

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073116\
 Data File : BG023368.D
 Acq On : 31 Jul 2016 14:55
 Operator : UM/SJ
 Sample : PB92481BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB92481BS

Manual Integrations
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 8/1/2016 7:12:50 PM

Quant Time: Aug 01 02:26:18 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	175262	20.00	ng	-0.02
21) Naphthalene-d8	10.96	136	851813	20.00	ng	-0.02
38) Acenaphthene-d10	14.79	164	612755	20.00	ng	-0.02
63) Phenanthrene-d10	17.55	188	1454496	20.00	ng	-0.02
75) Chrysene-d12	21.86	240	1269331	20.00	ng	-0.02
86) Perylene-d12	25.24	264	1292200	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.67	112	1313707	127.96	ng	0.00
7) Phenol-d6	7.28	99	1922612	121.98	ng	0.00
23) Nitrobenzene-d5	9.30	82	1241085	71.25	ng	-0.01
41) 2,4,6-Tribromophenol	16.28	330	909947	143.48	ng	-0.02
44) 2-Fluorobiphenyl	13.40	172	2548176	77.83	ng	-0.02
78) Terphenyl-d14	20.15	244	3051524	78.15	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	121660	27.63	ng	# 95
3) Pyridine	3.93	79	405936	26.34	ng	92
4) n-Nitrosodimethylamine	3.84	42	176027	25.28	ng	# 67
6) Aniline	7.44	93	638436	30.33	ng	91
8) 2-Chlorophenol	7.69	128	496444	43.34	ng	96
9) Benzaldehyde	7.25	77	222463	19.65	ng	93
10) Phenol	7.31	94	717288	43.13	ng	# 79
11) bis(2-Chloroethyl)ether	7.54	93	497617	35.20	ng	96
12) 1,3-Dichlorobenzene	8.01	146	459992m	35.64	ng	
13) 1,4-Dichlorobenzene	8.16	146	482658	36.65	ng	97
14) 1,2-Dichlorobenzene	8.48	146	474388	37.34	ng	# 91
15) Benzyl Alcohol	8.36	79	509946	48.07	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	8.66	45	711479	31.63	ng	90
17) 2-Methylphenol	8.57	107	497346	43.75	ng	# 88
18) Hexachloroethane	9.22	117	176685	32.20	ng	94
19) n-Nitroso-di-n-propylamine	8.93	70	484270	34.16	ng	98
20) 3+4-Methylphenols	8.90	107	702831	45.47	ng	89
22) Acetophenone	8.95	105	711246	31.98	ng	# 90
24) Nitrobenzene	9.35	77	680421	33.64	ng	# 85
25) Isophorone	9.86	82	1295674	36.01	ng	# 93
26) 2-Nitrophenol	10.06	139	298596	39.08	ng	# 71
27) 2,4-Dimethylphenol	10.12	122	555618	43.15	ng	85
28) bis(2-Chloroethoxy)methane	10.35	93	780800	38.68	ng	98
29) 2,4-Dichlorophenol	10.60	162	566729	45.46	ng	98
30) 1,2,4-Trichlorobenzene	10.81	180	513752	37.29	ng	100
31) Naphthalene	11.01	128	1506784	38.07	ng	97
32) Benzoic acid	10.25	122	303654	32.18	ng	# 90
33) 4-Chloroaniline	11.12	127	151990	8.31	ng	# 89
34) Hexachlorobutadiene	11.28	225	311976	34.55	ng	95
35) Caprolactam	11.90	113	230472m	43.47	ng	
36) 4-Chloro-3-methylphenol	12.24	107	694311	42.39	ng	# 88
37) 2-Methylnaphthalene	12.61	142	1188523	40.50	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	12.98	216	566052	28.53	ng	100
40) Hexachlorocyclopentadiene	12.95	237	766115	81.50	ng	97

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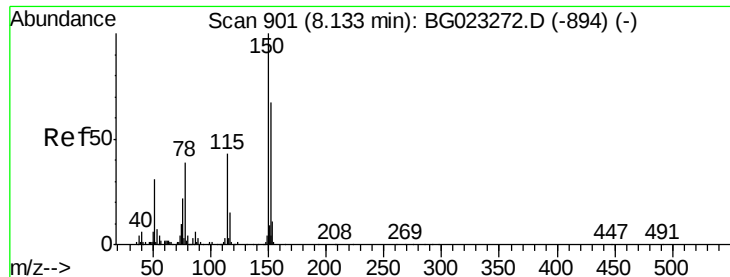
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.22	196	491611	42.19	ng	97
43) 2,4,5-Trichlorophenol	13.29	196	522951	42.31	ng	91
45) 1,1'-Biphenyl	13.62	154	1450012	33.93	ng	94
46) 2-Chloronaphthalene	13.66	162	1258298	36.75	ng	95
47) 2-Nitroaniline	13.87	65	537820	37.13	ng	# 85
48) Acenaphthylene	14.51	152	2015854	38.45	ng	96
49) Dimethylphthalate	14.23	163	1737956	38.43	ng	97
50) 2,6-Dinitrotoluene	14.36	165	413485	39.05	ng	# 77
51) Acenaphthene	14.85	154	1285530	37.80	ng	97
52) 3-Nitroaniline	14.70	138	257261	24.12	ng	# 66
53) 2,4-Dinitrophenol	14.90	184	545713	88.02	ng	86
54) Dibenzofuran	15.19	168	2012051	41.81	ng	98
55) 4-Nitrophenol	15.01	139	706364	76.35	ng	# 70
56) 2,4-Dinitrotoluene	15.15	165	597351	40.06	ng	89
57) Fluorene	15.84	166	1654949	38.95	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.41	232	509780	48.72	ng	94
59) Diethylphthalate	15.60	149	1786881	38.58	ng	94
60) 4-Chlorophenyl-phenylether	15.83	204	873594	37.98	ng	97
61) 4-Nitroaniline	15.87	138	448869	40.14	ng	# 60
62) Azobenzene	16.12	77	1916163	39.90	ng	89
64) 4,6-Dinitro-2-methylphenol	15.92	198	375813	40.23	ng	95
65) n-Nitrosodiphenylamine	16.04	169	1561099	40.20	ng	# 92
66) 4-Bromophenyl-phenylether	16.72	248	627430	42.66	ng	96
67) Hexachlorobenzene	16.85	284	645130	43.63	ng	95
68) Atrazine	16.99	200	613781	41.21	ng	95
69) Pentachlorophenol	17.19	266	781792	85.66	ng	99
70) Phenanthrene	17.59	178	2556250m	40.18	ng	
71) Anthracene	17.68	178	2610804	40.62	ng	# 92
72) Carbazole	17.96	167	2422386	41.14	ng	95
73) Di-n-butylphthalate	18.50	149	2699042	41.09	ng	# 96
74) Fluoranthene	19.60	202	2780923	38.30	ng	90
76) Benzidine	19.78	184	1430619	40.07	ng	99
77) Pyrene	19.97	202	2724048	37.82	ng	# 92
79) Butylbenzylphthalate	20.84	149	1209656	38.17	ng	96
80) Benzo(a)anthracene	21.84	228	2539661	38.22	ng	97
81) 3,3'-Dichlorobenzidine	21.75	252	646643	24.00	ng	# 93
82) Chrysene	21.91	228	2377404	37.03	ng	93
83) Bis(2-ethylhexyl)phthalate	21.72	149	1649354	37.20	ng	97
84) Di-n-octyl phthalate	22.99	149	2744731	37.84	ng	100
85) Indeno(1,2,3-cd)pyrene	29.12	276	3227248	43.09	ng	# 100
87) Benzo(b)fluoranthene	24.17	252	2747138	40.02	ng	# 95
88) Benzo(k)fluoranthene	24.24	252	2591244	37.76	ng	# 93
89) Benzo(a)pyrene	25.09	252	2645684	39.33	ng	# 95
90) Dibenzo(a,h)anthracene	29.18	278	2657222	41.76	ng	# 89
91) Benzo(g,h,i)perylene	30.32	276	2672321	39.89	ng	# 89

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 900

Delta R.T. -0.02 min

Lab File: BG023368.D

Acq: 31 Jul 2016 14:55

Instrument :

BNA_G

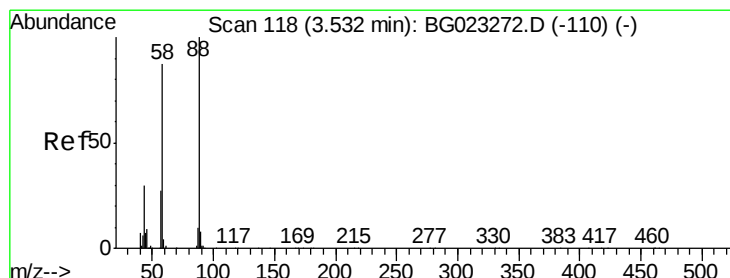
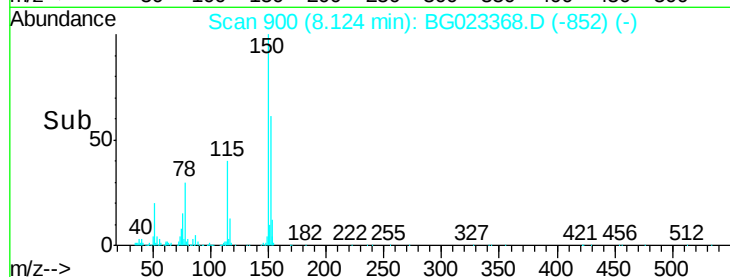
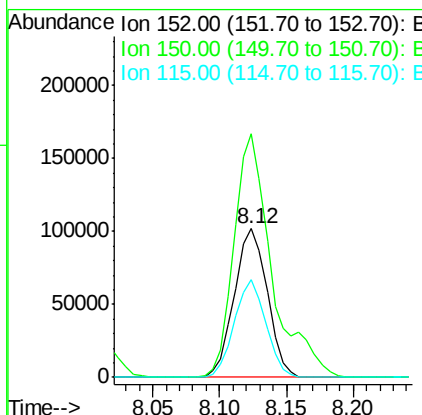
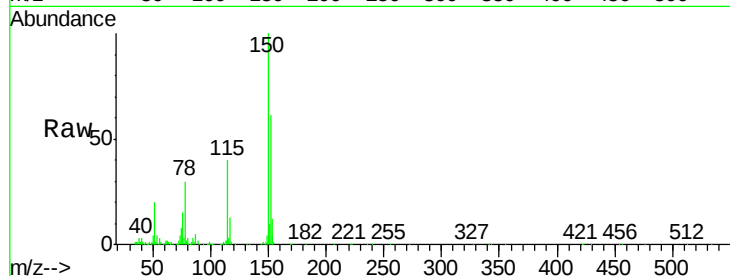
ClientSampleId :

PB92481BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	163.6	144.7	217.1
115	65.6	64.0	96.0

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#2

1,4-Dioxane

Concen: 27.63 ng

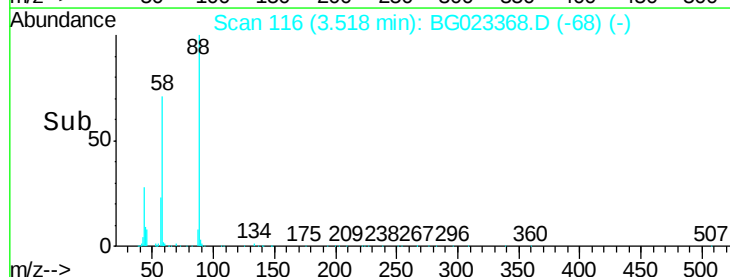
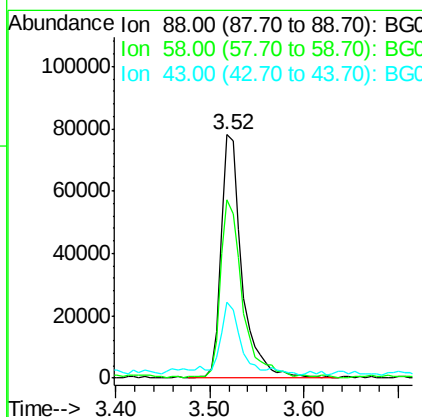
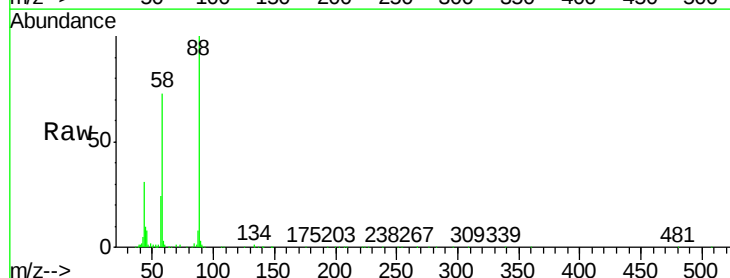
RT: 3.52 min Scan# 116

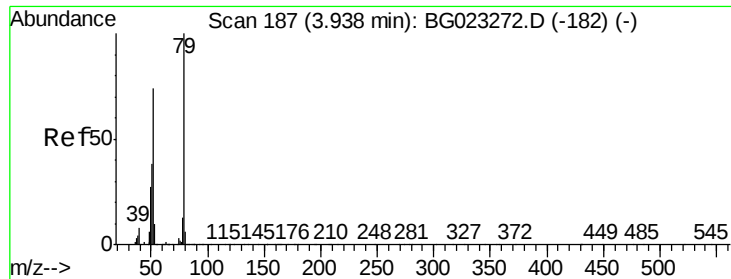
Delta R.T. -0.02 min

Lab File: BG023368.D

Acq: 31 Jul 2016 14:55

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.1	60.4	90.6
43	30.7	31.1	46.7





#3

Pyridine

Concen: 26.34 ng

RT: 3.93 min Scan# 186

Delta R.T. -0.03 min

Lab File: BG023368.D

Acq: 31 Jul 2016 14:55

Instrument :

BNA_G

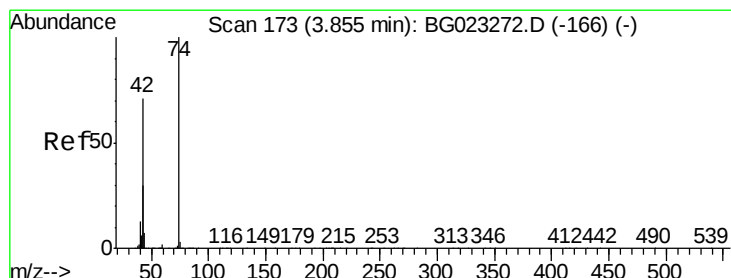
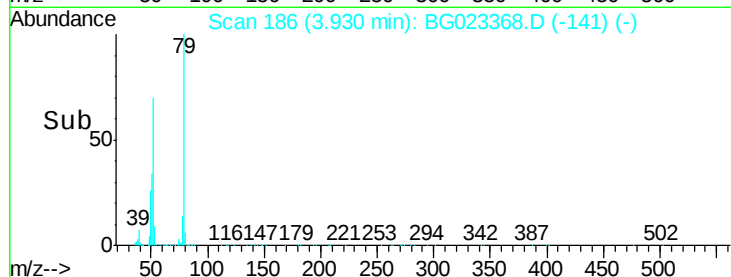
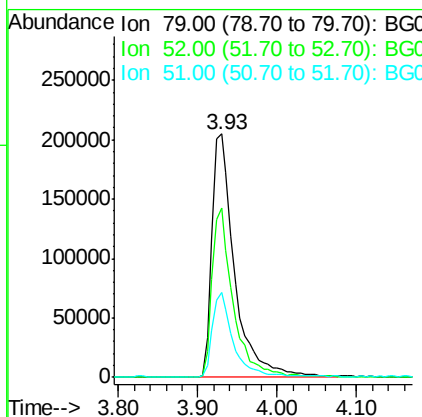
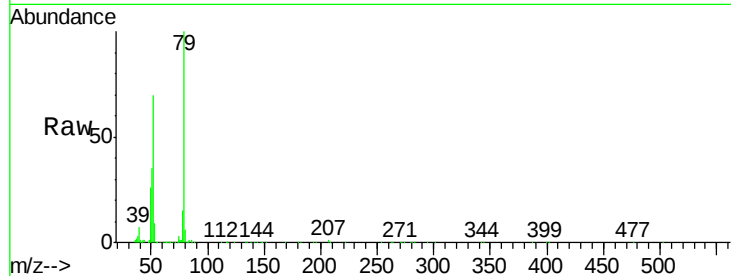
ClientSampled :

PB92481BS

Tgt Ion:	79	Resp:	405936
Ion Ratio	Lower	Upper	
79	100		
52	69.6	51.8	77.8
51	34.6	32.7	49.1

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#4

n-Nitrosodimethylamine

Concen: 25.28 ng

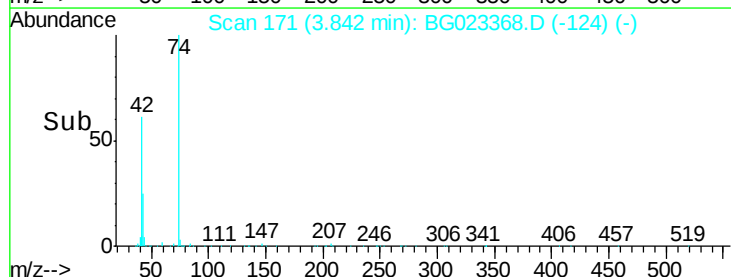
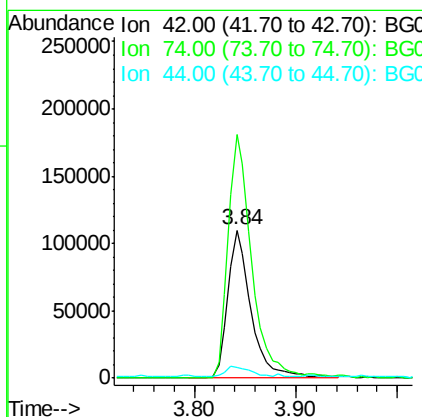
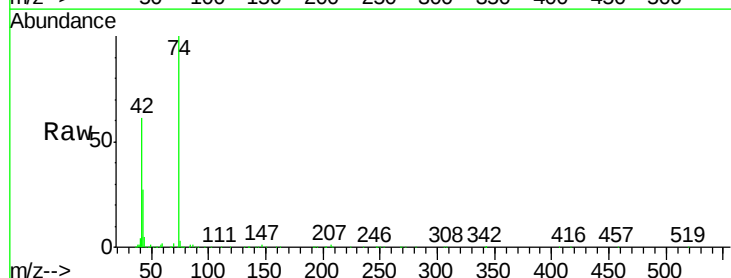
RT: 3.84 min Scan# 171

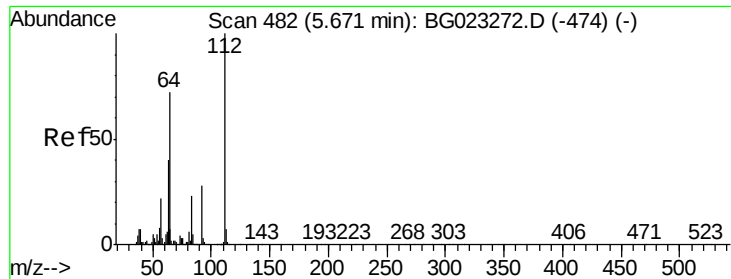
Delta R.T. -0.02 min

Lab File: BG023368.D

Acq: 31 Jul 2016 14:55

Tgt Ion:	42	Resp:	176027
Ion Ratio	Lower	Upper	
42	100		
74	164.4	100.6	150.8#
44	7.5	4.5	6.7#





#5

2-Fluorophenol

Concen: 127.96 ng

RT: 5.67 min Scan# 482

Delta R.T. -0.00 min

Lab File: BG023368.D

Acq: 31 Jul 2016 14:55

Instrument :

BNA_G

ClientSampleId :

PB92481BS

Tgt Ion: 112 Resp: 1313707

Ion Ratio Lower Upper

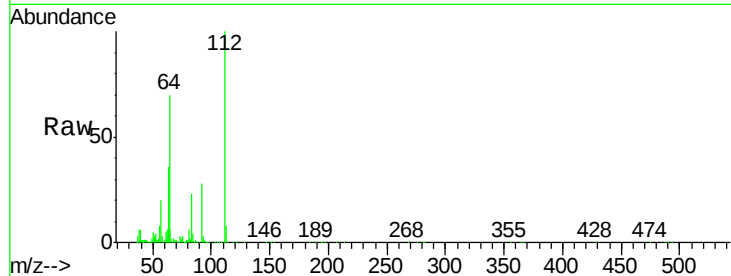
112 100

64 69.7 59.0 88.4

63 35.9 37.8 56.8#

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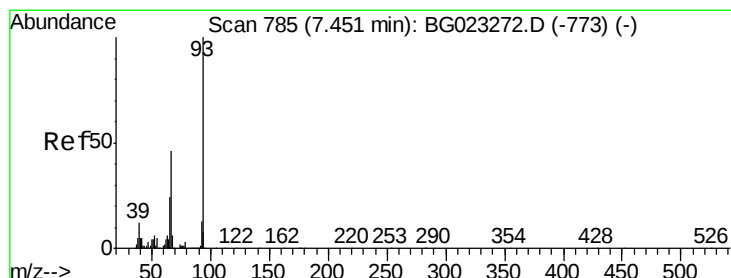
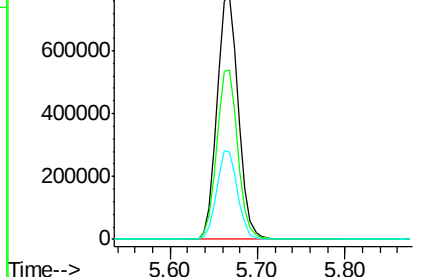
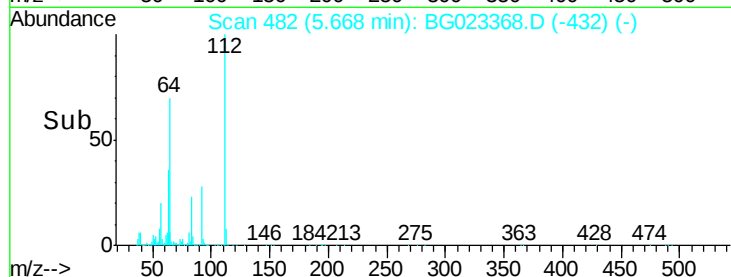
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 30.33 ng

RT: 7.44 min Scan# 784

Delta R.T. -0.01 min

Lab File: BG023368.D

Acq: 31 Jul 2016 14:55

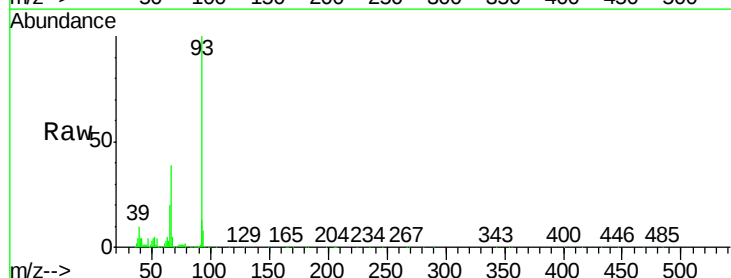
Tgt Ion: 93 Resp: 638436

Ion Ratio Lower Upper

93 100

66 39.1 37.5 56.3

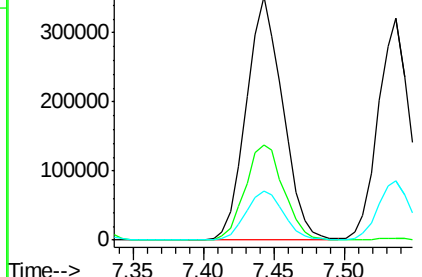
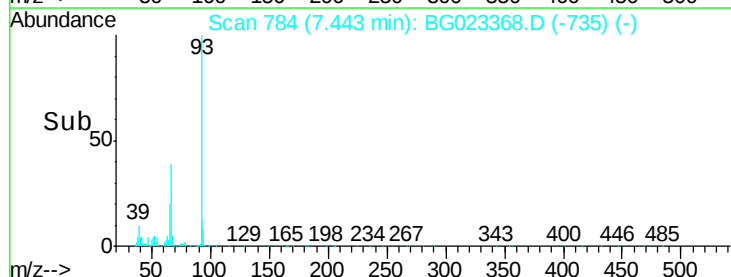
65 20.1 17.9 26.9

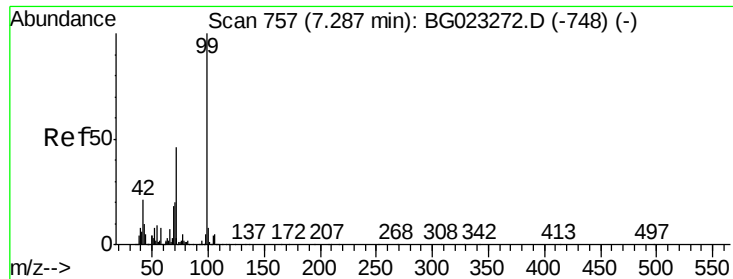


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 121.98 ng

RT: 7.28 min Scan# 757

Delta R.T. -0.00 min

Lab File: BG023368.D

Acq: 31 Jul 2016 14:55

Instrument :

BNA_G

ClientSampled :

PB92481BS

Tgt Ion: 99 Resp: 1922612

Ion Ratio Lower Upper

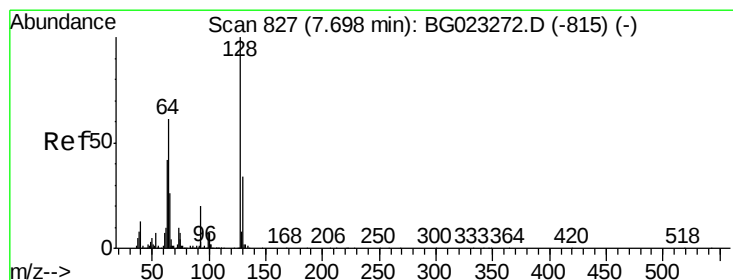
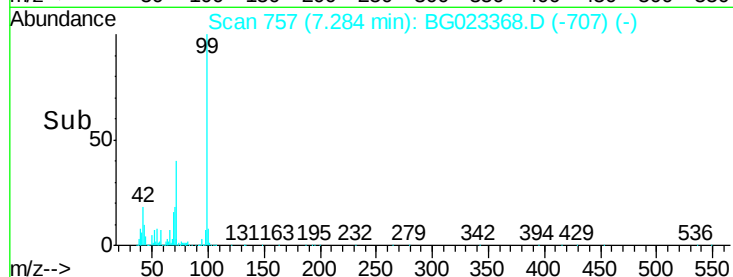
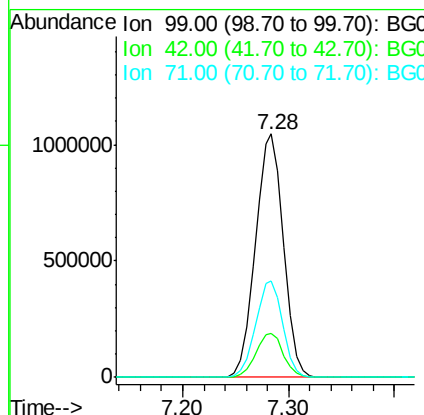
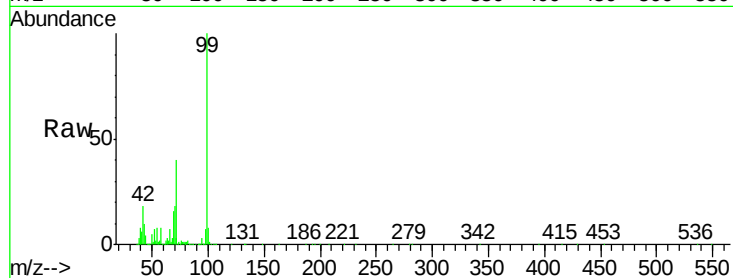
99 100

42 17.8 17.8 26.6

71 39.5 41.5 62.3#

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#8

2-Chlorophenol

Concen: 43.34 ng

RT: 7.69 min Scan# 826

Delta R.T. -0.01 min

Lab File: BG023368.D

Acq: 31 Jul 2016 14:55

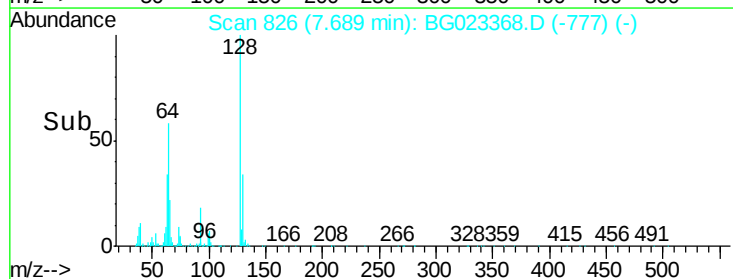
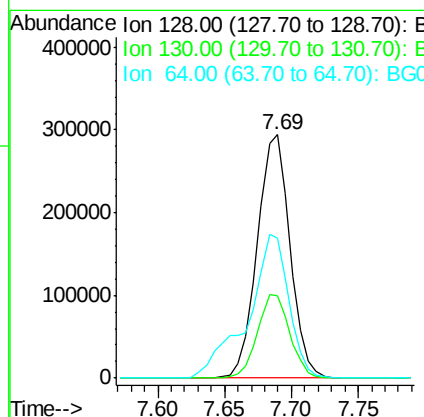
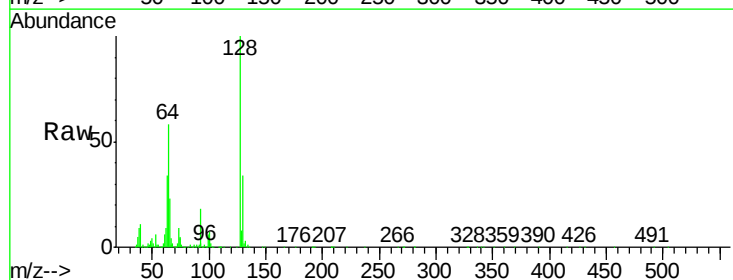
Tgt Ion: 128 Resp: 496444

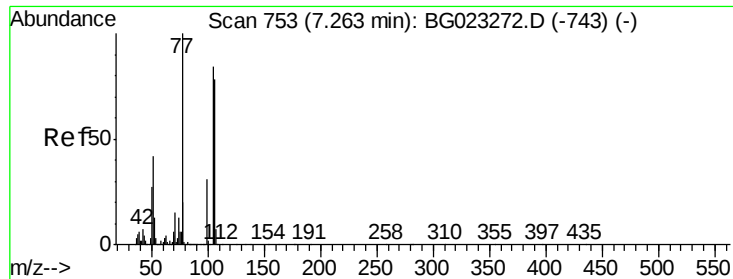
Ion Ratio Lower Upper

128 100

130 33.7 12.9 52.9

64 57.6 42.0 82.0





#9

Benzaldehyde

Concen: 19.65 ng

RT: 7.25 min Scan# 752

Delta R.T. -0.02 min

Lab File: BG023368.D

Acq: 31 Jul 2016 14:55

Instrument :

BNA_G

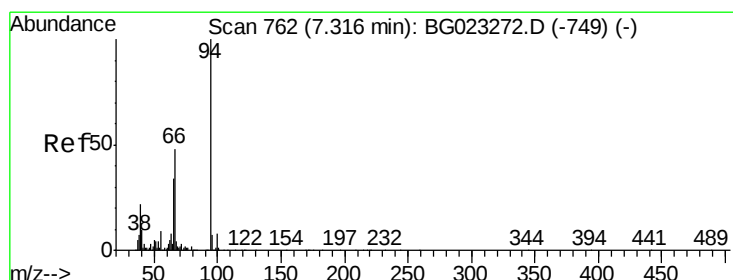
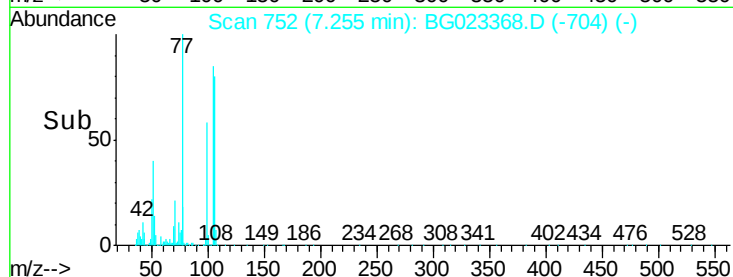
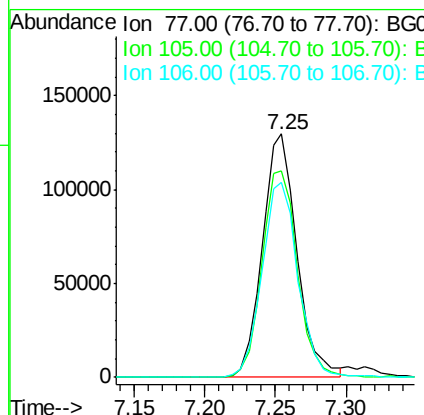
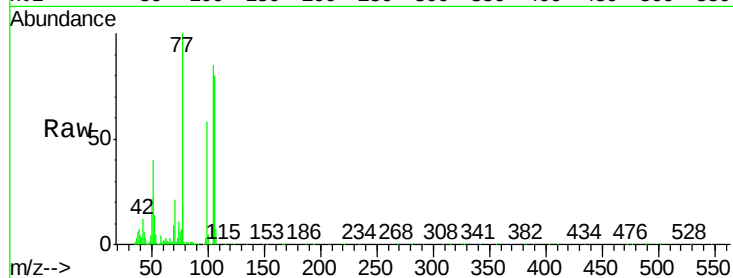
ClientSampleId :

PB92481BS

Tgt Ion	Ratio	Lower	Upper
77	100		
105	84.7	58.7	98.7
106	80.1	67.5	107.5

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#10

Phenol

Concen: 43.13 ng

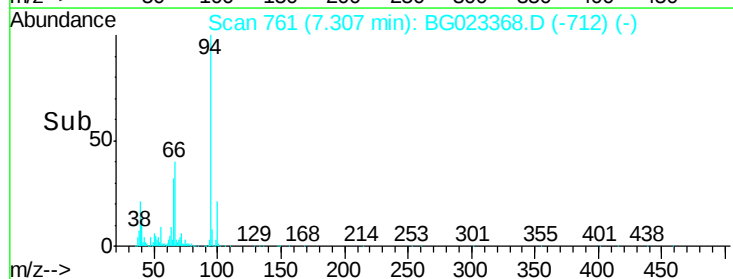
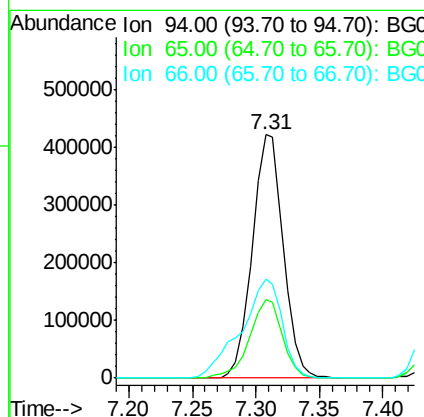
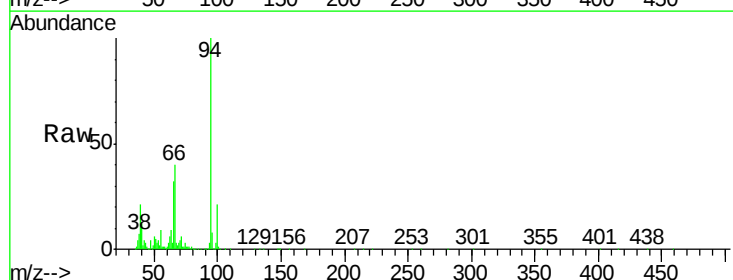
RT: 7.31 min Scan# 761

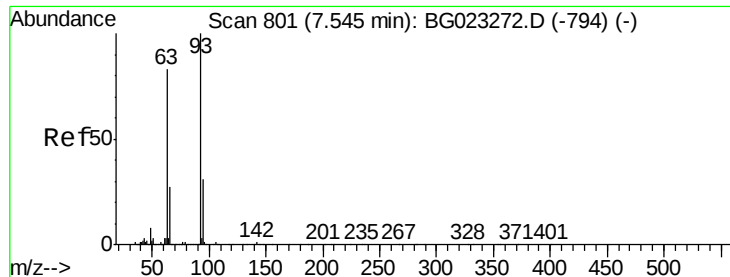
Delta R.T. -0.01 min

Lab File: BG023368.D

Acq: 31 Jul 2016 14:55

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.0	18.1	58.1
66	40.5	42.1	82.1





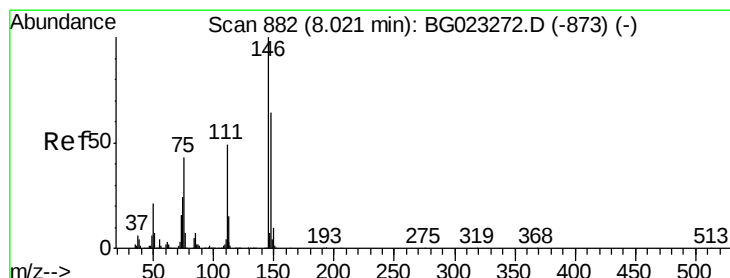
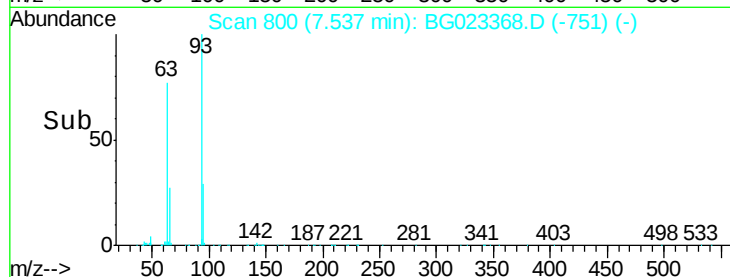
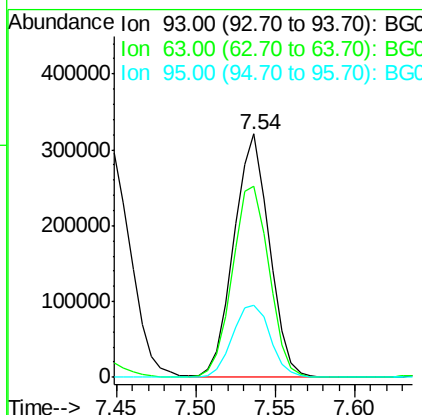
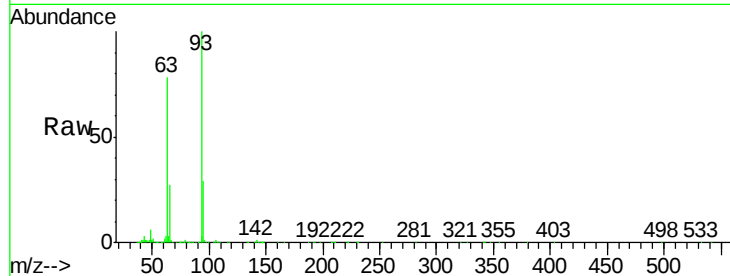
#11
bis(2-Chloroethyl)ether
Concen: 35.20 ng
RT: 7.54 min Scan# 800
Delta R.T. -0.01 min
Lab File: BG023368.D
Acq: 31 Jul 2016 14:55

Instrument :
BNA_G
ClientSampleId :
PB92481BS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	78.5	55.0	95.0
95	29.5	11.0	51.0

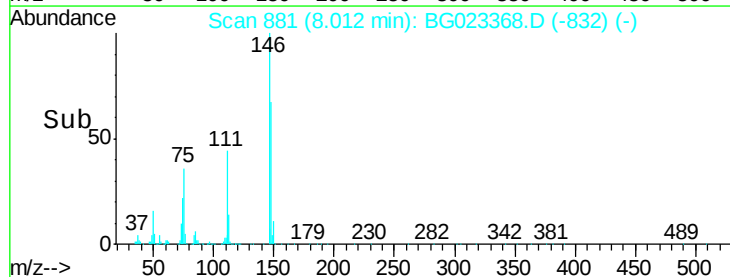
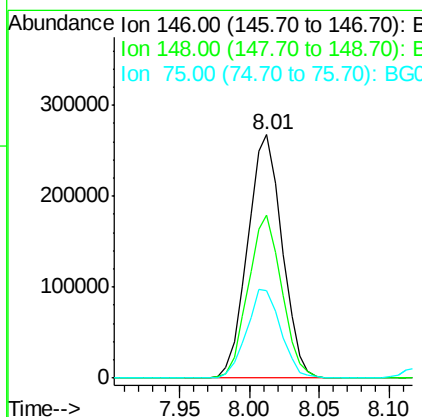
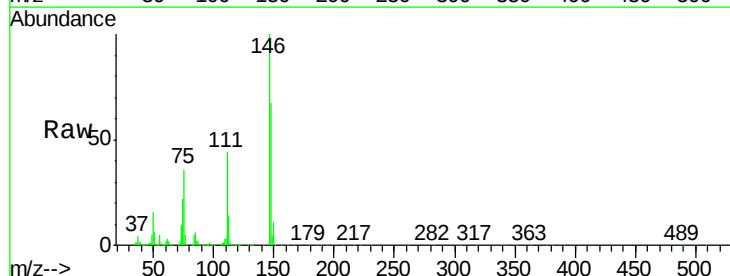
Manual Integrations
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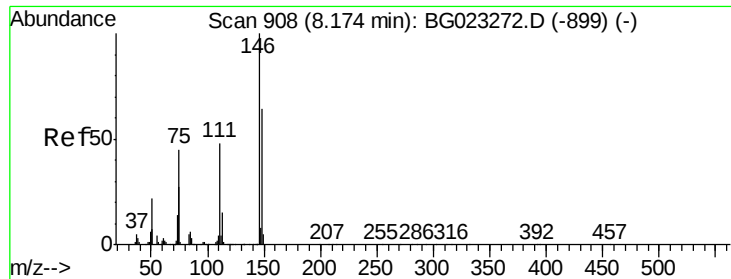
sohil
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#12
1,3-Dichlorobenzene
Concen: 35.64 ng m
RT: 8.01 min Scan# 881
Delta R.T. -0.01 min
Lab File: BG023368.D
Acq: 31 Jul 2016 14:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.0	50.3	75.5
75	36.0	37.0	55.6#





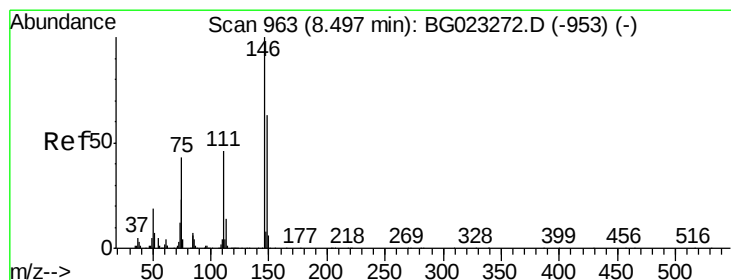
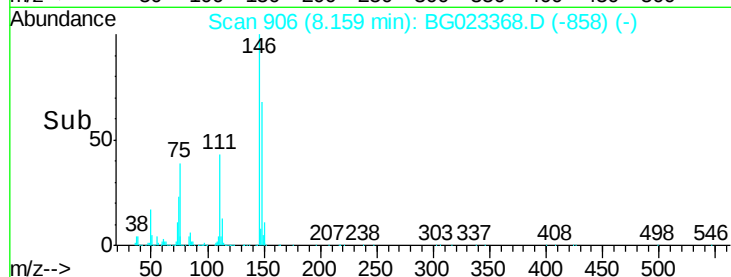
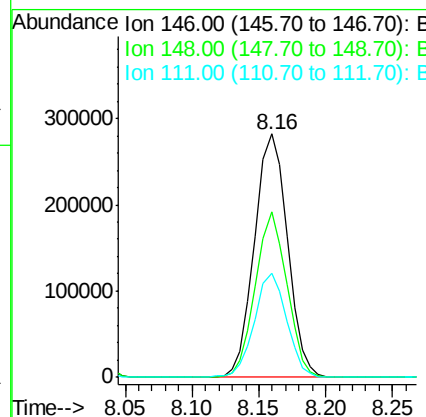
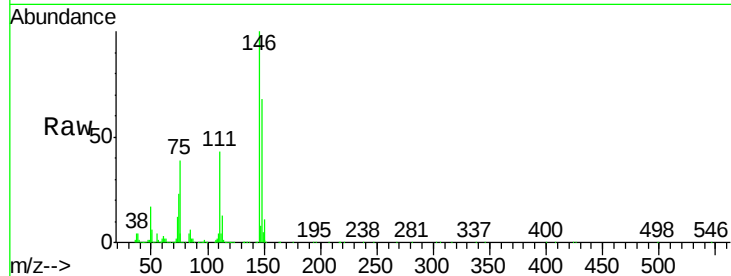
#13
 1,4-Dichlorobenzene
 Concen: 36.65 ng
 RT: 8.16 min Scan# 906
 Delta R.T. -0.02 min
 Lab File: BG023368.D
 Acq: 31 Jul 2016 14:55

Instrument :
 BNA_G
 ClientSampleId :
 PB92481BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.2	54.5	81.7
111	42.8	37.8	56.8

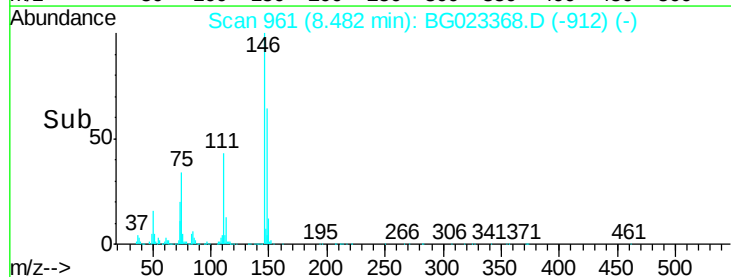
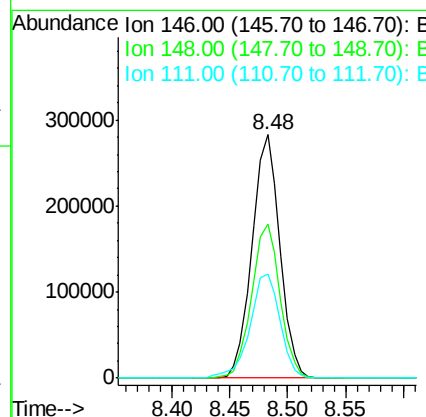
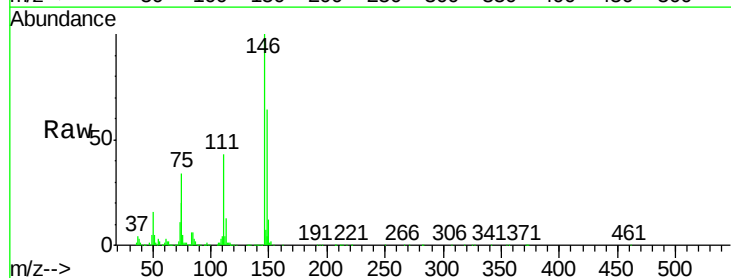
Manual Integrations
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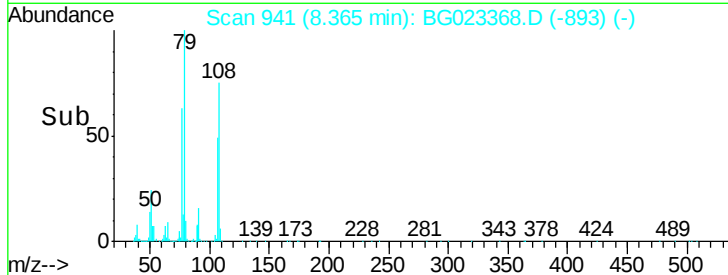
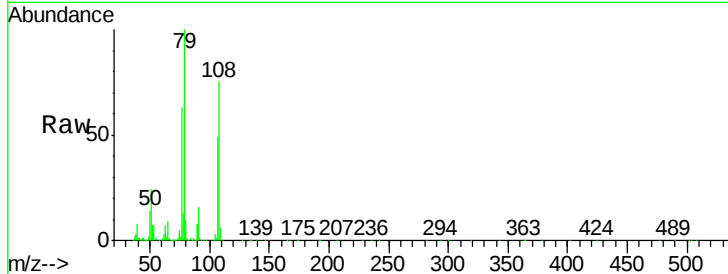
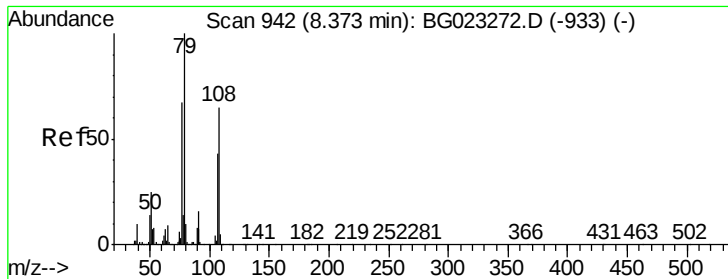
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#14
 1,2-Dichlorobenzene
 Concen: 37.34 ng
 RT: 8.48 min Scan# 961
 Delta R.T. -0.01 min
 Lab File: BG023368.D
 Acq: 31 Jul 2016 14:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	52.9	79.3
111	42.8	43.5	65.3#





#15

Benzyl Alcohol

Concen: 48.07 ng

RT: 8.36 min Scan# 941

Delta R.T. -0.02 min

Lab File: BG023368.D

Acq: 31 Jul 2016 14:55

Tgt Ion:	79	Resp:	509946
Ion Ratio	Lower	Upper	
79	100		
108	74.5	46.5	69.7#
77	63.1	52.3	78.5

Instrument :

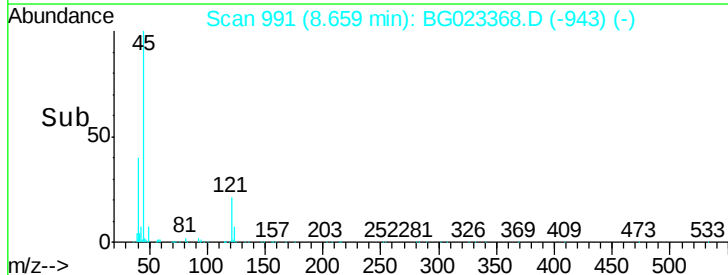
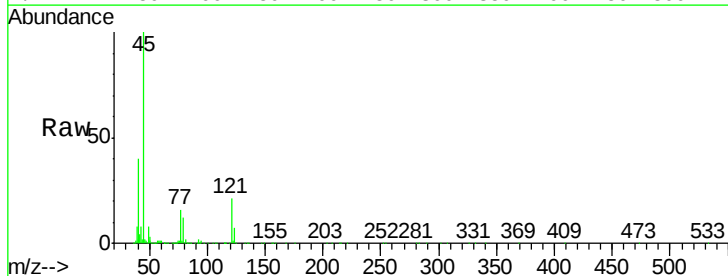
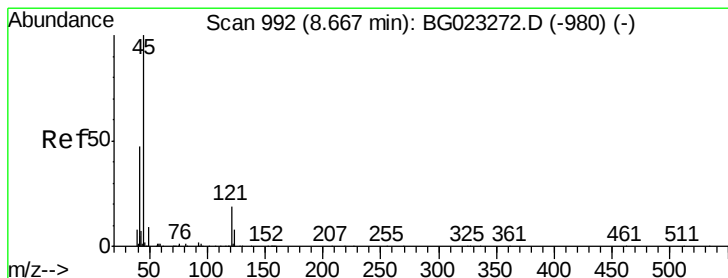
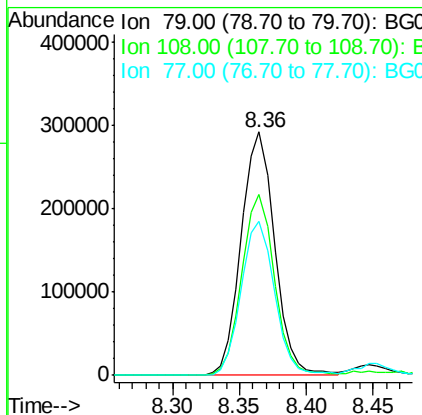
BNA_G

ClientSampleId :

PB92481BS

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.63 ng

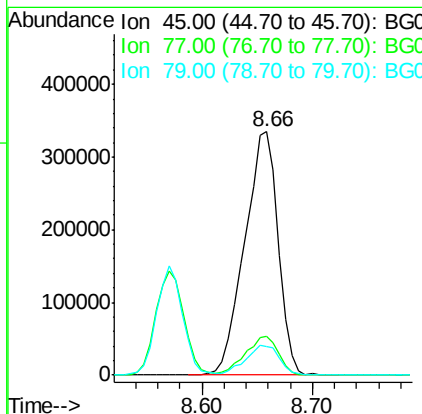
RT: 8.66 min Scan# 991

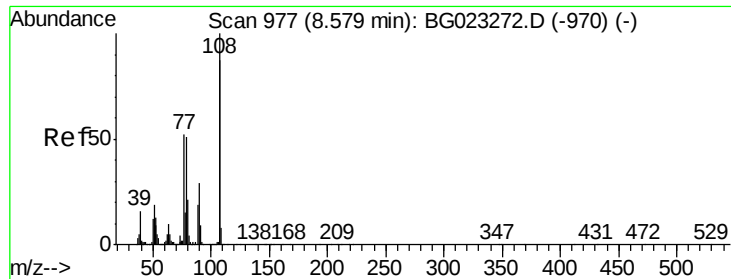
Delta R.T. -0.02 min

Lab File: BG023368.D

Acq: 31 Jul 2016 14:55

Tgt Ion:	45	Resp:	711479
Ion Ratio	Lower	Upper	
45	100		
77	16.0	0.6	40.6
79	12.0	0.0	36.2





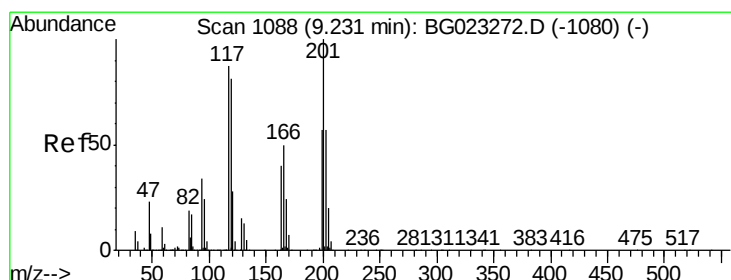
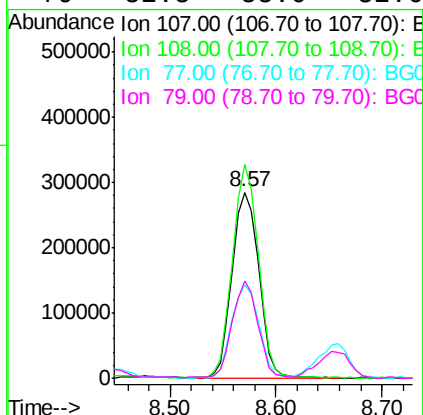
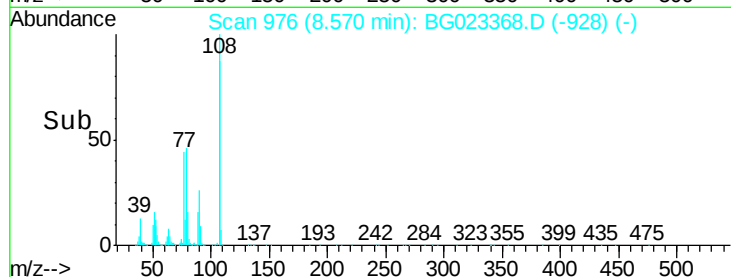
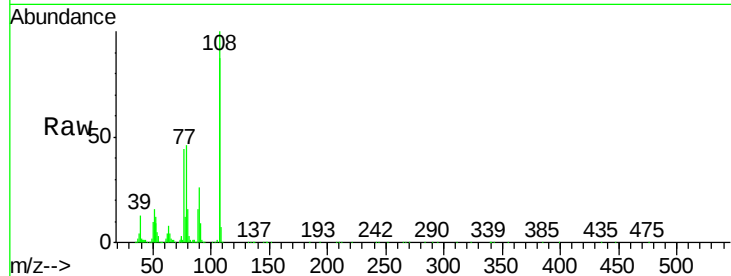
#17
2-Methylphenol
Concen: 43.75 ng
RT: 8.57 min Scan# 976
Delta R.T. -0.02 min
Lab File: BG023368.D
Acq: 31 Jul 2016 14:55

Instrument :
BNA_G
ClientSampleId :
PB92481BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.7	92.0	138.0	
77	50.4	55.8	83.6	
79	52.5	55.0	82.6	

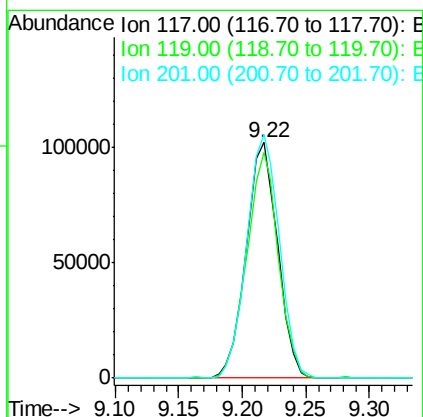
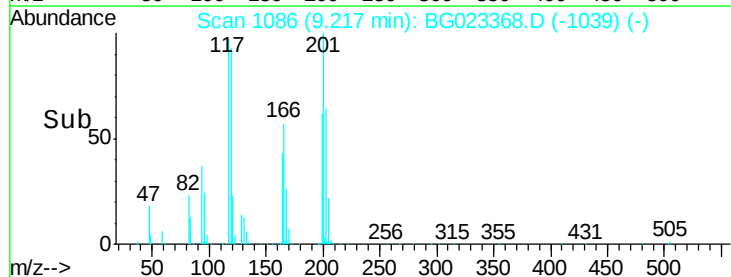
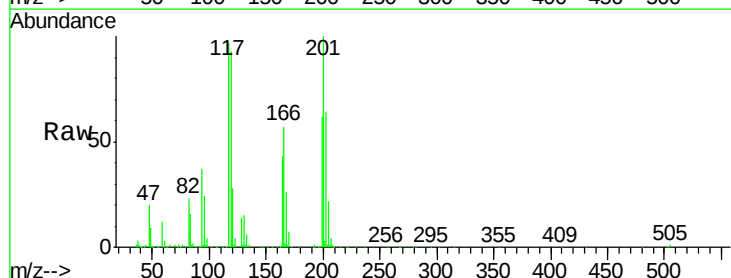
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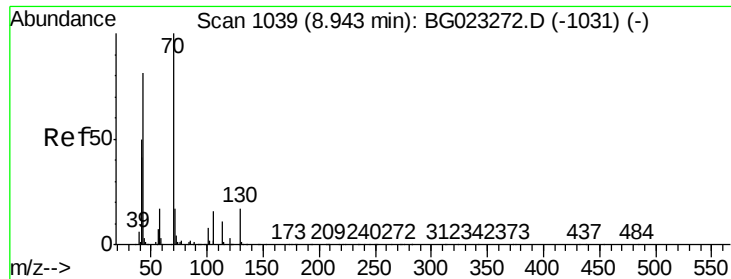
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#18
Hexachloroethane
Concen: 32.20 ng
RT: 9.22 min Scan# 1086
Delta R.T. -0.02 min
Lab File: BG023368.D
Acq: 31 Jul 2016 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.9	73.7	110.5	
201	103.4	88.7	133.1	





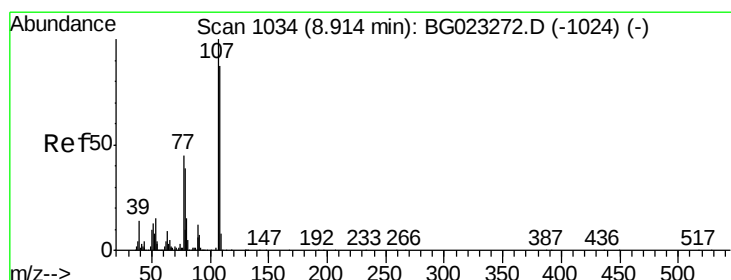
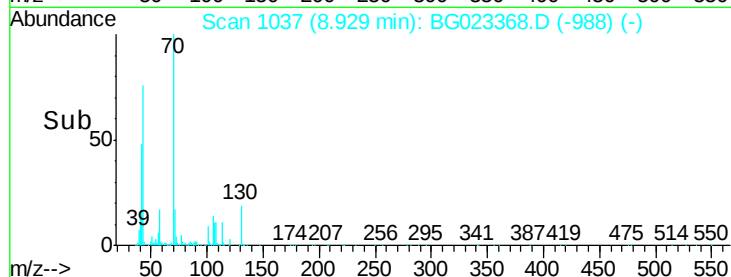
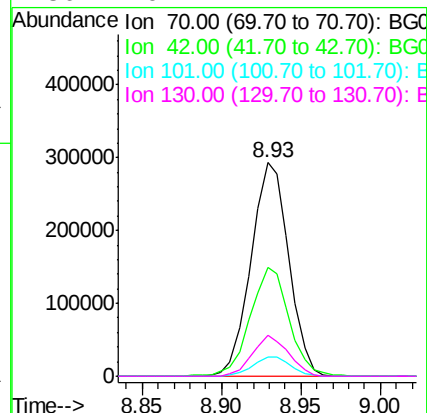
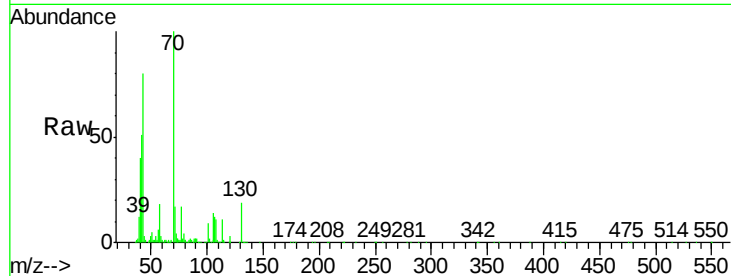
#19
n-Nitroso-di-n-propylamine
Concen: 34.16 ng
RT: 8.93 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BG023368.D
Acq: 31 Jul 2016 14:55

Instrument :
BNA_G
ClientSampleId :
PB92481BS

Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	51.2	42.1	63.1	
101	9.0	7.2	10.8	
130	19.2	14.2	21.2	

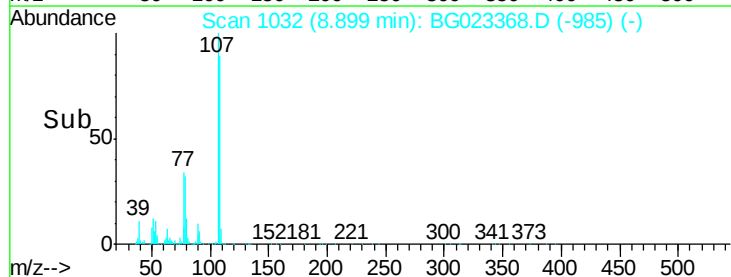
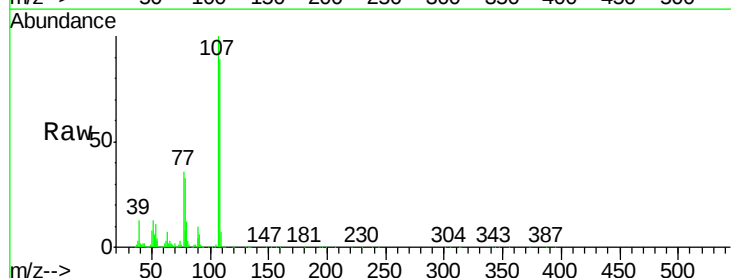
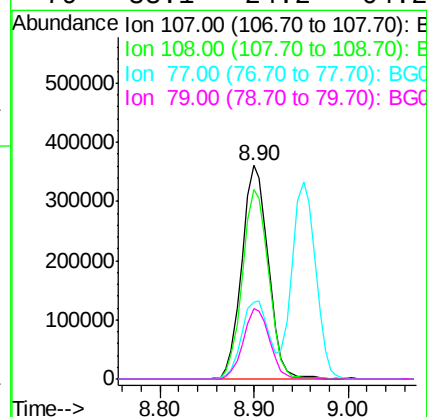
Manual Integrations
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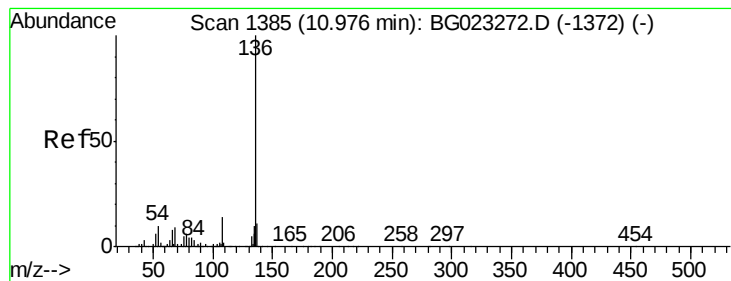
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#20
3+4-Methylphenols
Concen: 45.47 ng
RT: 8.90 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BG023368.D
Acq: 31 Jul 2016 14:55

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.9	72.5	112.5	
77	36.2	30.1	70.1	
79	33.1	24.2	64.2	





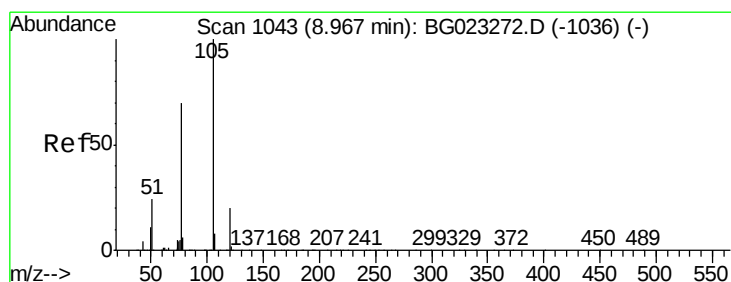
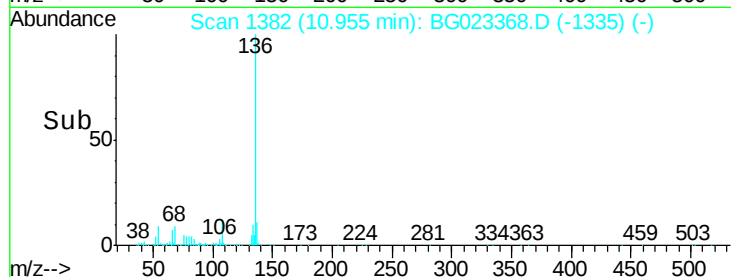
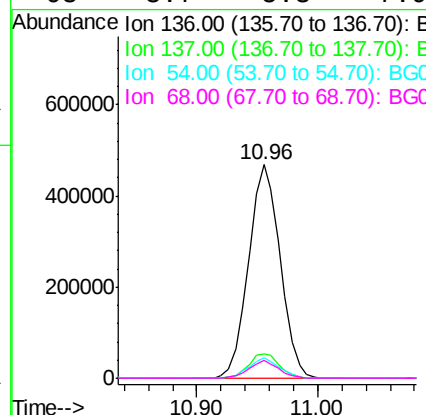
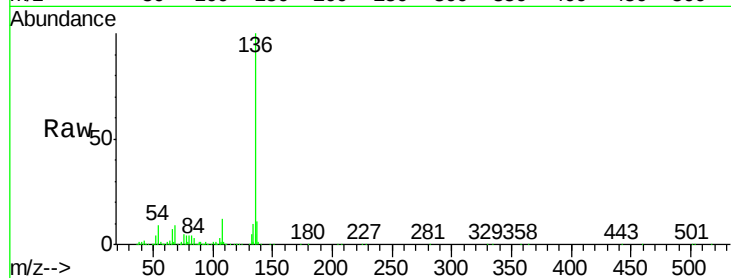
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.96 min Scan# 1382
Delta R.T. -0.02 min
Lab File: BG023368.D
Acq: 31 Jul 2016 14:55

Instrument :
BNA_G
ClientSampleId :
PB92481BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	851813		
137	11.4	9.6	14.4	
54	9.5	7.3	10.9	
68	8.7	5.3	7.9#	

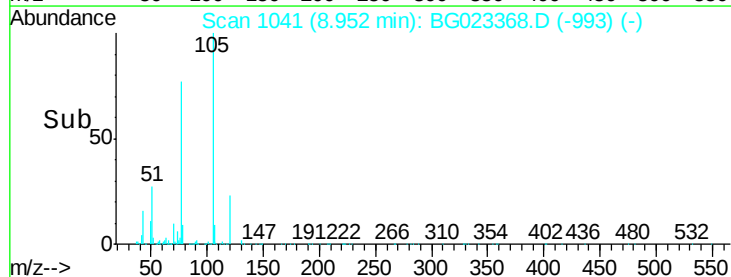
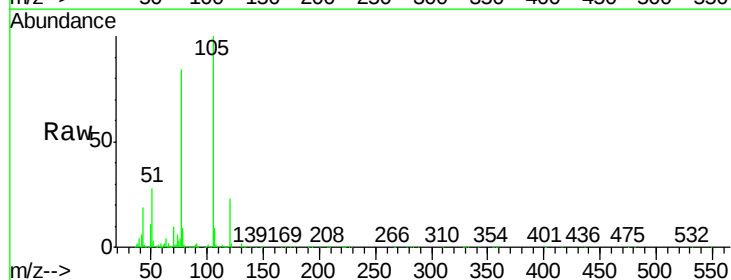
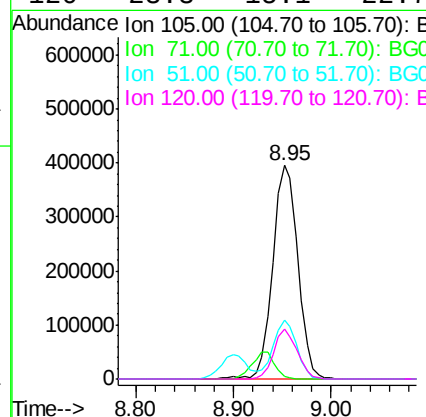
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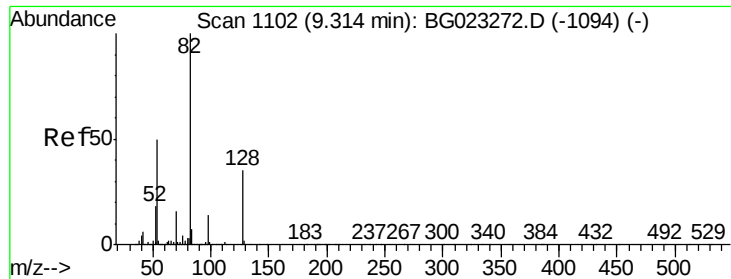
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#22
Acetophenone
Concen: 31.98 ng
RT: 8.95 min Scan# 1041
Delta R.T. -0.02 min
Lab File: BG023368.D
Acq: 31 Jul 2016 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	711246		
71	1.4	2.6	3.8#	
51	27.9	27.1	40.7	
120	23.3	15.1	22.7#	





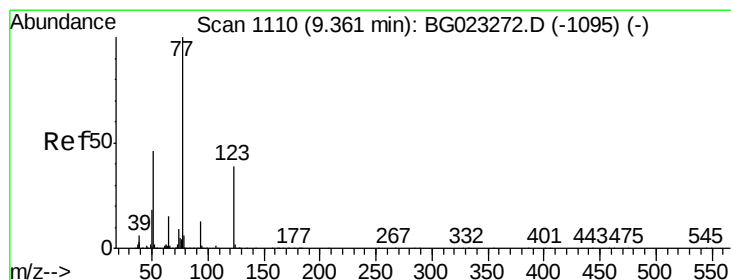
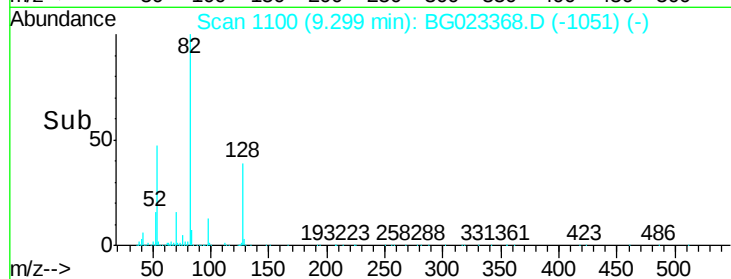
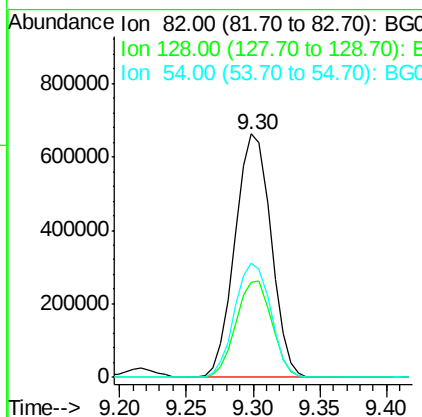
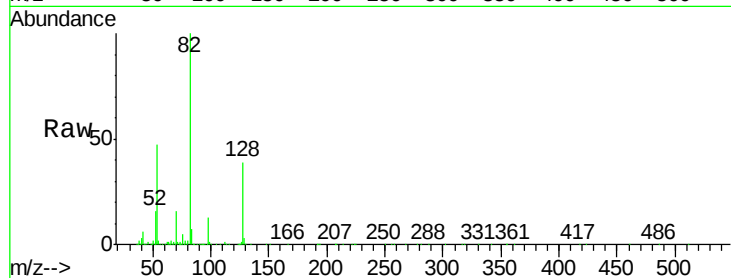
#23
 Nitrobenzene-d5
 Concen: 71.25 ng
 RT: 9.30 min Scan# 1100
 Delta R.T. -0.01 min
 Lab File: BG023368.D
 Acq: 31 Jul 2016 14:55

Instrument :
 BNA_G
 ClientSampleId :
 PB92481BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.3	24.4	36.6#
54	46.8	41.4	62.0

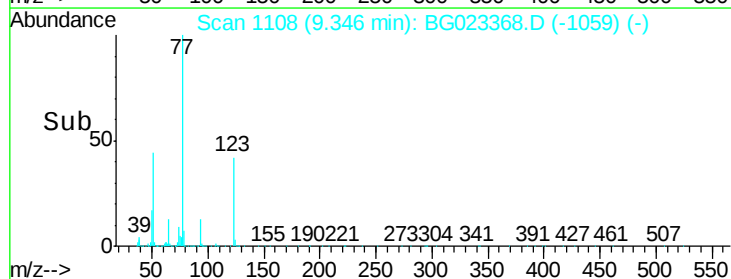
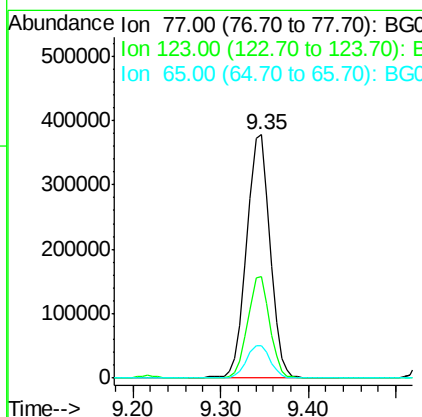
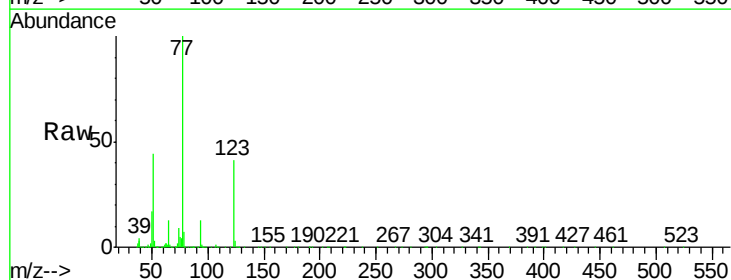
Manual Integrations
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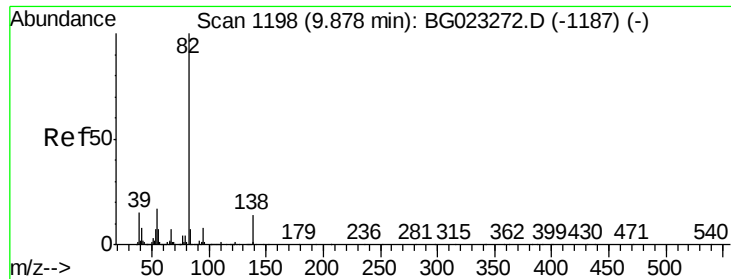
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#24
 Nitrobenzene
 Concen: 33.64 ng
 RT: 9.35 min Scan# 1108
 Delta R.T. -0.01 min
 Lab File: BG023368.D
 Acq: 31 Jul 2016 14:55

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.5	25.0	37.6#
65	13.2	13.4	20.0#





#25

Isophorone

Concen: 36.01 ng

RT: 9.86 min Scan# 1196

Delta R.T. -0.02 min

Lab File: BG023368.D

Acq: 31 Jul 2016 14:55

Instrument :

BNA_G

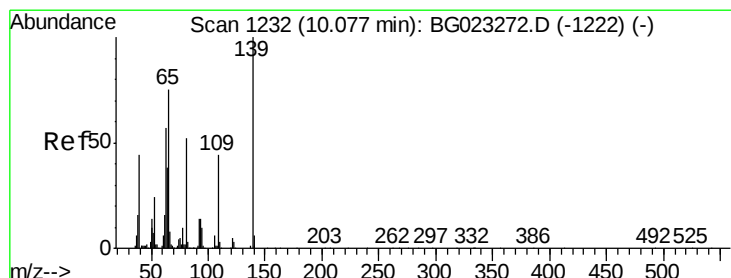
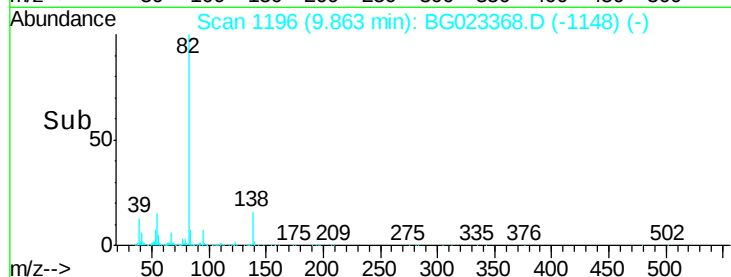
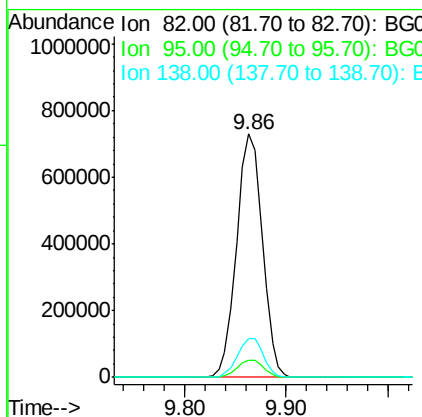
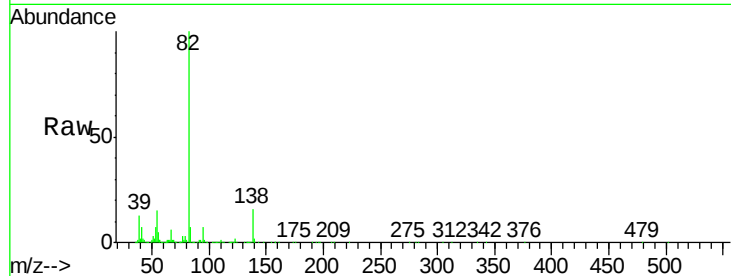
ClientSampleId :

PB92481BS

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.1	8.2	12.2#
138	16.1	10.7	16.1#

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#26

2-Nitrophenol

Concen: 39.08 ng

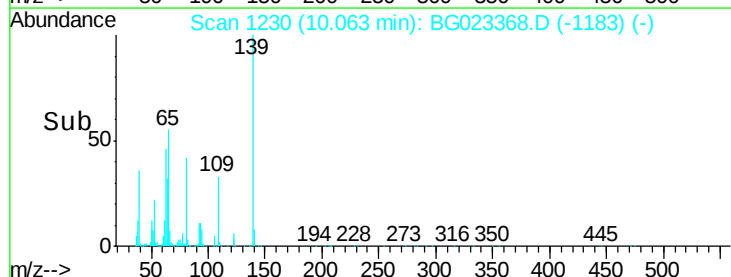
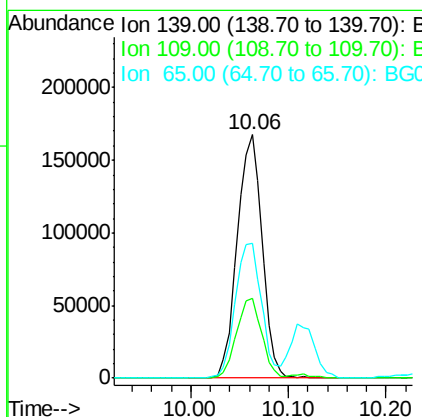
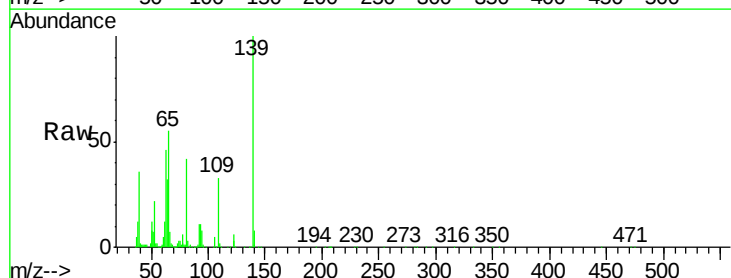
RT: 10.06 min Scan# 1230

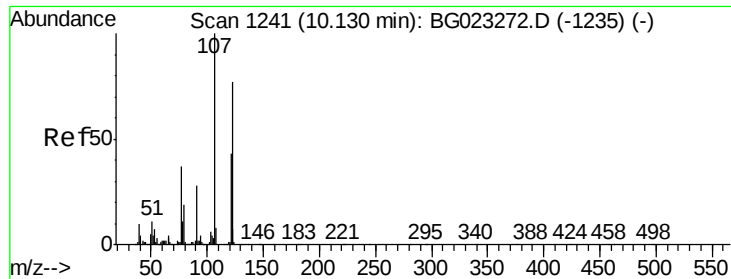
Delta R.T. -0.02 min

Lab File: BG023368.D

Acq: 31 Jul 2016 14:55

Tgt Ion	Ratio	Lower	Upper
139	100		
109	32.9	43.5	65.3#
65	55.3	64.3	96.5#





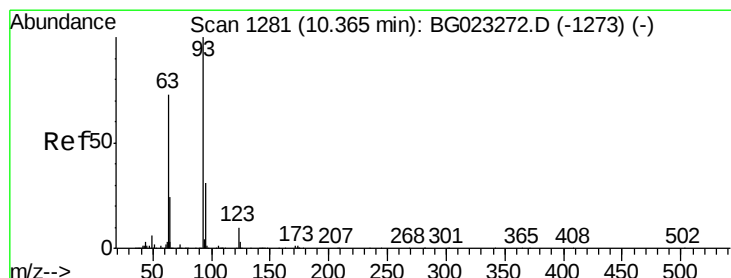
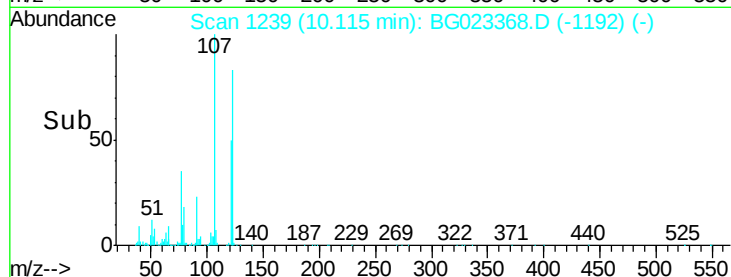
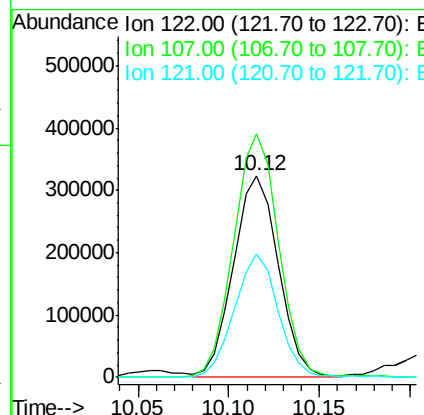
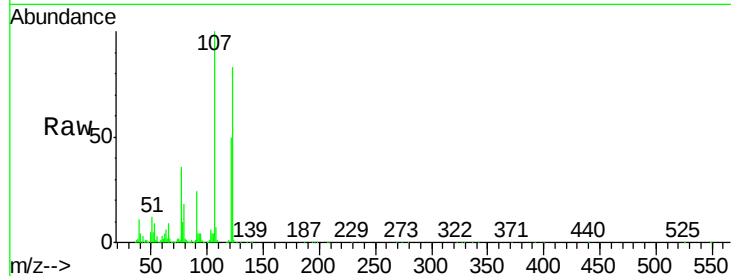
#27
 2,4-Dimethylphenol
 Concen: 43.15 ng
 RT: 10.12 min Scan# 1239
 Delta R.T. -0.02 min
 Lab File: BG023368.D
 Acq: 31 Jul 2016 14:55

Instrument :
 BNA_G
 ClientSampleId :
 PB92481BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	555618		
107	120.9	117.0	175.4	
121	61.1	50.1	75.1	

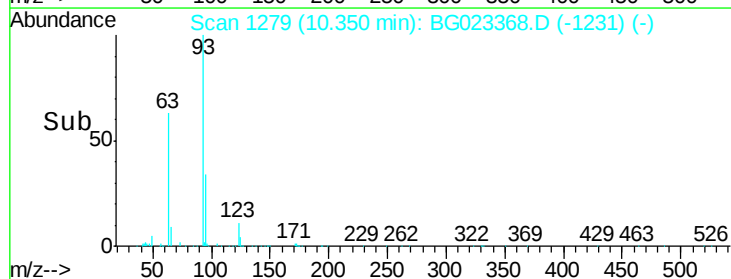
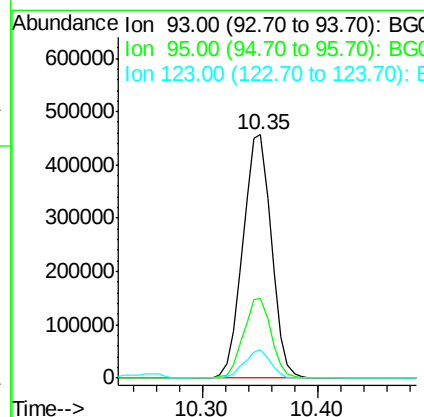
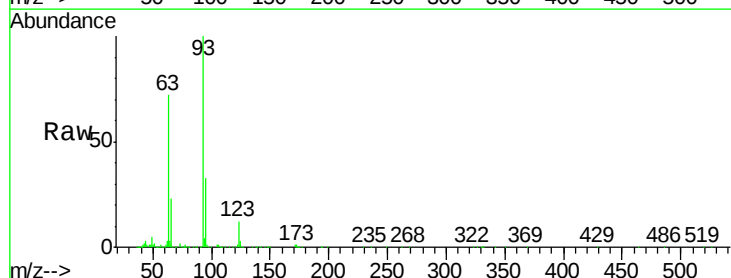
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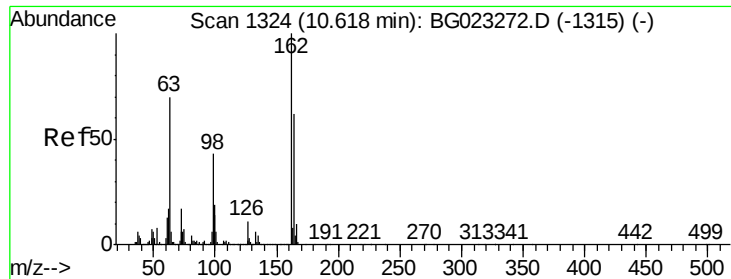
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#28
 bis(2-Chloroethoxy)methane
 Concen: 38.68 ng
 RT: 10.35 min Scan# 1279
 Delta R.T. -0.02 min
 Lab File: BG023368.D
 Acq: 31 Jul 2016 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	780800		
95	33.0	25.4	38.2	
123	11.5	8.2	12.2	





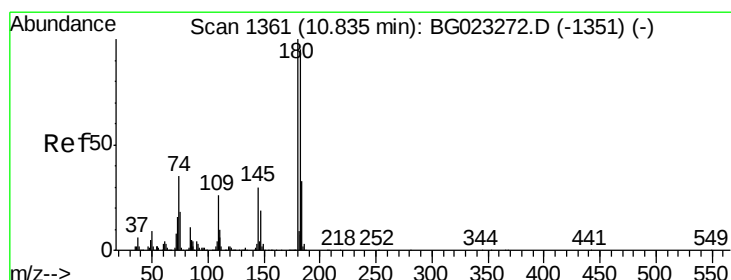
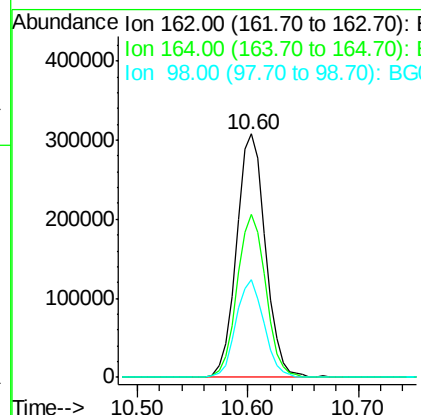
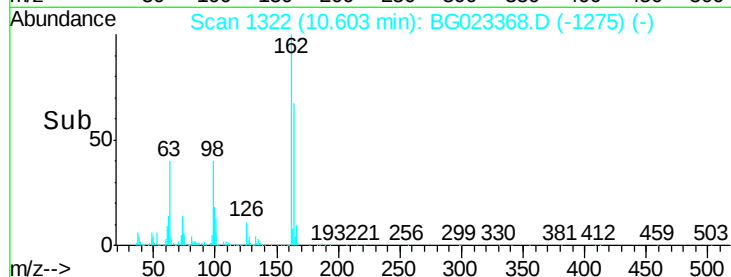
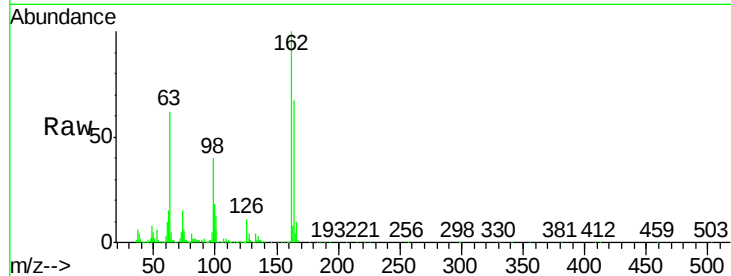
#29
 2,4-Dichlorophenol
 Concen: 45.46 ng
 RT: 10.60 min Scan# 1322
 Delta R.T. -0.02 min
 Lab File: BG023368.D
 Acq: 31 Jul 2016 14:55

Instrument :
 BNA_G
 ClientSampleId :
 PB92481BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	566729		
164	66.9	44.3	84.3	
98	40.0	19.5	59.5	

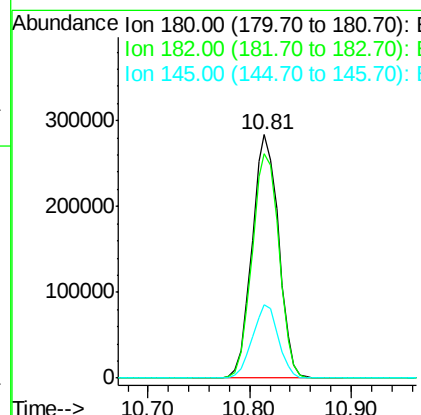
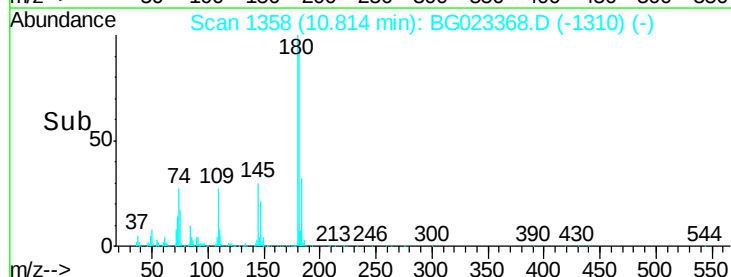
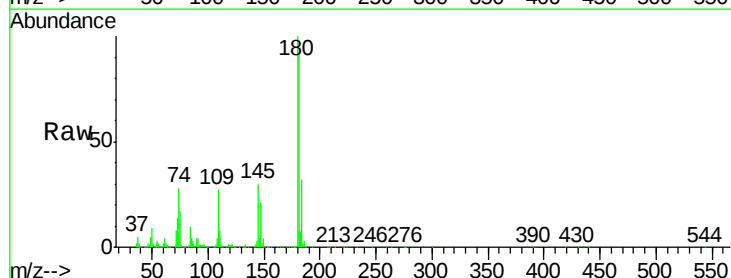
Manual Integrations
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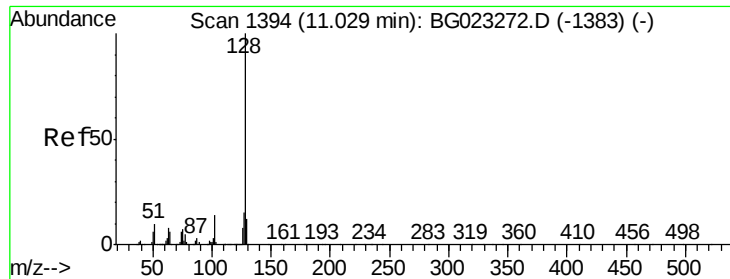
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#30
 1,2,4-Trichlorobenzene
 Concen: 37.29 ng
 RT: 10.81 min Scan# 1358
 Delta R.T. -0.02 min
 Lab File: BG023368.D
 Acq: 31 Jul 2016 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	513752		
182	92.1	73.8	110.8	
145	30.2	24.4	36.6	





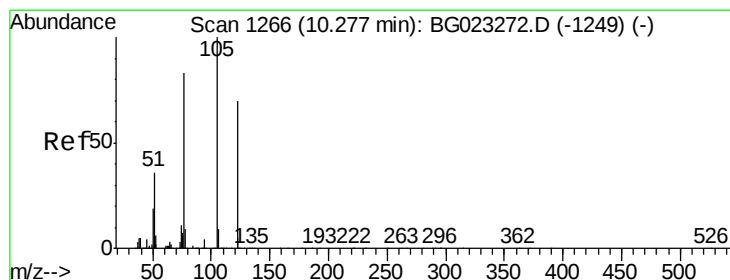
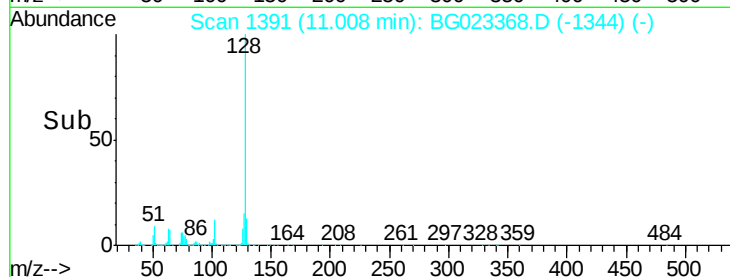
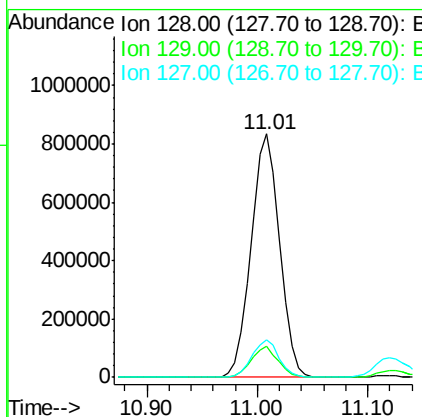
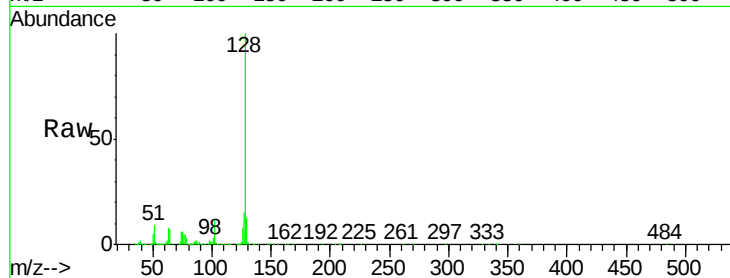
#31
Naphthalene
Concen: 38.07 ng
RT: 11.01 min Scan# 1391
Delta R.T. -0.02 min
Lab File: BG023368.D
Acq: 31 Jul 2016 14:55

Instrument :
BNA_G
ClientSampleId :
PB92481BS

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.7	9.4	14.0
127	15.4	11.3	16.9

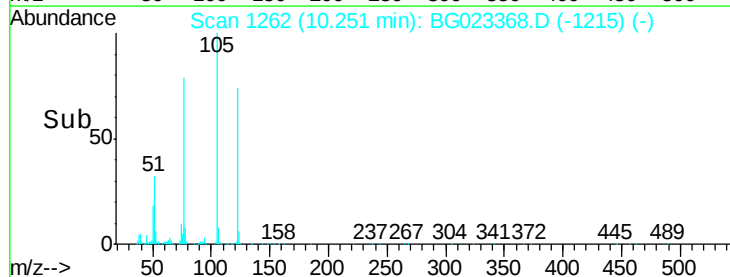
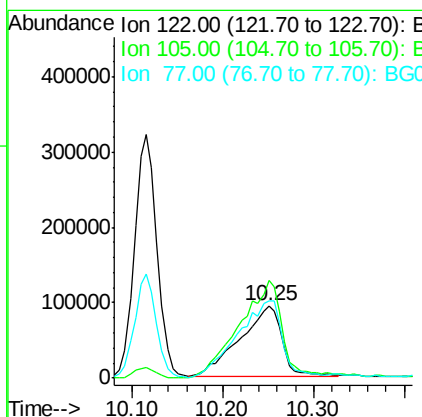
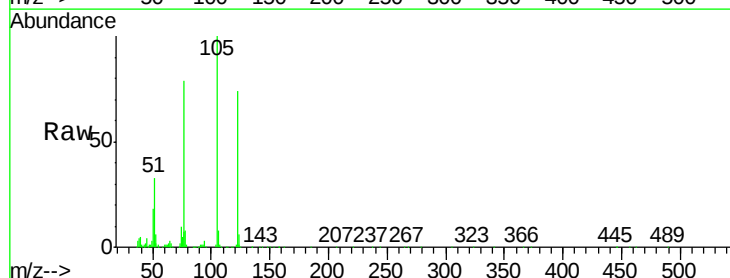
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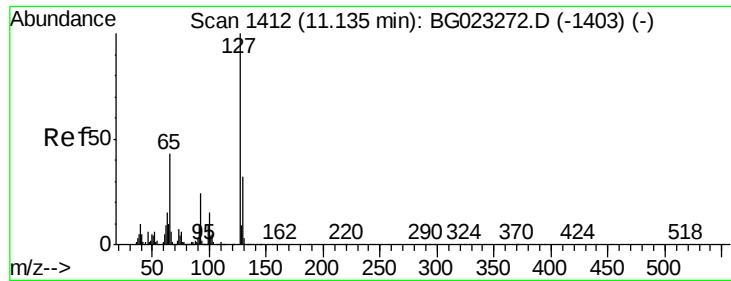
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#32
Benzoic acid
Concen: 32.18 ng
RT: 10.25 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BG023368.D
Acq: 31 Jul 2016 14:55

Tgt Ion	Ratio	Lower	Upper
122	100		
105	134.8	117.2	157.2
77	106.6	109.2	149.2





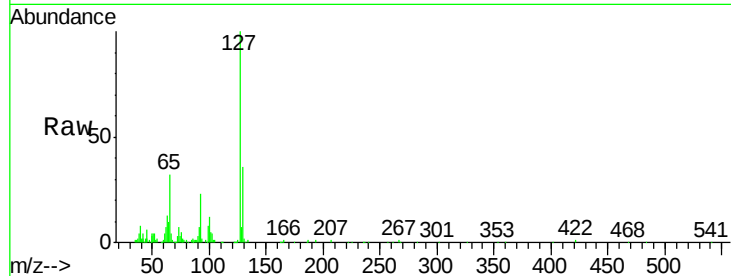
#33
4-Chloroaniline
Concen: 8.31 ng
RT: 11.12 min Scan# 1410
Delta R.T. -0.02 min
Lab File: BG023368.D
Acq: 31 Jul 2016 14:55

Instrument :
BNA_G
ClientSampleId :
PB92481BS

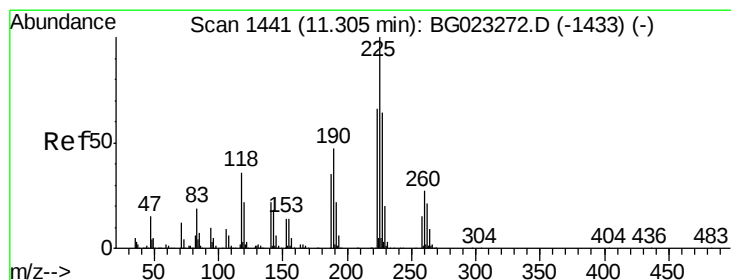
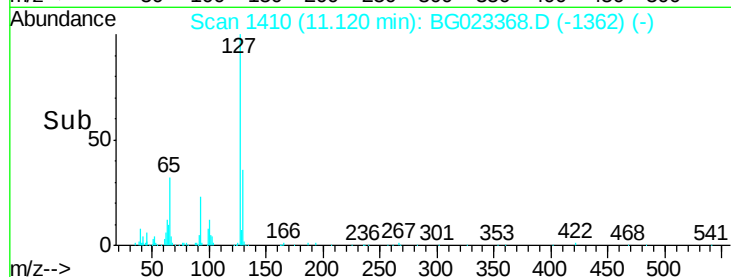
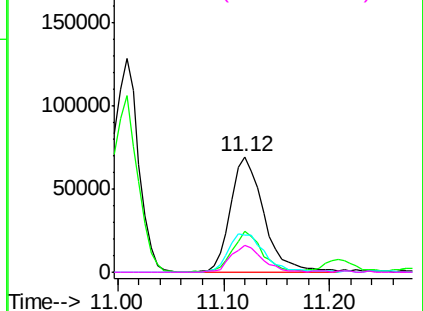
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	151990		
129	35.7	27.9	41.9	
65	32.4	36.8	55.2	
92	22.8	21.0	31.6	

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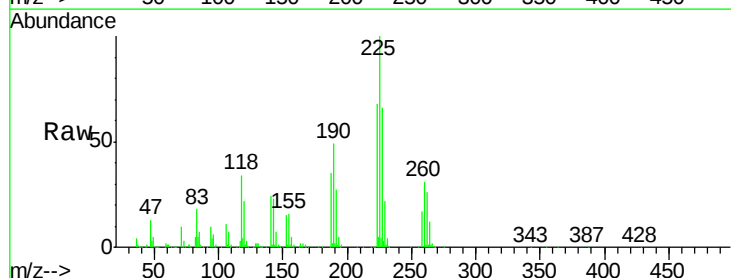


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

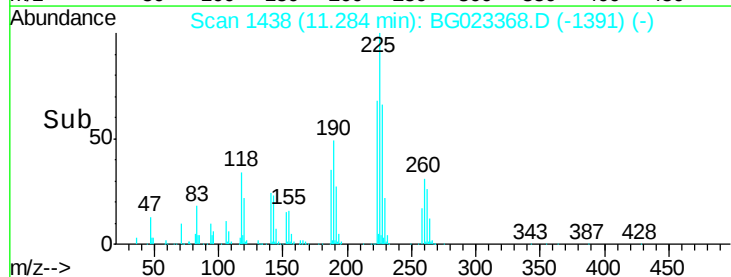
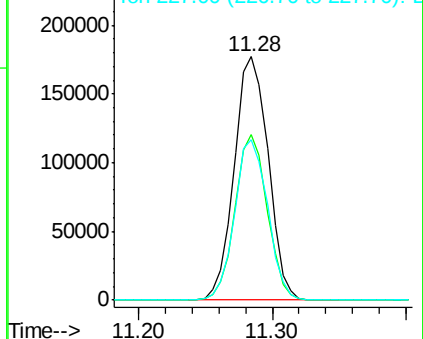


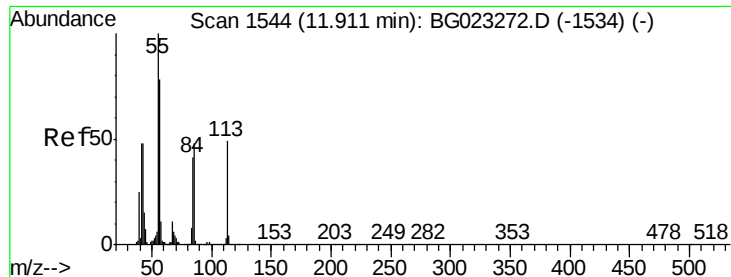
#34
Hexachlorobutadiene
Concen: 34.55 ng
RT: 11.28 min Scan# 1438
Delta R.T. -0.02 min
Lab File: BG023368.D
Acq: 31 Jul 2016 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	311976		
223	68.2	49.6	74.4	
227	65.7	54.5	81.7	



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





#35

Caprolactam

Concen: 43.47 ng m

RT: 11.90 min Scan# 1542

Delta R.T. 0.01 min

Lab File: BG023368.D

Acq: 31 Jul 2016 14:55

Instrument :

BNA_G

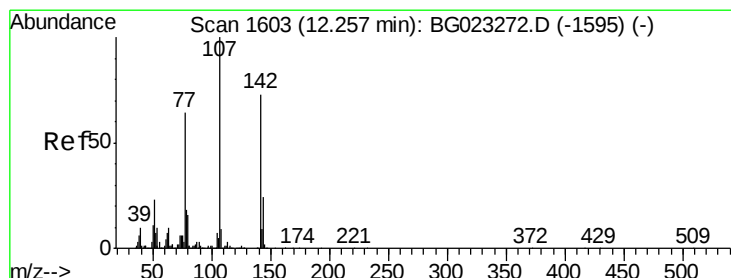
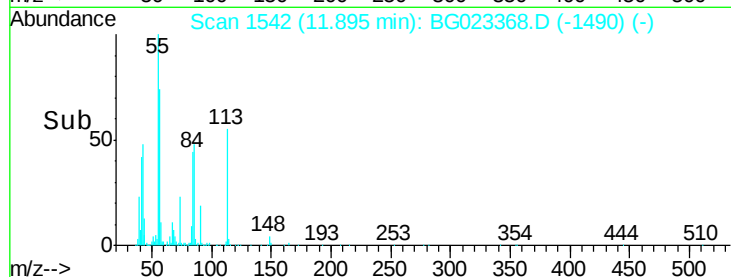
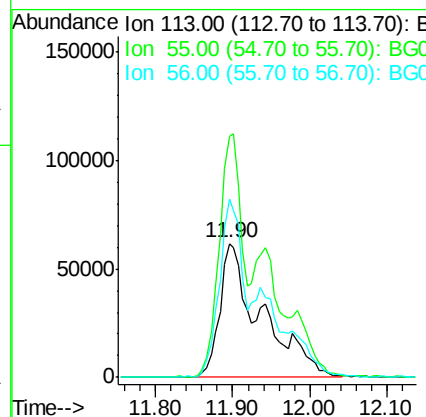
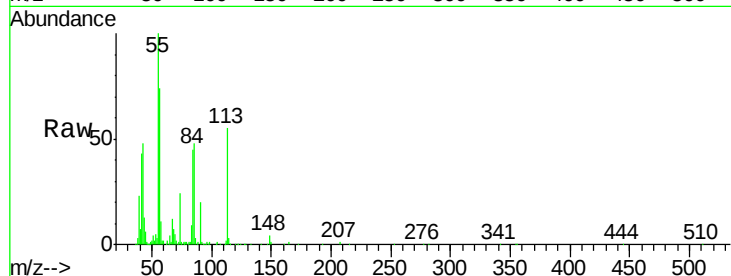
ClientSampleId :

PB92481BS

Tgt Ion:	113	Resp:	230472
Ion Ratio	Lower	Upper	
113	100		
55	180.3	154.5	194.5
56	133.4	125.1	165.1

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#36

4-Chloro-3-methylphenol

Concen: 42.39 ng

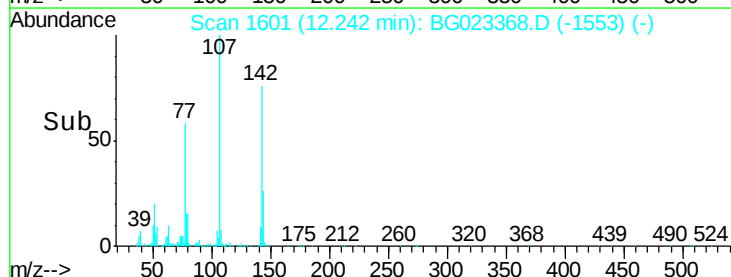
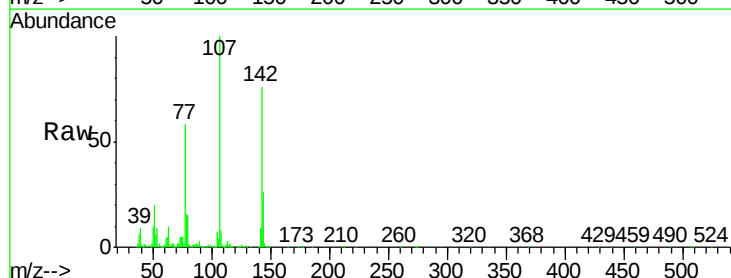
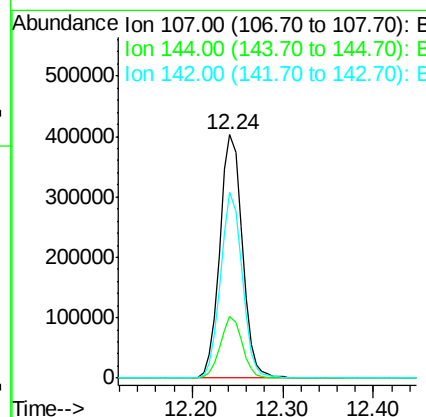
RT: 12.24 min Scan# 1601

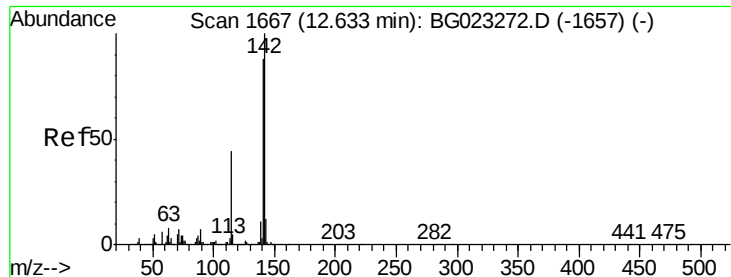
Delta R.T. -0.02 min

Lab File: BG023368.D

Acq: 31 Jul 2016 14:55

Tgt Ion:	107	Resp:	694311
Ion Ratio	Lower	Upper	
107	100		
144	25.6	17.0	25.6#
142	76.2	53.0	79.6





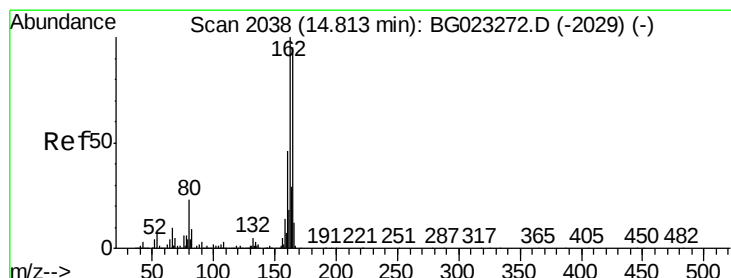
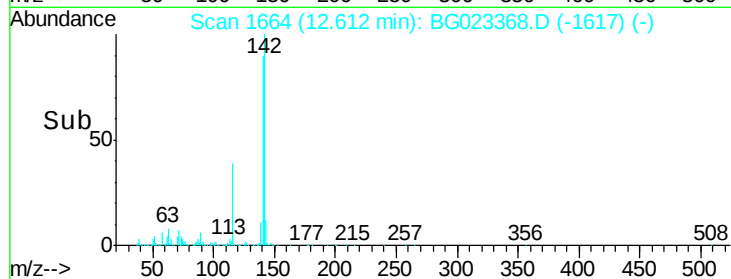
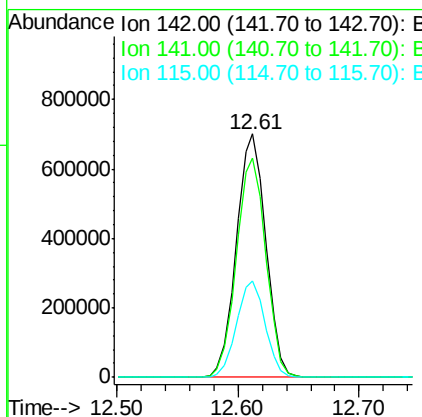
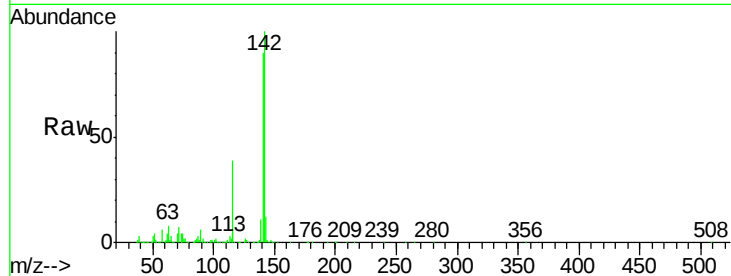
#37
2-Methylnaphthalene
Concen: 40.50 ng
RT: 12.61 min Scan# 1664
Delta R.T. -0.02 min
Lab File: BG023368.D
Acq: 31 Jul 2016 14:55

Instrument :
BNA_G
ClientSampleId :
PB92481BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.1	70.2	105.2
115	39.4	41.7	62.5#

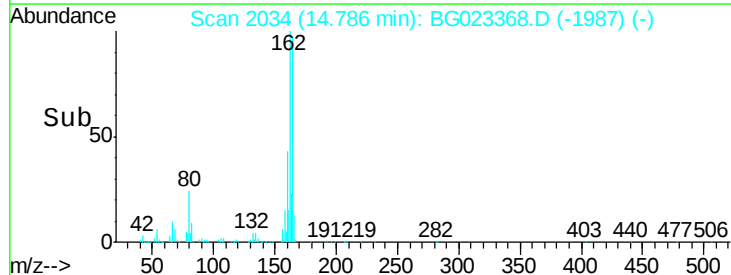
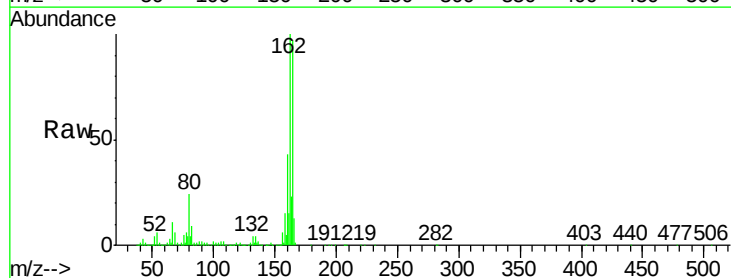
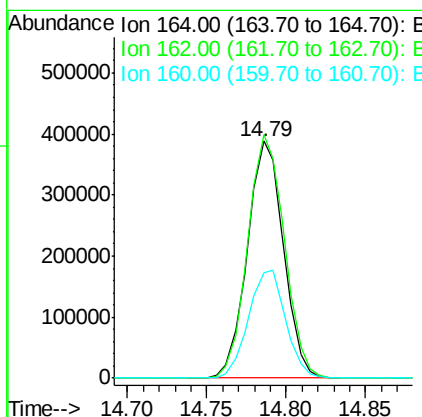
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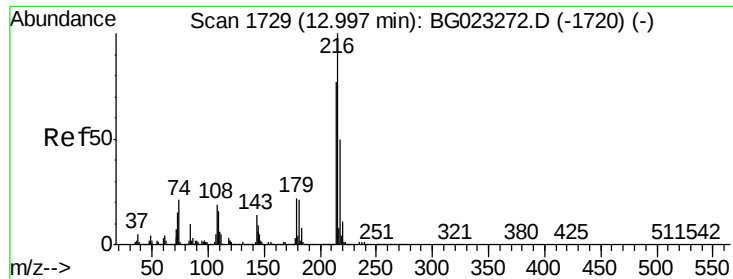
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.79 min Scan# 2034
Delta R.T. -0.02 min
Lab File: BG023368.D
Acq: 31 Jul 2016 14:55

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	87.7	131.5
160	44.3	37.2	55.8





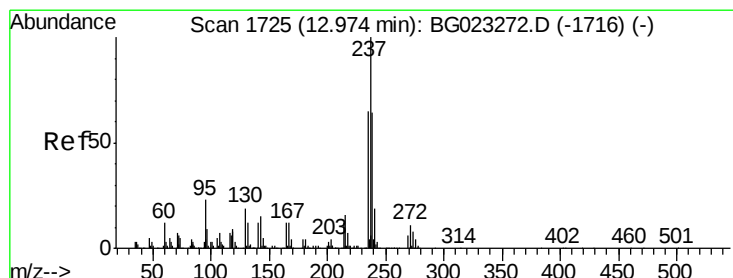
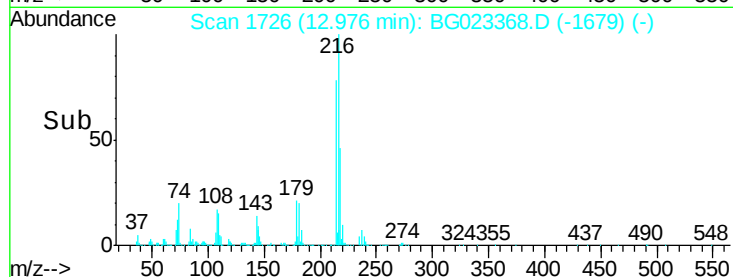
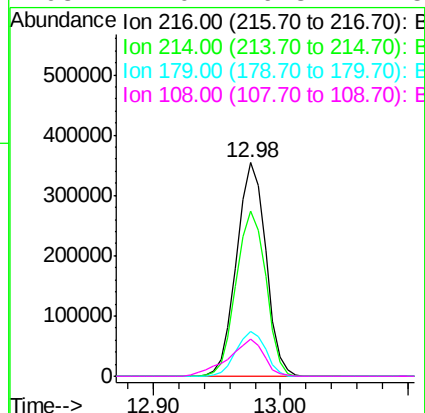
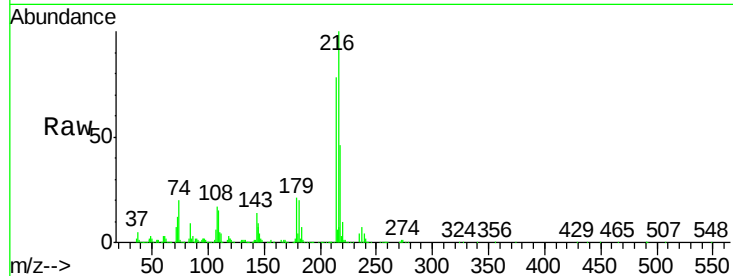
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 28.53 ng
 RT: 12.98 min Scan# 1726
 Delta R.T. -0.02 min
 Lab File: BG023368.D
 Acq: 31 Jul 2016 14:55

Instrument :
 BNA_G
 ClientSampleId :
 PB92481BS

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	566052		
214	78.5	62.9	94.3	
179	21.3	17.2	25.8	
108	21.0	16.3	24.5	

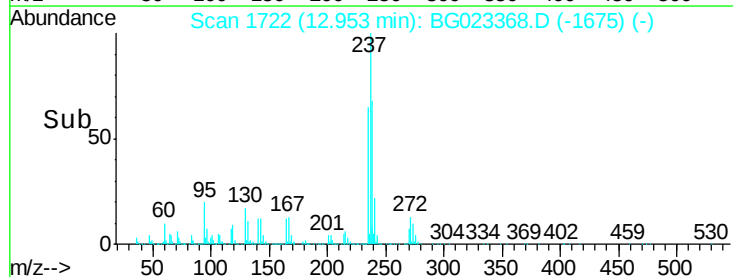
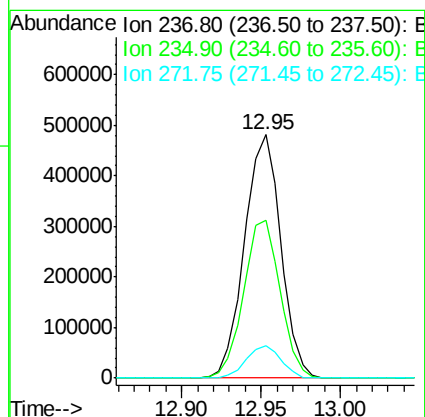
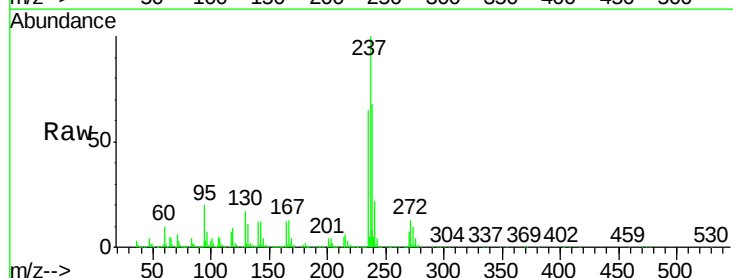
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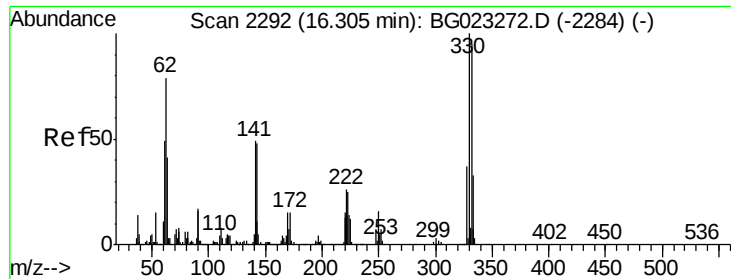
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#40
 Hexachlorocyclopentadiene
 Concen: 81.50 ng
 RT: 12.95 min Scan# 1722
 Delta R.T. -0.02 min
 Lab File: BG023368.D
 Acq: 31 Jul 2016 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	766115		
235	65.0	43.1	83.1	
272	13.3	0.0	30.9	





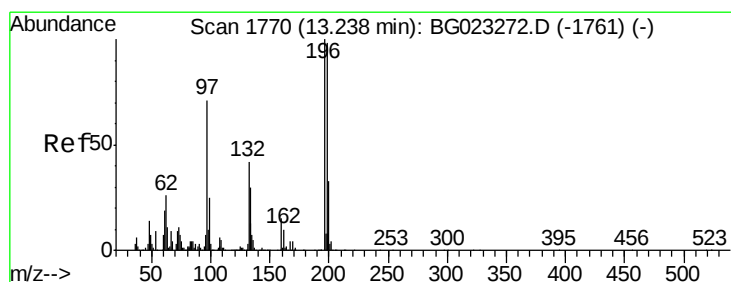
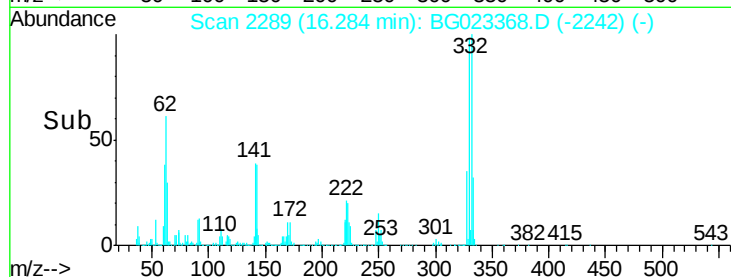
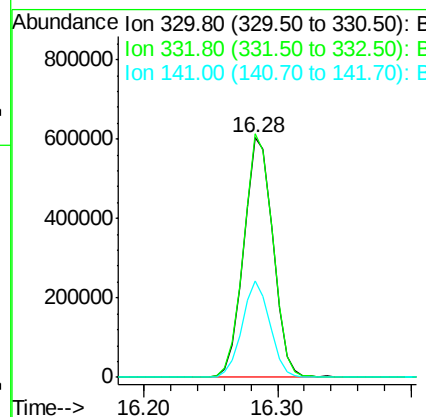
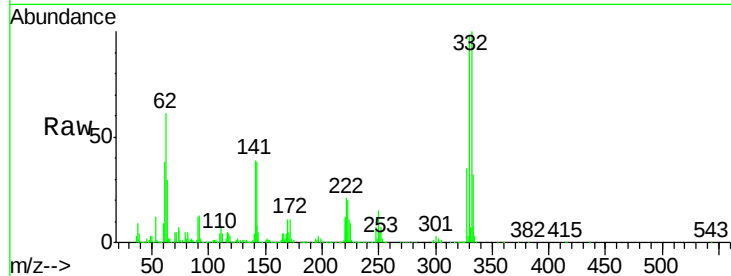
#41
 2,4,6-Tribromophenol
 Concen: 143.48 ng
 RT: 16.28 min Scan# 2289
 Delta R.T. -0.02 min
 Lab File: BG023368.D
 Acq: 31 Jul 2016 14:55

Instrument :
 BNA_G
 ClientSampleId :
 PB92481BS

Tgt Ion	Ratio	Lower	Upper
330	100		
332	100.8	77.4	116.2
141	38.4	31.7	47.5

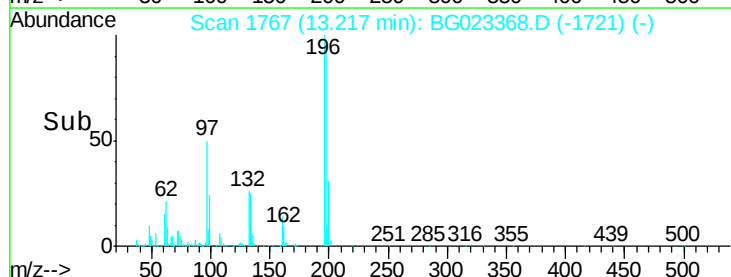
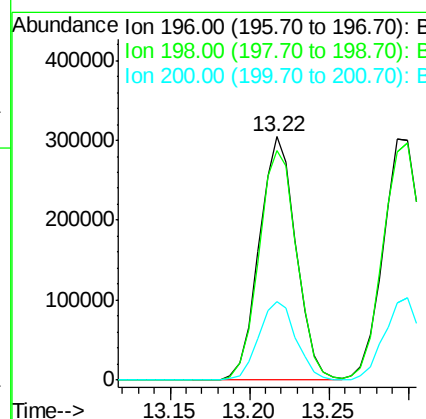
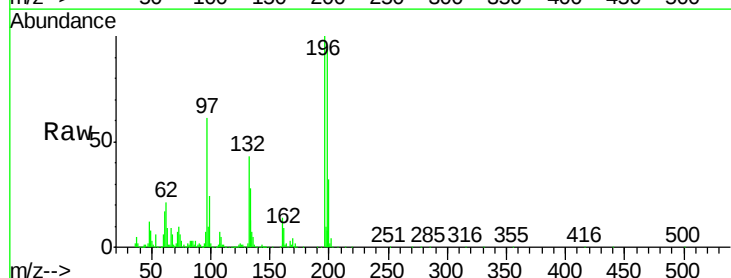
Manual Integrations
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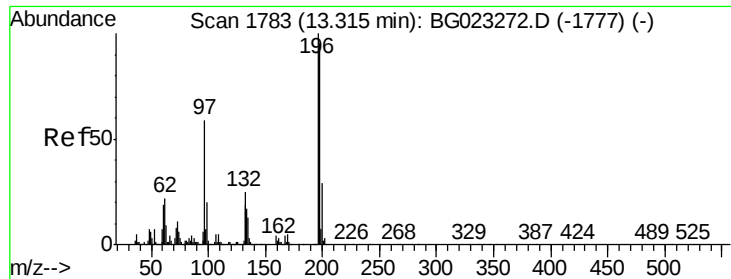
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#42
 2,4,6-Trichlorophenol
 Concen: 42.19 ng
 RT: 13.22 min Scan# 1767
 Delta R.T. -0.03 min
 Lab File: BG023368.D
 Acq: 31 Jul 2016 14:55

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.5	78.2	117.2
200	32.2	27.0	40.4





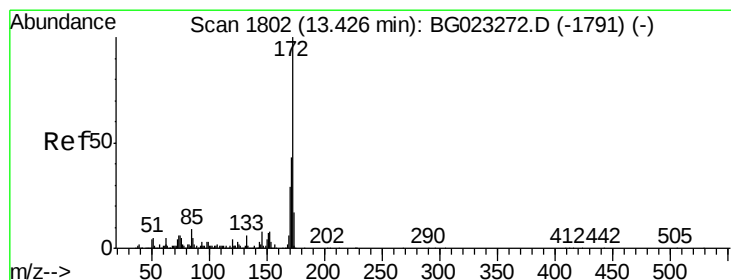
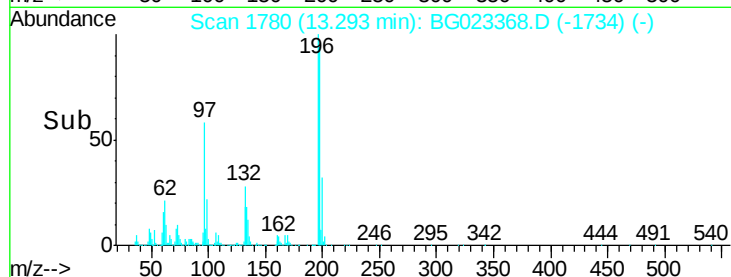
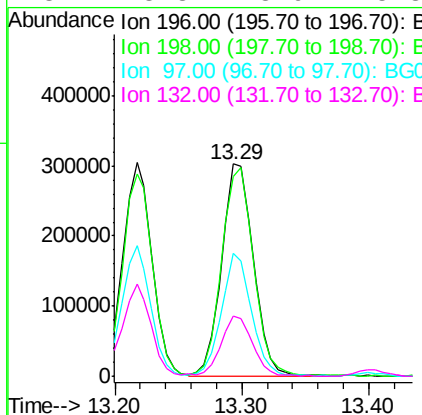
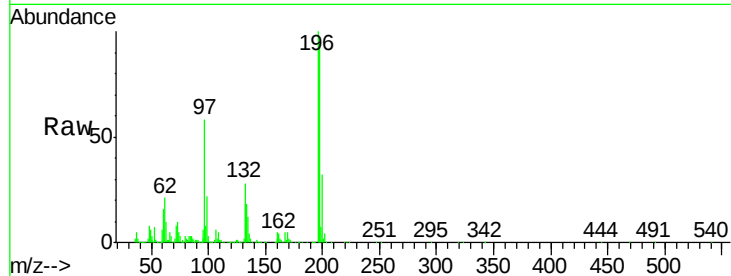
#43
 2,4,5-Trichlorophenol
 Concen: 42.31 ng
 RT: 13.29 min Scan# 1780
 Delta R.T. -0.03 min
 Lab File: BG023368.D
 Acq: 31 Jul 2016 14:55

Instrument :
 BNA_G
 ClientSampleId :
 PB92481BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	522951		
198	94.2	85.7	128.5	
97	57.7	45.5	68.3	
132	28.3	18.9	28.3	

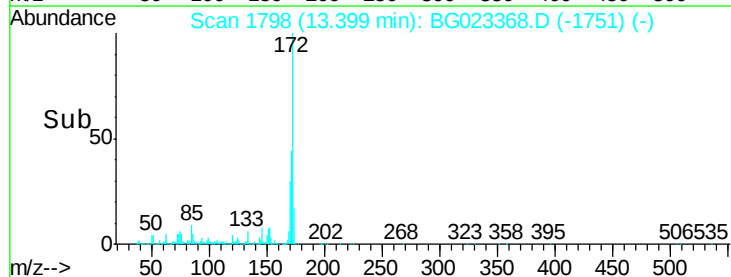
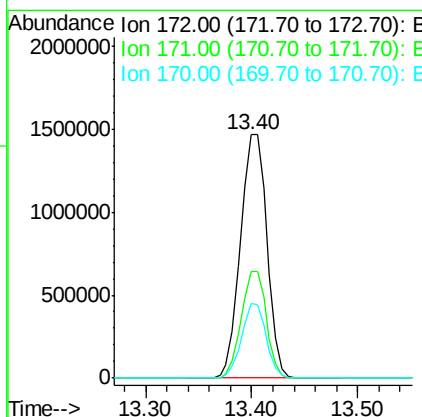
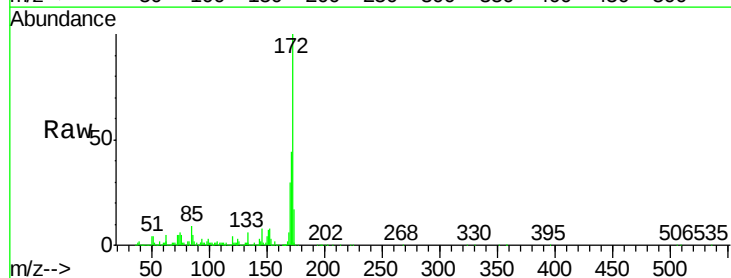
Manual Integrations
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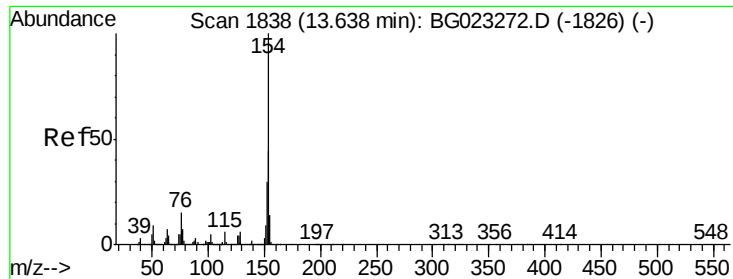
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#44
 2-Fluorobiphenyl
 Concen: 77.83 ng
 RT: 13.40 min Scan# 1798
 Delta R.T. -0.02 min
 Lab File: BG023368.D
 Acq: 31 Jul 2016 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2548176		
171	44.1	31.6	47.4	
170	30.4	21.3	31.9	





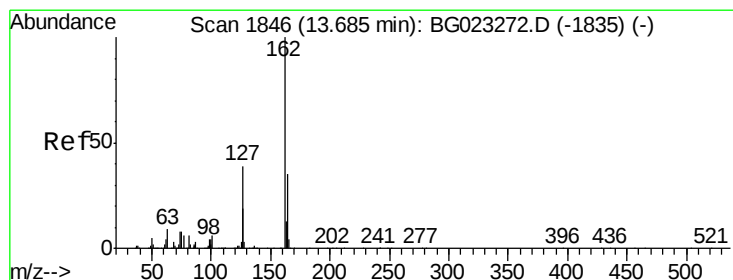
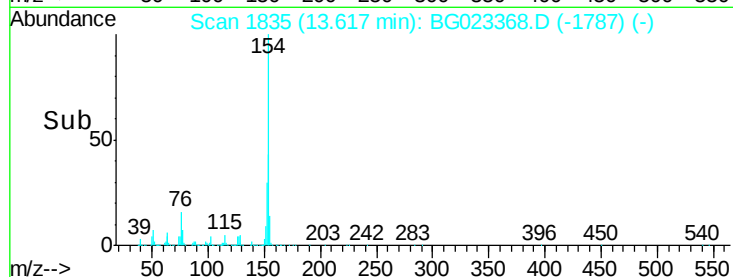
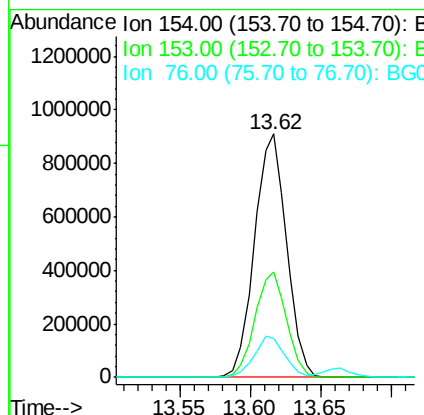
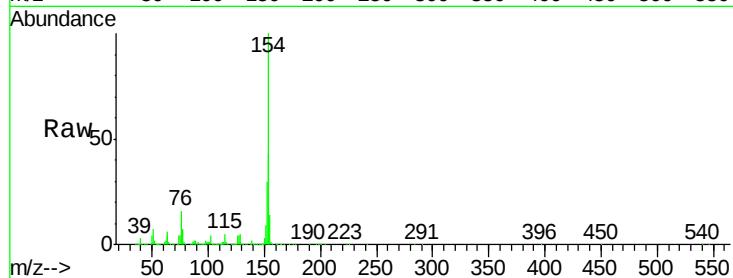
#45
 1,1'-Biphenyl
 Concen: 33.93 ng
 RT: 13.62 min Scan# 1835
 Delta R.T. -0.02 min
 Lab File: BG023368.D
 Acq: 31 Jul 2016 14:55

Instrument :
 BNA_G
 ClientSampleId :
 PB92481BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.3	20.2	60.2
76	15.9	0.0	32.9

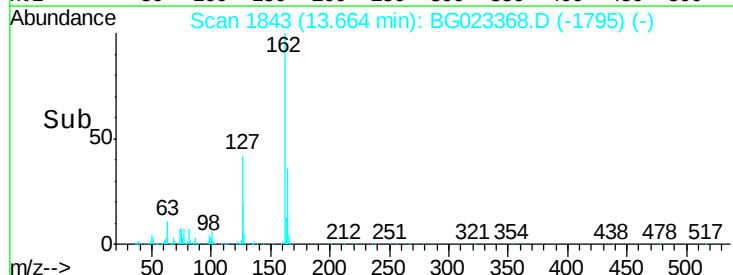
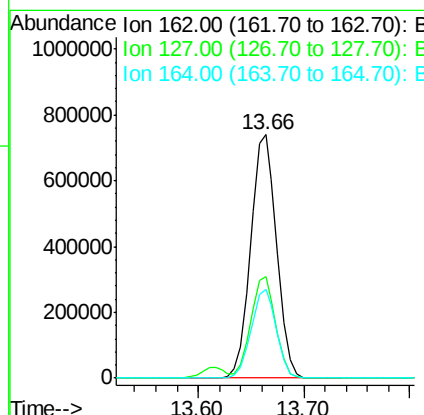
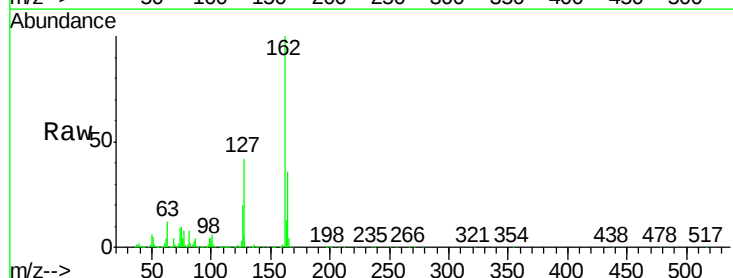
Manual Integrations
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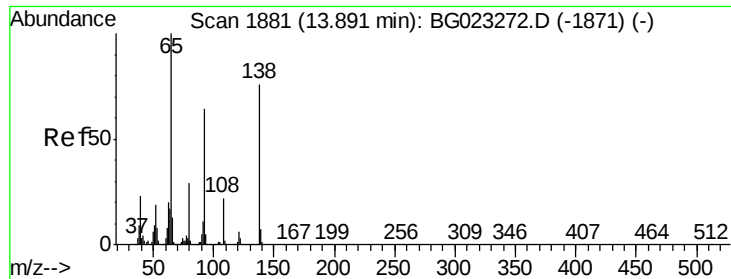
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#46
 2-Chloronaphthalene
 Concen: 36.75 ng
 RT: 13.66 min Scan# 1843
 Delta R.T. -0.02 min
 Lab File: BG023368.D
 Acq: 31 Jul 2016 14:55

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.8	32.4	48.6
164	36.2	25.2	37.8





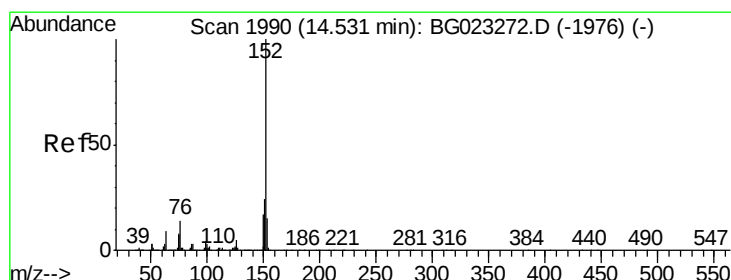
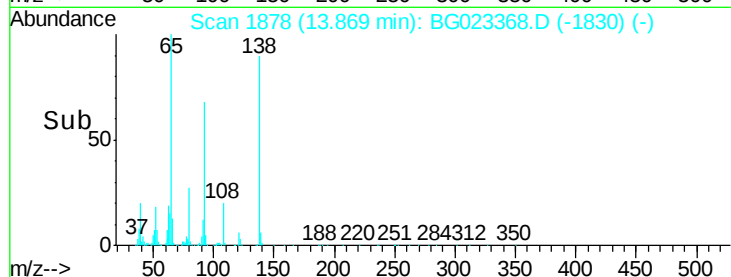
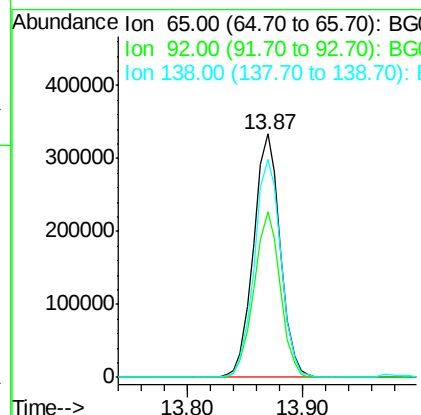
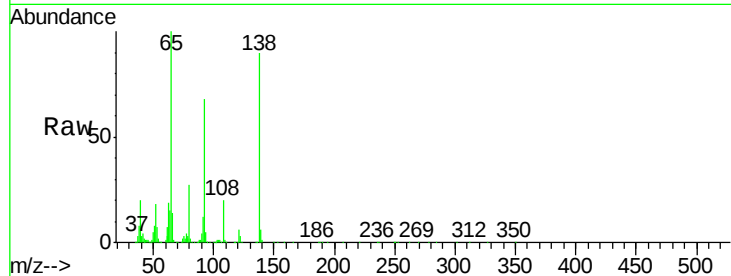
#47
 2-Nitroaniline
 Concen: 37.13 ng
 RT: 13.87 min Scan# 1878
 Delta R.T. -0.02 min
 Lab File: BG023368.D
 Acq: 31 Jul 2016 14:55

Instrument :
 BNA_G
 ClientSampleId :
 PB92481BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.9	49.4	74.0
138	89.6	58.0	87.0

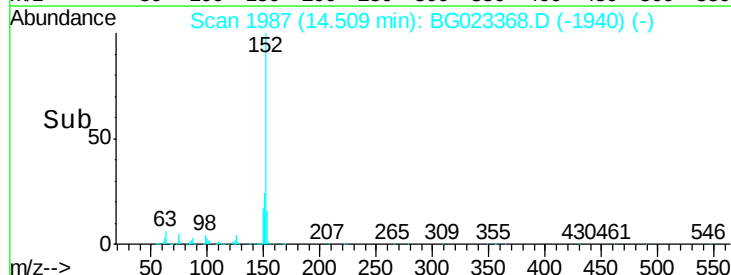
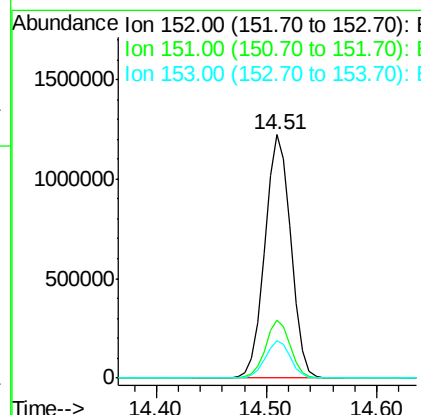
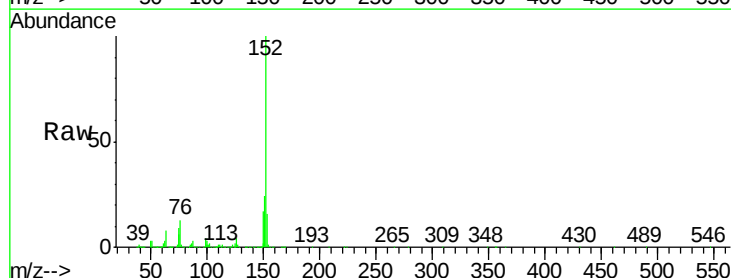
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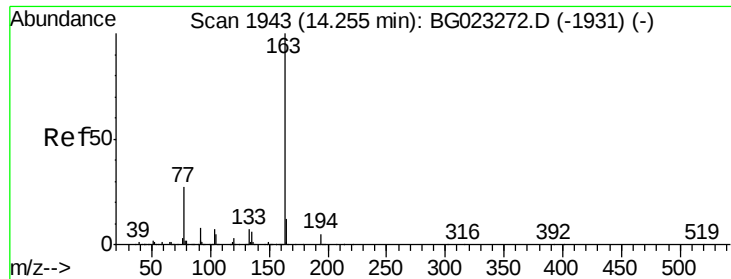
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#48
 Acenaphthylene
 Concen: 38.45 ng
 RT: 14.51 min Scan# 1987
 Delta R.T. -0.02 min
 Lab File: BG023368.D
 Acq: 31 Jul 2016 14:55

Tgt Ion	Ratio	Lower	Upper
152	100		
151	24.0	17.6	26.4
153	15.6	11.4	17.2





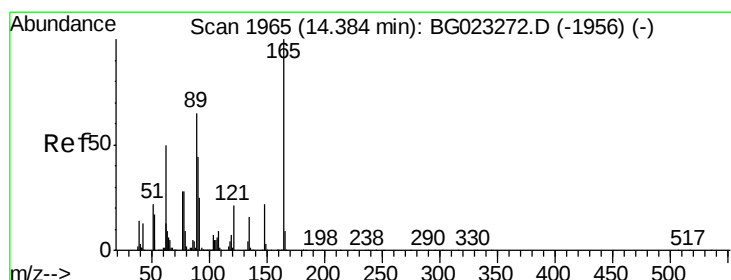
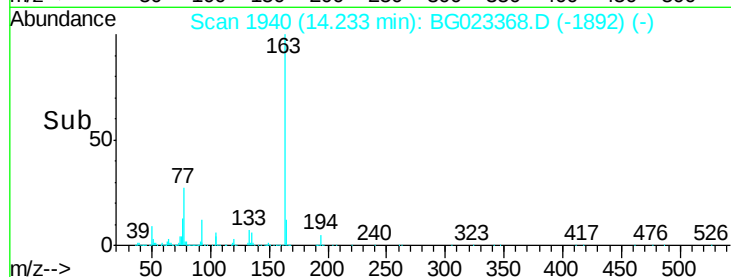
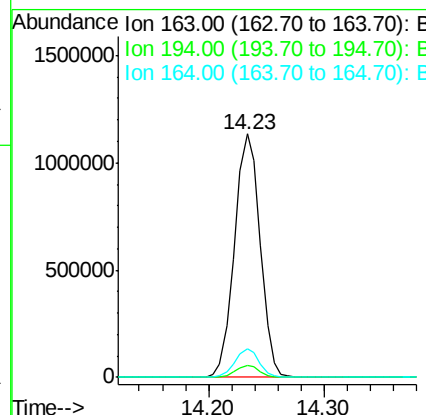
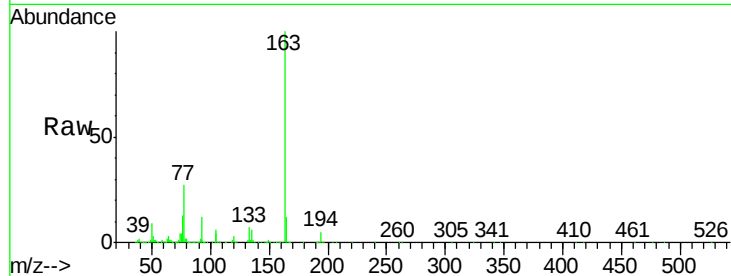
#49
Dimethylphthalate
Concen: 38.43 ng
RT: 14.23 min Scan# 1940
Delta R.T. -0.02 min
Lab File: BG023368.D
Acq: 31 Jul 2016 14:55

Instrument :
BNA_G
ClientSampleId :
PB92481BS

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.6	5.4
164	11.8	8.1	12.1

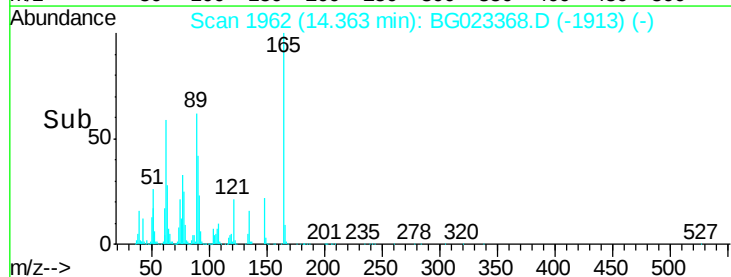
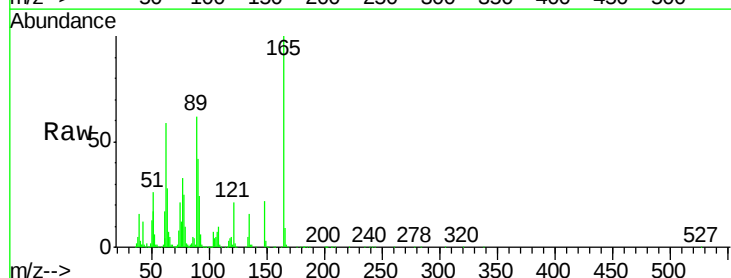
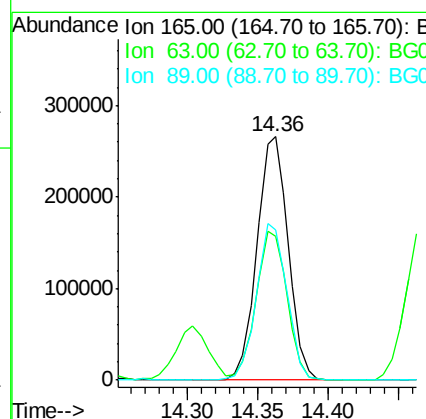
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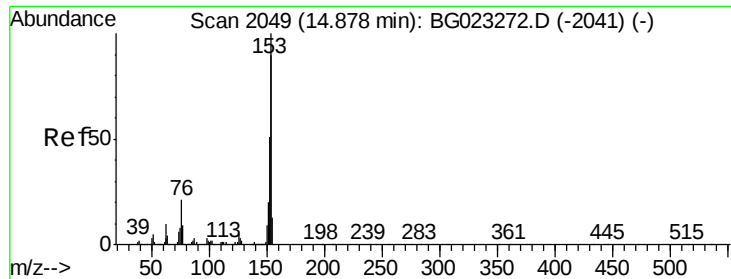
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#50
2,6-Dinitrotoluene
Concen: 39.05 ng
RT: 14.36 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BG023368.D
Acq: 31 Jul 2016 14:55

Tgt Ion	Ratio	Lower	Upper
165	100		
63	58.9	64.3	96.5#
89	61.9	64.3	96.5#





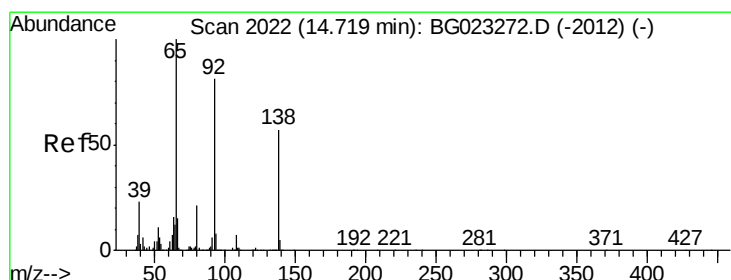
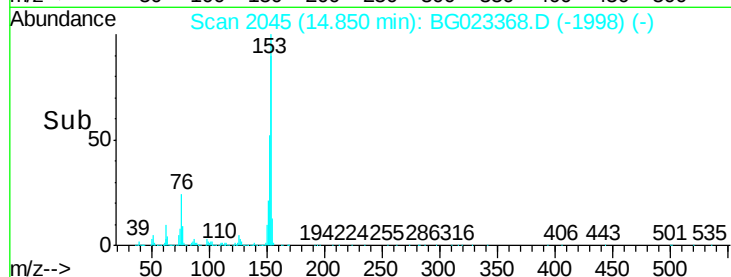
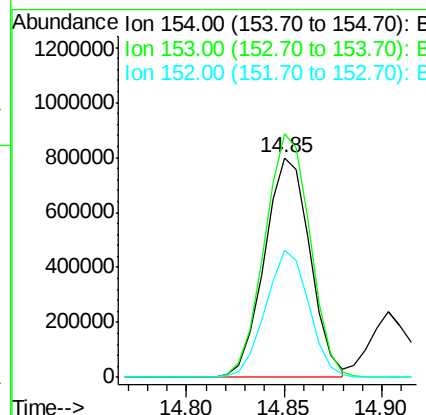
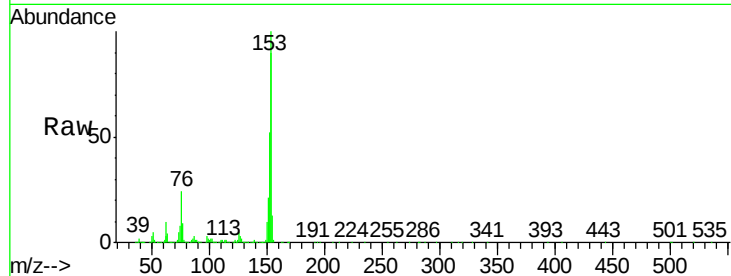
#51
Acenaphthene
Concen: 37.80 ng
RT: 14.85 min Scan# 2045
Delta R.T. -0.02 min
Lab File: BG023368.D
Acq: 31 Jul 2016 14:55

Instrument :
BNA_G
ClientSampled :
PB92481BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.8	87.5	131.3
152	57.6	42.7	64.1

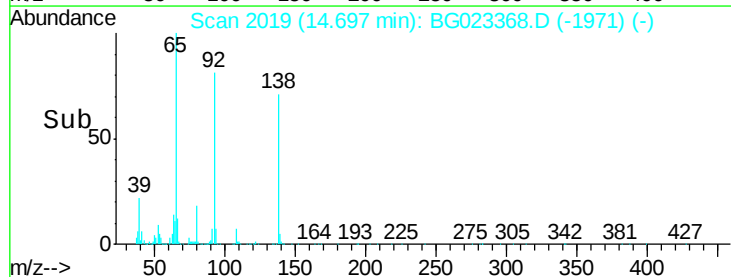
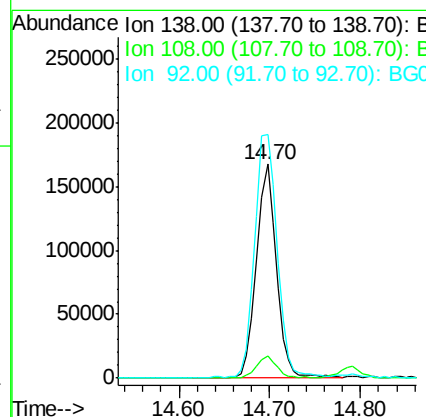
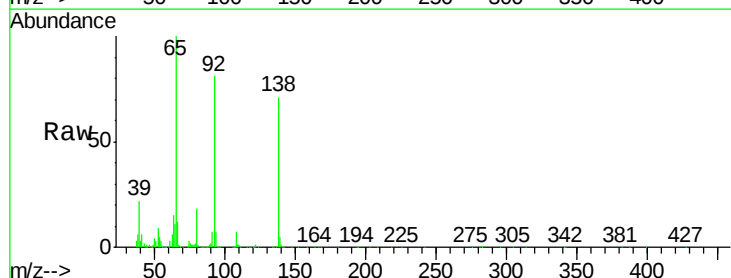
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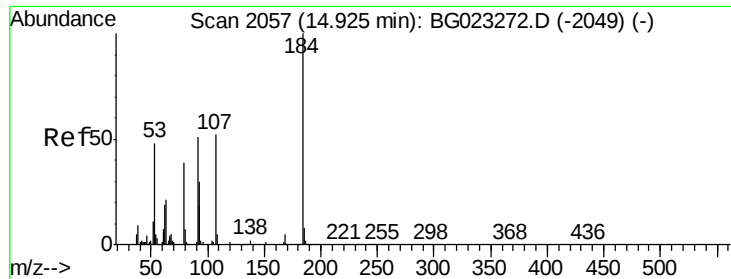
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#52
3-Nitroaniline
Concen: 24.12 ng
RT: 14.70 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BG023368.D
Acq: 31 Jul 2016 14:55

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.3	11.7	17.5#
92	114.0	129.7	194.5#





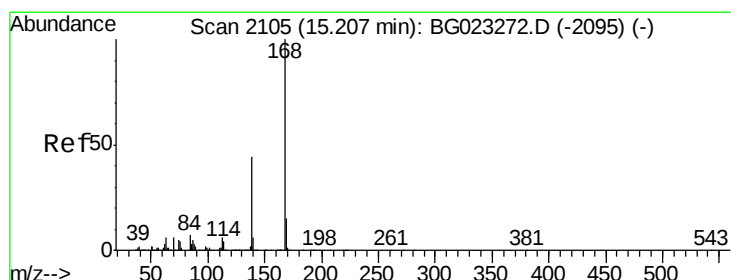
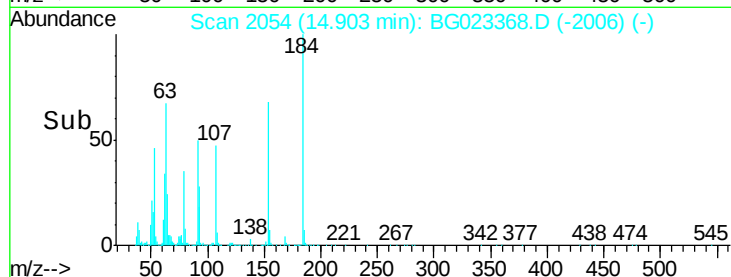
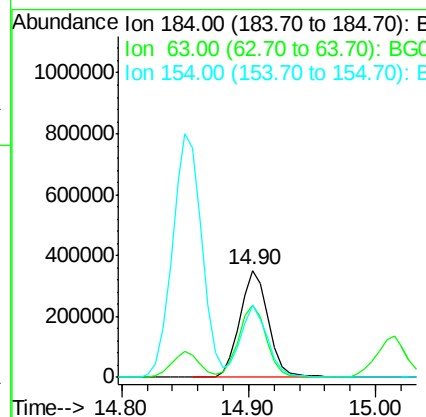
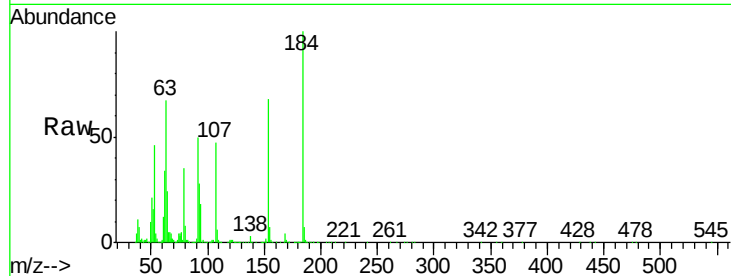
#53
2,4-Dinitrophenol
Concen: 88.02 ng
RT: 14.90 min Scan# 2054
Delta R.T. -0.02 min
Lab File: BG023368.D
Acq: 31 Jul 2016 14:55

Instrument :
BNA_G
ClientSampleId :
PB92481BS

Tgt Ion	Ratio	Lower	Upper
184	100		
63	66.9	59.6	89.4
154	67.7	67.4	101.0

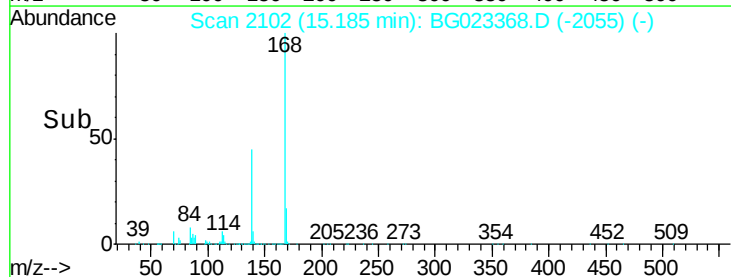
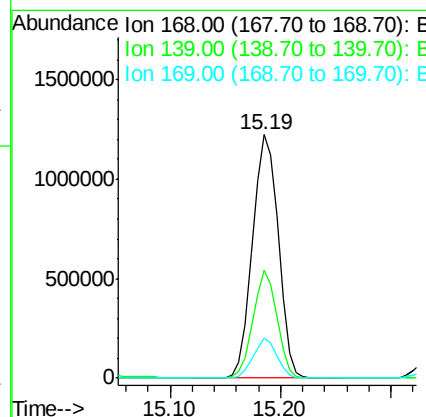
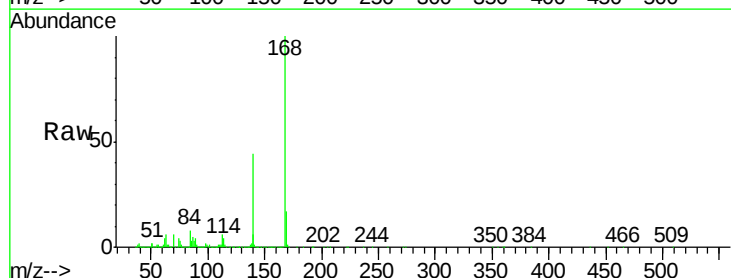
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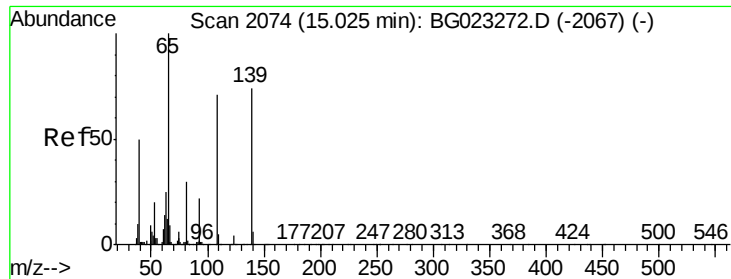
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#54
Dibenzofuran
Concen: 41.81 ng
RT: 15.19 min Scan# 2102
Delta R.T. -0.02 min
Lab File: BG023368.D
Acq: 31 Jul 2016 14:55

Tgt Ion	Ratio	Lower	Upper
168	100		
139	44.2	36.4	54.6
169	16.6	11.9	17.9





#55

4-Nitrophenol

Concen: 76.35 ng

RT: 15.01 min Scan# 2073

Delta R.T. -0.03 min

Lab File: BG023368.D

Acq: 31 Jul 2016 14:55

Instrument :

BNA_G

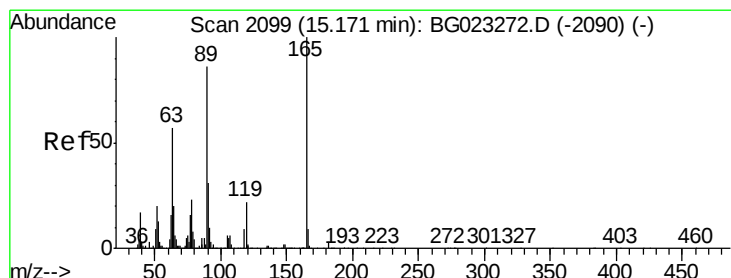
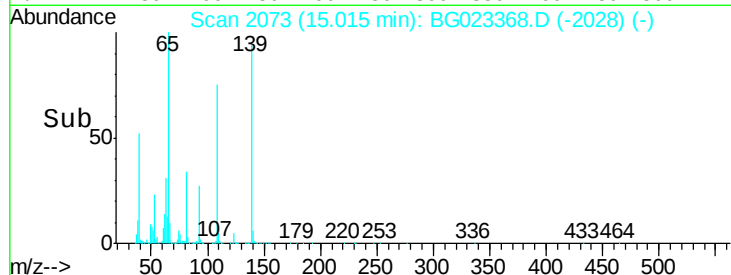
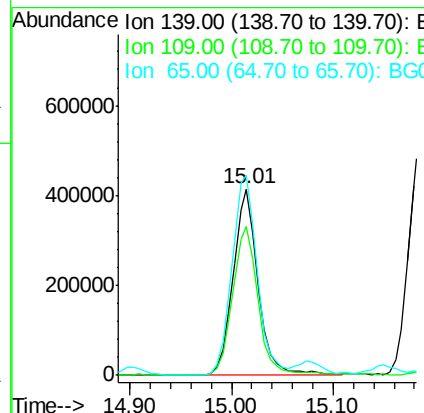
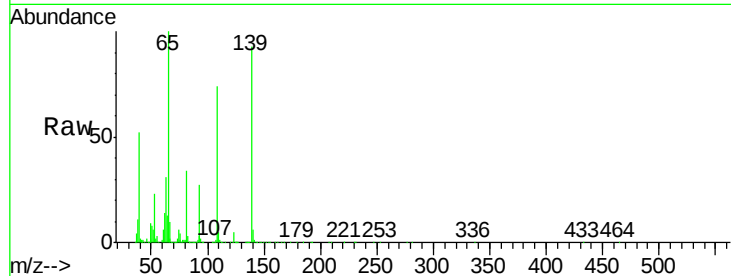
ClientSampleId :

PB92481BS

Tgt Ion	Ratio	Lower	Upper
139	100		
109	79.7	103.0	143.0#
65	107.4	112.7	152.7#

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#56

2,4-Dinitrotoluene

Concen: 40.06 ng

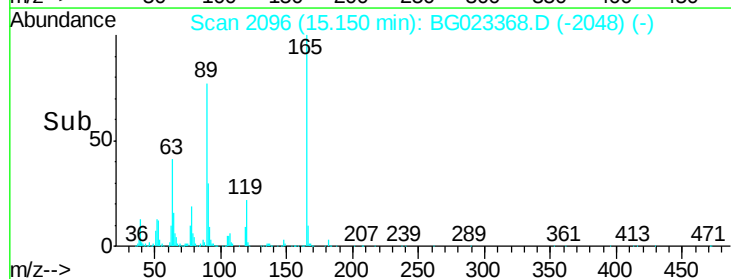
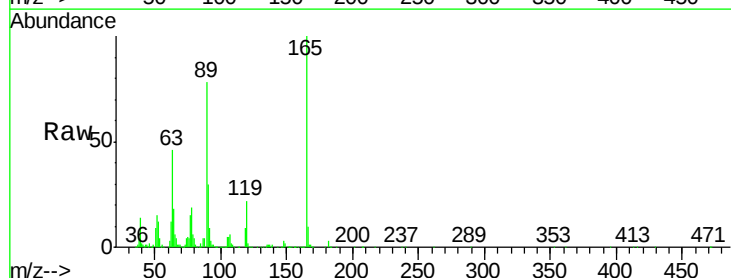
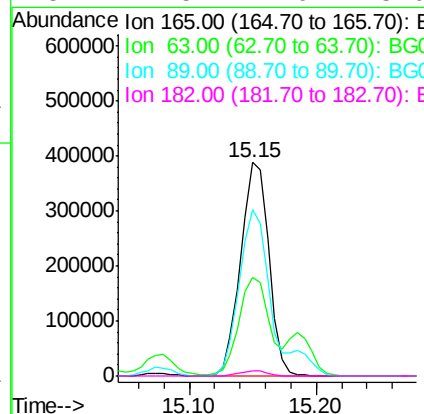
RT: 15.15 min Scan# 2096

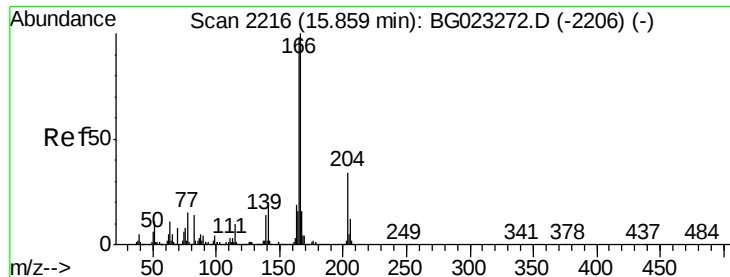
Delta R.T. -0.02 min

Lab File: BG023368.D

Acq: 31 Jul 2016 14:55

Tgt Ion	Ratio	Lower	Upper
165	100		
63	46.3	45.8	68.6
89	77.8	68.6	102.8
182	2.5	2.0	3.0





#57

Fluorene

Concen: 38.95 ng

RT: 15.84 min Scan# 2213

Delta R.T. -0.02 min

Lab File: BG023368.D

Acq: 31 Jul 2016 14:55

Instrument :

BNA_G

ClientSampled :

PB92481BS

Tgt Ion:166 Resp: 1654949

Ion Ratio Lower Upper

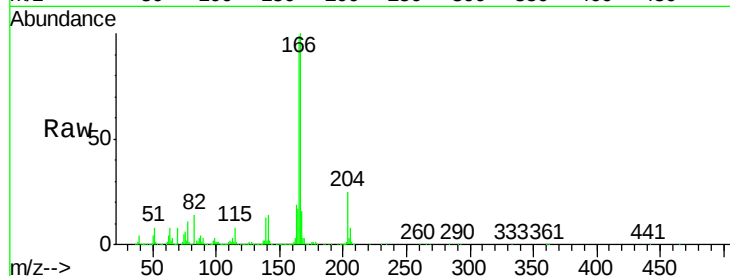
166 100

165 98.9 81.0 121.6

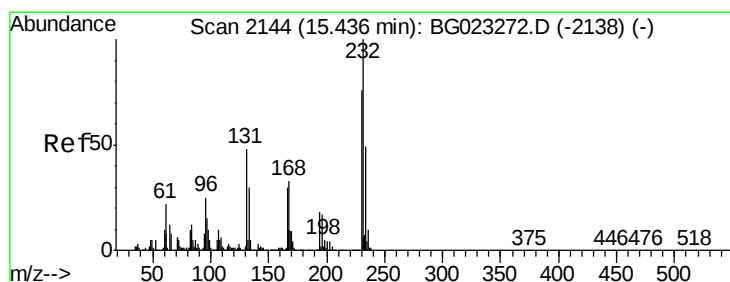
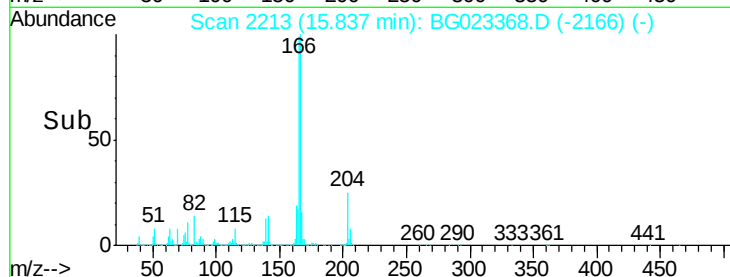
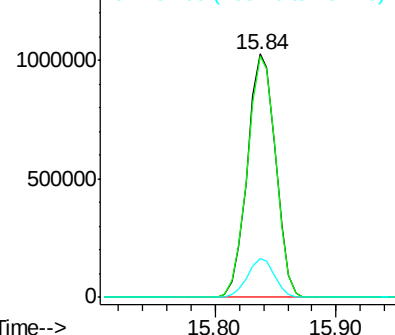
167 15.8 12.0 18.0

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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: 48.72 ng

RT: 15.41 min Scan# 2141

Delta R.T. -0.02 min

Lab File: BG023368.D

Acq: 31 Jul 2016 14:55

Tgt Ion:232 Resp: 509780

Ion Ratio Lower Upper

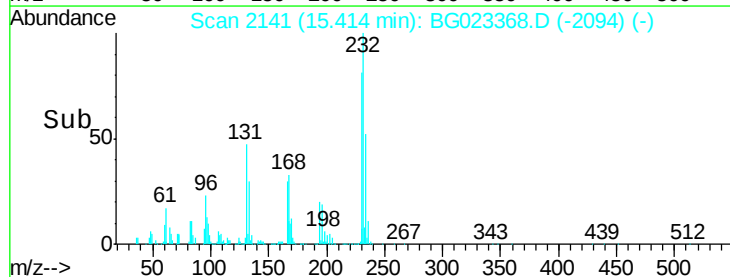
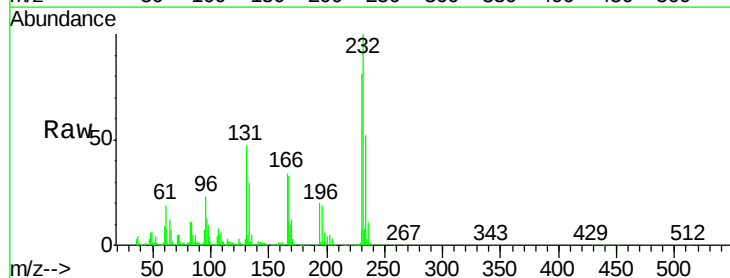
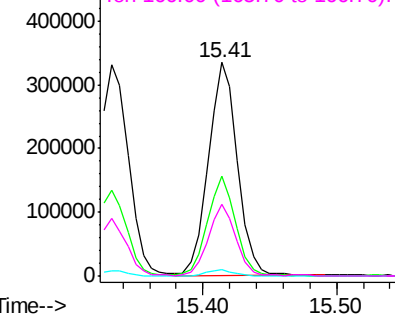
232 100

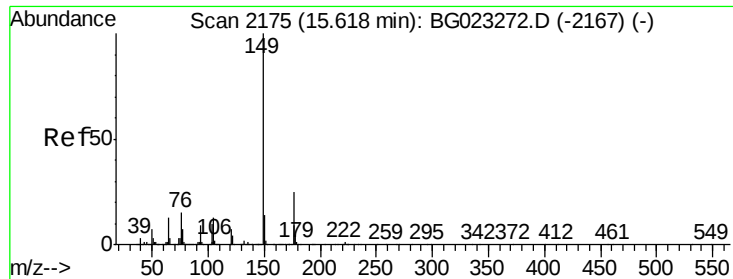
131 45.5 32.7 49.1

130 2.8 2.6 3.8

166 31.9 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





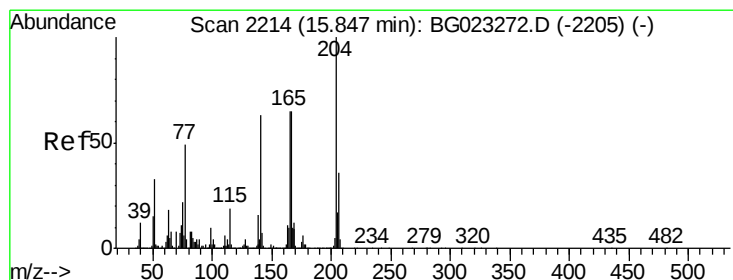
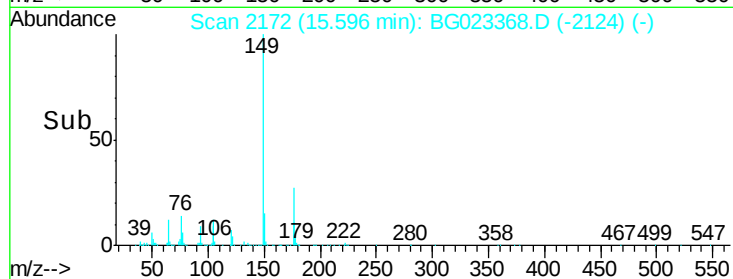
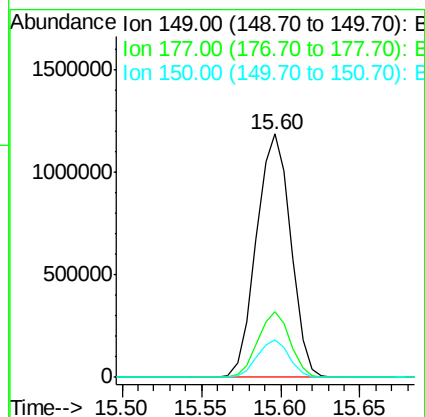
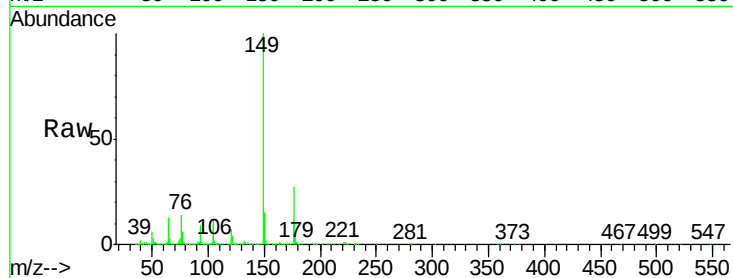
#59
Diethylphthalate
Concen: 38.58 ng
RT: 15.60 min Scan# 2172
Delta R.T. -0.02 min
Lab File: BG023368.D
Acq: 31 Jul 2016 14:55

Instrument :
BNA_G
ClientSampleId :
PB92481BS

Tgt Ion	Ratio	Lower	Upper
149	100		
177	26.9	19.2	28.8
150	15.4	10.6	16.0

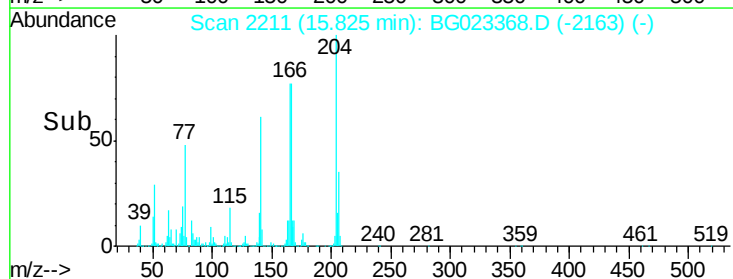
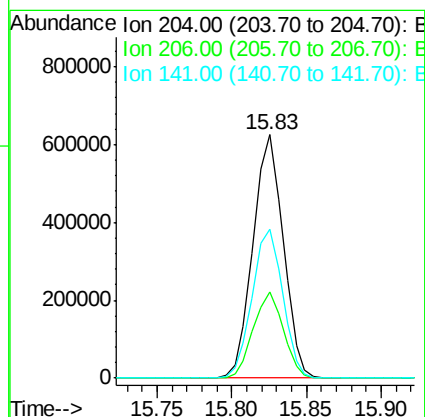
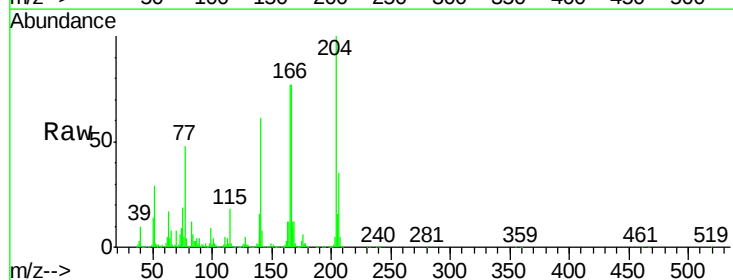
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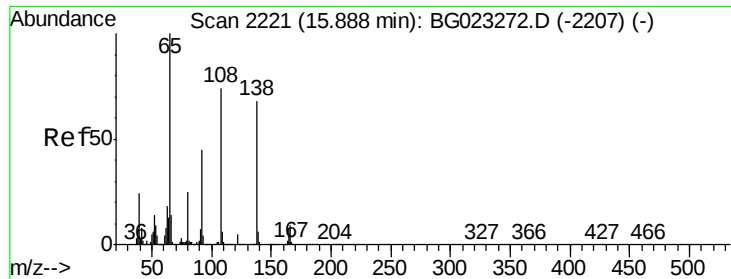
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#60
4-Chlorophenyl-phenylether
Concen: 37.98 ng
RT: 15.83 min Scan# 2211
Delta R.T. -0.02 min
Lab File: BG023368.D
Acq: 31 Jul 2016 14:55

Tgt Ion	Ratio	Lower	Upper
204	100		
206	35.2	28.5	42.7
141	61.3	51.4	77.0





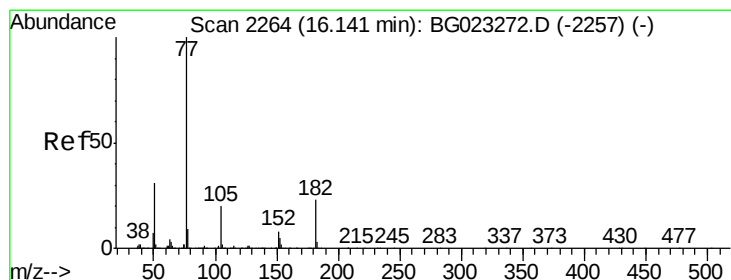
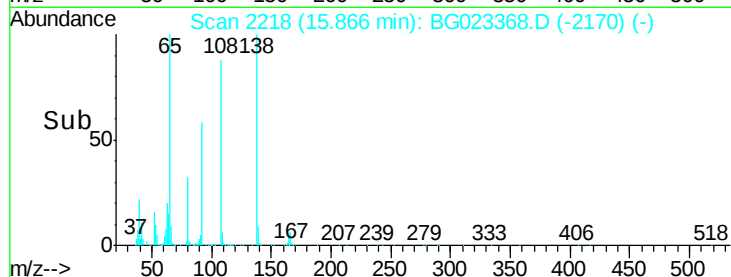
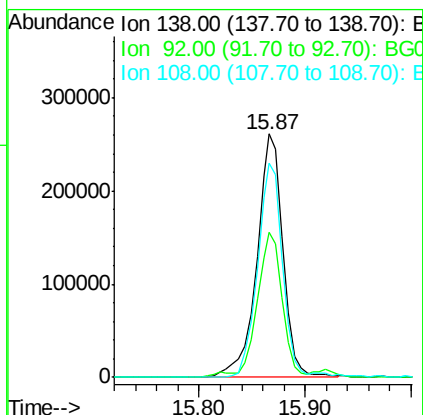
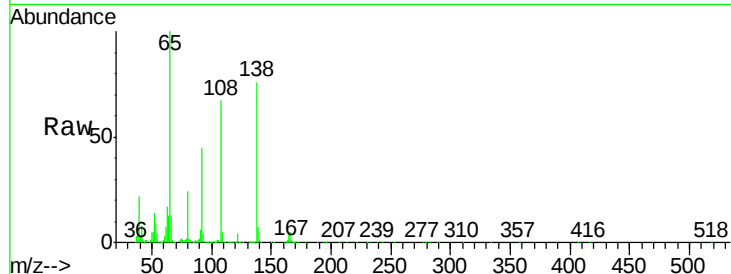
#61
4-Nitroaniline
Concen: 40.14 ng
RT: 15.87 min Scan# 2218
Delta R.T. -0.02 min
Lab File: BG023368.D
Acq: 31 Jul 2016 14:55

Instrument :
BNA_G
ClientSampleId :
PB92481BS

Tgt Ion	Ratio	Lower	Upper
138	100		
92	59.5	54.1	94.1
108	88.2	133.9	173.9#

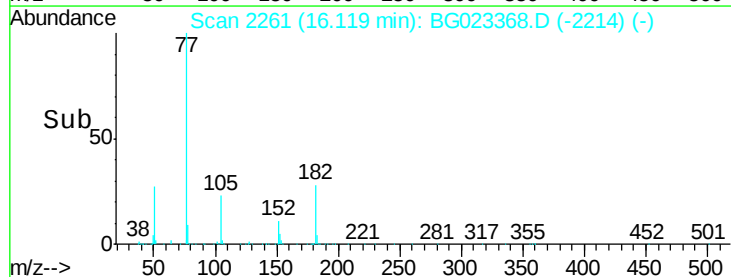
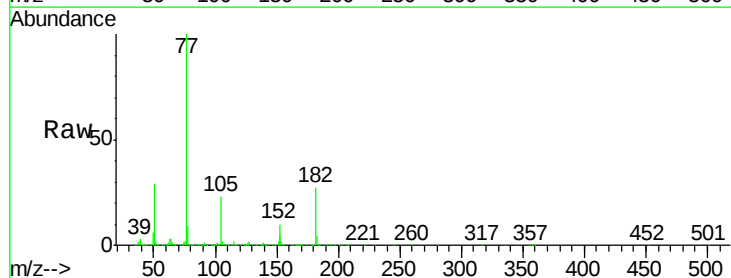
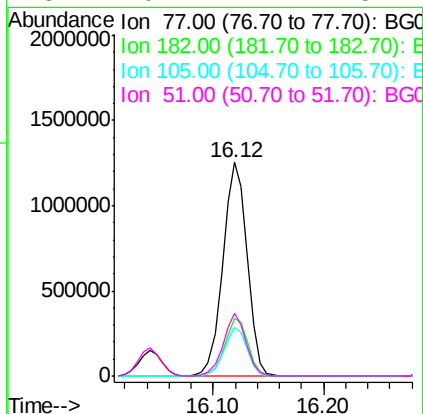
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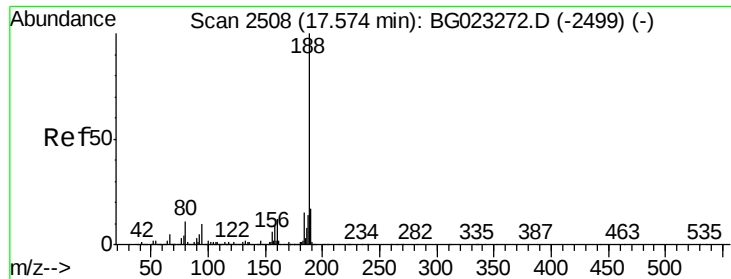
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#62
Azobenzene
Concen: 39.90 ng
RT: 16.12 min Scan# 2261
Delta R.T. -0.02 min
Lab File: BG023368.D
Acq: 31 Jul 2016 14:55

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.0	3.5	43.5
105	22.7	0.0	38.5
51	29.1	17.1	57.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.55 min Scan# 2504

Delta R.T. -0.02 min

Lab File: BG023368.D

Acq: 31 Jul 2016 14:55

Instrument :

BNA_G

ClientSampleId :

PB92481BS

Tgt Ion:188 Resp: 1454496

Ion Ratio Lower Upper

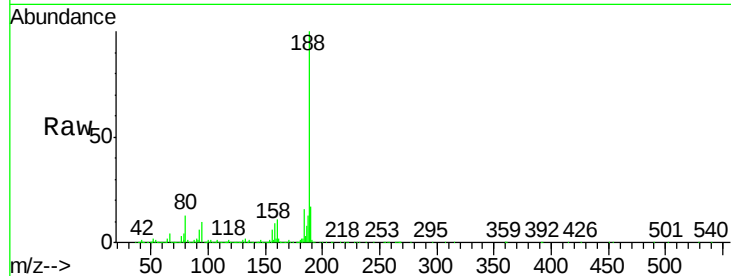
188 100

94 10.5 5.2 7.8#

80 13.3 7.2 10.8#

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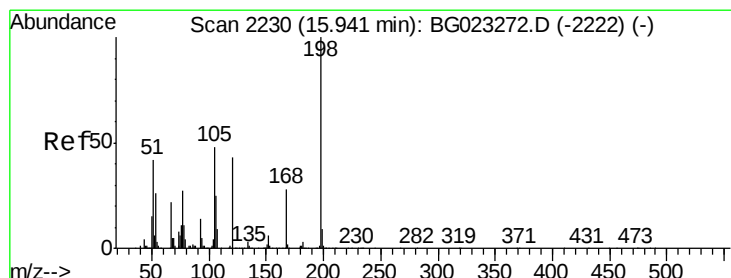
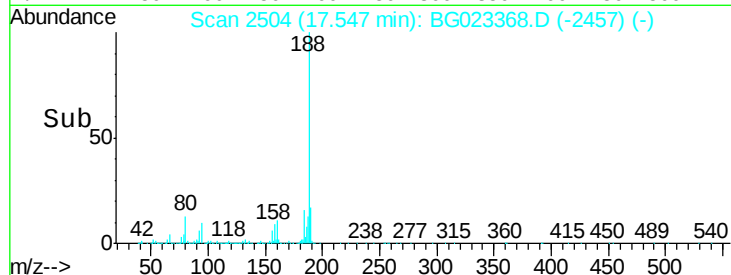
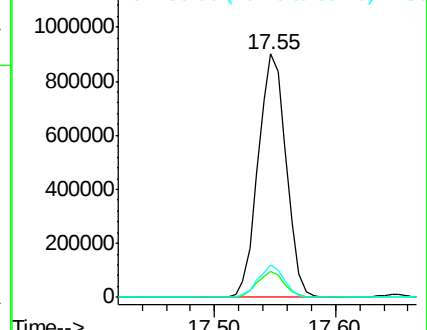
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#64

4,6-Dinitro-2-methylphenol

Concen: 40.23 ng

RT: 15.92 min Scan# 2227

Delta R.T. -0.02 min

Lab File: BG023368.D

Acq: 31 Jul 2016 14:55

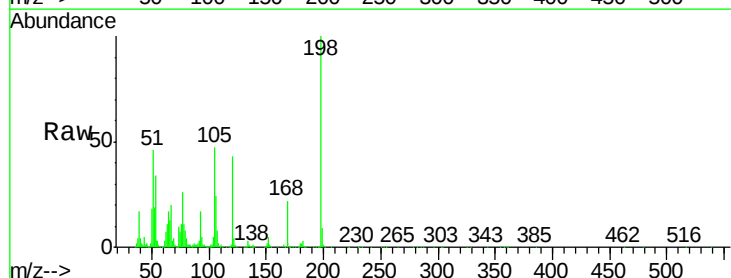
Tgt Ion:198 Resp: 375813

Ion Ratio Lower Upper

198 100

51 46.0 26.0 66.0

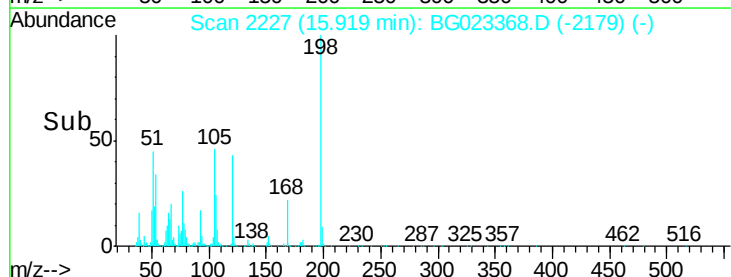
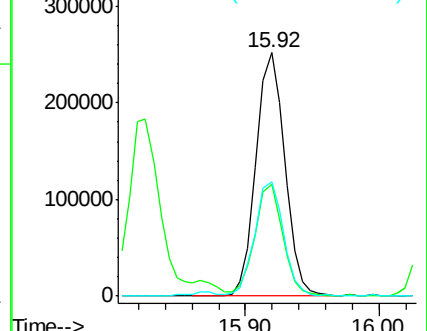
105 46.9 20.1 60.1

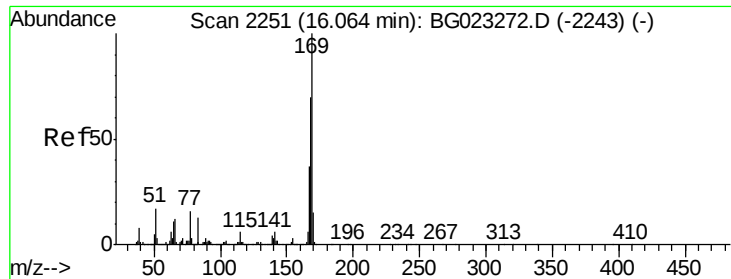


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 40.20 ng

RT: 16.04 min Scan# 2248

Delta R.T. -0.02 min

Lab File: BG023368.D

Acq: 31 Jul 2016 14:55

Instrument :

BNA_G

ClientSampled :

PB92481BS

Tgt Ion:169 Resp: 1561099

Ion Ratio Lower Upper

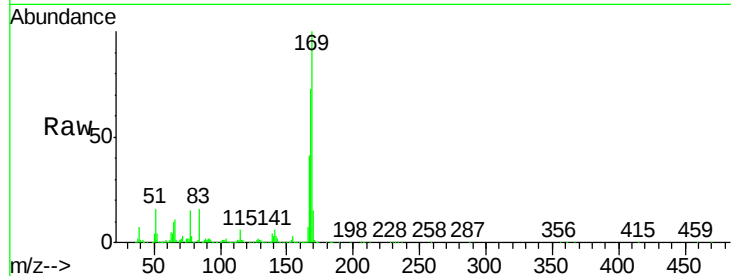
169 100

168 73.1 55.0 82.4

167 41.4 27.4 41.0#

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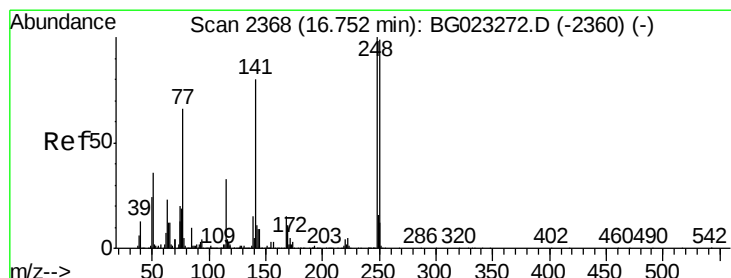
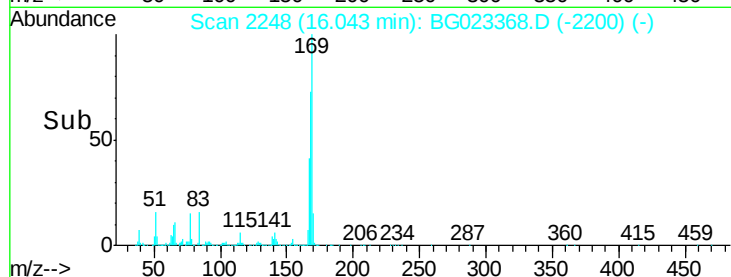
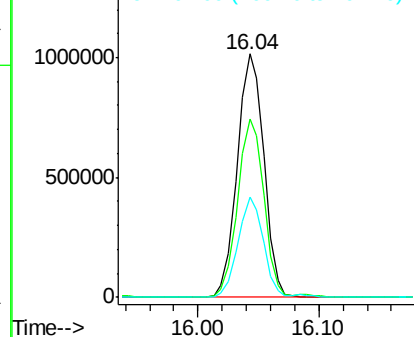
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 42.66 ng

RT: 16.72 min Scan# 2364

Delta R.T. -0.02 min

Lab File: BG023368.D

Acq: 31 Jul 2016 14:55

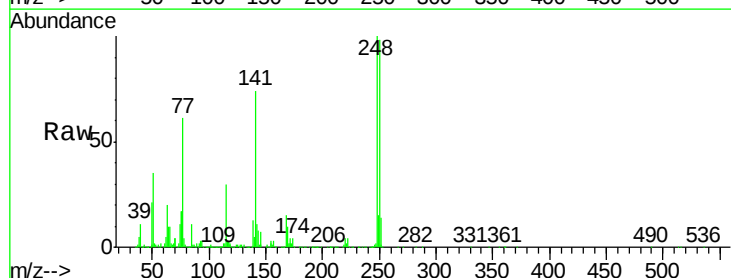
Tgt Ion:248 Resp: 627430

Ion Ratio Lower Upper

248 100

250 98.2 77.8 116.8

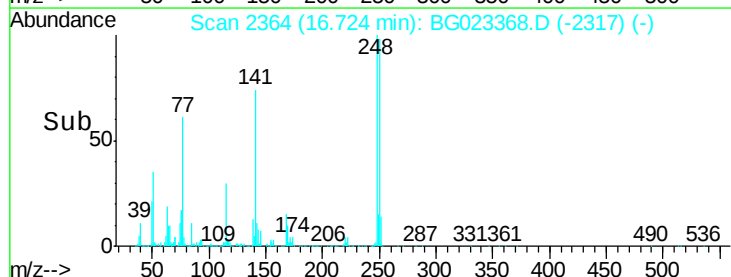
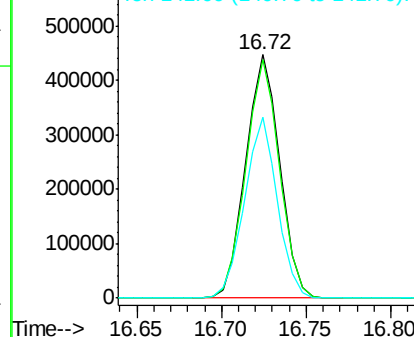
141 74.4 65.7 98.5

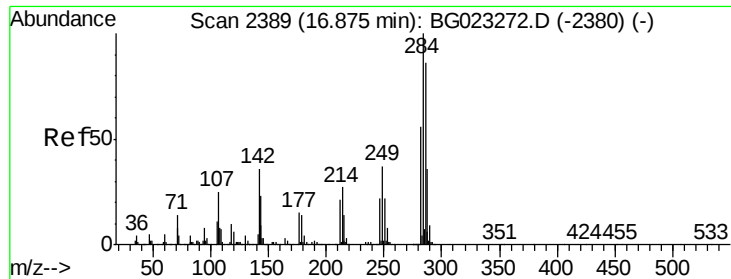


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 43.63 ng

RT: 16.85 min Scan# 2385

Delta R.T. -0.02 min

Lab File: BG023368.D

Acq: 31 Jul 2016 14:55

Instrument :

BNA_G

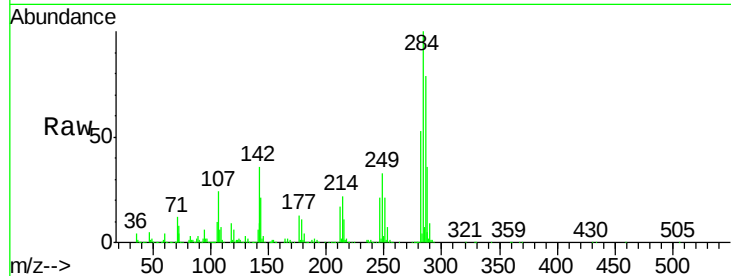
ClientSampled :

PB92481BS

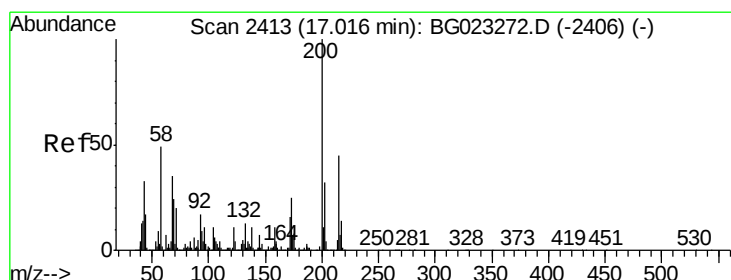
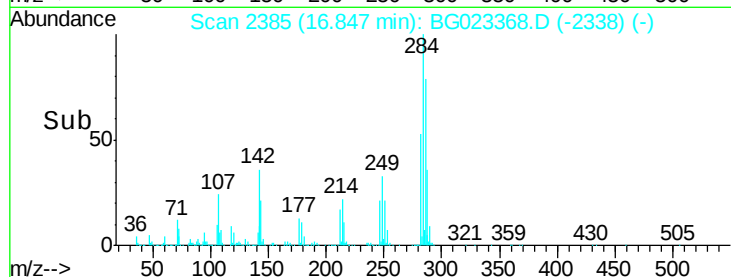
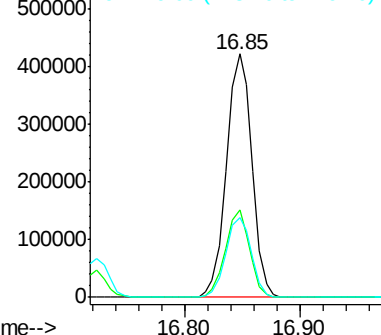
Tgt Ion:	284	Resp:	645130
Ion Ratio	Lower	Upper	
284	100		
142	36.0	26.8	40.2
249	32.9	28.9	43.3

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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 41.21 ng

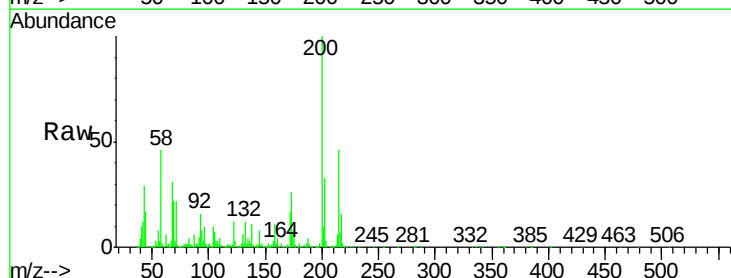
RT: 16.99 min Scan# 2410

Delta R.T. -0.02 min

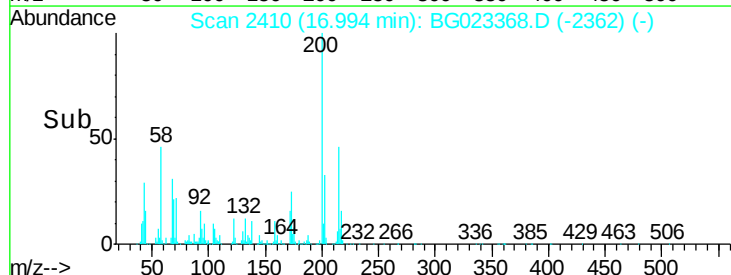
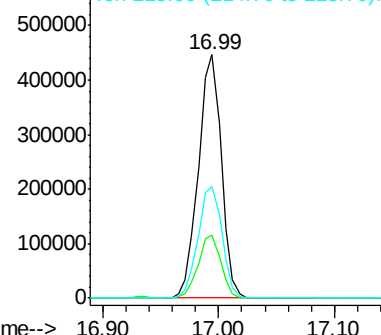
Lab File: BG023368.D

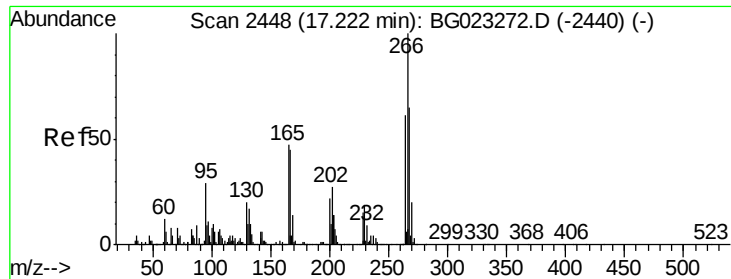
Acq: 31 Jul 2016 14:55

Tgt Ion:	200	Resp:	613781
Ion Ratio	Lower	Upper	
200	100		
173	25.8	1.6	41.6
215	46.1	28.7	68.7



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





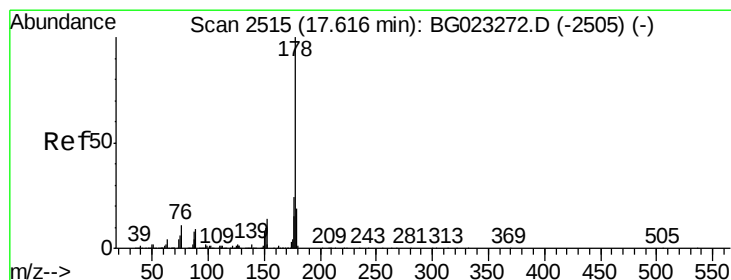
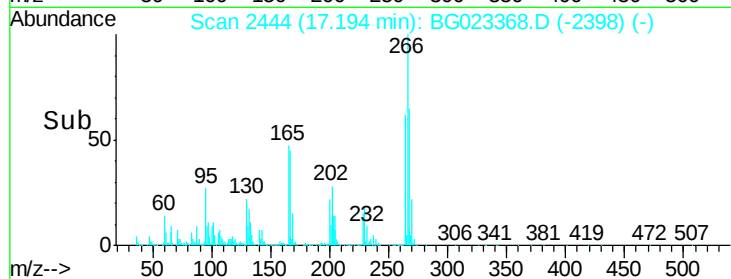
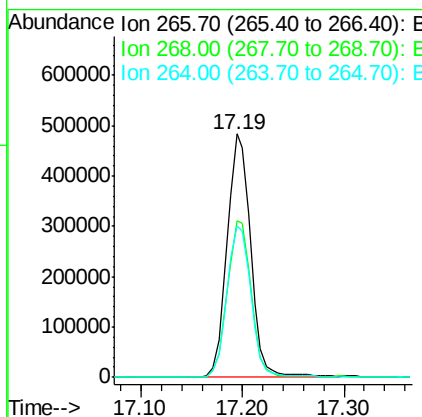
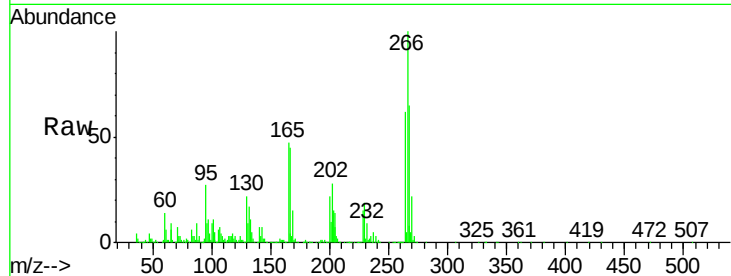
#69
 Pentachlorophenol
 Concen: 85.66 ng
 RT: 17.19 min Scan# 2444
 Delta R.T. -0.03 min
 Lab File: BG023368.D
 Acq: 31 Jul 2016 14:55

Instrument :
 BNA_G
 ClientSampleId :
 PB92481BS

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.5	51.9	77.9
264	62.3	50.6	75.8

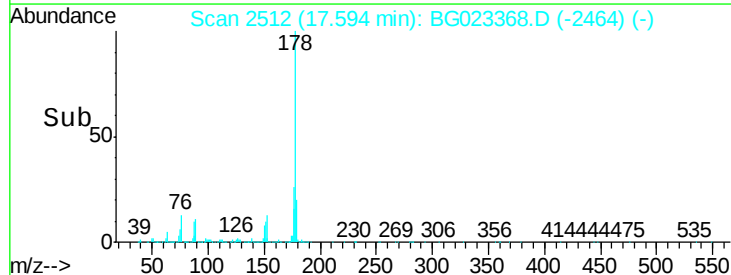
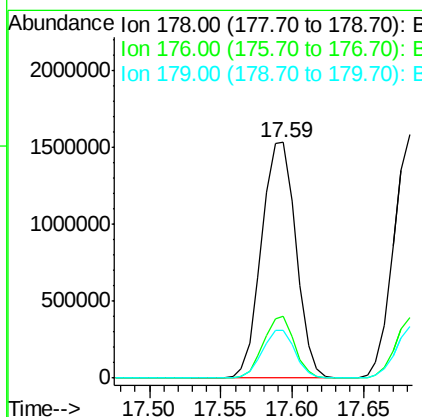
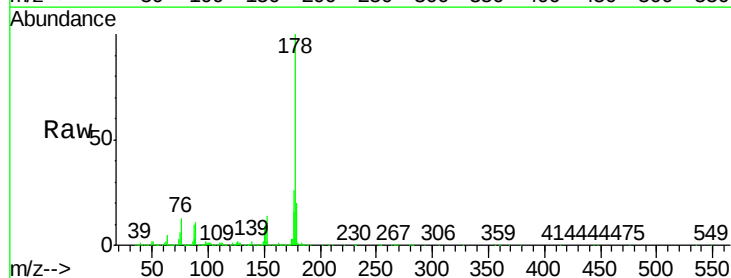
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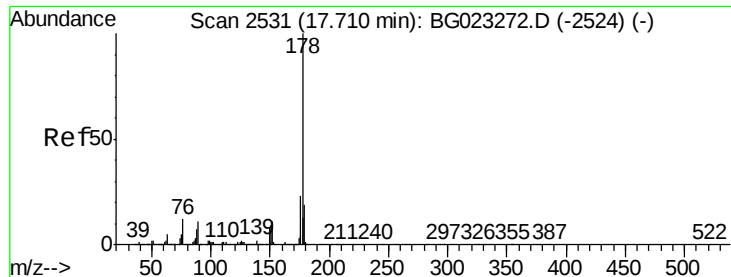
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#70
 Phenanthrene
 Concen: 40.18 ng m
 RT: 17.59 min Scan# 2512
 Delta R.T. -0.02 min
 Lab File: BG023368.D
 Acq: 31 Jul 2016 14:55

Tgt Ion	Ratio	Lower	Upper
178	100		
176	26.2	16.8	25.2#
179	20.2	14.3	21.5





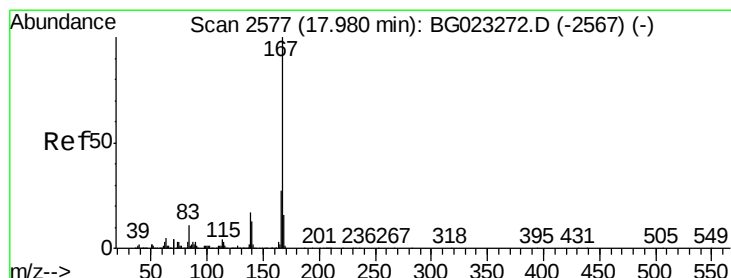
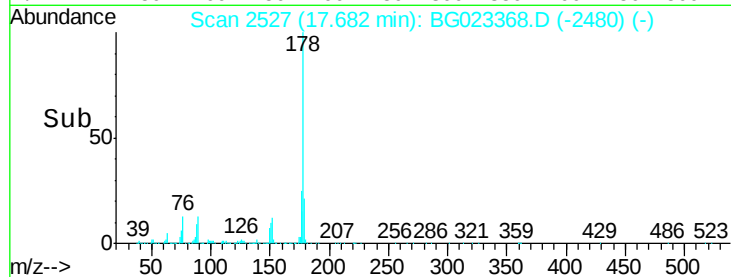
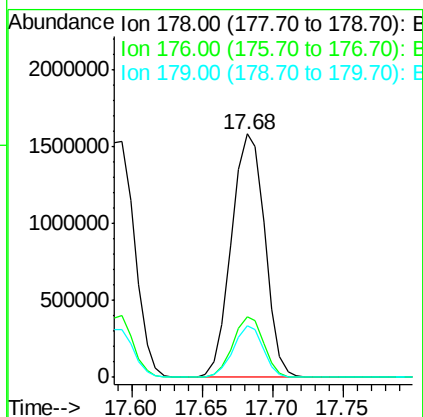
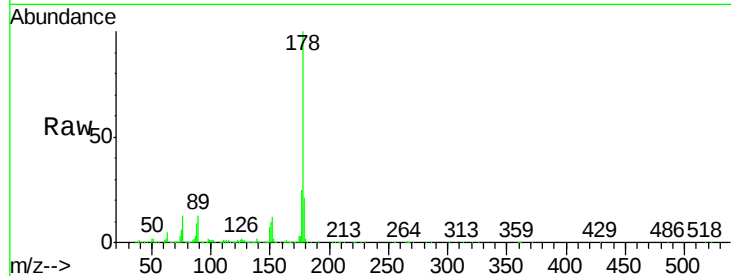
#71
 Anthracene
 Concen: 40.62 ng
 RT: 17.68 min Scan# 2527
 Delta R.T. -0.02 min
 Lab File: BG023368.D
 Acq: 31 Jul 2016 14:55

Instrument :
 BNA_G
 ClientSampleId :
 PB92481BS

Tgt Ion:178 Resp: 2610804
 Ion Ratio Lower Upper
 178 100
 176 25.0 17.3 25.9
 179 21.2 14.0 21.0#

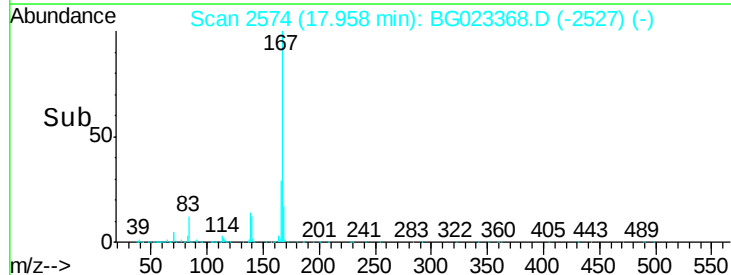
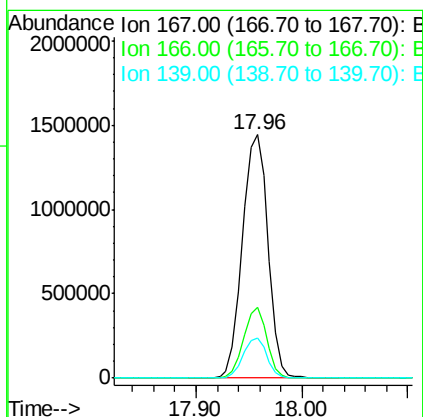
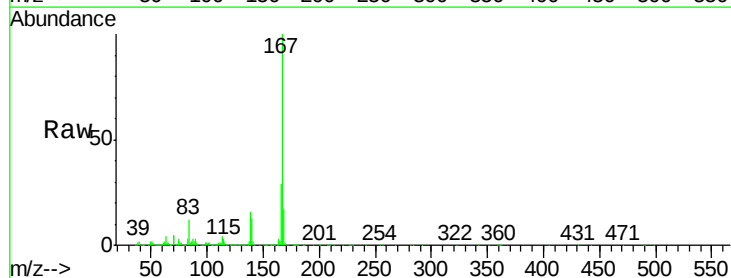
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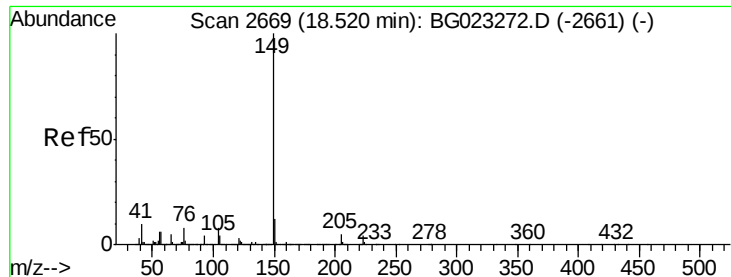
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#72
 Carbazole
 Concen: 41.14 ng
 RT: 17.96 min Scan# 2574
 Delta R.T. -0.02 min
 Lab File: BG023368.D
 Acq: 31 Jul 2016 14:55

Tgt Ion:167 Resp: 2422386
 Ion Ratio Lower Upper
 167 100
 166 29.1 20.7 31.1
 139 16.3 11.9 17.9





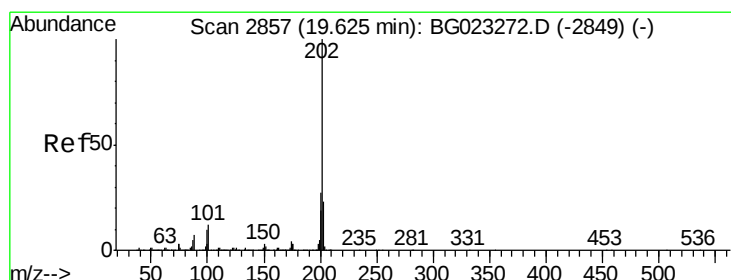
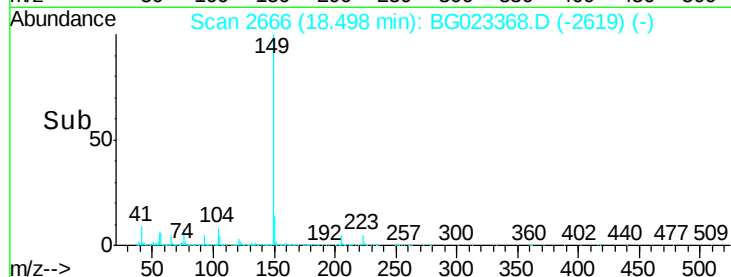
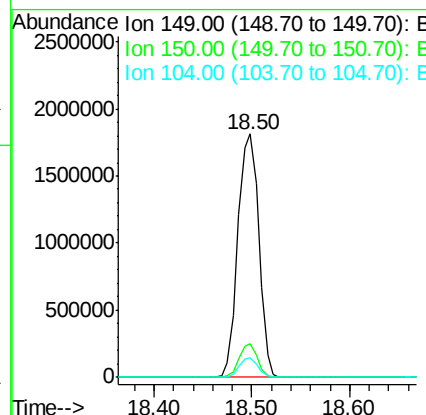
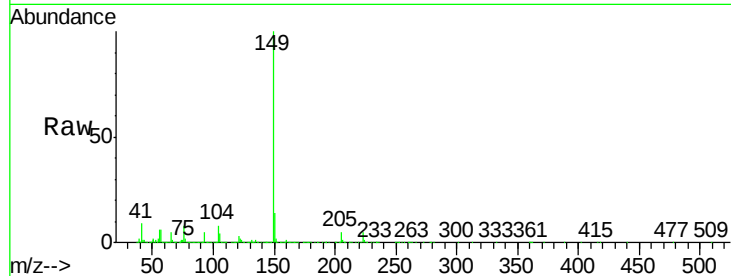
#73
Di-n-butylphthalate
Concen: 41.09 ng
RT: 18.50 min Scan# 2666
Delta R.T. -0.02 min
Lab File: BG023368.D
Acq: 31 Jul 2016 14:55

Instrument :
BNA_G
ClientSampleId :
PB92481BS

Tgt Ion	Ratio	Lower	Upper
149	100		
150	13.7	9.1	13.7#
104	8.0	6.9	10.3

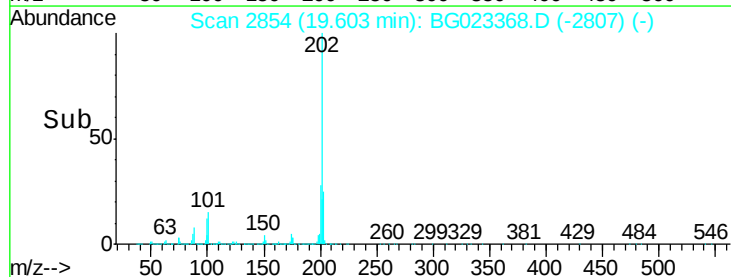
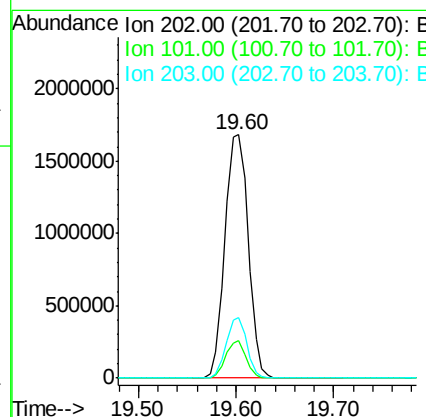
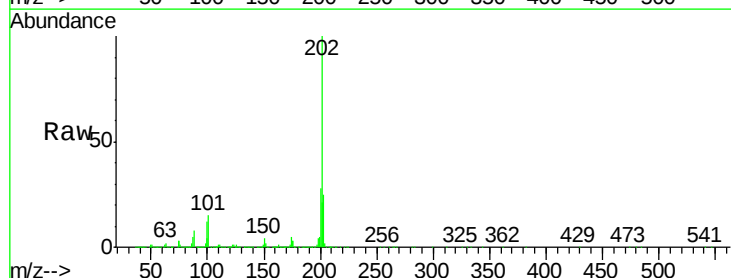
Manual Integrations
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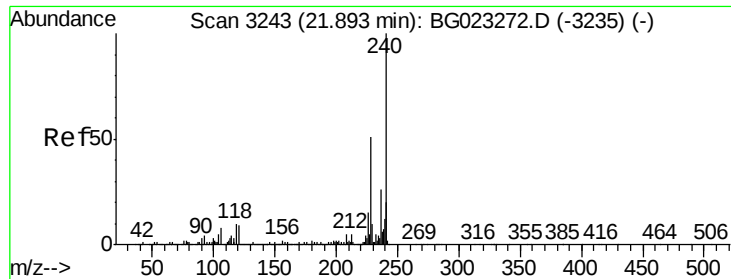
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#74
Fluoranthene
Concen: 38.30 ng
RT: 19.60 min Scan# 2854
Delta R.T. -0.02 min
Lab File: BG023368.D
Acq: 31 Jul 2016 14:55

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.2	0.0	27.4
203	24.7	1.7	41.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.86 min Scan# 3239

Delta R.T. -0.02 min

Lab File: BG023368.D

Acq: 31 Jul 2016 14:55

Instrument :

BNA_G

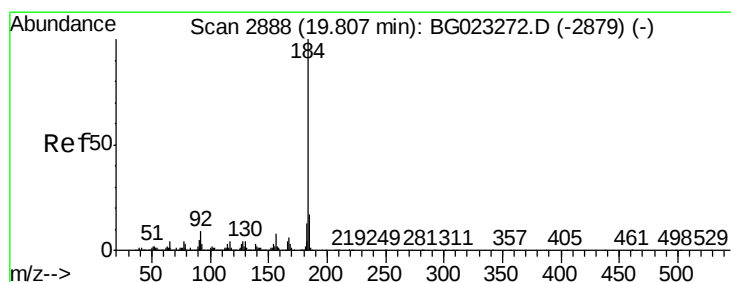
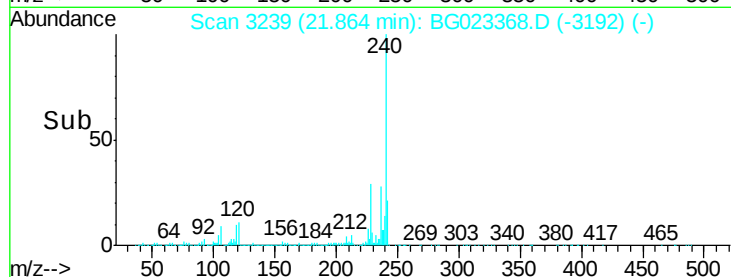
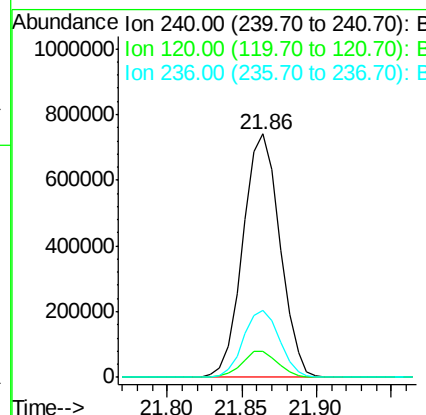
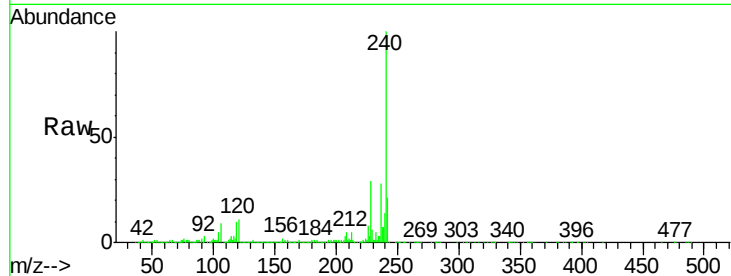
ClientSampleId :

PB92481BS

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.9	4.1	6.1#
236	27.5	21.1	31.7

Manual Integrations
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#76

Benzidine

Concen: 40.07 ng

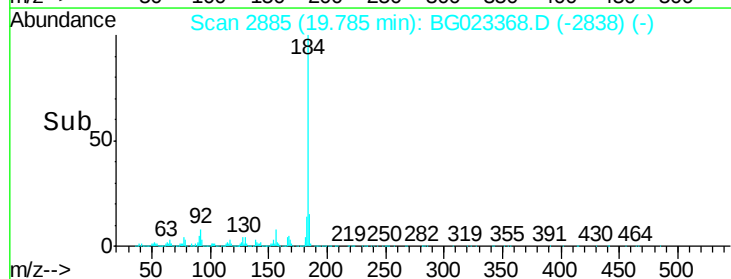
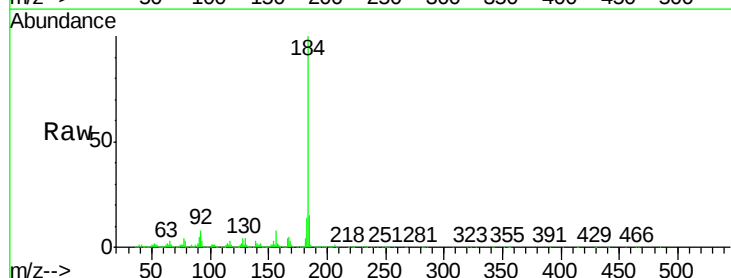
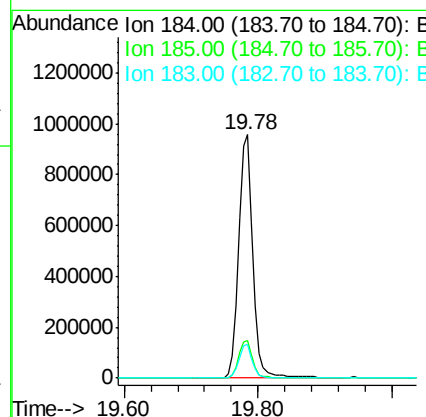
RT: 19.78 min Scan# 2885

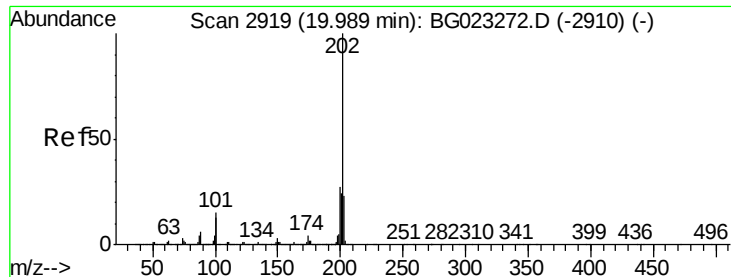
Delta R.T. -0.02 min

Lab File: BG023368.D

Acq: 31 Jul 2016 14:55

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.2	12.6	19.0
183	13.9	10.7	16.1





#77

Pyrene

Concen: 37.82 ng

RT: 19.97 min Scan# 2916

Delta R.T. -0.02 min

Lab File: BG023368.D

Acq: 31 Jul 2016 14:55

Instrument :

BNA_G

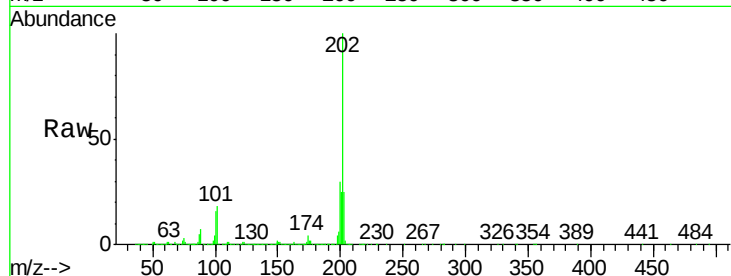
ClientSampleId :

PB92481BS

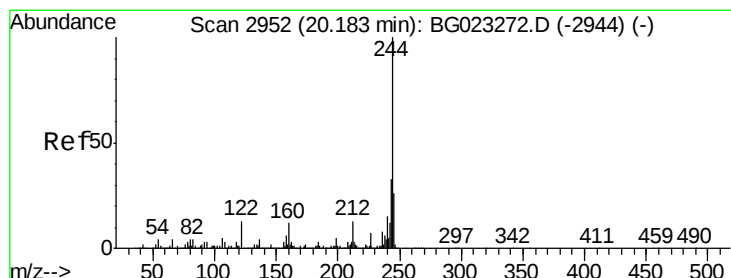
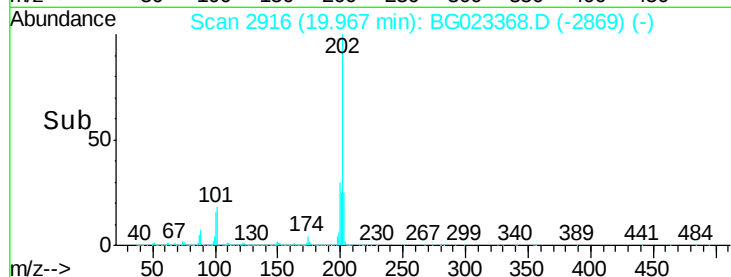
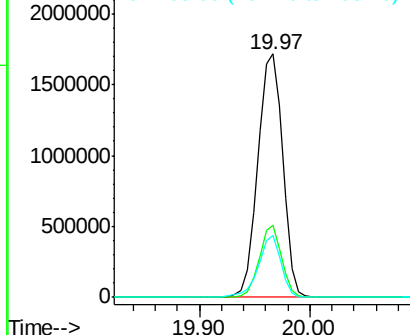
Tgt	Ion	Ratio	Lower	Upper
202	100			
200	29.9	21.2	31.8	
203	25.2	16.8	25.2	

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 78.15 ng

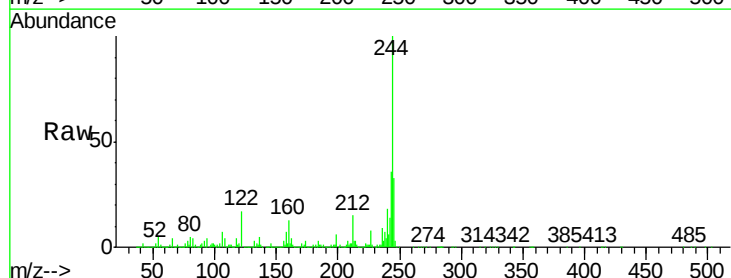
RT: 20.15 min Scan# 2948

Delta R.T. -0.02 min

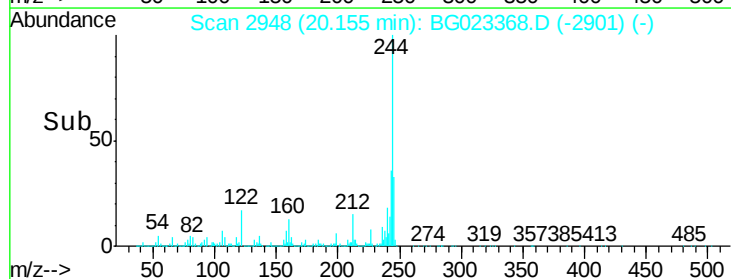
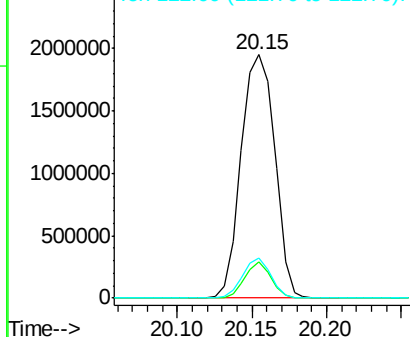
Lab File: BG023368.D

Acq: 31 Jul 2016 14:55

Tgt	Ion	Ratio	Lower	Upper
244	100			
212	14.7	10.8	16.2	
122	16.6	8.0	12.0	



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 38.17 ng

RT: 20.84 min Scan# 3065

Delta R.T. -0.02 min

Lab File: BG023368.D

Acq: 31 Jul 2016 14:55

Instrument :

BNA_G

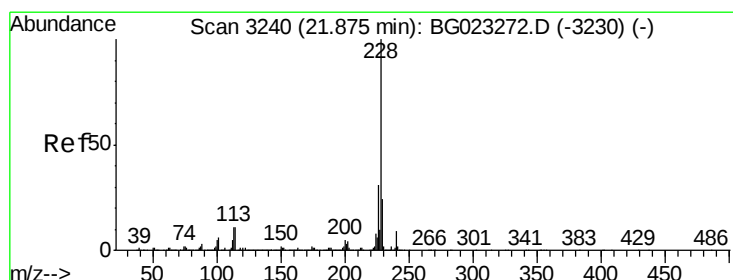
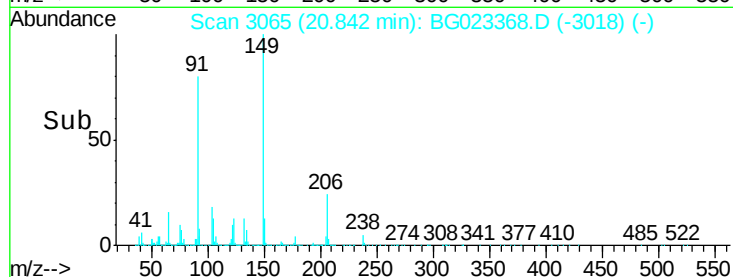
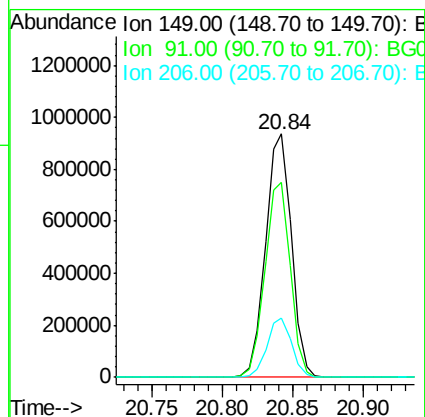
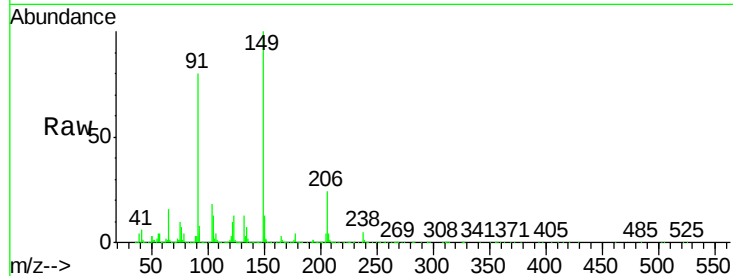
ClientSampleId :

PB92481BS

Tgt Ion:	149	Resp:	1209656
Ion Ratio	Lower	Upper	
149	100		
91	80.1	68.1	102.1
206	24.4	19.8	29.6

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#80

Benzo(a)anthracene

Concen: 38.22 ng

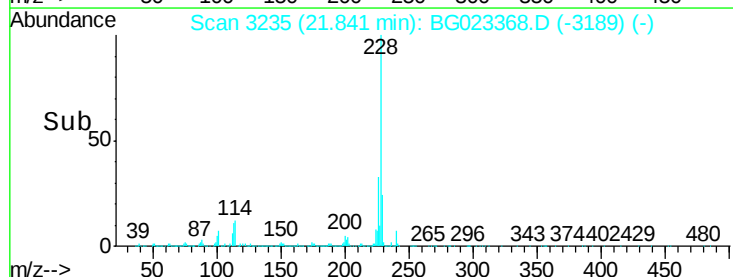
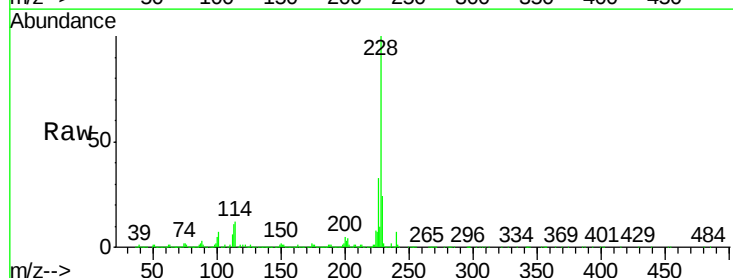
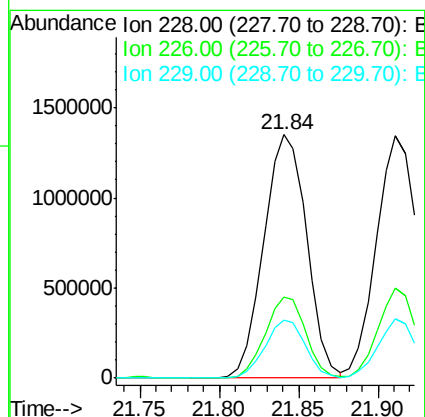
RT: 21.84 min Scan# 3235

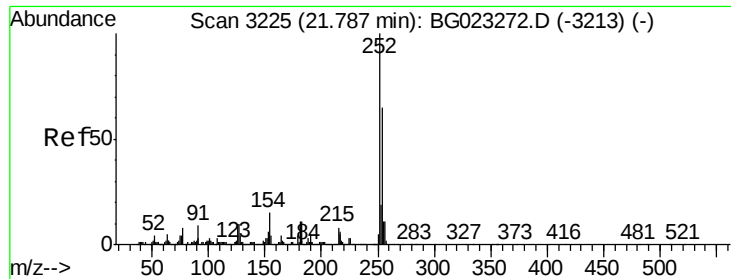
Delta R.T. -0.03 min

Lab File: BG023368.D

Acq: 31 Jul 2016 14:55

Tgt Ion:	228	Resp:	2539661
Ion Ratio	Lower	Upper	
228	100		
226	33.4	25.3	37.9
229	23.7	19.9	29.9





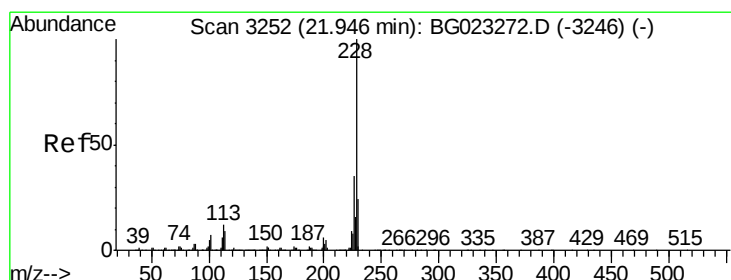
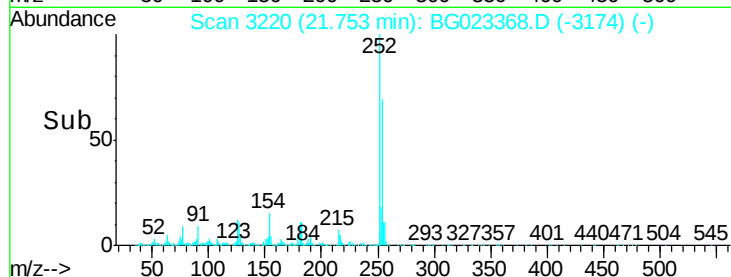
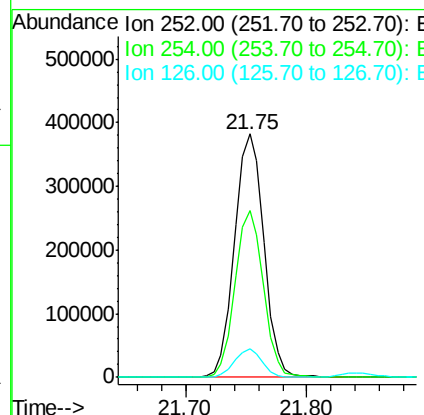
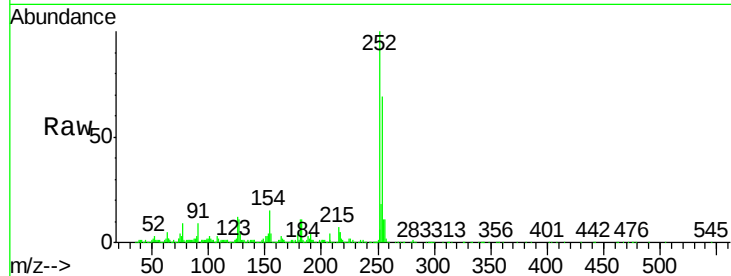
#81
 3,3'-Dichlorobenzidine
 Concen: 24.00 ng
 RT: 21.75 min Scan# 3220
 Delta R.T. -0.03 min
 Lab File: BG023368.D
 Acq: 31 Jul 2016 14:55

Instrument :
 BNA_G
 ClientSampleId :
 PB92481BS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	68.6	51.2	76.8
126	12.0	5.3	7.9

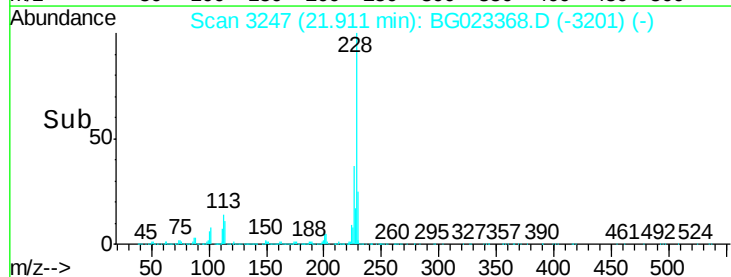
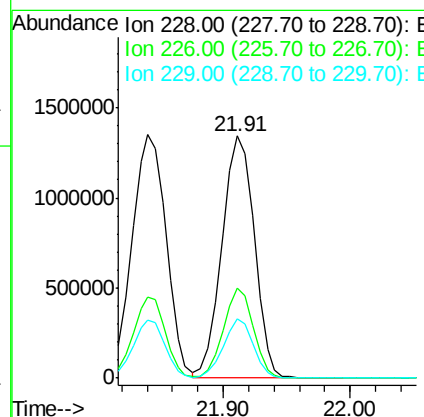
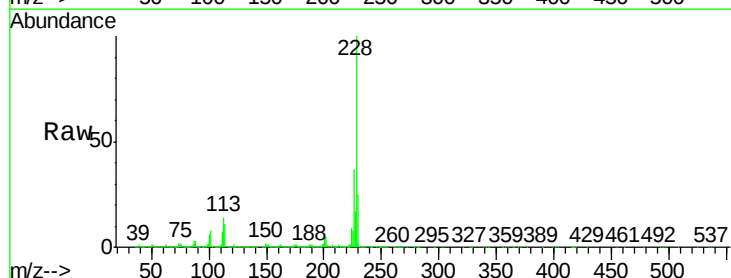
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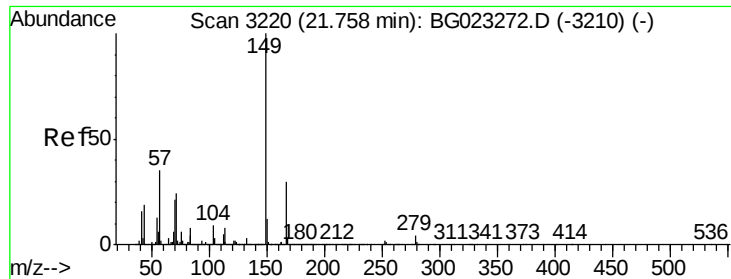
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#82
 Chrysene
 Concen: 37.03 ng
 RT: 21.91 min Scan# 3247
 Delta R.T. -0.03 min
 Lab File: BG023368.D
 Acq: 31 Jul 2016 14:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	37.3	26.7	40.1
229	24.7	17.4	26.2





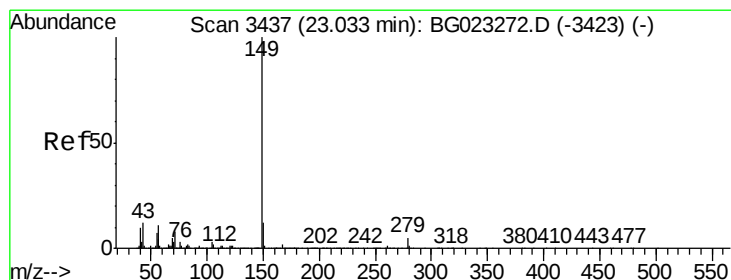
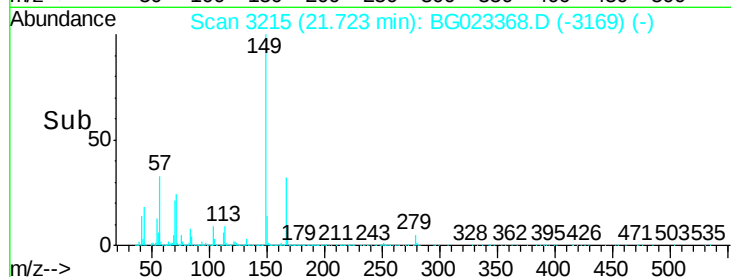
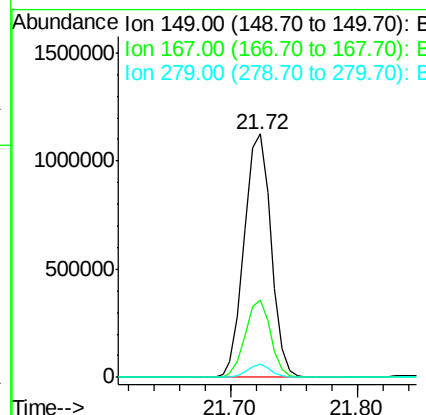
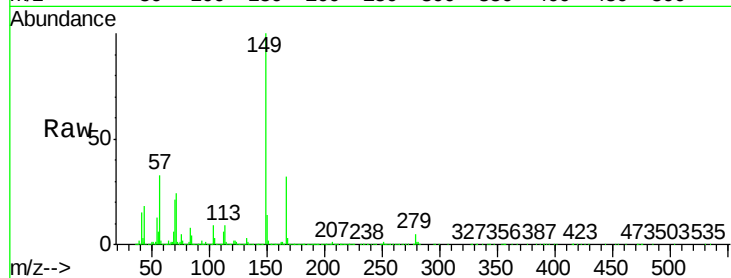
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.20 ng
 RT: 21.72 min Scan# 3215
 Delta R.T. -0.03 min
 Lab File: BG023368.D
 Acq: 31 Jul 2016 14:55

Instrument :
 BNA_G
 ClientSampleId :
 PB92481BS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.6	24.0	36.0
279	5.2	4.8	7.2

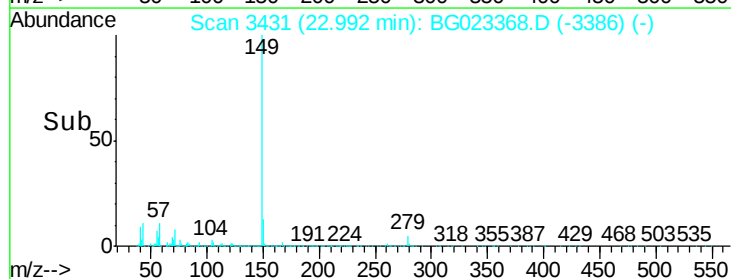
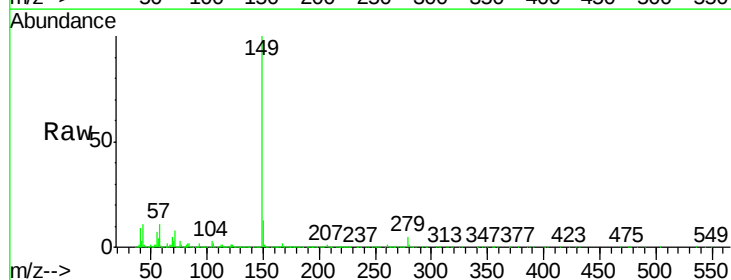
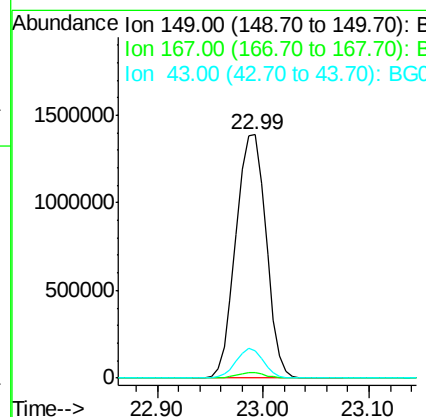
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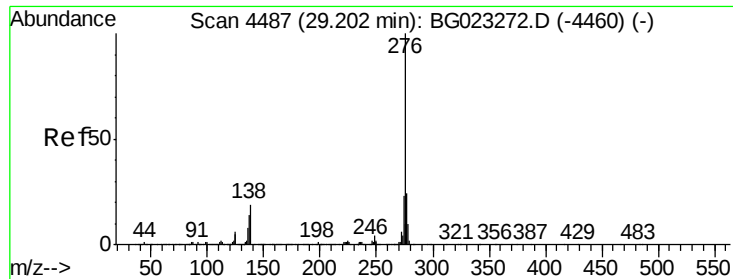
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#84
 Di-n-octyl phthalate
 Concen: 37.84 ng
 RT: 22.99 min Scan# 3431
 Delta R.T. -0.04 min
 Lab File: BG023368.D
 Acq: 31 Jul 2016 14:55

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.5	2.3
43	11.0	8.8	13.2





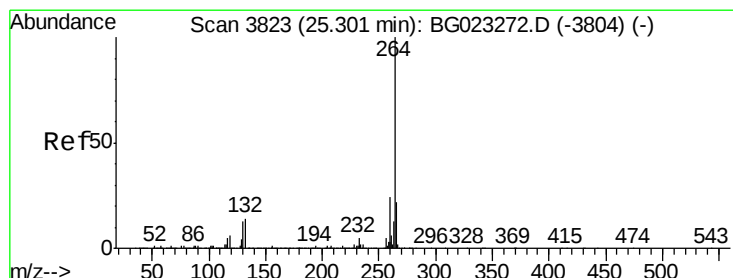
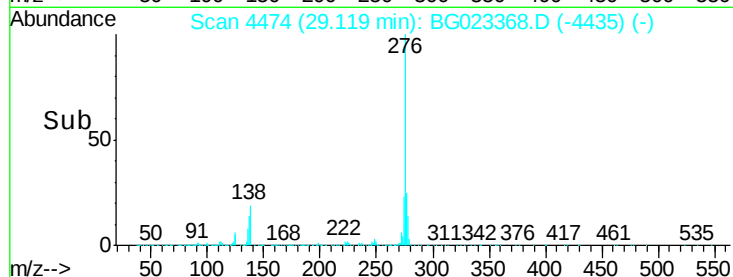
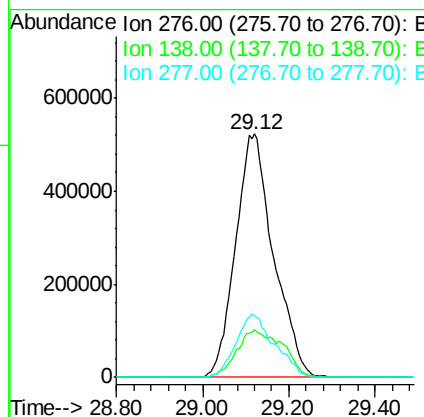
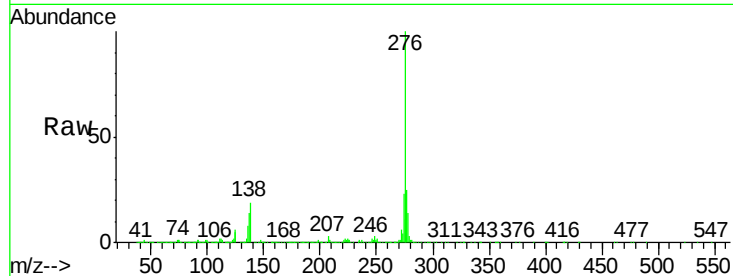
#85
Indeno(1,2,3-cd)pyrene
Concen: 43.09 ng
RT: 29.12 min Scan# 4474
Delta R.T. -0.07 min
Lab File: BG023368.D
Acq: 31 Jul 2016 14:55

Instrument :
BNA_G
ClientSampleId :
PB92481BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.5	0.0	0.0#
277	26.3	0.0	0.0#

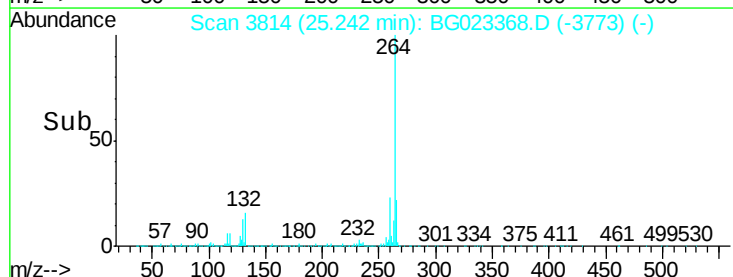
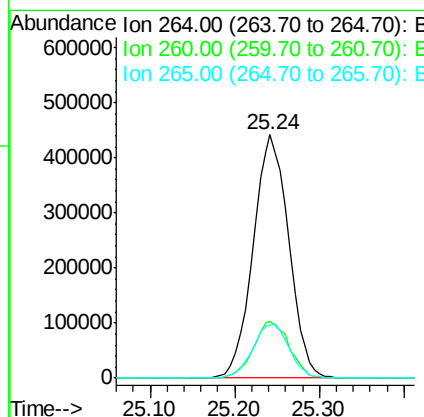
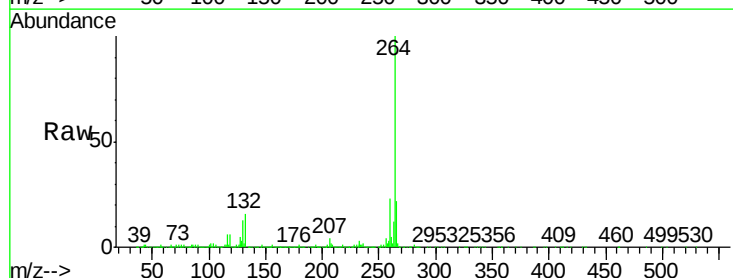
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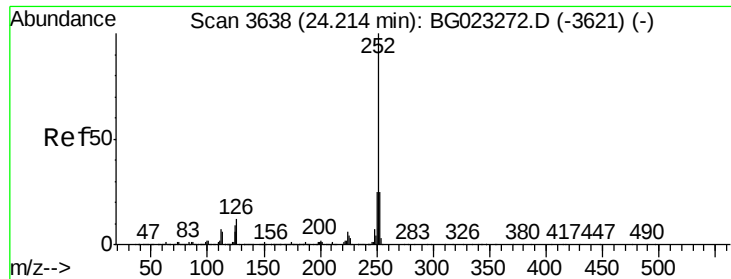
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#86
Perylene-d12
Concen: 20.00 ng
RT: 25.24 min Scan# 3814
Delta R.T. -0.06 min
Lab File: BG023368.D
Acq: 31 Jul 2016 14:55

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.4	27.6
265	21.8	18.9	28.3





#87

Benzo(b)fluoranthene

Concen: 40.02 ng

RT: 24.17 min Scan# 3631

Delta R.T. -0.04 min

Lab File: BG023368.D

Acq: 31 Jul 2016 14:55

Instrument :

BNA_G

ClientSampleId :

PB92481BS

Tgt Ion:252 Resp: 2747138

Ion Ratio Lower Upper

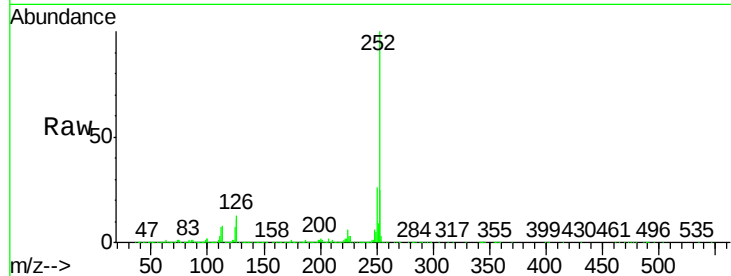
252 100

253 24.8 18.9 28.3

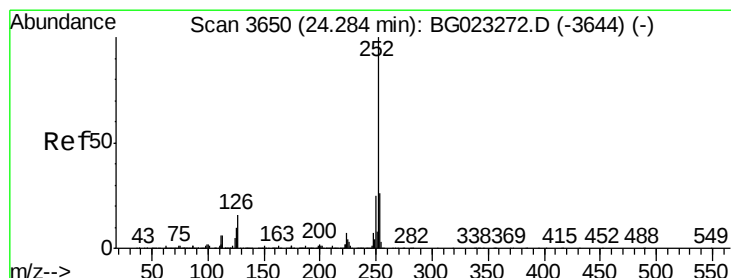
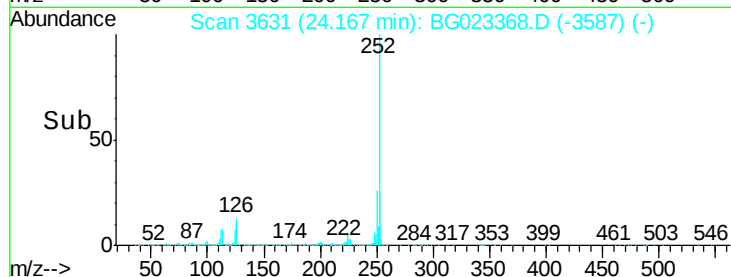
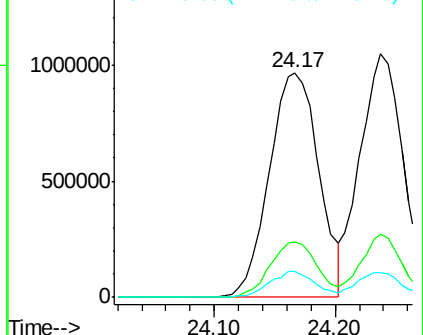
125 11.3 3.9 5.9#

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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: 37.76 ng

RT: 24.24 min Scan# 3643

Delta R.T. -0.05 min

Lab File: BG023368.D

Acq: 31 Jul 2016 14:55

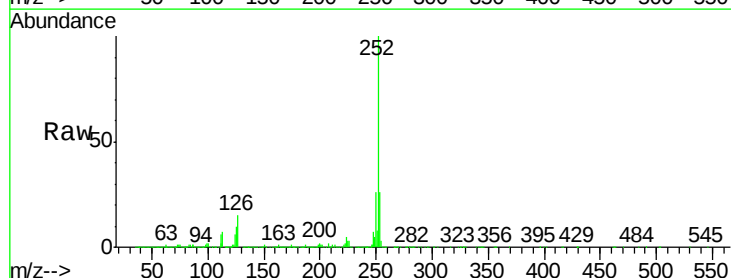
Tgt Ion:252 Resp: 2591244

Ion Ratio Lower Upper

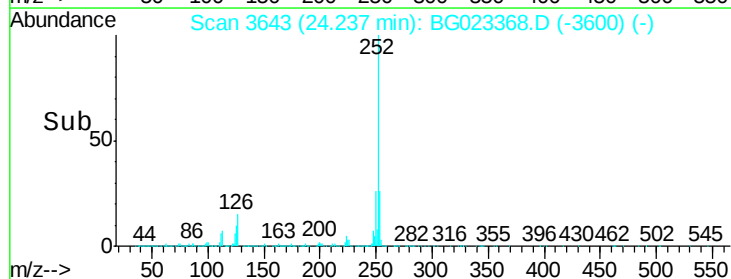
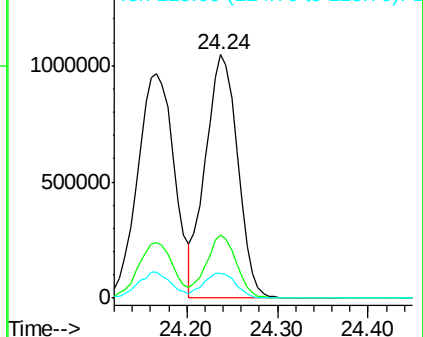
252 100

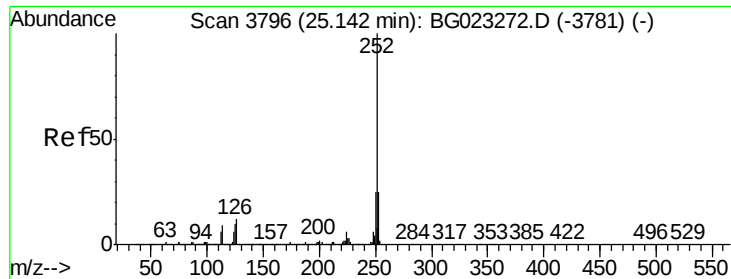
253 26.2 18.8 28.2

125 10.1 3.2 4.8#



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





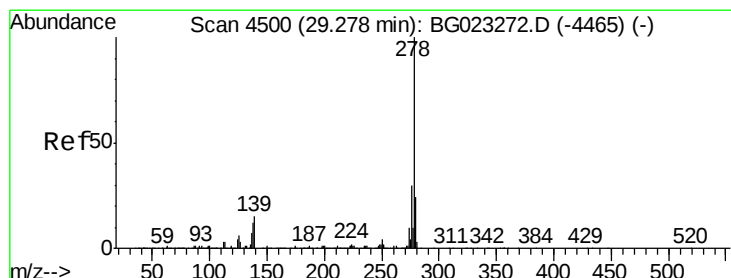
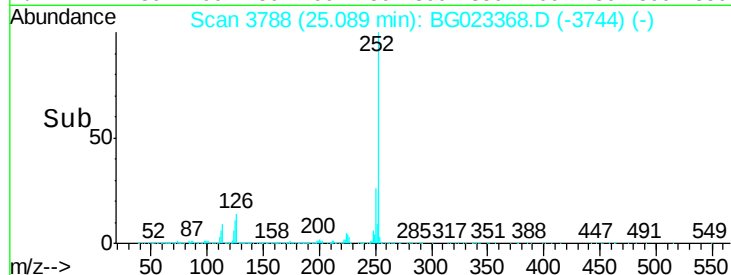
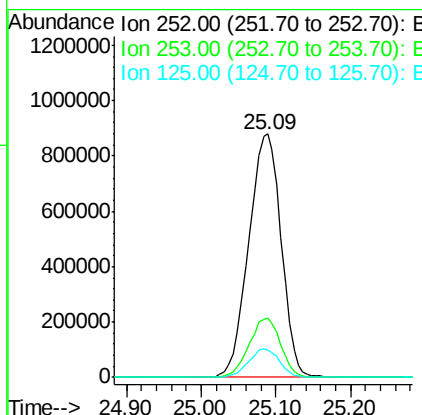
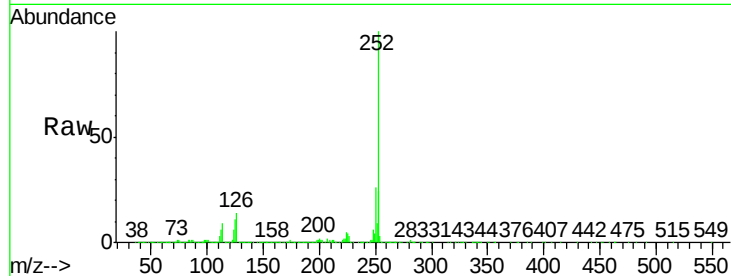
#89
Benzo(a)pyrene
Concen: 39.33 ng
RT: 25.09 min Scan# 3788
Delta R.T. -0.04 min
Lab File: BG023368.D
Acq: 31 Jul 2016 14:55

Instrument :
BNA_G
ClientSampleId :
PB92481BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.7	28.1
125	11.2	3.9	5.9

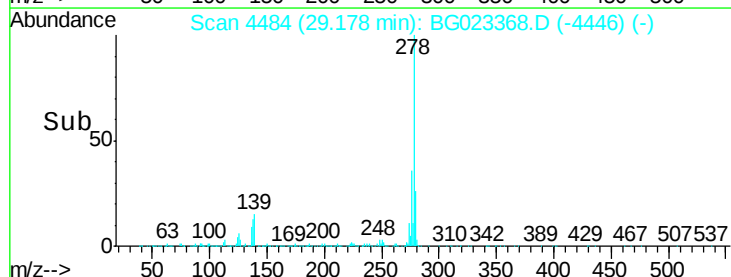
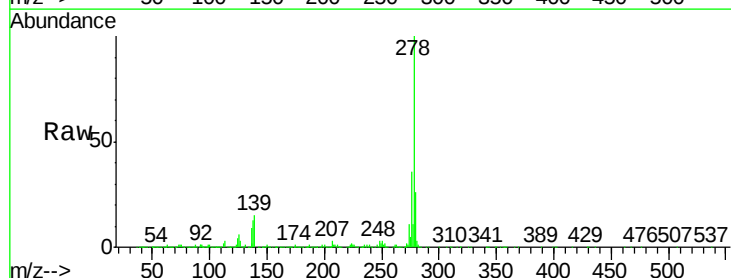
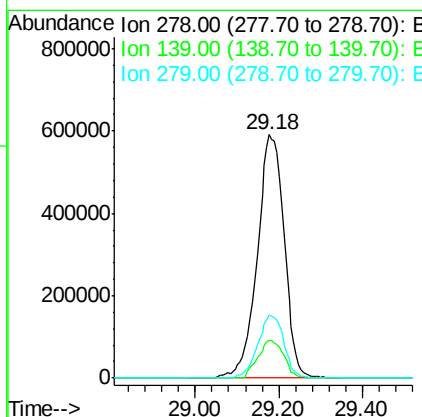
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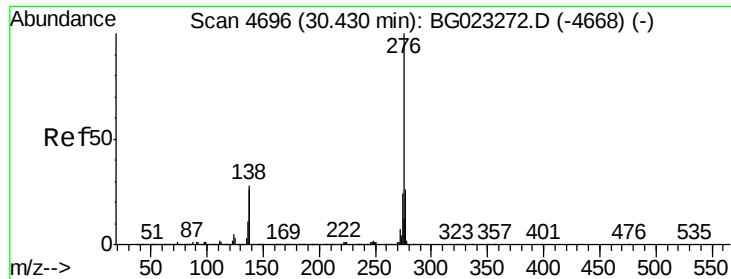
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#90
Dibenzo(a,h)anthracene
Concen: 41.76 ng
RT: 29.18 min Scan# 4484
Delta R.T. -0.08 min
Lab File: BG023368.D
Acq: 31 Jul 2016 14:55

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.3	4.7	7.1
279	25.8	18.3	27.5





#91
 Benzo(g,h,i)perylene
 Concen: 39.89 ng
 RT: 30.32 min Scan# 4679
 Delta R.T. -0.10 min
 Lab File: BG023368.D
 Acq: 31 Jul 2016 14:55

Instrument :
 BNA_G
 ClientSampleId :
 PB92481BS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.6	27.8
138	19.6	6.8	10.2

Manual Integrations
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