

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073116\
 Data File : BG023378.D
 Acq On : 31 Jul 2016 21:40
 Operator : UM/SJ
 Sample : H4223-03MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-32-16-17MS

Manual Integrations
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 8/1/2016 7:13:20 PM

Quant Time: Aug 01 03:04:19 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	8.12	152	180179	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	882739	20.00	ng	-0.03
38) Acenaphthene-d10	14.79	164	626168	20.00	ng	-0.02
63) Phenanthrene-d10	17.54	188	1446289	20.00	ng	-0.03
75) Chrysene-d12	21.86	240	1196676	20.00	ng	-0.03
86) Perylene-d12	25.24	264	1235731	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.67	112	1311911	124.30	ng	0.00
7) Phenol-d6	7.28	99	2037697	125.75	ng	0.00
23) Nitrobenzene-d5	9.30	82	1341083	74.29	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	987121	152.31	ng	-0.02
44) 2-Fluorobiphenyl	13.40	172	2657800	79.44	ng	-0.02
78) Terphenyl-d14	20.15	244	3011790	81.81	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	119811	26.47	ng	# 94
3) Pyridine	3.93	79	403575	25.47	ng	# 92
4) n-Nitrosodimethylamine	3.84	42	191996	26.82	ng	# 70
6) Aniline	7.45	93	858770	39.68	ng	95
8) 2-Chlorophenol	7.69	128	517355	43.93	ng	98
9) Benzaldehyde	7.25	77	355541	30.55	ng	92
10) Phenol	7.31	94	833109	48.73	ng	# 79
11) bis(2-Chloroethyl)ether	7.53	93	534710	36.80	ng	95
12) 1,3-Dichlorobenzene	8.01	146	484276	36.49	ng	94
13) 1,4-Dichlorobenzene	8.16	146	491849	36.33	ng	96
14) 1,2-Dichlorobenzene	8.48	146	492355	37.70	ng	94
15) Benzyl Alcohol	8.36	79	598461	54.88	ng	# 91
16) 2,2'-oxybis(1-Chloropropan	8.66	45	764144	33.04	ng	90
17) 2-Methylphenol	8.57	107	535141	45.79	ng	# 84
18) Hexachloroethane	9.22	117	183587	32.55	ng	94
19) n-Nitroso-di-n-propylamine	8.93	70	565678	38.81	ng	96
20) 3+4-Methylphenols	8.90	107	761579	47.93	ng	91
22) Acetophenone	8.95	105	806950	35.01	ng	# 88
24) Nitrobenzene	9.34	77	751524	35.85	ng	# 87
25) Isophorone	9.87	82	1512815	40.58	ng	# 92
26) 2-Nitrophenol	10.06	139	336339	42.48	ng	# 77
27) 2,4-Dimethylphenol	10.12	122	574576	43.05	ng	84
28) bis(2-Chloroethoxy)methane	10.35	93	871269	41.65	ng	98
29) 2,4-Dichlorophenol	10.60	162	629172	48.70	ng	98
30) 1,2,4-Trichlorobenzene	10.82	180	554032	38.80	ng	99
31) Naphthalene	11.00	128	1657468	40.41	ng	99
32) Benzoic acid	10.12	122	574576	52.06	ng	# 6
33) 4-Chloroaniline	11.12	127	715853	37.78	ng	92
34) Hexachlorobutadiene	11.28	225	333446	35.63	ng	98
35) Caprolactam	11.90	113	244533m	44.51	ng	
36) 4-Chloro-3-methylphenol	12.24	107	761609	44.87	ng	92
37) 2-Methylnaphthalene	12.61	142	1297264	42.66	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	12.98	216	614874	30.33	ng	98
40) Hexachlorocyclopentadiene	12.95	237	707675	73.67	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	538089	45.19	ng	98
43) 2,4,5-Trichlorophenol	13.30	196	581109	46.01	ng	96
45) 1,1'-Biphenyl	13.61	154	1583023	36.25	ng	91
46) 2-Chloronaphthalene	13.66	162	1389734	39.71	ng	96
47) 2-Nitroaniline	13.87	65	614582	41.52	ng	89
48) Acenaphthylene	14.51	152	2176656	40.63	ng	94
49) Dimethylphthalate	14.24	163	2376633	51.43	ng	# 93
50) 2,6-Dinitrotoluene	14.36	165	477134	44.09	ng	# 78
51) Acenaphthene	14.85	154	1407589	40.50	ng	99
52) 3-Nitroaniline	14.70	138	487771	44.75	ng	# 74
53) 2,4-Dinitrophenol	14.90	184	217371	34.31	ng	# 88
54) Dibenzofuran	15.19	168	2167899	44.08	ng	99
55) 4-Nitrophenol	15.01	139	741017	78.38	ng	# 74
56) 2,4-Dinitrotoluene	15.15	165	674414	44.26	ng	89
57) Fluorene	15.84	166	1817308	41.85	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.42	232	544991	50.96	ng	94
59) Diethylphthalate	15.59	149	1958942	41.39	ng	93
60) 4-Chlorophenyl-phenylether	15.82	204	957407	40.73	ng	98
61) 4-Nitroaniline	15.87	138	513127	44.90	ng	# 59
62) Azobenzene	16.12	77	2099672	42.79	ng	90
64) 4,6-Dinitro-2-methylphenol	15.92	198	371849	40.03	ng	93
65) n-Nitrosodiphenylamine	16.05	169	1693761	43.87	ng	# 92
66) 4-Bromophenyl-phenylether	16.73	248	674697	46.14	ng	95
67) Hexachlorobenzene	16.84	284	705871	48.01	ng	97
68) Atrazine	16.99	200	680645	45.95	ng	97
69) Pentachlorophenol	17.20	266	750679	82.72	ng	99
70) Phenanthrene	17.59	178	2723089	43.04	ng	# 89
71) Anthracene	17.68	178	2784800	43.57	ng	# 91
72) Carbazole	17.95	167	2529727	43.21	ng	93
73) Di-n-butylphthalate	18.49	149	2759460	42.25	ng	# 95
74) Fluoranthene	19.60	202	2801216	38.80	ng	89
76) Benzidine	19.78	184	1612793	47.92	ng	97
77) Pyrene	19.96	202	2809034	41.36	ng	94
79) Butylbenzylphthalate	20.84	149	1249825	41.83	ng	96
80) Benzo(a)anthracene	21.84	228	2618879	41.80	ng	97
81) 3,3'-Dichlorobenzidine	21.75	252	981076	38.62	ng	# 97
82) Chrysene	21.91	228	2446609	40.42	ng	94
83) Bis(2-ethylhexyl)phthalate	21.72	149	1712742	40.97	ng	97
84) Di-n-octyl phthalate	22.99	149	2871987	42.00	ng	100
85) Indeno(1,2,3-cd)pyrene	29.10	276	3383911	47.92	ng	# 100
87) Benzo(b)fluoranthene	24.16	252	2827911	43.08	ng	# 95
88) Benzo(k)fluoranthene	24.23	252	2712444	41.33	ng	# 94
89) Benzo(a)pyrene	25.08	252	2772375	43.10	ng	# 95
90) Dibenzo(a,h)anthracene	29.17	278	2822851	46.39	ng	# 94
91) Benzo(g,h,i)perylene	30.32	276	2796861	43.66	ng	# 89

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

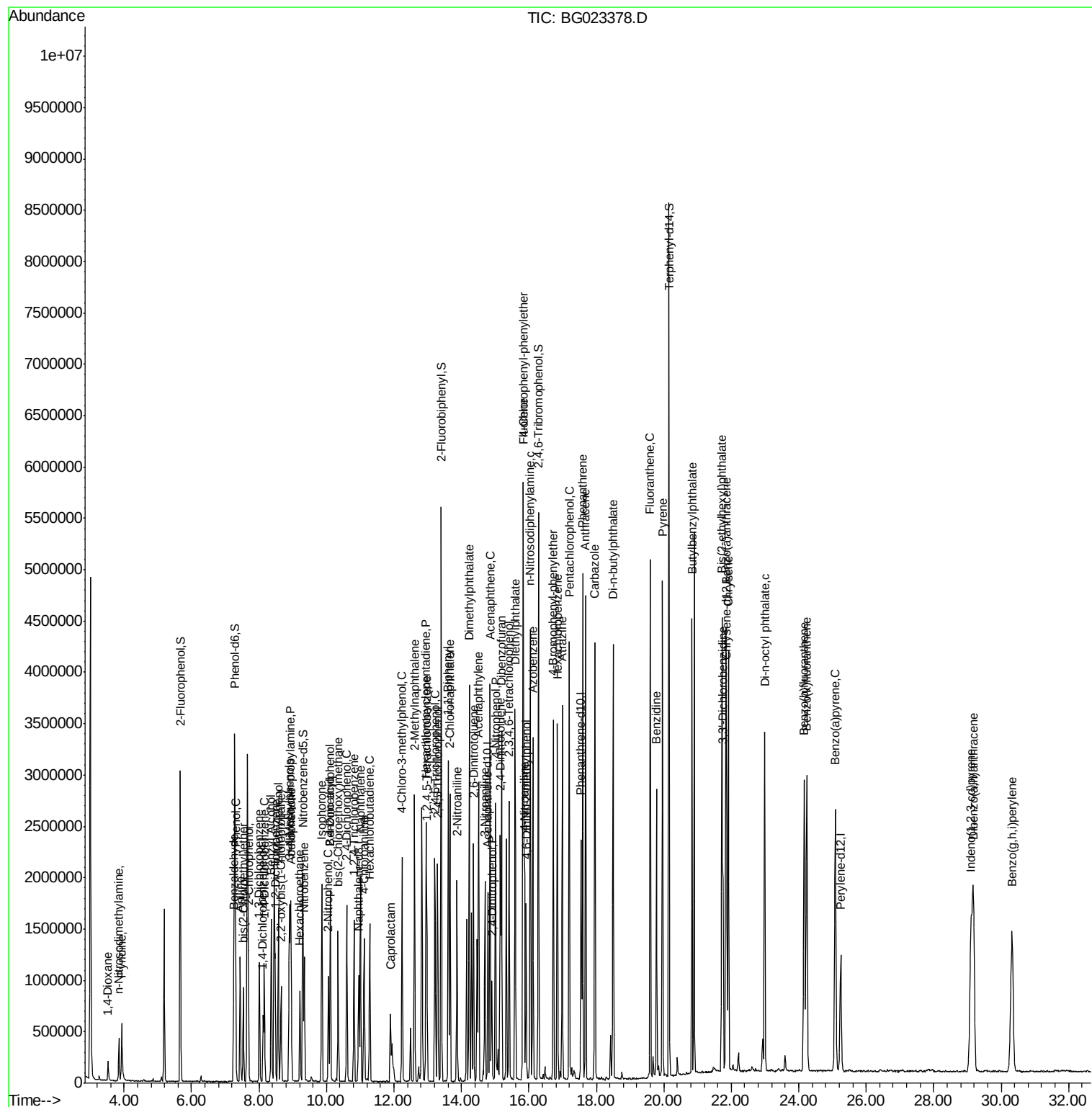
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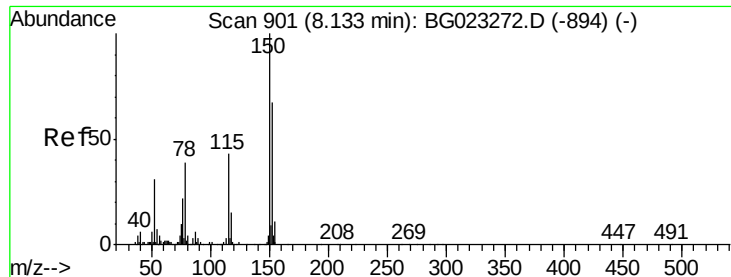
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 899

Delta R.T. -0.02 min

Lab File: BG023378.D

Acq: 31 Jul 2016 21:40

Instrument :

BNA_G

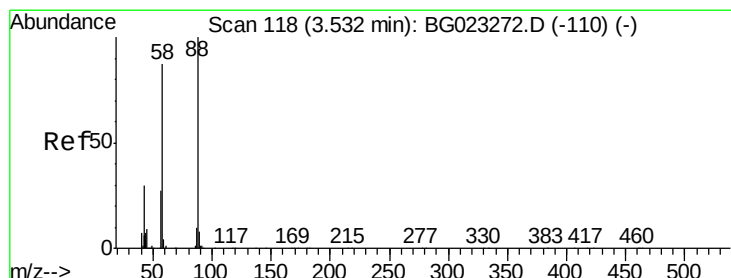
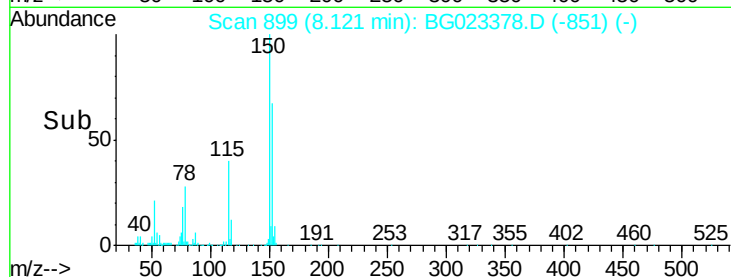
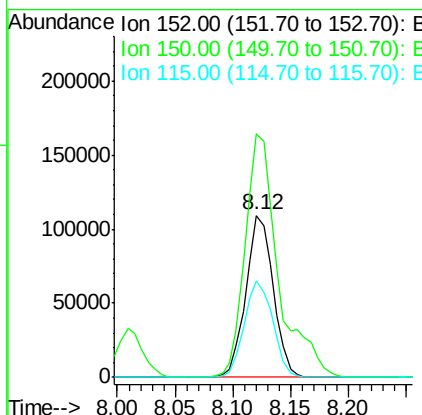
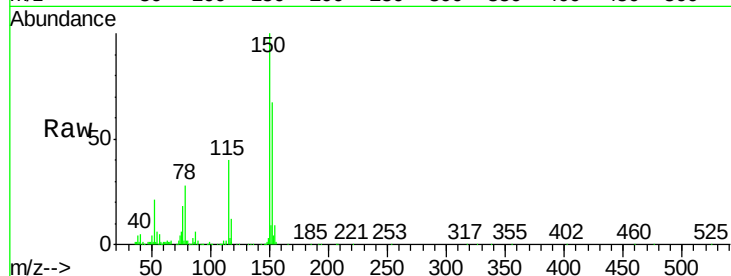
ClientSampleId :

SB-32-16-17MS

Tgt Ion:	152	Resp:	180179
Ion Ratio	Lower	Upper	
152	100		
150	150.1	144.7	217.1
115	59.6	64.0	96.0#

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#2

1,4-Dioxane

Concen: 26.47 ng

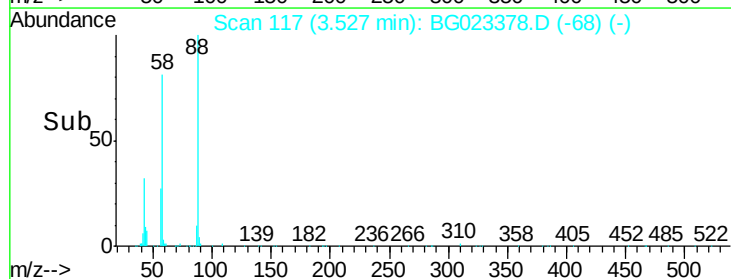
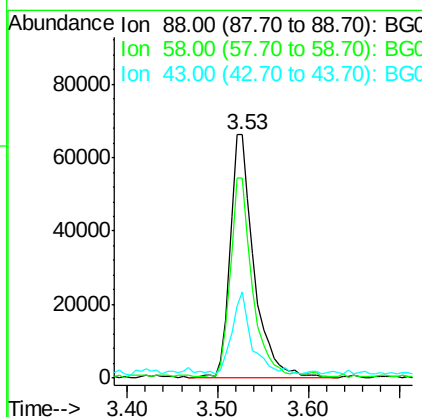
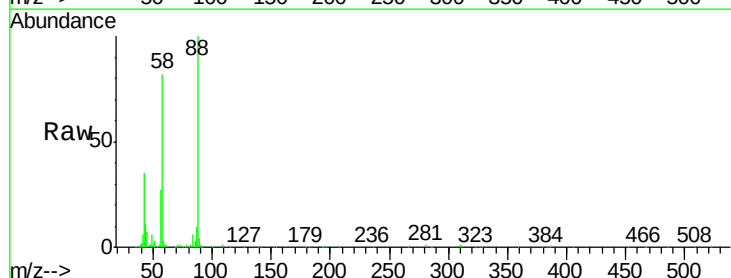
RT: 3.53 min Scan# 117

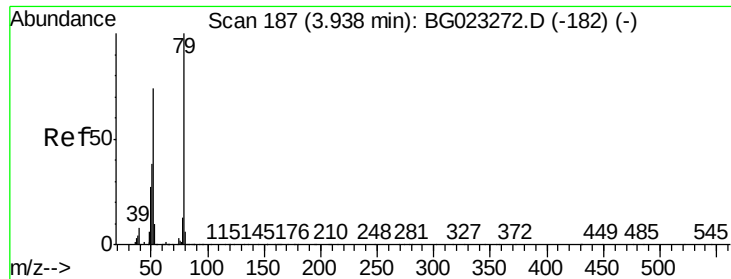
Delta R.T. -0.01 min

Lab File: BG023378.D

Acq: 31 Jul 2016 21:40

Tgt Ion:	88	Resp:	119811
Ion Ratio	Lower	Upper	
88	100		
58	76.4	60.4	90.6
43	28.9	31.1	46.7#





#3

Pyridine

Concen: 25.47 ng

RT: 3.93 min Scan# 186

Delta R.T. -0.03 min

Lab File: BG023378.D

Acq: 31 Jul 2016 21:40

Instrument :

BNA_G

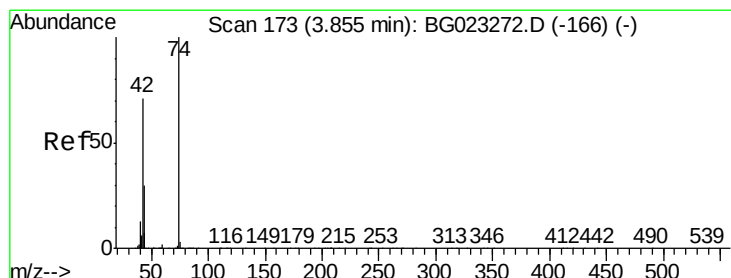
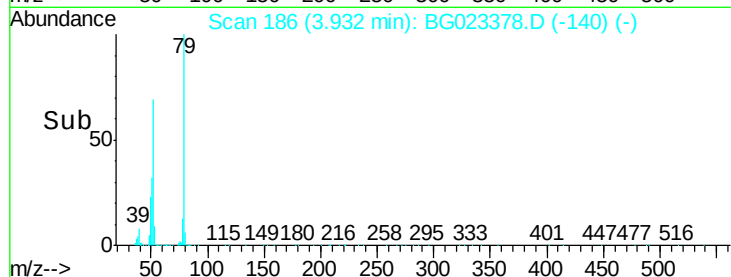
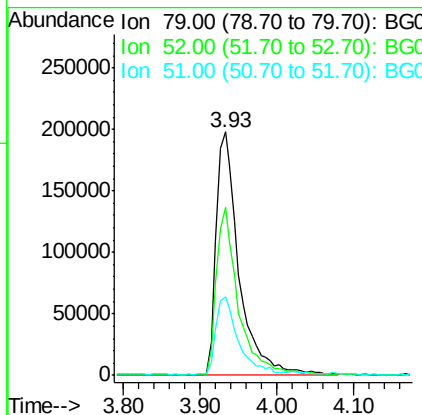
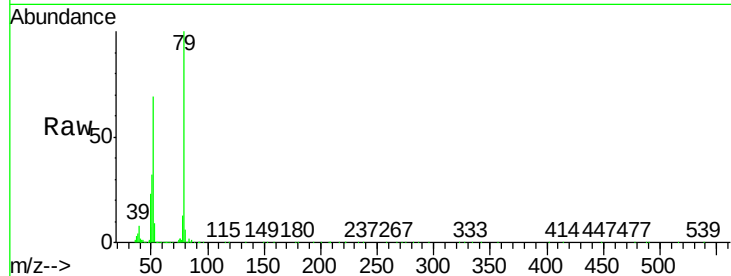
ClientSampleId :

SB-32-16-17MS

Tgt Ion	Ratio	Lower	Upper
79	100		
52	68.9	51.8	77.8
51	32.4	32.7	49.1#

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#4

n-Nitrosodimethylamine

Concen: 26.82 ng

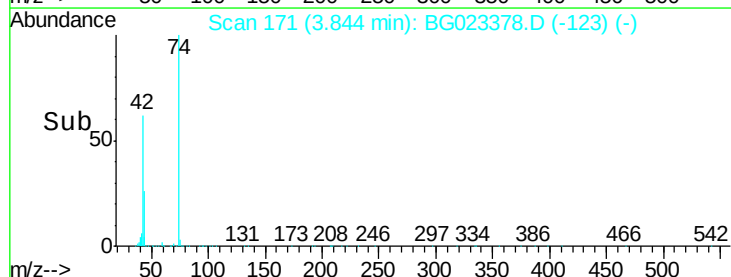
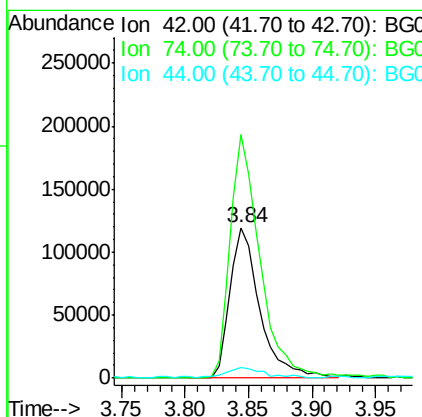
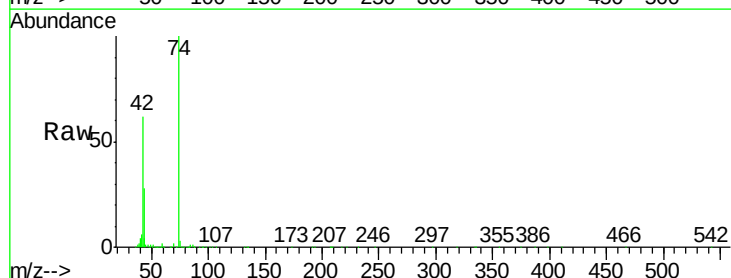
RT: 3.84 min Scan# 171

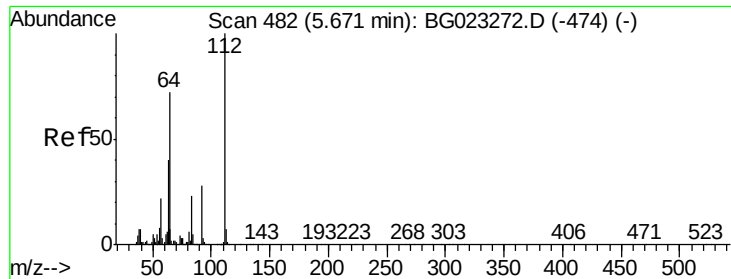
Delta R.T. -0.02 min

Lab File: BG023378.D

Acq: 31 Jul 2016 21:40

Tgt Ion	Ratio	Lower	Upper
42	100		
74	161.5	100.6	150.8#
44	7.0	4.5	6.7#





#5

2-Fluorophenol

Concen: 124.30 ng

RT: 5.67 min Scan# 481

Delta R.T. -0.01 min

Lab File: BG023378.D

Acq: 31 Jul 2016 21:40

Instrument :

BNA_G

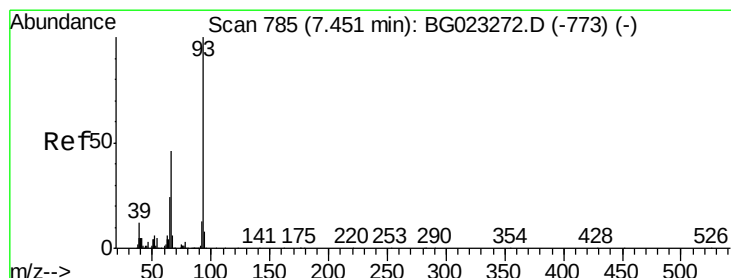
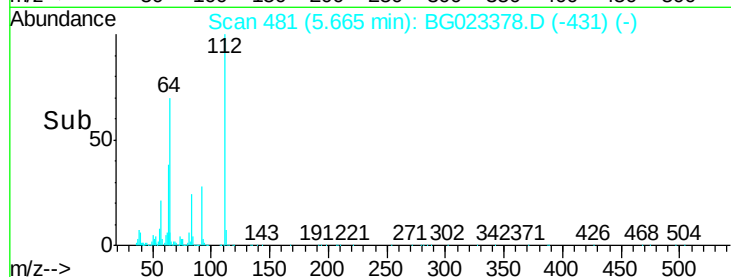
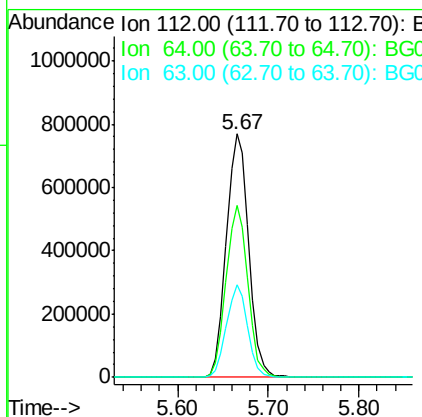
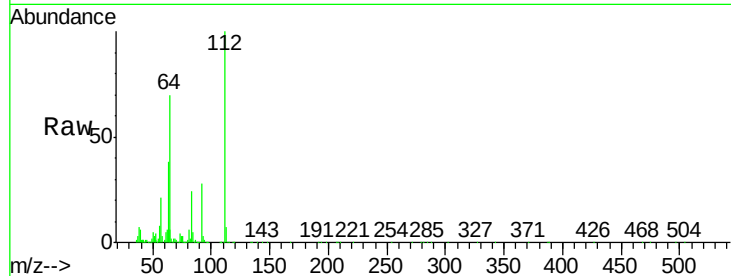
ClientSampleId :

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Tgt Ion:	112	Resp:	1311911
Ion Ratio	Lower	Upper	
112	100		
64	70.4	59.0	88.4
63	37.8	37.8	56.8#

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#6

Aniline

Concen: 39.68 ng

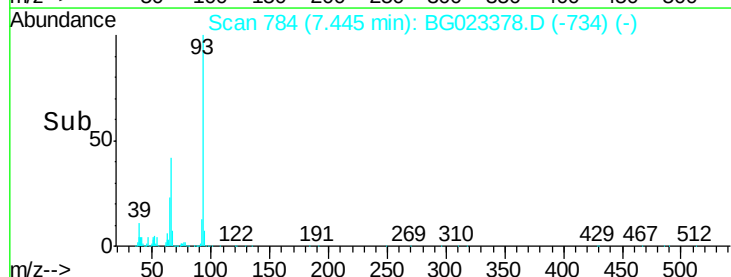
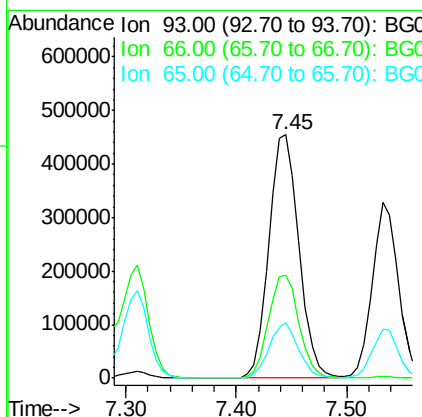
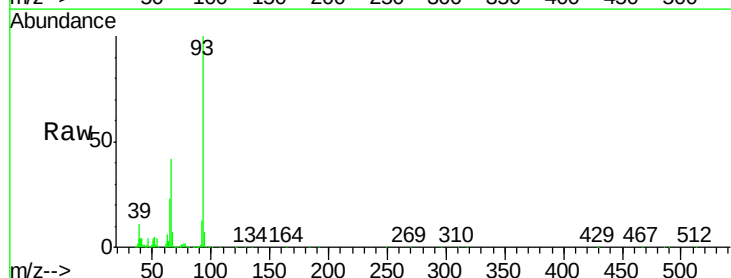
RT: 7.45 min Scan# 784

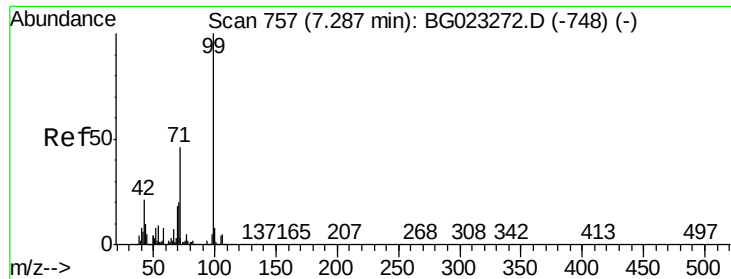
Delta R.T. -0.01 min

Lab File: BG023378.D

Acq: 31 Jul 2016 21:40

Tgt Ion:	93	Resp:	858770
Ion Ratio	Lower	Upper	
93	100		
66	42.1	37.5	56.3
65	22.8	17.9	26.9





#7

Phenol-d6

Concen: 125.75 ng

RT: 7.28 min Scan# 756

Delta R.T. -0.01 min

Lab File: BG023378.D

Acq: 31 Jul 2016 21:40

Instrument :

BNA_G

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SB-32-16-17MS

Tgt Ion: 99 Resp: 2037697

Ion Ratio Lower Upper

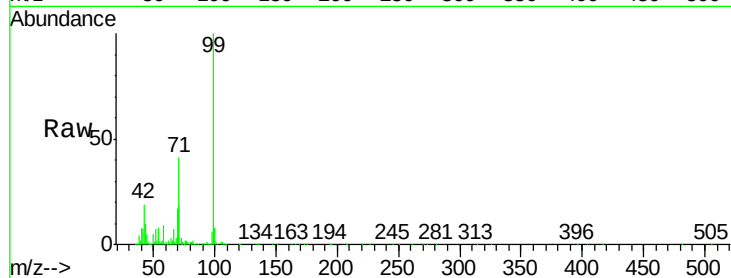
99 100

42 18.6 17.8 26.6

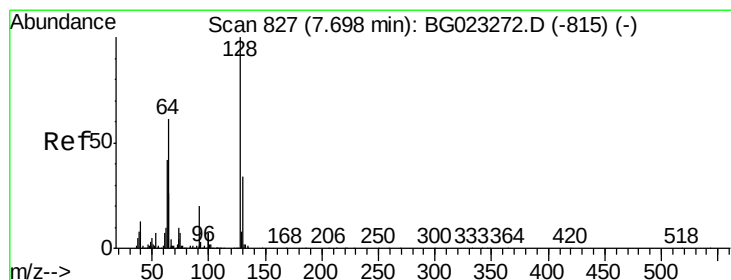
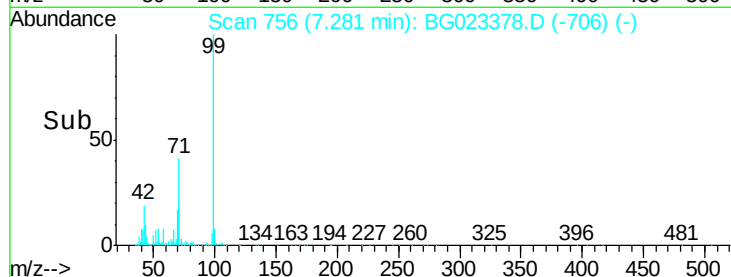
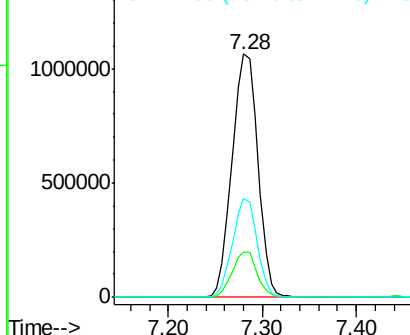
71 40.5 41.5 62.3#

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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: 43.93 ng

RT: 7.69 min Scan# 825

Delta R.T. -0.01 min

Lab File: BG023378.D

Acq: 31 Jul 2016 21:40

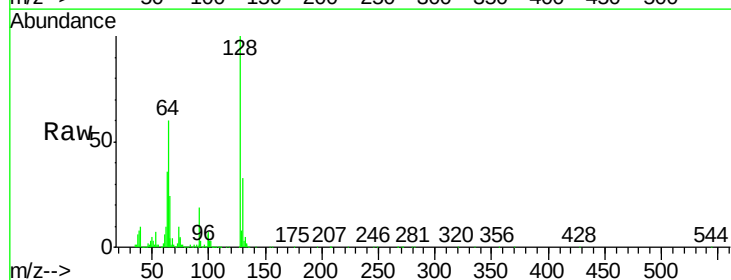
Tgt Ion: 128 Resp: 517355

Ion Ratio Lower Upper

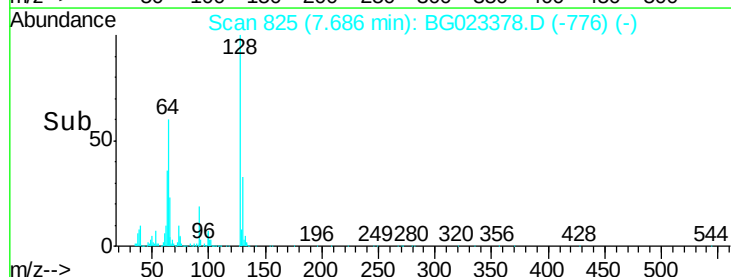
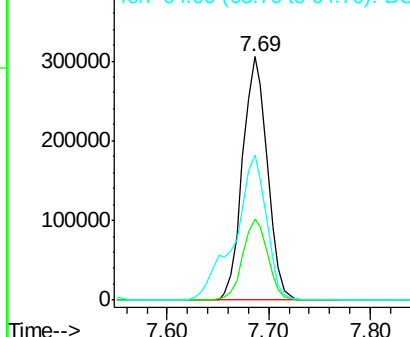
128 100

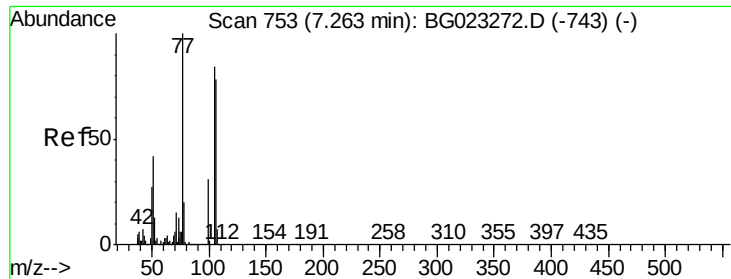
130 33.4 12.9 52.9

64 59.8 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: 30.55 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.02 min

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Acq: 31 Jul 2016 21:40

Instrument :

BNA_G

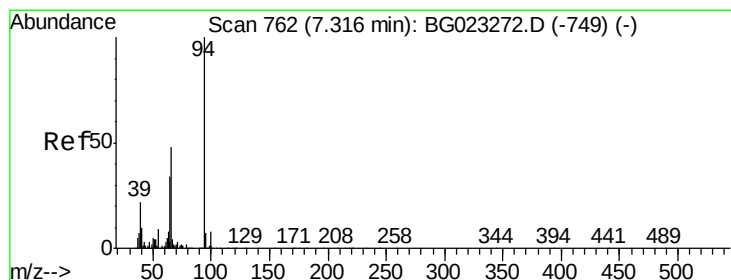
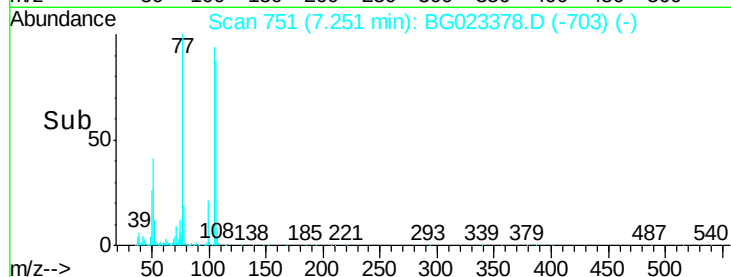
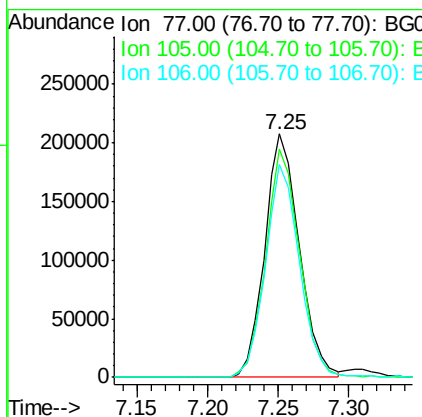
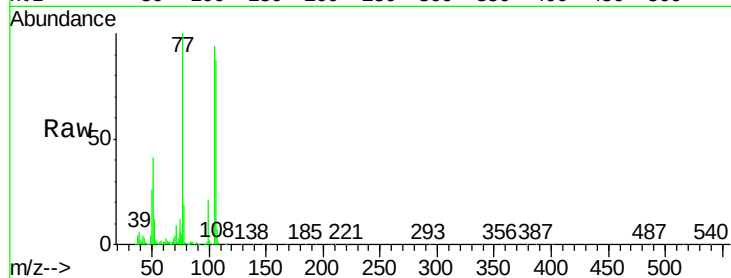
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Tgt Ion	Ratio	Lower	Upper
77	100		
105	93.6	58.7	98.7
106	87.3	67.5	107.5

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#10

Phenol

Concen: 48.73 ng

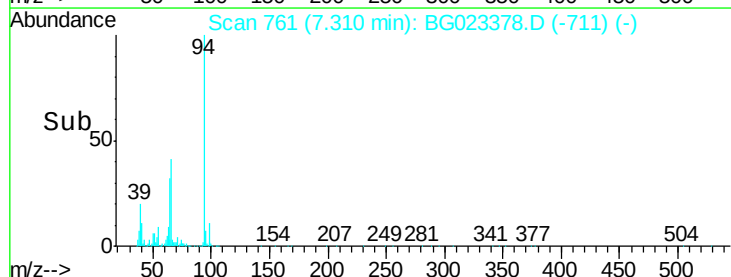
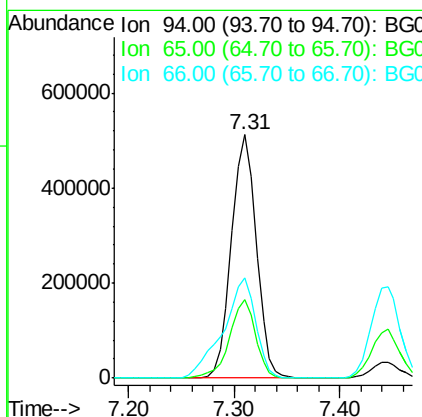
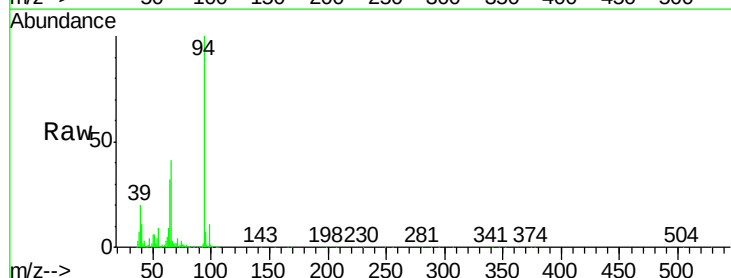
RT: 7.31 min Scan# 761

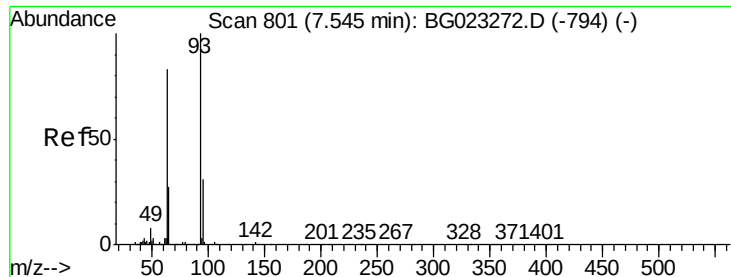
Delta R.T. -0.01 min

Lab File: BG023378.D

Acq: 31 Jul 2016 21:40

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.1	18.1	58.1
66	41.1	42.1	82.1





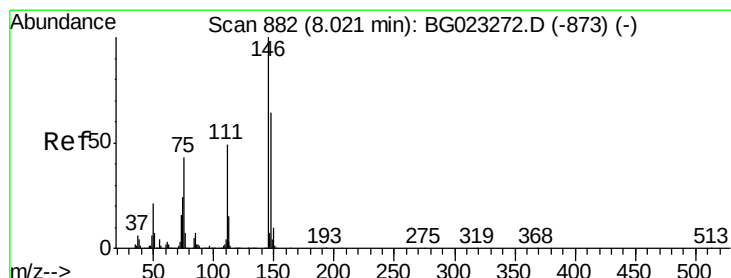
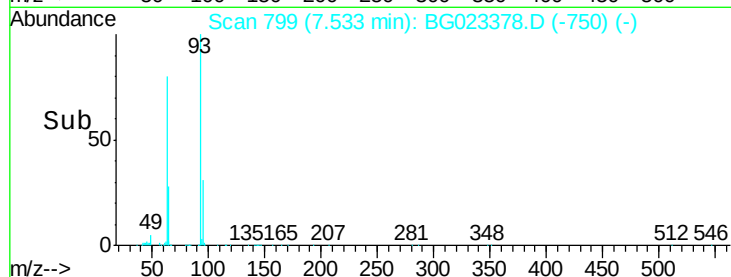
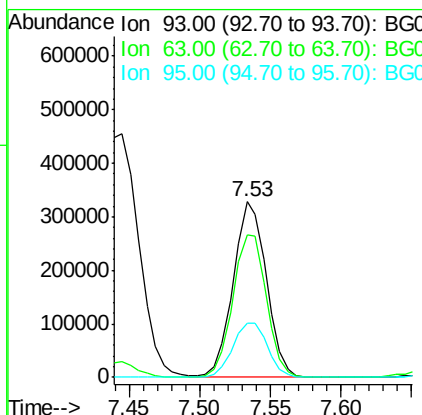
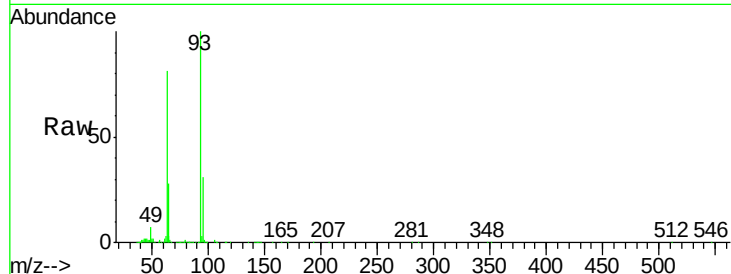
#11
bis(2-Chloroethyl)ether
Concen: 36.80 ng
RT: 7.53 min Scan# 799
Delta R.T. -0.01 min
Lab File: BG023378.D
Acq: 31 Jul 2016 21:40

Instrument :
BNA_G
ClientSampleId :
SB-32-16-17MS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	81.2	55.0	95.0
95	31.3	11.0	51.0

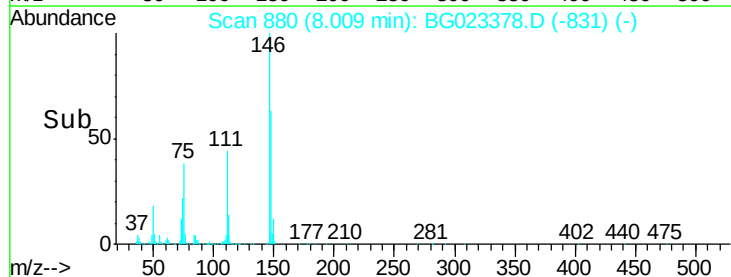
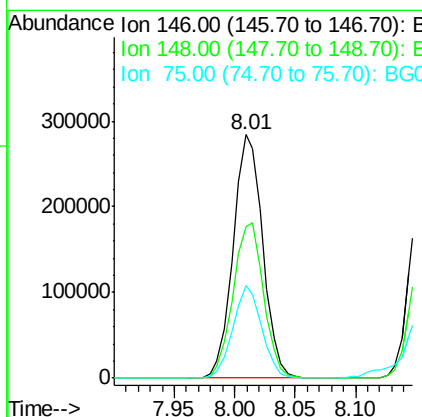
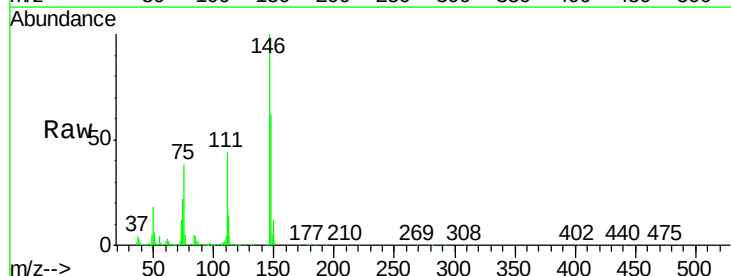
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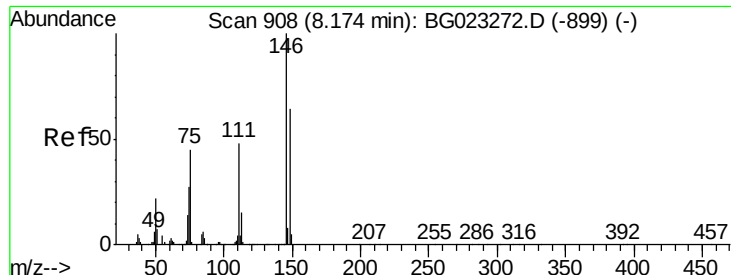
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#12
1,3-Dichlorobenzene
Concen: 36.49 ng
RT: 8.01 min Scan# 880
Delta R.T. -0.01 min
Lab File: BG023378.D
Acq: 31 Jul 2016 21:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.5	50.3	75.5
75	38.0	37.0	55.6





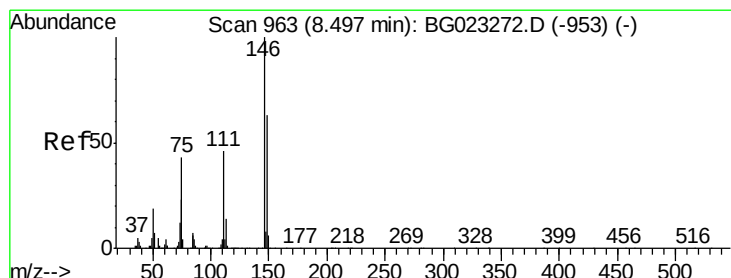
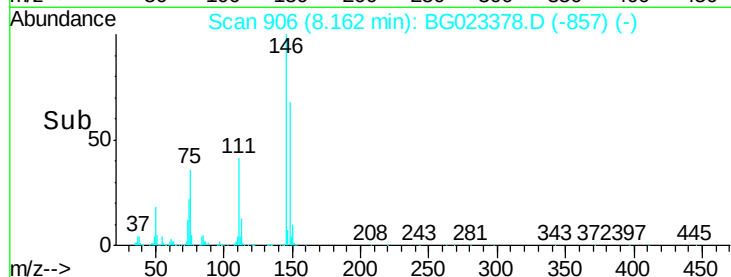
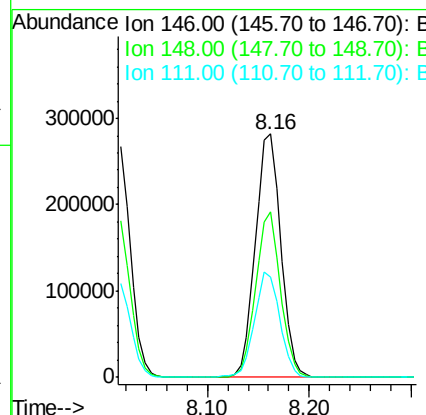
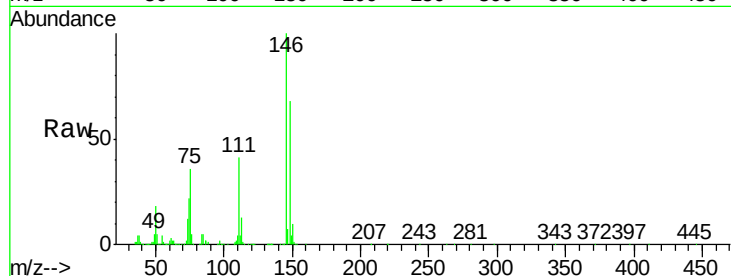
#13
1,4-Dichlorobenzene
Concen: 36.33 ng
RT: 8.16 min Scan# 906
Delta R.T. -0.01 min
Lab File: BG023378.D
Acq: 31 Jul 2016 21:40

Instrument :
BNA_G
ClientSampleId :
SB-32-16-17MS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.8	54.5	81.7
111	41.4	37.8	56.8

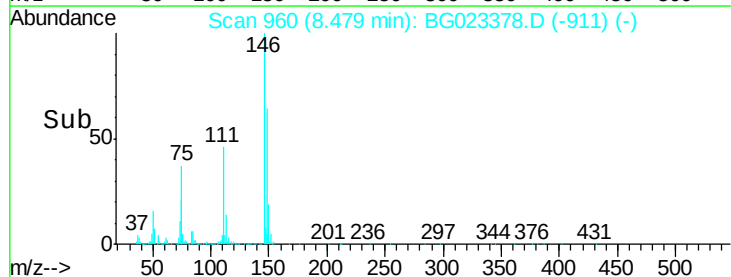
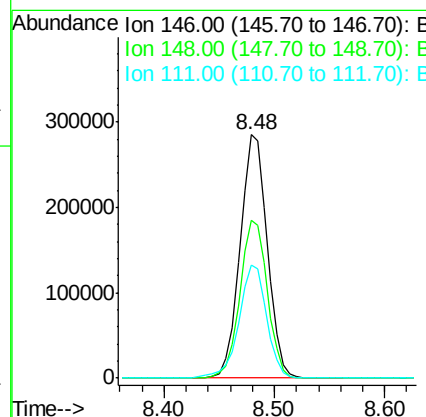
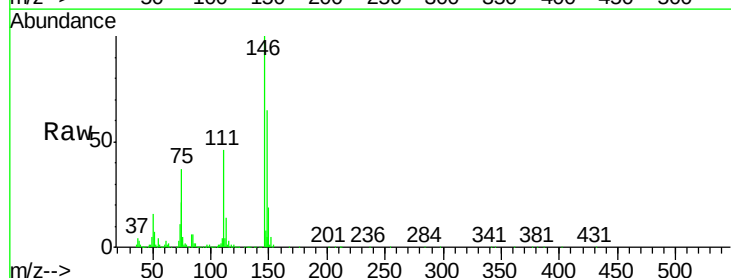
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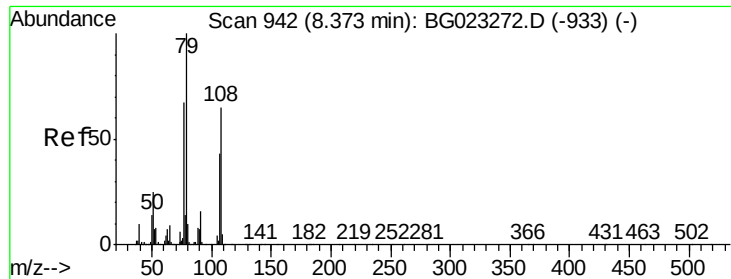
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#14
1,2-Dichlorobenzene
Concen: 37.70 ng
RT: 8.48 min Scan# 960
Delta R.T. -0.01 min
Lab File: BG023378.D
Acq: 31 Jul 2016 21:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	52.9	79.3
111	46.2	43.5	65.3





#15

Benzyl Alcohol

Concen: 54.88 ng

RT: 8.36 min Scan# 940

Delta R.T. -0.02 min

Lab File: BG023378.D

Acq: 31 Jul 2016 21:40

Instrument :

BNA_G

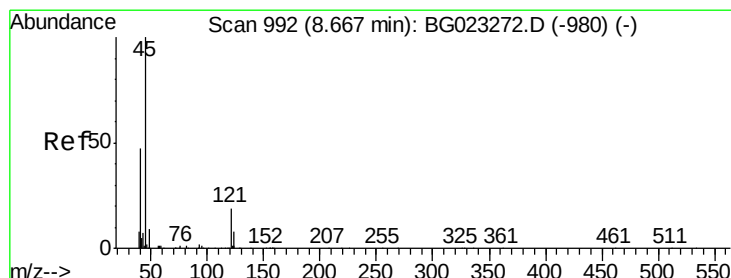
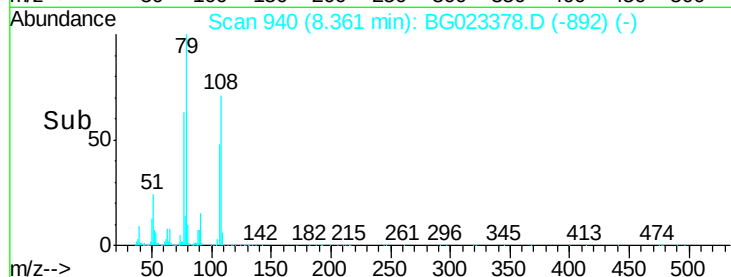
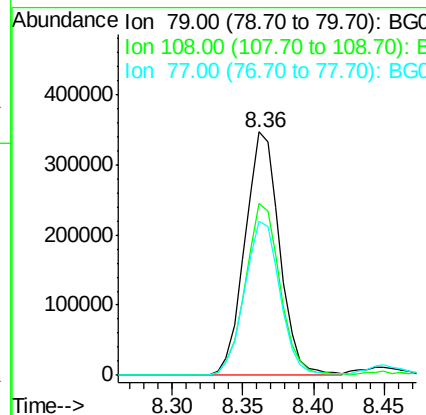
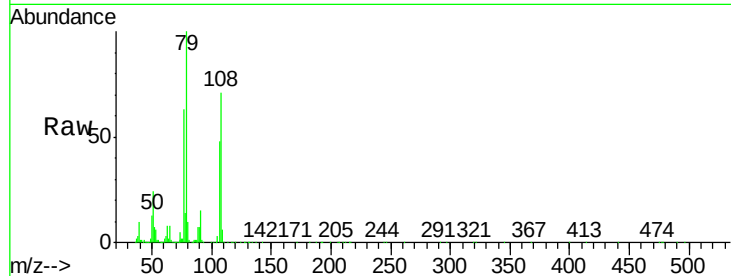
ClientSampleId :

SB-32-16-17MS

Tgt Ion:	79	Resp:	598461
Ion Ratio	Lower	Upper	
79	100		
108	70.8	46.5	69.7#
77	63.5	52.3	78.5

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.04 ng

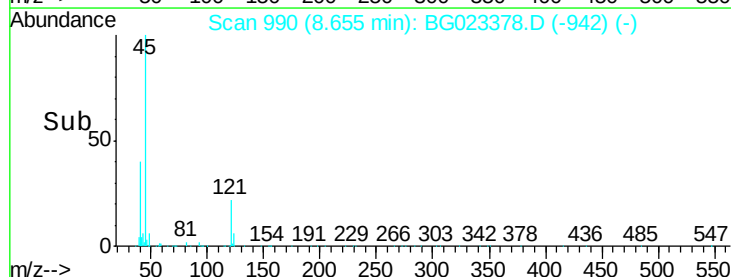
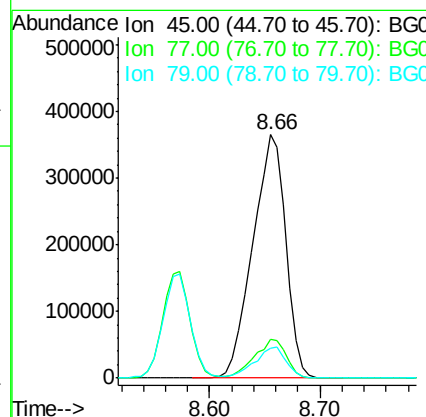
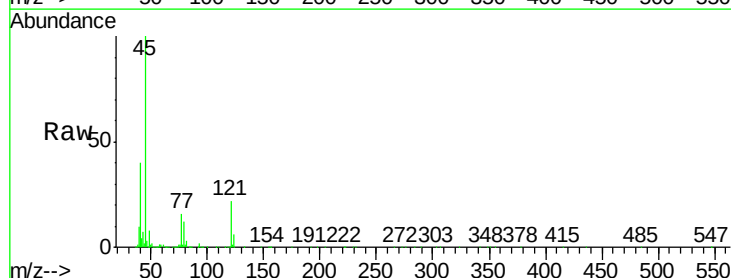
RT: 8.66 min Scan# 990

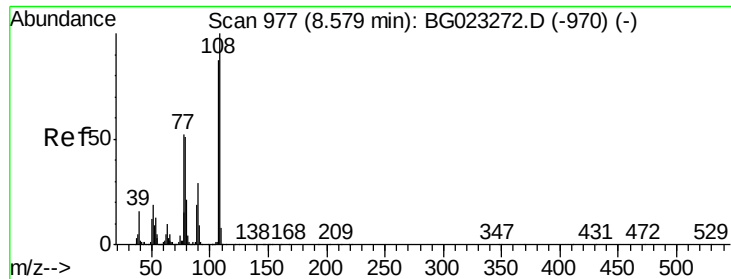
Delta R.T. -0.02 min

Lab File: BG023378.D

Acq: 31 Jul 2016 21:40

Tgt Ion:	45	Resp:	764144
Ion Ratio	Lower	Upper	
45	100		
77	15.9	0.6	40.6
79	12.3	0.0	36.2





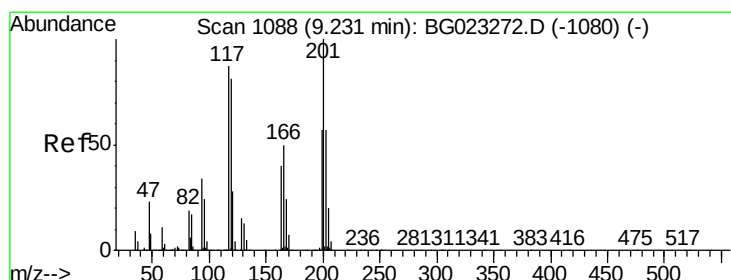
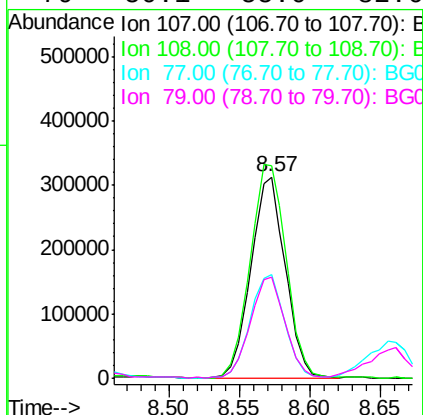
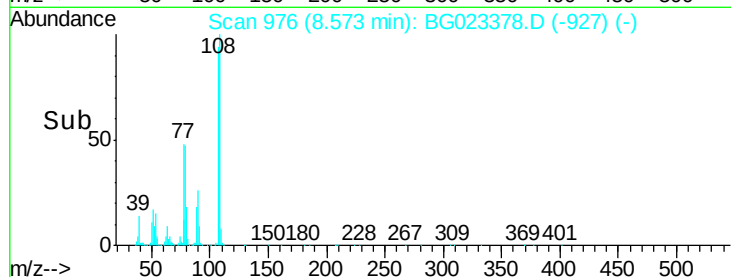
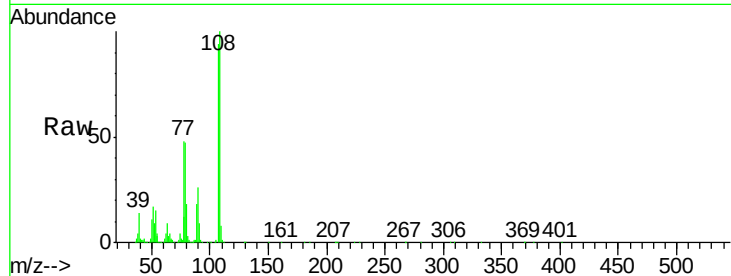
#17
2-Methylphenol
Concen: 45.79 ng
RT: 8.57 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG023378.D
Acq: 31 Jul 2016 21:40

Instrument :
BNA_G
ClientSampleId :
SB-32-16-17MS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	535141		
108	105.9	92.0	138.0	
77	51.2	55.8	83.6	
79	50.1	55.0	82.6	

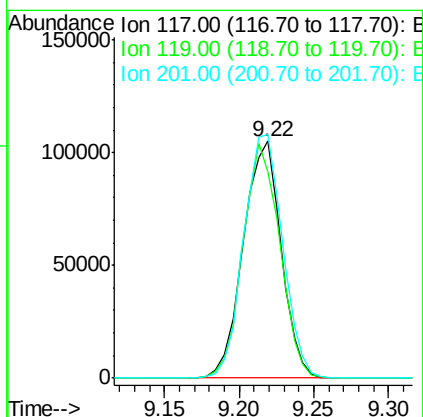
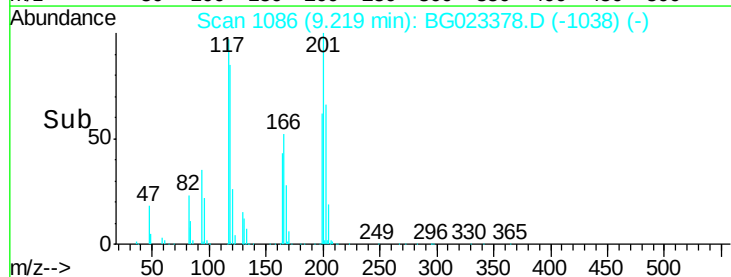
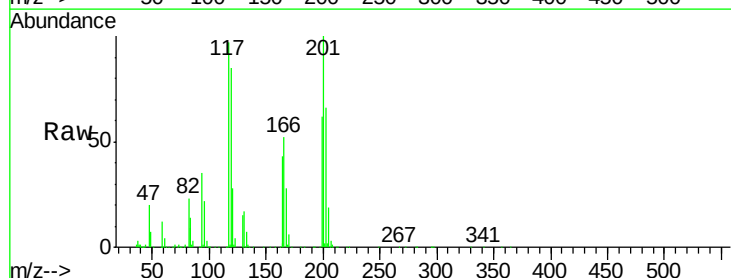
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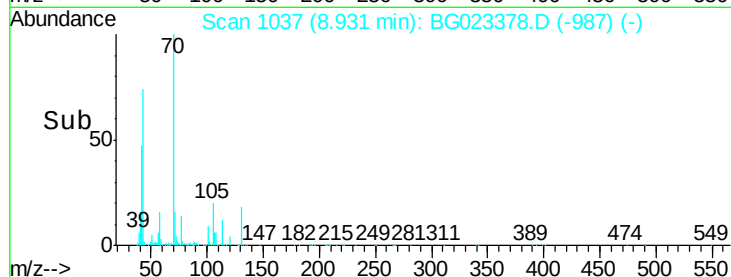
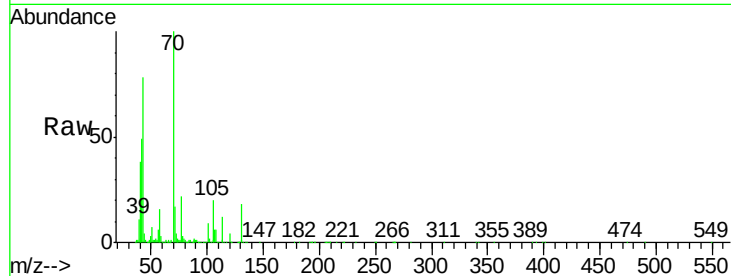
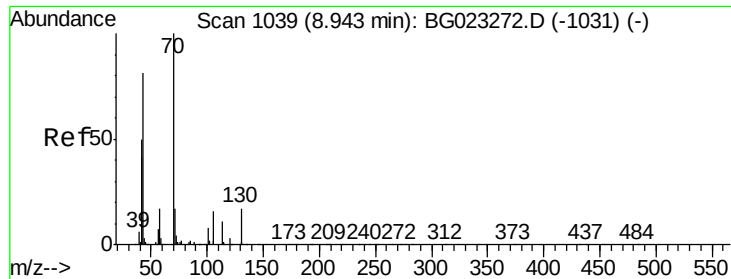
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#18
Hexachloroethane
Concen: 32.55 ng
RT: 9.22 min Scan# 1086
Delta R.T. -0.02 min
Lab File: BG023378.D
Acq: 31 Jul 2016 21:40

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	183587		
119	87.3	73.7	110.5	
201	102.8	88.7	133.1	





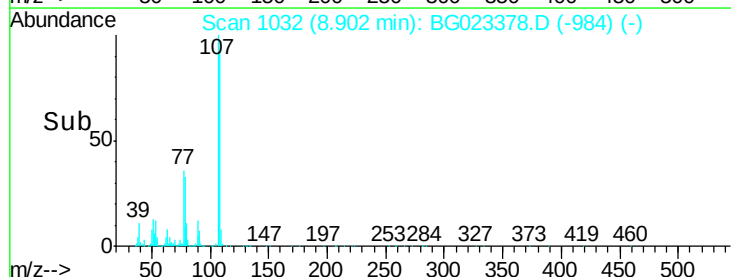
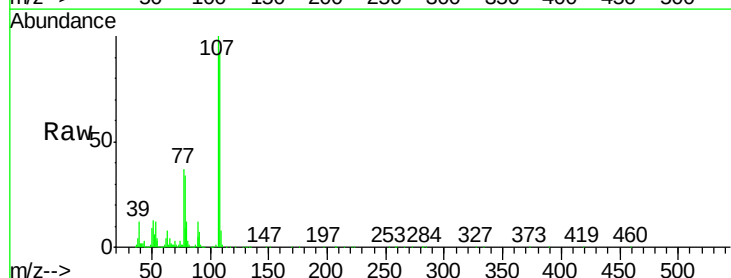
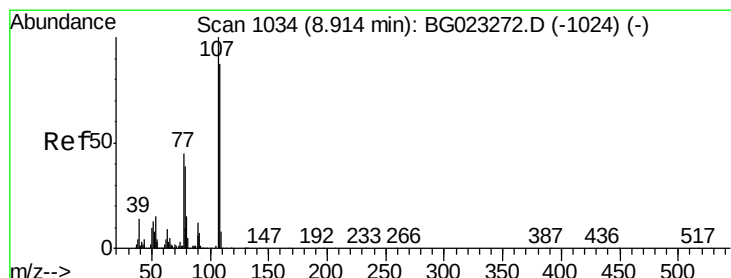
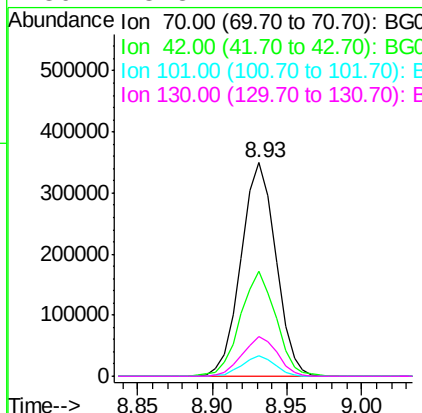
#19
n-Nitroso-di-n-propylamine
Concen: 38.81 ng
RT: 8.93 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BG023378.D
Acq: 31 Jul 2016 21:40

Instrument :
BNA_G
ClientSampleId :
SB-32-16-17MS

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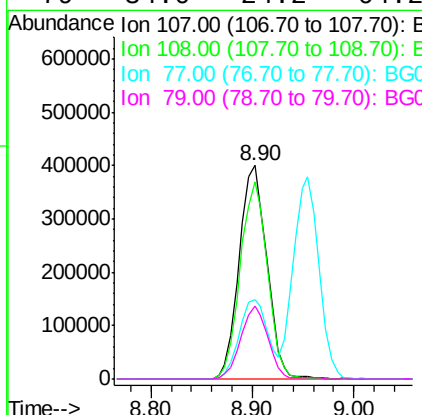
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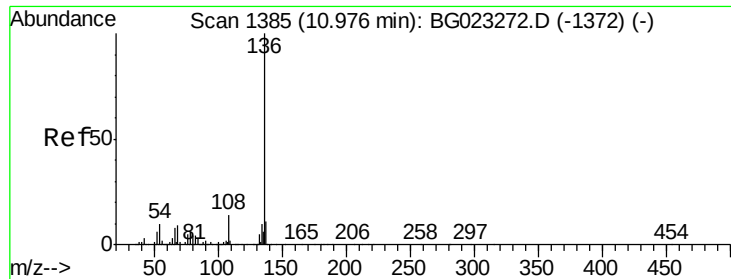
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	49.2	42.1	63.1		
101	9.4	7.2	10.8		
130	18.3	14.2	21.2		



#20
3+4-Methylphenols
Concen: 47.93 ng
RT: 8.90 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BG023378.D
Acq: 31 Jul 2016 21:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	92.2	72.5	112.5		
77	37.0	30.1	70.1		
79	34.0	24.2	64.2		





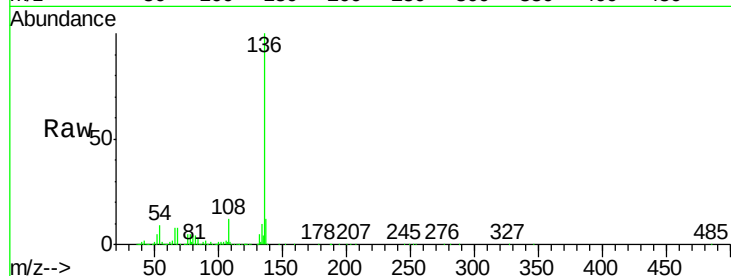
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.95 min Scan# 1381
Delta R.T. -0.03 min
Lab File: BG023378.D
Acq: 31 Jul 2016 21:40

Instrument :
BNA_G
ClientSampleId :
SB-32-16-17MS

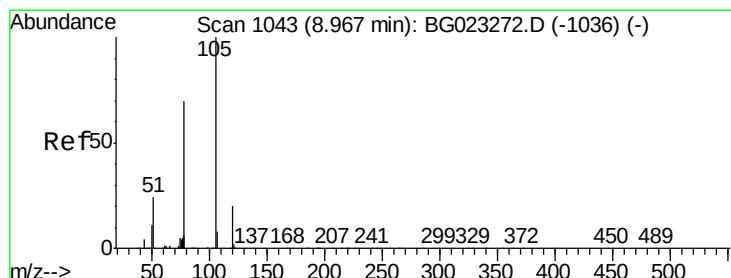
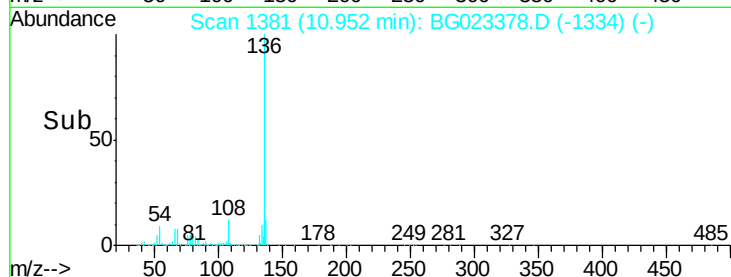
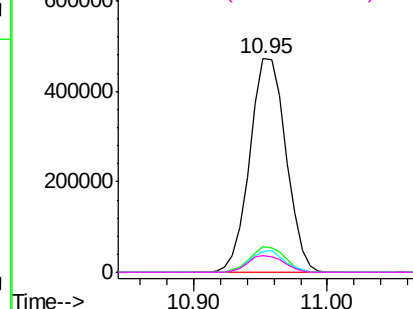
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	882739		
137	12.2	9.6	14.4	
54	9.5	7.3	10.9	
68	7.6	5.3	7.9	

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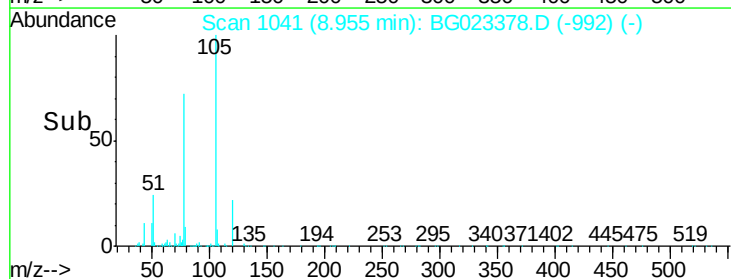
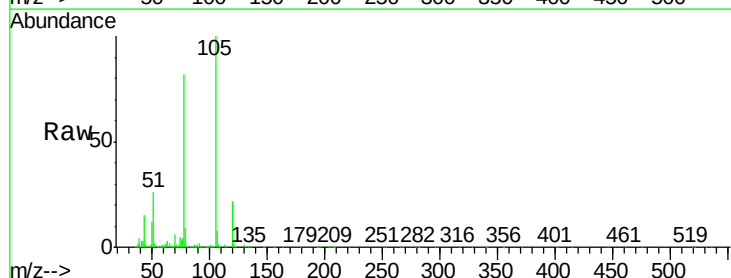
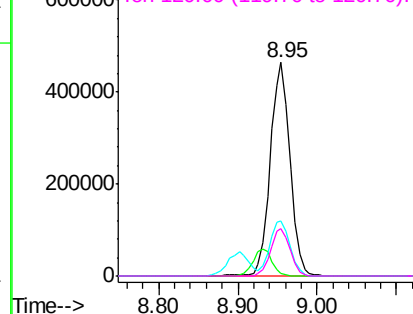
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

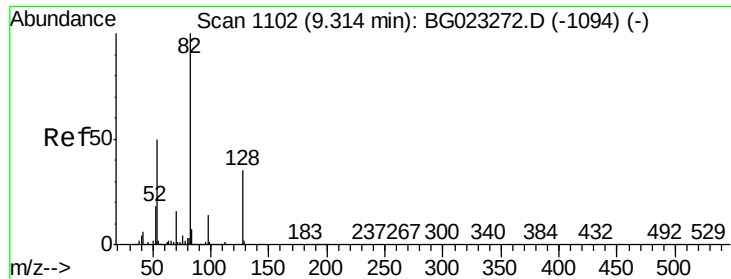


#22
Acetophenone
Concen: 35.01 ng
RT: 8.95 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG023378.D
Acq: 31 Jul 2016 21:40

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	806950		
71	1.2	2.6	3.8#	
51	25.6	27.1	40.7#	
120	22.3	15.1	22.7	

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BG
Ion 51.00 (50.70 to 51.70): BG
Ion 120.00 (119.70 to 120.70): E





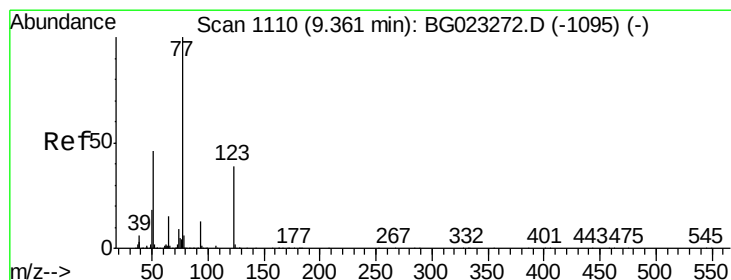
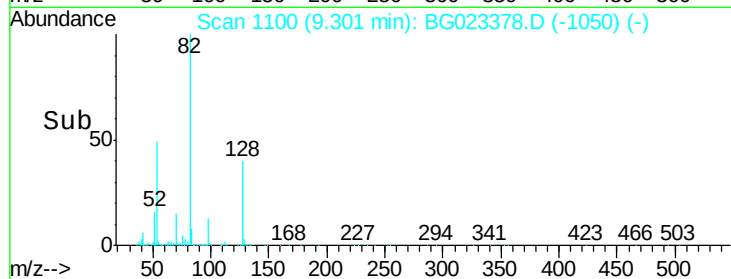
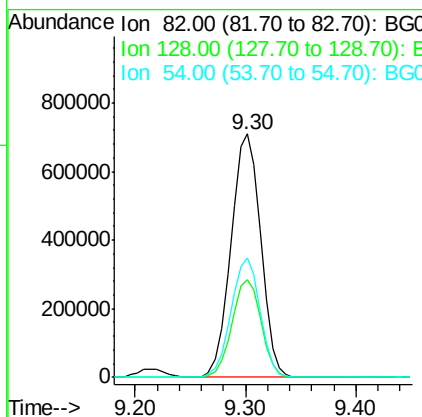
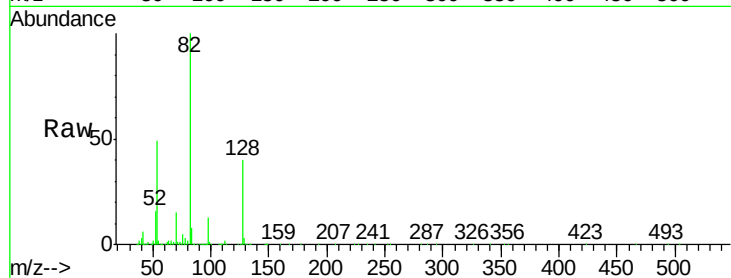
#23
 Nitrobenzene-d5
 Concen: 74.29 ng
 RT: 9.30 min Scan# 1100
 Delta R.T. -0.01 min
 Lab File: BG023378.D
 Acq: 31 Jul 2016 21:40

Instrument :
 BNA_G
 ClientSampleId :
 SB-32-16-17MS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.3	24.4	36.6#
54	49.2	41.4	62.0

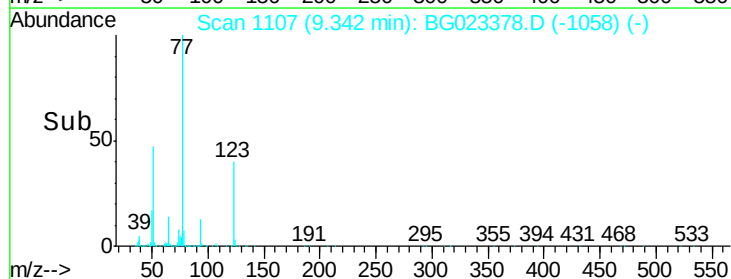
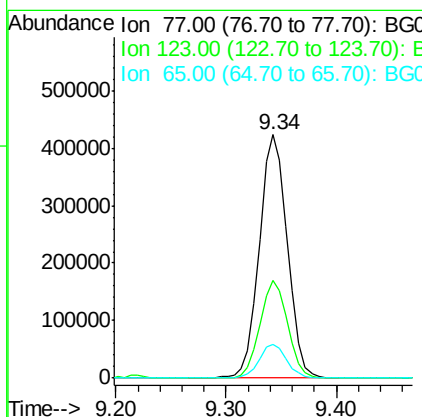
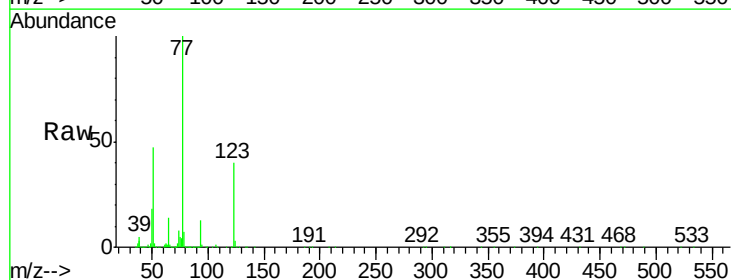
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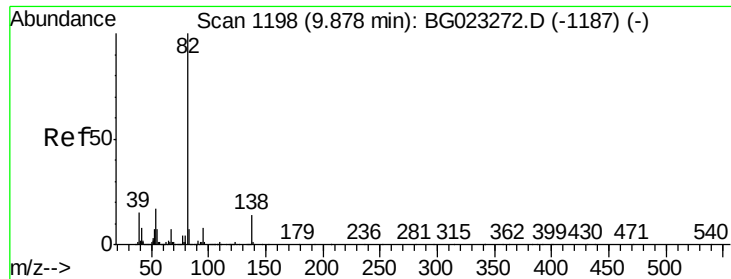
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#24
 Nitrobenzene
 Concen: 35.85 ng
 RT: 9.34 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: BG023378.D
 Acq: 31 Jul 2016 21:40

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.3	25.0	37.6#
65	13.7	13.4	20.0





#25

Isophorone

Concen: 40.58 ng

RT: 9.87 min Scan# 1196

Delta R.T. -0.01 min

Lab File: BG023378.D

Acq: 31 Jul 2016 21:40

Instrument :

BNA_G

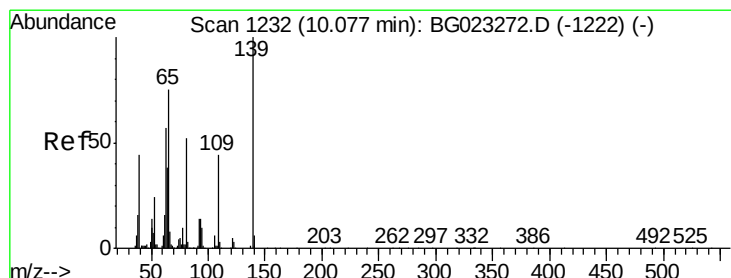
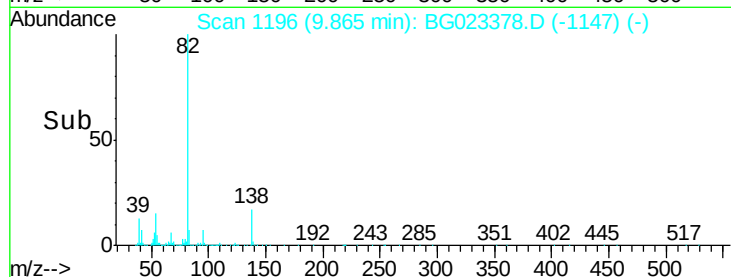
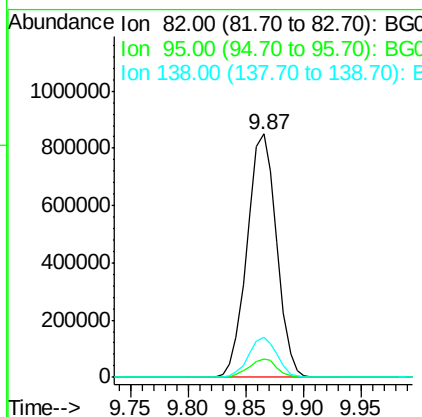
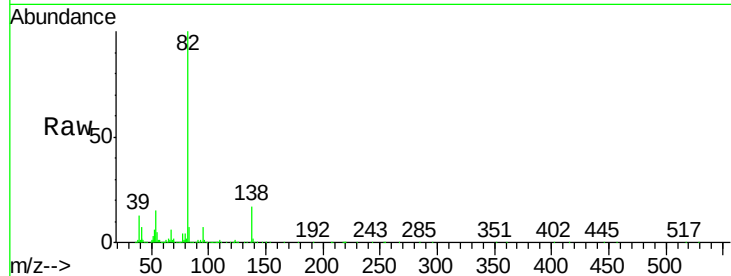
ClientSampleId :

SB-32-16-17MS

Tgt Ion:	82	Resp:	1512815
Ion Ratio		Lower	Upper
82	100		
95	7.3	8.2	12.2#
138	16.6	10.7	16.1#

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#26

2-Nitrophenol

Concen: 42.48 ng

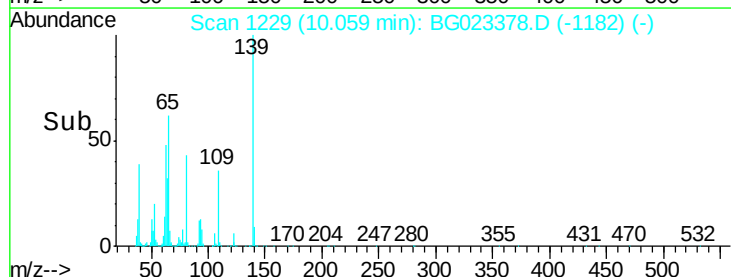
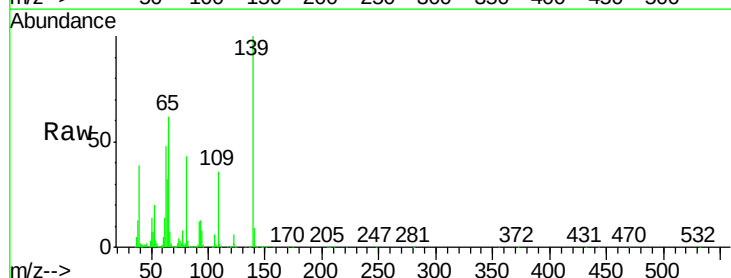
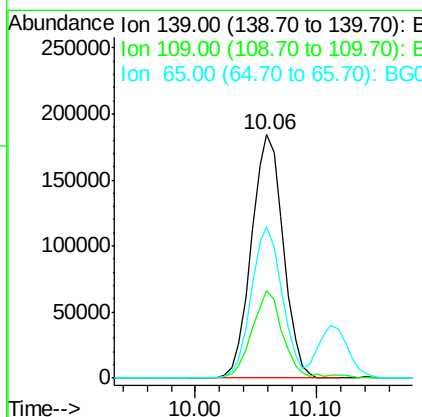
RT: 10.06 min Scan# 1229

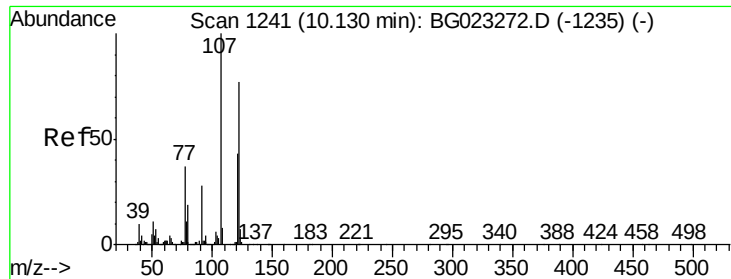
Delta R.T. -0.03 min

Lab File: BG023378.D

Acq: 31 Jul 2016 21:40

Tgt Ion:	139	Resp:	336339
Ion Ratio		Lower	Upper
139	100		
109	35.7	43.5	65.3#
65	62.4	64.3	96.5#





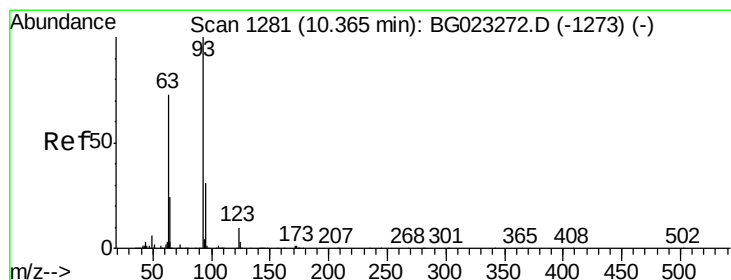
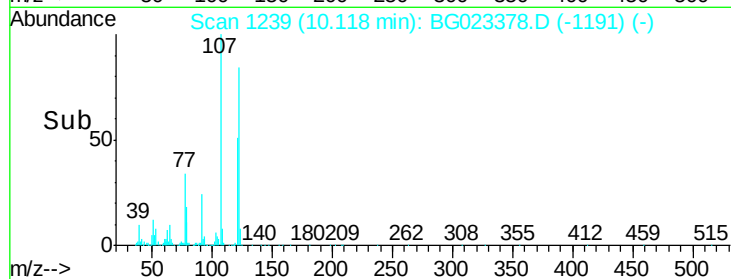
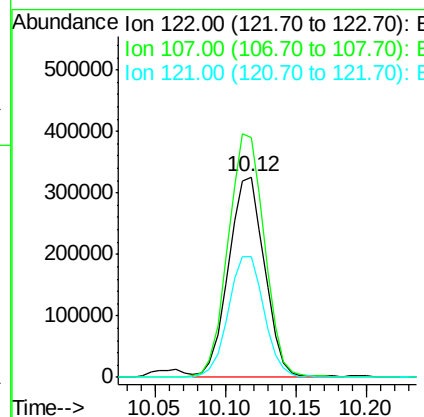
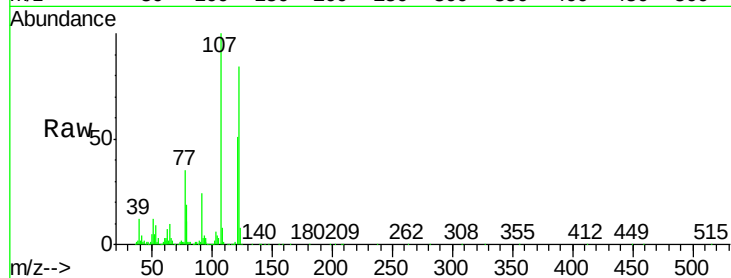
#27
 2,4-Dimethylphenol
 Concen: 43.05 ng
 RT: 10.12 min Scan# 1239
 Delta R.T. -0.02 min
 Lab File: BG023378.D
 Acq: 31 Jul 2016 21:40

Instrument :
 BNA_G
 ClientSampleId :
 SB-32-16-17MS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	119.2	117.0	175.4
121	60.3	50.1	75.1

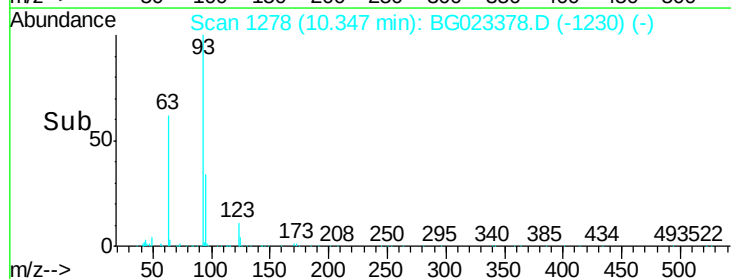
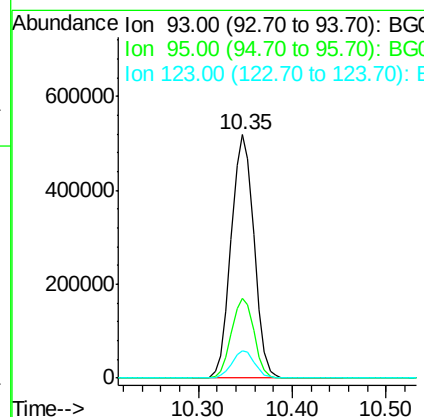
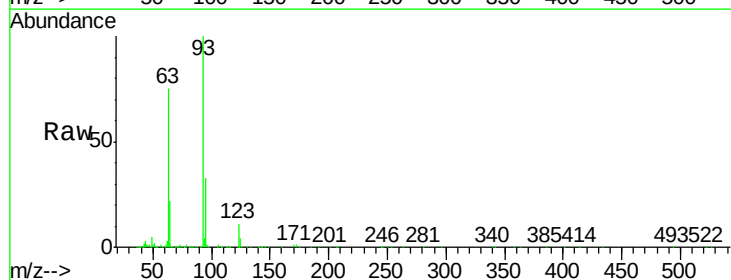
Manual Integrations
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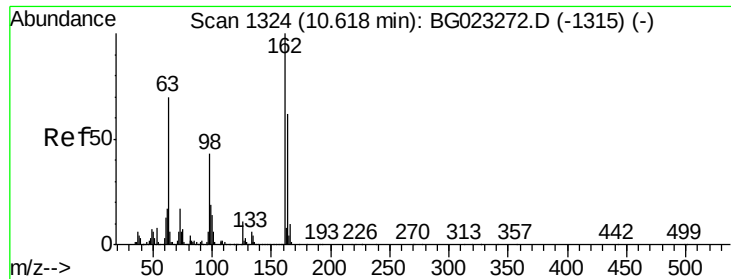
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#28
 bis(2-Chloroethoxy)methane
 Concen: 41.65 ng
 RT: 10.35 min Scan# 1278
 Delta R.T. -0.02 min
 Lab File: BG023378.D
 Acq: 31 Jul 2016 21:40

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	25.4	38.2
123	11.2	8.2	12.2





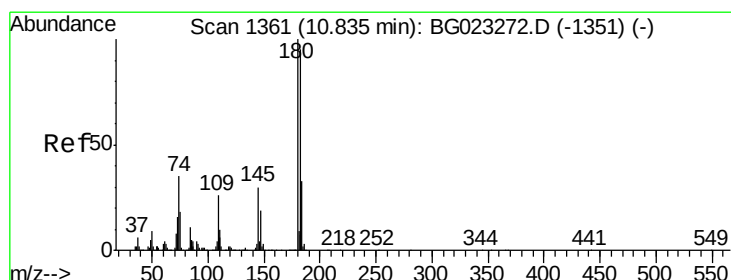
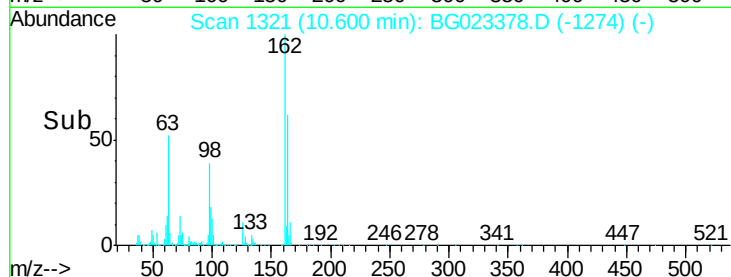
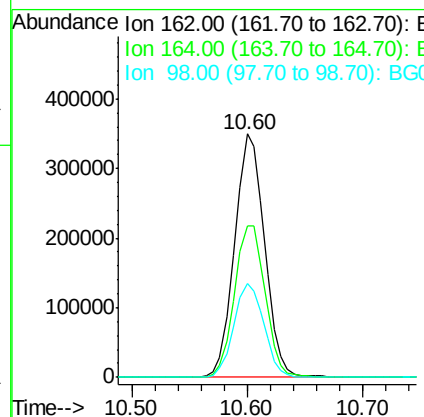
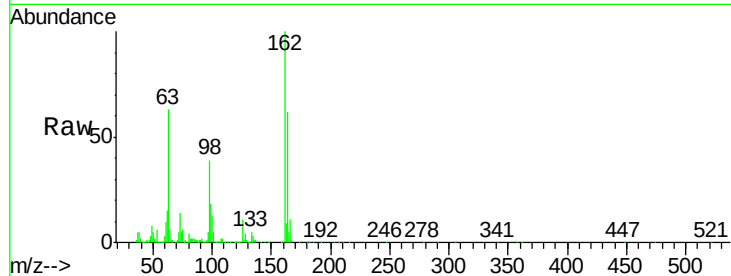
#29
 2,4-Dichlorophenol
 Concen: 48.70 ng
 RT: 10.60 min Scan# 1321
 Delta R.T. -0.03 min
 Lab File: BG023378.D
 Acq: 31 Jul 2016 21:40

Instrument :
 BNA_G
 ClientSampleId :
 SB-32-16-17MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	62.2	44.3	84.3
98	38.6	19.5	59.5

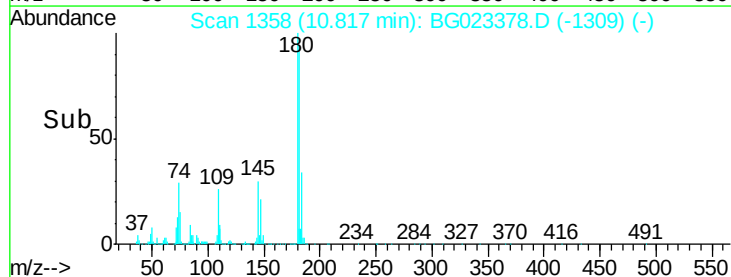
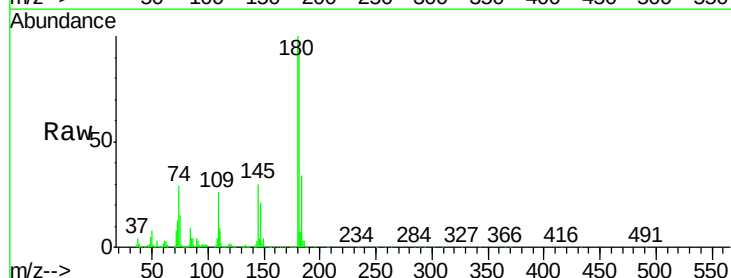
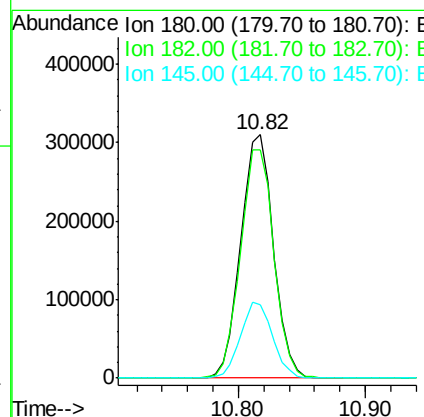
Manual Integrations
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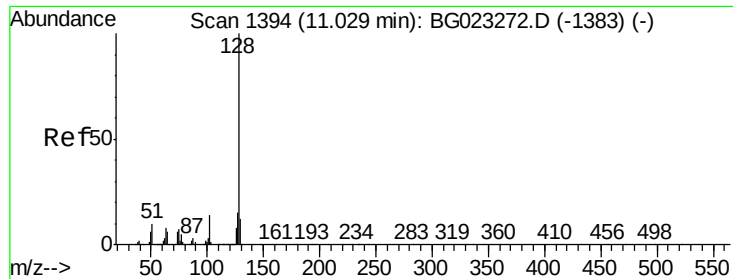
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.80 ng
 RT: 10.82 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: BG023378.D
 Acq: 31 Jul 2016 21:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	93.5	73.8	110.8
145	30.1	24.4	36.6





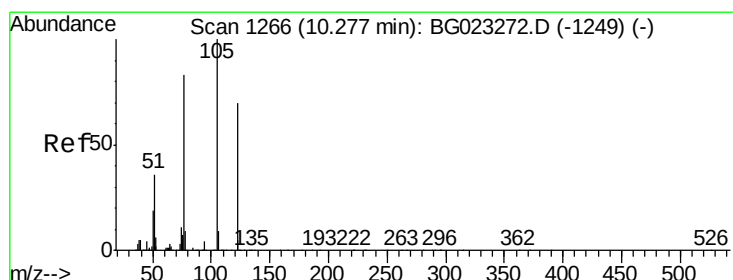
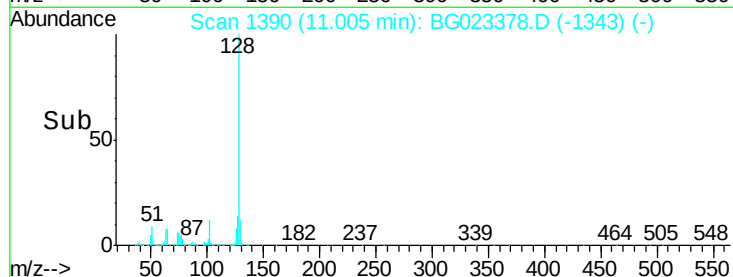
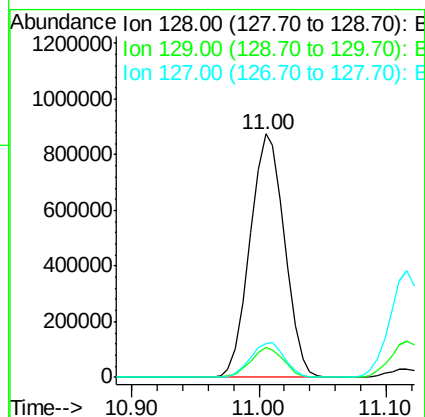
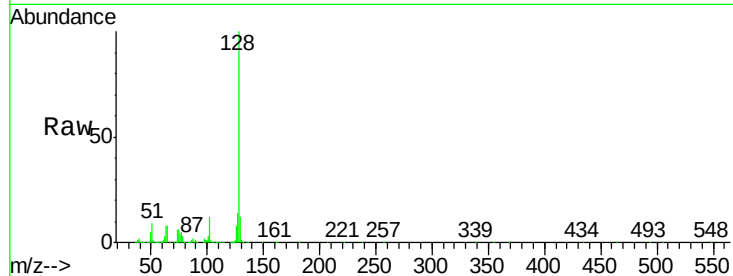
#31
Naphthalene
Concen: 40.41 ng
RT: 11.00 min Scan# 1390
Delta R.T. -0.03 min
Lab File: BG023378.D
Acq: 31 Jul 2016 21:40

Instrument :
BNA_G
ClientSampleId :
SB-32-16-17MS

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.4	14.0
127	13.9	11.3	16.9

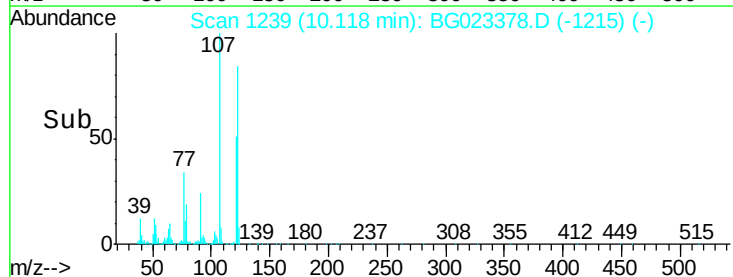
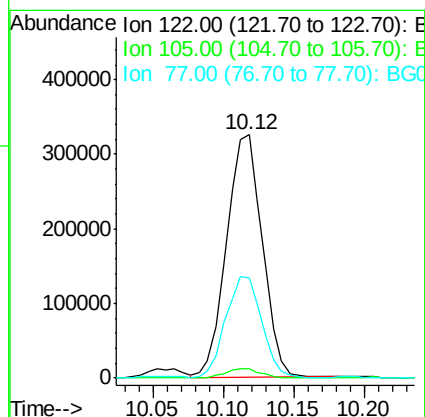
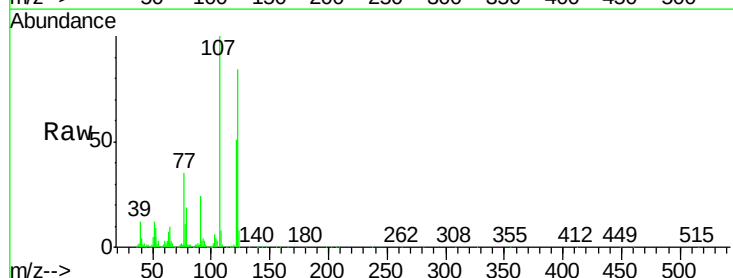
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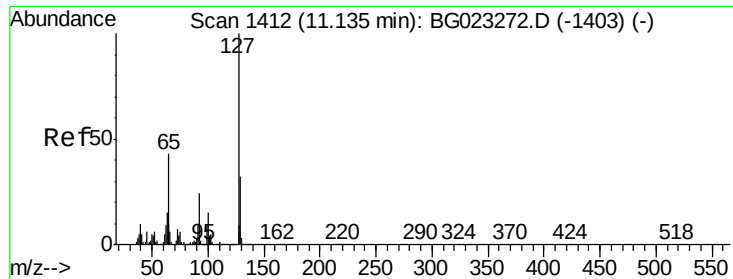
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#32
Benzoic acid
Concen: 52.06 ng
RT: 10.12 min Scan# 1239
Delta R.T. -0.16 min
Lab File: BG023378.D
Acq: 31 Jul 2016 21:40

Tgt Ion	Ratio	Lower	Upper
122	100		
105	3.8	117.2	157.2#
77	41.2	109.2	149.2#





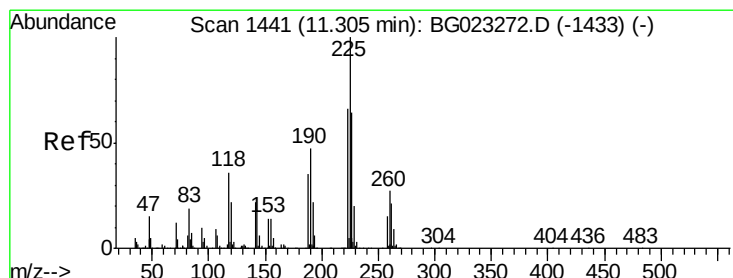
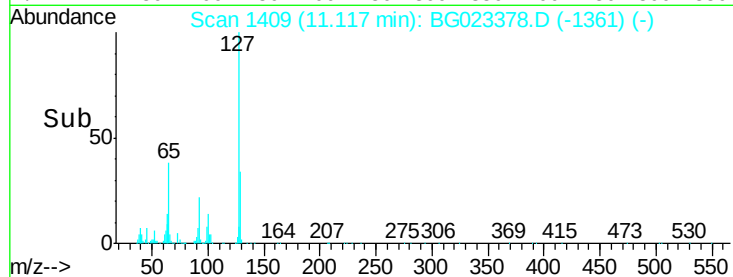
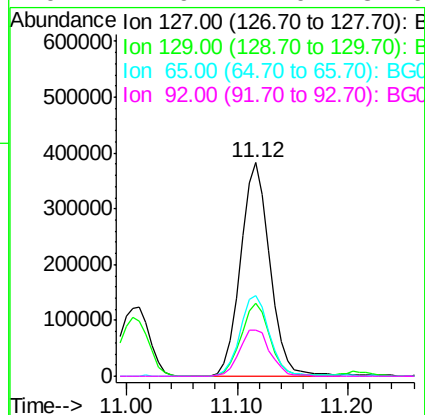
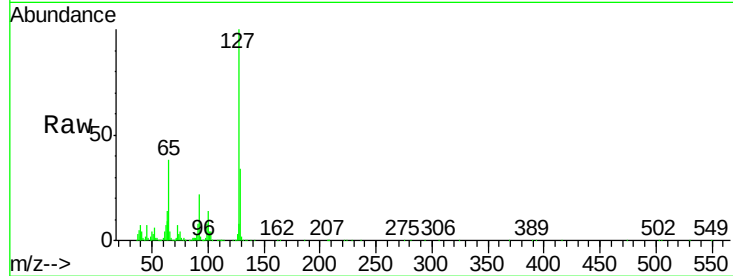
#33
4-Chloroaniline
Concen: 37.78 ng
RT: 11.12 min Scan# 1409
Delta R.T. -0.02 min
Lab File: BG023378.D
Acq: 31 Jul 2016 21:40

Instrument :
BNA_G
ClientSampleId :
SB-32-16-17MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	34.3	27.9	41.9
65	37.8	36.8	55.2
92	21.9	21.0	31.6

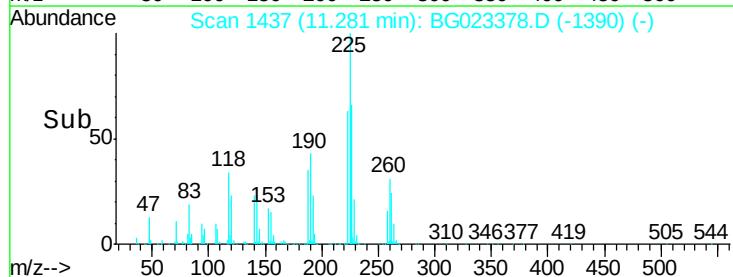
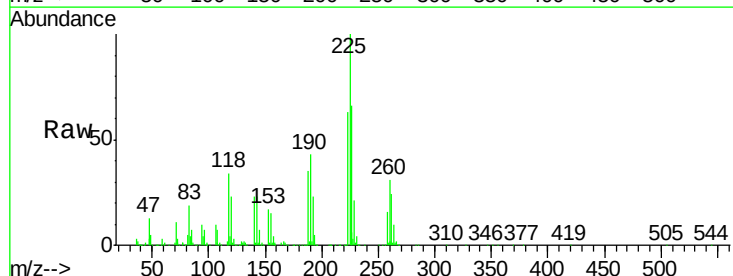
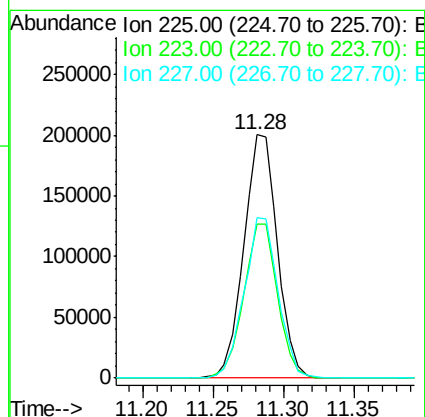
Manual Integrations
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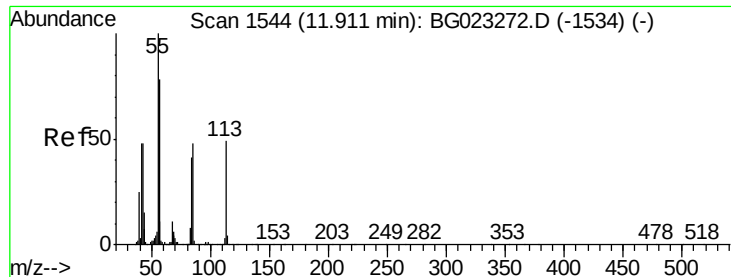
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#34
Hexachlorobutadiene
Concen: 35.63 ng
RT: 11.28 min Scan# 1437
Delta R.T. -0.03 min
Lab File: BG023378.D
Acq: 31 Jul 2016 21:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	63.0	49.6	74.4
227	65.9	54.5	81.7





#35

Caprolactam

Concen: 44.51 ng m

RT: 11.90 min Scan# 1542

Delta R.T. 0.01 min

Lab File: BG023378.D

Acq: 31 Jul 2016 21:40

Instrument :

BNA_G

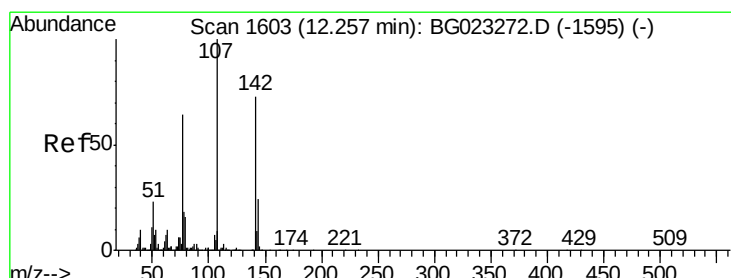
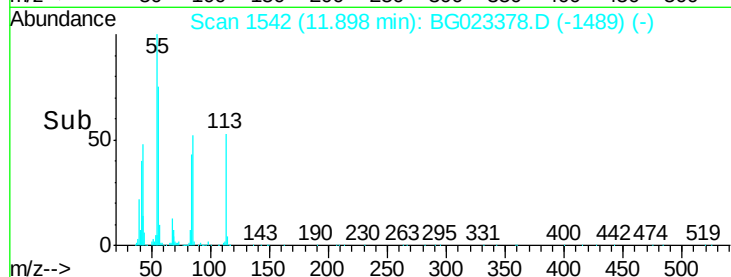
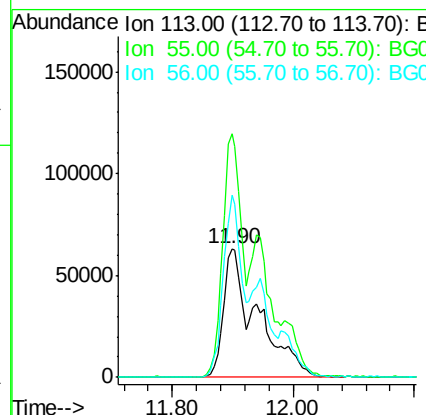
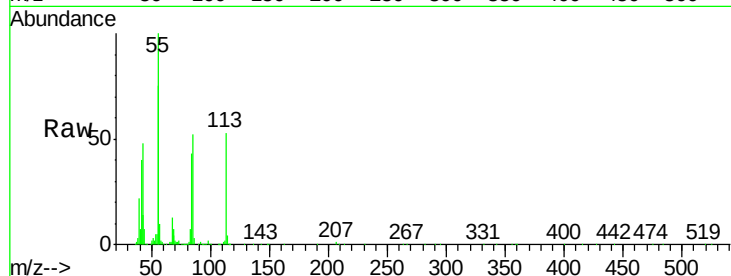
ClientSampleId :

SB-32-16-17MS

Tgt Ion:	113	Resp:	244533
Ion Ratio	Lower	Upper	
113	100		
55	189.3	154.5	194.5
56	141.3	125.1	165.1

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 44.87 ng

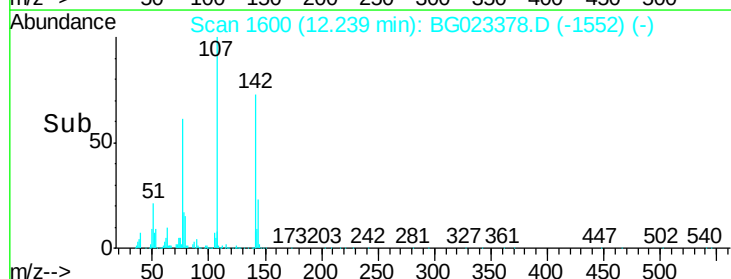
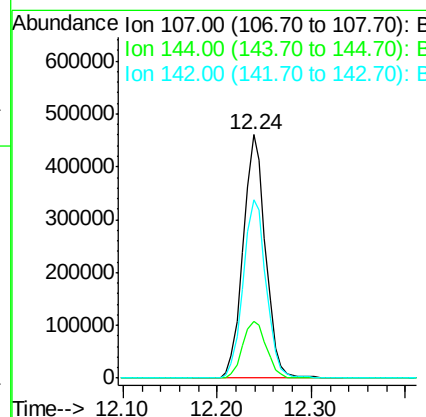
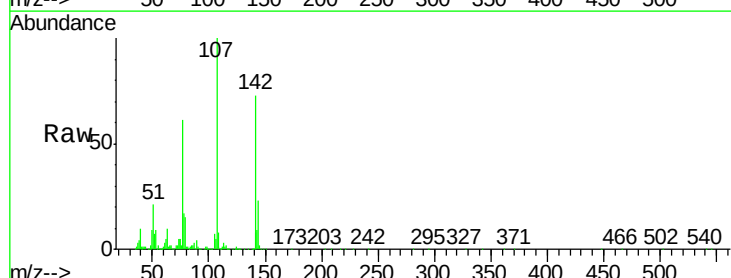
RT: 12.24 min Scan# 1600

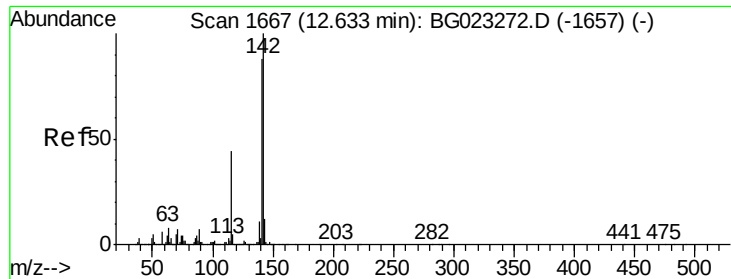
Delta R.T. -0.02 min

Lab File: BG023378.D

Acq: 31 Jul 2016 21:40

Tgt Ion:	107	Resp:	761609
Ion Ratio	Lower	Upper	
107	100		
144	23.3	17.0	25.6
142	73.2	53.0	79.6





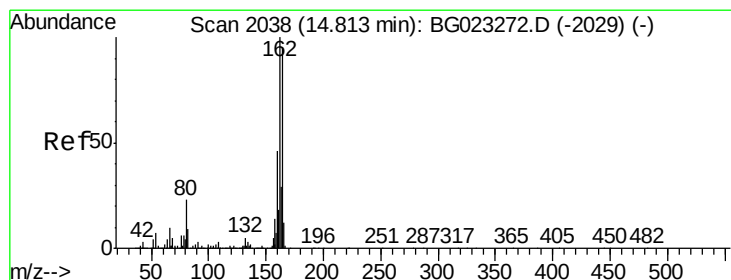
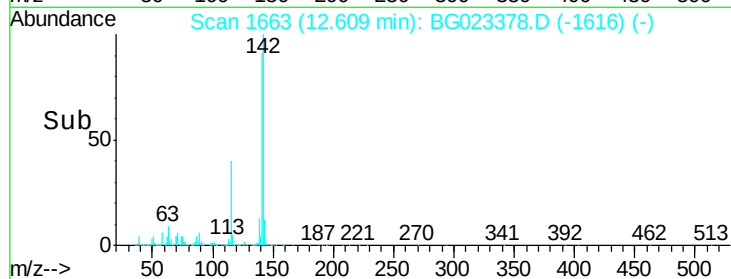
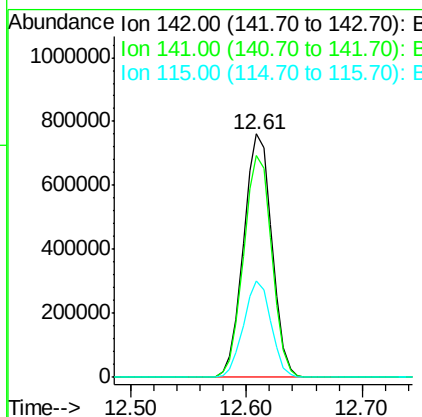
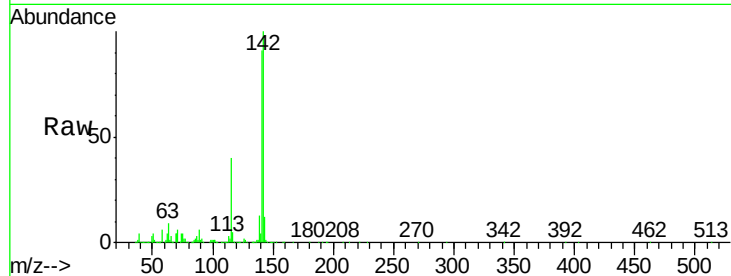
#37
 2-Methylnaphthalene
 Concen: 42.66 ng
 RT: 12.61 min Scan# 1663
 Delta R.T. -0.03 min
 Lab File: BG023378.D
 Acq: 31 Jul 2016 21:40

Instrument :
 BNA_G
 ClientSampleId :
 SB-32-16-17MS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.0	70.2	105.2
115	39.8	41.7	62.5#

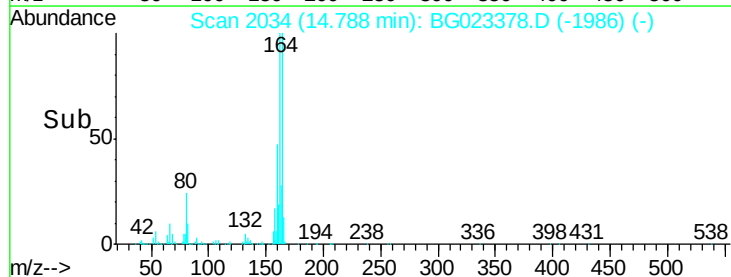
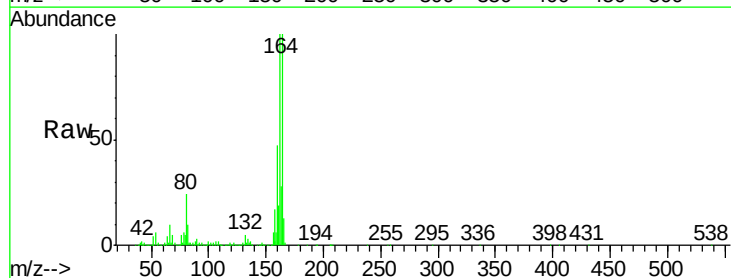
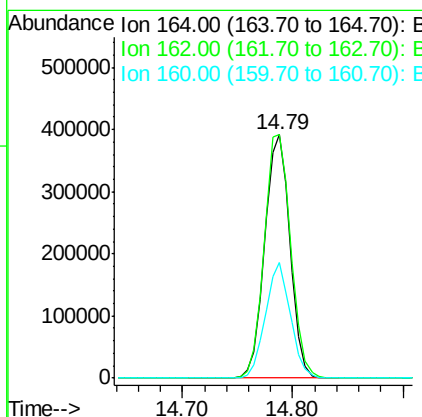
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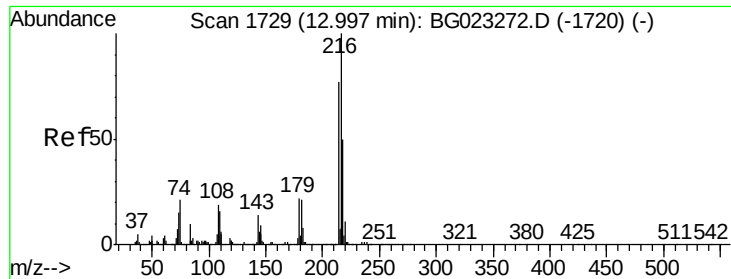
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.79 min Scan# 2034
 Delta R.T. -0.02 min
 Lab File: BG023378.D
 Acq: 31 Jul 2016 21:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.0	87.7	131.5
160	47.4	37.2	55.8





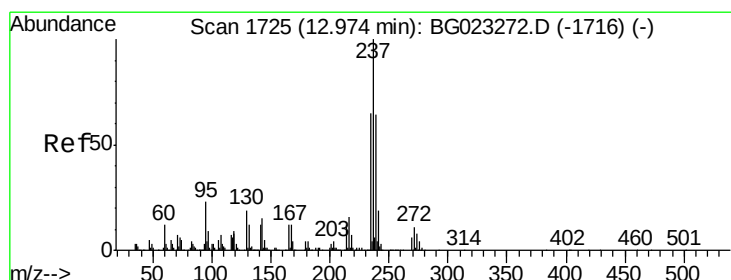
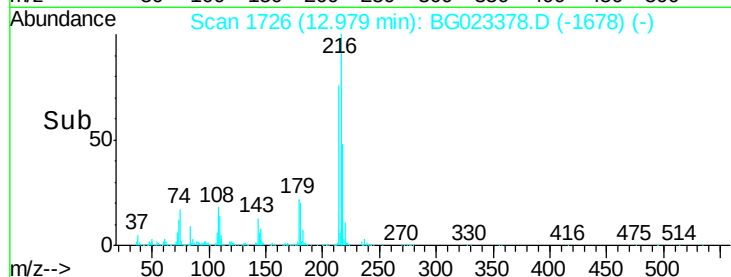
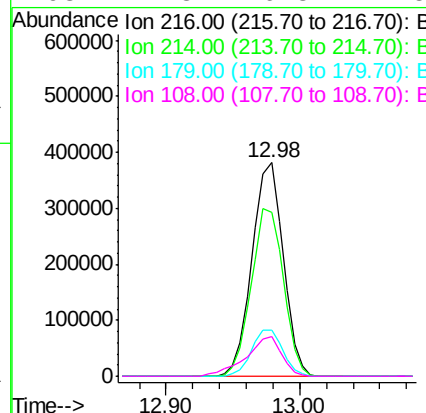
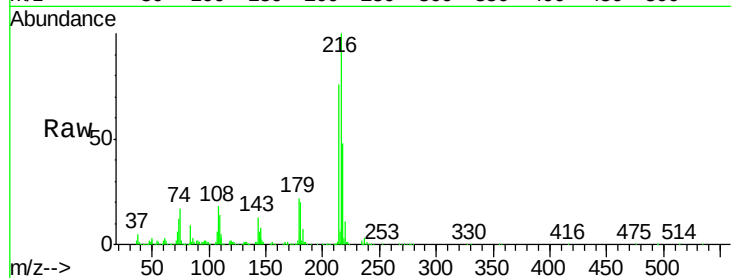
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 30.33 ng
 RT: 12.98 min Scan# 1726
 Delta R.T. -0.02 min
 Lab File: BG023378.D
 Acq: 31 Jul 2016 21:40

Instrument :
 BNA_G
 ClientSampleId :
 SB-32-16-17MS

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	614874		
214	80.7	62.9	94.3	
179	22.1	17.2	25.8	
108	21.3	16.3	24.5	

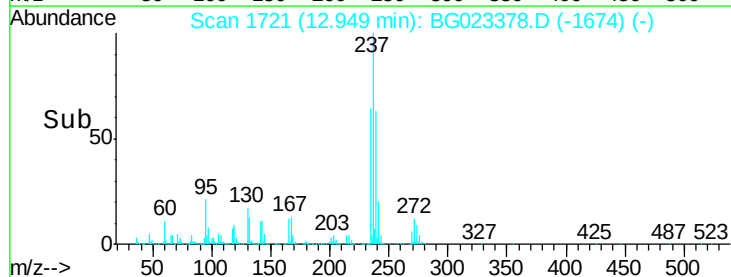
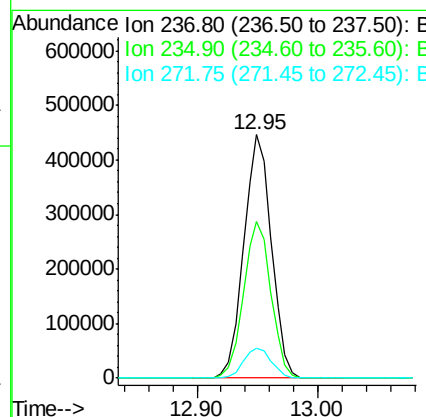
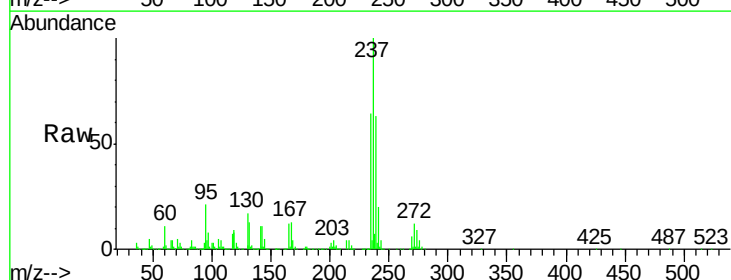
Manual Integrations
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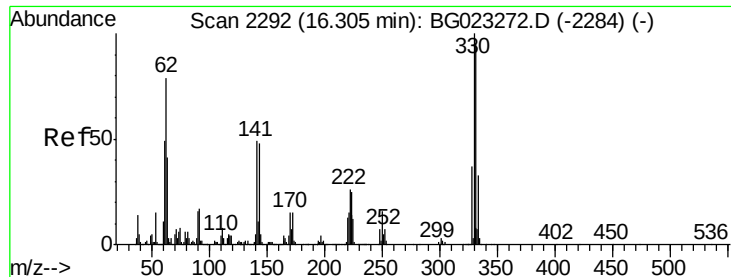
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#40
 Hexachlorocyclopentadiene
 Concen: 73.67 ng
 RT: 12.95 min Scan# 1721
 Delta R.T. -0.03 min
 Lab File: BG023378.D
 Acq: 31 Jul 2016 21:40

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	707675		
235	64.2	43.1	83.1	
272	12.4	0.0	30.9	





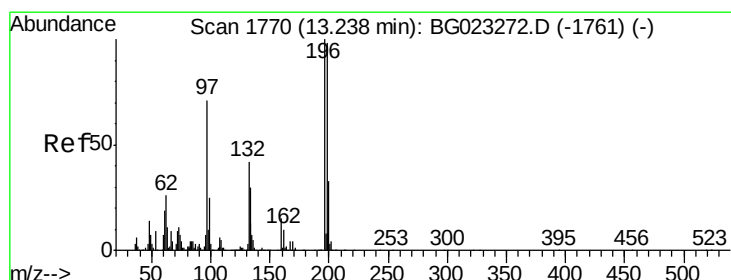
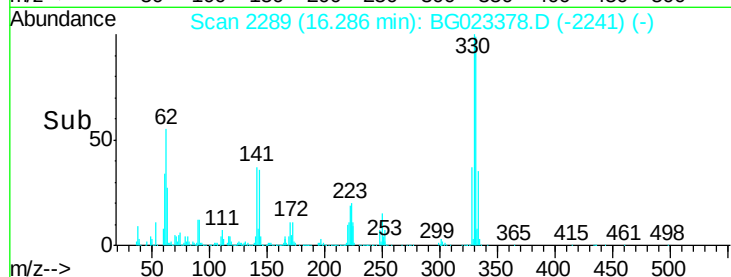
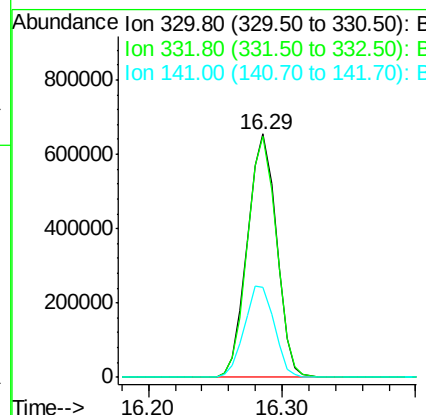
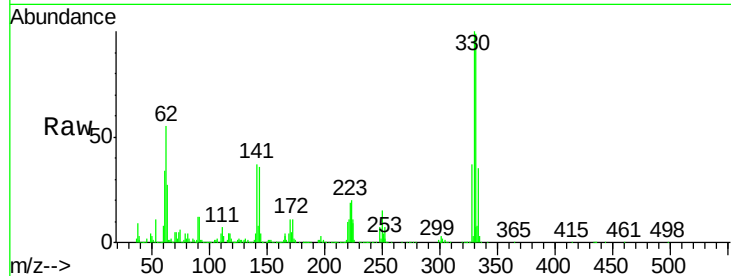
#41
 2,4,6-Tribromophenol
 Concen: 152.31 ng
 RT: 16.29 min Scan# 2289
 Delta R.T. -0.02 min
 Lab File: BG023378.D
 Acq: 31 Jul 2016 21:40

Instrument :
 BNA_G
 ClientSampleId :
 SB-32-16-17MS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	987121		
332	99.0	77.4	116.2	
141	38.5	31.7	47.5	

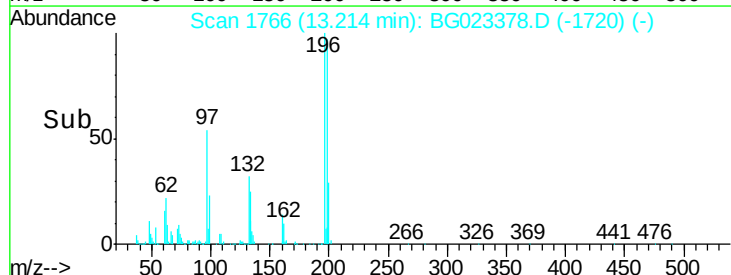
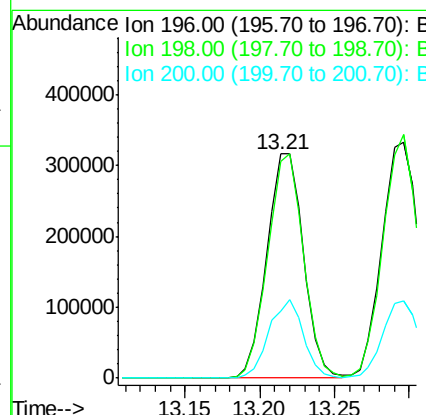
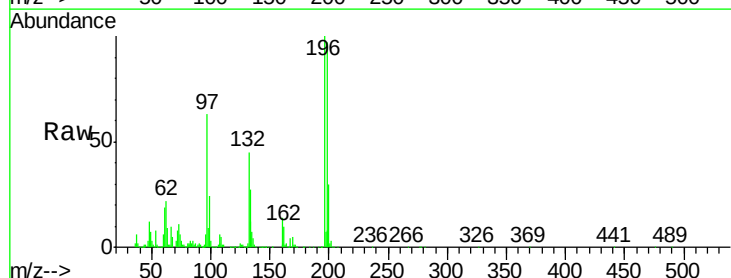
Manual Integrations
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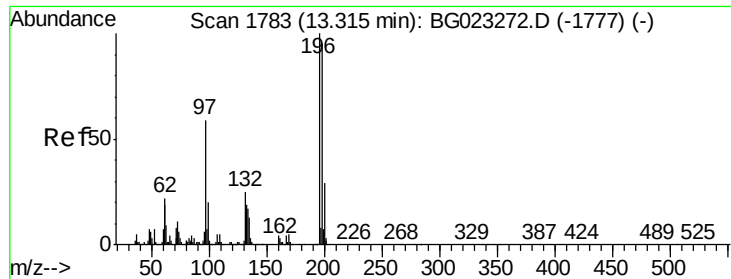
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#42
 2,4,6-Trichlorophenol
 Concen: 45.19 ng
 RT: 13.21 min Scan# 1766
 Delta R.T. -0.03 min
 Lab File: BG023378.D
 Acq: 31 Jul 2016 21:40

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	538089		
198	96.9	78.2	117.2	
200	30.0	27.0	40.4	





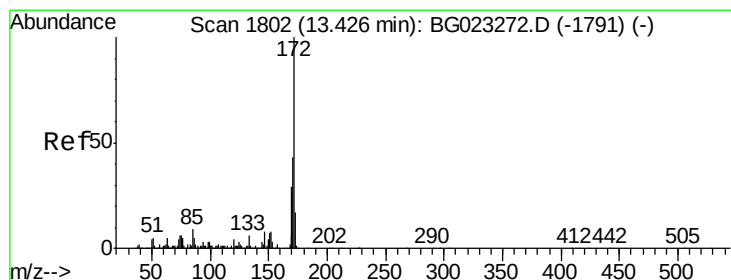
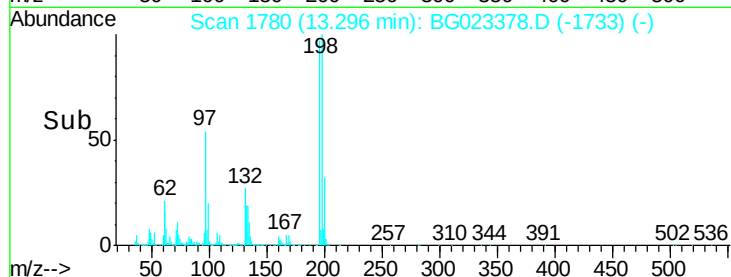
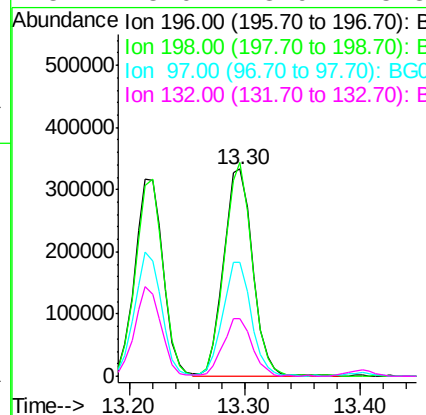
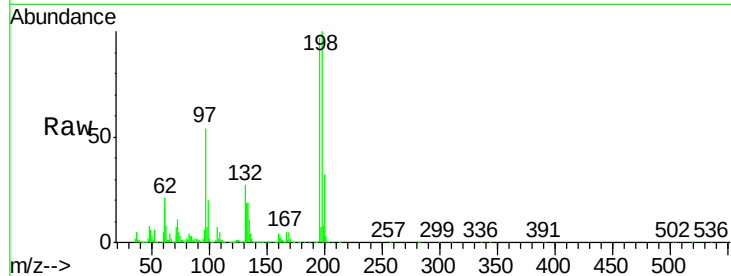
#43
2,4,5-Trichlorophenol
Concen: 46.01 ng
RT: 13.30 min Scan# 1780
Delta R.T. -0.03 min
Lab File: BG023378.D
Acq: 31 Jul 2016 21:40

Instrument :
BNA_G
ClientSampleId :
SB-32-16-17MS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	581109		
198	103.3	85.7	128.5	
97	55.3	45.5	68.3	
132	28.0	18.9	28.3	

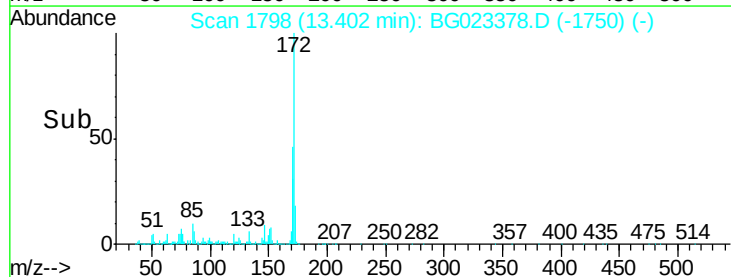
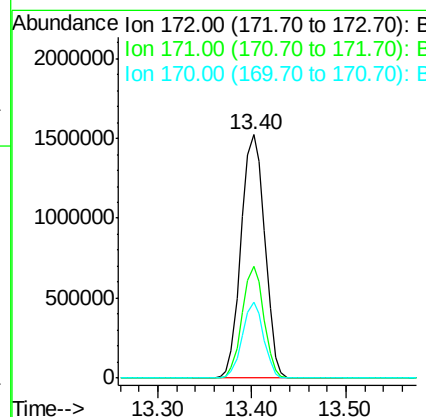
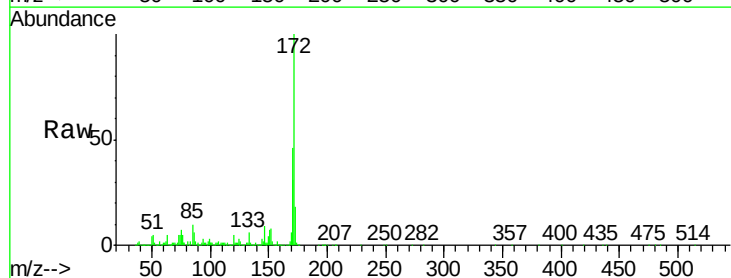
Manual Integrations
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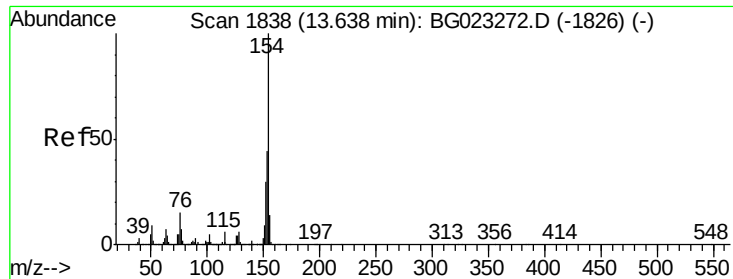
sohil
8/1/2016 7:13:20 PM



#44
2-Fluorobiphenyl
Concen: 79.44 ng
RT: 13.40 min Scan# 1798
Delta R.T. -0.02 min
Lab File: BG023378.D
Acq: 31 Jul 2016 21:40

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2657800		
171	45.8	31.6	47.4	
170	31.1	21.3	31.9	





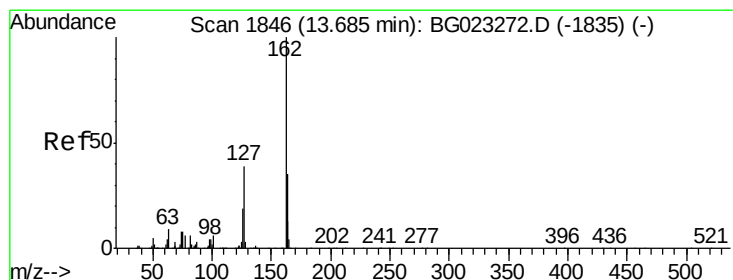
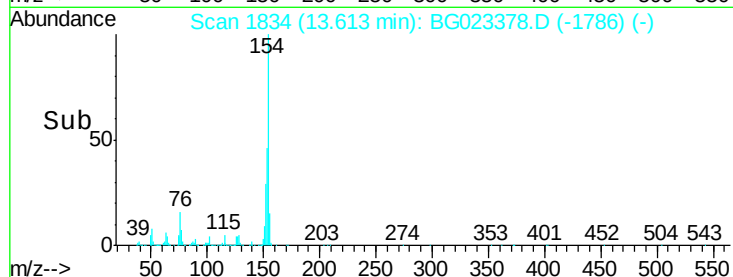
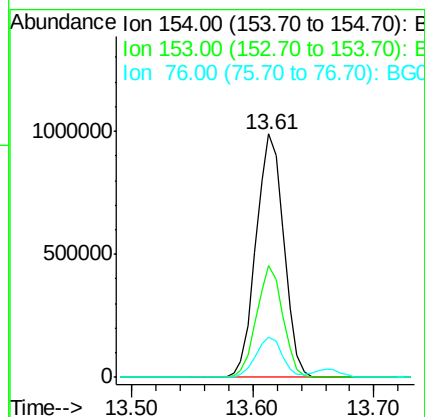
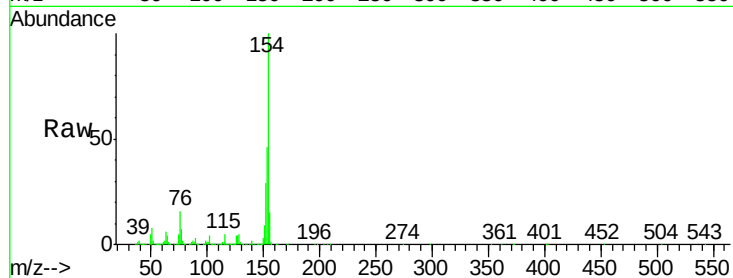
#45
 1,1'-Biphenyl
 Concen: 36.25 ng
 RT: 13.61 min Scan# 1834
 Delta R.T. -0.02 min
 Lab File: BG023378.D
 Acq: 31 Jul 2016 21:40

Instrument :
 BNA_G
 ClientSampleId :
 SB-32-16-17MS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	45.7	20.2	60.2
76	16.4	0.0	32.9

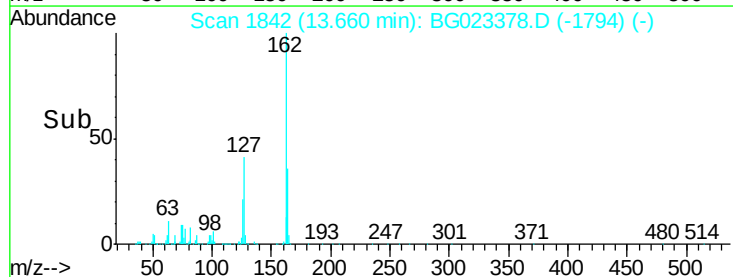
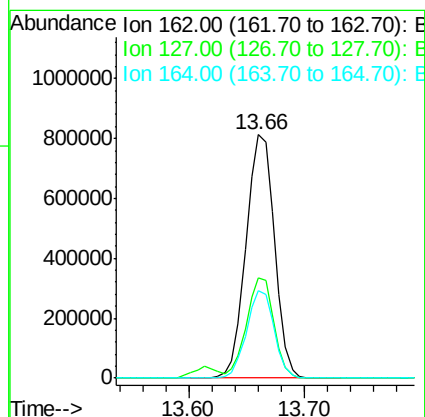
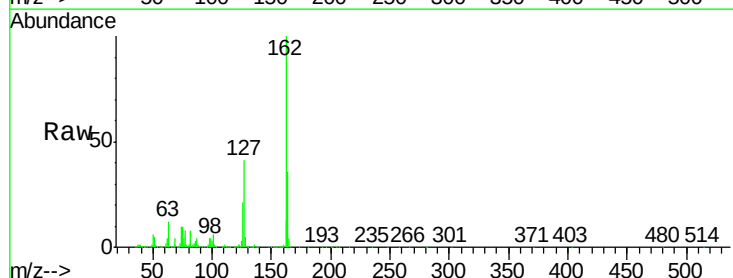
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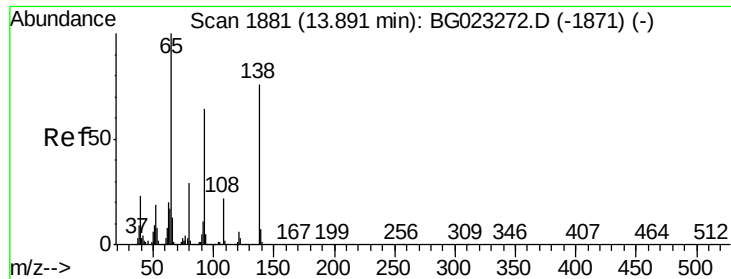
sohil
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#46
 2-Chloronaphthalene
 Concen: 39.71 ng
 RT: 13.66 min Scan# 1842
 Delta R.T. -0.02 min
 Lab File: BG023378.D
 Acq: 31 Jul 2016 21:40

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.4	32.4	48.6
164	36.0	25.2	37.8





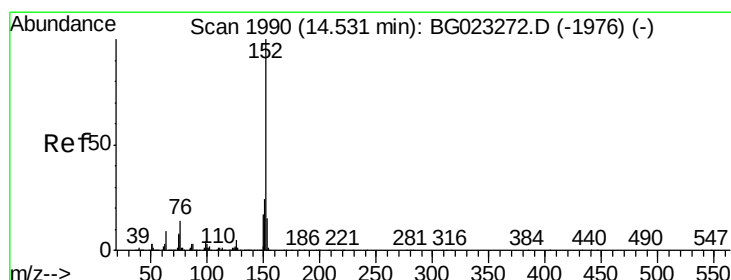
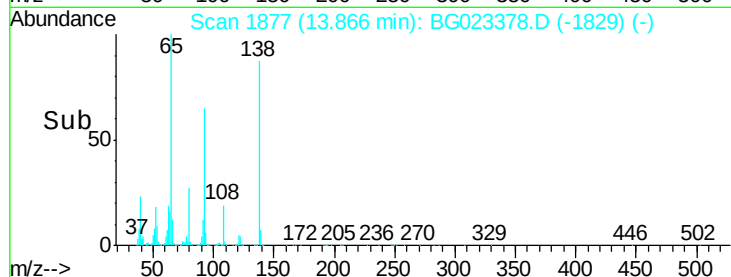
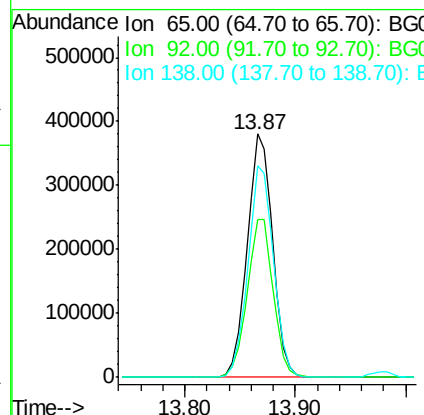
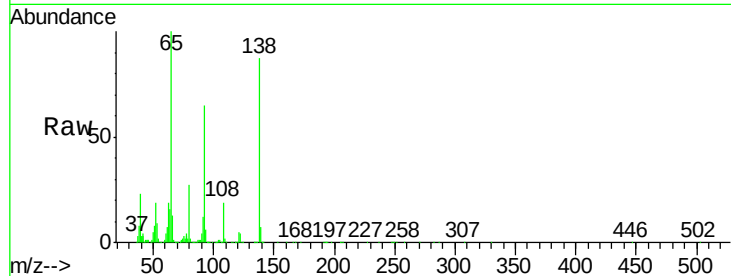
#47
2-Nitroaniline
Concen: 41.52 ng
RT: 13.87 min Scan# 1877
Delta R.T. -0.02 min
Lab File: BG023378.D
Acq: 31 Jul 2016 21:40

Instrument :
BNA_G
ClientSampleId :
SB-32-16-17MS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.6	49.4	74.0
138	86.7	58.0	87.0

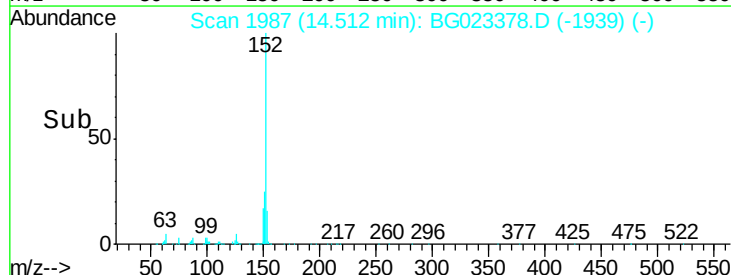
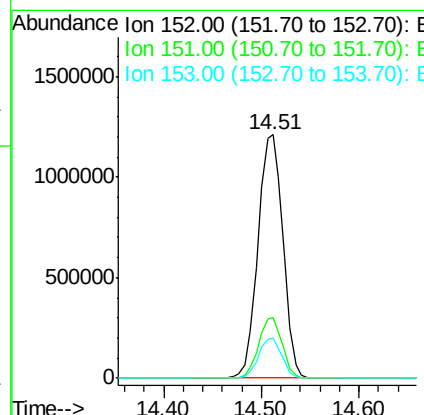
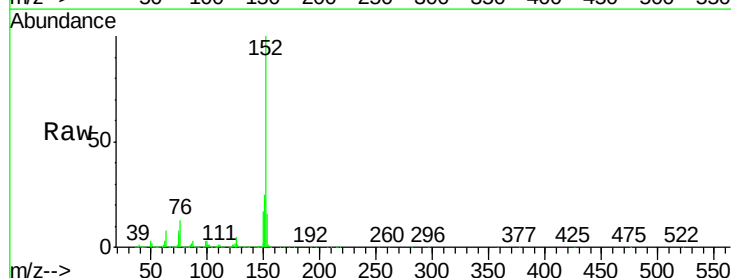
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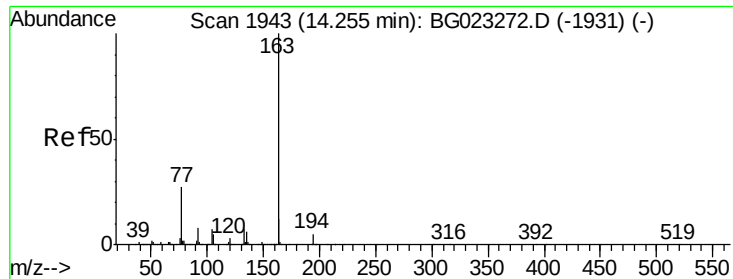
sohil
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#48
Acenaphthylene
Concen: 40.63 ng
RT: 14.51 min Scan# 1987
Delta R.T. -0.02 min
Lab File: BG023378.D
Acq: 31 Jul 2016 21:40

Tgt Ion	Ratio	Lower	Upper
152	100		
151	25.0	17.6	26.4
153	16.3	11.4	17.2





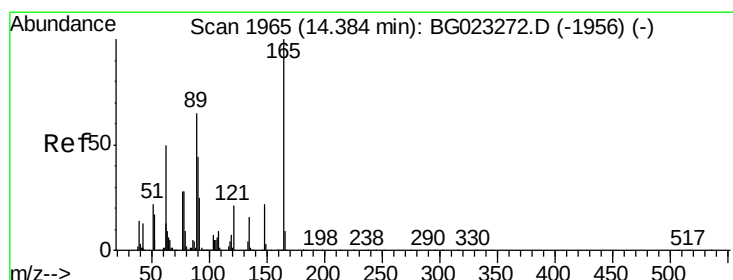
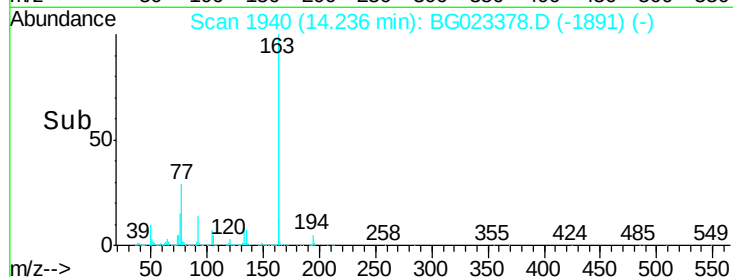
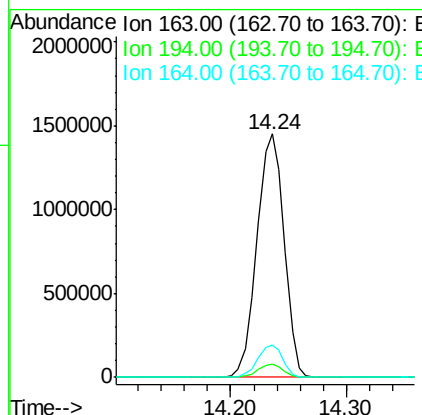
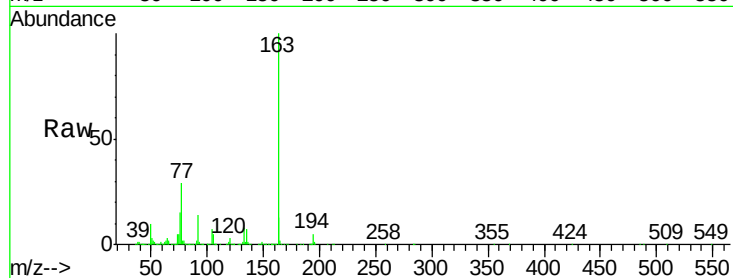
#49
Dimethylphthalate
Concen: 51.43 ng
RT: 14.24 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG023378.D
Acq: 31 Jul 2016 21:40

Instrument :
BNA_G
ClientSampleId :
SB-32-16-17MS

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.5	3.6	5.4#
164	13.2	8.1	12.1#

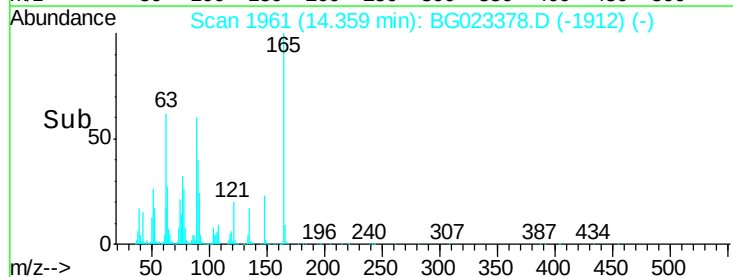
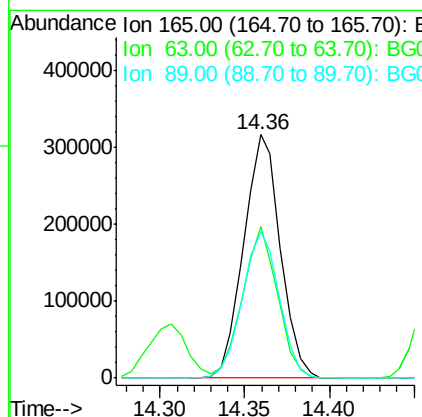
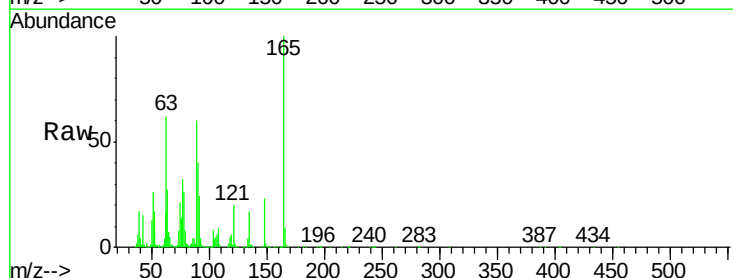
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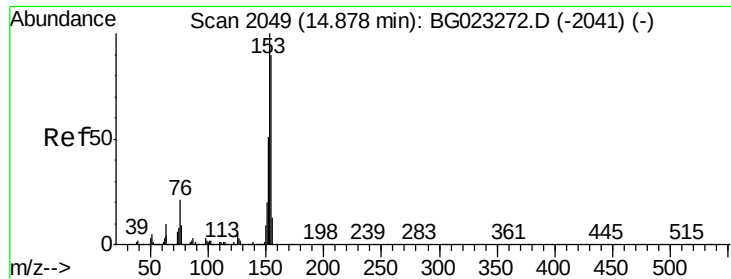
sohil
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#50
2,6-Dinitrotoluene
Concen: 44.09 ng
RT: 14.36 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BG023378.D
Acq: 31 Jul 2016 21:40

Tgt Ion	Ratio	Lower	Upper
165	100		
63	62.3	64.3	96.5#
89	60.1	64.3	96.5#





#51

Acenaphthene

Concen: 40.50 ng

RT: 14.85 min Scan# 2045

Delta R.T. -0.02 min

Lab File: BG023378.D

Acq: 31 Jul 2016 21:40

Instrument :

BNA_G

ClientSampleId :

SB-32-16-17MS

Tgt Ion:154 Resp: 1407589

Ion Ratio Lower Upper

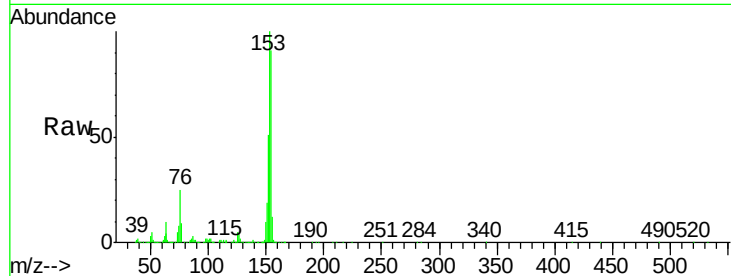
154 100

153 109.8 87.5 131.3

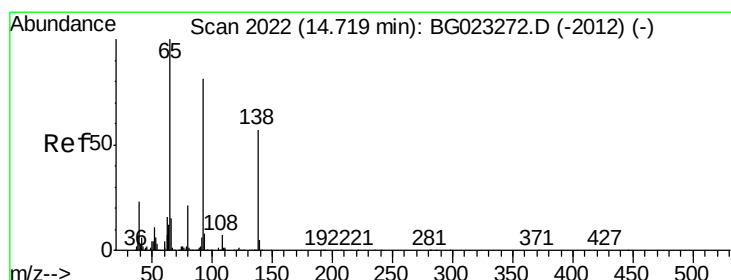
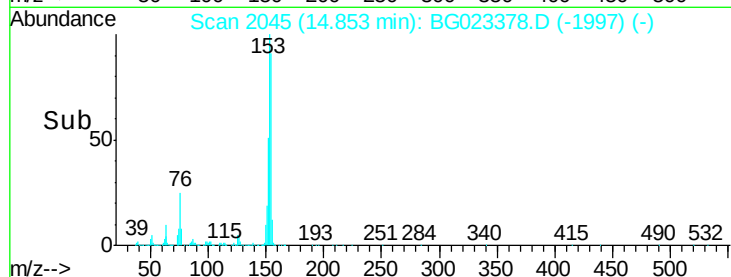
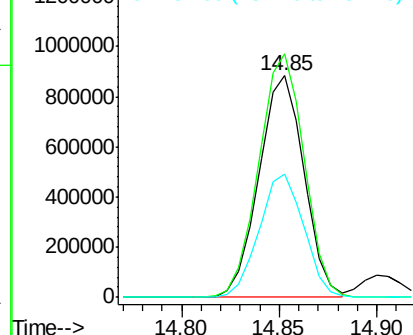
152 55.8 42.7 64.1

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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: 44.75 ng

RT: 14.70 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BG023378.D

Acq: 31 Jul 2016 21:40

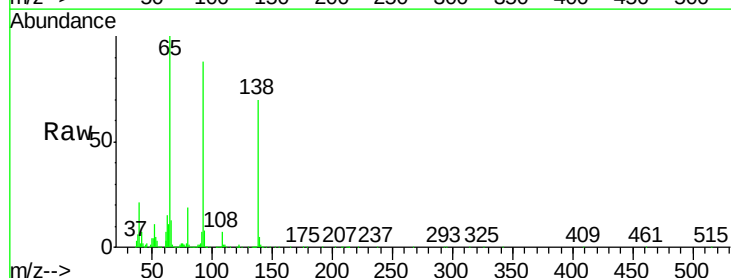
Tgt Ion:138 Resp: 487771

Ion Ratio Lower Upper

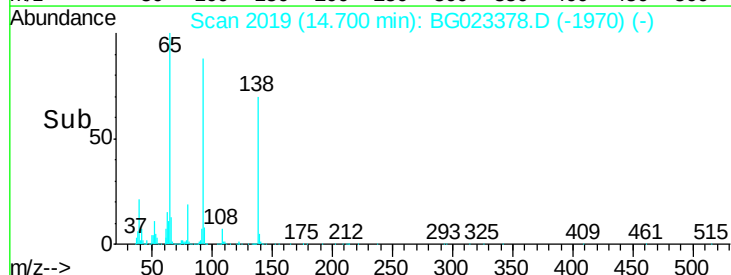
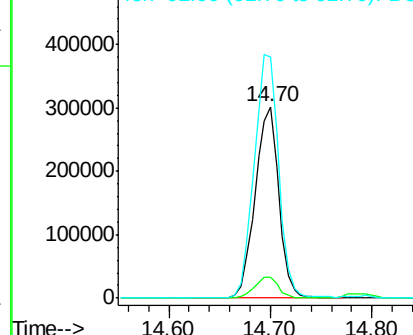
138 100

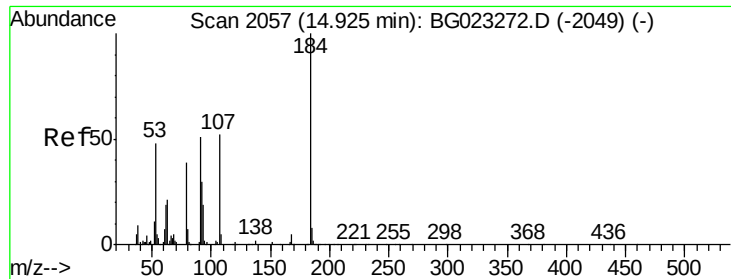
108 10.6 11.7 17.5#

92 125.7 129.7 194.5#



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC





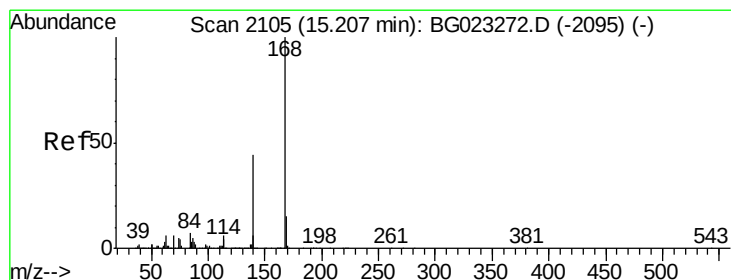
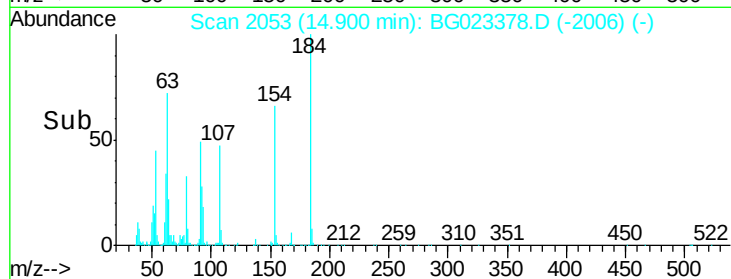
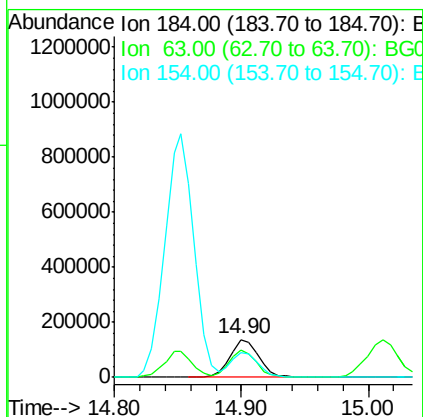
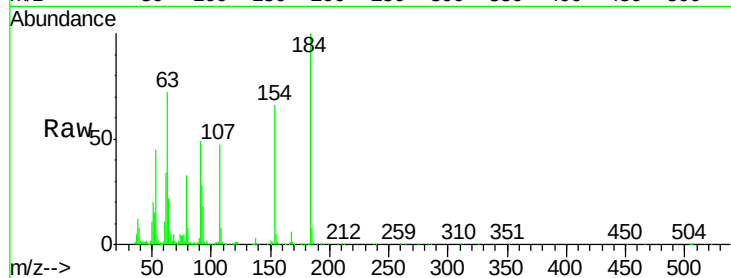
#53
2,4-Dinitrophenol
Concen: 34.31 ng
RT: 14.90 min Scan# 2053
Delta R.T. -0.02 min
Lab File: BG023378.D
Acq: 31 Jul 2016 21:40

Instrument :
BNA_G
ClientSampleId :
SB-32-16-17MS

Tgt Ion	Ratio	Lower	Upper
184	100		
63	72.3	59.6	89.4
154	65.8	67.4	101.0

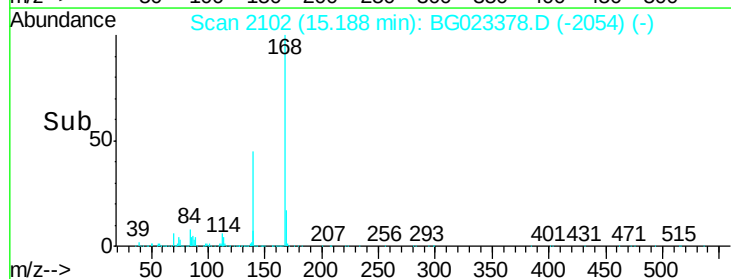
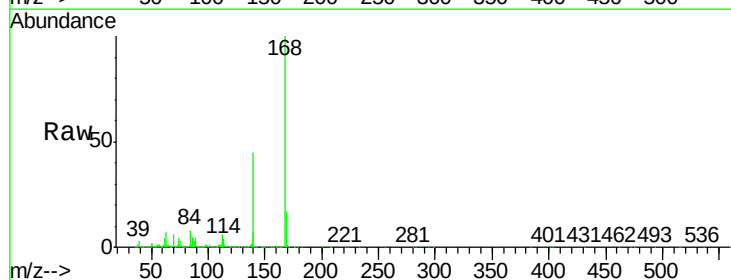
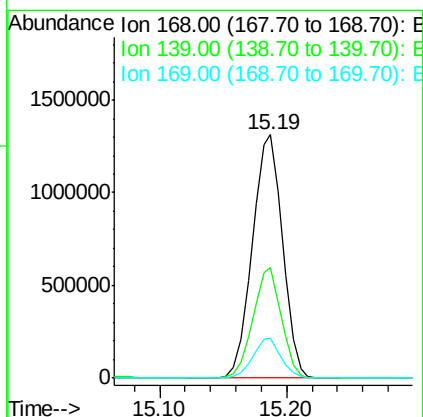
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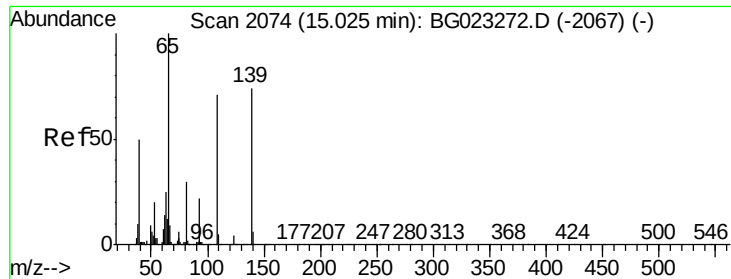
sohil
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#54
Dibenzofuran
Concen: 44.08 ng
RT: 15.19 min Scan# 2102
Delta R.T. -0.02 min
Lab File: BG023378.D
Acq: 31 Jul 2016 21:40

Tgt Ion	Ratio	Lower	Upper
168	100		
139	45.1	36.4	54.6
169	16.5	11.9	17.9





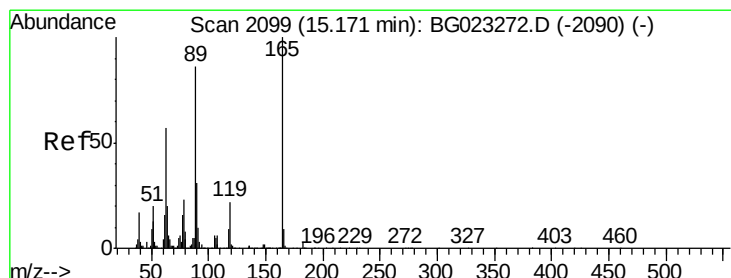
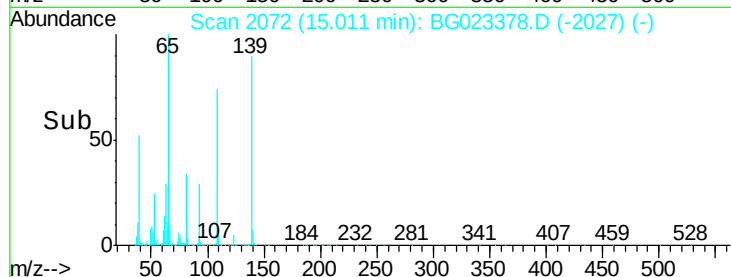
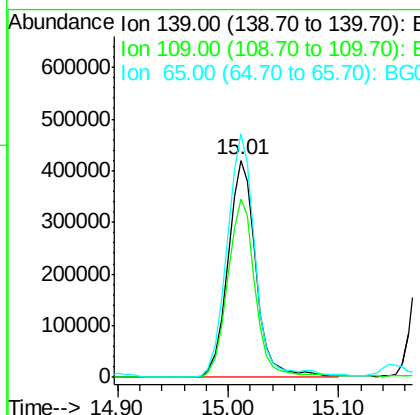
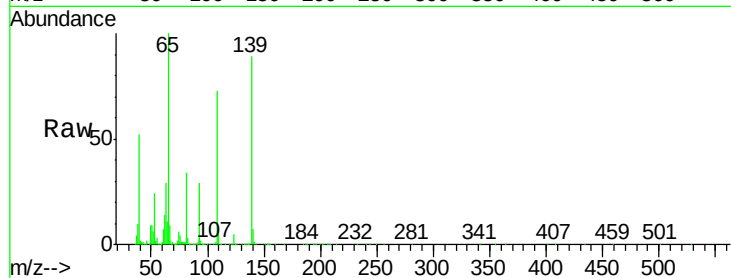
#55
4-Nitrophenol
Concen: 78.38 ng
RT: 15.01 min Scan# 2072
Delta R.T. -0.04 min
Lab File: BG023378.D
Acq: 31 Jul 2016 21:40

Instrument :
BNA_G
ClientSampleId :
SB-32-16-17MS

Tgt Ion	Ratio	Lower	Upper
139	100		
109	82.3	103.0	143.0#
65	112.3	112.7	152.7#

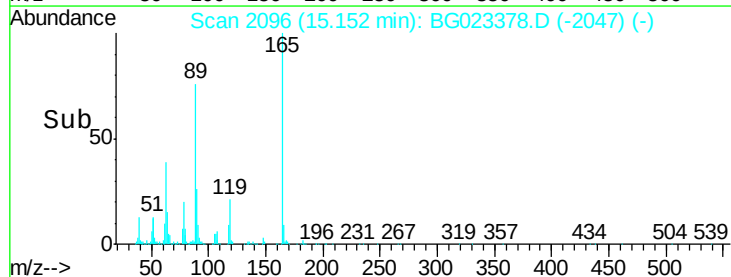
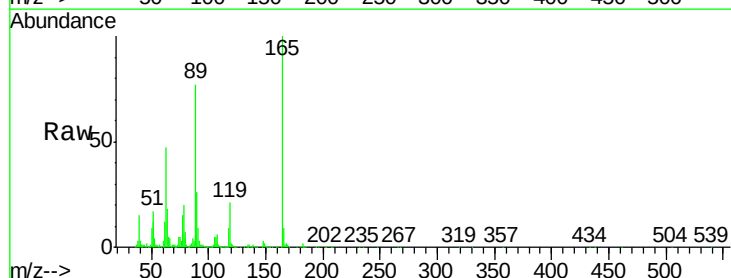
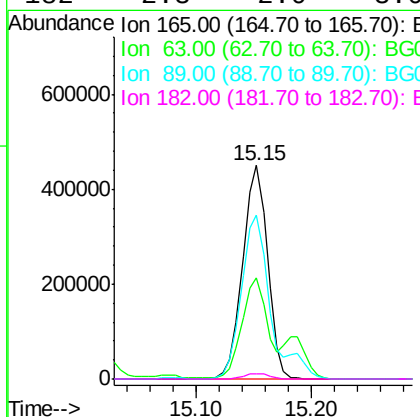
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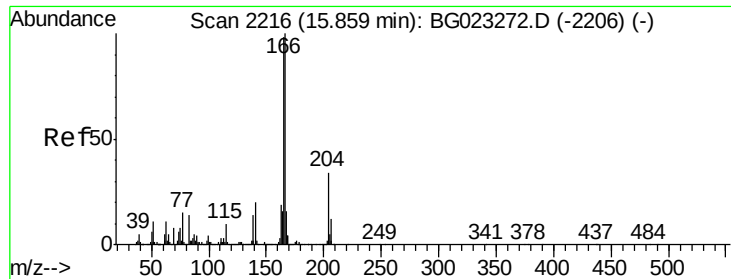
sohil
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#56
2,4-Dinitrotoluene
Concen: 44.26 ng
RT: 15.15 min Scan# 2096
Delta R.T. -0.01 min
Lab File: BG023378.D
Acq: 31 Jul 2016 21:40

Tgt Ion	Ratio	Lower	Upper
165	100		
63	47.1	45.8	68.6
89	76.8	68.6	102.8
182	2.3	2.0	3.0





#57

Fluorene

Concen: 41.85 ng

RT: 15.84 min Scan# 2213

Delta R.T. -0.02 min

Lab File: BG023378.D

Acq: 31 Jul 2016 21:40

Instrument :

BNA_G

ClientSampleId :

SB-32-16-17MS

Tgt Ion:166 Resp: 1817308

Ion Ratio Lower Upper

166 100

165 98.0 81.0 121.6

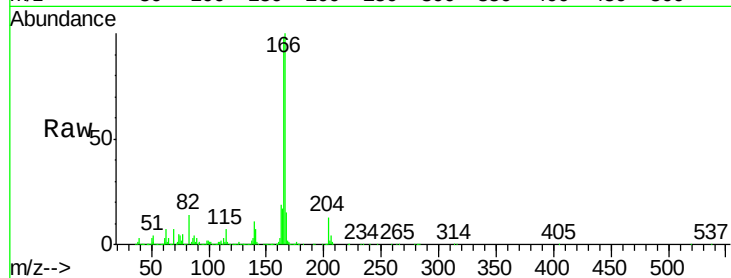
167 15.4 12.0 18.0

Manual Integrations

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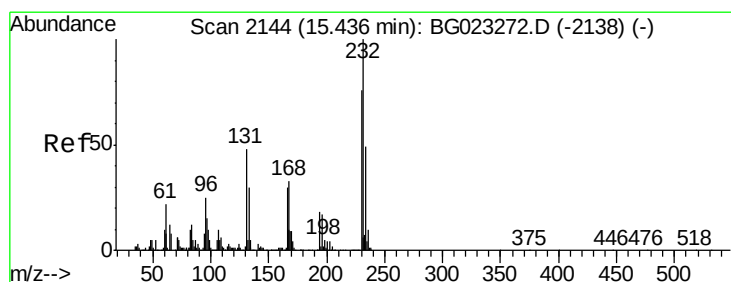
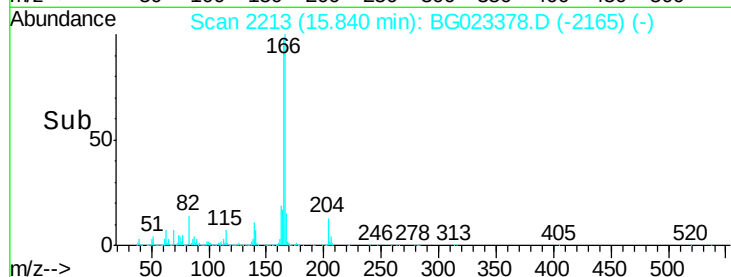
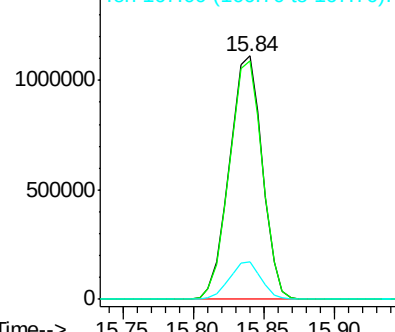


Abundance

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: 50.96 ng

RT: 15.42 min Scan# 2141

Delta R.T. -0.02 min

Lab File: BG023378.D

Acq: 31 Jul 2016 21:40

Tgt Ion:232 Resp: 544991

Ion Ratio Lower Upper

232 100

131 44.7 32.7 49.1

130 2.7 2.6 3.8

166 32.9 23.0 34.6

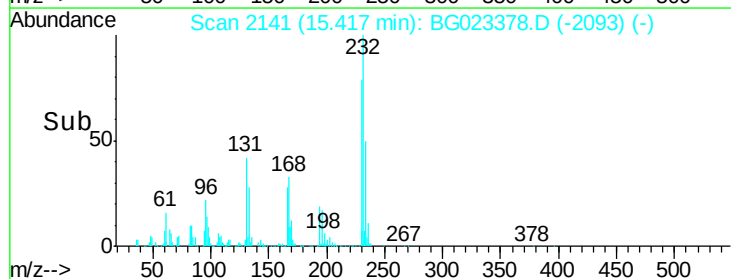
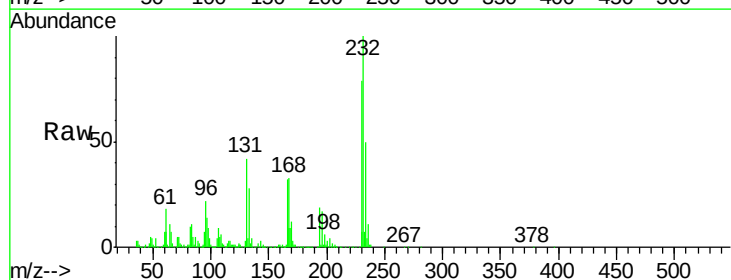
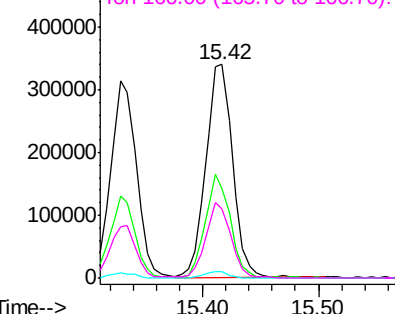
Abundance

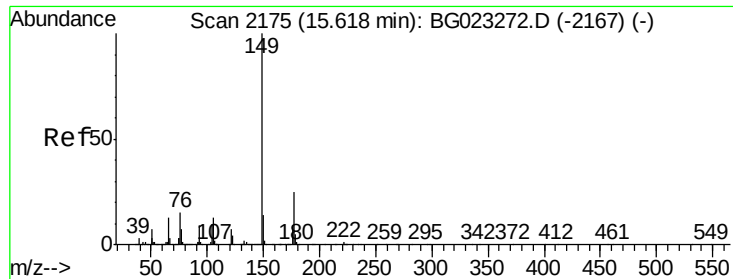
Ion 232.00 (231.70 to 232.70): E

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





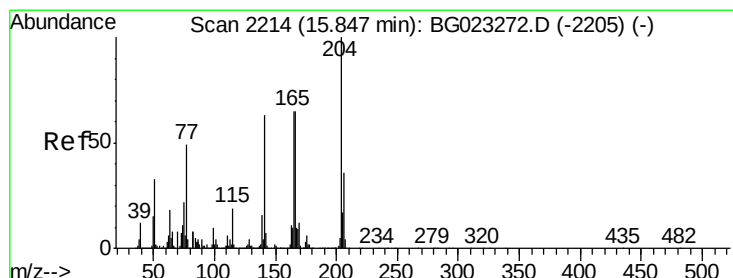
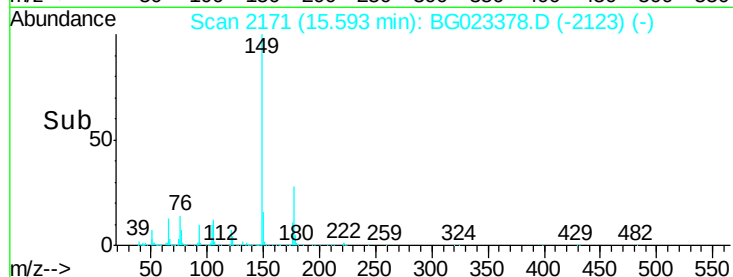
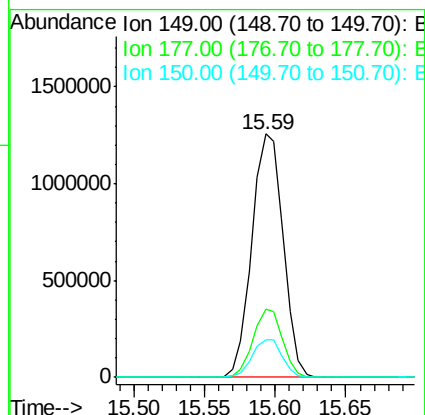
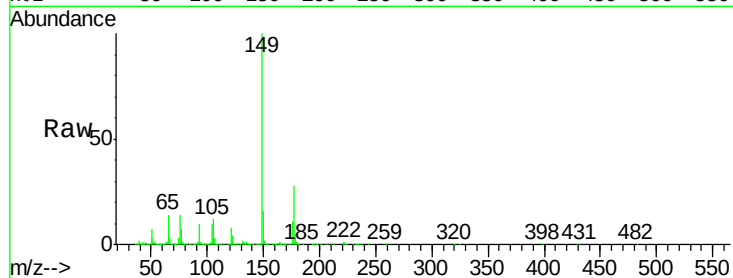
#59
Diethylphthalate
Concen: 41.39 ng
RT: 15.59 min Scan# 2171
Delta R.T. -0.02 min
Lab File: BG023378.D
Acq: 31 Jul 2016 21:40

Instrument :
BNA_G
ClientSampleId :
SB-32-16-17MS

Tgt Ion	Ratio	Lower	Upper
149	100		
177	28.2	19.2	28.8
150	15.6	10.6	16.0

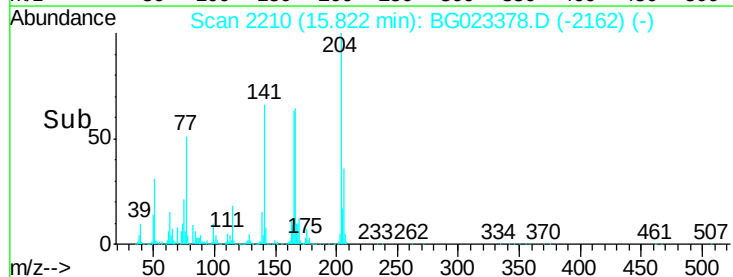
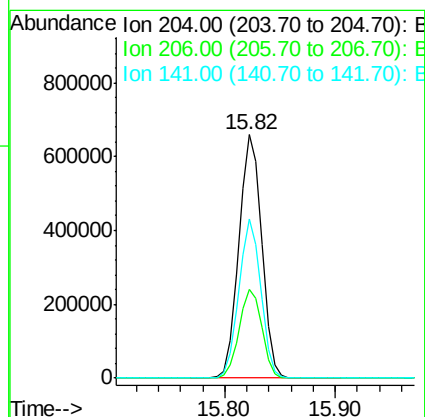
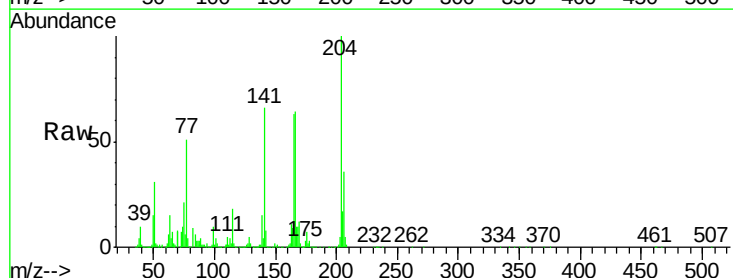
Manual Integrations
APPROVED

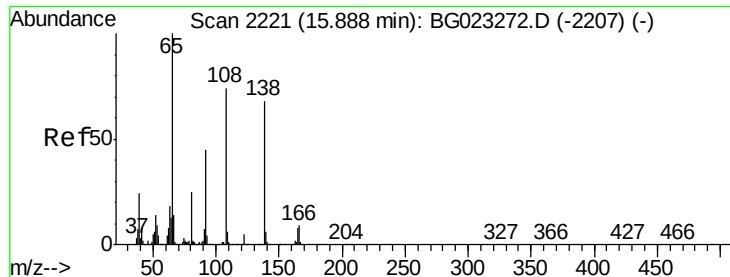
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#60
4-Chlorophenyl-phenylether
Concen: 40.73 ng
RT: 15.82 min Scan# 2210
Delta R.T. -0.02 min
Lab File: BG023378.D
Acq: 31 Jul 2016 21:40

Tgt Ion	Ratio	Lower	Upper
204	100		
206	36.3	28.5	42.7
141	65.6	51.4	77.0





#61

4-Nitroaniline

Concen: 44.90 ng

RT: 15.87 min Scan# 2218

Delta R.T. -0.02 min

Lab File: BG023378.D

Acq: 31 Jul 2016 21:40

Instrument :

BNA_G

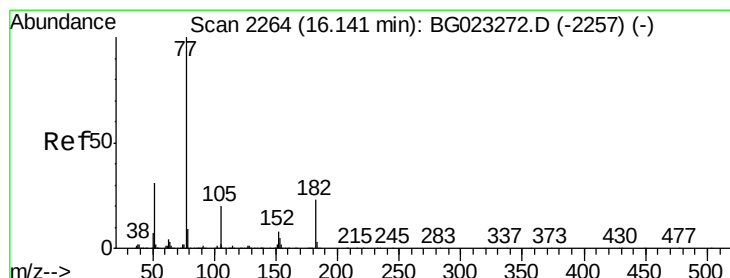
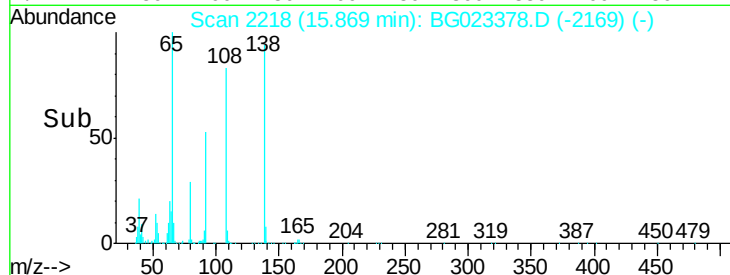
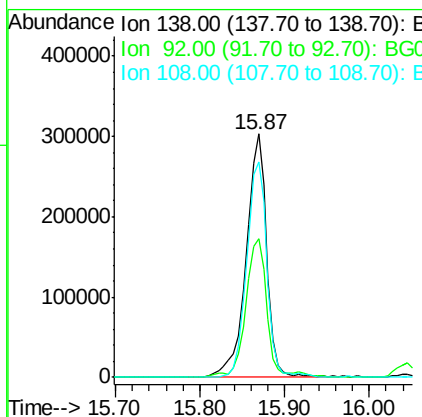
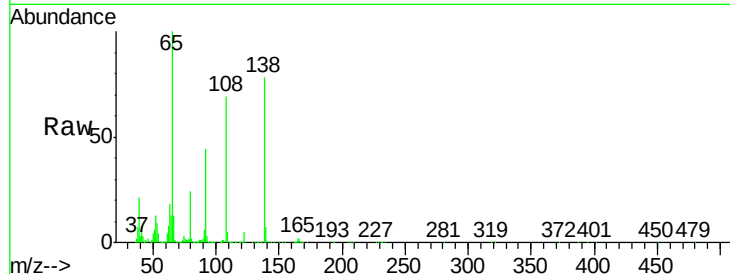
ClientSampleId :

SB-32-16-17MS

Tgt Ion:	138	Resp:	513127
Ion Ratio	Lower	Upper	
138	100		
92	57.2	54.1	94.1
108	88.4	133.9	173.9#

Manual Integrations
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#62

Azobenzene

Concen: 42.79 ng

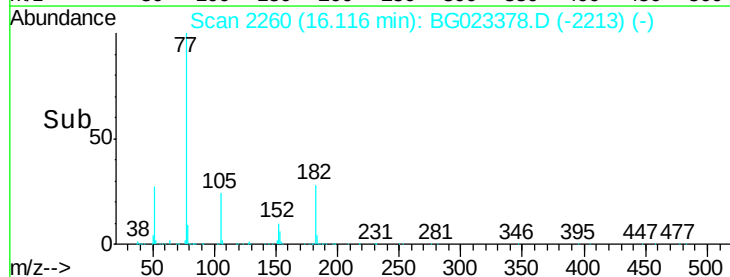
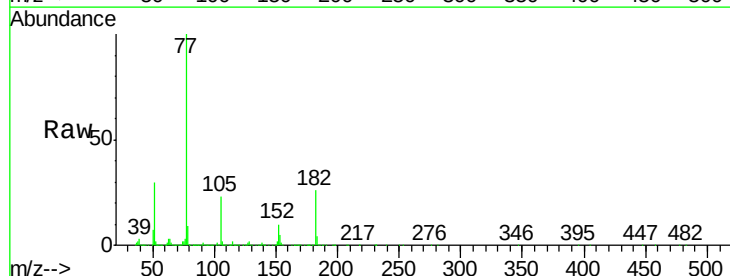
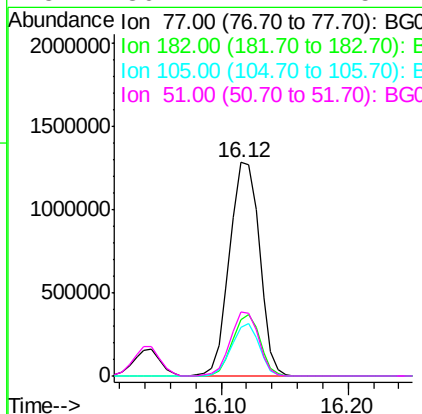
RT: 16.12 min Scan# 2260

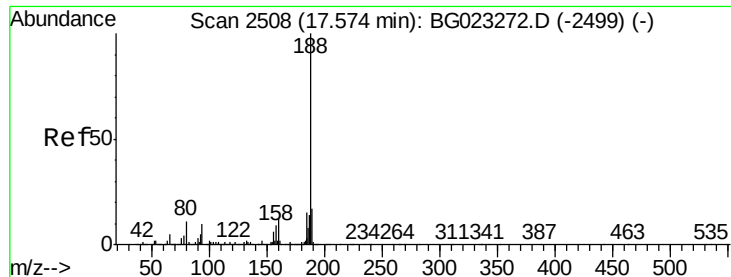
Delta R.T. -0.03 min

Lab File: BG023378.D

Acq: 31 Jul 2016 21:40

Tgt Ion:	77	Resp:	2099672
Ion Ratio	Lower	Upper	
77	100		
182	26.3	3.5	43.5
105	23.0	0.0	38.5
51	30.1	17.1	57.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.54 min Scan# 2503

Delta R.T. -0.03 min

Lab File: BG023378.D

Acq: 31 Jul 2016 21:40

Instrument :

BNA_G

ClientSampleId :

SB-32-16-17MS

Tgt Ion:188 Resp: 1446289

Ion Ratio Lower Upper

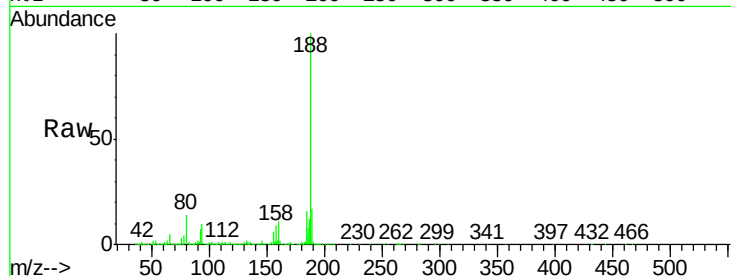
188 100

94 10.1 5.2 7.8#

80 14.3 7.2 10.8#

Manual Integrations
APPROVED

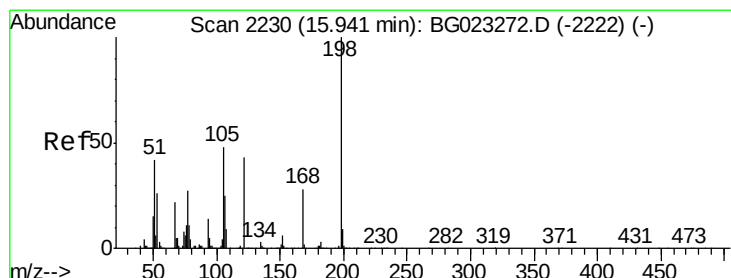
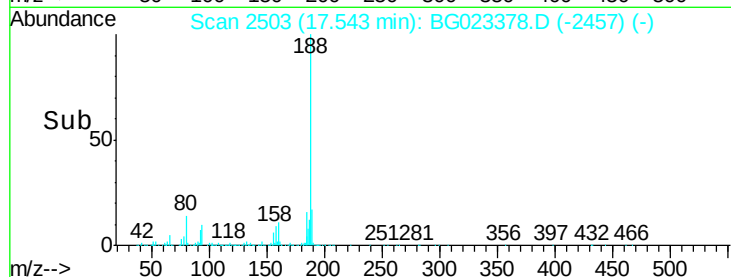
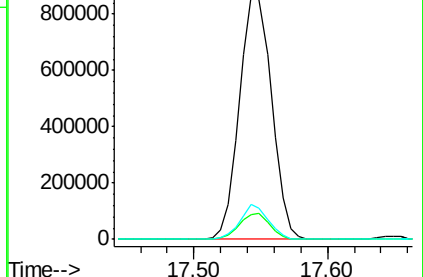
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Abundance Ion 188.00 (187.70 to 188.70): E

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: 40.03 ng

RT: 15.92 min Scan# 2226

Delta R.T. -0.02 min

Lab File: BG023378.D

Acq: 31 Jul 2016 21:40

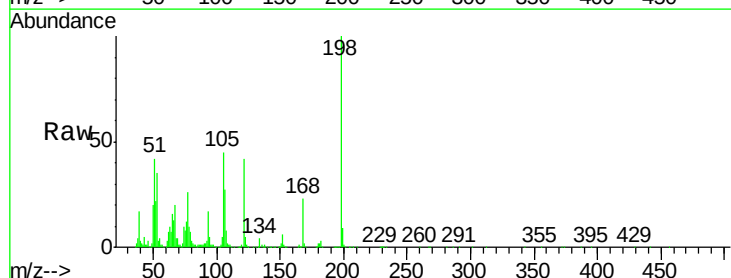
Tgt Ion:198 Resp: 371849

Ion Ratio Lower Upper

198 100

51 42.3 26.0 66.0

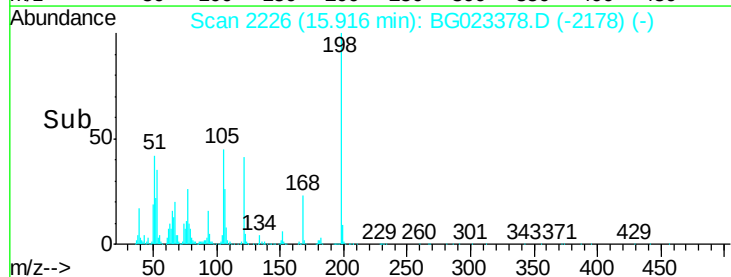
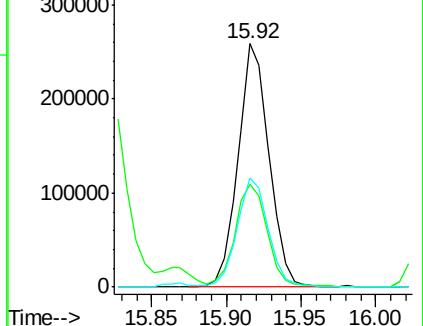
105 44.8 20.1 60.1

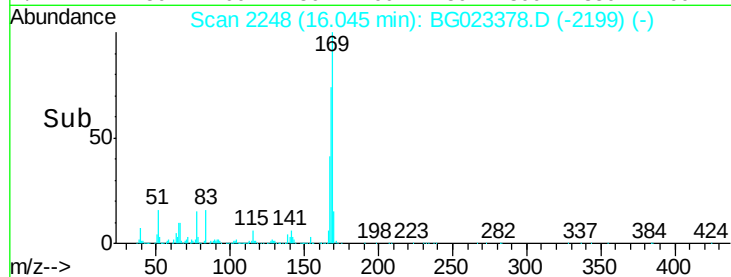
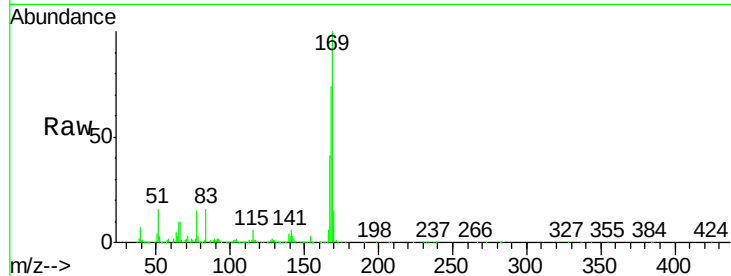
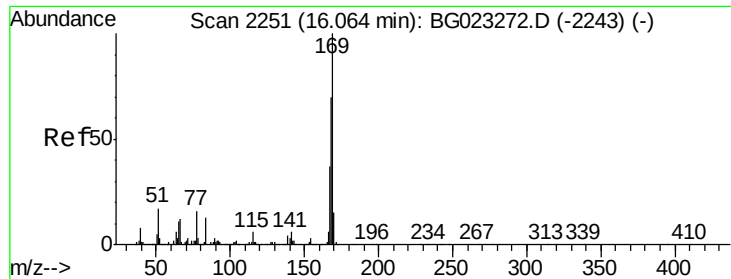


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





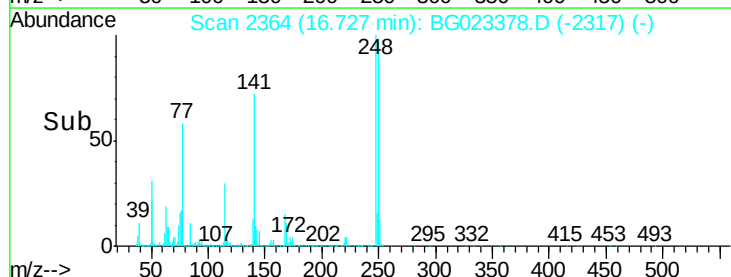
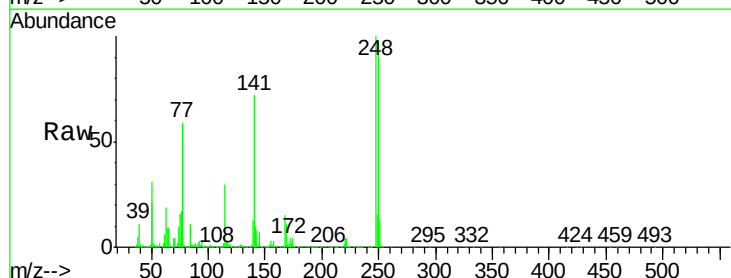
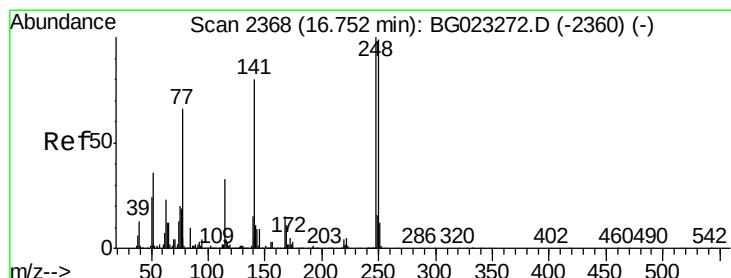
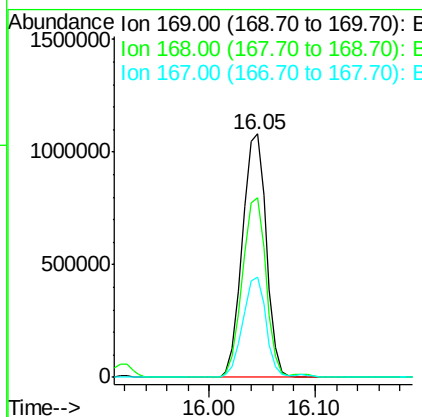
#65
n-Nitrosodiphenylamine
Concen: 43.87 ng
RT: 16.05 min Scan# 2248
Delta R.T. -0.02 min
Lab File: BG023378.D
Acq: 31 Jul 2016 21:40

Tgt Ion	Ratio	Lower	Upper
169	100		
168	73.7	55.0	82.4
167	41.1	27.4	41.0

Instrument :
BNA_G
ClientSampleId :
SB-32-16-17MS

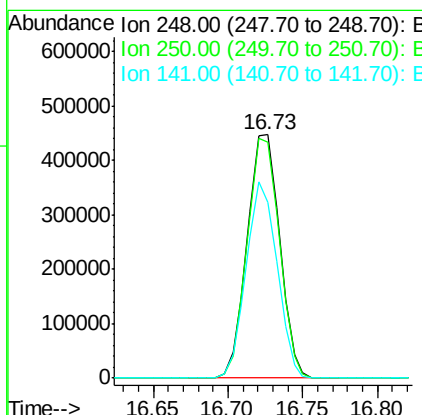
Manual Integrations
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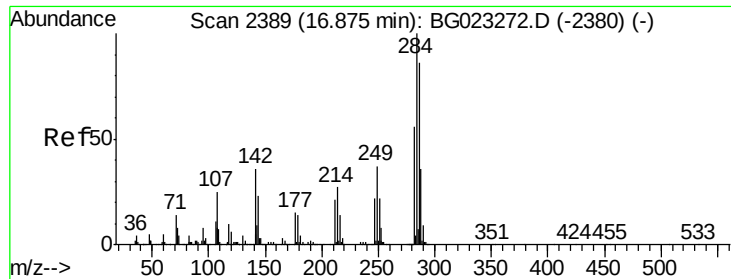
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#66
4-Bromophenyl-phenylether
Concen: 46.14 ng
RT: 16.73 min Scan# 2364
Delta R.T. -0.02 min
Lab File: BG023378.D
Acq: 31 Jul 2016 21:40

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.9	77.8	116.8
141	72.3	65.7	98.5





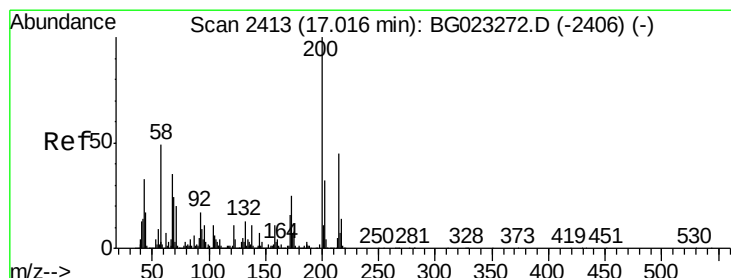
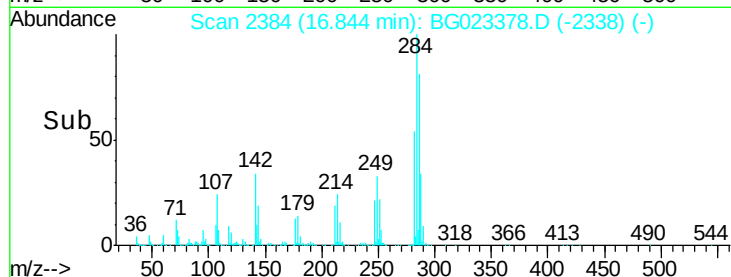
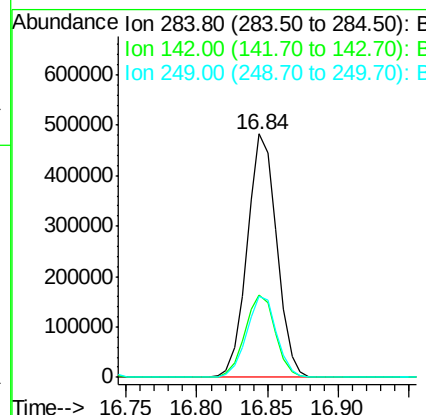
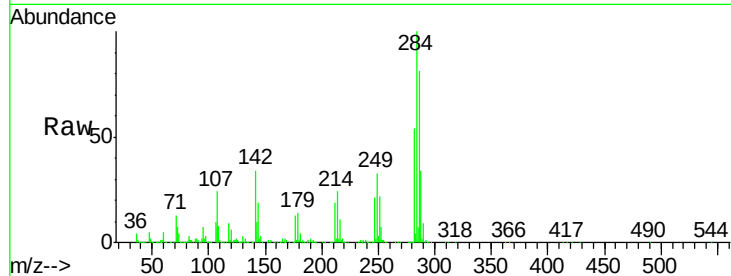
#67
Hexachlorobenzene
Concen: 48.01 ng
RT: 16.84 min Scan# 2384
Delta R.T. -0.03 min
Lab File: BG023378.D
Acq: 31 Jul 2016 21:40

Instrument :
BNA_G
ClientSampleId :
SB-32-16-17MS

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.8	26.8	40.2
249	33.5	28.9	43.3

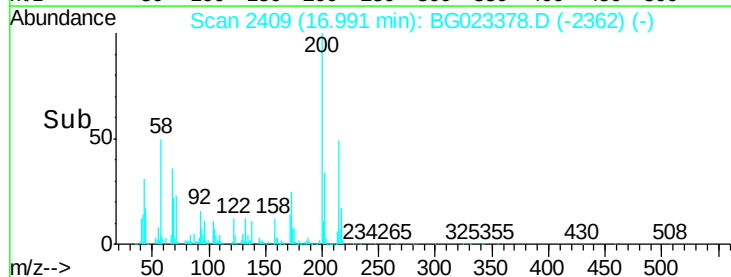
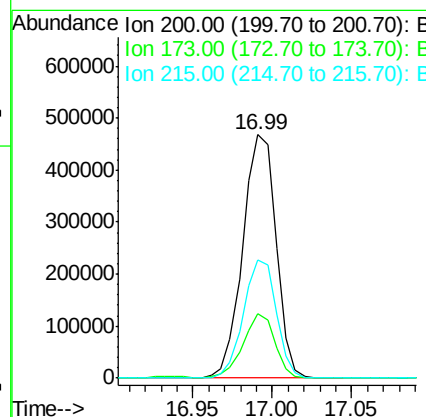
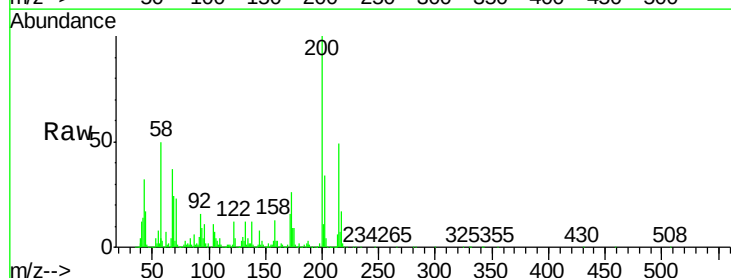
Manual Integrations
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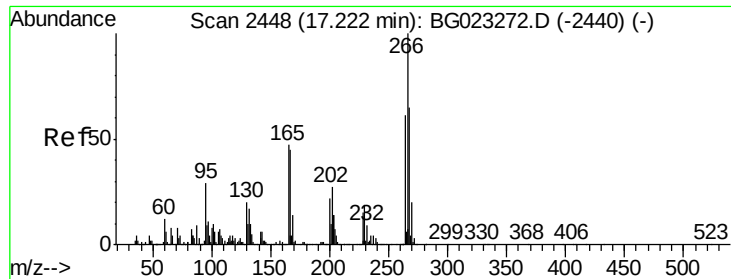
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#68
Atrazine
Concen: 45.95 ng
RT: 16.99 min Scan# 2409
Delta R.T. -0.02 min
Lab File: BG023378.D
Acq: 31 Jul 2016 21:40

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.3	1.6	41.6
215	48.6	28.7	68.7





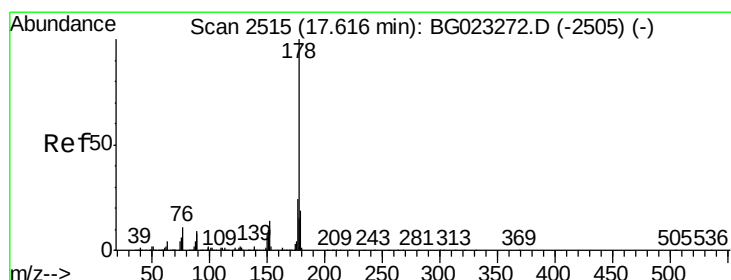
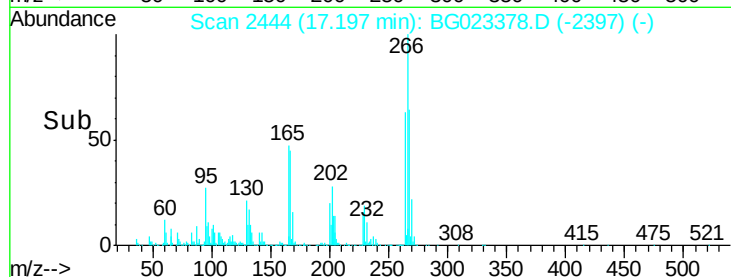
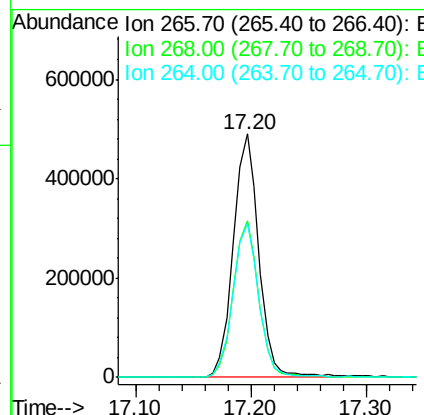
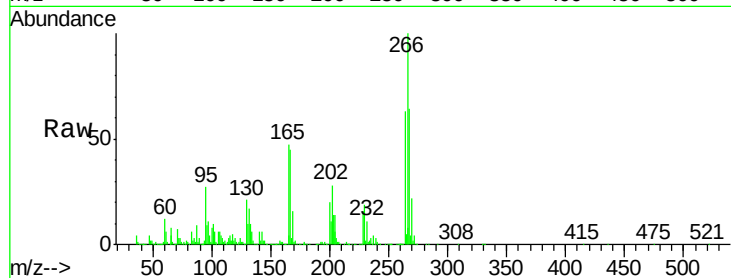
#69
 Pentachlorophenol
 Concen: 82.72 ng
 RT: 17.20 min Scan# 2444
 Delta R.T. -0.02 min
 Lab File: BG023378.D
 Acq: 31 Jul 2016 21:40

Instrument :
 BNA_G
 ClientSampleId :
 SB-32-16-17MS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	750679		
268	64.3	51.9	77.9	
264	63.4	50.6	75.8	

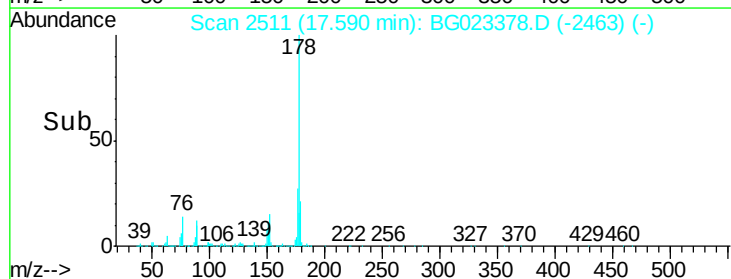
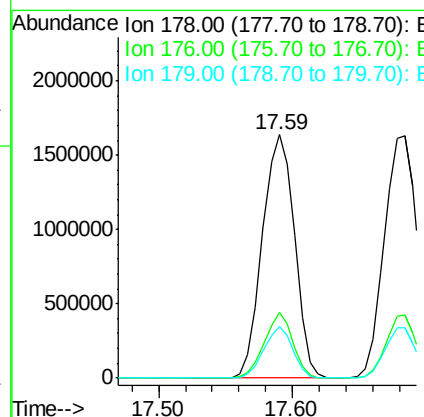
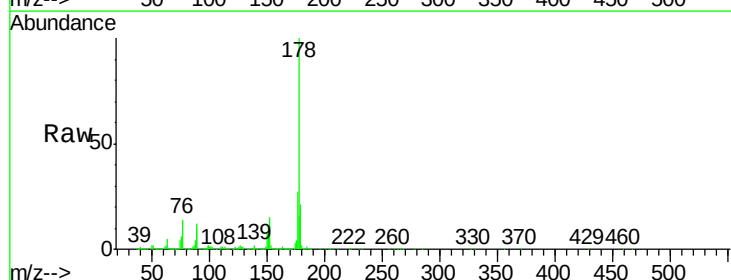
Manual Integrations
 APPROVED

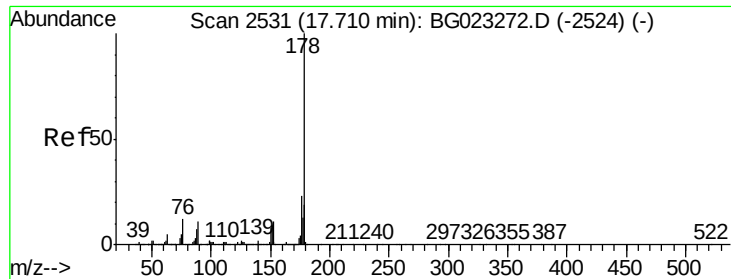
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#70
 Phenanthrene
 Concen: 43.04 ng
 RT: 17.59 min Scan# 2511
 Delta R.T. -0.02 min
 Lab File: BG023378.D
 Acq: 31 Jul 2016 21:40

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	2723089		
176	27.1	16.8	25.2#	
179	21.2	14.3	21.5	





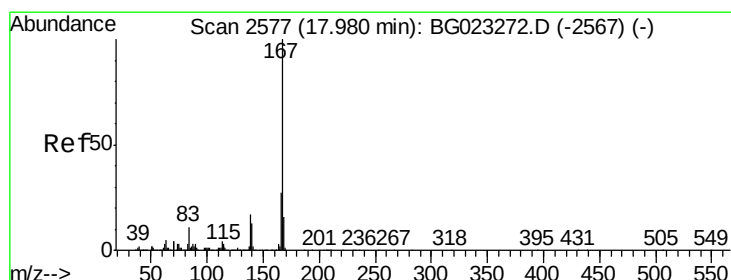
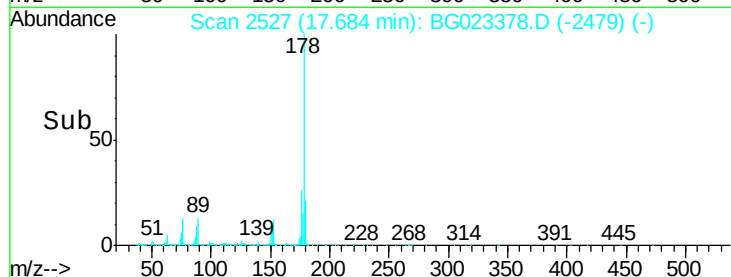
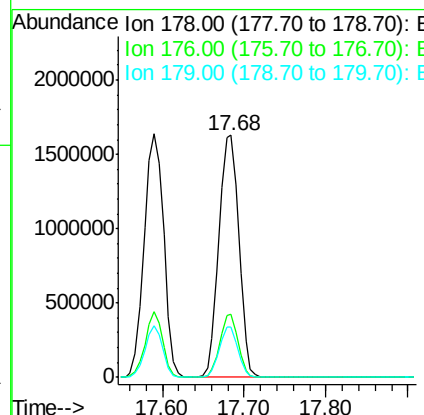
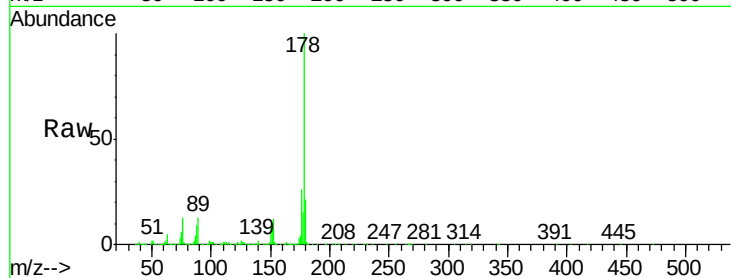
#71
 Anthracene
 Concen: 43.57 ng
 RT: 17.68 min Scan# 2527
 Delta R.T. -0.02 min
 Lab File: BG023378.D
 Acq: 31 Jul 2016 21:40

Instrument :
 BNA_G
 ClientSampleId :
 SB-32-16-17MS

Tgt Ion:178 Resp: 2784800
 Ion Ratio Lower Upper
 178 100
 176 26.3 17.3 25.9#
 179 20.9 14.0 21.0

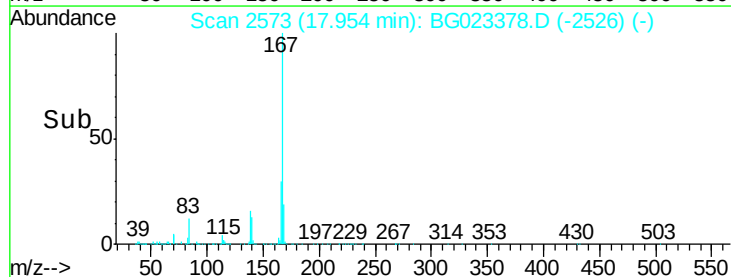
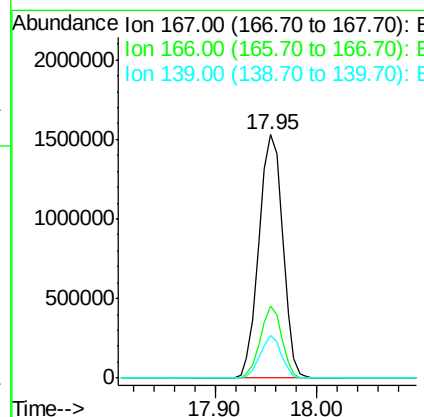
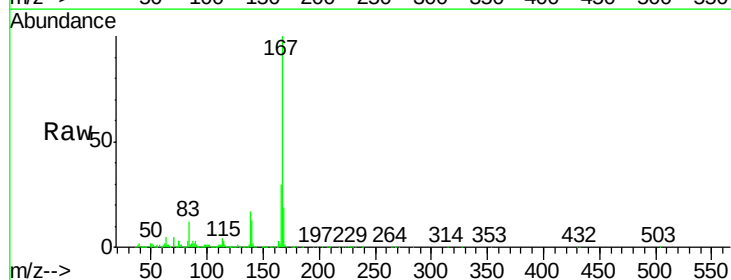
Manual Integrations
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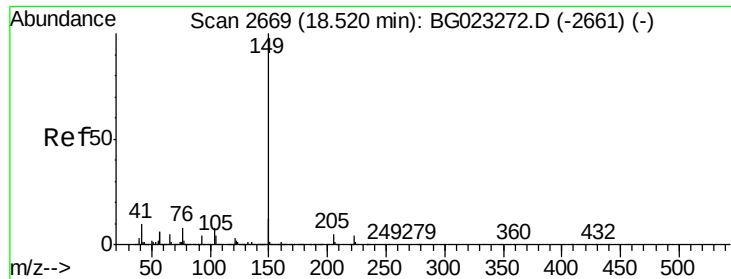
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#72
 Carbazole
 Concen: 43.21 ng
 RT: 17.95 min Scan# 2573
 Delta R.T. -0.03 min
 Lab File: BG023378.D
 Acq: 31 Jul 2016 21:40

Tgt Ion:167 Resp: 2529727
 Ion Ratio Lower Upper
 167 100
 166 29.6 20.7 31.1
 139 17.4 11.9 17.9





#73

Di-n-butylphthalate

Concen: 42.25 ng

RT: 18.49 min Scan# 2665

Delta R.T. -0.03 min

Lab File: BG023378.D

Acq: 31 Jul 2016 21:40

Instrument :

BNA_G

ClientSampleId :

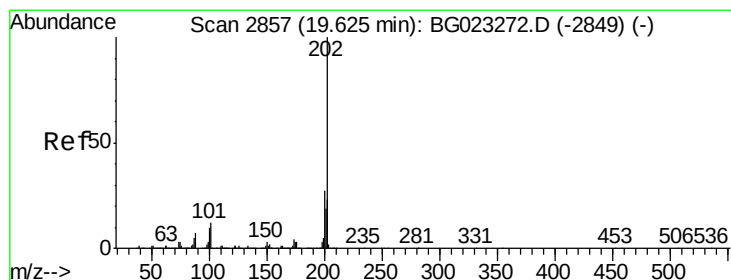
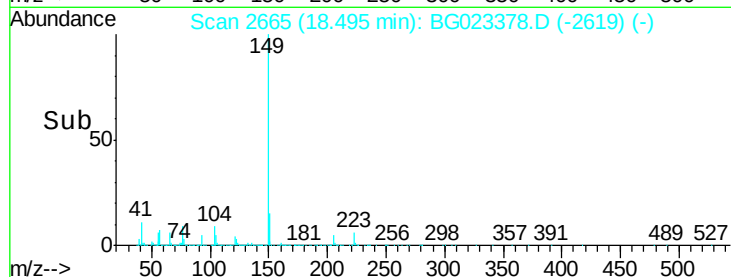
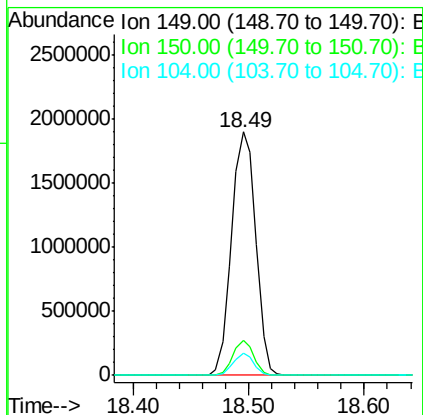
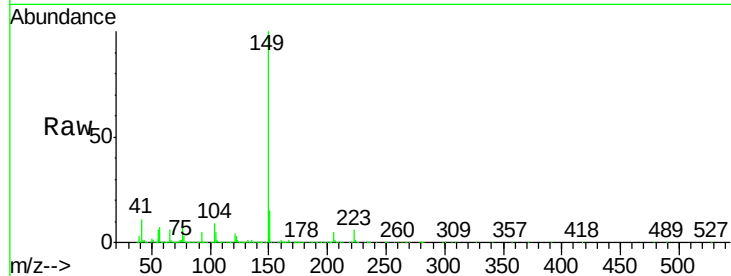
SB-32-16-17MS

Tgt Ion:149 Resp: 2759460

Ion	Ratio	Lower	Upper
149	100		
150	14.6	9.1	13.7#
104	8.9	6.9	10.3

Manual Integrations
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#74

Fluoranthene

Concen: 38.80 ng

RT: 19.60 min Scan# 2853

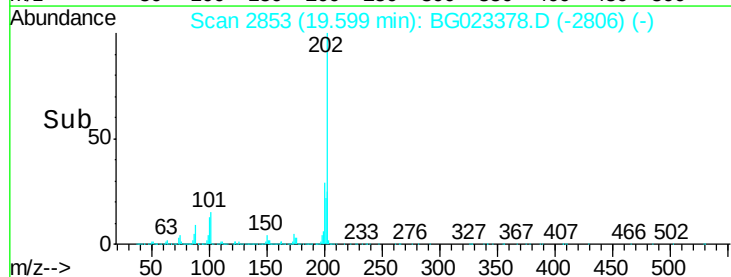
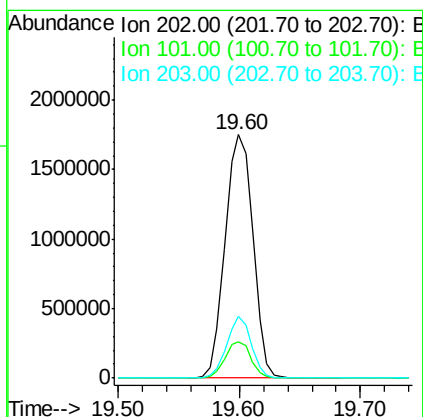
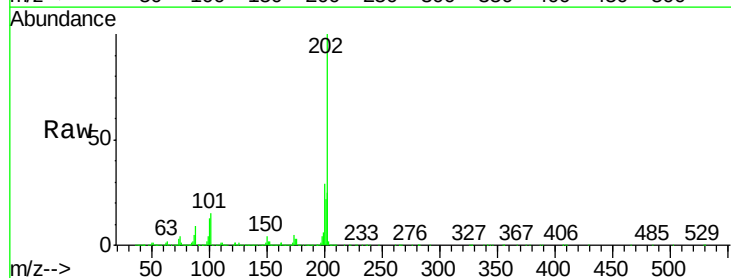
Delta R.T. -0.03 min

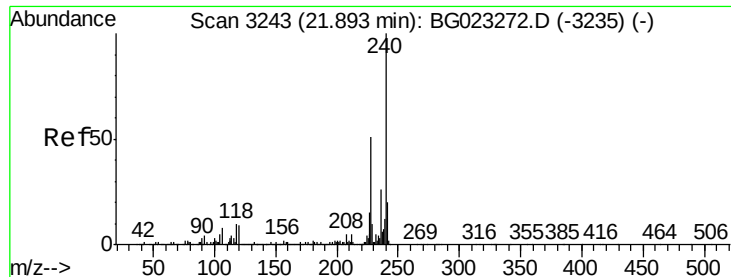
Lab File: BG023378.D

Acq: 31 Jul 2016 21:40

Tgt Ion:202 Resp: 2801216

Ion	Ratio	Lower	Upper
202	100		
101	15.1	0.0	27.4
203	25.4	1.7	41.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.86 min Scan# 3238

Delta R.T. -0.03 min

Lab File: BG023378.D

Acq: 31 Jul 2016 21:40

Instrument :

BNA_G

ClientSampleId :

SB-32-16-17MS

Tgt Ion:240 Resp: 1196676

Ion Ratio Lower Upper

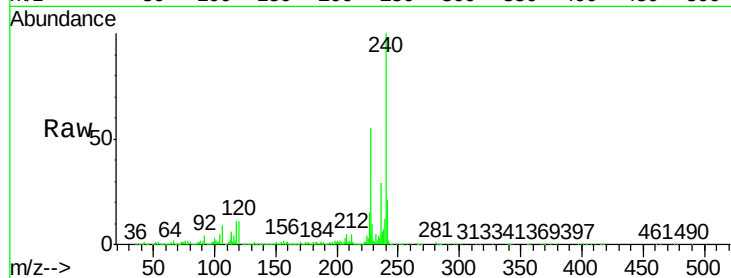
240 100

120 11.1 4.1 6.1#

236 28.6 21.1 31.7

Manual Integrations
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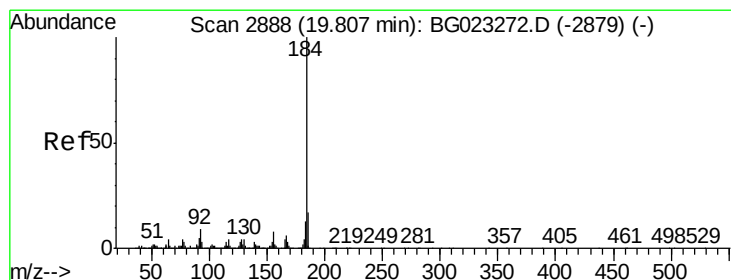
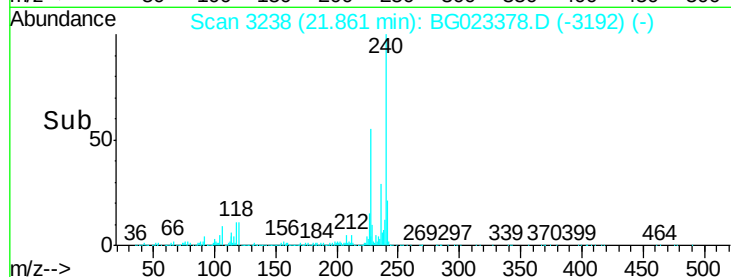
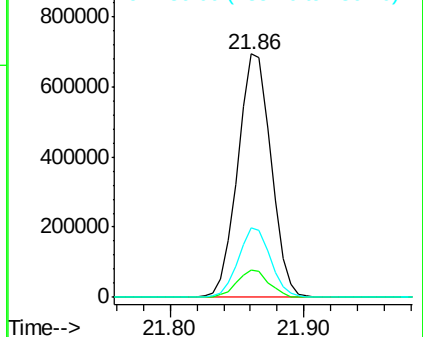
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 47.92 ng

RT: 19.78 min Scan# 2884

Delta R.T. -0.03 min

Lab File: BG023378.D

Acq: 31 Jul 2016 21:40

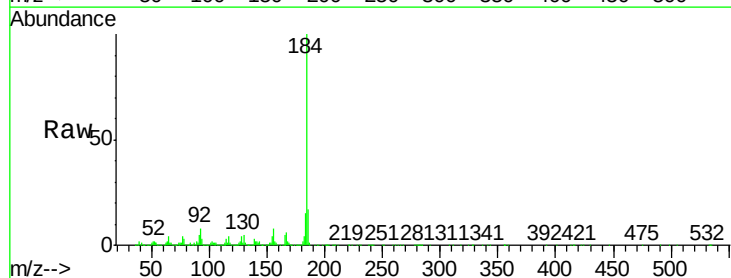
Tgt Ion:184 Resp: 1612793

Ion Ratio Lower Upper

184 100

185 17.0 12.6 19.0

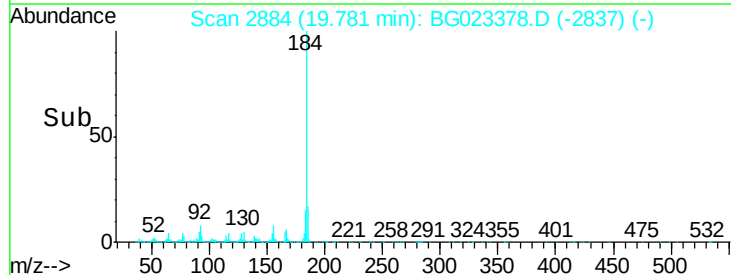
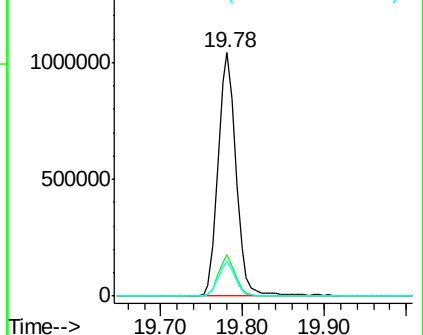
183 14.6 10.7 16.1

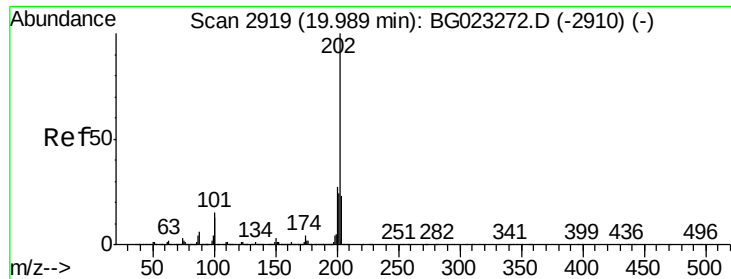


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





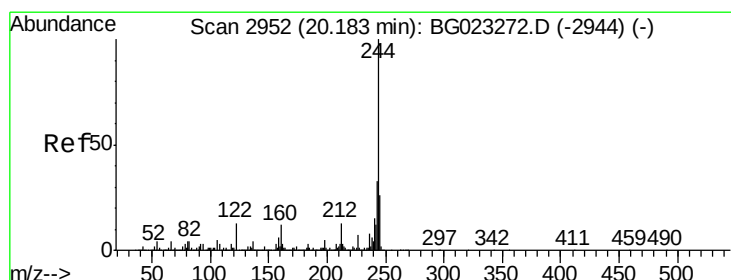
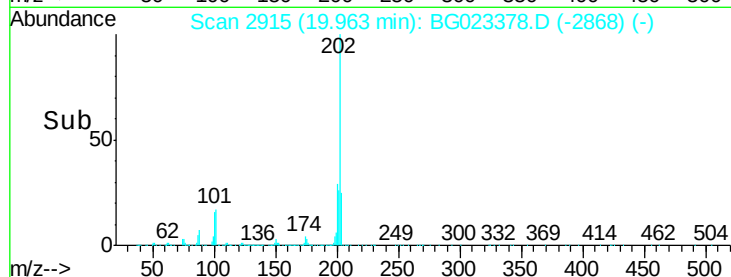
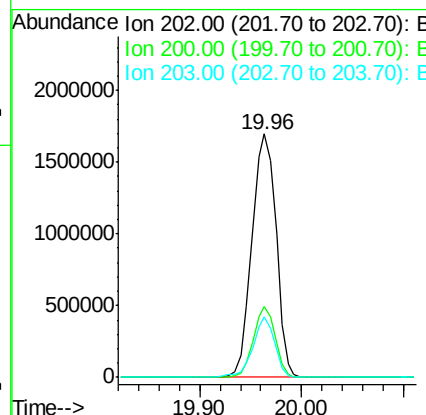
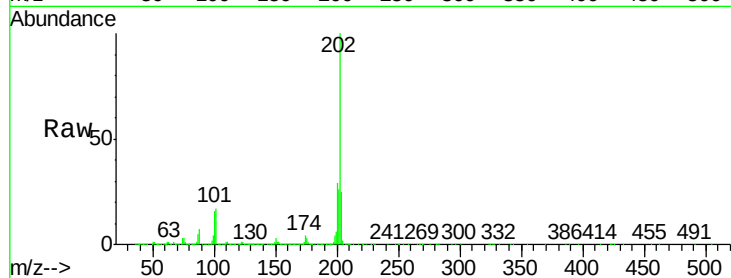
#77
Pyrene
 Concen: 41.36 ng
 RT: 19.96 min Scan# 2915
 Delta R.T. -0.03 min
 Lab File: BG023378.D
 Acq: 31 Jul 2016 21:40

Instrument :
 BNA_G
 ClientSampleId :
 SB-32-16-17MS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	29.1	21.2	31.8
203	24.7	16.8	25.2

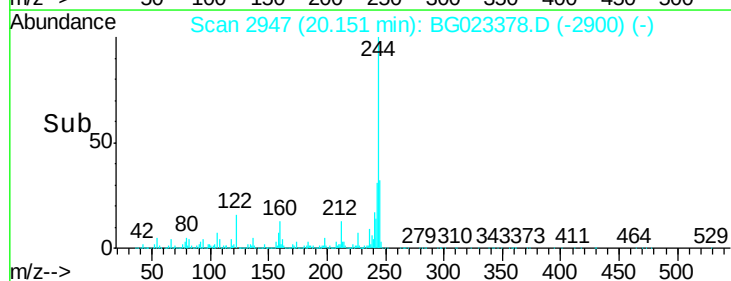
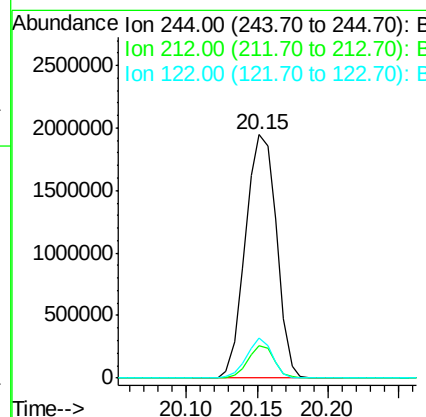
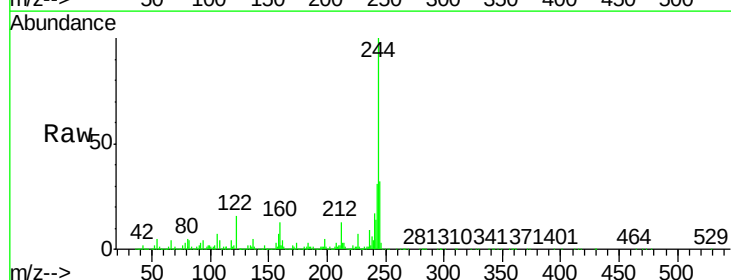
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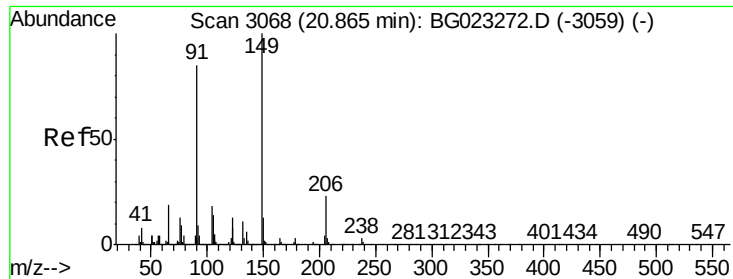
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#78
Terphenyl-d14
 Concen: 81.81 ng
 RT: 20.15 min Scan# 2947
 Delta R.T. -0.03 min
 Lab File: BG023378.D
 Acq: 31 Jul 2016 21:40

Tgt Ion	Ratio	Lower	Upper
244	100		
212	13.5	10.8	16.2
122	16.3	8.0	12.0#





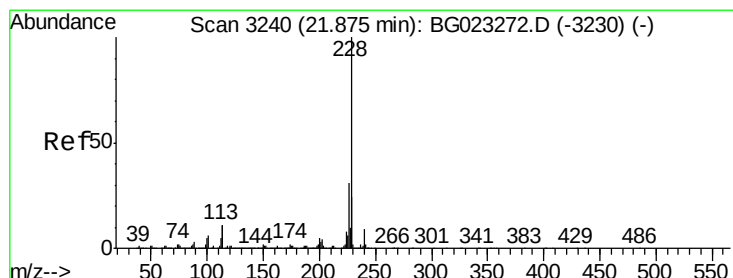
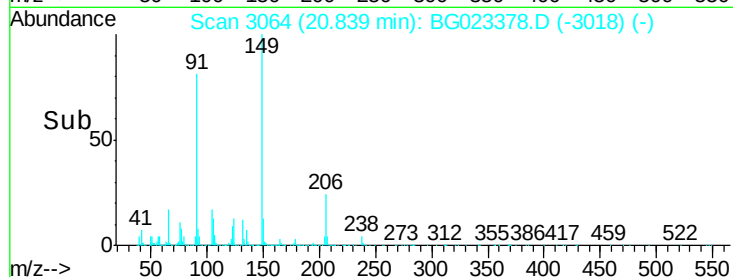
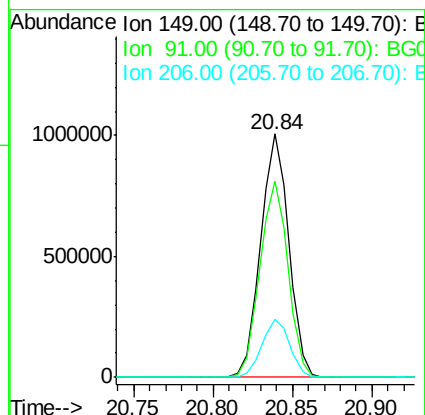
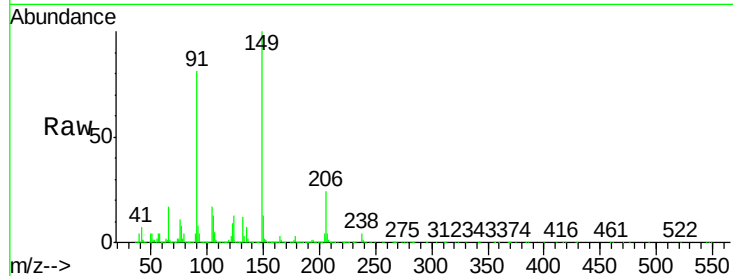
#79
Butylbenzylphthalate
Concen: 41.83 ng
RT: 20.84 min Scan# 3064
Delta R.T. -0.03 min
Lab File: BG023378.D
Acq: 31 Jul 2016 21:40

Instrument :
BNA_G
ClientSampleId :
SB-32-16-17MS

Tgt Ion:149 Resp: 1249825
Ion Ratio Lower Upper
149 100
91 80.7 68.1 102.1
206 23.6 19.8 29.6

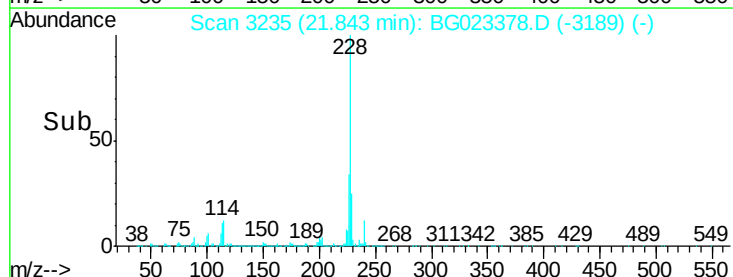
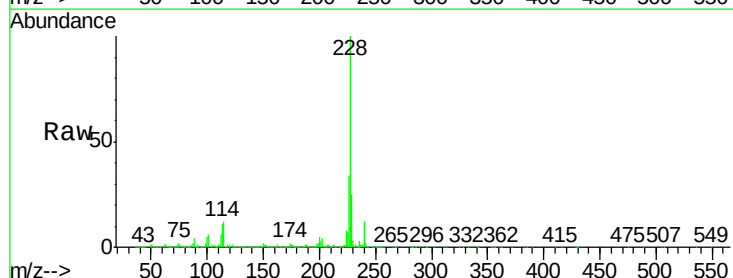
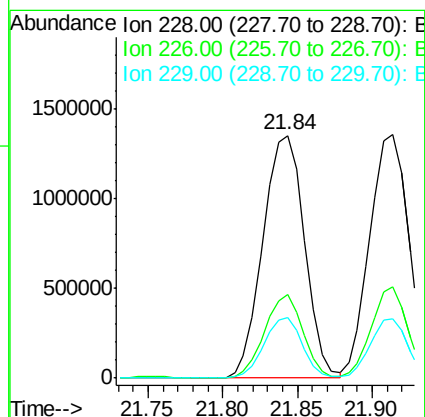
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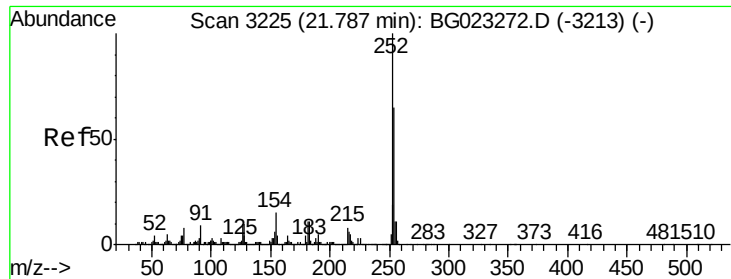
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#80
Benzo(a)anthracene
Concen: 41.80 ng
RT: 21.84 min Scan# 3235
Delta R.T. -0.03 min
Lab File: BG023378.D
Acq: 31 Jul 2016 21:40

Tgt Ion:228 Resp: 2618879
Ion Ratio Lower Upper
228 100
226 34.2 25.3 37.9
229 25.1 19.9 29.9





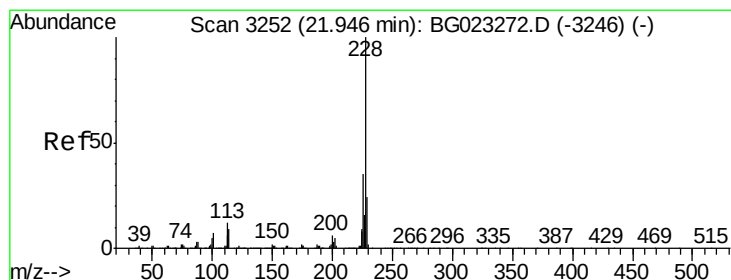
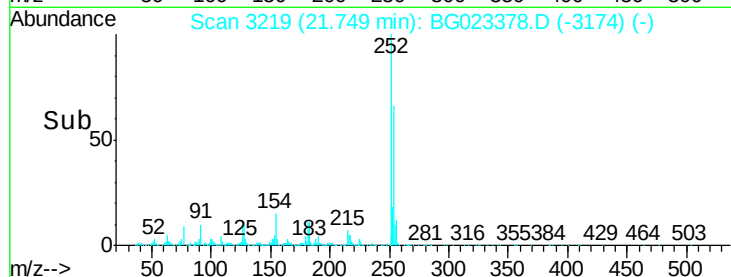
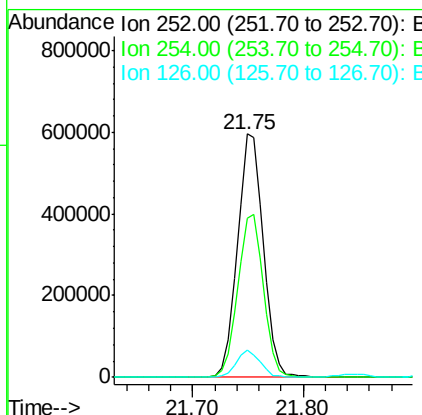
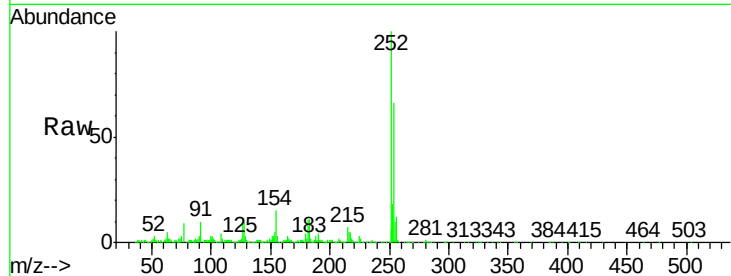
#81
 3,3'-Dichlorobenzidine
 Concen: 38.62 ng
 RT: 21.75 min Scan# 3219
 Delta R.T. -0.03 min
 Lab File: BG023378.D
 Acq: 31 Jul 2016 21:40

Instrument :
 BNA_G
 ClientSampleId :
 SB-32-16-17MS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	981076		
254	65.6	51.2	76.8	
126	11.1	5.3	7.9	

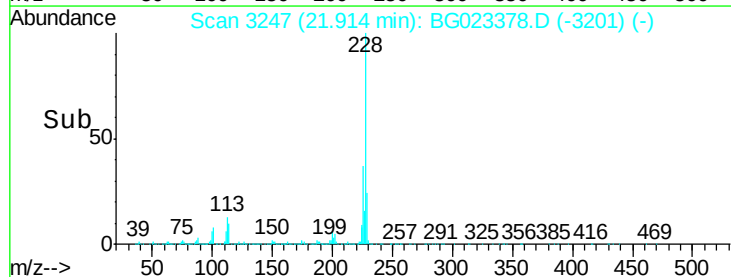
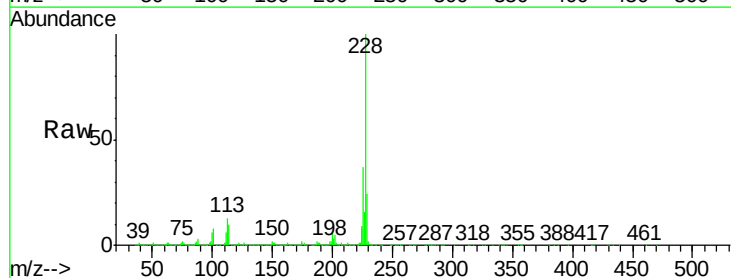
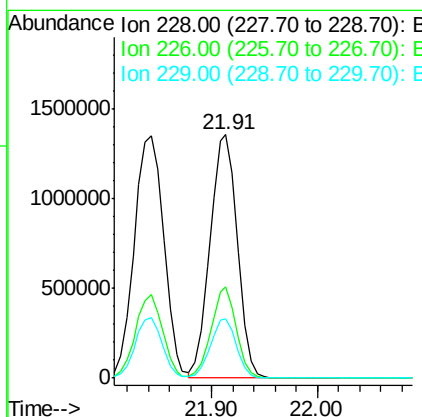
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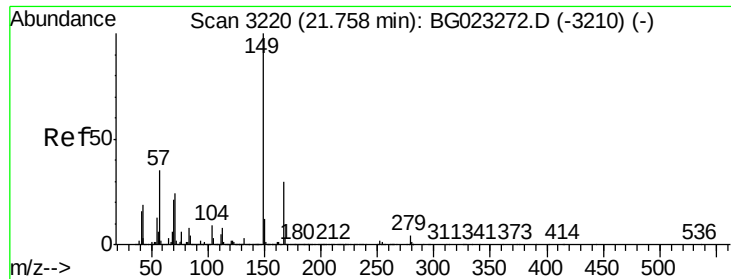
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#82
 Chrysene
 Concen: 40.42 ng
 RT: 21.91 min Scan# 3247
 Delta R.T. -0.03 min
 Lab File: BG023378.D
 Acq: 31 Jul 2016 21:40

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	2446609		
226	37.3	26.7	40.1	
229	24.4	17.4	26.2	





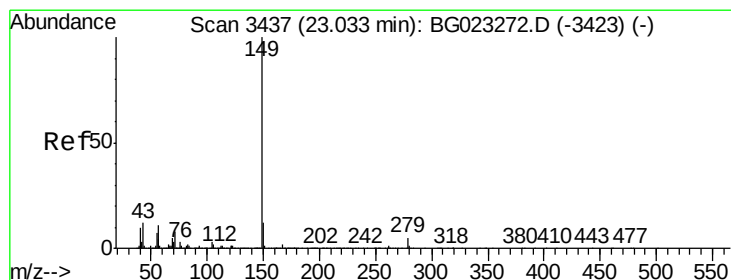
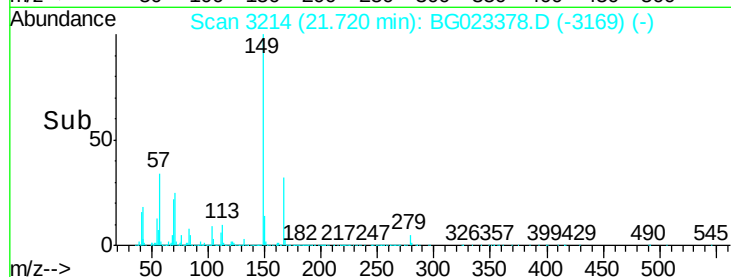
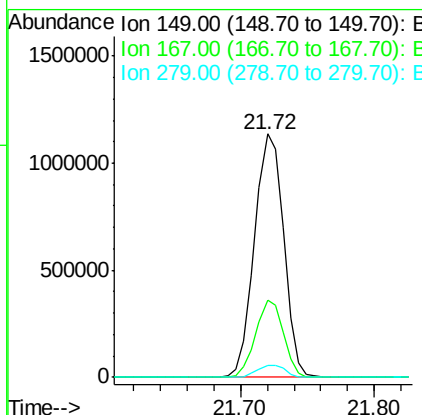
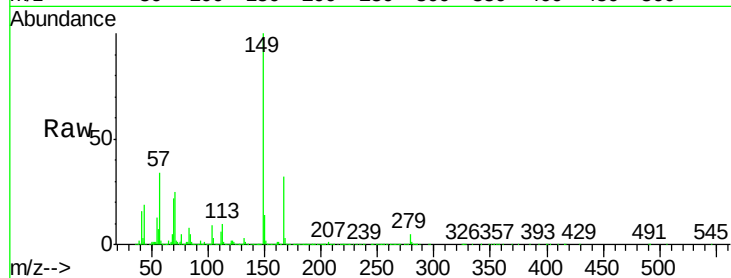
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.97 ng
 RT: 21.72 min Scan# 3214
 Delta R.T. -0.03 min
 Lab File: BG023378.D
 Acq: 31 Jul 2016 21:40

Instrument :
 BNA_G
 ClientSampleId :
 SB-32-16-17MS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.9	24.0	36.0
279	4.8	4.8	7.2

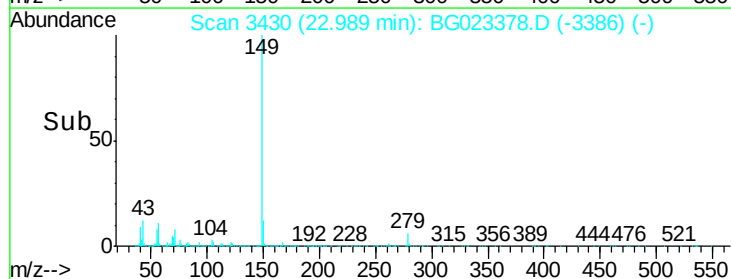
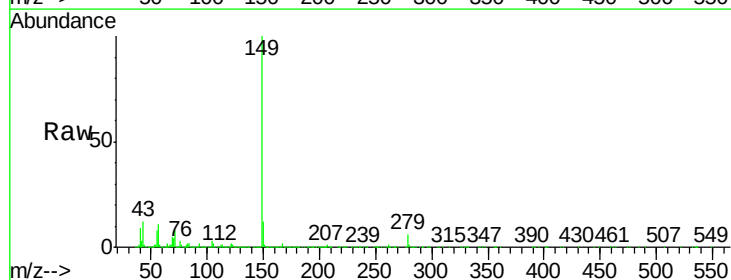
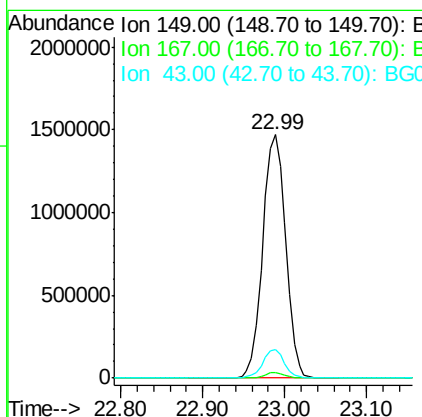
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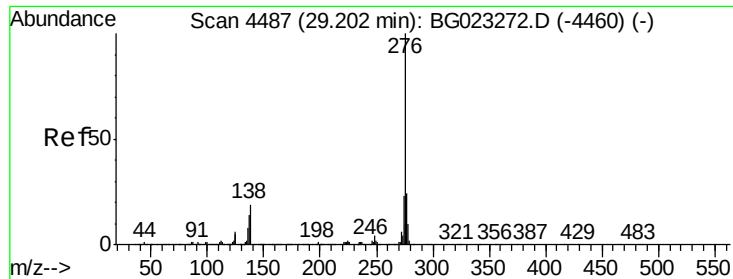
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#84
 Di-n-octyl phthalate
 Concen: 42.00 ng
 RT: 22.99 min Scan# 3430
 Delta R.T. -0.04 min
 Lab File: BG023378.D
 Acq: 31 Jul 2016 21:40

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.5	2.3
43	10.8	8.8	13.2





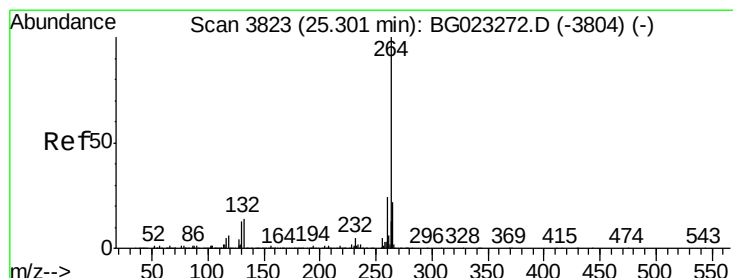
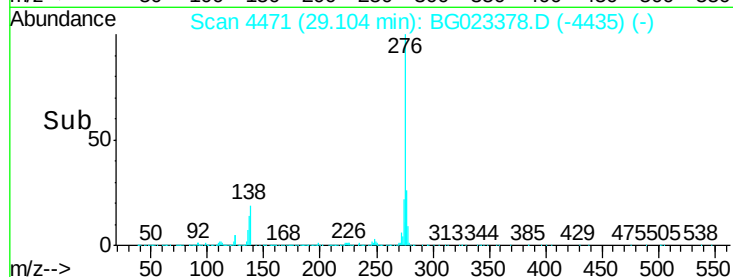
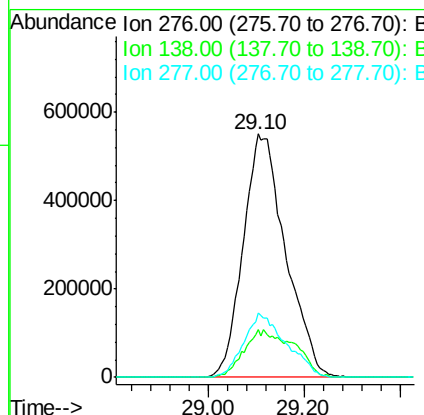
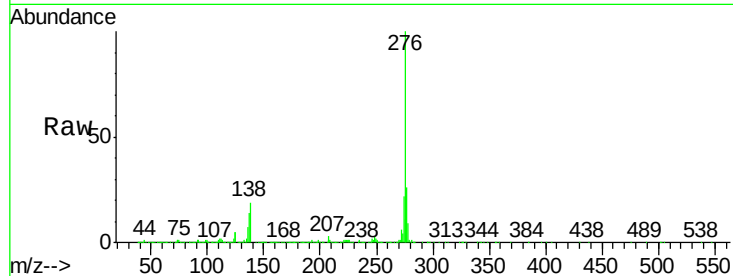
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.92 ng
 RT: 29.10 min Scan# 4471
 Delta R.T. -0.09 min
 Lab File: BG023378.D
 Acq: 31 Jul 2016 21:40

Instrument :
 BNA_G
 ClientSampleId :
 SB-32-16-17MS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.0	0.0	0.0#
277	26.3	0.0	0.0#

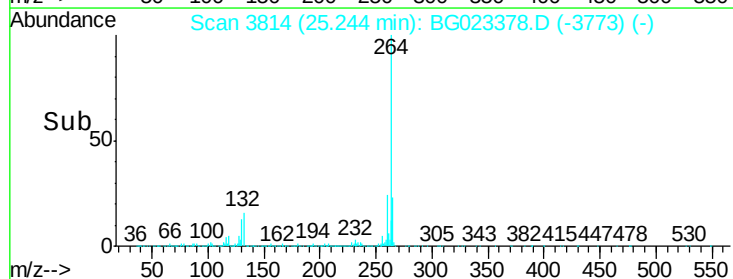
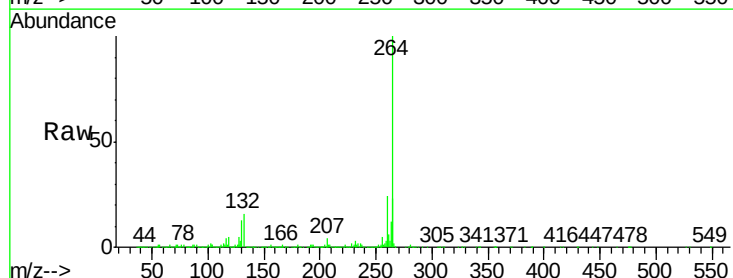
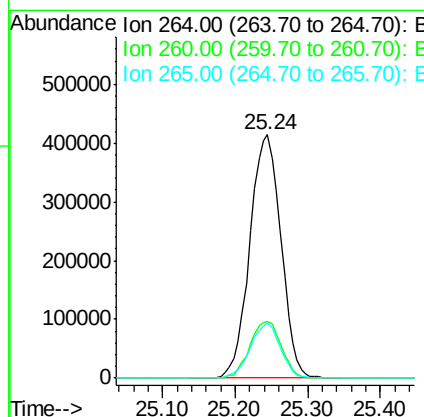
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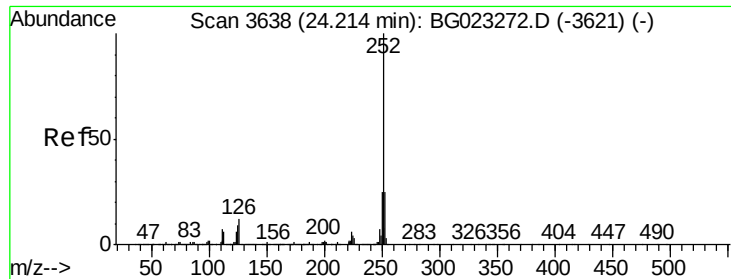
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.24 min Scan# 3814
 Delta R.T. -0.06 min
 Lab File: BG023378.D
 Acq: 31 Jul 2016 21:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.4	27.6
265	22.8	18.9	28.3





#87

Benzo(b)fluoranthene

Concen: 43.08 ng

RT: 24.16 min Scan# 3630

Delta R.T. -0.05 min

Lab File: BG023378.D

Acq: 31 Jul 2016 21:40

Instrument :

BNA_G

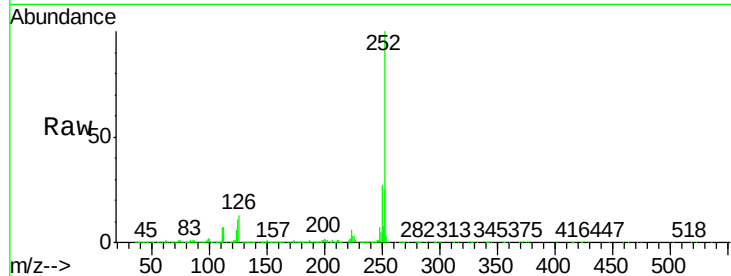
ClientSampleId :

SB-32-16-17MS

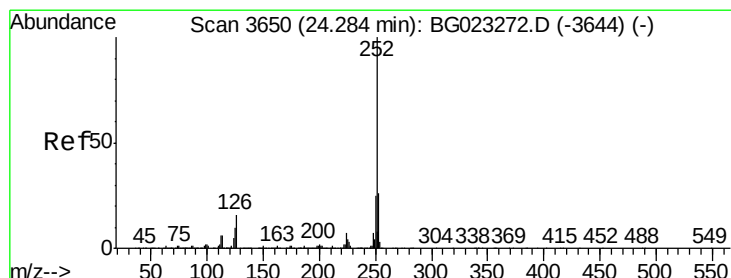
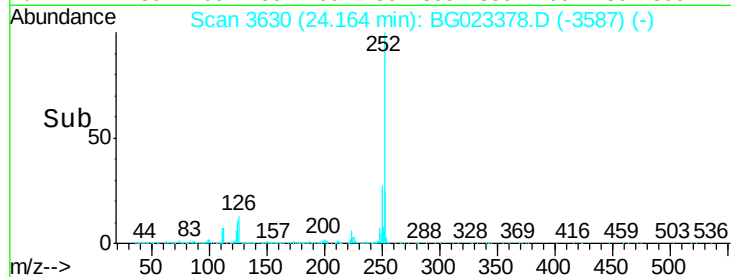
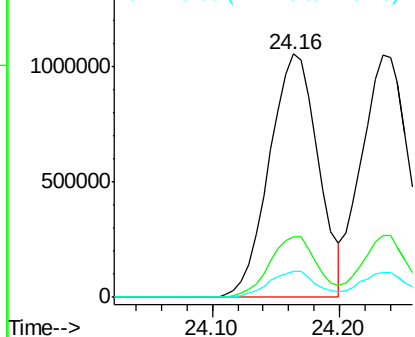
Tgt Ion:	252	Resp:	2827911
Ion Ratio	Lower	Upper	
252	100		
253	24.7	18.9	28.3
125	10.8	3.9	5.9#

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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: 41.33 ng

RT: 24.23 min Scan# 3642

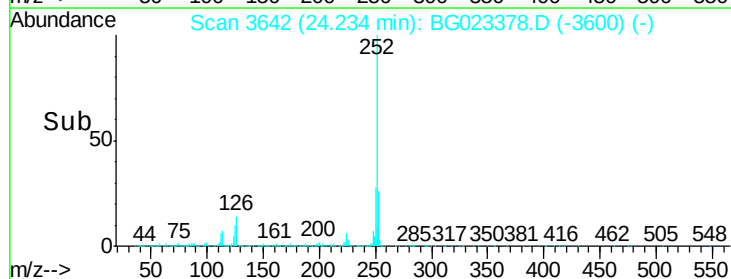
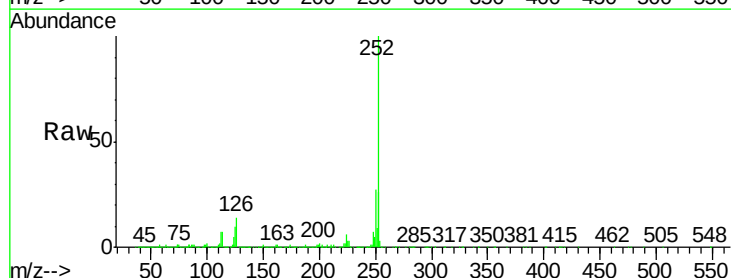
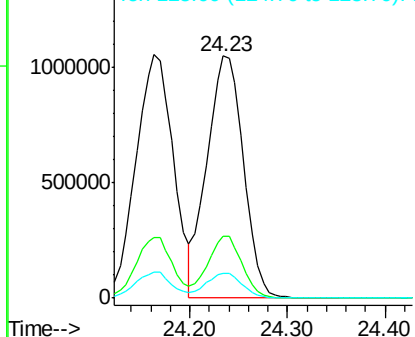
Delta R.T. -0.05 min

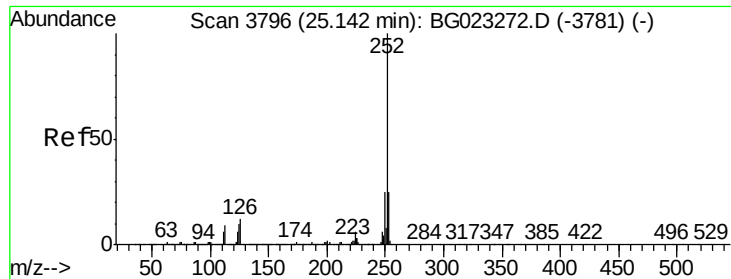
Lab File: BG023378.D

Acq: 31 Jul 2016 21:40

Tgt Ion:	252	Resp:	2712444
Ion Ratio	Lower	Upper	
252	100		
253	25.6	18.8	28.2
125	10.3	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





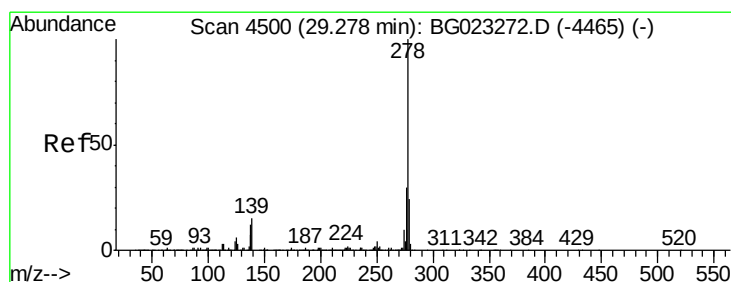
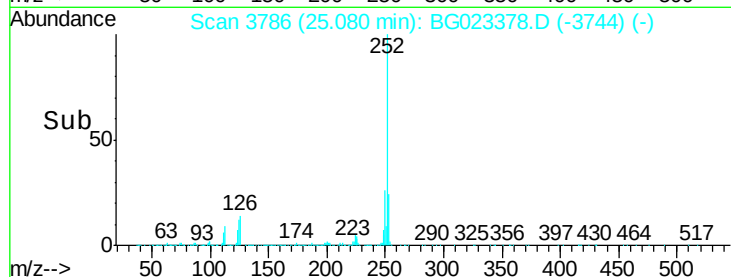
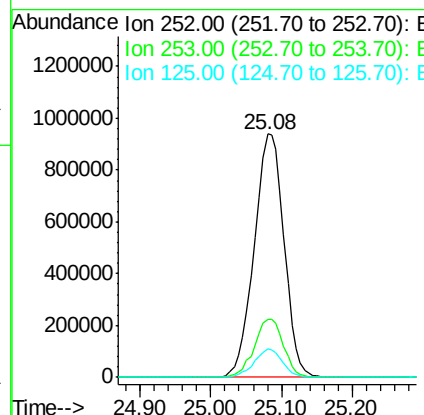
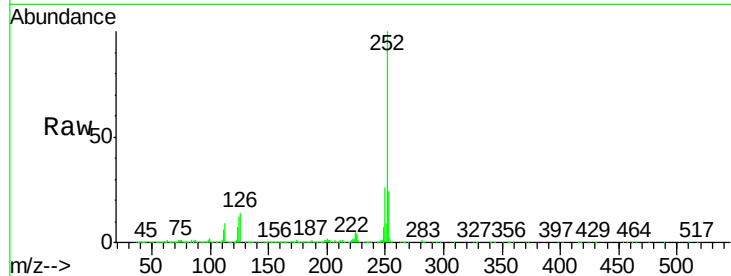
#89
Benzo(a)pyrene
Concen: 43.10 ng
RT: 25.08 min Scan# 3786
Delta R.T. -0.05 min
Lab File: BG023378.D
Acq: 31 Jul 2016 21:40

Instrument :
BNA_G
ClientSampleId :
SB-32-16-17MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.7	28.1
125	11.7	3.9	5.9#

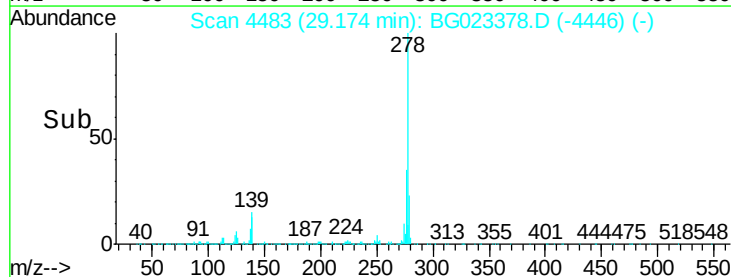
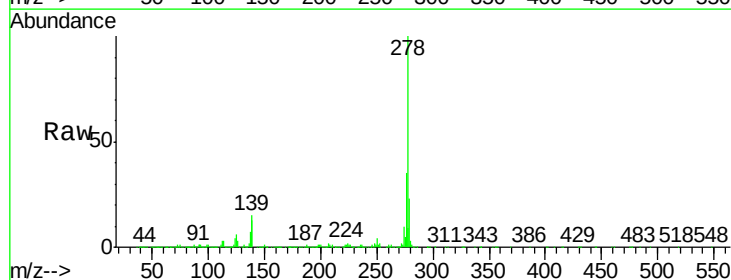
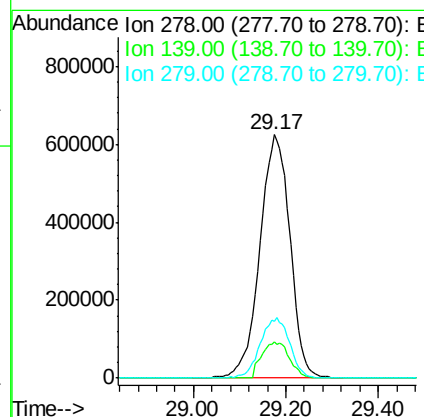
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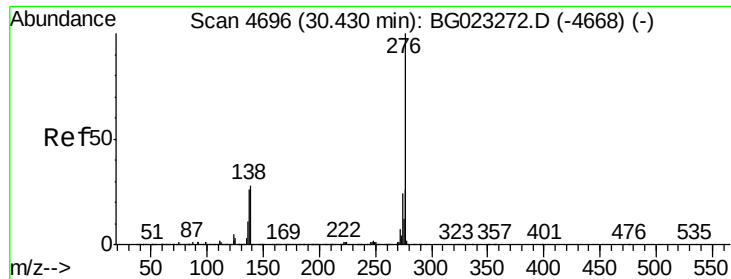
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#90
Dibenzo(a,h)anthracene
Concen: 46.39 ng
RT: 29.17 min Scan# 4483
Delta R.T. -0.08 min
Lab File: BG023378.D
Acq: 31 Jul 2016 21:40

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.0	4.7	7.1#
279	23.3	18.3	27.5





#91
 Benzo(g,h,i)perylene
 Concen: 43.66 ng
 RT: 30.32 min Scan# 4678
 Delta R.T. -0.10 min
 Lab File: BG023378.D
 Acq: 31 Jul 2016 21:40

Instrument :
 BNA_G
 ClientSampleId :
 SB-32-16-17MS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.5	18.6	27.8
138	18.9	6.8	10.2

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