

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102516\
 Data File : BG024504.D
 Acq On : 25 Oct 2016 19:30
 Operator : UM/SJ
 Sample : PB94296BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB94296BS

Manual Integrations
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Quant Time: Oct 26 11:29:28 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	8.28	152	89293	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	363461	20.00	ng	0.00
38) Acenaphthene-d10	14.89	164	279018	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	699406	20.00	ng	0.00
75) Chrysene-d12	21.93	240	1008669	20.00	ng	0.00
86) Perylene-d12	25.36	264	1088650	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	463068	85.00	ng	0.00
7) Phenol-d6	7.41	99	646625	86.53	ng	0.00
23) Nitrobenzene-d5	9.45	82	681175	85.33	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	378747	90.86	ng	0.00
44) 2-Fluorobiphenyl	13.52	172	1450039	86.38	ng	0.00
78) Terphenyl-d14	20.21	244	2839092	84.11	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.66	88	81115	36.44	ng	97
3) Pyridine	4.07	79	248191	37.24	ng	94
4) n-Nitrosodimethylamine	3.99	42	143908	41.71	ng	97
6) Aniline	7.59	93	255759	27.01	ng	97
8) 2-Chlorophenol	7.83	128	249828	45.10	ng	96
9) Benzaldehyde	7.41	77	64335	13.93	ng	85
10) Phenol	7.43	94	360741	46.83	ng	95
11) bis(2-Chloroethyl)ether	7.68	93	246873	42.66	ng	92
12) 1,3-Dichlorobenzene	8.16	146	276655	40.34	ng	95
13) 1,4-Dichlorobenzene	8.31	146	288961	42.66	ng	96
14) 1,2-Dichlorobenzene	8.63	146	279241	42.88	ng	96
15) Benzyl Alcohol	8.50	79	297224	42.75	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.80	45	430531	40.09	ng	94
17) 2-Methylphenol	8.70	107	229430	44.95	ng	97
18) Hexachloroethane	9.36	117	111620	42.87	ng	95
19) n-Nitroso-di-n-propylamine	9.07	70	235960	42.84	ng	90
20) 3+4-Methylphenols	9.03	107	322219	47.01	ng	97
22) Acetophenone	9.10	105	397577	42.58	ng	# 92
24) Nitrobenzene	9.49	77	370206	41.69	ng	98
25) Isophorone	10.01	82	648055	43.64	ng	96
26) 2-Nitrophenol	10.20	139	136551	41.43	ng	90
27) 2,4-Dimethylphenol	10.24	122	269461	46.70	ng	97
28) bis(2-Chloroethoxy)methane	10.48	93	351777	45.79	ng	99
29) 2,4-Dichlorophenol	10.73	162	284716	47.01	ng	94
30) 1,2,4-Trichlorobenzene	10.96	180	295831	41.17	ng	98
31) Naphthalene	11.15	128	738993	40.76	ng	98
32) Benzoic acid	10.34	122	173803	36.17	ng	90
33) 4-Chloroaniline	11.25	127	184808	23.48	ng	95
34) Hexachlorobutadiene	11.42	225	229199	40.76	ng	99
35) Caprolactam	12.02	113	103963m	46.89	ng	
36) 4-Chloro-3-methylphenol	12.34	107	333363	45.59	ng	96
37) 2-Methylnaphthalene	12.74	142	557357	42.13	ng	96
39) 1,2,4,5-Tetrachlorobenzene	13.09	216	380917	40.48	ng	99
40) Hexachlorocyclopentadiene	13.06	237	542442	102.36	ng	97

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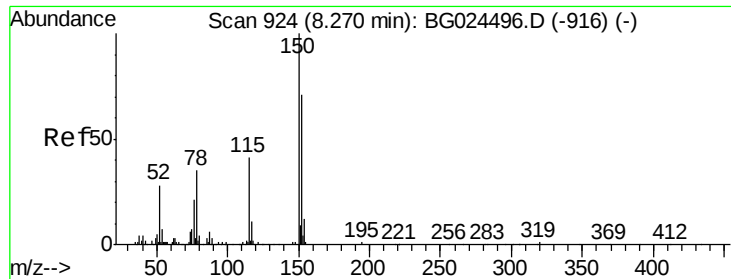
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 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.32	196	260815	46.11	nq	94
43) 2,4,5-Trichlorophenol	13.39	196	278000	45.46	nq	96
45) 1,1'-Biphenyl	13.72	154	797671	41.20	nq	94
46) 2-Chloronaphthalene	13.78	162	635813	43.12	nq	98
47) 2-Nitroaniline	13.98	65	272912	45.21	nq	98
48) Acenaphthylene	14.62	152	972598	43.02	nq	99
49) Dimethylphthalate	14.33	163	913448	46.11	nq	97
50) 2,6-Dinitrotoluene	14.46	165	205274	48.54	nq	91
51) Acenaphthene	14.95	154	681700	40.45	nq	97
52) 3-Nitroaniline	14.79	138	117199	26.78	nq	100
53) 2,4-Dinitrophenol	14.99	184	301762	98.48	nq	# 84
54) Dibenzofuran	15.29	168	1058189	45.41	nq	98
55) 4-Nitrophenol	15.07	139	374639	98.27	nq	91
56) 2,4-Dinitrotoluene	15.24	165	306350	49.85	nq	# 93
57) Fluorene	15.93	166	848091	43.89	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.50	232	308852m	48.71	nq	
59) Diethylphthalate	15.68	149	960221	46.24	nq	98
60) 4-Chlorophenyl-phenylether	15.91	204	484056	44.64	nq	97
61) 4-Nitroaniline	15.95	138	209601	43.85	nq	97
62) Azobenzene	16.21	77	993462	47.97	nq	97
64) 4,6-Dinitro-2-methylphenol	16.00	198	211920	43.98	nq	86
65) n-Nitrosodiphenylamine	16.13	169	825924	43.20	nq	96
66) 4-Bromophenyl-phenylether	16.81	248	358092	42.18	nq	96
67) Hexachlorobenzene	16.92	284	396626	42.28	nq	90
68) Atrazine	17.07	200	372688	45.44	nq	96
69) Pentachlorophenol	17.27	266	565379	91.33	nq	97
70) Phenanthrene	17.67	178	1525812	42.80	nq	98
71) Anthracene	17.76	178	1565590	43.53	nq	99
72) Carbazole	18.03	167	1416443	43.18	nq	98
73) Di-n-butylphthalate	18.56	149	1683891	44.52	nq	98
74) Fluoranthene	19.67	202	2027427	44.99	nq	97
76) Benzidine	19.84	184	994008	41.83	nq	96
77) Pyrene	20.03	202	2067013	41.92	nq	99
79) Butylbenzylphthalate	20.89	149	895361	43.56	nq	99
80) Benzo(a)anthracene	21.91	228	2376785	42.89	nq	100
81) 3,3'-Dichlorobenzidine	21.81	252	550330	24.62	nq	98
82) Chrysene	21.98	228	2212408	41.92	nq	99
83) Bis(2-ethylhexyl)phthalate	21.77	149	1280751	43.55	nq	97
84) Di-n-octyl phthalate	23.05	149	2202032	45.12	nq	95
85) Indeno(1,2,3-cd)pyrene	29.30	276	3173203	43.56	nq	100
87) Benzo(b)fluoranthene	24.26	252	2577713	43.81	nq	97
88) Benzo(k)fluoranthene	24.33	252	2422836	42.63	nq	97
89) Benzo(a)pyrene	25.20	252	2494404	43.38	nq	98
90) Dibenzo(a,h)anthracene	29.37	278	2652761	42.03	nq	99
91) Benzo(g,h,i)perylene	30.56	276	2607639	41.36	nq	99

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



#1

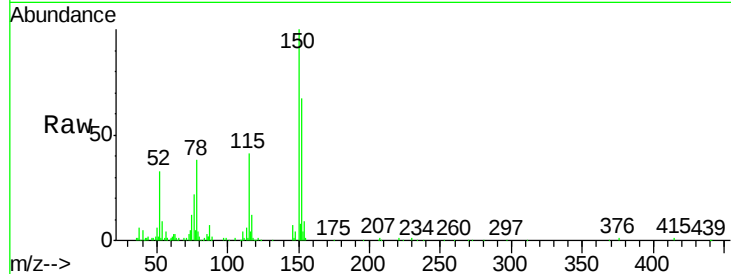
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.28 min Scan# 925
Delta R.T. 0.01 min
Lab File: BG024504.D
Acq: 25 Oct 2016 19:30

Instrument :
BNA_G
ClientSampleId :
PB94296BS

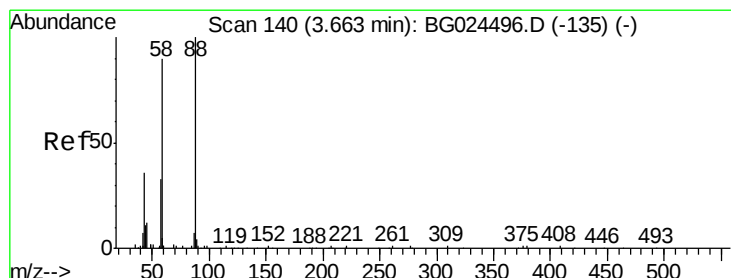
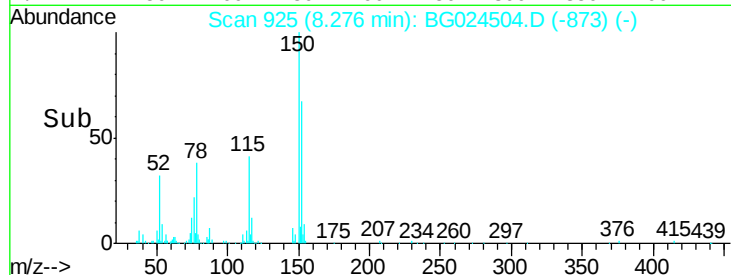
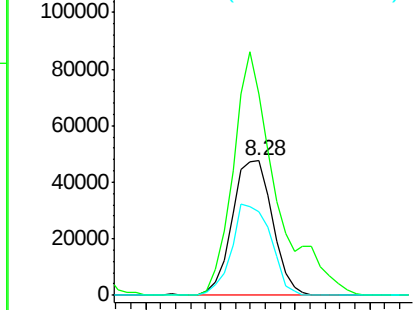
Tot Ion	Ratio	Lower	Upper
152	100		
150	150.0	114.0	171.0
115	62.1	48.1	72.1

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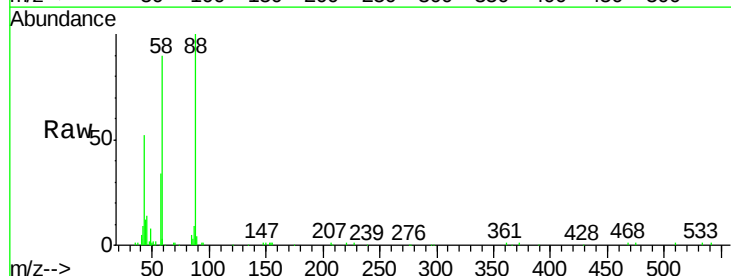
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



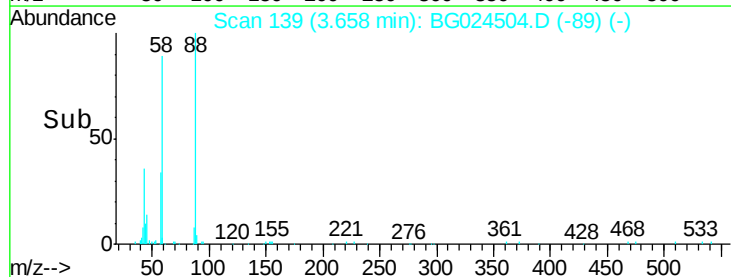
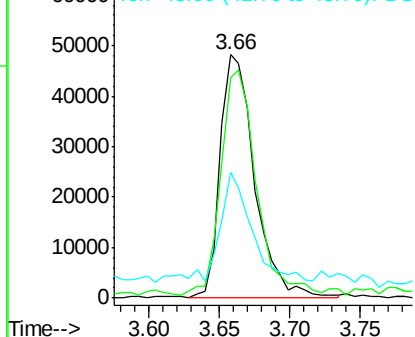
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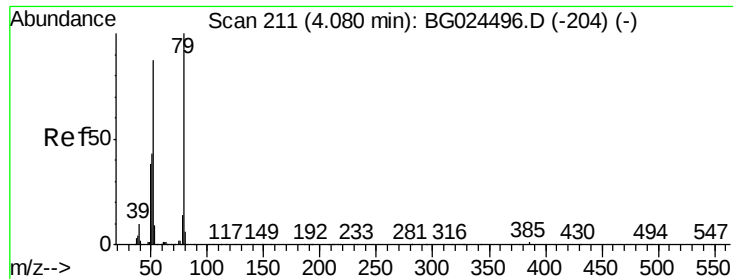
1,4-Dioxane
Concen: 36.44 ng
RT: 3.66 min Scan# 139
Delta R.T. -0.01 min
Lab File: BG024504.D
Acq: 25 Oct 2016 19:30

Tgt Ion	Ratio	Lower	Upper
88	100		
58	95.7	79.4	119.2
43	41.0	33.8	50.6



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 37.24 ng

RT: 4.07 min Scan# 209

Delta R.T. -0.01 min

Lab File: BG024504.D

Acq: 25 Oct 2016 19:30

Instrument :

BNA_G

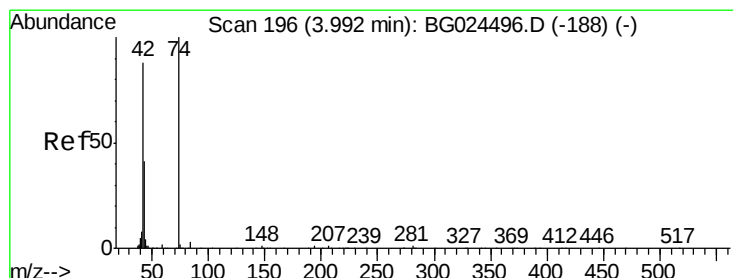
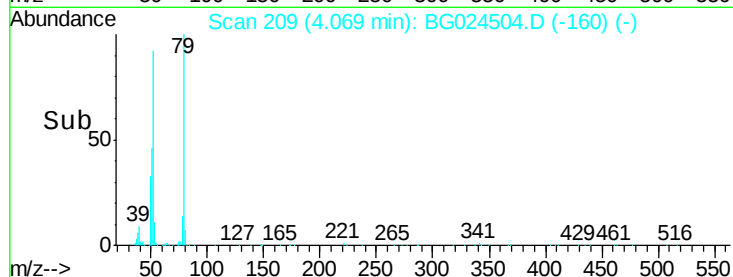
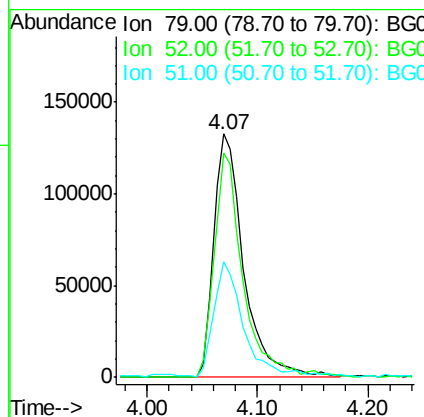
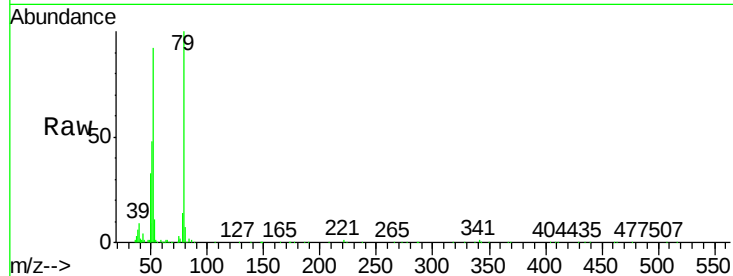
ClientSampleId :

PB94296BS

Tot Ion:	79	Resp:	248191
Ion Ratio	Lower	Upper	
79	100		
52	92.3	77.8	116.6
51	47.5	43.2	64.8

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#4

n-Nitrosodimethylamine

Concen: 41.71 ng

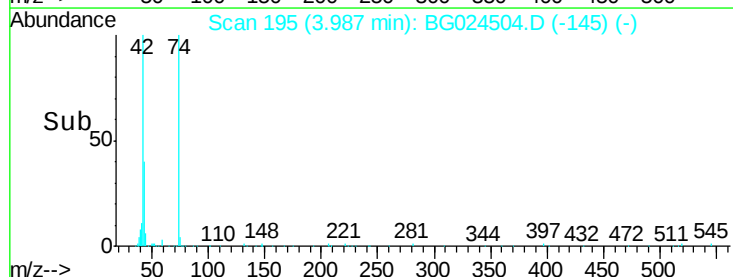
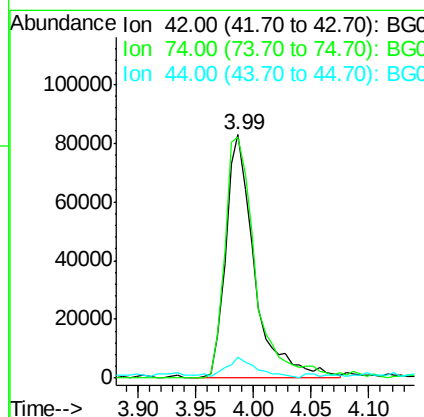
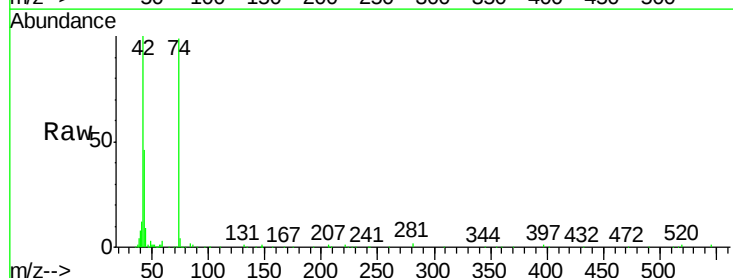
RT: 3.99 min Scan# 195

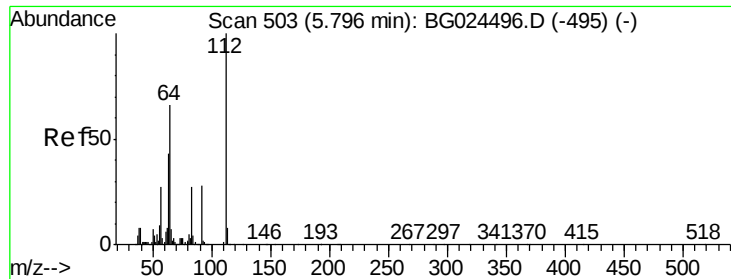
Delta R.T. -0.01 min

Lab File: BG024504.D

Acq: 25 Oct 2016 19:30

Tgt Ion:	42	Resp:	143908
Ion Ratio	Lower	Upper	
42	100		
74	99.2	76.7	115.1
44	8.5	6.1	9.1





#5

2-Fluorophenol

Concen: 85.00 ng

RT: 5.80 min Scan# 503

Delta R.T. 0.00 min

Lab File: BG024504.D

Acq: 25 Oct 2016 19:30

Instrument :

BNA_G

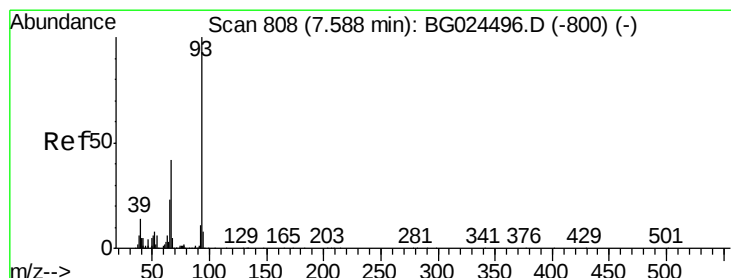
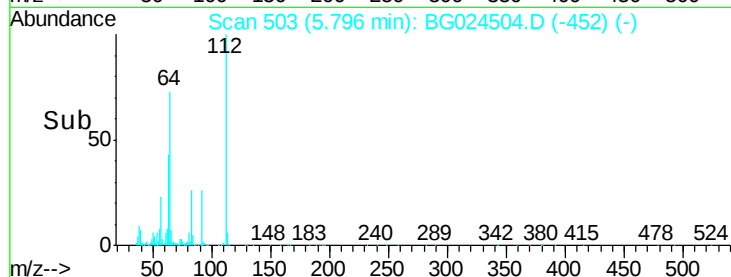
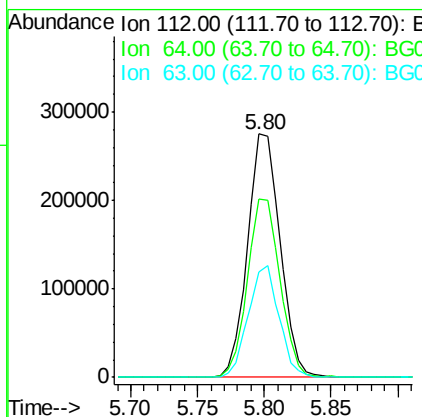
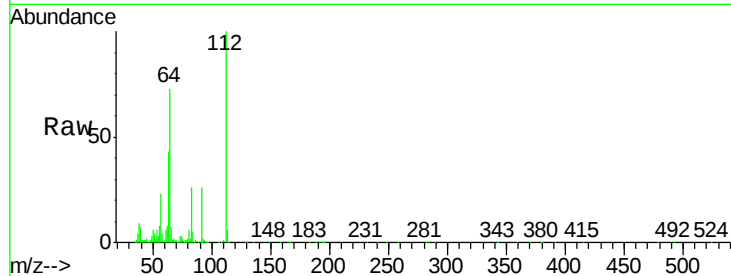
ClientSampleId :

PB94296BS

Tot Ion:	112	Resp:	463068
Ion Ratio	Lower	Upper	
112	100		
64	73.1	61.8	92.6
63	43.5	37.2	55.8

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#6

Aniline

Concen: 27.01 ng

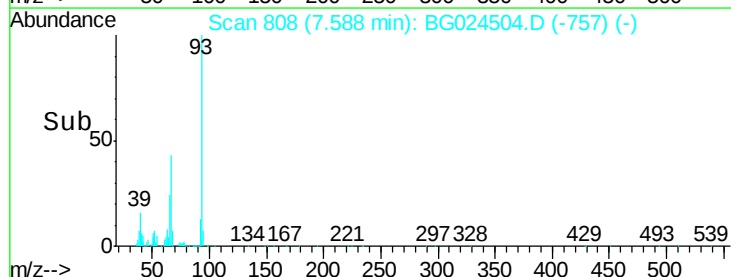
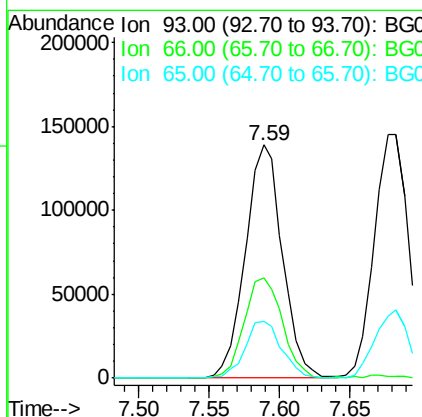
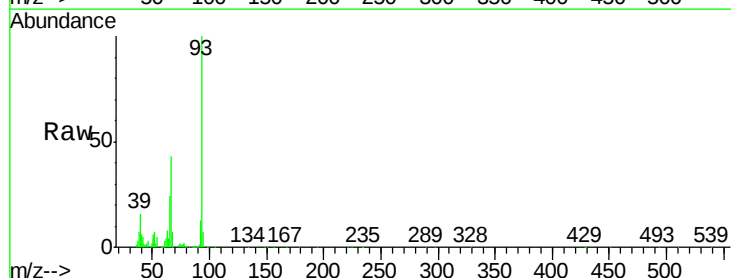
RT: 7.59 min Scan# 808

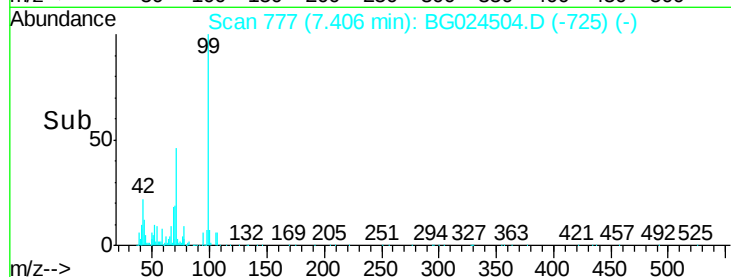
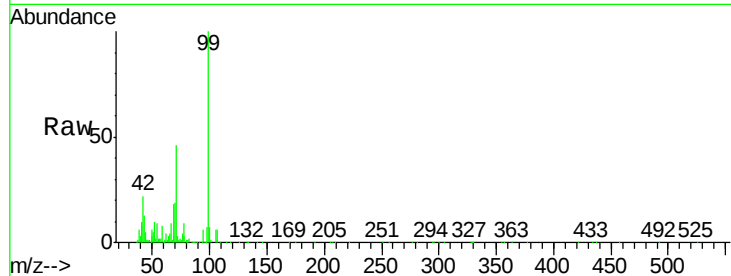
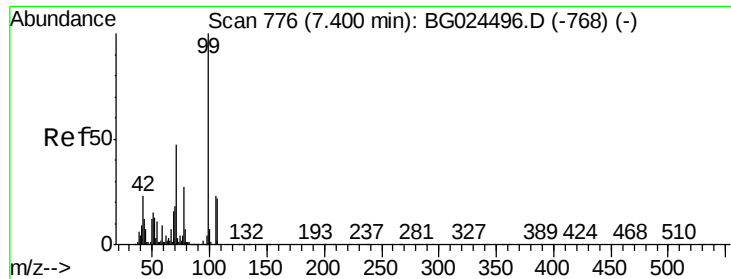
Delta R.T. 0.00 min

Lab File: BG024504.D

Acq: 25 Oct 2016 19:30

Tgt Ion:	93	Resp:	255759
Ion Ratio	Lower	Upper	
93	100		
66	43.1	35.4	53.2
65	24.4	21.2	31.8





#7

Phenol-d6

Concen: 86.53 ng

RT: 7.41 min Scan# 777

Delta R.T. 0.01 min

Lab File: BG024504.D

Acq: 25 Oct 2016 19:30

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		646625		
42	22.1	20.5	30.7		
71	46.0	37.6	56.4		

Instrument :

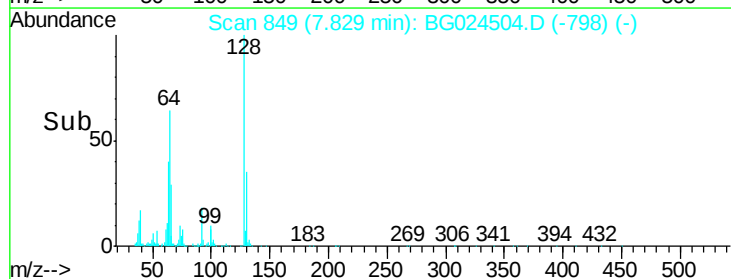
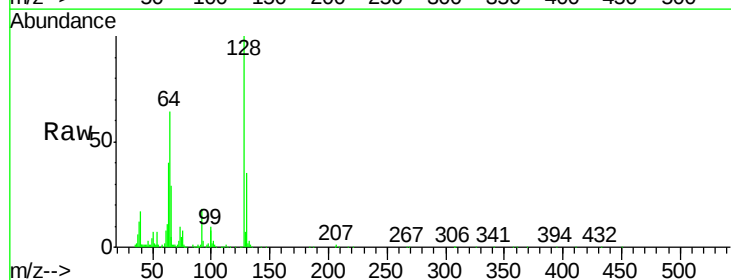
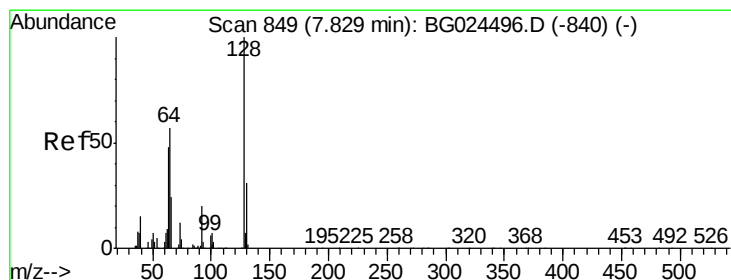
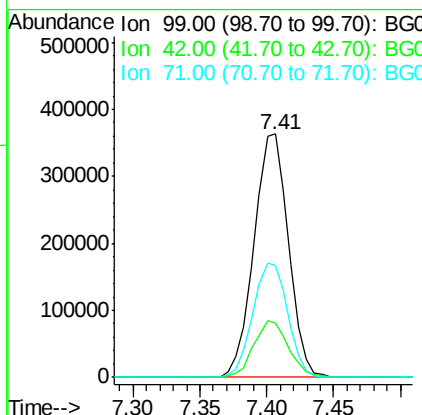
BNA_G

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PB94296BS

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#8

2-Chlorophenol

Concen: 45.10 ng

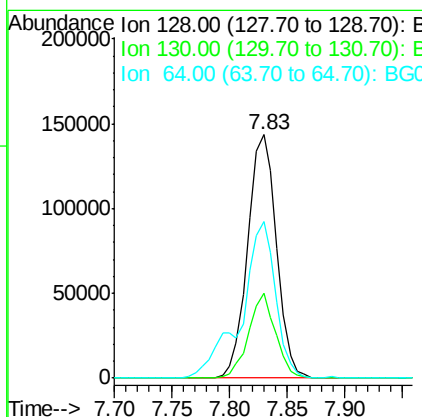
RT: 7.83 min Scan# 849

Delta R.T. 0.00 min

Lab File: BG024504.D

Acq: 25 Oct 2016 19:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		249828		
130	35.0	11.4	51.4		
64	64.1	46.6	86.6		





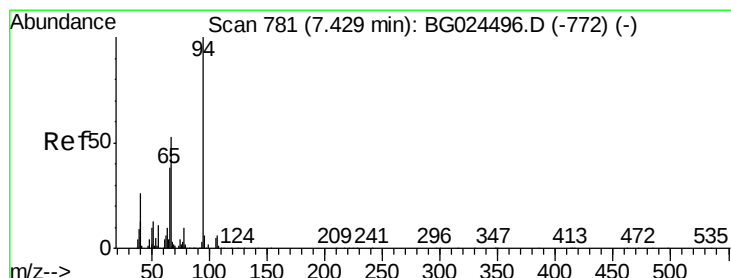
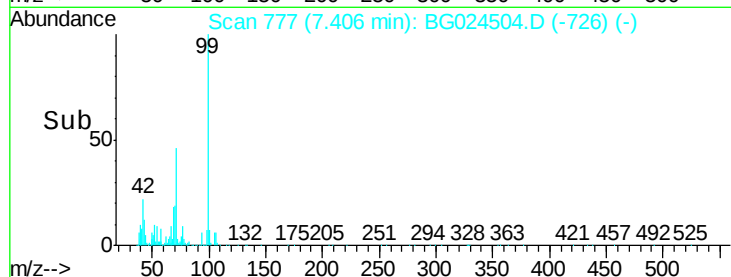
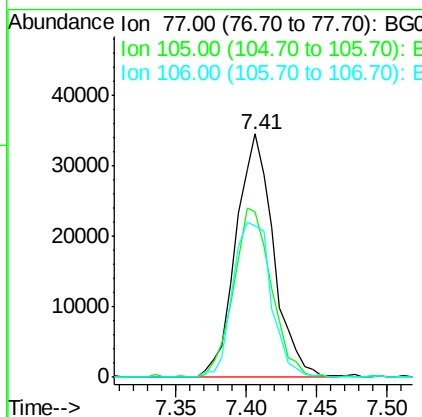
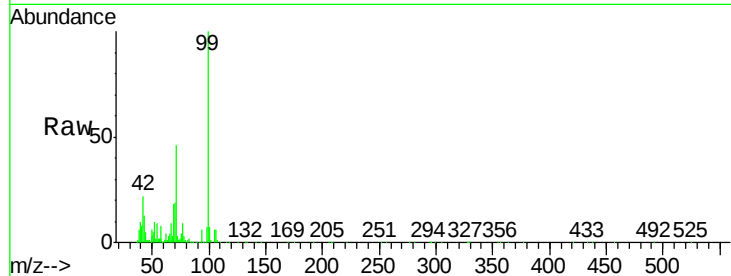
#9
Benzaldehyde
Concen: 13.93 ng
RT: 7.41 min Scan# 777
Delta R.T. 0.00 min
Lab File: BG024504.D
Acq: 25 Oct 2016 19:30

Instrument :
BNA_G
ClientSampleId :
PB94296BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	67.8	60.9	100.9
106	62.1	55.1	95.1

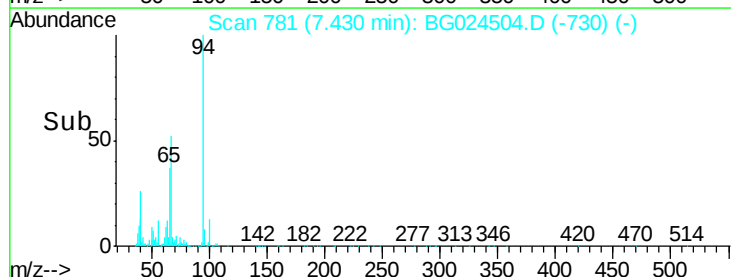
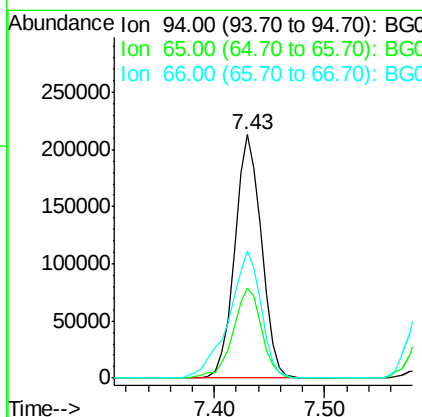
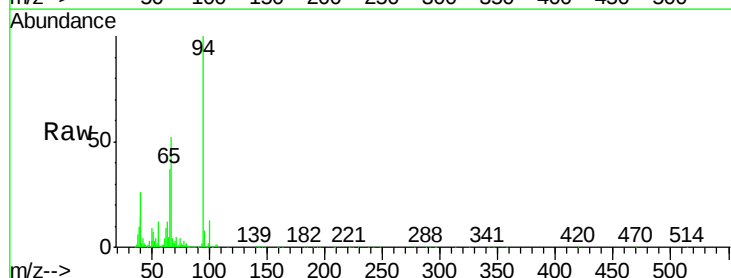
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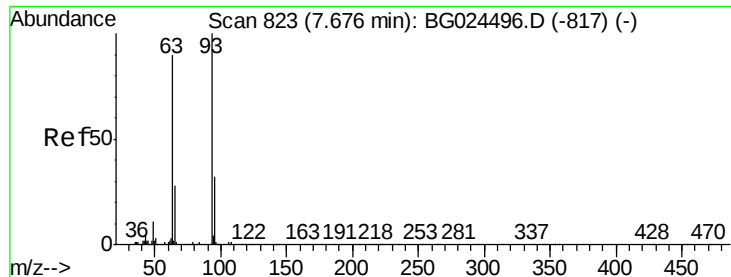
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#10
Phenol
Concen: 46.83 ng
RT: 7.43 min Scan# 781
Delta R.T. 0.00 min
Lab File: BG024504.D
Acq: 25 Oct 2016 19:30

Tgt Ion	Ratio	Lower	Upper
94	100		
65	37.2	20.6	60.6
66	52.4	35.5	75.5





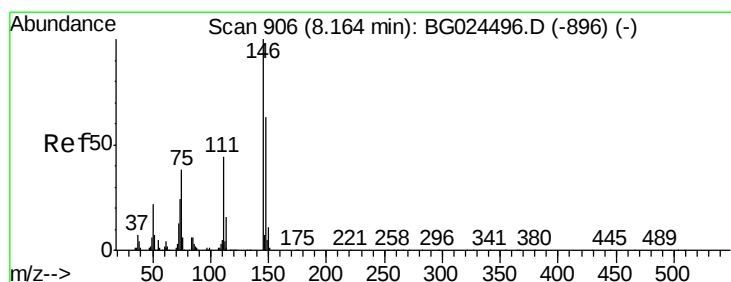
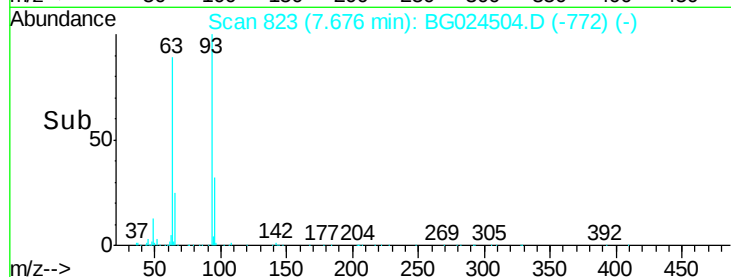
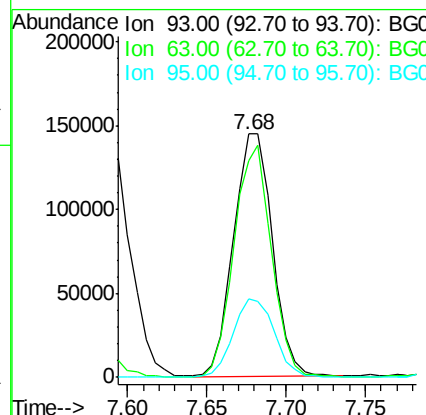
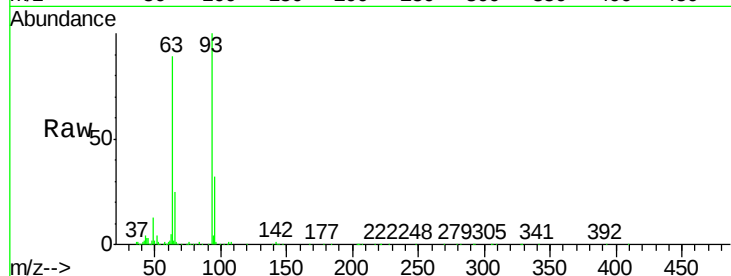
#11
bis(2-Chloroethyl)ether
Concen: 42.66 ng
RT: 7.68 min Scan# 823
Delta R.T. 0.00 min
Lab File: BG024504.D
Acq: 25 Oct 2016 19:30

Instrument :
BNA_G
ClientSampleId :
PB94296BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	89.2	78.5	118.5
95	32.1	9.8	49.8

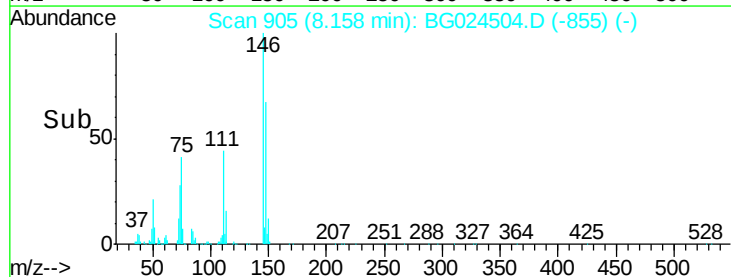
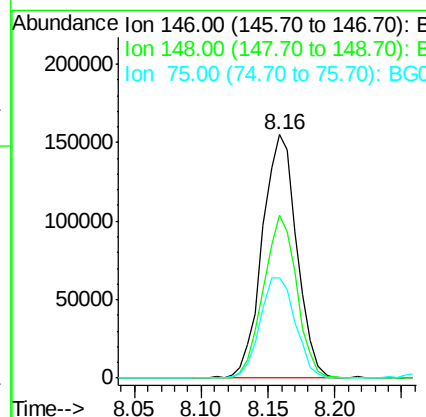
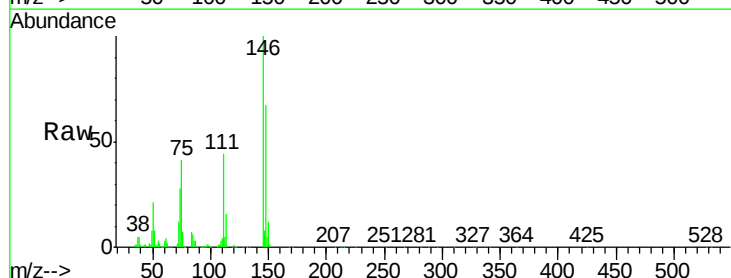
Manual Integrations
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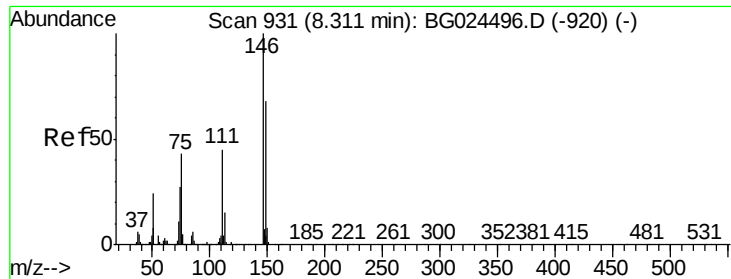
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#12
1,3-Dichlorobenzene
Concen: 40.34 ng
RT: 8.16 min Scan# 905
Delta R.T. -0.01 min
Lab File: BG024504.D
Acq: 25 Oct 2016 19:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.0	49.2	73.8
75	41.3	33.4	50.2





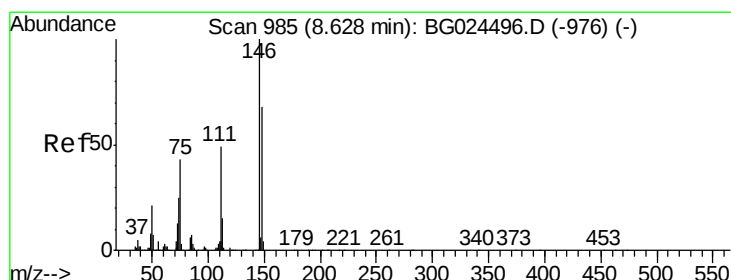
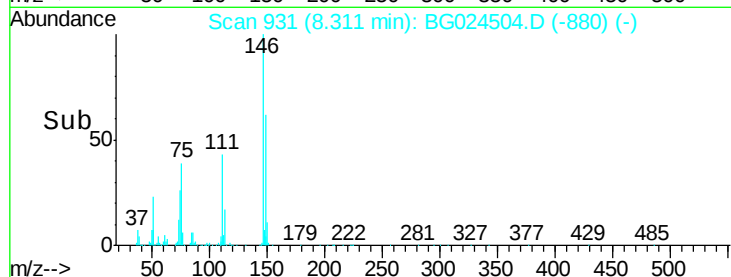
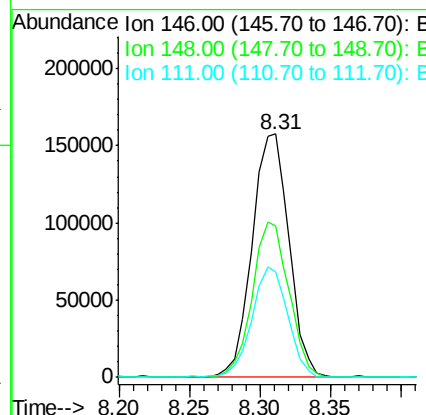
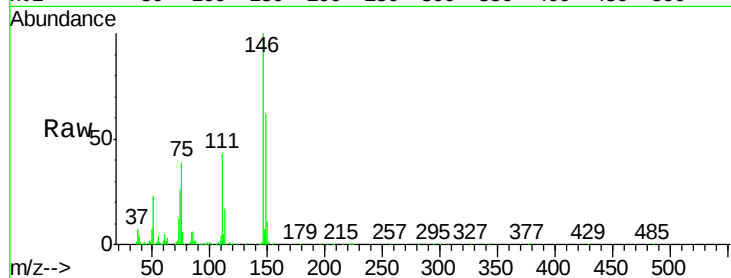
#13
1,4-Dichlorobenzene
Concen: 42.66 ng
RT: 8.31 min Scan# 931
Delta R.T. 0.00 min
Lab File: BG024504.D
Acq: 25 Oct 2016 19:30

Instrument :
BNA_G
ClientSampleId :
PB94296BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.3	52.2	78.2
111	43.2	37.0	55.6

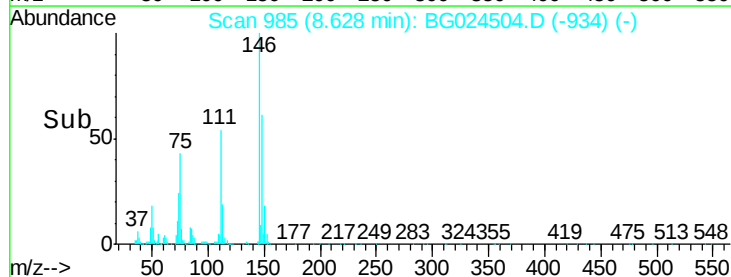
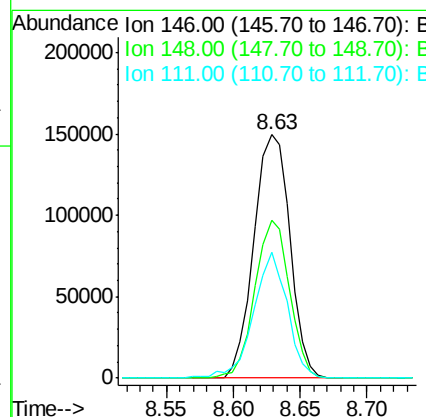
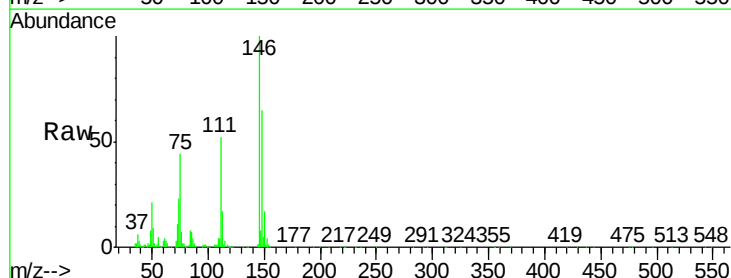
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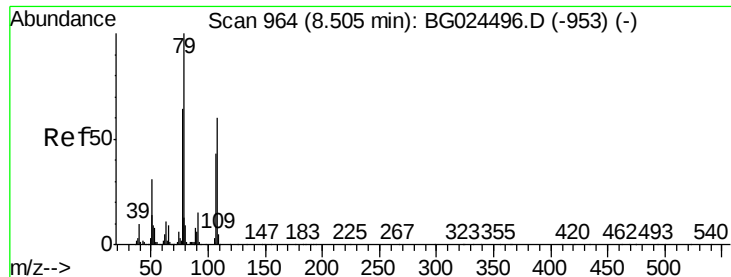
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#14
1,2-Dichlorobenzene
Concen: 42.88 ng
RT: 8.63 min Scan# 985
Delta R.T. 0.00 min
Lab File: BG024504.D
Acq: 25 Oct 2016 19:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	54.6	81.8
111	51.9	39.7	59.5





#15

Benzyl Alcohol

Concen: 42.75 ng

RT: 8.50 min Scan# 964

Delta R.T. 0.00 min

Lab File: BG024504.D

Acq: 25 Oct 2016 19:30

Instrument :

BNA_G

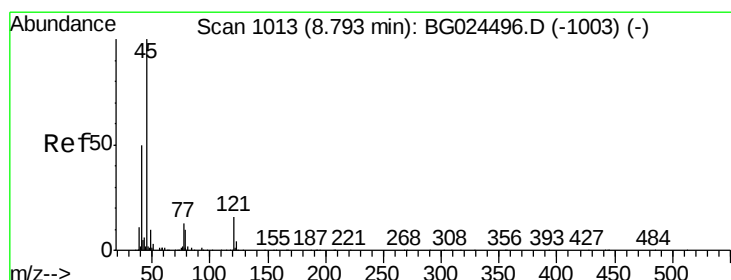
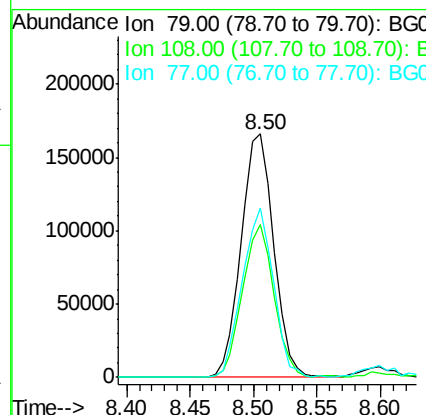
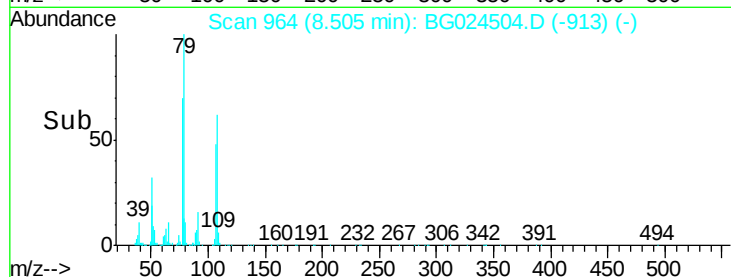
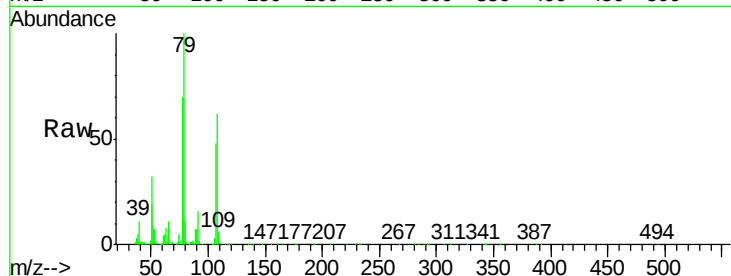
ClientSampleID :

PB94296BS

Tot Ion:	79	Resp:	297224
Ion Ratio	Lower	Upper	
79	100		
108	62.5	45.5	68.3
77	69.7	54.3	81.5

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.09 ng

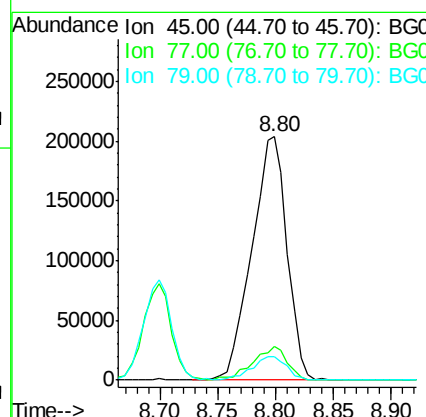
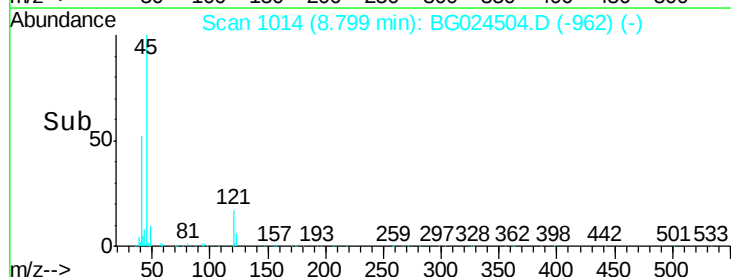
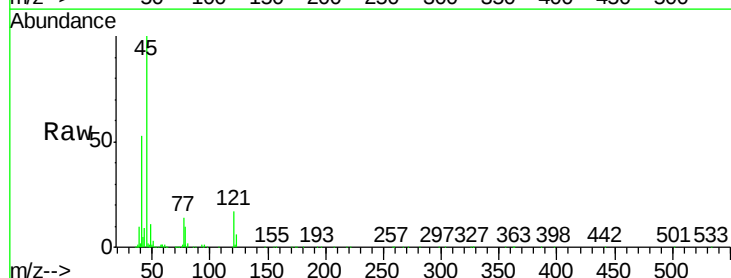
RT: 8.80 min Scan# 1014

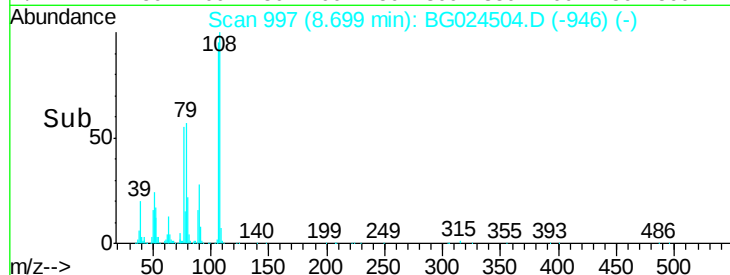
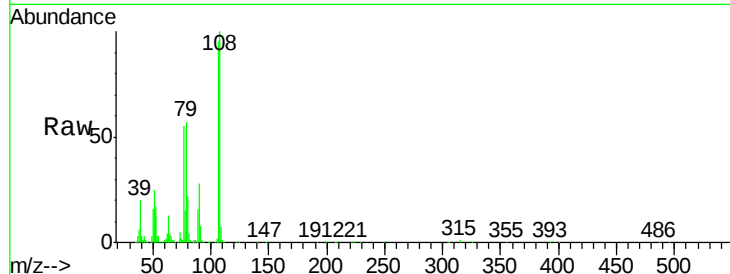
Delta R.T. 0.01 min

Lab File: BG024504.D

Acq: 25 Oct 2016 19:30

Tgt Ion:	45	Resp:	430531
Ion Ratio	Lower	Upper	
45	100		
77	13.9	0.0	30.6
79	9.6	0.0	28.5





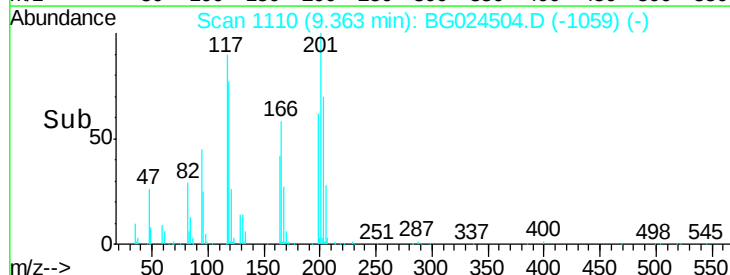
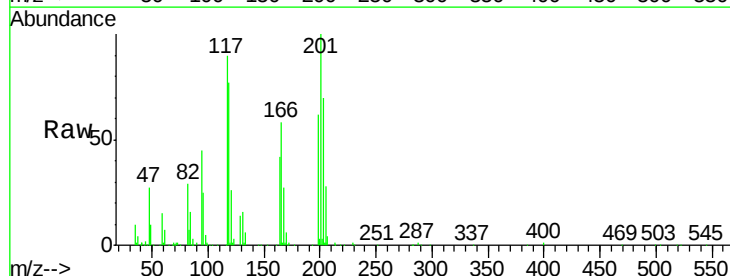
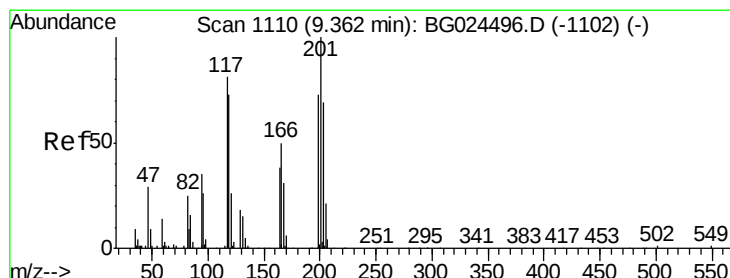
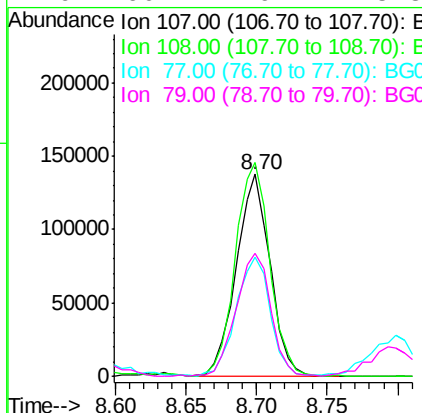
#17
2-Methylphenol
Concen: 44.95 ng
RT: 8.70 min Scan# 997
Delta R.T. 0.00 min
Lab File: BG024504.D
Acq: 25 Oct 2016 19:30

Tot Ion	Ratio	Resp	Lower	Upper
107	100	229430		
108	105.8	85.6	128.4	
77	58.7	51.4	77.2	
79	60.7	49.2	73.8	

Instrument :
BNA_G
ClientSampleId :
PB94296BS

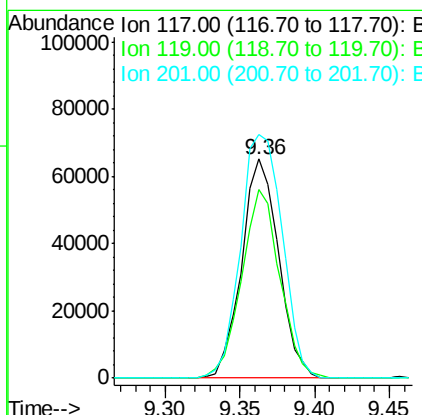
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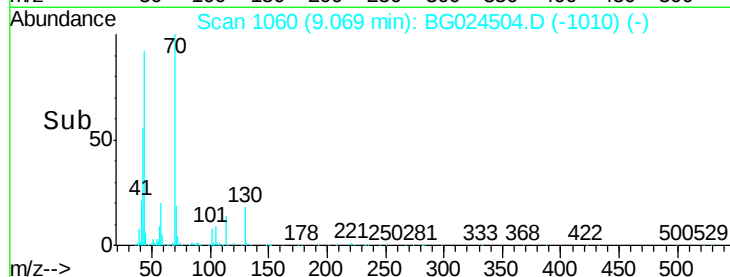
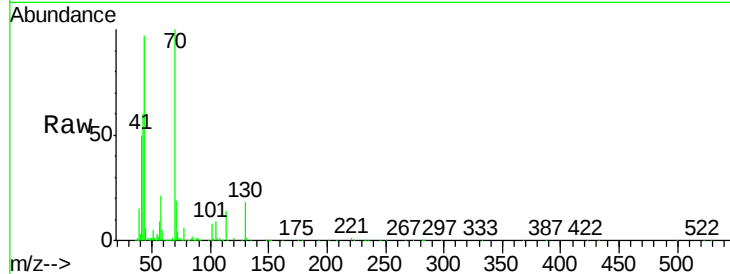
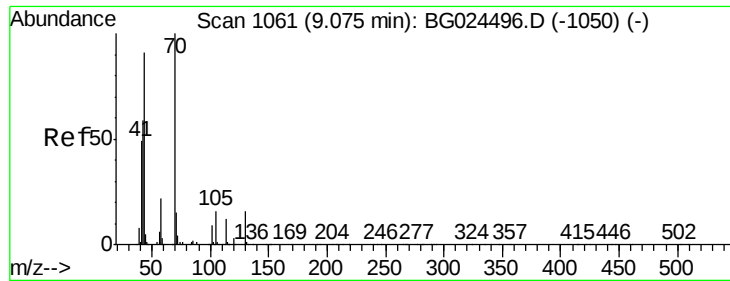
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#18
Hexachloroethane
Concen: 42.87 ng
RT: 9.36 min Scan# 1110
Delta R.T. 0.00 min
Lab File: BG024504.D
Acq: 25 Oct 2016 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	111620		
119	85.9	69.8	104.6	
201	111.2	95.4	143.0	





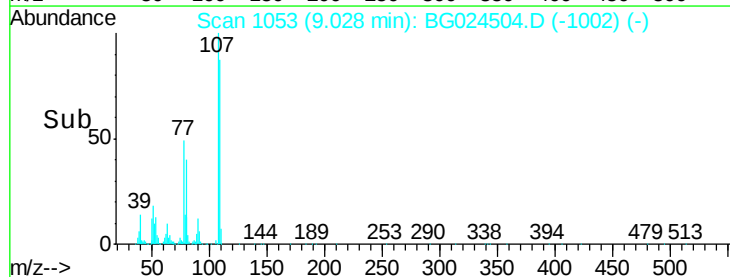
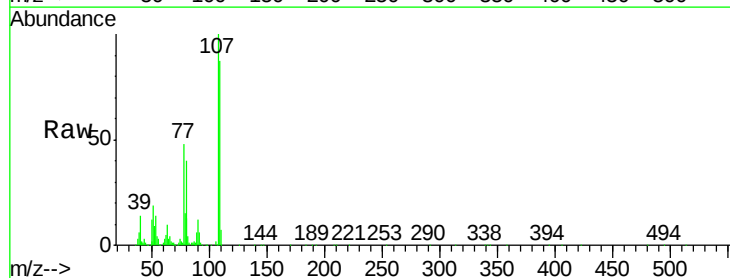
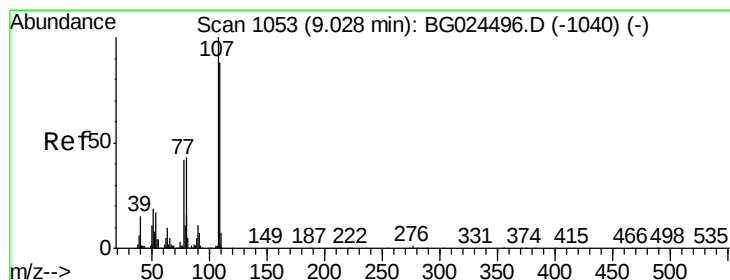
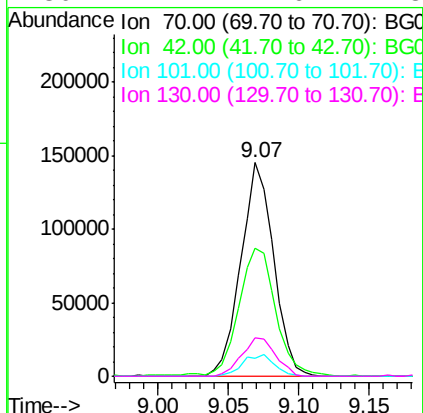
#19
n-Nitroso-di-n-propylamine
Concen: 42.84 ng
RT: 9.07 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BG024504.D
Acq: 25 Oct 2016 19:30

Instrument :
BNA_G
ClientSampleId :
PB94296BS

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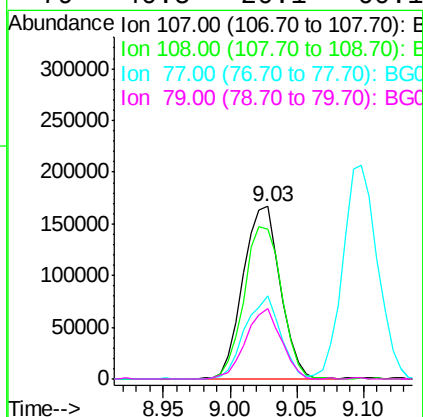
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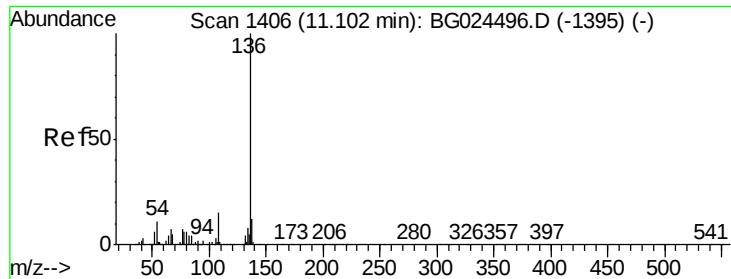
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	59.8	56.1	84.1	
101	8.2	7.5	11.3	
130	17.7	14.6	21.8	



#20
3+4-Methylphenols
Concen: 47.01 ng
RT: 9.03 min Scan# 1053
Delta R.T. 0.00 min
Lab File: BG024504.D
Acq: 25 Oct 2016 19:30

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.1	70.8	110.8	
77	48.4	25.8	65.8	
79	40.5	20.1	60.1	





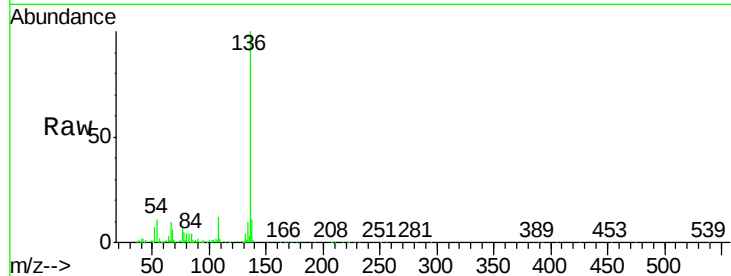
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.10 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BG024504.D
Acq: 25 Oct 2016 19:30

Instrument :
BNA_G
ClientSampleId :
PB94296BS

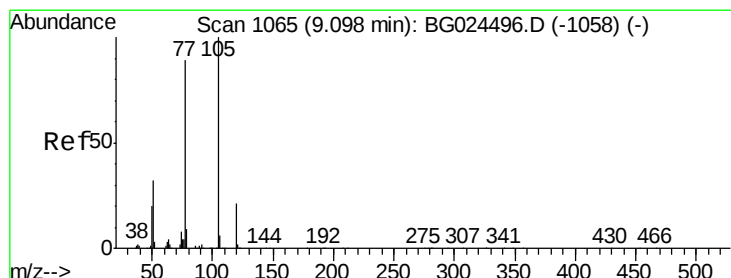
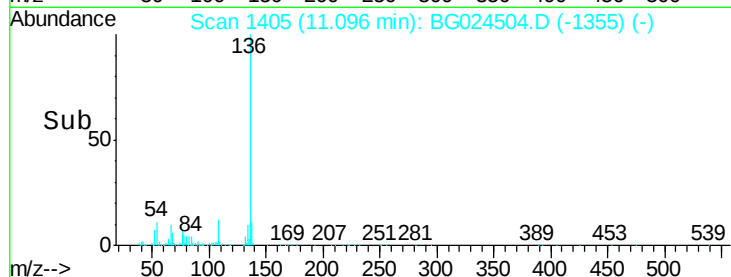
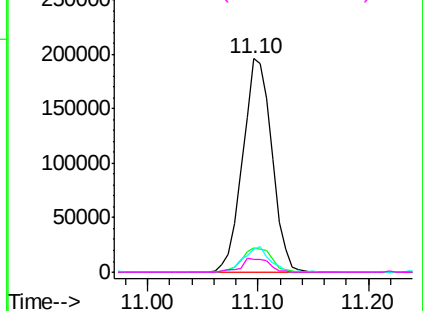
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.4	8.9	13.3	
54	10.5	9.3	13.9	
68	7.1	5.1	7.7	

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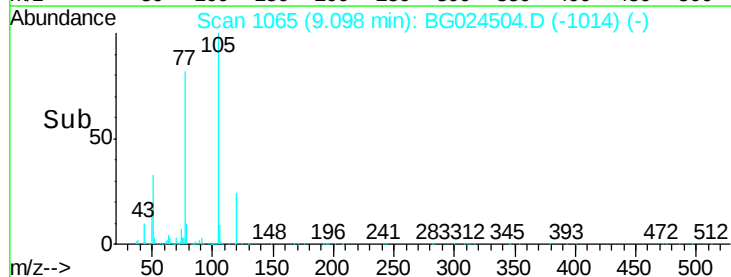
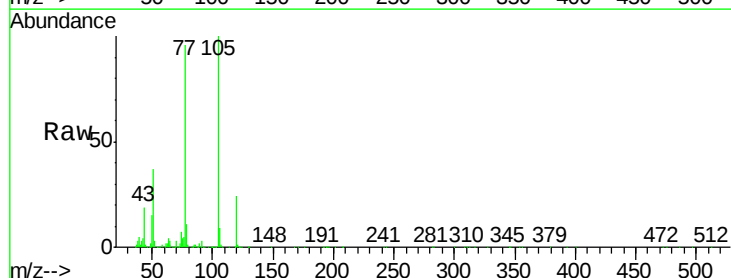
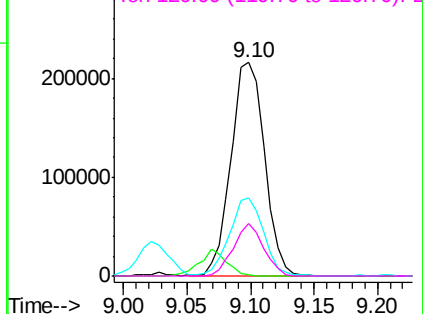
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

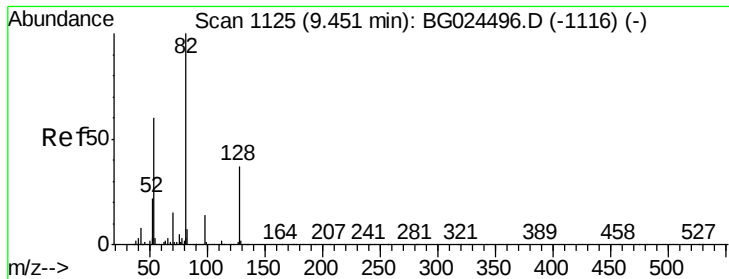


#22
Acetophenone
Concen: 42.58 ng
RT: 9.10 min Scan# 1065
Delta R.T. 0.00 min
Lab File: BG024504.D
Acq: 25 Oct 2016 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.3	0.9	1.3#	
51	36.5	34.0	51.0	
120	24.4	17.3	25.9	

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





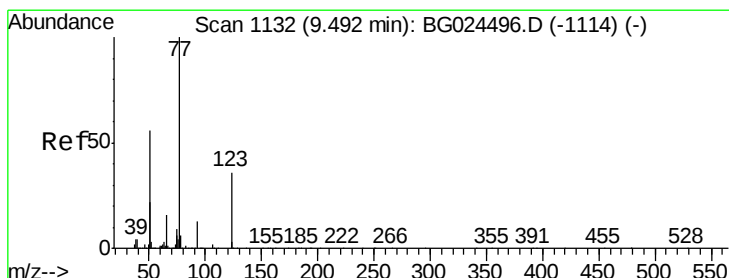
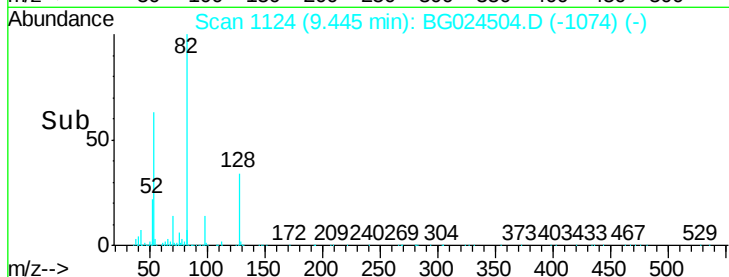
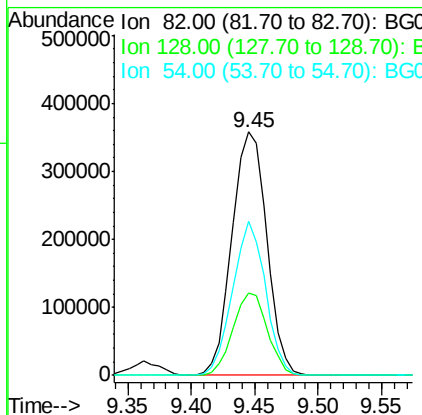
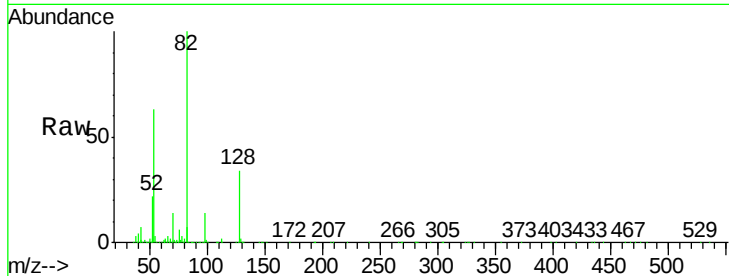
#23
 Nitrobenzene-d5
 Concen: 85.33 ng
 RT: 9.45 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BG024504.D
 Acq: 25 Oct 2016 19:30

Instrument :
 BNA_G
 ClientSampleId :
 PB94296BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	33.7	26.4	39.6
54	63.1	49.4	74.2

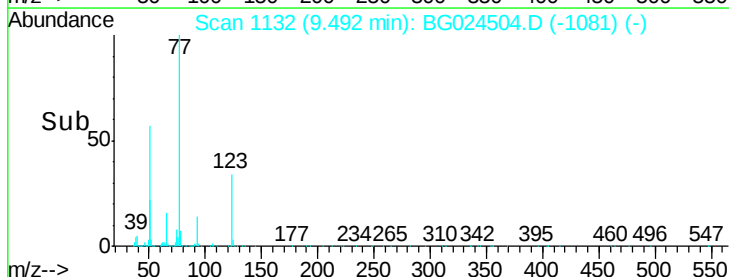
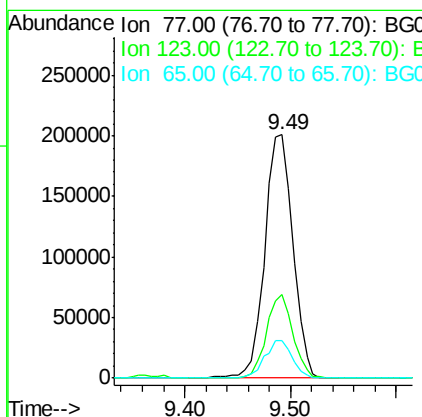
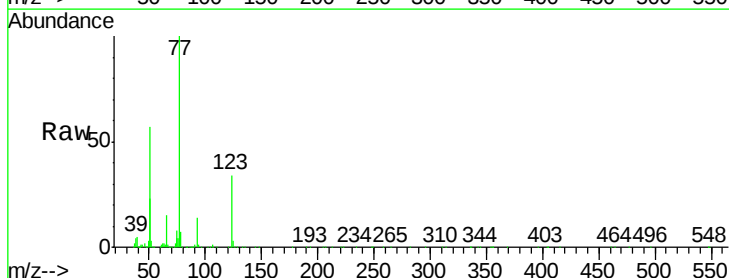
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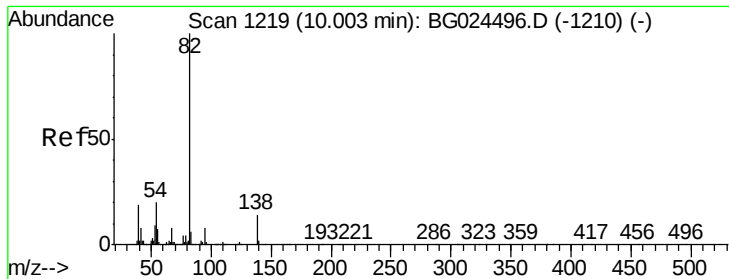
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#24
 Nitrobenzene
 Concen: 41.69 ng
 RT: 9.49 min Scan# 1132
 Delta R.T. 0.00 min
 Lab File: BG024504.D
 Acq: 25 Oct 2016 19:30

Tgt Ion	Ratio	Lower	Upper
77	100		
123	34.1	26.1	39.1
65	15.5	12.4	18.6





#25

Isophorone

Concen: 43.64 ng

RT: 10.01 min Scan# 1220

Delta R.T. 0.01 min

Lab File: BG024504.D

Acq: 25 Oct 2016 19:30

Instrument :

BNA_G

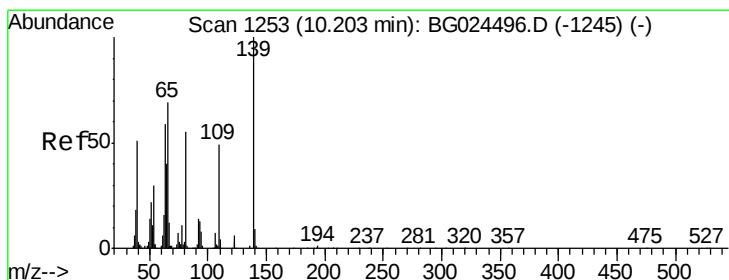
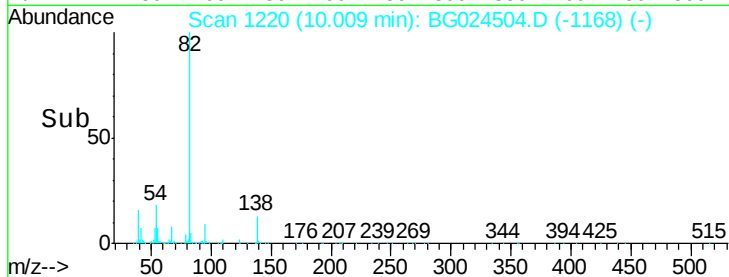
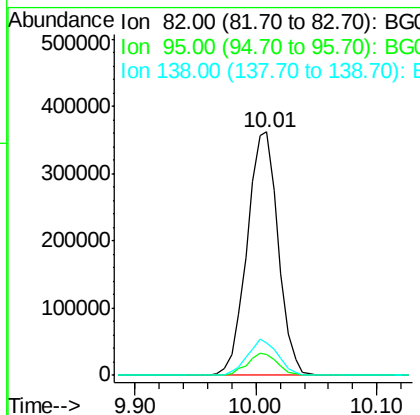
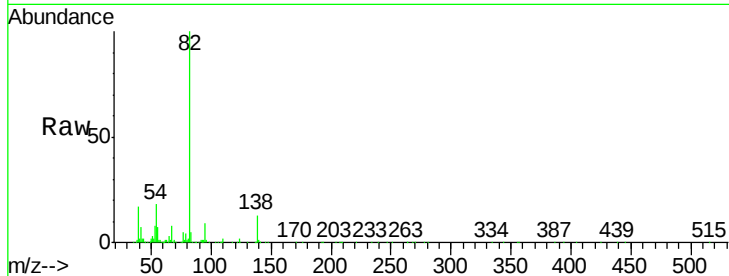
ClientSampleId :

PB94296BS

Tot Ion:	82	Resp:	648055
Ion Ratio		Lower	Upper
82	100		
95	8.8	7.5	11.3
138	13.1	12.3	18.5

Manual Integrations
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#26

2-Nitrophenol

Concen: 41.43 ng

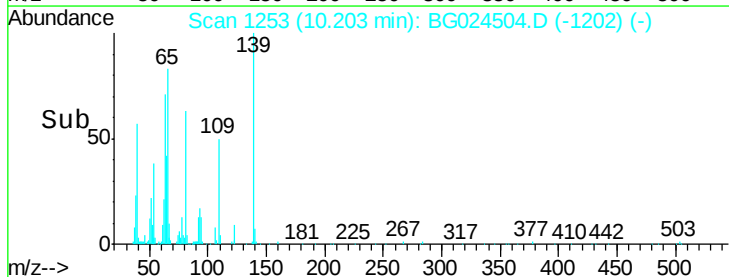
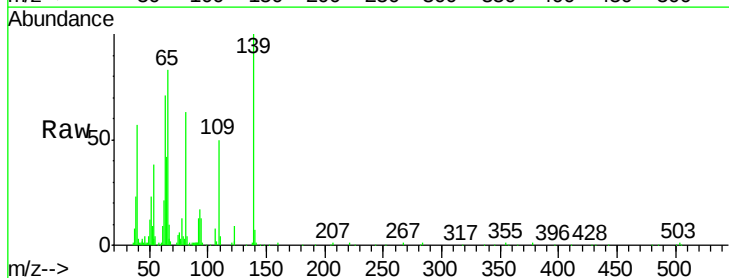
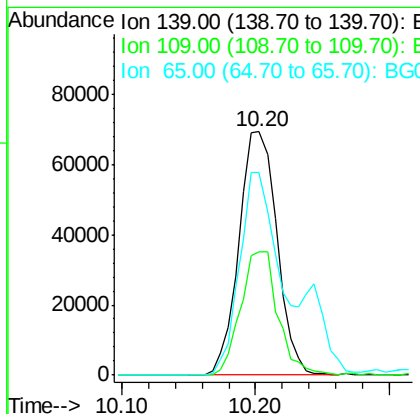
RT: 10.20 min Scan# 1253

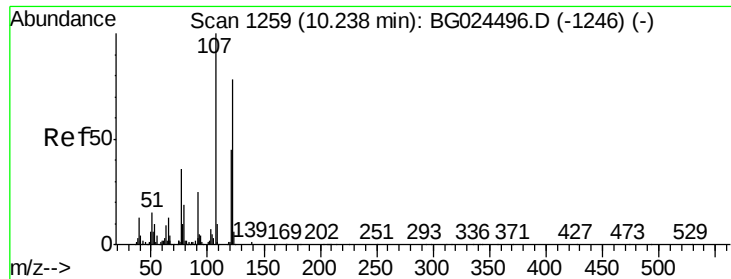
Delta R.T. 0.00 min

Lab File: BG024504.D

Acq: 25 Oct 2016 19:30

Tgt Ion:	139	Resp:	136551
Ion Ratio		Lower	Upper
139	100		
109	50.4	38.6	58.0
65	83.4	57.1	85.7





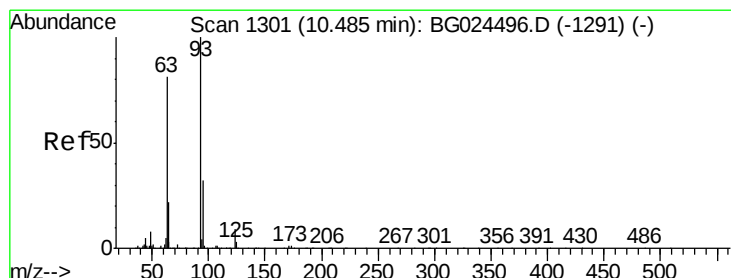
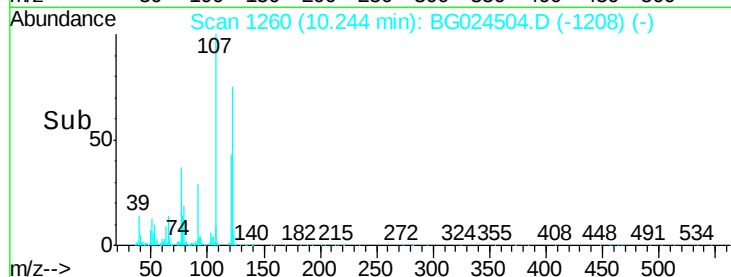
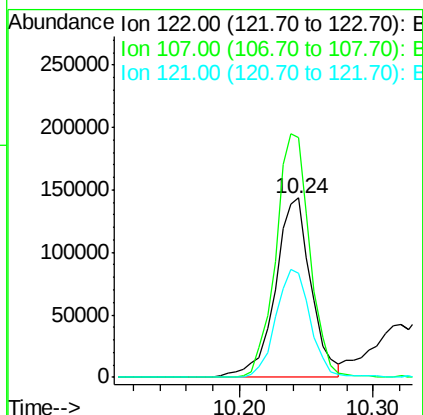
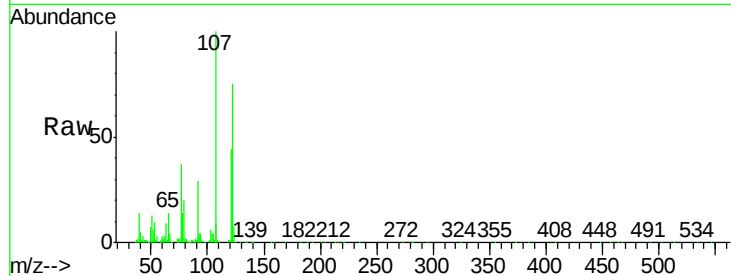
#27
2,4-Dimethylphenol
Concen: 46.70 ng
RT: 10.24 min Scan# 1260
Delta R.T. 0.01 min
Lab File: BG024504.D
Acq: 25 Oct 2016 19:30

Instrument :
BNA_G
ClientSampled :
PB94296BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	133.9	104.2	156.4
121	58.5	46.0	69.0

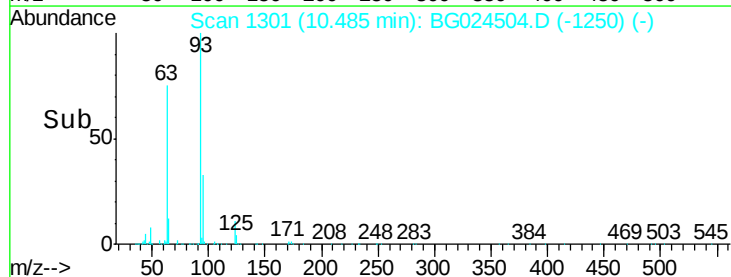
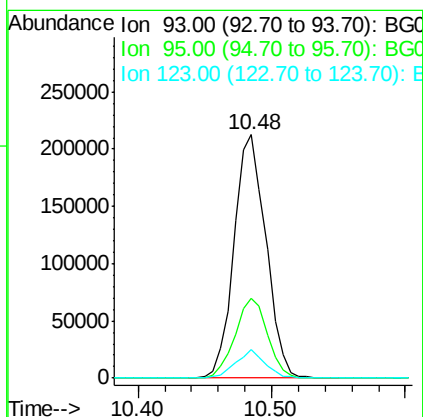
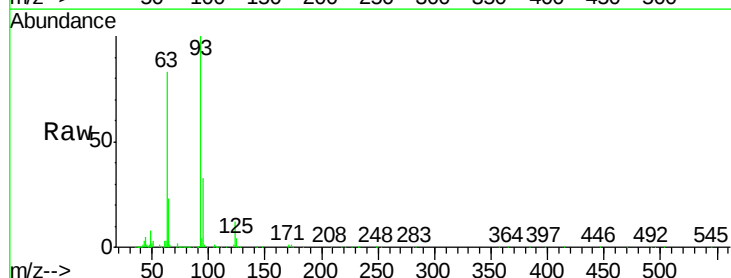
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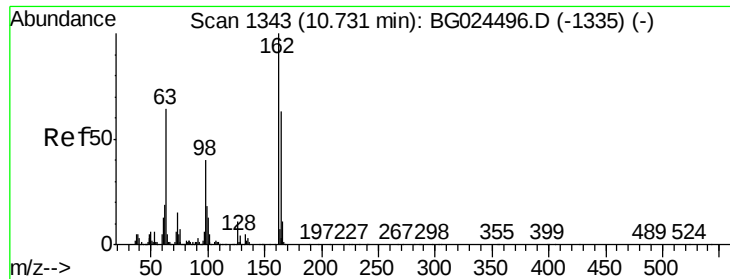
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#28
bis(2-Chloroethoxy)methane
Concen: 45.79 ng
RT: 10.48 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BG024504.D
Acq: 25 Oct 2016 19:30

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	25.7	38.5
123	11.7	8.3	12.5





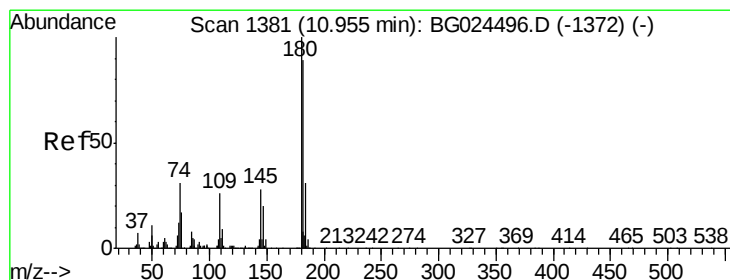
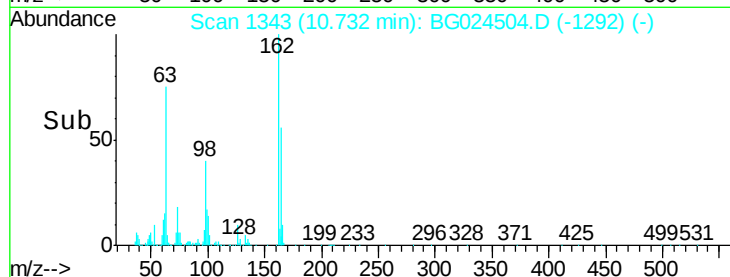
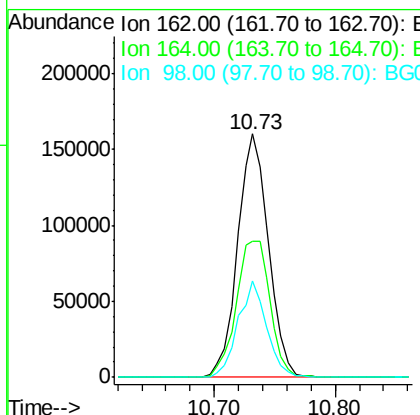
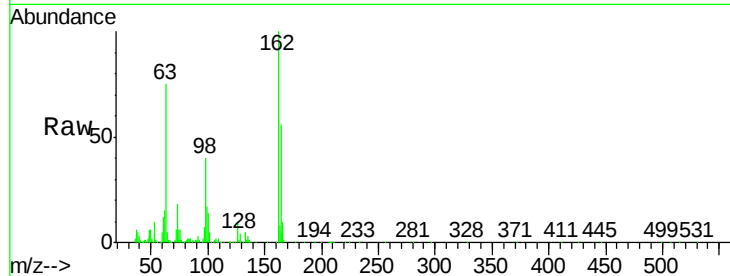
#29
 2,4-Dichlorophenol
 Concen: 47.01 ng
 RT: 10.73 min Scan# 1343
 Delta R.T. 0.00 min
 Lab File: BG024504.D
 Acq: 25 Oct 2016 19:30

Instrument :
 BNA_G
 ClientSampleId :
 PB94296BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	55.7	42.4	82.4
98	39.7	20.3	60.3

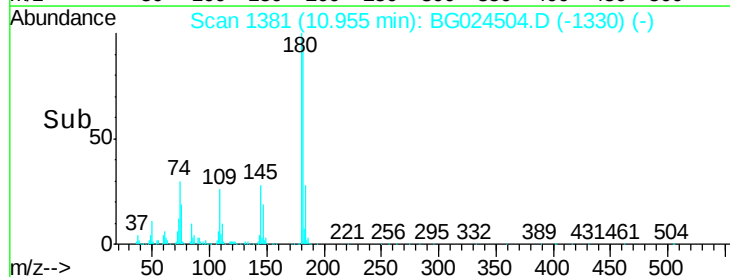
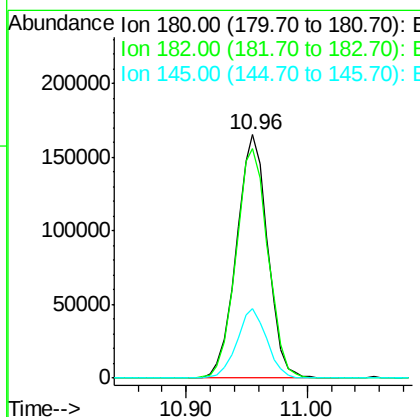
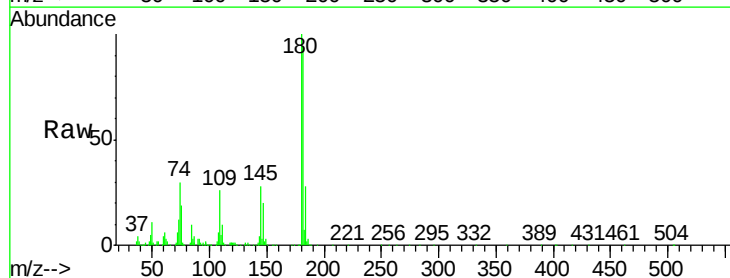
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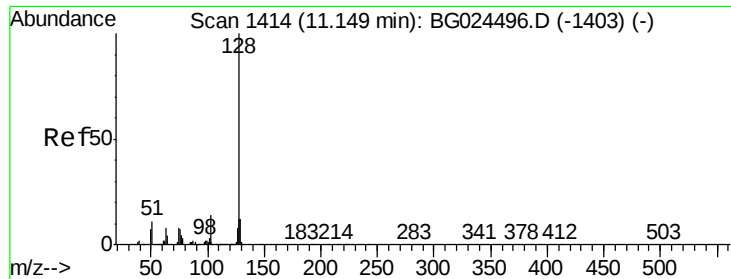
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.17 ng
 RT: 10.96 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: BG024504.D
 Acq: 25 Oct 2016 19:30

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.1	77.0	115.4
145	28.3	23.4	35.0





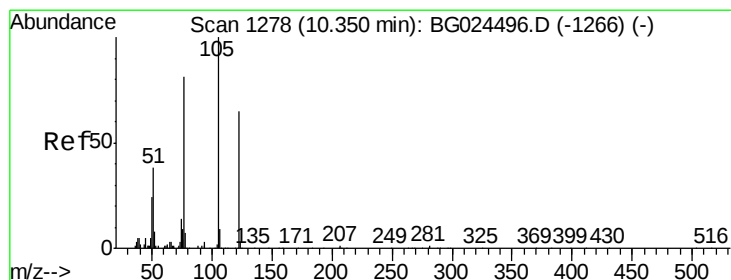
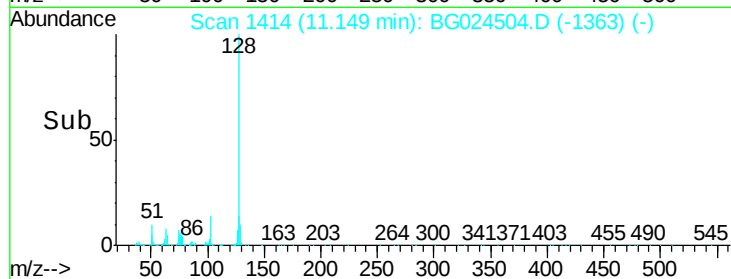
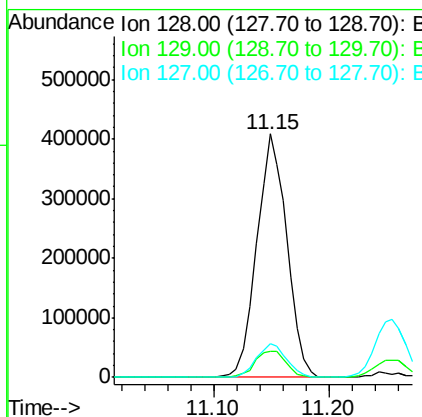
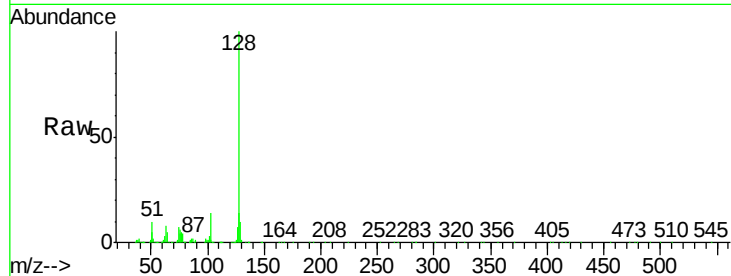
#31
Naphthalene
Concen: 40.76 ng
RT: 11.15 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BG024504.D
Acq: 25 Oct 2016 19:30

Instrument :
BNA_G
ClientSampleId :
PB94296BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	738993		
129	10.5		9.3	13.9
127	13.7		11.4	17.0

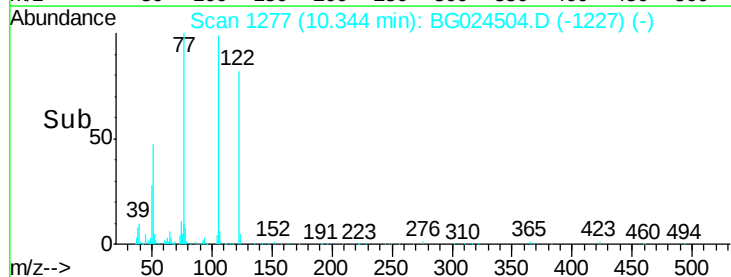
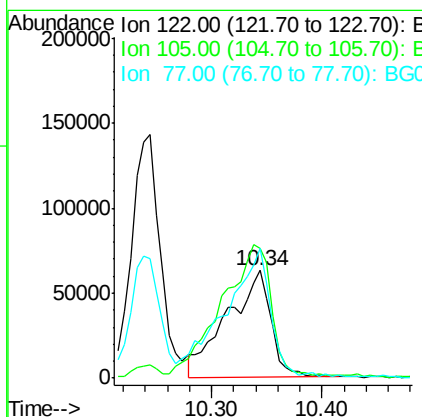
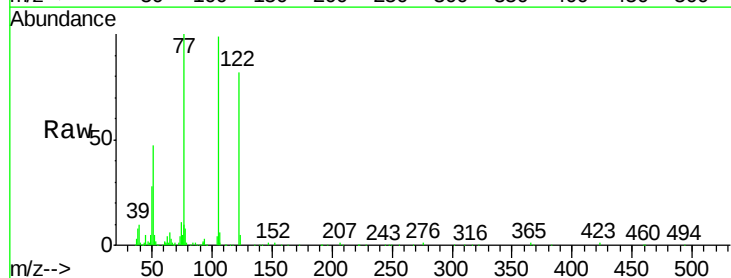
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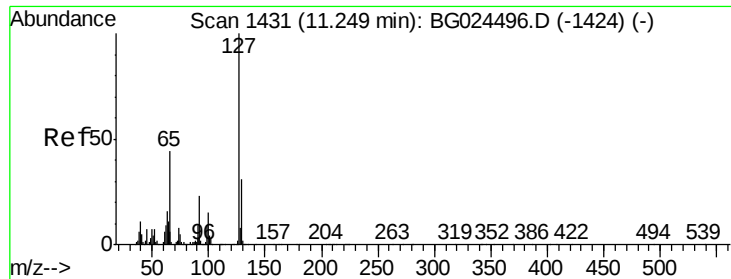
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#32
Benzoic acid
Concen: 36.17 ng
RT: 10.34 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BG024504.D
Acq: 25 Oct 2016 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	173803		
105	120.4		120.1	160.1
77	121.3		104.6	144.6





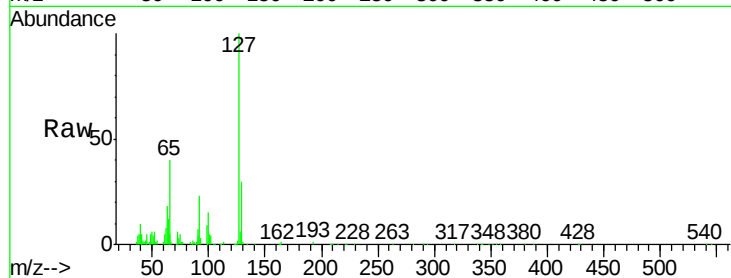
#33
4-Chloroaniline
Concen: 23.48 ng
RT: 11.25 min Scan# 1432
Delta R.T. 0.01 min
Lab File: BG024504.D
Acq: 25 Oct 2016 19:30

Instrument :
BNA_G
ClientSampleId :
PB94296BS

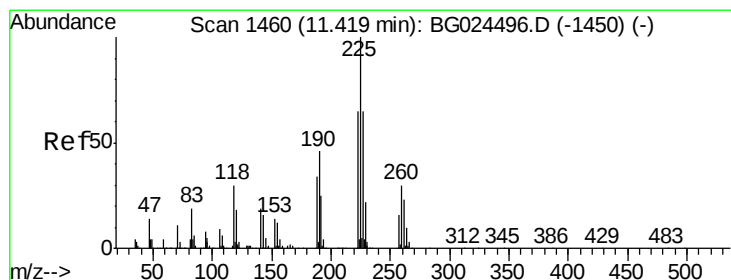
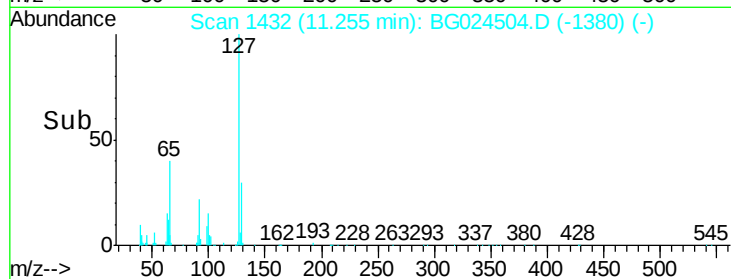
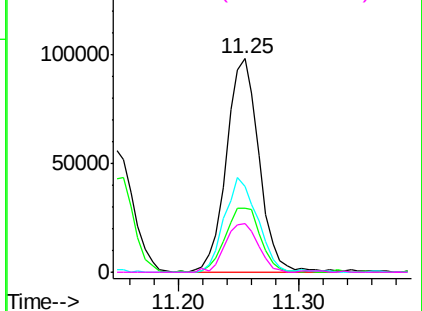
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	29.8		23.6	35.4	
65	40.4		37.7	56.5	
92	22.6		17.6	26.4	

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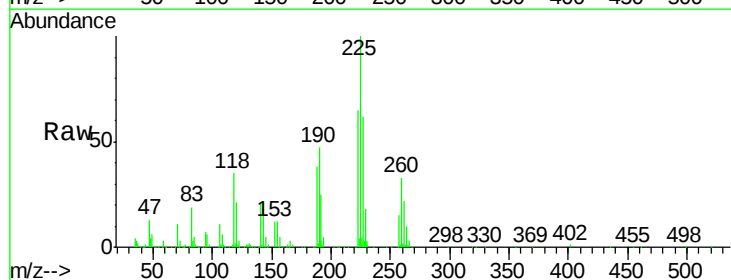


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

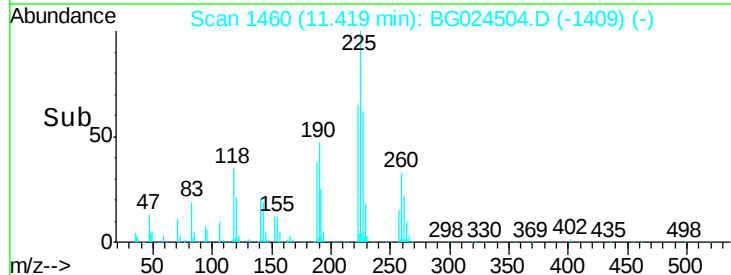
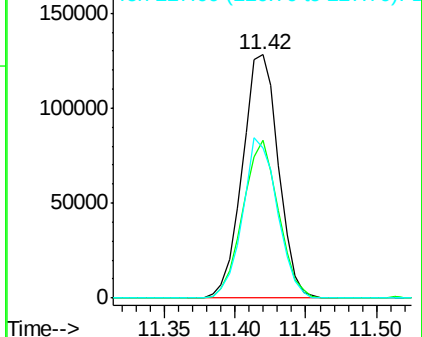


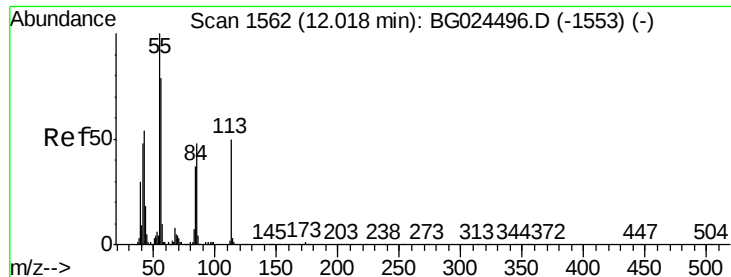
#34
Hexachlorobutadiene
Concen: 40.76 ng
RT: 11.42 min Scan# 1460
Delta R.T. 0.00 min
Lab File: BG024504.D
Acq: 25 Oct 2016 19:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.7		50.7	76.1	
227	61.7		49.0	73.6	



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





#35

Caprolactam

Concen: 46.89 ng/ml

RT: 12.02 min Scan# 1562

Delta R.T. 0.00 min

Lab File: BG024504.D

Acq: 25 Oct 2016 19:30

Instrument :

BNA_G

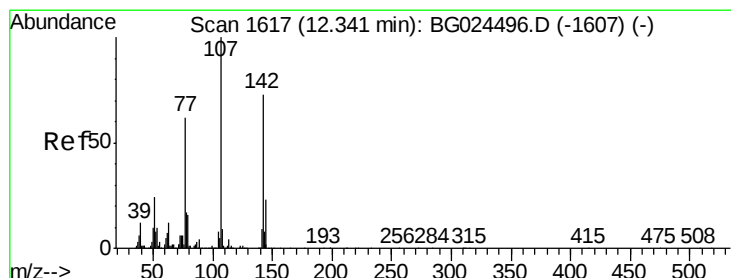
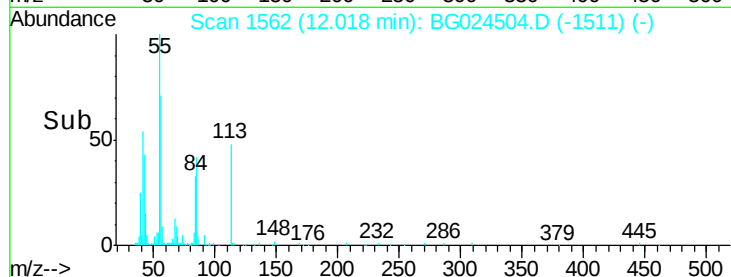
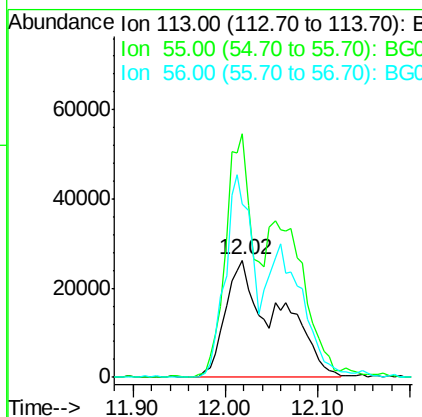
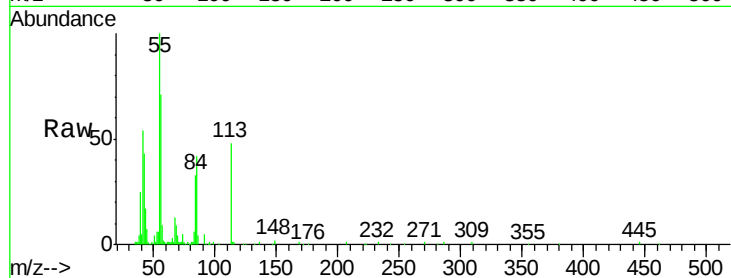
ClientSampleId :

PB94296BS

Tot Ion:	113	Resp:	103963
Ion Ratio	Lower	Upper	
113	100		
55	208.2	198.6	238.6
56	147.8	140.4	180.4

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#36

4-Chloro-3-methylphenol

Concen: 45.59 ng/ml

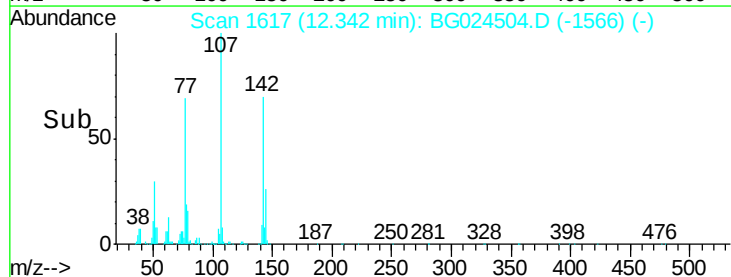
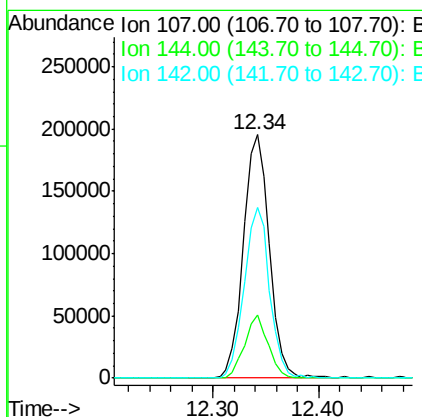
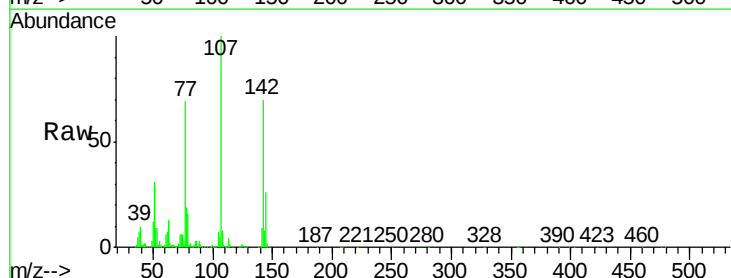
RT: 12.34 min Scan# 1617

Delta R.T. 0.00 min

Lab File: BG024504.D

Acq: 25 Oct 2016 19:30

Tgt Ion:	107	Resp:	333363
Ion Ratio	Lower	Upper	
107	100		
144	26.0	17.4	26.0
142	70.0	54.1	81.1





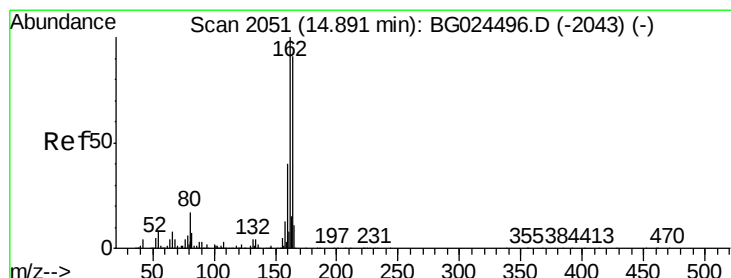
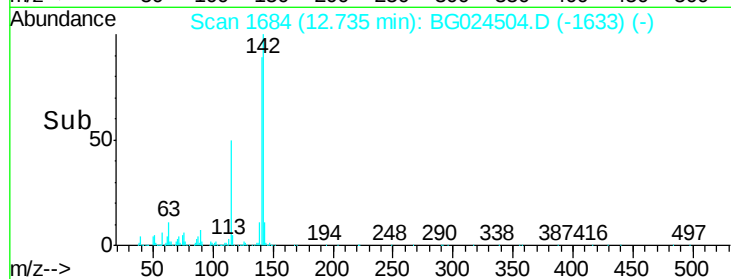
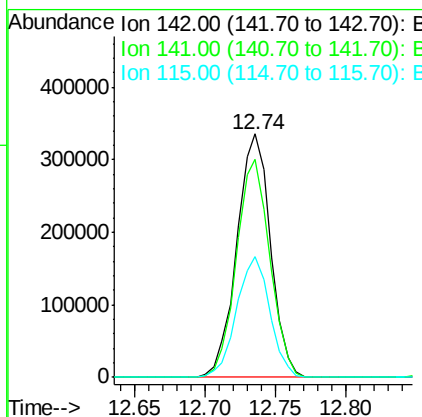
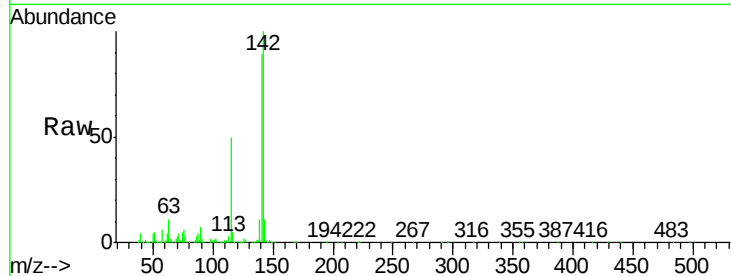
#37
2-Methylnaphthalene
Concen: 42.13 ng
RT: 12.74 min Scan# 1684
Delta R.T. 0.00 min
Lab File: BG024504.D
Acq: 25 Oct 2016 19:30

Instrument :
BNA_G
ClientSampleId :
PB94296BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.4	105.6
115	49.5	35.5	53.3

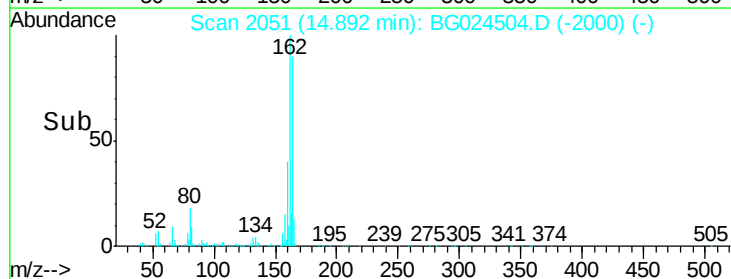
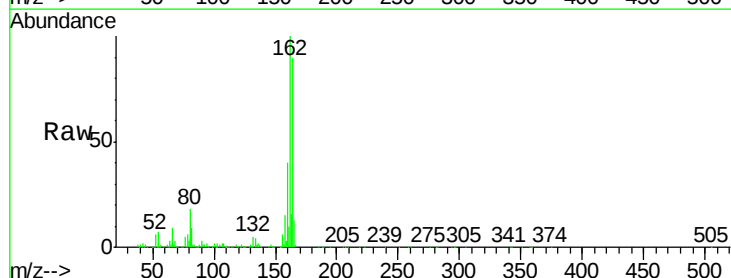
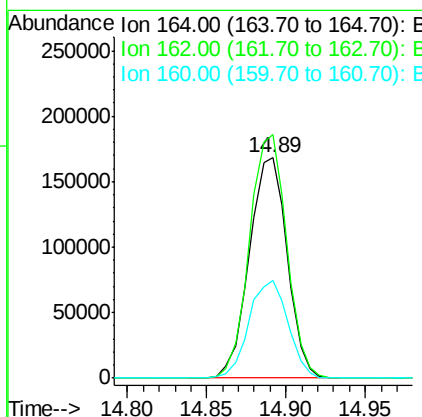
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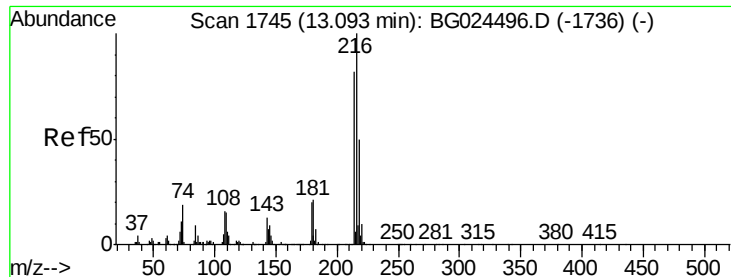
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.89 min Scan# 2051
Delta R.T. 0.00 min
Lab File: BG024504.D
Acq: 25 Oct 2016 19:30

Tgt Ion	Ratio	Lower	Upper
164	100		
162	110.5	85.1	127.7
160	44.1	34.7	52.1





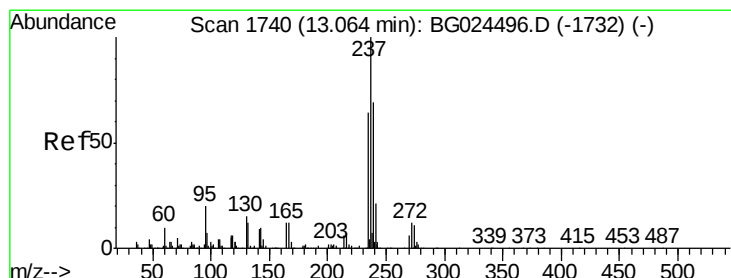
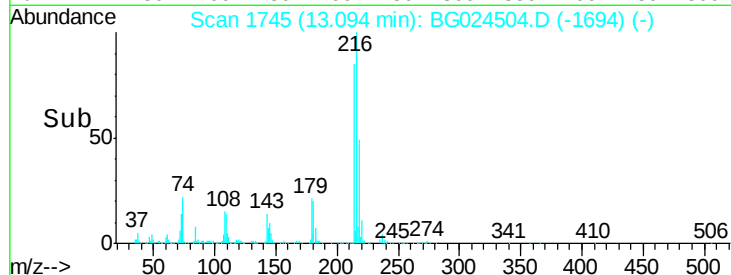
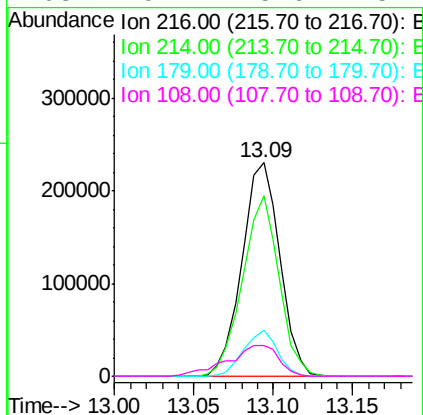
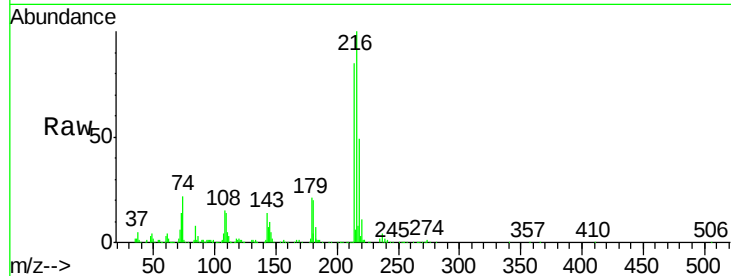
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.48 ng
 RT: 13.09 min Scan# 1745
 Delta R.T. 0.00 min
 Lab File: BG024504.D
 Acq: 25 Oct 2016 19:30

Instrument :
 BNA_G
 ClientSampleId :
 PB94296BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	81.2		64.4	96.6	
179	19.4		17.4	26.0	
108	19.7		15.6	23.4	

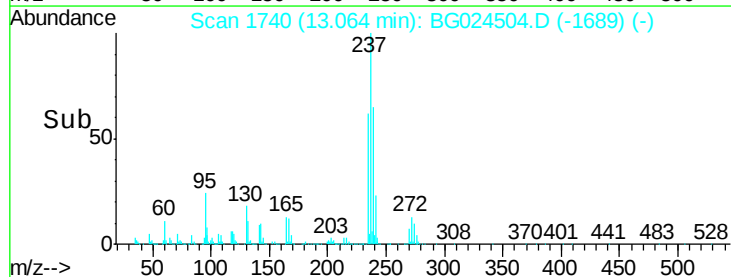
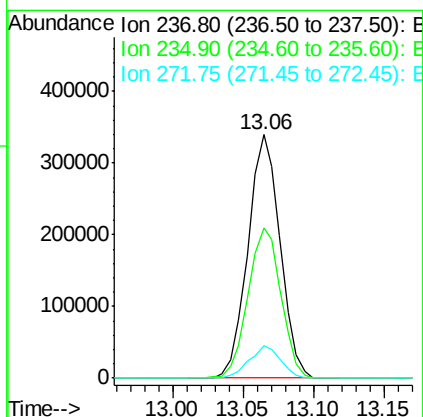
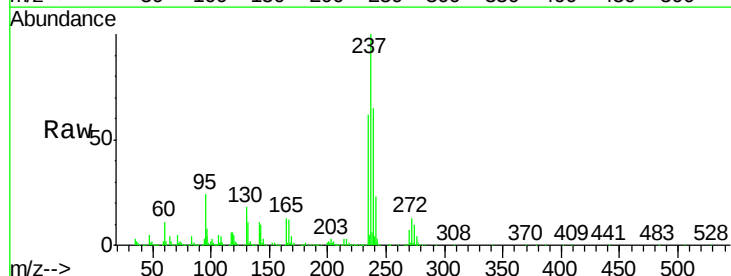
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#40
 Hexachlorocyclopentadiene
 Concen: 102.36 ng
 RT: 13.06 min Scan# 1740
 Delta R.T. 0.00 min
 Lab File: BG024504.D
 Acq: 25 Oct 2016 19:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	61.8		39.4	79.4	
272	13.4		0.0	32.0	





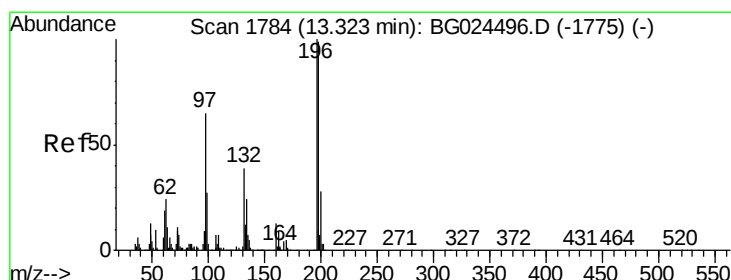
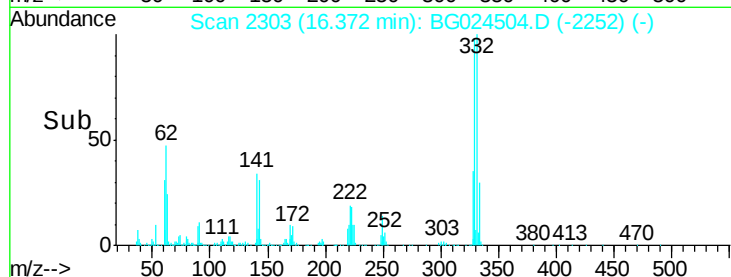
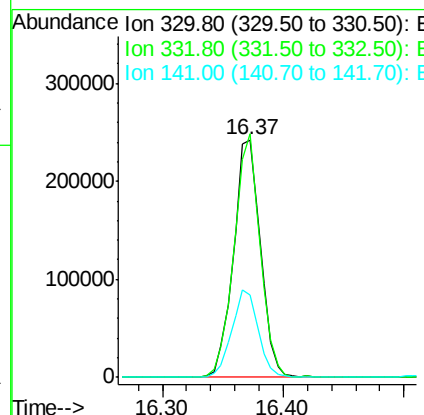
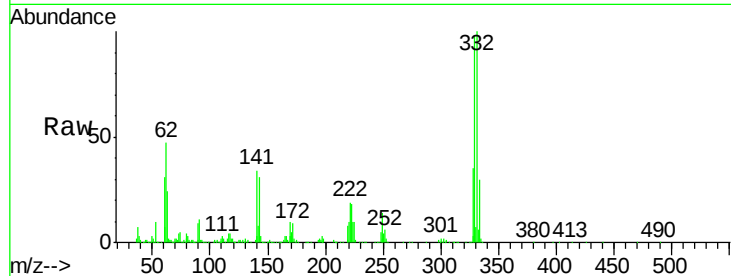
#41
 2,4,6-Tribromophenol
 Concen: 90.86 ng
 RT: 16.37 min Scan# 2303
 Delta R.T. 0.00 min
 Lab File: BG024504.D
 Acq: 25 Oct 2016 19:30

Instrument :
 BNA_G
 ClientSampleId :
 PB94296BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	98.0	77.3	115.9	
141	35.9	32.1	48.1	

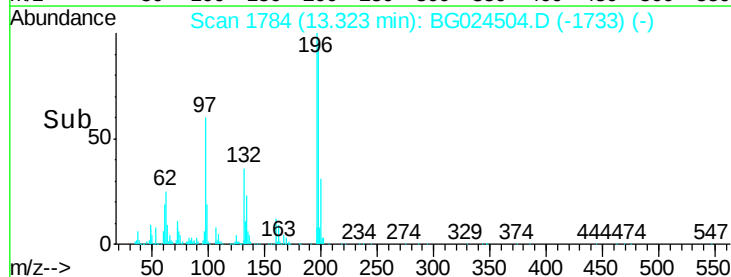
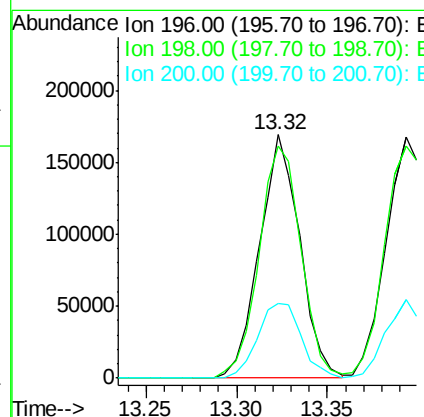
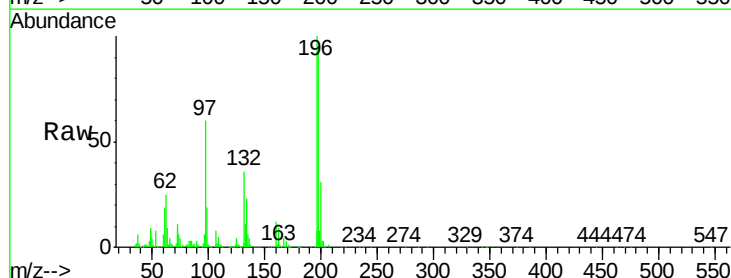
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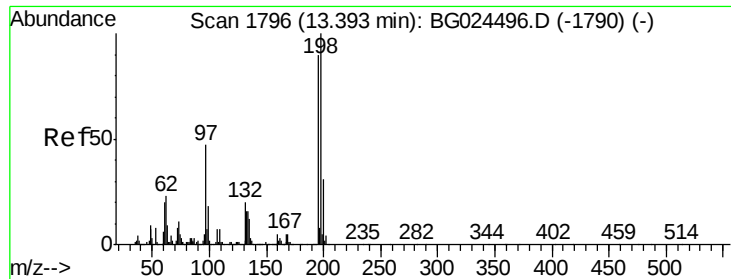
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#42
 2,4,6-Trichlorophenol
 Concen: 46.11 ng
 RT: 13.32 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: BG024504.D
 Acq: 25 Oct 2016 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	95.2	81.4	122.2	
200	30.6	27.0	40.6	





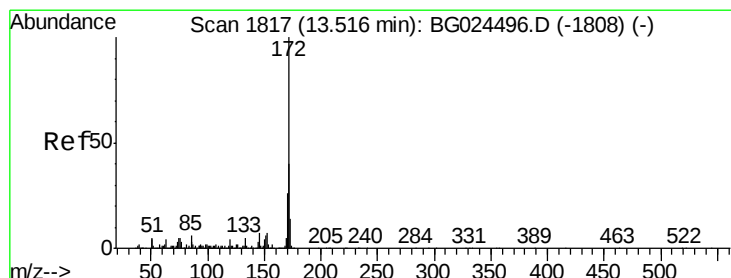
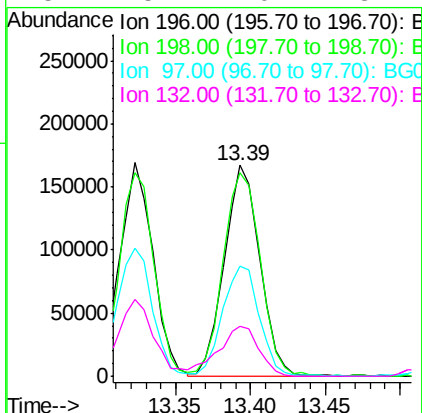
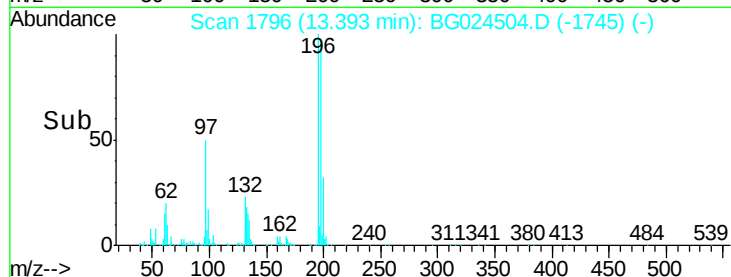
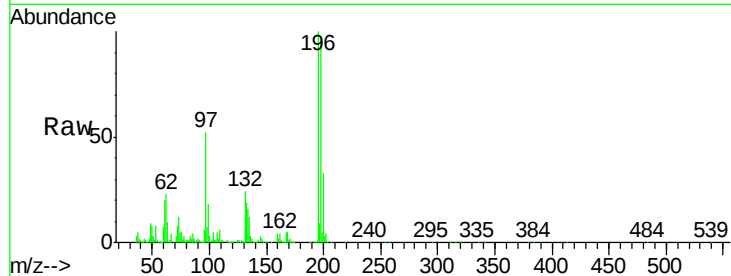
#43
 2,4,5-Trichlorophenol
 Concen: 45.46 ng
 RT: 13.39 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: BG024504.D
 Acq: 25 Oct 2016 19:30

Instrument :
 BNA_G
 ClientSampleId :
 PB94296BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		278000		
198	96.7	79.9	119.9		
97	51.9	45.4	68.0		
132	23.7	20.7	31.1		

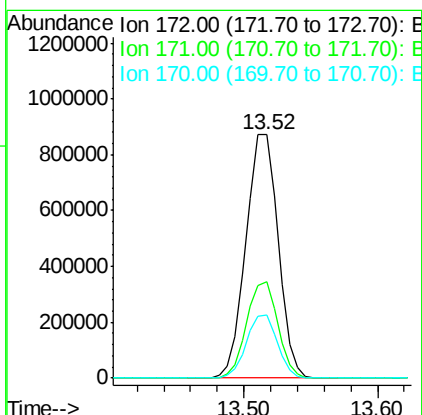
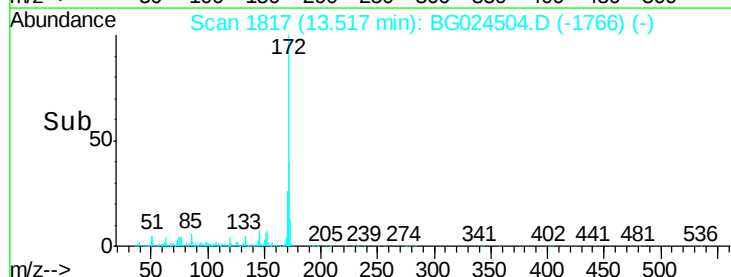
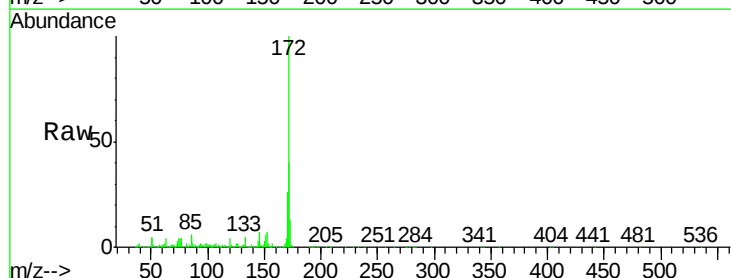
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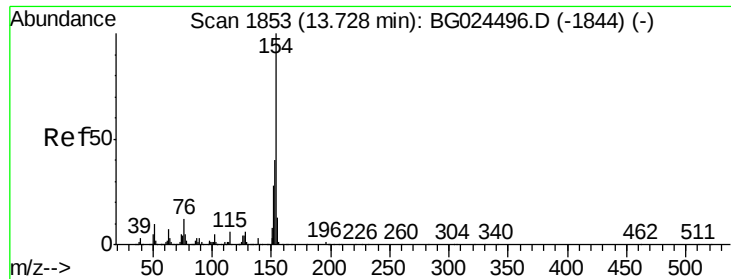
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#44
 2-Fluorobiphenyl
 Concen: 86.38 ng
 RT: 13.52 min Scan# 1817
 Delta R.T. 0.00 min
 Lab File: BG024504.D
 Acq: 25 Oct 2016 19:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1450039		
171	39.7	32.2	48.2		
170	25.8	21.8	32.6		





#45

1,1'-Biphenyl

Concen: 41.20 ng

RT: 13.72 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BG024504.D

Acq: 25 Oct 2016 19:30

Instrument :

BNA_G

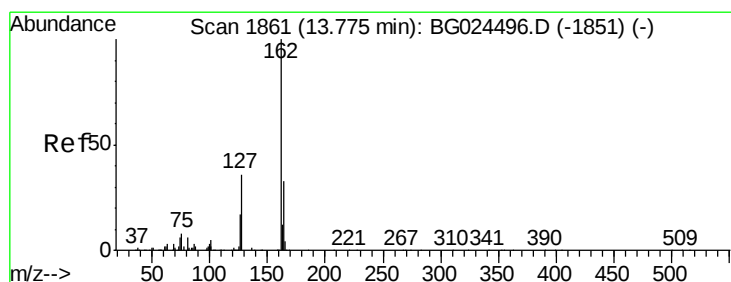
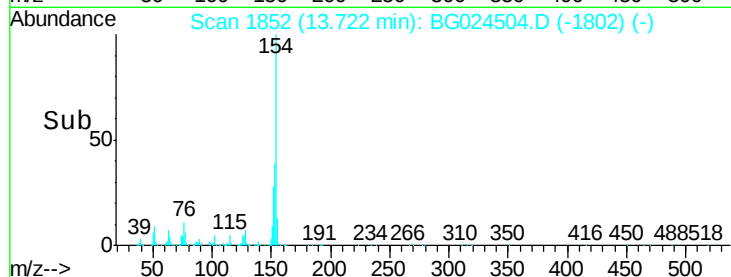
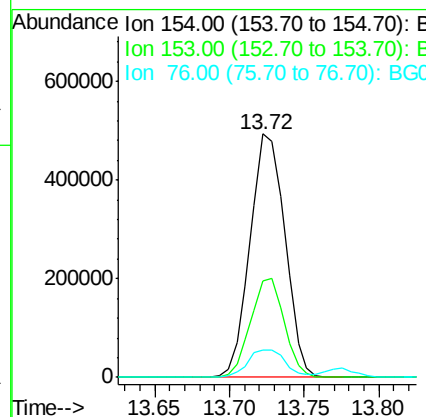
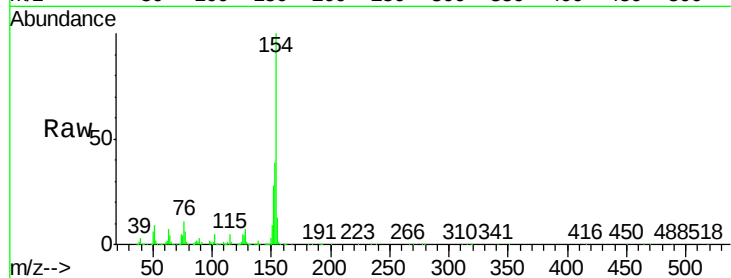
ClientSampleId :

PB94296BS

Tot Ion:	154	Resp:	797671
Ion Ratio	Lower	Upper	
154	100		
153	39.4	23.0	63.0
76	11.2	0.0	33.5

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#46

2-Chloronaphthalene

Concen: 43.12 ng

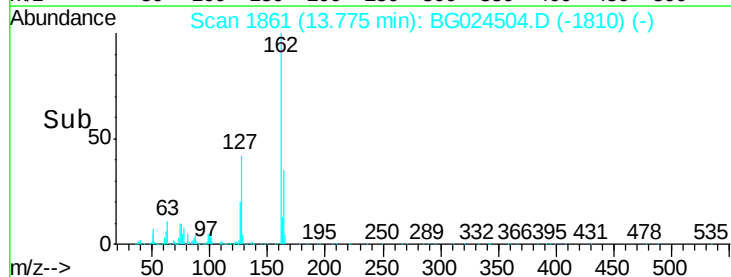
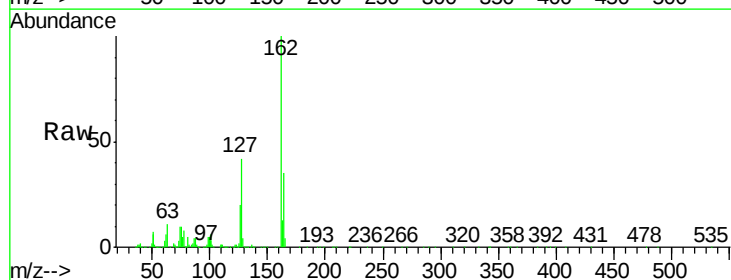
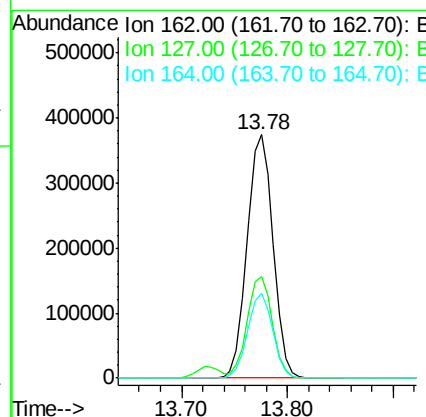
RT: 13.78 min Scan# 1861

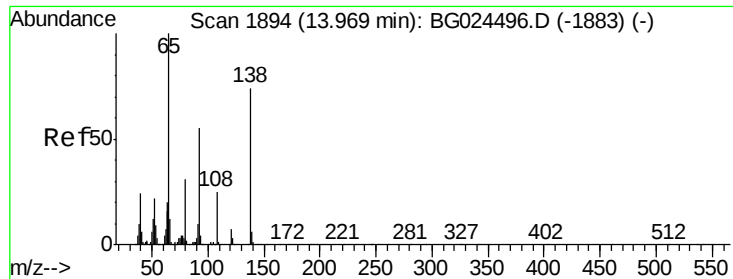
Delta R.T. 0.00 min

Lab File: BG024504.D

Acq: 25 Oct 2016 19:30

Tgt Ion:	162	Resp:	635813
Ion Ratio	Lower	Upper	
162	100		
127	41.9	32.2	48.4
164	34.9	27.3	40.9





#47

2-Nitroaniline

Concen: 45.21 ng

RT: 13.98 min Scan# 1895

Delta R.T. 0.01 min

Lab File: BG024504.D

Acq: 25 Oct 2016 19:30

Instrument :

BNA_G

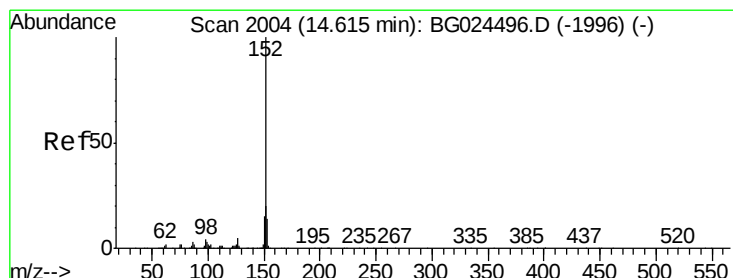
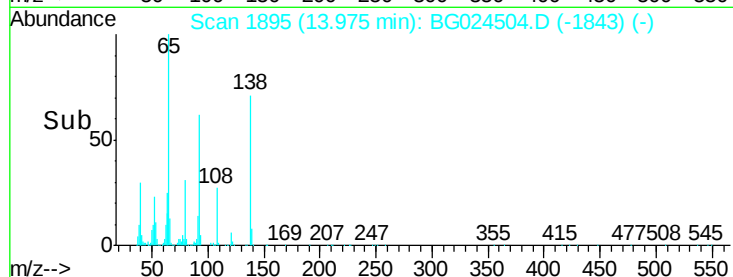
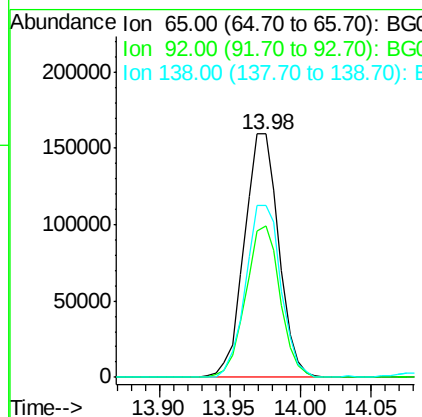
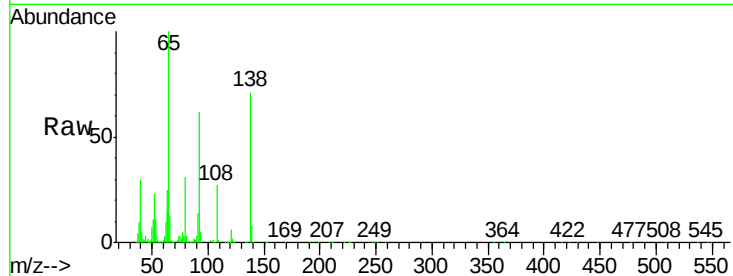
ClientSampleId :

PB94296BS

Tot Ion:	65	Resp:	272912
Ion Ratio	Lower	Upper	
65	100		
92	62.0	49.0	73.4
138	70.7	58.6	87.8

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#48

Acenaphthylene

Concen: 43.02 ng

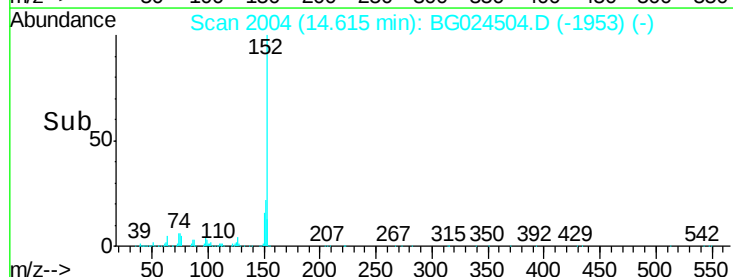
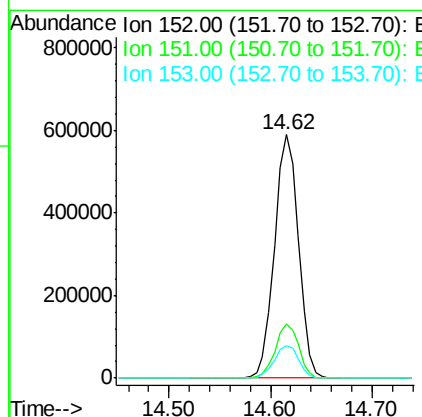
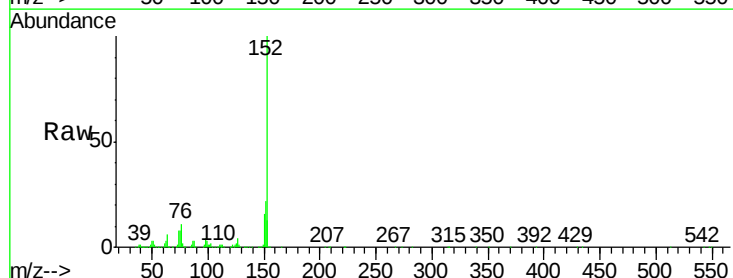
RT: 14.62 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BG024504.D

Acq: 25 Oct 2016 19:30

Tgt Ion:	152	Resp:	972598
Ion Ratio	Lower	Upper	
152	100		
151	22.2	18.2	27.2
153	13.2	11.3	16.9





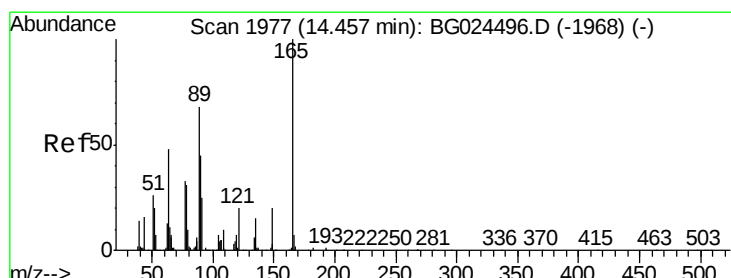
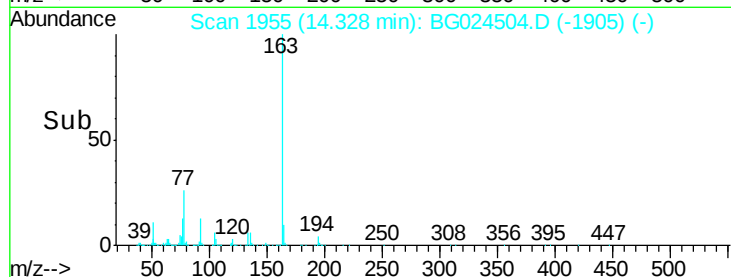
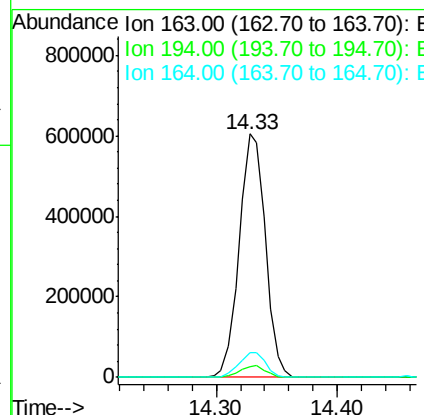
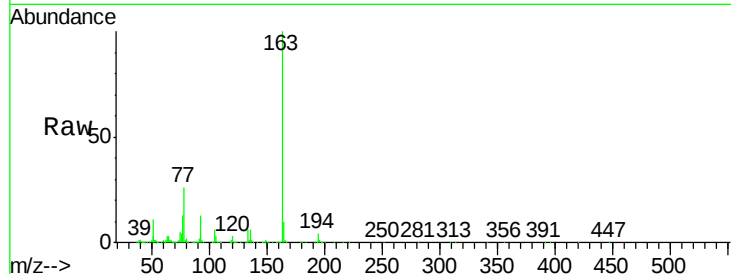
#49
Dimethylphthalate
Concen: 46.11 ng
RT: 14.33 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BG024504.D
Acq: 25 Oct 2016 19:30

Instrument :
BNA_G
ClientSampleId :
PB94296BS

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.8	5.6
164	10.2	9.3	13.9

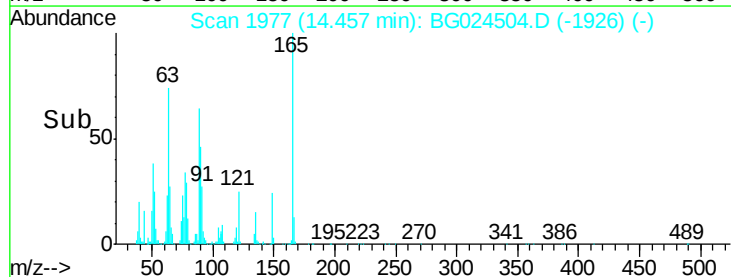
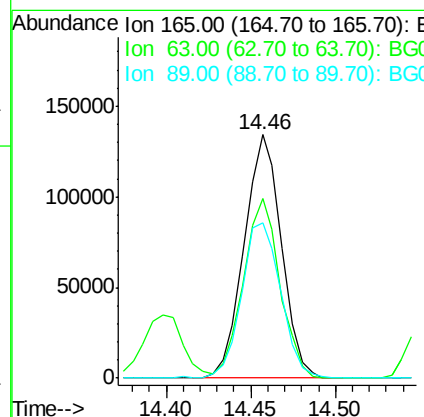
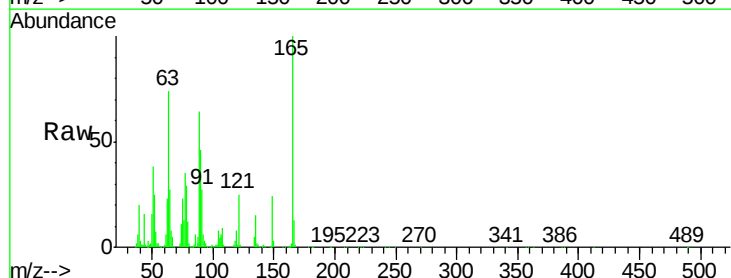
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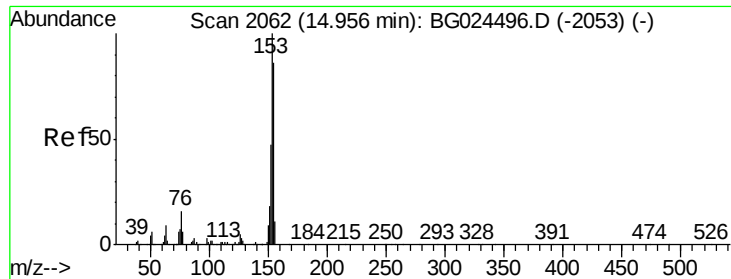
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#50
2,6-Dinitrotoluene
Concen: 48.54 ng
RT: 14.46 min Scan# 1977
Delta R.T. 0.00 min
Lab File: BG024504.D
Acq: 25 Oct 2016 19:30

Tgt Ion	Ratio	Lower	Upper
165	100		
63	73.9	63.9	95.9
89	63.8	58.6	88.0





#51

Acenaphthene

Concen: 40.45 ng

RT: 14.95 min Scan# 2061

Delta R.T. -0.01 min

Lab File: BG024504.D

Acq: 25 Oct 2016 19:30

Instrument :

BNA_G

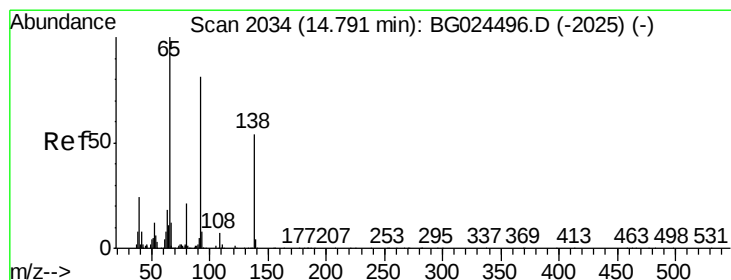
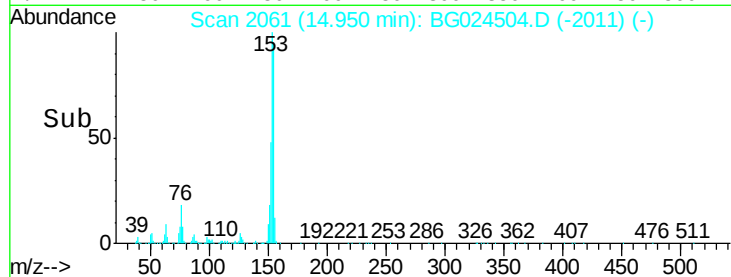
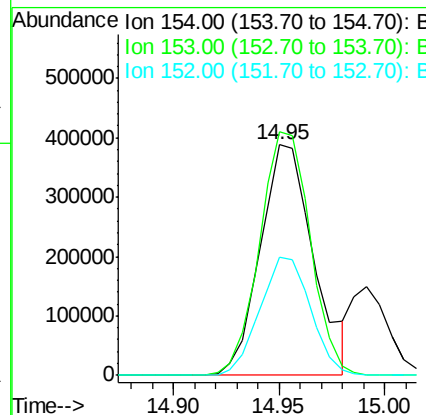
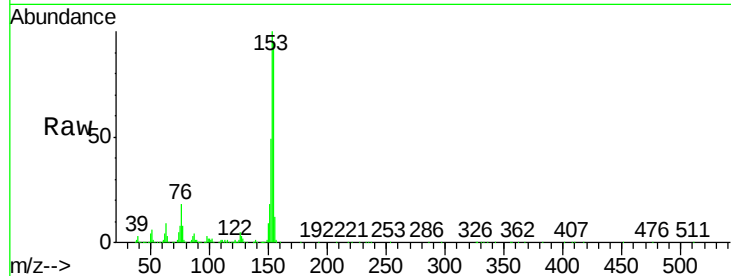
ClientSampleId :

PB94296BS

Tot Ion:	154	Resp:	681700
Ion Ratio	Lower	Upper	
154	100		
153	105.8	87.8	131.6
152	51.3	42.2	63.4

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#52

3-Nitroaniline

Concen: 26.78 ng

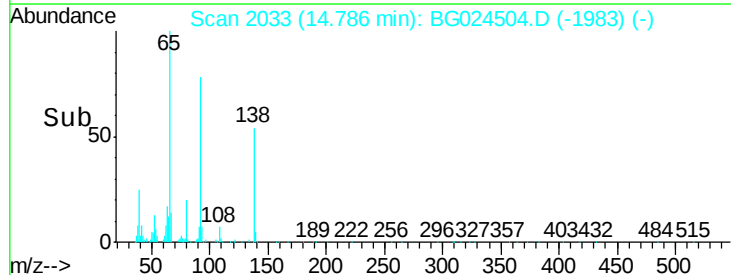
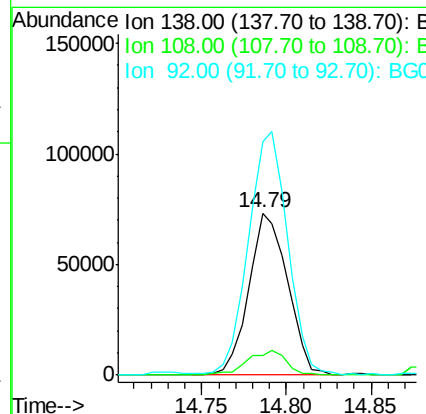
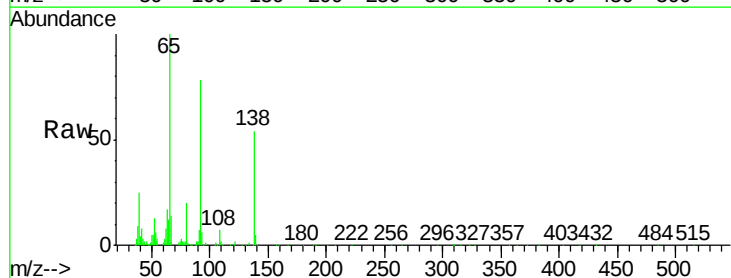
RT: 14.79 min Scan# 2033

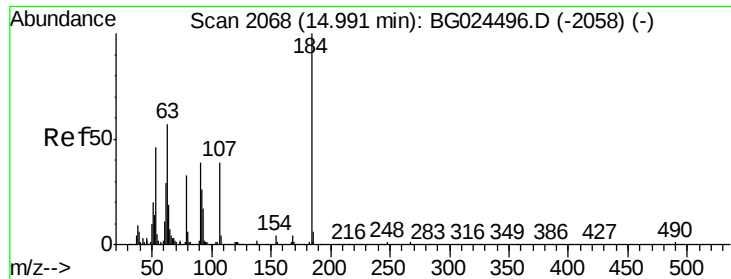
Delta R.T. -0.01 min

Lab File: BG024504.D

Acq: 25 Oct 2016 19:30

Tgt Ion:	138	Resp:	117199
Ion Ratio	Lower	Upper	
138	100		
108	12.4	10.9	16.3
92	143.9	115.3	172.9





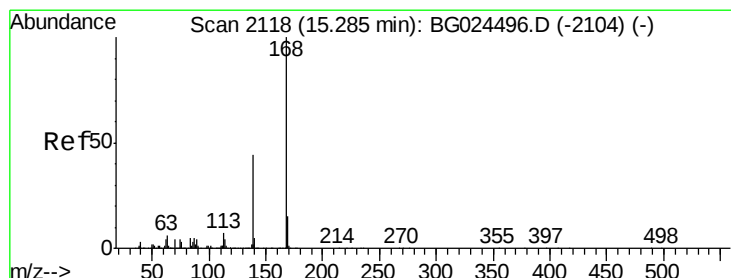
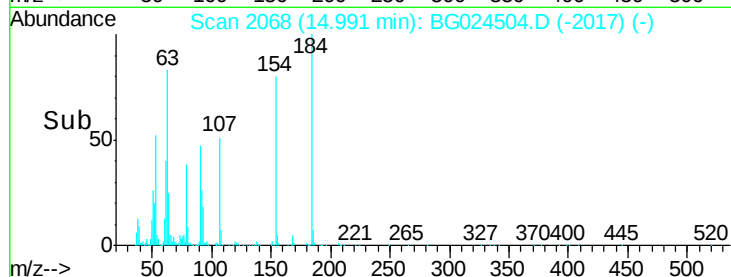
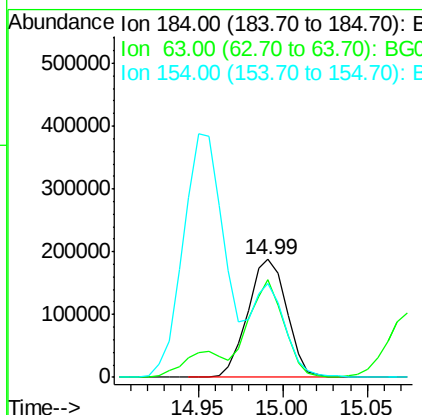
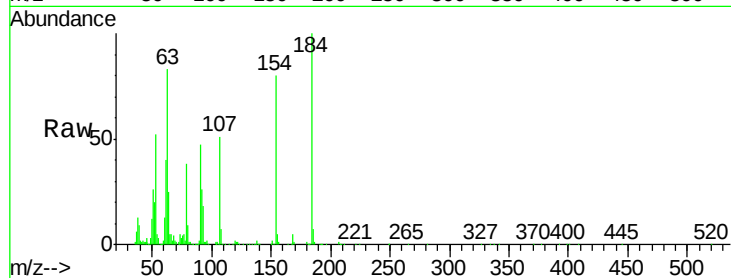
#53
2,4-Dinitrophenol
Concen: 98.48 ng
RT: 14.99 min Scan# 2068
Delta R.T. 0.00 min
Lab File: BG024504.D
Acq: 25 Oct 2016 19:30

Instrument :
BNA_G
ClientSampleId :
PB94296BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	83.1	52.7	79.1#
154	80.1	57.3	85.9

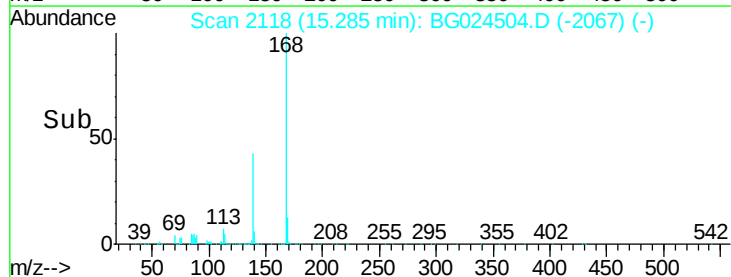
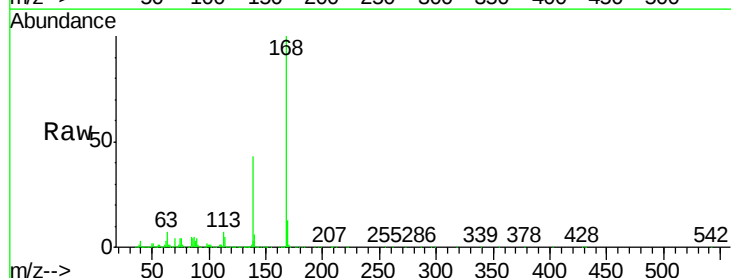
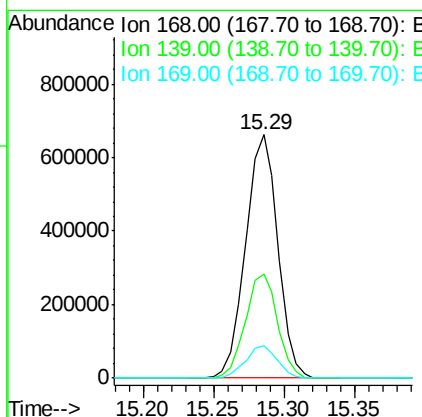
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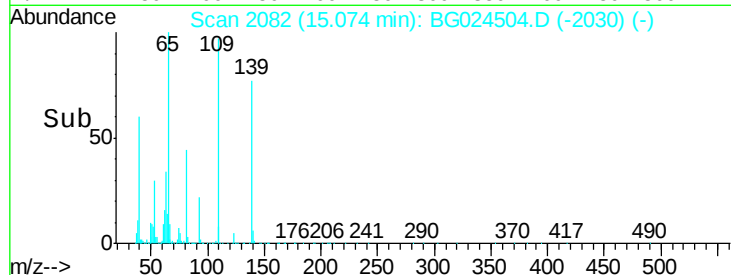
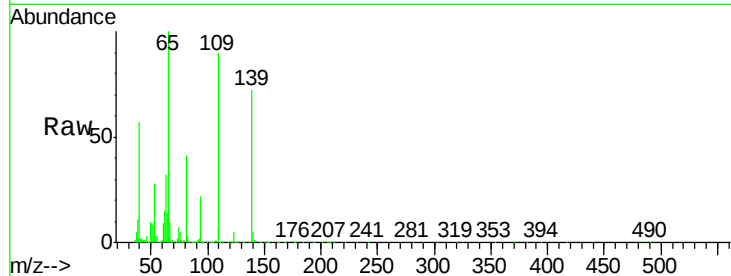
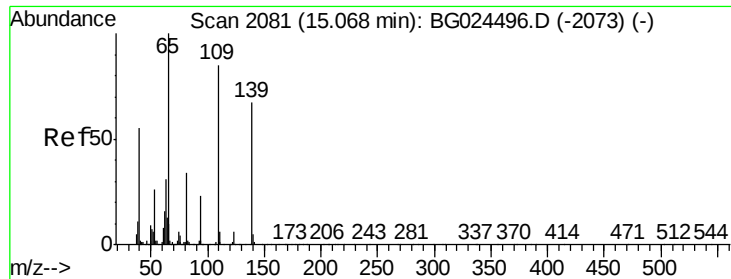
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#54
Dibenzofuran
Concen: 45.41 ng
RT: 15.29 min Scan# 2118
Delta R.T. 0.00 min
Lab File: BG024504.D
Acq: 25 Oct 2016 19:30

Tgt Ion	Ratio	Lower	Upper
168	100		
139	42.5	35.3	52.9
169	13.3	11.5	17.3





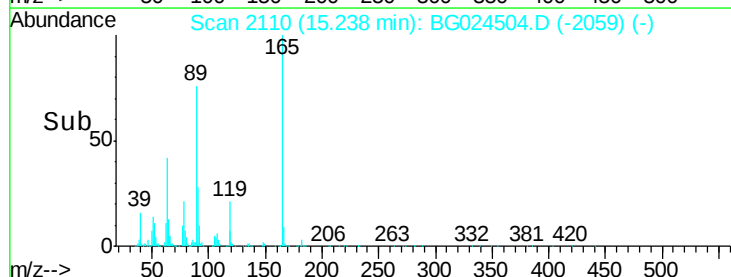
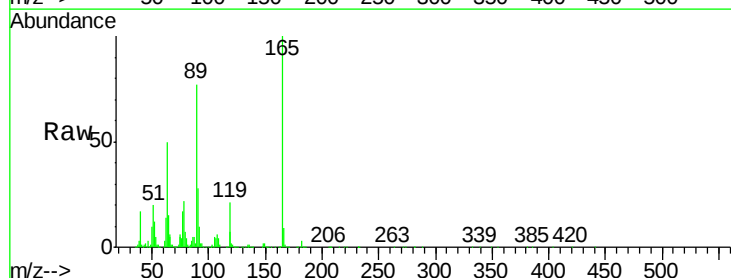
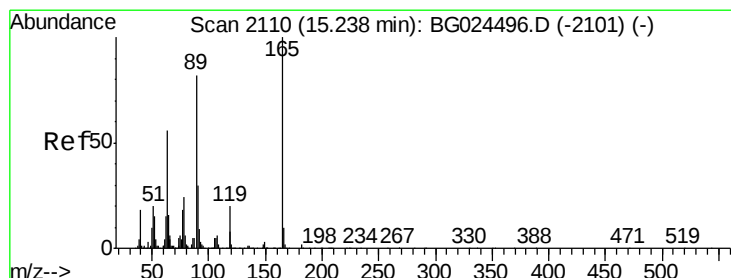
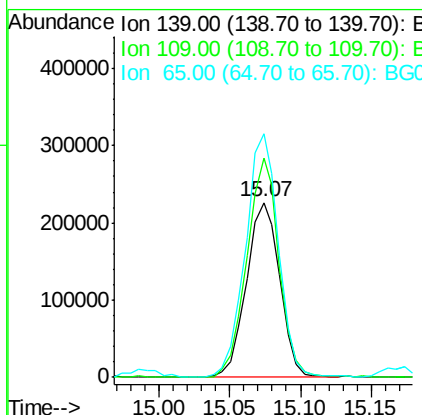
#55
4-Nitrophenol
Concen: 98.27 ng
RT: 15.07 min Scan# 2082
Delta R.T. 0.01 min
Lab File: BG024504.D
Acq: 25 Oct 2016 19:30

Instrument :
BNA_G
ClientSampleId :
PB94296BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	125.5	101.2	141.2
65	139.0	135.3	175.3

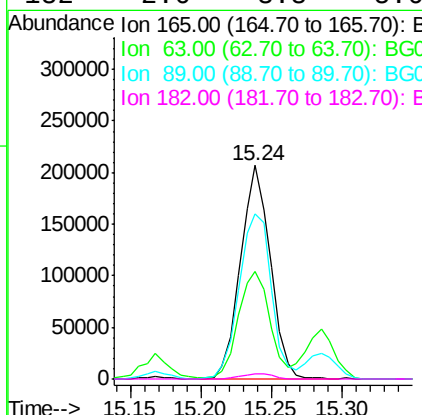
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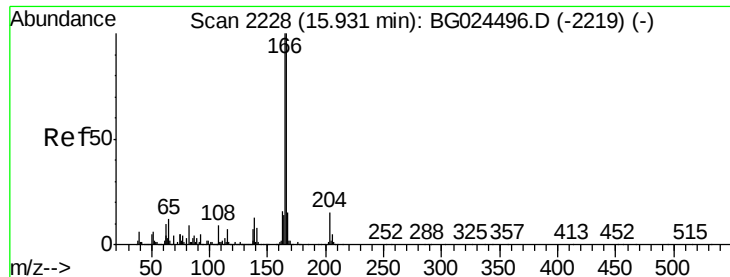
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#56
2,4-Dinitrotoluene
Concen: 49.85 ng
RT: 15.24 min Scan# 2110
Delta R.T. 0.00 min
Lab File: BG024504.D
Acq: 25 Oct 2016 19:30

Tgt Ion	Ratio	Lower	Upper
165	100		
63	50.5	44.0	66.0
89	77.1	67.3	100.9
182	2.6	3.8	5.6#





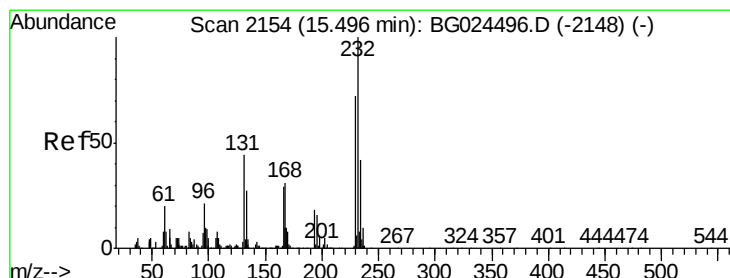
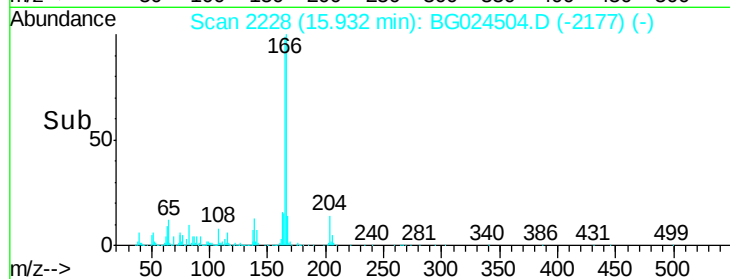
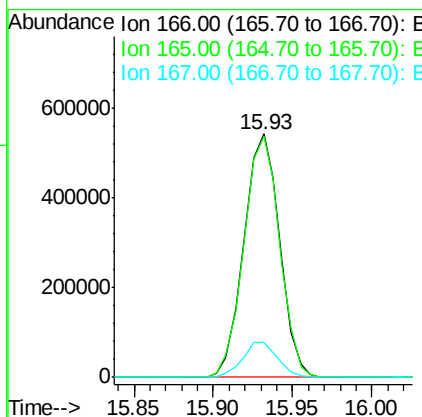
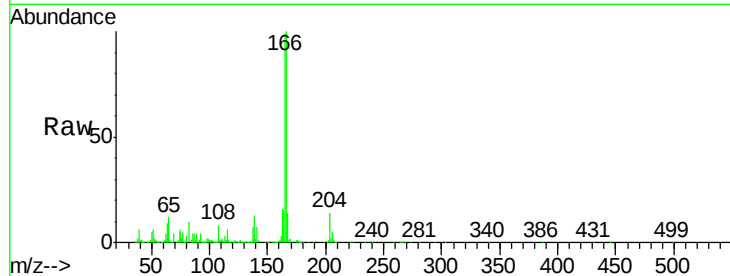
#57
Fluorene
 Concen: 43.89 ng
 RT: 15.93 min Scan# 2228
 Delta R.T. 0.00 min
 Lab File: BG024504.D
 Acq: 25 Oct 2016 19:30

Instrument :
 BNA_G
 ClientSampleId :
 PB94296BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.2	78.6	117.8
167	14.5	11.6	17.4

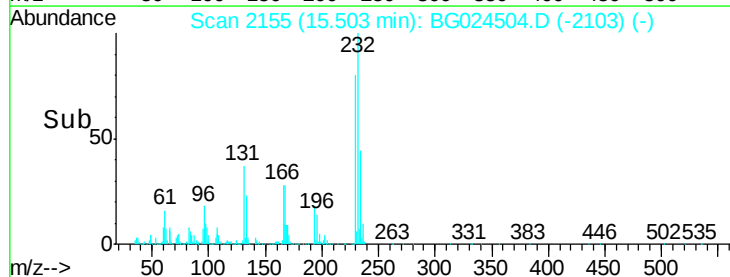
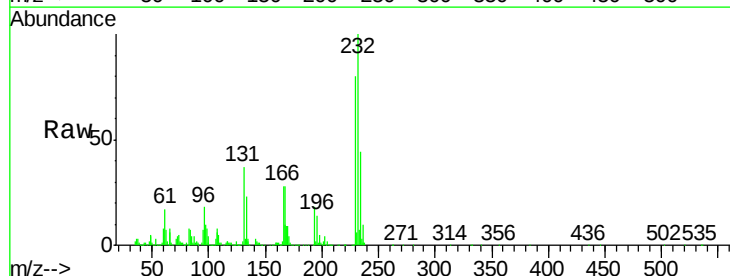
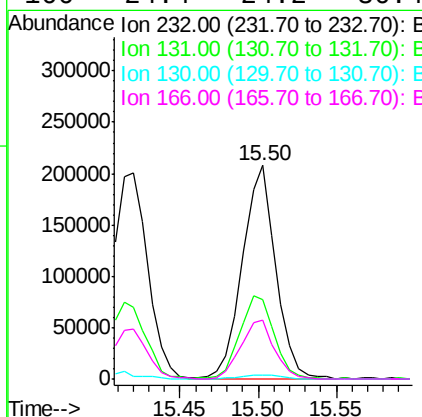
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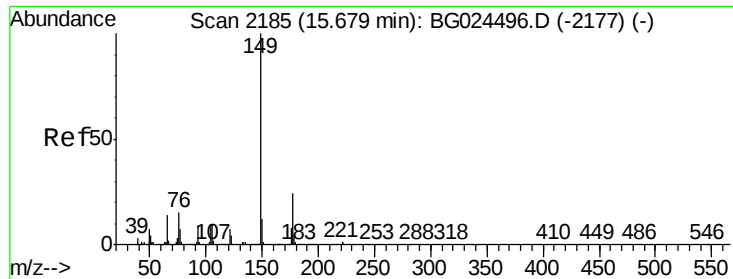
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 48.71 ng m
 RT: 15.50 min Scan# 2155
 Delta R.T. 0.01 min
 Lab File: BG024504.D
 Acq: 25 Oct 2016 19:30

Tgt Ion	Ratio	Lower	Upper
232	100		
131	37.9	34.9	52.3
130	2.8	2.3	3.5
166	24.4	24.2	36.4





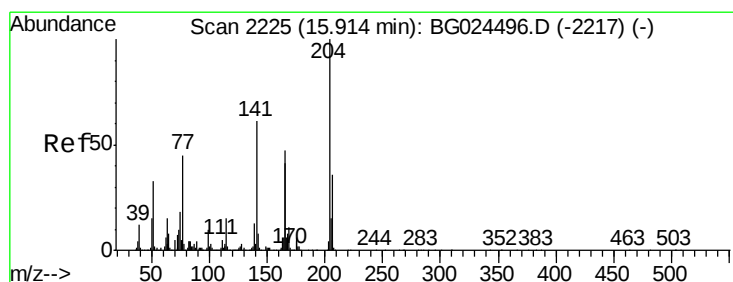
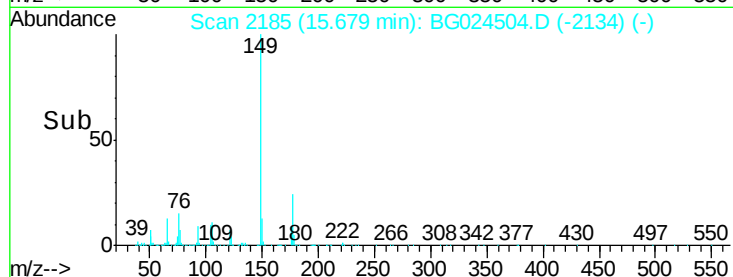
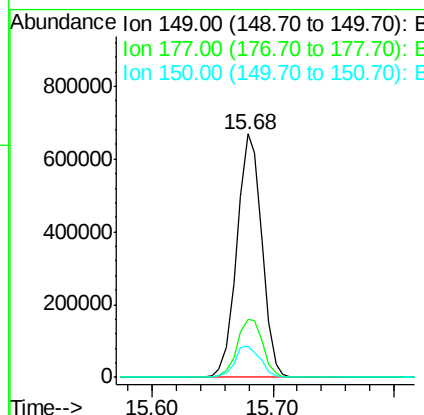
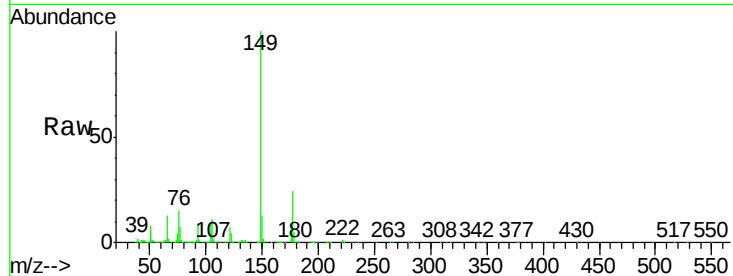
#59
Diethylphthalate
Concen: 46.24 ng
RT: 15.68 min Scan# 2185
Delta R.T. 0.00 min
Lab File: BG024504.D
Acq: 25 Oct 2016 19:30

Instrument :
BNA_G
ClientSampleId :
PB94296BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
177	24.0	20.1	30.1
150	13.0	10.2	15.2

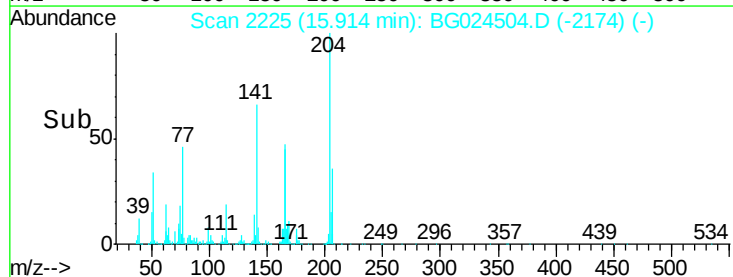
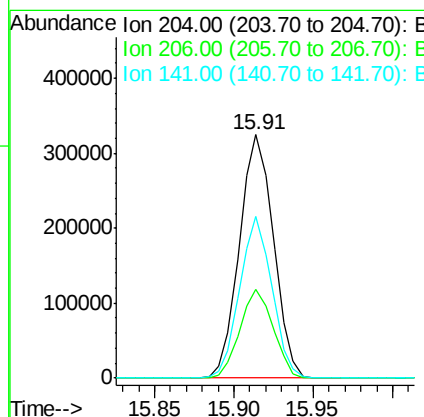
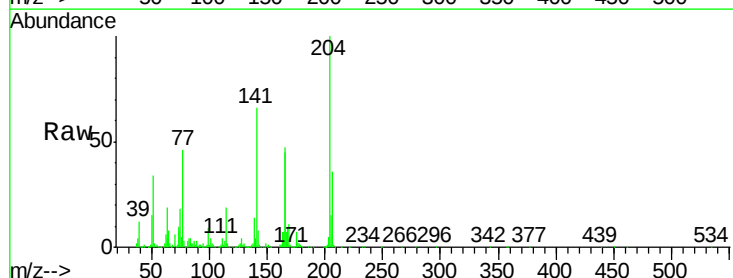
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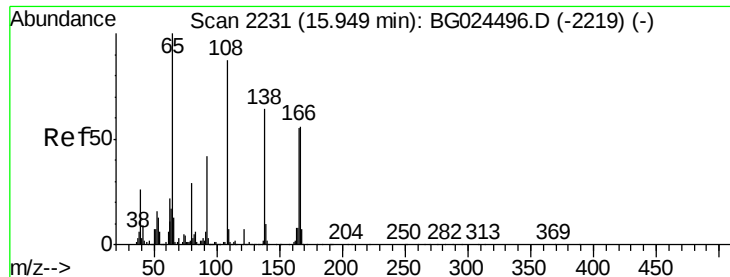
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#60
4-Chlorophenyl-phenylether
Concen: 44.64 ng
RT: 15.91 min Scan# 2225
Delta R.T. 0.00 min
Lab File: BG024504.D
Acq: 25 Oct 2016 19:30

Tgt Ion	Ratio	Resp Lower	Upper
204	100		
206	36.3	30.1	45.1
141	66.4	50.6	76.0





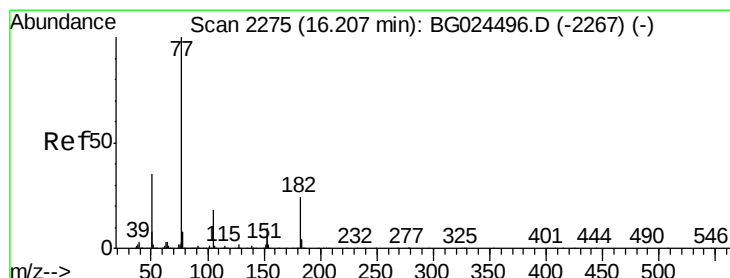
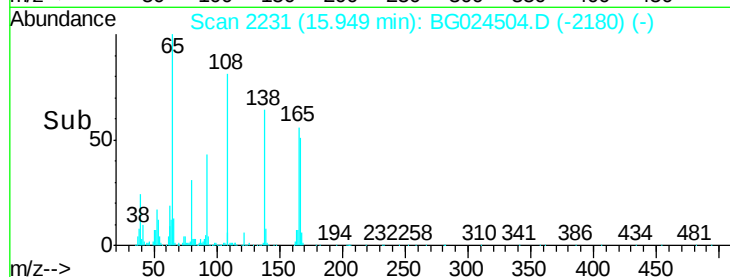
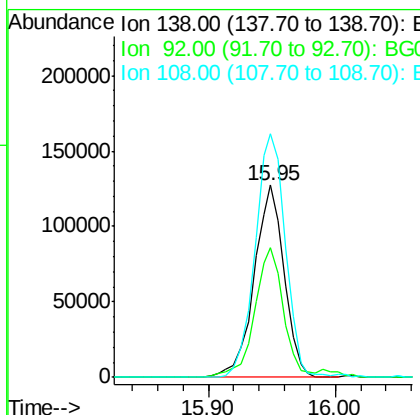
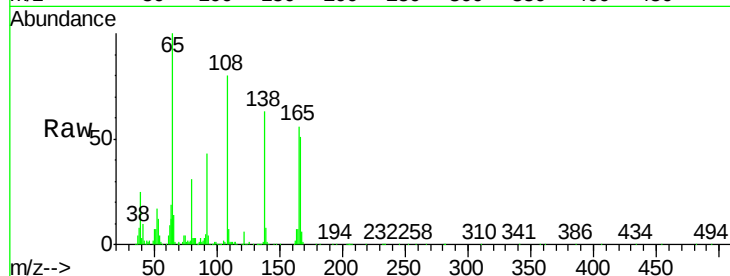
#61
4-Nitroaniline
Concen: 43.85 ng
RT: 15.95 min Scan# 2231
Delta R.T. 0.00 min
Lab File: BG024504.D
Acq: 25 Oct 2016 19:30

Instrument :
BNA_G
ClientSampleId :
PB94296BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	67.3	44.2	84.2
108	126.8	104.8	144.8

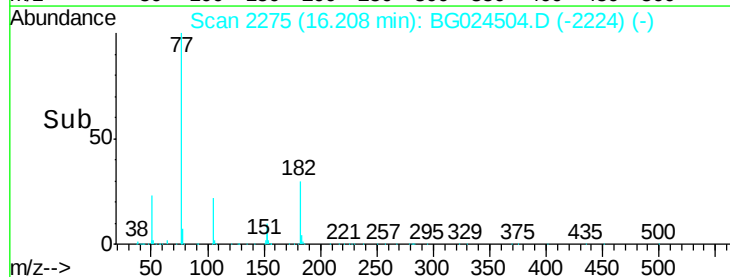
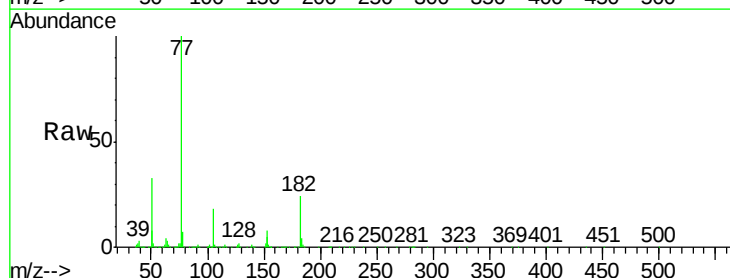
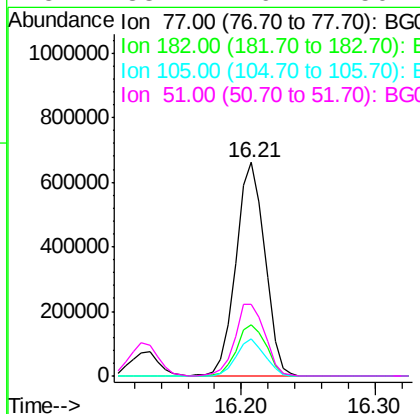
Manual Integrations
APPROVED

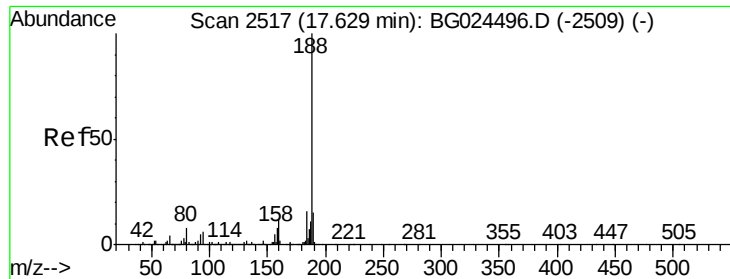
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#62
Azobenzene
Concen: 47.97 ng
RT: 16.21 min Scan# 2275
Delta R.T. 0.00 min
Lab File: BG024504.D
Acq: 25 Oct 2016 19:30

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.3	4.7	44.7
105	17.7	0.0	36.3
51	33.4	16.4	56.4





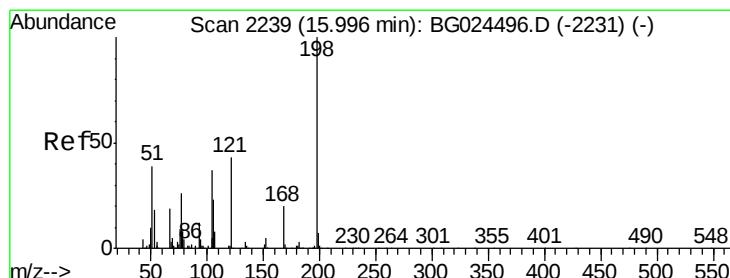
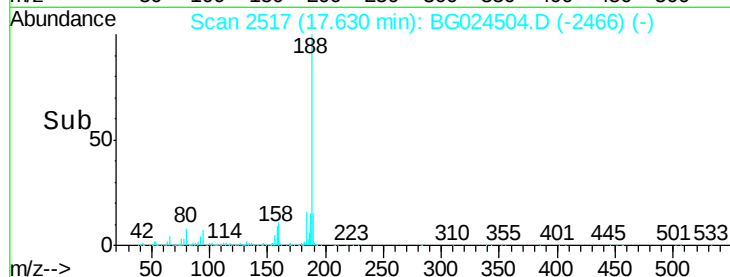
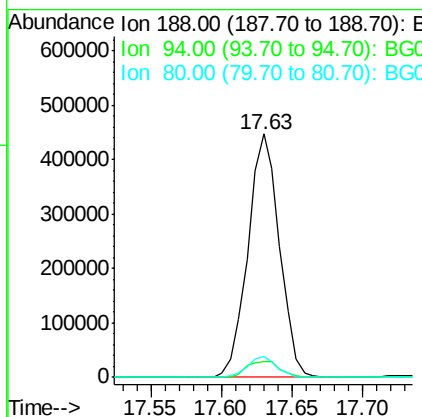
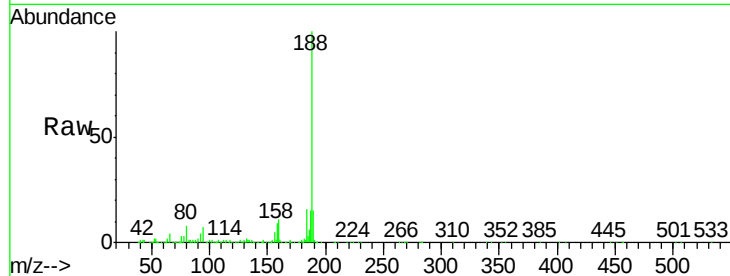
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.63 min Scan# 2517
Delta R.T. 0.00 min
Lab File: BG024504.D
Acq: 25 Oct 2016 19:30

Instrument :
BNA_G
ClientSampleId :
PB94296BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	699406		
94	6.7		5.8	8.8
80	8.4		7.5	11.3

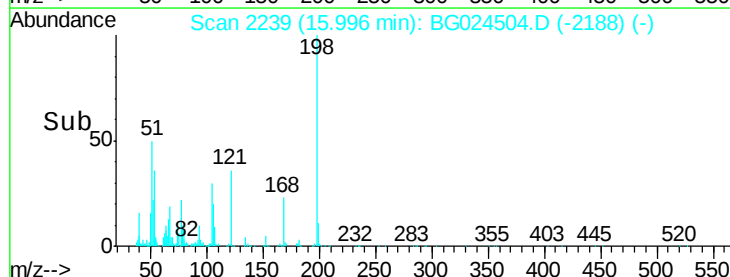
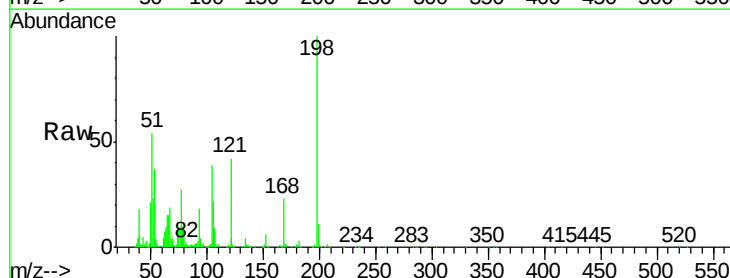
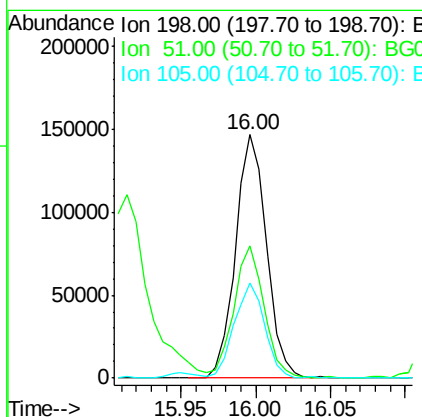
Manual Integrations
APPROVED

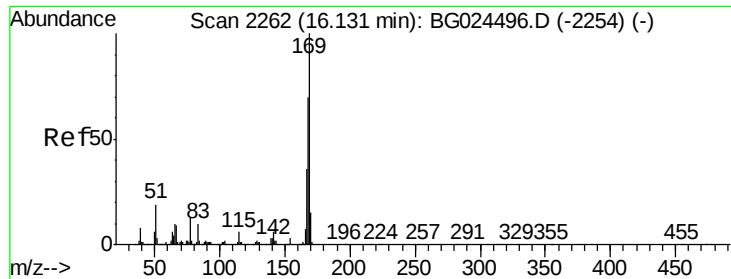
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#64
4,6-Dinitro-2-methylphenol
Concen: 43.98 ng
RT: 16.00 min Scan# 2239
Delta R.T. 0.00 min
Lab File: BG024504.D
Acq: 25 Oct 2016 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	211920		
51	54.1		22.6	62.6
105	39.3		14.4	54.4





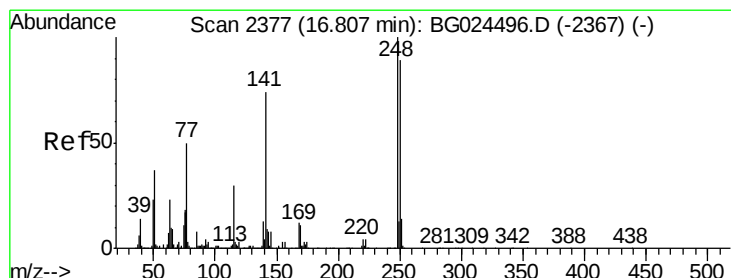
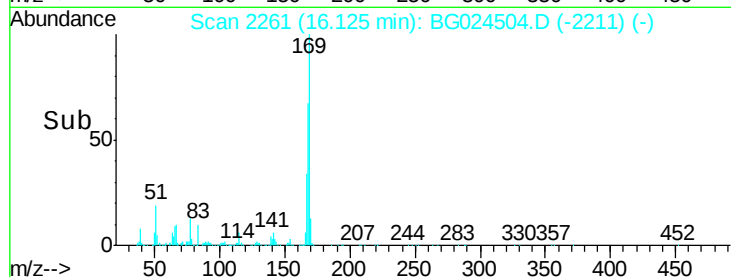
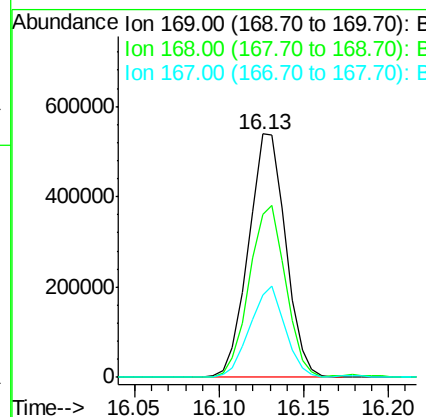
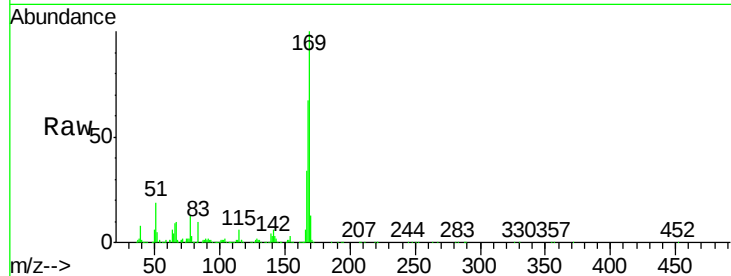
#65
n-Nitrosodiphenylamine
Concen: 43.20 ng
RT: 16.13 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BG024504.D
Acq: 25 Oct 2016 19:30

Instrument :
BNA_G
ClientSampleId :
PB94296BS

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.0	55.7	83.5
167	34.0	29.8	44.6

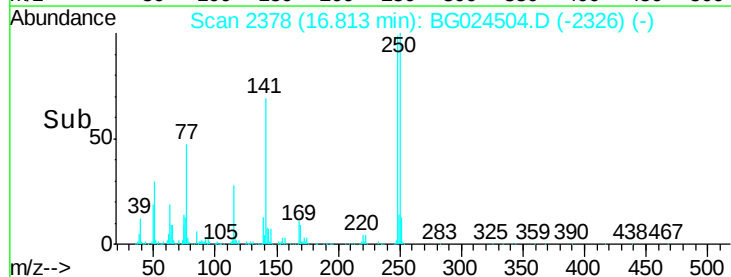
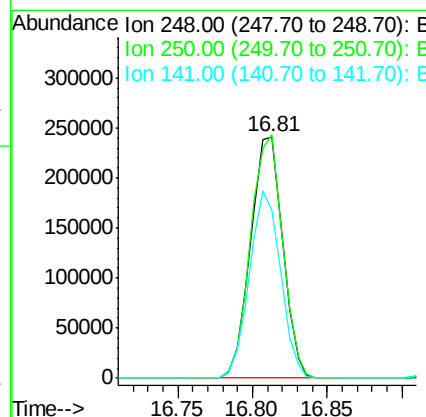
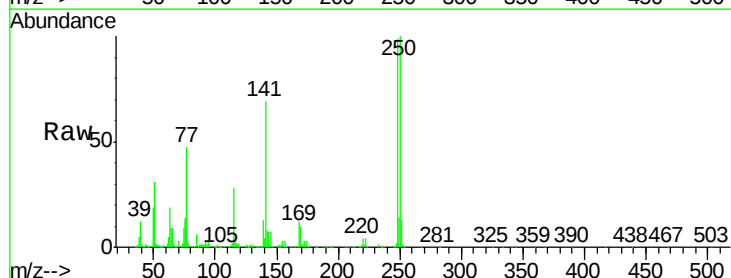
Manual Integrations
APPROVED

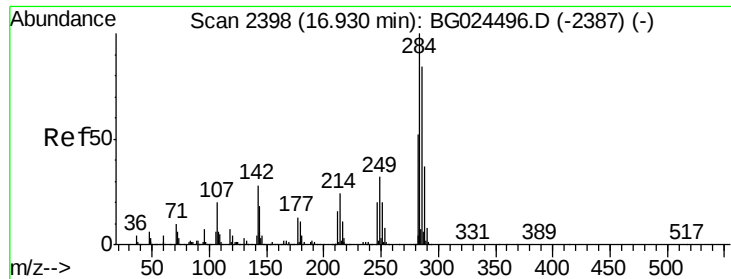
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#66
4-Bromophenyl-phenylether
Concen: 42.18 ng
RT: 16.81 min Scan# 2378
Delta R.T. 0.01 min
Lab File: BG024504.D
Acq: 25 Oct 2016 19:30

Tgt Ion	Ratio	Lower	Upper
248	100		
250	100.9	75.0	112.6
141	69.4	55.2	82.8





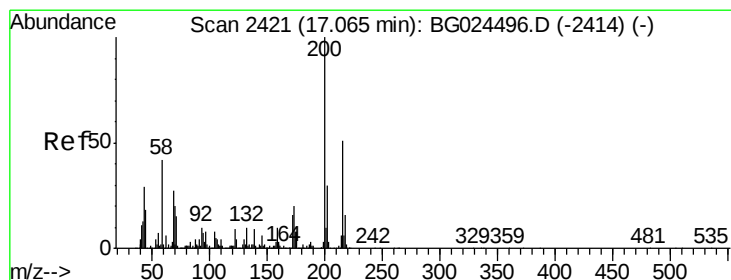
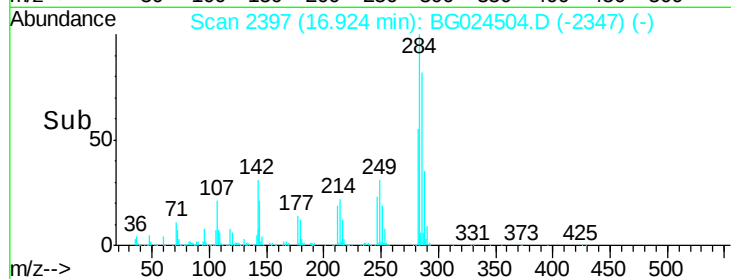
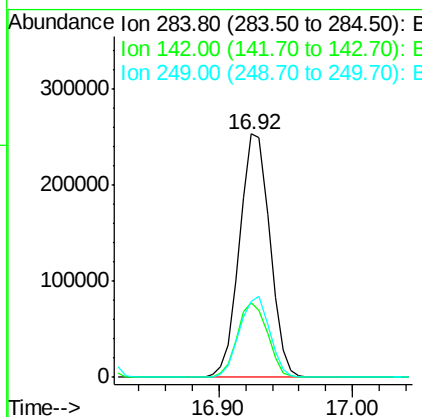
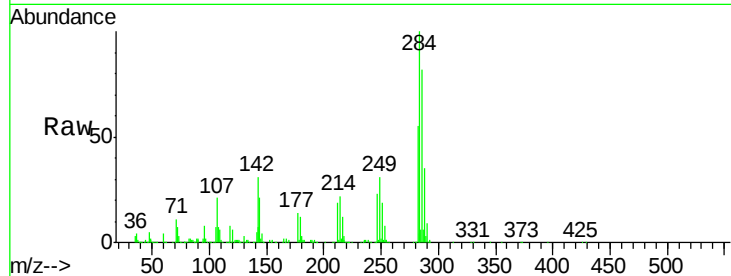
#67
Hexachlorobenzene
Concen: 42.28 ng
RT: 16.92 min Scan# 2397
Delta R.T. -0.01 min
Lab File: BG024504.D
Acq: 25 Oct 2016 19:30

Instrument :
BNA_G
ClientSampleId :
PB94296BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	396626		
142	30.8		29.9	44.9
249	31.2		29.2	43.8

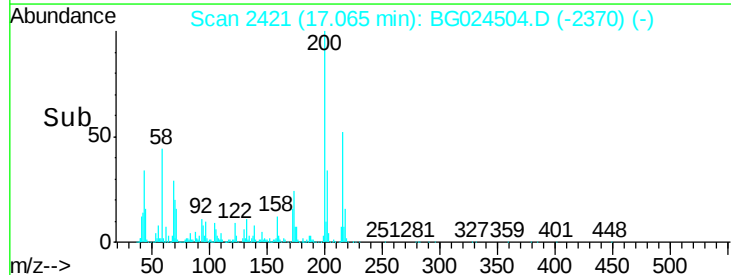
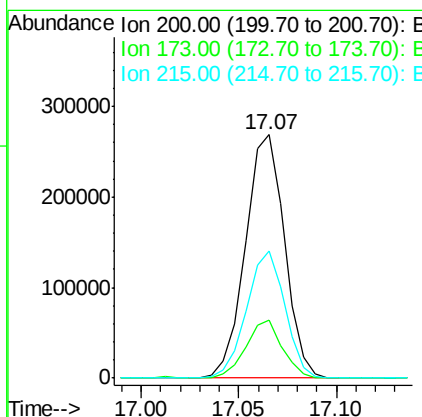
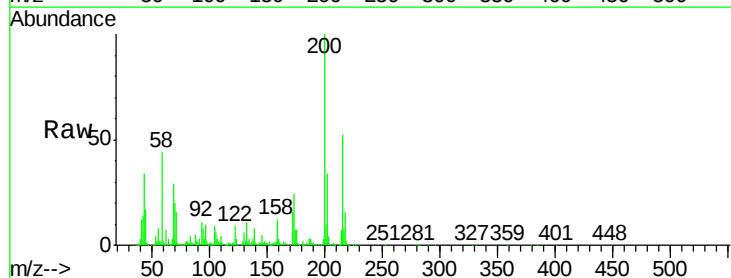
Manual Integrations
APPROVED

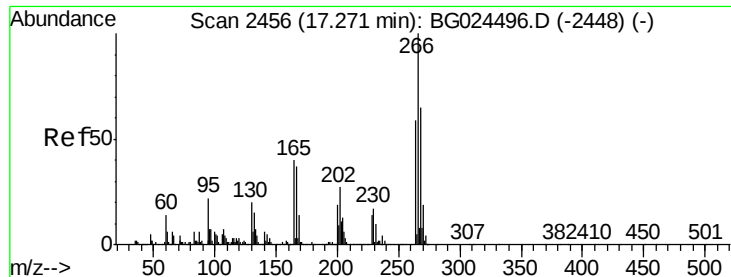
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#68
Atrazine
Concen: 45.44 ng
RT: 17.07 min Scan# 2421
Delta R.T. 0.00 min
Lab File: BG024504.D
Acq: 25 Oct 2016 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	372688		
173	23.9		3.0	43.0
215	52.1		28.4	68.4





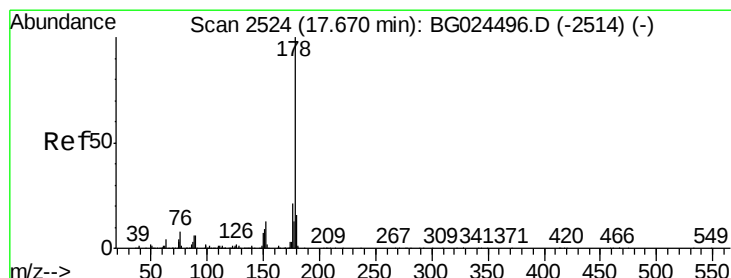
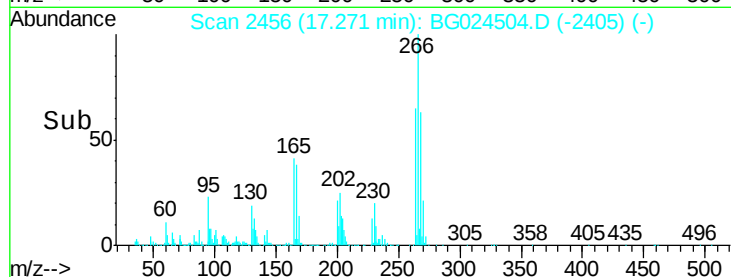
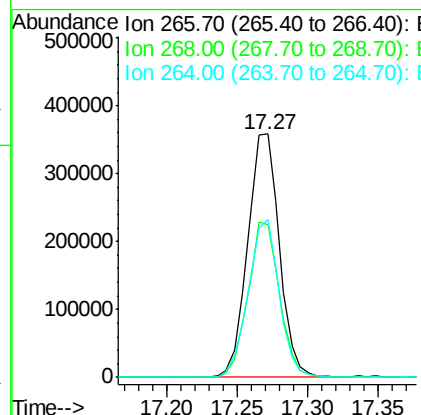
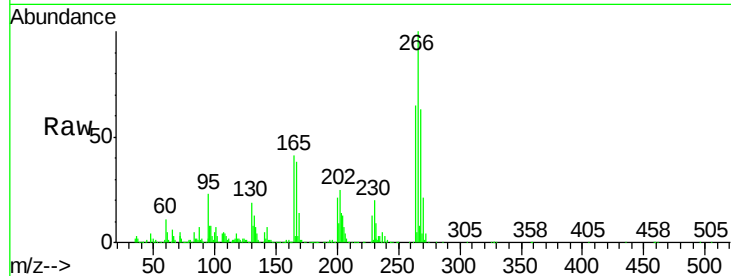
#69
 Pentachlorophenol
 Concen: 91.33 ng
 RT: 17.27 min Scan# 2456
 Delta R.T. 0.00 min
 Lab File: BG024504.D
 Acq: 25 Oct 2016 19:30

Instrument :
 BNA_G
 ClientSampleId :
 PB94296BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.6	48.6	72.8
264	65.0	50.1	75.1

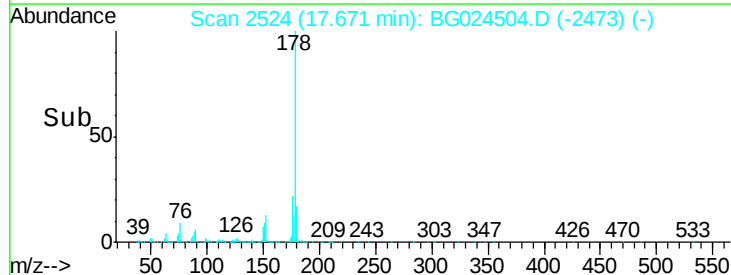
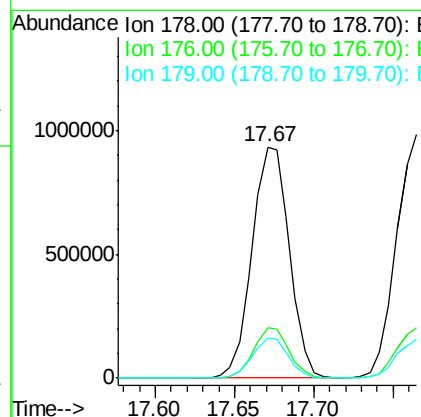
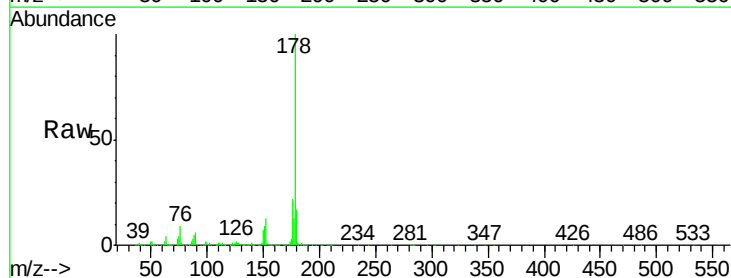
Manual Integrations
 APPROVED

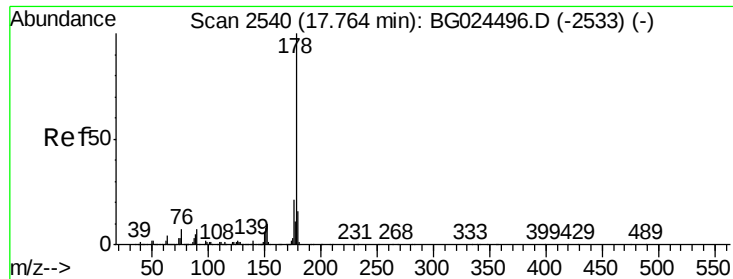
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#70
 Phenanthrene
 Concen: 42.80 ng
 RT: 17.67 min Scan# 2524
 Delta R.T. 0.00 min
 Lab File: BG024504.D
 Acq: 25 Oct 2016 19:30

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.8	17.7	26.5
179	17.4	15.0	22.6





#71

Anthracene

Concen: 43.53 ng

RT: 17.76 min Scan# 2540

Delta R.T. 0.00 min

Lab File: BG024504.D

Acq: 25 Oct 2016 19:30

Instrument :

BNA_G

ClientSampleId :

PB94296BS

Tot Ion:178 Resp: 1565590

Ion Ratio Lower Upper

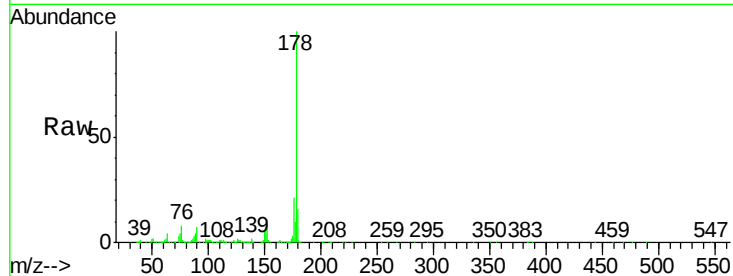
178 100

176 20.6 16.4 24.6

179 16.1 13.8 20.8

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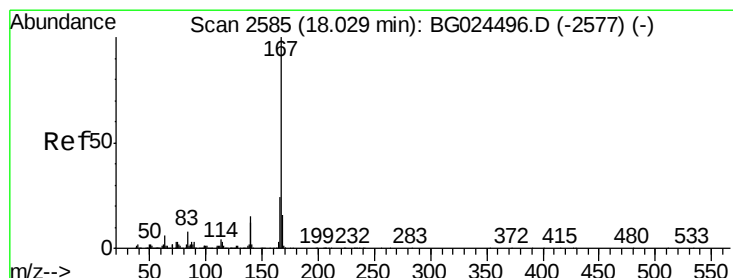
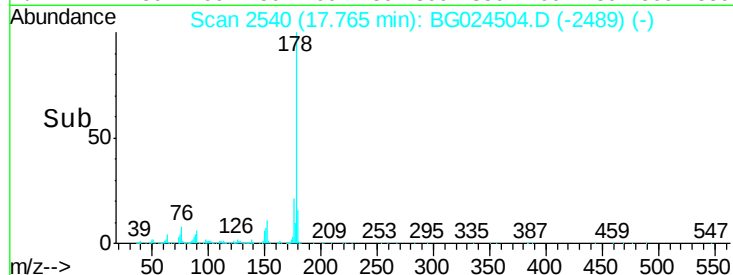
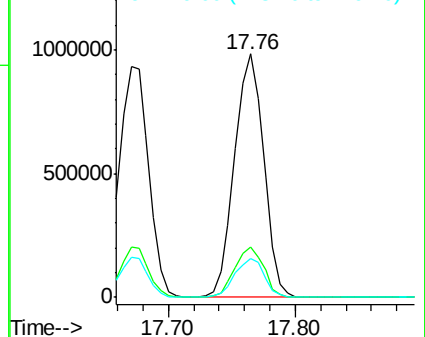
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 43.18 ng

RT: 18.03 min Scan# 2585

Delta R.T. 0.00 min

Lab File: BG024504.D

Acq: 25 Oct 2016 19:30

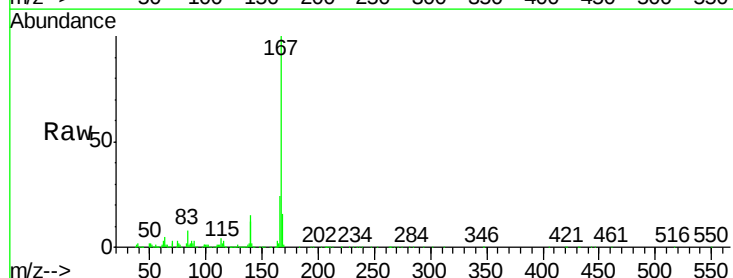
Tgt Ion:167 Resp: 1416443

Ion Ratio Lower Upper

167 100

166 24.5 20.2 30.2

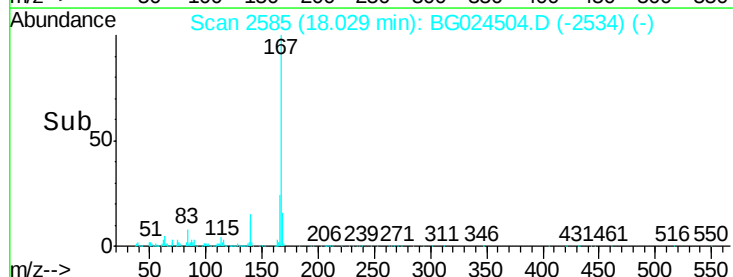
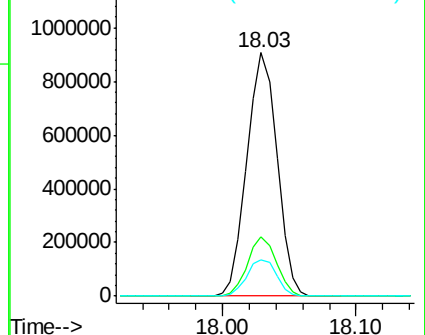
139 14.9 12.8 19.2

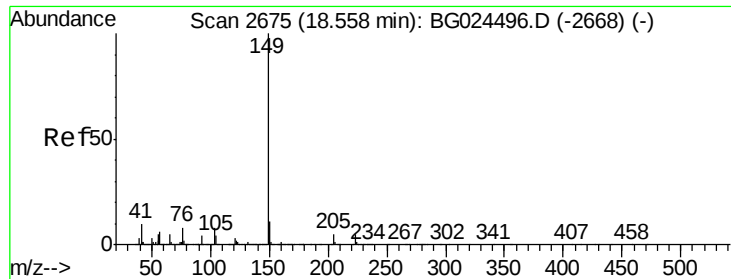


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 44.52 ng

RT: 18.56 min Scan# 2675

Delta R.T. 0.00 min

Lab File: BG024504.D

Acq: 25 Oct 2016 19:30

Instrument :

BNA_G

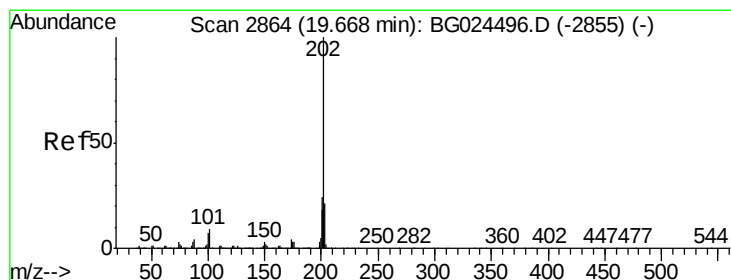
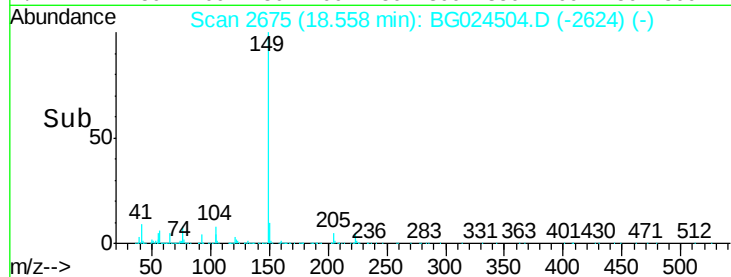
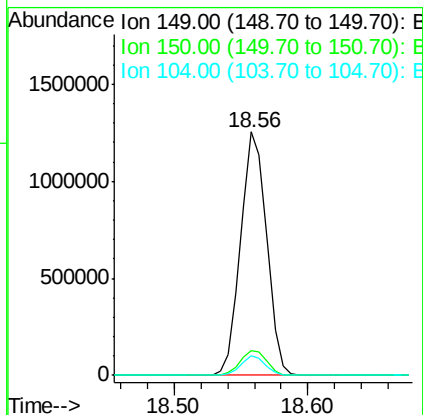
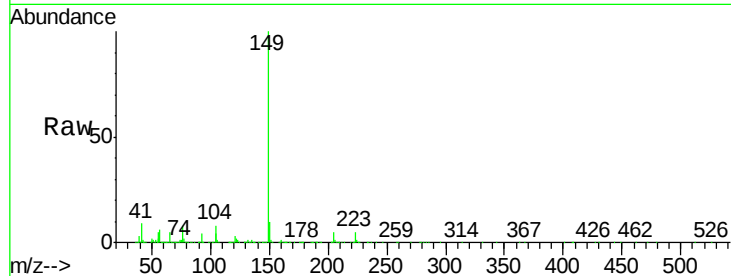
ClientSampleId :

PB94296BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	10.1	9.1	13.7
104	8.0	6.7	10.1

Manual Integrations
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#74

Fluoranthene

Concen: 44.99 ng

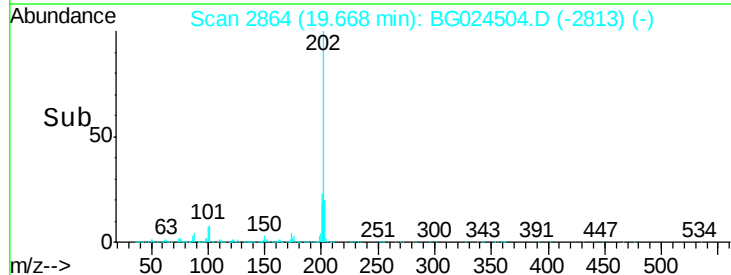
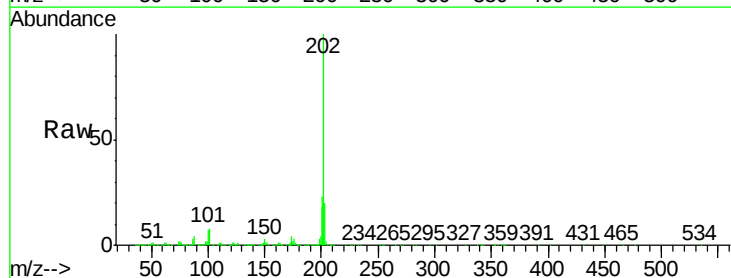
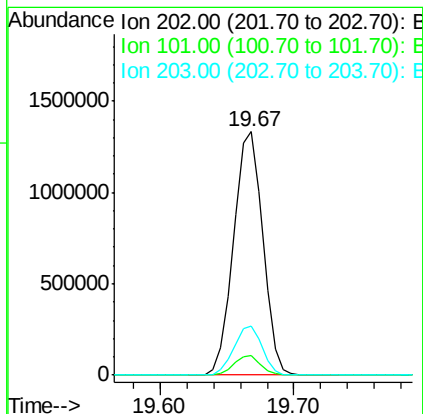
RT: 19.67 min Scan# 2864

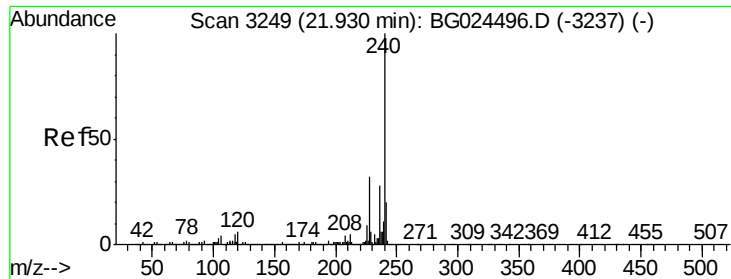
Delta R.T. 0.00 min

Lab File: BG024504.D

Acq: 25 Oct 2016 19:30

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.0	0.0	30.1
203	20.2	1.3	41.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.93 min Scan# 3249

Delta R.T. 0.00 min

Lab File: BG024504.D

Acq: 25 Oct 2016 19:30

Instrument :

BNA_G

ClientSampleId :

PB94296BS

Tot Ion:240 Resp: 1008669

Ion Ratio Lower Upper

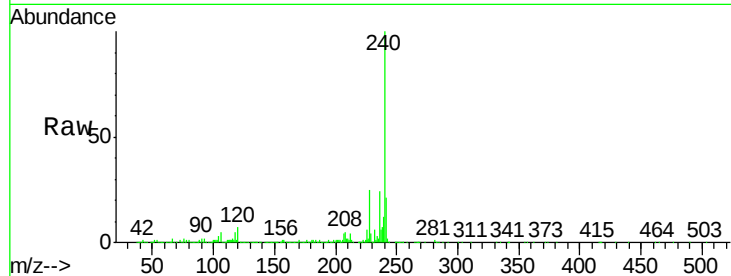
240 100

120 6.7 5.7 8.5

236 24.2 22.2 33.4

Manual Integrations
APPROVED

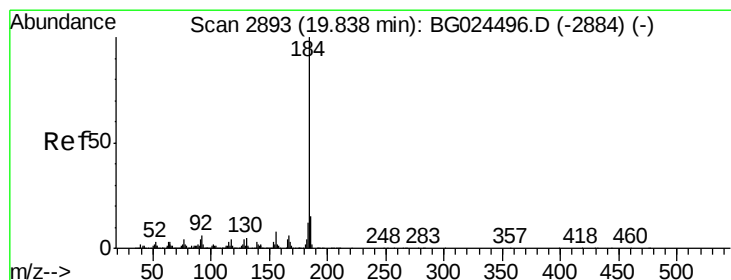
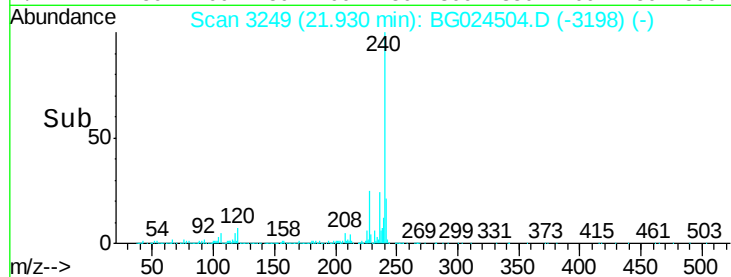
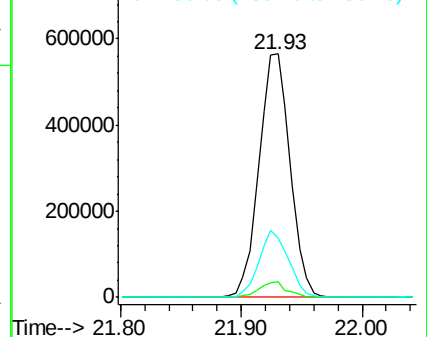
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 41.83 ng

RT: 19.84 min Scan# 2893

Delta R.T. 0.00 min

Lab File: BG024504.D

Acq: 25 Oct 2016 19:30

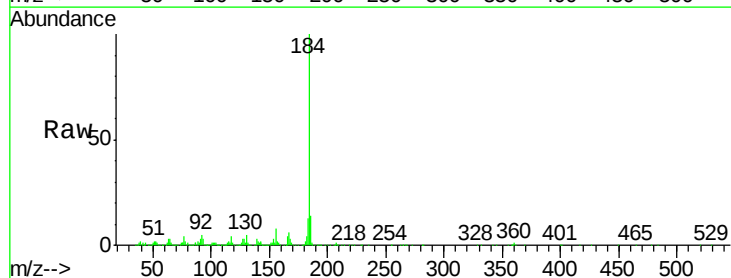
Tgt Ion:184 Resp: 994008

Ion Ratio Lower Upper

184 100

185 14.2 13.0 19.6

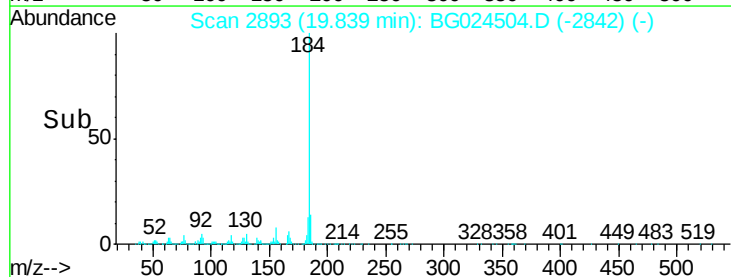
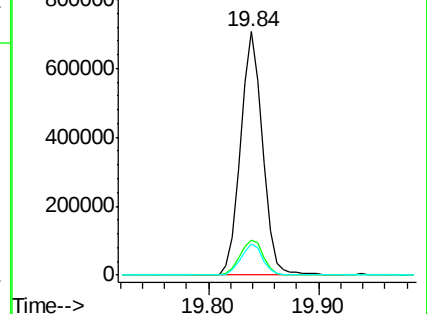
183 12.8 11.0 16.6

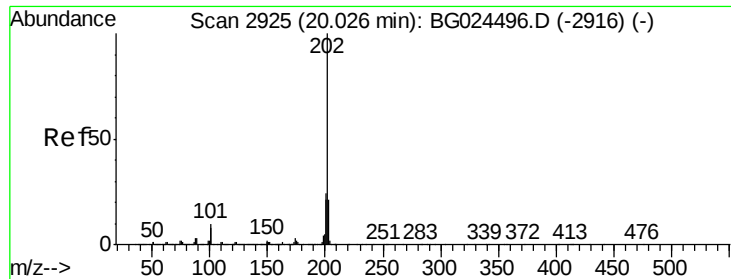


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





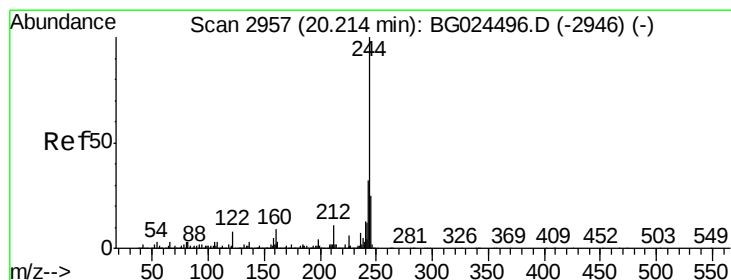
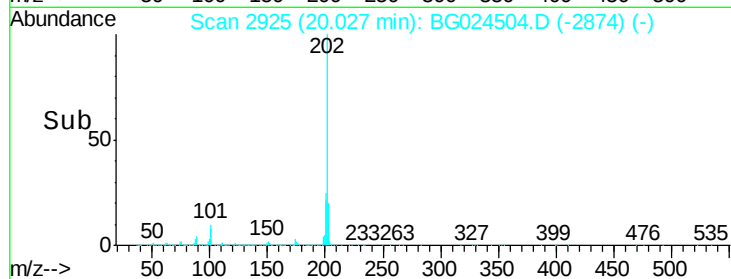
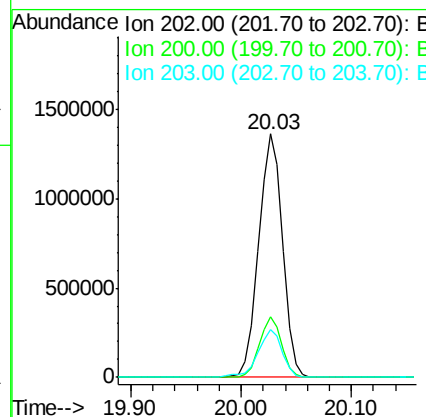
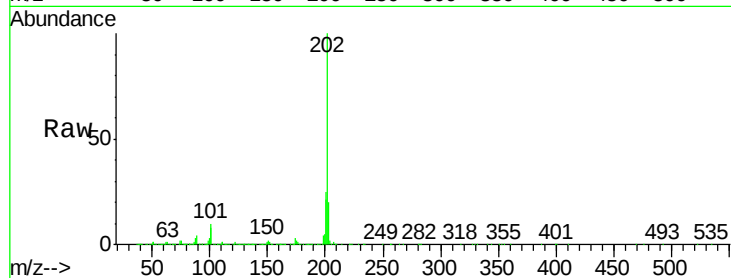
#77
Pvrene
Concen: 41.92 ng
RT: 20.03 min Scan# 2925
Delta R.T. 0.00 min
Lab File: BG024504.D
Acq: 25 Oct 2016 19:30

Instrument :
BNA_G
ClientSampleId :
PB94296BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	25.0	19.6	29.4
203	19.5	15.8	23.8

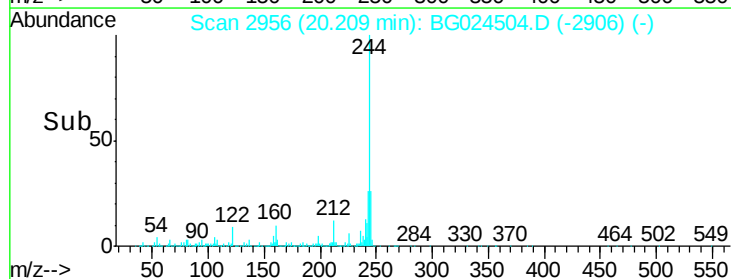
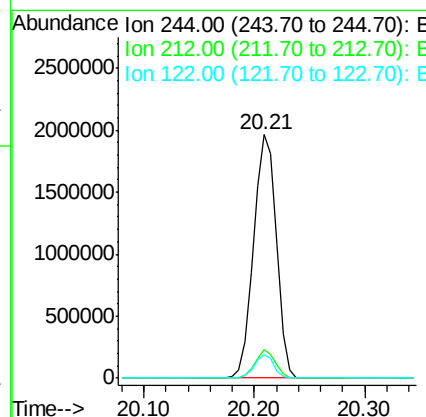
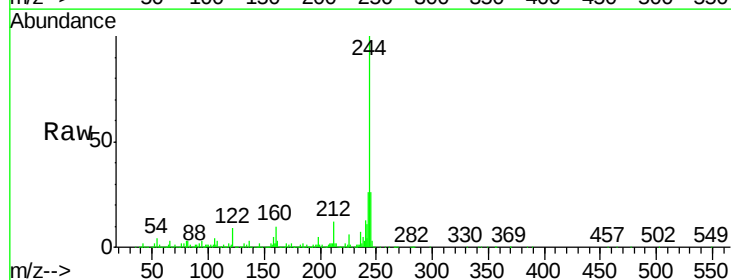
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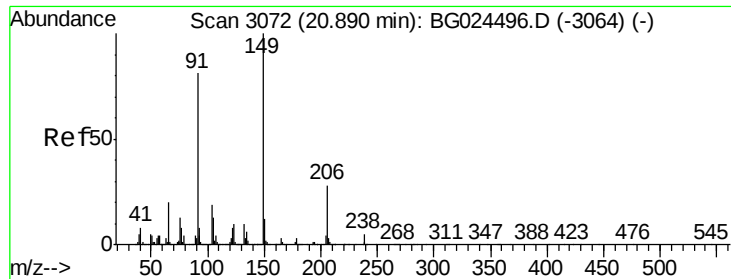
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#78
Terphenyl-d14
Concen: 84.11 ng
RT: 20.21 min Scan# 2956
Delta R.T. -0.01 min
Lab File: BG024504.D
Acq: 25 Oct 2016 19:30

Tgt Ion	Ratio	Lower	Upper
244	100		
212	11.7	10.0	15.0
122	9.5	8.6	12.8





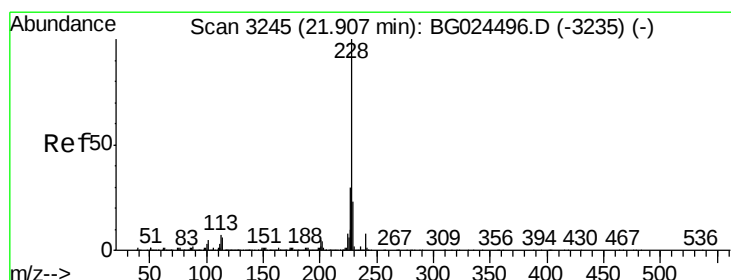
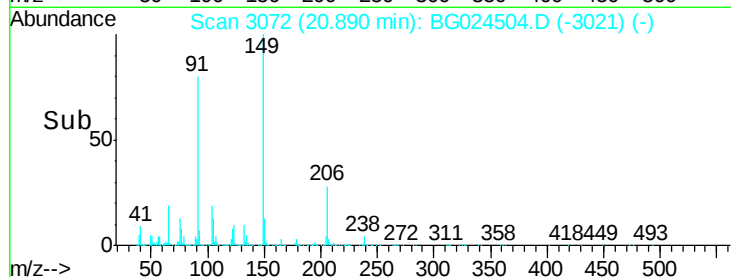
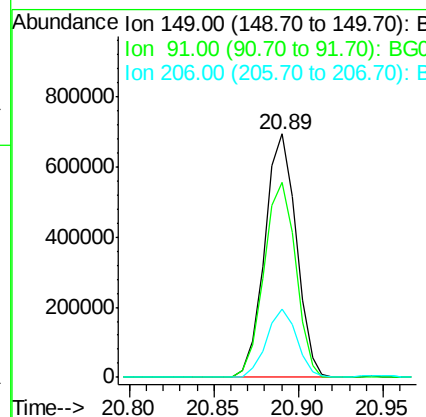
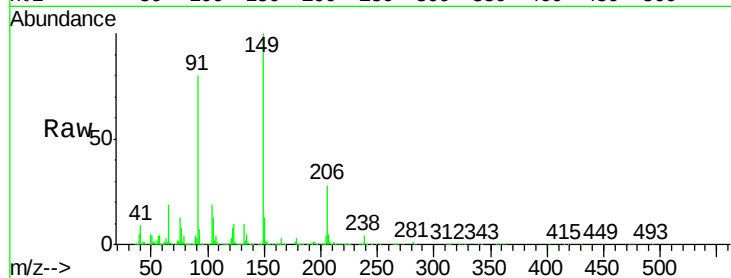
#79
Butylbenzylphthalate
Concen: 43.56 ng
RT: 20.89 min Scan# 3072
Delta R.T. 0.00 min
Lab File: BG024504.D
Acq: 25 Oct 2016 19:30

Instrument :
BNA_G
ClientSampleId :
PB94296BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	80.2	63.5	95.3
206	27.9	21.0	31.6

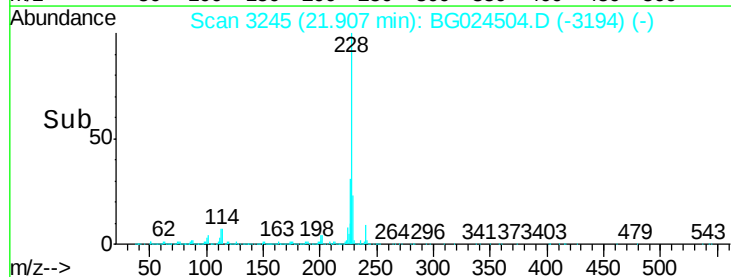
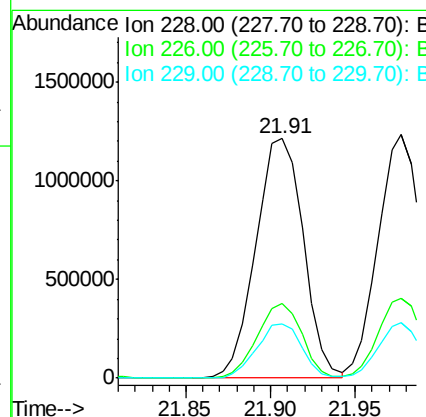
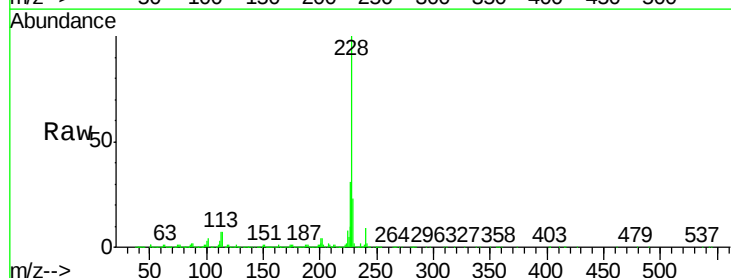
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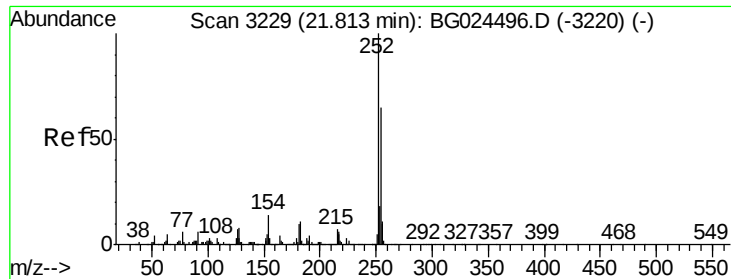
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#80
Benzo(a)anthracene
Concen: 42.89 ng
RT: 21.91 min Scan# 3245
Delta R.T. 0.00 min
Lab File: BG024504.D
Acq: 25 Oct 2016 19:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.9	37.3
229	22.5	18.2	27.2





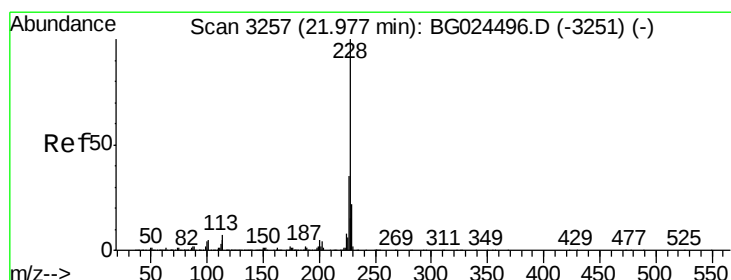
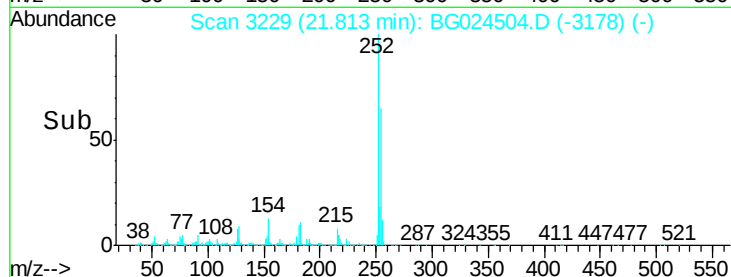
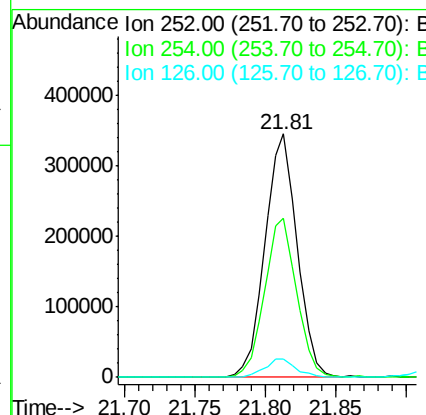
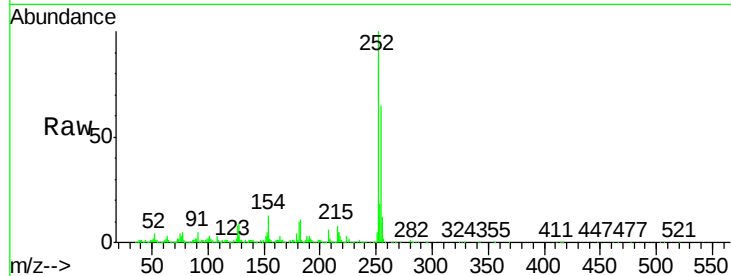
#81
 3,3'-Dichlorobenzidine
 Concen: 24.62 ng
 RT: 21.81 min Scan# 3229
 Delta R.T. 0.00 min
 Lab File: BG024504.D
 Acq: 25 Oct 2016 19:30

Instrument :
 BNA_G
 ClientSampleId :
 PB94296BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.3	53.1	79.7
126	7.7	7.0	10.4

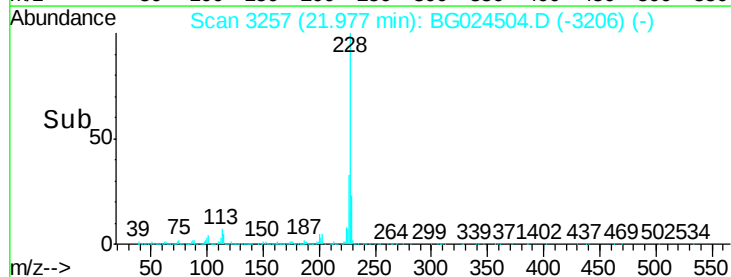
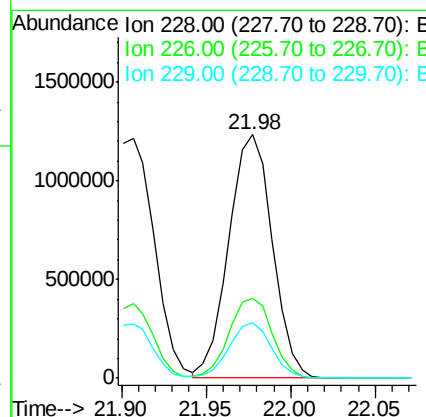
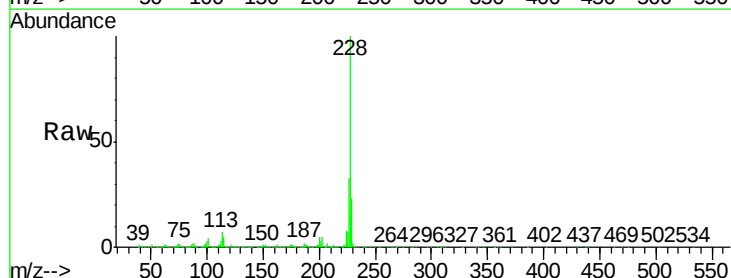
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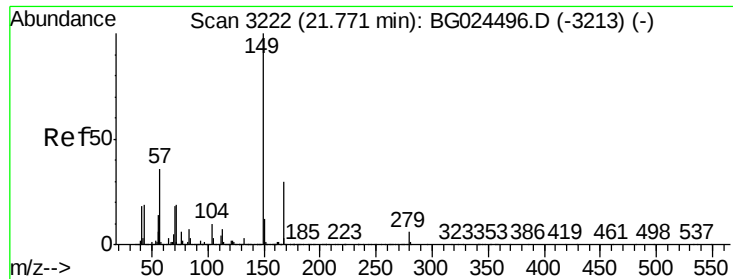
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#82
 Chrysene
 Concen: 41.92 ng
 RT: 21.98 min Scan# 3257
 Delta R.T. 0.00 min
 Lab File: BG024504.D
 Acq: 25 Oct 2016 19:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.8	27.0	40.4
229	22.7	17.8	26.6





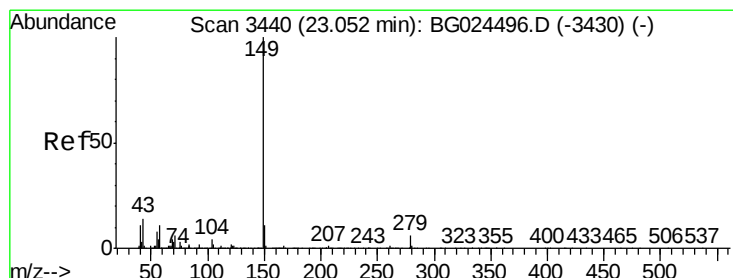
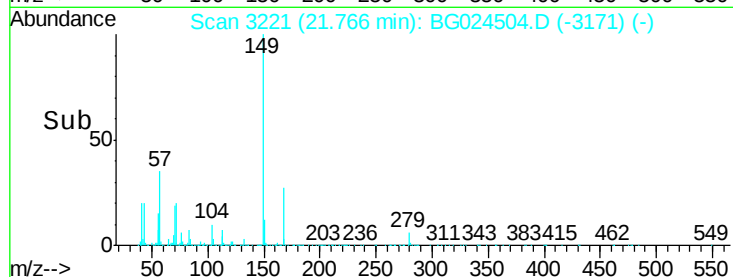
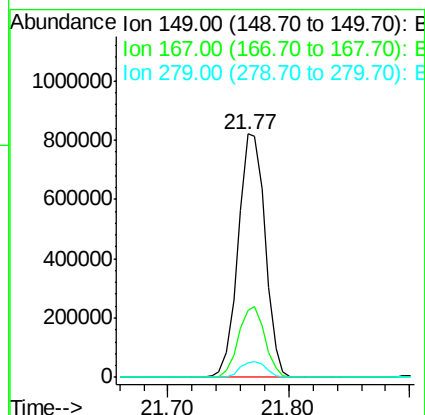
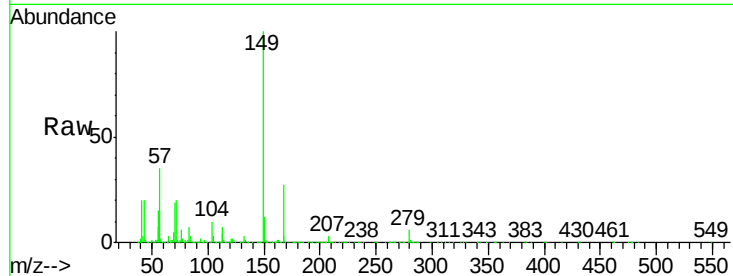
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.55 ng
 RT: 21.77 min Scan# 3221
 Delta R.T. -0.01 min
 Lab File: BG024504.D
 Acq: 25 Oct 2016 19:30

Instrument :
 BNA_G
 ClientSampleId :
 PB94296BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.5	23.7	35.5
279	5.9	4.6	6.8

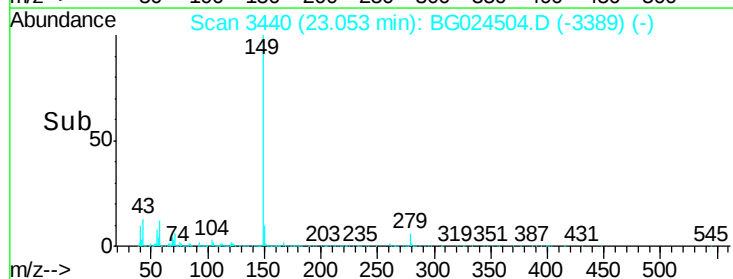
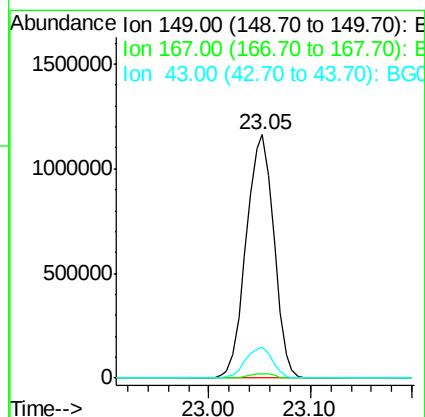
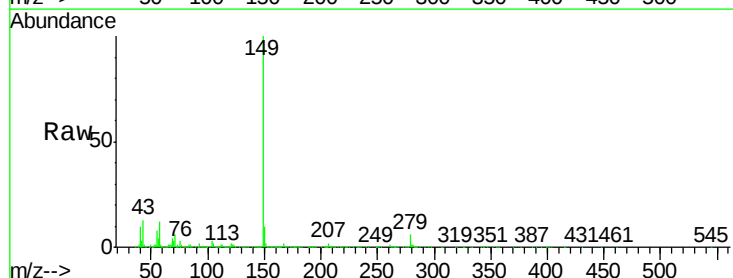
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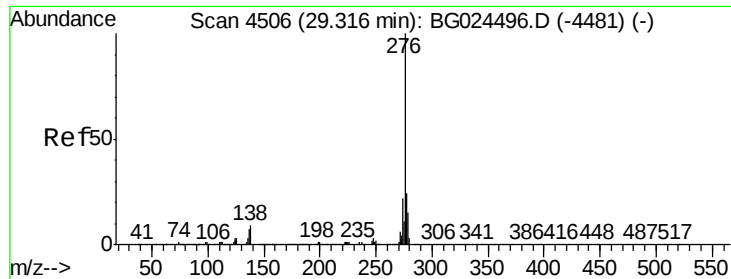
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#84
 Di-n-octyl phthalate
 Concen: 45.12 ng
 RT: 23.05 min Scan# 3440
 Delta R.T. 0.00 min
 Lab File: BG024504.D
 Acq: 25 Oct 2016 19:30

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.2
43	12.3	11.8	17.6





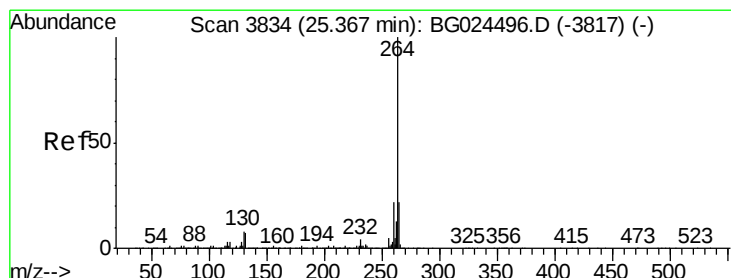
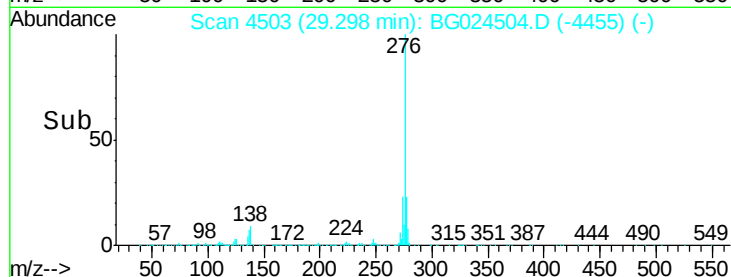
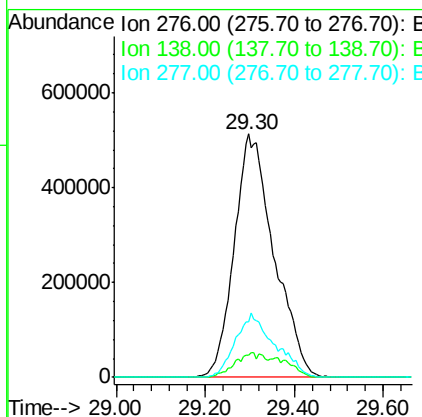
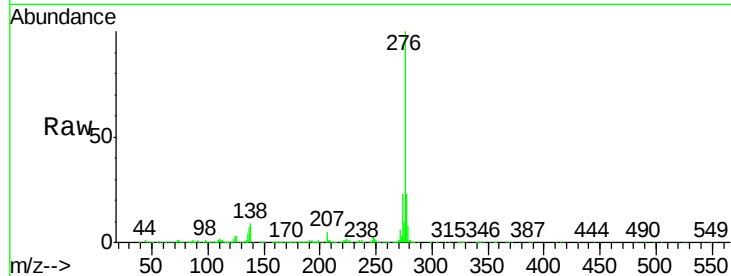
#85
Indeno(1,2,3-cd)pyrene
Concen: 43.56 ng
RT: 29.30 min Scan# 4503
Delta R.T. -0.02 min
Lab File: BG024504.D
Acq: 25 Oct 2016 19:30

Instrument :
BNA_G
ClientSampleId :
PB94296BS

Tot Ion:276 Resp: 3173203
Ion Ratio Lower Upper
276 100
138 5.7 4.7 7.1
277 25.9 20.6 31.0

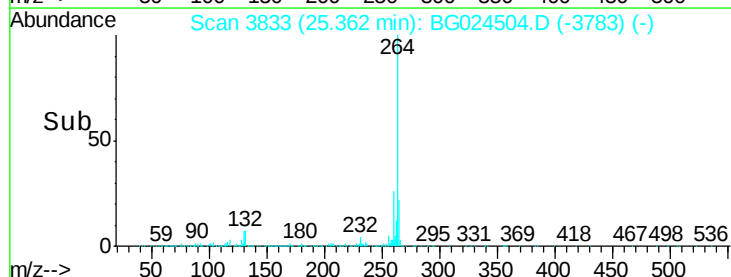
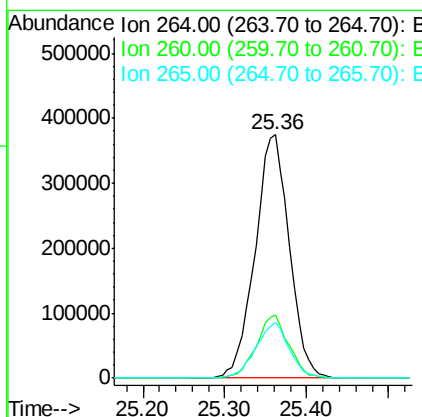
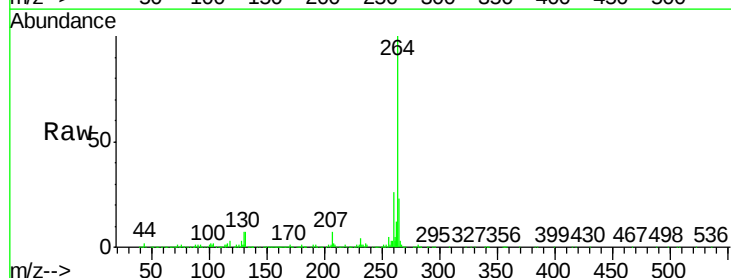
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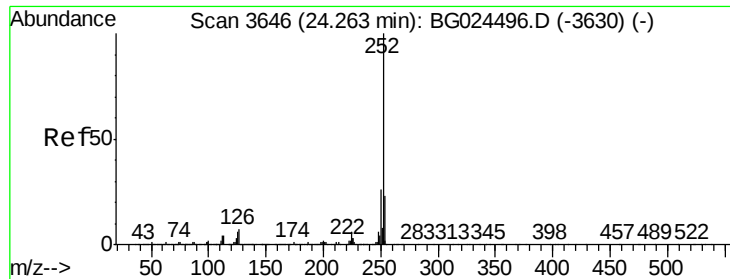
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#86
Perylene-d12
Concen: 20.00 ng
RT: 25.36 min Scan# 3833
Delta R.T. -0.01 min
Lab File: BG024504.D
Acq: 25 Oct 2016 19:30

Tgt Ion:264 Resp: 1088650
Ion Ratio Lower Upper
264 100
260 25.9 21.8 32.8
265 22.6 18.2 27.4





#87

Benzo(b)fluoranthene

Concen: 43.81 ng

RT: 24.26 min Scan# 3645

Delta R.T. -0.01 min

Lab File: BG024504.D

Acq: 25 Oct 2016 19:30

Instrument :

BNA_G

ClientSampleId :

PB94296BS

Tot Ion:252 Resp: 2577713

Ion Ratio Lower Upper

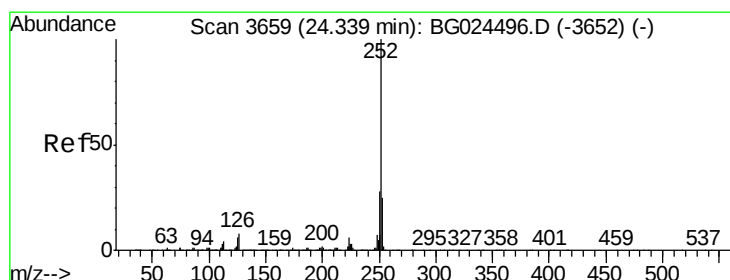
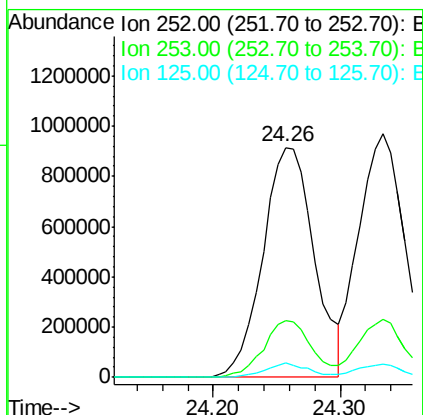
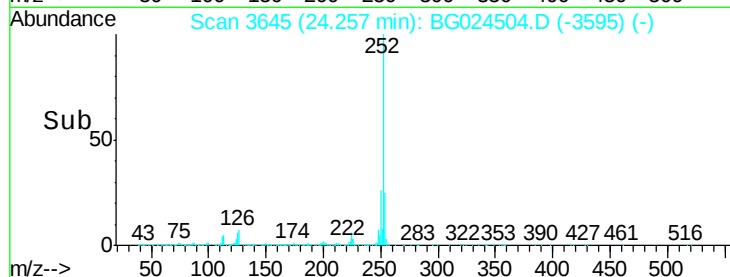
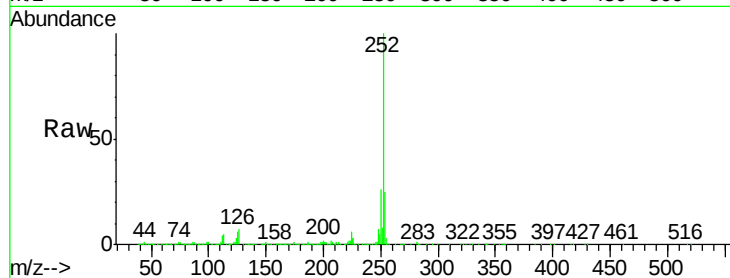
252 100

253 24.9 18.7 28.1

125 6.2 5.3 7.9

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#88

Benzo(k)fluoranthene

Concen: 42.63 ng

RT: 24.33 min Scan# 3658

Delta R.T. -0.01 min

Lab File: BG024504.D

Acq: 25 Oct 2016 19:30

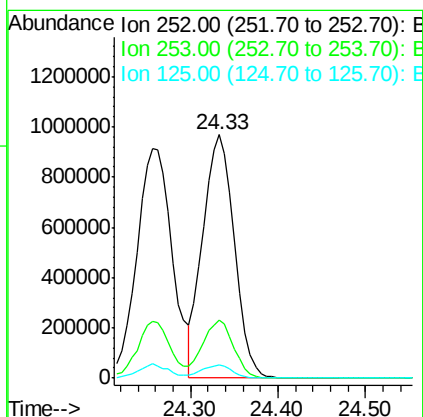
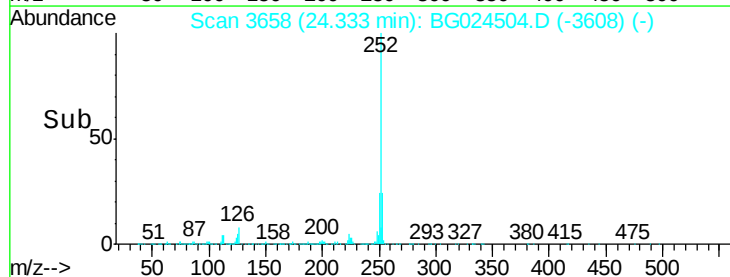
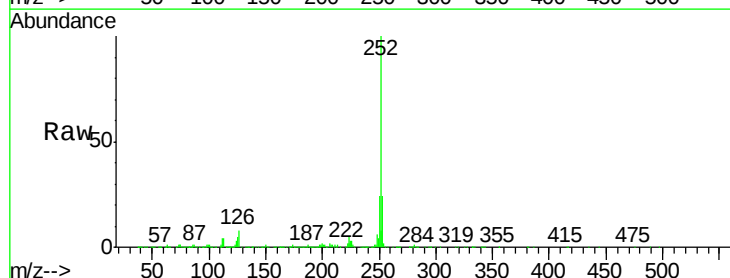
Tgt Ion:252 Resp: 2422836

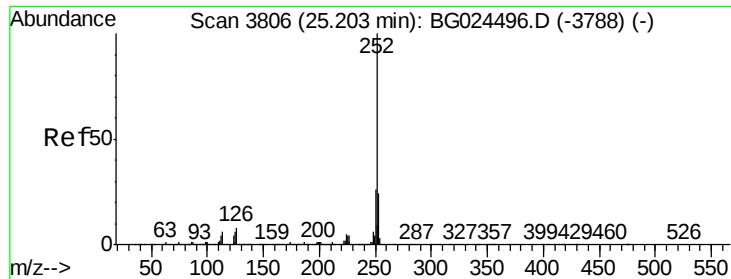
Ion Ratio Lower Upper

252 100

253 23.7 20.2 30.2

125 5.4 5.1 7.7





#89

Benzo(a)pyrene

Concen: 43.38 ng

RT: 25.20 min Scan# 3805

Delta R.T. -0.01 min

Lab File: BG024504.D

Acq: 25 Oct 2016 19:30

Instrument :

BNA_G

ClientSampleId :

PB94296BS

Tot Ion:252 Resp: 2494404

Ion Ratio Lower Upper

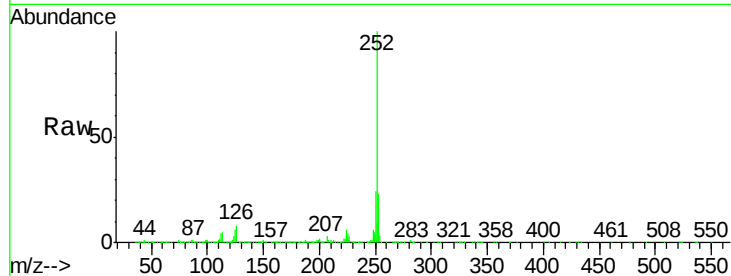
252 100

253 23.1 19.2 28.8

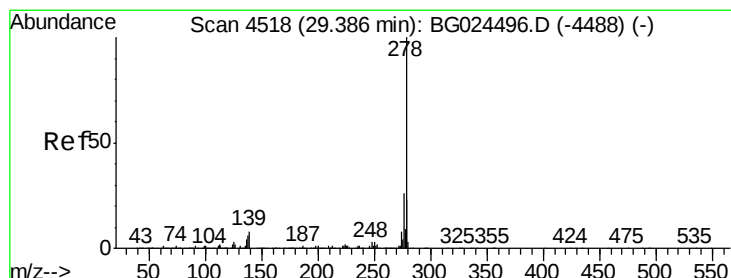
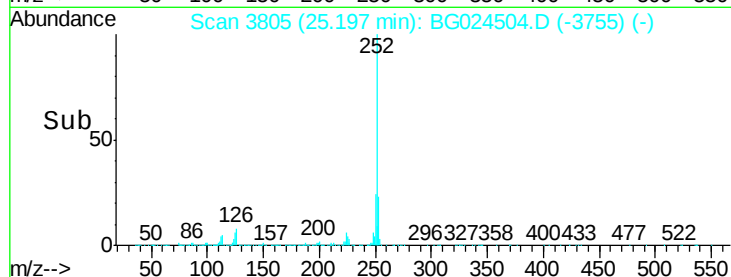
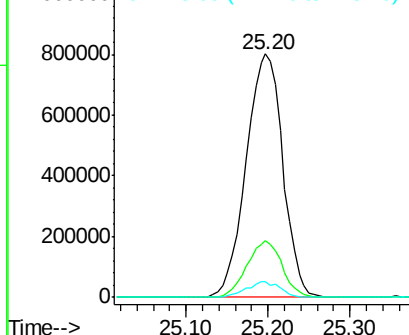
125 6.3 5.4 8.0

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



#90

Dibenzo(a,h)anthracene

Concen: 42.03 ng

RT: 29.37 min Scan# 4515

Delta R.T. -0.02 min

Lab File: BG024504.D

Acq: 25 Oct 2016 19:30

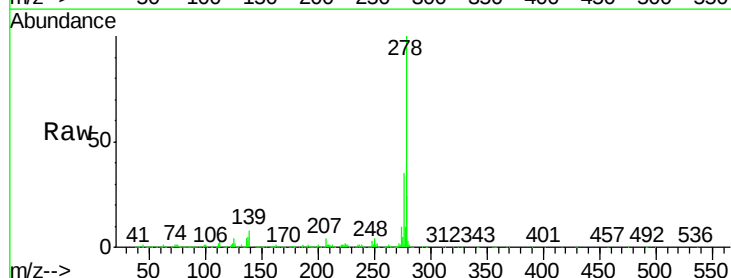
Tgt Ion:278 Resp: 2652761

Ion Ratio Lower Upper

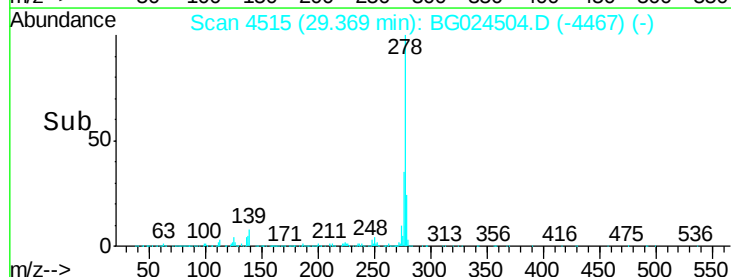
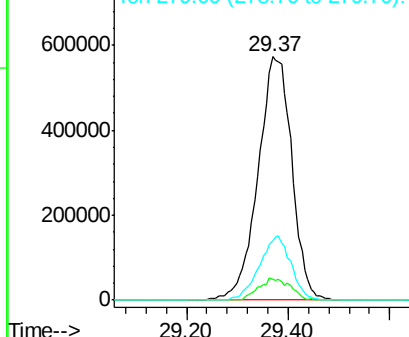
278 100

139 8.5 7.7 11.5

279 24.2 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 41.36 ng
 RT: 30.56 min Scan# 4717
 Delta R.T. -0.01 min
 Lab File: BG024504.D
 Acq: 25 Oct 2016 19:30

Instrument :
 BNA_G
 ClientSampleId :
 PB94296BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.6	27.8
138	11.0	8.1	12.1

Manual Integrations
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