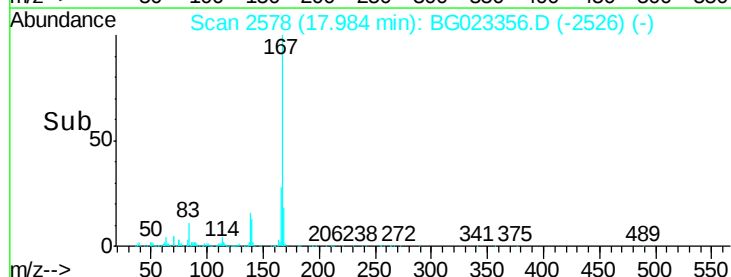
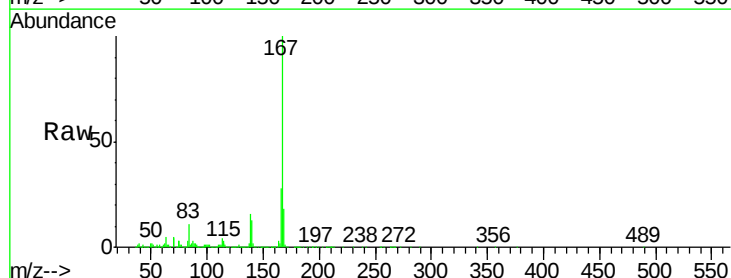
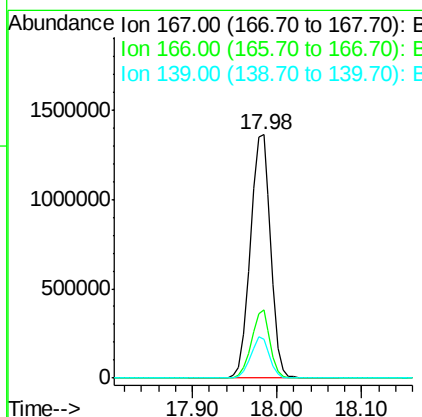
Manual Integrations
 APPROVED

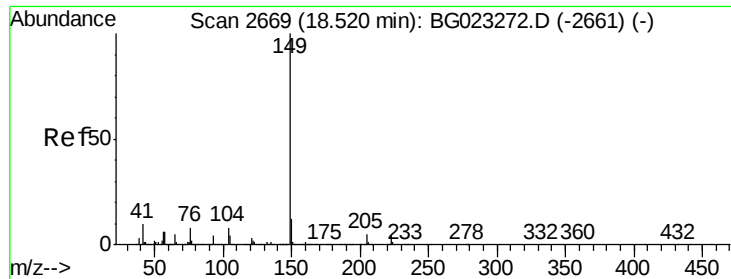
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 8/1/2016 7:12:13 PM



#72
 Carbazole
 Concen: 50.74 ng
 RT: 17.98 min Scan# 2578
 Delta R.T. 0.00 min
 Lab File: BG023356.D
 Acq: 30 Jul 2016 14:05

Tgt Ion:167 Resp: 2296665
 Ion Ratio Lower Upper
 167 100
 166 28.1 20.7 31.1
 139 16.2 11.9 17.9





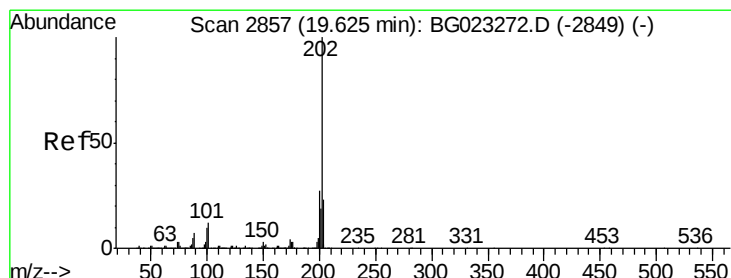
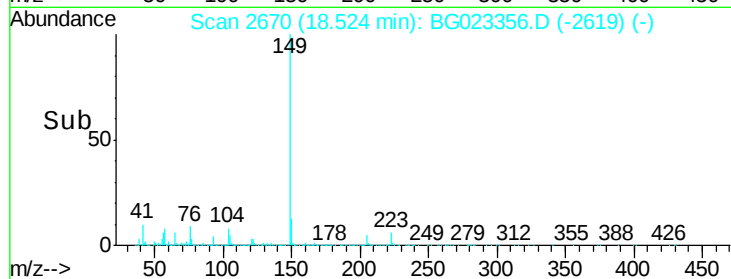
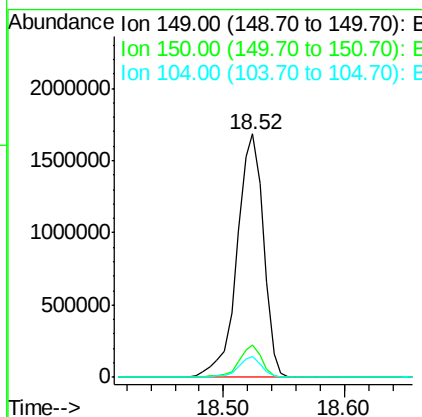
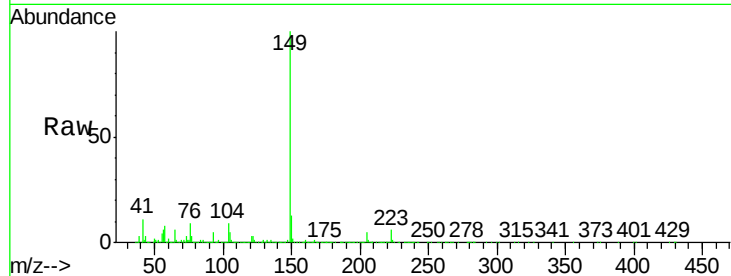
#73
Di-n-butylphthalate
Concen: 50.68 ng
RT: 18.52 min Scan# 2670
Delta R.T. 0.00 min
Lab File: BG023356.D
Acq: 30 Jul 2016 14:05

Instrument :
BNA_G
ClientSampleId :
PB92565BS

Tgt Ion	Ratio	Lower	Upper
149	100		
150	13.1	9.1	13.7
104	8.5	6.9	10.3

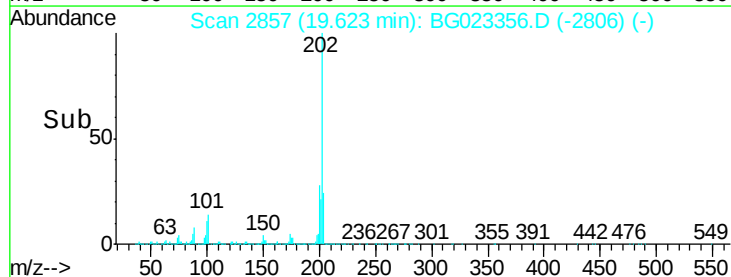
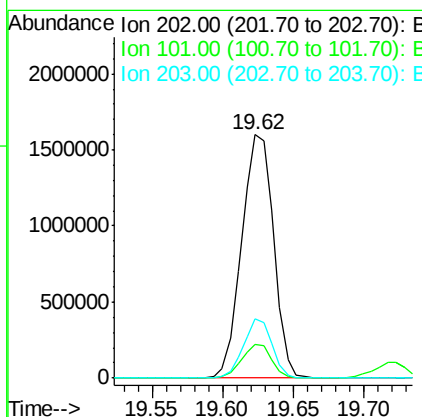
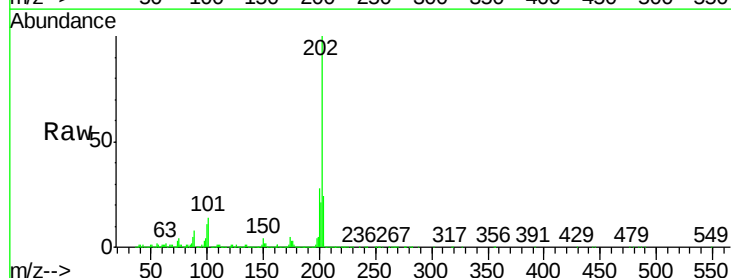
Manual Integrations
APPROVED

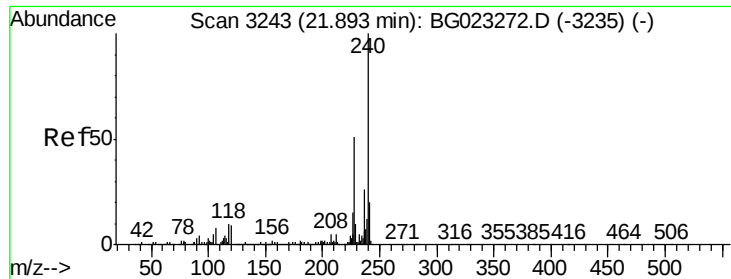
sohil
8/1/2016 7:12:13 PM



#74
Fluoranthene
Concen: 45.35 ng
RT: 19.62 min Scan# 2857
Delta R.T. -0.00 min
Lab File: BG023356.D
Acq: 30 Jul 2016 14:05

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.0	0.0	27.4
203	24.2	1.7	41.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.90 min Scan# 3244

Delta R.T. 0.01 min

Lab File: BG023356.D

Acq: 30 Jul 2016 14:05

Instrument :

BNA_G

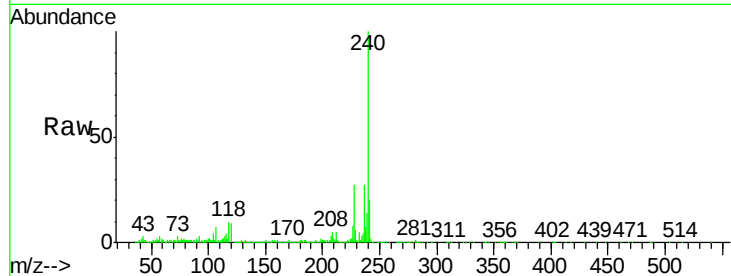
ClientSampleId :

PB92565BS

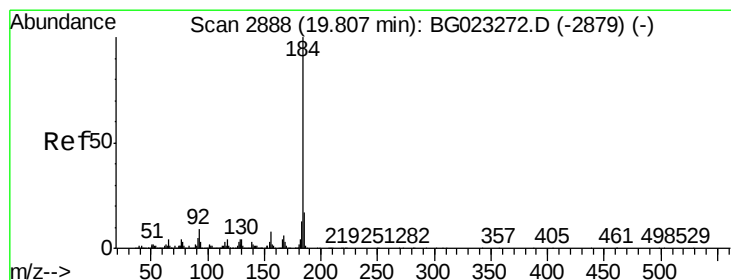
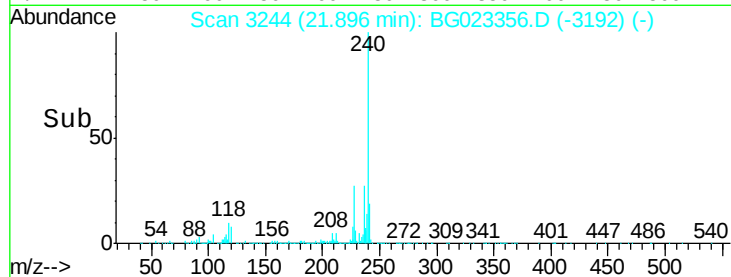
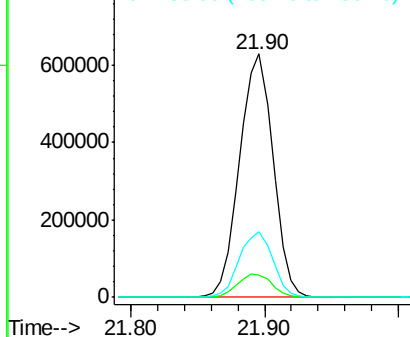
Tgt Ion:240 Resp: 1091825
 Ion Ratio Lower Upper
 240 100
 120 9.3 4.1 6.1#
 236 26.9 21.1 31.7

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Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 32.46 ng

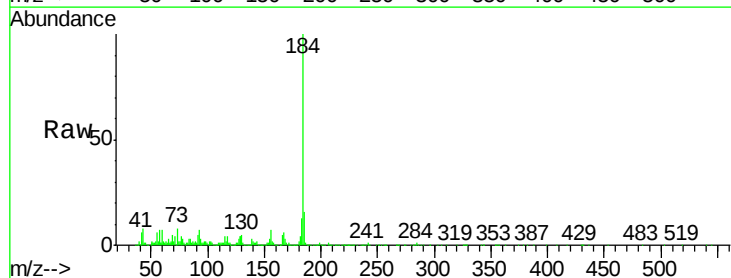
RT: 19.81 min Scan# 2889

Delta R.T. 0.00 min

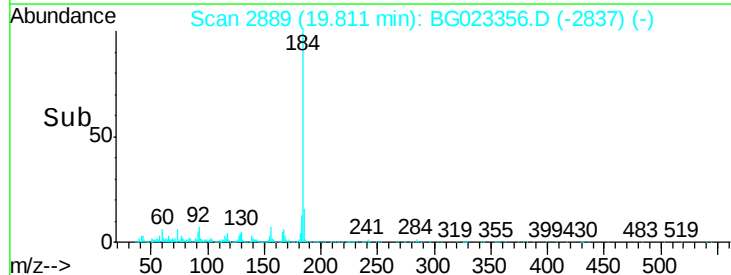
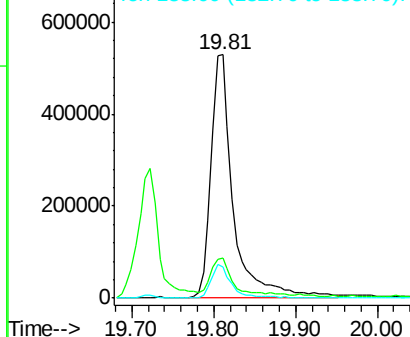
Lab File: BG023356.D

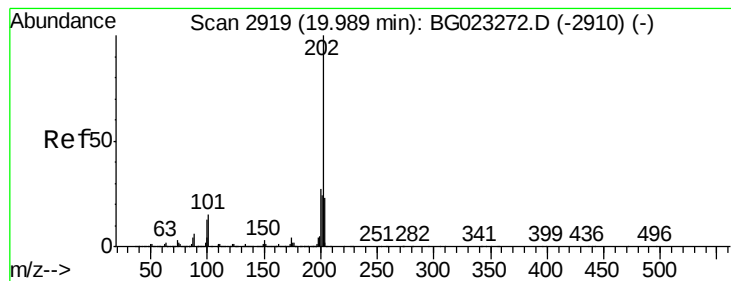
Acq: 30 Jul 2016 14:05

Tgt Ion:184 Resp: 996865
 Ion Ratio Lower Upper
 184 100
 185 16.4 12.6 19.0
 183 12.6 10.7 16.1



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 185.00 (184.70 to 185.70): E
 Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 41.46 ng

RT: 19.99 min Scan# 2919

Delta R.T. -0.00 min

Lab File: BG023356.D

Acq: 30 Jul 2016 14:05

Instrument :

BNA_G

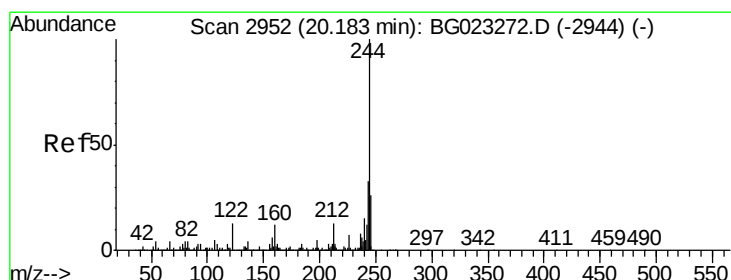
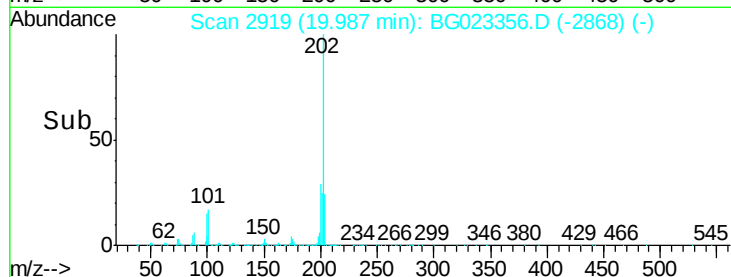
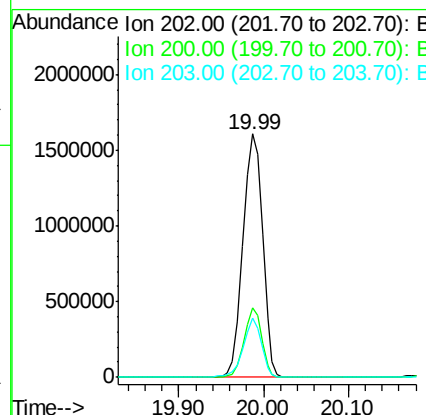
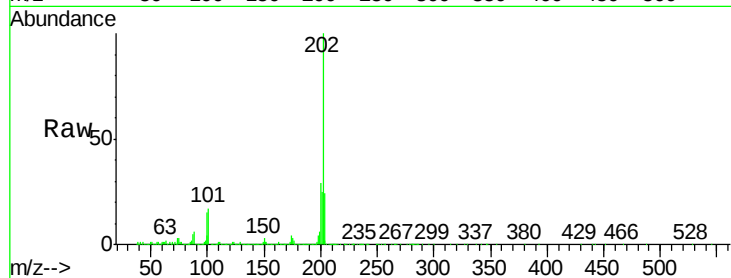
ClientSampleId :

PB92565BS

Tgt Ion:	202	Resp:	2568860
Ion	Ratio	Lower	Upper
202	100		
200	28.6	21.2	31.8
203	24.3	16.8	25.2

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#78

Terphenyl-d14

Concen: 88.64 ng

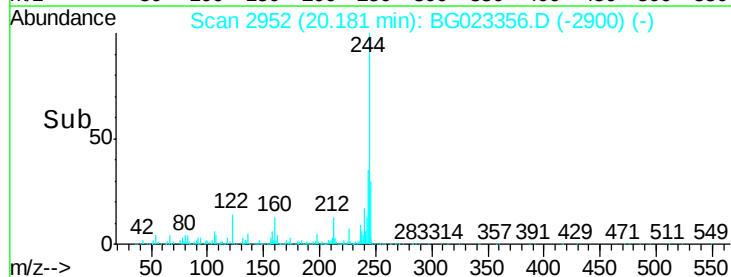
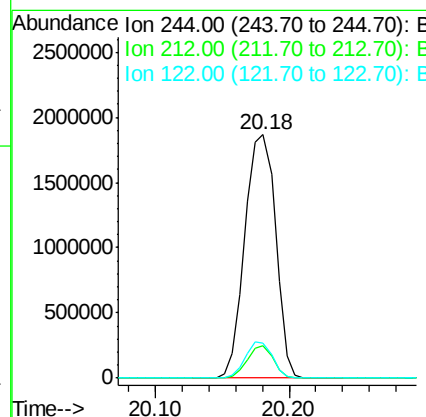
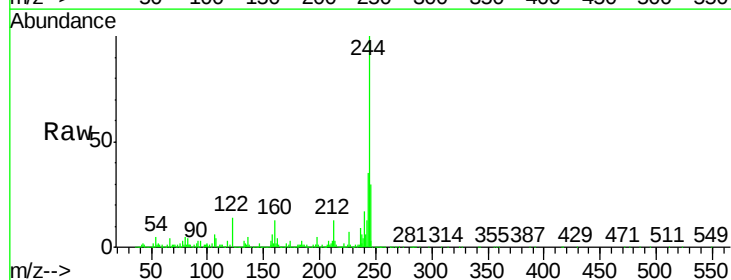
RT: 20.18 min Scan# 2952

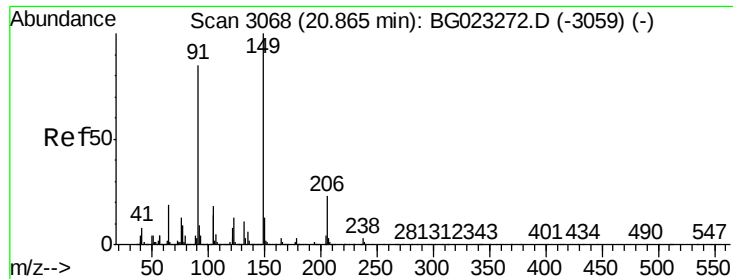
Delta R.T. 0.00 min

Lab File: BG023356.D

Acq: 30 Jul 2016 14:05

Tgt Ion:	244	Resp:	2977139
Ion	Ratio	Lower	Upper
244	100		
212	13.3	10.8	16.2
122	14.4	8.0	12.0#





#79

Butylbenzylphthalate

Concen: 48.53 ng

RT: 20.86 min Scan# 3068

Delta R.T. -0.00 min

Lab File: BG023356.D

Acq: 30 Jul 2016 14:05

Instrument :

BNA_G

ClientSampleId :

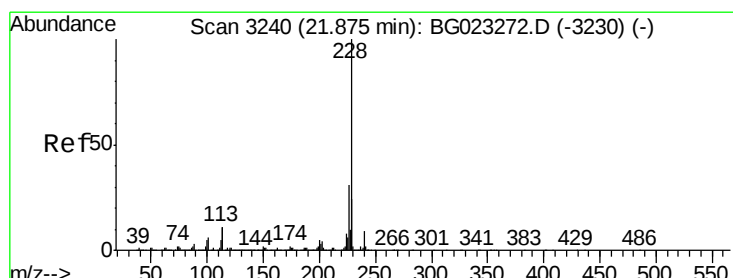
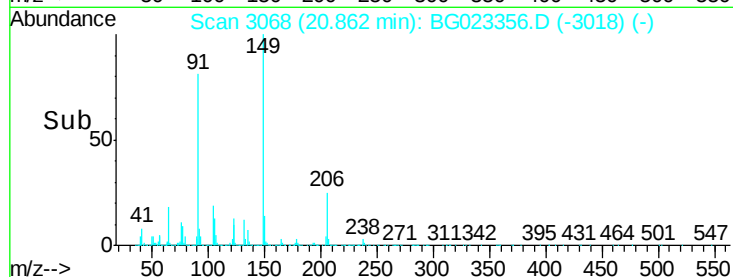
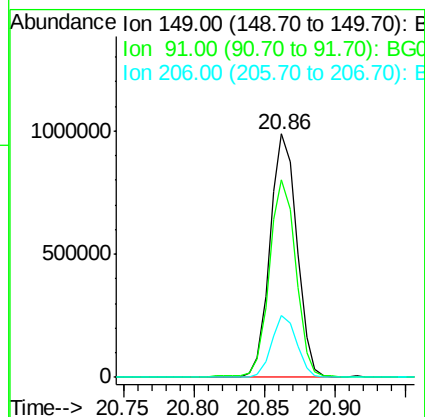
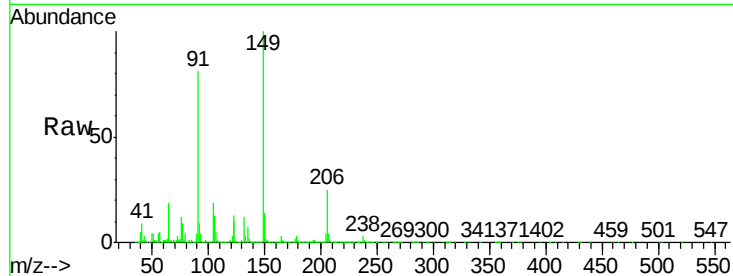
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Tgt Ion:149 Resp: 1322883

Ion	Ratio	Lower	Upper
149	100		
91	81.3	68.1	102.1
206	25.2	19.8	29.6

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#80

Benzo(a)anthracene

Concen: 46.49 ng

RT: 21.87 min Scan# 3240

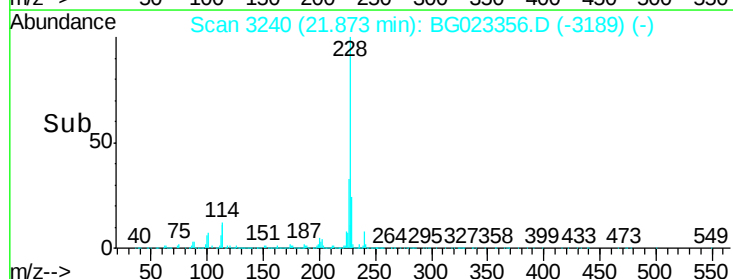
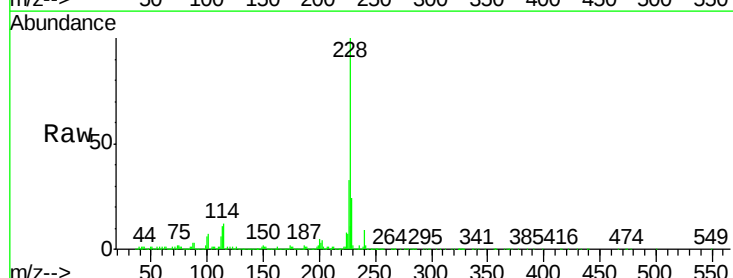
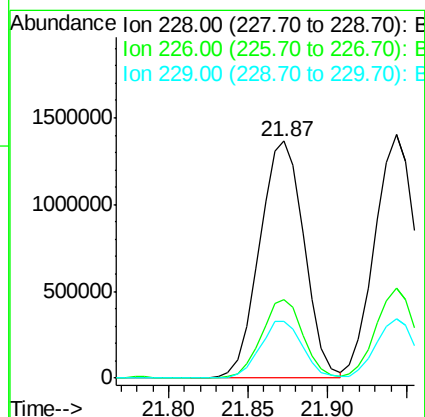
Delta R.T. 0.00 min

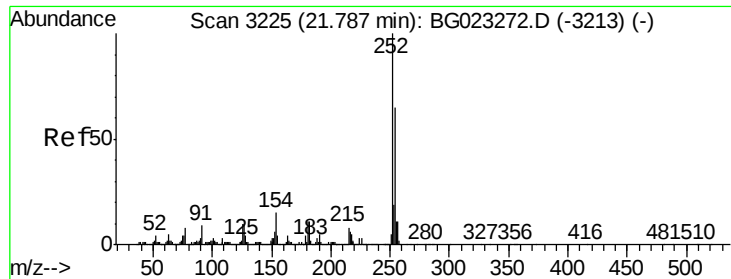
Lab File: BG023356.D

Acq: 30 Jul 2016 14:05

Tgt Ion:228 Resp: 2657686

Ion	Ratio	Lower	Upper
228	100		
226	33.2	25.3	37.9
229	24.1	19.9	29.9





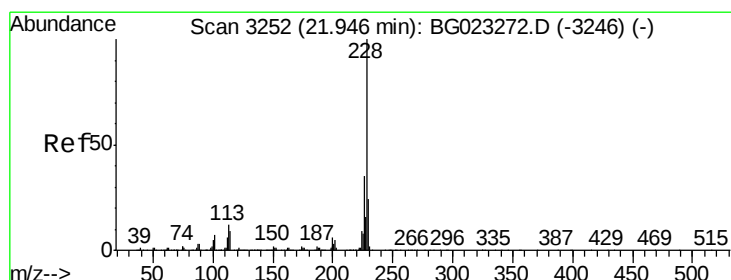
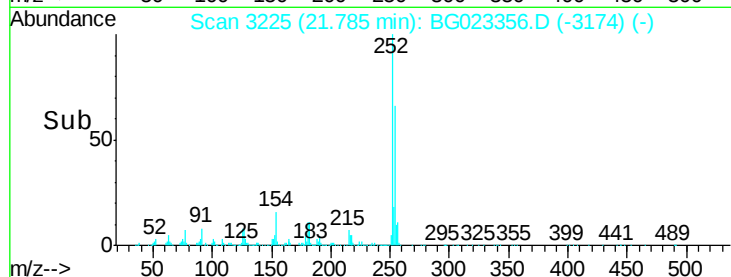
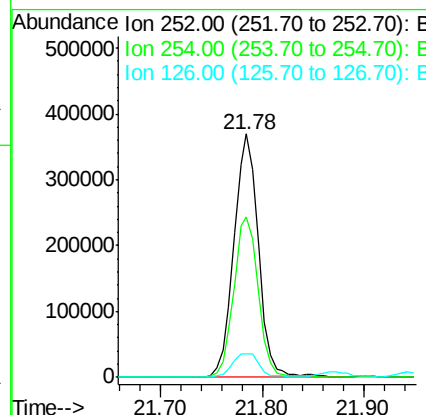
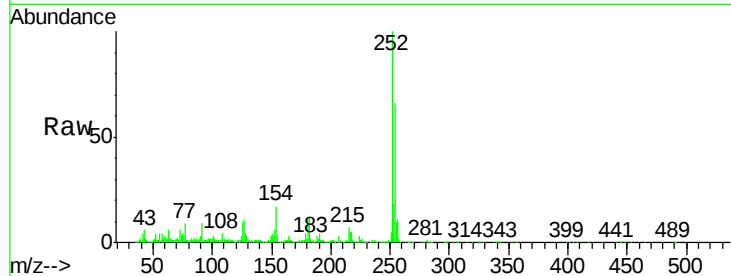
#81
 3,3'-Dichlorobenzidine
 Concen: 26.60 ng
 RT: 21.78 min Scan# 3225
 Delta R.T. 0.00 min
 Lab File: BG023356.D
 Acq: 30 Jul 2016 14:05

Instrument :
 BNA_G
 ClientSampleId :
 PB92565BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	66.0	51.2	76.8
126	9.6	5.3	7.9

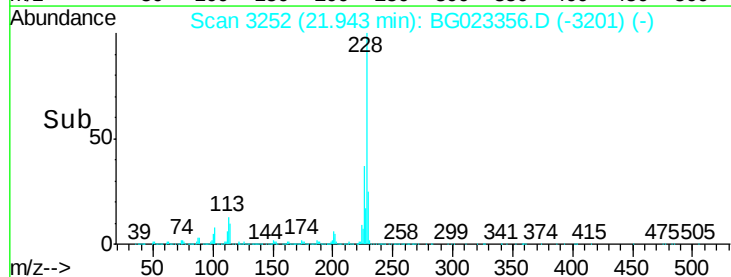
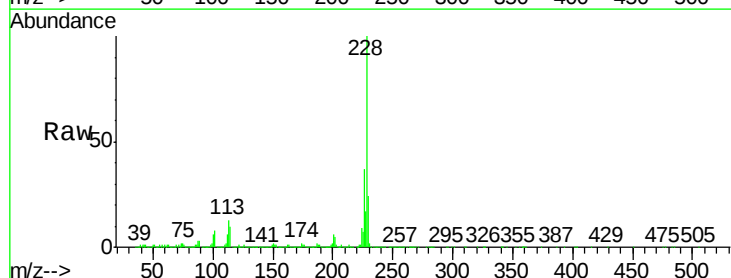
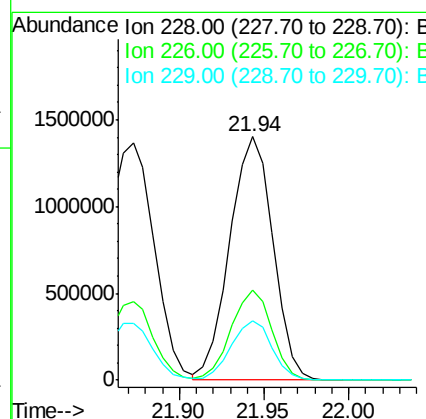
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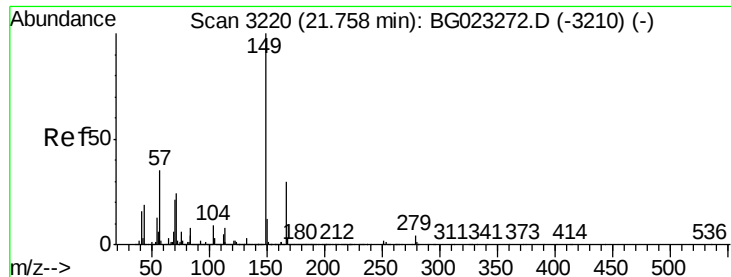
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#82
 Chrysene
 Concen: 45.01 ng
 RT: 21.94 min Scan# 3252
 Delta R.T. 0.00 min
 Lab File: BG023356.D
 Acq: 30 Jul 2016 14:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	37.2	26.7	40.1
229	24.5	17.4	26.2





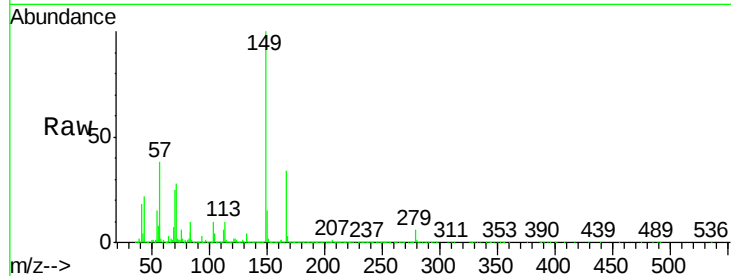
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 59.53 ng
 RT: 21.75 min Scan# 3219
 Delta R.T. -0.00 min
 Lab File: BG023356.D
 Acq: 30 Jul 2016 14:05

Instrument :
 BNA_G
 ClientSampleId :
 PB92565BS

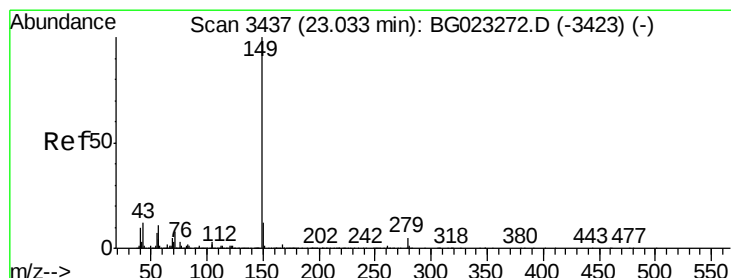
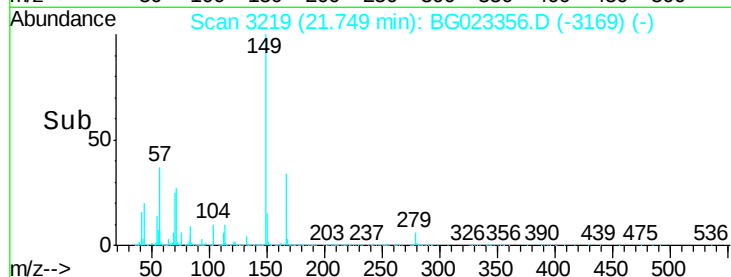
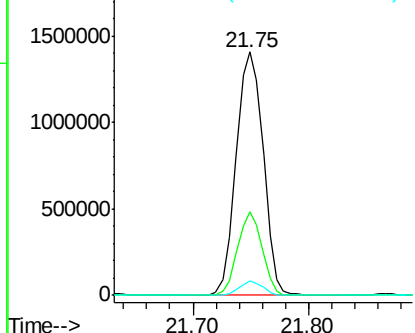
Tgt Ion:149 Resp: 2270753
 Ion Ratio Lower Upper
 149 100
 167 34.3 24.0 36.0
 279 5.8 4.8 7.2

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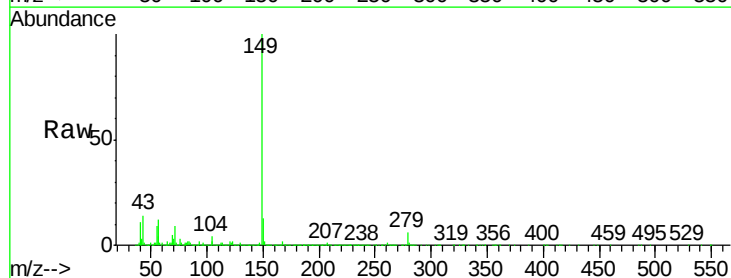


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

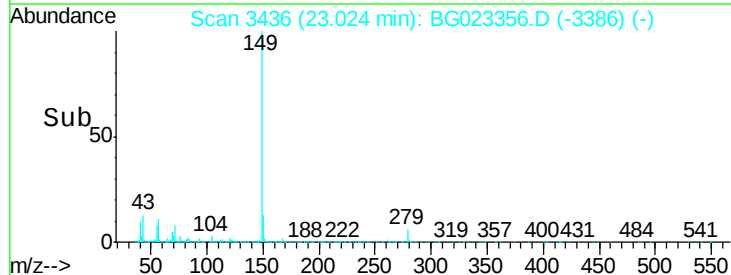
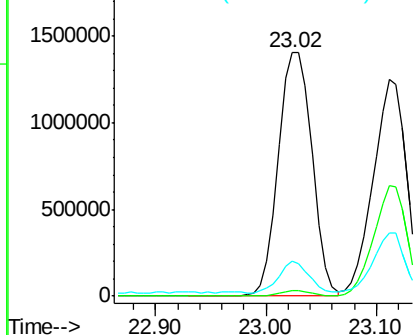


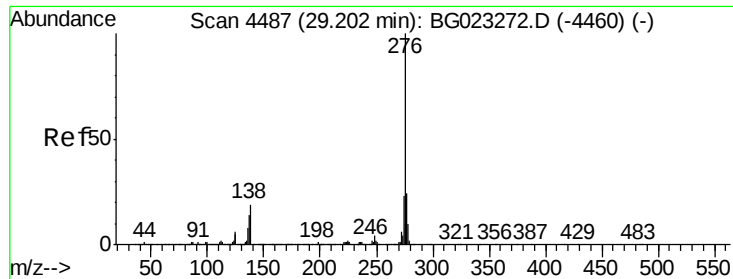
#84
 Di-n-octyl phthalate
 Concen: 47.24 ng
 RT: 23.02 min Scan# 3436
 Delta R.T. -0.00 min
 Lab File: BG023356.D
 Acq: 30 Jul 2016 14:05

Tgt Ion:149 Resp: 2947570
 Ion Ratio Lower Upper
 149 100
 167 2.0 1.5 2.3
 43 11.5 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





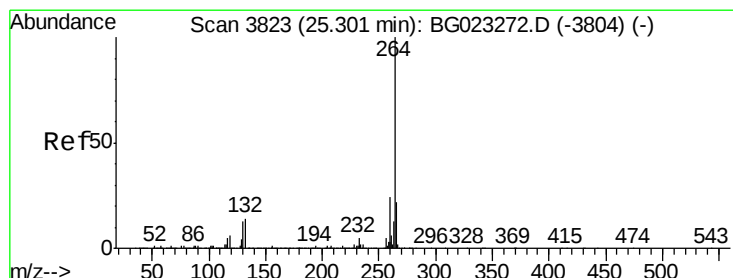
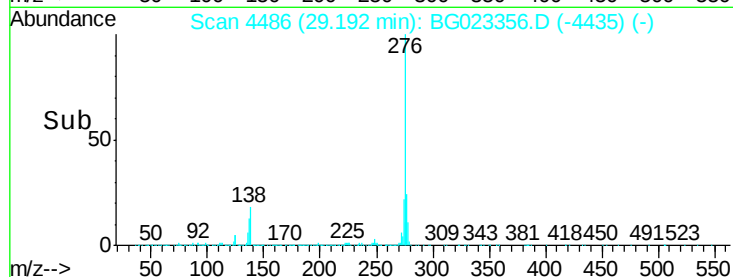
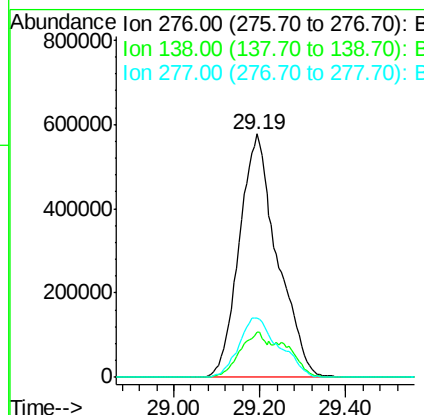
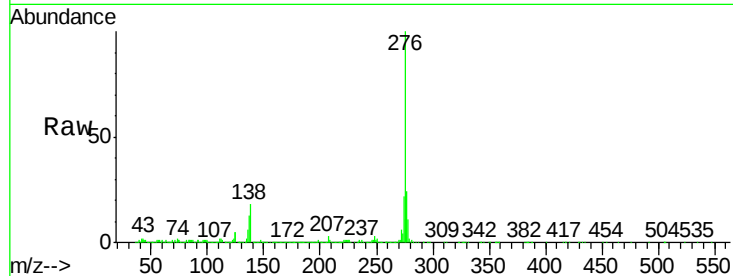
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 55.26 ng
 RT: 29.19 min Scan# 4486
 Delta R.T. 0.00 min
 Lab File: BG023356.D
 Acq: 30 Jul 2016 14:05

Instrument :
 BNA_G
 ClientSampleId :
 PB92565BS

Tgt Ion: 276 Resp: 3559703
 Ion Ratio Lower Upper
 276 100
 138 14.5 0.0 0.0#
 277 26.0 0.0 0.0#

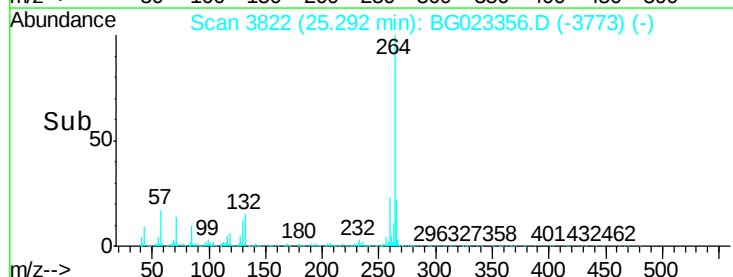
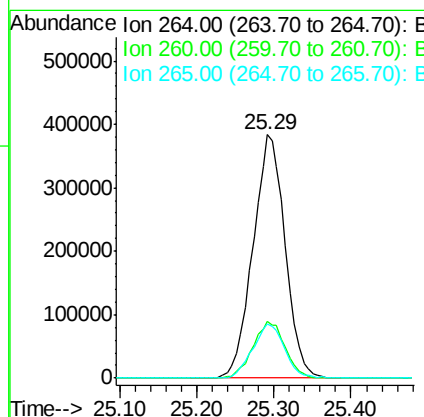
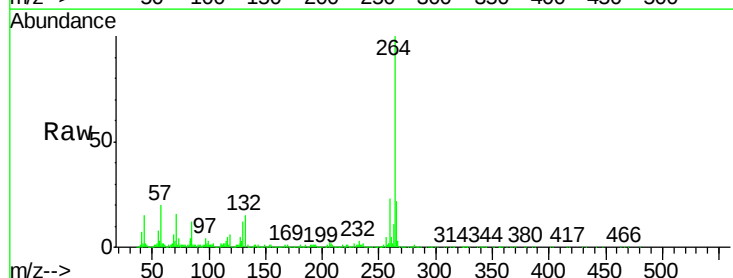
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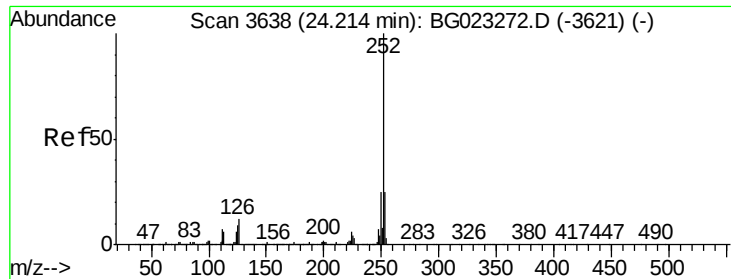
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.29 min Scan# 3822
 Delta R.T. -0.01 min
 Lab File: BG023356.D
 Acq: 30 Jul 2016 14:05

Tgt Ion: 264 Resp: 1115979
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.4 27.6
 265 22.5 18.9 28.3





#87

Benzo(b)fluoranthene

Concen: 47.65 ng

RT: 24.21 min Scan# 3638

Delta R.T. 0.00 min

Lab File: BG023356.D

Acq: 30 Jul 2016 14:05

Instrument :

BNA_G

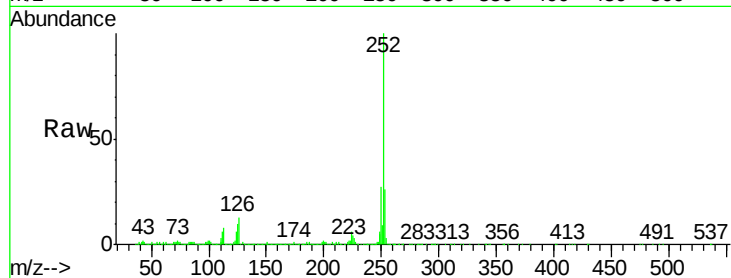
ClientSampleId :

PB92565BS

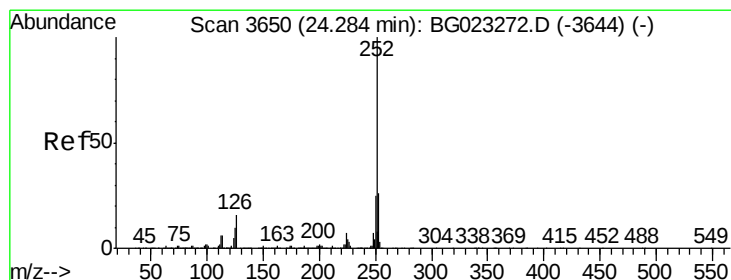
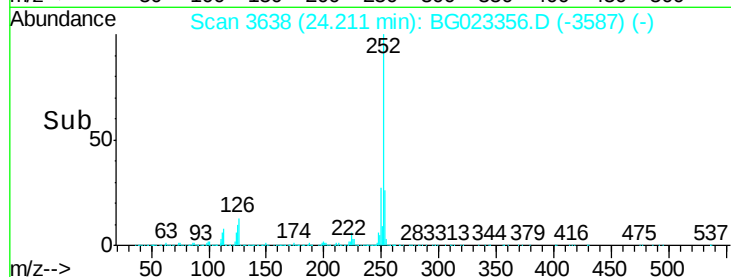
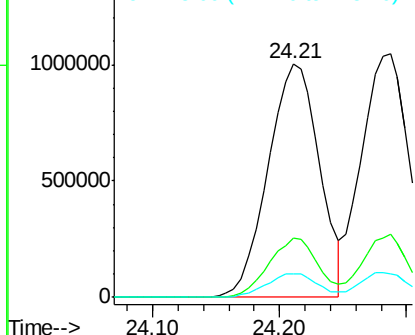
Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.6	18.9	28.3
125	9.9	3.9	5.9#

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 46.03 ng

RT: 24.29 min Scan# 3651

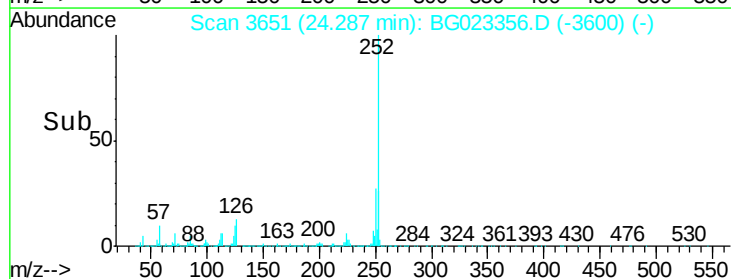
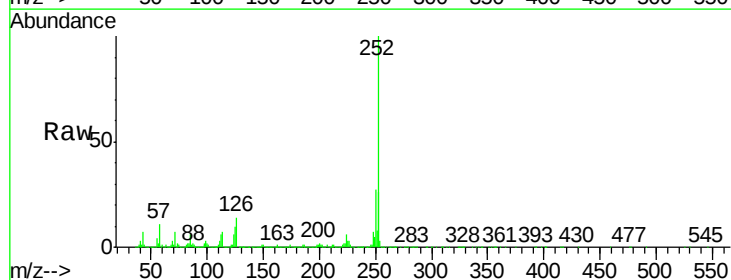
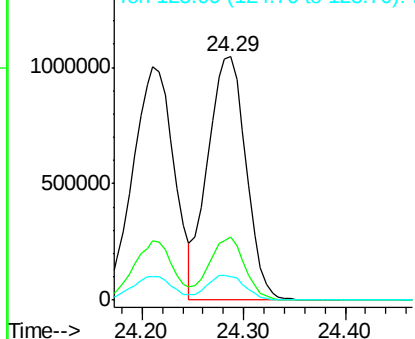
Delta R.T. 0.00 min

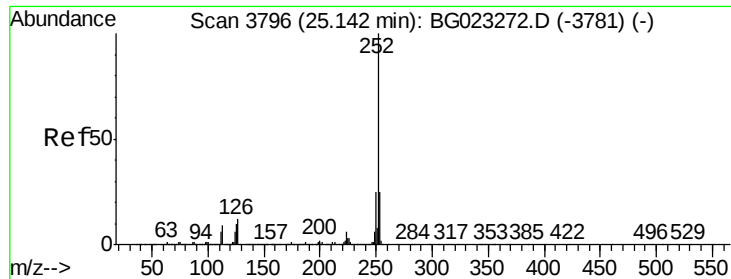
Lab File: BG023356.D

Acq: 30 Jul 2016 14:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.7	18.8	28.2
125	9.7	3.2	4.8#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 48.01 ng

RT: 25.14 min Scan# 3796

Delta R.T. 0.01 min

Lab File: BG023356.D

Acq: 30 Jul 2016 14:05

Instrument :

BNA_G

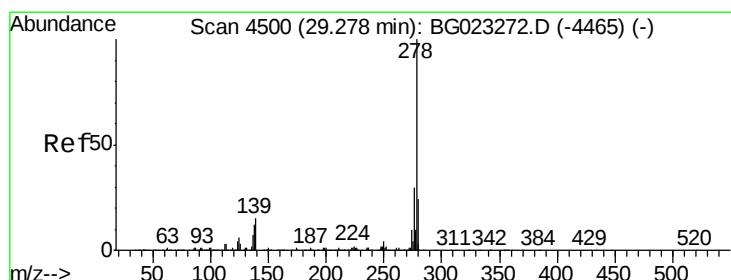
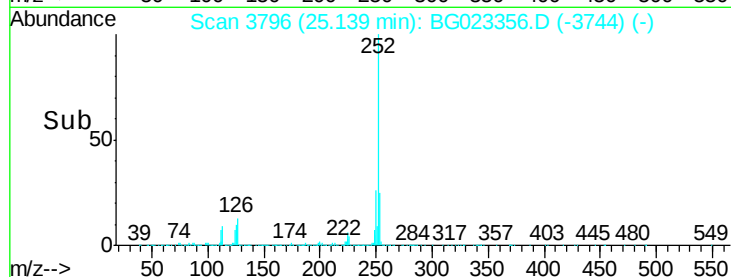
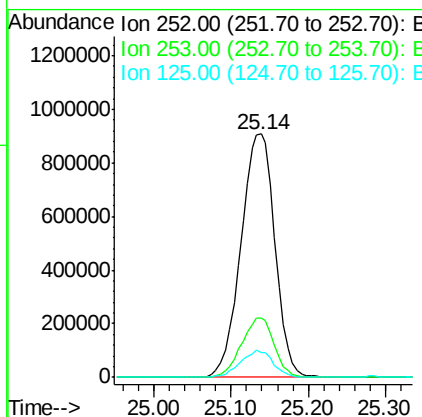
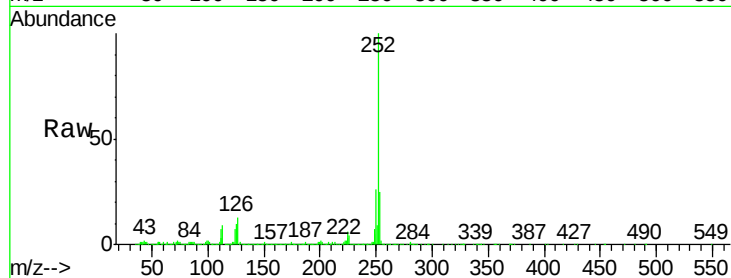
ClientSampleId :

PB92565BS

Tgt Ion:	252	Resp:	2789120
Ion Ratio	Lower	Upper	
252	100		
253	24.5	18.7	28.1
125	10.1	3.9	5.9#

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#90

Dibenzo(a,h)anthracene

Concen: 53.38 ng

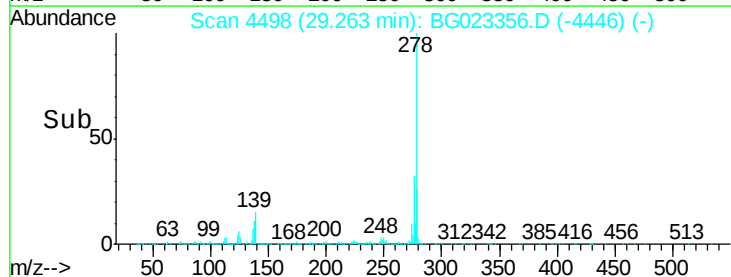
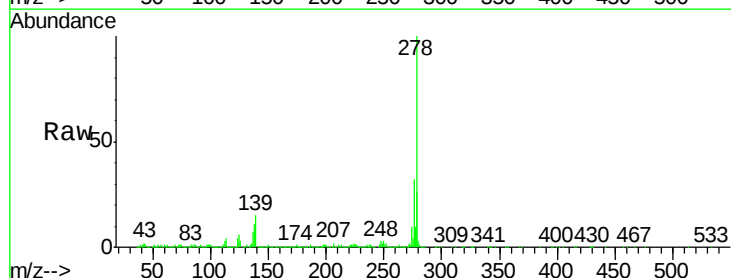
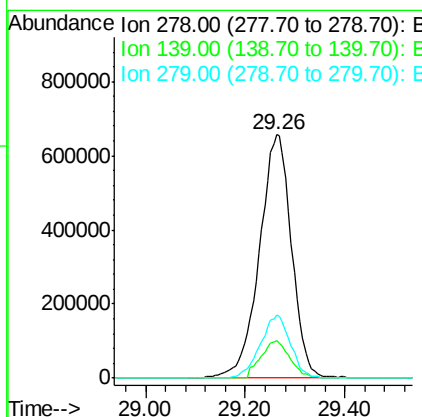
RT: 29.26 min Scan# 4498

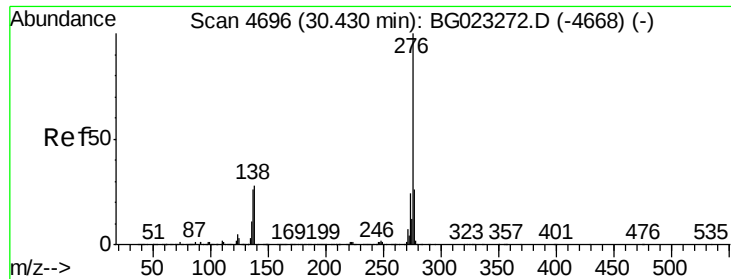
Delta R.T. 0.01 min

Lab File: BG023356.D

Acq: 30 Jul 2016 14:05

Tgt Ion:	278	Resp:	2933536
Ion Ratio	Lower	Upper	
278	100		
139	15.3	4.7	7.1#
279	26.1	18.3	27.5





#91
 Benzo(g,h,i)perylene
 Concen: 51.30 ng
 RT: 30.43 min Scan# 4696
 Delta R.T. 0.01 min
 Lab File: BG023356.D
 Acq: 30 Jul 2016 14:05

Instrument :
 BNA_G
 ClientSampleId :
 PB92565BS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.6	27.8
138	18.4	6.8	10.2

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