

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110316\
 Data File : BG024658.D
 Acq On : 3 Nov 2016 22:23
 Operator : UM/SJ
 Sample : H5491-05MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-78-14.0-15.0MSD

Manual Integrations
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Sohil
 11/4/2016 10:04:16 AM

Quant Time: Nov 04 02:29:05 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	8.27	152	100948	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	405416	20.00	ng	0.00
38) Acenaphthene-d10	14.89	164	326625	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	728814	20.00	ng	0.00
75) Chrysene-d12	21.92	240	923766	20.00	ng	0.00
86) Perylene-d12	25.35	264	950958	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.80	112	944106	153.28	ng	0.00
7) Phenol-d6	7.41	99	1374944	162.74	ng	0.00
23) Nitrobenzene-d5	9.44	82	964027	108.26	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	762447	156.25	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1891306	96.24	ng	0.00
78) Terphenyl-d14	20.21	244	3070013	99.31	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.66	88	98291	39.06	ng	91
3) Pyridine	4.07	79	305225	40.51	ng	94
4) n-Nitrosodimethylamine	3.98	42	198818	50.98	ng	# 78
6) Aniline	7.59	93	226255	21.14	ng	95
8) 2-Chlorophenol	7.83	128	341959	54.61	ng	97
9) Benzaldehyde	7.40	77	68205	13.06	ng	97
10) Phenol	7.43	94	518483	59.53	ng	95
11) bis(2-Chloroethyl)ether	7.67	93	338846	51.79	ng	93
12) 1,3-Dichlorobenzene	8.16	146	373344	48.16	ng	96
13) 1,4-Dichlorobenzene	8.30	146	381025	49.76	ng	100
14) 1,2-Dichlorobenzene	8.63	146	361933	49.16	ng	98
15) Benzyl Alcohol	8.50	79	413756	52.64	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.80	45	611318	50.36	ng	96
17) 2-Methylphenol	8.70	107	315289	54.63	ng	98
18) Hexachloroethane	9.36	117	143310	48.69	ng	88
19) n-Nitroso-di-n-propylamine	9.07	70	336238	54.00	ng	94
20) 3+4-Methylphenols	9.02	107	450919	58.20	ng	97
22) Acetophenone	9.10	105	562550	54.02	ng	# 93
24) Nitrobenzene	9.49	77	515527	52.04	ng	98
25) Isophorone	10.00	82	897322	54.18	ng	97
26) 2-Nitrophenol	10.20	139	202070	54.96	ng	94
27) 2,4-Dimethylphenol	10.24	122	336798	52.32	ng	100
28) bis(2-Chloroethoxy)methane	10.48	93	497546	58.06	ng	97
29) 2,4-Dichlorophenol	10.73	162	390473	57.80	ng	94
30) 1,2,4-Trichlorobenzene	10.95	180	420990	52.53	ng	98
31) Naphthalene	11.15	128	1048002	51.82	ng	99
32) Benzoic acid	10.32	122	30948	5.77	ng	# 83
33) 4-Chloroaniline	11.25	127	91442	10.41	ng	# 93
34) Hexachlorobutadiene	11.41	225	311009	49.58	ng	96
35) Caprolactam	12.02	113	137357m	55.53	ng	
36) 4-Chloro-3-methylphenol	12.34	107	461619	56.60	ng	97
37) 2-Methylnaphthalene	12.73	142	778913	52.79	ng	96
39) 1,2,4,5-Tetrachlorobenzene	13.09	216	531216	48.22	ng	97
40) Hexachlorocyclopentadiene	13.06	237	642928	103.63	ng	96

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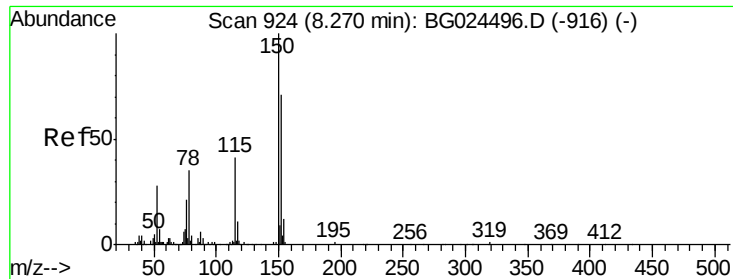
Manual Integrations
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Quant Time: Nov 04 02:29:05 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.33	196	357879	54.04	ng	98
43) 2,4,5-Trichlorophenol	13.40	196	379014	52.94	ng	97
45) 1,1'-Biphenyl	13.72	154	1074584	47.41	ng	98
46) 2-Chloronaphthalene	13.77	162	877874	50.86	ng	99
47) 2-Nitroaniline	13.97	65	374114	52.94	ng	98
48) Acenaphthylene	14.61	152	1298158	49.05	ng	98
49) Dimethylphthalate	14.33	163	1656047	71.42	ng	98
50) 2,6-Dinitrotoluene	14.46	165	273980	55.35	ng	93
51) Acenaphthene	14.95	154	851065	43.13	ng	97
52) 3-Nitroaniline	14.79	138	107021	20.89	ng	95
53) 2,4-Dinitrophenol	14.99	184	169284	47.19	ng	92
54) Dibenzofuran	15.28	168	1396128	51.18	ng	98
55) 4-Nitrophenol	15.08	139	453901	101.71	ng	# 87
56) 2,4-Dinitrotoluene	15.24	165	404524	56.24	ng	# 93
57) Fluorene	15.93	166	1123330	49.66	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.50	232	397085	53.50	ng	# 94
59) Diethylphthalate	15.68	149	1206580	49.63	ng	99
60) 4-Chlorophenyl-phenylether	15.91	204	642011	50.58	ng	99
61) 4-Nitroaniline	15.95	138	263681	47.12	ng	98
62) Azobenzene	16.20	77	1270792	52.41	ng	98
64) 4,6-Dinitro-2-methylphenol	16.00	198	236179	47.04	ng	92
65) n-Nitrosodiphenylamine	16.13	169	1054379	52.92	ng	100
66) 4-Bromophenyl-phenylether	16.80	248	454066	51.32	ng	94
67) Hexachlorobenzene	16.93	284	495791	50.71	ng	# 90
68) Atrazine	17.06	200	469300	54.91	ng	98
69) Pentachlorophenol	17.27	266	633898	98.26	ng	98
70) Phenanthrene	17.67	178	1862059	50.13	ng	98
71) Anthracene	17.76	178	1890967	50.45	ng	98
72) Carbazole	18.03	167	1695658	49.61	ng	98
73) Di-n-butylphthalate	18.55	149	1953222	49.56	ng	98
74) Fluoranthene	19.67	202	2307070	49.13	ng	97
76) Benzidine	19.84	184	858403	39.44	ng	98
77) Pyrene	20.02	202	2311905	51.20	ng	98
79) Butylbenzylphthalate	20.88	149	996998	52.96	ng	97
80) Benzo(a)anthracene	21.90	228	2545019	50.15	ng	99
81) 3,3'-Dichlorobenzidine	21.81	252	495214	24.19	ng	# 97
82) Chrysene	21.97	228	2394689	49.55	ng	99
83) Bis(2-ethylhexyl)phthalate	21.76	149	1421863	52.80	ng	99
84) Di-n-octyl phthalate	23.04	149	2342995	52.42	ng	95
85) Indeno(1,2,3-cd)pyrene	29.30	276	3238155	48.54	ng	# 95
87) Benzo(b)fluoranthene	24.25	252	2595498	50.49	ng	99
88) Benzo(k)fluoranthene	24.33	252	2575563m	51.88	ng	
89) Benzo(a)pyrene	25.19	252	2567687	51.12	ng	98
90) Dibenzo(a,h)anthracene	29.37	278	2685889	48.72	ng	98
91) Benzo(g,h,i)perylene	30.54	276	2661773	48.33	ng	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.27 min Scan# 924

Delta R.T. -0.00 min

Lab File: BG024658.D

Acq: 3 Nov 2016 22:23

Instrument :

BNA_G

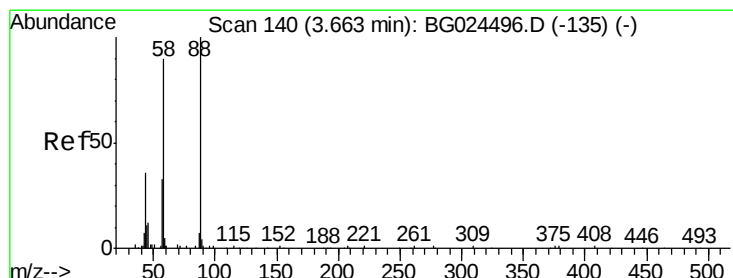
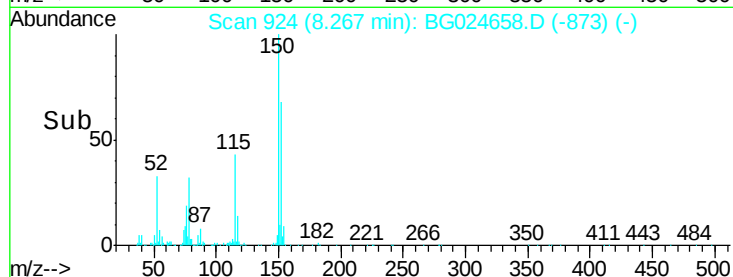
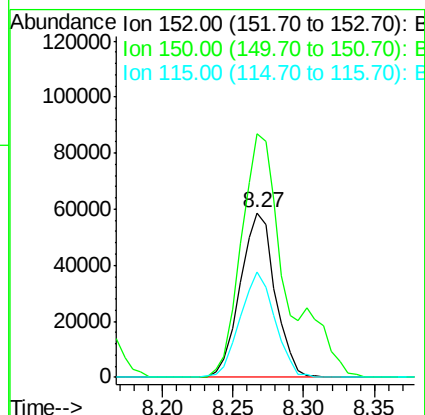
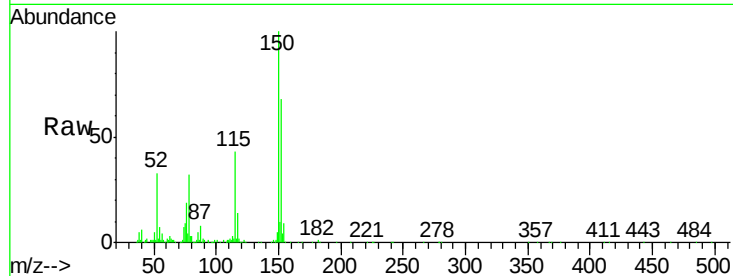
ClientSampleId :

SB-78-14.0-15.0MSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	148.0	114.0	171.0
115	64.2	48.1	72.1

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#2

1,4-Dioxane

Concen: 39.06 ng

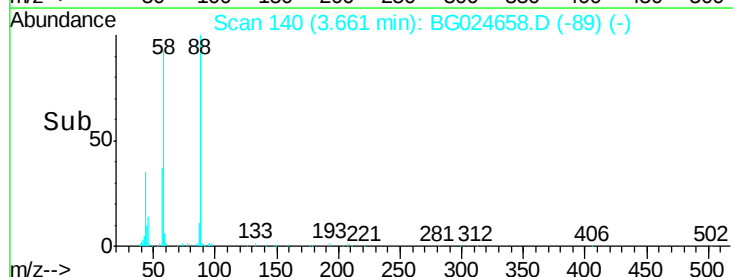
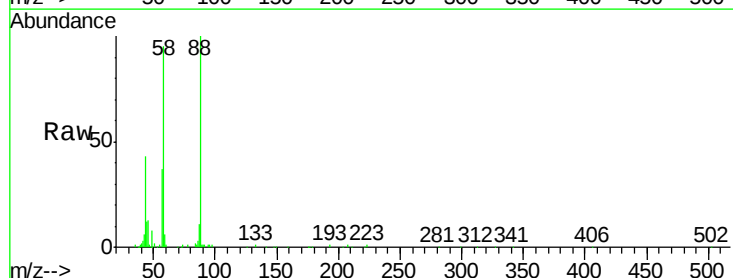
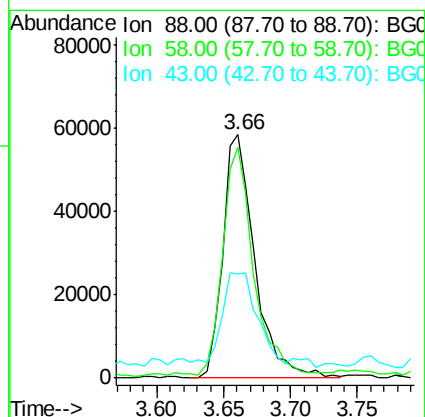
RT: 3.66 min Scan# 140

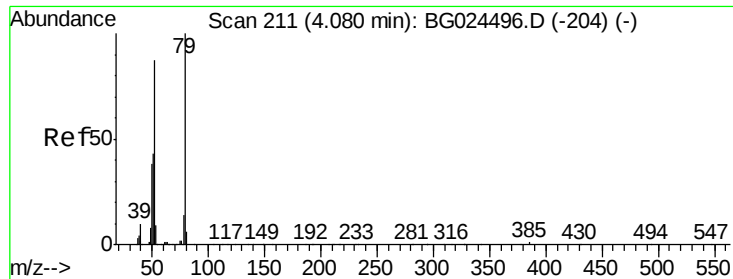
Delta R.T. -0.00 min

Lab File: BG024658.D

Acq: 3 Nov 2016 22:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.0	79.4	119.2
43	39.1	33.8	50.6





#3

Pyridine

Concen: 40.51 ng

RT: 4.07 min Scan# 209

Delta R.T. -0.01 min

Lab File: BG024658.D

Acq: 3 Nov 2016 22:23

Instrument :

BNA_G

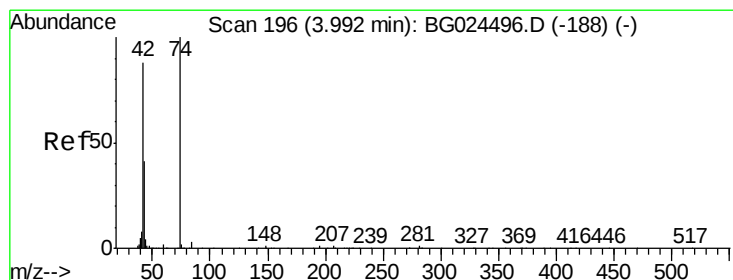
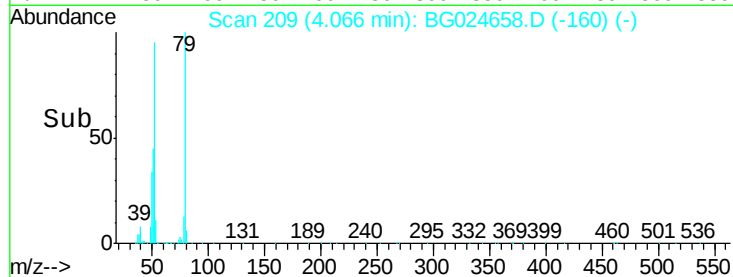
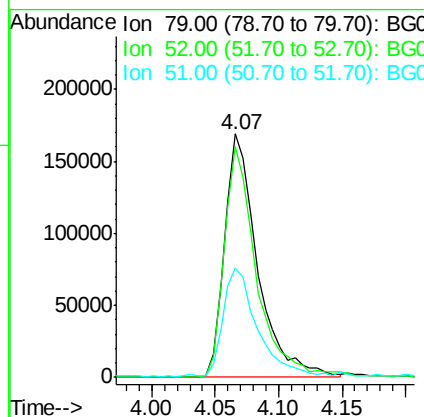
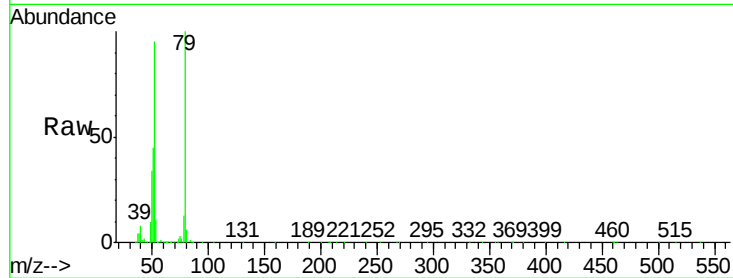
ClientSampleId :

SB-78-14.0-15.0MSD

Tgt Ion:	79	Resp:	305225
Ion Ratio	Lower	Upper	
79	100		
52	94.8	77.8	116.6
51	45.1	43.2	64.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 50.98 ng

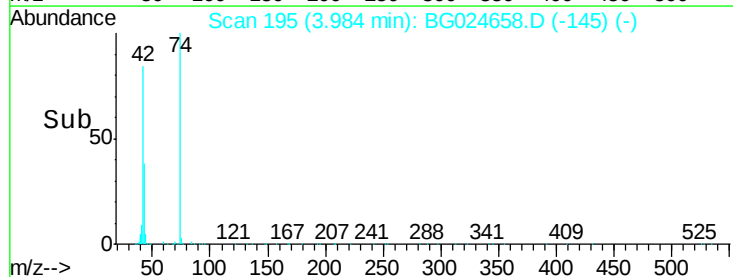
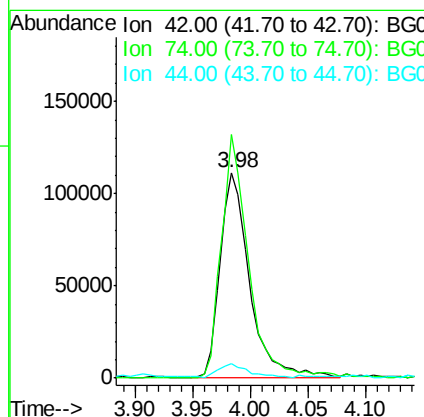
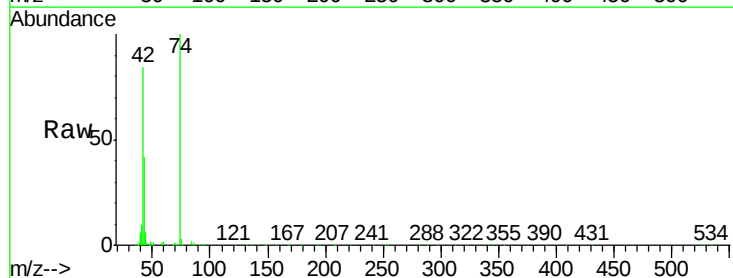
RT: 3.98 min Scan# 195

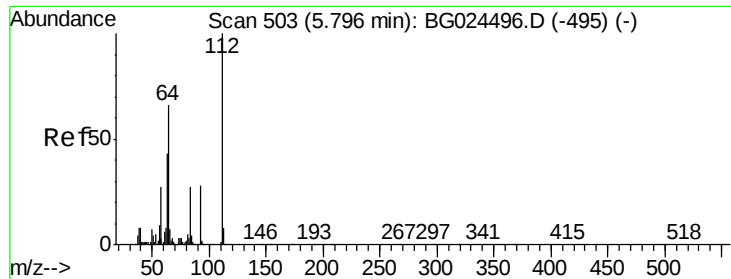
Delta R.T. -0.01 min

Lab File: BG024658.D

Acq: 3 Nov 2016 22:23

Tgt Ion:	42	Resp:	198818
Ion Ratio	Lower	Upper	
42	100		
74	118.5	76.7	115.1#
44	7.0	6.1	9.1





#5

2-Fluorophenol

Concen: 153.28 ng

RT: 5.80 min Scan# 504

Delta R.T. 0.00 min

Lab File: BG024658.D

Acq: 3 Nov 2016 22:23

Instrument :

BNA_G

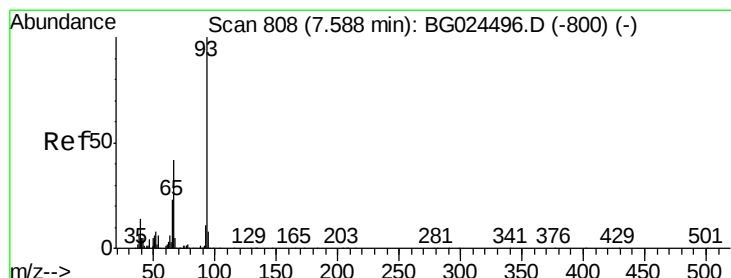
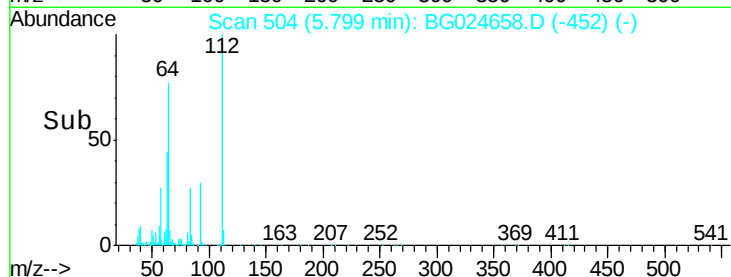
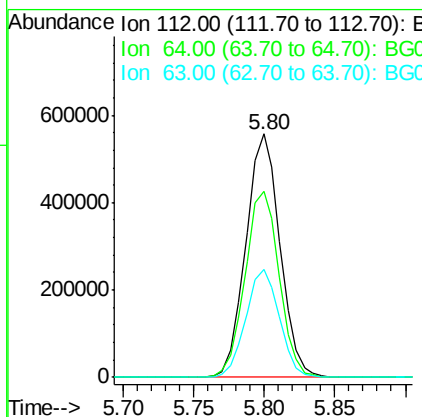
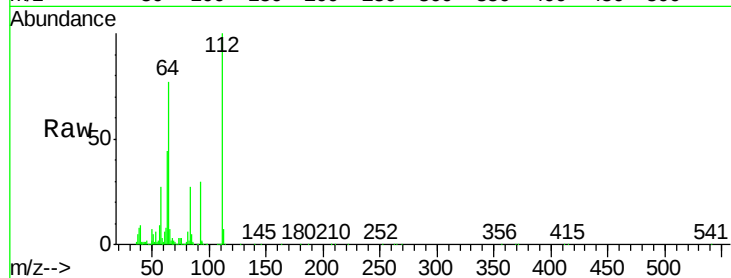
ClientSampleId :

SB-78-14.0-15.0MSD

Tgt Ion:	112	Resp:	944106
Ion Ratio	Lower	Upper	
112	100		
64	76.5	61.8	92.6
63	44.4	37.2	55.8

Manual Integrations
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#6

Aniline

Concen: 21.14 ng

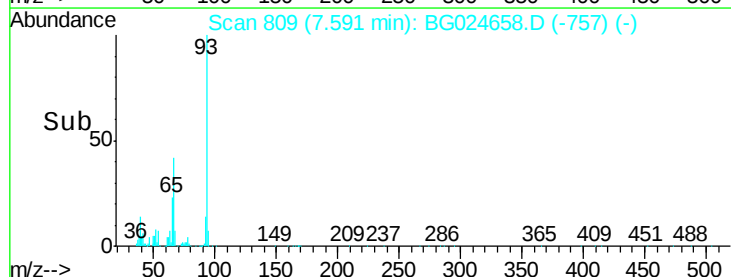
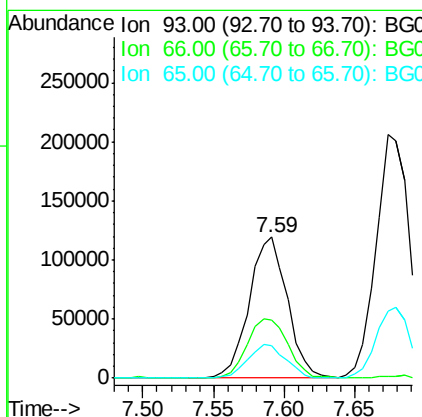
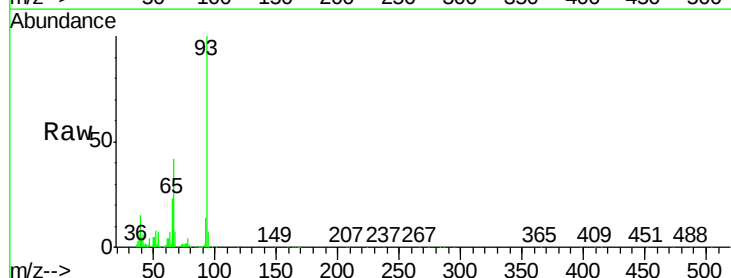
RT: 7.59 min Scan# 809

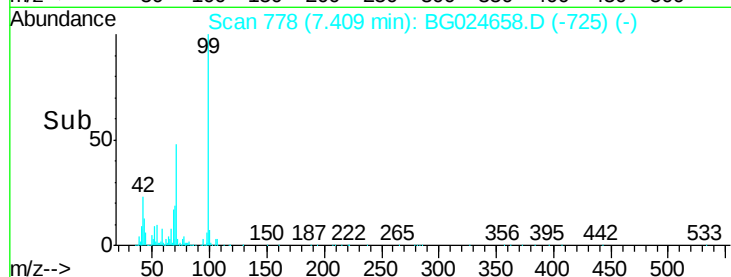
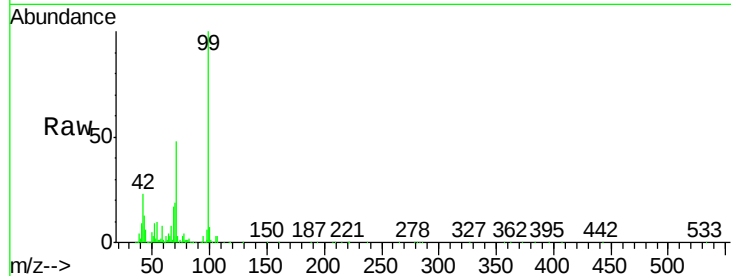
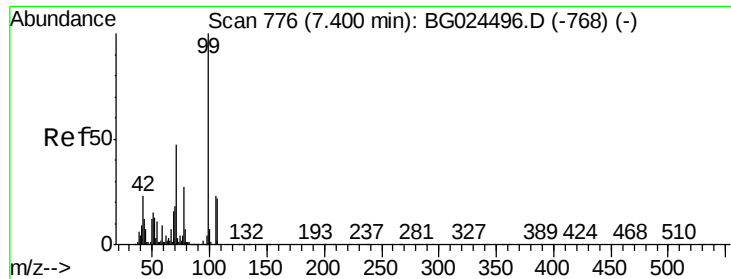
Delta R.T. 0.00 min

Lab File: BG024658.D

Acq: 3 Nov 2016 22:23

Tgt Ion:	93	Resp:	226255
Ion Ratio	Lower	Upper	
93	100		
66	41.6	35.4	53.2
65	22.6	21.2	31.8





#7

Phenol-d6

Concen: 162.74 ng

RT: 7.41 min Scan# 778

Delta R.T. 0.01 min

Lab File: BG024658.D

Acq: 3 Nov 2016 22:23

Tgt Ion:	99	Resp:	1374944
Ion	Ratio	Lower	Upper
99	100		
42	23.3	20.5	30.7
71	48.4	37.6	56.4

Instrument :

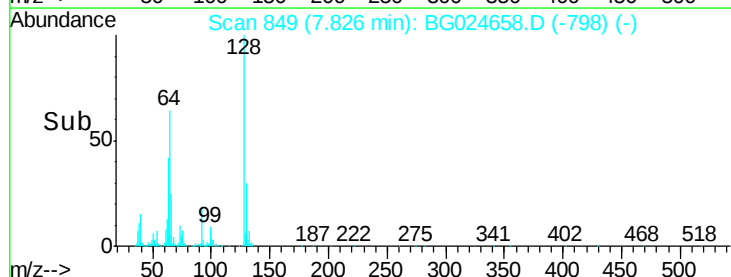
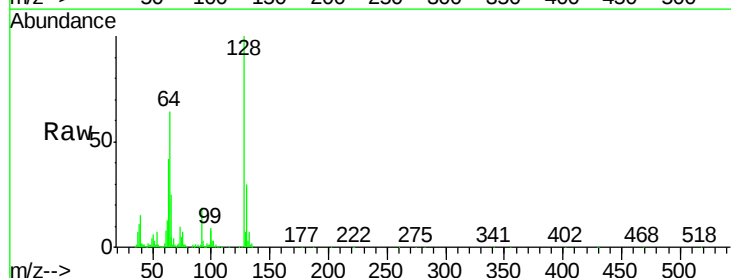
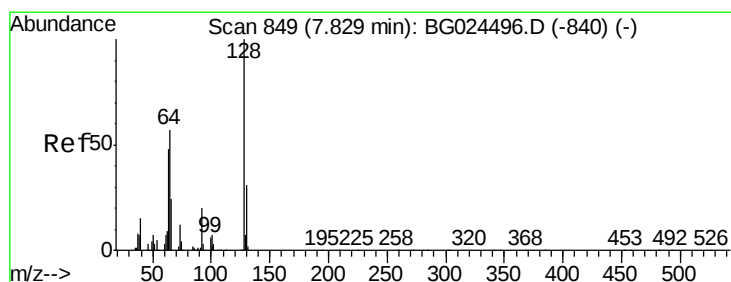
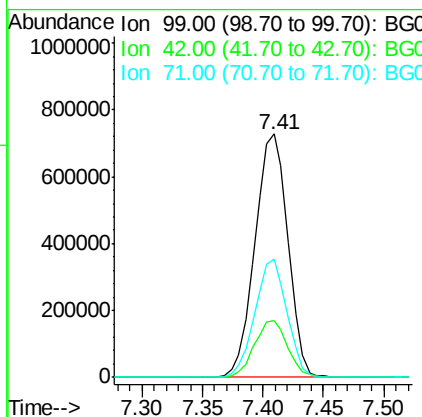
BNA_G

ClientSampleId :

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#8

2-Chlorophenol

Concen: 54.61 ng

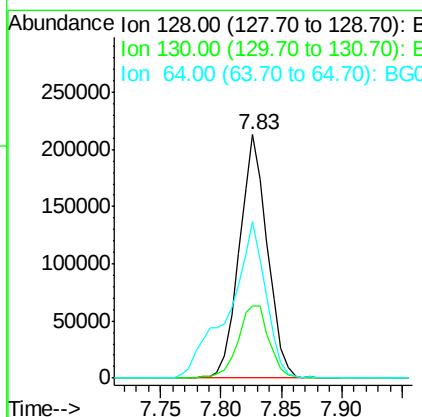
RT: 7.83 min Scan# 849

Delta R.T. -0.00 min

Lab File: BG024658.D

Acq: 3 Nov 2016 22:23

Tgt Ion:	128	Resp:	341959
Ion	Ratio	Lower	Upper
128	100		
130	29.8	11.4	51.4
64	64.2	46.6	86.6





#9

Benzaldehyde

Concen: 13.06 ng

RT: 7.40 min Scan# 777

Delta R.T. -0.00 min

Lab File: BG024658.D

Acq: 3 Nov 2016 22:23

Instrument :

BNA_G

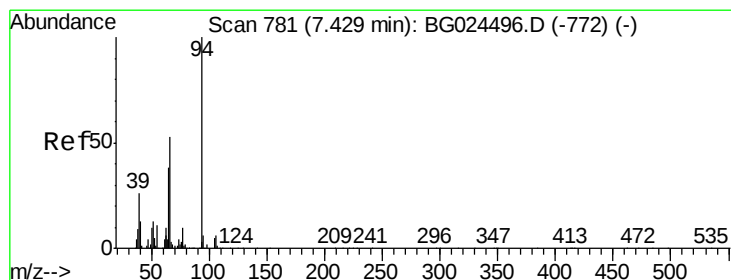
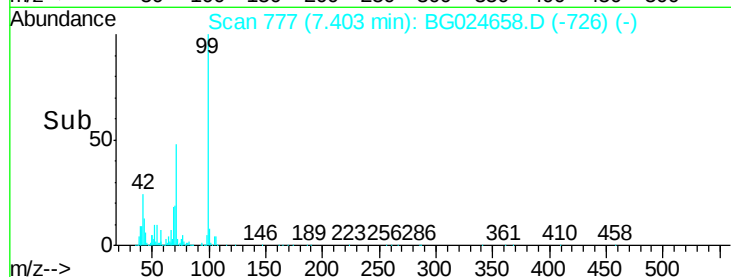
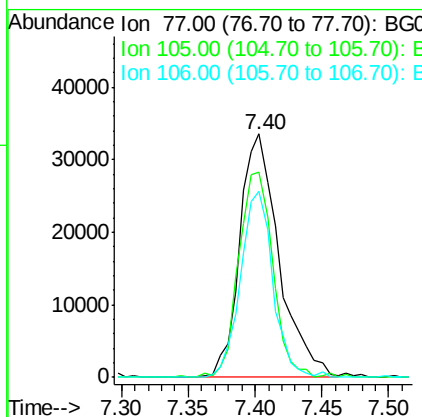
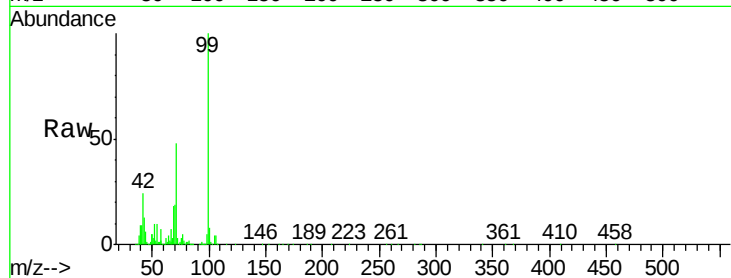
ClientSampleId :

SB-78-14.0-15.0MSD

Tgt Ion:	77	Resp:	68205
Ion Ratio	Lower	Upper	
77	100		
105	84.5	60.9	100.9
106	76.2	55.1	95.1

Manual Integrations
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11/4/2016 10:04:16 AM



#10

Phenol

Concen: 59.53 ng

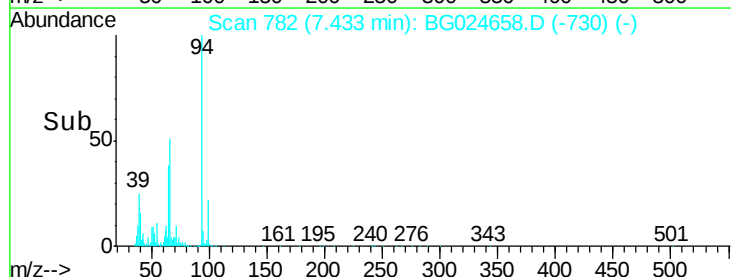
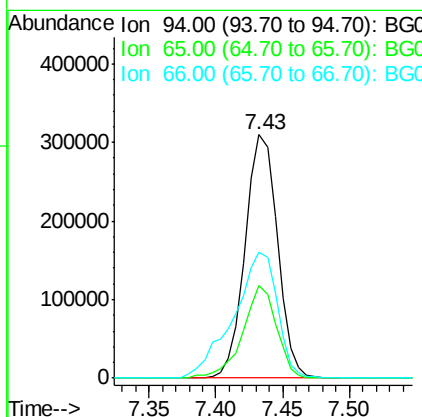
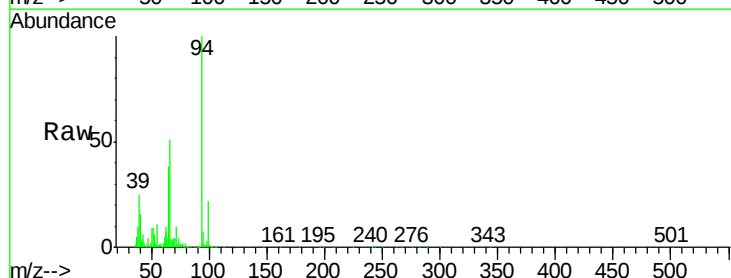
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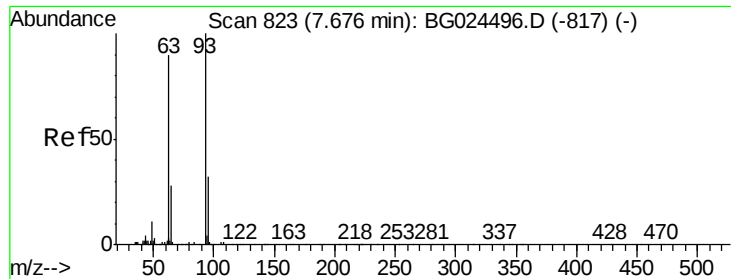
Delta R.T. 0.00 min

Lab File: BG024658.D

Acq: 3 Nov 2016 22:23

Tgt Ion:	94	Resp:	518483
Ion Ratio	Lower	Upper	
94	100		
65	37.9	20.6	60.6
66	51.5	35.5	75.5





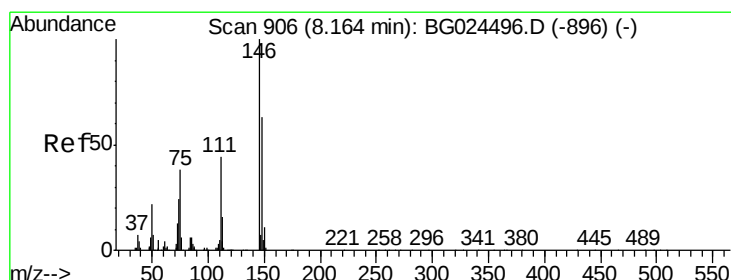
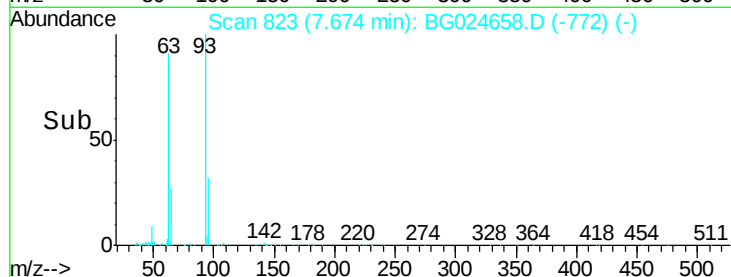
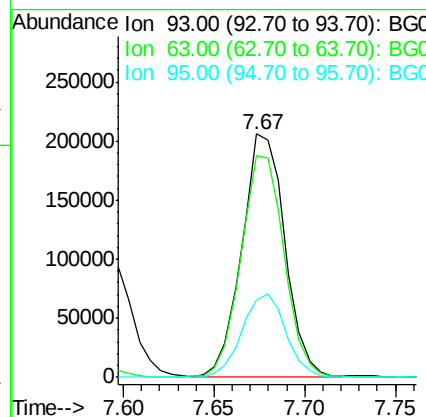
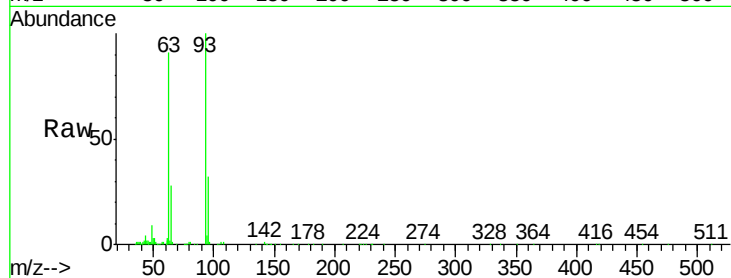
#11
bis(2-Chloroethyl)ether
Concen: 51.79 ng
RT: 7.67 min Scan# 823
Delta R.T. -0.00 min
Lab File: BG024658.D
Acq: 3 Nov 2016 22:23

Instrument :
BNA_G
ClientSampleId :
SB-78-14.0-15.0MSD

Tgt Ion	Ratio	Lower	Upper
93	100		
63	91.2	78.5	118.5
95	32.0	9.8	49.8

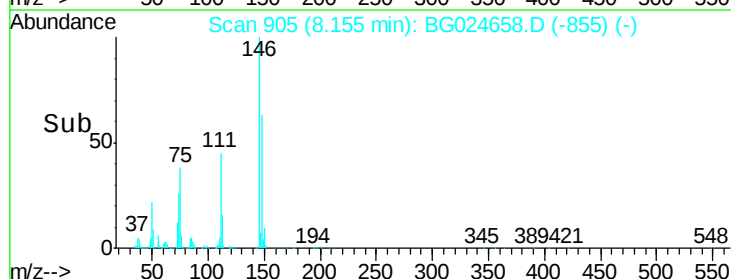
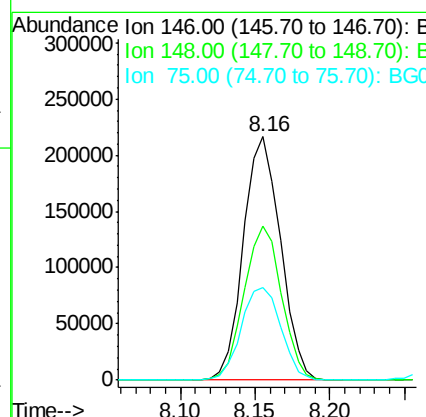
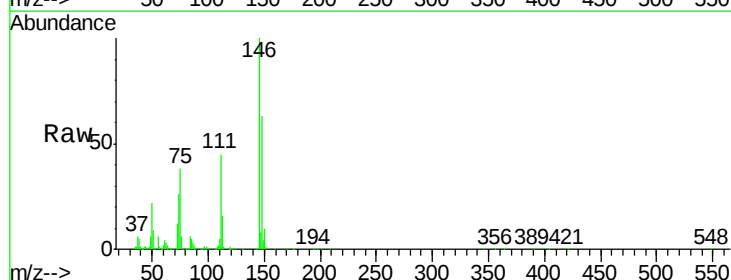
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#12
1,3-Dichlorobenzene
Concen: 48.16 ng
RT: 8.16 min Scan# 905
Delta R.T. -0.01 min
Lab File: BG024658.D
Acq: 3 Nov 2016 22:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	49.2	73.8
75	37.9	33.4	50.2





#13

1,4-Dichlorobenzene

Concen: 49.76 ng

RT: 8.30 min Scan# 930

Delta R.T. -0.01 min

Lab File: BG024658.D

Acq: 3 Nov 2016 22:23

Instrument :

BNA_G

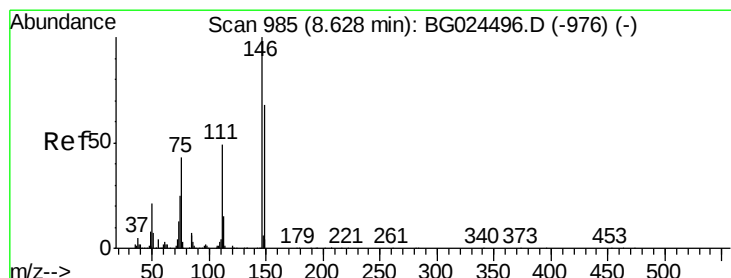
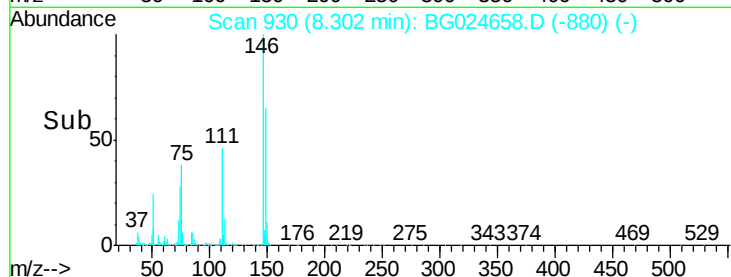
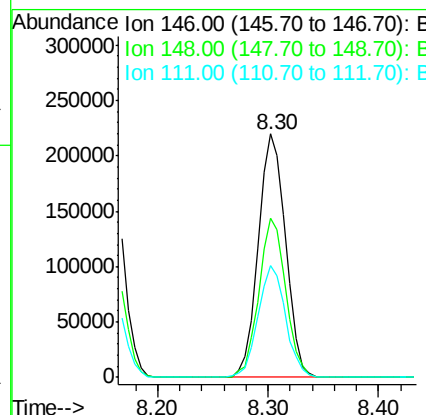
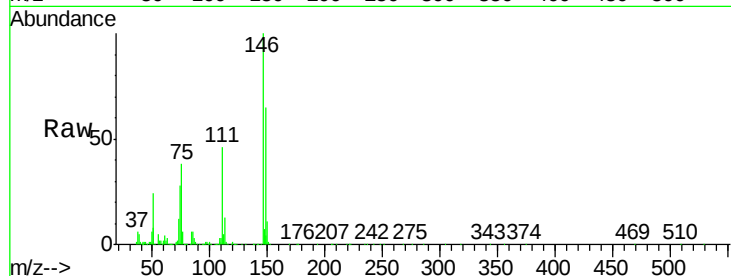
ClientSampleId :

SB-78-14.0-15.0MSD

Tgt	Ion:146	Resp:	381025
Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.2	78.2
111	46.0	37.0	55.6

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#14

1,2-Dichlorobenzene

Concen: 49.16 ng

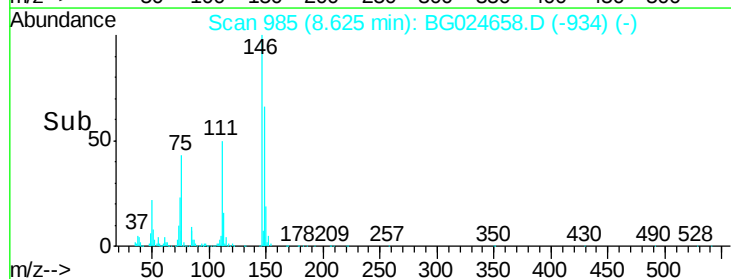
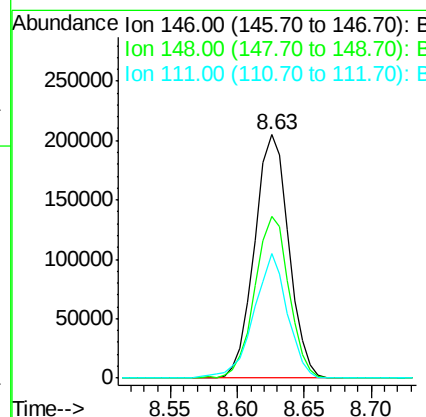
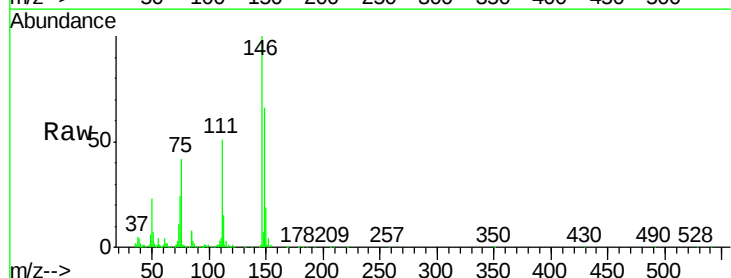
RT: 8.63 min Scan# 985

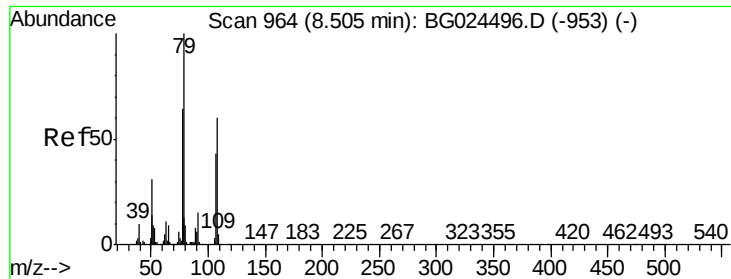
Delta R.T. -0.00 min

Lab File: BG024658.D

Acq: 3 Nov 2016 22:23

Tgt	Ion:146	Resp:	361933
Ion	Ratio	Lower	Upper
146	100		
148	66.2	54.6	81.8
111	51.0	39.7	59.5





#15

Benzyl Alcohol

Concen: 52.64 ng

RT: 8.50 min Scan# 964

Delta R.T. -0.00 min

Lab File: BG024658.D

Acq: 3 Nov 2016 22:23

Instrument :

BNA_G

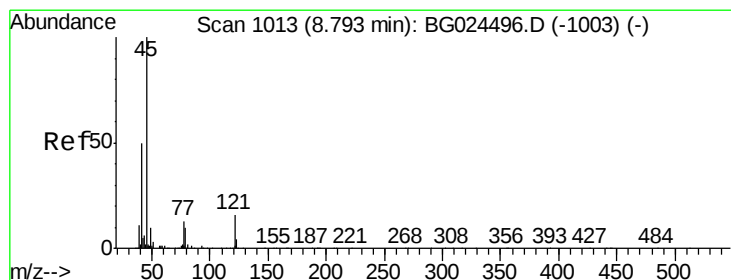
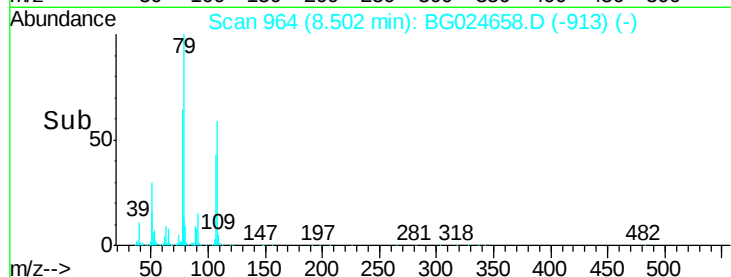
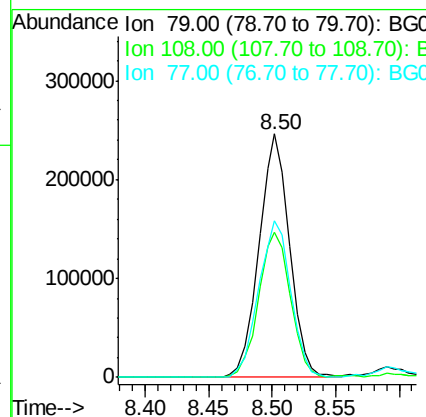
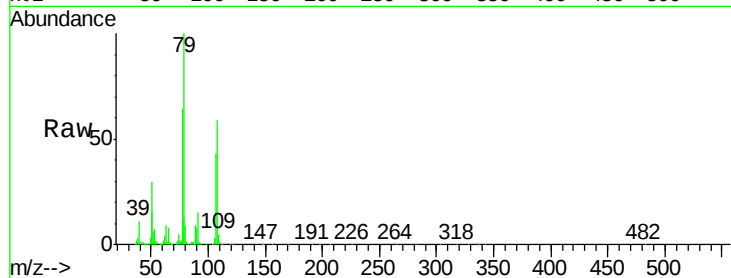
ClientSampleId :

SB-78-14.0-15.0MSD

Tgt Ion:	79	Resp:	413756
Ion Ratio	Lower	Upper	
79	100		
108	59.4	45.5	68.3
77	64.3	54.3	81.5

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 50.36 ng

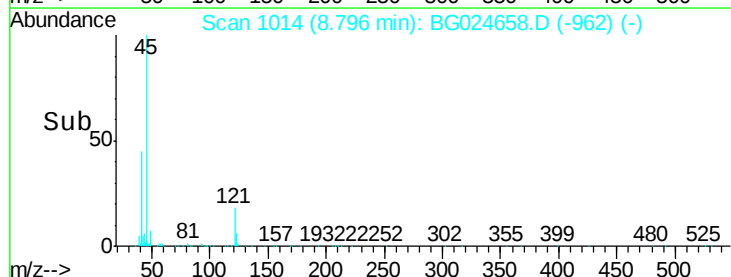
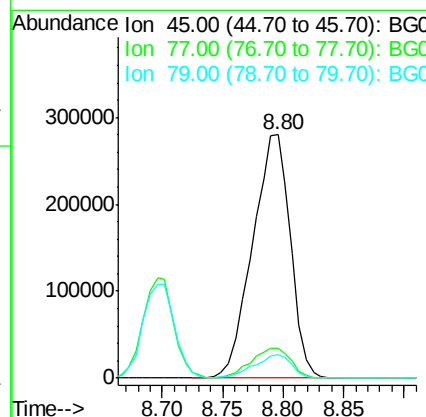
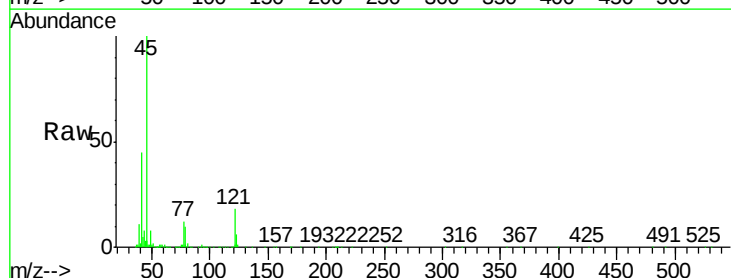
RT: 8.80 min Scan# 1014

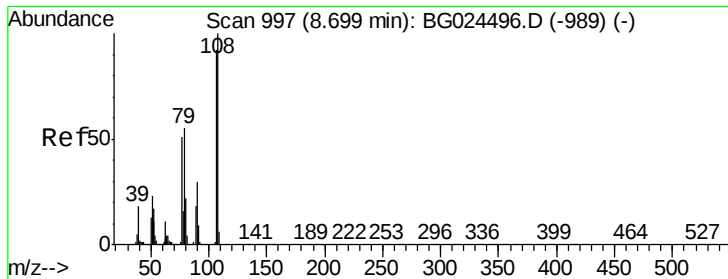
Delta R.T. 0.00 min

Lab File: BG024658.D

Acq: 3 Nov 2016 22:23

Tgt Ion:	45	Resp:	611318
Ion Ratio	Lower	Upper	
45	100		
77	12.5	0.0	30.6
79	9.7	0.0	28.5





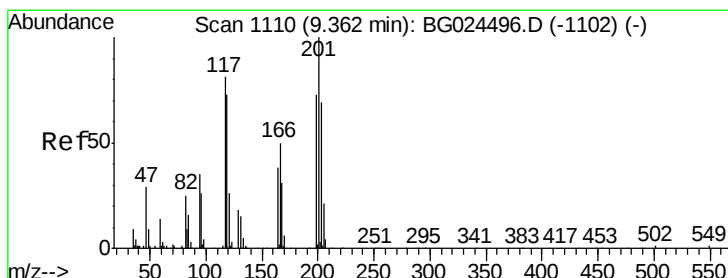
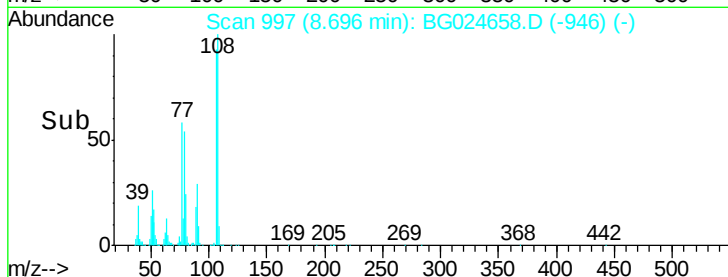
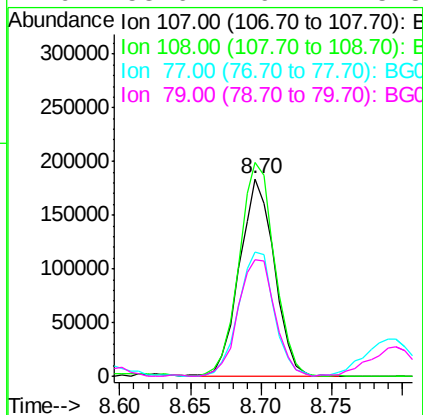
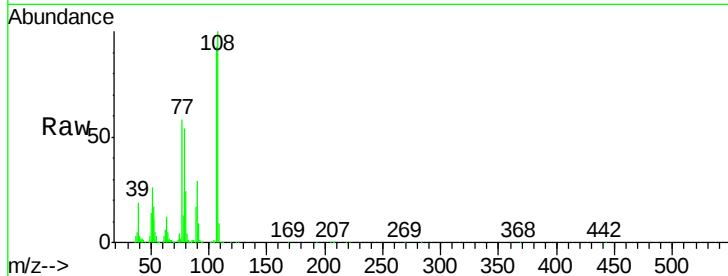
#17
2-Methylphenol
Concen: 54.63 ng
RT: 8.70 min Scan# 997
Delta R.T. -0.00 min
Lab File: BG024658.D
Acq: 3 Nov 2016 22:23

Instrument :
BNA_G
ClientSampleId :
SB-78-14.0-15.0MSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	315289		
108	108.1	85.6	128.4	
77	62.9	51.4	77.2	
79	58.6	49.2	73.8	

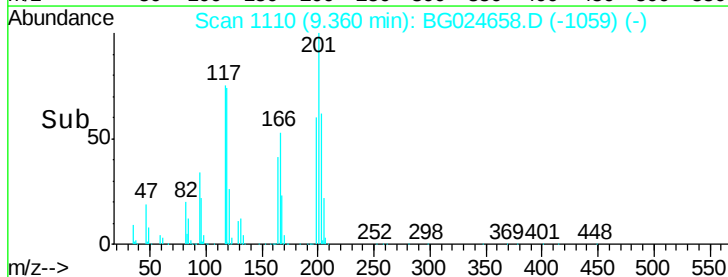
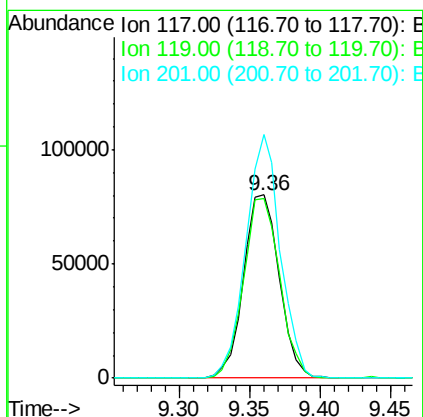
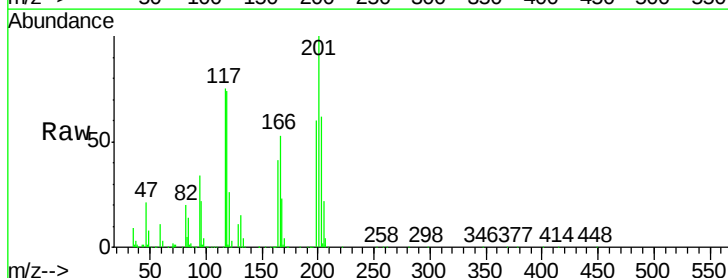
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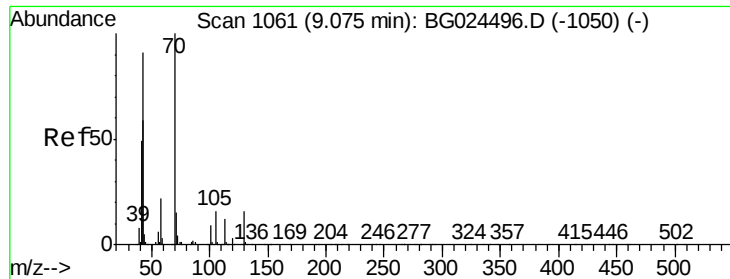
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#18
Hexachloroethane
Concen: 48.69 ng
RT: 9.36 min Scan# 1110
Delta R.T. -0.00 min
Lab File: BG024658.D
Acq: 3 Nov 2016 22:23

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	143310		
119	98.3	69.8	104.6	
201	132.8	95.4	143.0	





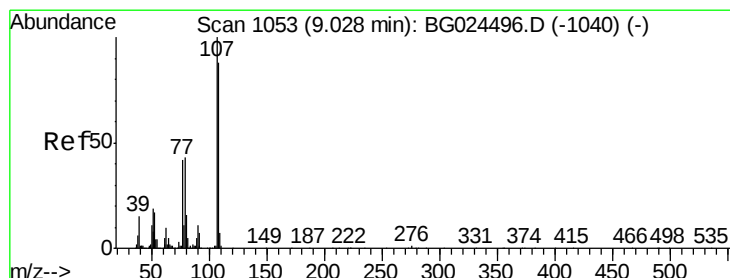
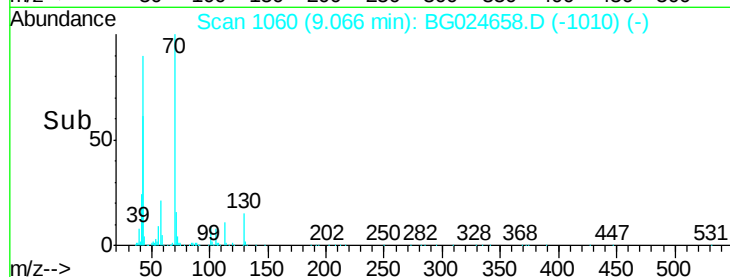
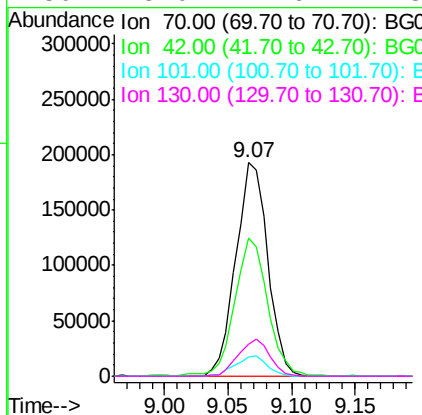
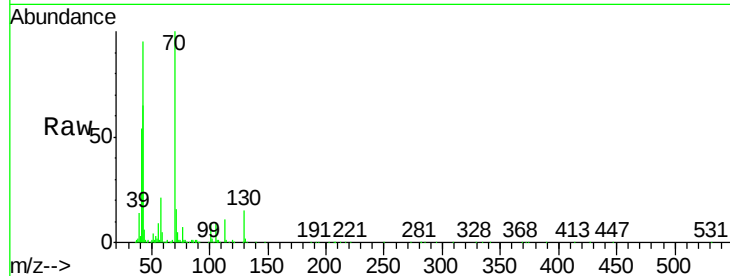
#19
n-Nitroso-di-n-propylamine
Concen: 54.00 ng
RT: 9.07 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BG024658.D
Acq: 3 Nov 2016 22:23

Instrument :
BNA_G
ClientSampleId :
SB-78-14.0-15.0MSD

Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	64.5	56.1	84.1	
101	8.8	7.5	11.3	
130	15.0	14.6	21.8	

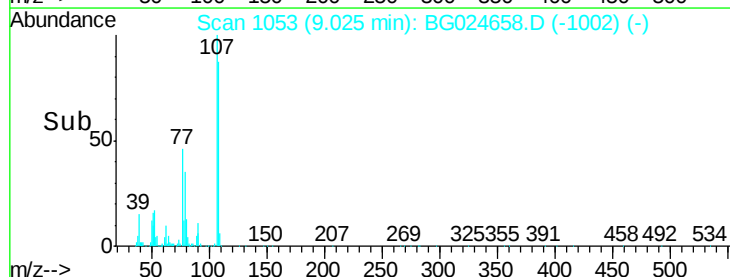
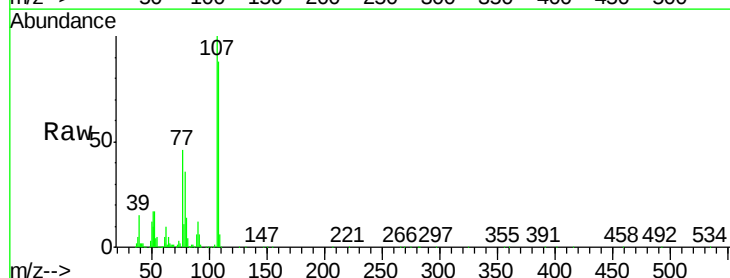
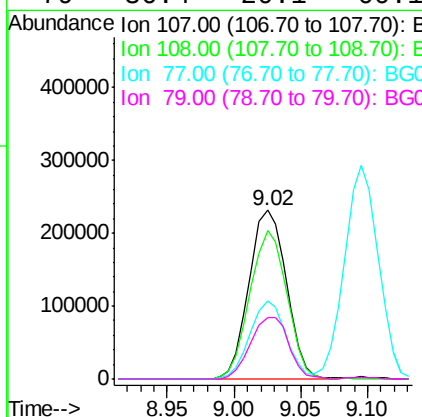
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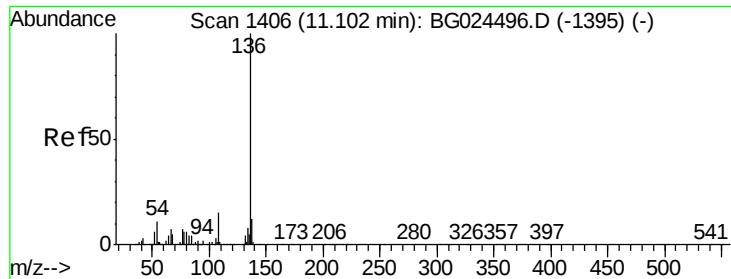
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#20
3+4-Methylphenols
Concen: 58.20 ng
RT: 9.02 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BG024658.D
Acq: 3 Nov 2016 22:23

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.4	70.8	110.8	
77	46.4	25.8	65.8	
79	36.4	20.1	60.1	





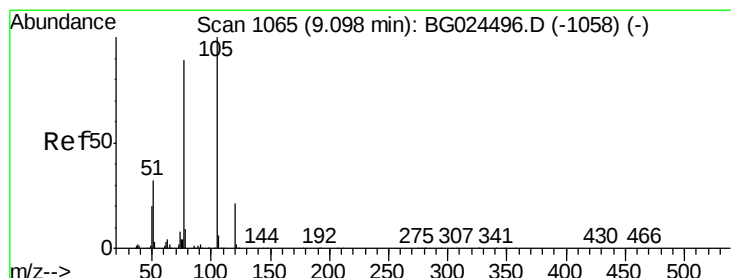
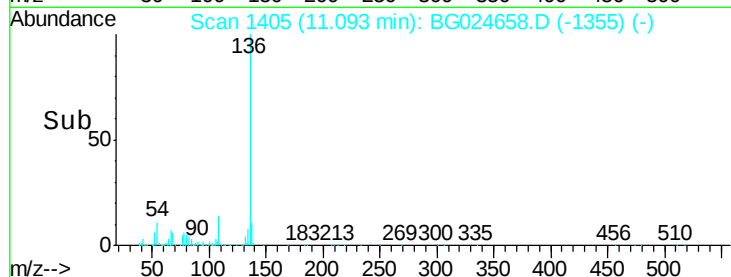
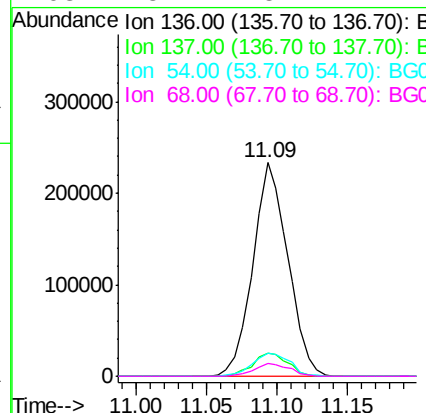
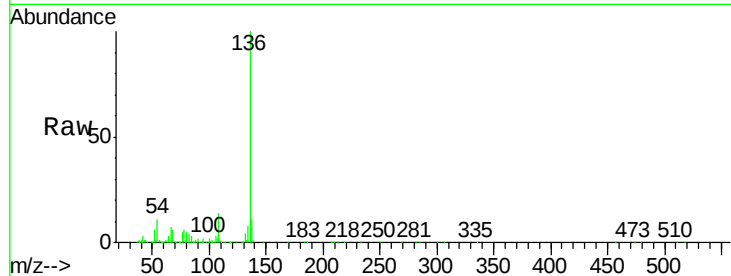
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.09 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BG024658.D
Acq: 3 Nov 2016 22:23

Instrument :
BNA_G
ClientSampleId :
SB-78-14.0-15.0MSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	405416		
137	10.6	8.9	13.3	
54	10.6	9.3	13.9	
68	5.7	5.1	7.7	

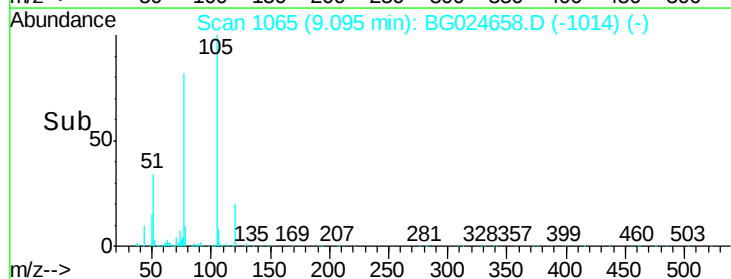
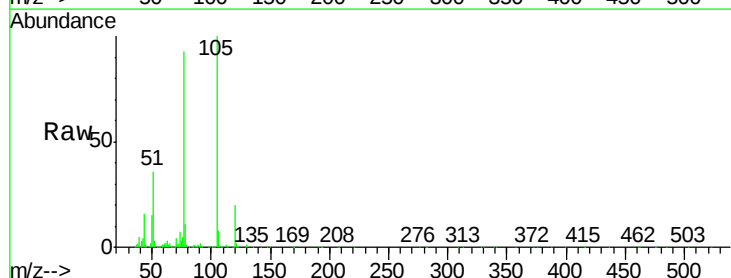
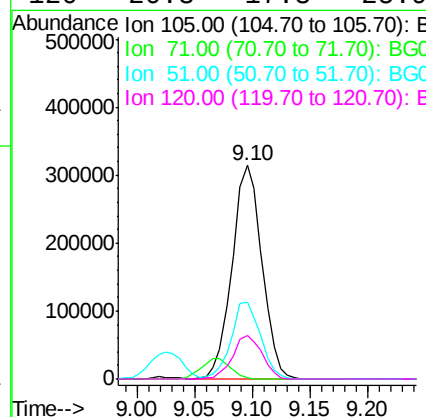
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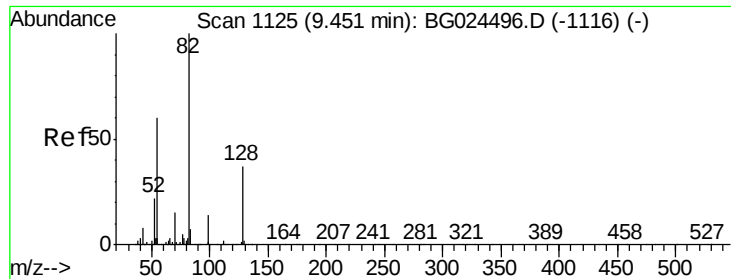
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#22
Acetophenone
Concen: 54.02 ng
RT: 9.10 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BG024658.D
Acq: 3 Nov 2016 22:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	562550		
71	0.8	0.9	1.3#	
51	36.1	34.0	51.0	
120	20.3	17.3	25.9	





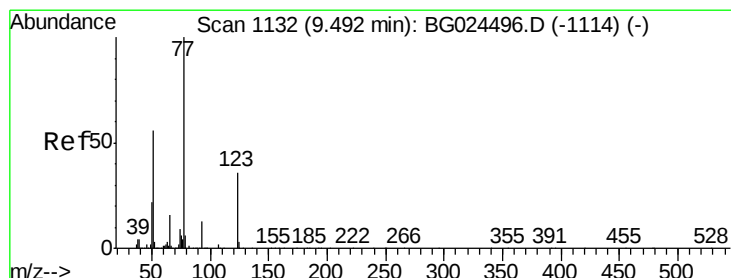
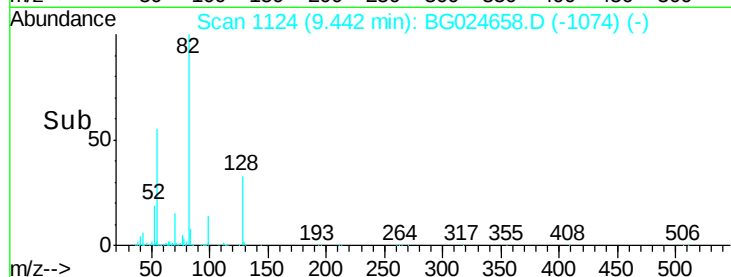
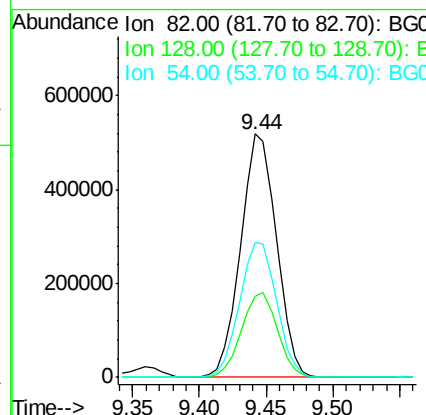
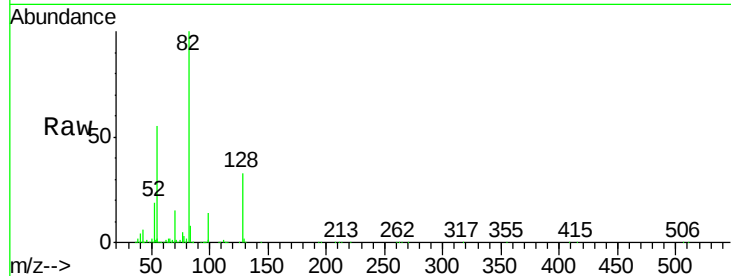
#23
 Nitrobenzene-d5
 Concen: 108.26 ng
 RT: 9.44 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BG024658.D
 Acq: 3 Nov 2016 22:23

Instrument :
 BNA_G
 ClientSampleId :
 SB-78-14.0-15.0MSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.3	26.4	39.6
54	55.4	49.4	74.2

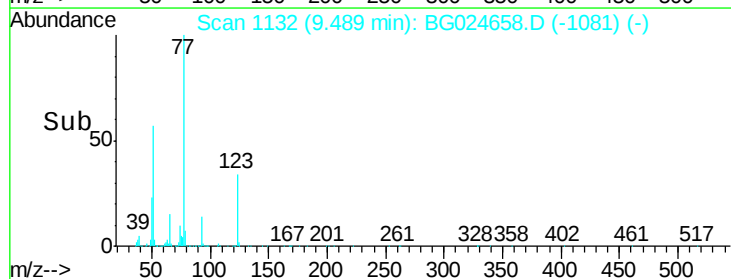
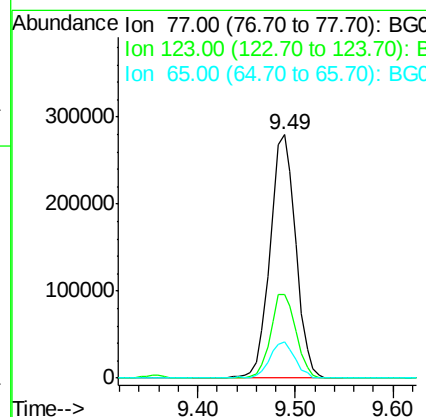
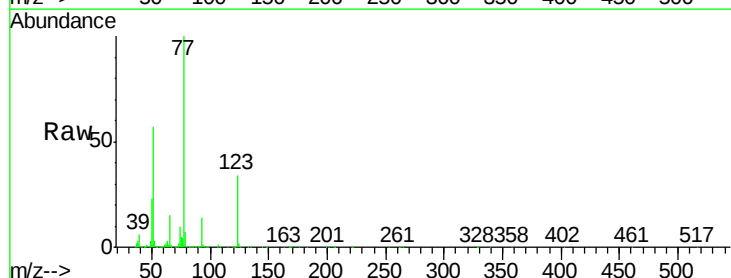
Manual Integrations
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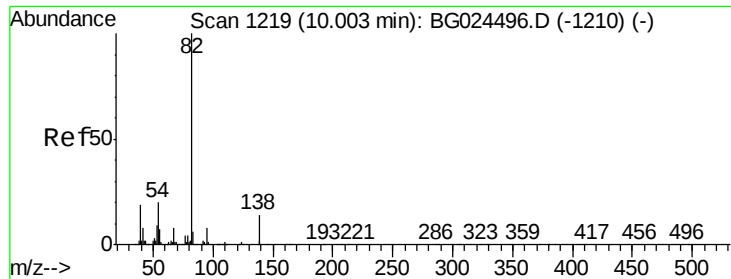
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#24
 Nitrobenzene
 Concen: 52.04 ng
 RT: 9.49 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: BG024658.D
 Acq: 3 Nov 2016 22:23

Tgt Ion	Ratio	Lower	Upper
77	100		
123	34.1	26.1	39.1
65	14.9	12.4	18.6





#25

Isophorone

Concen: 54.18 ng

RT: 10.00 min Scan# 1219

Delta R.T. -0.00 min

Lab File: BG024658.D

Acq: 3 Nov 2016 22:23

Instrument :

BNA_G

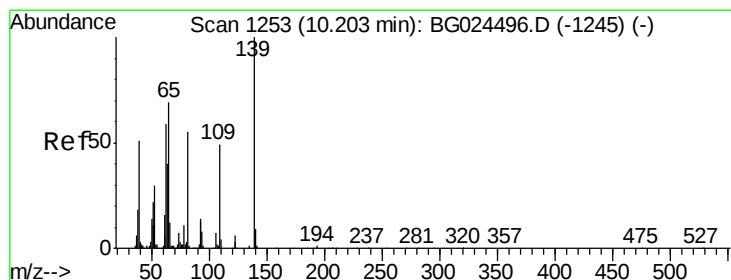
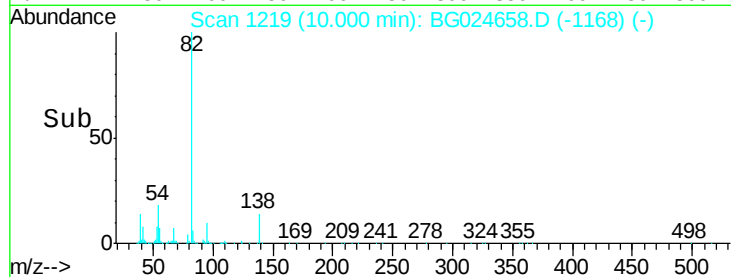
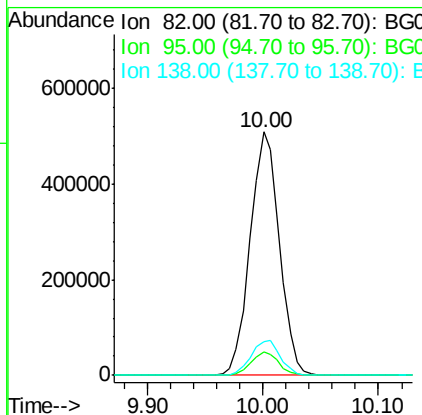
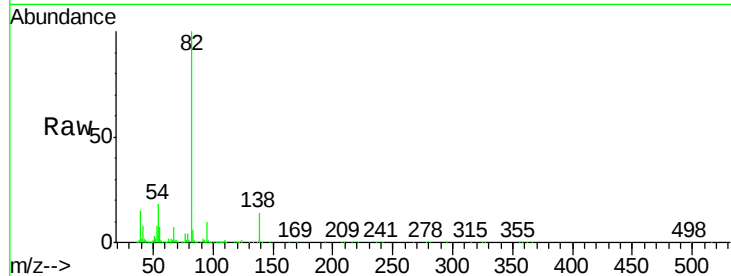
ClientSampleId :

SB-78-14.0-15.0MSD

Tgt Ion:	82	Resp:	897322
Ion Ratio		Lower	Upper
82	100		
95	9.6	7.5	11.3
138	13.8	12.3	18.5

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#26

2-Nitrophenol

Concen: 54.96 ng

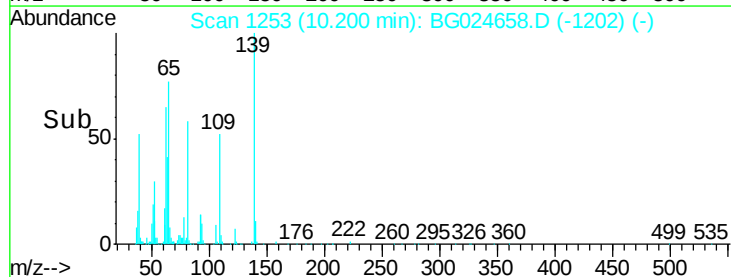
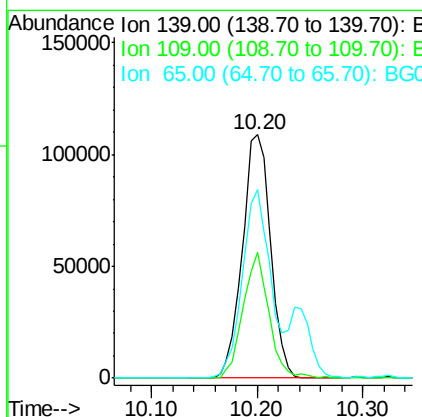
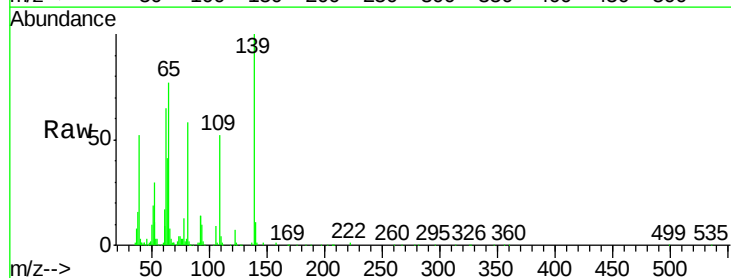
RT: 10.20 min Scan# 1253

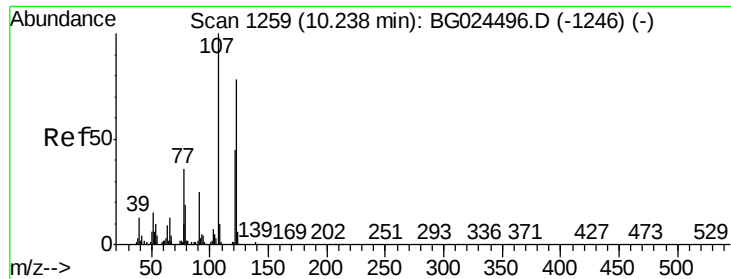
Delta R.T. -0.00 min

Lab File: BG024658.D

Acq: 3 Nov 2016 22:23

Tgt Ion:	139	Resp:	202070
Ion Ratio		Lower	Upper
139	100		
109	51.9	38.6	58.0
65	77.3	57.1	85.7





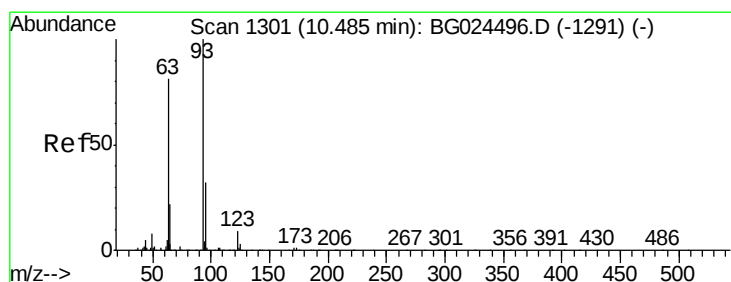
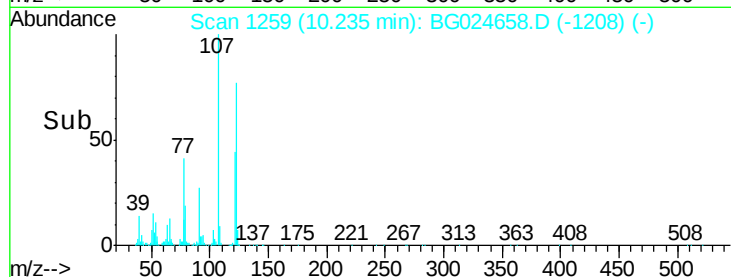
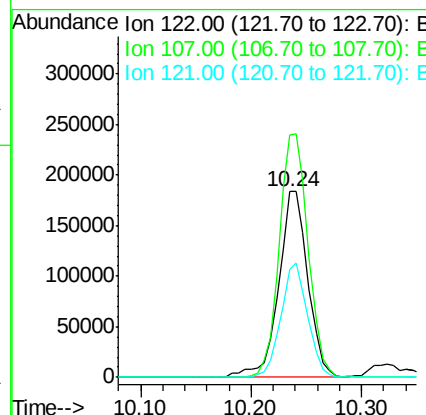
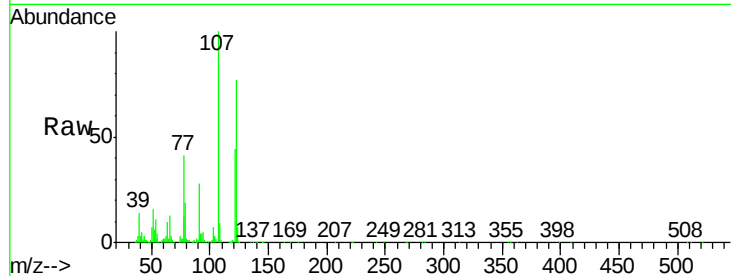
#27
 2,4-Dimethylphenol
 Concen: 52.32 ng
 RT: 10.24 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: BG024658.D
 Acq: 3 Nov 2016 22:23

Instrument :
 BNA_G
 ClientSampleId :
 SB-78-14.0-15.0MSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	336798		
107	130.6	104.2	156.4	
121	58.0	46.0	69.0	

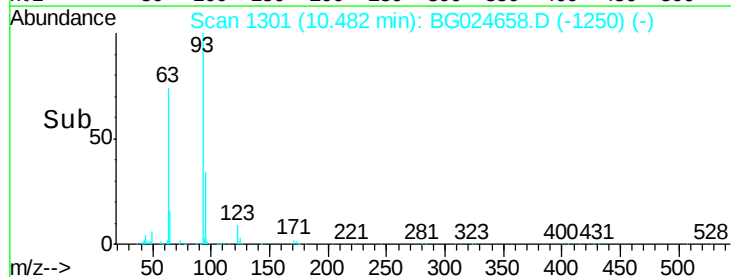
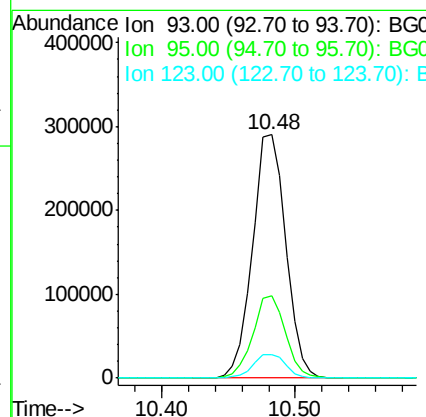
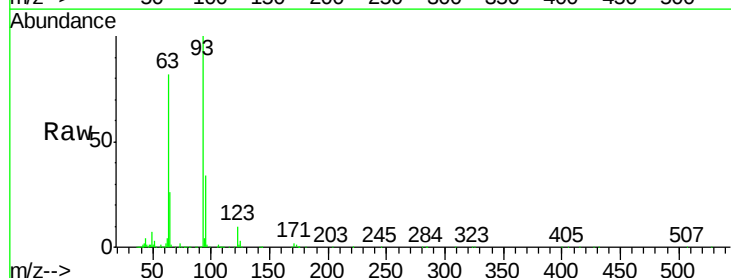
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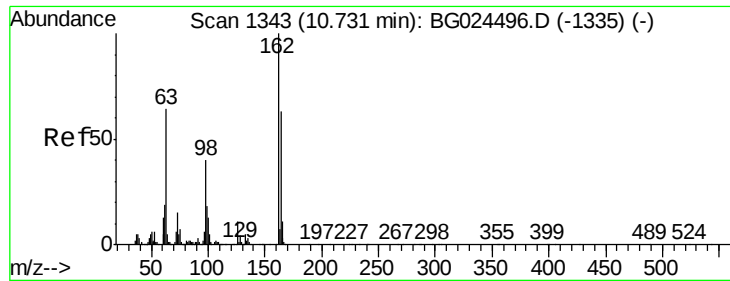
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#28
 bis(2-Chloroethoxy)methane
 Concen: 58.06 ng
 RT: 10.48 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: BG024658.D
 Acq: 3 Nov 2016 22:23

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	497546		
95	33.9	25.7	38.5	
123	9.8	8.3	12.5	





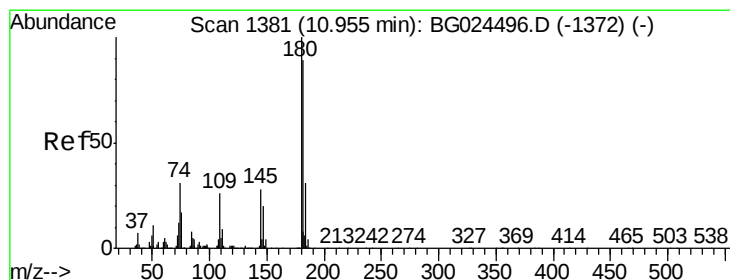
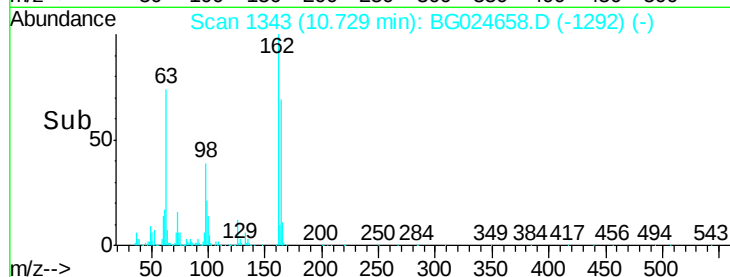
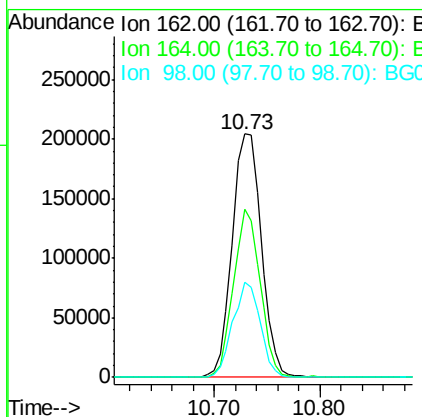
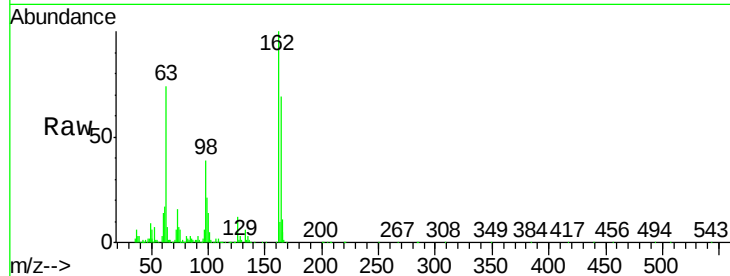
#29
2,4-Dichlorophenol
Concen: 57.80 ng
RT: 10.73 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG024658.D
Acq: 3 Nov 2016 22:23

Instrument :
BNA_G
ClientSampleId :
SB-78-14.0-15.0MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	69.1	42.4	82.4
98	38.8	20.3	60.3

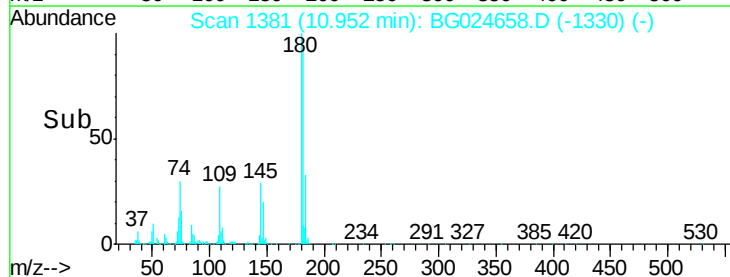
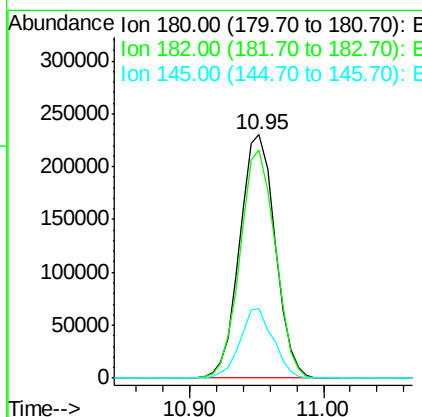
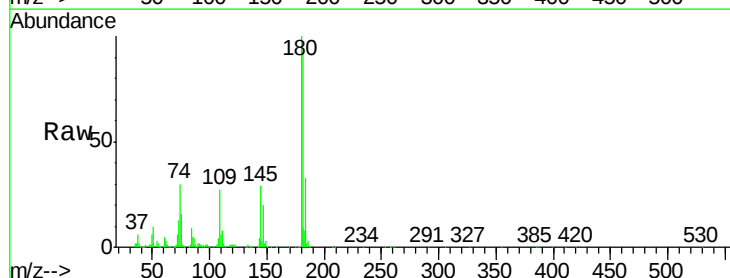
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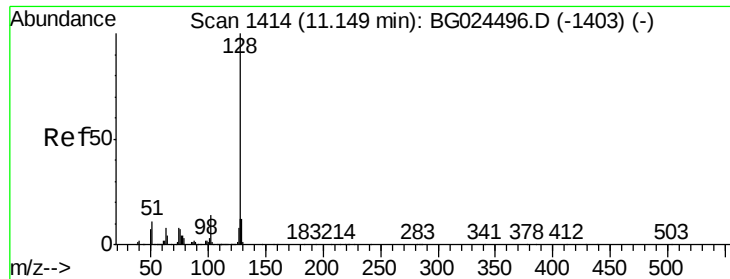
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#30
1,2,4-Trichlorobenzene
Concen: 52.53 ng
RT: 10.95 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BG024658.D
Acq: 3 Nov 2016 22:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	93.5	77.0	115.4
145	28.6	23.4	35.0





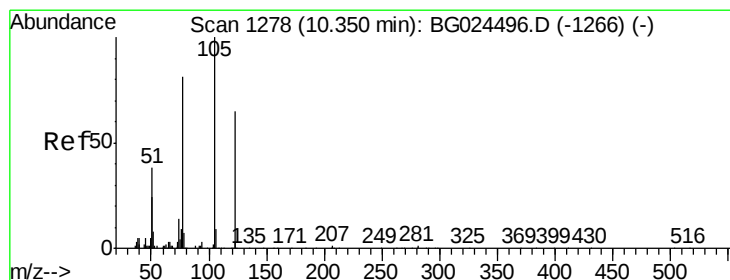
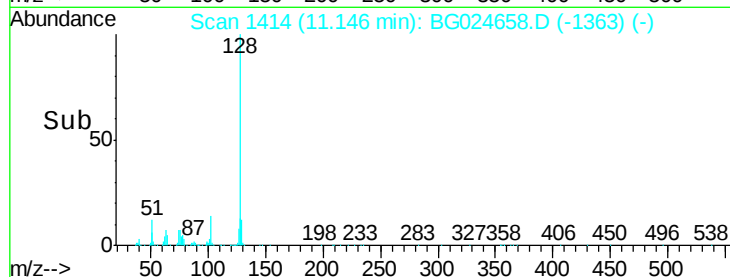
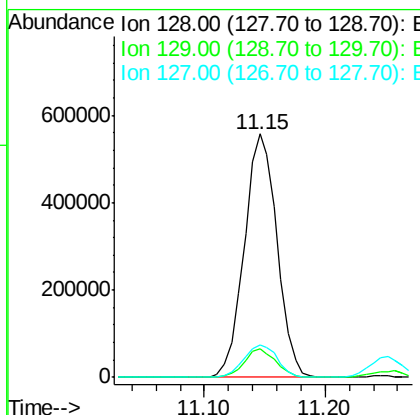
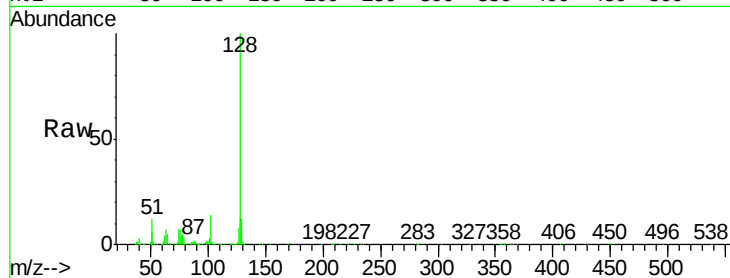
#31
Naphthalene
Concen: 51.82 ng
RT: 11.15 min Scan# 1414
Delta R.T. -0.00 min
Lab File: BG024658.D
Acq: 3 Nov 2016 22:23

Instrument :
BNA_G
ClientSampleId :
SB-78-14.0-15.0MSD

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.3	13.9
127	13.3	11.4	17.0

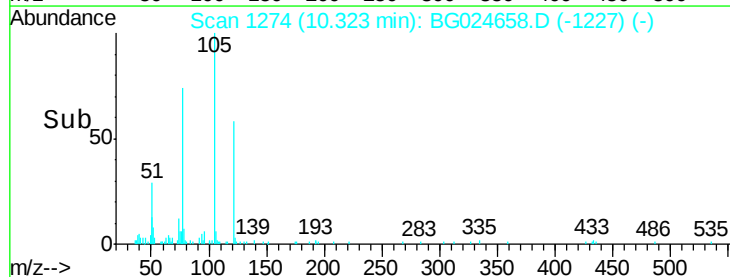
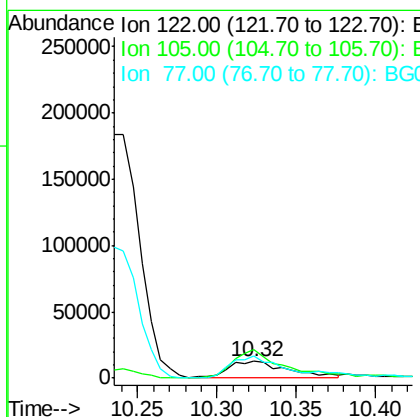
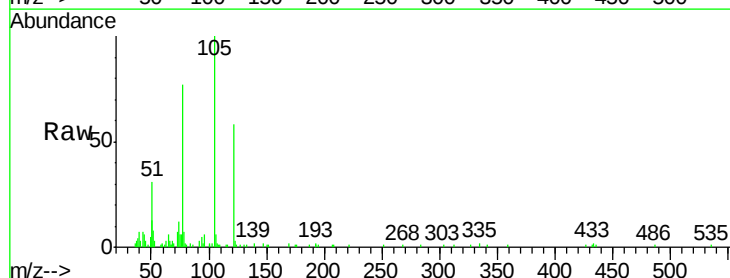
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#32
Benzoic acid
Concen: 5.77 ng
RT: 10.32 min Scan# 1274
Delta R.T. -0.03 min
Lab File: BG024658.D
Acq: 3 Nov 2016 22:23

Tgt Ion	Ratio	Lower	Upper
122	100		
105	171.6	120.1	160.1#
77	132.8	104.6	144.6





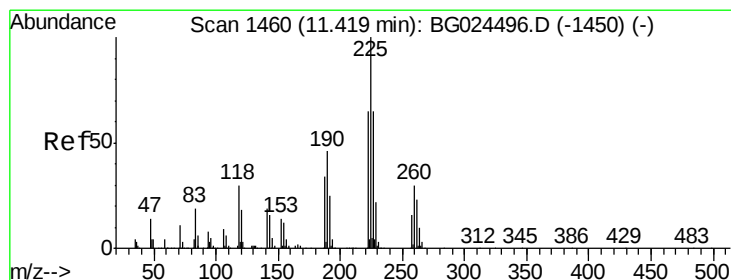
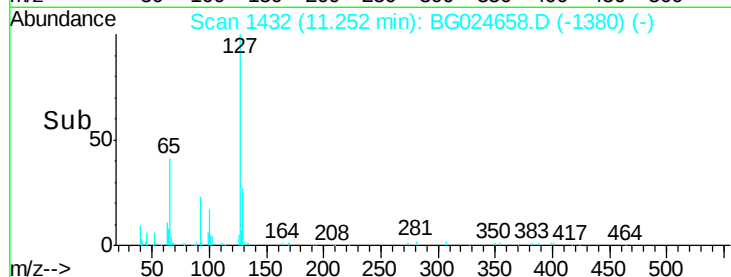
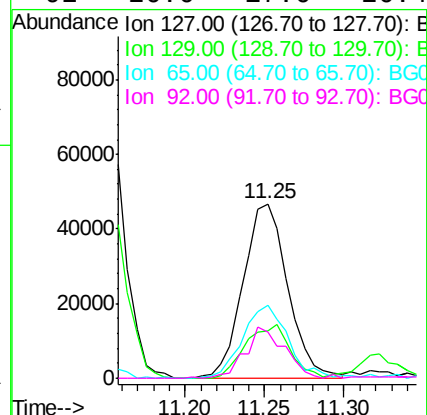
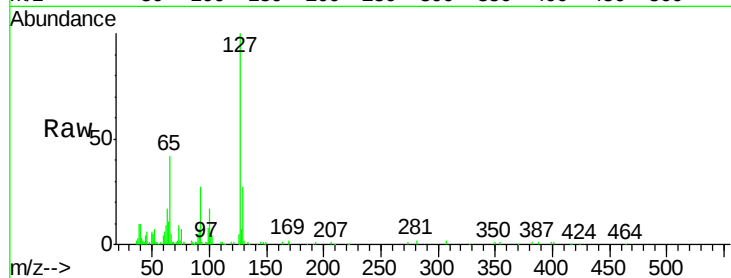
#33
4-Chloroaniline
Concen: 10.41 ng
RT: 11.25 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BG024658.D
Acq: 3 Nov 2016 22:23

Instrument :
BNA_G
ClientSampleId :
SB-78-14.0-15.0MSD

Tgt Ion	Ratio	Lower	Upper
127	100		
129	27.2	23.6	35.4
65	42.0	37.7	56.5
92	26.6	17.6	26.4

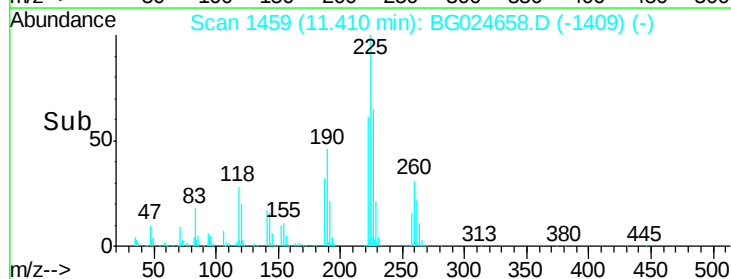
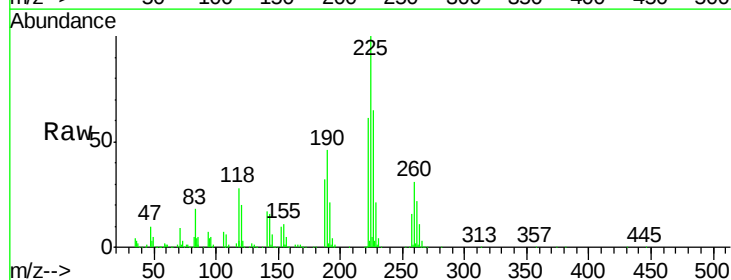
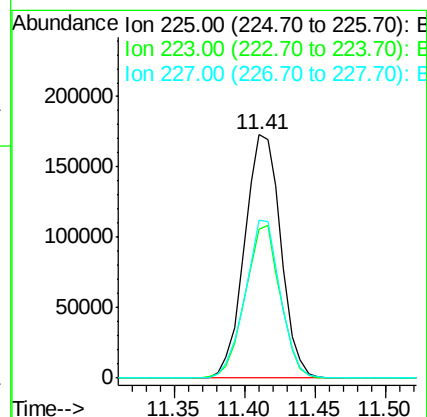
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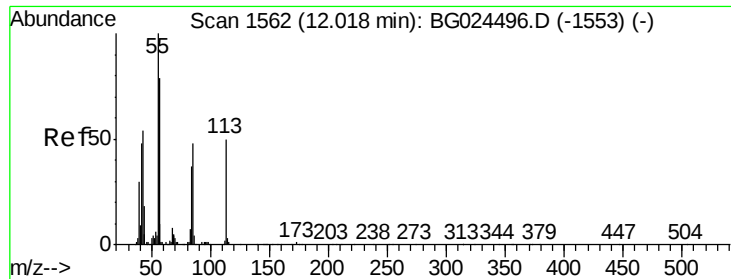
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#34
Hexachlorobutadiene
Concen: 49.58 ng
RT: 11.41 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BG024658.D
Acq: 3 Nov 2016 22:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.0	50.7	76.1
227	64.8	49.0	73.6





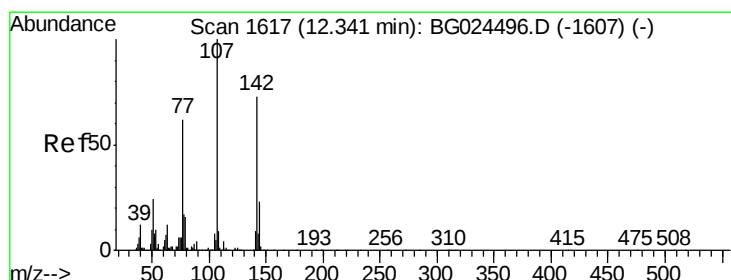
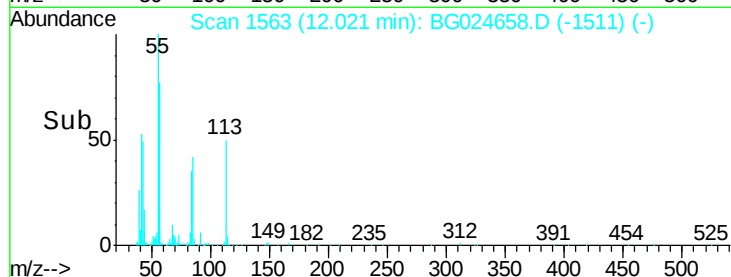
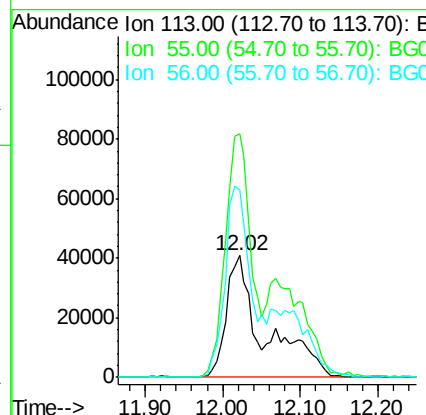
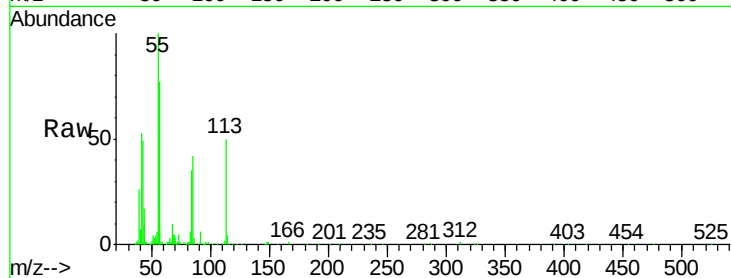
#35
 Caprolactam
 Concen: 55.53 ng m
 RT: 12.02 min Scan# 1563
 Delta R.T. 0.00 min
 Lab File: BG024658.D
 Acq: 3 Nov 2016 22:23

Instrument :
 BNA_G
 ClientSampleId :
 SB-78-14.0-15.0MSD

Tgt Ion	Ratio	Lower	Upper
113	100		
55	200.3	198.6	238.6
56	154.6	140.4	180.4

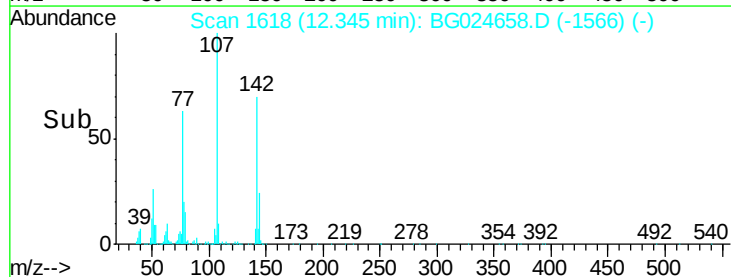
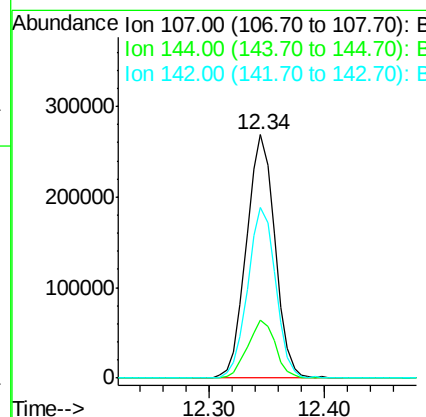
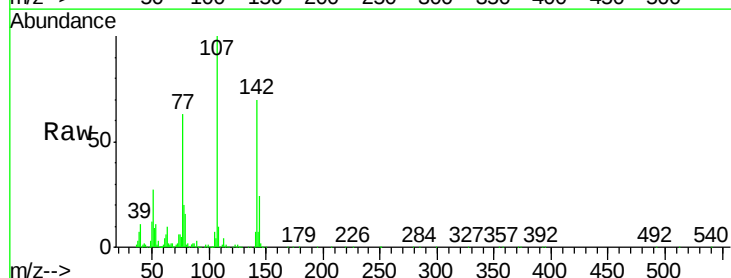
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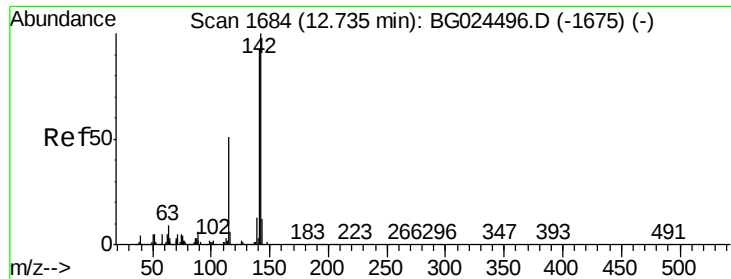
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#36
 4-Chloro-3-methylphenol
 Concen: 56.60 ng
 RT: 12.34 min Scan# 1618
 Delta R.T. 0.00 min
 Lab File: BG024658.D
 Acq: 3 Nov 2016 22:23

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.6	17.4	26.0
142	70.1	54.1	81.1





#37

2-Methylnaphthalene

Concen: 52.79 ng

RT: 12.73 min Scan# 1684

Delta R.T. -0.00 min

Lab File: BG024658.D

Acq: 3 Nov 2016 22:23

Instrument :

BNA_G

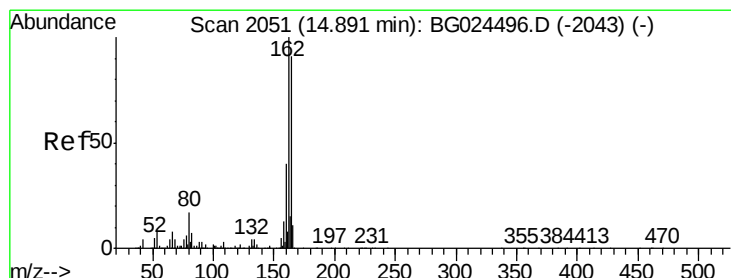
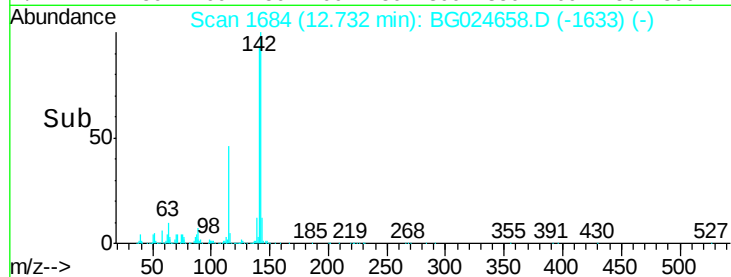
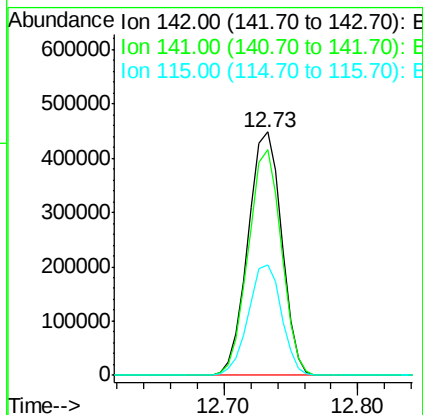
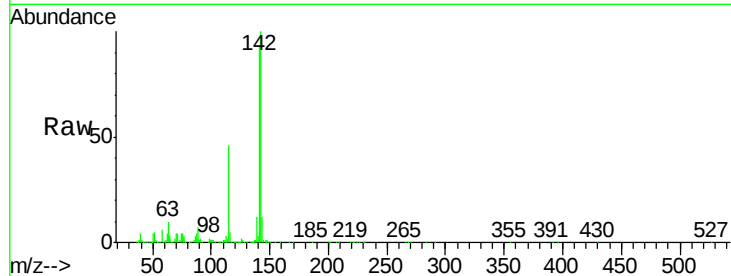
ClientSampleId :

SB-78-14.0-15.0MSD

Tgt Ion:	142	Resp:	778913
Ion Ratio	Lower	Upper	
142	100		
141	92.6	70.4	105.6
115	45.6	35.5	53.3

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#38

Acenaphthene-d10

Concen: 20.00 ng

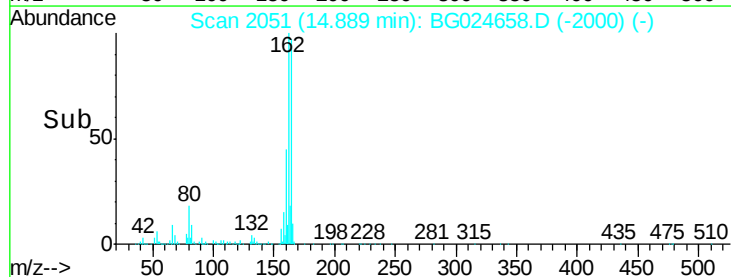
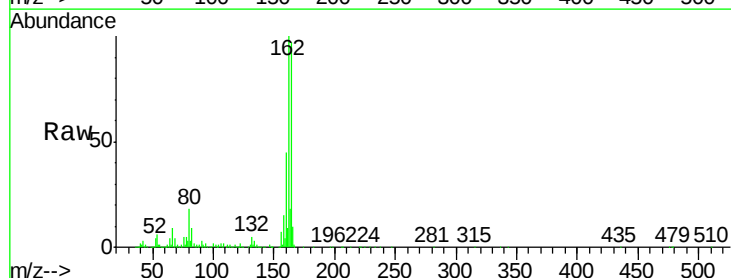
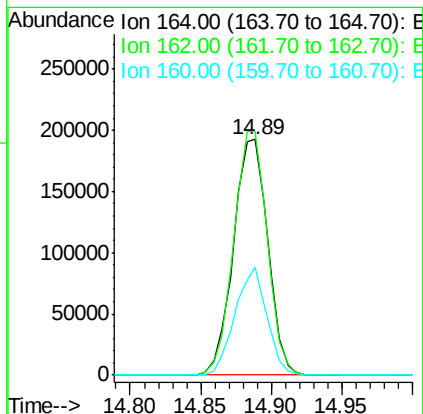
RT: 14.89 min Scan# 2051

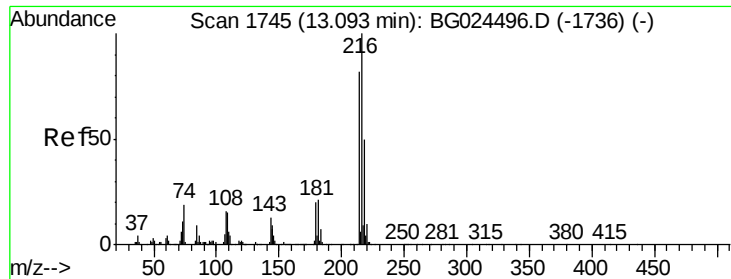
Delta R.T. -0.00 min

Lab File: BG024658.D

Acq: 3 Nov 2016 22:23

Tgt Ion:	164	Resp:	326625
Ion Ratio	Lower	Upper	
164	100		
162	103.4	85.1	127.7
160	46.1	34.7	52.1





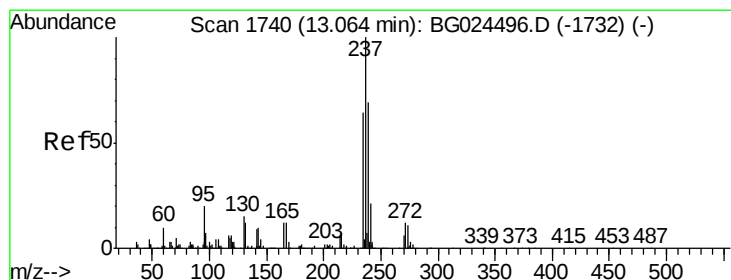
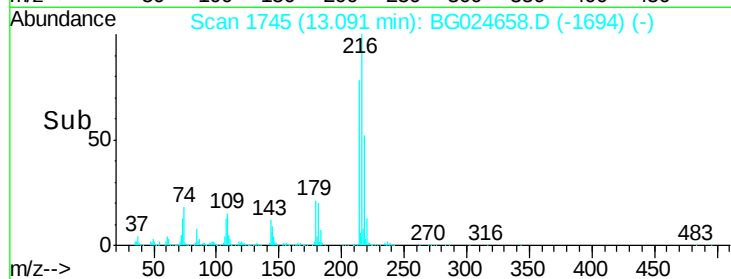
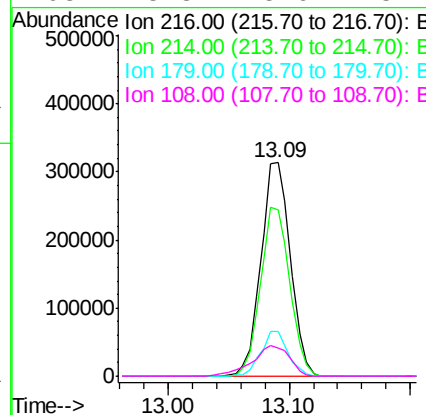
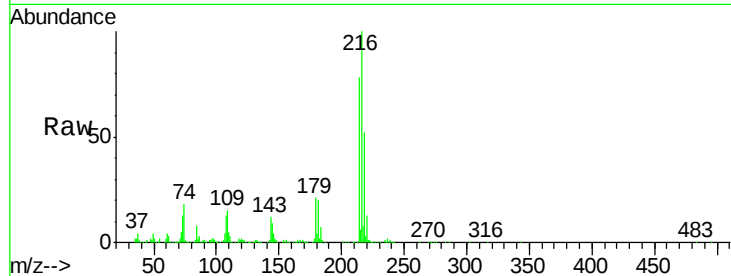
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.22 ng
 RT: 13.09 min Scan# 1745
 Delta R.T. -0.00 min
 Lab File: BG024658.D
 Acq: 3 Nov 2016 22:23

Instrument :
 BNA_G
 ClientSampleId :
 SB-78-14.0-15.0MSD

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	531216		
214	78.3	64.4	96.6	
179	19.5	17.4	26.0	
108	18.3	15.6	23.4	

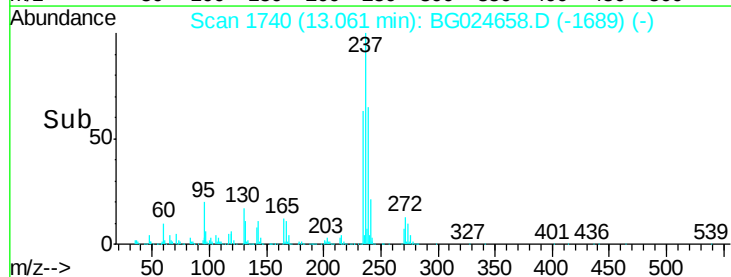
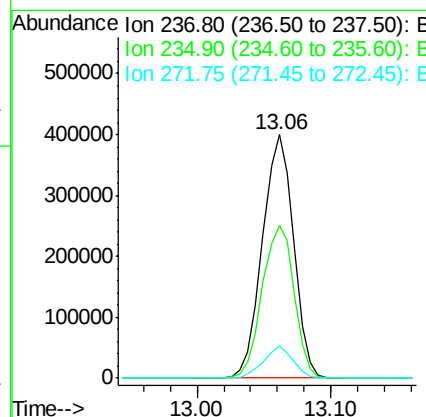
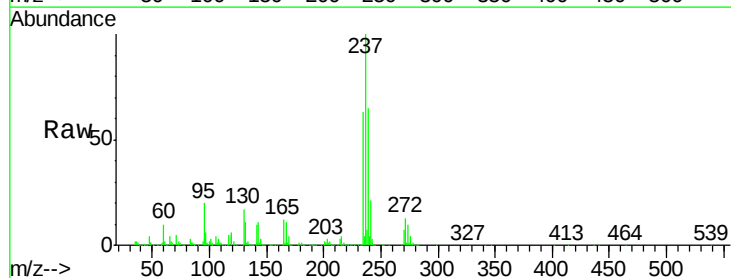
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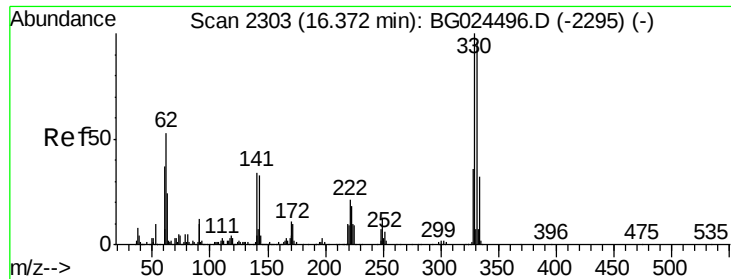
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#40
 Hexachlorocyclopentadiene
 Concen: 103.63 ng
 RT: 13.06 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG024658.D
 Acq: 3 Nov 2016 22:23

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	642928		
235	62.6	39.4	79.4	
272	13.4	0.0	32.0	





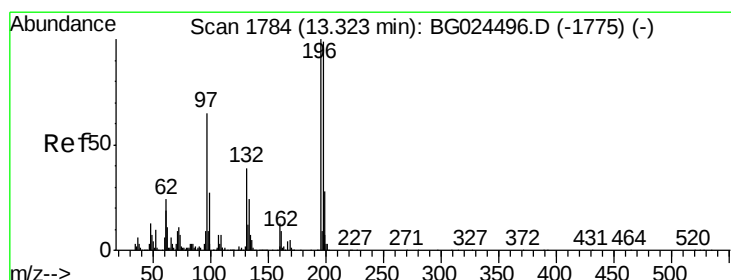
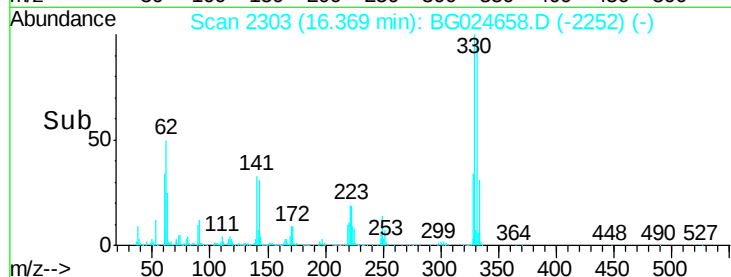
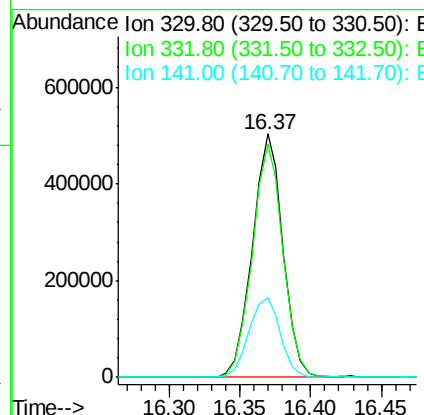
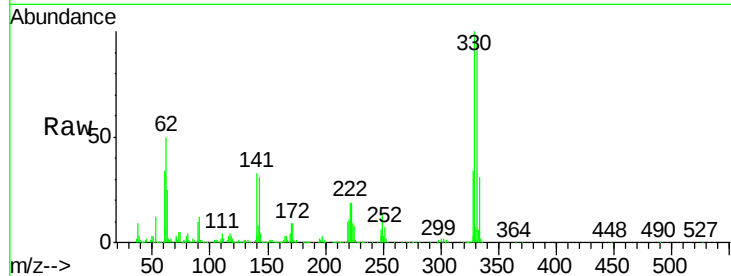
#41
 2,4,6-Tribromophenol
 Concen: 156.25 ng
 RT: 16.37 min Scan# 2303
 Delta R.T. -0.00 min
 Lab File: BG024658.D
 Acq: 3 Nov 2016 22:23

Instrument :
 BNA_G
 ClientSampleId :
 SB-78-14.0-15.0MSD

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.3	115.9
141	33.6	32.1	48.1

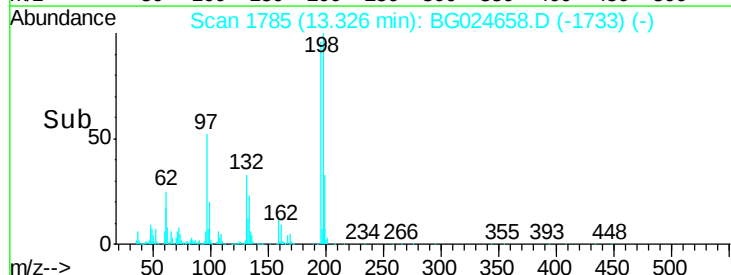
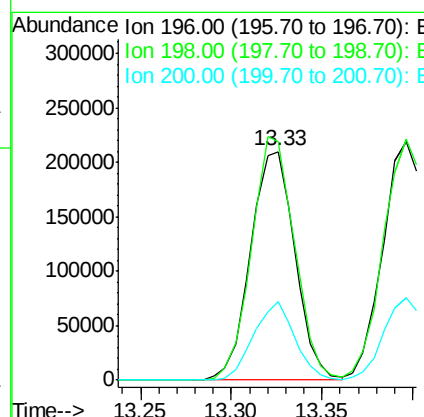
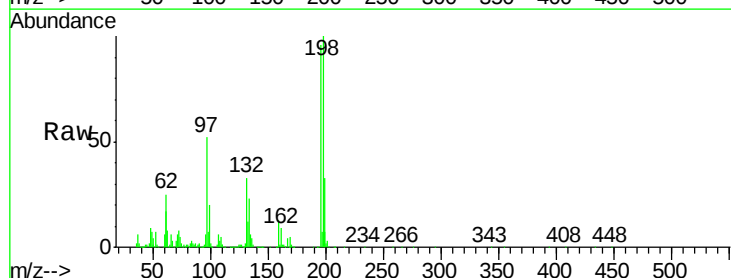
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#42
 2,4,6-Trichlorophenol
 Concen: 54.04 ng
 RT: 13.33 min Scan# 1785
 Delta R.T. 0.00 min
 Lab File: BG024658.D
 Acq: 3 Nov 2016 22:23

Tgt Ion	Ratio	Lower	Upper
196	100		
198	104.3	81.4	122.2
200	34.2	27.0	40.6





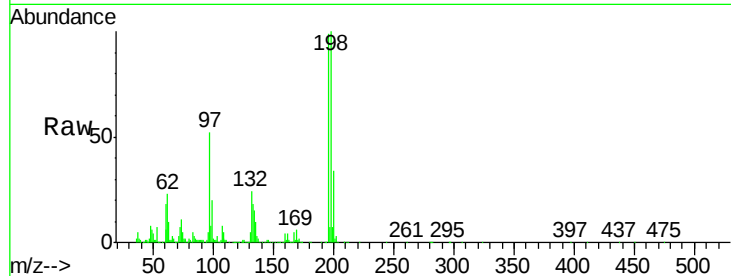
#43
2,4,5-Trichlorophenol
Concen: 52.94 ng
RT: 13.40 min Scan# 1797
Delta R.T. 0.00 min
Lab File: BG024658.D
Acq: 3 Nov 2016 22:23

Instrument :
BNA_G
ClientSampleId :
SB-78-14.0-15.0MSD

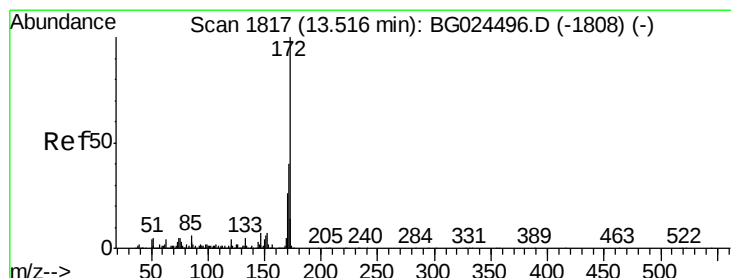
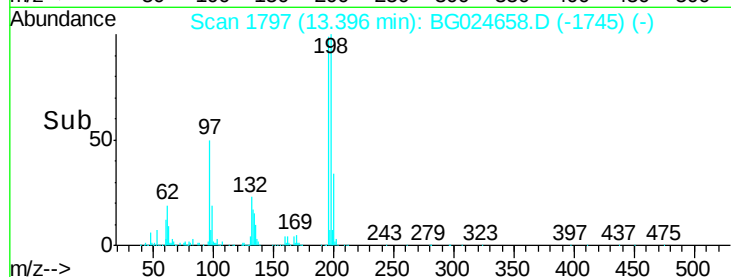
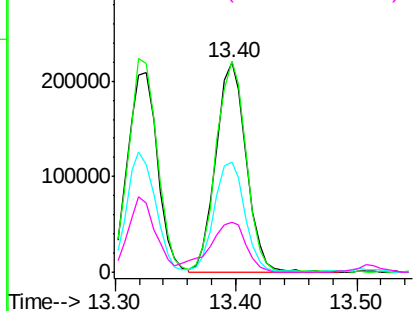
Tgt	Ion	Resp	Lower	Upper
196	100			
198	100.8	79.9	119.9	
97	52.5	45.4	68.0	
132	24.1	20.7	31.1	

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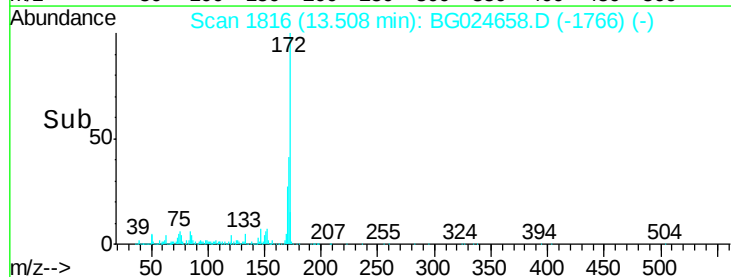
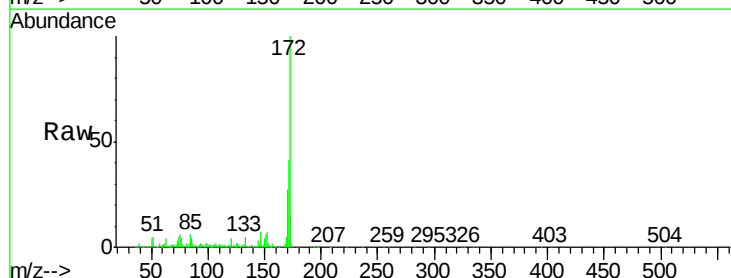
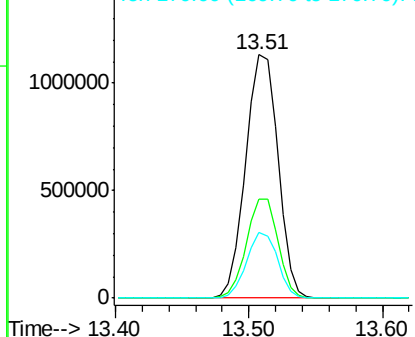
Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BG
Ion 132.00 (131.70 to 132.70): E

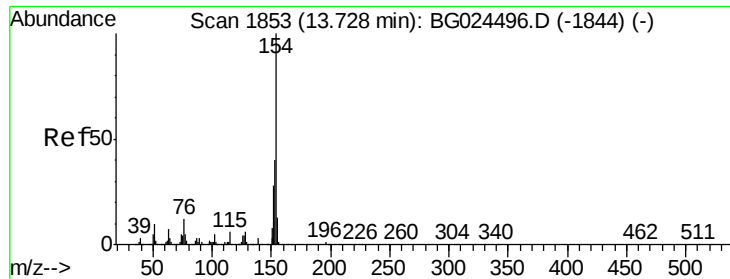


#44
2-Fluorobiphenyl
Concen: 96.24 ng
RT: 13.51 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BG024658.D
Acq: 3 Nov 2016 22:23

Tgt	Ion	Resp	Lower	Upper
172	100			
171	40.8	32.2	48.2	
170	26.8	21.8	32.6	

Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





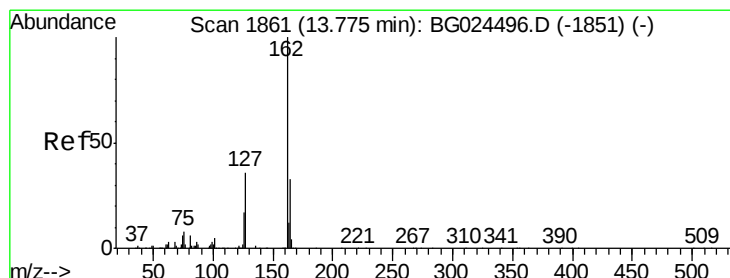
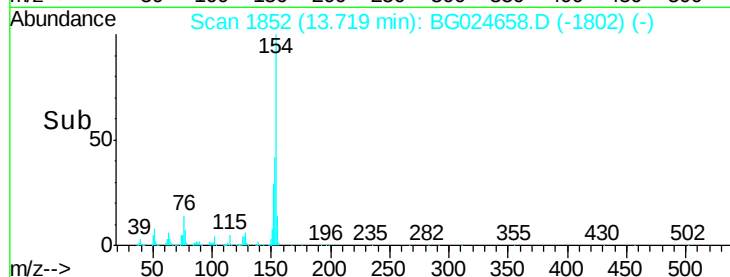
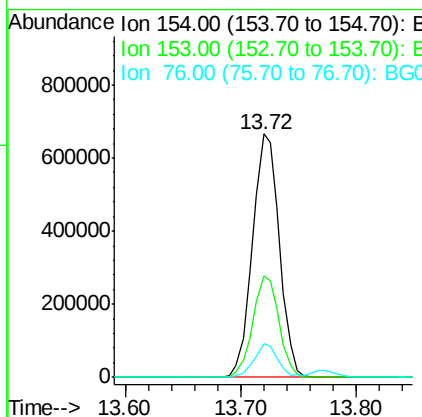
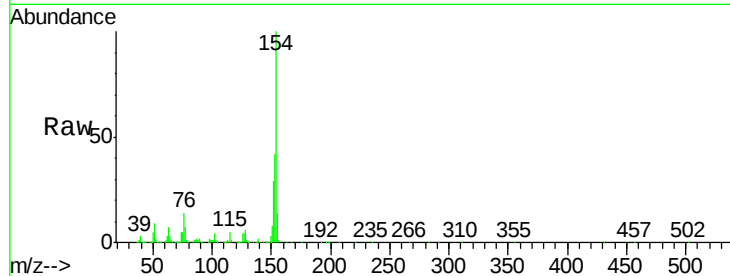
#45
1,1'-Biphenyl
Concen: 47.41 ng
RT: 13.72 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BG024658.D
Acq: 3 Nov 2016 22:23

Instrument :
BNA_G
ClientSampleId :
SB-78-14.0-15.0MSD

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	23.0	63.0
76	13.8	0.0	33.5

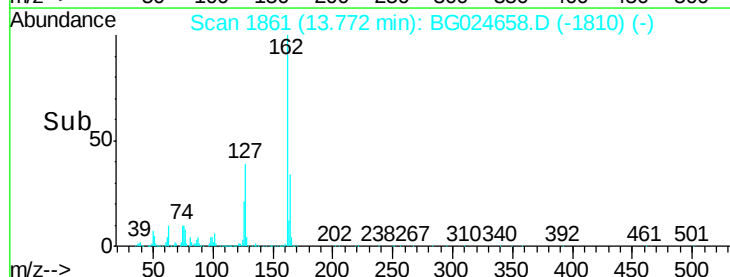
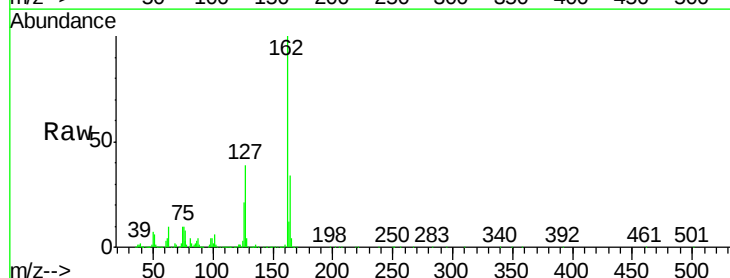
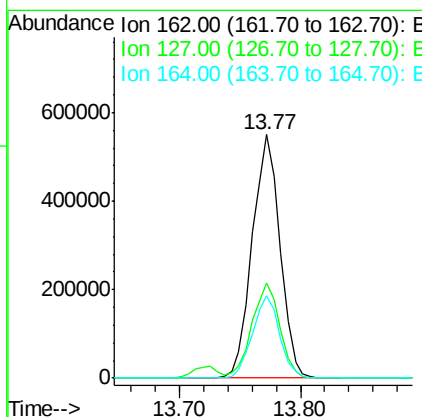
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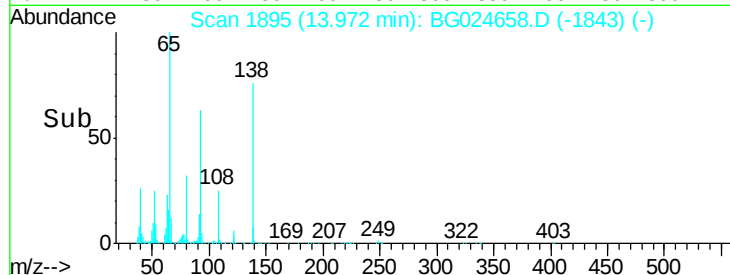
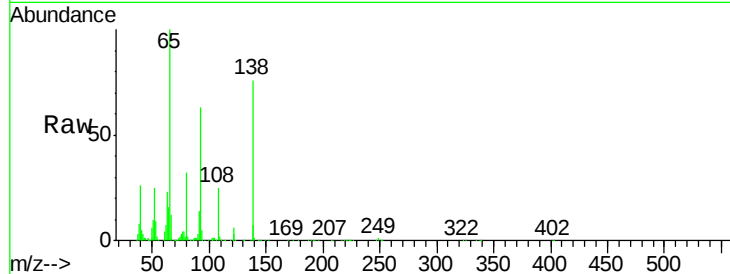
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#46
2-Chloronaphthalene
Concen: 50.86 ng
RT: 13.77 min Scan# 1861
Delta R.T. -0.00 min
Lab File: BG024658.D
Acq: 3 Nov 2016 22:23

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.3	32.2	48.4
164	34.0	27.3	40.9





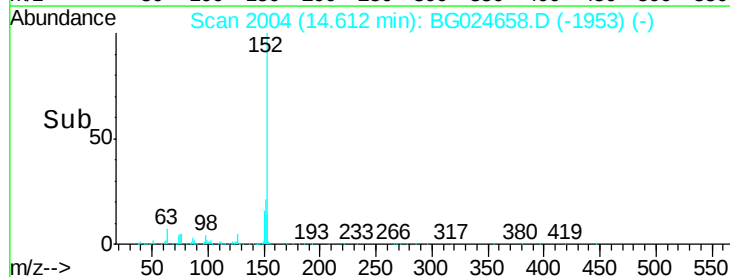
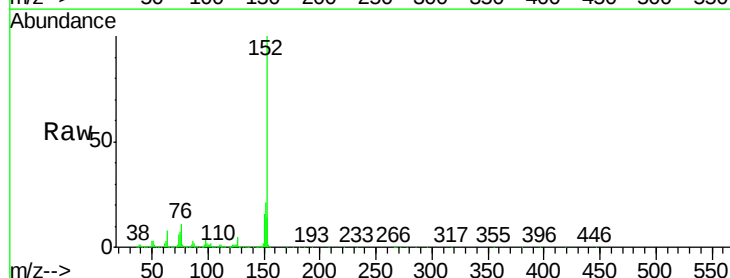
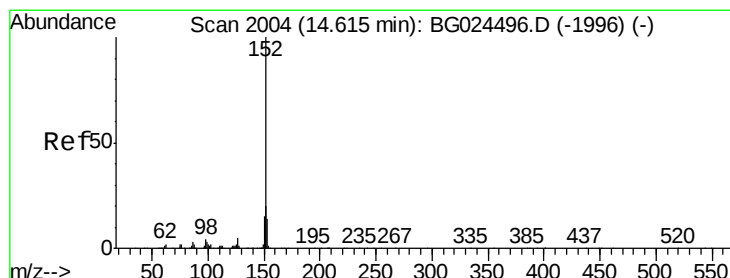
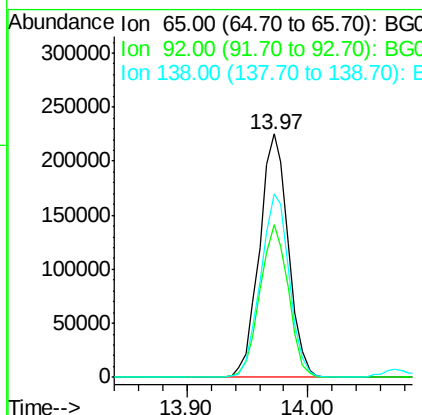
#47
 2-Nitroaniline
 Concen: 52.94 ng
 RT: 13.97 min Scan# 1895
 Delta R.T. 0.00 min
 Lab File: BG024658.D
 Acq: 3 Nov 2016 22:23

Instrument :
 BNA_G
 ClientSampleId :
 SB-78-14.0-15.0MSD

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.7	49.0	73.4
138	75.5	58.6	87.8

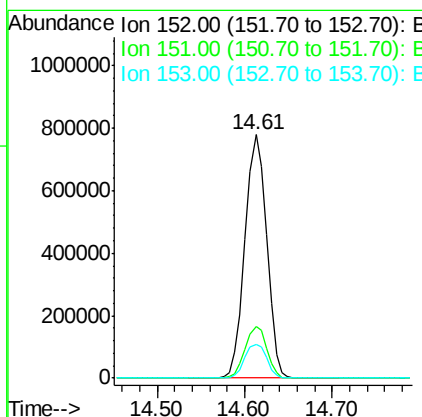
Manual Integrations
 APPROVED

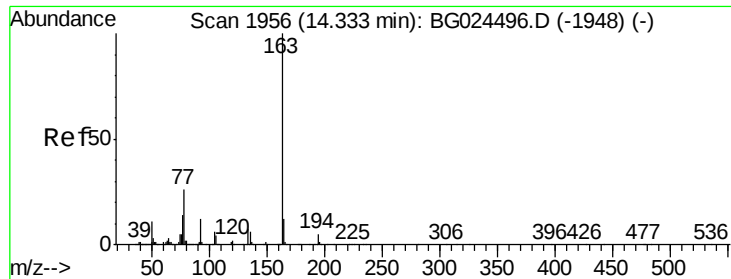
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#48
 Acenaphthylene
 Concen: 49.05 ng
 RT: 14.61 min Scan# 2004
 Delta R.T. -0.00 min
 Lab File: BG024658.D
 Acq: 3 Nov 2016 22:23

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.4	18.2	27.2
153	13.9	11.3	16.9





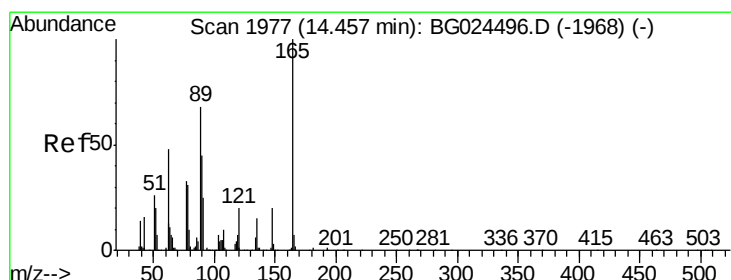
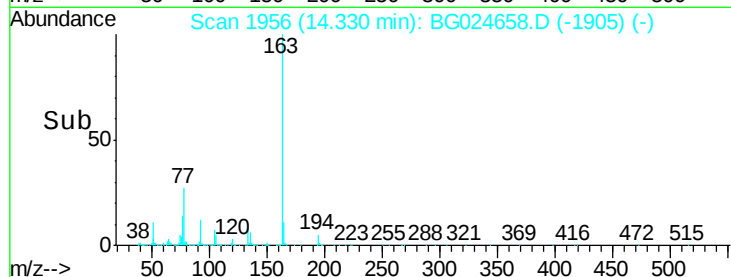
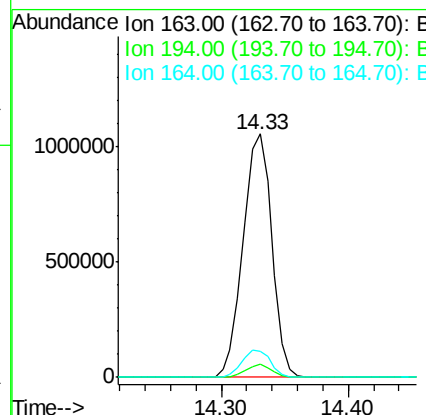
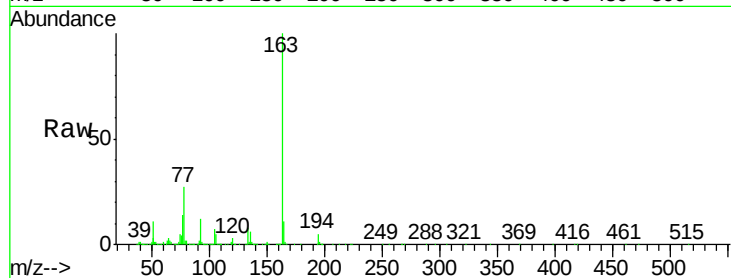
#49
Dimethylphthalate
Concen: 71.42 ng
RT: 14.33 min Scan# 1956
Delta R.T. -0.00 min
Lab File: BG024658.D
Acq: 3 Nov 2016 22:23

Instrument :
BNA_G
ClientSampleId :
SB-78-14.0-15.0MSD

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.3	3.8	5.6
164	10.8	9.3	13.9

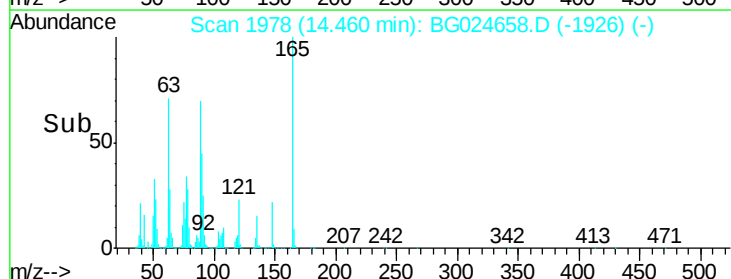
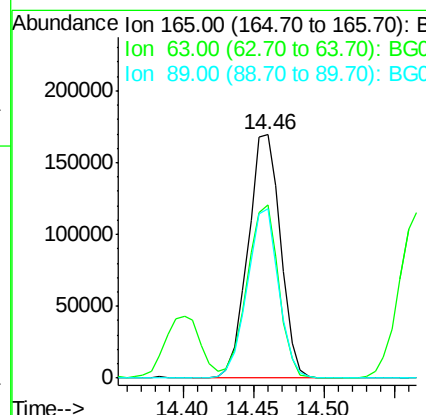
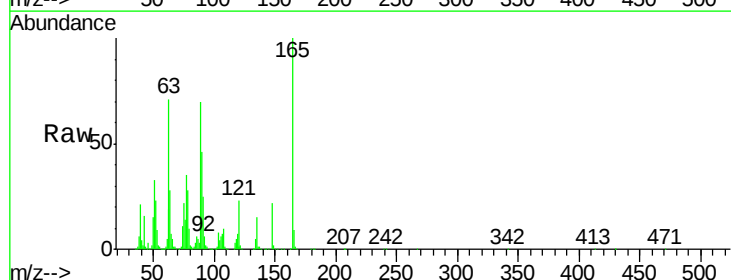
Manual Integrations
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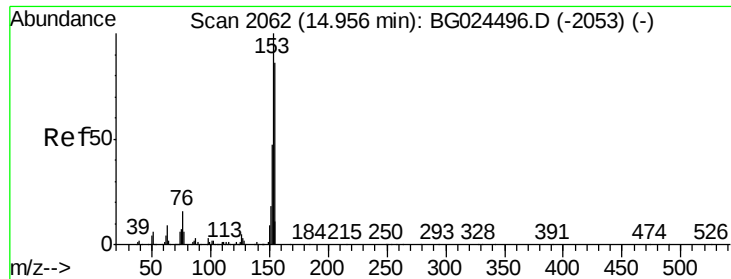
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#50
2,6-Dinitrotoluene
Concen: 55.35 ng
RT: 14.46 min Scan# 1978
Delta R.T. 0.00 min
Lab File: BG024658.D
Acq: 3 Nov 2016 22:23

Tgt Ion	Ratio	Lower	Upper
165	100		
63	71.1	63.9	95.9
89	69.6	58.6	88.0





#51

Acenaphthene

Concen: 43.13 ng

RT: 14.95 min Scan# 2062

Delta R.T. -0.00 min

Lab File: BG024658.D

Acq: 3 Nov 2016 22:23

Instrument :

BNA_G

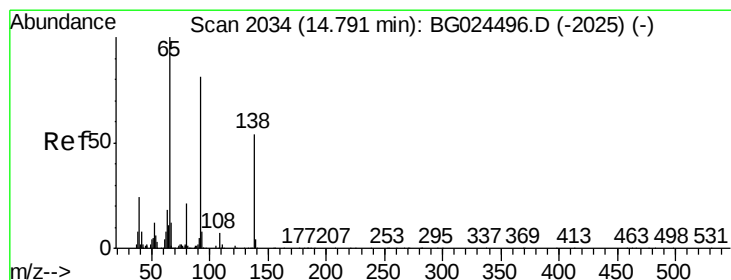
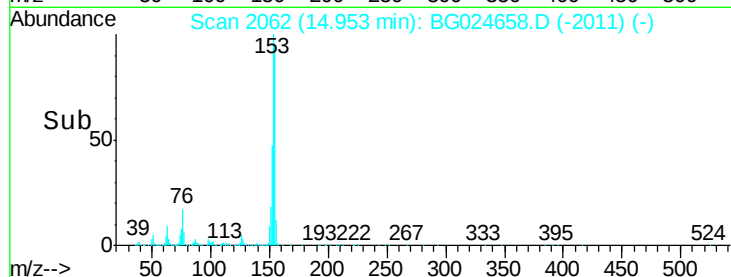
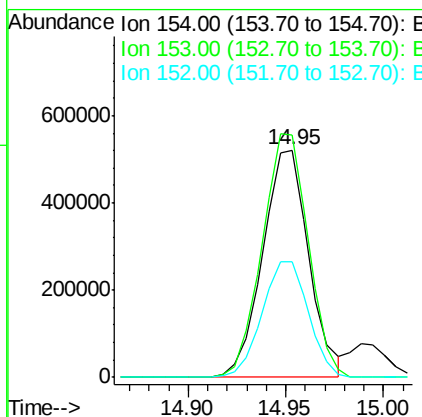
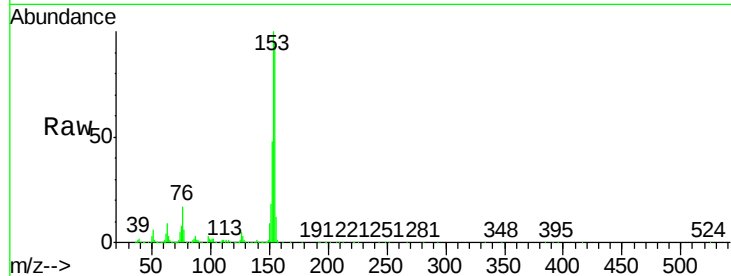
ClientSampleId :

SB-78-14.0-15.0MSD

Tgt Ion:	154	Resp:	851065
Ion Ratio	Lower	Upper	
154	100		
153	106.7	87.8	131.6
152	50.9	42.2	63.4

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#52

3-Nitroaniline

Concen: 20.89 ng

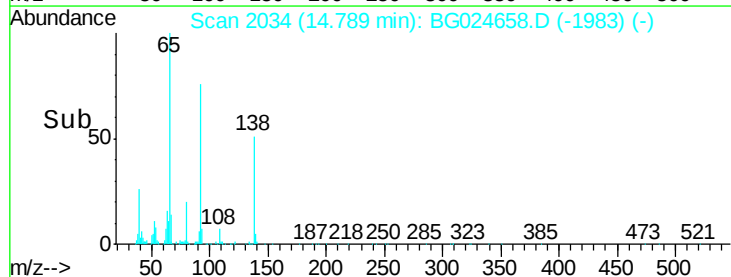
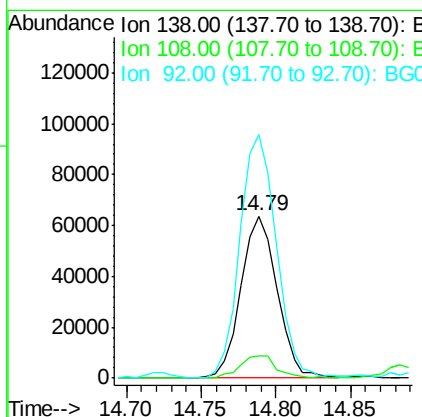
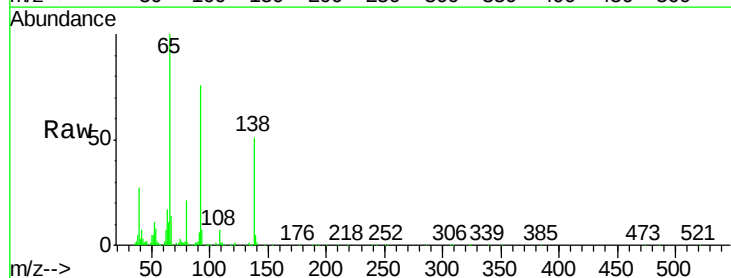
RT: 14.79 min Scan# 2034

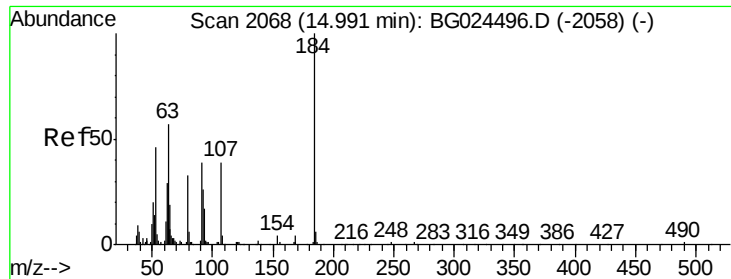
Delta R.T. -0.00 min

Lab File: BG024658.D

Acq: 3 Nov 2016 22:23

Tgt Ion:	138	Resp:	107021
Ion Ratio	Lower	Upper	
138	100		
108	13.4	10.9	16.3
92	150.5	115.3	172.9





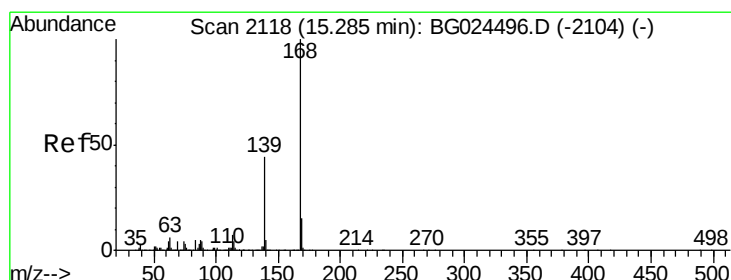
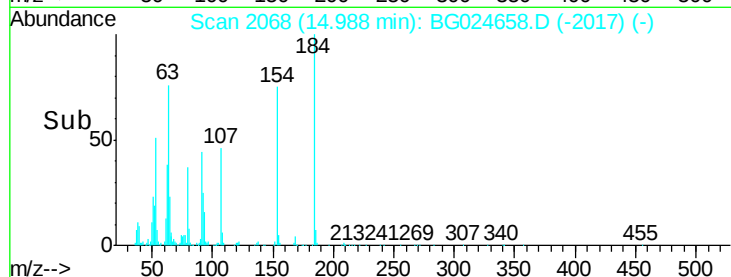
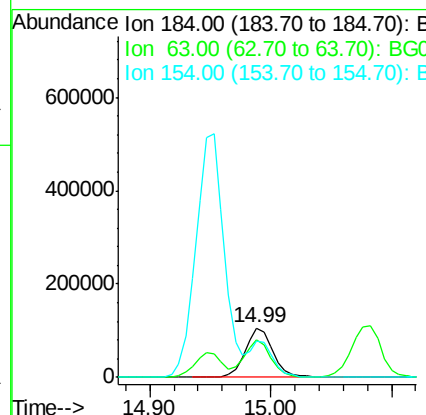
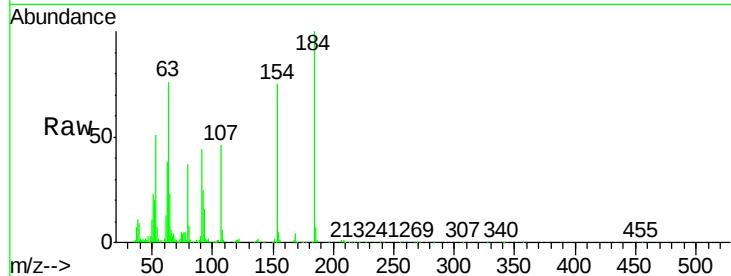
#53
2,4-Dinitrophenol
Concen: 47.19 ng
RT: 14.99 min Scan# 2068
Delta R.T. -0.00 min
Lab File: BG024658.D
Acq: 3 Nov 2016 22:23

Instrument :
BNA_G
ClientSampleId :
SB-78-14.0-15.0MSD

Tgt Ion	Ratio	Lower	Upper
184	100		
63	75.7	52.7	79.1
154	74.5	57.3	85.9

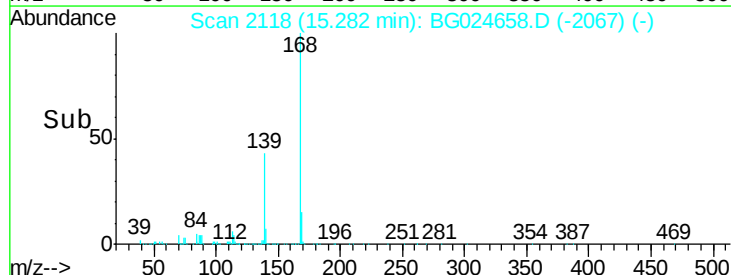
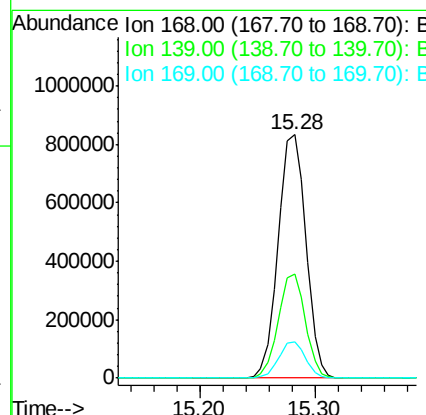
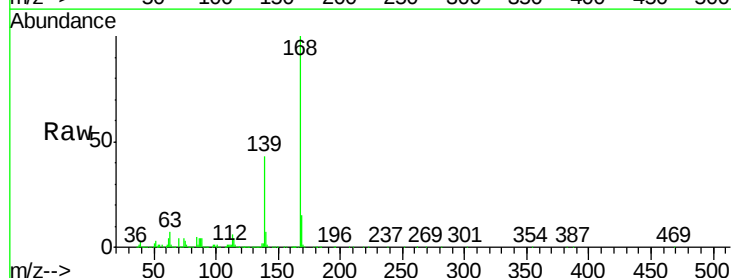
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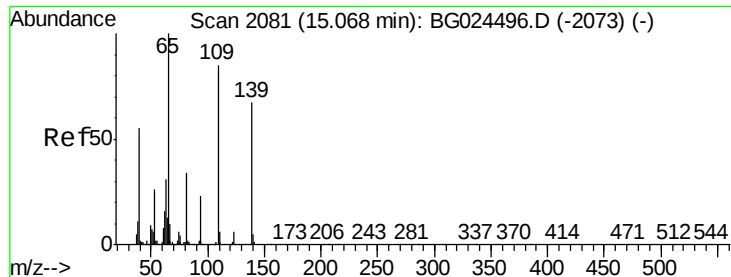
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#54
Dibenzofuran
Concen: 51.18 ng
RT: 15.28 min Scan# 2118
Delta R.T. -0.00 min
Lab File: BG024658.D
Acq: 3 Nov 2016 22:23

Tgt Ion	Ratio	Lower	Upper
168	100		
139	43.0	35.3	52.9
169	14.9	11.5	17.3





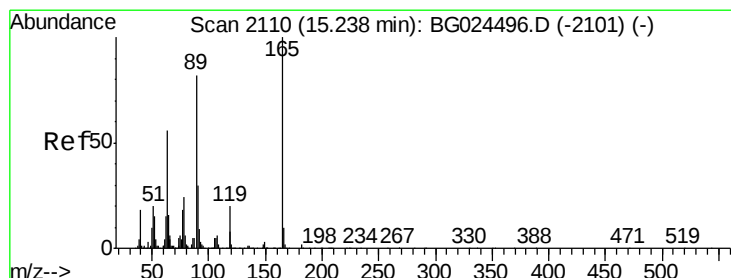
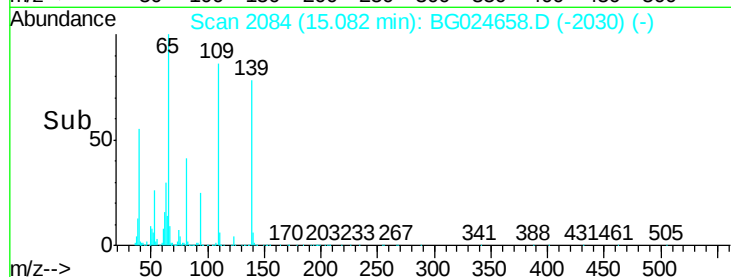
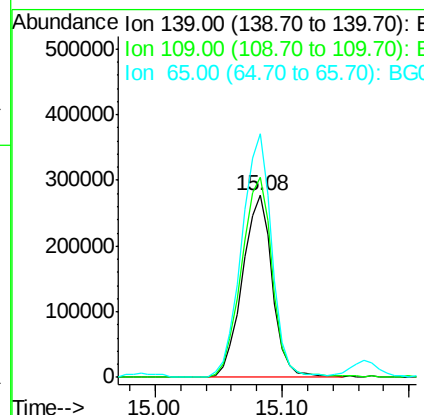
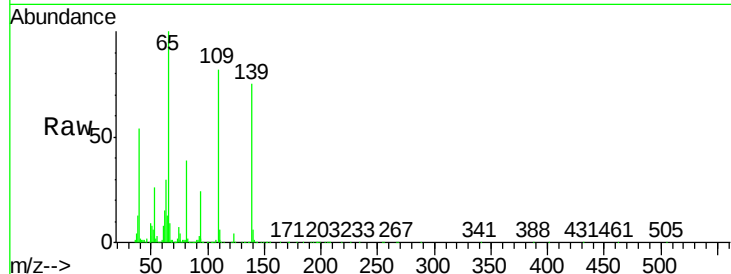
#55
4-Nitrophenol
Concen: 101.71 ng
RT: 15.08 min Scan# 2084
Delta R.T. 0.01 min
Lab File: BG024658.D
Acq: 3 Nov 2016 22:23

Instrument :
BNA_G
ClientSampleId :
SB-78-14.0-15.0MSD

Tgt Ion	Ratio	Lower	Upper
139	100		
109	110.4	101.2	141.2
65	134.1	135.3	175.3#

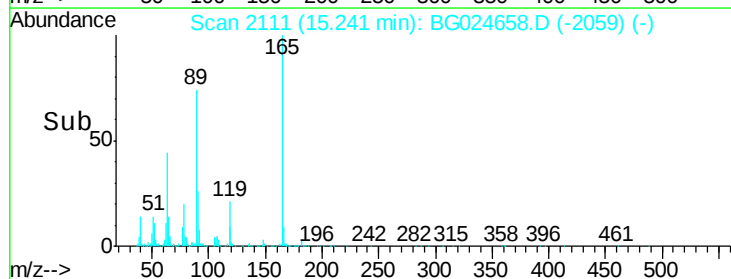
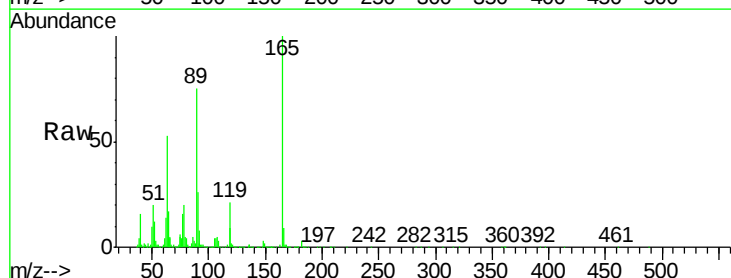
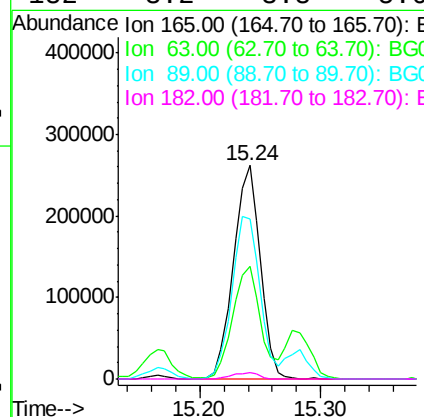
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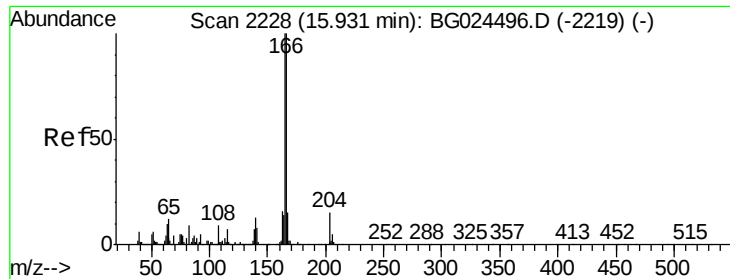
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#56
2,4-Dinitrotoluene
Concen: 56.24 ng
RT: 15.24 min Scan# 2111
Delta R.T. 0.00 min
Lab File: BG024658.D
Acq: 3 Nov 2016 22:23

Tgt Ion	Ratio	Lower	Upper
165	100		
63	52.8	44.0	66.0
89	75.0	67.3	100.9
182	3.2	3.8	5.6#





#57

Fluorene

Concen: 49.66 ng

RT: 15.93 min Scan# 2228

Delta R.T. -0.00 min

Lab File: BG024658.D

Acq: 3 Nov 2016 22:23

Instrument :

BNA_G

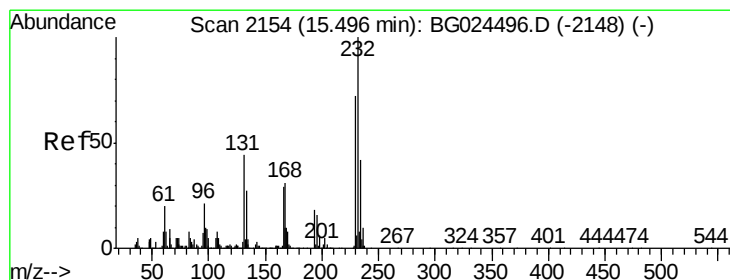
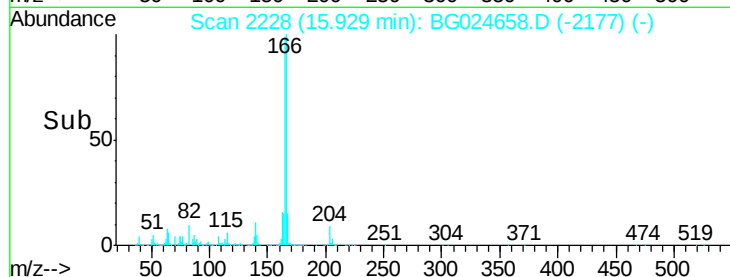
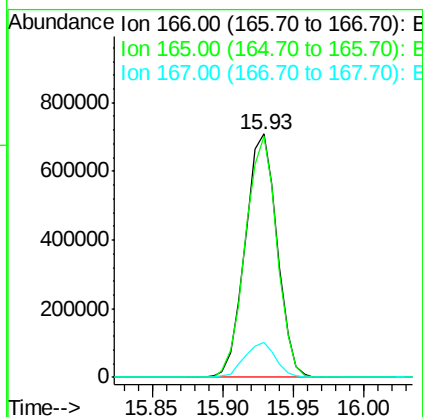
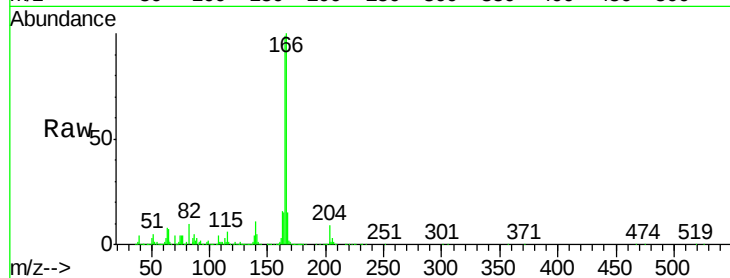
ClientSampleId :

SB-78-14.0-15.0MSD

Tgt Ion:	166	Resp:	1123330
Ion Ratio	Lower	Upper	
166	100		
165	98.9	78.6	117.8
167	14.6	11.6	17.4

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#58

2,3,4,6-Tetrachlorophenol

Concen: 53.50 ng

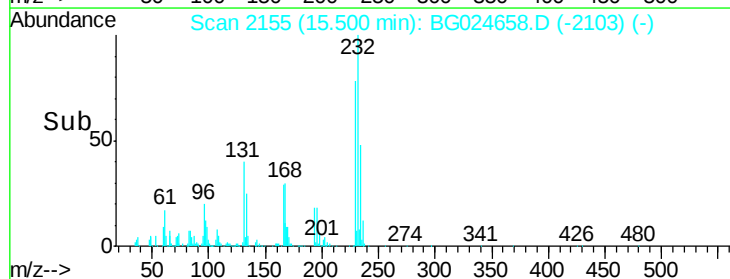
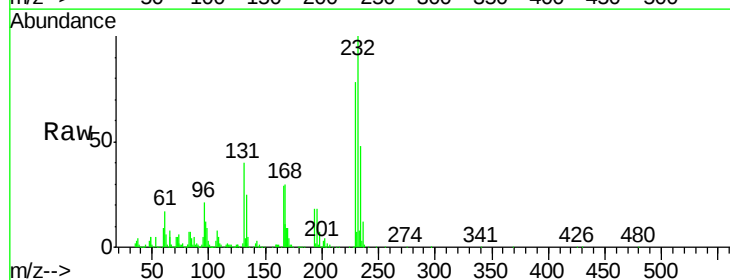
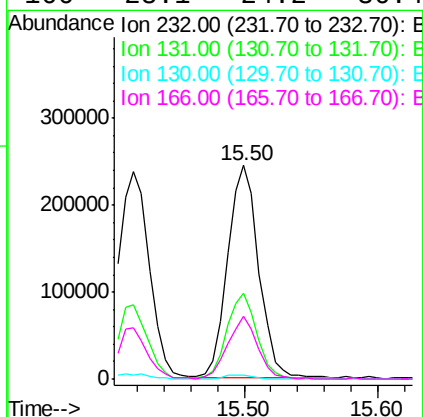
RT: 15.50 min Scan# 2155

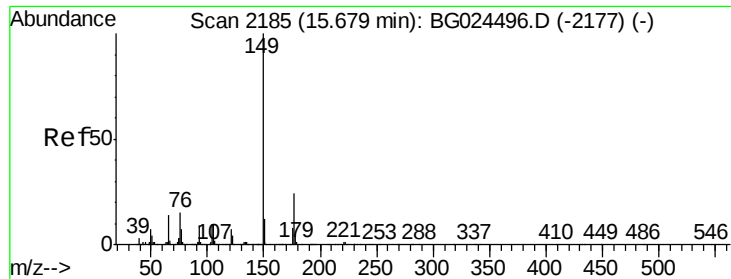
Delta R.T. 0.00 min

Lab File: BG024658.D

Acq: 3 Nov 2016 22:23

Tgt Ion:	232	Resp:	397085
Ion Ratio	Lower	Upper	
232	100		
131	38.1	34.9	52.3
130	2.0	2.3	3.5#
166	28.1	24.2	36.4





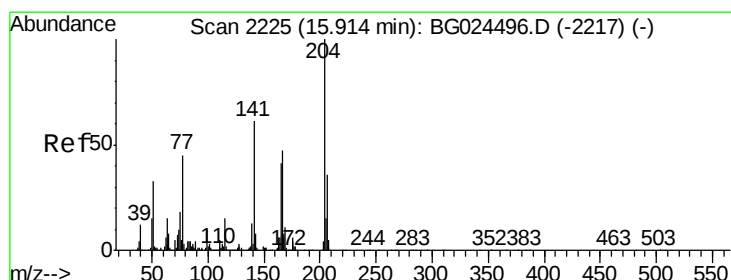
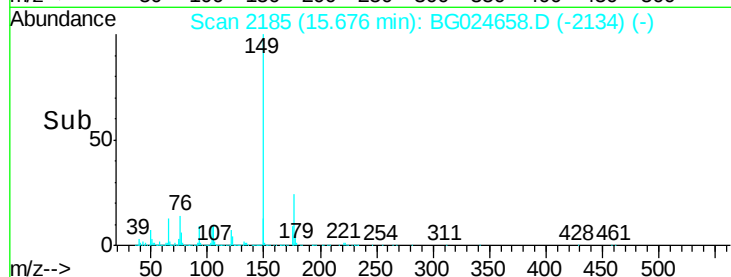
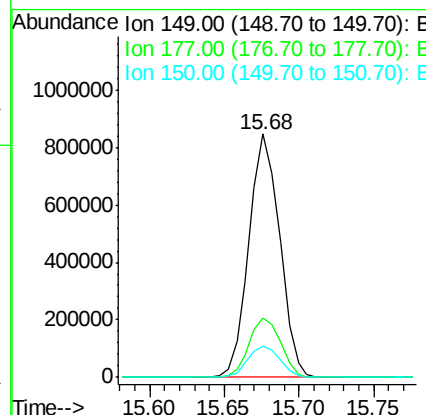
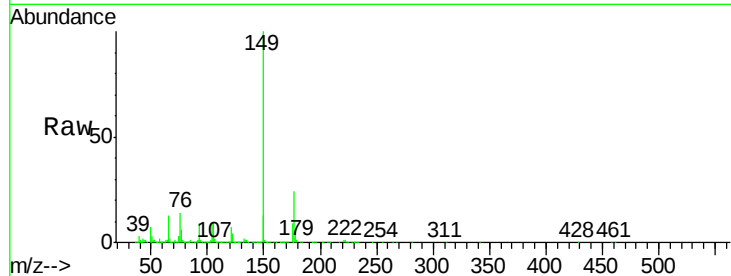
#59
Diethylphthalate
Concen: 49.63 ng
RT: 15.68 min Scan# 2185
Delta R.T. -0.00 min
Lab File: BG024658.D
Acq: 3 Nov 2016 22:23

Instrument :
BNA_G
ClientSampleId :
SB-78-14.0-15.0MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.1	20.1	30.1
150	12.7	10.2	15.2

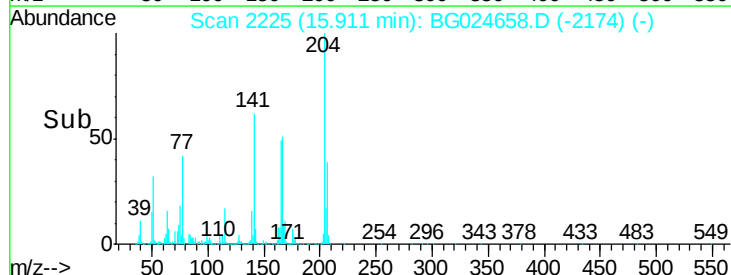
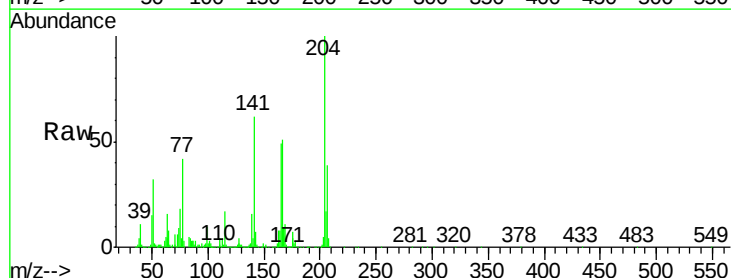
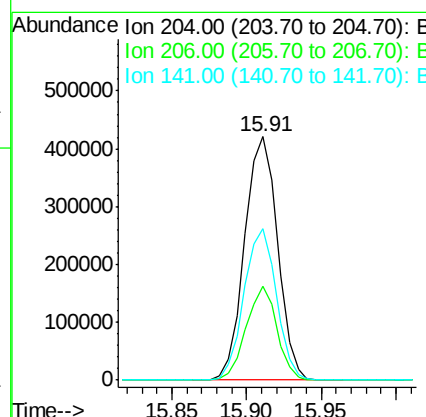
Manual Integrations
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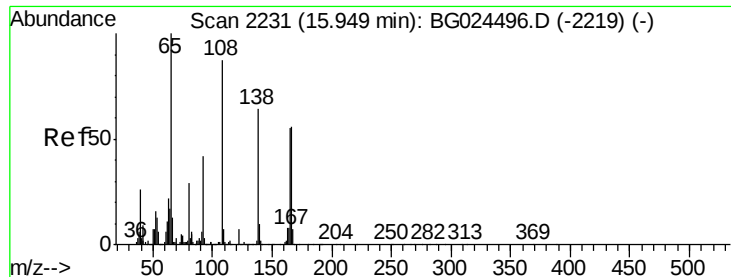
Sohil
11/4/2016 10:04:16 AM



#60
4-Chlorophenyl-phenylether
Concen: 50.58 ng
RT: 15.91 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BG024658.D
Acq: 3 Nov 2016 22:23

Tgt Ion	Ratio	Lower	Upper
204	100		
206	38.6	30.1	45.1
141	62.3	50.6	76.0





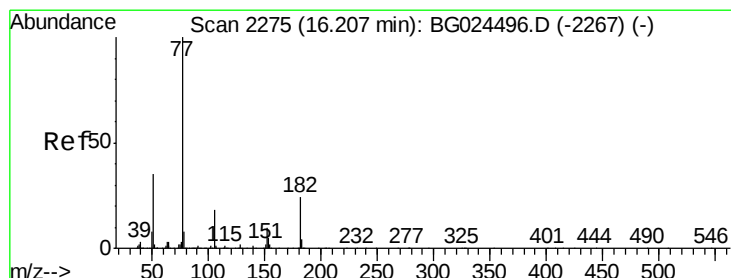
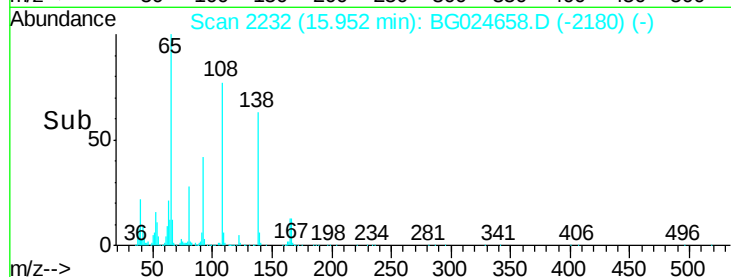
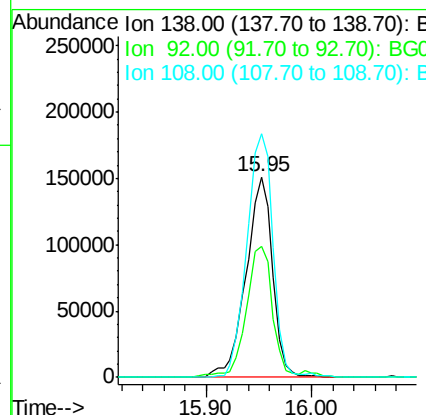
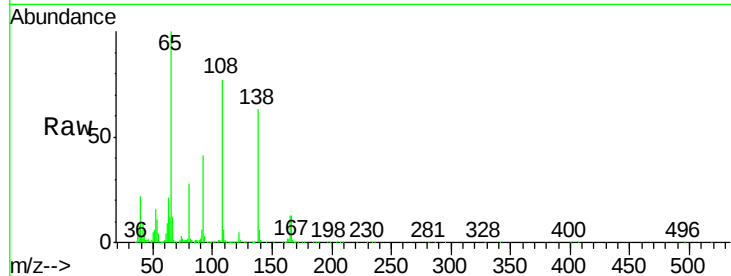
#61
4-Nitroaniline
Concen: 47.12 ng
RT: 15.95 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BG024658.D
Acq: 3 Nov 2016 22:23

Instrument :
BNA_G
ClientSampleId :
SB-78-14.0-15.0MSD

Tgt Ion	Ratio	Lower	Upper
138	100		
92	65.3	44.2	84.2
108	121.5	104.8	144.8

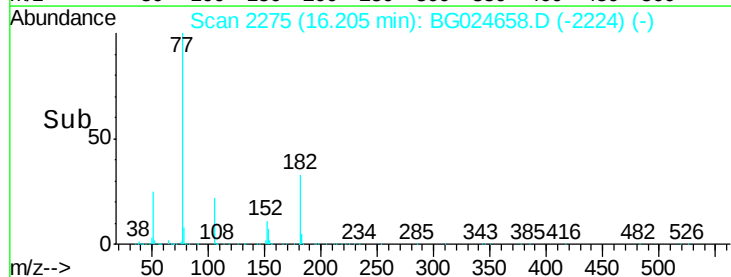
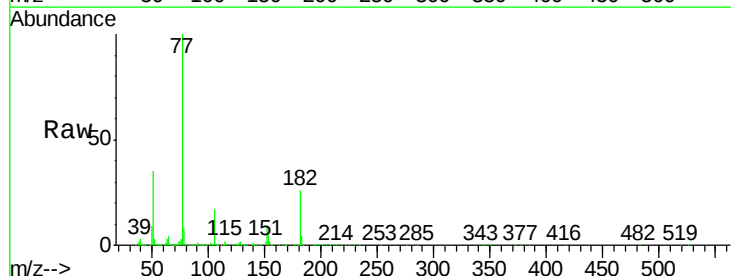
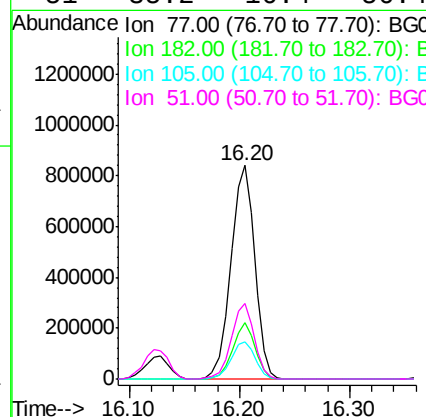
Manual Integrations
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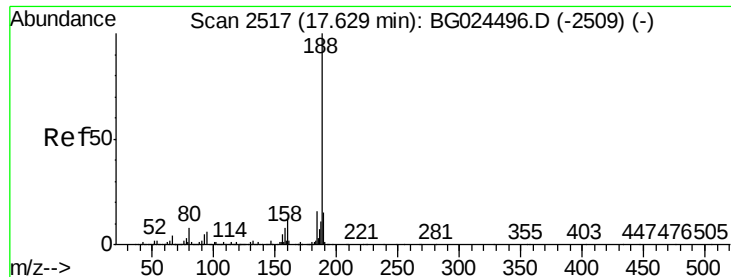
Sohil
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#62
Azobenzene
Concen: 52.41 ng
RT: 16.20 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BG024658.D
Acq: 3 Nov 2016 22:23

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.2	4.7	44.7
105	17.3	0.0	36.3
51	35.2	16.4	56.4





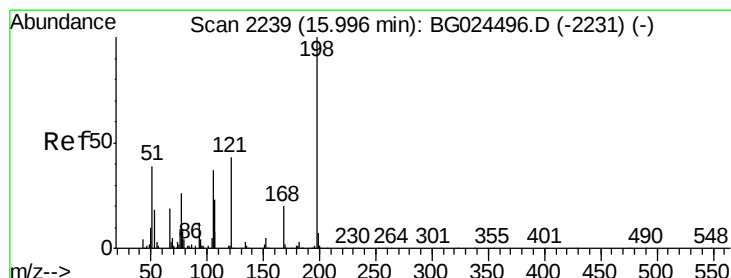
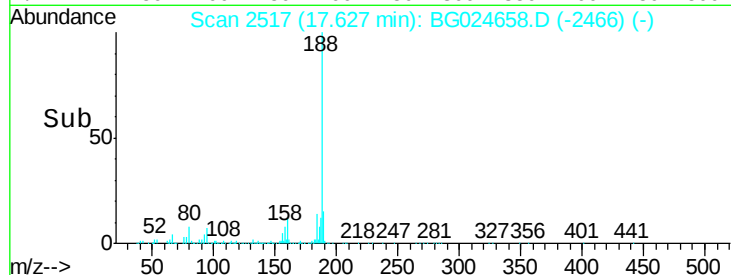
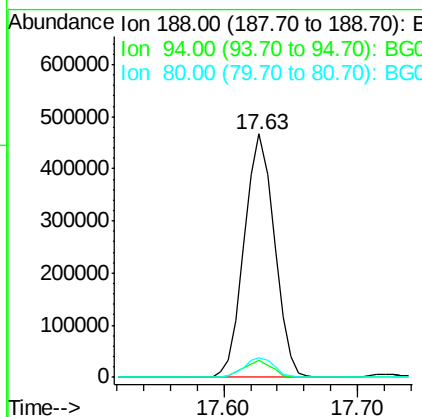
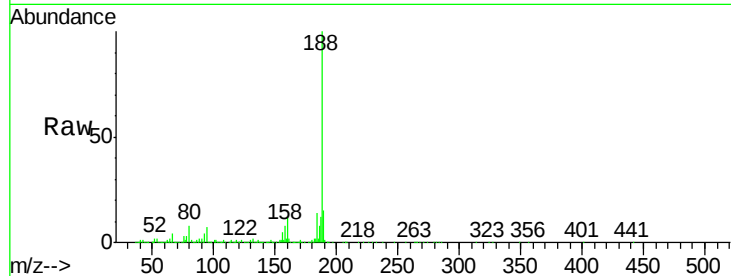
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.63 min Scan# 2517
Delta R.T. -0.00 min
Lab File: BG024658.D
Acq: 3 Nov 2016 22:23

Instrument :
BNA_G
ClientSampleId :
SB-78-14.0-15.0MSD

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	728814		
94	7.2		5.8	8.8
80	7.9		7.5	11.3

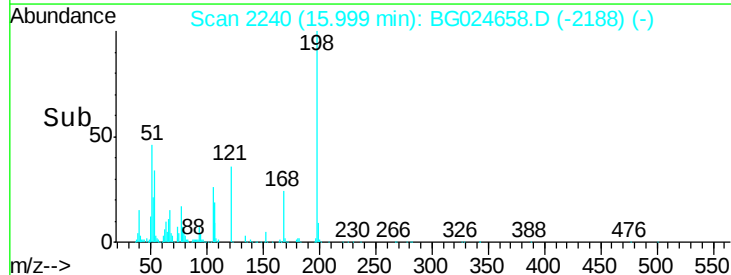
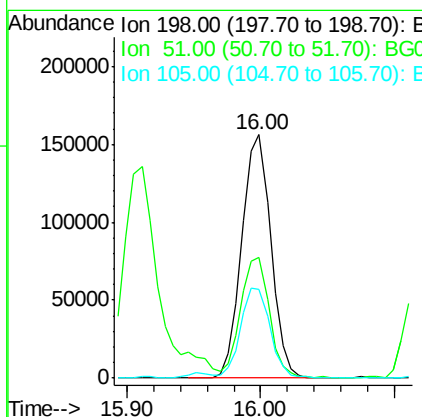
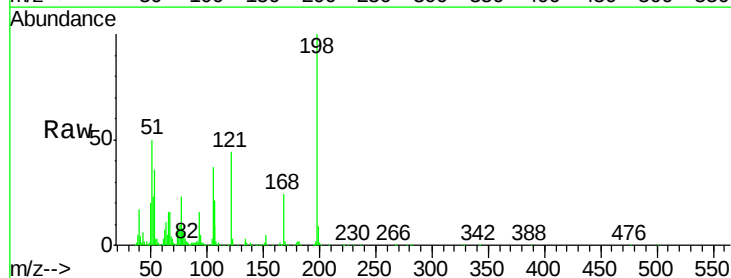
Manual Integrations
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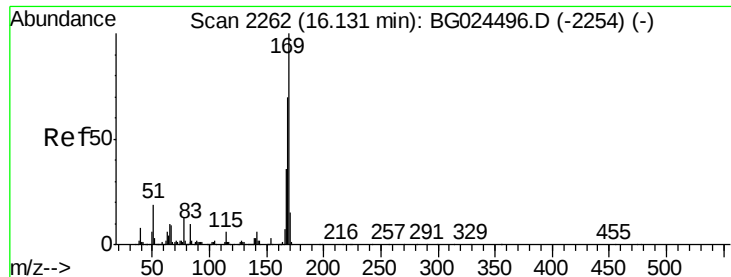
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 47.04 ng
RT: 16.00 min Scan# 2240
Delta R.T. 0.00 min
Lab File: BG024658.D
Acq: 3 Nov 2016 22:23

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	236179		
51	49.8		22.6	62.6
105	36.7		14.4	54.4





#65

n-Nitrosodiphenylamine

Concen: 52.92 ng

RT: 16.13 min Scan# 2262

Delta R.T. -0.00 min

Lab File: BG024658.D

Acq: 3 Nov 2016 22:23

Instrument :

BNA_G

ClientSampleId :

SB-78-14.0-15.0MSD

Tgt Ion:169 Resp: 1054379

Ion Ratio Lower Upper

169 100

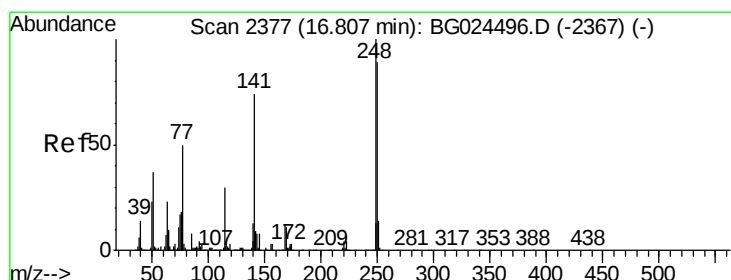
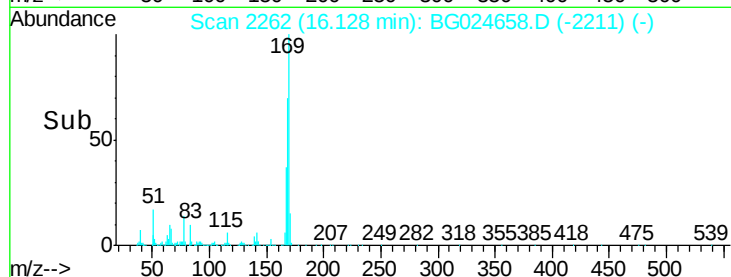
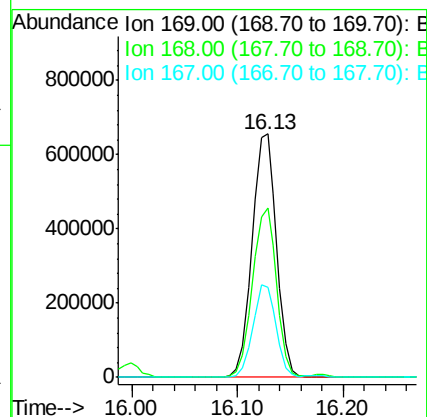
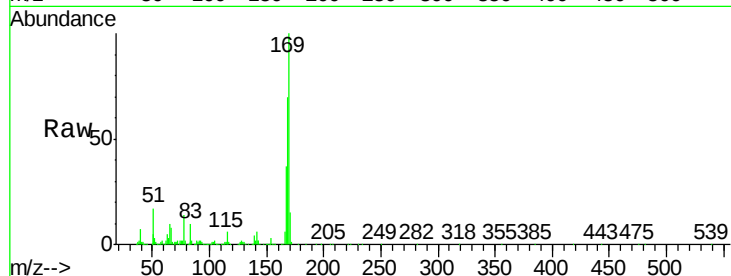
168 69.7 55.7 83.5

167 37.0 29.8 44.6

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#66

4-Bromophenyl-phenylether

Concen: 51.32 ng

RT: 16.80 min Scan# 2377

Delta R.T. -0.00 min

Lab File: BG024658.D

Acq: 3 Nov 2016 22:23

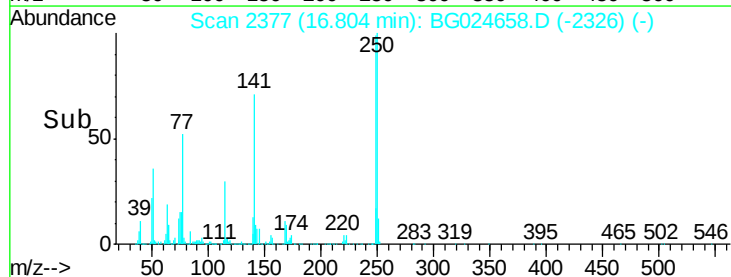
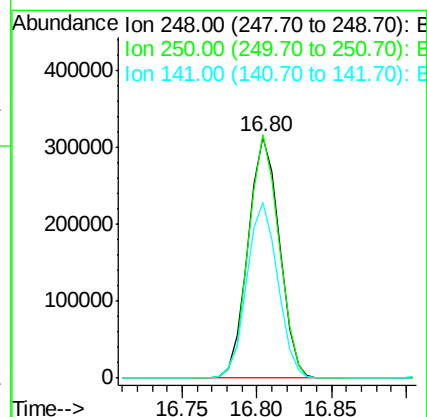
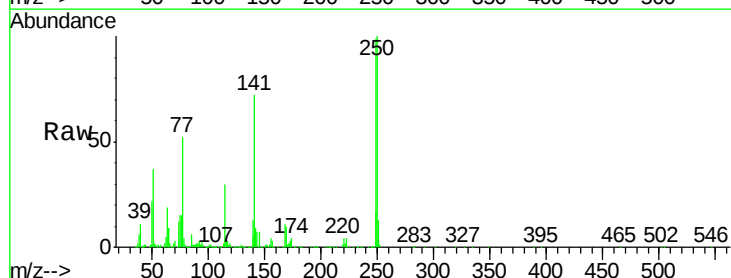
Tgt Ion:248 Resp: 454066

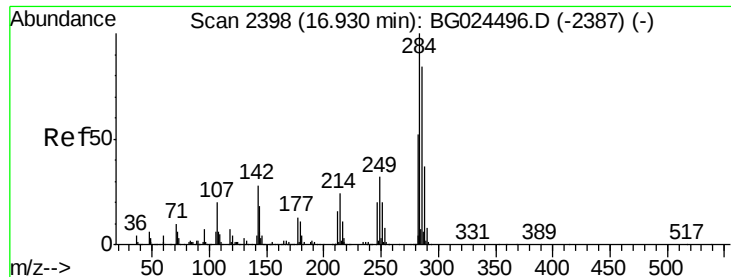
Ion Ratio Lower Upper

248 100

250 100.9 75.0 112.6

141 72.7 55.2 82.8





#67

Hexachlorobenzene

Concen: 50.71 ng

RT: 16.93 min Scan# 2398

Delta R.T. -0.00 min

Lab File: BG024658.D

Acq: 3 Nov 2016 22:23

Instrument :

BNA_G

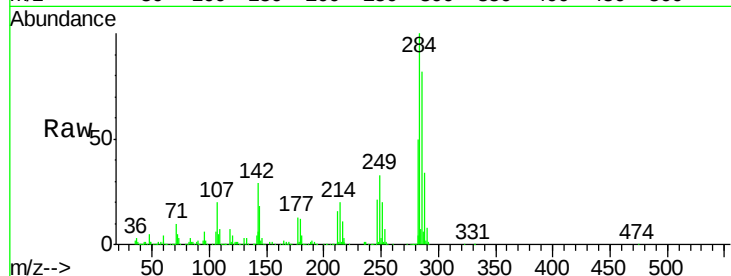
ClientSampleId :

SB-78-14.0-15.0MSD

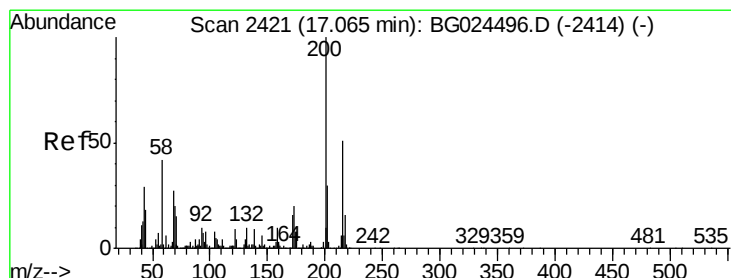
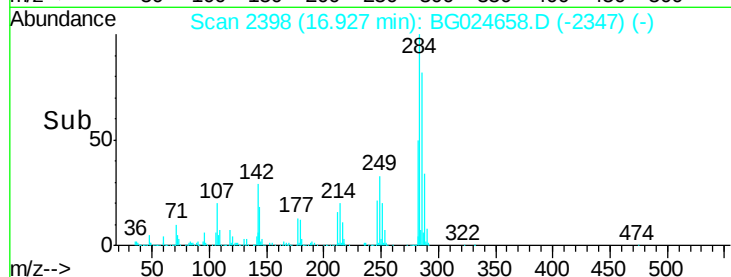
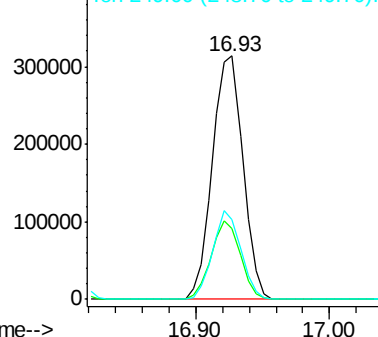
Tgt Ion:	284	Resp:	495791
Ion Ratio	Lower	Upper	
284	100		
142	29.0	29.9	44.9#
249	32.7	29.2	43.8

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



#68

Atrazine

Concen: 54.91 ng

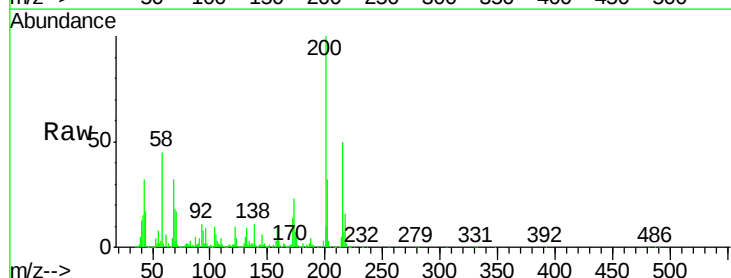
RT: 17.06 min Scan# 2421

Delta R.T. -0.00 min

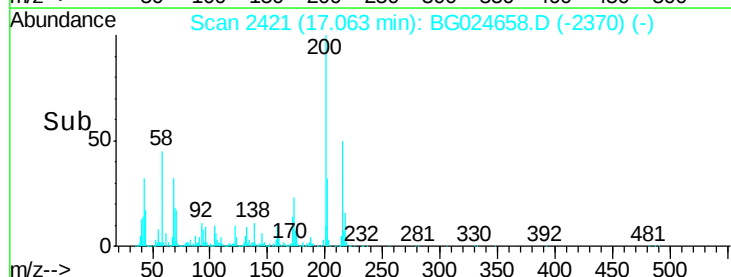
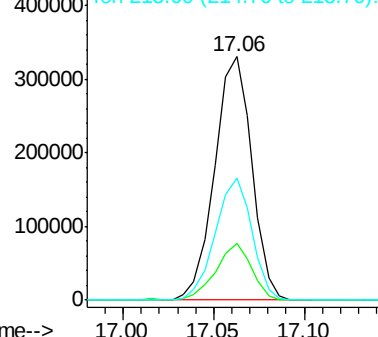
Lab File: BG024658.D

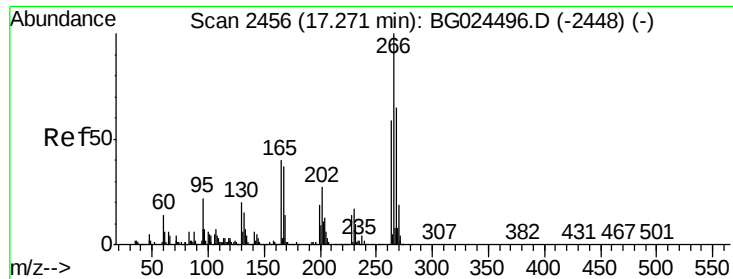
Acq: 3 Nov 2016 22:23

Tgt Ion:	200	Resp:	469300
Ion Ratio	Lower	Upper	
200	100		
173	23.2	3.0	43.0
215	50.3	28.4	68.4



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





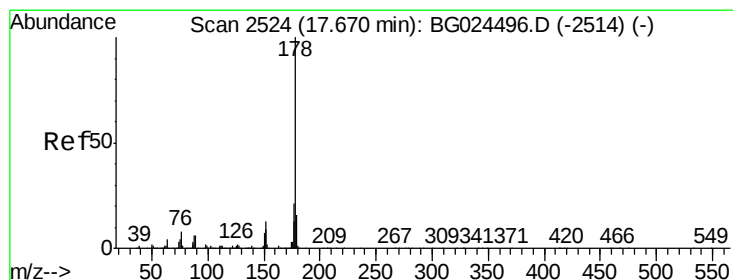
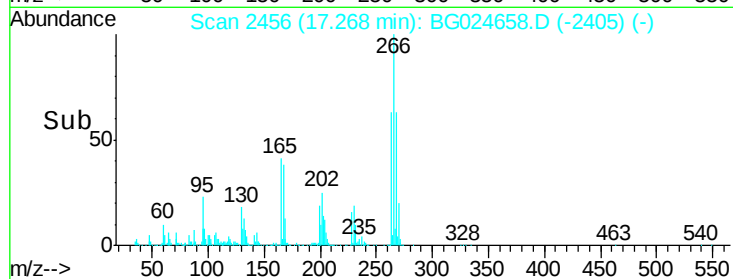
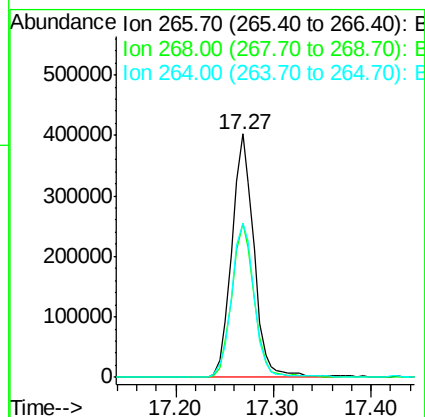
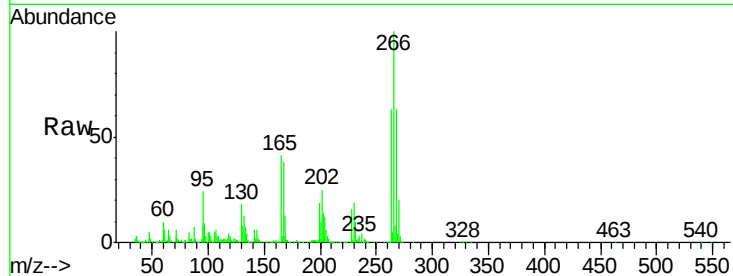
#69
 Pentachlorophenol
 Concen: 98.26 ng
 RT: 17.27 min Scan# 2456
 Delta R.T. -0.00 min
 Lab File: BG024658.D
 Acq: 3 Nov 2016 22:23

Instrument :
 BNA_G
 ClientSampleId :
 SB-78-14.0-15.0MSD

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.3	48.6	72.8
264	63.0	50.1	75.1

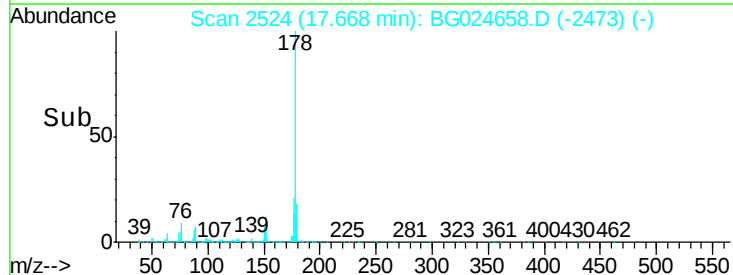
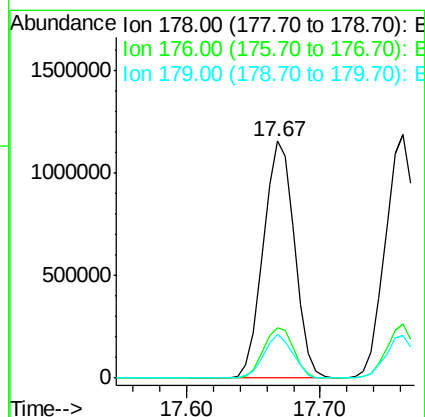
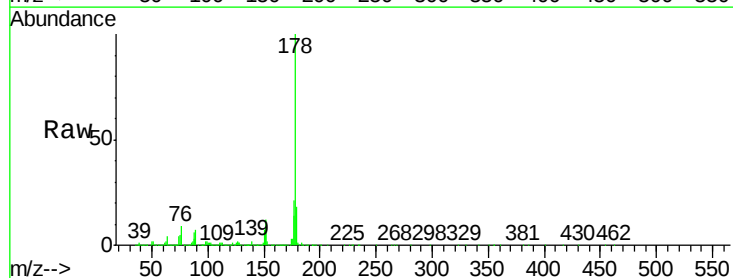
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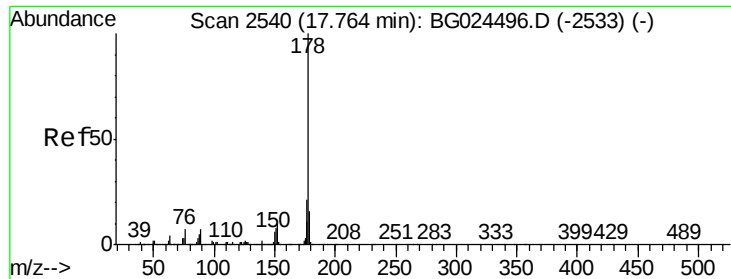
Sohil
 11/4/2016 10:04:16 AM



#70
 Phenanthrene
 Concen: 50.13 ng
 RT: 17.67 min Scan# 2524
 Delta R.T. -0.00 min
 Lab File: BG024658.D
 Acq: 3 Nov 2016 22:23

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.1	17.7	26.5
179	18.4	15.0	22.6





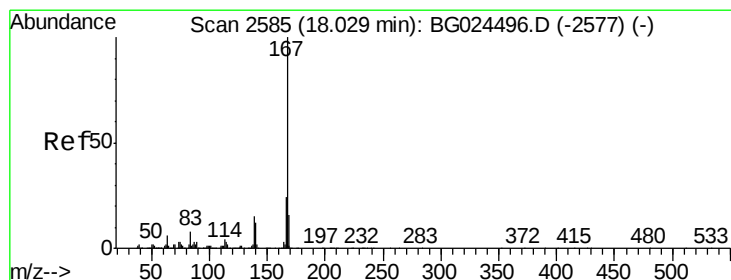
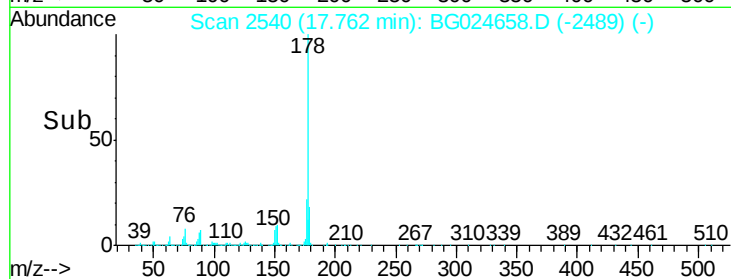
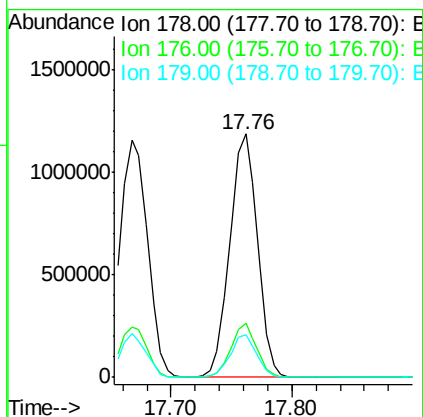
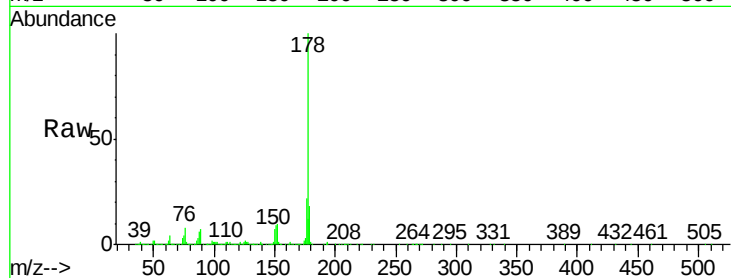
#71
 Anthracene
 Concen: 50.45 ng
 RT: 17.76 min Scan# 2540
 Delta R.T. -0.00 min
 Lab File: BG024658.D
 Acq: 3 Nov 2016 22:23

Instrument :
 BNA_G
 ClientSampleId :
 SB-78-14.0-15.0MSD

Tgt Ion:178 Resp: 1890967
 Ion Ratio Lower Upper
 178 100
 176 22.0 16.4 24.6
 179 17.7 13.8 20.8

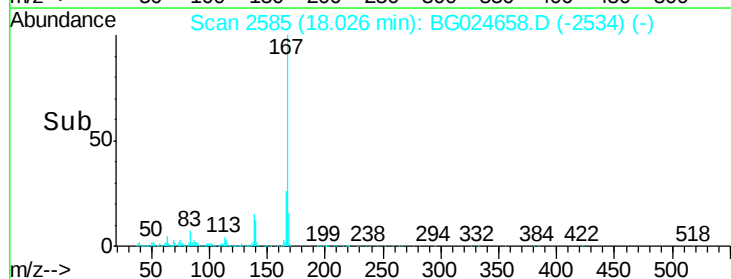
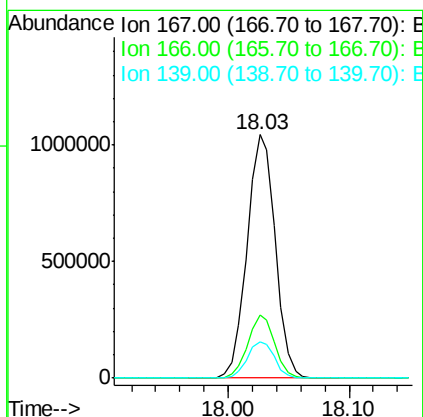
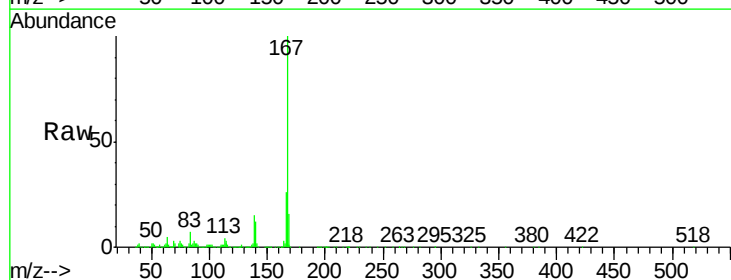
Manual Integrations
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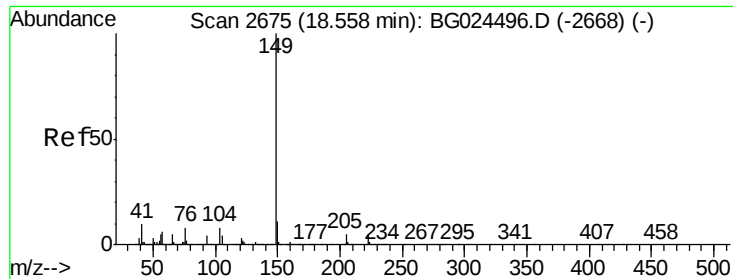
Sohil
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#72
 Carbazole
 Concen: 49.61 ng
 RT: 18.03 min Scan# 2585
 Delta R.T. -0.00 min
 Lab File: BG024658.D
 Acq: 3 Nov 2016 22:23

Tgt Ion:167 Resp: 1695658
 Ion Ratio Lower Upper
 167 100
 166 26.1 20.2 30.2
 139 14.6 12.8 19.2





#73

Di-n-butylphthalate

Concen: 49.56 ng

RT: 18.55 min Scan# 2675

Delta R.T. -0.00 min

Lab File: BG024658.D

Acq: 3 Nov 2016 22:23

Instrument :

BNA_G

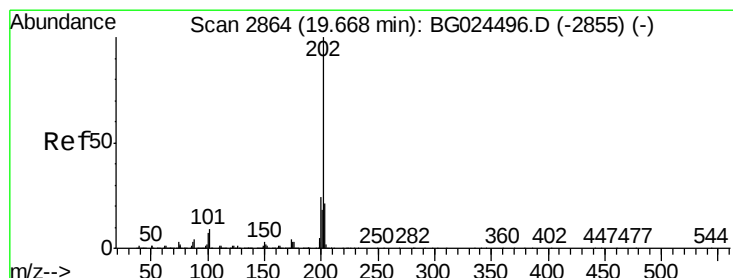
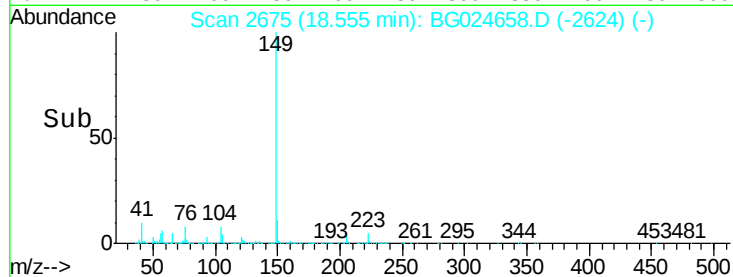
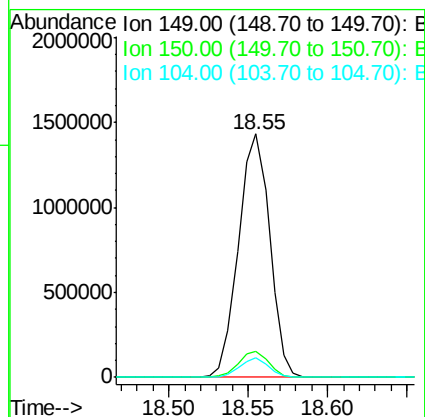
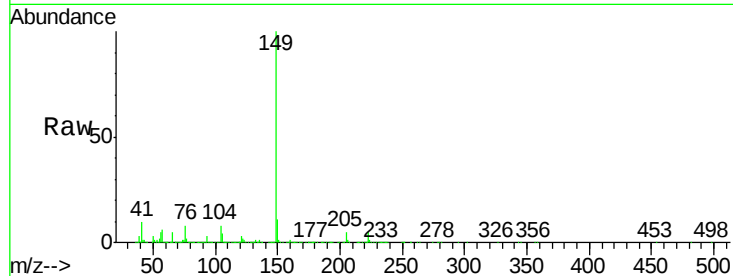
ClientSampleId :

SB-78-14.0-15.0MSD

Tgt Ion:	149	Resp:	1953222
Ion Ratio	Lower	Upper	
149	100		
150	10.8	9.1	13.7
104	7.8	6.7	10.1

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#74

Fluoranthene

Concen: 49.13 ng

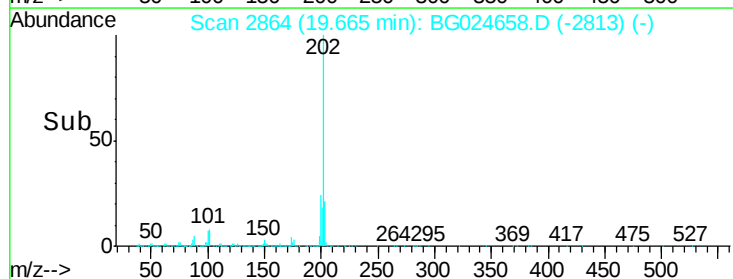
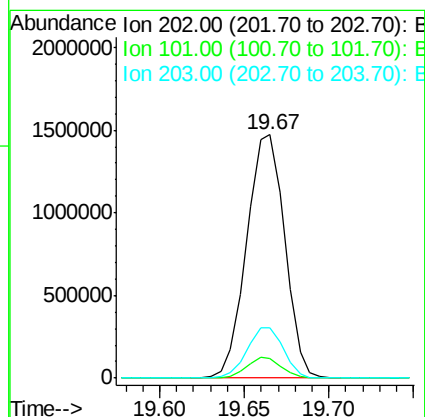
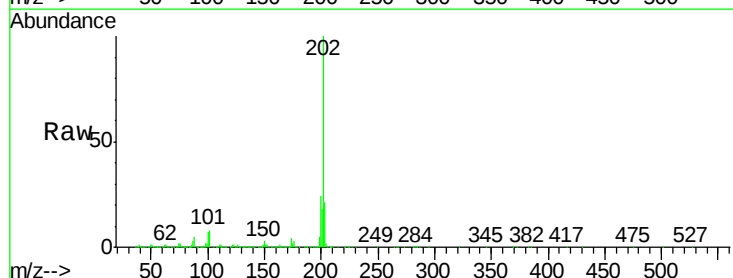
RT: 19.67 min Scan# 2864

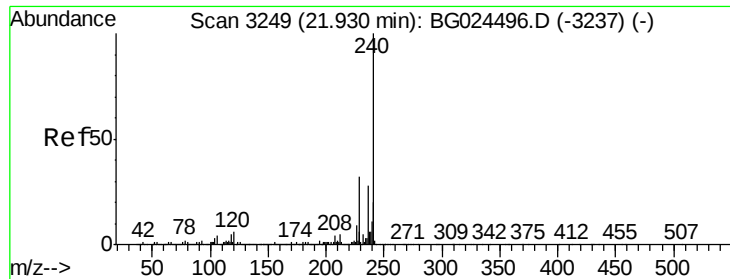
Delta R.T. -0.00 min

Lab File: BG024658.D

Acq: 3 Nov 2016 22:23

Tgt Ion:	202	Resp:	2307070
Ion Ratio	Lower	Upper	
202	100		
101	8.2	0.0	30.1
203	20.6	1.3	41.3





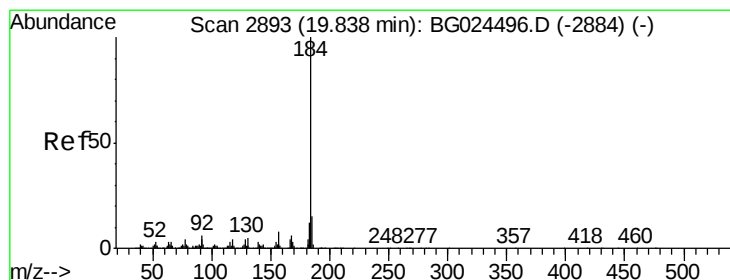
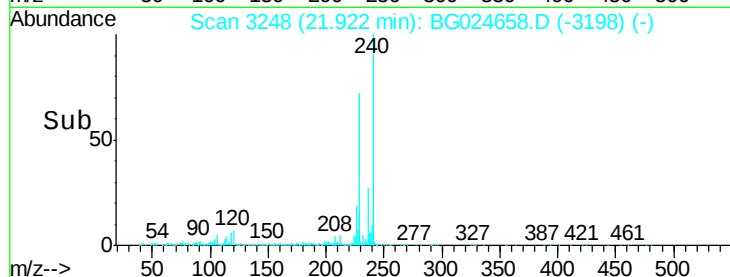
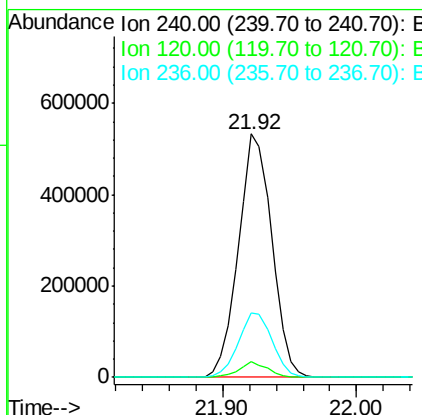
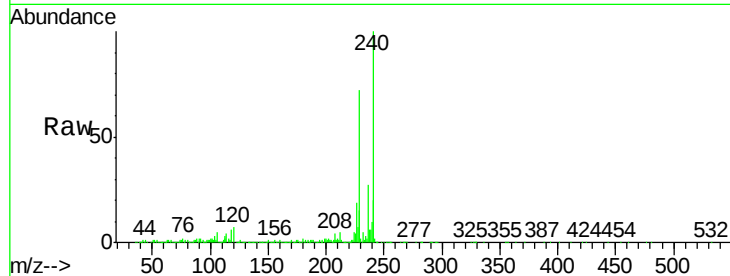
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.92 min Scan# 3248
Delta R.T. -0.01 min
Lab File: BG024658.D
Acq: 3 Nov 2016 22:23

Instrument :
BNA_G
ClientSampleId :
SB-78-14.0-15.0MSD

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.6	5.7	8.5
236	26.6	22.2	33.4

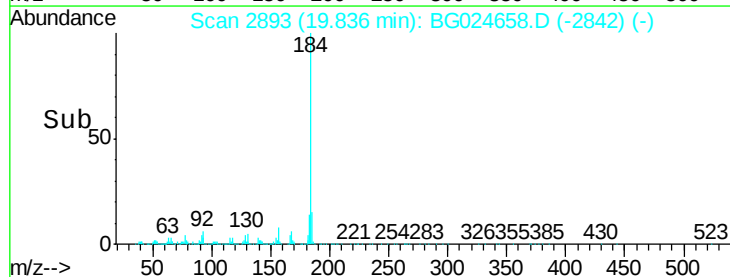
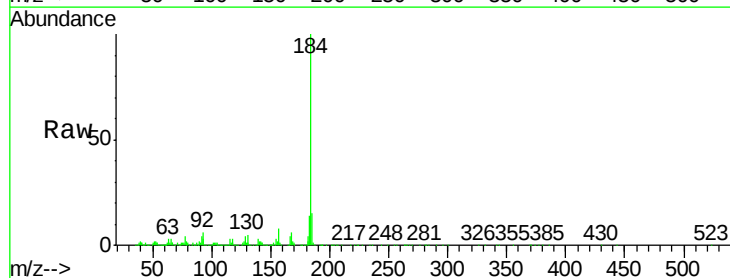
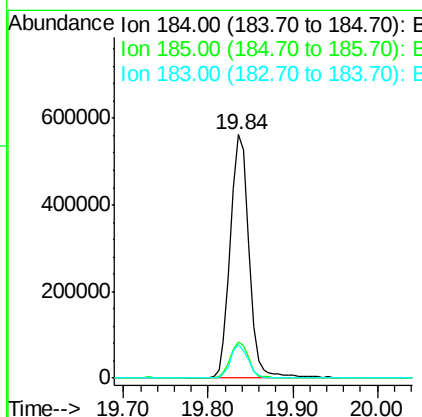
Manual Integrations
APPROVED

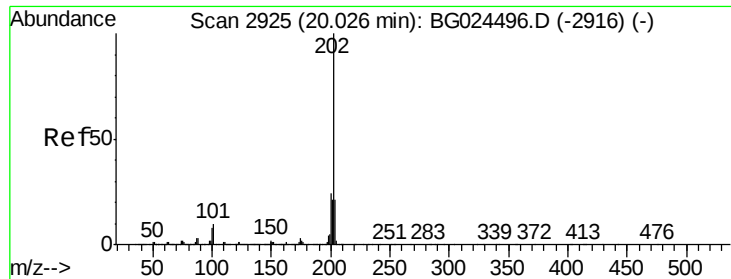
Sohil
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#76
Benzidine
Concen: 39.44 ng
RT: 19.84 min Scan# 2893
Delta R.T. -0.00 min
Lab File: BG024658.D
Acq: 3 Nov 2016 22:23

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.8	13.0	19.6
183	13.6	11.0	16.6





#77

Pyrene

Concen: 51.20 ng

RT: 20.02 min Scan# 2925

Delta R.T. -0.00 min

Lab File: BG024658.D

Acq: 3 Nov 2016 22:23

Instrument :

BNA_G

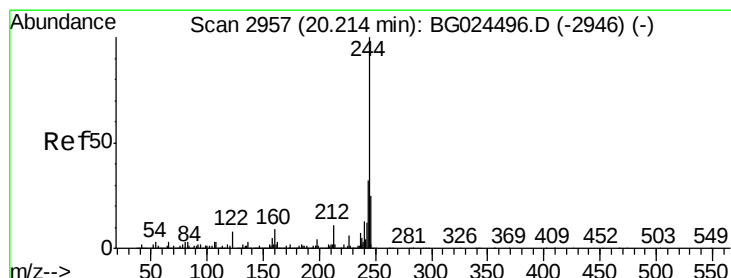
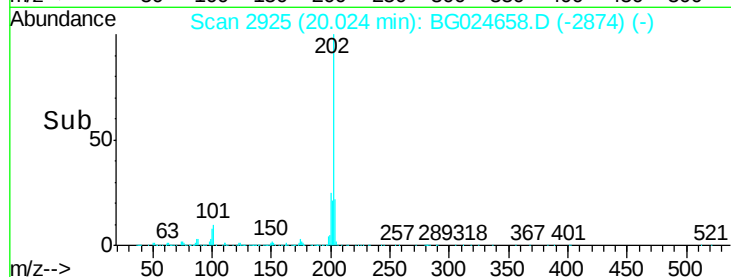
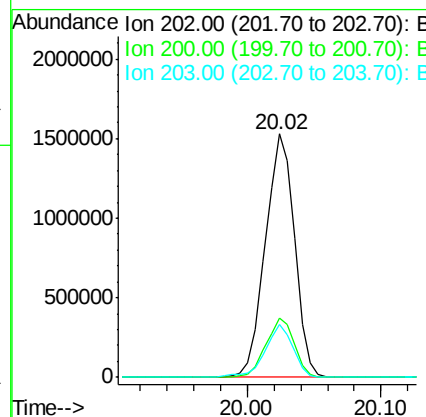
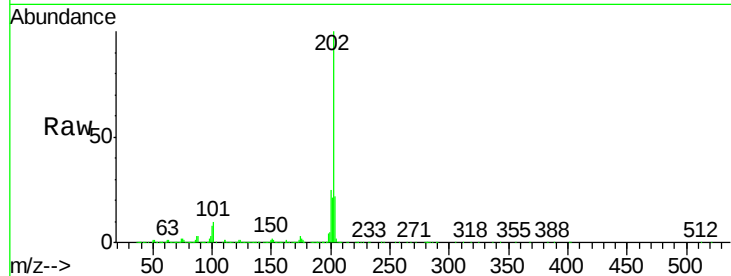
ClientSampleId :

SB-78-14.0-15.0MSD

Tgt Ion:	202	Resp:	2311905
Ion	Ratio	Lower	Upper
202	100		
200	24.6	19.6	29.4
203	21.6	15.8	23.8

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#78

Terphenyl-d14

Concen: 99.31 ng

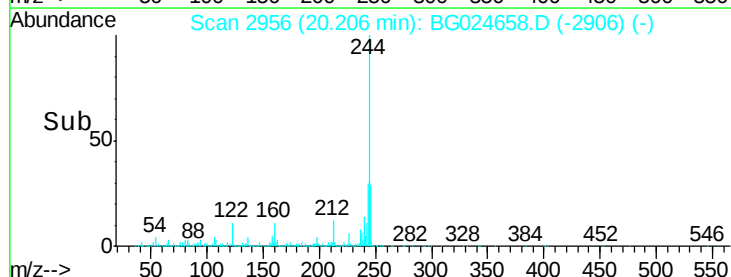
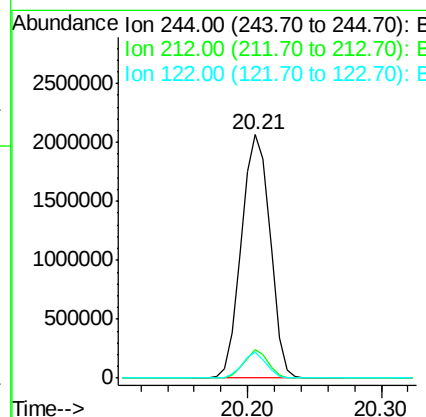
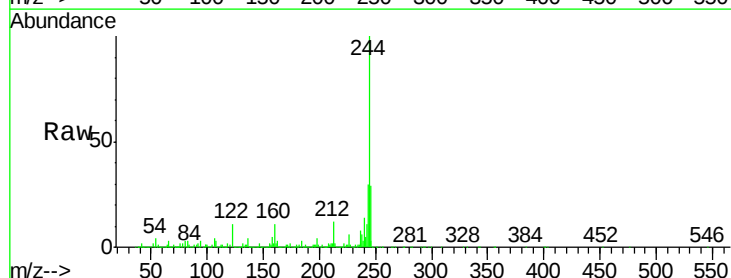
RT: 20.21 min Scan# 2956

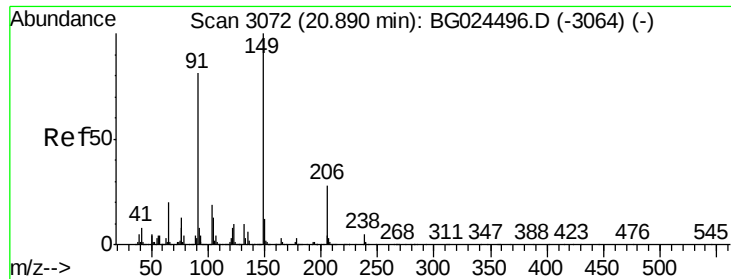
Delta R.T. -0.01 min

Lab File: BG024658.D

Acq: 3 Nov 2016 22:23

Tgt Ion:	244	Resp:	3070013
Ion	Ratio	Lower	Upper
244	100		
212	11.7	10.0	15.0
122	10.6	8.6	12.8





#79

Butylbenzylphthalate

Concen: 52.96 ng

RT: 20.88 min Scan# 3071

Delta R.T. -0.01 min

Lab File: BG024658.D

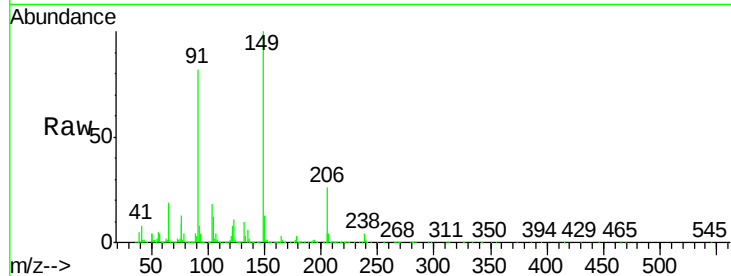
Acq: 3 Nov 2016 22:23

Instrument :

BNA_G

ClientSampleId :

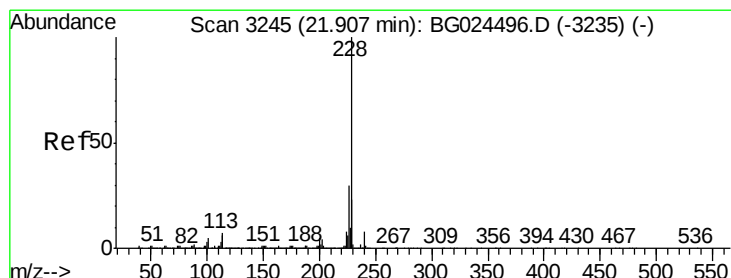
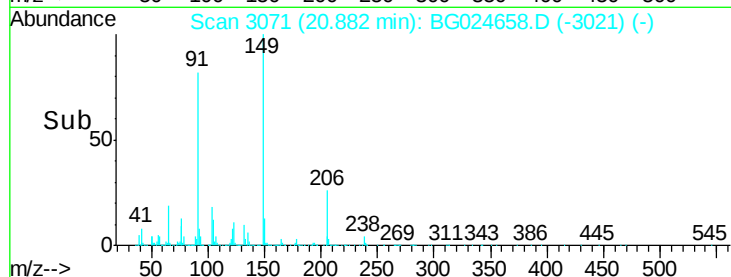
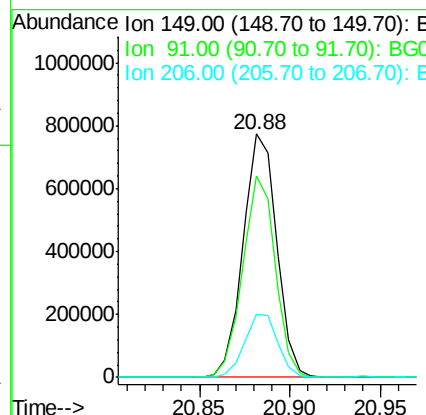
SB-78-14.0-15.0MSD



Tgt Ion	Ratio	Lower	Upper
149	100		
91	82.5	63.5	95.3
206	26.2	21.0	31.6

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#80

Benzo(a)anthracene

Concen: 50.15 ng

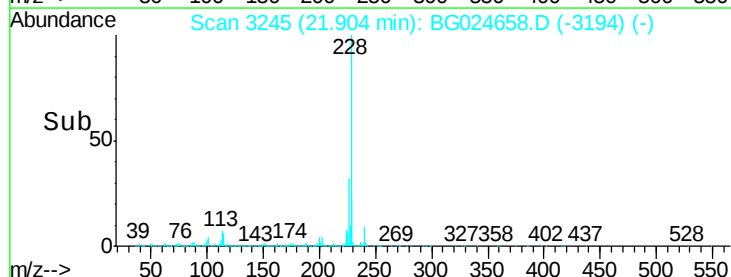
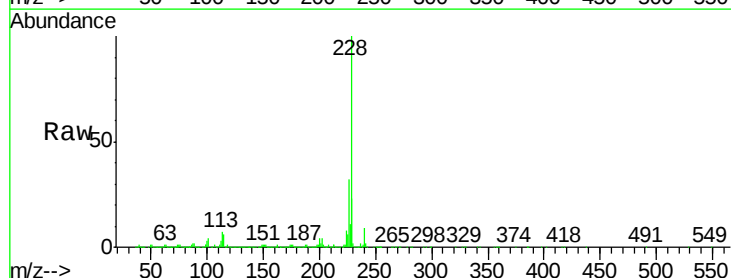
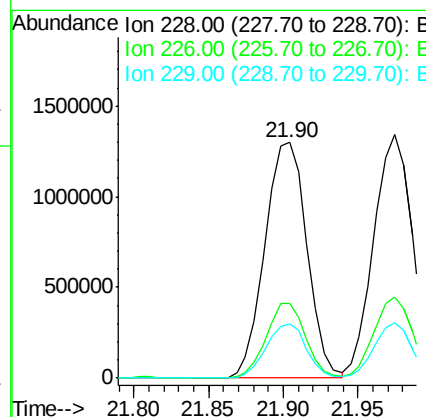
RT: 21.90 min Scan# 3245

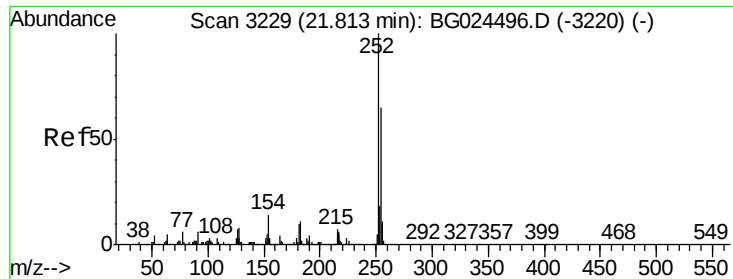
Delta R.T. -0.00 min

Lab File: BG024658.D

Acq: 3 Nov 2016 22:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.9	37.3
229	23.0	18.2	27.2





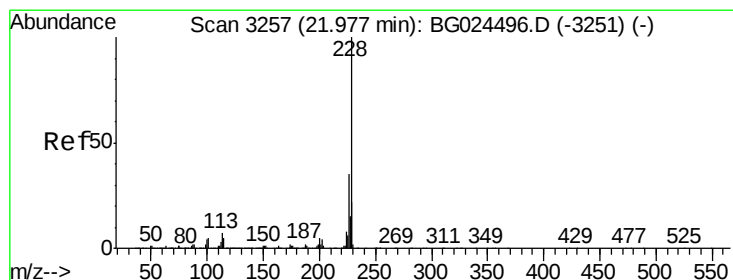
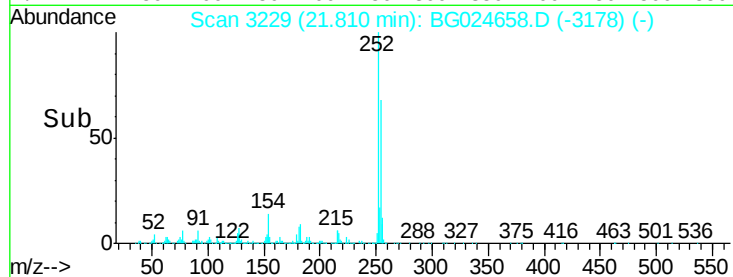
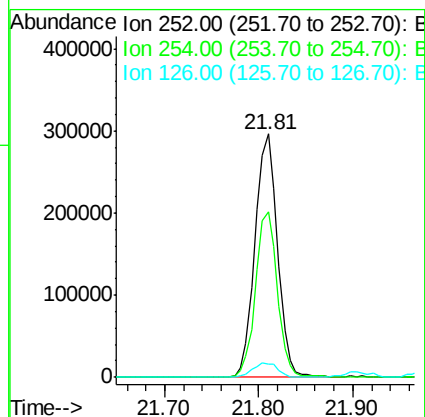
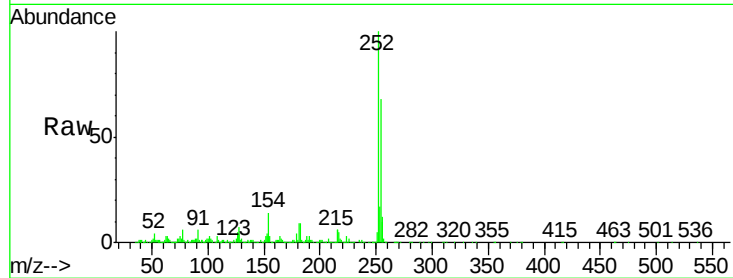
#81
 3,3'-Dichlorobenzidine
 Concen: 24.19 ng
 RT: 21.81 min Scan# 3229
 Delta R.T. -0.00 min
 Lab File: BG024658.D
 Acq: 3 Nov 2016 22:23

Instrument :
 BNA_G
 ClientSampleId :
 SB-78-14.0-15.0MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
254	67.7	53.1	79.7
126	5.4	7.0	10.4

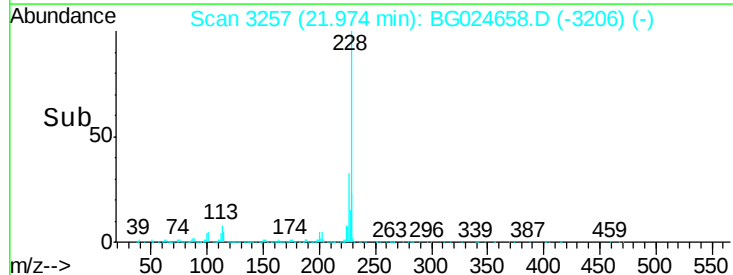
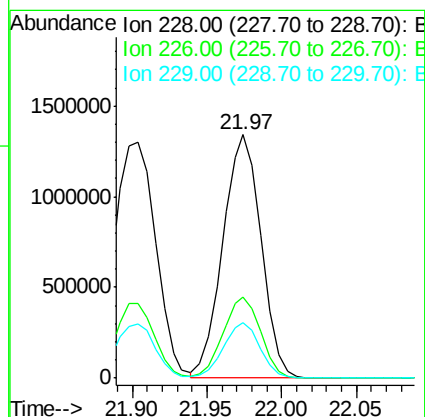
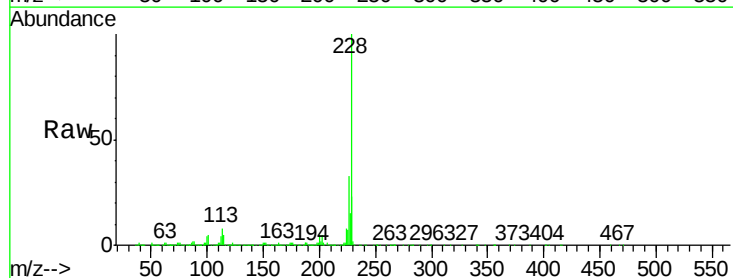
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#82
 Chrysene
 Concen: 49.55 ng
 RT: 21.97 min Scan# 3257
 Delta R.T. -0.00 min
 Lab File: BG024658.D
 Acq: 3 Nov 2016 22:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.3	27.0	40.4
229	22.6	17.8	26.6





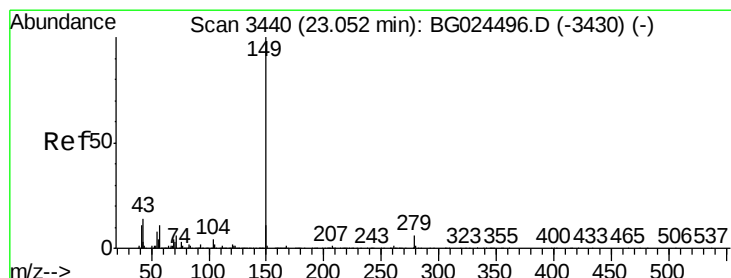
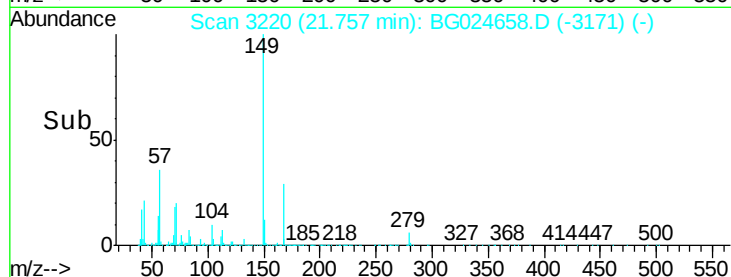
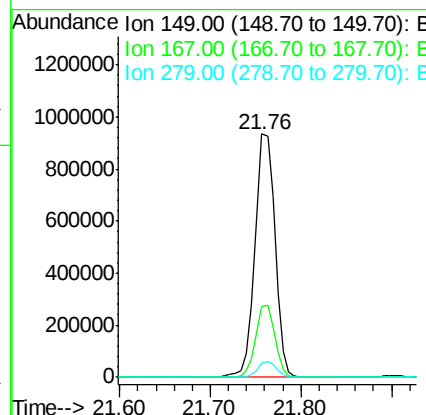
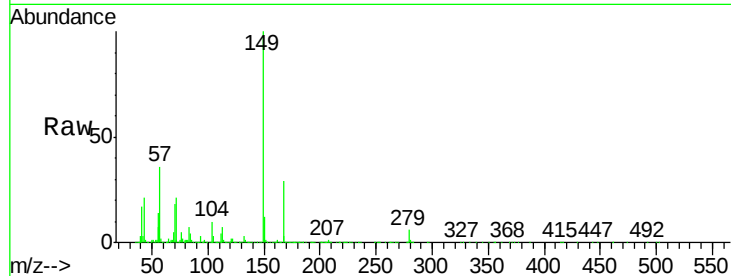
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 52.80 ng
 RT: 21.76 min Scan# 3220
 Delta R.T. -0.01 min
 Lab File: BG024658.D
 Acq: 3 Nov 2016 22:23

Instrument :
 BNA_G
 ClientSampleId :
 SB-78-14.0-15.0MSD

Tgt Ion:149 Resp: 1421863
 Ion Ratio Lower Upper
 149 100
 167 29.2 23.7 35.5
 279 5.8 4.6 6.8

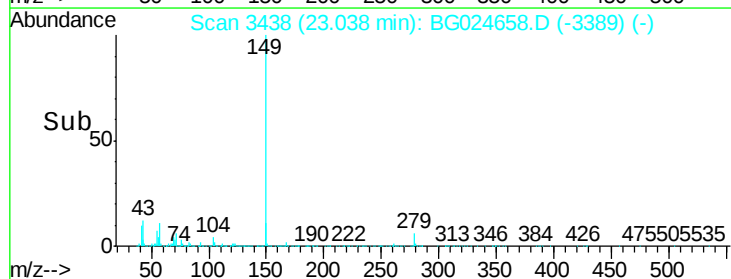
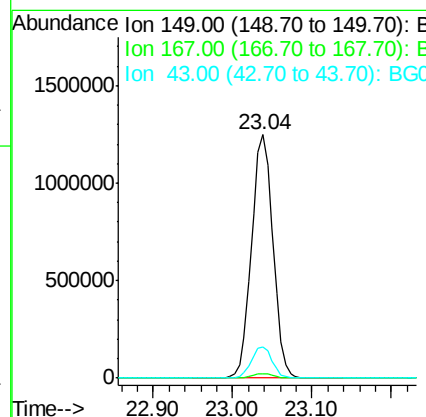
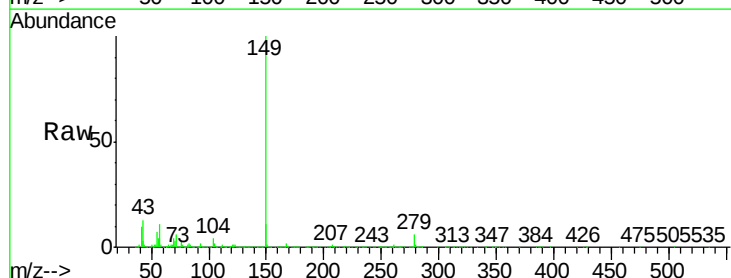
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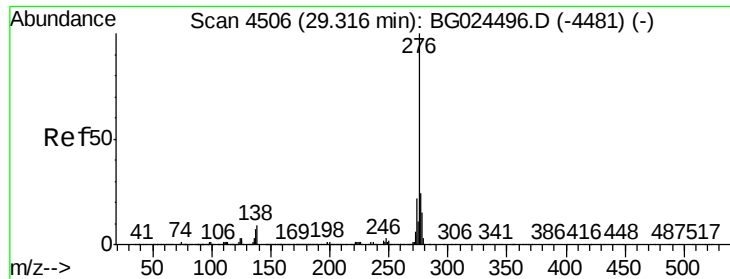
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#84
 Di-n-octyl phthalate
 Concen: 52.42 ng
 RT: 23.04 min Scan# 3438
 Delta R.T. -0.01 min
 Lab File: BG024658.D
 Acq: 3 Nov 2016 22:23

Tgt Ion:149 Resp: 2342995
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.4 2.2
 43 12.6 11.8 17.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 48.54 ng

RT: 29.30 min Scan# 4503

Delta R.T. -0.02 min

Lab File: BG024658.D

Acq: 3 Nov 2016 22:23

Instrument :

BNA_G

ClientSampleId :

SB-78-14.0-15.0MSD

Tgt Ion:276 Resp: 3238155

Ion Ratio Lower Upper

276 100

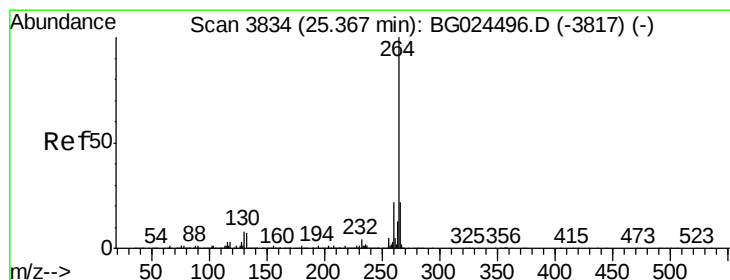
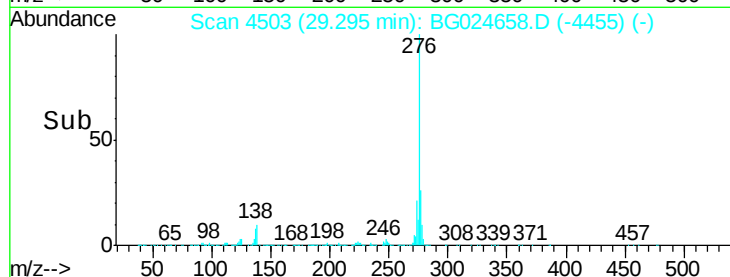
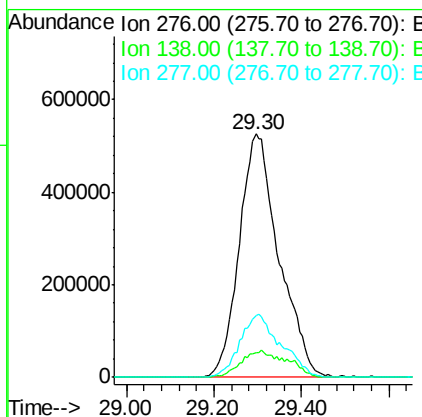
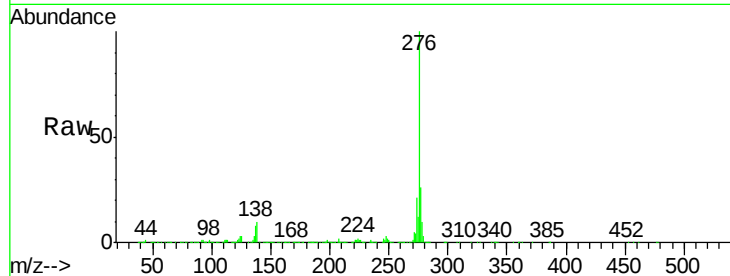
138 12.9 4.7 7.1#

277 26.7 20.6 31.0

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#86

Perylene-d12

Concen: 20.00 ng

RT: 25.35 min Scan# 3832

Delta R.T. -0.01 min

Lab File: BG024658.D

Acq: 3 Nov 2016 22:23

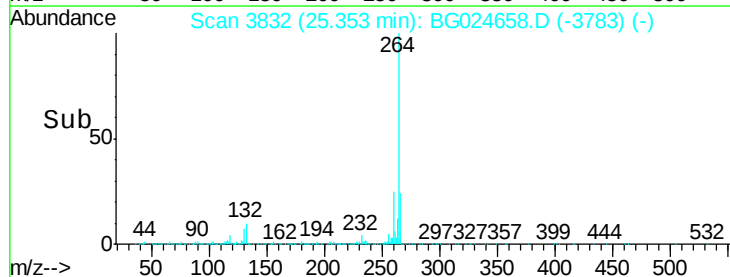
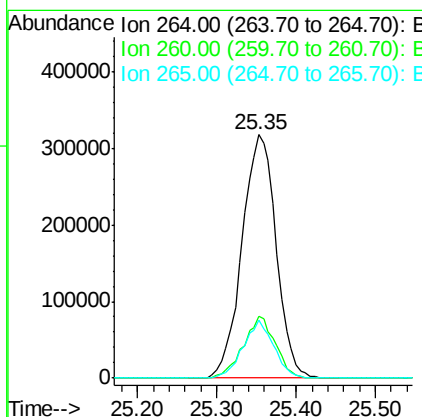
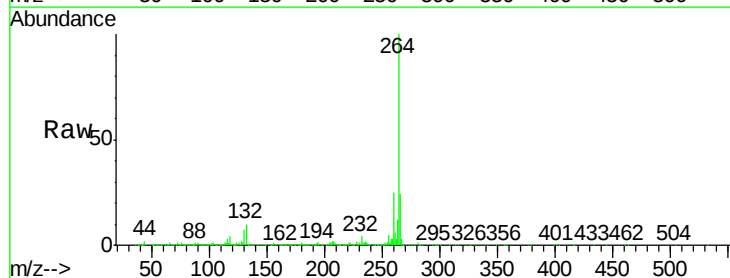
Tgt Ion:264 Resp: 950958

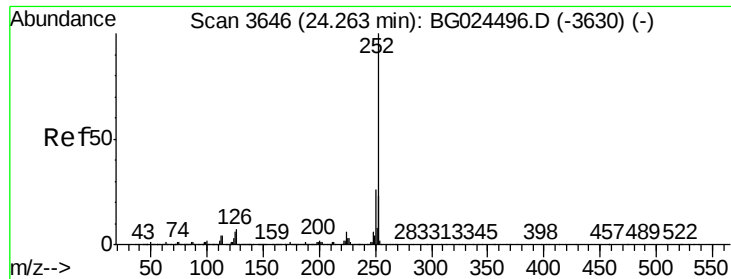
Ion Ratio Lower Upper

264 100

260 25.1 21.8 32.8

265 23.8 18.2 27.4





#87

Benzo(b)fluoranthene

Concen: 50.49 ng

RT: 24.25 min Scan# 3645

Delta R.T. -0.01 min

Lab File: BG024658.D

Acq: 3 Nov 2016 22:23

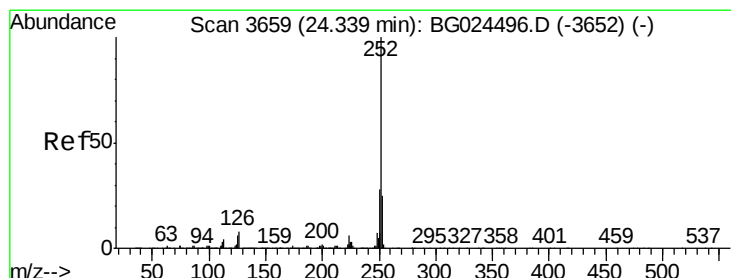
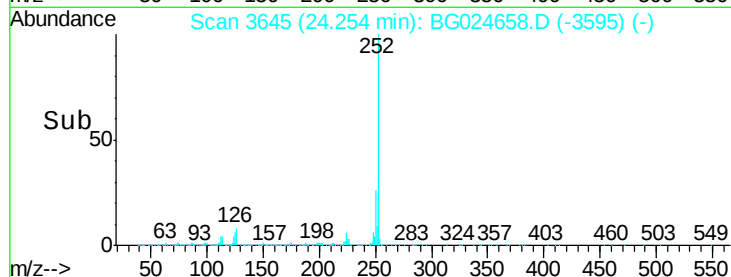
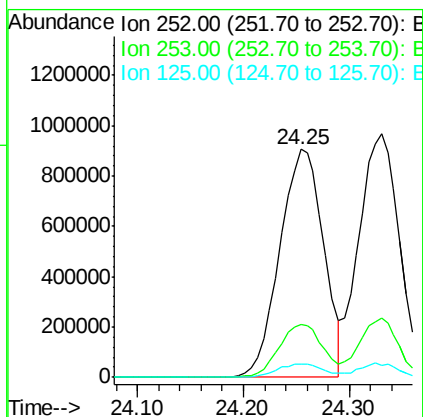
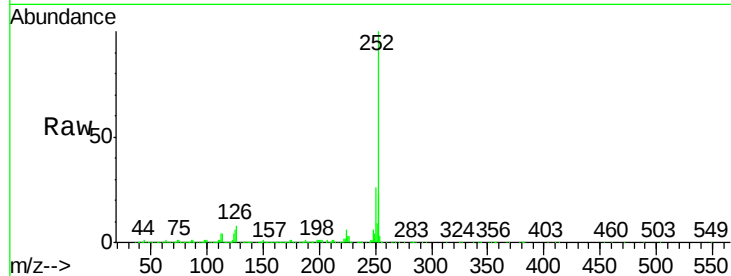
Instrument :
BNA_G

ClientSampleId :
SB-78-14.0-15.0MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.7	28.1
125	5.7	5.3	7.9

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#88

Benzo(k)fluoranthene

Concen: 51.88 ng m

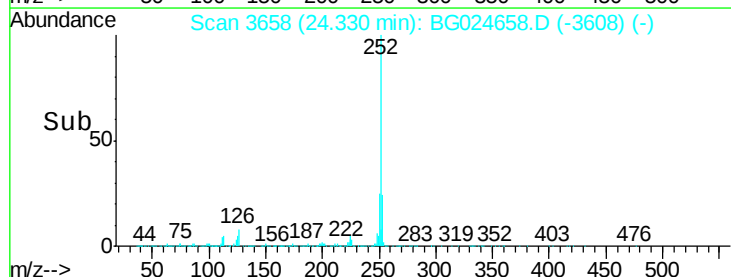
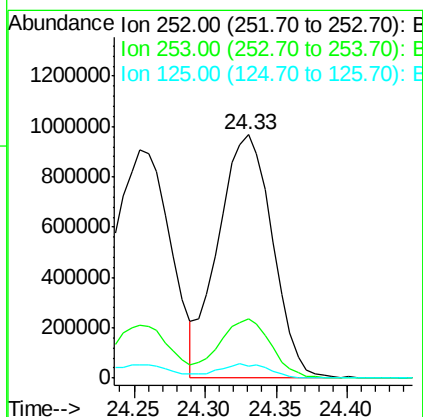
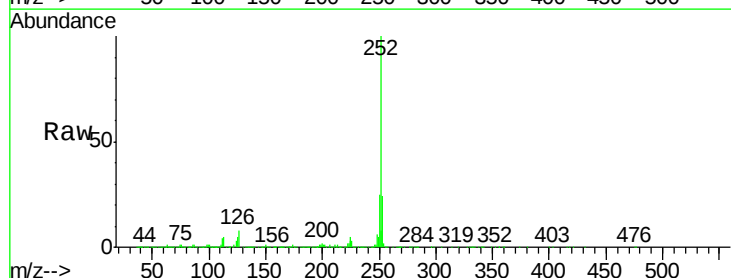
RT: 24.33 min Scan# 3658

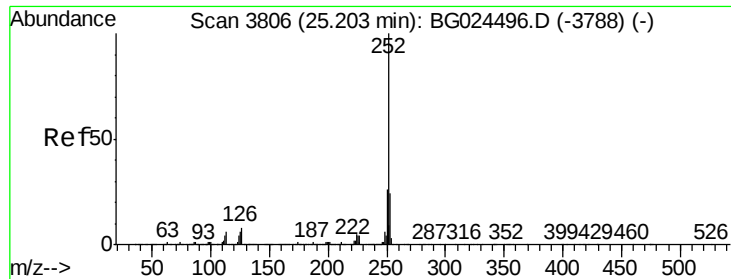
Delta R.T. -0.01 min

Lab File: BG024658.D

Acq: 3 Nov 2016 22:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	20.2	30.2
125	5.1	5.1	7.7#





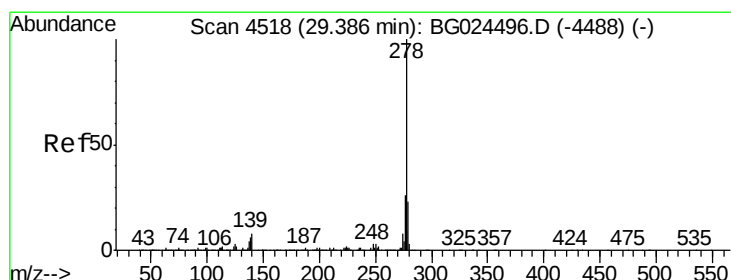
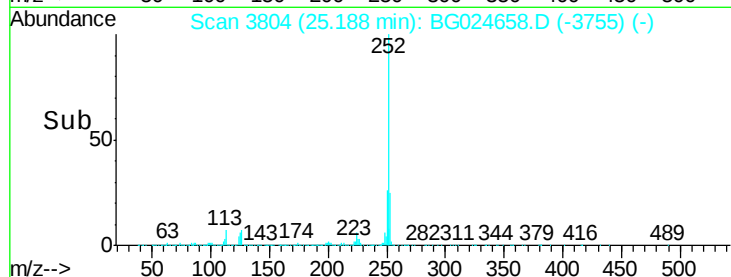
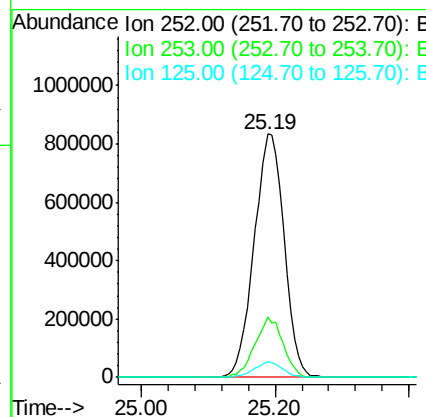
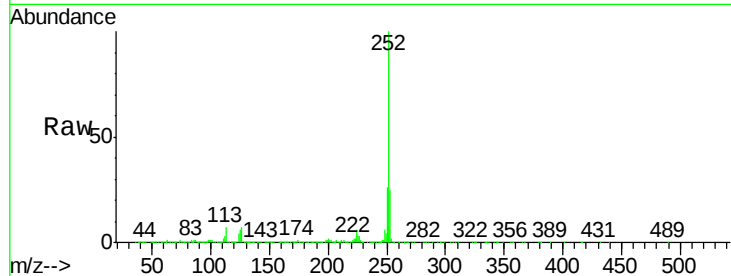
#89
Benzo(a)pyrene
Concen: 51.12 ng
RT: 25.19 min Scan# 3804
Delta R.T. -0.01 min
Lab File: BG024658.D
Acq: 3 Nov 2016 22:23

Instrument :
BNA_G
ClientSampleId :
SB-78-14.0-15.0MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	19.2	28.8
125	6.3	5.4	8.0

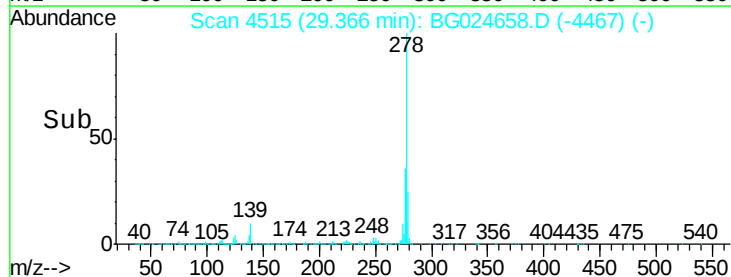
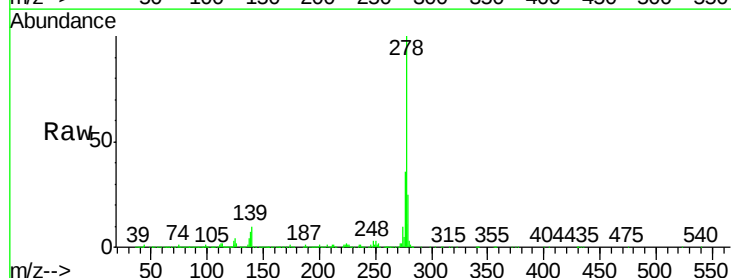
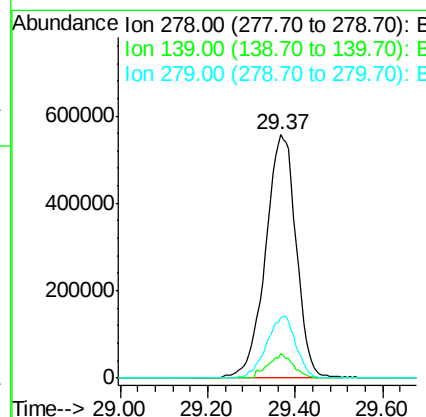
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#90
Dibenzo(a,h)anthracene
Concen: 48.72 ng
RT: 29.37 min Scan# 4515
Delta R.T. -0.02 min
Lab File: BG024658.D
Acq: 3 Nov 2016 22:23

Tgt Ion	Ratio	Lower	Upper
278	100		
139	10.2	7.7	11.5
279	25.1	19.1	28.7





#91
 Benzo(g,h,i)perylene
 Concen: 48.33 ng
 RT: 30.54 min Scan# 4715
 Delta R.T. -0.03 min
 Lab File: BG024658.D
 Acq: 3 Nov 2016 22:23

Instrument :
 BNA_G
 ClientSampleId :
 SB-78-14.0-15.0MSD

Tgt	Ion	Ratio	Lower	Upper
276	100			
277	25.7	18.6	27.8	
138	11.7	8.1	12.1	

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