

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110716\
 Data File : BG024740.D
 Acq On : 7 Nov 2016 22:20
 Operator : UM/SJ
 Sample : H5544-07MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-112-11.3-23.0MSD

Manual Integrations
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Quant Time: Nov 08 02:45:52 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 11:14:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	100884	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	388945	20.00	ng	-0.02
38) Acenaphthene-d10	14.88	164	314642	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	704648	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1004130	20.00	ng	0.00
86) Perylene-d12	25.34	264	1056555	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.79	112	600040	97.48	ng	0.00
7) Phenol-d6	7.40	99	627429	74.31	ng	0.00
23) Nitrobenzene-d5	9.44	82	854550	100.03	ng	0.00
41) 2,4,6-Tribromophenol	16.36	330	747088	158.93	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1835239	96.95	ng	0.00
78) Terphenyl-d14	20.20	244	2908503	86.55	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.65	88	66489	26.44	ng	96
3) Pyridine	4.06	79	202582	26.91	ng	91
4) n-Nitrosodimethylamine	3.98	42	111774	28.68	ng	83
6) Aniline	7.58	93	199314	18.63	ng	99
8) 2-Chlorophenol	7.82	128	282547	45.15	ng	97
9) Benzaldehyde	7.40	77	56528	10.83	ng	98
10) Phenol	7.43	94	244910	28.14	ng	96
11) bis(2-Chloroethyl)ether	7.67	93	322301	49.29	ng	86
12) 1,3-Dichlorobenzene	8.15	146	339105	43.77	ng	94
13) 1,4-Dichlorobenzene	8.30	146	349785	45.71	ng	96
14) 1,2-Dichlorobenzene	8.62	146	338483	46.01	ng	93
15) Benzyl Alcohol	8.50	79	318716	40.58	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.78	45	522460	43.07	ng	95
17) 2-Methylphenol	8.69	107	247589	42.93	ng	97
18) Hexachloroethane	9.35	117	130044	44.21	ng	89
19) n-Nitroso-di-n-propylamine	9.06	70	293716	47.20	ng	# 95
20) 3+4-Methylphenols	9.02	107	316041	40.81	ng	99
22) Acetophenone	9.09	105	514237	51.47	ng	# 90
24) Nitrobenzene	9.48	77	463173	48.74	ng	99
25) Isophorone	9.99	82	828301	52.13	ng	99
26) 2-Nitrophenol	10.19	139	188742	53.51	ng	92
27) 2,4-Dimethylphenol	10.23	122	319510	51.74	ng	97
28) bis(2-Chloroethoxy)methane	10.48	93	442713	53.85	ng	92
29) 2,4-Dichlorophenol	10.73	162	363389	56.06	ng	94
30) 1,2,4-Trichlorobenzene	10.95	180	376622	48.98	ng	95
31) Naphthalene	11.14	128	956822	49.32	ng	99
32) Benzoic acid	10.33	122	114353	22.24	ng	86
33) 4-Chloroaniline	11.24	127	103878	12.33	ng	94
34) Hexachlorobutadiene	11.40	225	293489	48.77	ng	98
35) Caprolactam	12.08	113	40430m	17.04	ng	
36) 4-Chloro-3-methylphenol	12.34	107	400403	51.17	ng	94
37) 2-Methylnaphthalene	12.73	142	720581	50.90	ng	96
39) 1,2,4,5-Tetrachlorobenzene	13.08	216	511097	48.16	ng	99
40) Hexachlorocyclopentadiene	13.05	237	681865	114.10	ng	94

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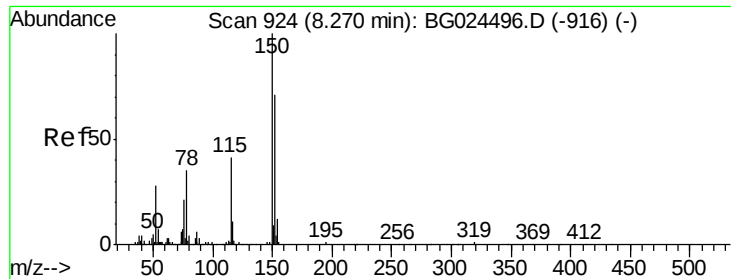
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.32	196	345259	54.12	nq	96
43) 2,4,5-Trichlorophenol	13.39	196	357342	51.81	nq	94
45) 1,1'-Biphenyl	13.71	154	1038053	47.54	nq	95
46) 2-Chloronaphthalene	13.77	162	824408	49.59	nq	97
47) 2-Nitroaniline	13.97	65	332605	48.86	nq	95
48) Acenaphthylene	14.61	152	1240132	48.64	nq	98
49) Dimethylphthalate	14.32	163	1166609	52.23	nq	100
50) 2,6-Dinitrotoluene	14.45	165	254551	53.38	nq	90
51) Acenaphthene	14.95	154	820616	43.17	nq	97
52) 3-Nitroaniline	14.79	138	91901	18.62	nq	85
53) 2,4-Dinitrophenol	14.99	184	372361	107.76	nq	96
54) Dibenzofuran	15.28	168	1325893	50.46	nq	97
55) 4-Nitrophenol	15.08	139	269260	62.63	nq	# 86
56) 2,4-Dinitrotoluene	15.23	165	384018	55.42	nq	# 92
57) Fluorene	15.92	166	1082388	49.67	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.49	232	389509	54.48	nq	92
59) Diethylphthalate	15.67	149	1169812	49.95	nq	100
60) 4-Chlorophenyl-phenylether	15.90	204	607076	49.65	nq	99
61) 4-Nitroaniline	15.95	138	235767	43.74	nq	94
62) Azobenzene	16.20	77	1160083	49.67	nq	96
64) 4,6-Dinitro-2-methylphenol	15.99	198	261972	53.96	nq	95
65) n-Nitrosodiphenylamine	16.12	169	959187	49.79	nq	99
66) 4-Bromophenyl-phenylether	16.80	248	445426	52.07	nq	96
67) Hexachlorobenzene	16.92	284	514508	54.43	nq	# 86
68) Atrazine	17.06	200	468624	56.71	nq	92
69) Pentachlorophenol	17.26	266	670130	107.44	nq	96
70) Phenanthrene	17.67	178	1848812	51.48	nq	99
71) Anthracene	17.75	178	1876940	51.80	nq	99
72) Carbazole	18.03	167	1691891	51.20	nq	99
73) Di-n-butylphthalate	18.55	149	1981732	52.01	nq	98
74) Fluoranthene	19.66	202	2378443	52.38	nq	97
76) Benzidine	19.83	184	562470	23.77	nq	97
77) Pyrene	20.02	202	2452911	49.97	nq	97
79) Butylbenzylphthalate	20.88	149	1031895	50.42	nq	97
80) Benzo(a)anthracene	21.90	228	2733174	49.55	nq	98
81) 3,3'-Dichlorobenzidine	21.80	252	433536	19.48	nq	# 98
82) Chrysene	21.97	228	2546777	48.48	nq	97
83) Bis(2-ethylhexyl)phthalate	21.76	149	1443835	49.32	nq	# 99
84) Di-n-octyl phthalate	23.03	149	2442433	50.27	nq	# 93
85) Indeno(1,2,3-cd)pyrene	29.28	276	3559560	49.08	nq	# 97
87) Benzo(b)fluoranthene	24.25	252	2862985	50.13	nq	98
88) Benzo(k)fluoranthene	24.32	252	2774799	50.31	nq	99
89) Benzo(a)pyrene	25.18	252	2786571	49.93	nq	99
90) Dibenzo(a,h)anthracene	29.36	278	2984252	48.72	nq	99
91) Benzo(g,h,i)perylene	30.53	276	2968440	48.51	nq	97

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



#1

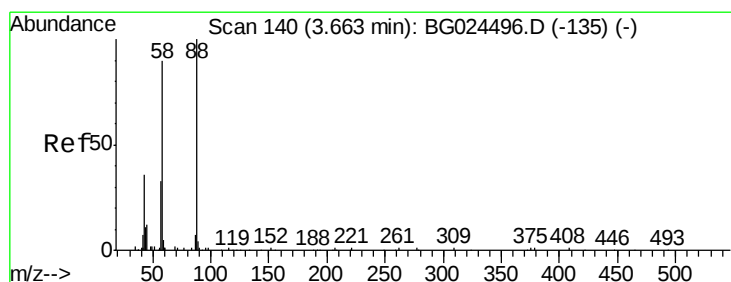
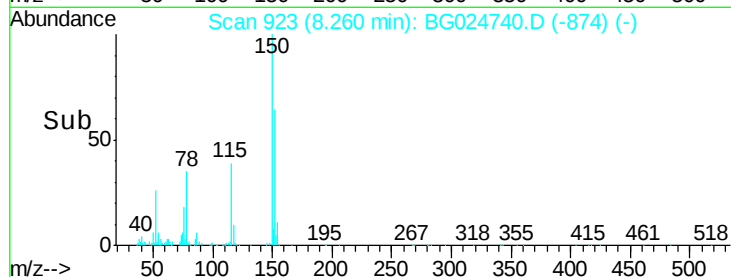
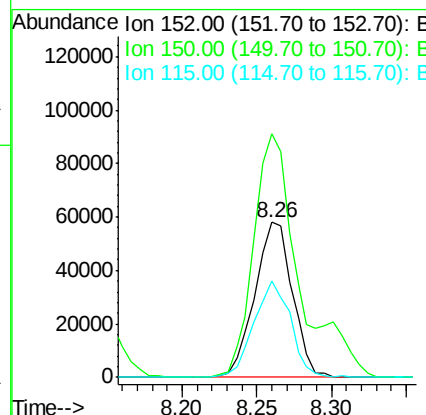
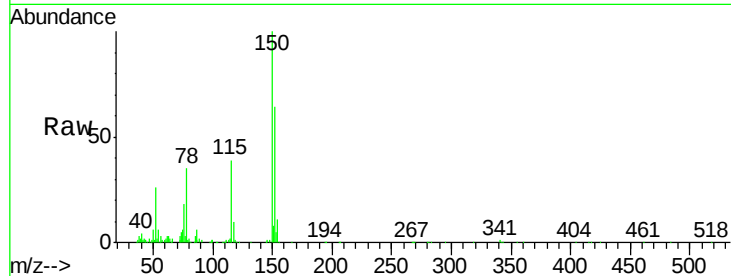
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Concen: 20.00 ng
RT: 8.26 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG024740.D
Acq: 7 Nov 2016 22:20

Instrument :
BNA_G
ClientSampleId :
GW-112-11.3-23.0MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	114.0	171.0
115	62.0	48.1	72.1

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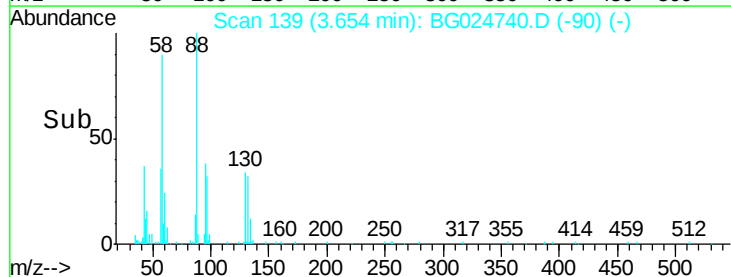
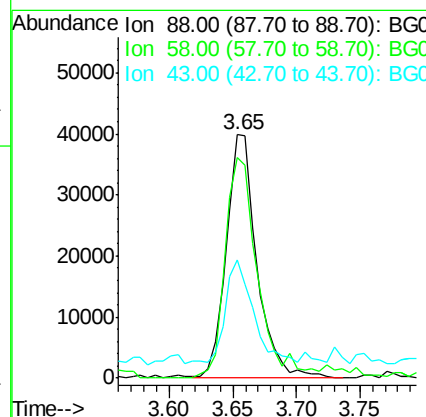
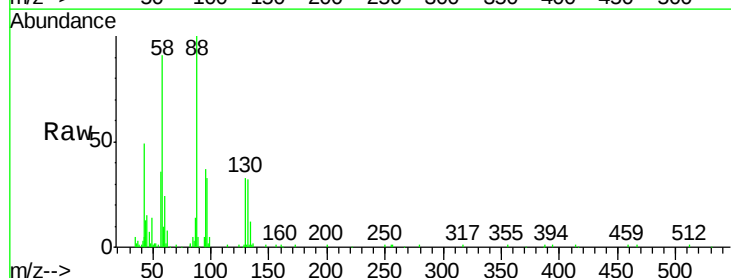
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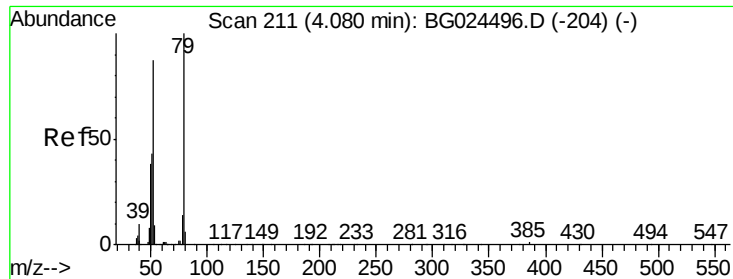


#2

1,4-Dioxane
Concen: 26.44 ng
RT: 3.65 min Scan# 139
Delta R.T. -0.01 min
Lab File: BG024740.D
Acq: 7 Nov 2016 22:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	95.6	79.4	119.2
43	38.5	33.8	50.6





#3

Pvridine

Concen: 26.91 ng

RT: 4.06 min Scan# 209

Delta R.T. -0.02 min

Lab File: BG024740.D

Acq: 7 Nov 2016 22:20

Instrument :

BNA_G

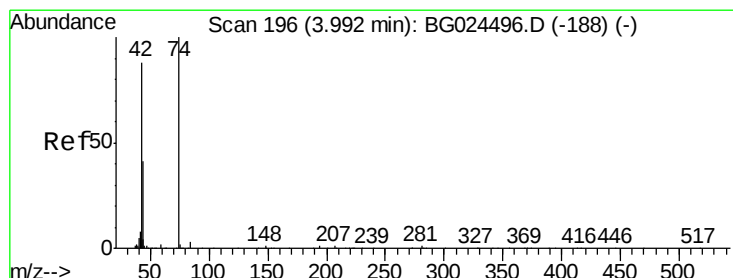
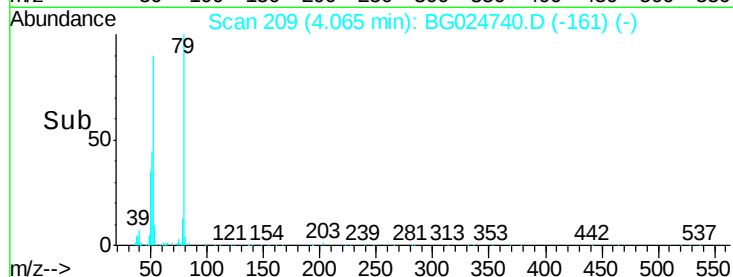
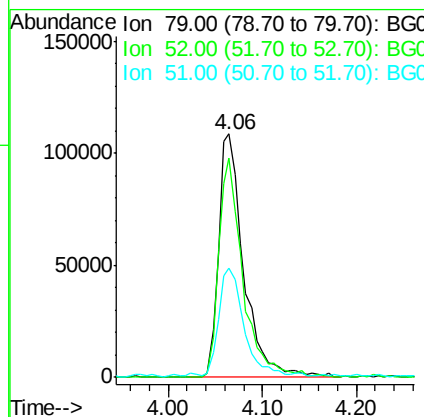
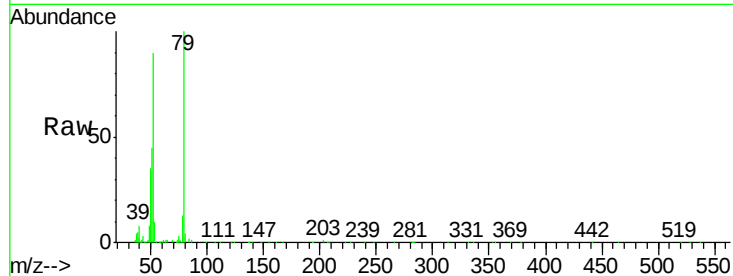
ClientSampleId :

GW-112-11.3-23.0MSD

Tot Ion:	79	Resp:	202582
Ion Ratio	Lower	Upper	
79	100		
52	90.2	77.8	116.6
51	44.8	43.2	64.8

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#4

n-Nitrosodimethylamine

Concen: 28.68 ng

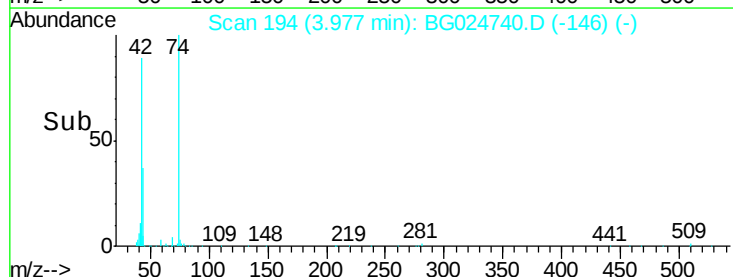
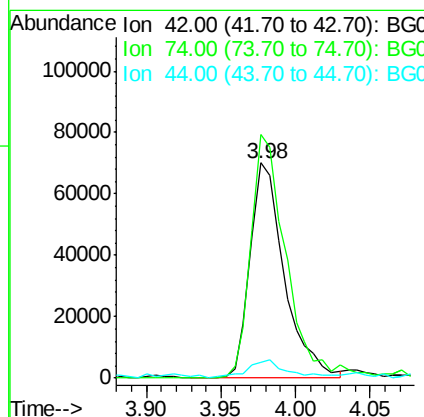
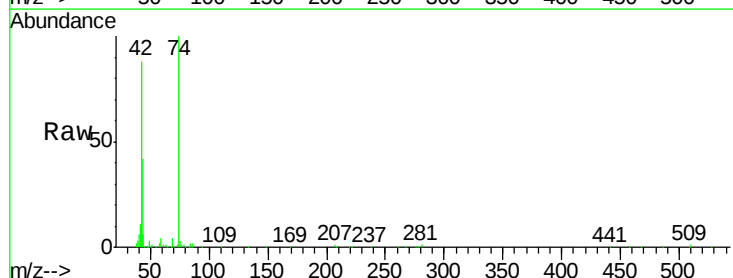
RT: 3.98 min Scan# 194

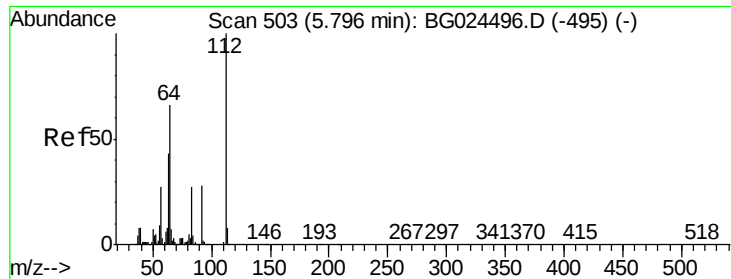
Delta R.T. -0.02 min

Lab File: BG024740.D

Acq: 7 Nov 2016 22:20

Tgt Ion:	42	Resp:	111774
Ion Ratio	Lower	Upper	
42	100		
74	113.2	76.7	115.1
44	7.0	6.1	9.1





#5

2-Fluorophenol

Concen: 97.48 ng

RT: 5.79 min Scan# 503

Delta R.T. -0.00 min

Lab File: BG024740.D

Acq: 7 Nov 2016 22:20

Instrument :

BNA_G

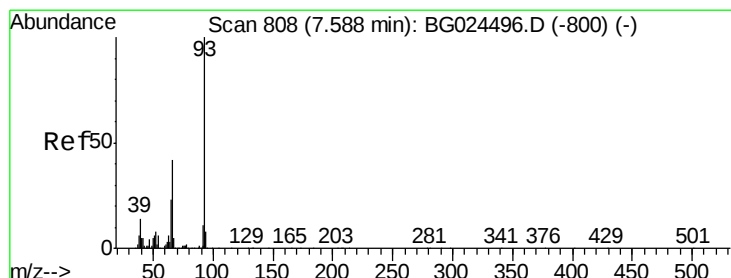
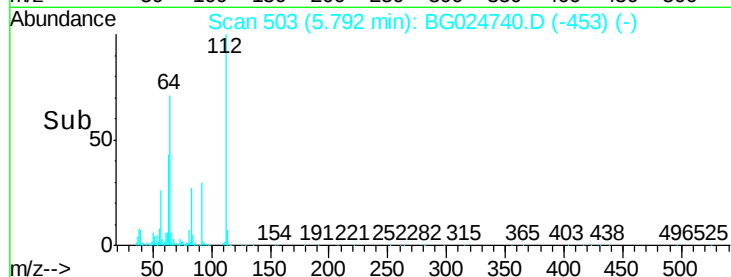
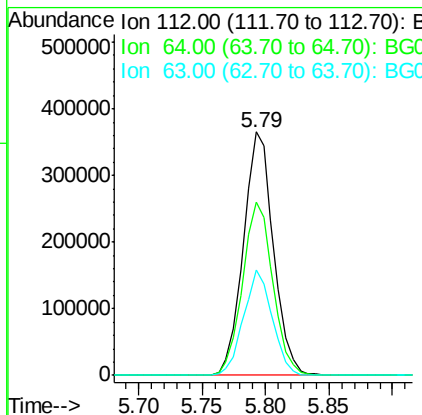
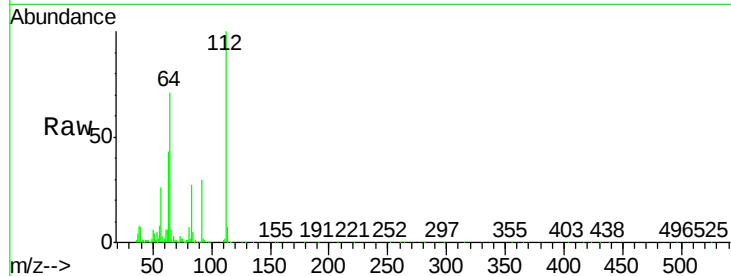
ClientSampleId :

GW-112-11.3-23.0MSD

Tot Ion:	112	Resp:	600040
Ion Ratio	Lower	Upper	
112	100		
64	71.3	61.8	92.6
63	43.0	37.2	55.8

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#6

Aniline

Concen: 18.63 ng

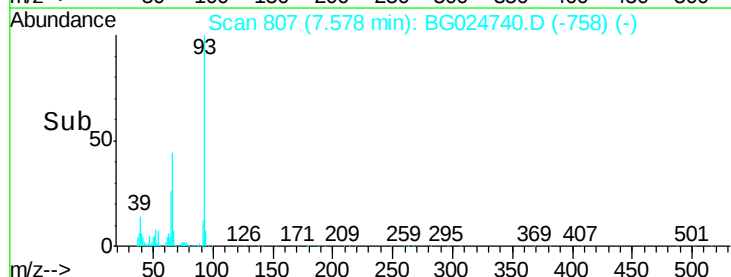
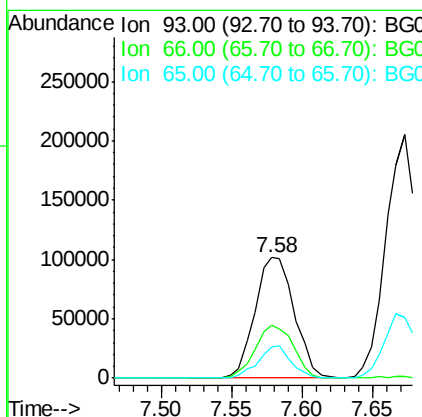
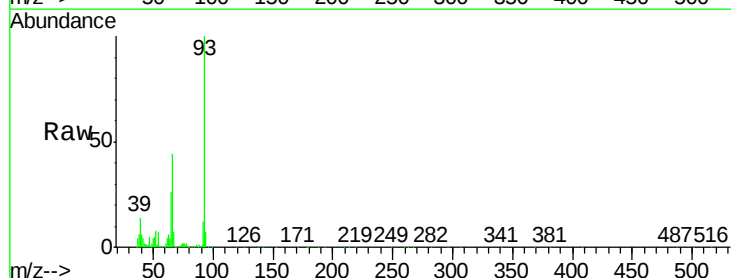
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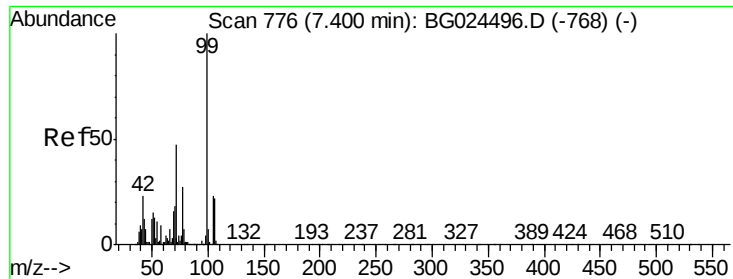
Delta R.T. -0.01 min

Lab File: BG024740.D

Acq: 7 Nov 2016 22:20

Tgt Ion:	93	Resp:	199314
Ion Ratio	Lower	Upper	
93	100		
66	43.9	35.4	53.2
65	25.7	21.2	31.8





#7

Phenol-d6

Concen: 74.31 ng

RT: 7.40 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG024740.D

Acq: 7 Nov 2016 22:20

Instrument :

BNA_G

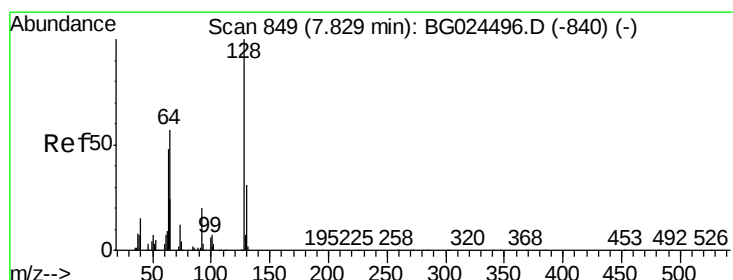
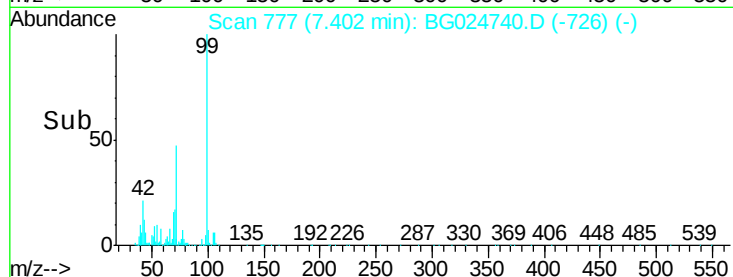
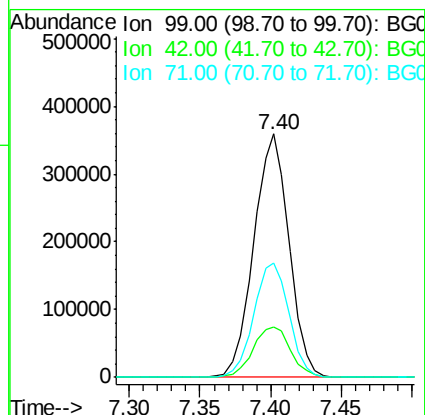
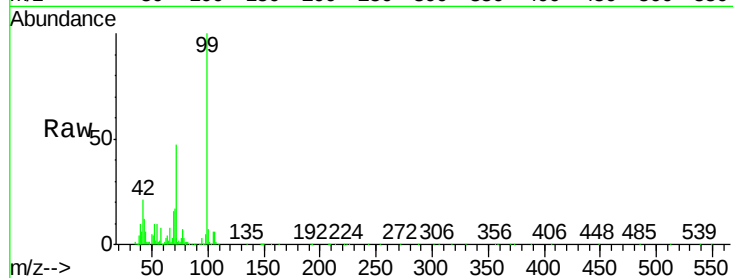
ClientSampleId :

GW-112-11.3-23.0MSD

Tot Ion:	99	Resp:	627429
Ion Ratio	Lower	Upper	
99	100		
42	20.9	20.5	30.7
71	47.1	37.6	56.4

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#8

2-Chlorophenol

Concen: 45.15 ng

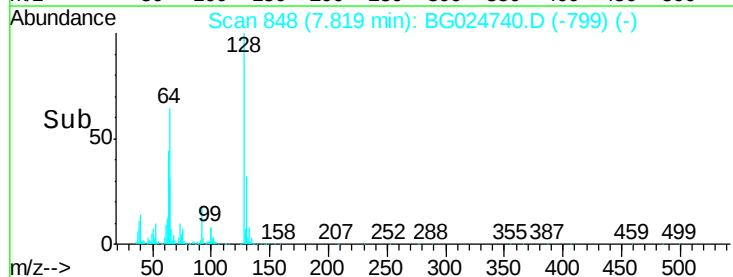
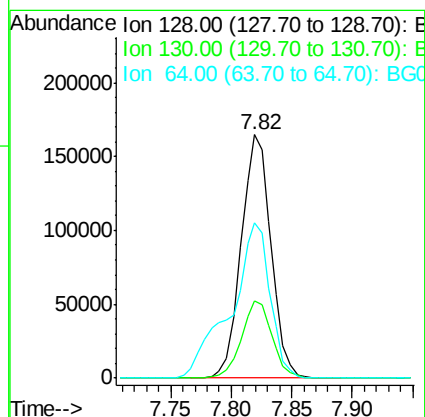
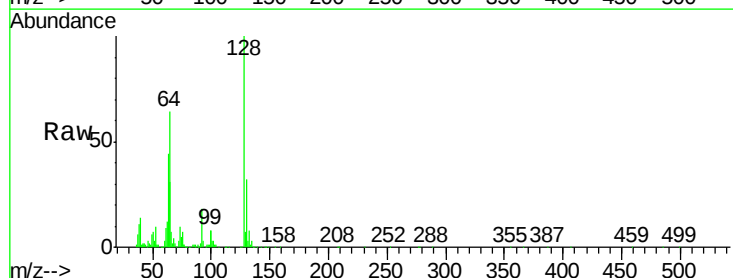
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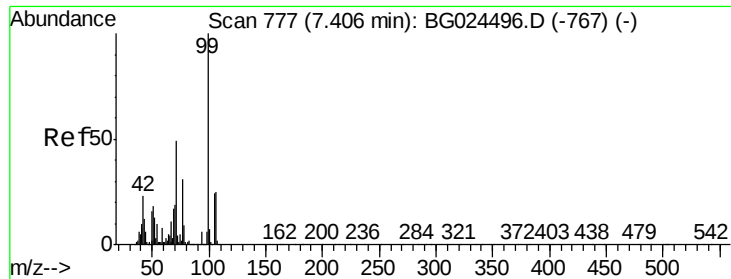
Delta R.T. -0.01 min

Lab File: BG024740.D

Acq: 7 Nov 2016 22:20

Tgt Ion:	128	Resp:	282547
Ion Ratio	Lower	Upper	
128	100		
130	31.9	11.4	51.4
64	63.8	46.6	86.6





#9

Benzaldehyde

Concen: 10.83 ng

RT: 7.40 min Scan# 776

Delta R.T. -0.01 min

Lab File: BG024740.D

Acq: 7 Nov 2016 22:20

Instrument :

BNA_G

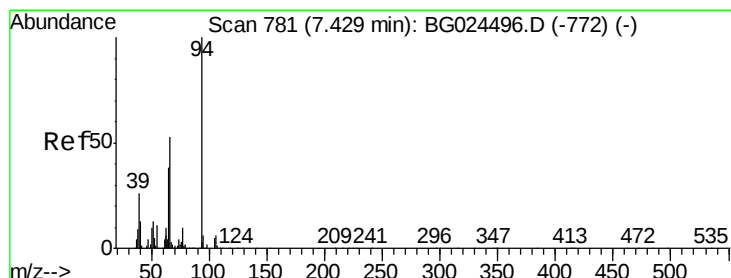
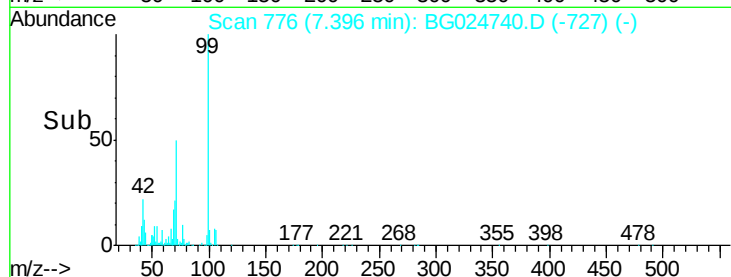
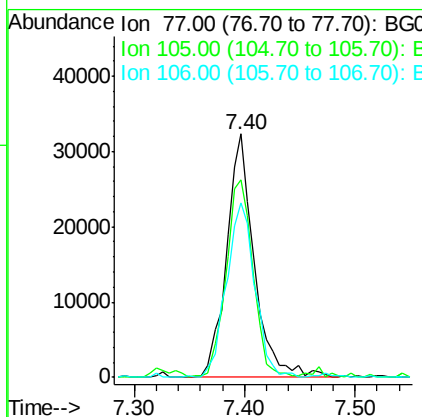
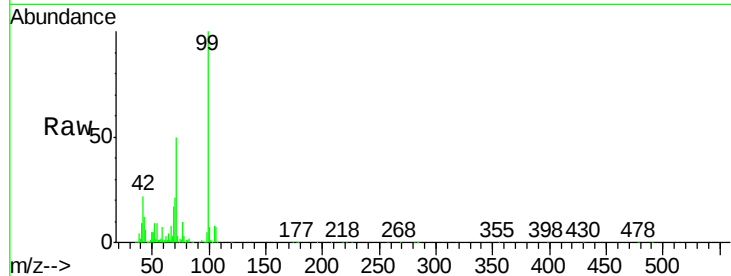
ClientSampleId :

GW-112-11.3-23.0MSD

Tot Ion:	77	Resp:	56528
Ion Ratio	Lower	Upper	
77	100		
105	81.3	60.9	100.9
106	71.5	55.1	95.1

Manual Integrations
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#10

Phenol

Concen: 28.14 ng

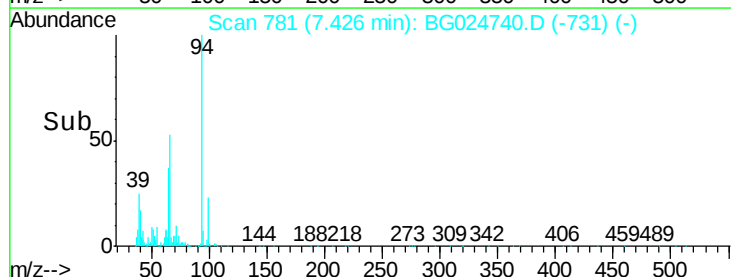
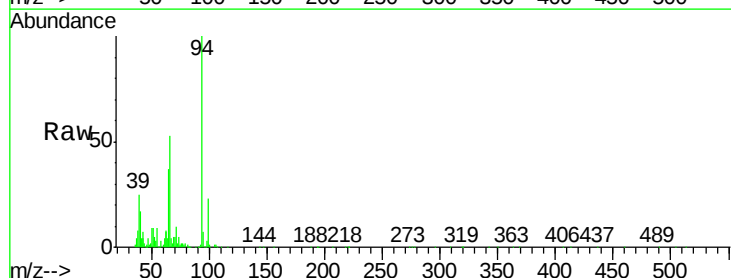
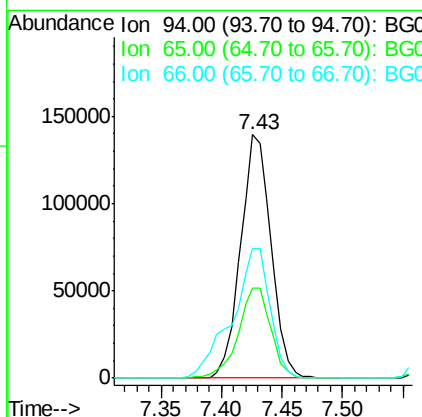
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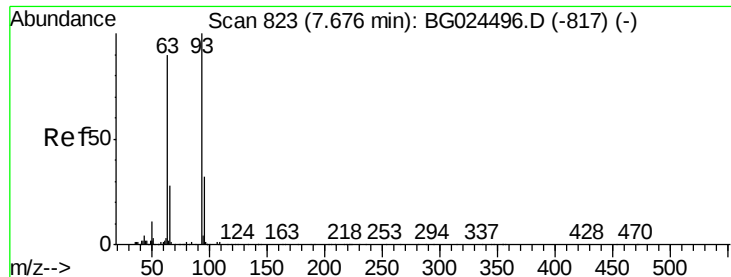
Delta R.T. -0.00 min

Lab File: BG024740.D

Acq: 7 Nov 2016 22:20

Tgt Ion:	94	Resp:	244910
Ion Ratio	Lower	Upper	
94	100		
65	36.7	20.6	60.6
66	53.4	35.5	75.5





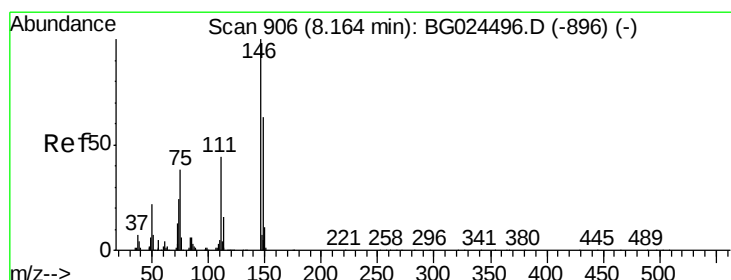
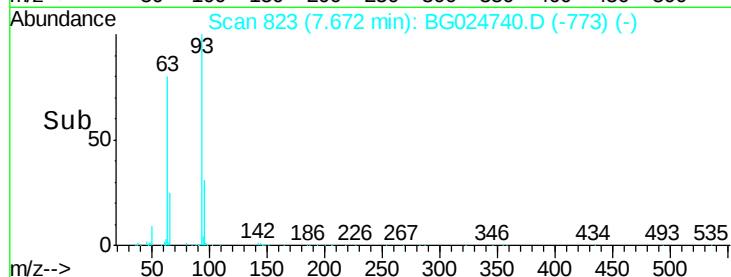
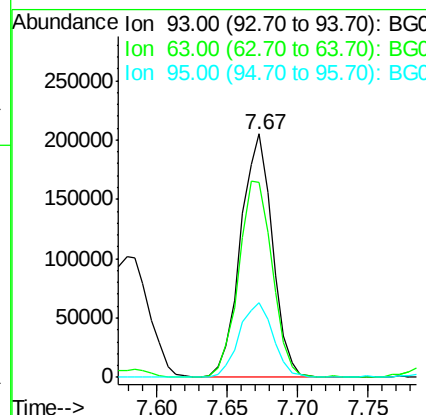
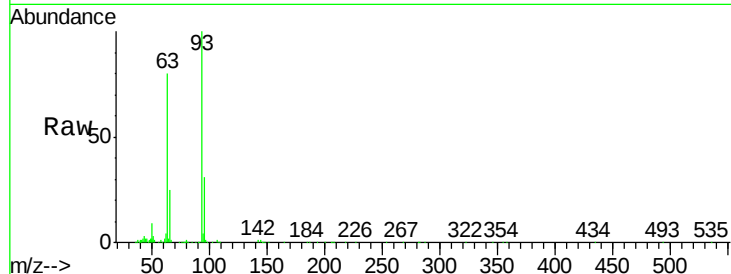
#11
bis(2-Chloroethyl)ether
Concen: 49.29 ng
RT: 7.67 min Scan# 823
Delta R.T. -0.00 min
Lab File: BG024740.D
Acq: 7 Nov 2016 22:20

Instrument :
BNA_G
ClientSampleId :
GW-112-11.3-23.0MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	80.3	78.5	118.5
95	30.7	9.8	49.8

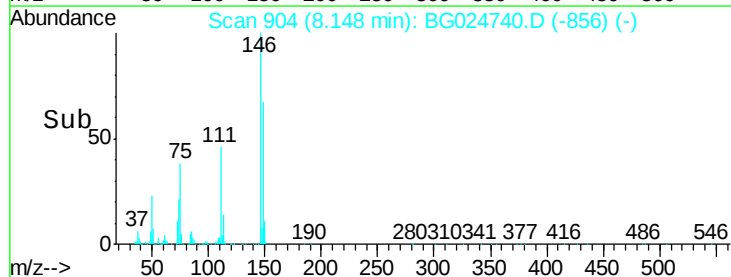
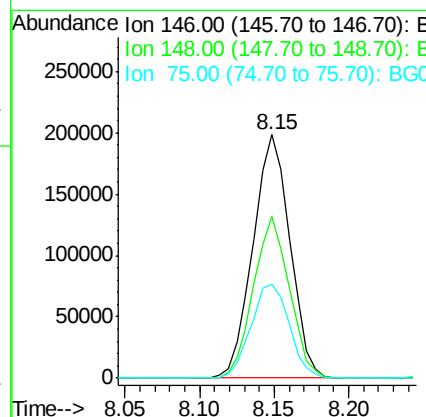
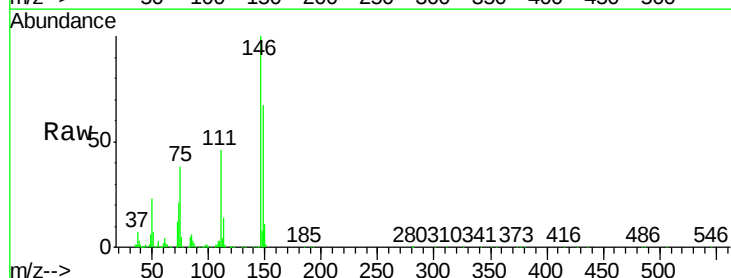
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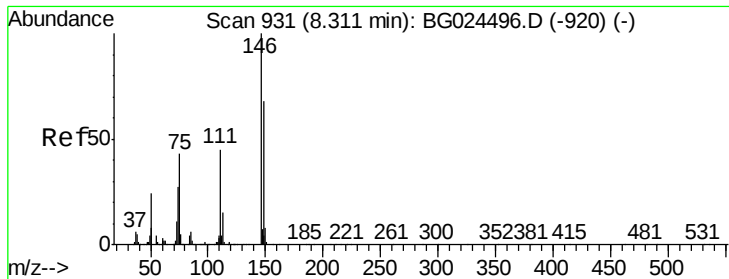
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#12
1,3-Dichlorobenzene
Concen: 43.77 ng
RT: 8.15 min Scan# 904
Delta R.T. -0.02 min
Lab File: BG024740.D
Acq: 7 Nov 2016 22:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.5	49.2	73.8
75	38.4	33.4	50.2





#13

1,4-Dichlorobenzene

Concen: 45.71 ng

RT: 8.30 min Scan# 929

Delta R.T. -0.02 min

Lab File: BG024740.D

Acq: 7 Nov 2016 22:20

Instrument :

BNA_G

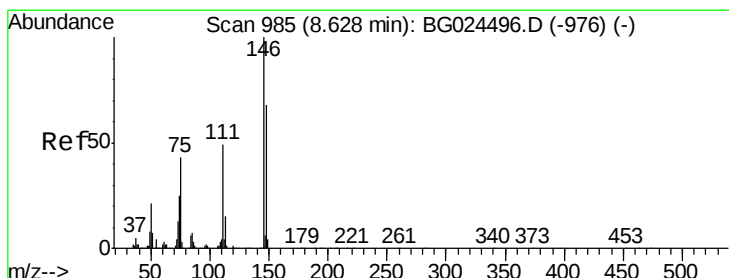
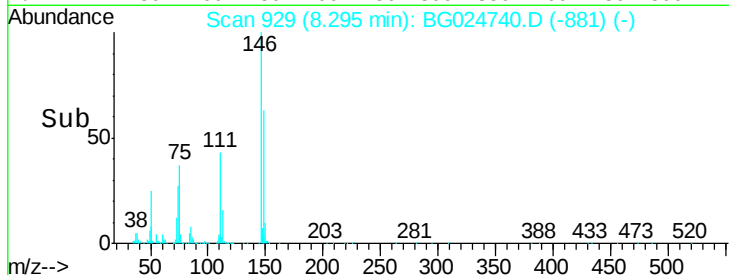
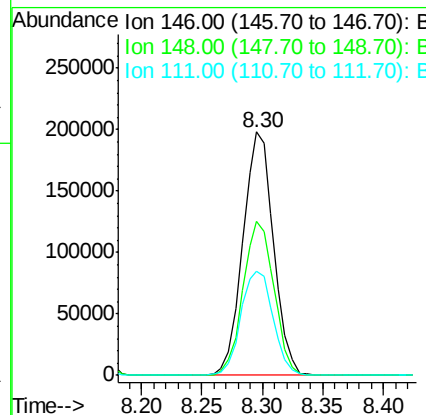
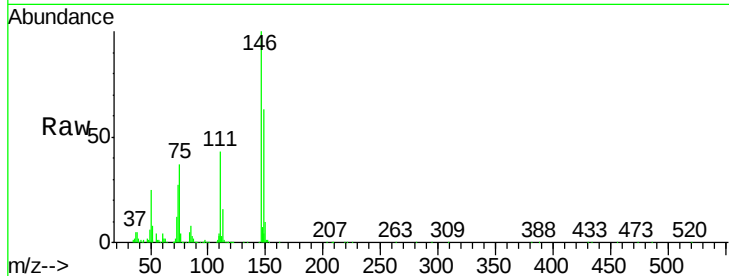
ClientSampleId :

GW-112-11.3-23.0MSD

Tot Ion:	146	Resp:	349785
Ion Ratio	Lower	Upper	
146	100		
148	63.0	52.2	78.2
111	42.6	37.0	55.6

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#14

1,2-Dichlorobenzene

Concen: 46.01 ng

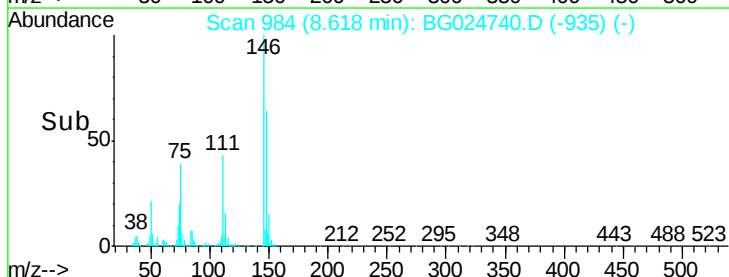
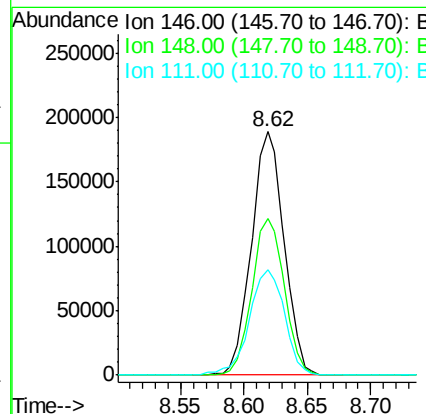
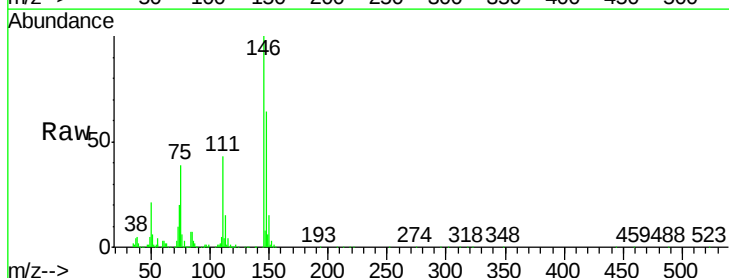
RT: 8.62 min Scan# 984

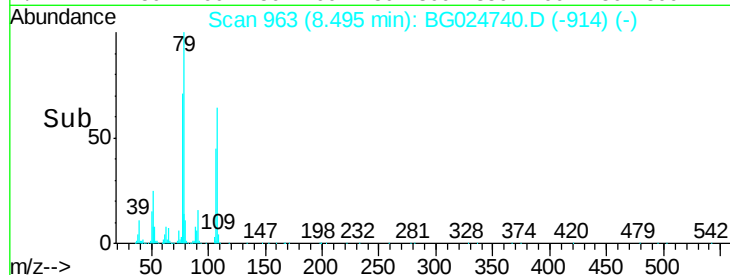
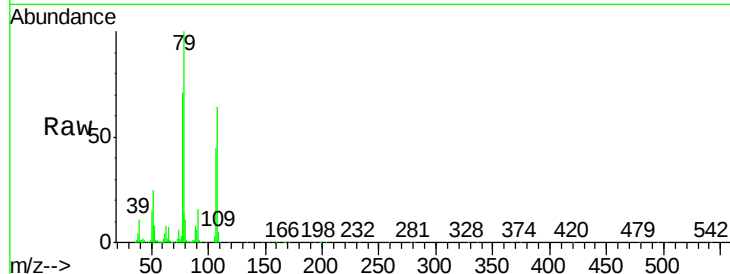
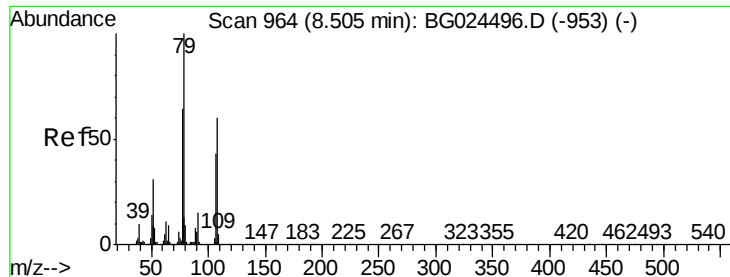
Delta R.T. -0.01 min

Lab File: BG024740.D

Acq: 7 Nov 2016 22:20

Tgt Ion:	146	Resp:	338483
Ion Ratio	Lower	Upper	
146	100		
148	64.1	54.6	81.8
111	43.2	39.7	59.5





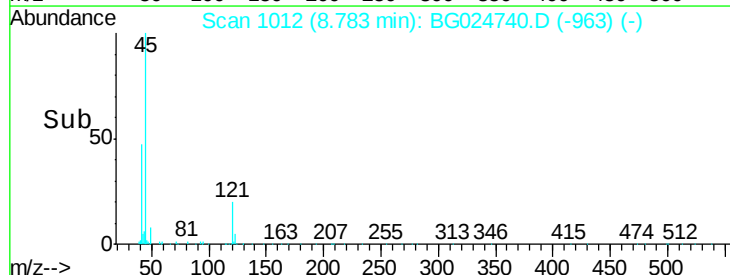
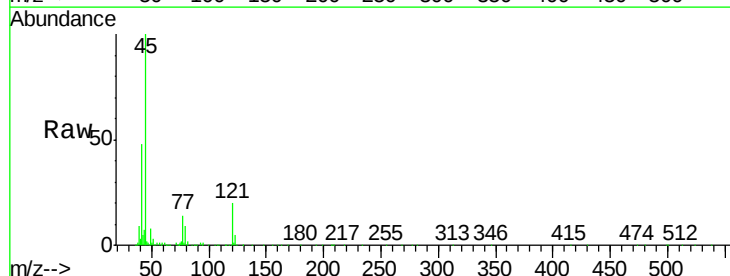
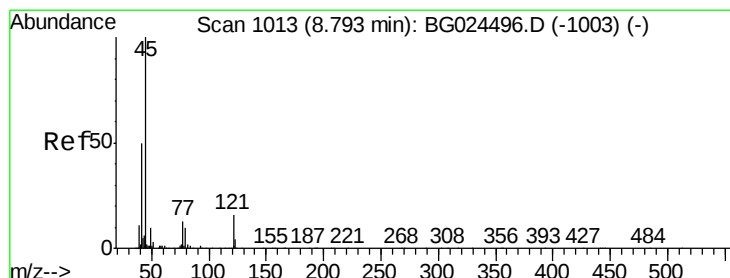
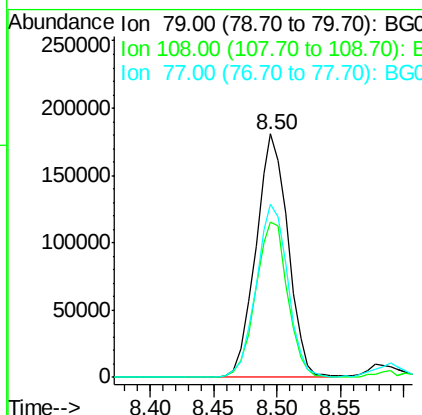
#15
Benzyl Alcohol
Concen: 40.58 ng
RT: 8.50 min Scan# 963
Delta R.T. -0.01 min
Lab File: BG024740.D
Acq: 7 Nov 2016 22:20

Tot Ion:	79	Resp:	318716
Ion Ratio	Lower	Upper	
79	100		
108	63.6	45.5	68.3
77	71.3	54.3	81.5

Instrument :
BNA_G
ClientSampleId :
GW-112-11.3-23.0MSD

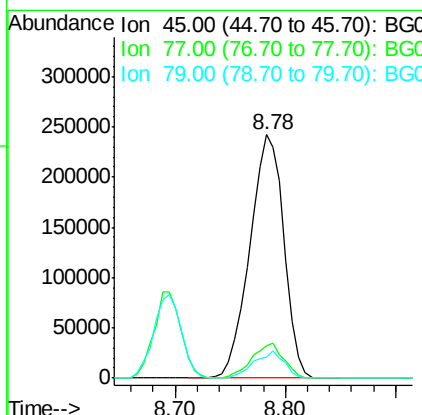
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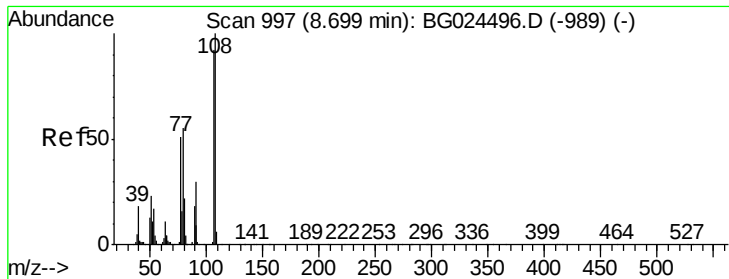
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.07 ng
RT: 8.78 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BG024740.D
Acq: 7 Nov 2016 22:20

Tgt Ion:	45	Resp:	522460
Ion Ratio	Lower	Upper	
45	100		
77	13.6	0.0	30.6
79	8.6	0.0	28.5





#17

2-Methylphenol

Concen: 42.93 ng

RT: 8.69 min Scan# 997

Delta R.T. -0.00 min

Lab File: BG024740.D

Acq: 7 Nov 2016 22:20

Instrument :

BNA_G

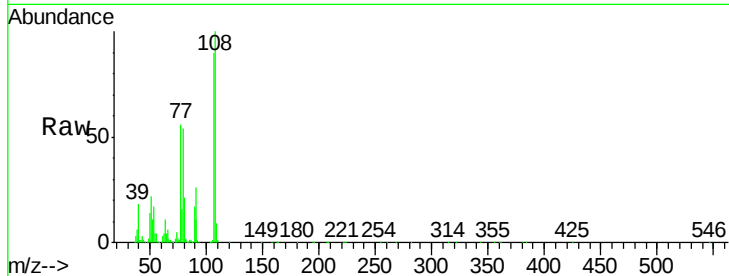
ClientSampleId :

GW-112-11.3-23.0MSD

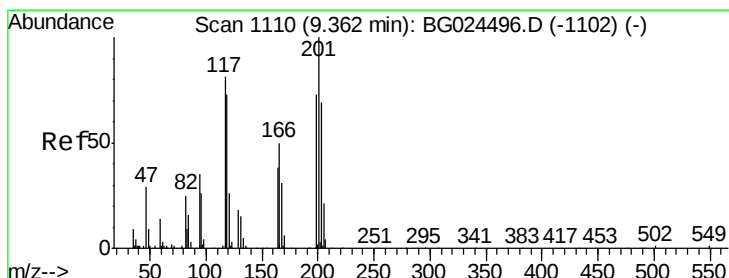
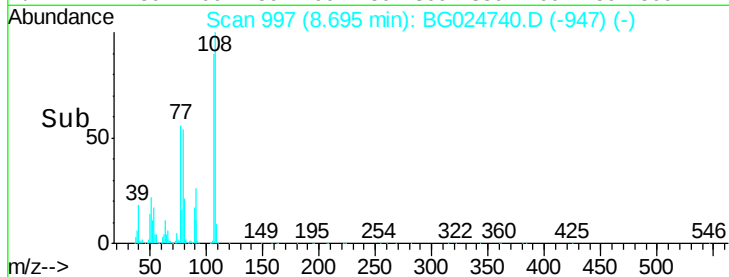
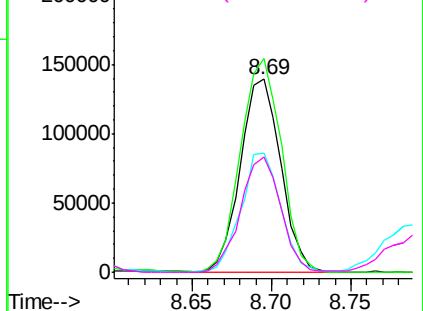
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.7	85.6	128.4	
77	61.5	51.4	77.2	
79	59.7	49.2	73.8	

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Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 44.21 ng

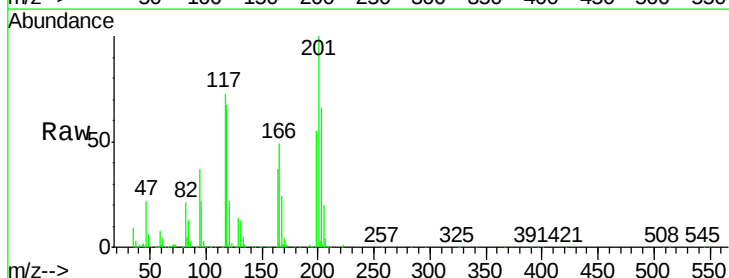
RT: 9.35 min Scan# 1109

Delta R.T. -0.01 min

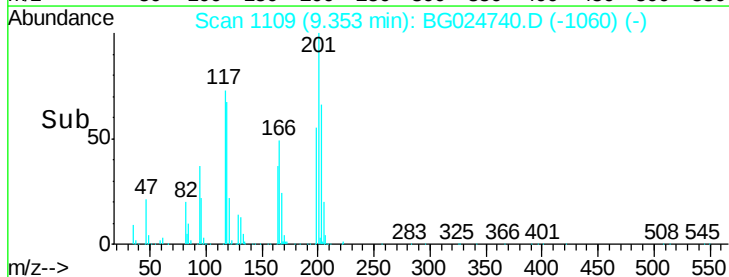
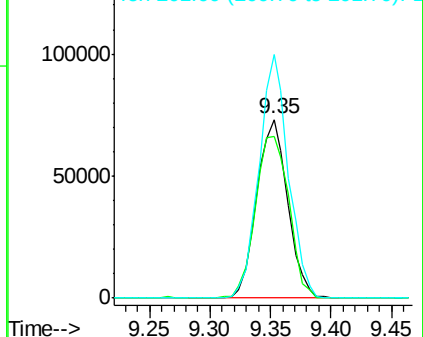
Lab File: BG024740.D

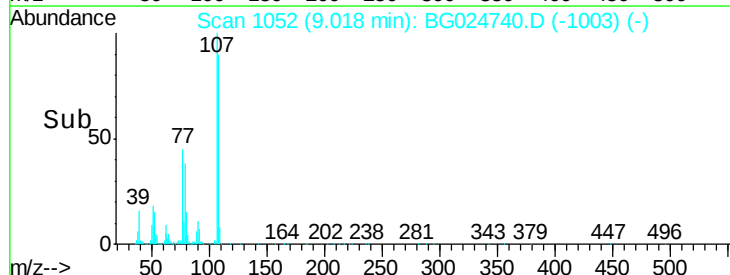
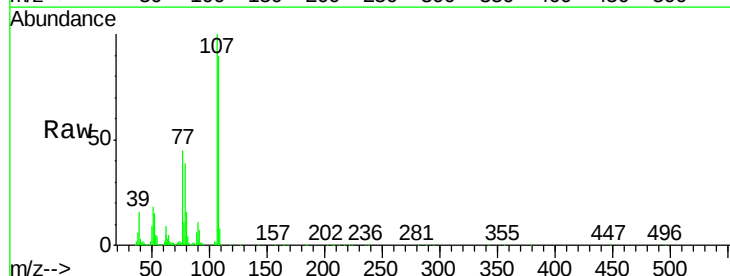
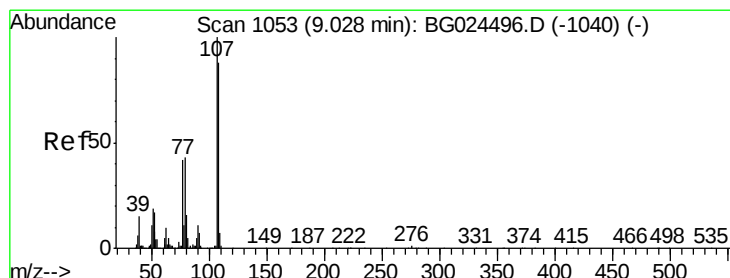
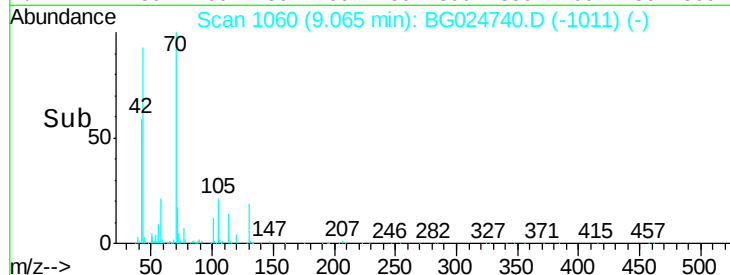
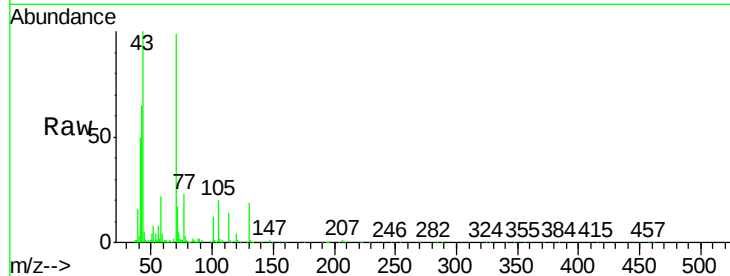
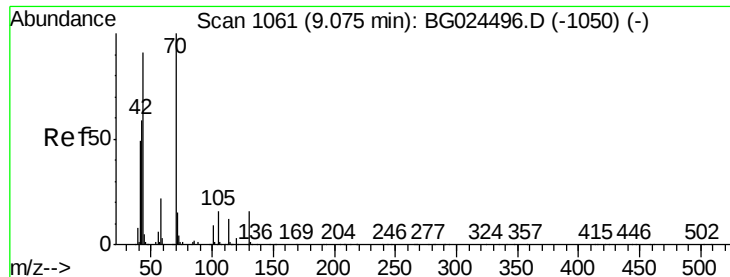
Acq: 7 Nov 2016 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	90.8	69.8	104.6	
201	136.4	95.4	143.0	



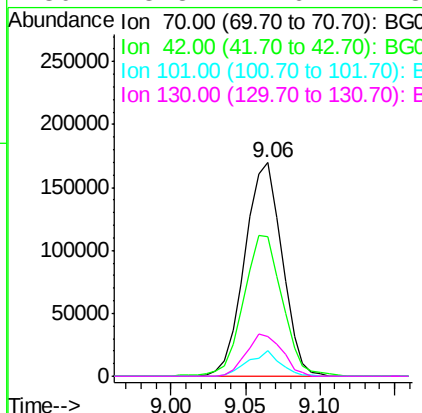
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 47.20 ng
RT: 9.06 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BG024740.D
Acq: 7 Nov 2016 22:20

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		293716		
42	65.2	56.1	84.1		
101	12.2	7.5	11.3		
130	18.8	14.6	21.8		



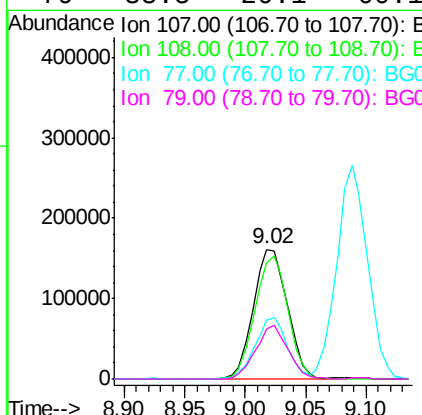
Instrument :
BNA_G
ClientSampleId :
GW-112-11.3-23.0MSD

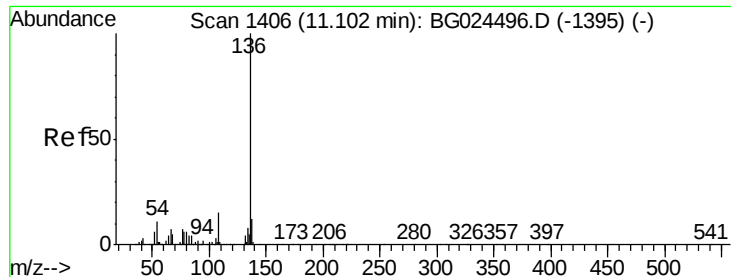
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#20
3+4-Methylphenols
Concen: 40.81 ng
RT: 9.02 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BG024740.D
Acq: 7 Nov 2016 22:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		316041		
108	89.9	70.8	110.8		
77	45.1	25.8	65.8		
79	38.5	20.1	60.1		





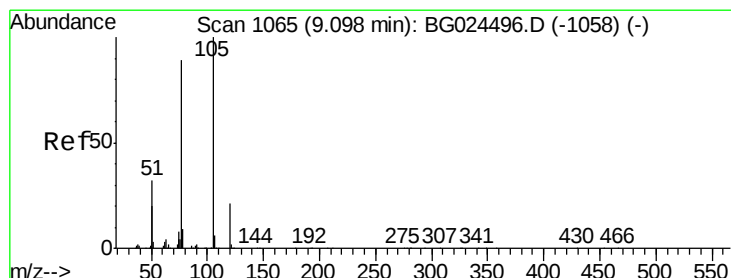
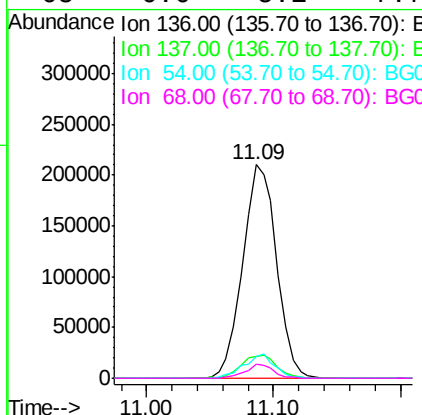
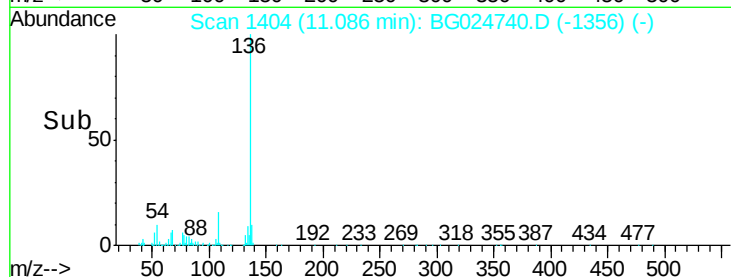
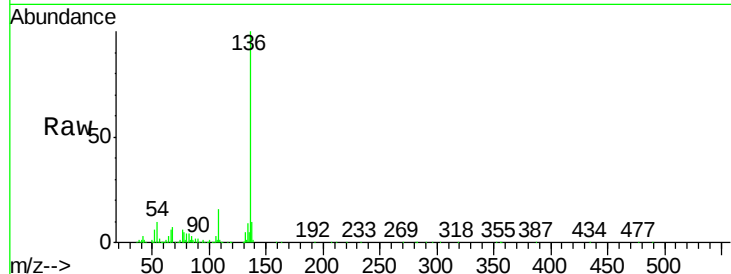
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.09 min Scan# 1404
Delta R.T. -0.02 min
Lab File: BG024740.D
Acq: 7 Nov 2016 22:20

Instrument :
BNA_G
ClientSampleId :
GW-112-11.3-23.0MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	388945		
137	10.1		8.9	13.3
54	10.0		9.3	13.9
68	6.6		5.1	7.7

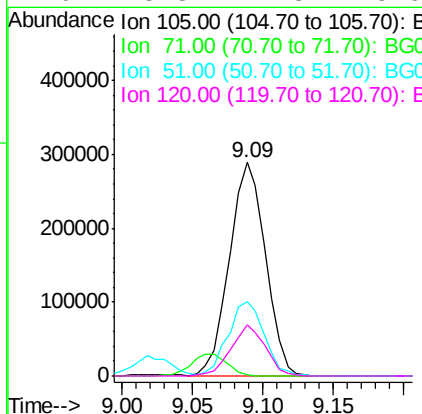
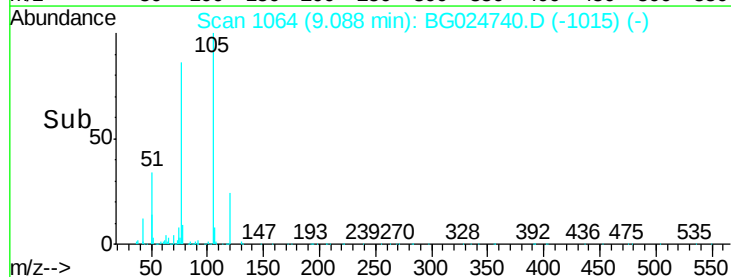
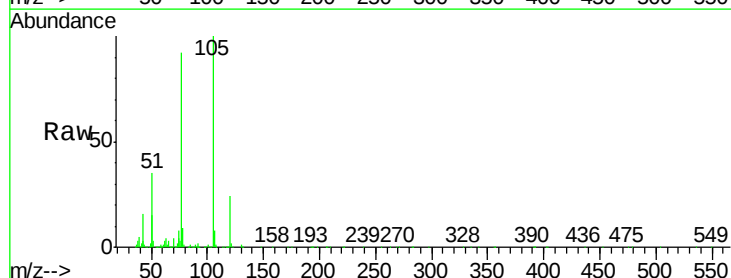
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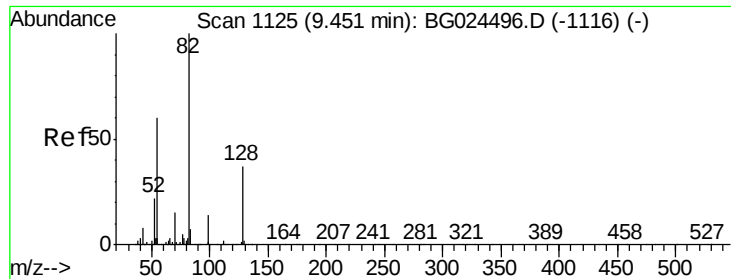
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#22
Acetophenone
Concen: 51.47 ng
RT: 9.09 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BG024740.D
Acq: 7 Nov 2016 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	514237		
71	0.4		0.9	1.3#
51	34.7		34.0	51.0
120	23.8		17.3	25.9





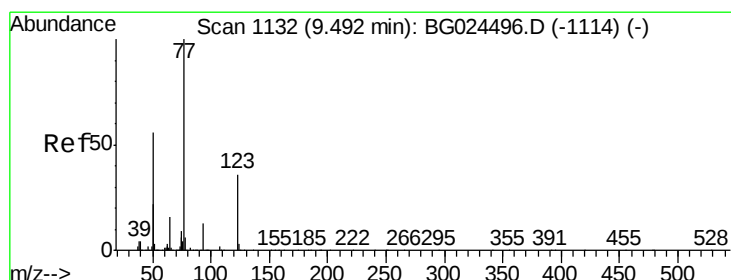
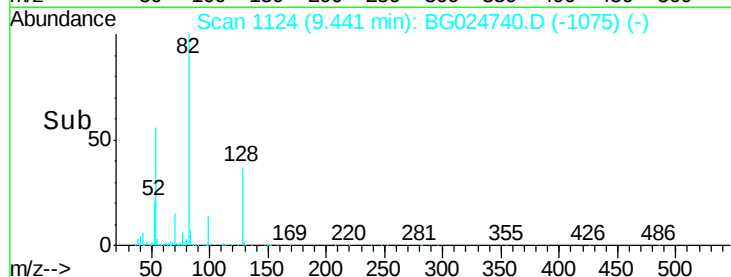
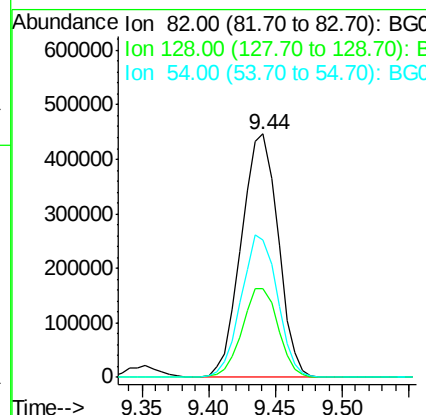
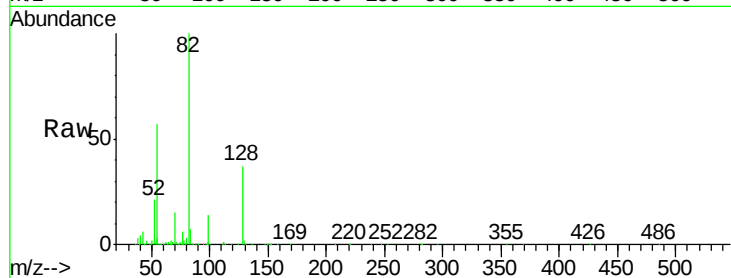
#23
 Nitrobenzene-d5
 Concen: 100.03 ng
 RT: 9.44 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BG024740.D
 Acq: 7 Nov 2016 22:20

Instrument :
 BNA_G
 ClientSampleId :
 GW-112-11.3-23.0MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	36.6	26.4	39.6
54	56.5	49.4	74.2

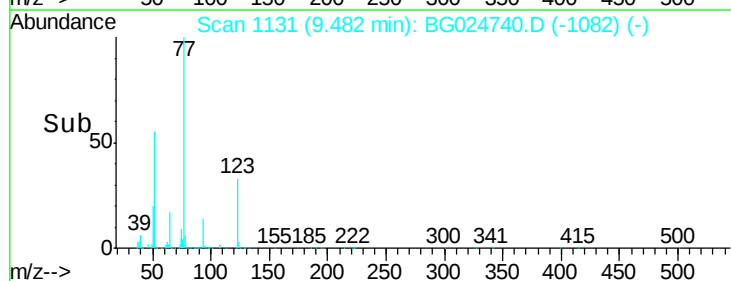
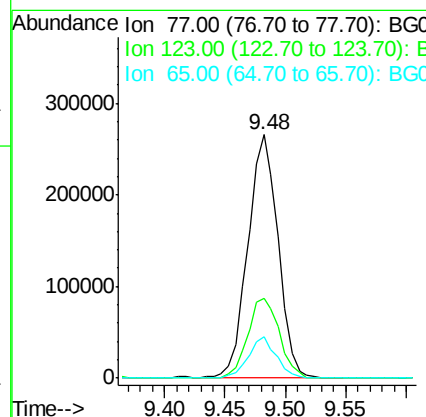
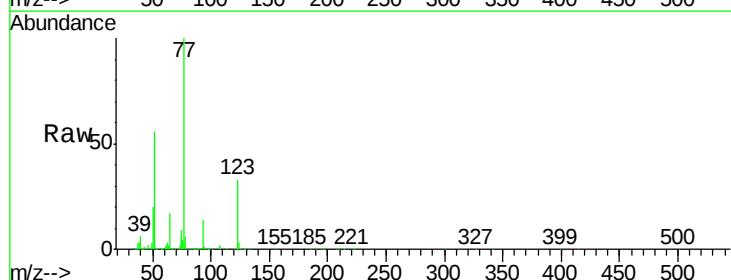
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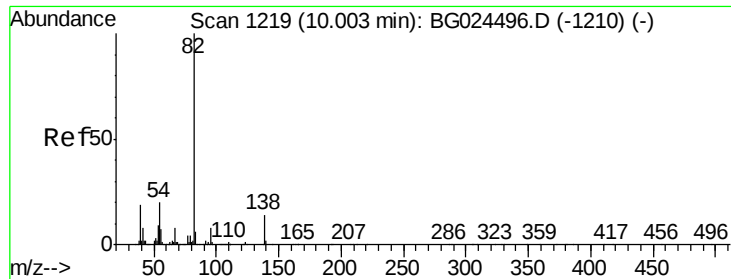
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#24
 Nitrobenzene
 Concen: 48.74 ng
 RT: 9.48 min Scan# 1131
 Delta R.T. -0.01 min
 Lab File: BG024740.D
 Acq: 7 Nov 2016 22:20

Tgt Ion	Ratio	Lower	Upper
77	100		
123	32.9	26.1	39.1
65	16.9	12.4	18.6





#25

Isophorone

Concen: 52.13 ng

RT: 9.99 min Scan# 1218

Delta R.T. -0.01 min

Lab File: BG024740.D

Acq: 7 Nov 2016 22:20

Instrument :

BNA_G

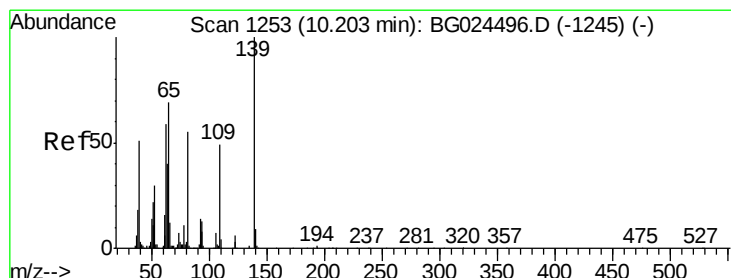
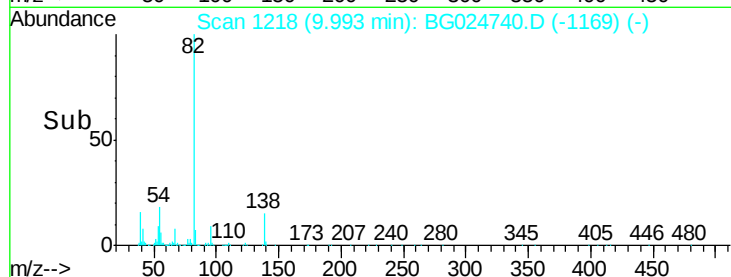
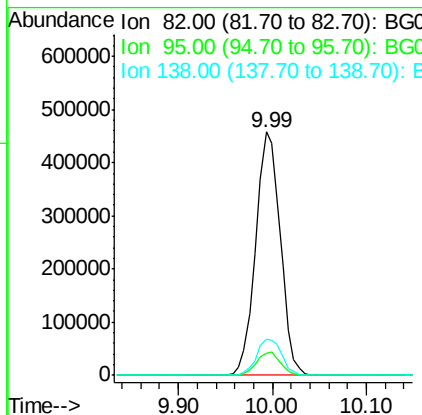
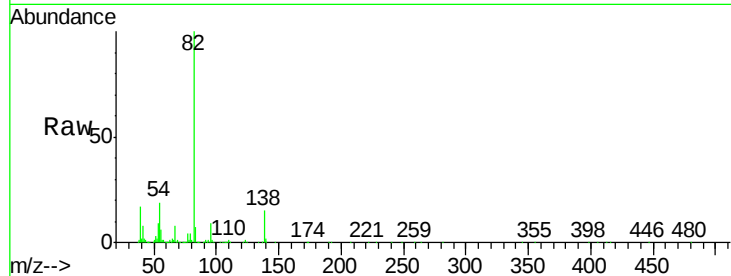
ClientSampleId :

GW-112-11.3-23.0MSD

Tot Ion:	82	Resp:	828301
Ion Ratio	Lower	Upper	
82	100		
95	8.9	7.5	11.3
138	14.9	12.3	18.5

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#26

2-Nitrophenol

Concen: 53.51 ng

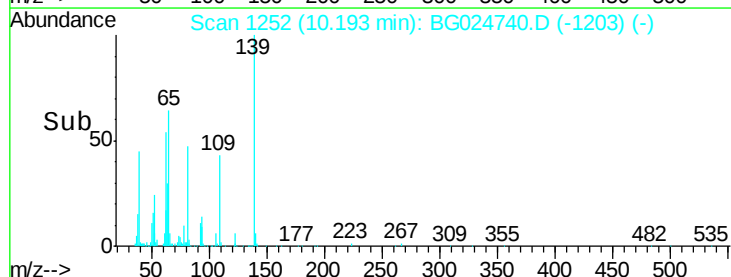
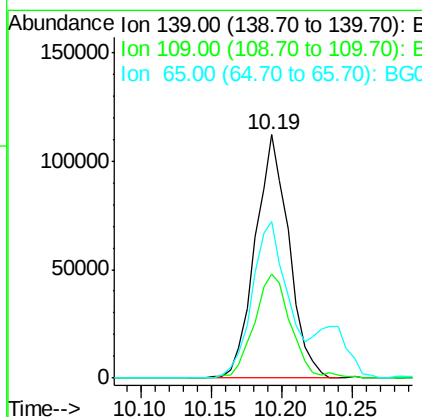
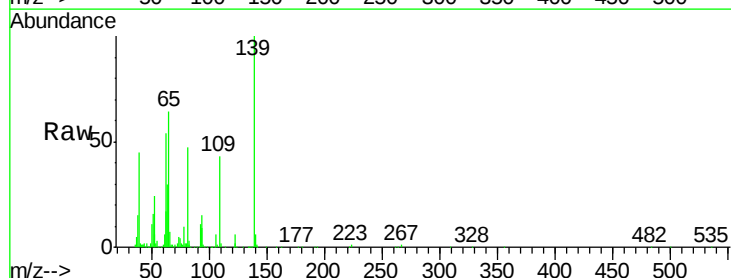
RT: 10.19 min Scan# 1252

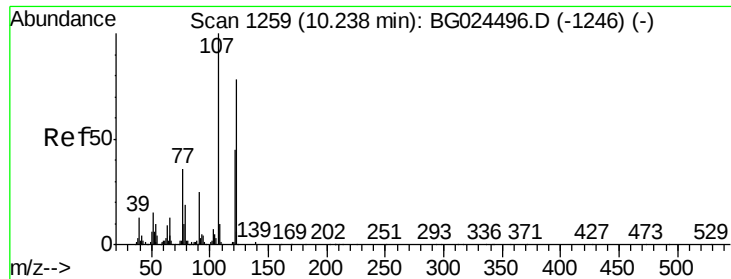
Delta R.T. -0.01 min

Lab File: BG024740.D

Acq: 7 Nov 2016 22:20

Tgt Ion:	139	Resp:	188742
Ion Ratio	Lower	Upper	
139	100		
109	42.9	38.6	58.0
65	64.4	57.1	85.7





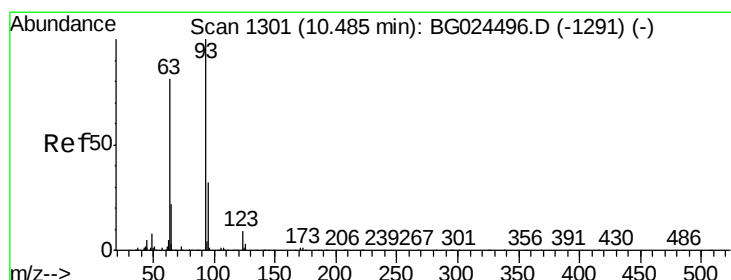
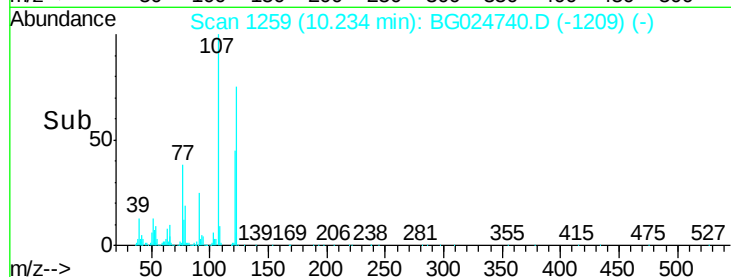
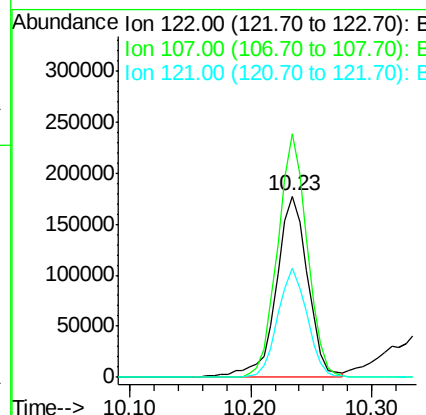
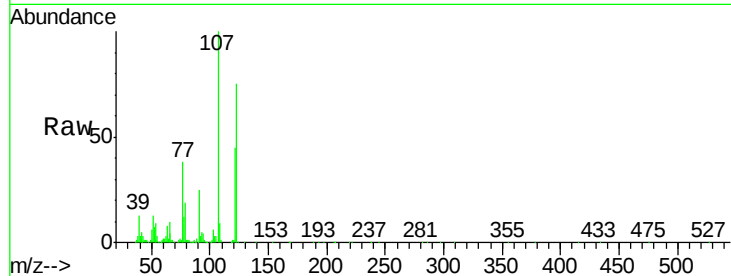
#27
2,4-Dimethylphenol
Concen: 51.74 ng
RT: 10.23 min Scan# 1259
Delta R.T. -0.00 min
Lab File: BG024740.D
Acq: 7 Nov 2016 22:20

Instrument :
BNA_G
ClientSampleId :
GW-112-11.3-23.0MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	134.2	104.2	156.4
121	59.9	46.0	69.0

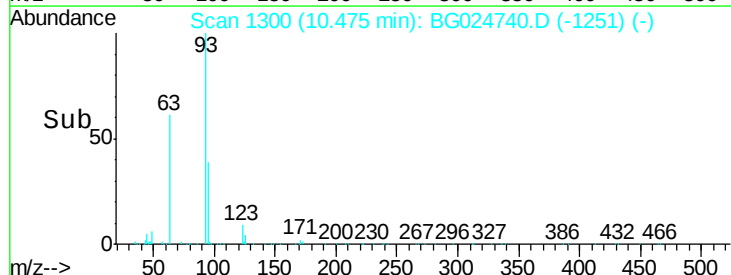
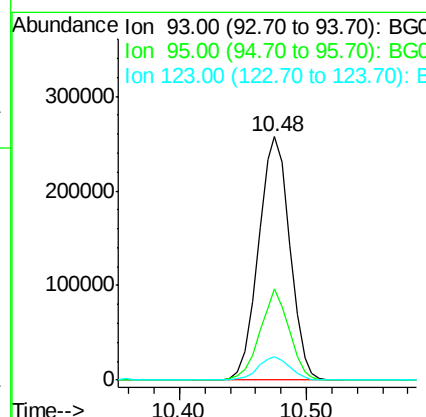
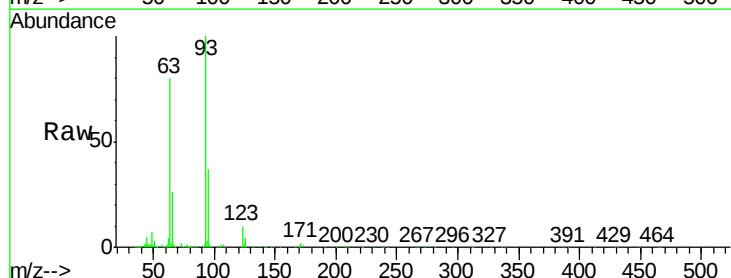
Manual Integrations
APPROVED

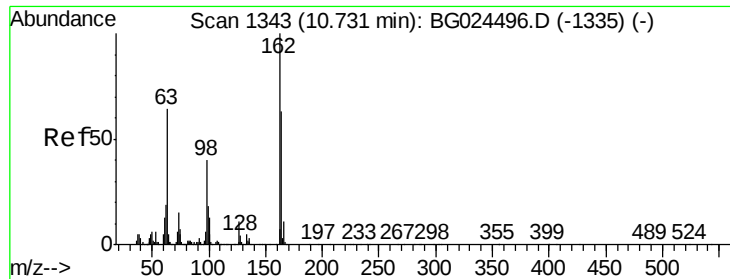
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#28
bis(2-Chloroethoxy)methane
Concen: 53.85 ng
RT: 10.48 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BG024740.D
Acq: 7 Nov 2016 22:20

Tgt Ion	Ratio	Lower	Upper
93	100		
95	37.5	25.7	38.5
123	9.6	8.3	12.5





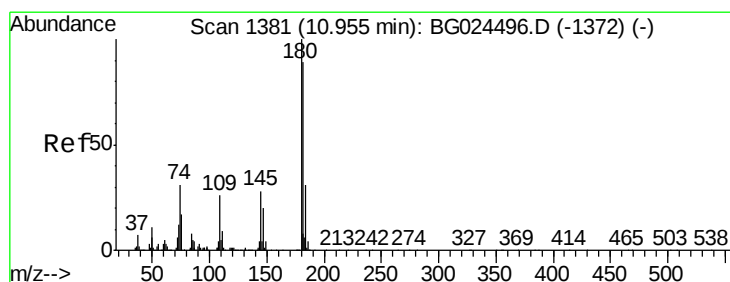
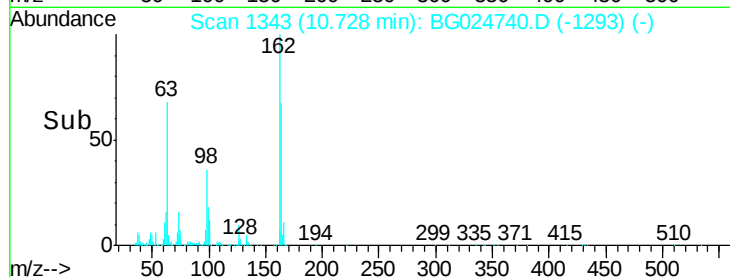
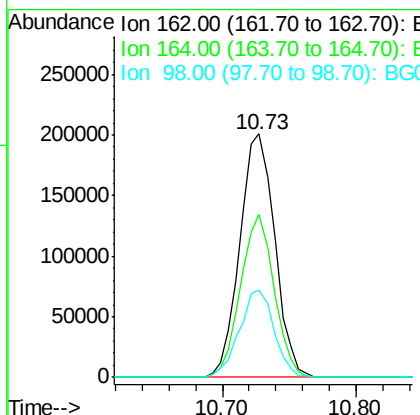
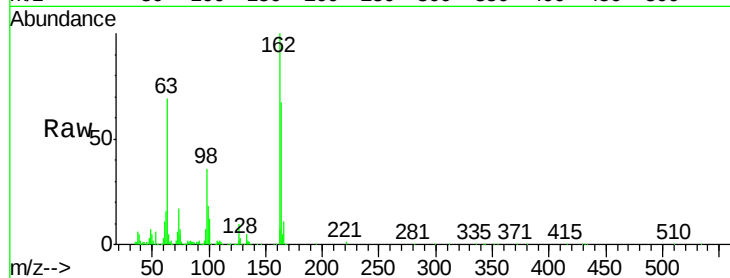
#29
2,4-Dichlorophenol
Concen: 56.06 ng
RT: 10.73 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG024740.D
Acq: 7 Nov 2016 22:20

Instrument :
BNA_G
ClientSampleId :
GW-112-11.3-23.0MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	67.1	42.4	82.4
98	35.9	20.3	60.3

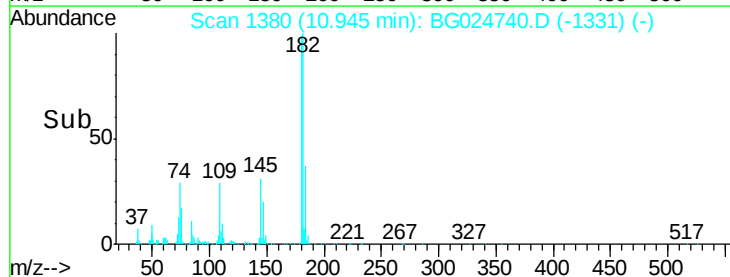
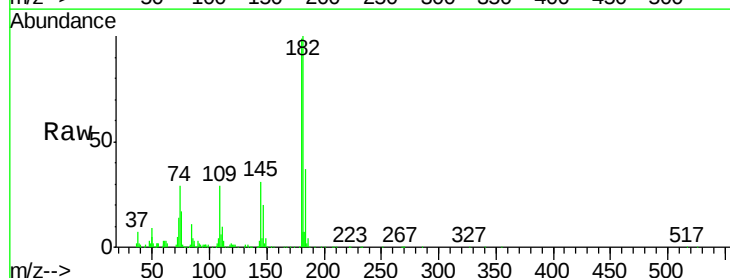
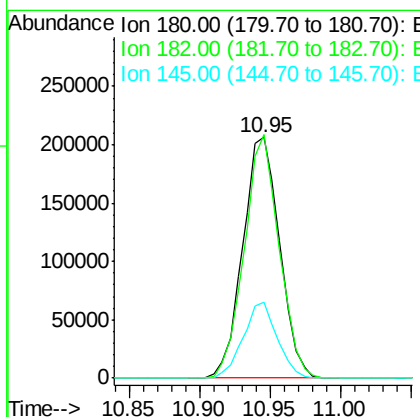
Manual Integrations
APPROVED

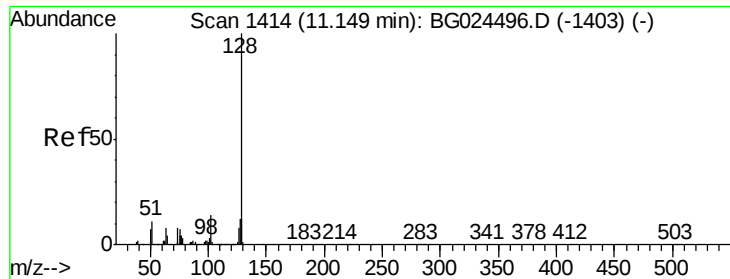
sohil
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#30
1,2,4-Trichlorobenzene
Concen: 48.98 ng
RT: 10.95 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BG024740.D
Acq: 7 Nov 2016 22:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	101.2	77.0	115.4
145	31.4	23.4	35.0





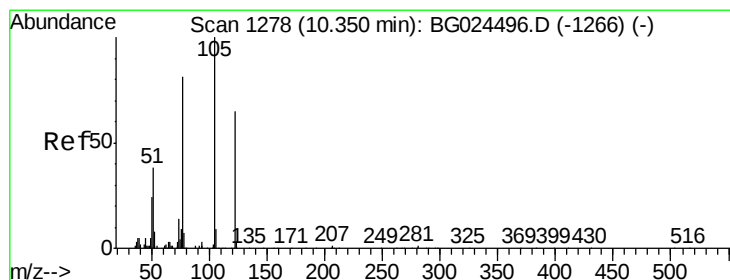
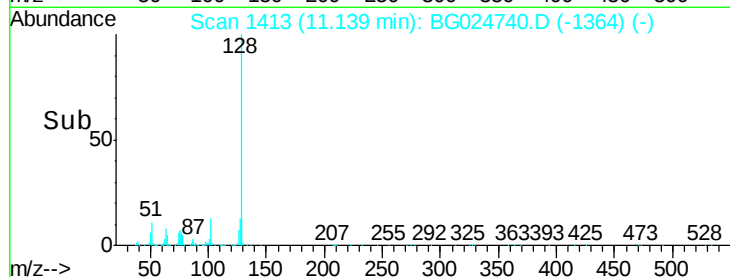
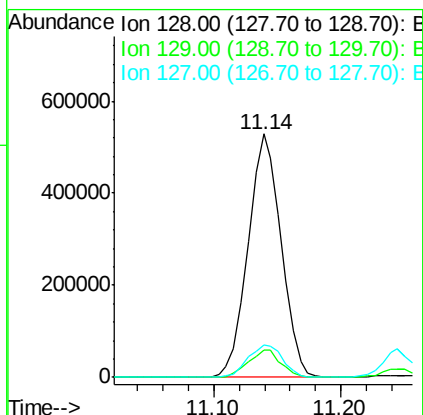
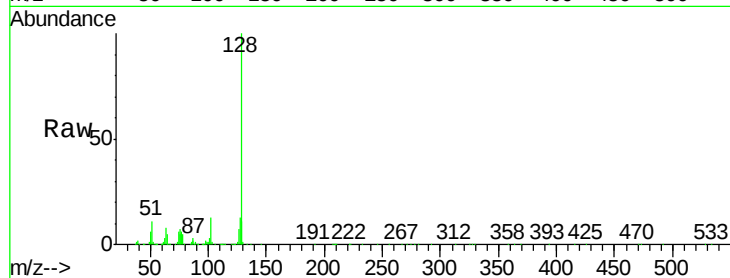
#31
Naphthalene
Concen: 49.32 ng
RT: 11.14 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BG024740.D
Acq: 7 Nov 2016 22:20

Instrument :
BNA_G
ClientSampleId :
GW-112-11.3-23.0MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	956822		
129	11.2	9.3	13.9	
127	13.5	11.4	17.0	

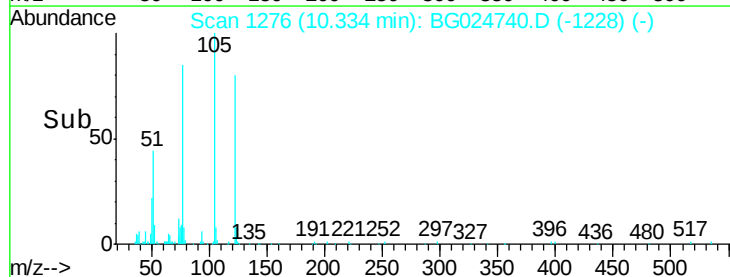
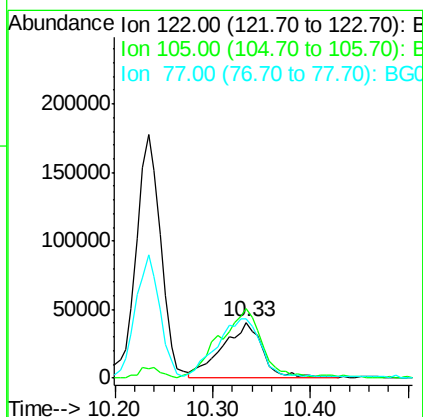
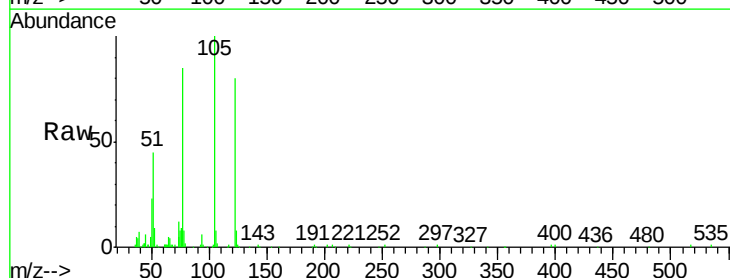
Manual Integrations
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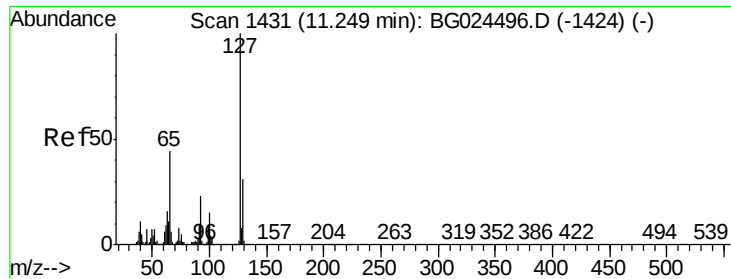
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#32
Benzoic acid
Concen: 22.24 ng
RT: 10.33 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BG024740.D
Acq: 7 Nov 2016 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	114353		
105	124.9	120.1	160.1	
77	106.5	104.6	144.6	





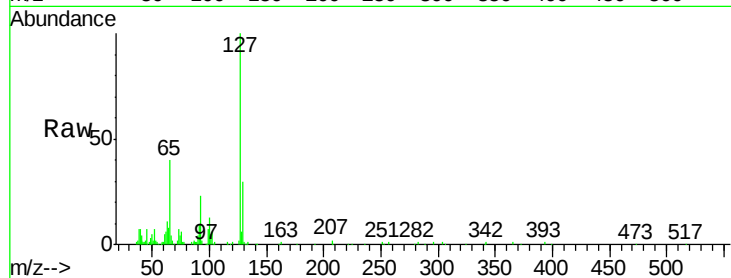
#33
4-Chloroaniline
Concen: 12.33 ng
RT: 11.24 min Scan# 1431
Delta R.T. -0.00 min
Lab File: BG024740.D
Acq: 7 Nov 2016 22:20

Instrument :
BNA_G
ClientSampleId :
GW-112-11.3-23.0MSD

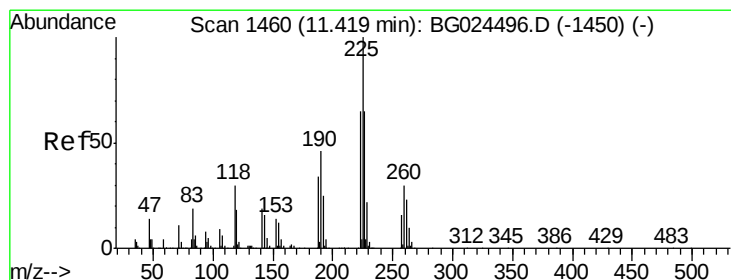
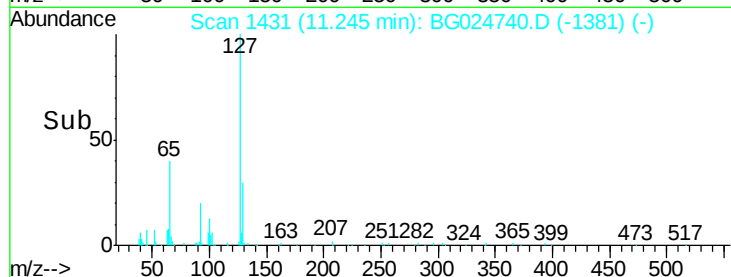
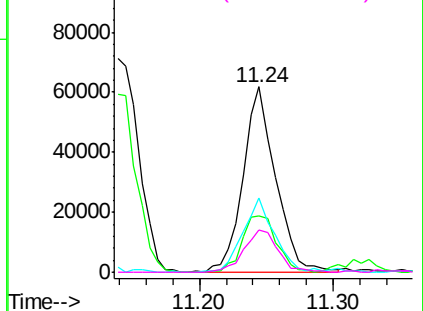
Tot Ion	Ratio	Lower	Upper
127	100		
129	30.3	23.6	35.4
65	40.3	37.7	56.5
92	22.7	17.6	26.4

Manual Integrations
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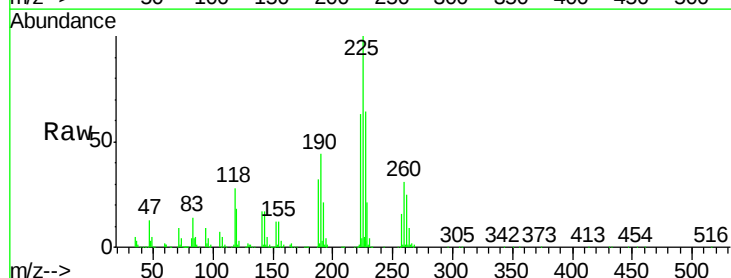


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

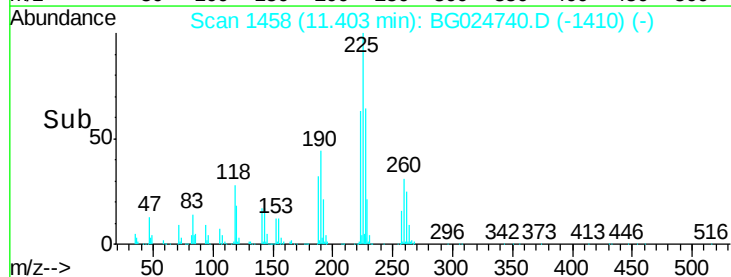
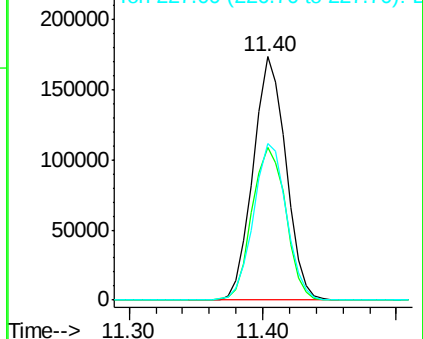


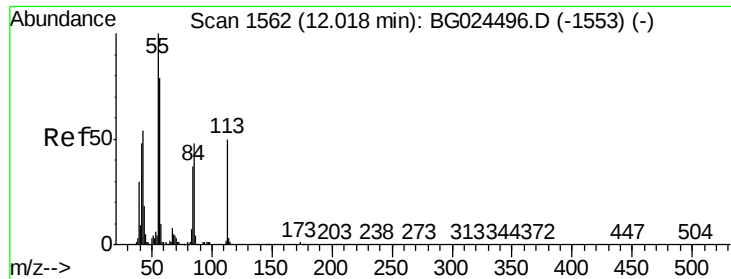
#34
Hexachlorobutadiene
Concen: 48.77 ng
RT: 11.40 min Scan# 1458
Delta R.T. -0.02 min
Lab File: BG024740.D
Acq: 7 Nov 2016 22:20

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.7	76.1
227	64.4	49.0	73.6



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





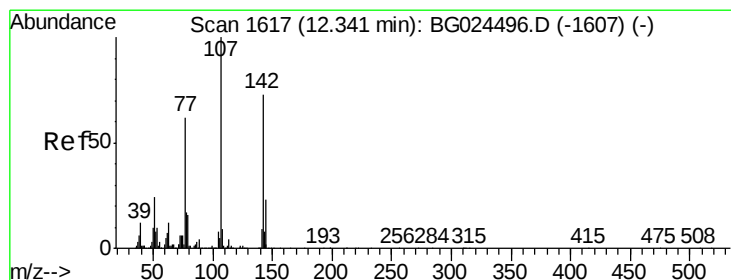
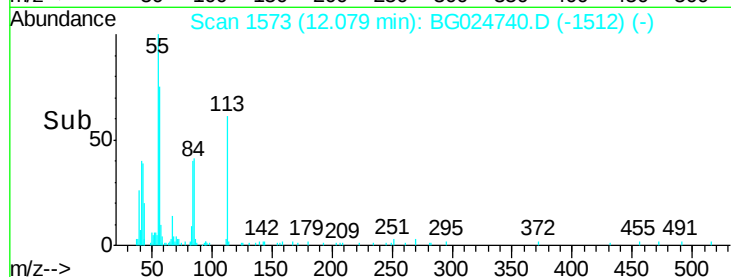
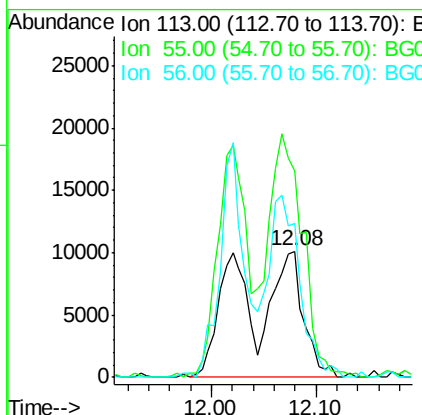
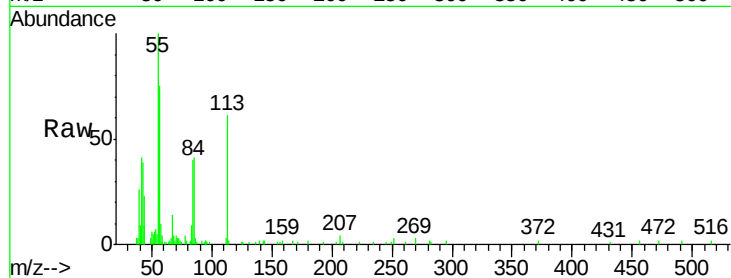
#35
Caprolactam
Concen: 17.04 ng/ml
RT: 12.08 min Scan# 1573
Delta R.T. 0.06 min
Lab File: BG024740.D
Acq: 7 Nov 2016 22:20

Instrument :
BNA_G
ClientSampleId :
GW-112-11.3-23.0MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	163.8	198.6	238.6#
56	122.1	140.4	180.4#

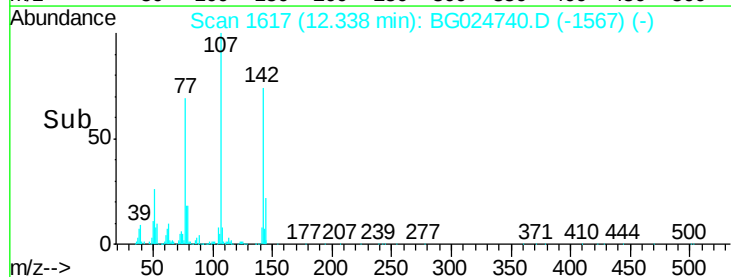
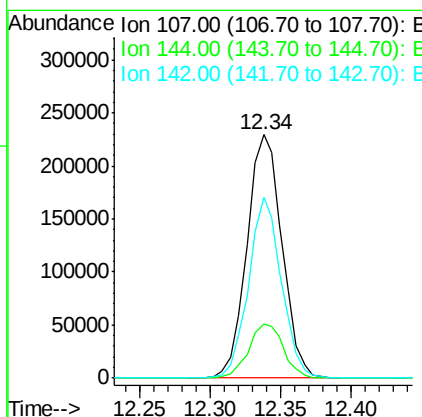
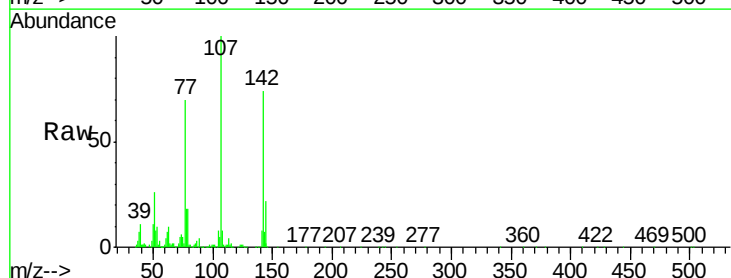
Manual Integrations
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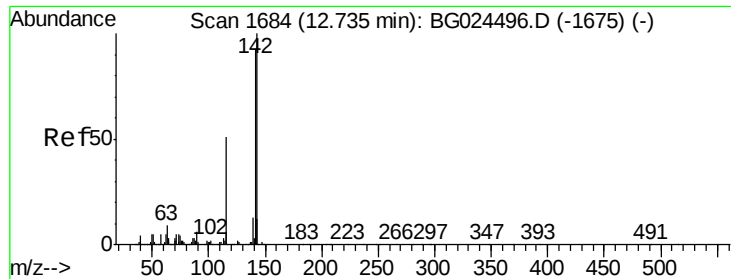
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#36
4-Chloro-3-methylphenol
Concen: 51.17 ng
RT: 12.34 min Scan# 1617
Delta R.T. -0.00 min
Lab File: BG024740.D
Acq: 7 Nov 2016 22:20

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.3	17.4	26.0
142	74.1	54.1	81.1





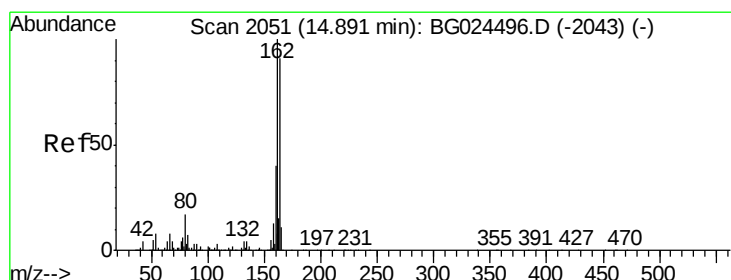
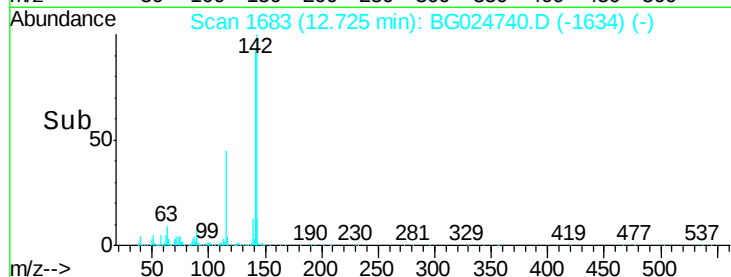
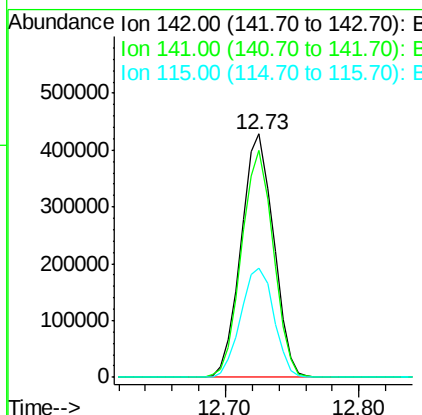
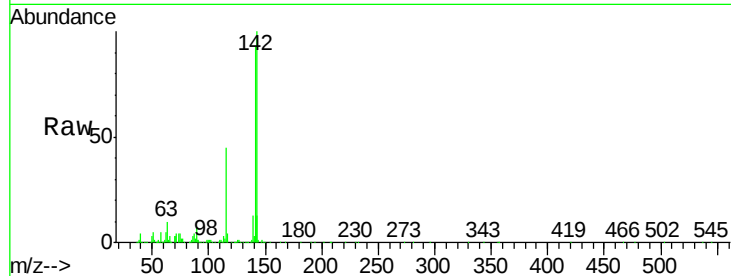
#37
2-Methylnaphthalene
Concen: 50.90 ng
RT: 12.73 min Scan# 1683
Delta R.T. -0.01 min
Lab File: BG024740.D
Acq: 7 Nov 2016 22:20

Instrument :
BNA_G
ClientSampleId :
GW-112-11.3-23.0MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.1	70.4	105.6
115	44.6	35.5	53.3

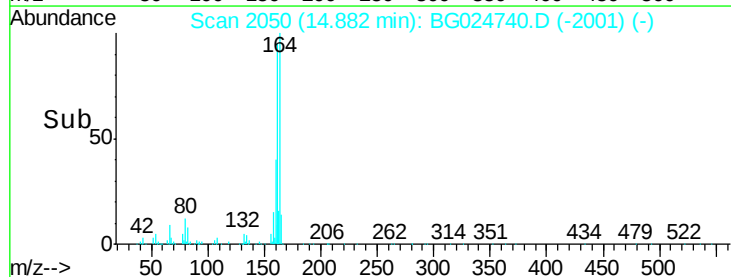
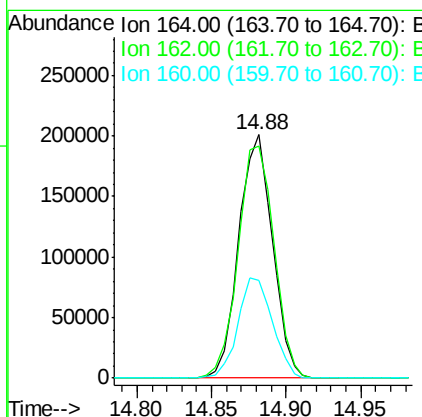
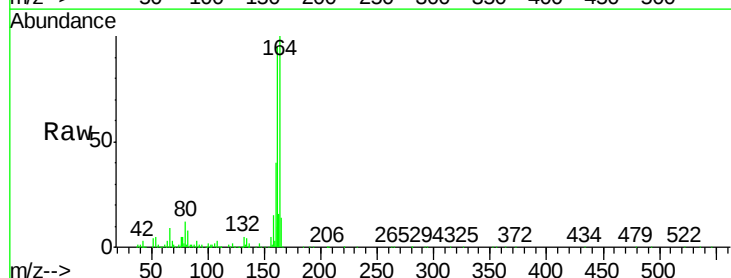
Manual Integrations
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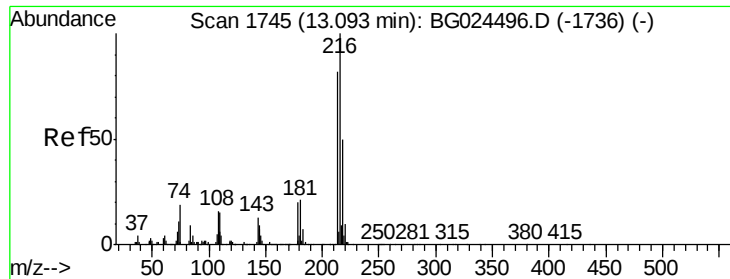
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.88 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BG024740.D
Acq: 7 Nov 2016 22:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	95.1	85.1	127.7
160	40.0	34.7	52.1





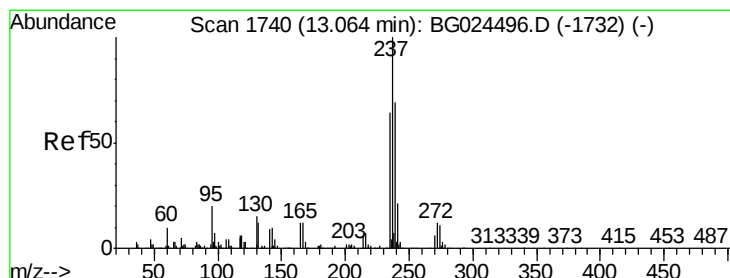
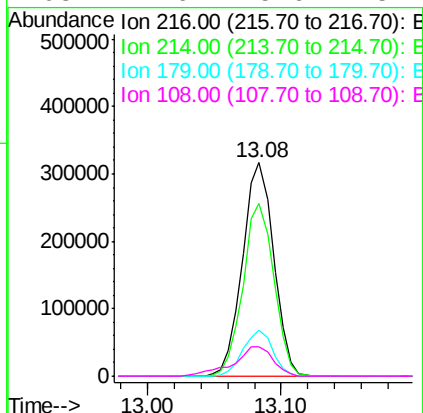
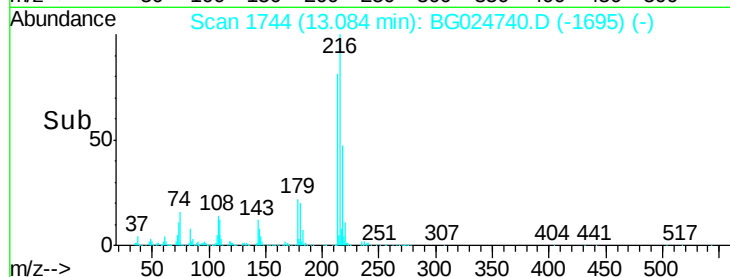
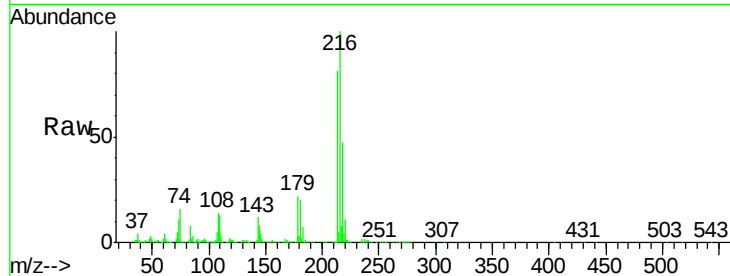
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.16 ng
 RT: 13.08 min Scan# 1744
 Delta R.T. -0.01 min
 Lab File: BG024740.D
 Acq: 7 Nov 2016 22:20

Instrument :
 BNA_G
 ClientSampleId :
 GW-112-11.3-23.0MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		511097		
214	80.0		64.4	96.6	
179	20.8		17.4	26.0	
108	17.6		15.6	23.4	

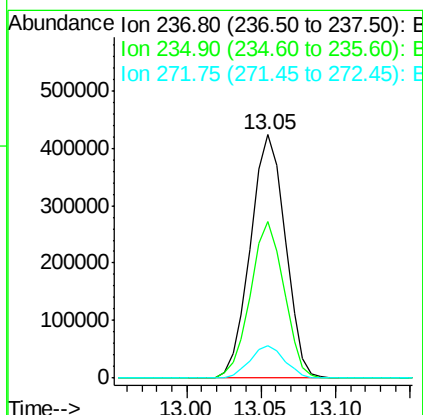
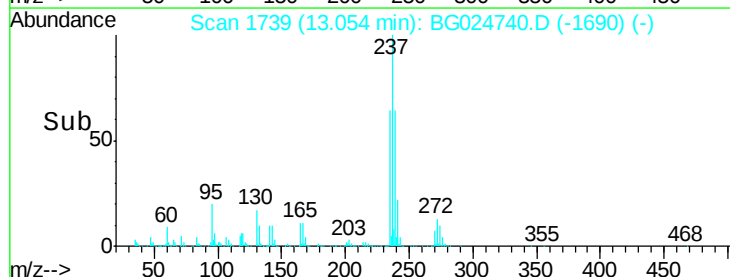
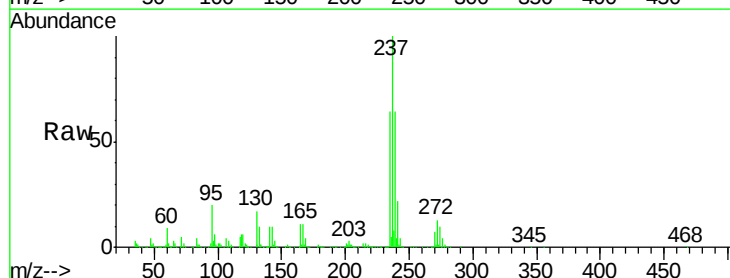
Manual Integrations
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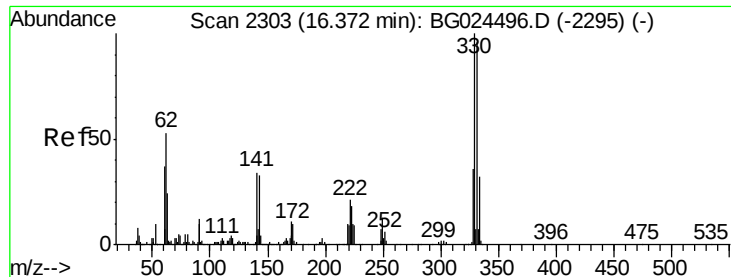
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#40
 Hexachlorocyclopentadiene
 Concen: 114.10 ng
 RT: 13.05 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: BG024740.D
 Acq: 7 Nov 2016 22:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		681865		
235	64.2		39.4	79.4	
272	13.4		0.0	32.0	





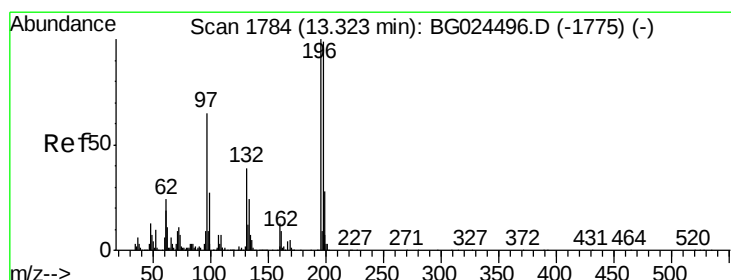
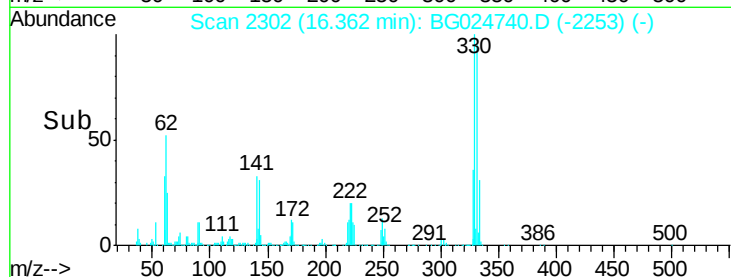
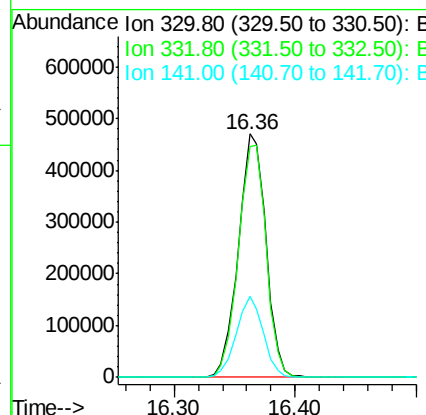
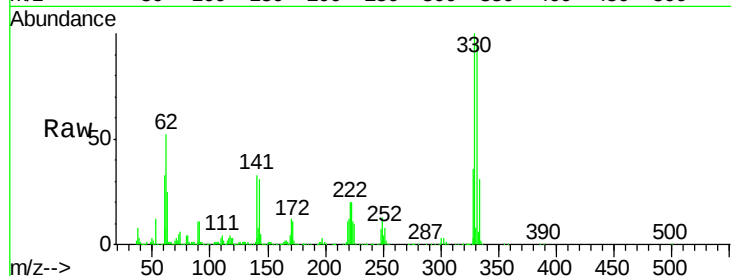
#41
2,4,6-Tribromophenol
Concen: 158.93 ng
RT: 16.36 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BG024740.D
Acq: 7 Nov 2016 22:20

Instrument :
BNA_G
ClientSampleId :
GW-112-11.3-23.0MSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.3	115.9
141	32.6	32.1	48.1

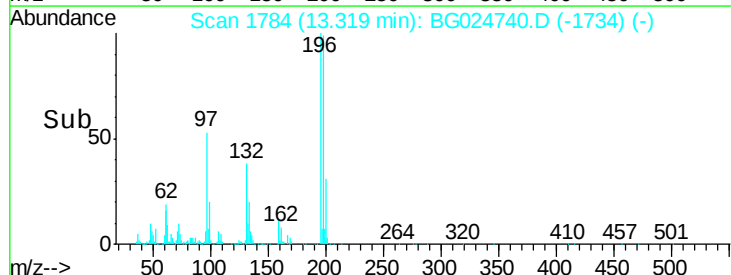
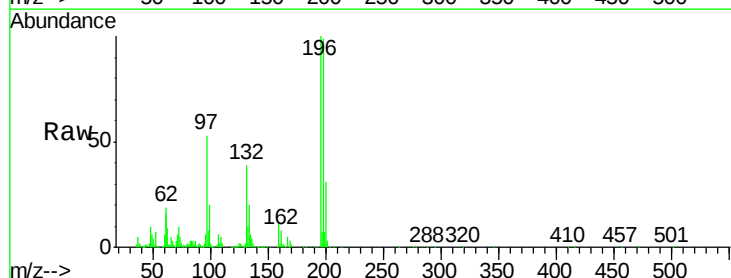
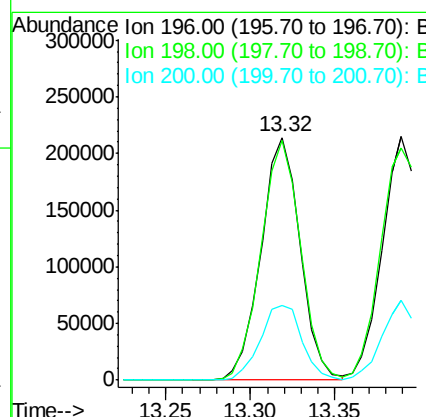
Manual Integrations
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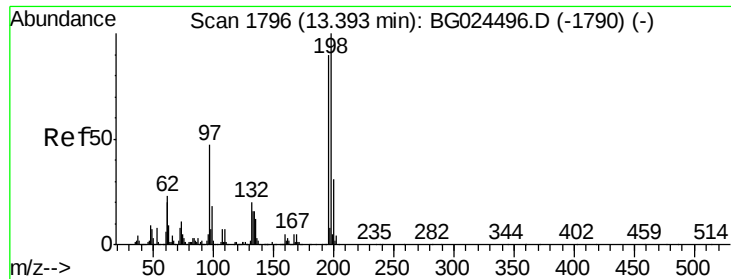
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#42
2,4,6-Trichlorophenol
Concen: 54.12 ng
RT: 13.32 min Scan# 1784
Delta R.T. -0.00 min
Lab File: BG024740.D
Acq: 7 Nov 2016 22:20

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.7	81.4	122.2
200	30.7	27.0	40.6





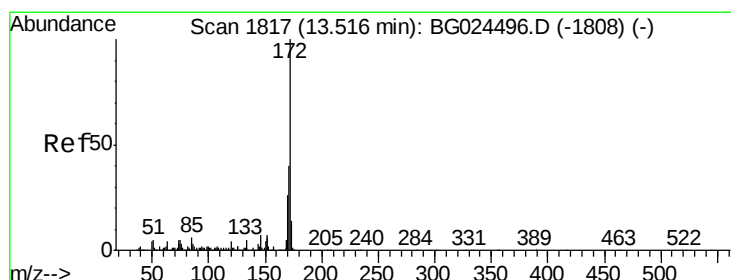
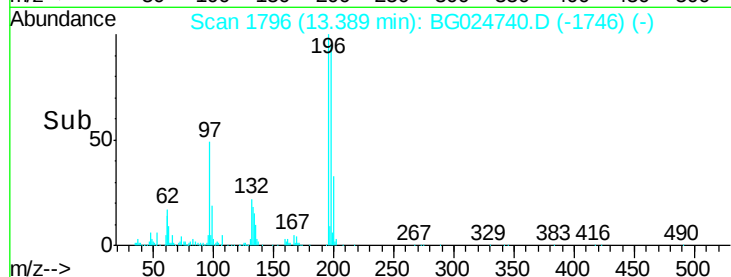
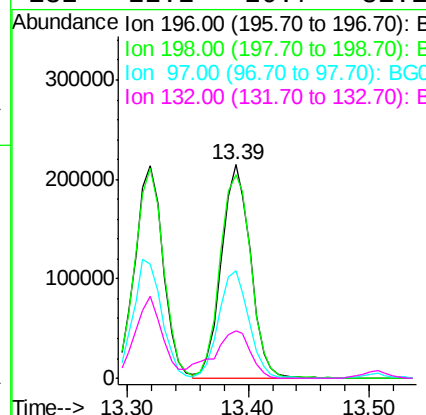
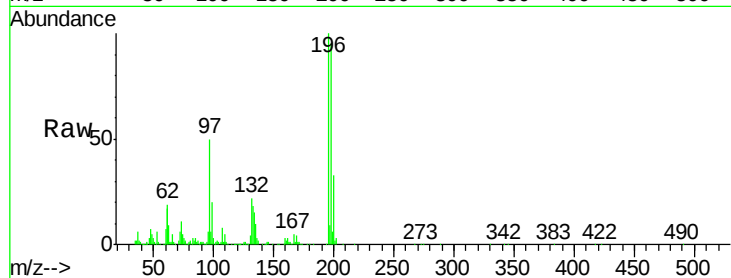
#43
2,4,5-Trichlorophenol
Concen: 51.81 ng
RT: 13.39 min Scan# 1796
Delta R.T. -0.00 min
Lab File: BG024740.D
Acq: 7 Nov 2016 22:20

Instrument :
BNA_G
ClientSampleId :
GW-112-11.3-23.0MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	95.3	79.9	119.9	
97	50.2	45.4	68.0	
132	22.2	20.7	31.1	

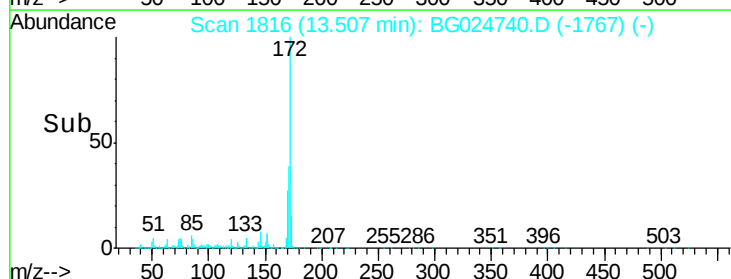
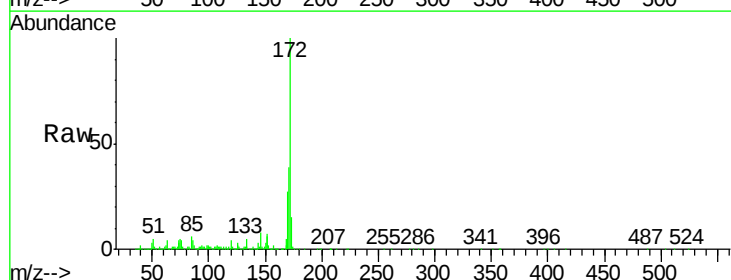
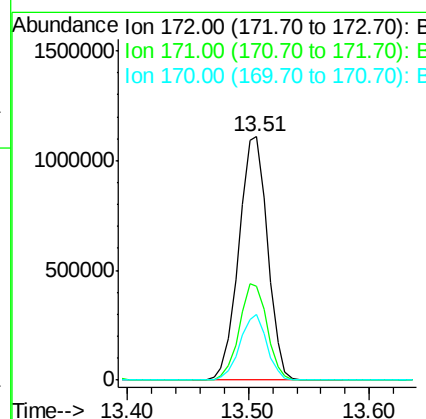
Manual Integrations
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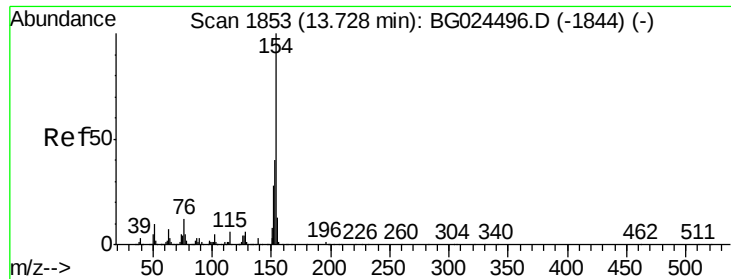
sohil
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#44
2-Fluorobiphenyl
Concen: 96.95 ng
RT: 13.51 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BG024740.D
Acq: 7 Nov 2016 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	38.6	32.2	48.2	
170	27.1	21.8	32.6	





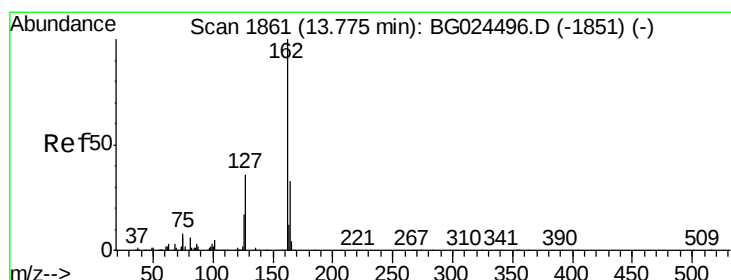
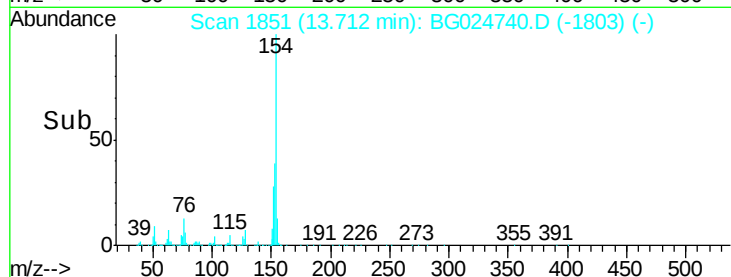
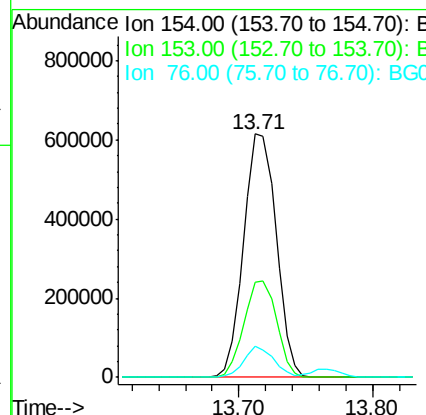
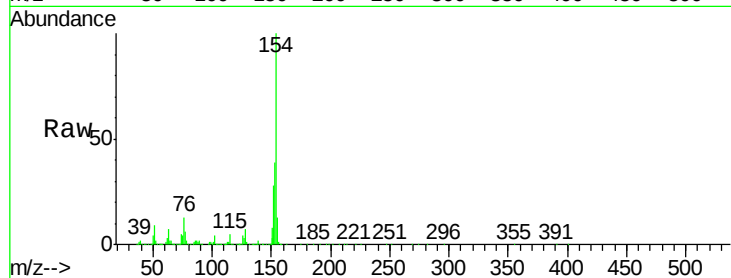
#45
1,1'-Biphenyl
Concen: 47.54 ng
RT: 13.71 min Scan# 1851
Delta R.T. -0.02 min
Lab File: BG024740.D
Acq: 7 Nov 2016 22:20

Instrument :
BNA_G
ClientSampleId :
GW-112-11.3-23.0MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	39.0	23.0	63.0
76	12.8	0.0	33.5

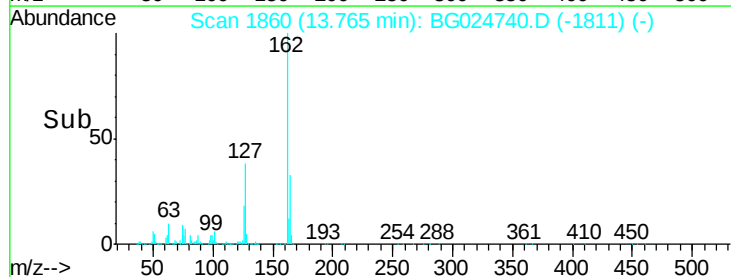
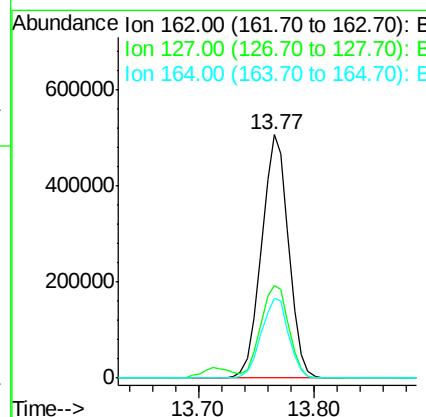
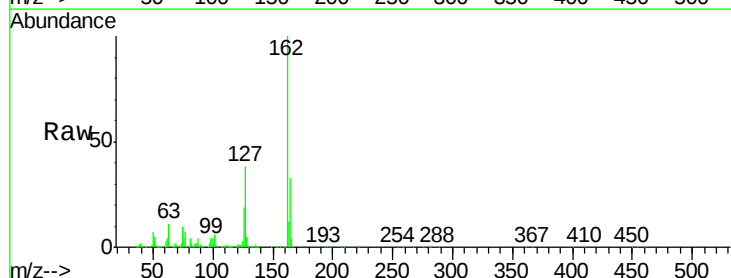
Manual Integrations
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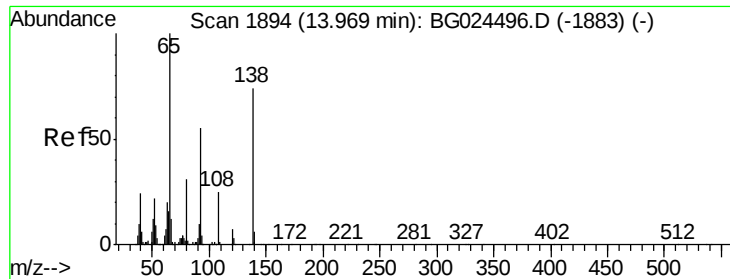
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#46
2-Chloronaphthalene
Concen: 49.59 ng
RT: 13.77 min Scan# 1860
Delta R.T. -0.01 min
Lab File: BG024740.D
Acq: 7 Nov 2016 22:20

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.1	32.2	48.4
164	32.8	27.3	40.9





#47

2-Nitroaniline

Concen: 48.86 ng

RT: 13.97 min Scan# 1894

Delta R.T. -0.00 min

Lab File: BG024740.D

Acq: 7 Nov 2016 22:20

Instrument :

BNA_G

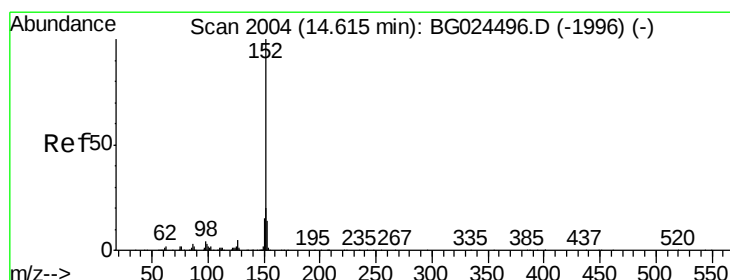
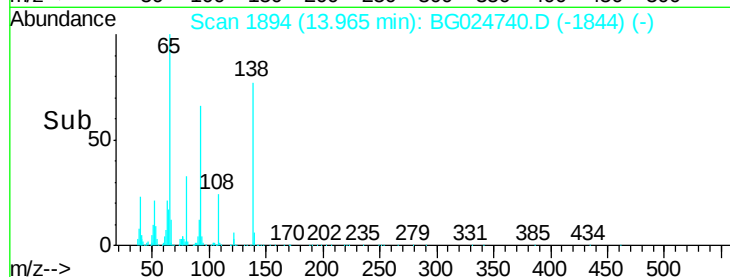
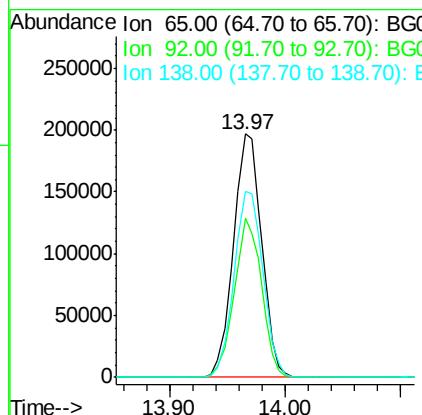
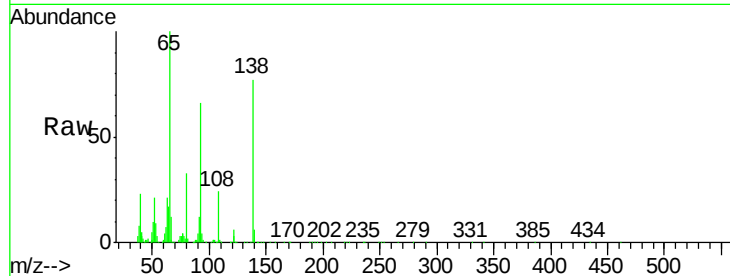
ClientSampleId :

GW-112-11.3-23.0MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	65.6	49.0	73.4
138	76.6	58.6	87.8

Manual Integrations
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#48

Acenaphthylene

Concen: 48.64 ng

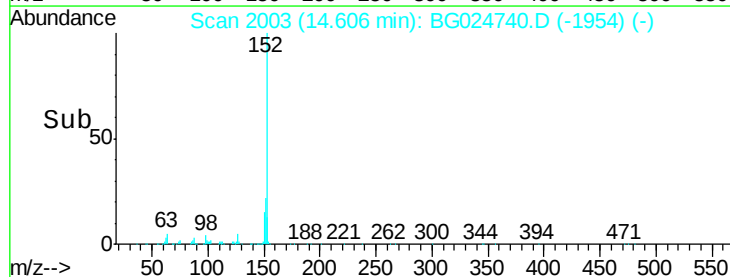
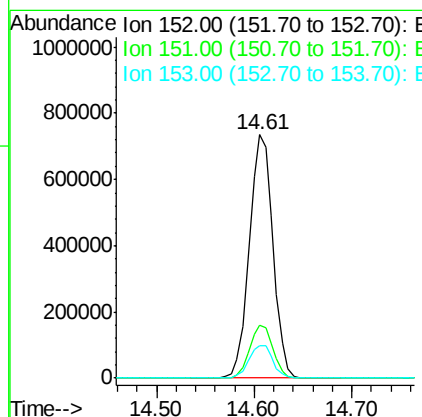
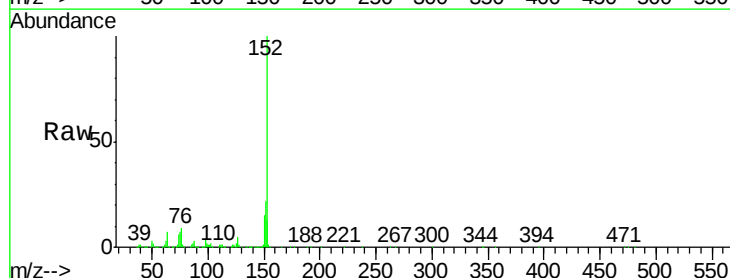
RT: 14.61 min Scan# 2003

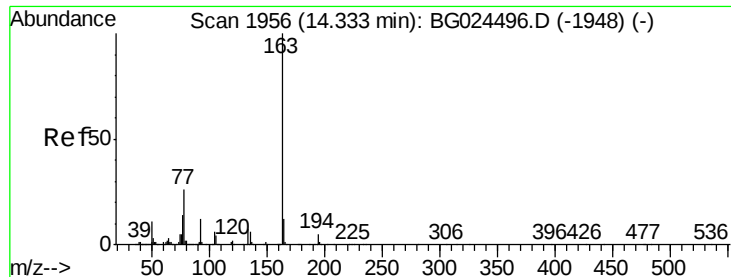
Delta R.T. -0.01 min

Lab File: BG024740.D

Acq: 7 Nov 2016 22:20

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.6	18.2	27.2
153	13.1	11.3	16.9





#49

Dimethylphthalate

Concen: 52.23 ng

RT: 14.32 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BG024740.D

Acq: 7 Nov 2016 22:20

Instrument :

BNA_G

ClientSampleId :

GW-112-11.3-23.0MSD

Tot Ion:163 Resp: 1166609

Ion Ratio Lower Upper

163 100

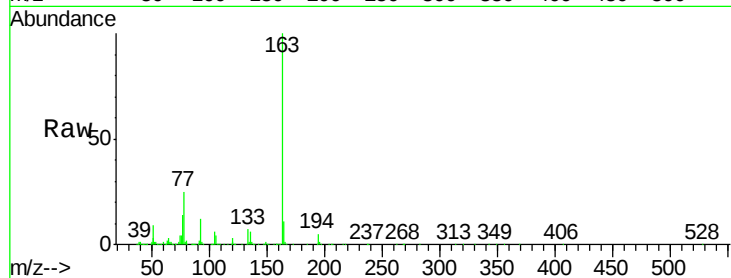
194 4.8 3.8 5.6

164 11.4 9.3 13.9

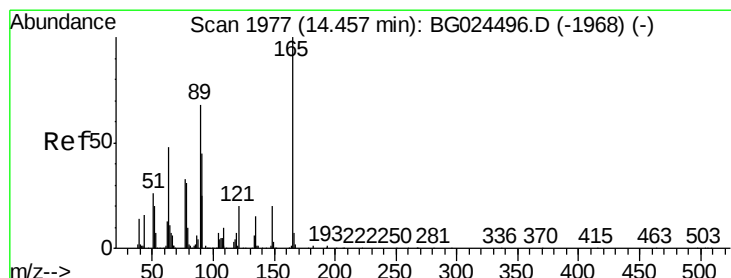
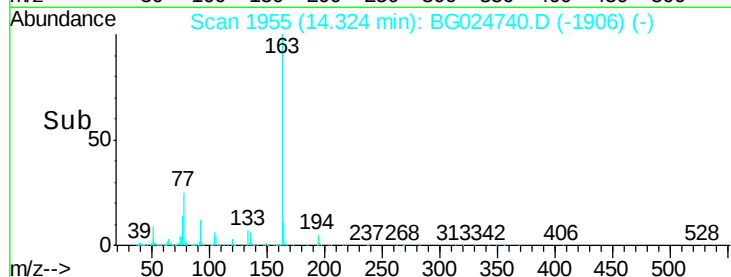
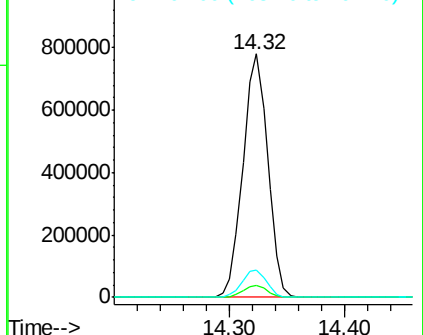
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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 53.38 ng

RT: 14.45 min Scan# 1977

Delta R.T. -0.00 min

Lab File: BG024740.D

Acq: 7 Nov 2016 22:20

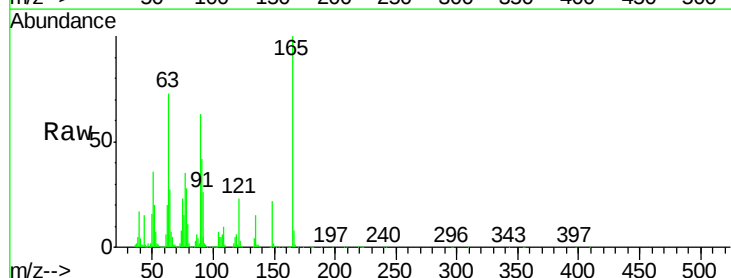
Tgt Ion:165 Resp: 254551

Ion Ratio Lower Upper

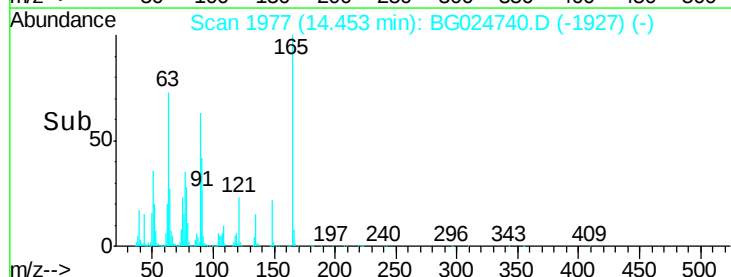
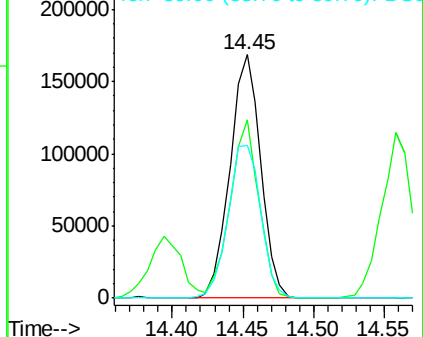
165 100

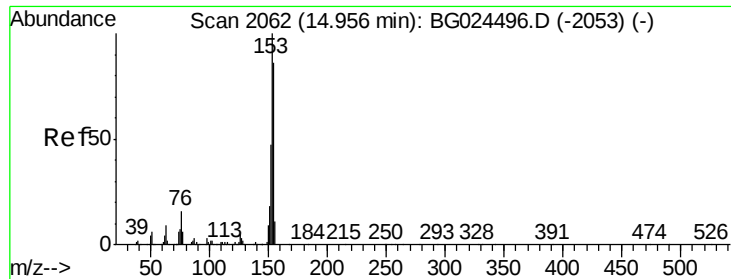
63 73.4 63.9 95.9

89 62.6 58.6 88.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 43.17 ng

RT: 14.95 min Scan# 2061

Delta R.T. -0.01 min

Lab File: BG024740.D

Acq: 7 Nov 2016 22:20

Instrument :

BNA_G

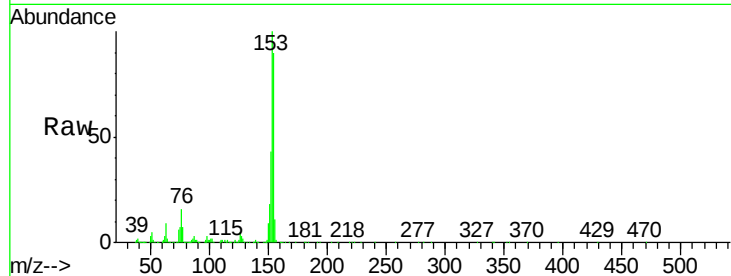
ClientSampleId :

GW-112-11.3-23.0MSD

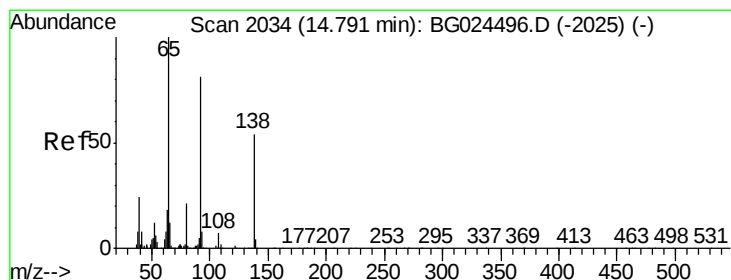
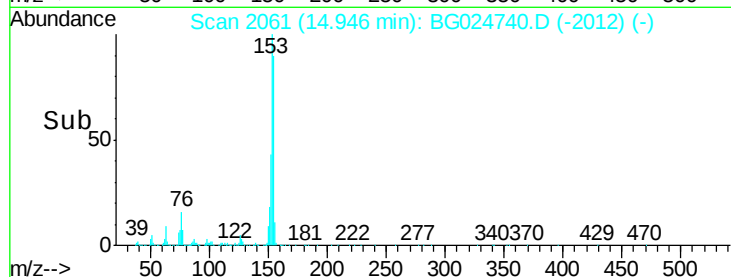
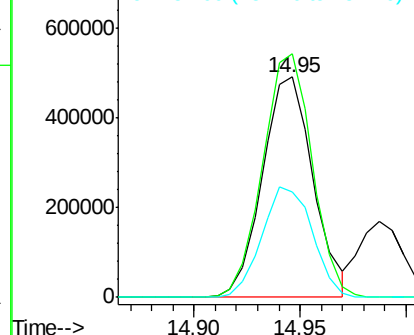
Tot Ion:	154	Resp:	820616
Ion Ratio	Lower	Upper	
154	100		
153	110.6	87.8	131.6
152	48.0	42.2	63.4

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 18.62 ng

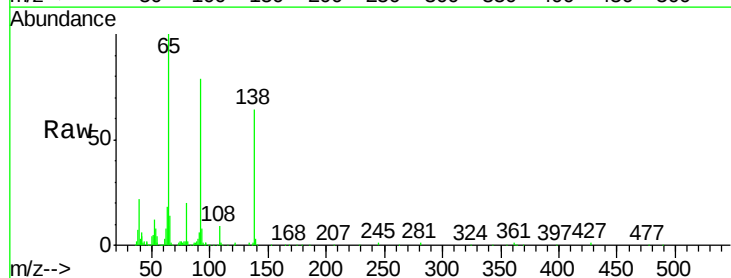
RT: 14.79 min Scan# 2034

Delta R.T. -0.00 min

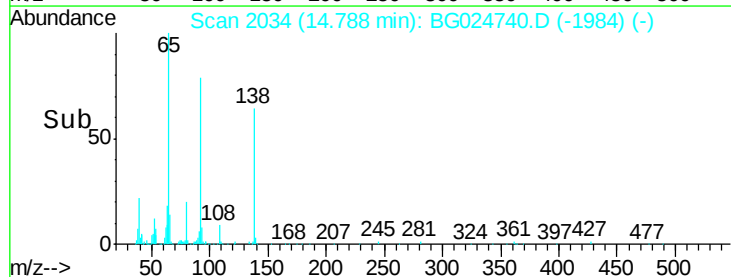
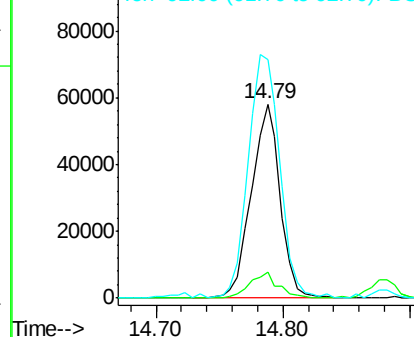
Lab File: BG024740.D

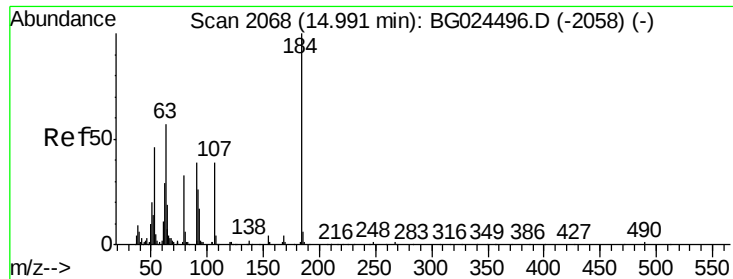
Acq: 7 Nov 2016 22:20

Tgt Ion:	138	Resp:	91901
Ion Ratio	Lower	Upper	
138	100		
108	13.5	10.9	16.3
92	123.2	115.3	172.9



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





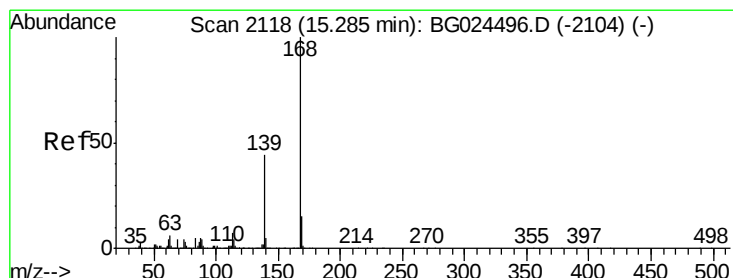
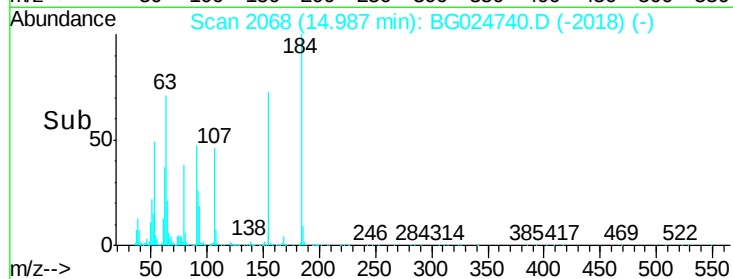
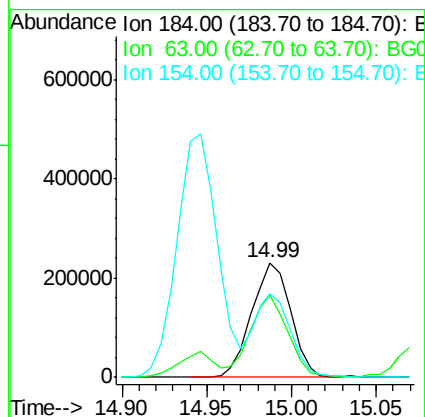
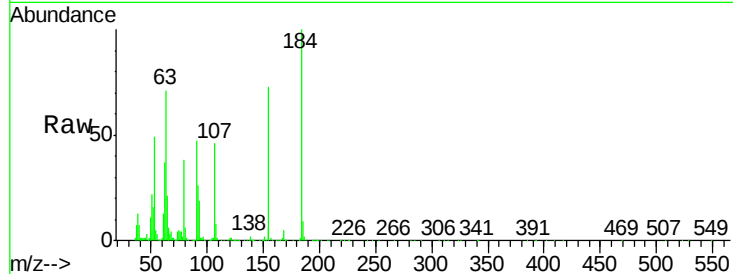
#53
2,4-Dinitrophenol
Concen: 107.76 ng
RT: 14.99 min Scan# 2068
Delta R.T. -0.00 min
Lab File: BG024740.D
Acq: 7 Nov 2016 22:20

Instrument :
BNA_G
ClientSampleId :
GW-112-11.3-23.0MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	71.4	52.7	79.1
154	72.8	57.3	85.9

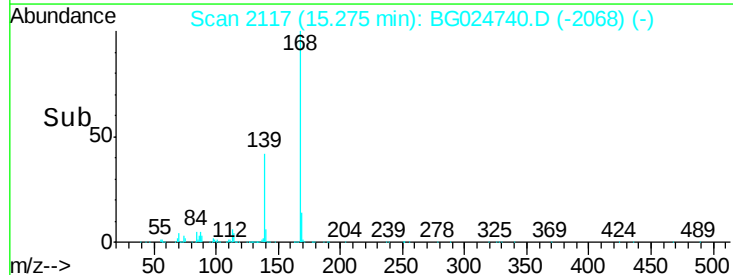
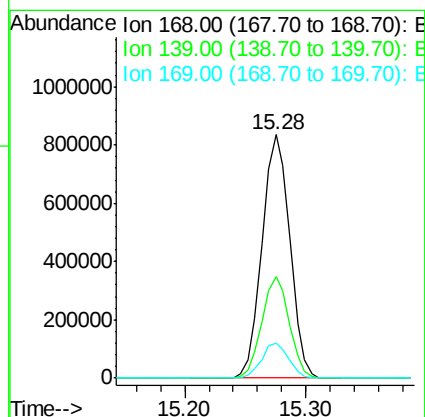
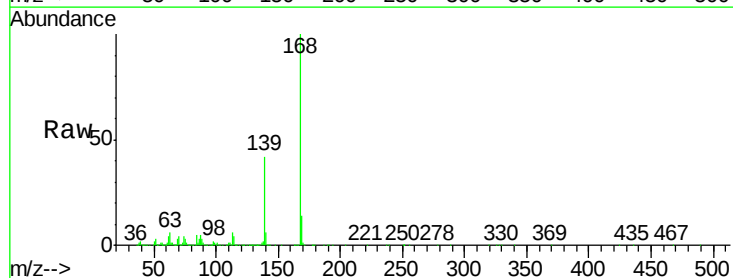
Manual Integrations
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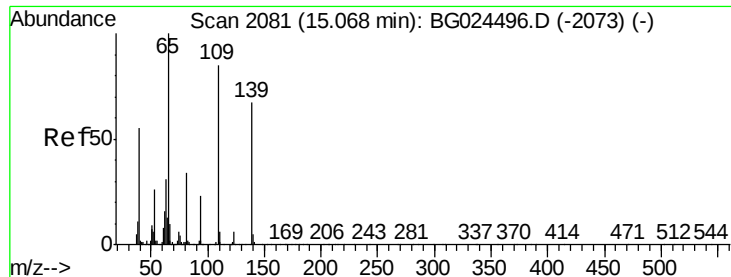
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#54
Dibenzofuran
Concen: 50.46 ng
RT: 15.28 min Scan# 2117
Delta R.T. -0.01 min
Lab File: BG024740.D
Acq: 7 Nov 2016 22:20

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.9	35.3	52.9
169	14.2	11.5	17.3





#55

4-Nitrophenol

Concen: 62.63 ng

RT: 15.08 min Scan# 2083

Delta R.T. 0.01 min

Lab File: BG024740.D

Acq: 7 Nov 2016 22:20

Instrument :

BNA_G

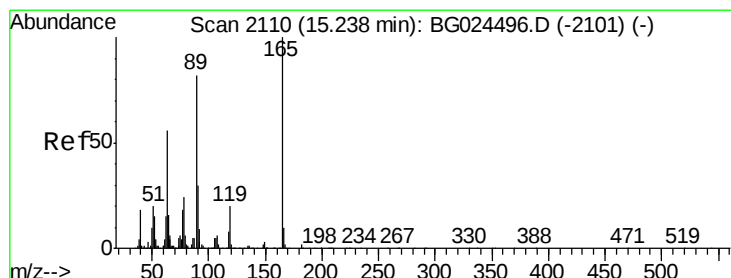
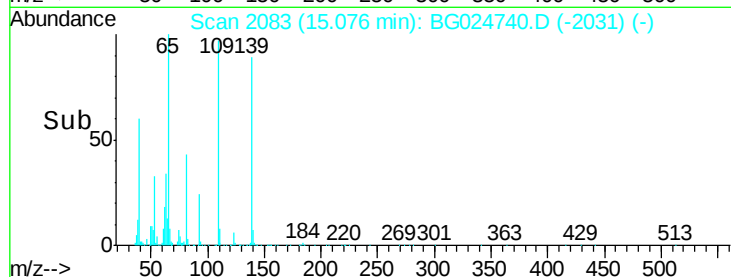
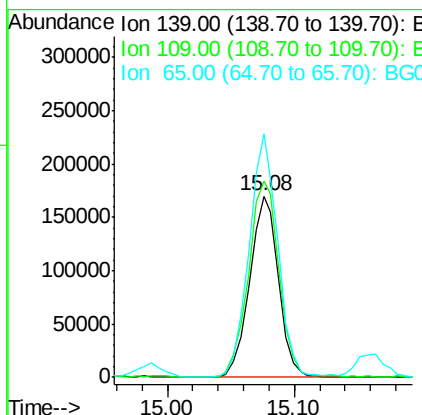
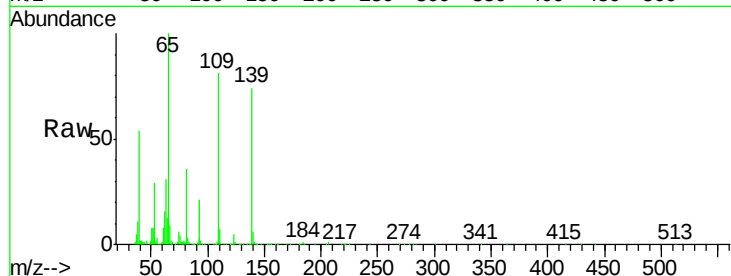
ClientSampleId :

GW-112-11.3-23.0MSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	108.5	101.2	141.2
65	134.3	135.3	175.3

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#56

2,4-Dinitrotoluene

Concen: 55.42 ng

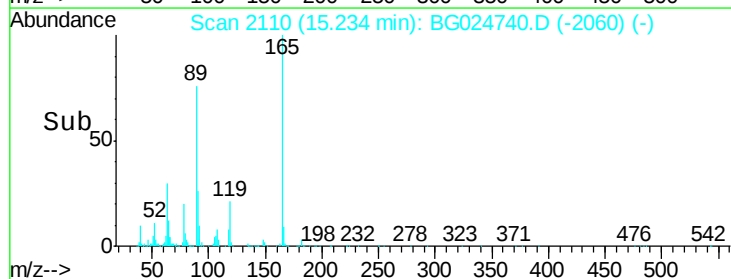
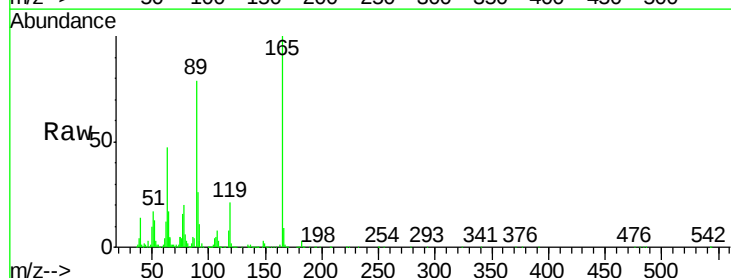
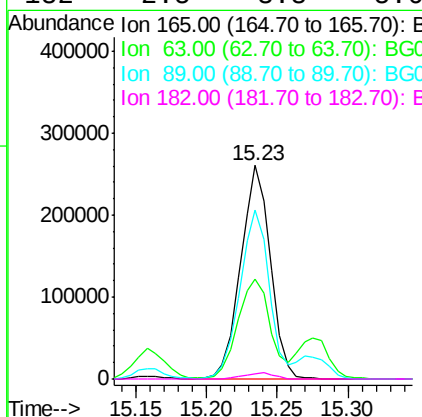
RT: 15.23 min Scan# 2110

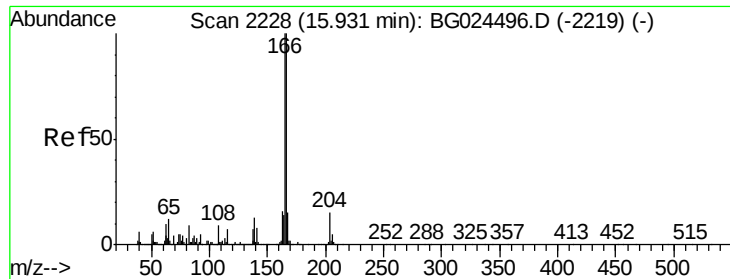
Delta R.T. -0.00 min

Lab File: BG024740.D

Acq: 7 Nov 2016 22:20

Tgt Ion	Ratio	Lower	Upper
165	100		
63	46.6	44.0	66.0
89	79.2	67.3	100.9
182	2.5	3.8	5.6





#57

Fluorene

Concen: 49.67 ng

RT: 15.92 min Scan# 2227

Delta R.T. -0.01 min

Lab File: BG024740.D

Acq: 7 Nov 2016 22:20

Instrument :

BNA_G

ClientSampleId :

GW-112-11.3-23.0MSD

Tot Ion:166 Resp: 1082388

Ion Ratio Lower Upper

166 100

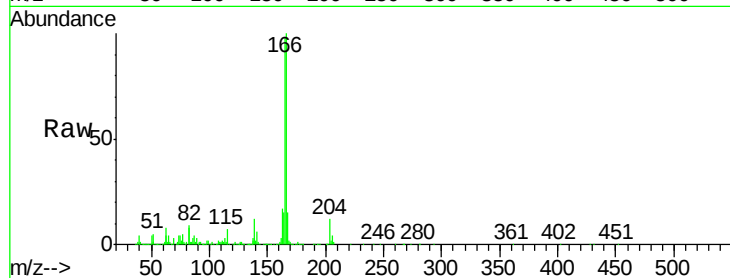
165 98.2 78.6 117.8

167 14.6 11.6 17.4

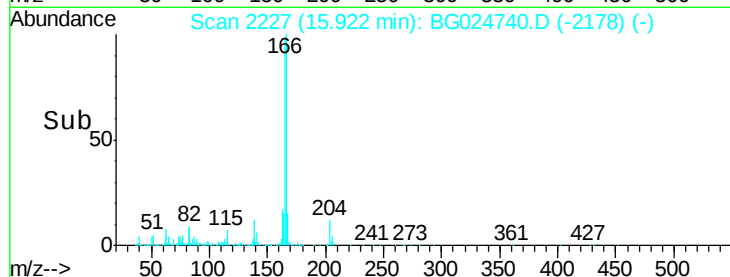
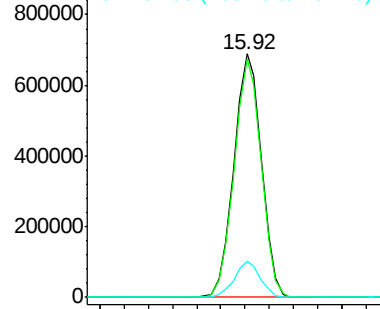
Manual Integrations
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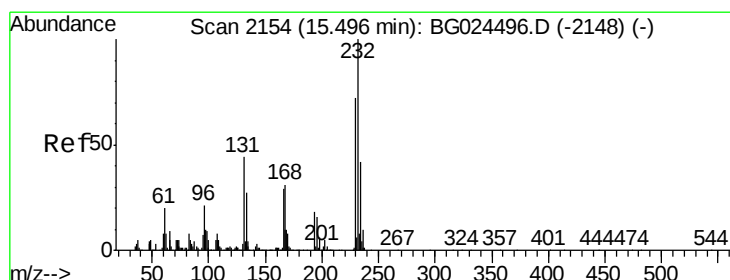
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



Time-->



#58

2,3,4,6-Tetrachlorophenol

Concen: 54.48 ng

RT: 15.49 min Scan# 2154

Delta R.T. -0.00 min

Lab File: BG024740.D

Acq: 7 Nov 2016 22:20

Tgt Ion:232 Resp: 389509

Ion Ratio Lower Upper

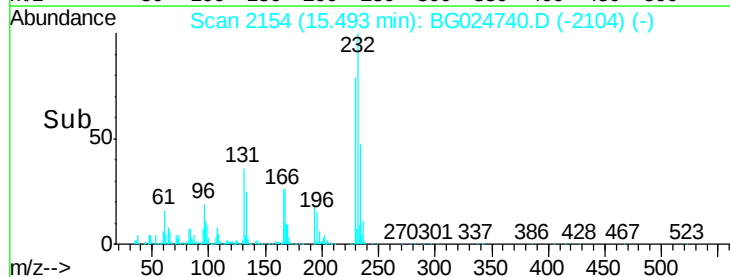
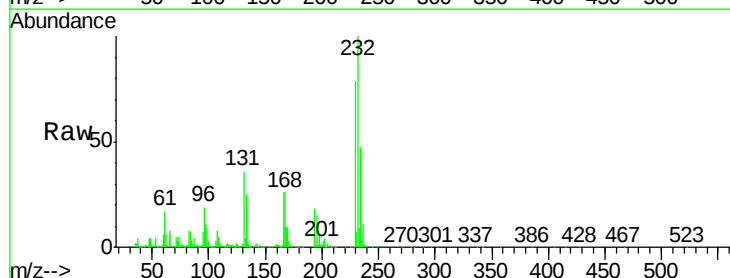
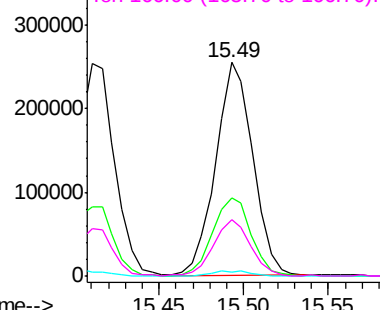
232 100

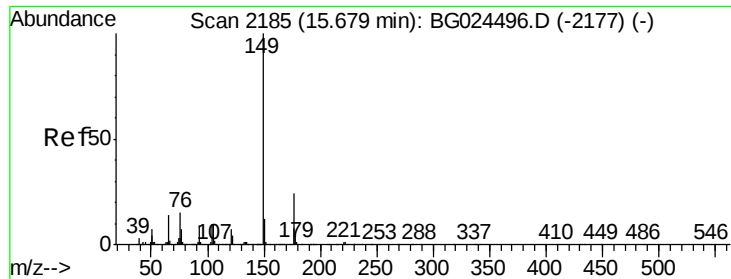
131 38.1 34.9 52.3

130 2.5 2.3 3.5

166 26.6 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





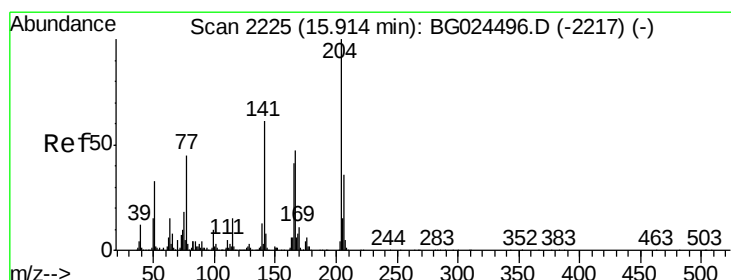
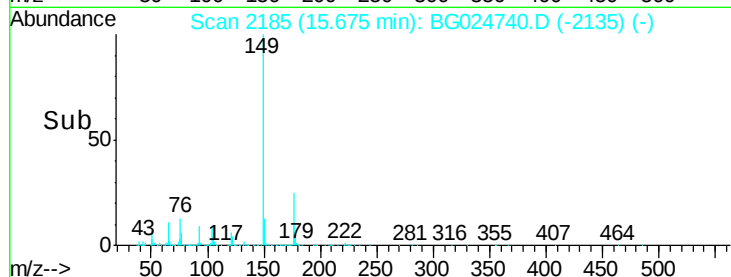
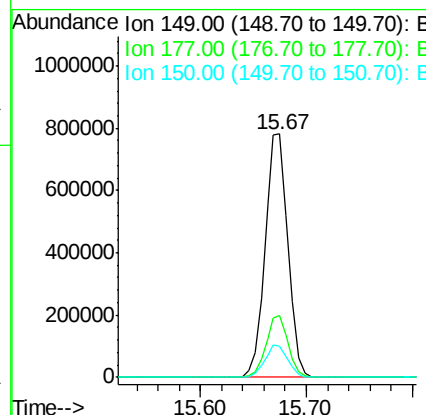
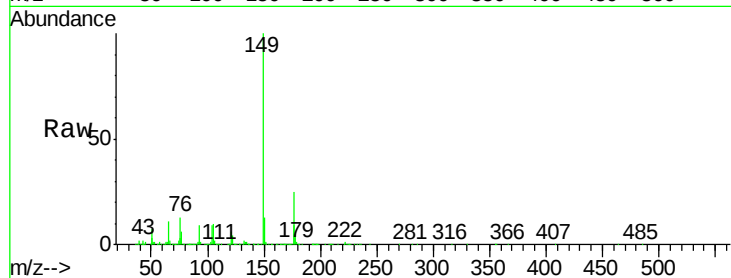
#59
Diethylphthalate
Concen: 49.95 ng
RT: 15.67 min Scan# 2185
Delta R.T. -0.00 min
Lab File: BG024740.D
Acq: 7 Nov 2016 22:20

Instrument :
BNA_G
ClientSampleId :
GW-112-11.3-23.0MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	25.4	20.1	30.1
150	12.7	10.2	15.2

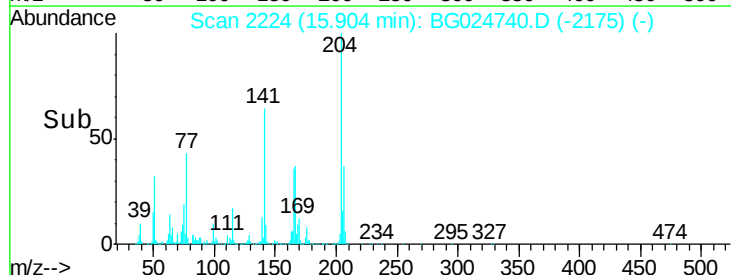
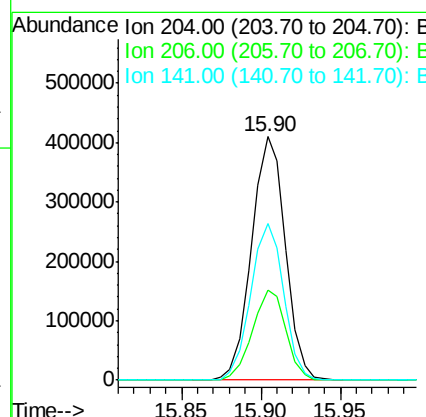
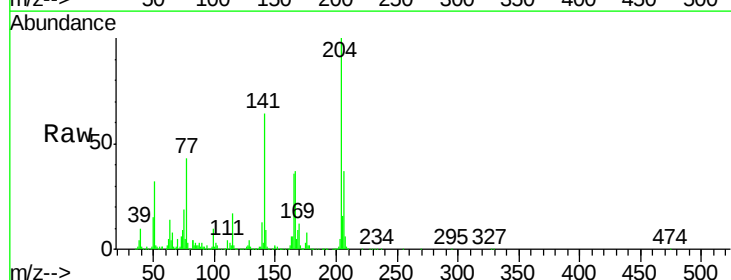
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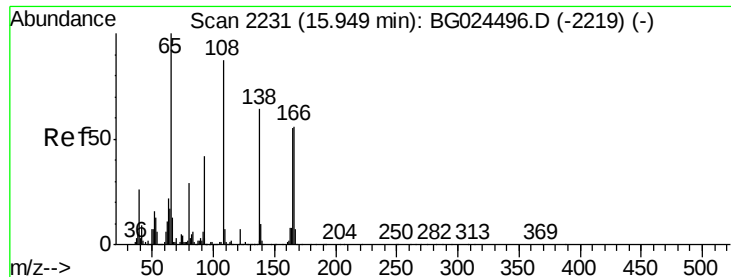
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#60
4-Chlorophenyl-phenylether
Concen: 49.65 ng
RT: 15.90 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BG024740.D
Acq: 7 Nov 2016 22:20

Tgt Ion	Ratio	Lower	Upper
204	100		
206	36.8	30.1	45.1
141	64.5	50.6	76.0





#61

4-Nitroaniline

Concen: 43.74 ng

RT: 15.95 min Scan# 2231

Delta R.T. -0.00 min

Lab File: BG024740.D

Acq: 7 Nov 2016 22:20

Instrument :

BNA_G

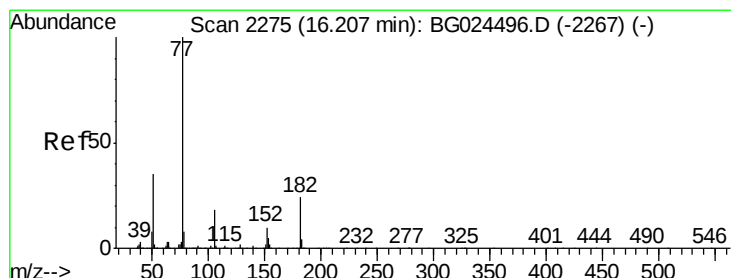
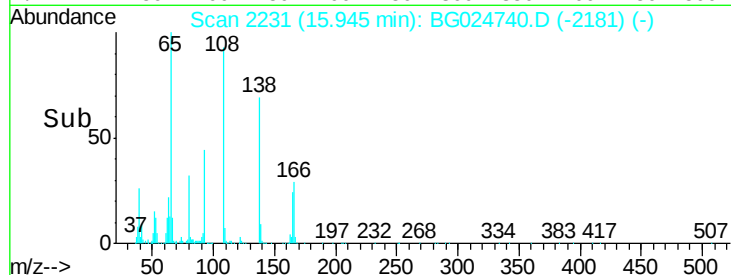
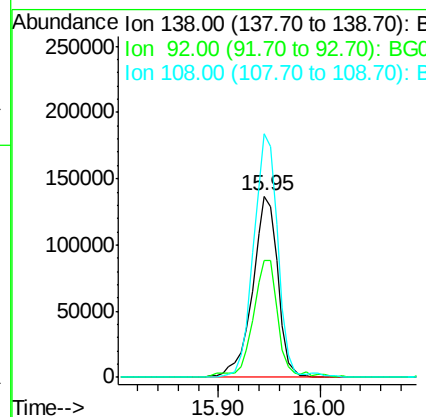
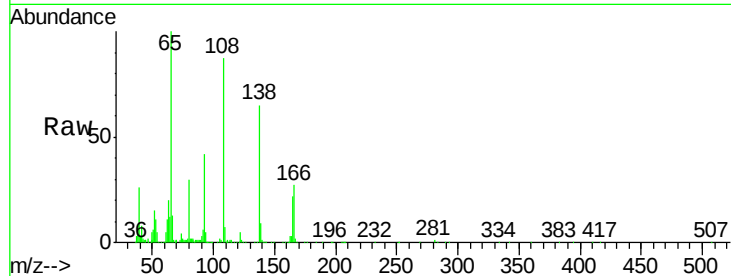
ClientSampleId :

GW-112-11.3-23.0MSD

Tot Ion:	138	Resp:	235767
Ion Ratio	Lower	Upper	
138	100		
92	64.4	44.2	84.2
108	134.1	104.8	144.8

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#62

Azobenzene

Concen: 49.67 ng

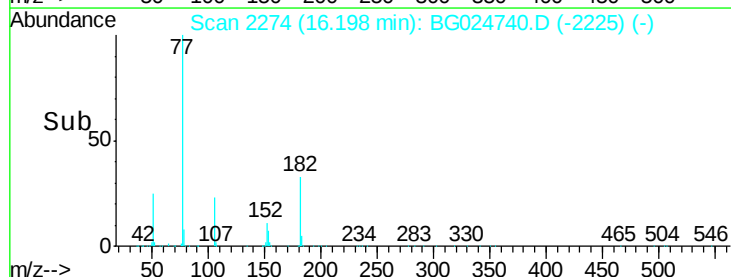
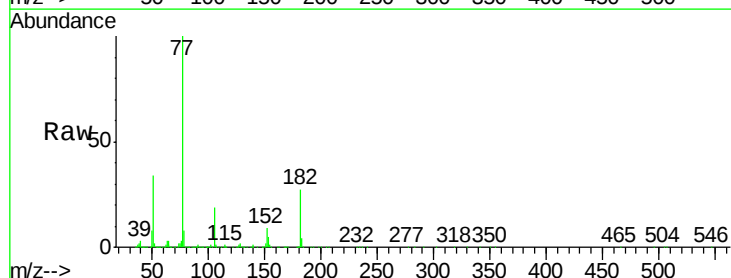
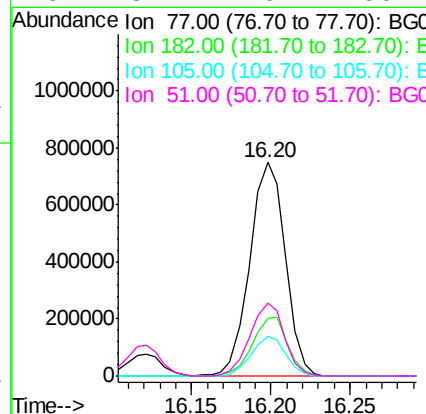
RT: 16.20 min Scan# 2274

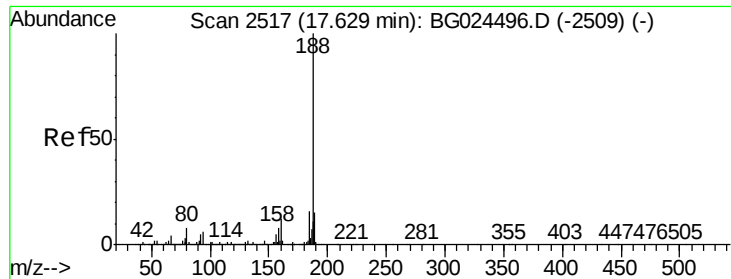
Delta R.T. -0.01 min

Lab File: BG024740.D

Acq: 7 Nov 2016 22:20

Tgt Ion:	77	Resp:	1160083
Ion Ratio	Lower	Upper	
77	100		
182	26.8	4.7	44.7
105	18.6	0.0	36.3
51	34.2	16.4	56.4





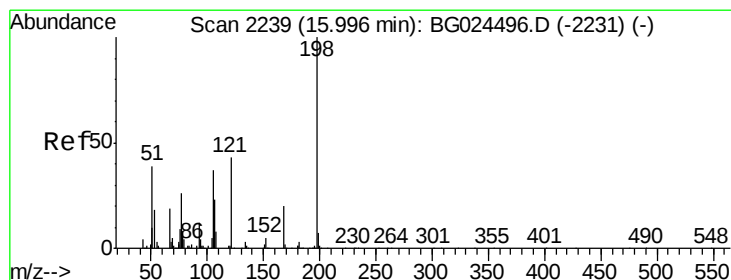
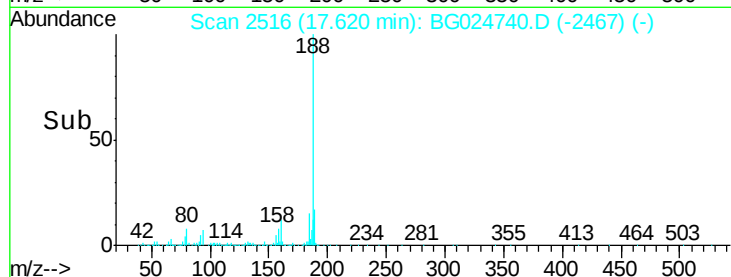
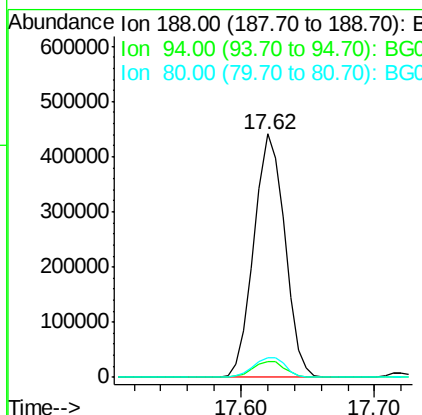
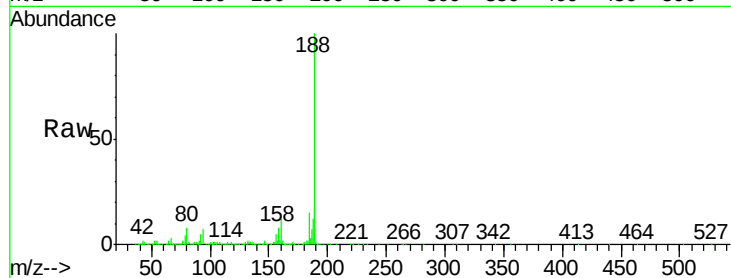
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.62 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BG024740.D
Acq: 7 Nov 2016 22:20

Instrument :
BNA_G
ClientSampleId :
GW-112-11.3-23.0MSD

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	6.6	5.8	8.8
80	8.1	7.5	11.3

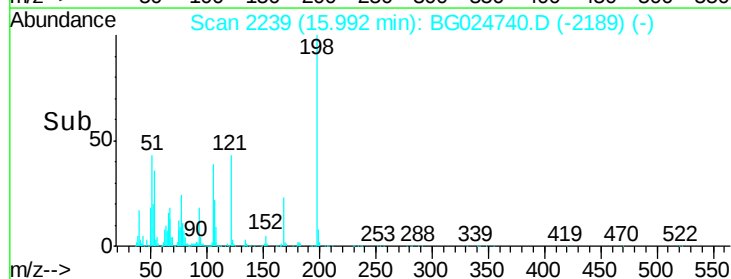
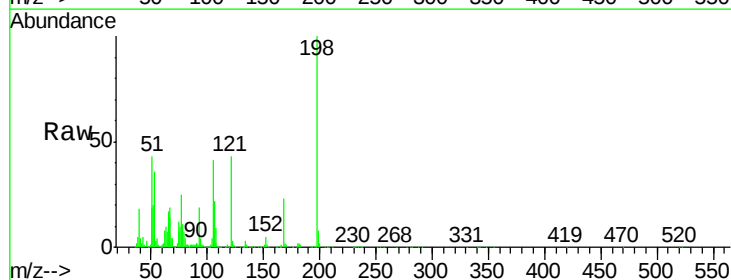
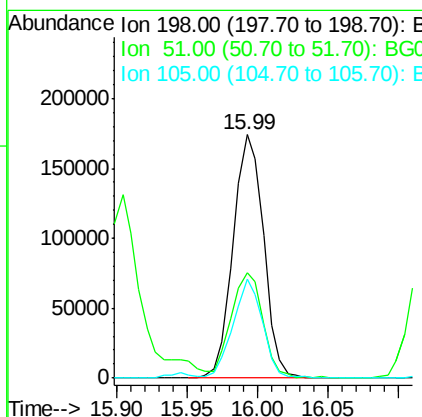
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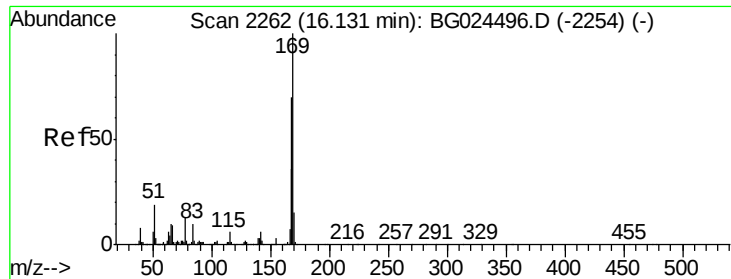
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#64
4,6-Dinitro-2-methylphenol
Concen: 53.96 ng
RT: 15.99 min Scan# 2239
Delta R.T. -0.00 min
Lab File: BG024740.D
Acq: 7 Nov 2016 22:20

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	43.1	22.6	62.6
105	40.5	14.4	54.4





#65

n-Nitrosodiphenylamine

Concen: 49.79 ng

RT: 16.12 min Scan# 2261

Delta R.T. -0.01 min

Lab File: BG024740.D

Acq: 7 Nov 2016 22:20

Instrument :

BNA_G

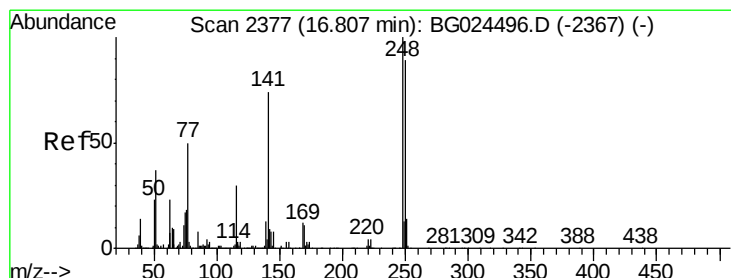
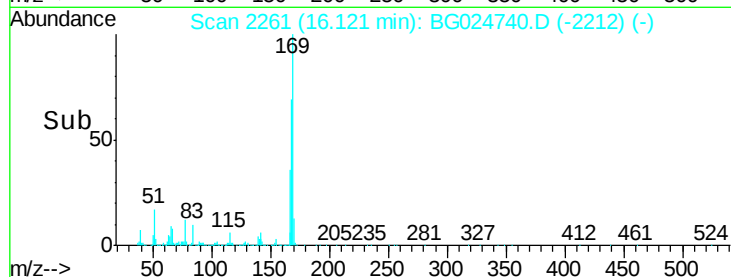
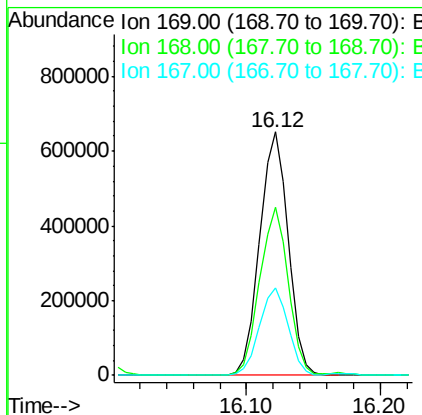
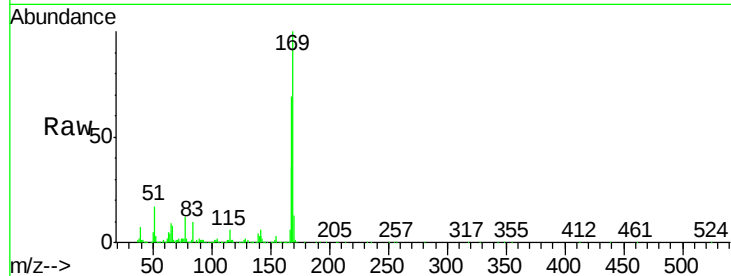
ClientSampleId :

GW-112-11.3-23.0MSD

Tot Ion:	169	Resp:	959187
Ion Ratio	Lower	Upper	
169	100		
168	69.1	55.7	83.5
167	35.9	29.8	44.6

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#66

4-Bromophenyl-phenylether

Concen: 52.07 ng

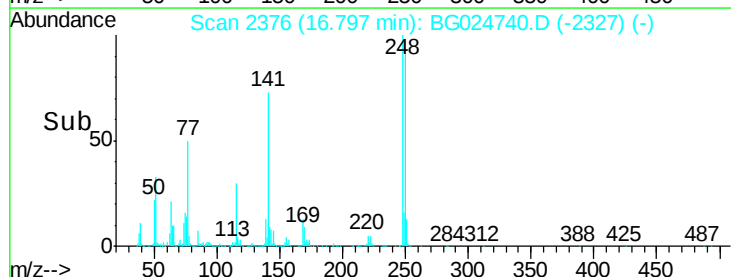
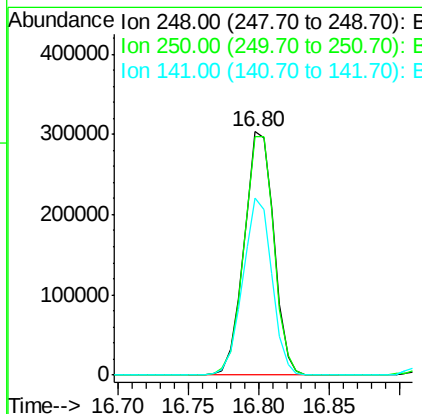
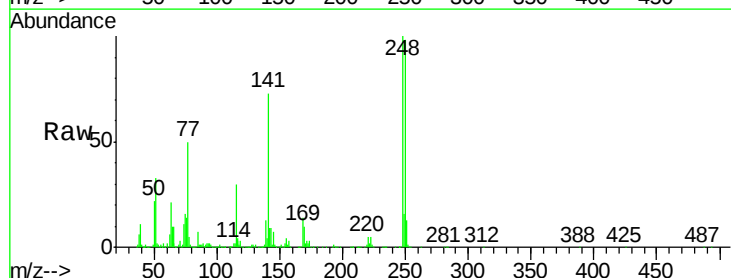
RT: 16.80 min Scan# 2376

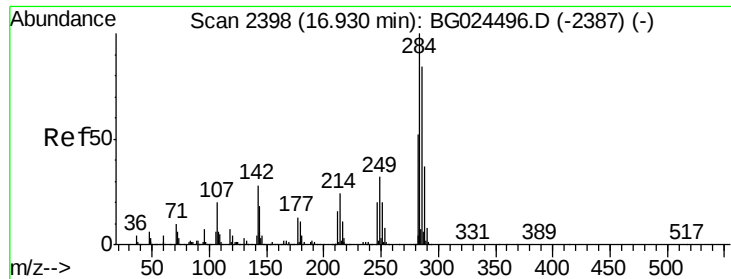
Delta R.T. -0.01 min

Lab File: BG024740.D

Acq: 7 Nov 2016 22:20

Tgt Ion:	248	Resp:	445426
Ion Ratio	Lower	Upper	
248	100		
250	98.1	75.0	112.6
141	72.6	55.2	82.8





#67

Hexachlorobenzene

Concen: 54.43 ng

RT: 16.92 min Scan# 2397

Delta R.T. -0.01 min

Lab File: BG024740.D

Acq: 7 Nov 2016 22:20

Instrument :

BNA_G

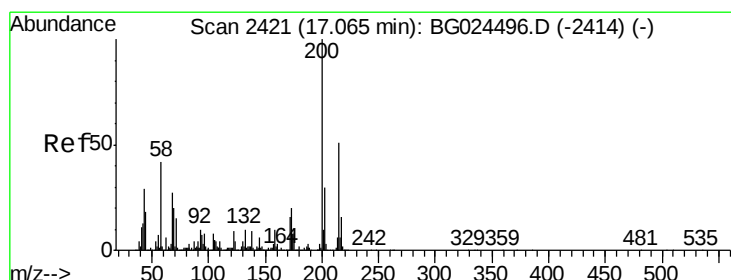
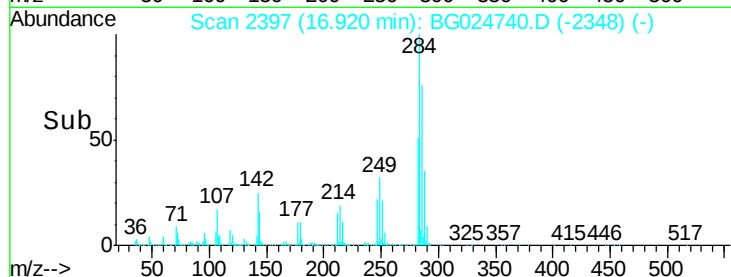
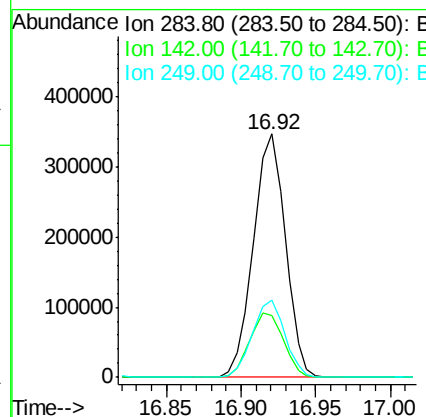
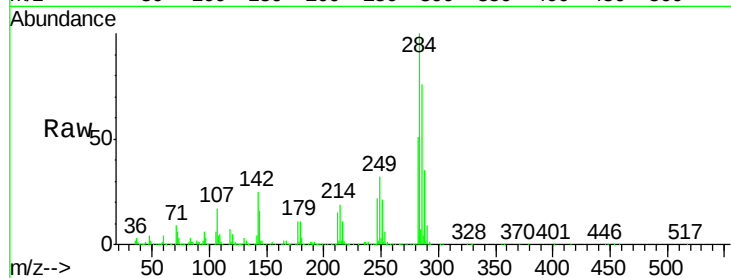
ClientSampleId :

GW-112-11.3-23.0MSD

Tot Ion	Ratio	Lower	Upper
284	100		
142	25.5	29.9	44.9#
249	31.8	29.2	43.8

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#68

Atrazine

Concen: 56.71 ng

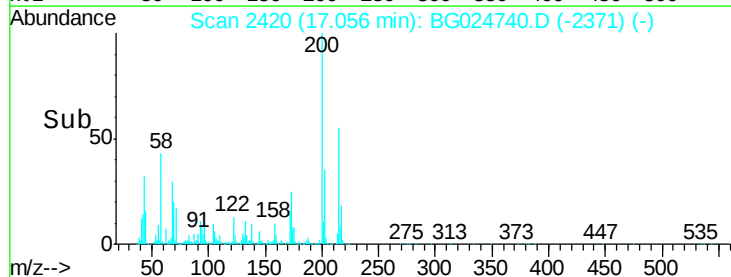
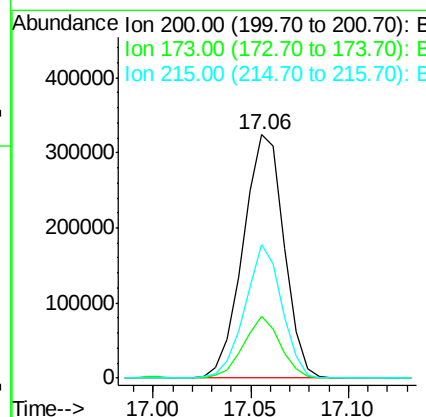
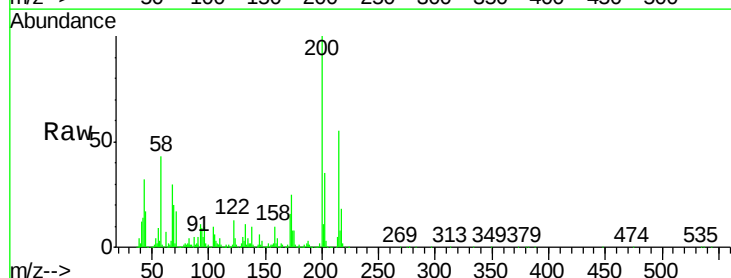
RT: 17.06 min Scan# 2420

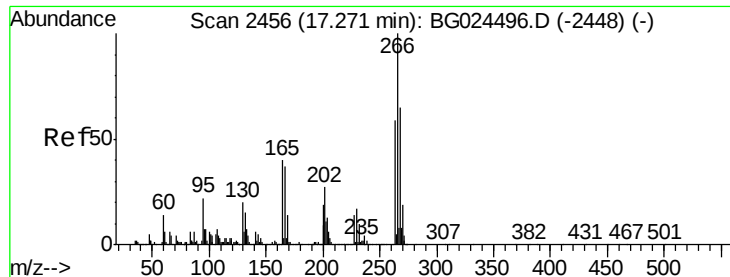
Delta R.T. -0.01 min

Lab File: BG024740.D

Acq: 7 Nov 2016 22:20

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.2	3.0	43.0
215	55.1	28.4	68.4





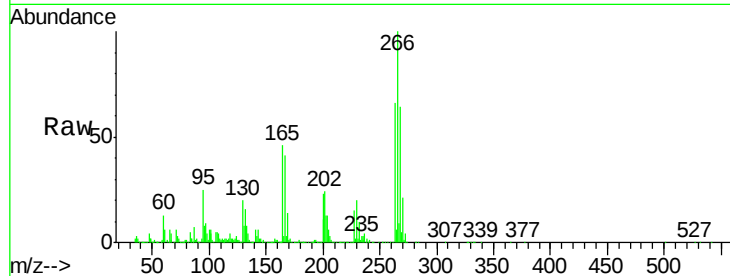
#69
 Pentachlorophenol
 Concen: 107.44 ng
 RT: 17.26 min Scan# 2455
 Delta R.T. -0.01 min
 Lab File: BG024740.D
 Acq: 7 Nov 2016 22:20

Instrument :
 BNA_G
 ClientSampleId :
 GW-112-11.3-23.0MSD

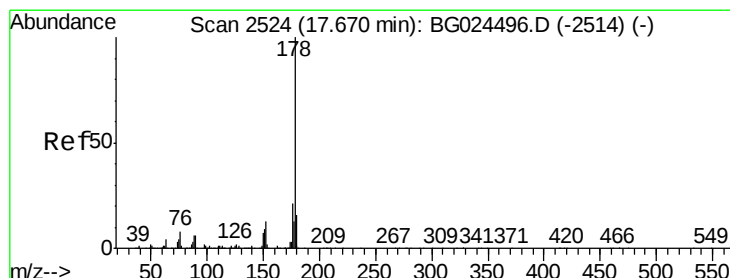
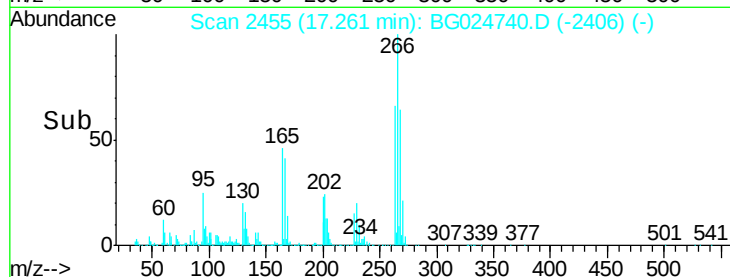
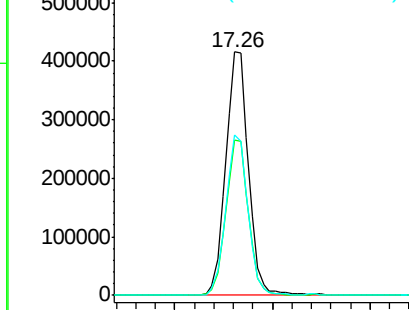
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.9	48.6	72.8
264	66.0	50.1	75.1

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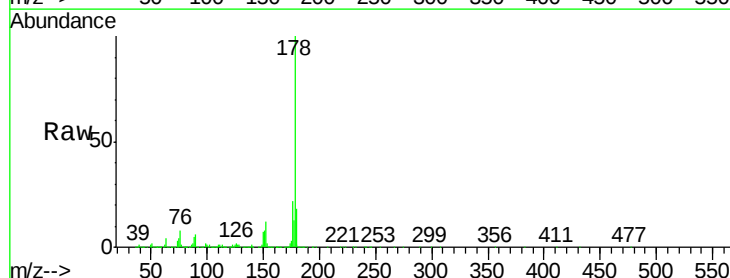


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

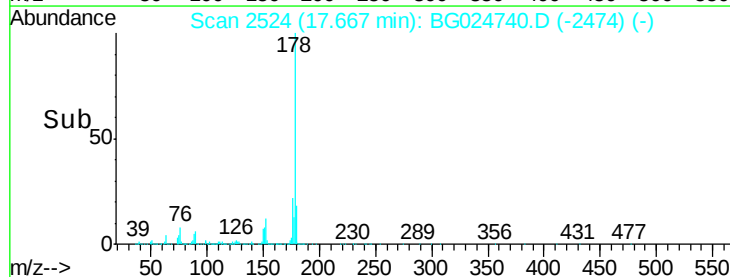
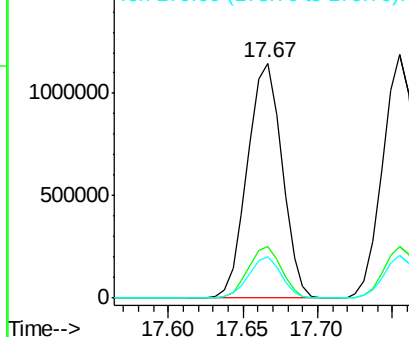


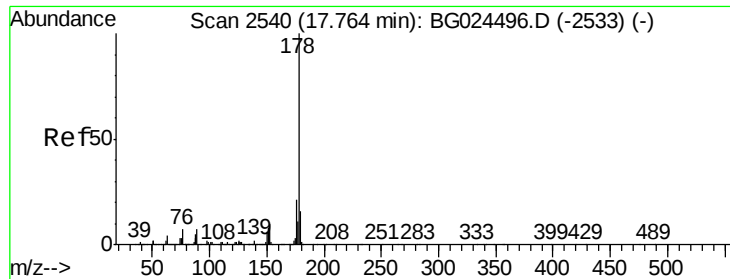
#70
 Phenanthrene
 Concen: 51.48 ng
 RT: 17.67 min Scan# 2524
 Delta R.T. -0.00 min
 Lab File: BG024740.D
 Acq: 7 Nov 2016 22:20

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.8	17.7	26.5
179	17.8	15.0	22.6



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





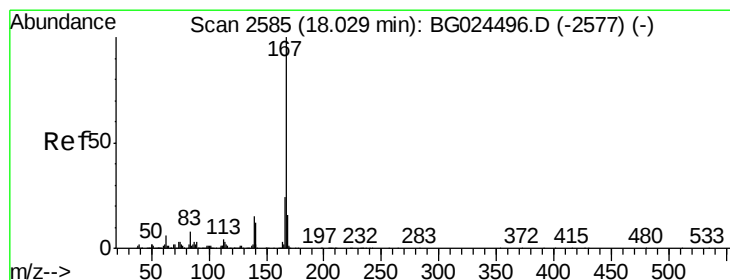
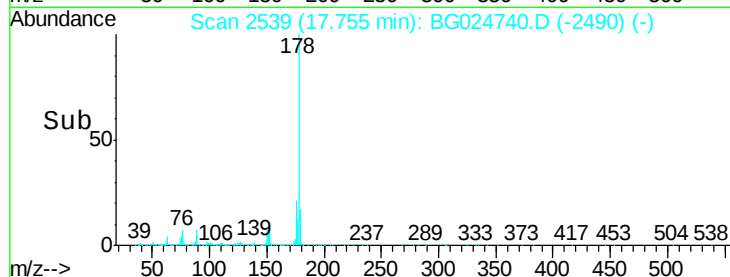
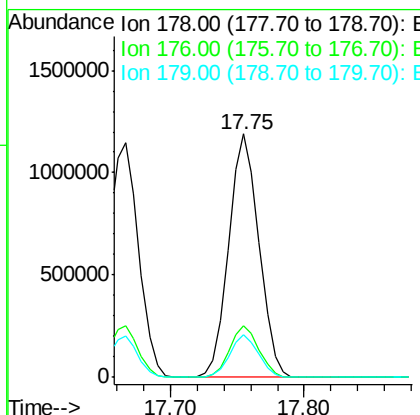
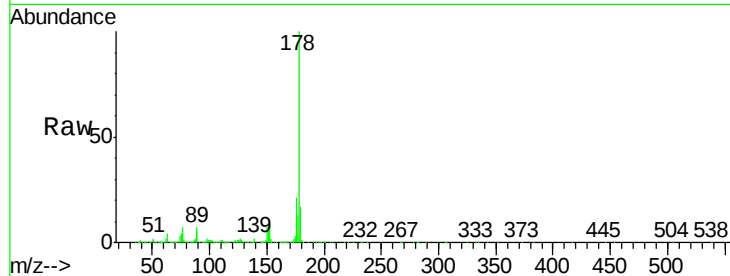
#71
 Anthracene
 Concen: 51.80 ng
 RT: 17.75 min Scan# 2539
 Delta R.T. -0.01 min
 Lab File: BG024740.D
 Acq: 7 Nov 2016 22:20

Instrument :
 BNA_G
 ClientSampleId :
 GW-112-11.3-23.0MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.2	16.4	24.6
179	17.4	13.8	20.8

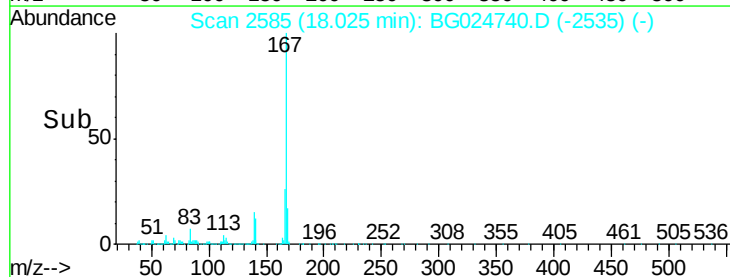
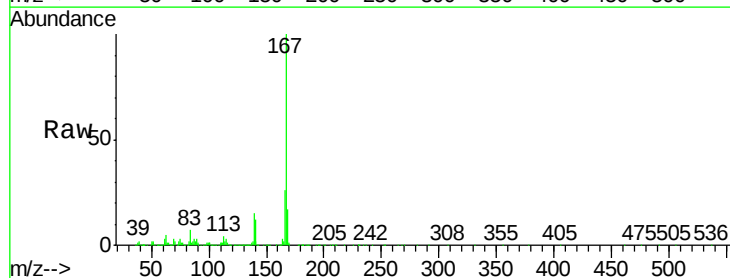
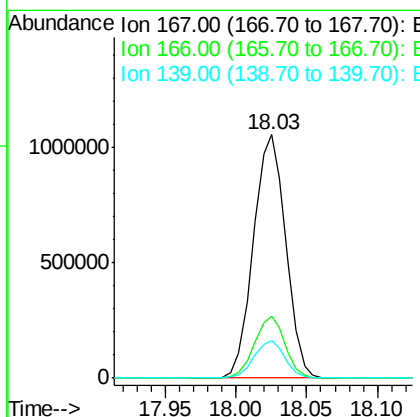
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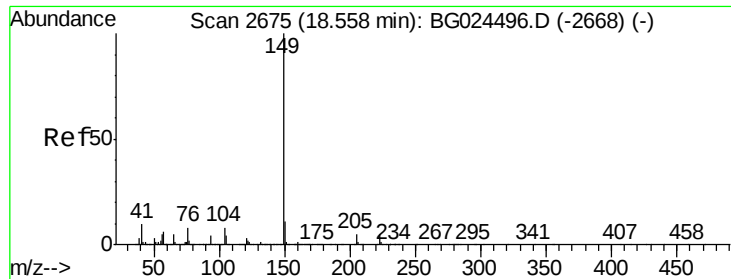
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#72
 Carbazole
 Concen: 51.20 ng
 RT: 18.03 min Scan# 2585
 Delta R.T. -0.00 min
 Lab File: BG024740.D
 Acq: 7 Nov 2016 22:20

Tgt Ion	Ratio	Lower	Upper
167	100		
166	25.6	20.2	30.2
139	15.4	12.8	19.2





#73

Di-n-butylphthalate

Concen: 52.01 ng

RT: 18.55 min Scan# 2674

Delta R.T. -0.01 min

Lab File: BG024740.D

Acq: 7 Nov 2016 22:20

Instrument :

BNA_G

ClientSampleId :

GW-112-11.3-23.0MSD

Tot Ion:149 Resp: 1981732

Ion Ratio Lower Upper

149 100

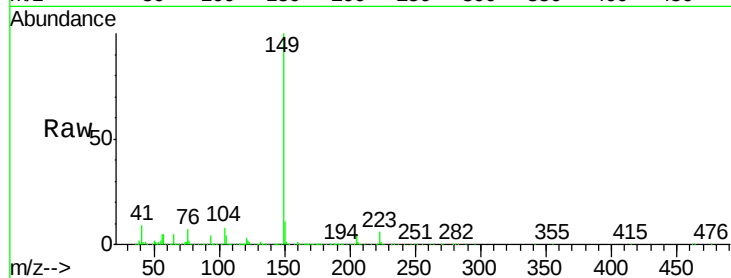
150 10.7 9.1 13.7

104 7.7 6.7 10.1

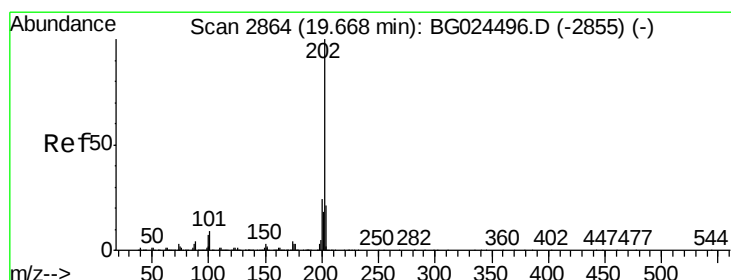
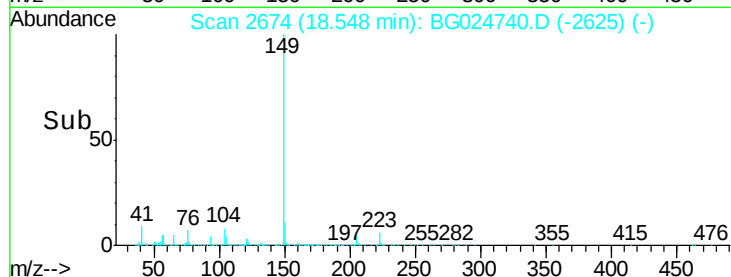
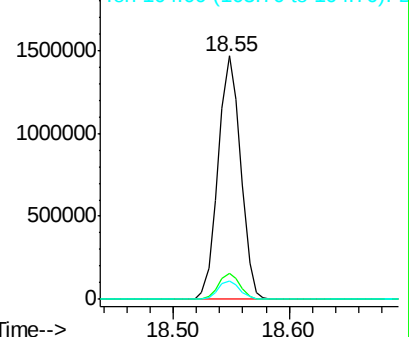
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Abundance Ion 149.00 (148.70 to 149.70): E
2000000
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 52.38 ng

RT: 19.66 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG024740.D

Acq: 7 Nov 2016 22:20

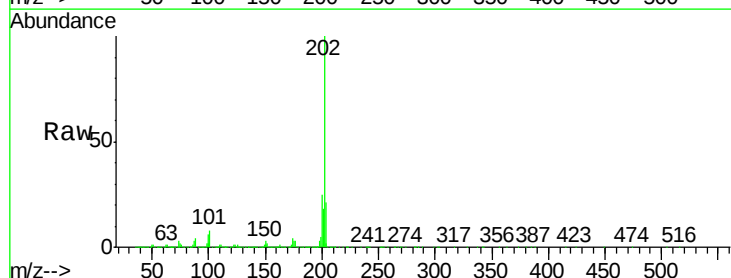
Tgt Ion:202 Resp: 2378443

Ion Ratio Lower Upper

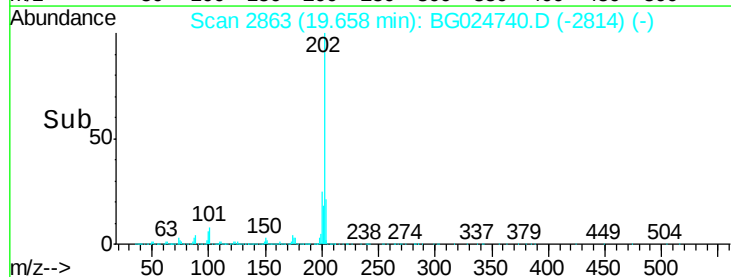
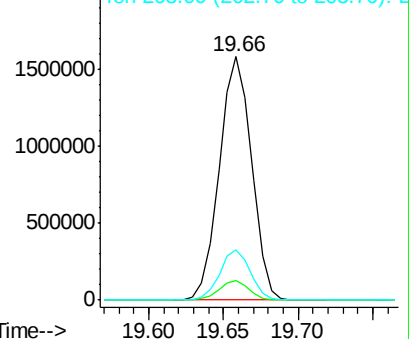
202 100

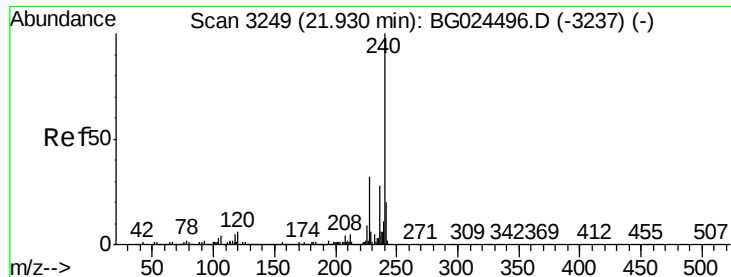
101 8.1 0.0 30.1

203 20.7 1.3 41.3



Abundance Ion 202.00 (201.70 to 202.70): E
2000000
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.92 min Scan# 3248

Delta R.T. -0.01 min

Lab File: BG024740.D

Acq: 7 Nov 2016 22:20

Instrument :

BNA_G

ClientSampleId :

GW-112-11.3-23.0MSD

Tot Ion:240 Resp: 1004130

Ion Ratio Lower Upper

240 100

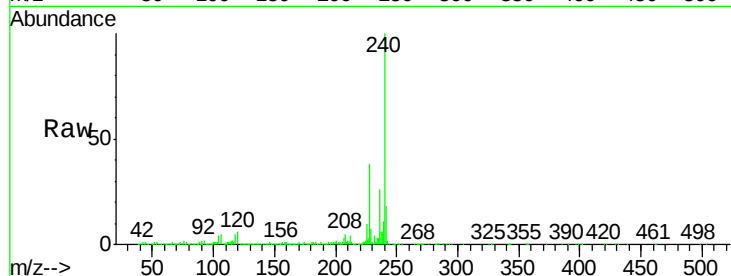
120 5.7 5.7 8.5

236 26.2 22.2 33.4

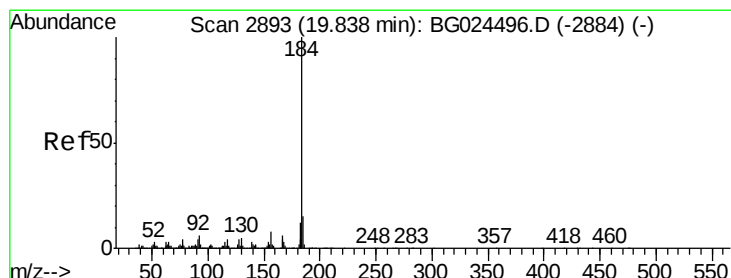
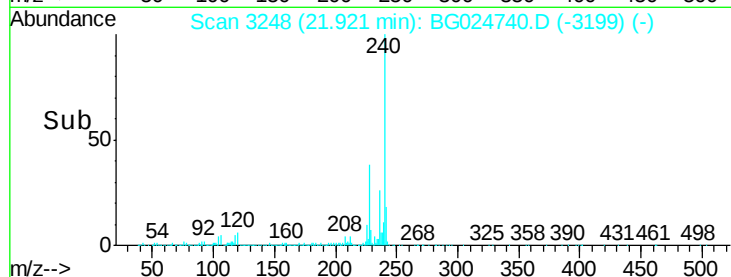
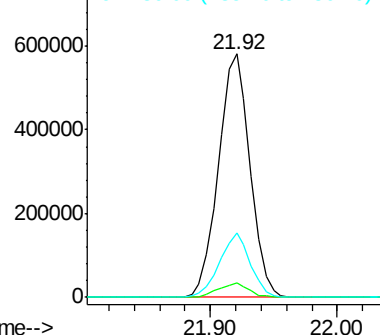
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Abundance Ion 240.00 (239.70 to 240.70): E
800000
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 23.77 ng

RT: 19.83 min Scan# 2892

Delta R.T. -0.01 min

Lab File: BG024740.D

Acq: 7 Nov 2016 22:20

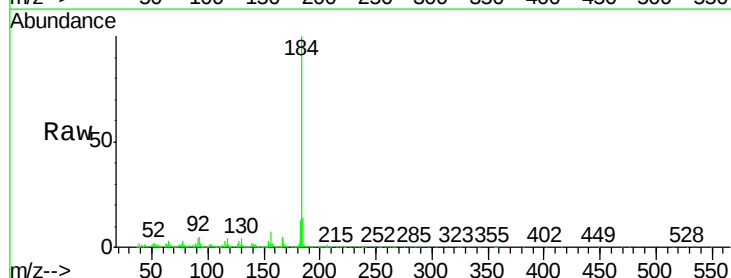
Tgt Ion:184 Resp: 562470

Ion Ratio Lower Upper

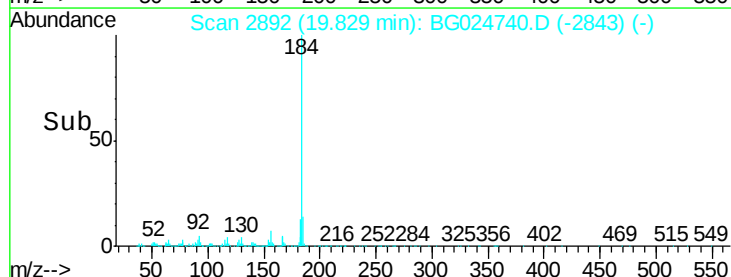
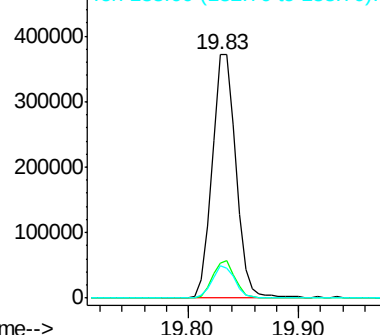
184 100

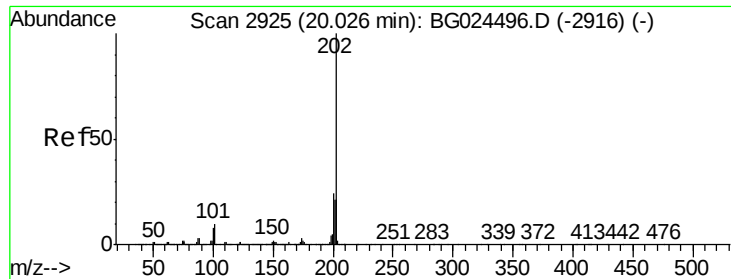
185 14.5 13.0 19.6

183 13.3 11.0 16.6



Abundance Ion 184.00 (183.70 to 184.70): E
500000
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





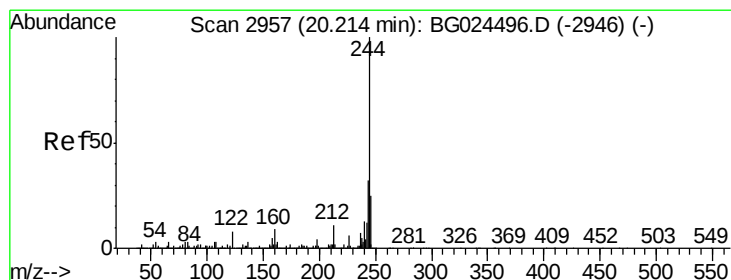
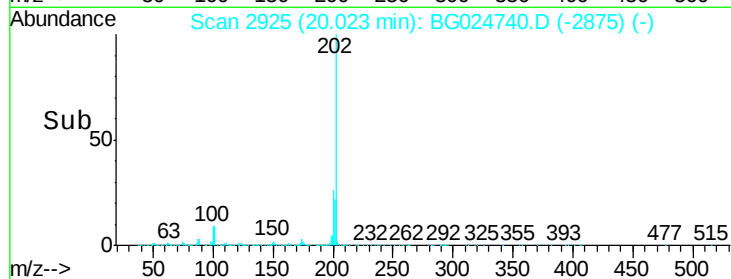
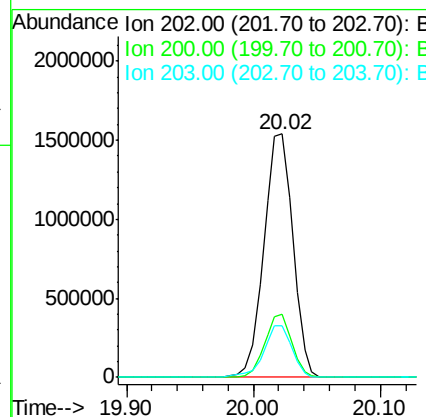
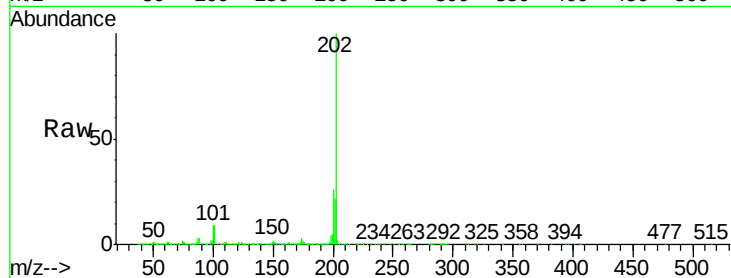
#77
Pvrene
Concen: 49.97 ng
RT: 20.02 min Scan# 2925
Delta R.T. -0.00 min
Lab File: BG024740.D
Acq: 7 Nov 2016 22:20

Instrument :
BNA_G
ClientSampleId :
GW-112-11.3-23.0MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	25.8	19.6	29.4
203	21.0	15.8	23.8

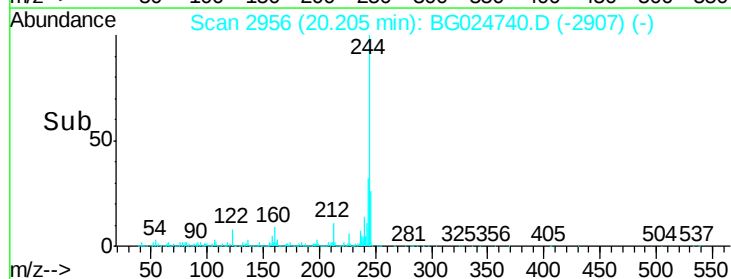
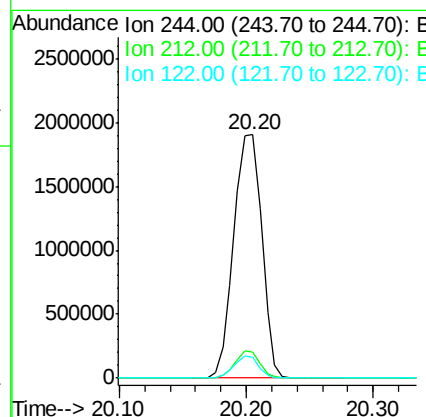
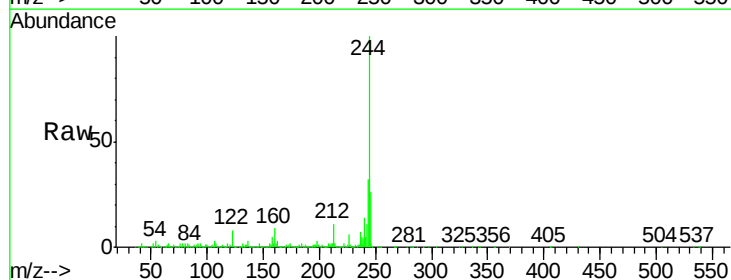
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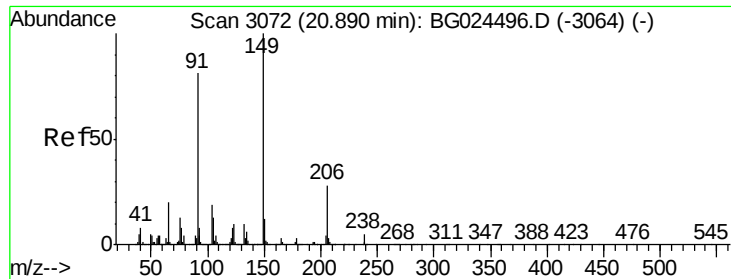
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#78
Terphenyl-d14
Concen: 86.55 ng
RT: 20.20 min Scan# 2956
Delta R.T. -0.01 min
Lab File: BG024740.D
Acq: 7 Nov 2016 22:20

Tgt Ion	Ratio	Lower	Upper
244	100		
212	10.6	10.0	15.0
122	8.4	8.6	12.8





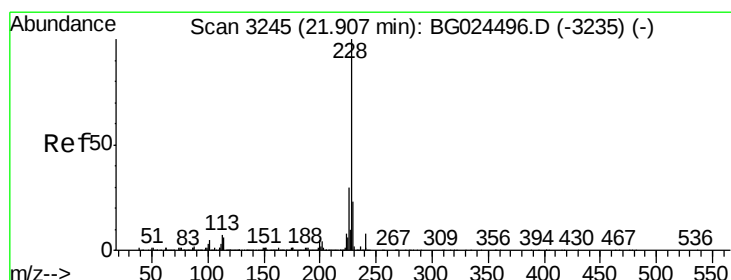
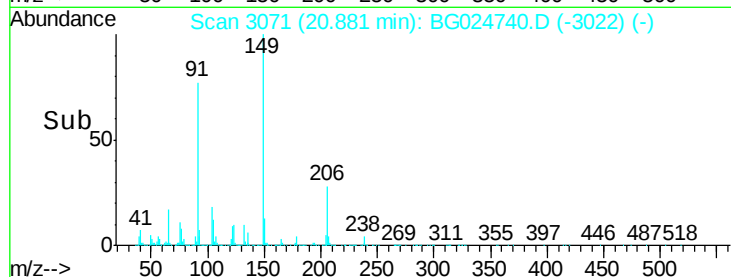
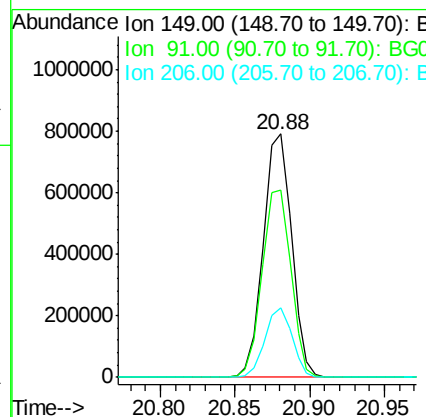
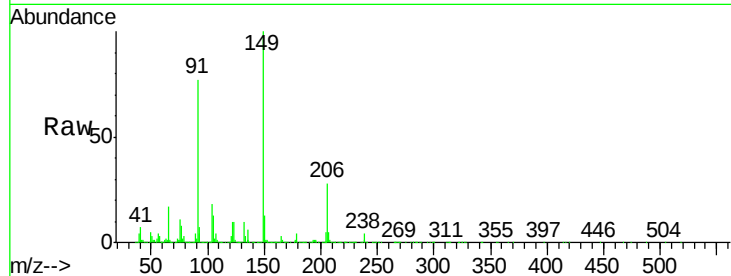
#79
Butylbenzylphthalate
Concen: 50.42 ng
RT: 20.88 min Scan# 3071
Delta R.T. -0.01 min
Lab File: BG024740.D
Acq: 7 Nov 2016 22:20

Instrument :
BNA_G
ClientSampleId :
GW-112-11.3-23.0MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	76.8	63.5	95.3
206	28.4	21.0	31.6

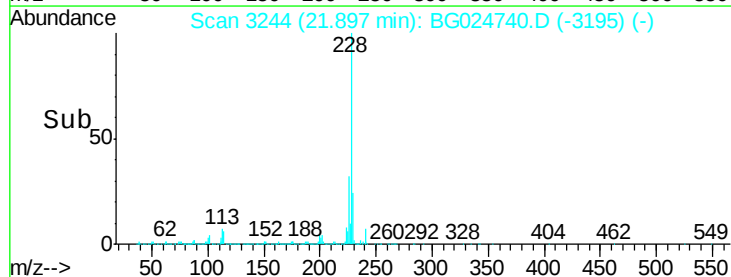
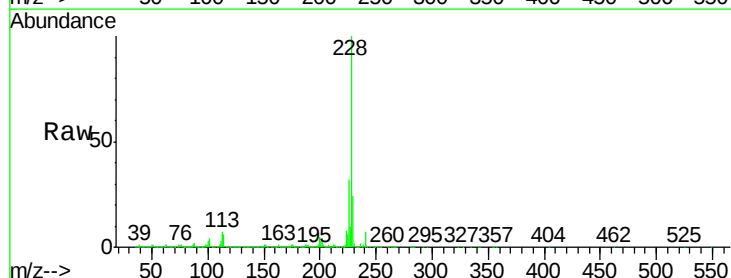
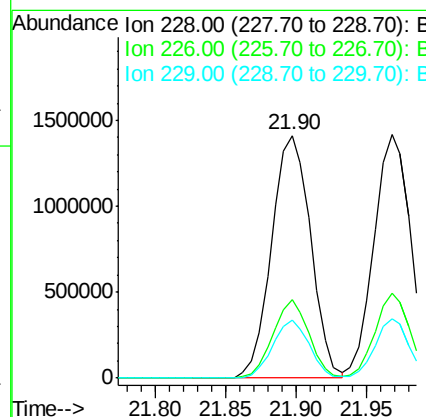
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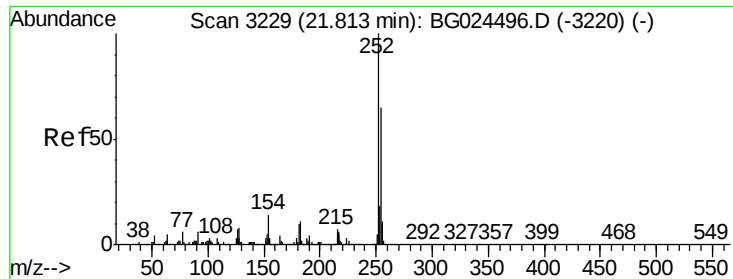
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#80
Benzo(a)anthracene
Concen: 49.55 ng
RT: 21.90 min Scan# 3244
Delta R.T. -0.01 min
Lab File: BG024740.D
Acq: 7 Nov 2016 22:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.1	24.9	37.3
229	24.0	18.2	27.2





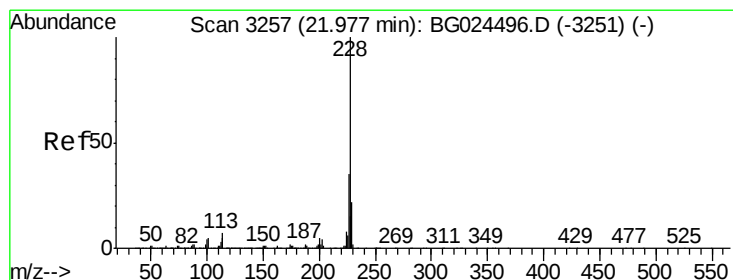
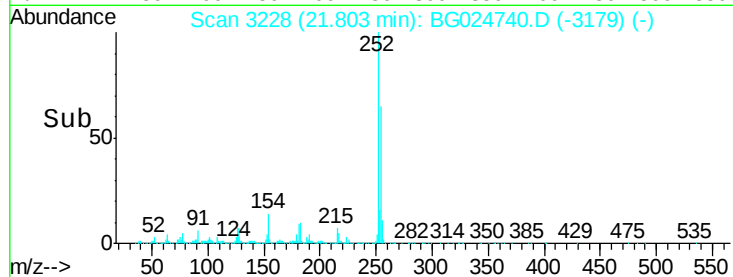
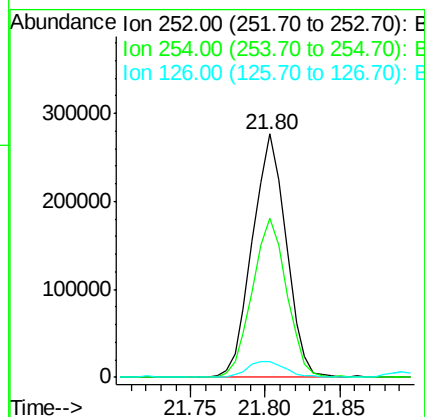
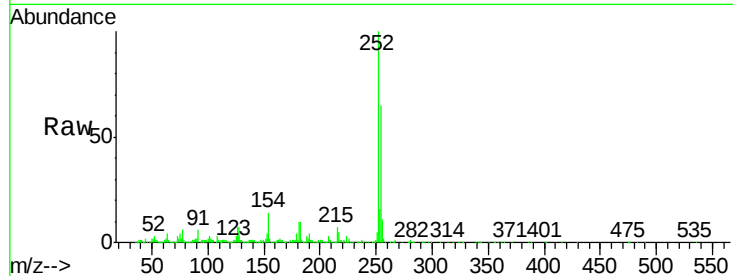
#81
 3,3'-Dichlorobenzidine
 Concen: 19.48 ng
 RT: 21.80 min Scan# 3228
 Delta R.T. -0.01 min
 Lab File: BG024740.D
 Acq: 7 Nov 2016 22:20

Instrument :
 BNA_G
 ClientSampleId :
 GW-112-11.3-23.0MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.3	53.1	79.7
126	6.6	7.0	10.4

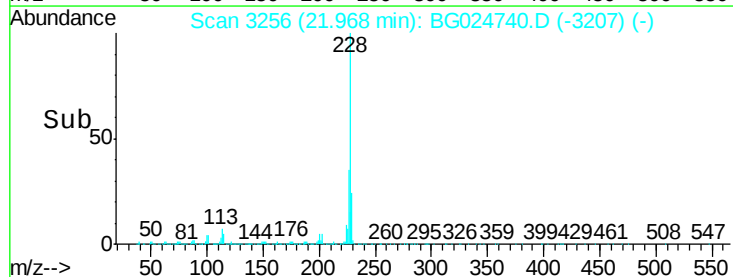
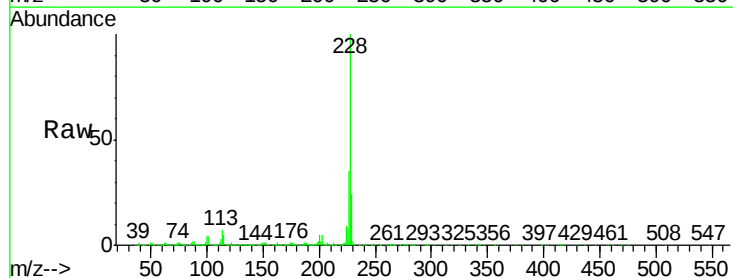
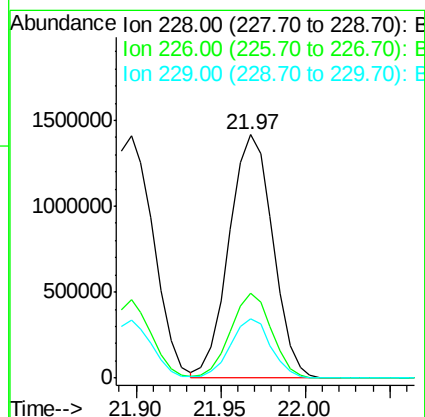
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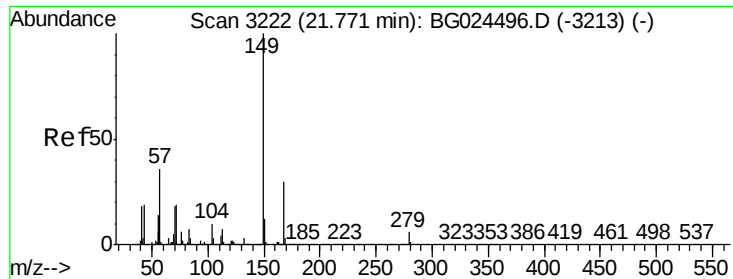
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#82
 Chrysene
 Concen: 48.48 ng
 RT: 21.97 min Scan# 3256
 Delta R.T. -0.01 min
 Lab File: BG024740.D
 Acq: 7 Nov 2016 22:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.7	27.0	40.4
229	24.3	17.8	26.6





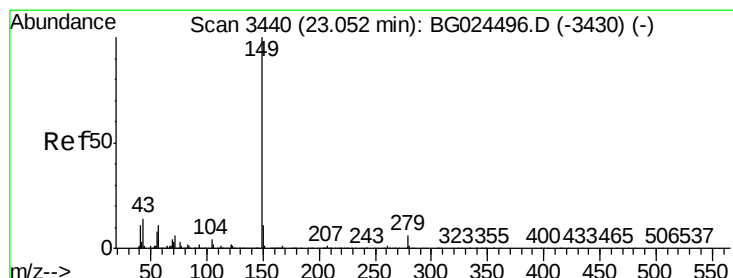
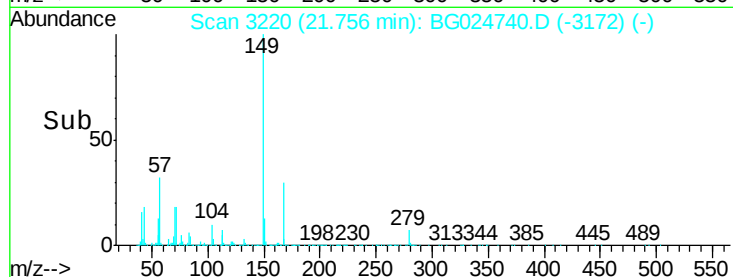
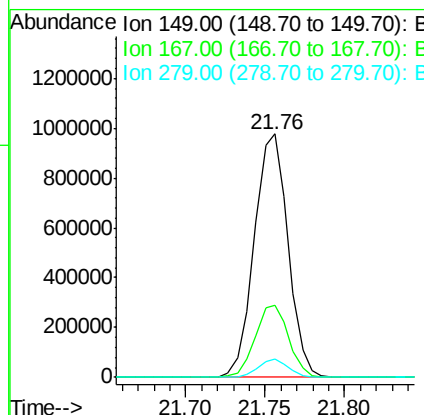
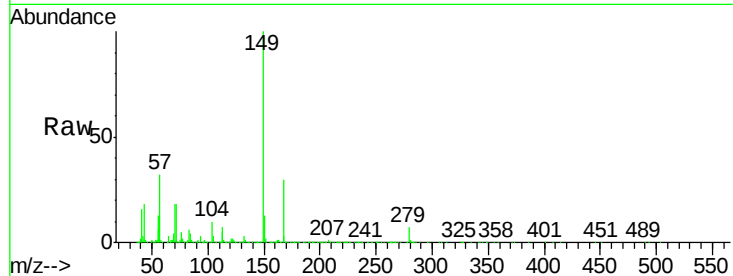
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.32 ng
 RT: 21.76 min Scan# 3220
 Delta R.T. -0.02 min
 Lab File: BG024740.D
 Acq: 7 Nov 2016 22:20

Instrument :
 BNA_G
 ClientSampleId :
 GW-112-11.3-23.0MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	29.6	23.7	35.5
279	7.3	4.6	6.8#

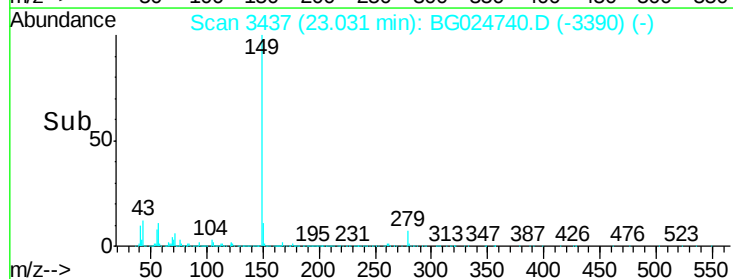
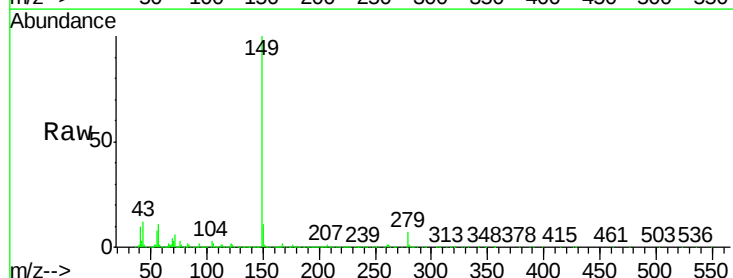
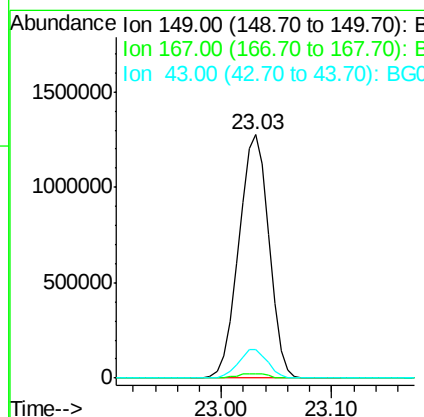
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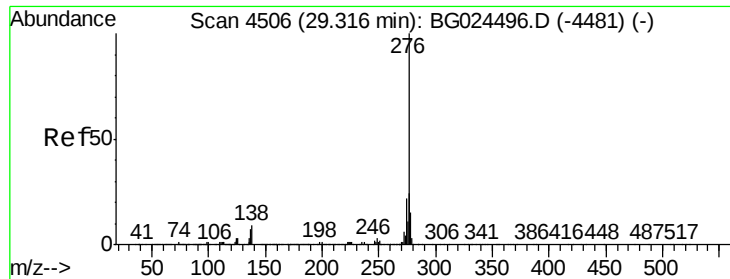
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#84
 Di-n-octyl phthalate
 Concen: 50.27 ng
 RT: 23.03 min Scan# 3437
 Delta R.T. -0.02 min
 Lab File: BG024740.D
 Acq: 7 Nov 2016 22:20

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.4	2.2
43	11.5	11.8	17.6#





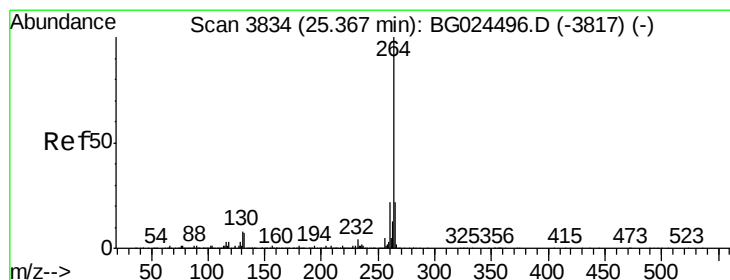
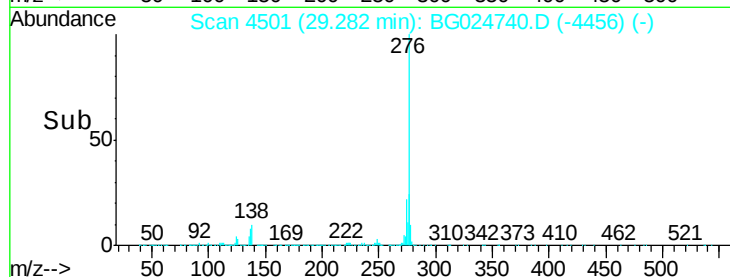
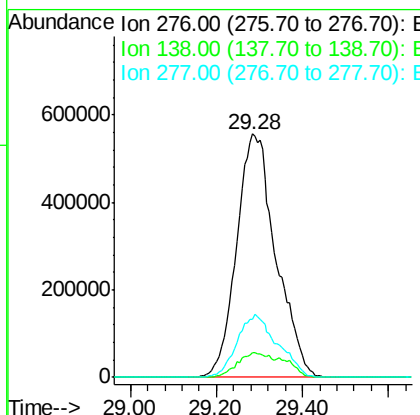
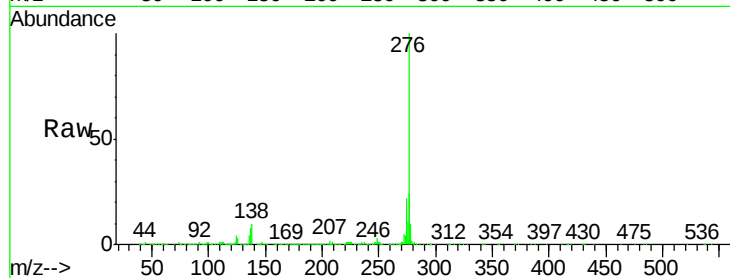
#85
Indeno(1,2,3-cd)pyrene
Concen: 49.08 ng
RT: 29.28 min Scan# 4501
Delta R.T. -0.03 min
Lab File: BG024740.D
Acq: 7 Nov 2016 22:20

Instrument :
BNA_G
ClientSampleId :
GW-112-11.3-23.0MSD

Tot Ion:276 Resp: 3559560
Ion Ratio Lower Upper
276 100
138 8.6 4.7 7.1#
277 26.5 20.6 31.0

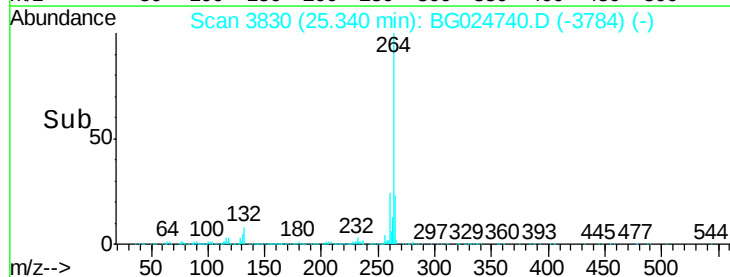
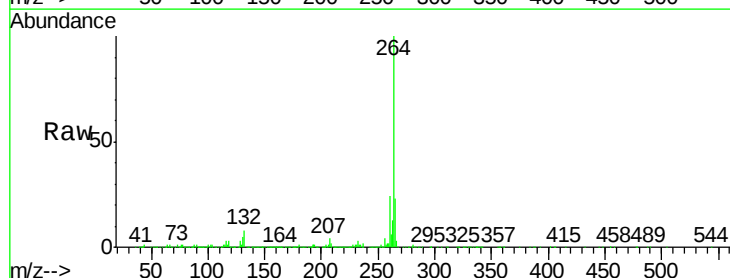
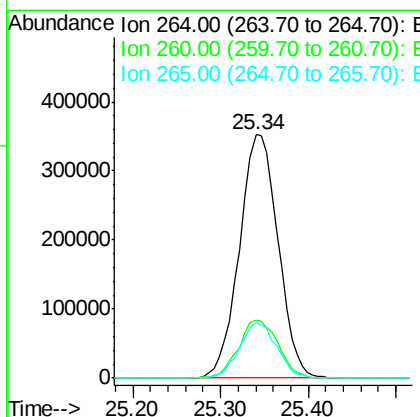
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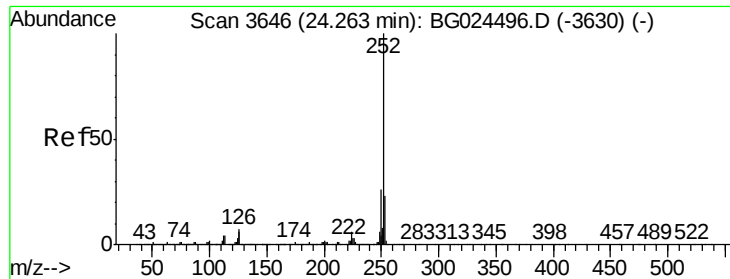
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#86
Perylene-d12
Concen: 20.00 ng
RT: 25.34 min Scan# 3830
Delta R.T. -0.03 min
Lab File: BG024740.D
Acq: 7 Nov 2016 22:20

Tgt Ion:264 Resp: 1056555
Ion Ratio Lower Upper
264 100
260 23.7 21.8 32.8
265 22.8 18.2 27.4





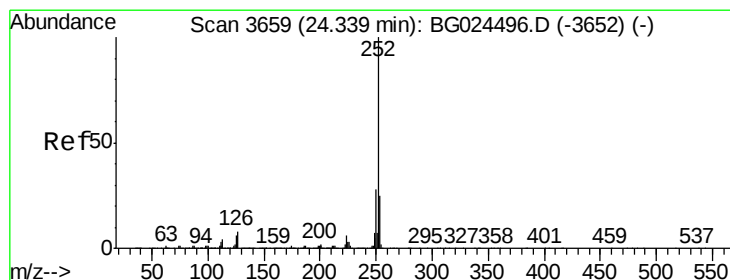
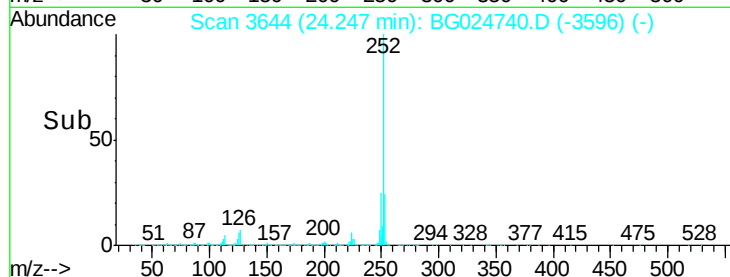
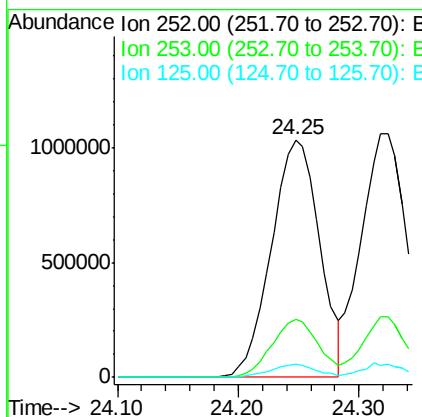
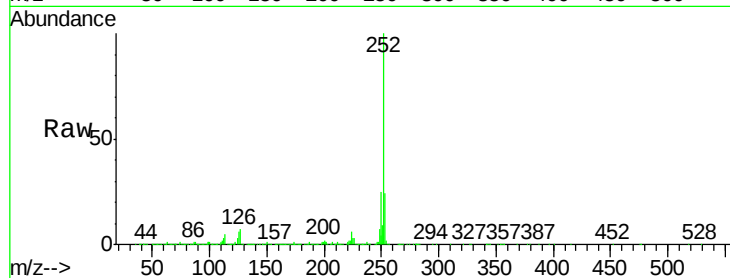
#87
Benzo(b)fluoranthene
Concen: 50.13 ng
RT: 24.25 min Scan# 3644
Delta R.T. -0.02 min
Lab File: BG024740.D
Acq: 7 Nov 2016 22:20

Instrument :
BNA_G
ClientSampleId :
GW-112-11.3-23.0MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.7	28.1
125	5.5	5.3	7.9

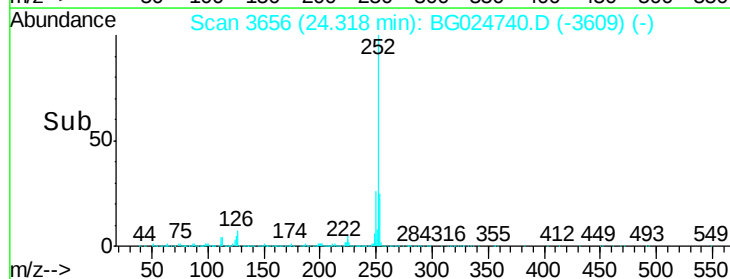
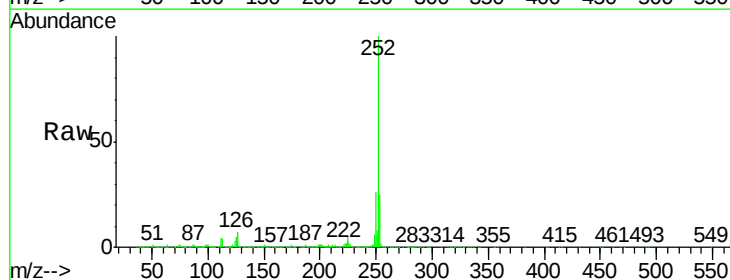
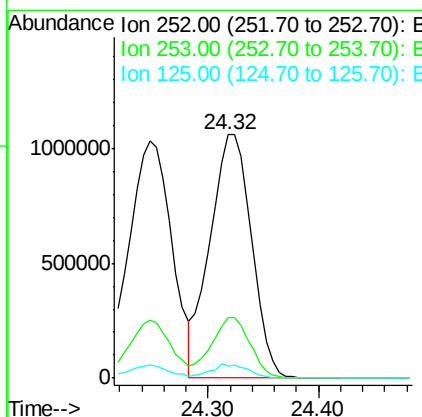
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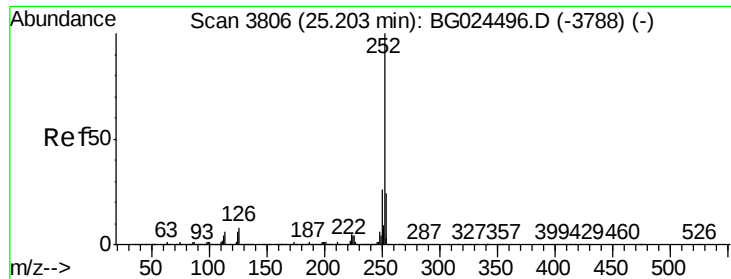
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#88
Benzo(k)fluoranthene
Concen: 50.31 ng
RT: 24.32 min Scan# 3656
Delta R.T. -0.02 min
Lab File: BG024740.D
Acq: 7 Nov 2016 22:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	20.2	30.2
125	5.1	5.1	7.7





#89

Benzo(a)pyrene

Concen: 49.93 ng

RT: 25.18 min Scan# 3803

Delta R.T. -0.02 min

Lab File: BG024740.D

Acq: 7 Nov 2016 22:20

Instrument :

BNA_G

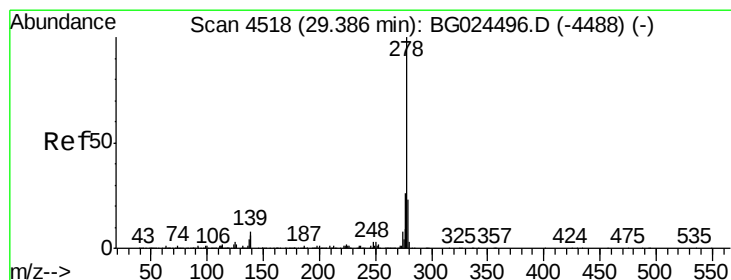
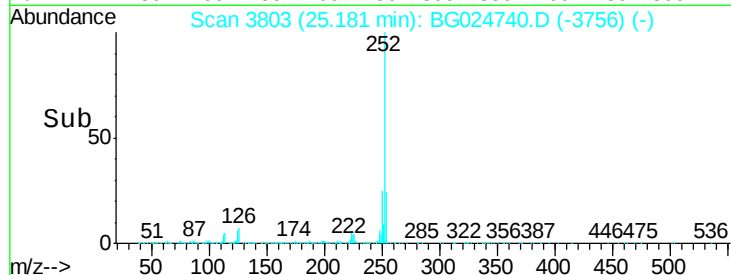
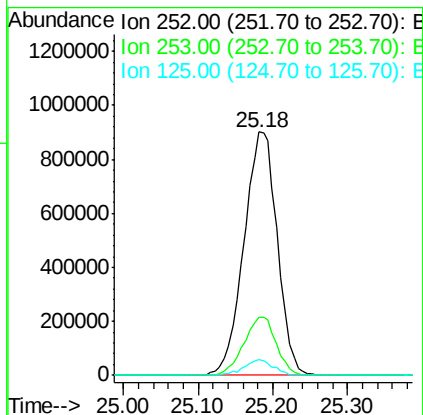
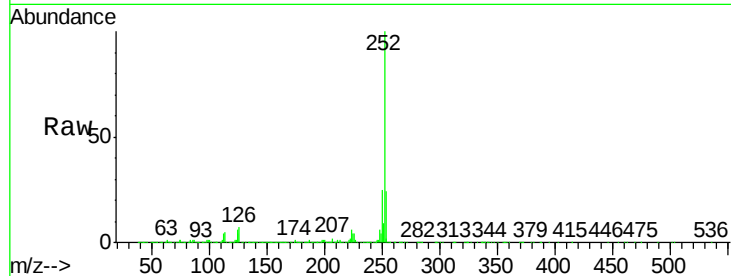
ClientSampleId :

GW-112-11.3-23.0MSD

Tot Ion:	252	Resp:	2786571
Ion Ratio	Lower	Upper	
252	100		
253	23.7	19.2	28.8
125	6.4	5.4	8.0

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#90

Dibenzo(a,h)anthracene

Concen: 48.72 ng

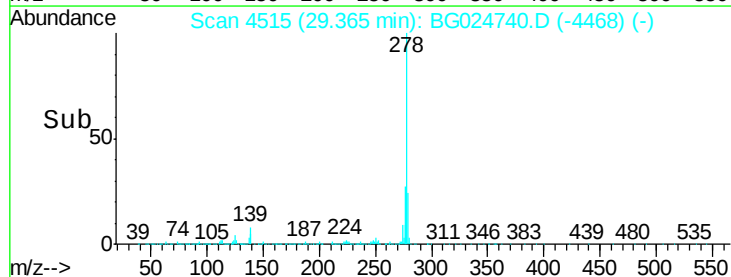
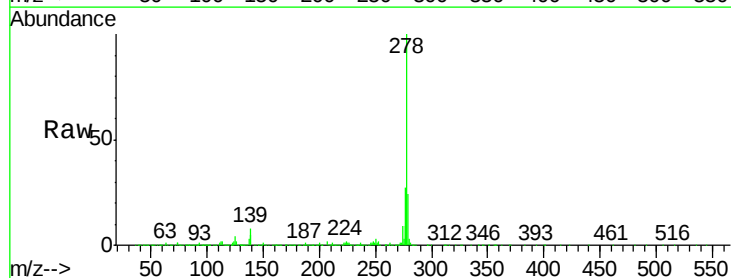
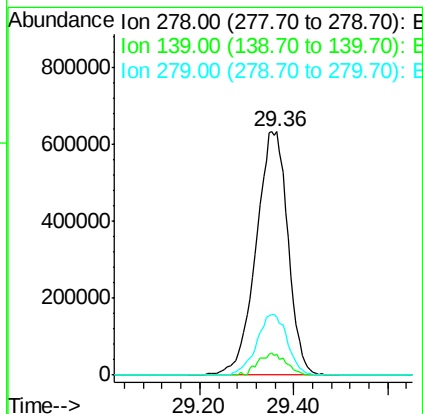
RT: 29.36 min Scan# 4515

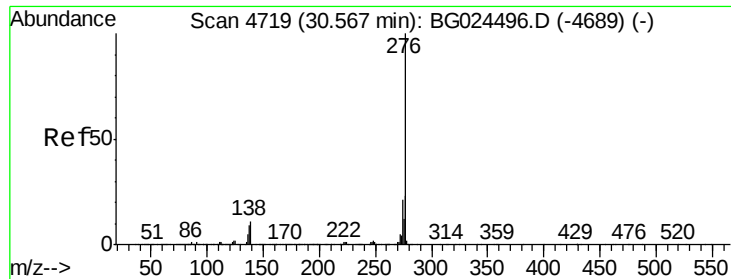
Delta R.T. -0.02 min

Lab File: BG024740.D

Acq: 7 Nov 2016 22:20

Tgt Ion:	278	Resp:	2984252
Ion Ratio	Lower	Upper	
278	100		
139	8.5	7.7	11.5
279	23.6	19.1	28.7





#91
 Benzo(a,h,i)perylene
 Concen: 48.51 ng
 RT: 30.53 min Scan# 4714
 Delta R.T. -0.03 min
 Lab File: BG024740.D
 Acq: 7 Nov 2016 22:20

Instrument :
 BNA_G
 ClientSampleId :
 GW-112-11.3-23.0MSD

Tot Ion:	276	Resp:	2968440
Ion	Ratio	Lower	Upper
276	100		
277	25.1	18.6	27.8
138	10.6	8.1	12.1

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