

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103116\
 Data File : BG024559.D
 Acq On : 31 Oct 2016 16:53
 Operator : UM/SJ
 Sample : PB94433BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB94433BS

Manual Integrations
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 11/1/2016 4:33:31 PM

Quant Time: Nov 01 12:09:36 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 01 11:50:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	120871	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	457891	20.00	ng	0.00
38) Acenaphthene-d10	14.89	164	341308	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	779061	20.00	ng	0.00
75) Chrysene-d12	21.93	240	1088080	20.00	ng	0.00
86) Perylene-d12	25.36	264	1158836	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.80	112	910750	123.50	ng	0.00
7) Phenol-d6	7.40	99	1272571	125.80	ng	0.00
23) Nitrobenzene-d5	9.45	82	870422	86.55	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	706027	138.46	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1769143	86.15	ng	0.00
78) Terphenyl-d14	20.21	244	3164943	86.92	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.67	88	86176	28.60	ng	93
3) Pyridine	4.08	79	280481	31.09	ng	91
4) n-Nitrosodimethylamine	3.99	42	177145	37.93	ng	# 80
6) Aniline	7.59	93	468370	36.55	ng	96
8) 2-Chlorophenol	7.83	128	310867	41.46	ng	92
9) Benzaldehyde	7.40	77	62711	10.03	ng	99
10) Phenol	7.43	94	457094	43.83	ng	97
11) bis(2-Chloroethyl)ether	7.68	93	331928	42.37	ng	93
12) 1,3-Dichlorobenzene	8.15	146	351900	37.91	ng	97
13) 1,4-Dichlorobenzene	8.31	146	363353	39.63	ng	98
14) 1,2-Dichlorobenzene	8.63	146	345003	39.14	ng	91
15) Benzyl Alcohol	8.50	79	377326	40.10	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.80	45	538078	37.02	ng	96
17) 2-Methylphenol	8.70	107	285903	41.38	ng	94
18) Hexachloroethane	9.36	117	143657	40.76	ng	98
19) n-Nitroso-di-n-propylamine	9.07	70	303391	40.69	ng	91
20) 3+4-Methylphenols	9.02	107	396535	42.74	ng	98
22) Acetophenone	9.09	105	511569	43.49	ng	91
24) Nitrobenzene	9.49	77	462450	41.33	ng	97
25) Isophorone	10.01	82	817914	43.72	ng	99
26) 2-Nitrophenol	10.21	139	180277	43.41	ng	91
27) 2,4-Dimethylphenol	10.24	122	334199	45.97	ng	95
28) bis(2-Chloroethoxy)methane	10.48	93	446110	46.09	ng	98
29) 2,4-Dichlorophenol	10.73	162	346774	45.45	ng	97
30) 1,2,4-Trichlorobenzene	10.95	180	385365	42.57	ng	91
31) Naphthalene	11.15	128	953451	41.74	ng	99
32) Benzoic acid	10.35	122	150696	24.89	ng	89
33) 4-Chloroaniline	11.25	127	194822	19.65	ng	# 94
34) Hexachlorobutadiene	11.42	225	307778	43.45	ng	97
35) Caprolactam	12.02	113	119540m	42.79	ng	
36) 4-Chloro-3-methylphenol	12.34	107	408954	44.40	ng	98
37) 2-Methylnaphthalene	12.73	142	709091	42.55	ng	97
39) 1,2,4,5-Tetrachlorobenzene	13.09	216	487395	42.34	ng	99
40) Hexachlorocyclopentadiene	13.06	237	721537	111.30	ng	97

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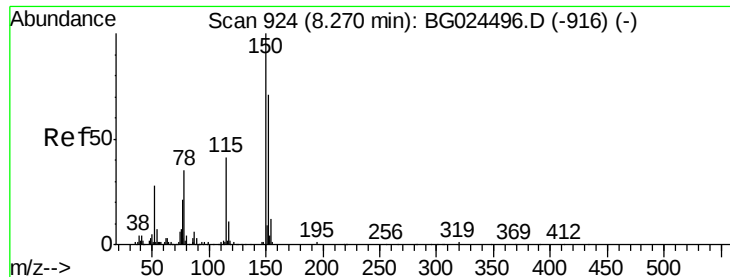
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Quant Time: Nov 01 12:09:36 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.33	196	312912	45.22	ng	98
43) 2,4,5-Trichlorophenol	13.40	196	331071	44.25	ng	94
45) 1,1'-Biphenyl	13.72	154	986747	41.66	ng	97
46) 2-Chloronaphthalene	13.77	162	786150	43.59	ng	97
47) 2-Nitroaniline	13.97	65	334570	45.31	ng	98
48) Acenaphthylene	14.61	152	1190048	43.03	ng	96
49) Dimethylphthalate	14.33	163	1076698	44.44	ng	99
50) 2,6-Dinitrotoluene	14.45	165	247711	47.89	ng	92
51) Acenaphthene	14.95	154	796469	38.63	ng	95
52) 3-Nitroaniline	14.79	138	180467	33.72	ng	96
53) 2,4-Dinitrophenol	14.99	184	311762	83.17	ng	98
54) Dibenzofuran	15.28	168	1272491	44.64	ng	99
55) 4-Nitrophenol	15.08	139	425960	91.34	ng	93
56) 2,4-Dinitrotoluene	15.24	165	365995	48.69	ng	# 93
57) Fluorene	15.93	166	1035185	43.79	ng	100
58) 2,3,4,6-Tetrachlorophenol	15.50	232	364876	47.04	ng	93
59) Diethylphthalate	15.68	149	1102237	43.39	ng	99
60) 4-Chlorophenyl-phenylether	15.91	204	590743	44.54	ng	97
61) 4-Nitroaniline	15.95	138	259822	44.43	ng	99
62) Azobenzene	16.20	77	1145575	45.22	ng	96
64) 4,6-Dinitro-2-methylphenol	16.00	198	241550	45.00	ng	96
65) n-Nitrosodiphenylamine	16.13	169	989313	46.45	ng	97
66) 4-Bromophenyl-phenylether	16.81	248	437731	46.28	ng	96
67) Hexachlorobenzene	16.93	284	480460	45.98	ng	# 87
68) Atrazine	17.06	200	444344	48.64	ng	97
69) Pentachlorophenol	17.27	266	623416	90.41	ng	96
70) Phenanthrene	17.67	178	1780106	44.83	ng	98
71) Anthracene	17.76	178	1842047	45.98	ng	98
72) Carbazole	18.03	167	1662919	45.51	ng	99
73) Di-n-butylphthalate	18.55	149	1931671	45.85	ng	96
74) Fluoranthene	19.66	202	2359052	46.99	ng	98
76) Benzidine	19.84	184	1474893	57.53	ng	99
77) Pyrene	20.03	202	2392088	44.97	ng	98
79) Butylbenzylphthalate	20.89	149	1012744	45.67	ng	99
80) Benzo(a)anthracene	21.90	228	2705622	45.26	ng	99
81) 3,3'-Dichlorobenzidine	21.81	252	718691	29.80	ng	99
82) Chrysene	21.97	228	2555640	44.89	ng	100
83) Bis(2-ethylhexyl)phthalate	21.76	149	1414552	44.59	ng	98
84) Di-n-octyl phthalate	23.04	149	2442510	46.40	ng	94
85) Indeno(1,2,3-cd)pyrene	29.30	276	3498180	44.52	ng	# 97
87) Benzo(b)fluoranthene	24.26	252	2899829	46.29	ng	99
88) Benzo(k)fluoranthene	24.34	252	2739180	45.28	ng	99
89) Benzo(a)pyrene	25.19	252	2784338	45.49	ng	100
90) Dibenzo(a,h)anthracene	29.37	278	2952690	43.95	ng	98
91) Benzo(g,h,i)perylene	30.55	276	2937863	43.77	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.27 min Scan# 925

Delta R.T. -0.00 min

Lab File: BG024559.D

Acq: 31 Oct 2016 16:53

Instrument :

BNA_G

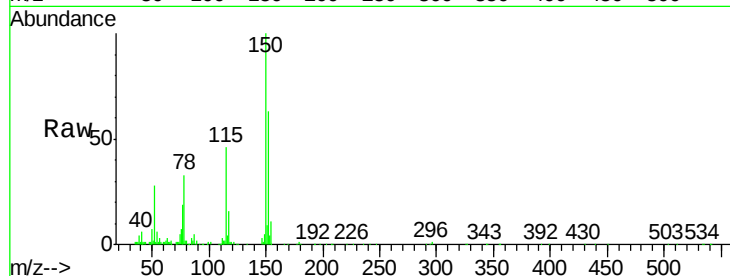
ClientSampled :

PB94433BS

Tgt	Ion	Ratio	Lower	Upper
152	100			
150	159.8	114.0	171.0	
115	74.2	48.1	72.1	

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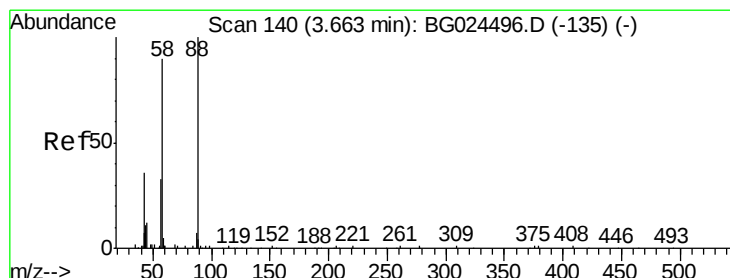
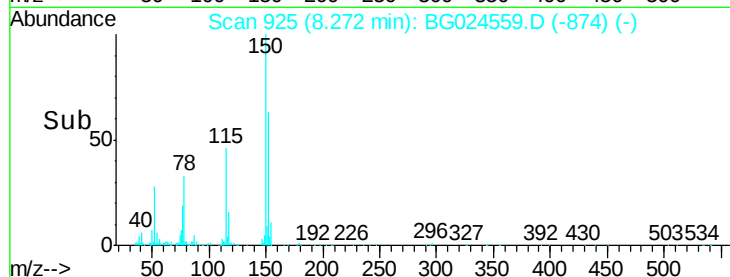
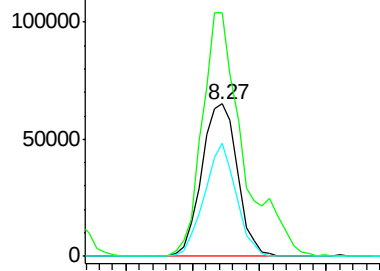
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 28.60 ng

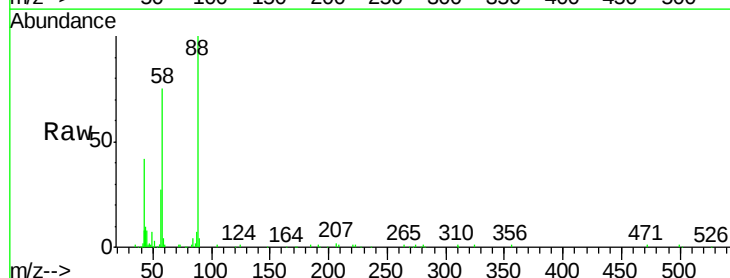
RT: 3.67 min Scan# 141

Delta R.T. -0.00 min

Lab File: BG024559.D

Acq: 31 Oct 2016 16:53

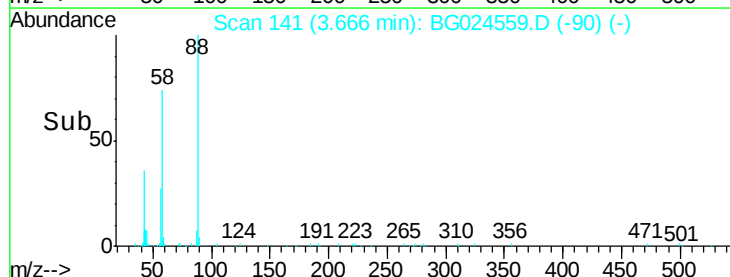
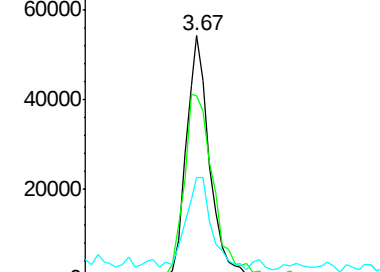
Tgt	Ion	Ratio	Lower	Upper
88	100			
58	91.2	79.4	119.2	
43	44.5	33.8	50.6	

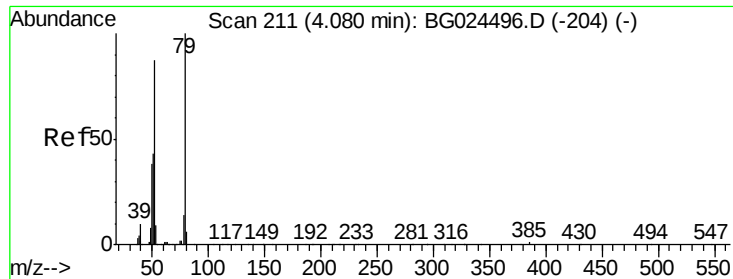


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 31.09 ng

RT: 4.08 min Scan# 211

Delta R.T. -0.00 min

Lab File: BG024559.D

Acq: 31 Oct 2016 16:53

Instrument :

BNA_G

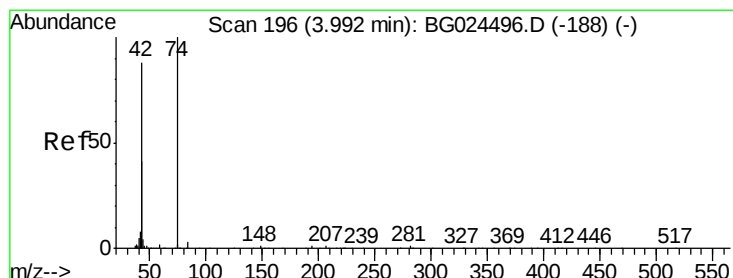
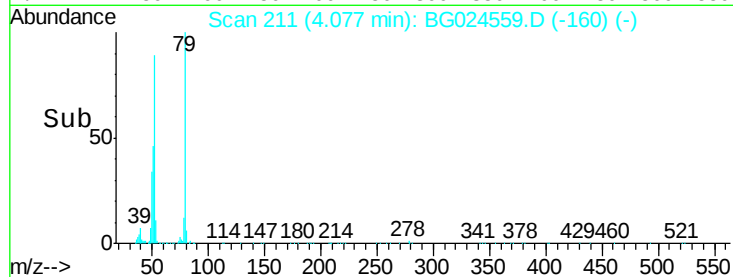
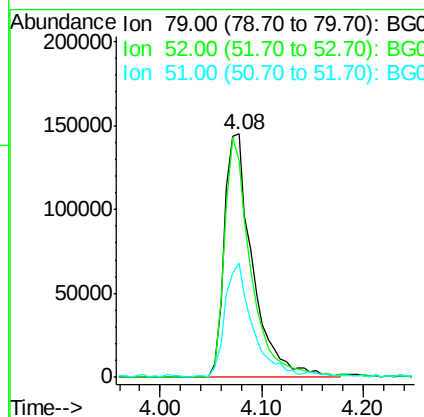
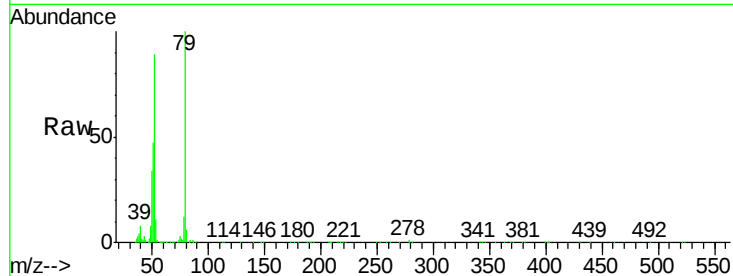
ClientSampleId :

PB94433BS

Tgt Ion	Ratio	Lower	Upper
79	100		
52	88.9	77.8	116.6
51	46.9	43.2	64.8

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#4

n-Nitrosodimethylamine

Concen: 37.93 ng

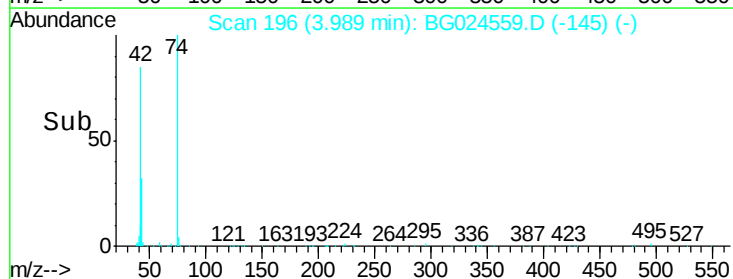
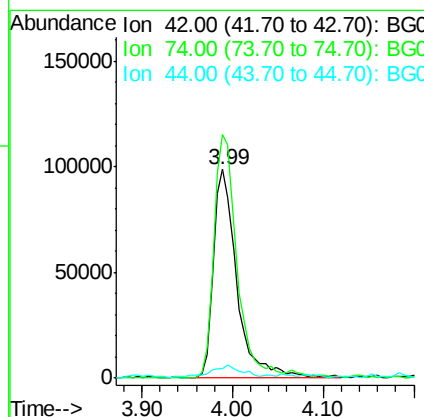
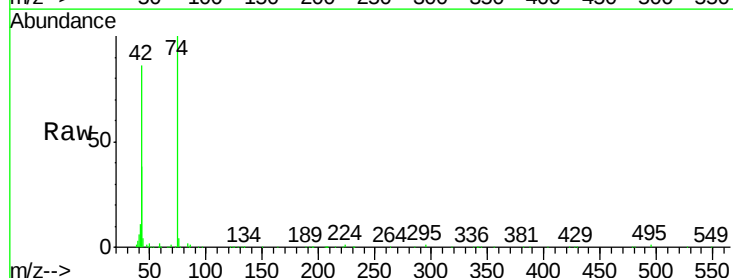
RT: 3.99 min Scan# 196

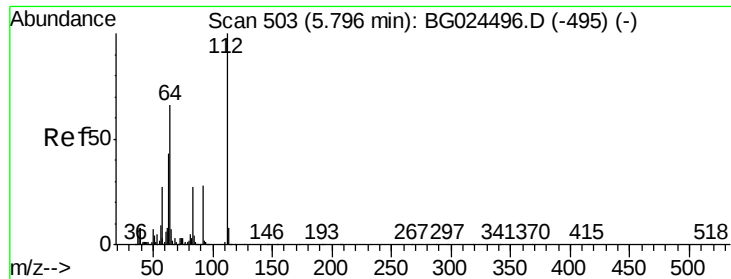
Delta R.T. -0.00 min

Lab File: BG024559.D

Acq: 31 Oct 2016 16:53

Tgt Ion	Ratio	Lower	Upper
42	100		
74	116.6	76.7	115.1#
44	4.4	6.1	9.1#





#5

2-Fluorophenol

Concen: 123.50 ng

RT: 5.80 min Scan# 504

Delta R.T. -0.00 min

Lab File: BG024559.D

Acq: 31 Oct 2016 16:53

Instrument :

BNA_G

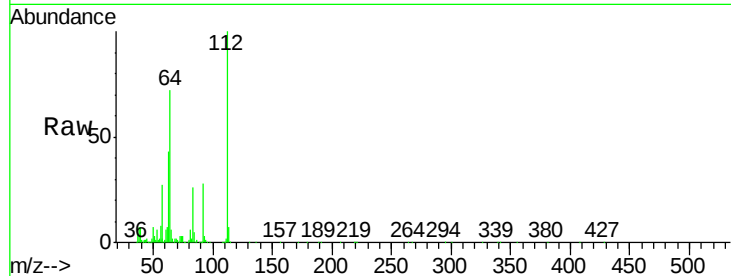
ClientSampleId :

PB94433BS

Tgt Ion:	112	Resp:	910750
Ion Ratio	Lower	Upper	
112	100		
64	72.1	61.8	92.6
63	42.5	37.2	55.8

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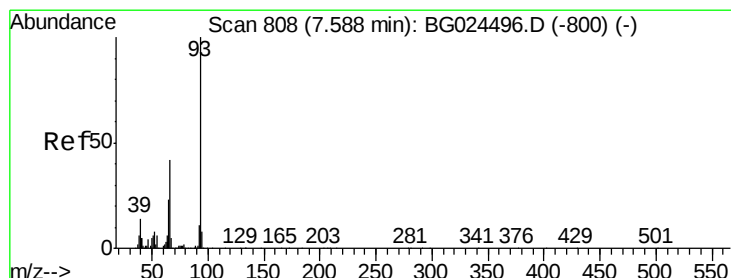
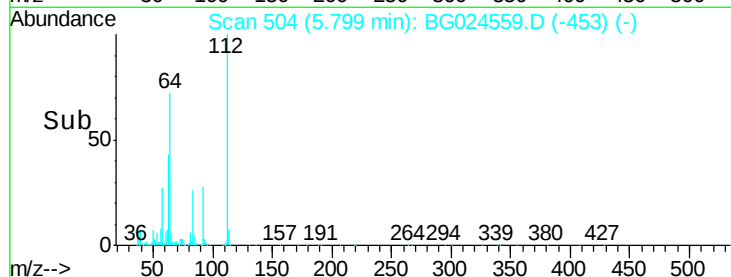
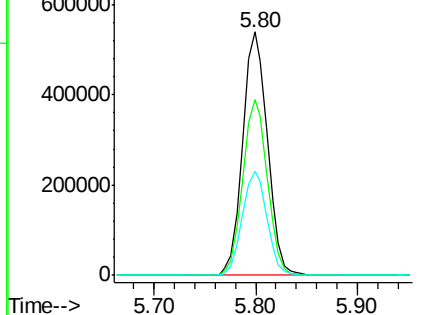
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Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 36.55 ng

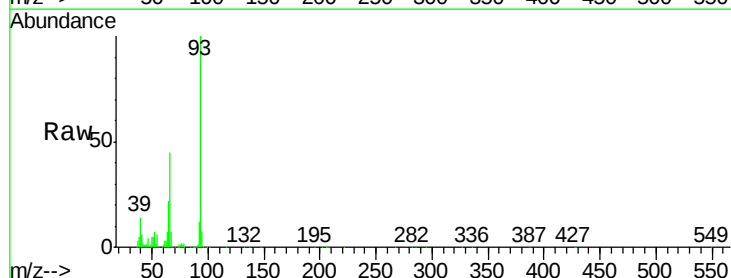
RT: 7.59 min Scan# 809

Delta R.T. -0.00 min

Lab File: BG024559.D

Acq: 31 Oct 2016 16:53

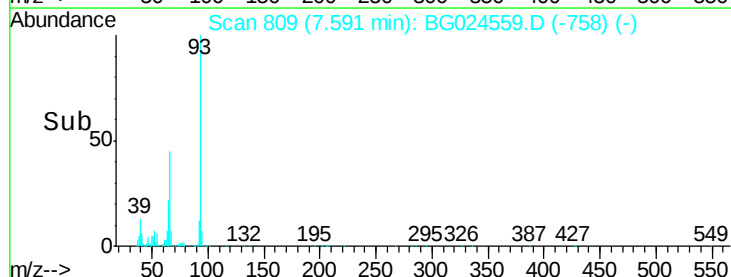
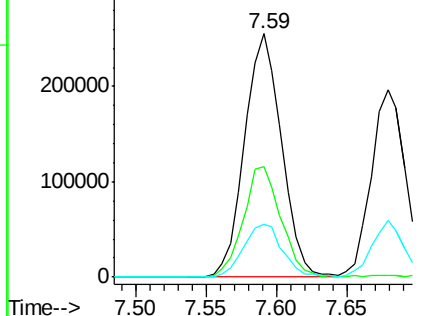
Tgt Ion:	93	Resp:	468370
Ion Ratio	Lower	Upper	
93	100		
66	45.2	35.4	53.2
65	22.0	21.2	31.8

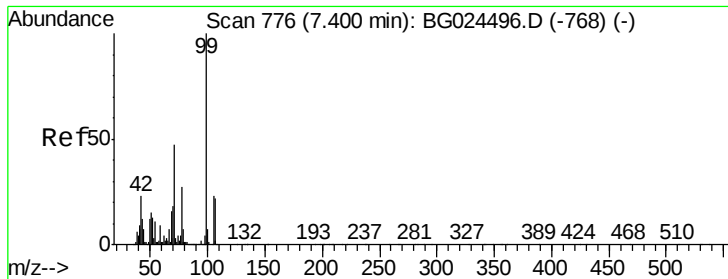


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 125.80 ng

RT: 7.40 min Scan# 777

Delta R.T. -0.00 min

Lab File: BG024559.D

Acq: 31 Oct 2016 16:53

Instrument :

BNA_G

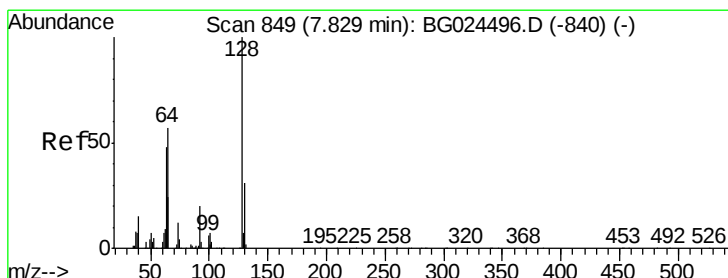
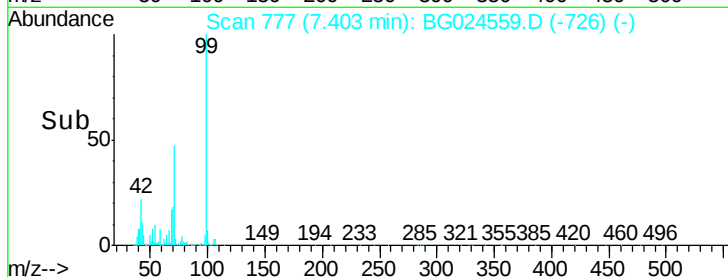
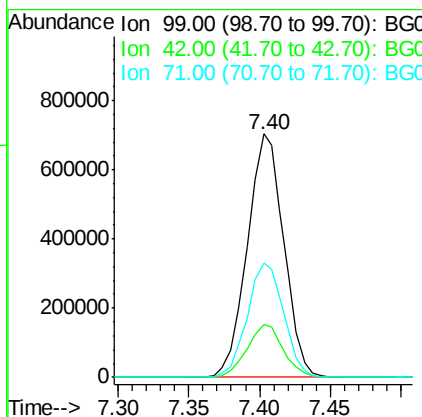
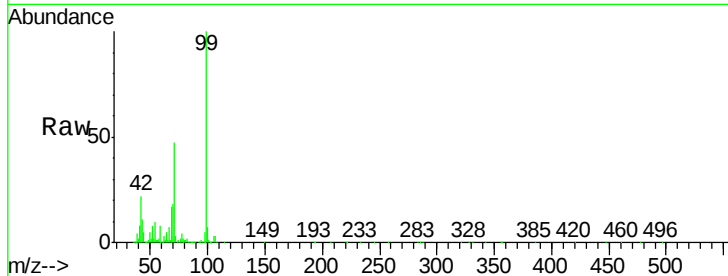
ClientSampleId :

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Tgt Ion:	99	Resp:	1272571
Ion	Ratio	Lower	Upper
99	100		
42	21.7	20.5	30.7
71	47.1	37.6	56.4

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#8

2-Chlorophenol

Concen: 41.46 ng

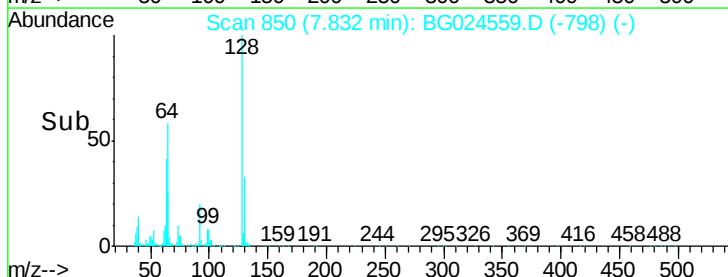
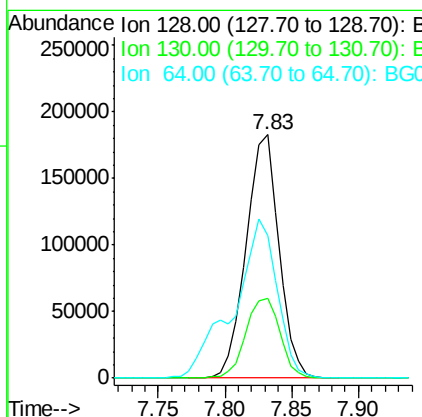
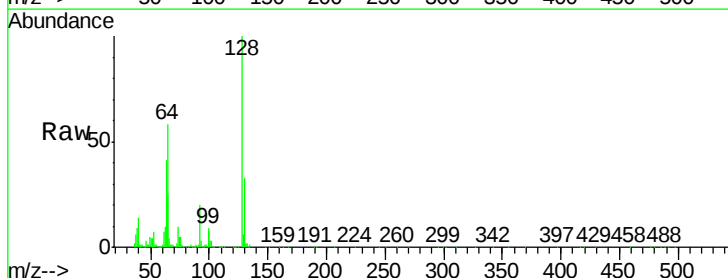
RT: 7.83 min Scan# 850

Delta R.T. 0.00 min

Lab File: BG024559.D

Acq: 31 Oct 2016 16:53

Tgt Ion:	128	Resp:	310867
Ion	Ratio	Lower	Upper
128	100		
130	32.7	11.4	51.4
64	58.4	46.6	86.6





#9

Benzaldehyde

Concen: 10.03 ng

RT: 7.40 min Scan# 777

Delta R.T. -0.00 min

Lab File: BG024559.D

Acq: 31 Oct 2016 16:53

Instrument :

BNA_G

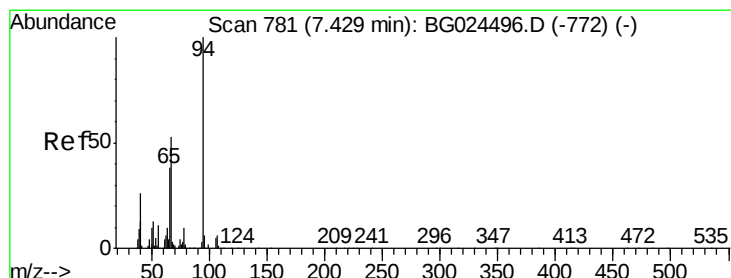
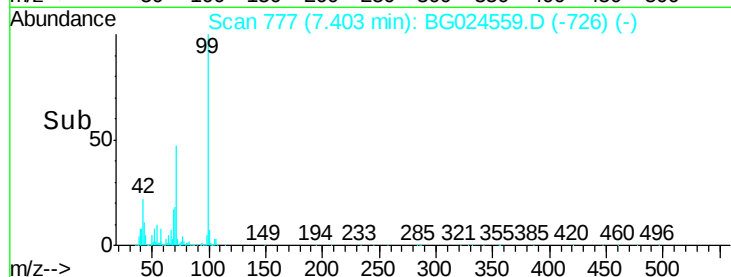
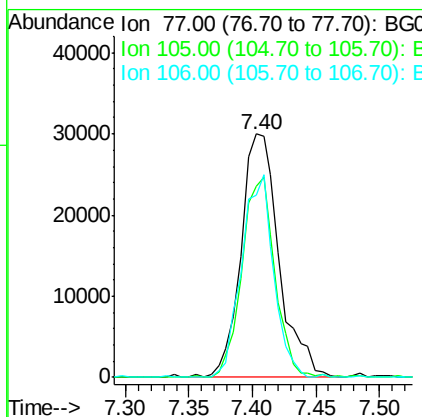
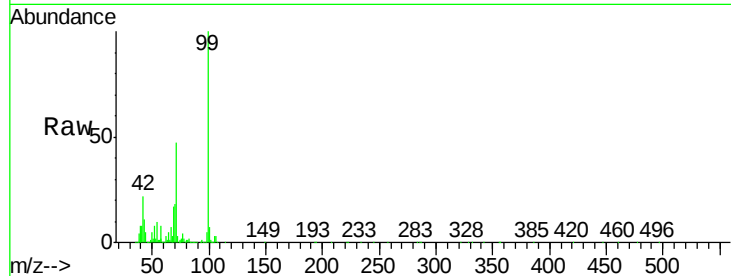
ClientSampleId :

PB94433BS

Tgt Ion:	77	Resp:	62711
Ion Ratio	Lower	Upper	
77	100		
105	78.4	60.9	100.9
106	75.0	55.1	95.1

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#10

Phenol

Concen: 43.83 ng

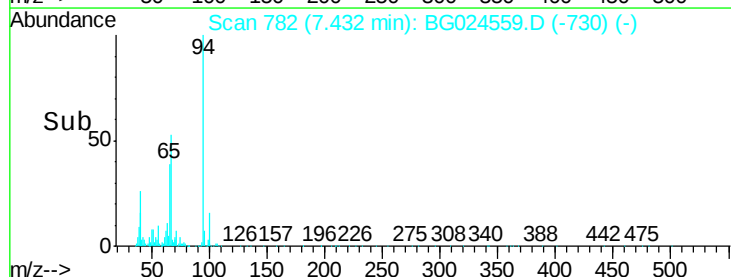
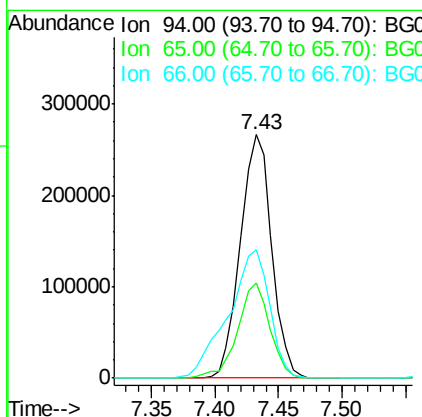
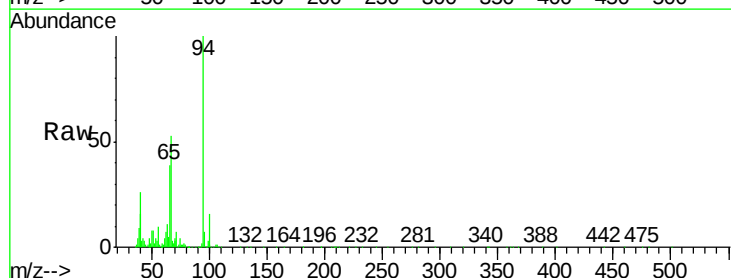
RT: 7.43 min Scan# 782

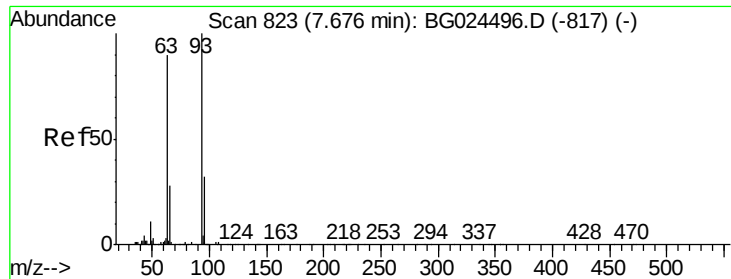
Delta R.T. 0.00 min

Lab File: BG024559.D

Acq: 31 Oct 2016 16:53

Tgt Ion:	94	Resp:	457094
Ion Ratio	Lower	Upper	
94	100		
65	39.3	20.6	60.6
66	52.9	35.5	75.5





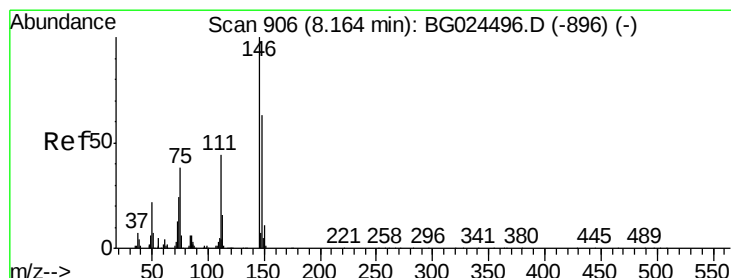
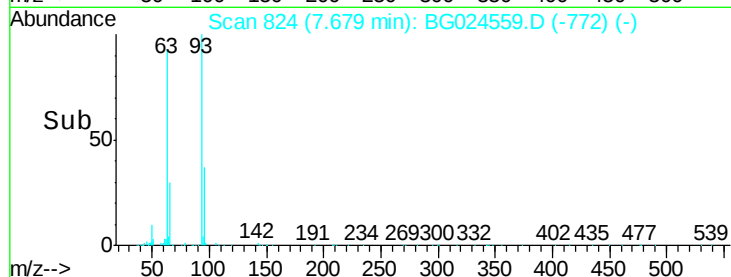
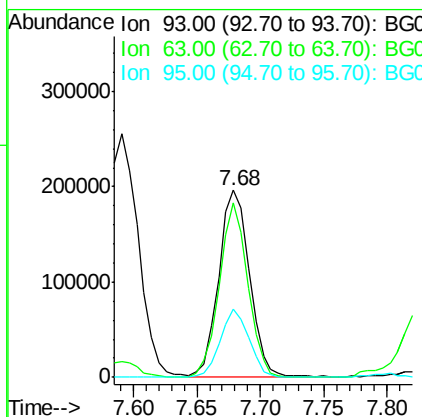
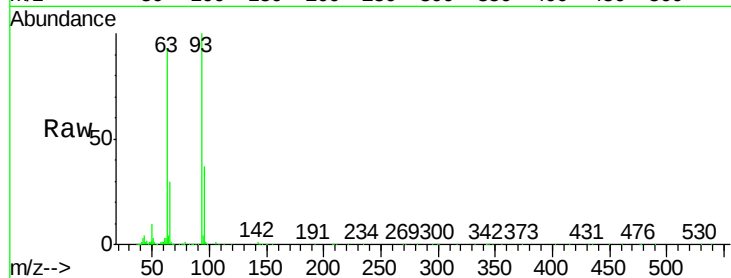
#11
bis(2-Chloroethyl)ether
Concen: 42.37 ng
RT: 7.68 min Scan# 824
Delta R.T. 0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

Instrument :
BNA_G
ClientSampleId :
PB94433BS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	93.1	78.5	118.5
95	36.7	9.8	49.8

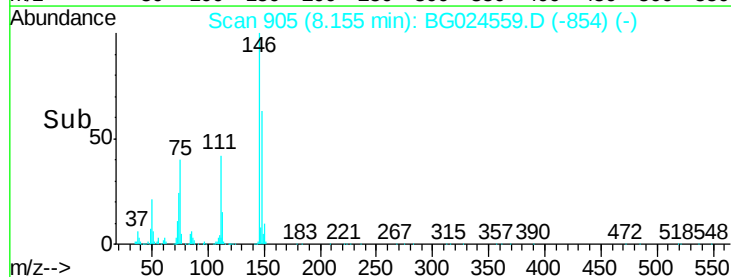
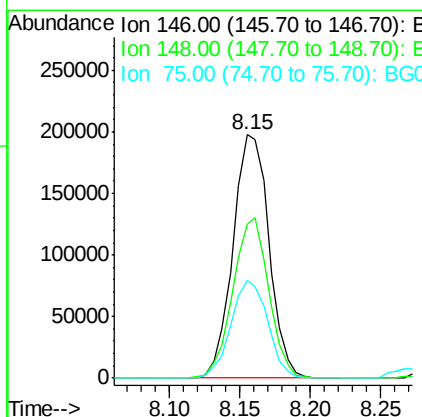
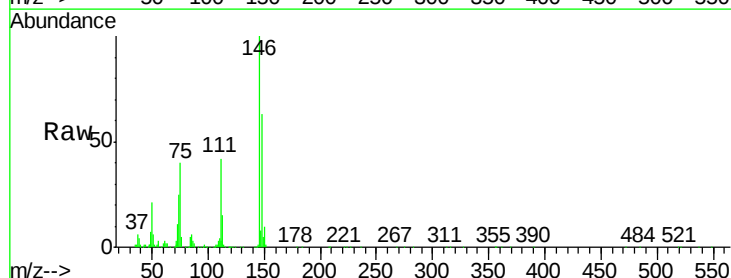
Manual Integrations
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#12
1,3-Dichlorobenzene
Concen: 37.91 ng
RT: 8.15 min Scan# 905
Delta R.T. -0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	49.2	73.8
75	40.1	33.4	50.2





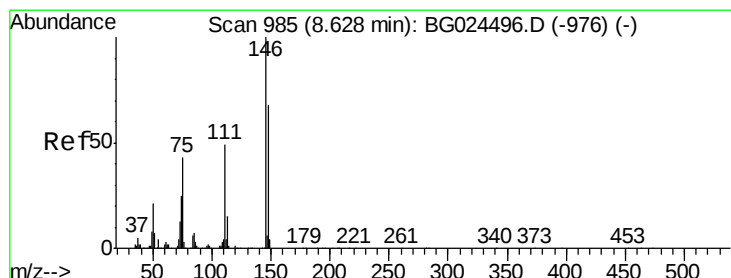
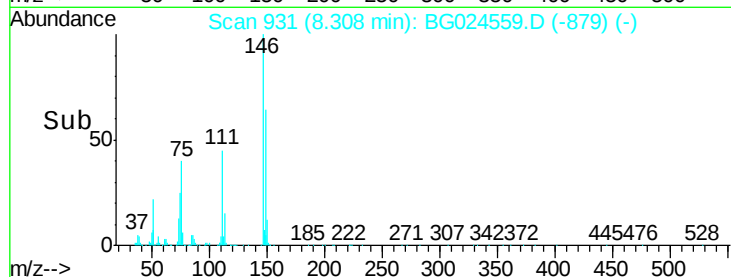
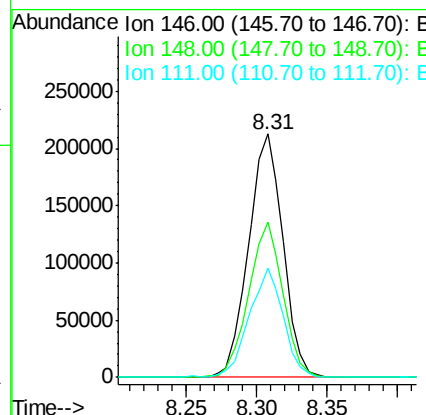
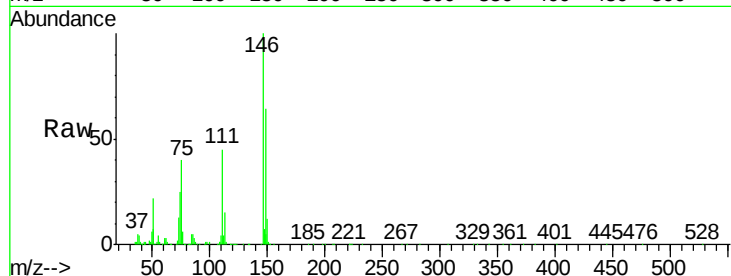
#13
1,4-Dichlorobenzene
Concen: 39.63 ng
RT: 8.31 min Scan# 931
Delta R.T. 0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

Instrument :
BNA_G
ClientSampled :
PB94433BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	52.2	78.2
111	45.0	37.0	55.6

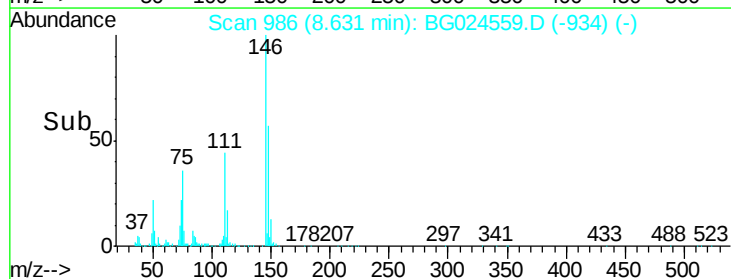
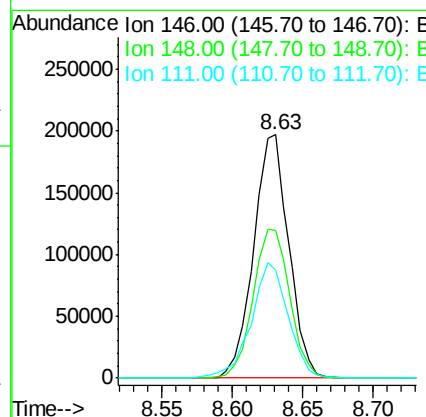
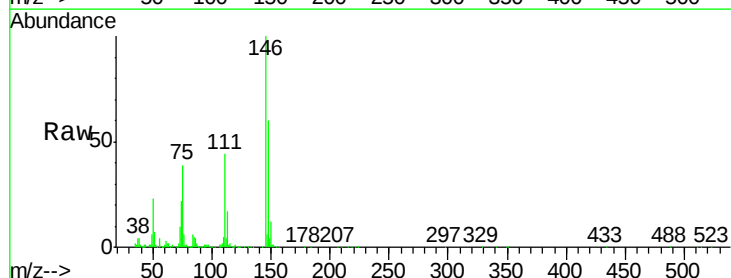
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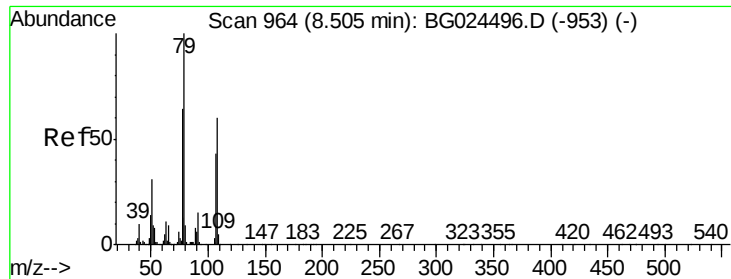
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#14
1,2-Dichlorobenzene
Concen: 39.14 ng
RT: 8.63 min Scan# 986
Delta R.T. 0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.4	54.6	81.8
111	44.1	39.7	59.5





#15

Benzyl Alcohol

Concen: 40.10 ng

RT: 8.50 min Scan# 964

Delta R.T. -0.00 min

Lab File: BG024559.D

Acq: 31 Oct 2016 16:53

Instrument :

BNA_G

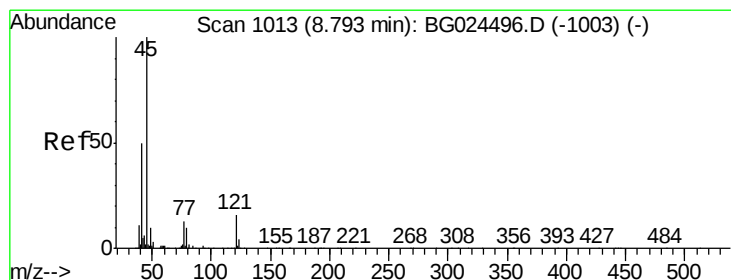
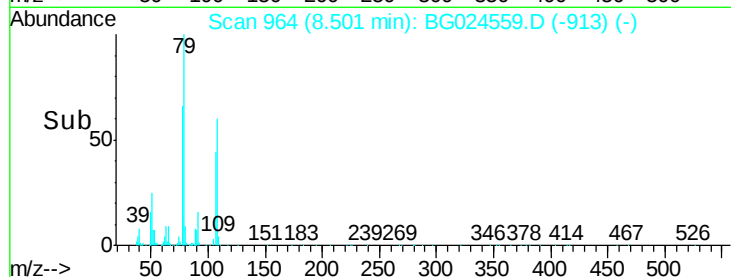
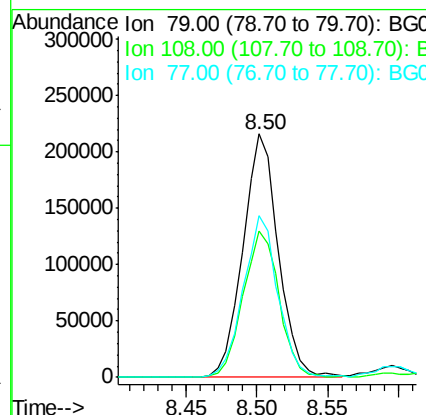
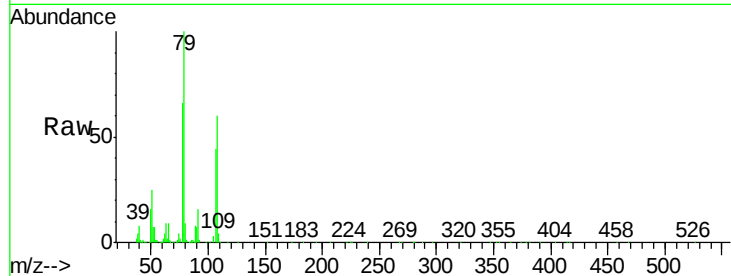
ClientSampleId :

PB94433BS

Tgt Ion	Ratio	Lower	Upper
79	100		
108	60.4	45.5	68.3
77	66.4	54.3	81.5

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.02 ng

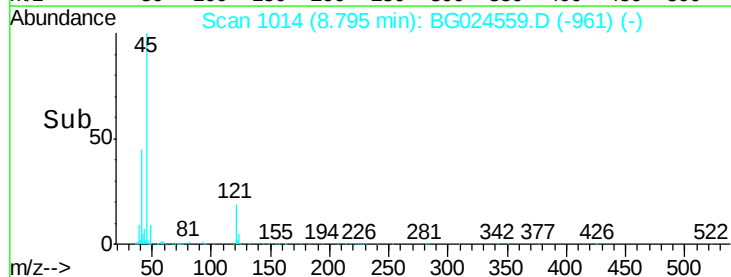
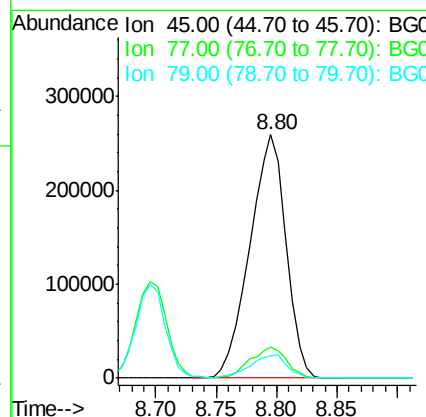
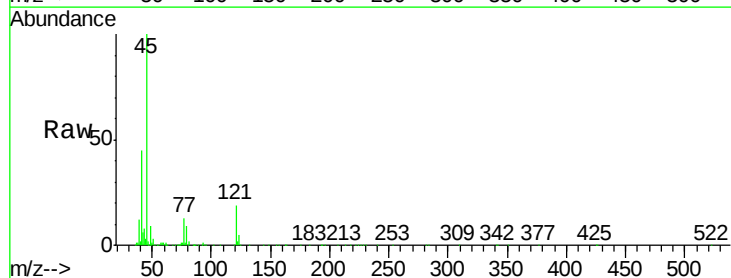
RT: 8.80 min Scan# 1014

Delta R.T. 0.01 min

Lab File: BG024559.D

Acq: 31 Oct 2016 16:53

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.0	0.0	30.6
79	9.2	0.0	28.5





#17

2-Methylphenol

Concen: 41.38 ng

RT: 8.70 min Scan# 997

Delta R.T. -0.00 min

Lab File: BG024559.D

Acq: 31 Oct 2016 16:53

Instrument :

BNA_G

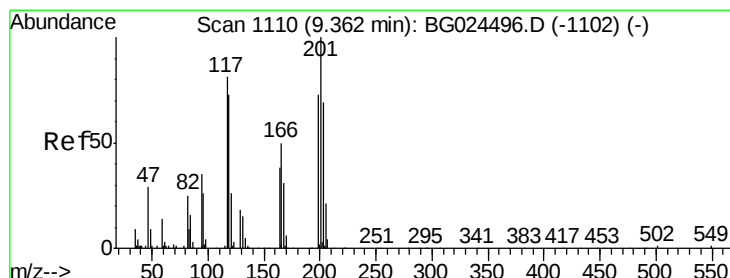
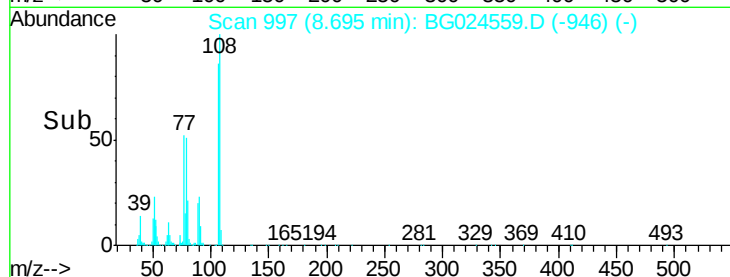
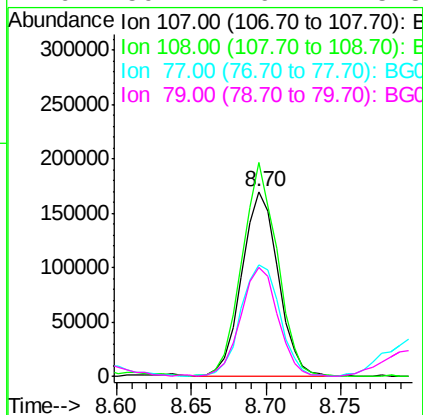
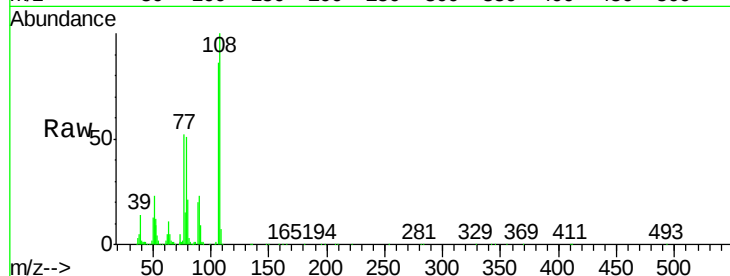
ClientSampleId :

PB94433BS

Tgt	Ion	Resp	Lower	Upper
107	100			
108	115.8	85.6	128.4	
77	60.6	51.4	77.2	
79	59.1	49.2	73.8	

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#18

Hexachloroethane

Concen: 40.76 ng

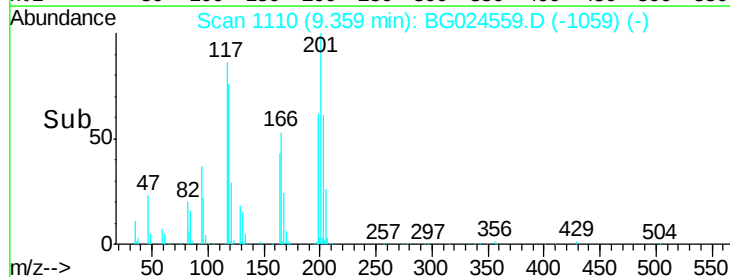
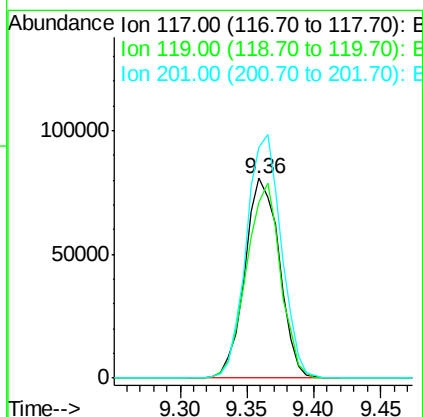
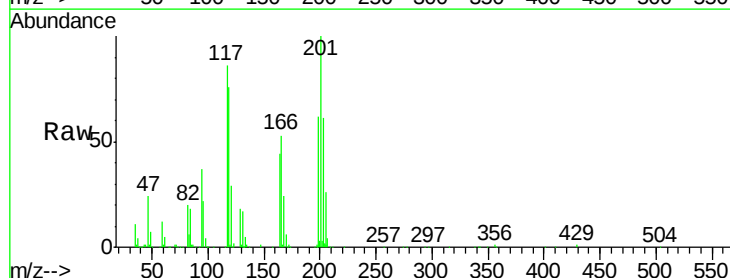
RT: 9.36 min Scan# 1110

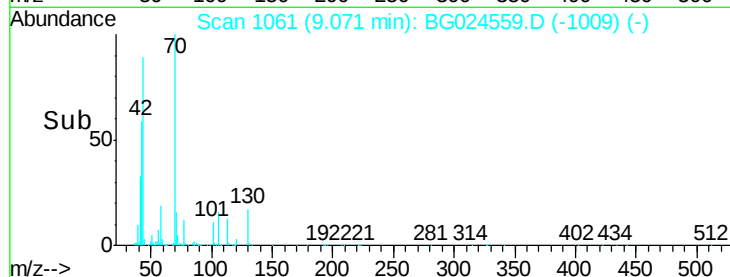
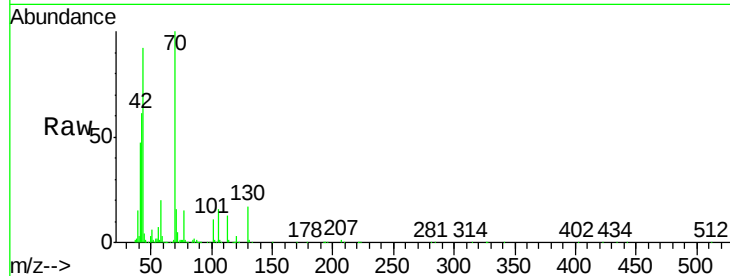
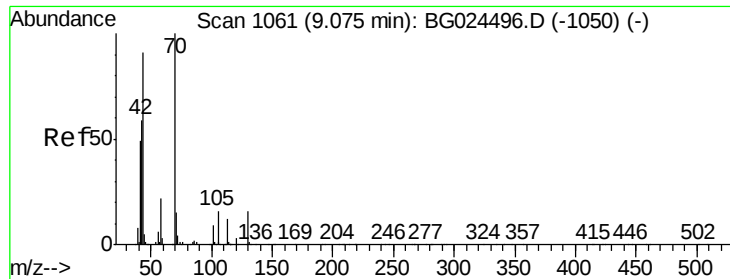
Delta R.T. -0.00 min

Lab File: BG024559.D

Acq: 31 Oct 2016 16:53

Tgt	Ion	Resp	Lower	Upper
117	100			
119	88.1	69.8	104.6	
201	115.7	95.4	143.0	





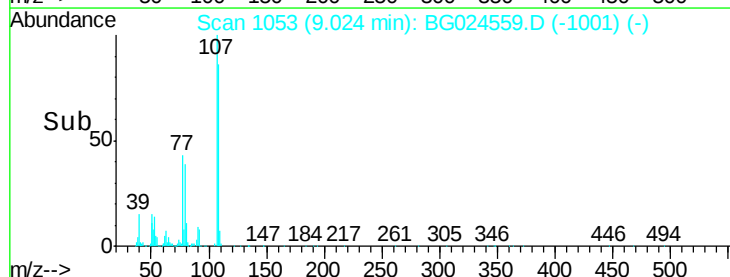
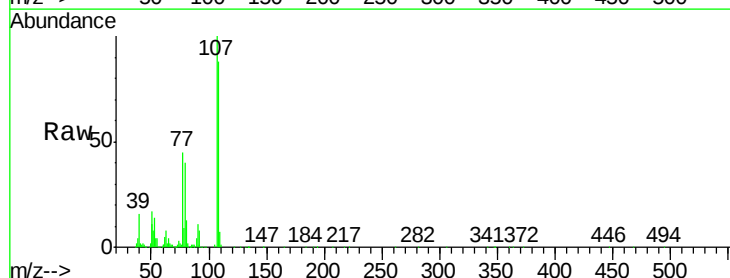
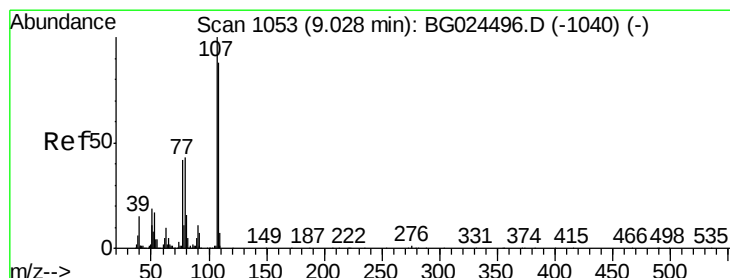
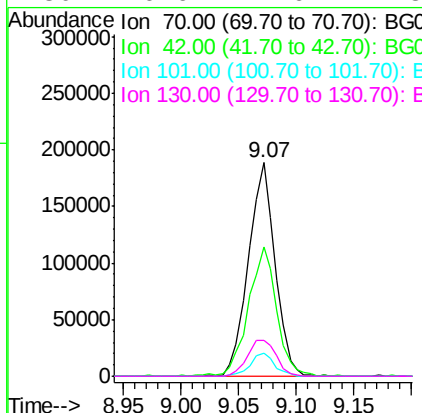
#19
n-Nitroso-di-n-propylamine
Concen: 40.69 ng
RT: 9.07 min Scan# 1061
Delta R.T. 0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

Instrument :
BNA_G
ClientSampleId :
PB94433BS

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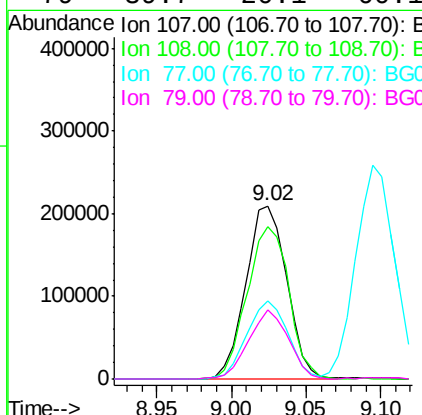
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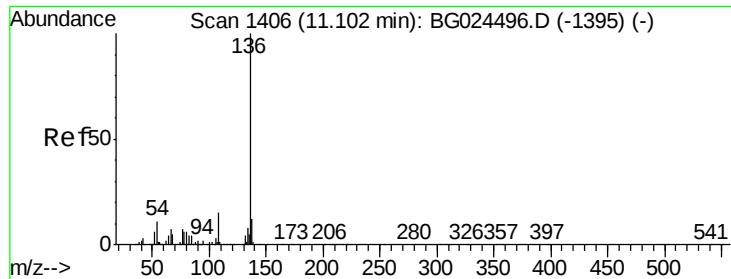
Tgt Ion	Ratio	Lower	Upper
70	100		
42	60.6	56.1	84.1
101	10.7	7.5	11.3
130	16.6	14.6	21.8



#20
3+4-Methylphenols
Concen: 42.74 ng
RT: 9.02 min Scan# 1053
Delta R.T. 0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.2	70.8	110.8
77	45.3	25.8	65.8
79	39.7	20.1	60.1





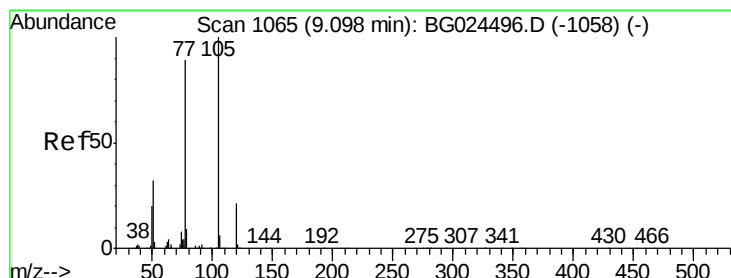
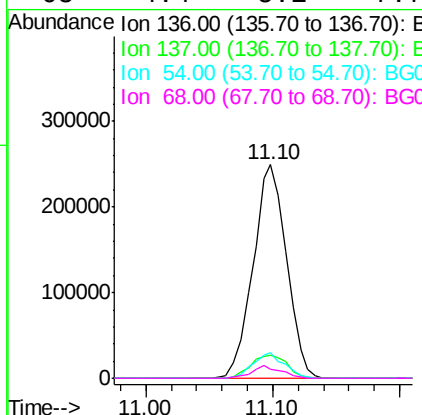
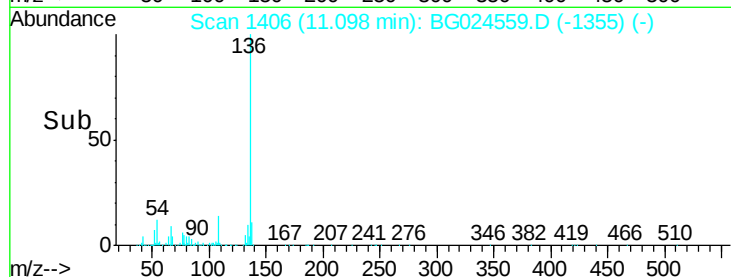
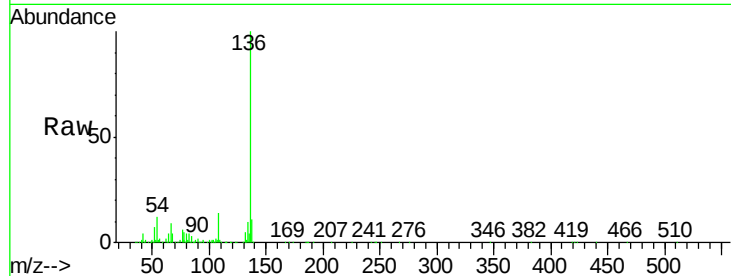
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.10 min Scan# 1406
Delta R.T. -0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

Instrument :
BNA_G
ClientSampleId :
PB94433BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	457891		
137	10.7	8.9	13.3	
54	12.2	9.3	13.9	
68	4.4	5.1	7.7#	

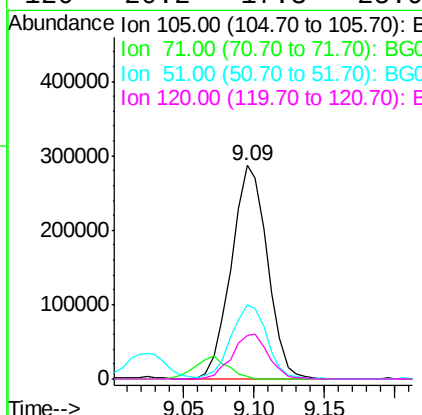
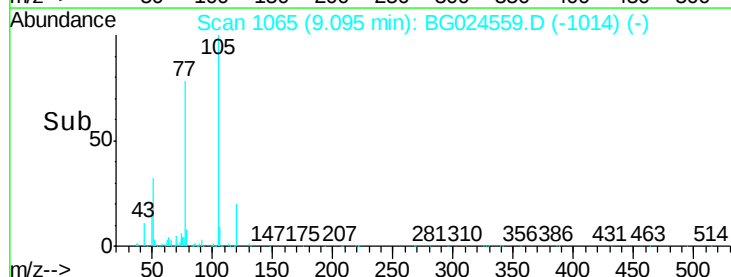
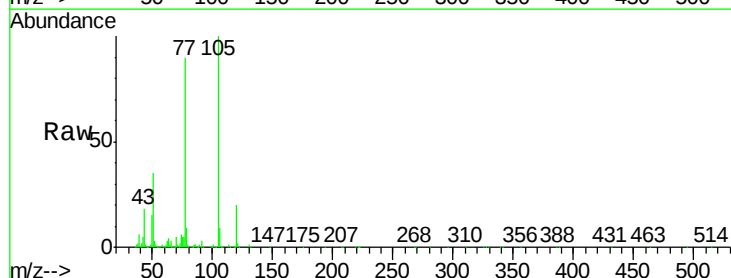
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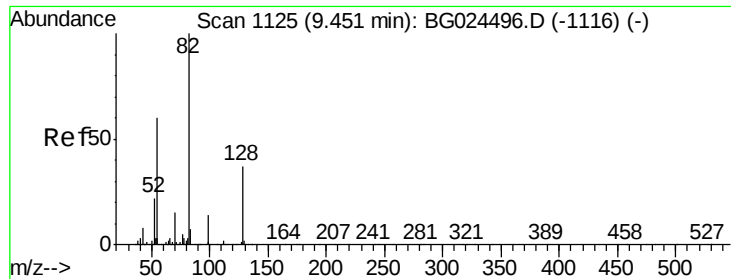
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#22
Acetophenone
Concen: 43.49 ng
RT: 9.09 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	511569		
71	1.0	0.9	1.3	
51	34.8	34.0	51.0	
120	20.2	17.3	25.9	





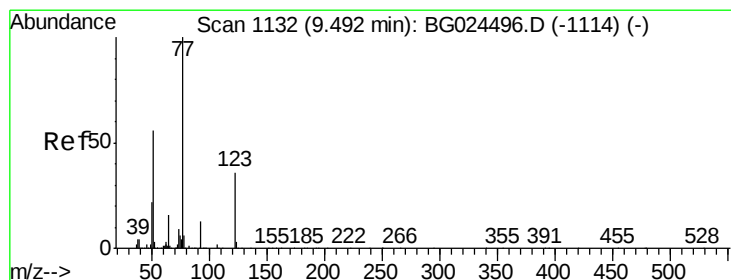
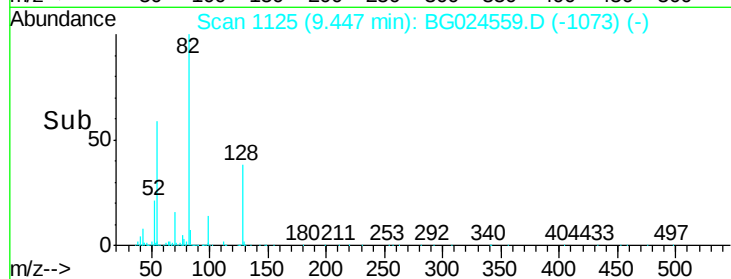
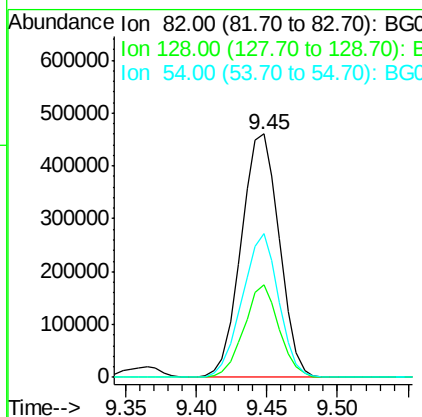
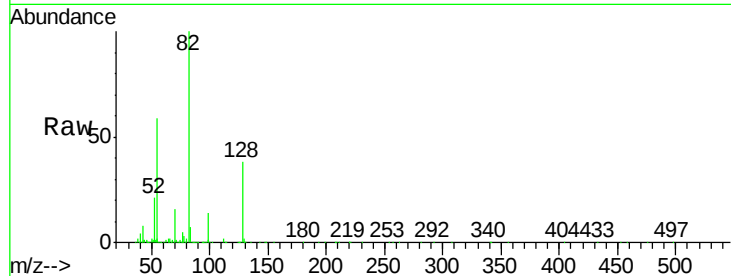
#23
 Nitrobenzene-d5
 Concen: 86.55 ng
 RT: 9.45 min Scan# 1125
 Delta R.T. 0.00 min
 Lab File: BG024559.D
 Acq: 31 Oct 2016 16:53

Instrument :
 BNA_G
 ClientSampleId :
 PB94433BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.9	26.4	39.6
54	59.0	49.4	74.2

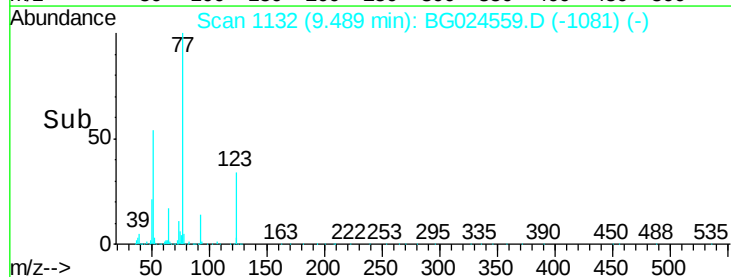
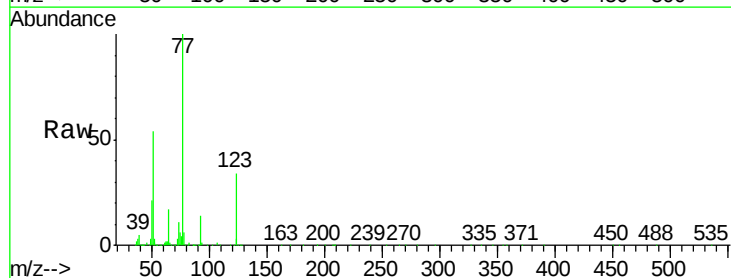
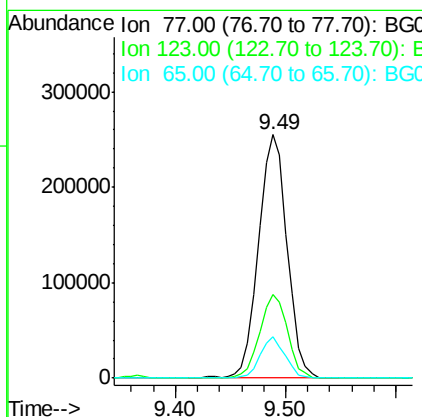
Manual Integrations
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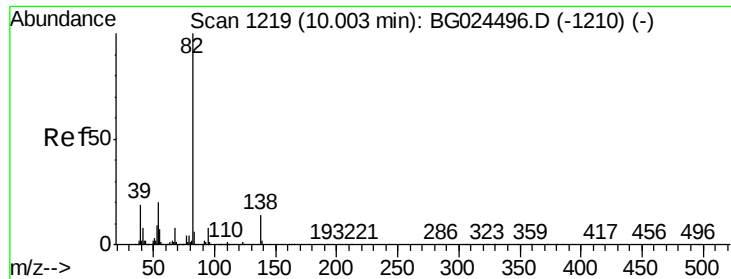
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#24
 Nitrobenzene
 Concen: 41.33 ng
 RT: 9.49 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: BG024559.D
 Acq: 31 Oct 2016 16:53

Tgt Ion	Ratio	Lower	Upper
77	100		
123	34.1	26.1	39.1
65	17.2	12.4	18.6





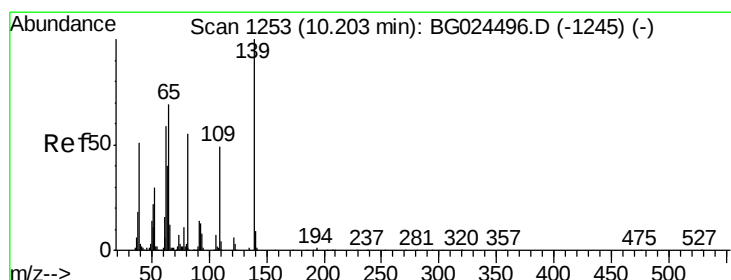
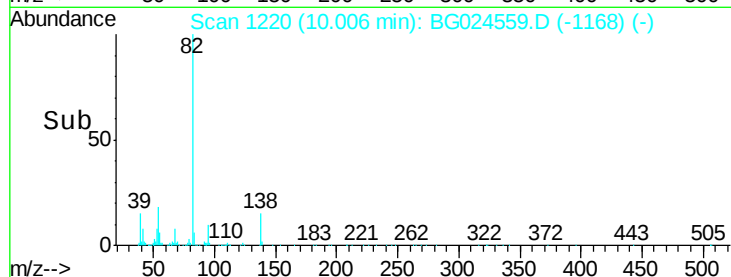
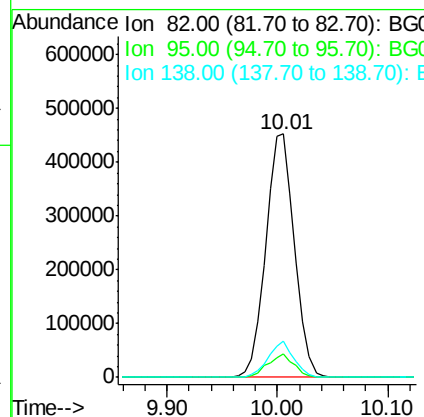
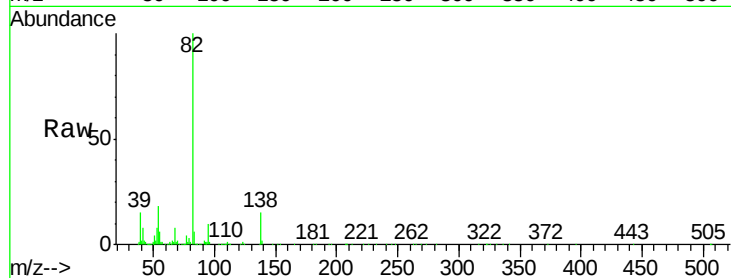
#25
Isophorone
Concen: 43.72 ng
RT: 10.01 min Scan# 1220
Delta R.T. 0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

Instrument :
BNA_G
ClientSampleId :
PB94433BS

Tgt Ion	Ratio	Lower	Upper
82	100		
95	9.7	7.5	11.3
138	14.7	12.3	18.5

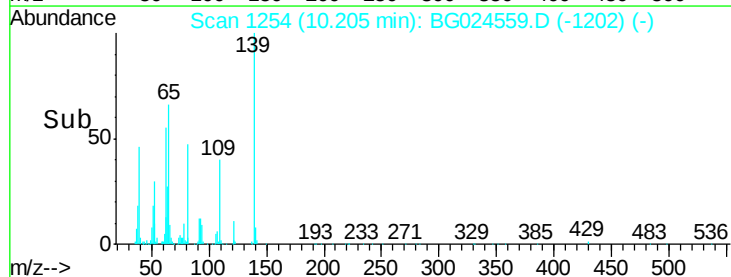
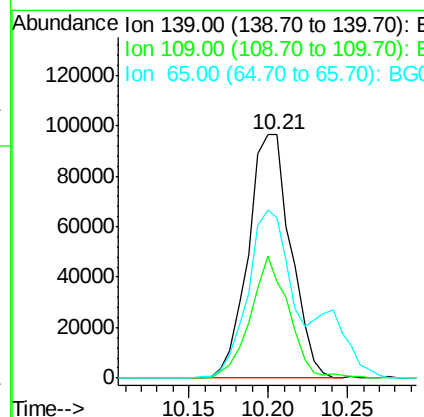
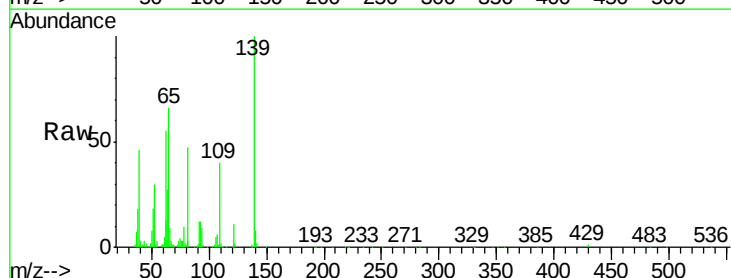
Manual Integrations
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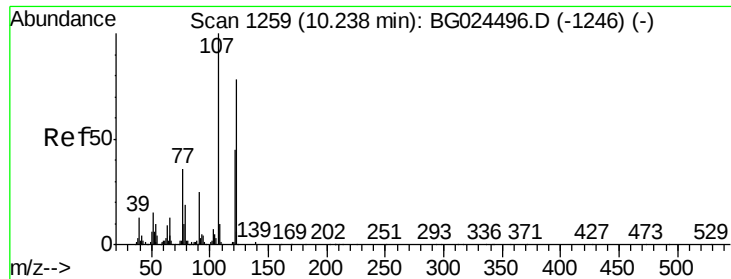
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#26
2-Nitrophenol
Concen: 43.41 ng
RT: 10.21 min Scan# 1254
Delta R.T. 0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

Tgt Ion	Ratio	Lower	Upper
139	100		
109	39.5	38.6	58.0
65	65.8	57.1	85.7





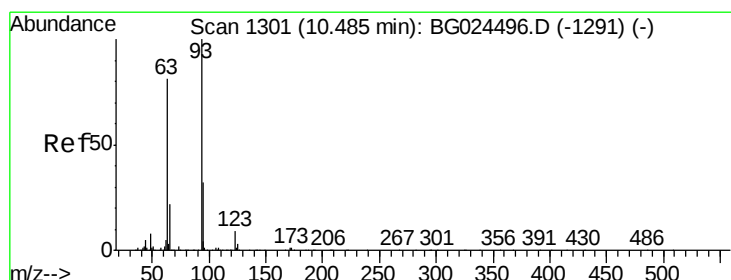
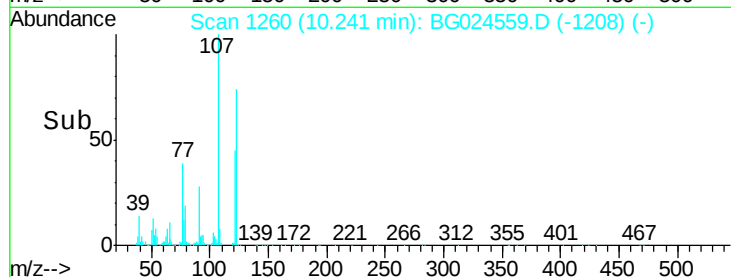
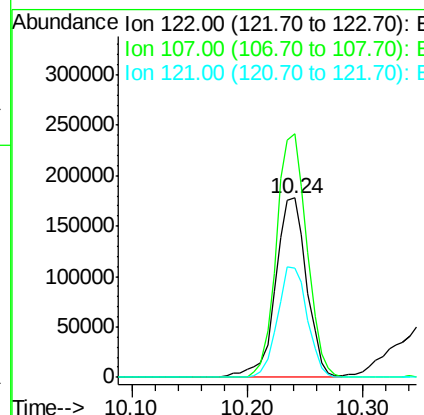
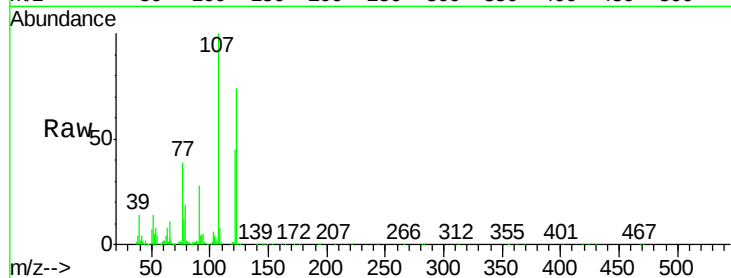
#27
2,4-Dimethylphenol
Concen: 45.97 ng
RT: 10.24 min Scan# 1260
Delta R.T. 0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

Instrument :
BNA_G
ClientSampleId :
PB94433BS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	135.9	104.2	156.4
121	60.8	46.0	69.0

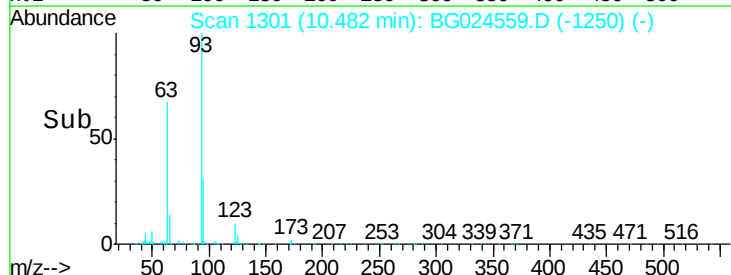
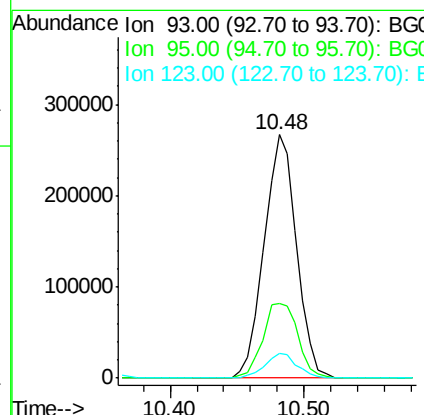
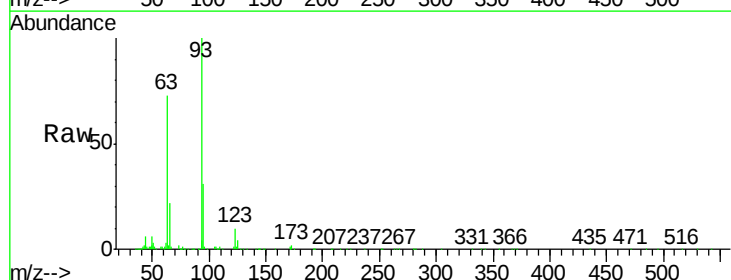
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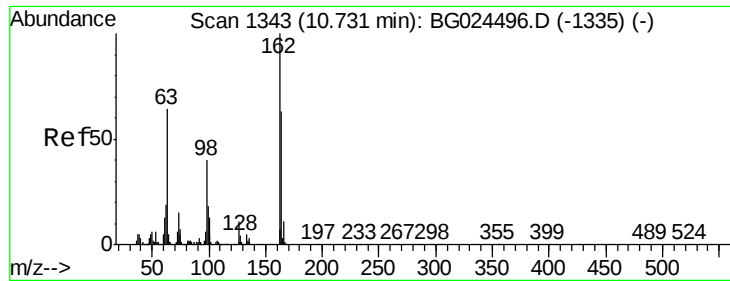
sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 46.09 ng
RT: 10.48 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.8	25.7	38.5
123	10.2	8.3	12.5





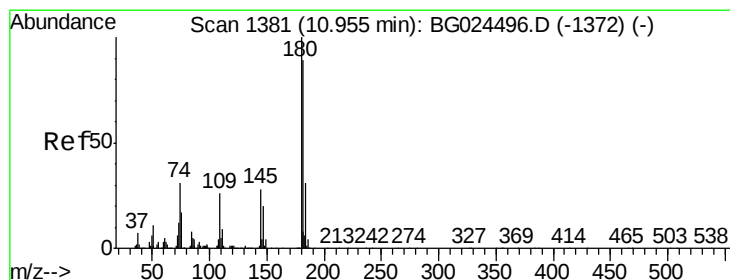
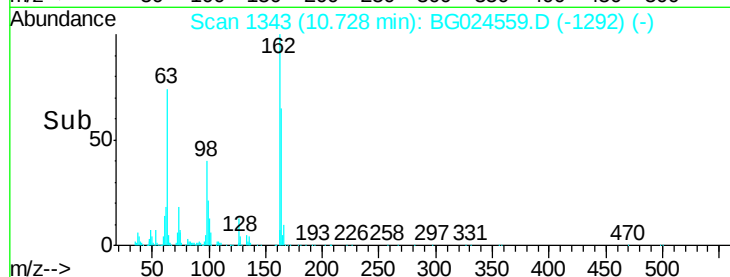
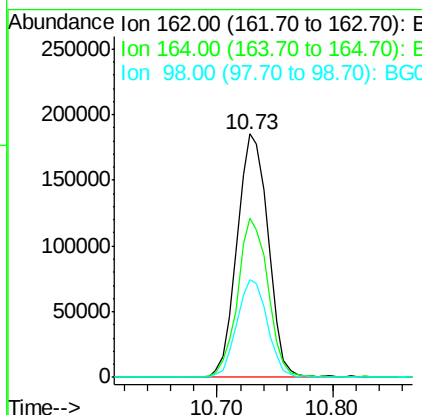
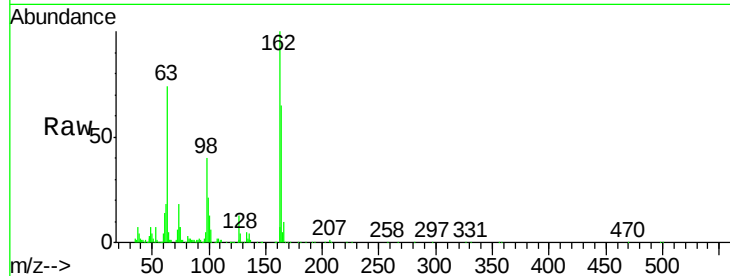
#29
2,4-Dichlorophenol
Concen: 45.45 ng
RT: 10.73 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

Instrument :
BNA_G
ClientSampleId :
PB94433BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	346774		
164	65.4	42.4	82.4	
98	40.1	20.3	60.3	

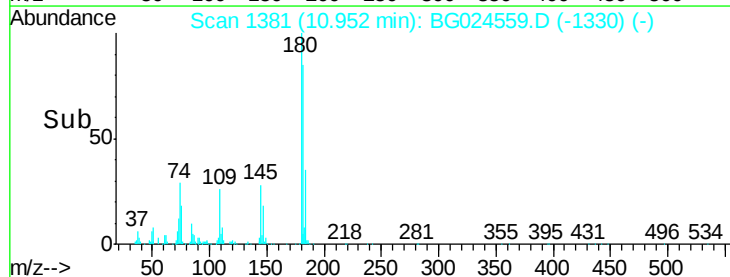
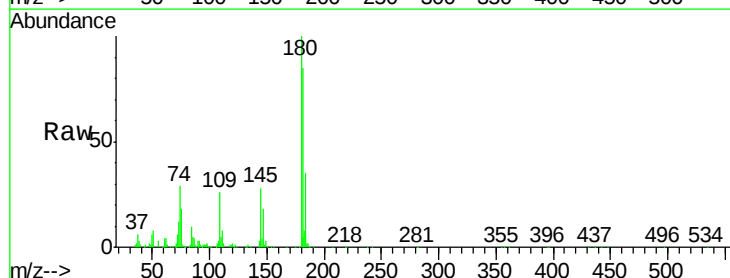
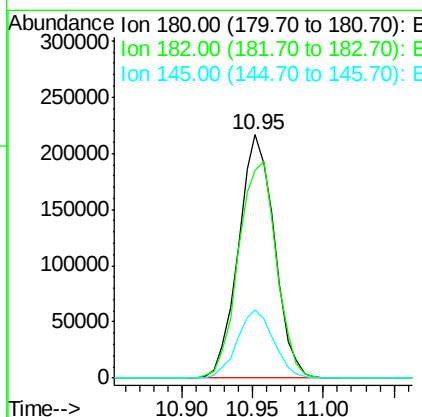
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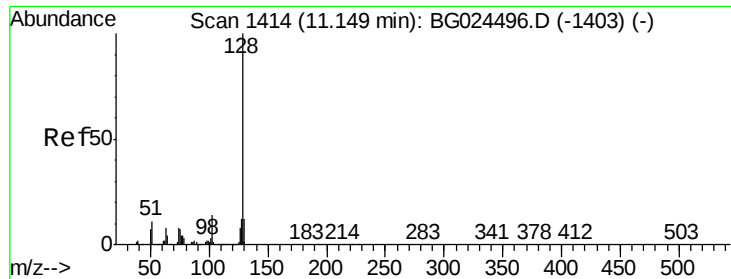
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#30
1,2,4-Trichlorobenzene
Concen: 42.57 ng
RT: 10.95 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	385365		
182	85.4	77.0	115.4	
145	28.0	23.4	35.0	





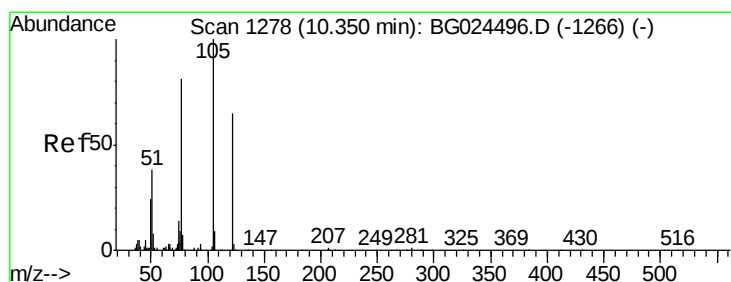
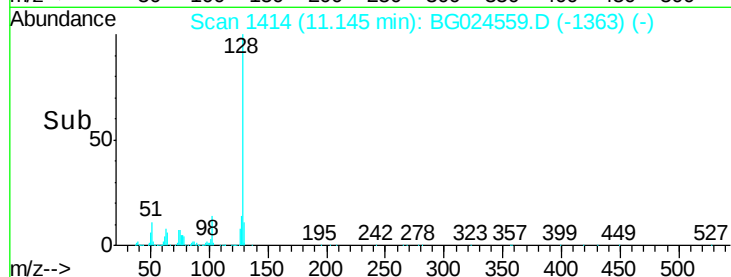
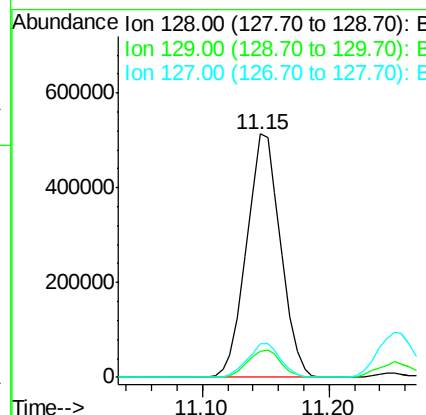
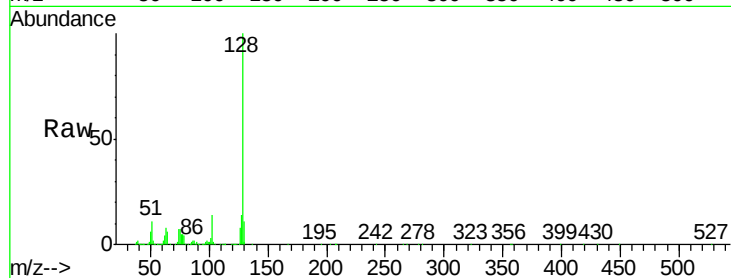
#31
Naphthalene
Concen: 41.74 ng
RT: 11.15 min Scan# 1414
Delta R.T. -0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

Instrument :
BNA_G
ClientSampleId :
PB94433BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	953451		
129	10.9	9.3	13.9	
127	13.9	11.4	17.0	

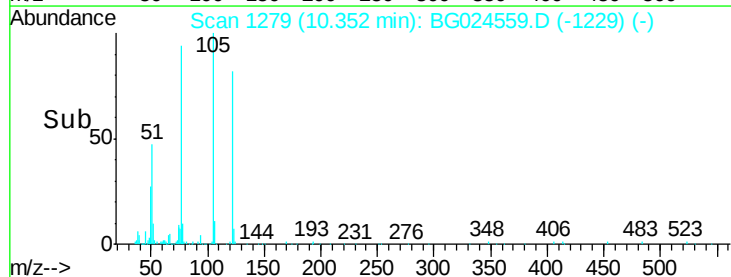
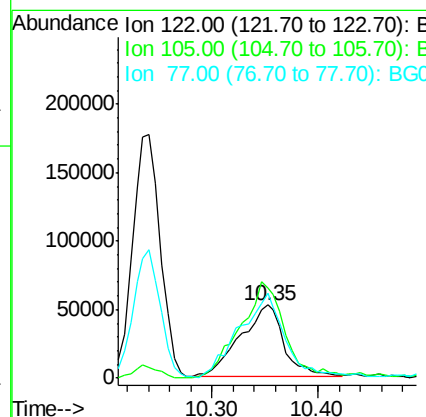
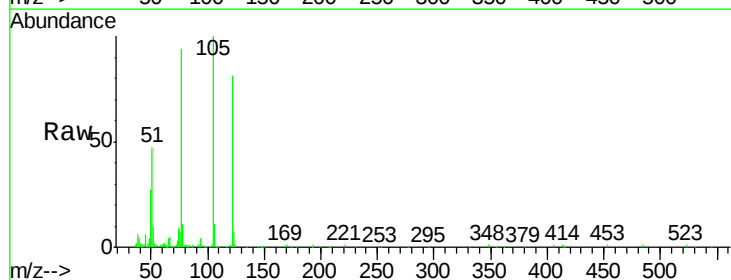
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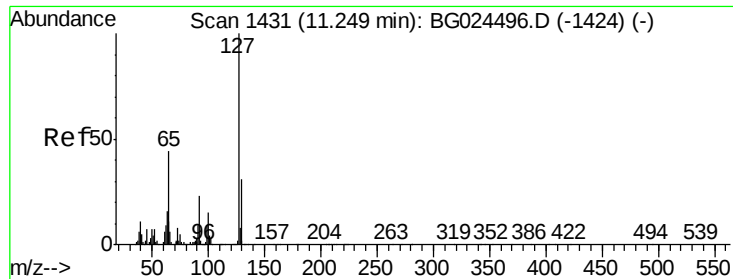
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#32
Benzoic acid
Concen: 24.89 ng
RT: 10.35 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	150696		
105	123.0	120.1	160.1	
77	115.6	104.6	144.6	





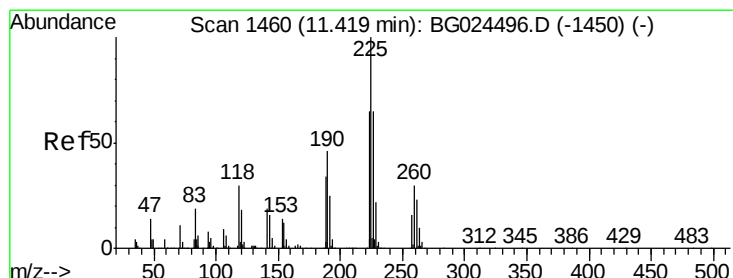
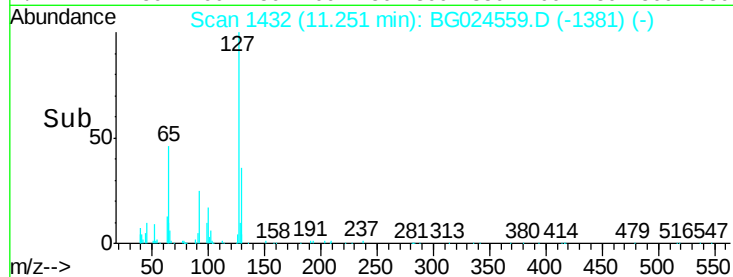
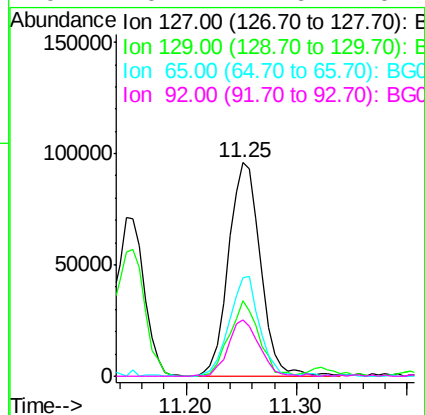
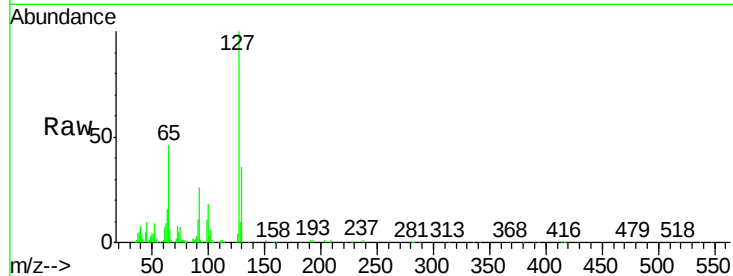
#33
4-Chloroaniline
Concen: 19.65 ng
RT: 11.25 min Scan# 1432
Delta R.T. -0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

Instrument :
BNA_G
ClientSampled :
PB94433BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	35.5	23.6	35.4#
65	46.0	37.7	56.5
92	26.2	17.6	26.4

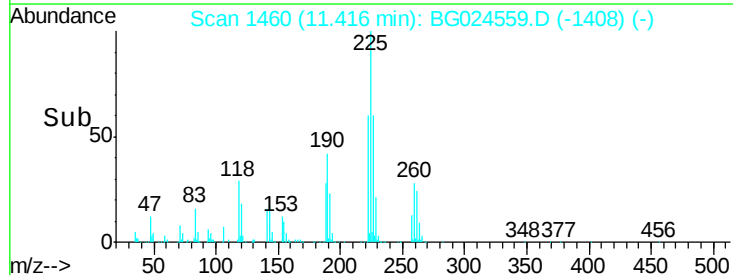
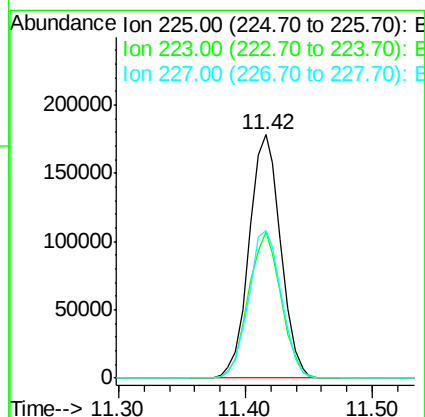
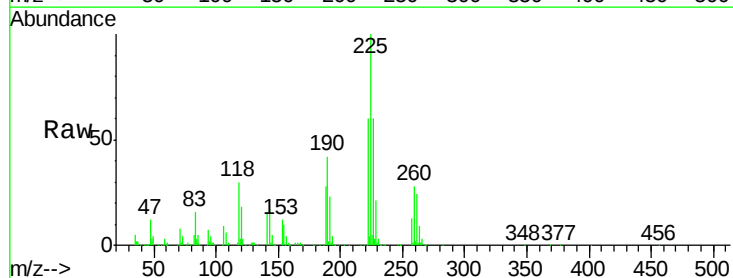
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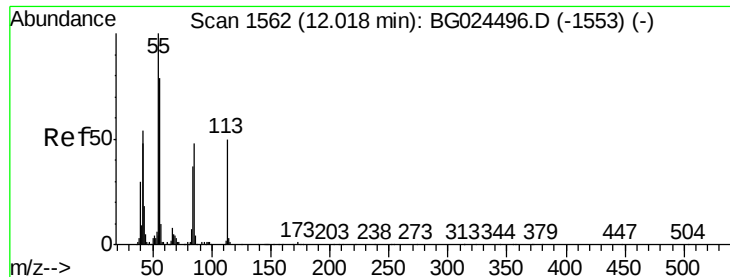
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#34
Hexachlorobutadiene
Concen: 43.45 ng
RT: 11.42 min Scan# 1460
Delta R.T. 0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	60.3	50.7	76.1
227	60.4	49.0	73.6





#35

Caprolactam

Concen: 42.79 ng m

RT: 12.02 min Scan# 1562

Delta R.T. -0.01 min

Lab File: BG024559.D

Acq: 31 Oct 2016 16:53

Instrument :

BNA_G

ClientSampleId :

PB94433BS

Tgt Ion:113 Resp: 119540
Ion Ratio Lower Upper

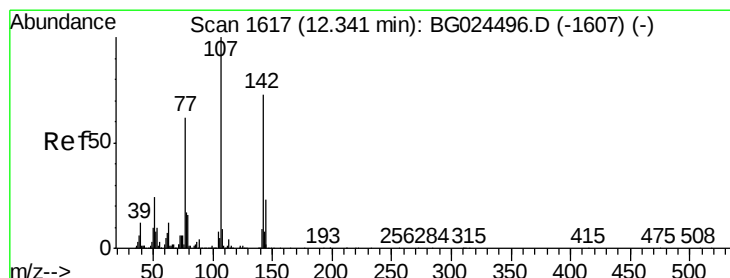
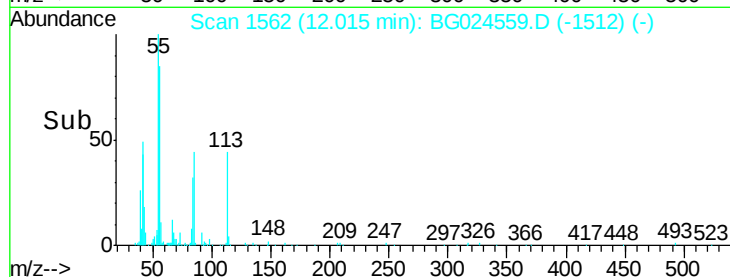
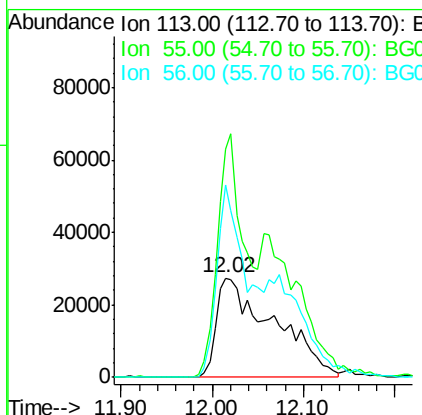
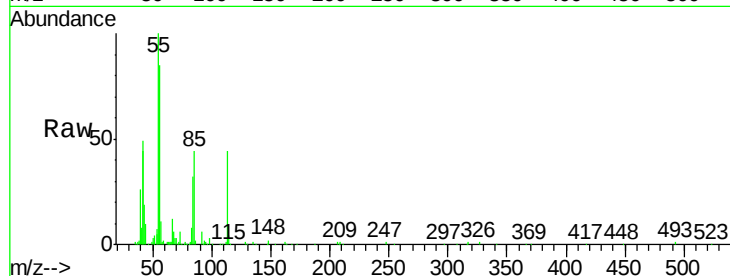
113 100

55 229.8 198.6 238.6

56 194.3 140.4 180.4#

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#36

4-Chloro-3-methylphenol

Concen: 44.40 ng

RT: 12.34 min Scan# 1618

Delta R.T. 0.00 min

Lab File: BG024559.D

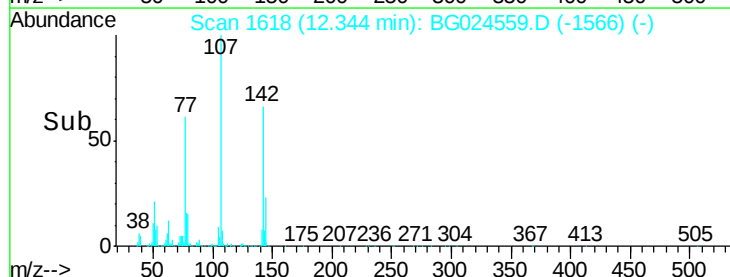
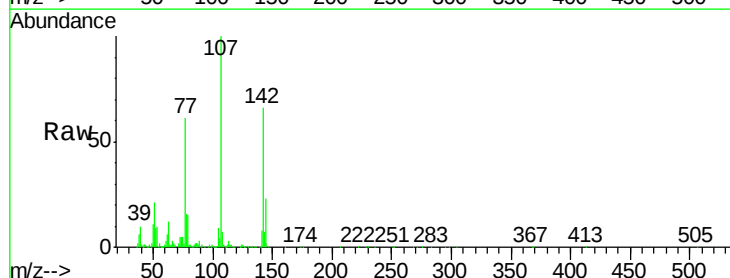
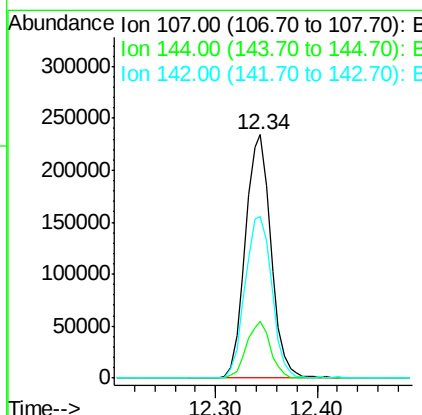
Acq: 31 Oct 2016 16:53

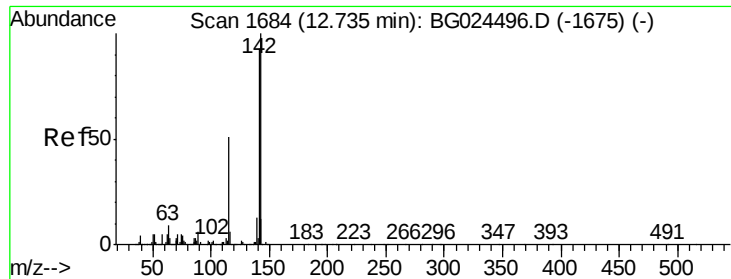
Tgt Ion:107 Resp: 408954
Ion Ratio Lower Upper

107 100

144 23.1 17.4 26.0

142 66.3 54.1 81.1





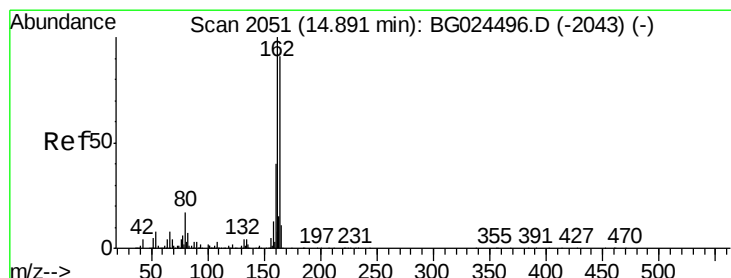
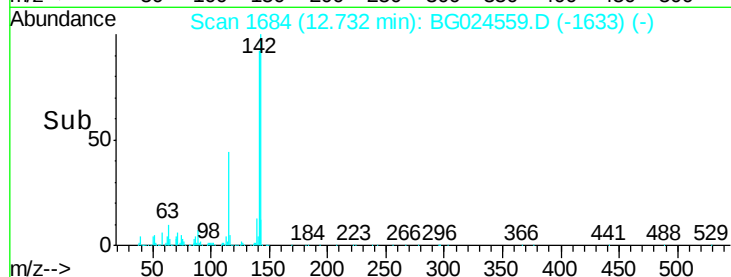
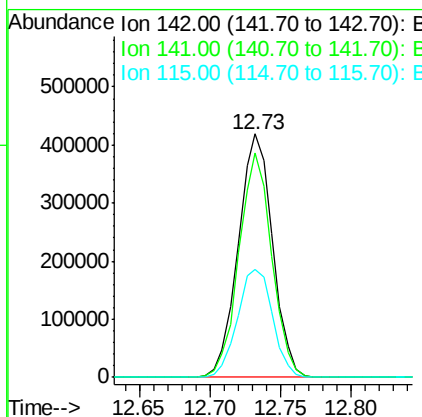
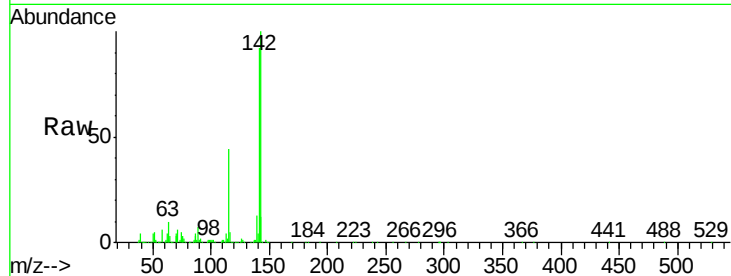
#37
2-Methylnaphthalene
Concen: 42.55 ng
RT: 12.73 min Scan# 1684
Delta R.T. -0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

Instrument :
BNA_G
ClientSampleId :
PB94433BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	709091		
141	92.3		70.4	105.6
115	44.4		35.5	53.3

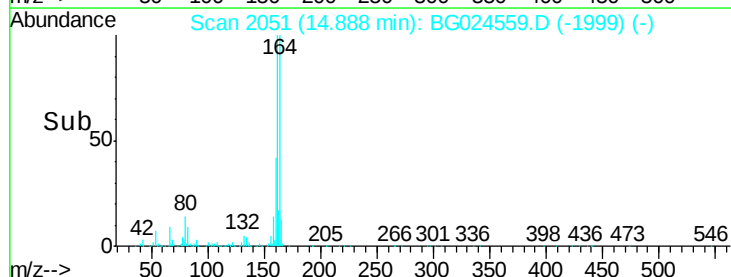
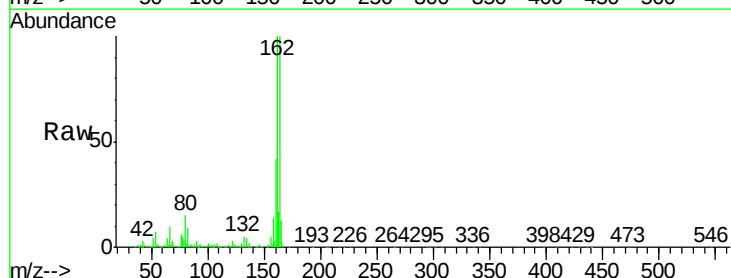
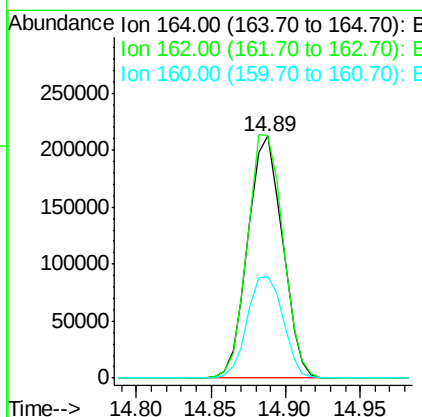
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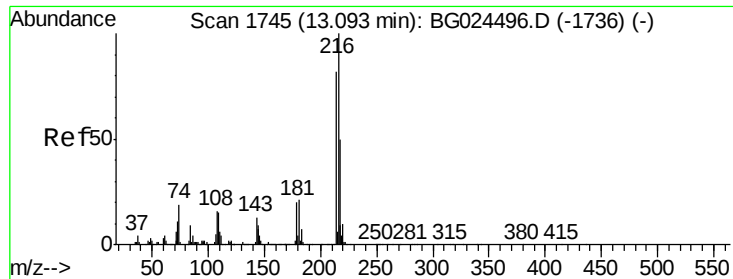
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.89 min Scan# 2051
Delta R.T. 0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	341308		
162	100.1		85.1	127.7
160	41.8		34.7	52.1





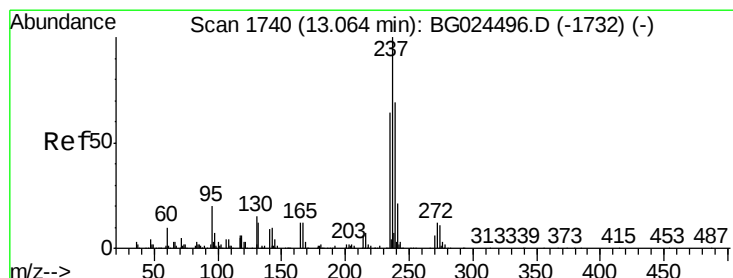
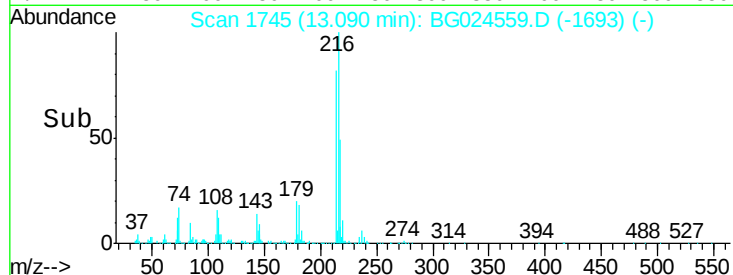
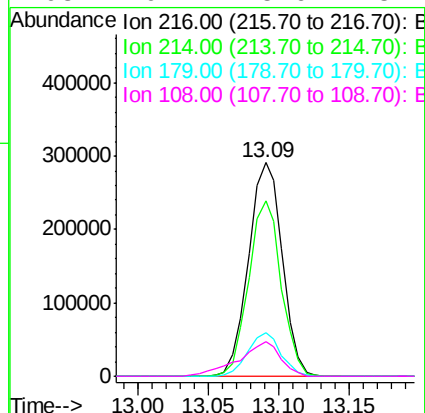
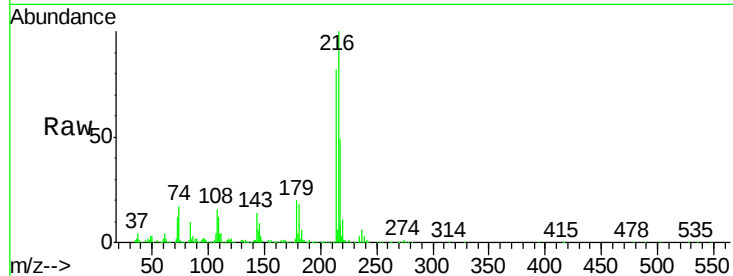
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.34 ng
 RT: 13.09 min Scan# 1745
 Delta R.T. 0.00 min
 Lab File: BG024559.D
 Acq: 31 Oct 2016 16:53

Instrument :
 BNA_G
 ClientSampleId :
 PB94433BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
216	100		
214	79.5	64.4	96.6
179	20.2	17.4	26.0
108	20.1	15.6	23.4

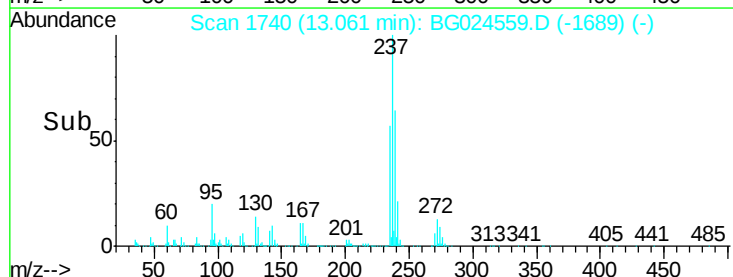
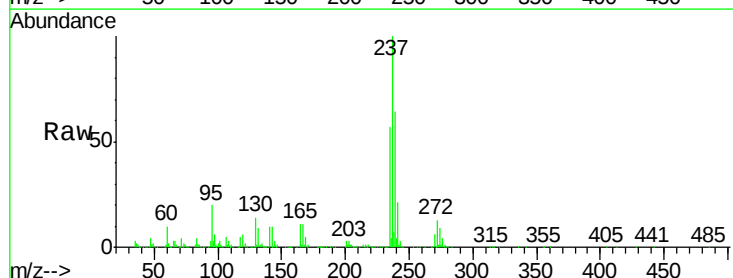
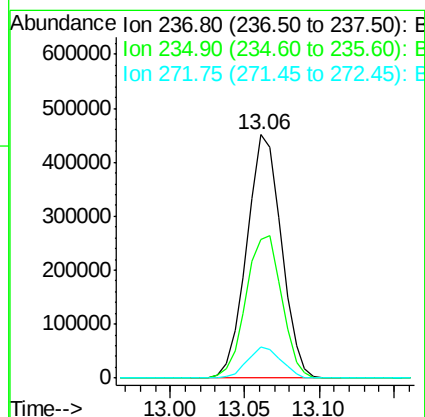
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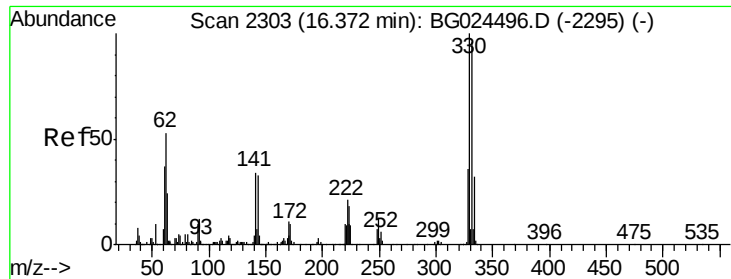
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#40
 Hexachlorocyclopentadiene
 Concen: 111.30 ng
 RT: 13.06 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG024559.D
 Acq: 31 Oct 2016 16:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	57.1	39.4	79.4
272	12.9	0.0	32.0





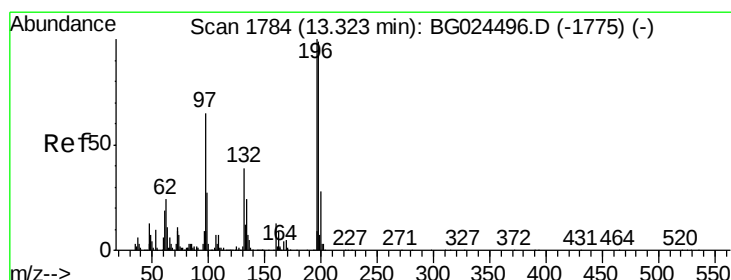
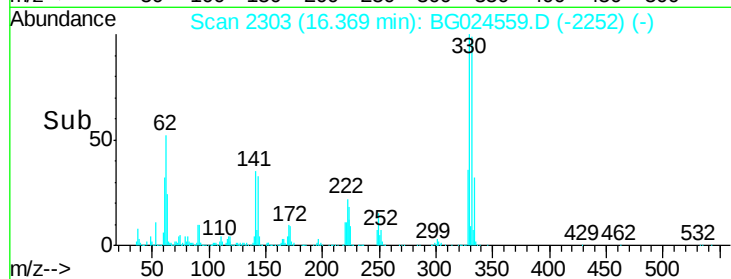
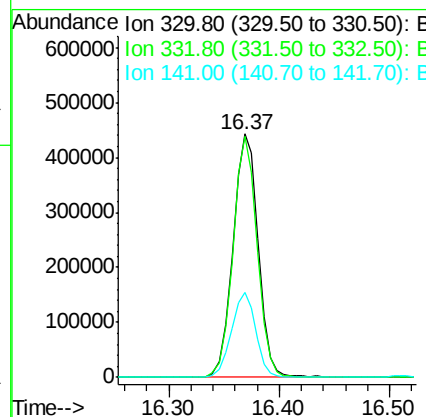
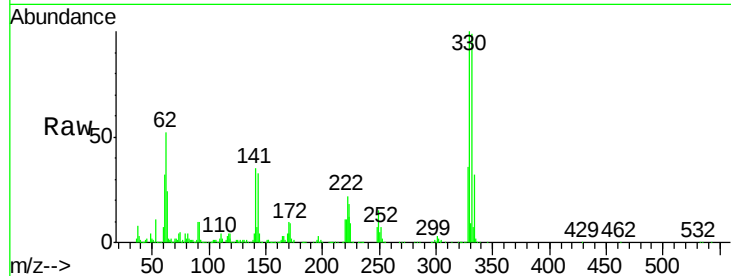
#41
 2,4,6-Tribromophenol
 Concen: 138.46 ng
 RT: 16.37 min Scan# 2303
 Delta R.T. -0.00 min
 Lab File: BG024559.D
 Acq: 31 Oct 2016 16:53

Instrument :
 BNA_G
 ClientSampled :
 PB94433BS

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.3	115.9
141	33.6	32.1	48.1

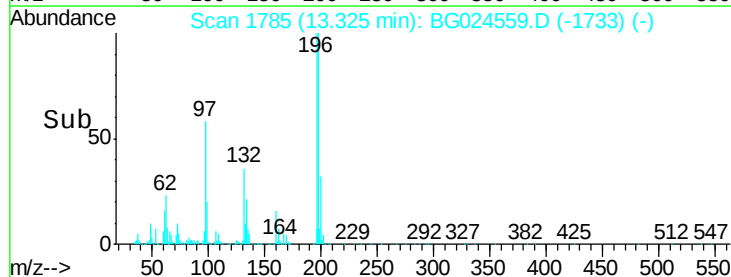
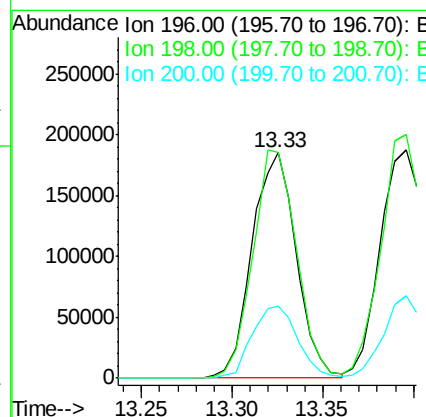
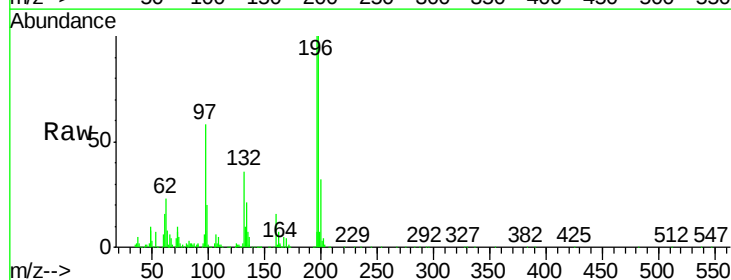
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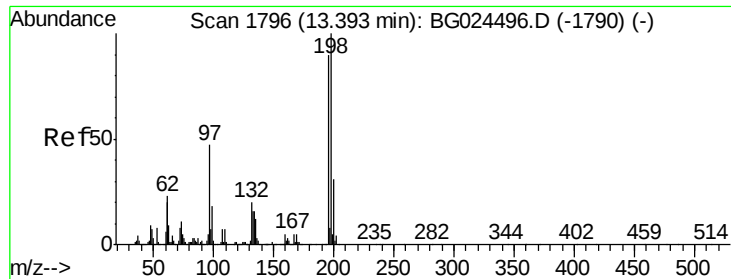
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#42
 2,4,6-Trichlorophenol
 Concen: 45.22 ng
 RT: 13.33 min Scan# 1785
 Delta R.T. 0.00 min
 Lab File: BG024559.D
 Acq: 31 Oct 2016 16:53

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.2	81.4	122.2
200	31.9	27.0	40.6





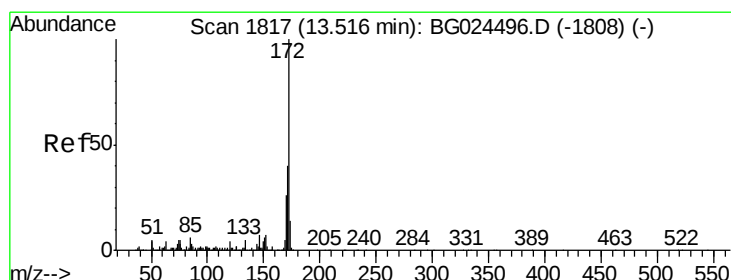
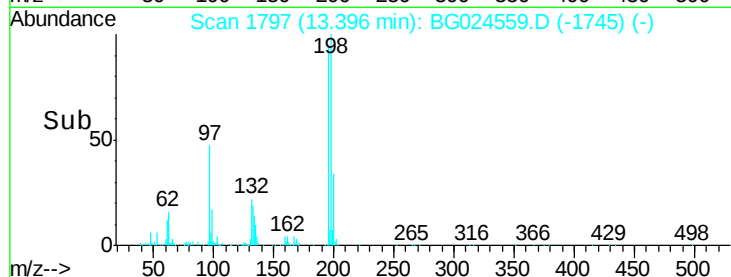
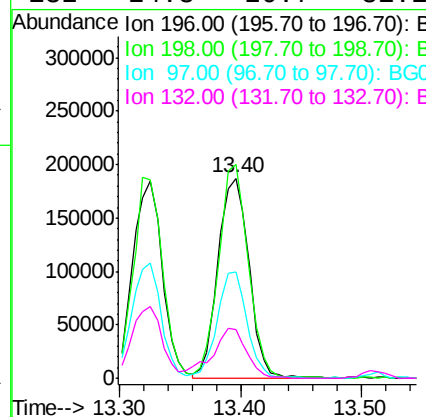
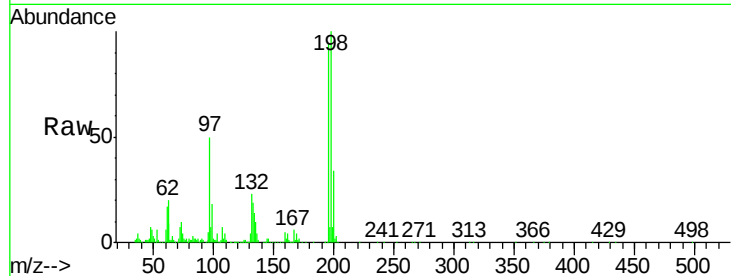
#43
 2,4,5-Trichlorophenol
 Concen: 44.25 ng
 RT: 13.40 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: BG024559.D
 Acq: 31 Oct 2016 16:53

Instrument :
 BNA_G
 ClientSampleId :
 PB94433BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	106.6	79.9	119.9	
97	53.2	45.4	68.0	
132	24.3	20.7	31.1	

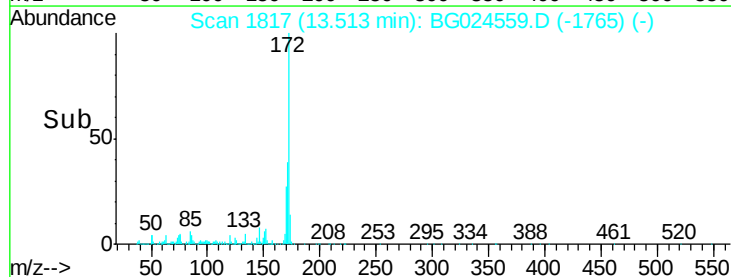
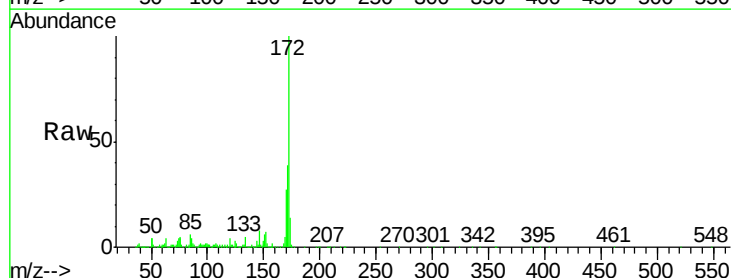
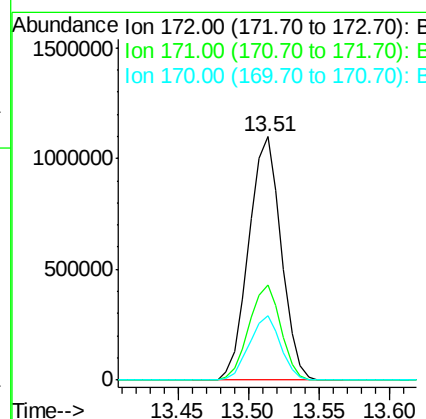
Manual Integrations
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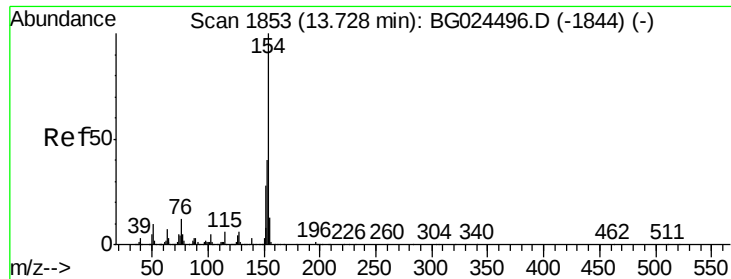
sohil
 11/1/2016 4:33:31 PM



#44
 2-Fluorobiphenyl
 Concen: 86.15 ng
 RT: 13.51 min Scan# 1817
 Delta R.T. 0.00 min
 Lab File: BG024559.D
 Acq: 31 Oct 2016 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	39.1	32.2	48.2	
170	26.7	21.8	32.6	





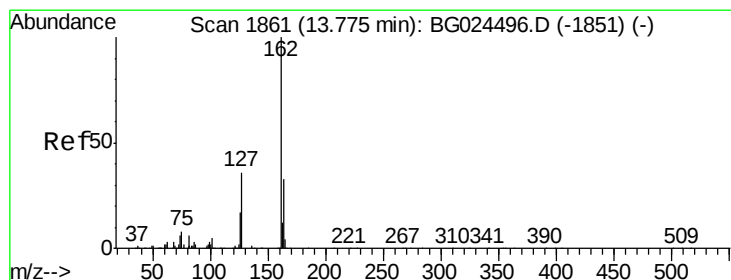
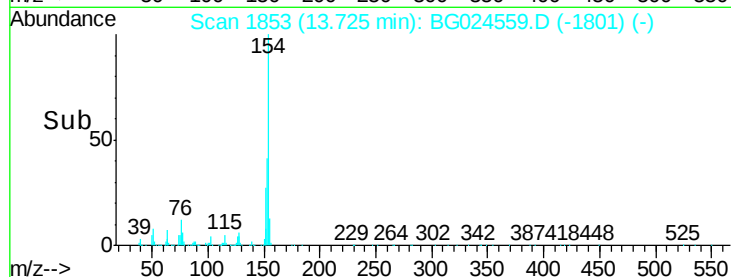
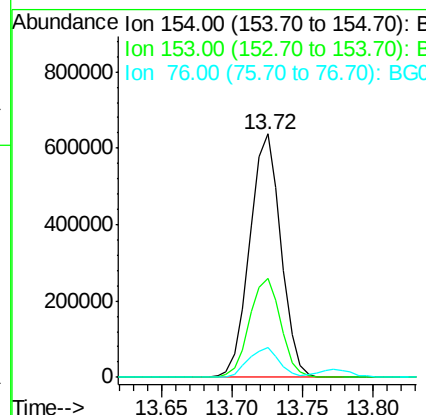
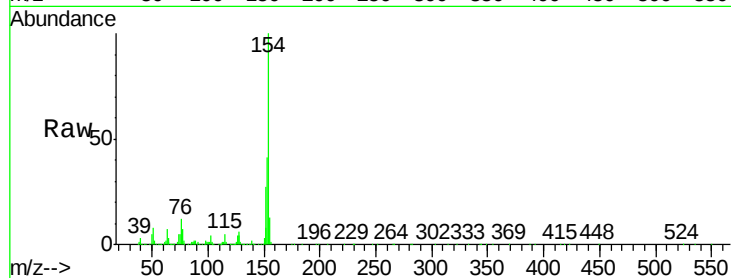
#45
 1,1'-Biphenyl
 Concen: 41.66 ng
 RT: 13.72 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: BG024559.D
 Acq: 31 Oct 2016 16:53

Instrument :
 BNA_G
 ClientSampleId :
 PB94433BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	23.0	63.0
76	12.5	0.0	33.5

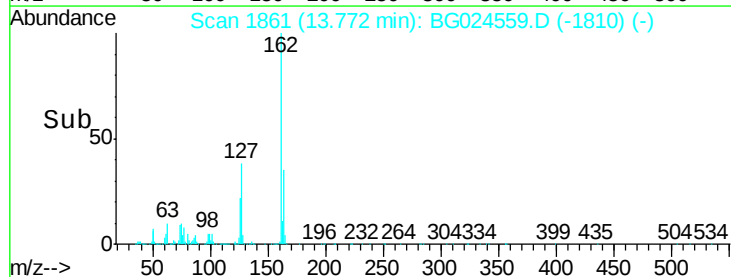
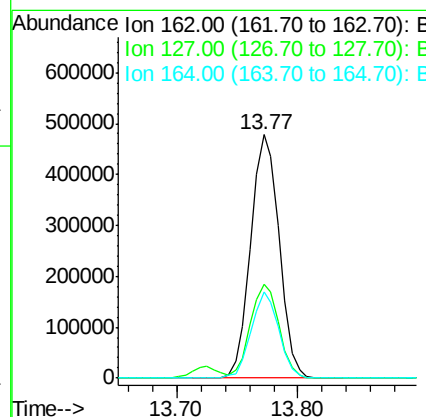
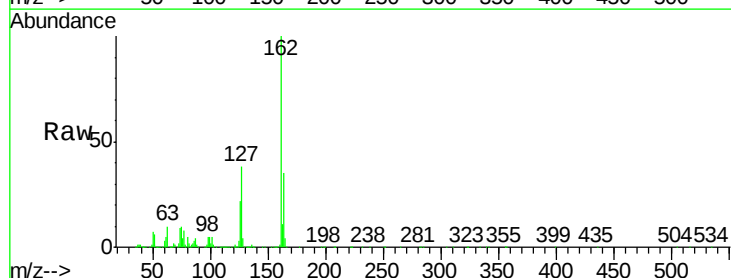
Manual Integrations
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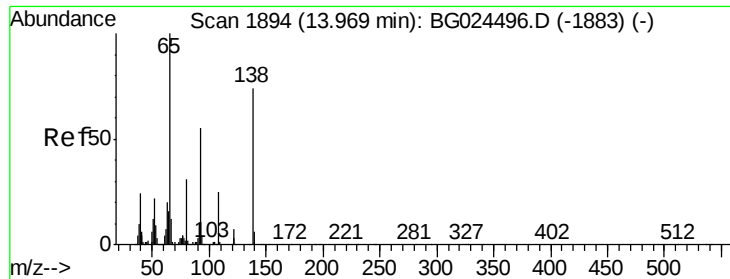
sohil
 11/1/2016 4:33:31 PM



#46
 2-Chloronaphthalene
 Concen: 43.59 ng
 RT: 13.77 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: BG024559.D
 Acq: 31 Oct 2016 16:53

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.3	32.2	48.4
164	35.4	27.3	40.9





#47

2-Nitroaniline

Concen: 45.31 ng

RT: 13.97 min Scan# 1895

Delta R.T. -0.00 min

Lab File: BG024559.D

Acq: 31 Oct 2016 16:53

Instrument :

BNA_G

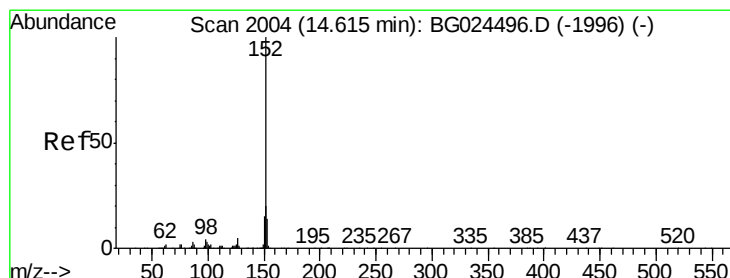
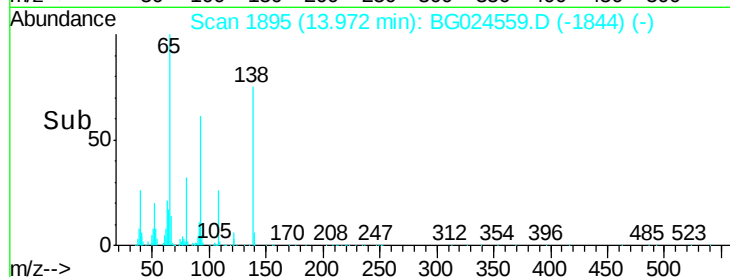
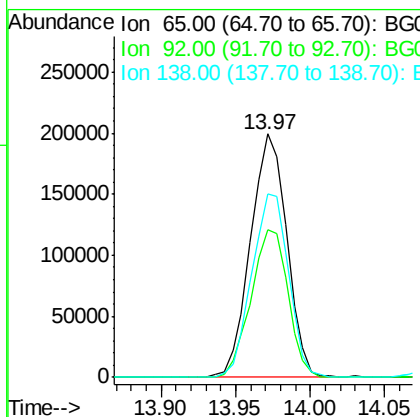
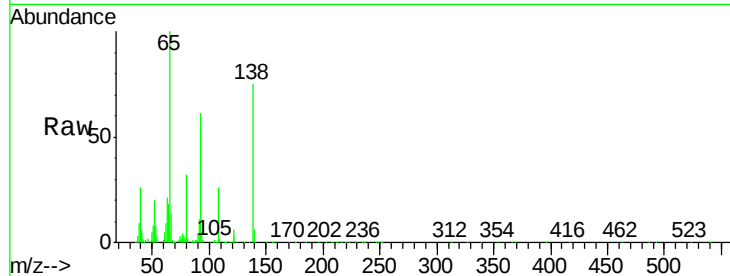
ClientSampled :

PB94433BS

Tgt Ion:	65	Resp:	334570
Ion Ratio	Lower	Upper	
65	100		
92	60.6	49.0	73.4
138	75.4	58.6	87.8

Manual Integrations
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#48

Acenaphthylene

Concen: 43.03 ng

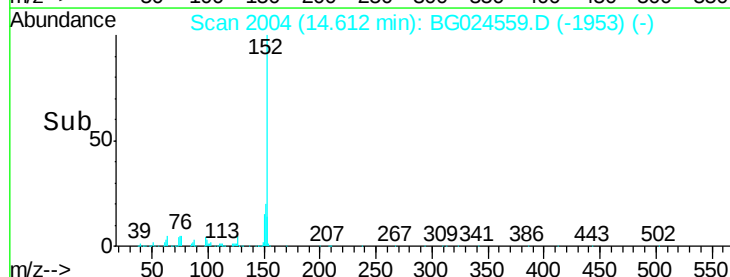
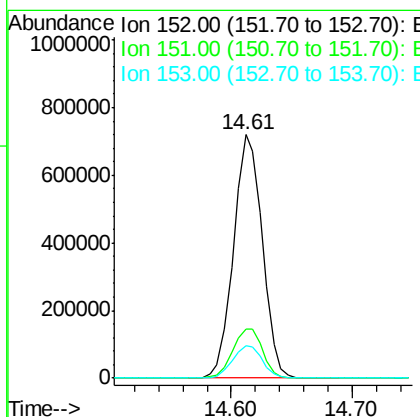
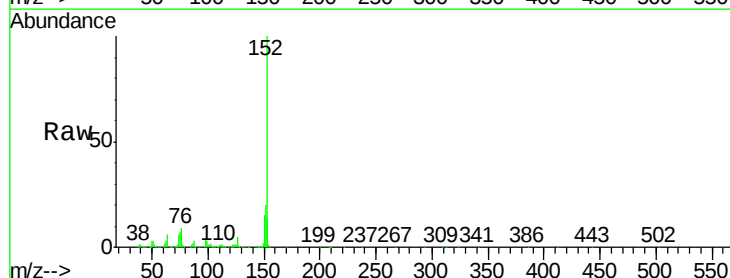
RT: 14.61 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BG024559.D

Acq: 31 Oct 2016 16:53

Tgt Ion:	152	Resp:	1190048
Ion Ratio	Lower	Upper	
152	100		
151	20.0	18.2	27.2
153	13.5	11.3	16.9





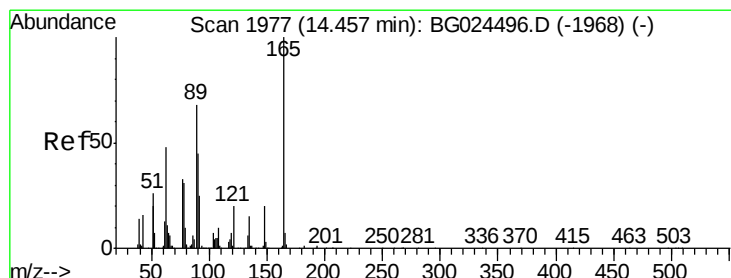
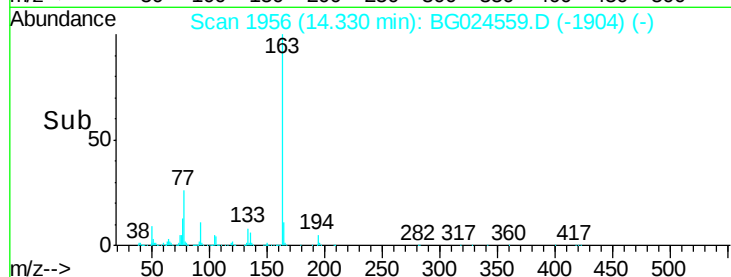
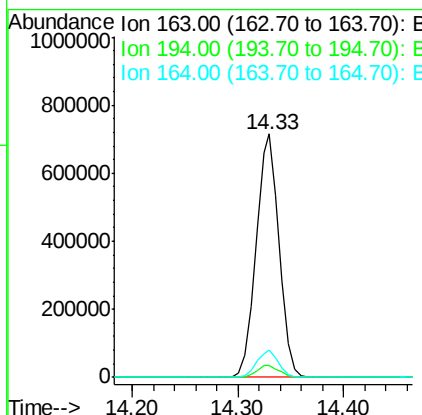
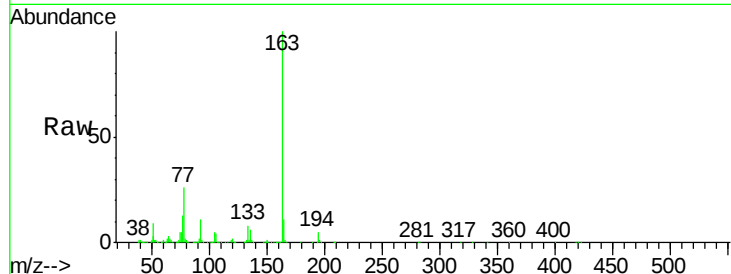
#49
Dimethylphthalate
Concen: 44.44 ng
RT: 14.33 min Scan# 1956
Delta R.T. 0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

Instrument :
BNA_G
ClientSampleId :
PB94433BS

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.8	5.6
164	11.2	9.3	13.9

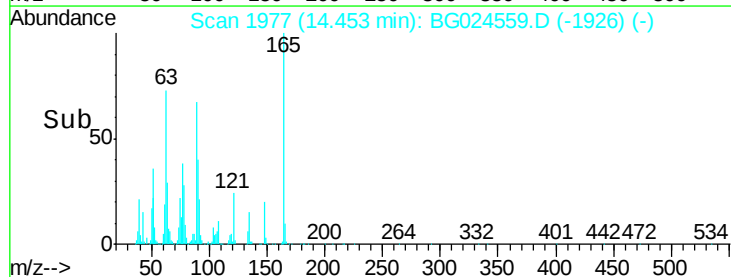
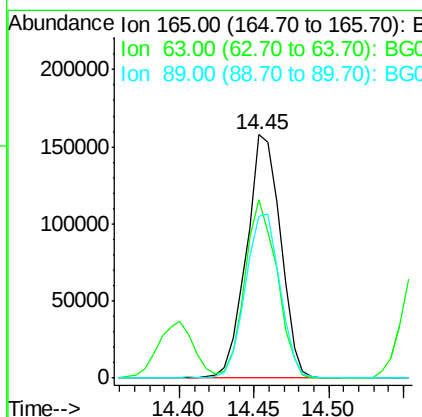
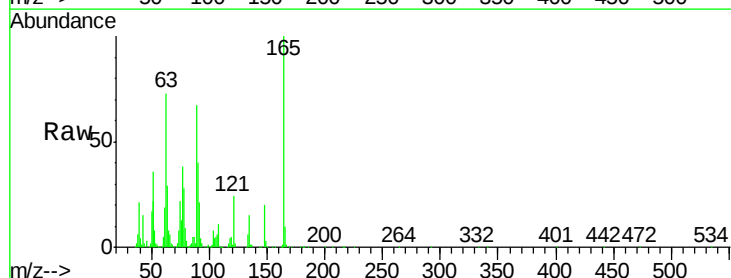
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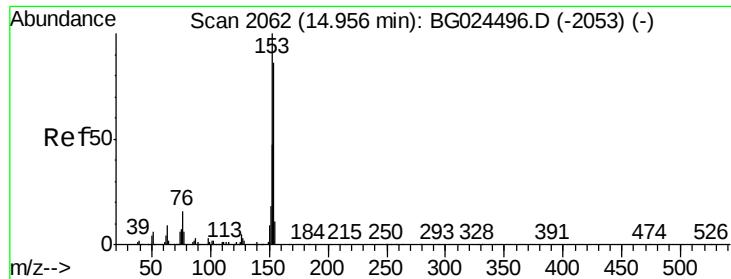
sohil
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#50
2,6-Dinitrotoluene
Concen: 47.89 ng
RT: 14.45 min Scan# 1977
Delta R.T. -0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

Tgt Ion	Ratio	Lower	Upper
165	100		
63	73.4	63.9	95.9
89	66.6	58.6	88.0





#51

Acenaphthene

Concen: 38.63 ng

RT: 14.95 min Scan# 2062

Delta R.T. 0.00 min

Lab File: BG024559.D

Acq: 31 Oct 2016 16:53

Instrument :

BNA_G

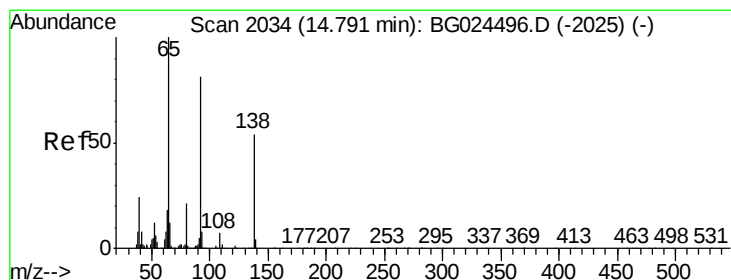
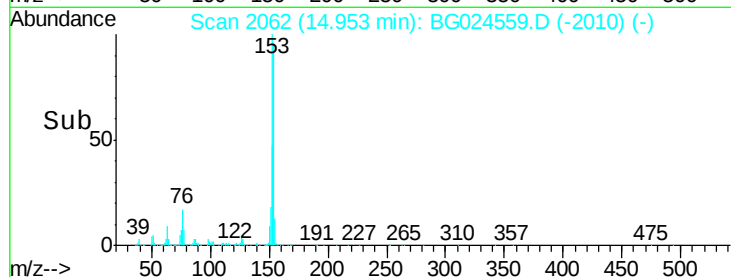
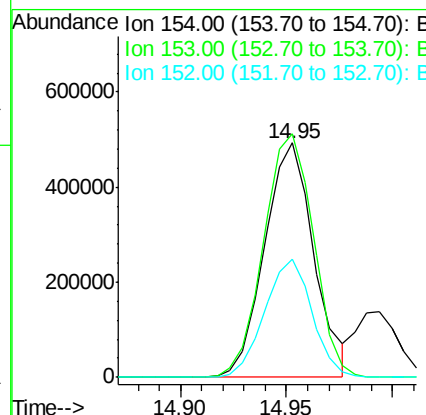
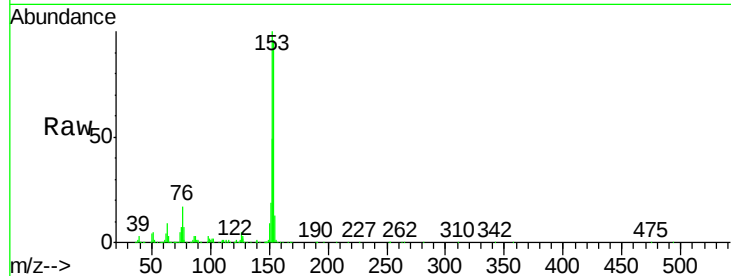
ClientSampleId :

PB94433BS

Tgt Ion:	154	Resp:	796469
Ion Ratio	Lower	Upper	
154	100		
153	104.0	87.8	131.6
152	50.6	42.2	63.4

Manual Integrations
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#52

3-Nitroaniline

Concen: 33.72 ng

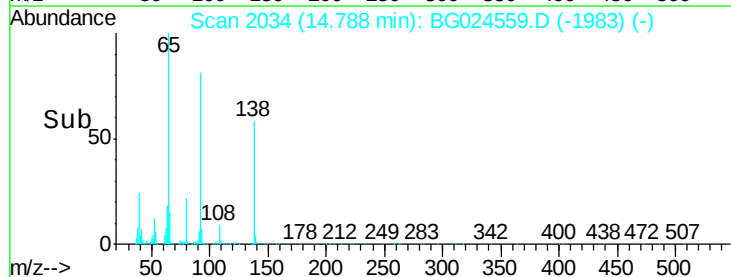
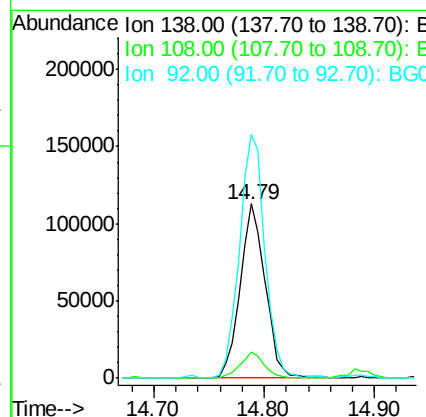
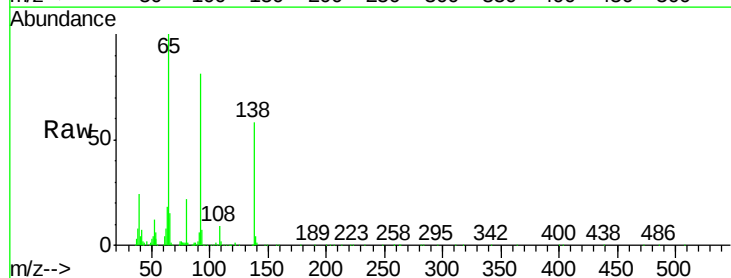
RT: 14.79 min Scan# 2034

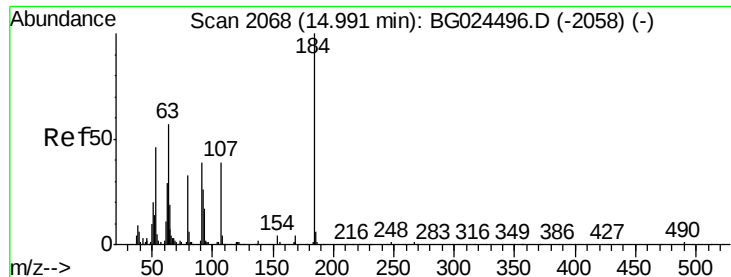
Delta R.T. -0.00 min

Lab File: BG024559.D

Acq: 31 Oct 2016 16:53

Tgt Ion:	138	Resp:	180467
Ion Ratio	Lower	Upper	
138	100		
108	14.9	10.9	16.3
92	139.6	115.3	172.9





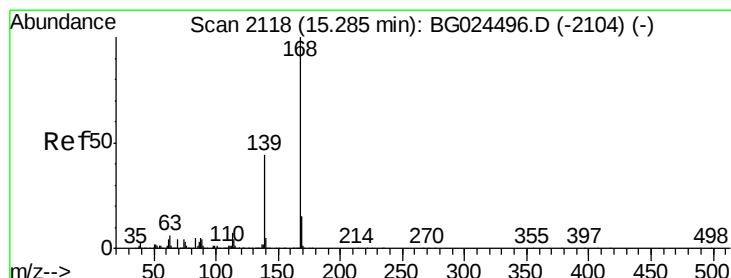
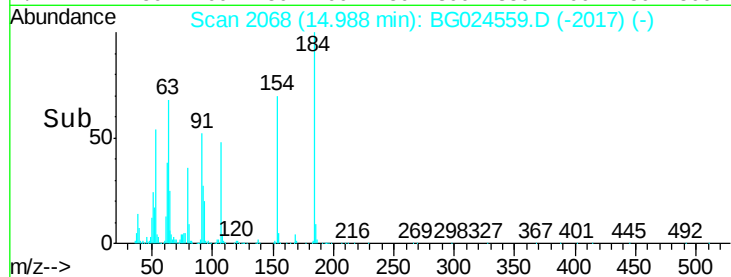
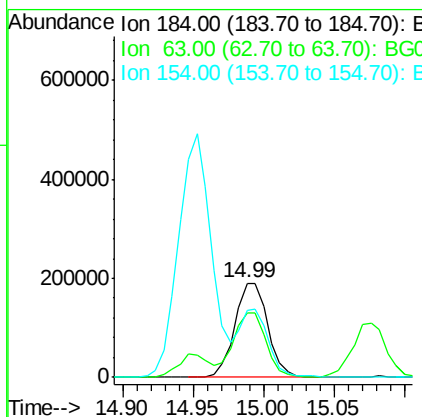
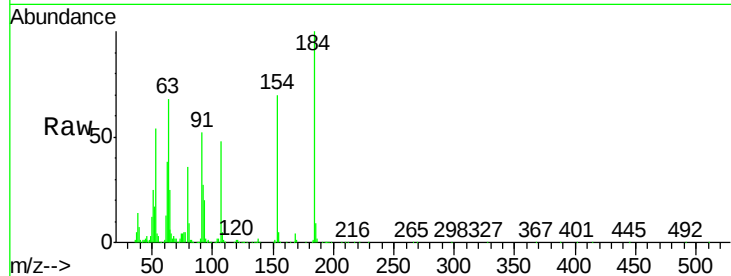
#53
2,4-Dinitrophenol
Concen: 83.17 ng
RT: 14.99 min Scan# 2068
Delta R.T. -0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

Instrument :
BNA_G
ClientSampleId :
PB94433BS

Tgt Ion	Ratio	Lower	Upper
184	100		
63	68.4	52.7	79.1
154	70.4	57.3	85.9

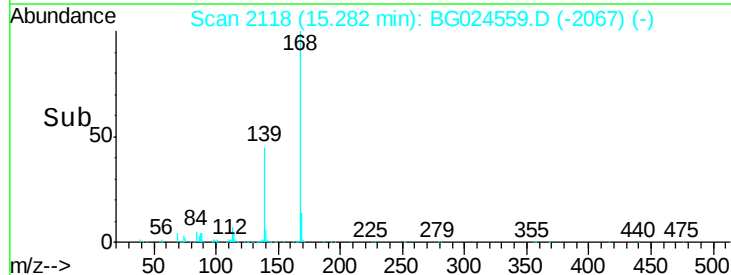
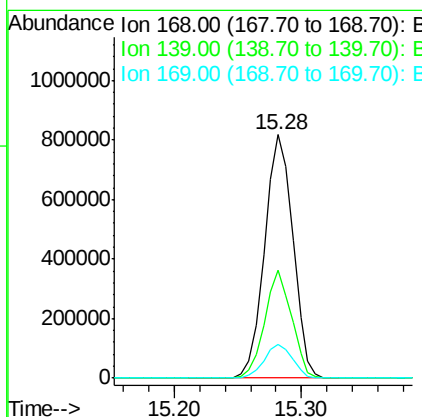
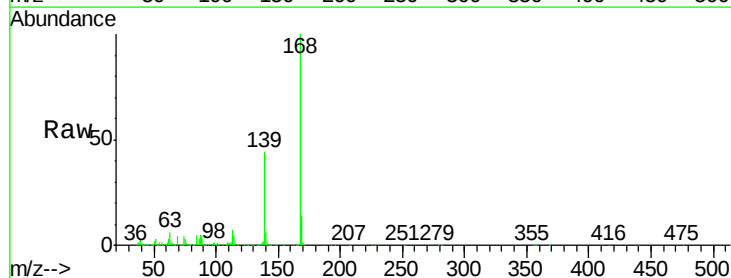
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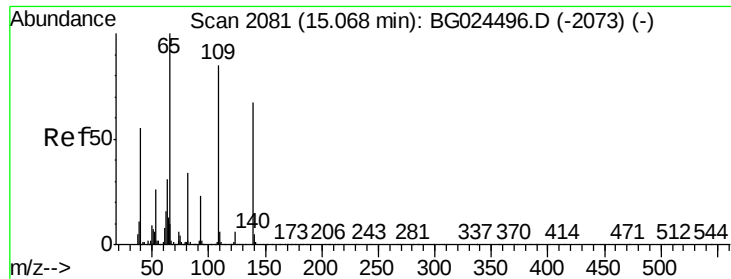
sohil
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#54
Dibenzofuran
Concen: 44.64 ng
RT: 15.28 min Scan# 2118
Delta R.T. -0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

Tgt Ion	Ratio	Lower	Upper
168	100		
139	44.4	35.3	52.9
169	13.7	11.5	17.3





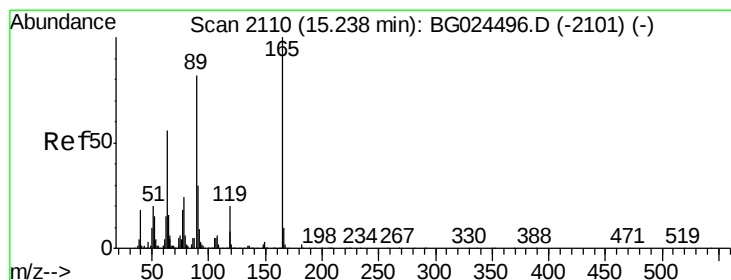
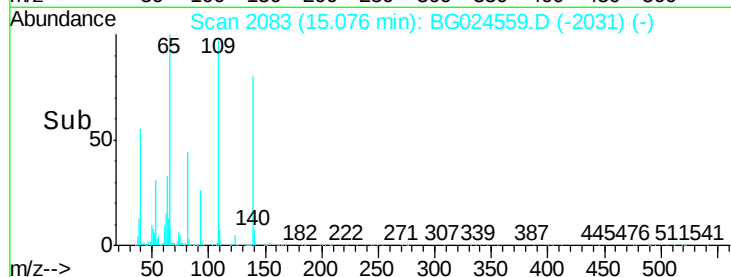
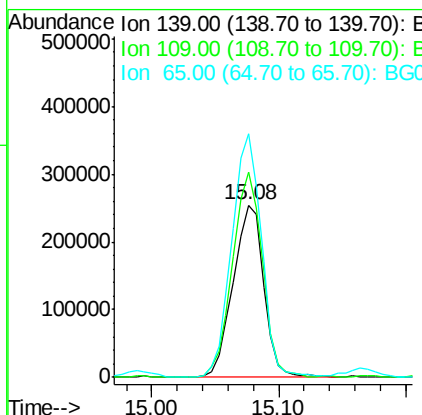
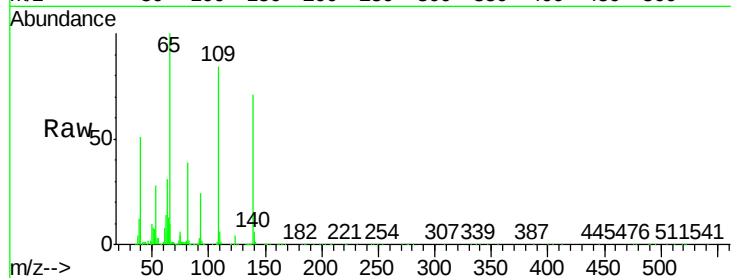
#55
4-Nitrophenol
Concen: 91.34 ng
RT: 15.08 min Scan# 2083
Delta R.T. 0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

Instrument :
BNA_G
ClientSampleId :
PB94433BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	119.3	101.2	141.2	
65	141.3	135.3	175.3	

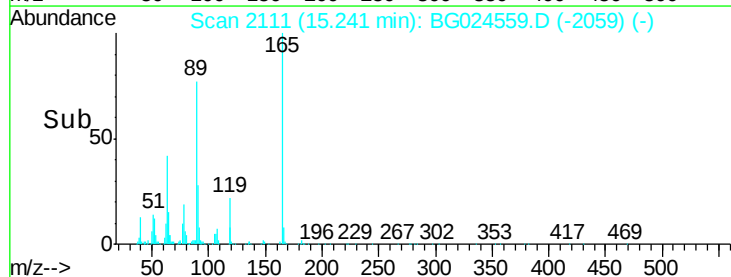
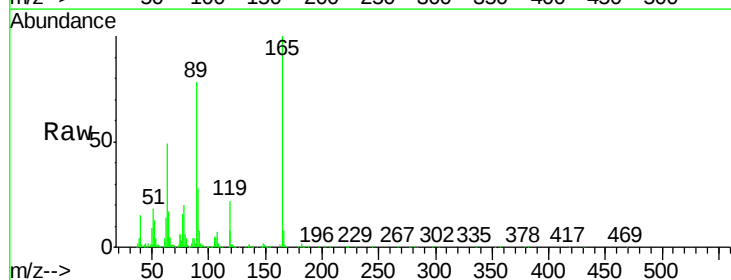
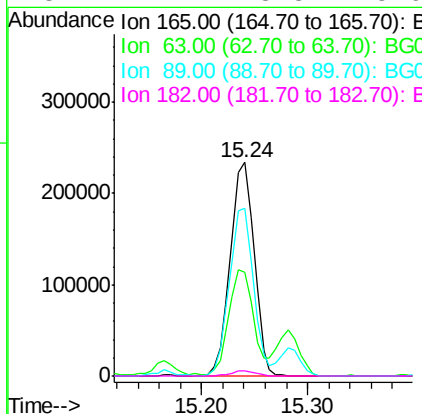
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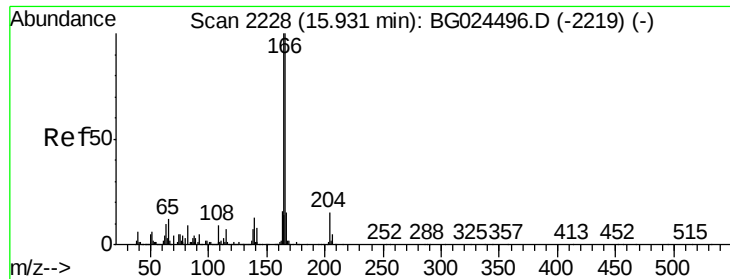
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#56
2,4-Dinitrotoluene
Concen: 48.69 ng
RT: 15.24 min Scan# 2111
Delta R.T. 0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	48.6	44.0	66.0	
89	78.2	67.3	100.9	
182	2.4	3.8	5.6#	





#57

Fluorene

Concen: 43.79 ng

RT: 15.93 min Scan# 2228

Delta R.T. -0.00 min

Lab File: BG024559.D

Acq: 31 Oct 2016 16:53

Instrument :

BNA_G

ClientSampleId :

PB94433BS

Tgt Ion:166 Resp: 1035185

Ion Ratio Lower Upper

166 100

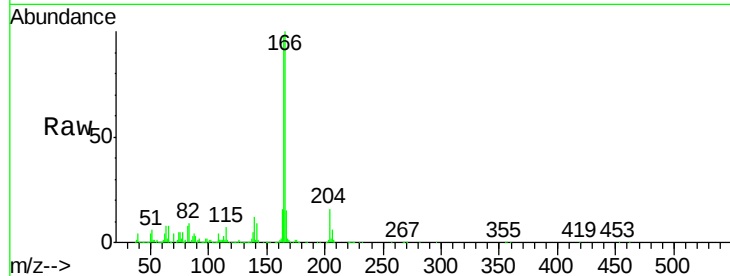
165 97.9 78.6 117.8

167 14.7 11.6 17.4

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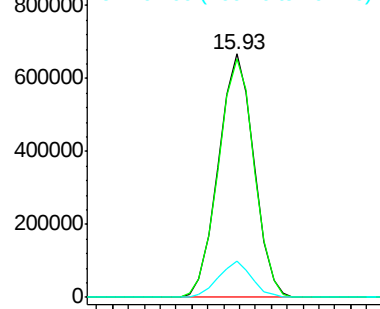
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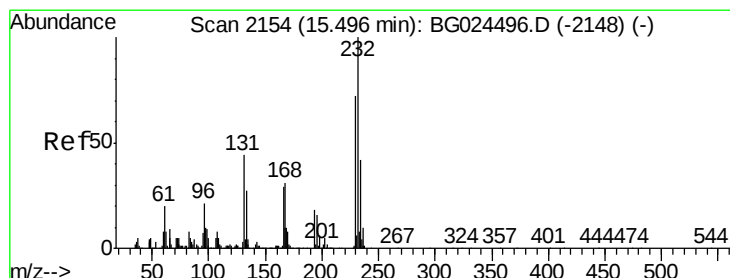
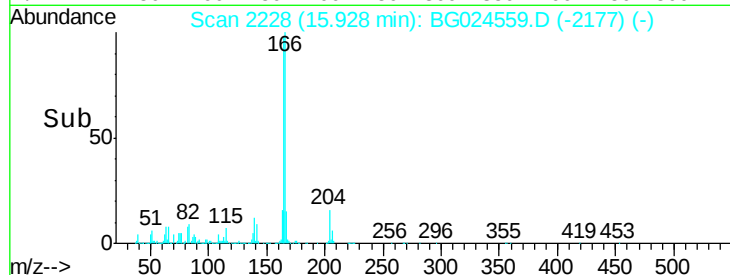
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->



#58

2,3,4,6-Tetrachlorophenol

Concen: 47.04 ng

RT: 15.50 min Scan# 2155

Delta R.T. 0.00 min

Lab File: BG024559.D

Acq: 31 Oct 2016 16:53

Tgt Ion:232 Resp: 364876

Ion Ratio Lower Upper

232 100

131 38.3 34.9 52.3

130 2.4 2.3 3.5

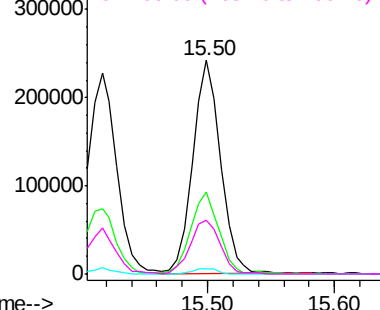
166 27.3 24.2 36.4

Abundance Ion 232.00 (231.70 to 232.70): E

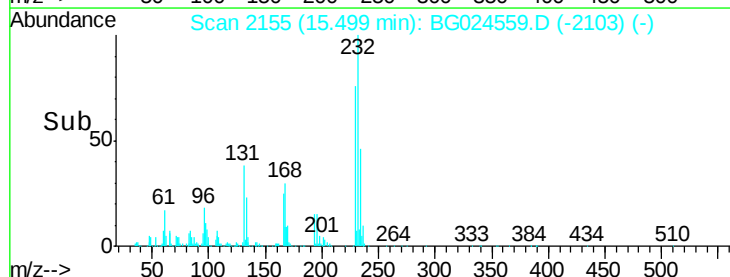
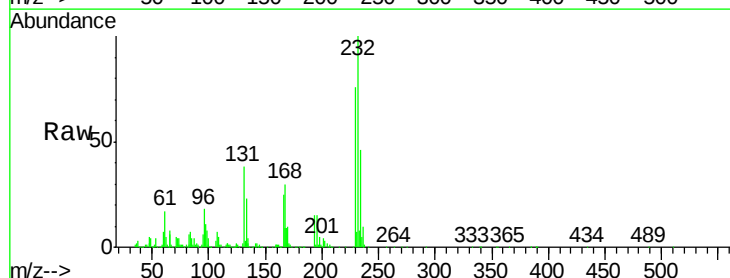
Ion 131.00 (130.70 to 131.70): E

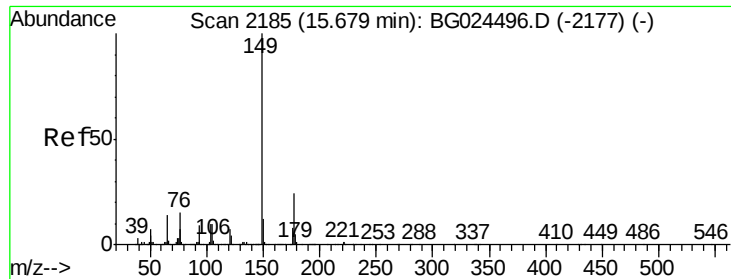
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



Time-->





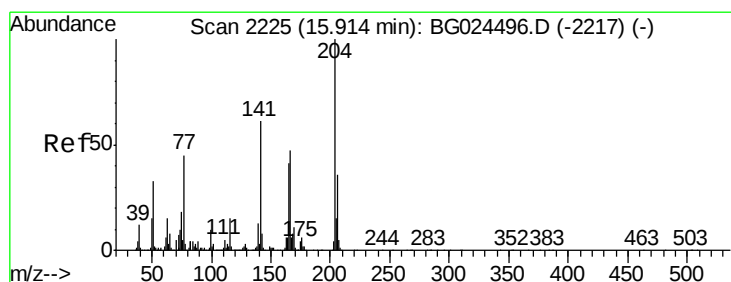
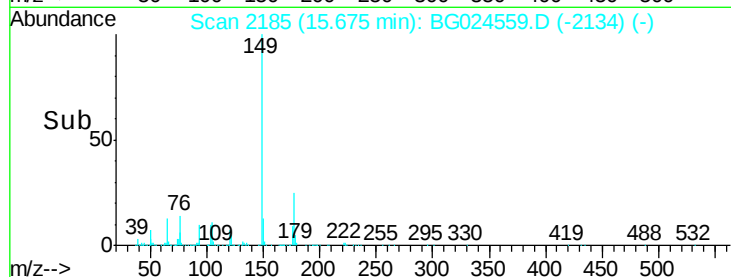
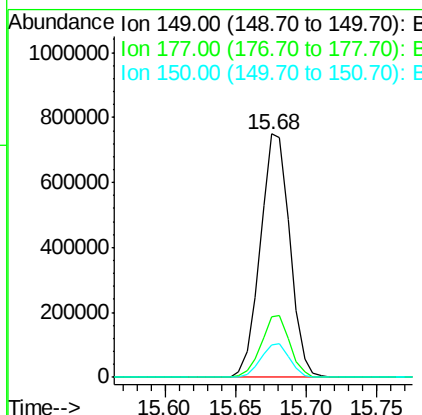
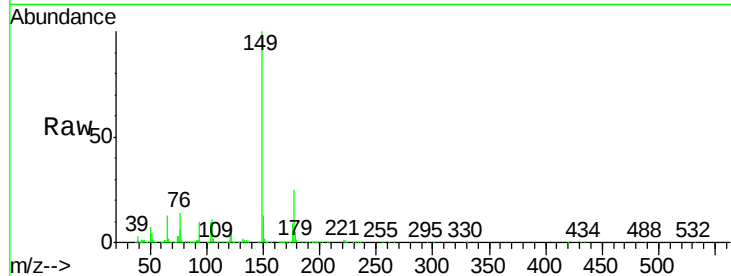
#59
Diethylphthalate
Concen: 43.39 ng
RT: 15.68 min Scan# 2185
Delta R.T. -0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

Instrument :
BNA_G
ClientSampleId :
PB94433BS

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.7	20.1	30.1
150	13.4	10.2	15.2

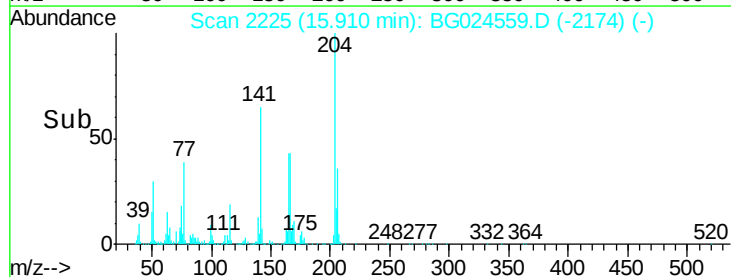
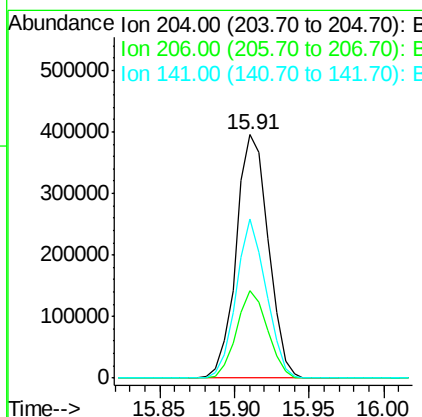
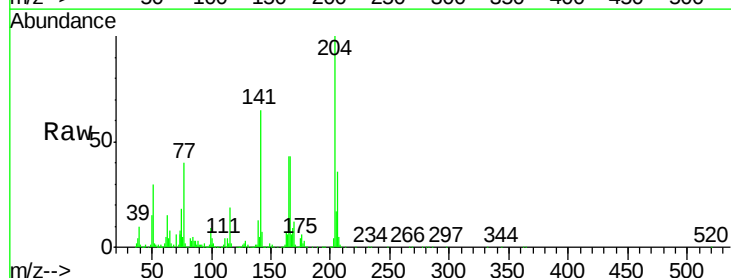
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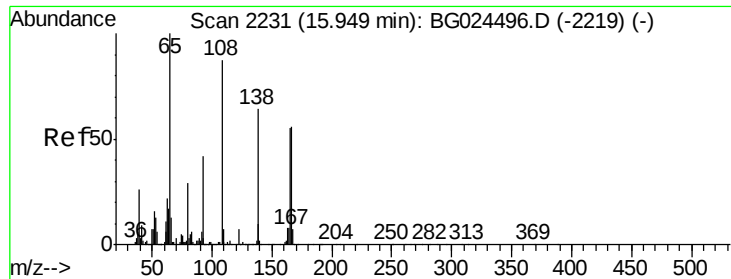
sohil
11/1/2016 4:33:31 PM



#60
4-Chlorophenyl-phenylether
Concen: 44.54 ng
RT: 15.91 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

Tgt Ion	Ratio	Lower	Upper
204	100		
206	36.1	30.1	45.1
141	65.4	50.6	76.0





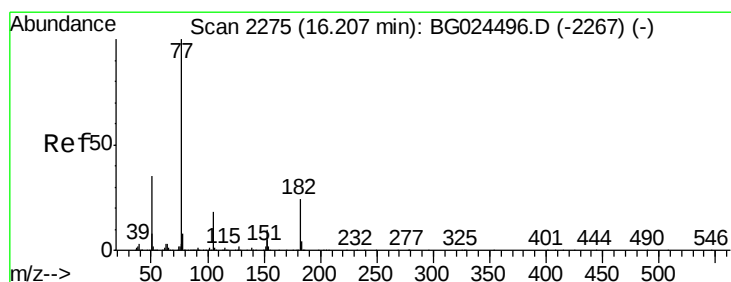
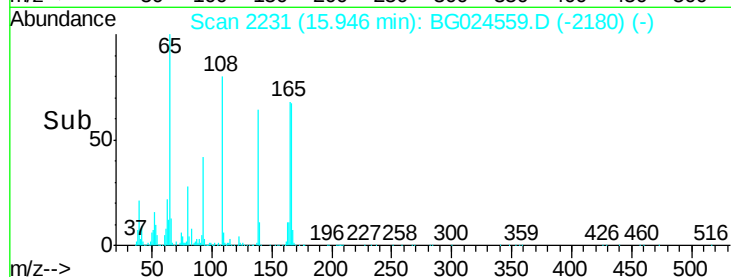
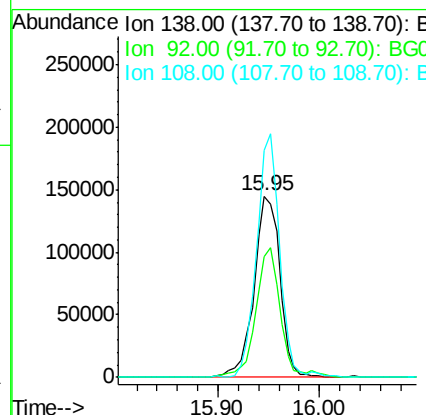
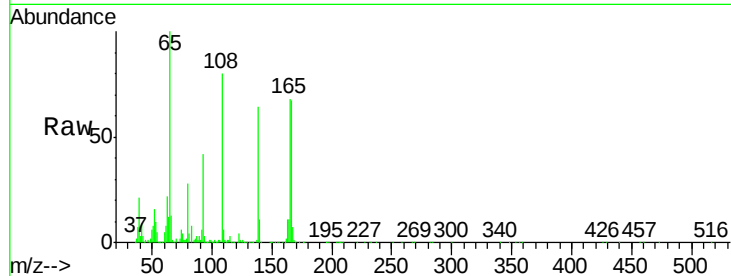
#61
4-Nitroaniline
Concen: 44.43 ng
RT: 15.95 min Scan# 2231
Delta R.T. -0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

Instrument :
BNA_G
ClientSampleId :
PB94433BS

Tgt Ion	Ratio	Lower	Upper
138	100		
92	66.4	44.2	84.2
108	124.8	104.8	144.8

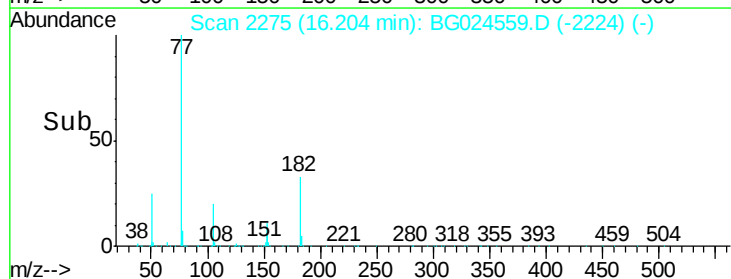
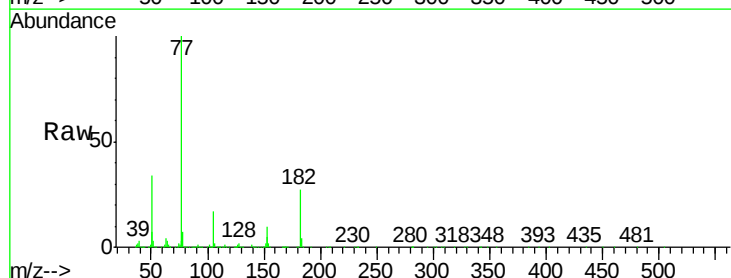
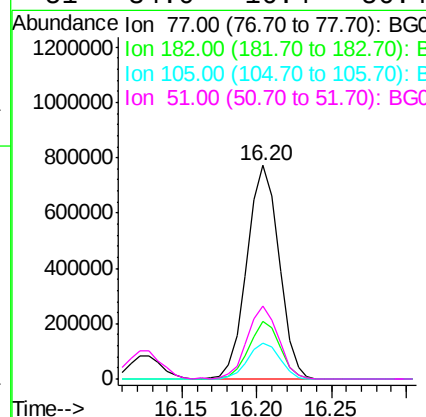
Manual Integrations
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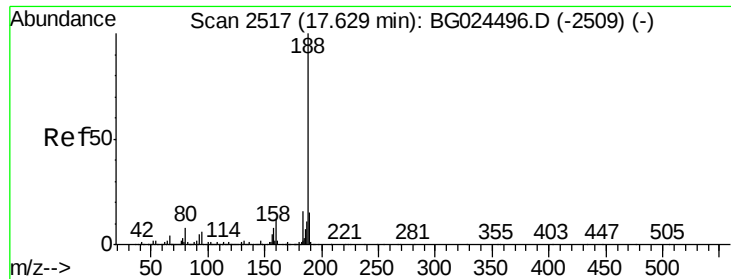
sohil
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#62
Azobenzene
Concen: 45.22 ng
RT: 16.20 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.2	4.7	44.7
105	16.5	0.0	36.3
51	34.0	16.4	56.4





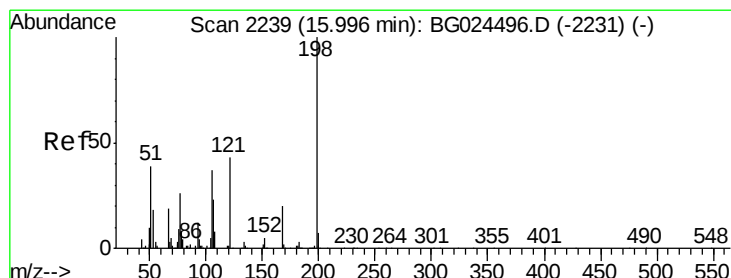
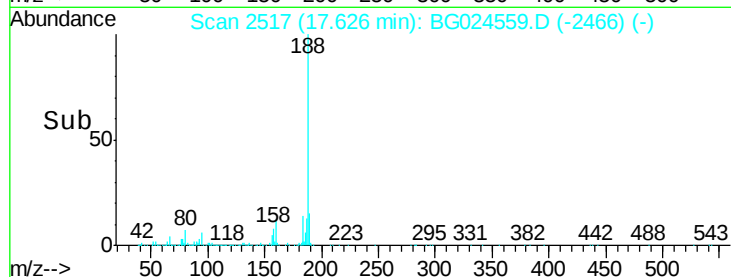
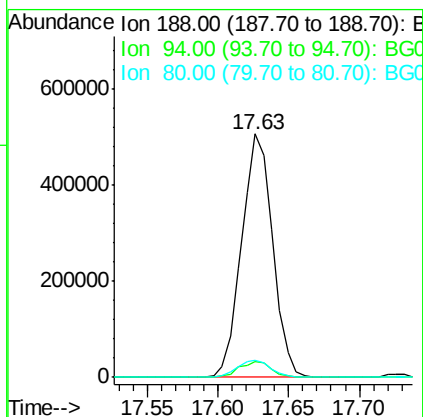
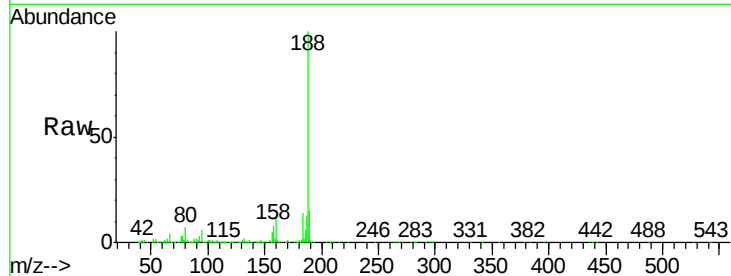
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.63 min Scan# 2517
Delta R.T. -0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

Instrument :
BNA_G
ClientSampleId :
PB94433BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	6.5	5.8	8.8
80	7.1	7.5	11.3#

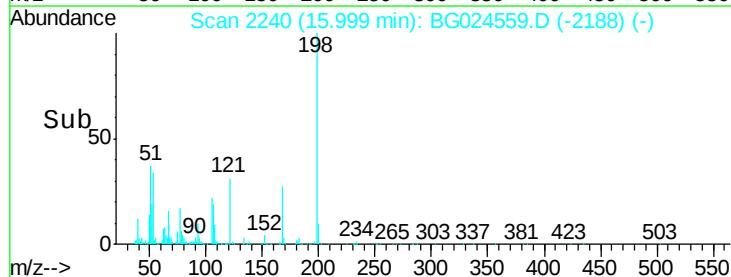
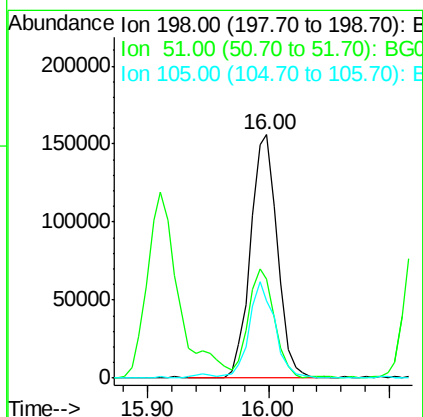
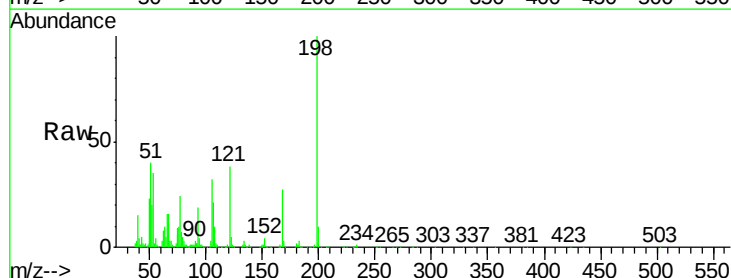
Manual Integrations
APPROVED

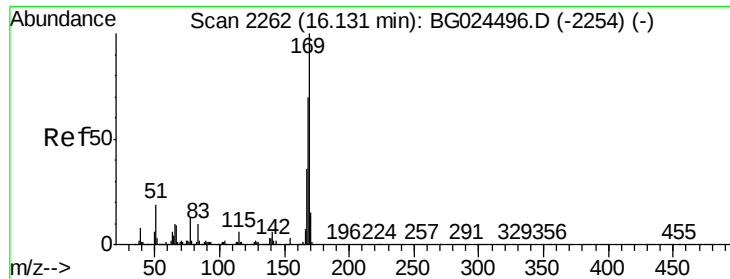
sohil
11/1/2016 4:33:31 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 45.00 ng
RT: 16.00 min Scan# 2240
Delta R.T. 0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	40.5	22.6	62.6
105	31.7	14.4	54.4





#65

n-Nitrosodiphenylamine

Concen: 46.45 ng

RT: 16.13 min Scan# 2262

Delta R.T. 0.00 min

Lab File: BG024559.D

Acq: 31 Oct 2016 16:53

Instrument :

BNA_G

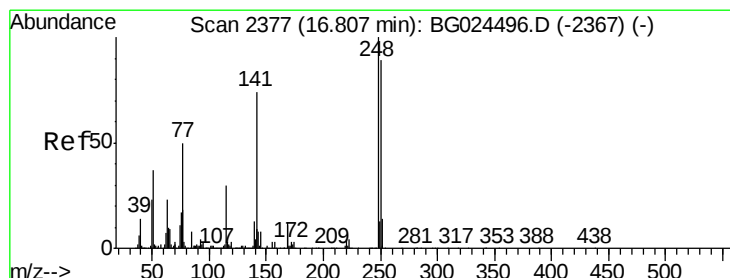
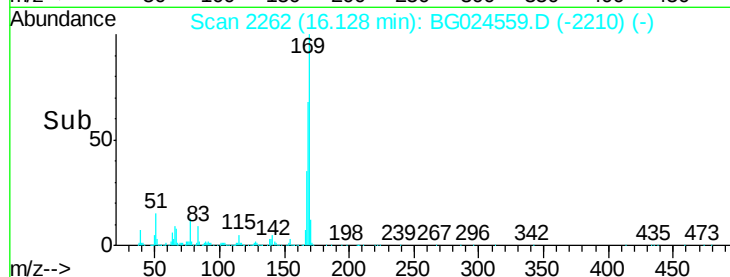
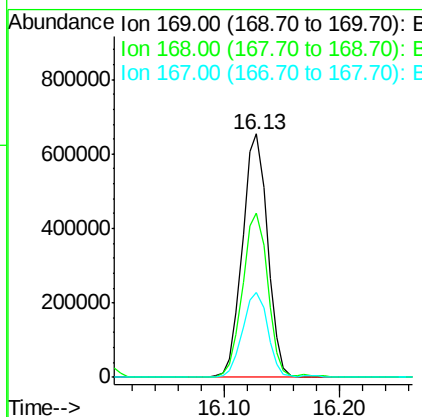
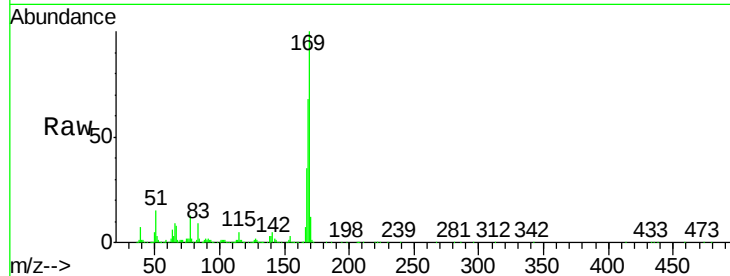
ClientSampleId :

PB94433BS

Tgt Ion:	169	Resp:	989313
Ion Ratio	Lower	Upper	
169	100		
168	67.6	55.7	83.5
167	35.0	29.8	44.6

Manual Integrations
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#66

4-Bromophenyl-phenylether

Concen: 46.28 ng

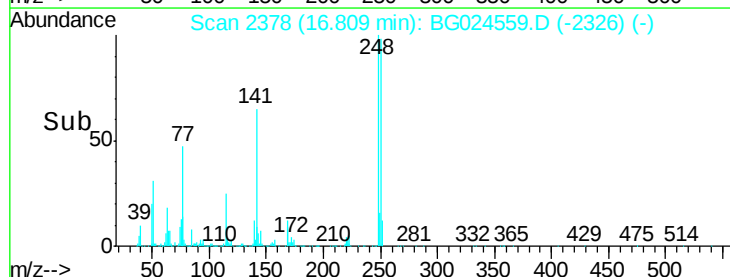
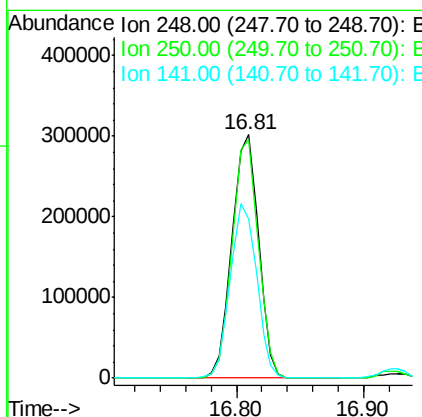
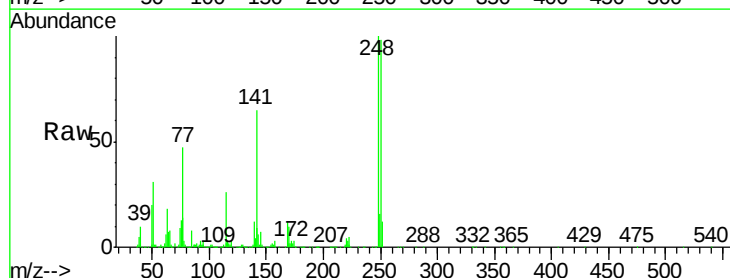
RT: 16.81 min Scan# 2378

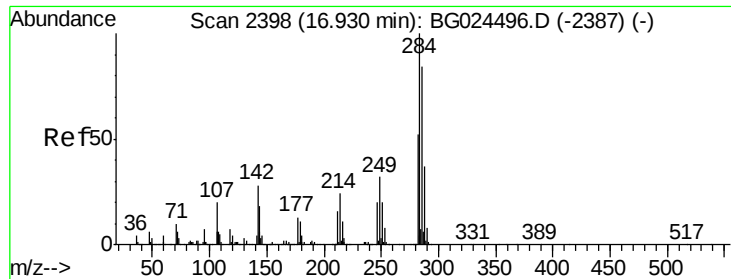
Delta R.T. 0.00 min

Lab File: BG024559.D

Acq: 31 Oct 2016 16:53

Tgt Ion:	248	Resp:	437731
Ion Ratio	Lower	Upper	
248	100		
250	98.0	75.0	112.6
141	65.3	55.2	82.8





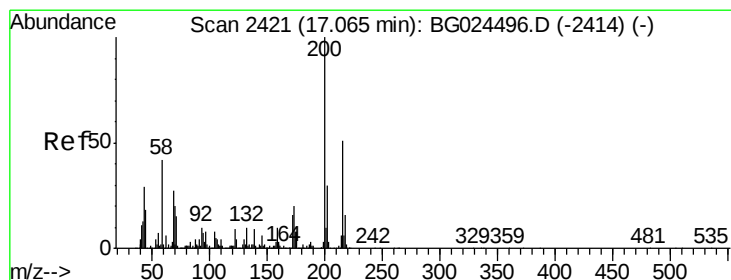
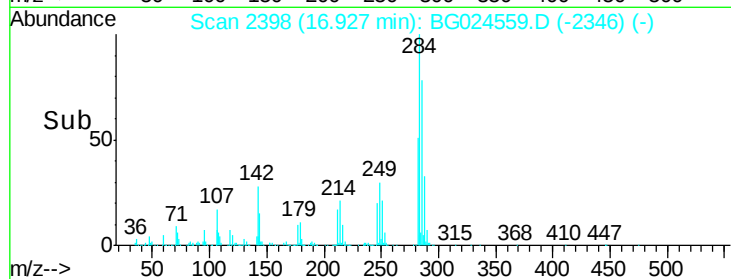
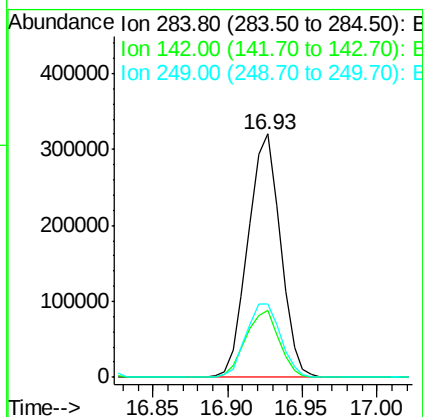
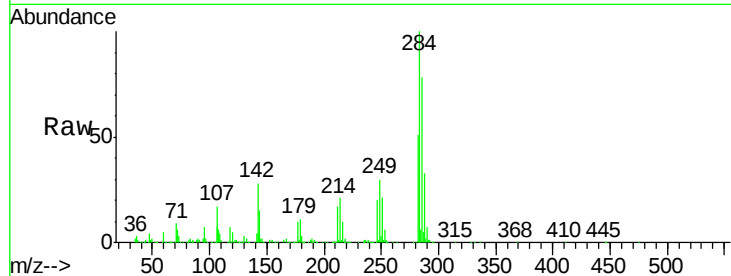
#67
Hexachlorobenzene
Concen: 45.98 ng
RT: 16.93 min Scan# 2398
Delta R.T. 0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

Instrument :
BNA_G
ClientSampleId :
PB94433BS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	480460		
142	27.6	29.9	44.9#	
249	30.4	29.2	43.8	

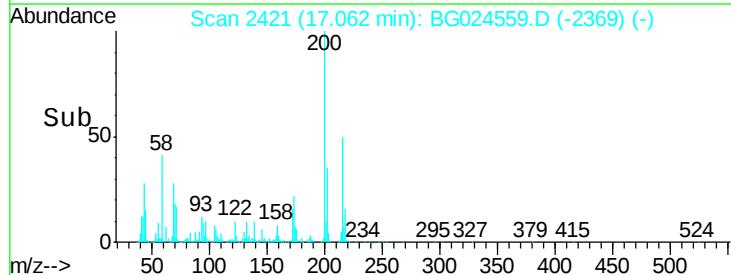
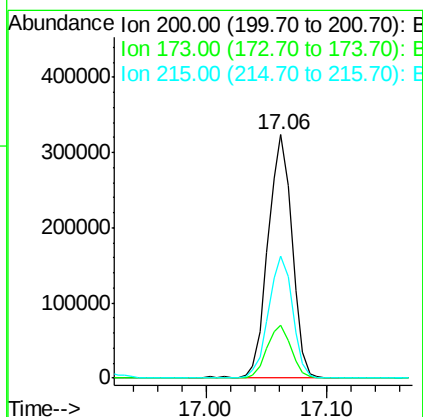
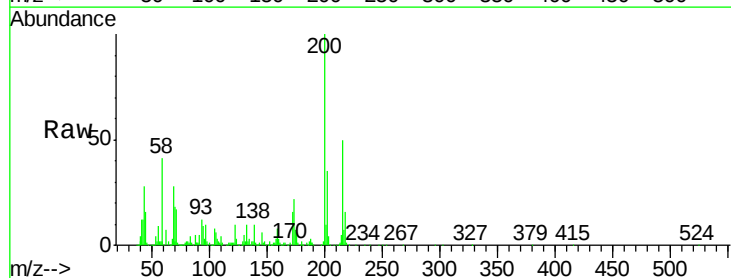
Manual Integrations
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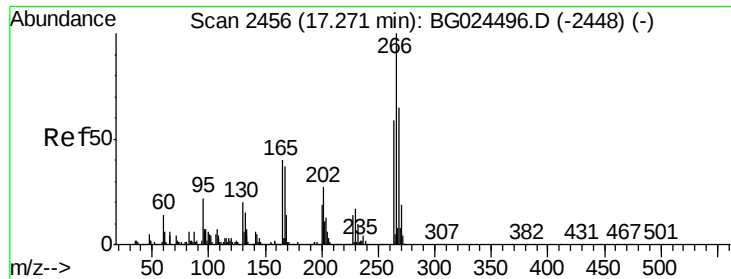
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#68
Atrazine
Concen: 48.64 ng
RT: 17.06 min Scan# 2421
Delta R.T. 0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	444344		
173	21.5	3.0	43.0	
215	50.3	28.4	68.4	





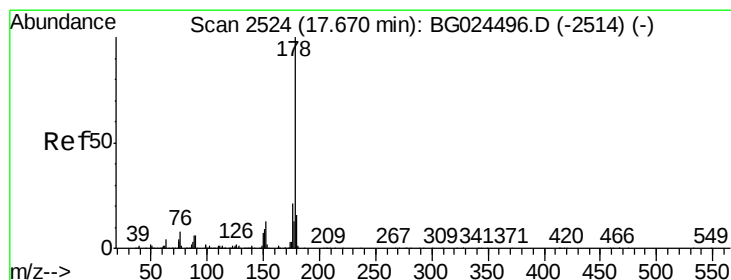
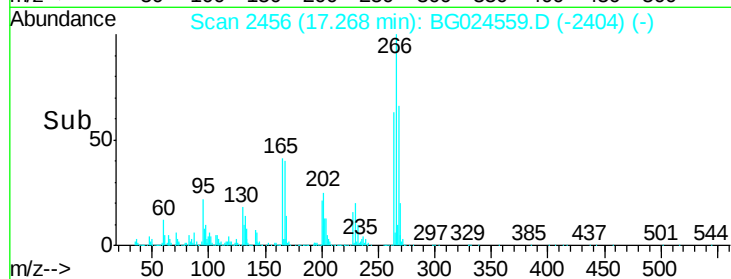
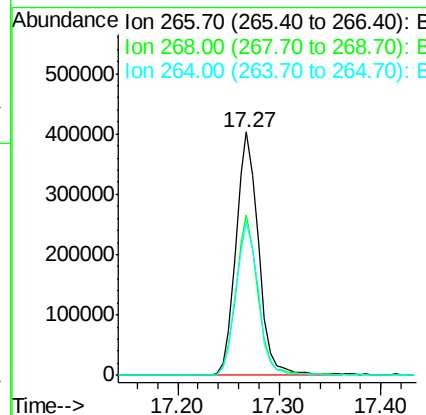
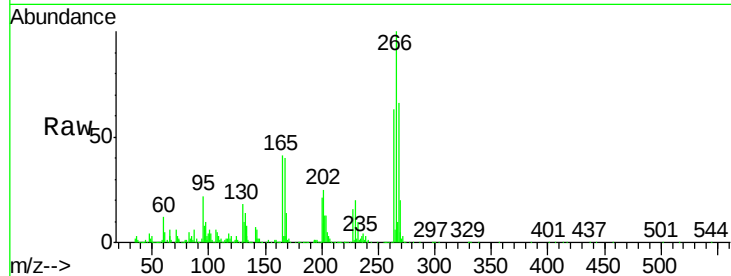
#69
 Pentachlorophenol
 Concen: 90.41 ng
 RT: 17.27 min Scan# 2456
 Delta R.T. 0.00 min
 Lab File: BG024559.D
 Acq: 31 Oct 2016 16:53

Instrument :
 BNA_G
 ClientSampleId :
 PB94433BS

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.8	48.6	72.8
264	63.3	50.1	75.1

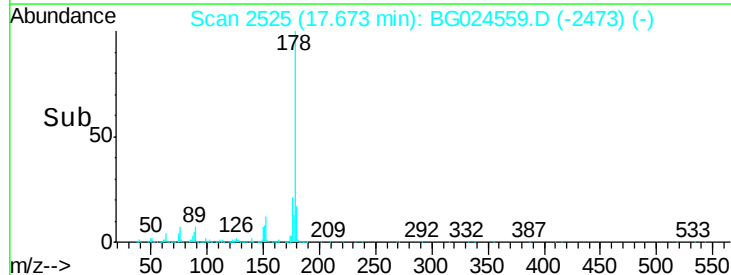
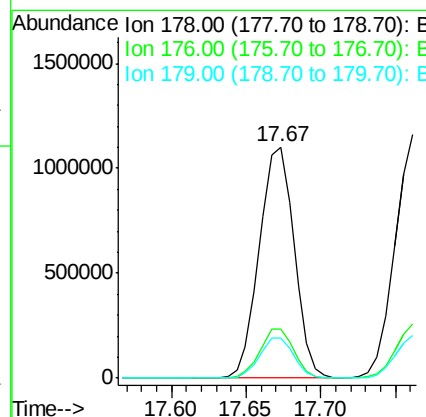
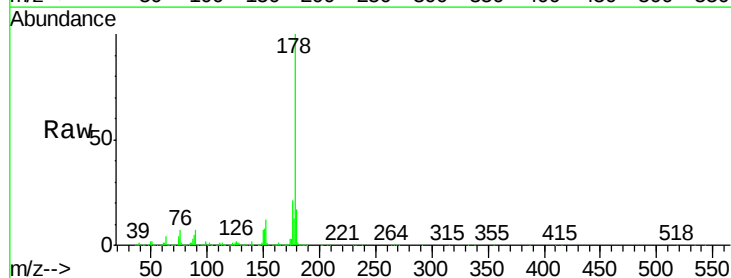
Manual Integrations
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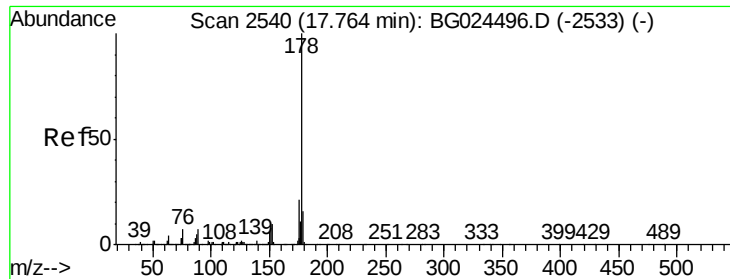
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#70
 Phenanthrene
 Concen: 44.83 ng
 RT: 17.67 min Scan# 2525
 Delta R.T. 0.00 min
 Lab File: BG024559.D
 Acq: 31 Oct 2016 16:53

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.2	17.7	26.5
179	17.4	15.0	22.6





#71

Anthracene

Concen: 45.98 ng

RT: 17.76 min Scan# 2540

Delta R.T. -0.00 min

Lab File: BG024559.D

Acq: 31 Oct 2016 16:53

Instrument :

BNA_G

ClientSampleId :

PB94433BS

Tgt Ion:178 Resp: 1842047

Ion Ratio Lower Upper

178 100

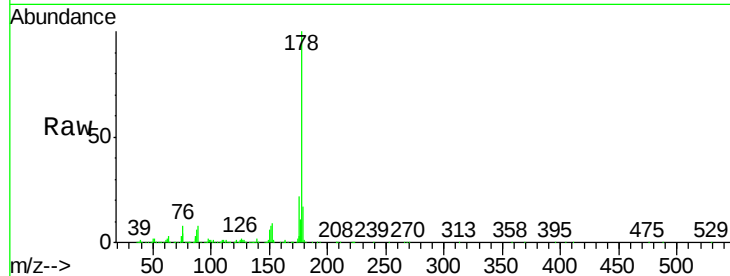
176 22.4 16.4 24.6

179 17.5 13.8 20.8

Manual Integrations
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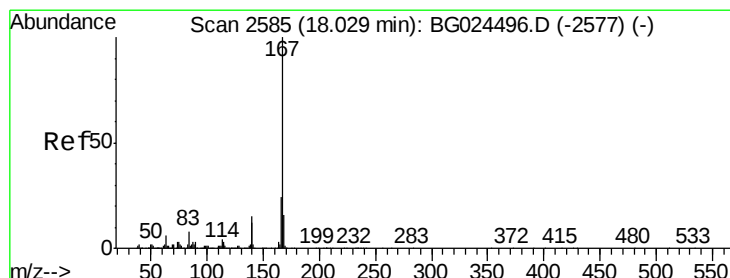
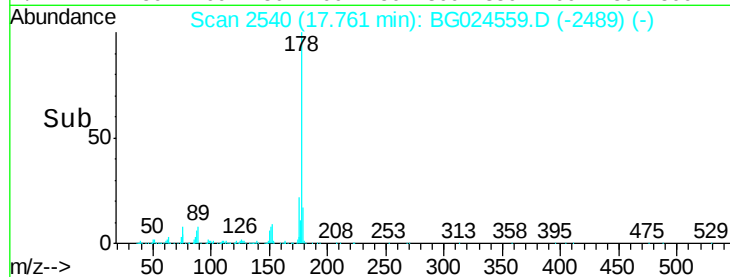
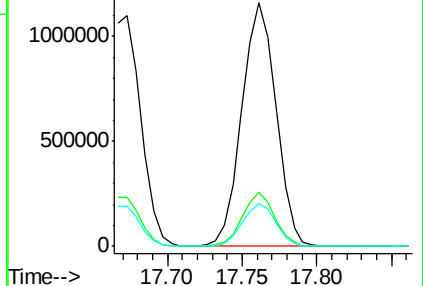
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 45.51 ng

RT: 18.03 min Scan# 2585

Delta R.T. -0.00 min

Lab File: BG024559.D

Acq: 31 Oct 2016 16:53

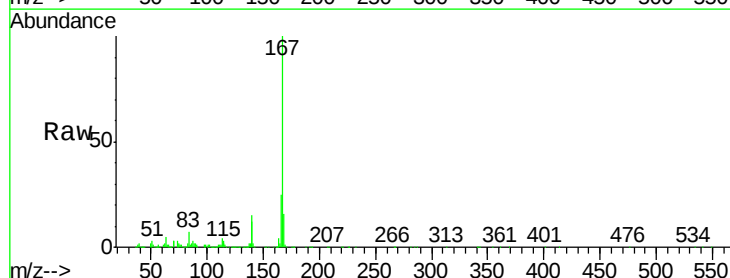
Tgt Ion:167 Resp: 1662919

Ion Ratio Lower Upper

167 100

166 25.0 20.2 30.2

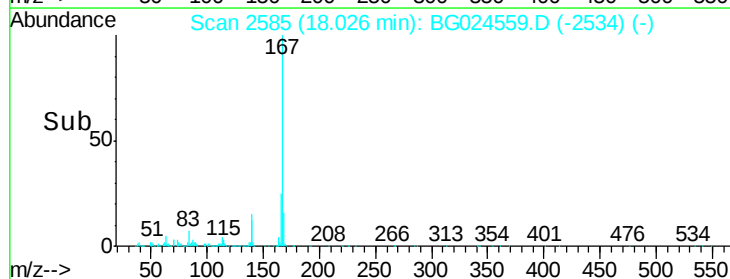
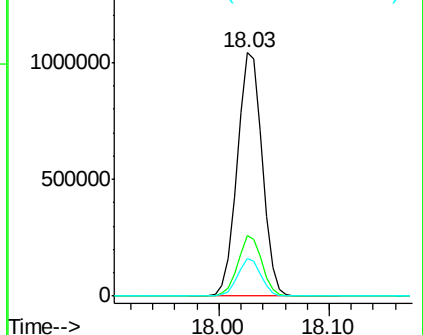
139 15.3 12.8 19.2

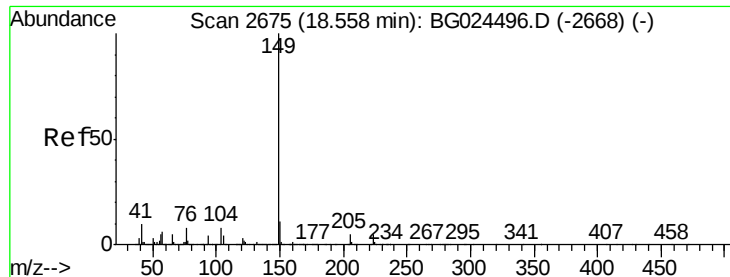


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





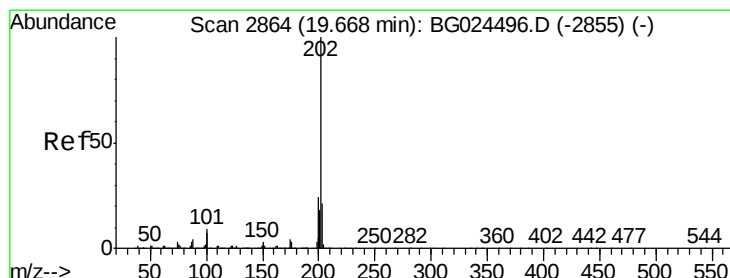
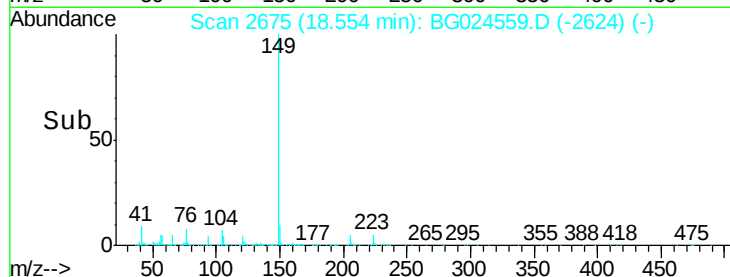
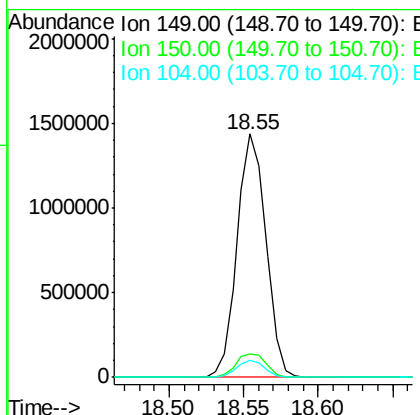
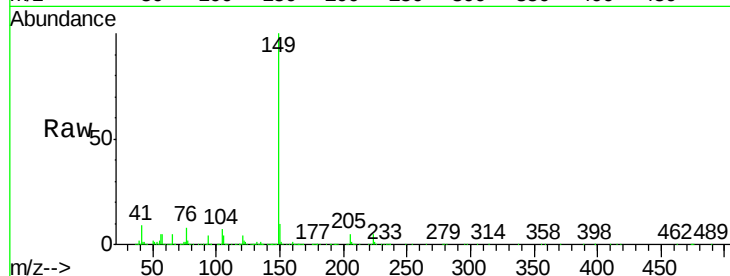
#73
Di-n-butylphthalate
Concen: 45.85 ng
RT: 18.55 min Scan# 2675
Delta R.T. -0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

Instrument :
BNA_G
ClientSampleId :
PB94433BS

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	9.1	13.7
104	7.3	6.7	10.1

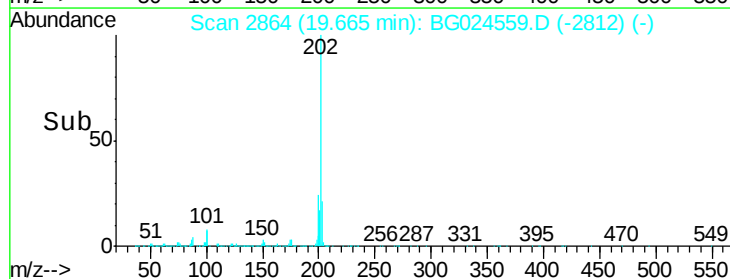
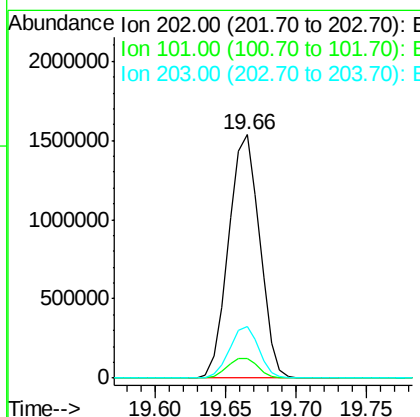
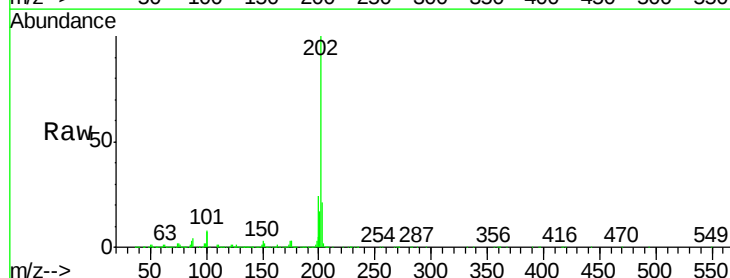
Manual Integrations
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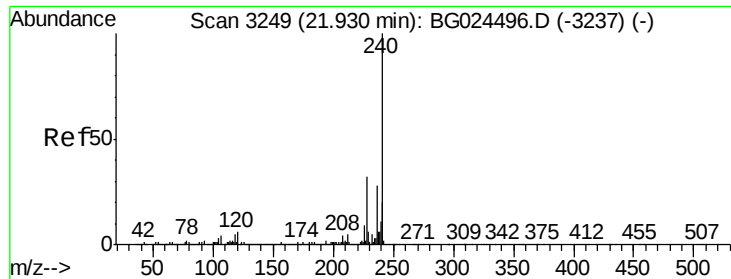
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#74
Fluoranthene
Concen: 46.99 ng
RT: 19.66 min Scan# 2864
Delta R.T. 0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.2	0.0	30.1
203	21.0	1.3	41.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.93 min Scan# 3249

Delta R.T. 0.00 min

Lab File: BG024559.D

Acq: 31 Oct 2016 16:53

Instrument :

BNA_G

ClientSampleId :

PB94433BS

Tgt Ion:240 Resp: 1088080

Ion Ratio Lower Upper

240 100

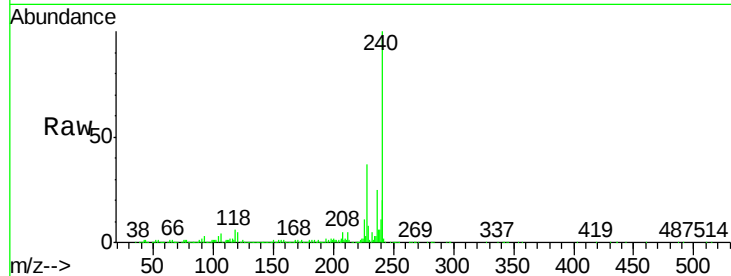
120 4.8 5.7 8.5#

236 25.3 22.2 33.4

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

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

21.93

800000

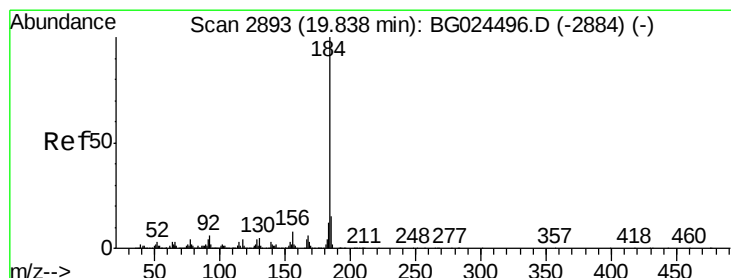
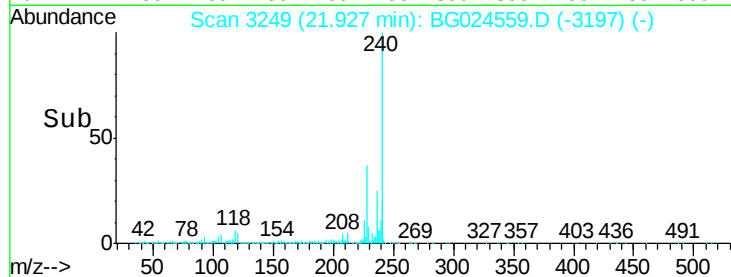
600000

400000

200000

0

Time--> 21.80 21.90 22.00



#76

Benzidine

Concen: 57.53 ng

RT: 19.84 min Scan# 2893

Delta R.T. -0.00 min

Lab File: BG024559.D

Acq: 31 Oct 2016 16:53

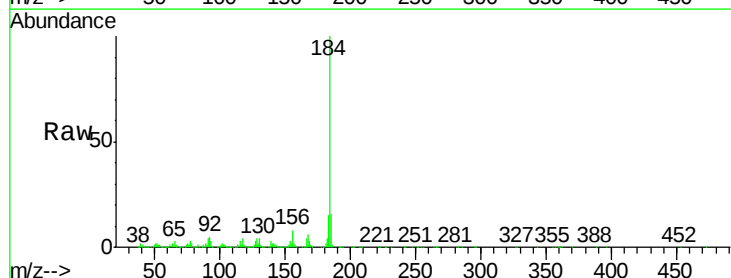
Tgt Ion:184 Resp: 1474893

Ion Ratio Lower Upper

184 100

185 16.1 13.0 19.6

183 14.7 11.0 16.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

19.84

1200000

1000000

800000

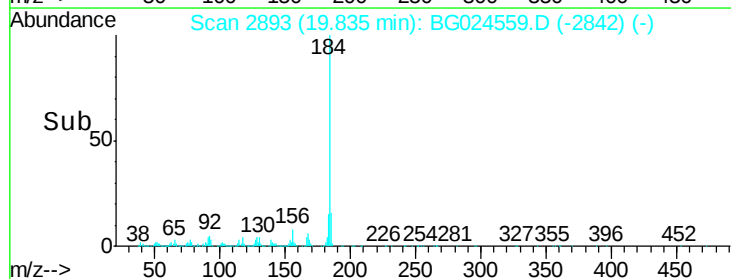
600000

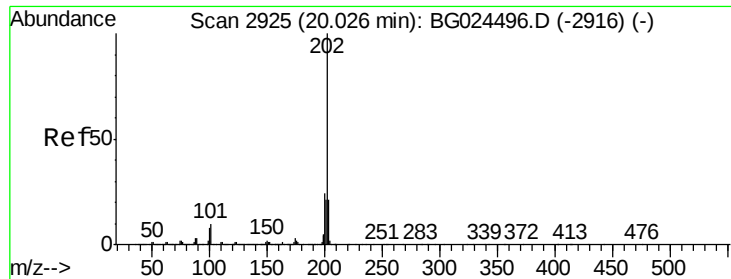
400000

200000

0

Time--> 19.70 19.80 19.90 20.00





#77

Pyrene

Concen: 44.97 ng

RT: 20.03 min Scan# 2926

Delta R.T. 0.00 min

Lab File: BG024559.D

Acq: 31 Oct 2016 16:53

Instrument :

BNA_G

ClientSampleId :

PB94433BS

Tgt Ion:202 Resp: 2392088

Ion Ratio Lower Upper

202 100

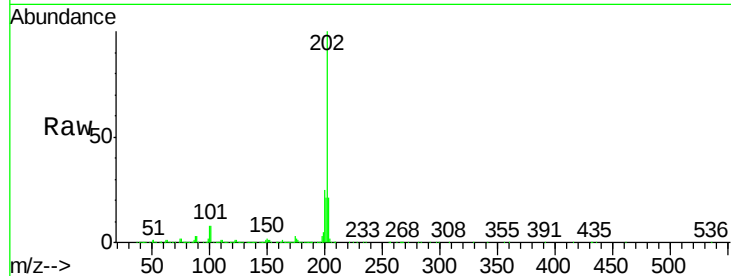
200 24.7 19.6 29.4

203 21.3 15.8 23.8

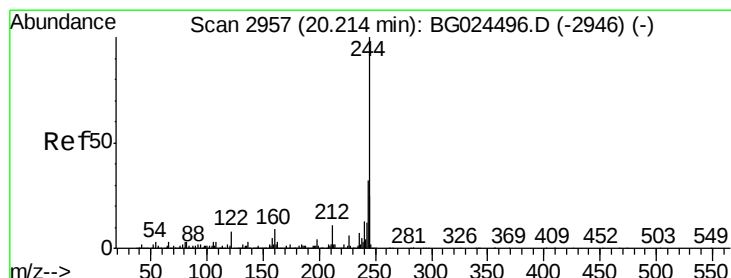
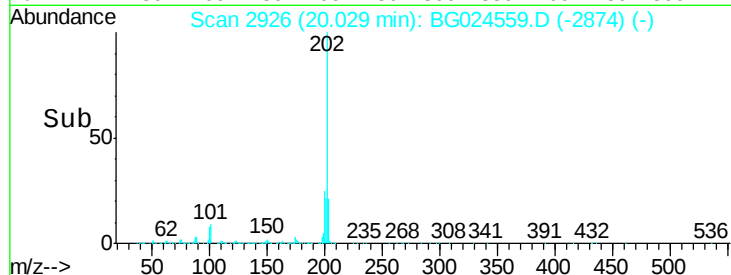
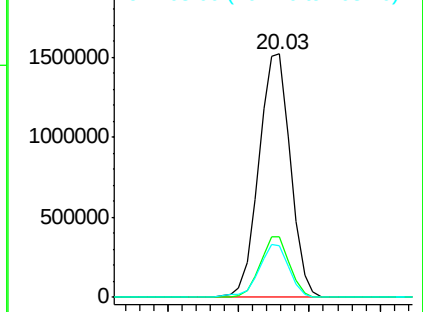
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 86.92 ng

RT: 20.21 min Scan# 2956

Delta R.T. -0.00 min

Lab File: BG024559.D

Acq: 31 Oct 2016 16:53

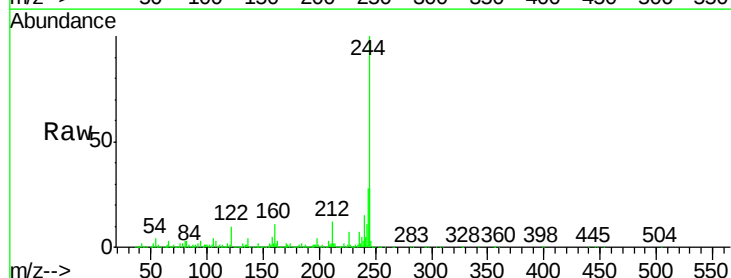
Tgt Ion:244 Resp: 3164943

Ion Ratio Lower Upper

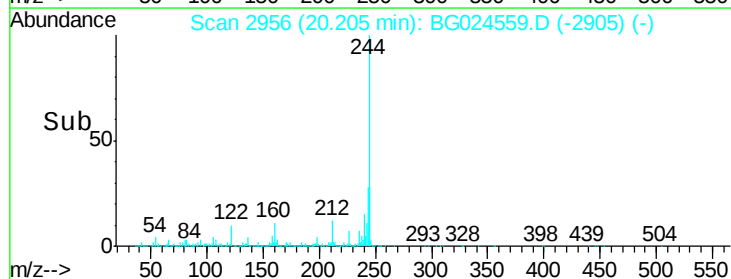
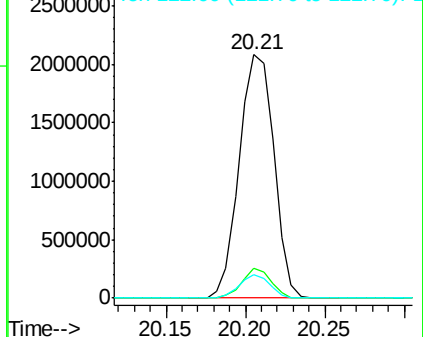
244 100

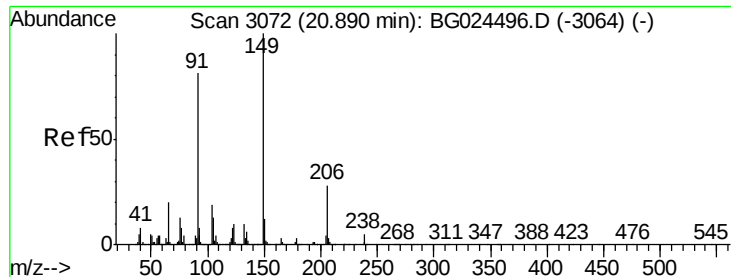
212 12.2 10.0 15.0

122 9.7 8.6 12.8



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





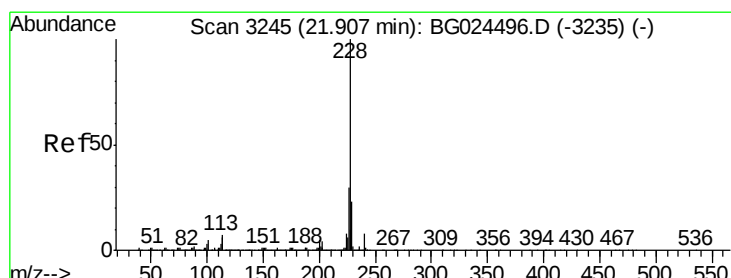
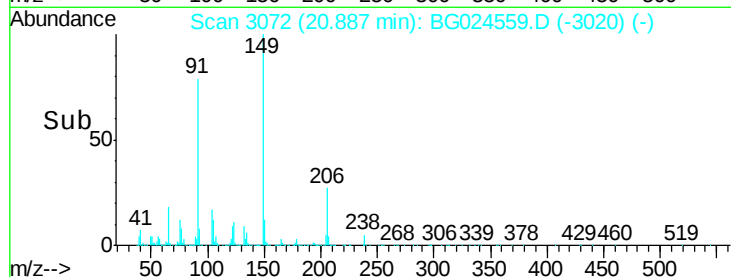
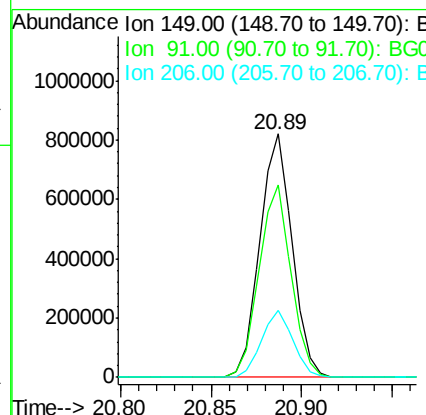
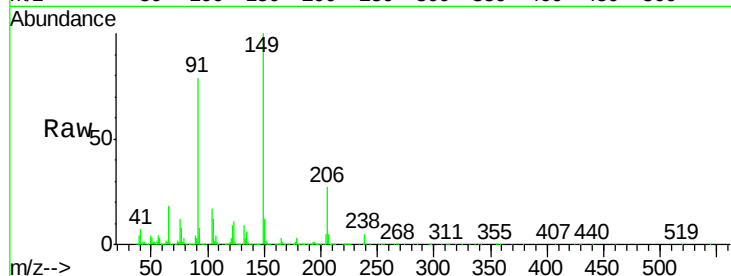
#79
Butylbenzylphthalate
Concen: 45.67 ng
RT: 20.89 min Scan# 3072
Delta R.T. 0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

Instrument :
BNA_G
ClientSampled :
PB94433BS

Tgt Ion	Ratio	Lower	Upper
149	100		
91	79.0	63.5	95.3
206	27.3	21.0	31.6

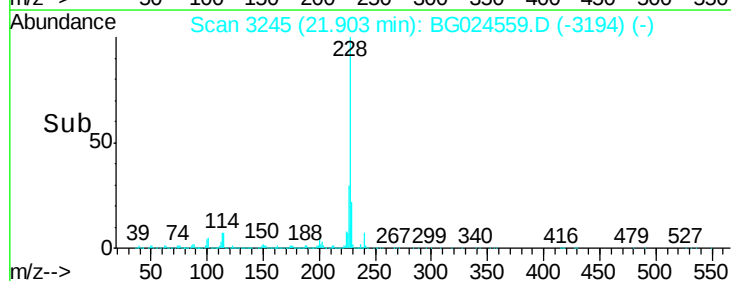
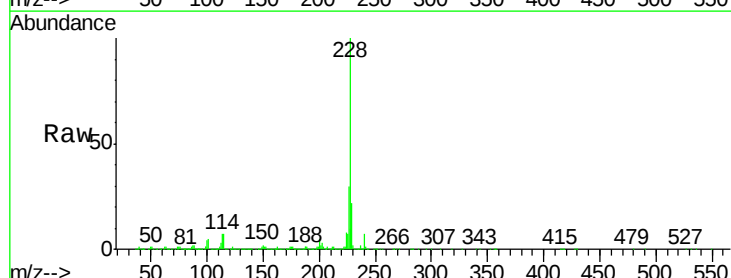
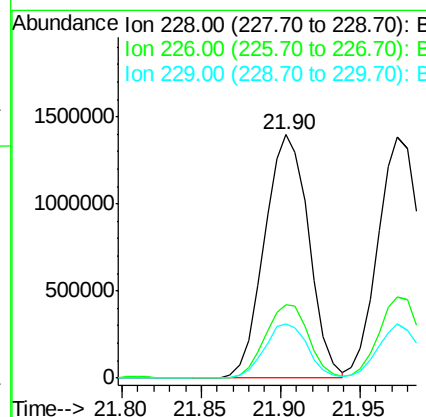
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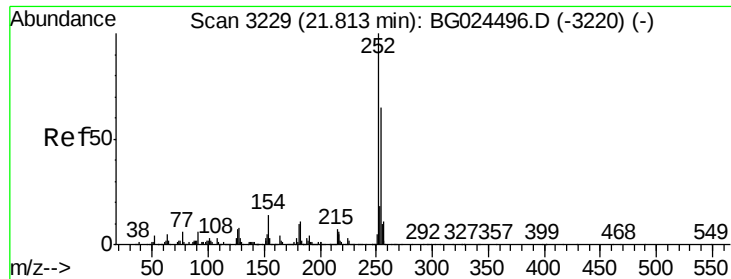
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#80
Benzo(a)anthracene
Concen: 45.26 ng
RT: 21.90 min Scan# 3245
Delta R.T. -0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.9	37.3
229	22.2	18.2	27.2





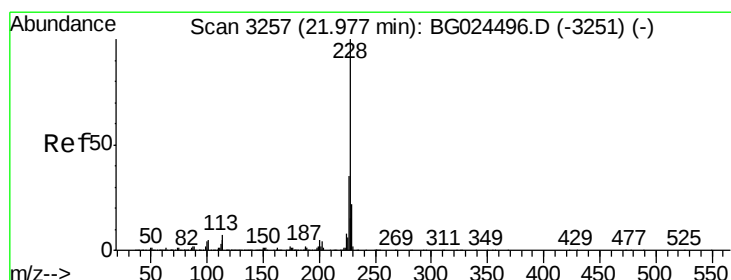
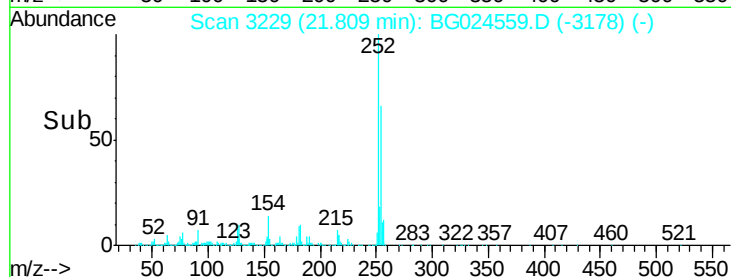
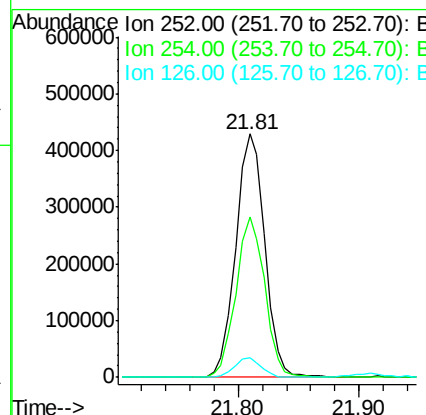
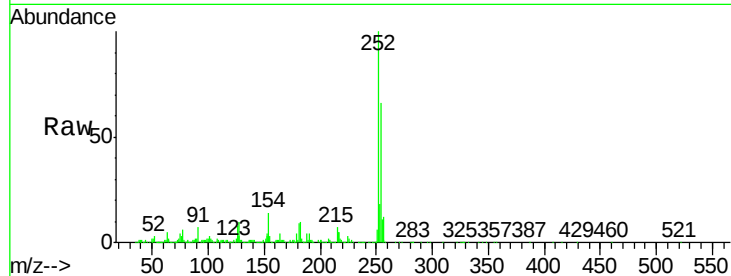
#81
 3,3'-Dichlorobenzidine
 Concen: 29.80 ng
 RT: 21.81 min Scan# 3229
 Delta R.T. -0.00 min
 Lab File: BG024559.D
 Acq: 31 Oct 2016 16:53

Instrument :
 BNA_G
 ClientSampled :
 PB94433BS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	718691		
254	65.9	53.1	79.7	
126	7.9	7.0	10.4	

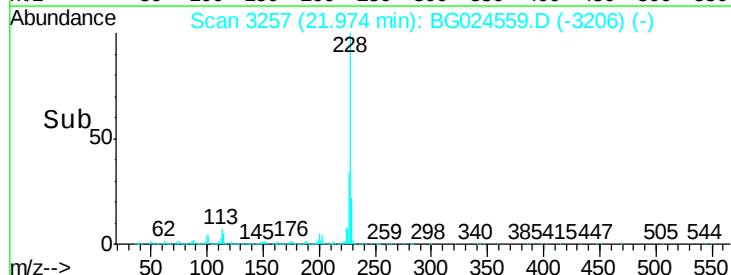
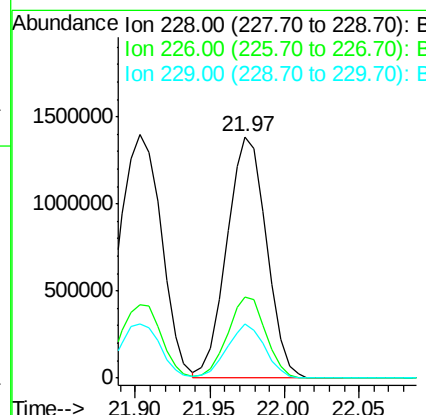
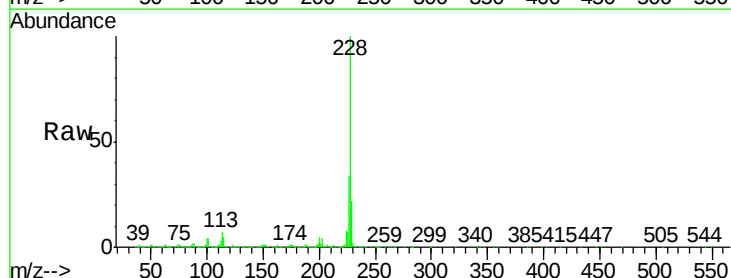
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#82
 Chrysene
 Concen: 44.89 ng
 RT: 21.97 min Scan# 3257
 Delta R.T. -0.00 min
 Lab File: BG024559.D
 Acq: 31 Oct 2016 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	2555640		
226	33.6	27.0	40.4	
229	22.3	17.8	26.6	





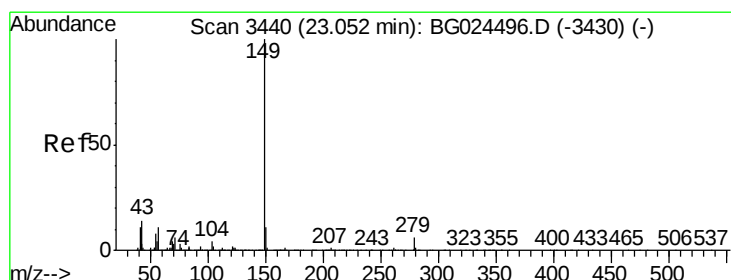
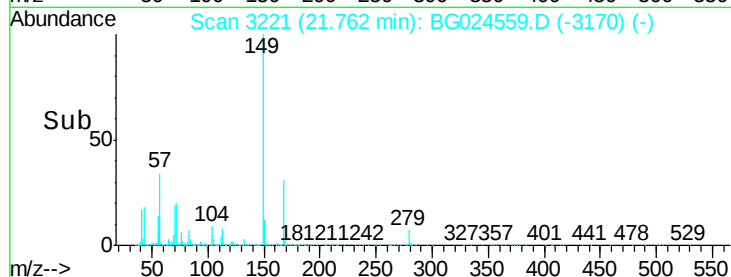
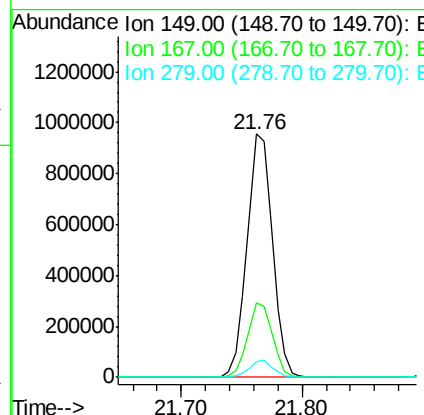
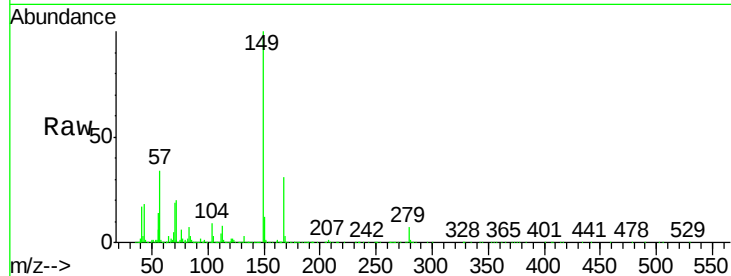
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.59 ng
 RT: 21.76 min Scan# 3221
 Delta R.T. -0.00 min
 Lab File: BG024559.D
 Acq: 31 Oct 2016 16:53

Instrument :
 BNA_G
 ClientSampleId :
 PB94433BS

Tgt Ion:149 Resp: 1414552
 Ion Ratio Lower Upper
 149 100
 167 30.8 23.7 35.5
 279 6.5 4.6 6.8

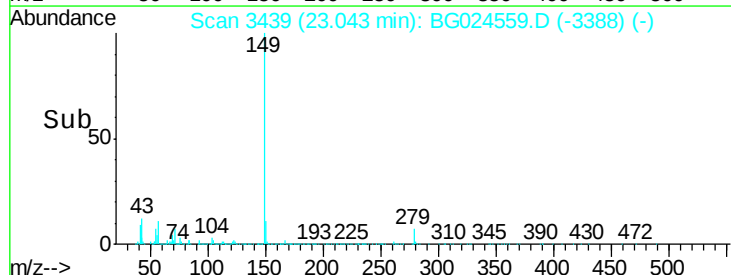
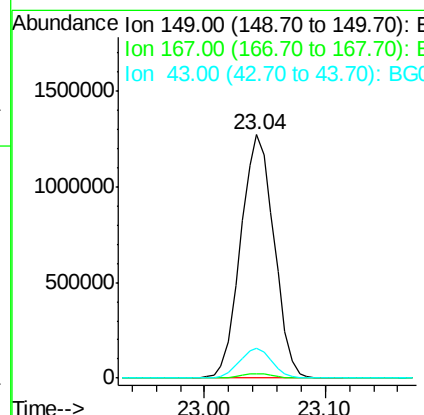
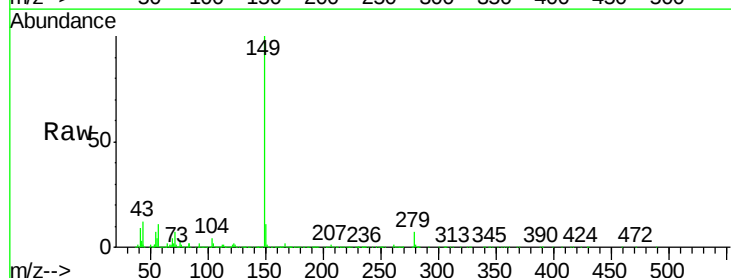
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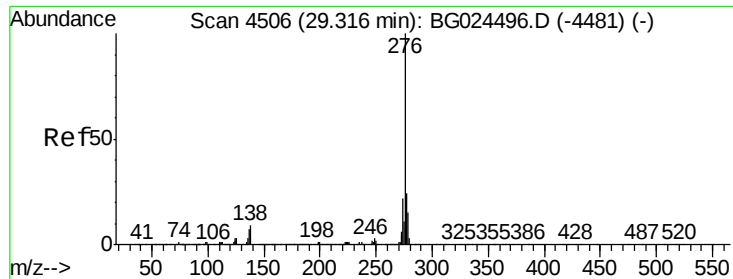
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#84
 Di-n-octyl phthalate
 Concen: 46.40 ng
 RT: 23.04 min Scan# 3439
 Delta R.T. -0.00 min
 Lab File: BG024559.D
 Acq: 31 Oct 2016 16:53

Tgt Ion:149 Resp: 2442510
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.4 2.2
 43 11.9 11.8 17.6





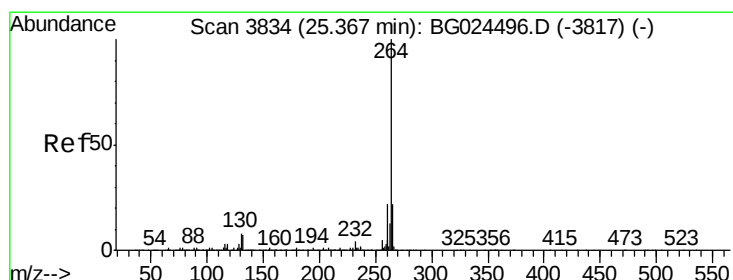
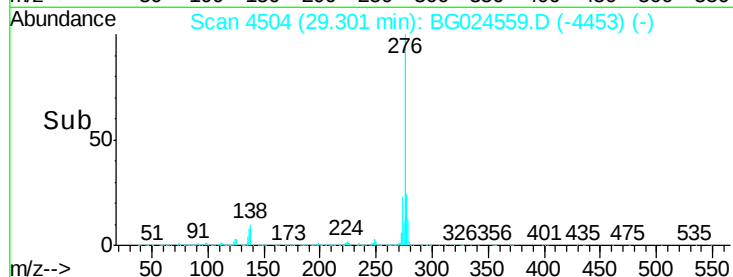
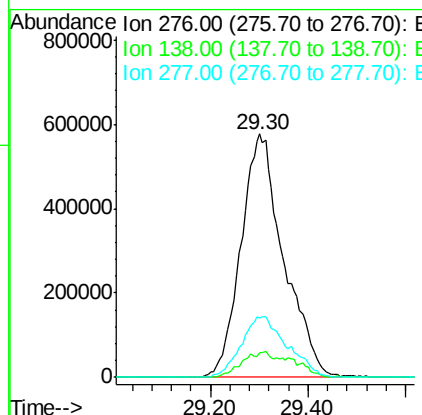
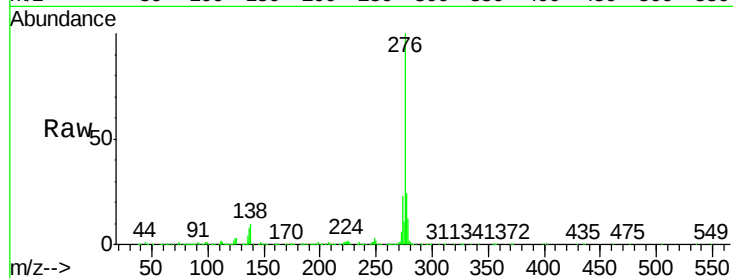
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.52 ng
 RT: 29.30 min Scan# 4504
 Delta R.T. -0.00 min
 Lab File: BG024559.D
 Acq: 31 Oct 2016 16:53

Instrument :
 BNA_G
 ClientSampleId :
 PB94433BS

Tgt Ion: 276 Resp: 3498180
 Ion Ratio Lower Upper
 276 100
 138 7.4 4.7 7.1#
 277 27.0 20.6 31.0

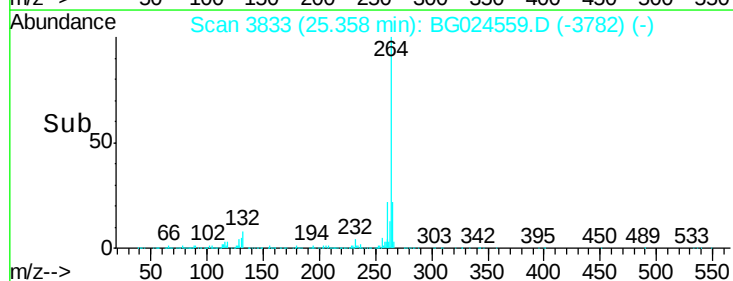
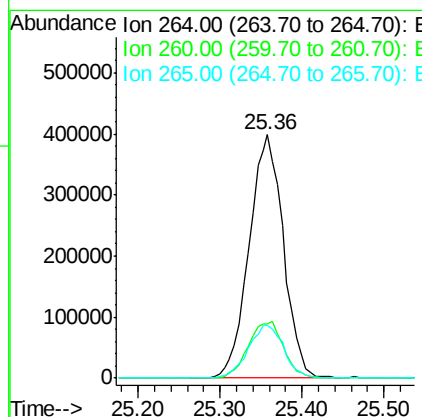
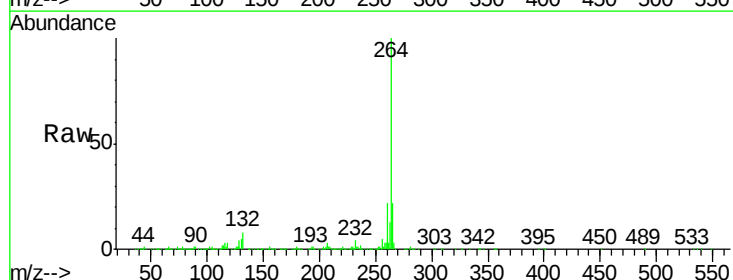
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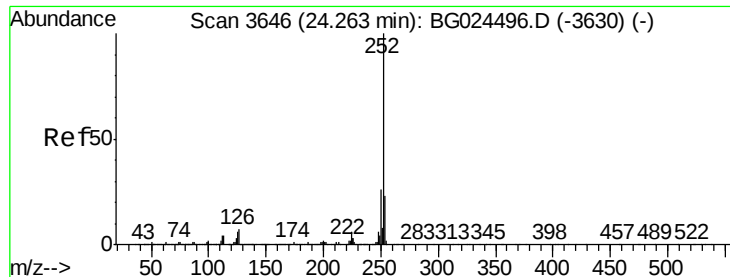
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.36 min Scan# 3833
 Delta R.T. -0.00 min
 Lab File: BG024559.D
 Acq: 31 Oct 2016 16:53

Tgt Ion: 264 Resp: 1158836
 Ion Ratio Lower Upper
 264 100
 260 22.2 21.8 32.8
 265 21.9 18.2 27.4





#87

Benzo(b)fluoranthene

Concen: 46.29 ng

RT: 24.26 min Scan# 3646

Delta R.T. 0.00 min

Lab File: BG024559.D

Acq: 31 Oct 2016 16:53

Instrument :

BNA_G

ClientSampleId :

PB94433BS

Tgt Ion:252 Resp: 2899829

Ion Ratio Lower Upper

252 100

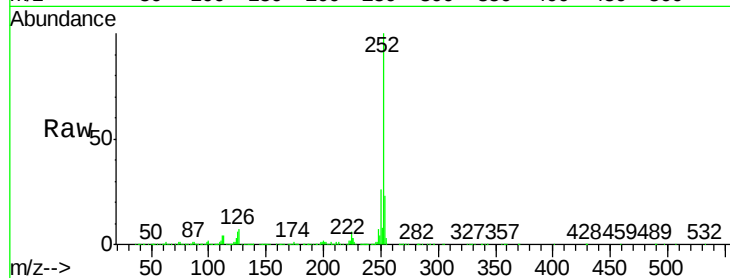
253 23.4 18.7 28.1

125 5.7 5.3 7.9

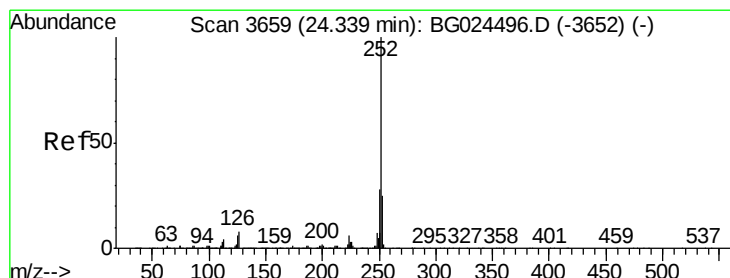
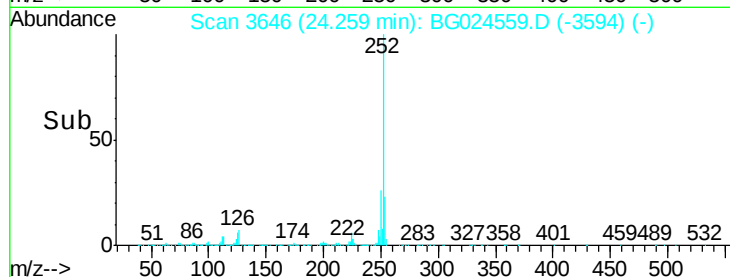
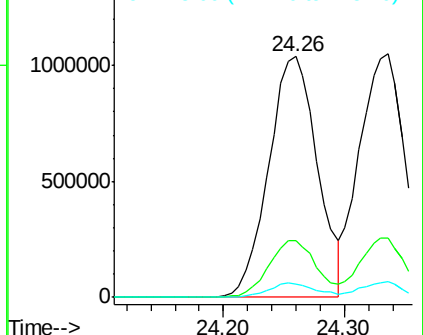
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 45.28 ng

RT: 24.34 min Scan# 3659

Delta R.T. 0.00 min

Lab File: BG024559.D

Acq: 31 Oct 2016 16:53

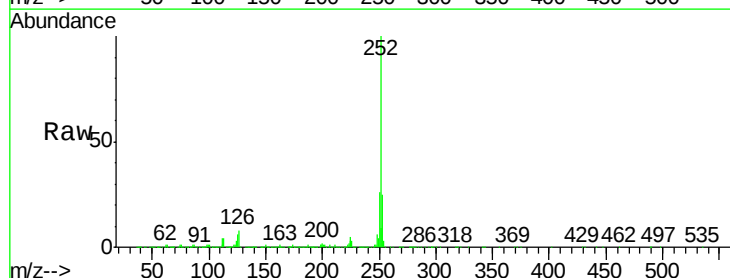
Tgt Ion:252 Resp: 2739180

Ion Ratio Lower Upper

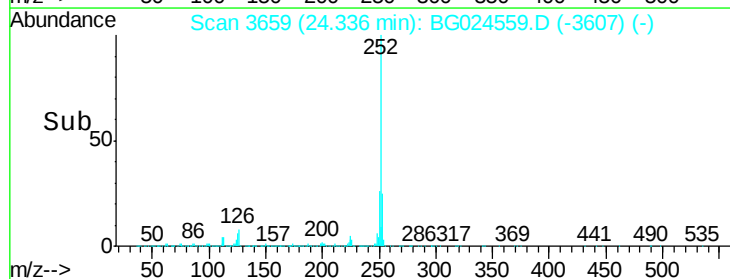
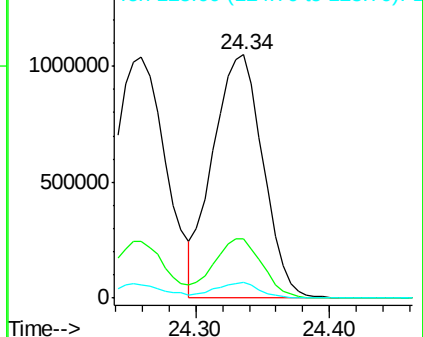
252 100

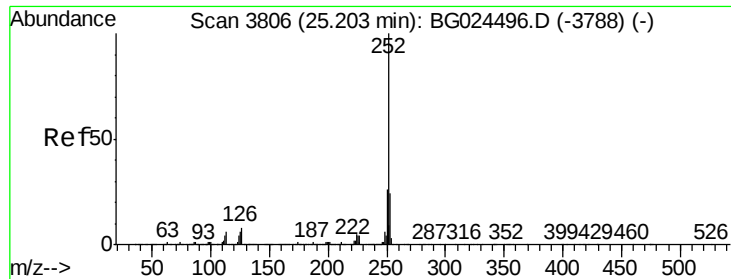
253 24.5 20.2 30.2

125 6.5 5.1 7.7



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





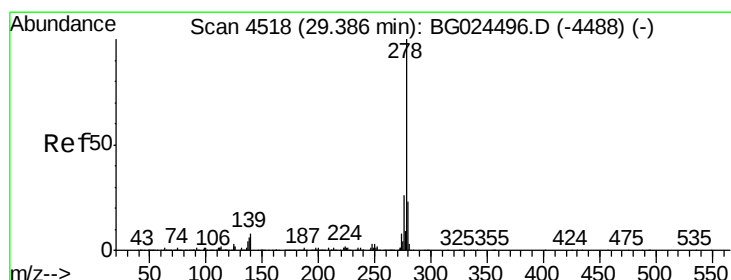
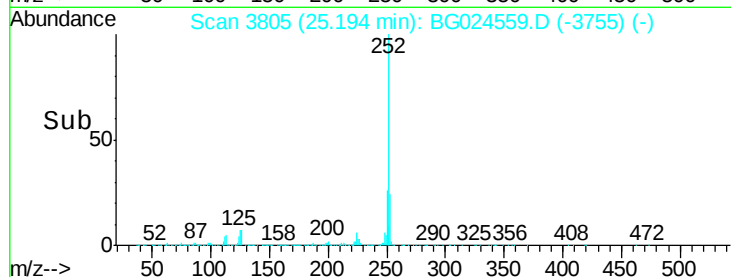
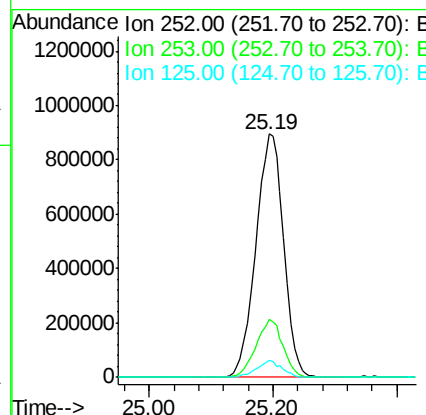
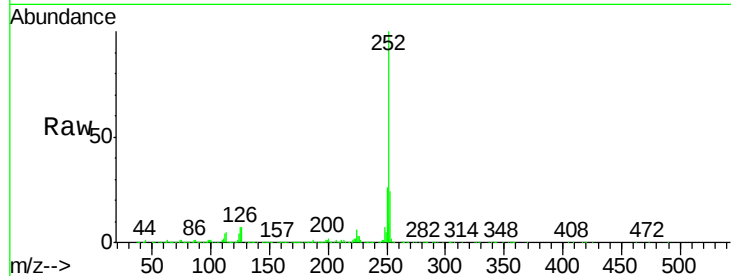
#89
Benzo(a)pyrene
Concen: 45.49 ng
RT: 25.19 min Scan# 3805
Delta R.T. -0.01 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

Instrument :
BNA_G
ClientSampleId :
PB94433BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.2	28.8
125	7.0	5.4	8.0

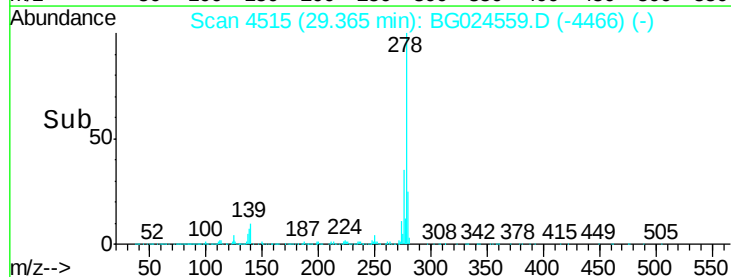
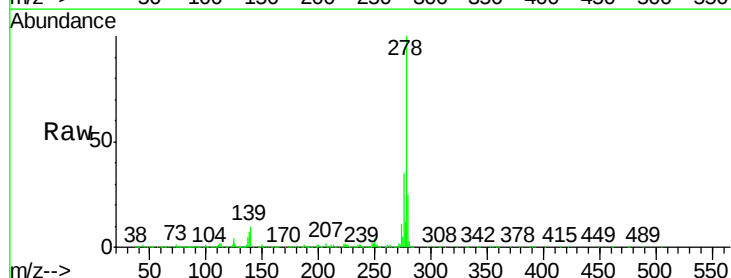
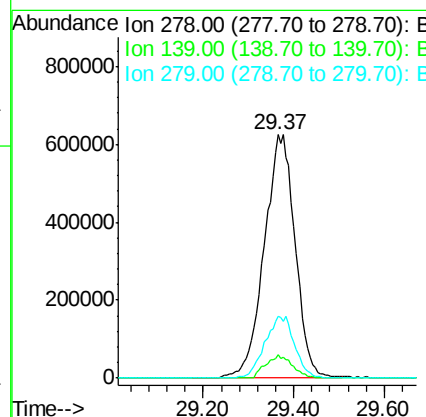
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#90
Dibenzo(a,h)anthracene
Concen: 43.95 ng
RT: 29.37 min Scan# 4515
Delta R.T. -0.01 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

Tgt Ion	Ratio	Lower	Upper
278	100		
139	9.6	7.7	11.5
279	25.3	19.1	28.7





#91
 Benzo(g,h,i)perylene
 Concen: 43.77 ng
 RT: 30.55 min Scan# 4716
 Delta R.T. -0.01 min
 Lab File: BG024559.D
 Acq: 31 Oct 2016 16:53

Instrument :
 BNA_G
 ClientSampleId :
 PB94433BS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.7	18.6	27.8
138	9.2	8.1	12.1

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