

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110116\
 Data File : BG024596.D
 Acq On : 1 Nov 2016 17:14
 Operator : UM/SJ
 Sample : PB94460BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB94460BS

Manual Integrations
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 11/2/2016 5:43:51 PM

Quant Time: Nov 02 03:55:18 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 11:14:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	125736	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	499335	20.00	ng	0.00
38) Acenaphthene-d10	14.89	164	373923	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	813783	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1050633	20.00	ng	0.00
86) Perylene-d12	25.35	264	1135145	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.80	112	1002272	130.65	ng	0.00
7) Phenol-d6	7.41	99	1389639	132.05	ng	0.00
23) Nitrobenzene-d5	9.44	82	953101	86.90	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	738713	132.24	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1931516	85.86	ng	0.00
78) Terphenyl-d14	20.21	244	3060416	87.04	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.66	88	113611	36.25	ng	93
3) Pyridine	4.07	79	364091	38.80	ng	# 84
4) n-Nitrosodimethylamine	3.99	42	194064	39.95	ng	# 76
6) Aniline	7.59	93	371778	27.89	ng	98
8) 2-Chlorophenol	7.83	128	364376	46.72	ng	96
9) Benzaldehyde	7.40	77	67005	10.30	ng	95
10) Phenol	7.44	94	535592	49.37	ng	92
11) bis(2-Chloroethyl)ether	7.68	93	372742	45.74	ng	92
12) 1,3-Dichlorobenzene	8.16	146	416234	43.11	ng	95
13) 1,4-Dichlorobenzene	8.31	146	429236	45.01	ng	99
14) 1,2-Dichlorobenzene	8.63	146	398797	43.49	ng	95
15) Benzyl Alcohol	8.50	79	441354	45.09	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.80	45	614165	40.62	ng	92
17) 2-Methylphenol	8.70	107	344110	47.87	ng	96
18) Hexachloroethane	9.36	117	164961	44.99	ng	97
19) n-Nitroso-di-n-propylamine	9.07	70	346648	44.70	ng	88
20) 3+4-Methylphenols	9.02	107	466020	48.29	ng	96
22) Acetophenone	9.10	105	579642	45.19	ng	# 90
24) Nitrobenzene	9.49	77	534546	43.81	ng	98
25) Isophorone	10.00	82	927582	45.47	ng	99
26) 2-Nitrophenol	10.20	139	208504	46.04	ng	95
27) 2,4-Dimethylphenol	10.24	122	392326	49.49	ng	95
28) bis(2-Chloroethoxy)methane	10.48	93	500861	47.45	ng	97
29) 2,4-Dichlorophenol	10.73	162	410922	49.38	ng	98
30) 1,2,4-Trichlorobenzene	10.95	180	443315	44.91	ng	98
31) Naphthalene	11.15	128	1094350	43.94	ng	99
32) Benzoic acid	10.36	122	192189	29.11	ng	89
33) 4-Chloroaniline	11.25	127	193152	17.86	ng	# 88
34) Hexachlorobutadiene	11.42	225	344875	44.64	ng	97
35) Caprolactam	12.02	113	135814m	44.58	ng	
36) 4-Chloro-3-methylphenol	12.34	107	456955	45.49	ng	97
37) 2-Methylnaphthalene	12.73	142	804517	44.27	ng	98
39) 1,2,4,5-Tetrachlorobenzene	13.09	216	564015	44.72	ng	98
40) Hexachlorocyclopentadiene	13.06	237	773827	108.96	ng	93

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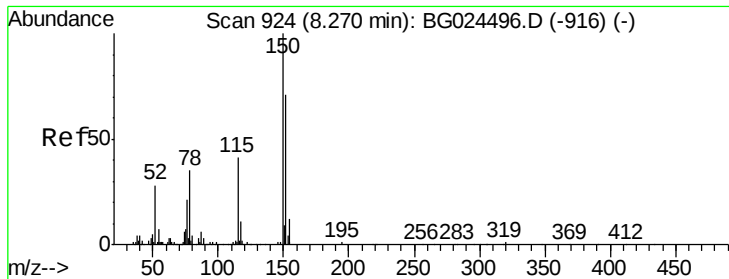
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 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.32	196	358419	47.28	nq	100
43) 2,4,5-Trichlorophenol	13.40	196	382452	46.66	nq	96
45) 1,1'-Biphenyl	13.72	154	1105786	42.62	nq	97
46) 2-Chloronaphthalene	13.77	162	900975	45.60	nq	98
47) 2-Nitroaniline	13.97	65	357979	44.25	nq	95
48) Acenaphthylene	14.61	152	1330722	43.92	nq	98
49) Dimethylphthalate	14.32	163	1176539	44.32	nq	98
50) 2,6-Dinitrotoluene	14.45	165	271865	47.97	nq	87
51) Acenaphthene	14.95	154	891400	39.46	nq	99
52) 3-Nitroaniline	14.79	138	147701	25.19	nq	86
53) 2,4-Dinitrophenol	14.99	184	289371	70.46	nq	94
54) Dibenzofuran	15.28	168	1415007	45.31	nq	99
55) 4-Nitrophenol	15.08	139	446862	87.46	nq	# 80
56) 2,4-Dinitrotoluene	15.24	165	398405	48.38	nq	# 87
57) Fluorene	15.93	166	1142703	44.13	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.50	232	401824	47.29	nq	# 92
59) Diethylphthalate	15.68	149	1193818	42.90	nq	97
60) 4-Chlorophenyl-phenylether	15.91	204	654352	45.03	nq	99
61) 4-Nitroaniline	15.95	138	257356	40.17	nq	96
62) Azobenzene	16.20	77	1252892	45.14	nq	95
64) 4,6-Dinitro-2-methylphenol	15.99	198	238933	42.62	nq	91
65) n-Nitrosodiphenylamine	16.13	169	1059440	47.62	nq	99
66) 4-Bromophenyl-phenylether	16.80	248	461203	46.69	nq	91
67) Hexachlorobenzene	16.92	284	520856	47.72	nq	# 89
68) Atrazine	17.06	200	466519	48.89	nq	97
69) Pentachlorophenol	17.27	266	621036	86.22	nq	98
70) Phenanthrene	17.67	178	1873849	45.18	nq	99
71) Anthracene	17.76	178	1940492	46.37	nq	99
72) Carbazole	18.03	167	1718672	45.03	nq	98
73) Di-n-butylphthalate	18.55	149	1948917	44.29	nq	98
74) Fluoranthene	19.66	202	2354071	44.89	nq	99
76) Benzidine	19.84	184	1039344	41.99	nq	97
77) Pyrene	20.02	202	2355803	45.87	nq	98
79) Butylbenzylphthalate	20.88	149	1014376	47.37	nq	98
80) Benzo(a)anthracene	21.90	228	2640406	45.75	nq	100
81) 3,3'-Dichlorobenzidine	21.81	252	660503	28.37	nq	97
82) Chrysene	21.97	228	2475103	45.03	nq	98
83) Bis(2-ethylhexyl)phthalate	21.76	149	1396528	45.59	nq	# 99
84) Di-n-octyl phthalate	23.04	149	2422153	47.65	nq	# 93
85) Indeno(1,2,3-cd)pyrene	29.30	276	3505692	46.20	nq	99
87) Benzo(b)fluoranthene	24.25	252	2805202	45.72	nq	98
88) Benzo(k)fluoranthene	24.32	252	2699153	45.55	nq	98
89) Benzo(a)pyrene	25.19	252	2756836	45.98	nq	98
90) Dibenzo(a,h)anthracene	29.36	278	2923281	44.42	nq	98
91) Benzo(g,h,i)perylene	30.54	276	2918090	44.39	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.27 min Scan# 924

Delta R.T. -0.00 min

Lab File: BG024596.D

Acq: 1 Nov 2016 17:14

Instrument :

BNA_G

ClientSampleId :

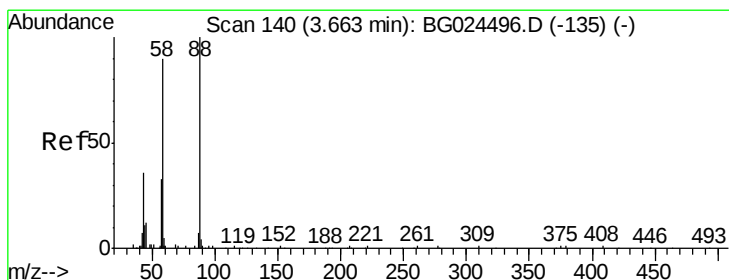
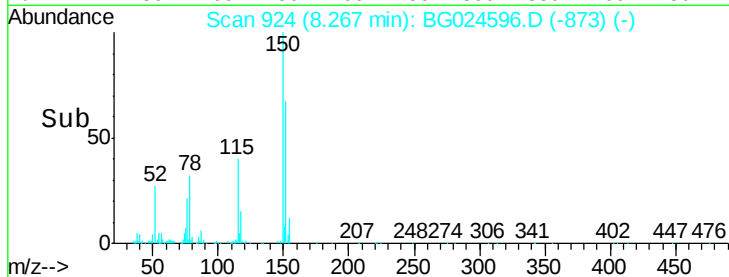
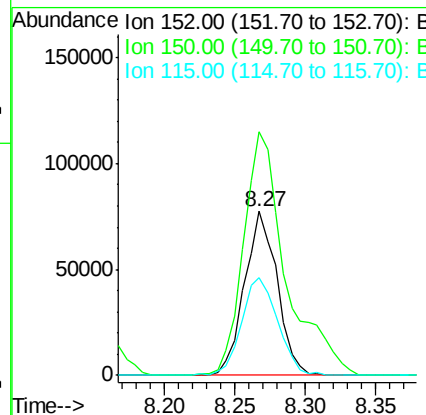
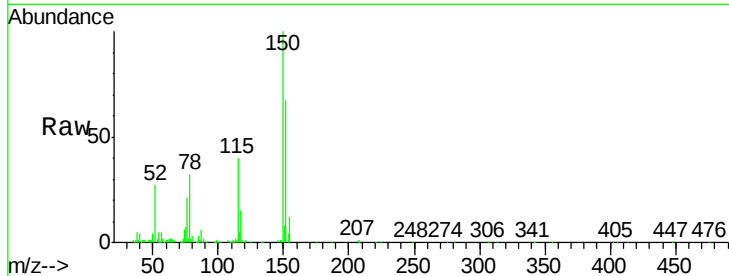
PB94460BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.7	114.0	171.0
115	59.3	48.1	72.1

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#2

1,4-Dioxane

Concen: 36.25 ng

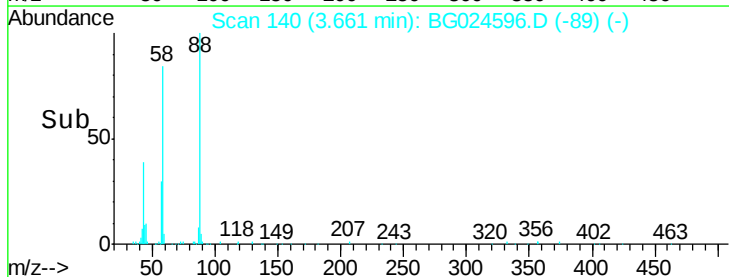
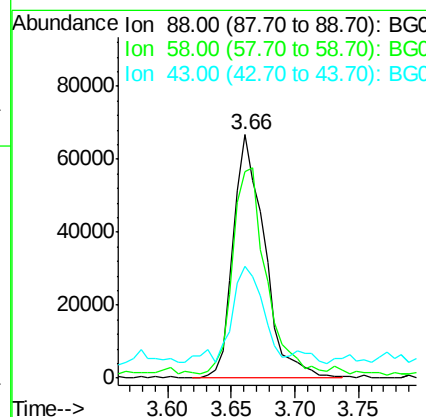
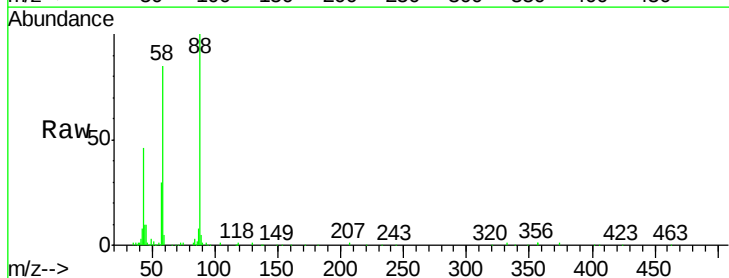
RT: 3.66 min Scan# 140

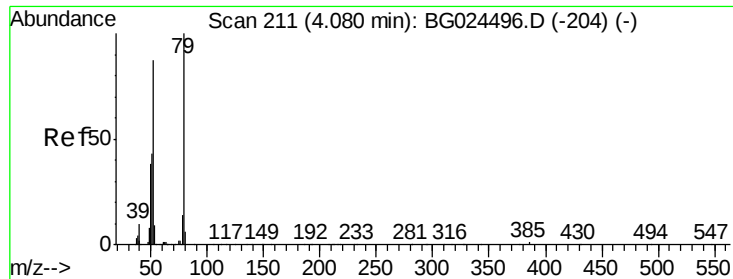
Delta R.T. -0.00 min

Lab File: BG024596.D

Acq: 1 Nov 2016 17:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	89.7	79.4	119.2
43	43.6	33.8	50.6





#3

Pvridine

Concen: 38.80 ng

RT: 4.07 min Scan# 210

Delta R.T. -0.01 min

Lab File: BG024596.D

Acq: 1 Nov 2016 17:14

Instrument :

BNA_G

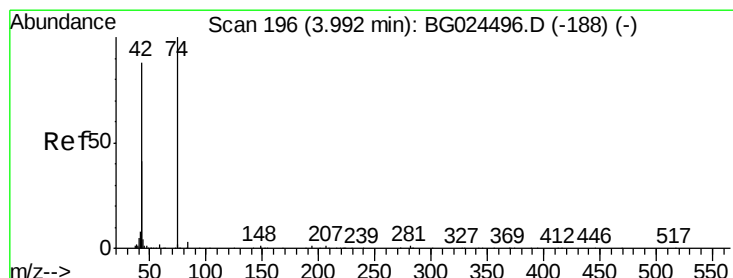
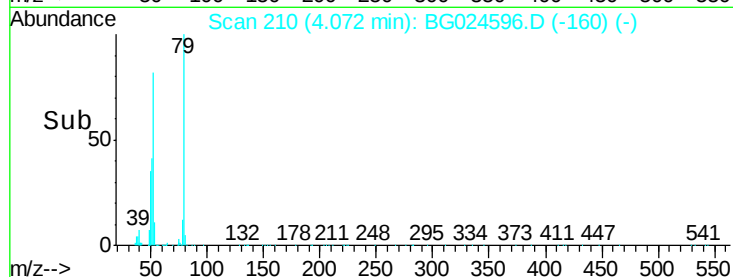
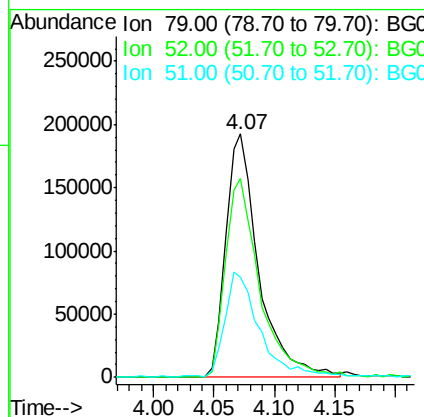
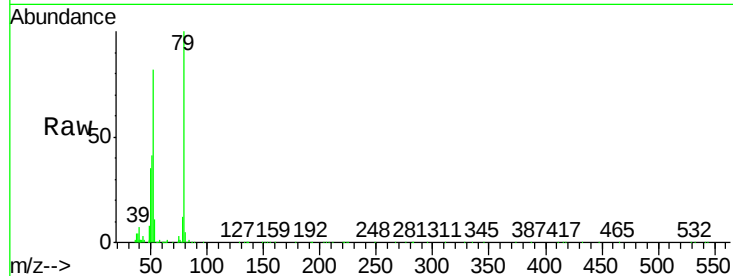
ClientSampleId :

PB94460BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	81.7	77.8	116.6
51	41.3	43.2	64.8

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#4

n-Nitrosodimethylamine

Concen: 39.95 ng

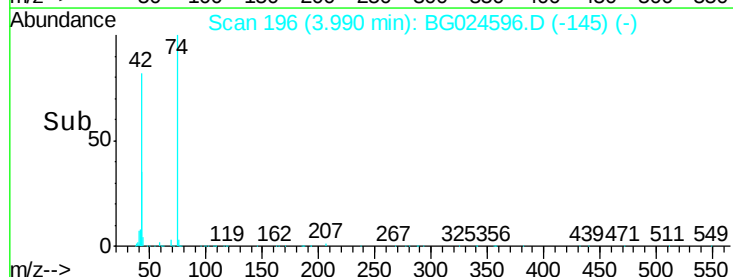
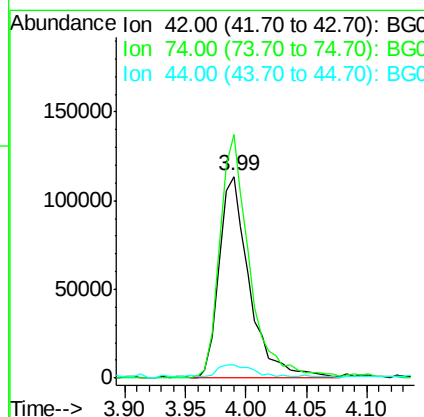
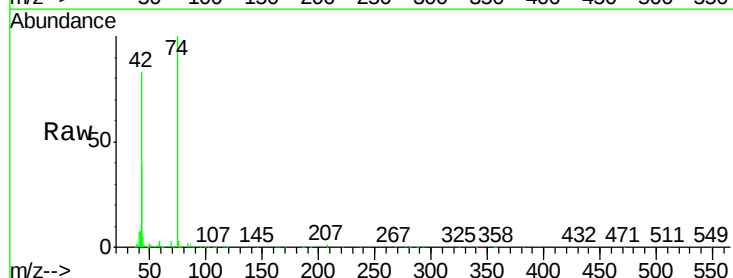
RT: 3.99 min Scan# 196

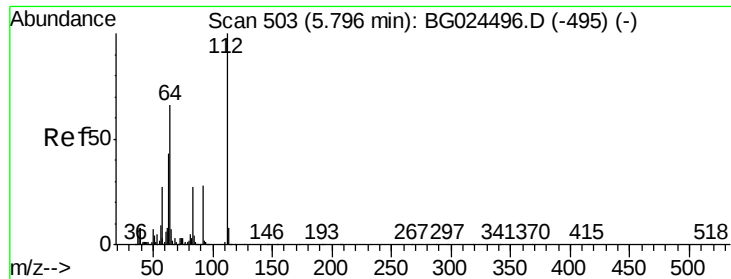
Delta R.T. -0.00 min

Lab File: BG024596.D

Acq: 1 Nov 2016 17:14

Tgt Ion	Ratio	Lower	Upper
42	100		
74	120.6	76.7	115.1
44	6.6	6.1	9.1





#5

2-Fluorophenol

Concen: 130.65 ng

RT: 5.80 min Scan# 504

Delta R.T. 0.00 min

Lab File: BG024596.D

Acq: 1 Nov 2016 17:14

Instrument :

BNA_G

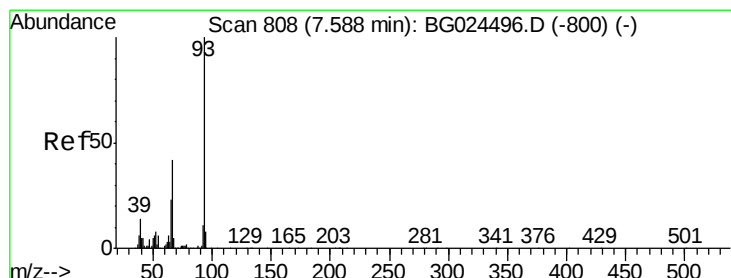
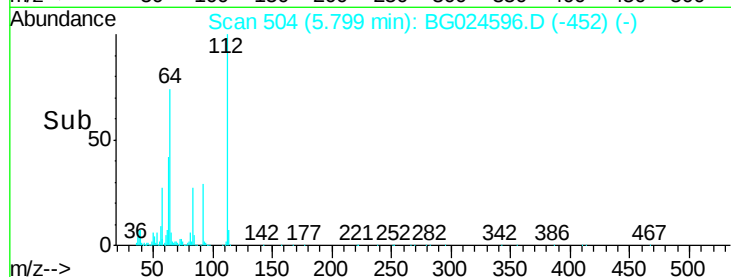
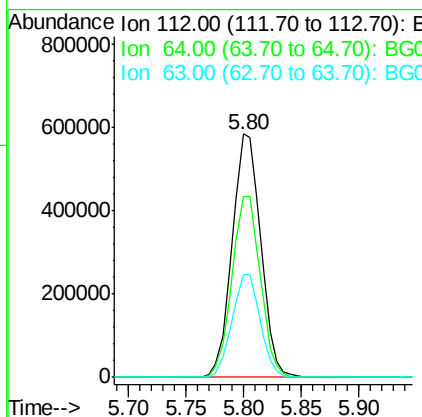
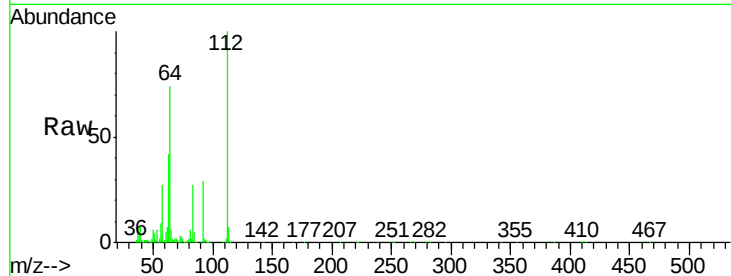
ClientSampleId :

PB94460BS

Tot Ion:	112	Resp:	1002272
Ion Ratio	Lower	Upper	
112	100		
64	74.1	61.8	92.6
63	42.1	37.2	55.8

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#6

Aniline

Concen: 27.89 ng

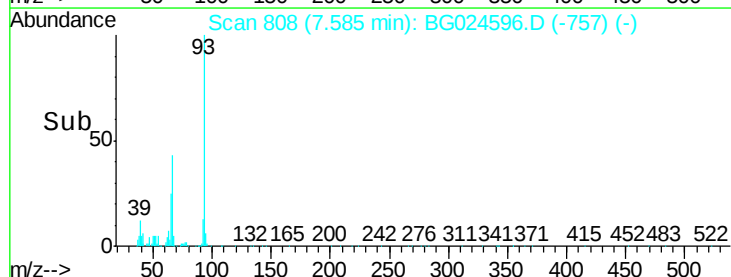
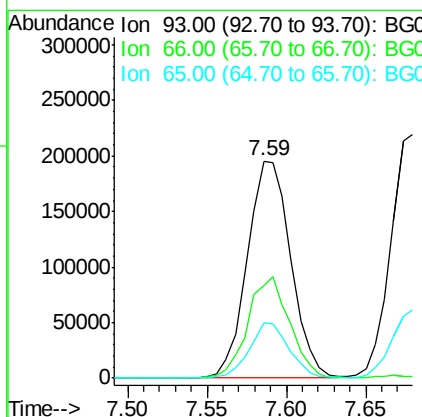
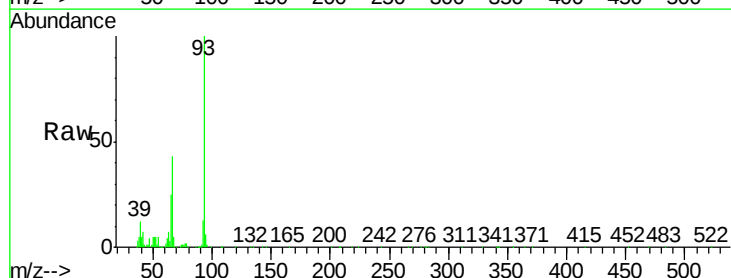
RT: 7.59 min Scan# 808

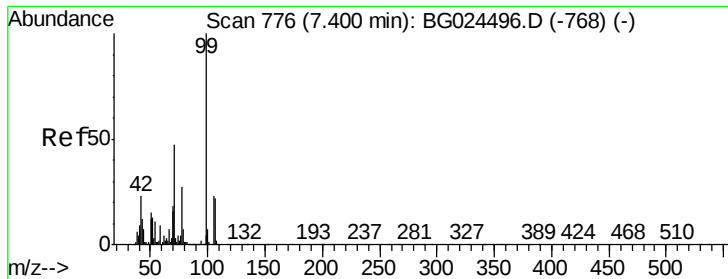
Delta R.T. -0.00 min

Lab File: BG024596.D

Acq: 1 Nov 2016 17:14

Tgt Ion:	93	Resp:	371778
Ion Ratio	Lower	Upper	
93	100		
66	42.8	35.4	53.2
65	25.3	21.2	31.8





#7

Phenol-d6

Concen: 132.05 ng

RT: 7.41 min Scan# 778

Delta R.T. 0.01 min

Lab File: BG024596.D

Acq: 1 Nov 2016 17:14

Instrument :

BNA_G

ClientSampleId :

PB94460BS

Tot Ion: 99 Resp: 1389639

Ion Ratio Lower Upper

99 100

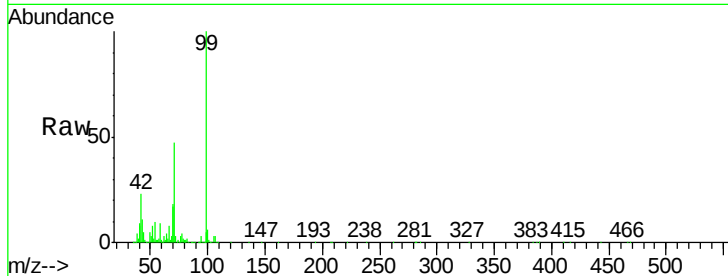
42 22.9 20.5 30.7

71 47.4 37.6 56.4

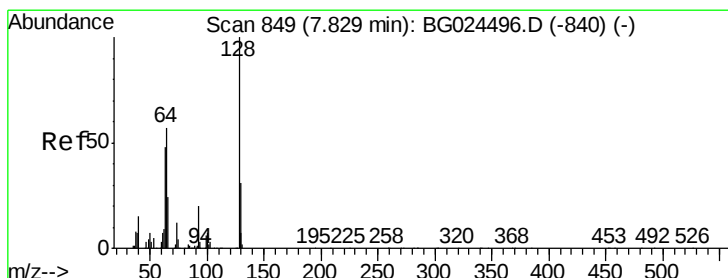
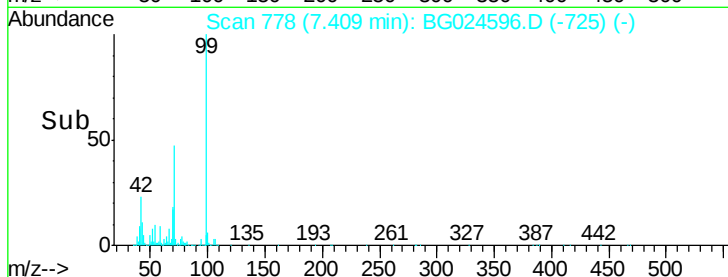
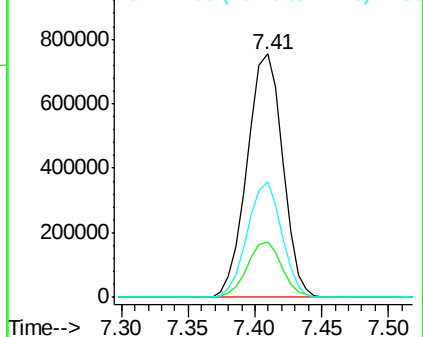
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 46.72 ng

RT: 7.83 min Scan# 849

Delta R.T. -0.00 min

Lab File: BG024596.D

Acq: 1 Nov 2016 17:14

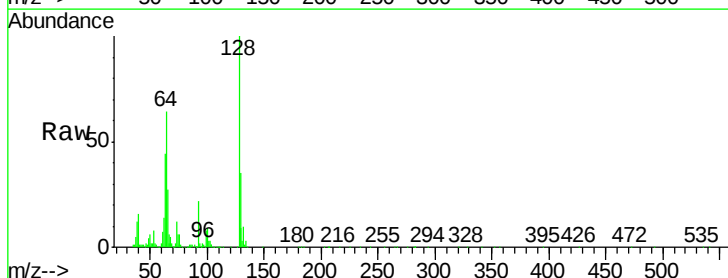
Tgt Ion: 128 Resp: 364376

Ion Ratio Lower Upper

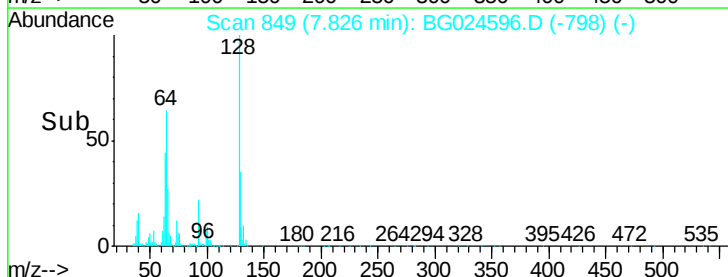
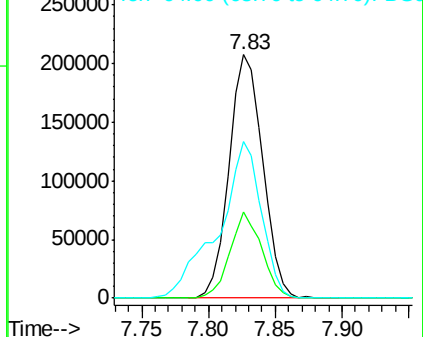
128 100

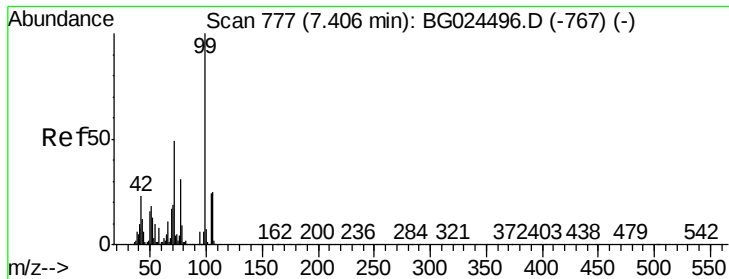
130 35.4 11.4 51.4

64 64.2 46.6 86.6



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 10.30 ng

RT: 7.40 min Scan# 777

Delta R.T. -0.00 min

Lab File: BG024596.D

Acq: 1 Nov 2016 17:14

Instrument :

BNA_G

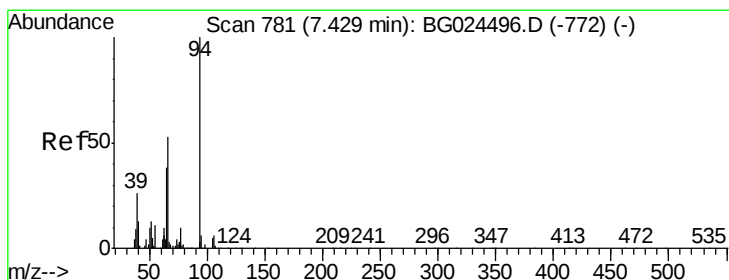
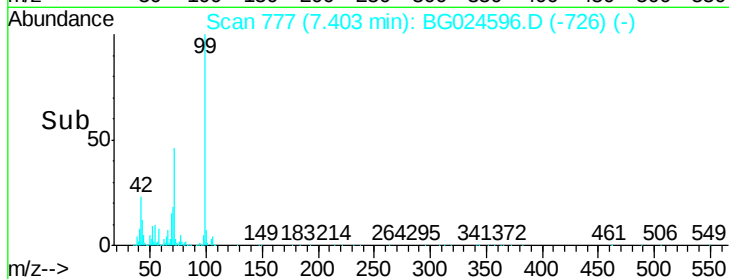
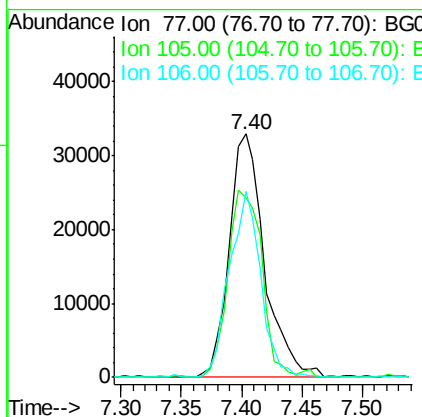
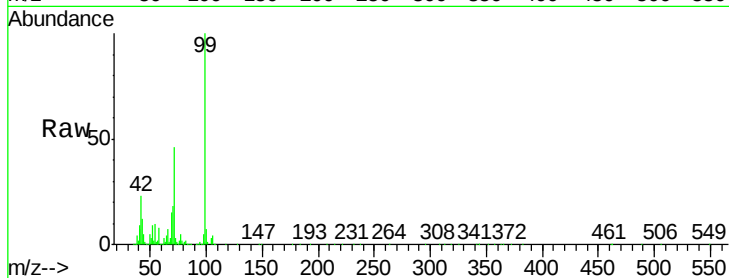
ClientSampleId :

PB94460BS

Tot Ion:	77	Resp:	67005
Ion Ratio	Lower	Upper	
77	100		
105	73.8	60.9	100.9
106	76.6	55.1	95.1

Manual Integrations
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#10

Phenol

Concen: 49.37 ng

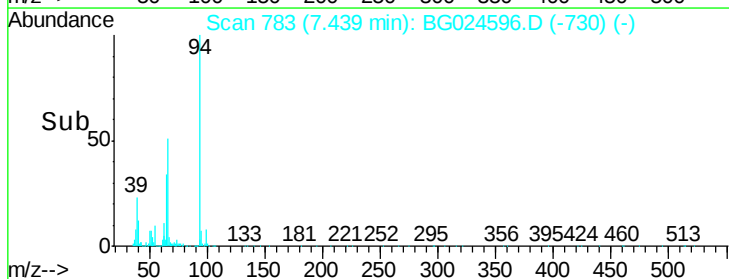
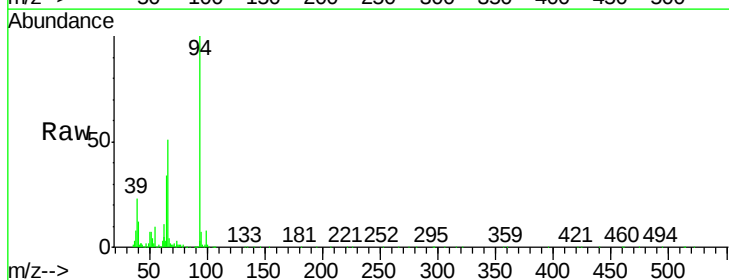
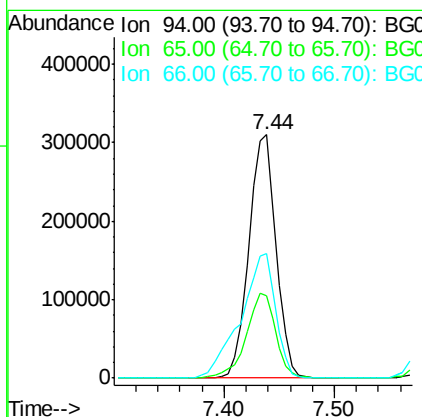
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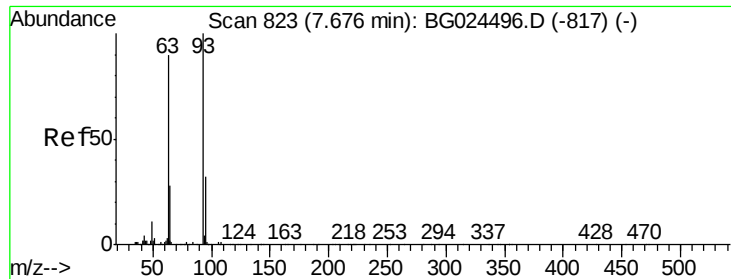
Delta R.T. 0.01 min

Lab File: BG024596.D

Acq: 1 Nov 2016 17:14

Tgt Ion:	94	Resp:	535592
Ion Ratio	Lower	Upper	
94	100		
65	33.8	20.6	60.6
66	51.0	35.5	75.5





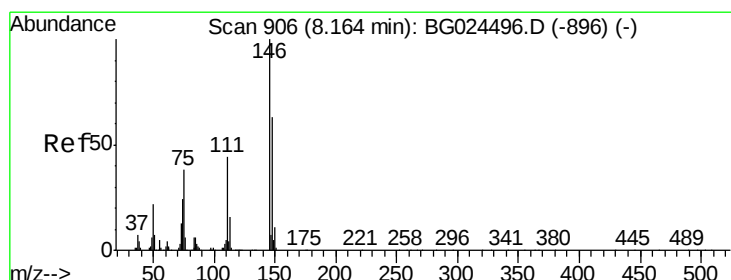
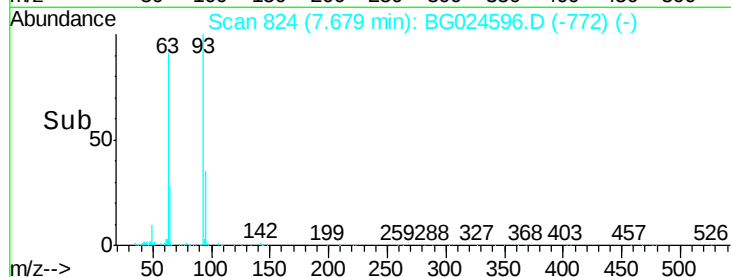
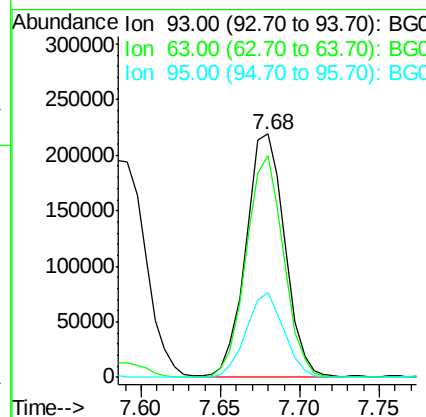
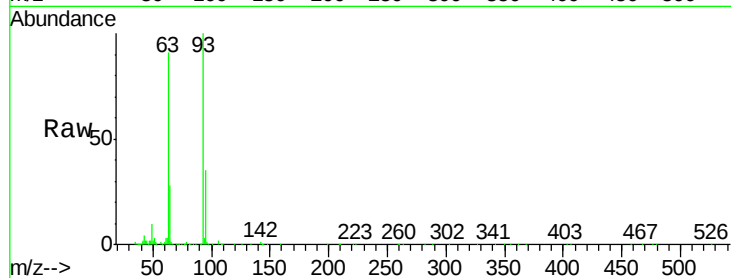
#11
bis(2-Chloroethyl)ether
Concen: 45.74 ng
RT: 7.68 min Scan# 824
Delta R.T. 0.00 min
Lab File: BG024596.D
Acq: 1 Nov 2016 17:14

Instrument :
BNA_G
ClientSampleId :
PB94460BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	91.3	78.5	118.5
95	34.7	9.8	49.8

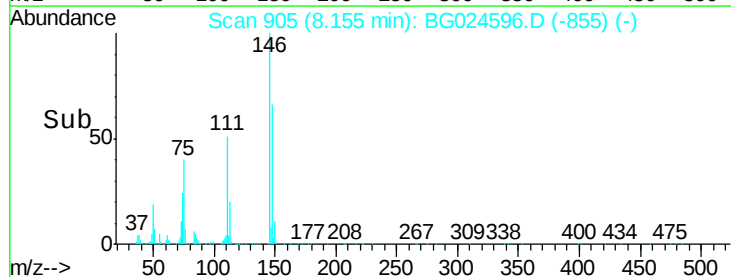
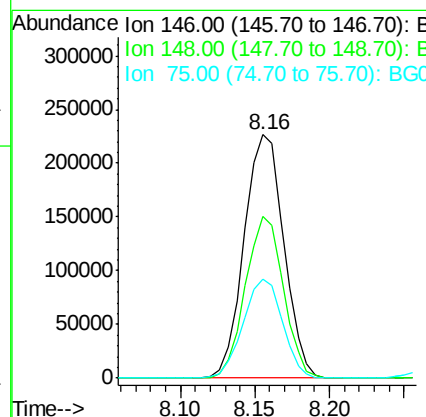
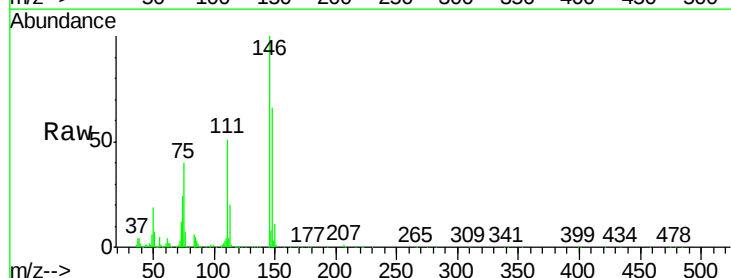
Manual Integrations
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#12
1,3-Dichlorobenzene
Concen: 43.11 ng
RT: 8.16 min Scan# 905
Delta R.T. -0.01 min
Lab File: BG024596.D
Acq: 1 Nov 2016 17:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.3	49.2	73.8
75	40.5	33.4	50.2





#13

1,4-Dichlorobenzene

Concen: 45.01 ng

RT: 8.31 min Scan# 931

Delta R.T. -0.00 min

Lab File: BG024596.D

Acq: 1 Nov 2016 17:14

Instrument :

BNA_G

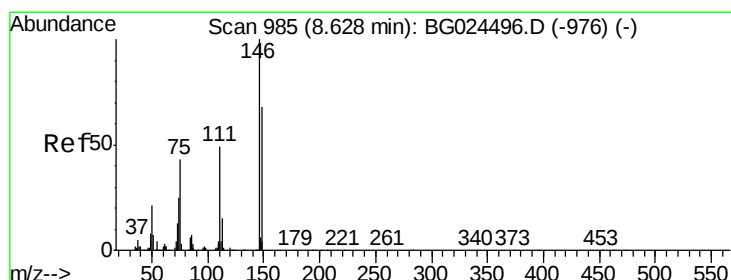
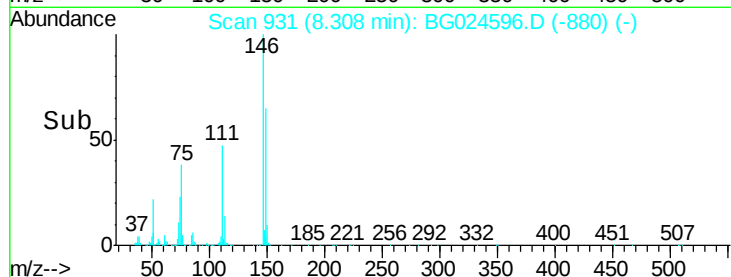
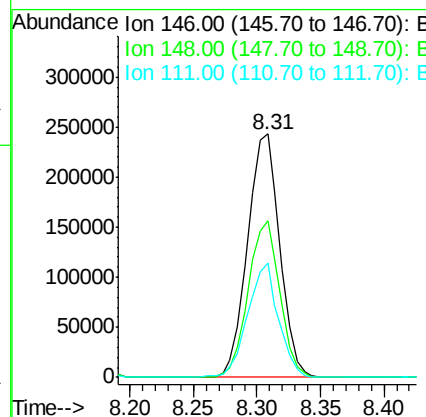
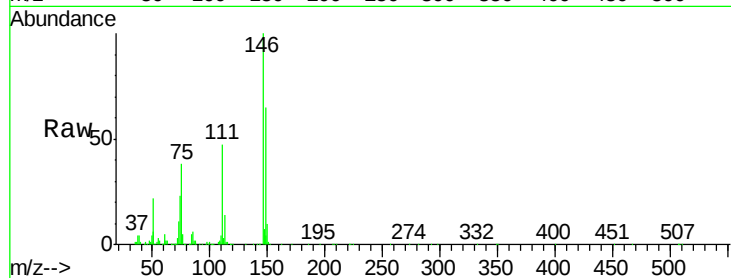
ClientSampleId :

PB94460BS

Tot Ion:	146	Resp:	429236
Ion Ratio	Lower	Upper	
146	100		
148	64.5	52.2	78.2
111	46.8	37.0	55.6

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#14

1,2-Dichlorobenzene

Concen: 43.49 ng

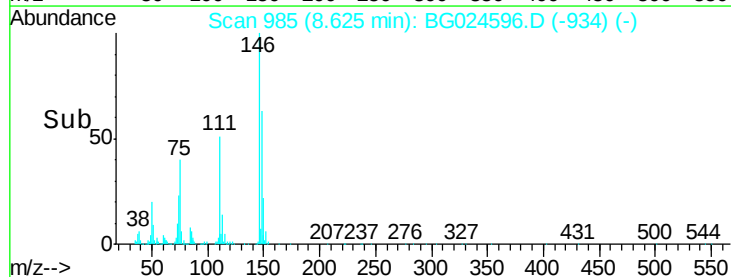
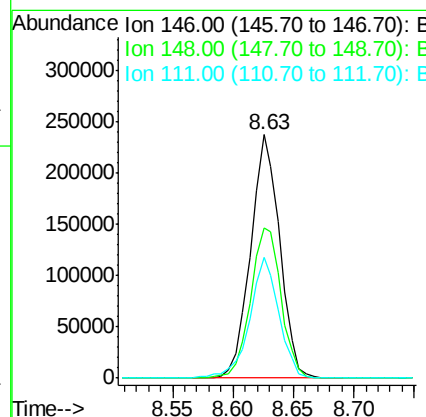
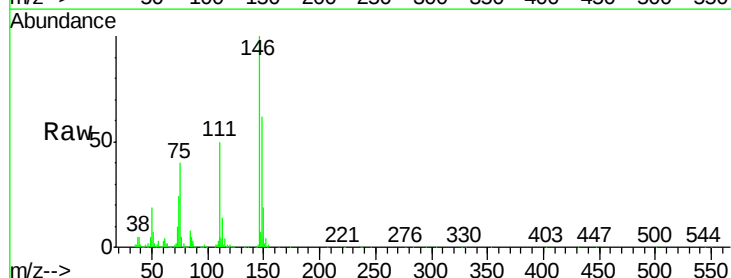
RT: 8.63 min Scan# 985

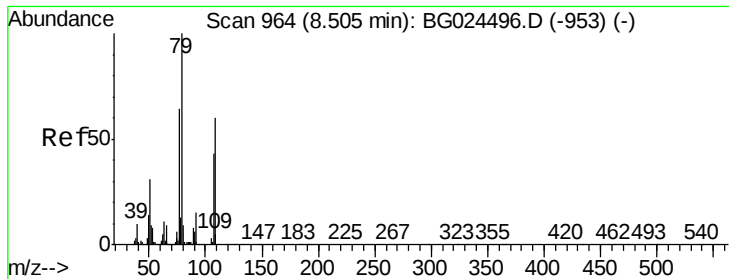
Delta R.T. -0.00 min

Lab File: BG024596.D

Acq: 1 Nov 2016 17:14

Tgt Ion:	146	Resp:	398797
Ion Ratio	Lower	Upper	
146	100		
148	61.9	54.6	81.8
111	49.8	39.7	59.5





#15

Benzyl Alcohol

Concen: 45.09 ng

RT: 8.50 min Scan# 964

Delta R.T. -0.00 min

Lab File: BG024596.D

Acq: 1 Nov 2016 17:14

Instrument :

BNA_G

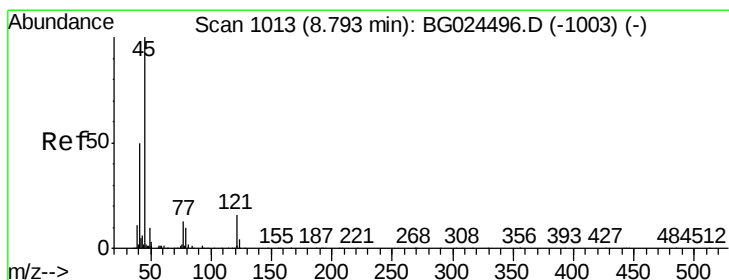
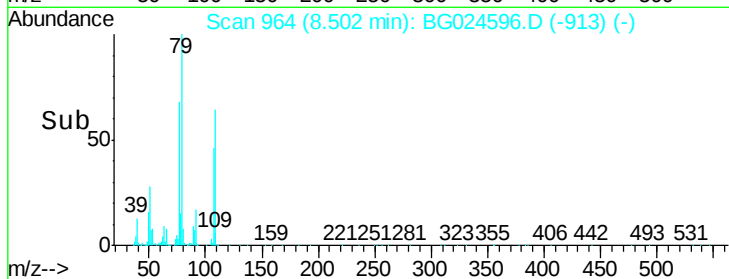
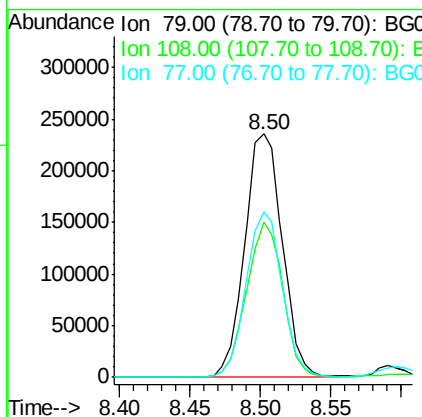
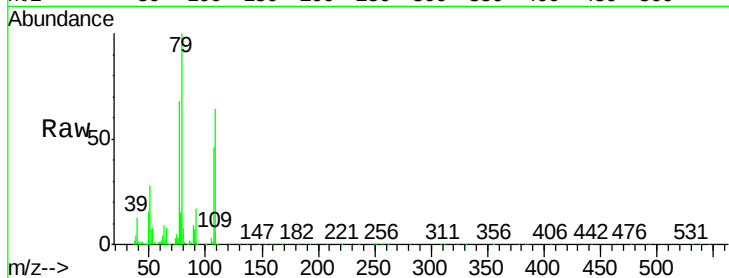
ClientSampleId :

PB94460BS

Tot Ion:	79	Resp:	441354
Ion Ratio	Lower	Upper	
79	100		
108	63.5	45.5	68.3
77	68.2	54.3	81.5

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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.62 ng

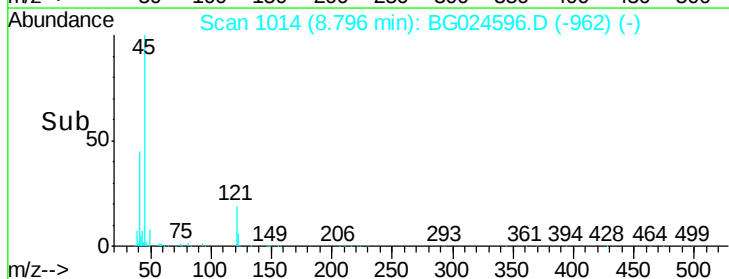
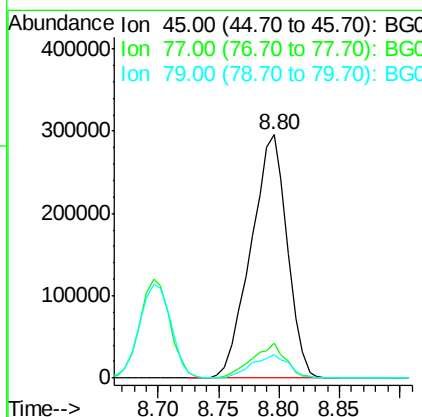
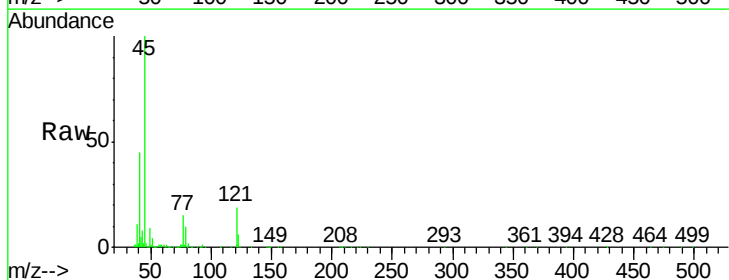
RT: 8.80 min Scan# 1014

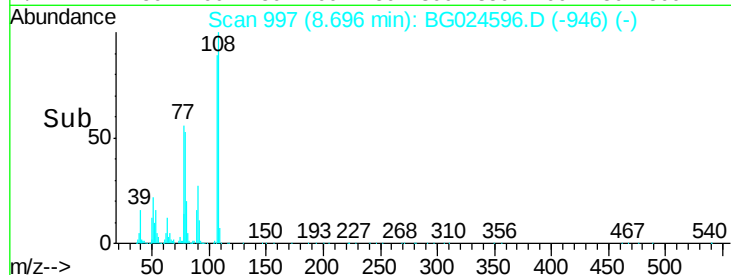
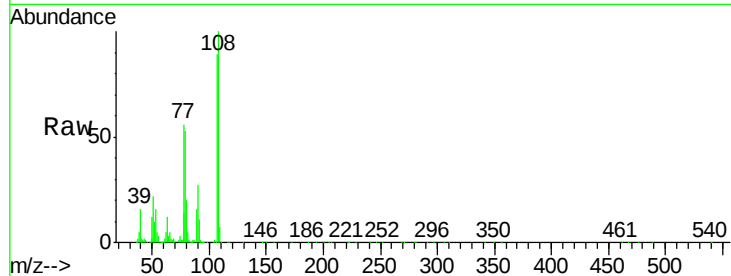
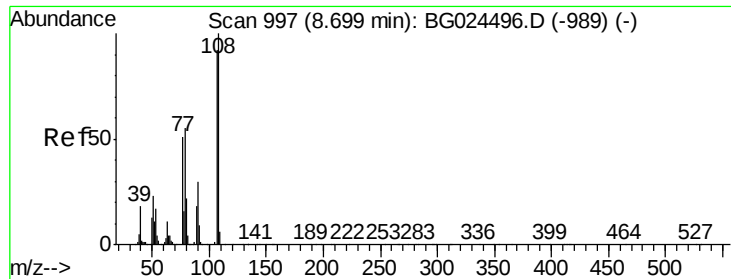
Delta R.T. 0.00 min

Lab File: BG024596.D

Acq: 1 Nov 2016 17:14

Tgt Ion:	45	Resp:	614165
Ion Ratio	Lower	Upper	
45	100		
77	14.6	0.0	30.6
79	9.9	0.0	28.5





#17

2-Methylphenol

Concen: 47.87 ng

RT: 8.70 min Scan# 997

Delta R.T. -0.00 min

Lab File: BG024596.D

Acq: 1 Nov 2016 17:14

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.1	85.6	128.4	
77	62.3	51.4	77.2	
79	59.4	49.2	73.8	

Instrument :

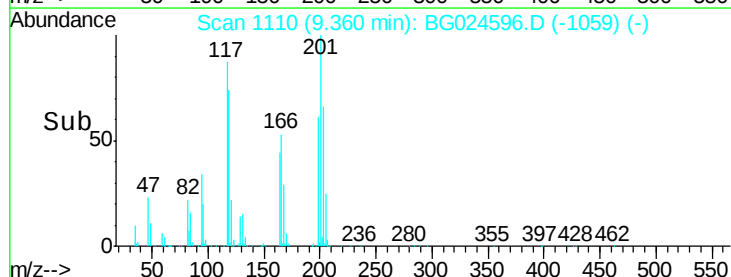
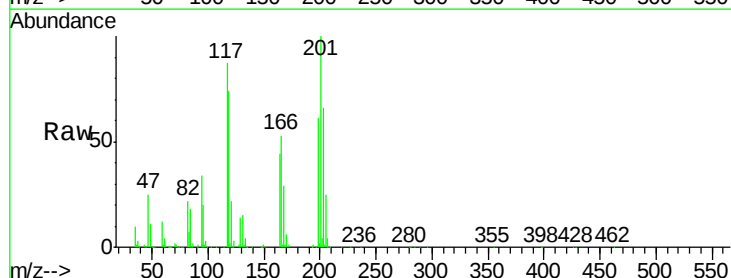
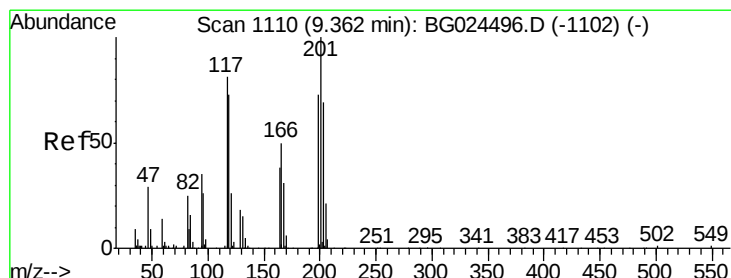
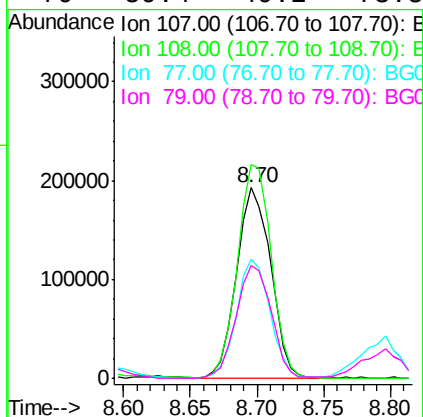
BNA_G

ClientSampleId :

PB94460BS

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#18

Hexachloroethane

Concen: 44.99 ng

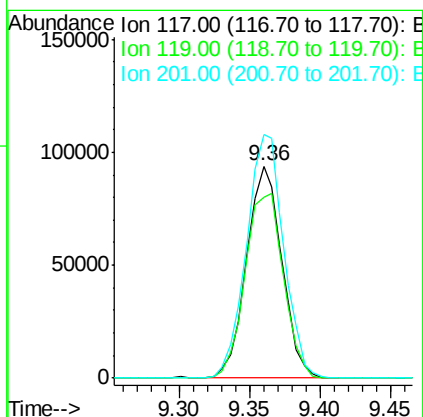
RT: 9.36 min Scan# 1110

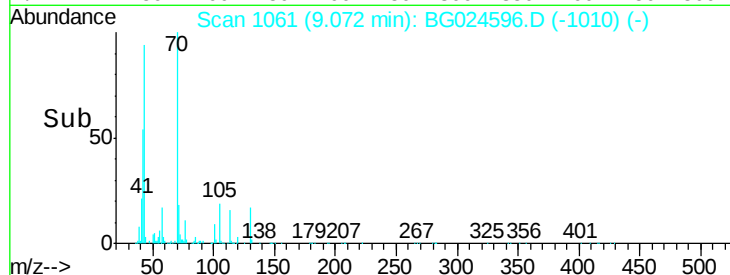
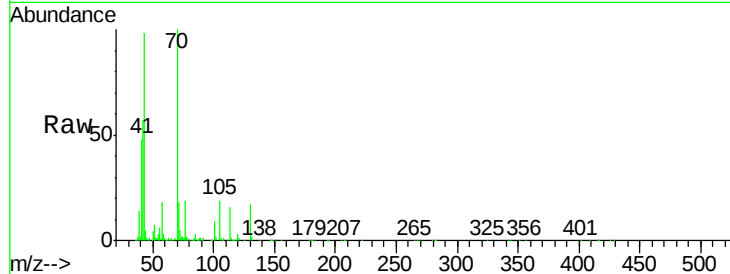
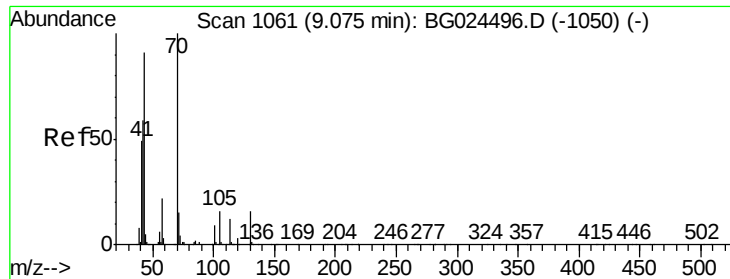
Delta R.T. -0.00 min

Lab File: BG024596.D

Acq: 1 Nov 2016 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	85.3	69.8	104.6	
201	115.0	95.4	143.0	





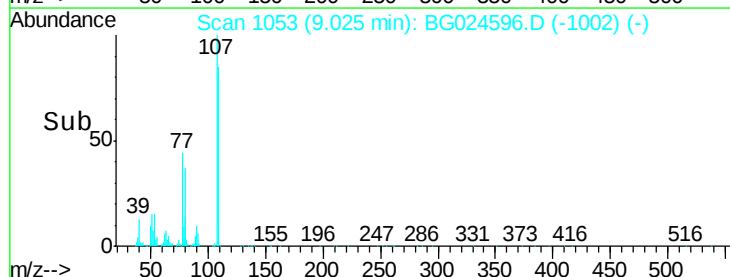
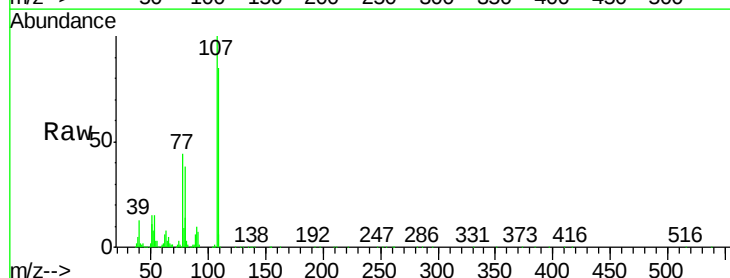
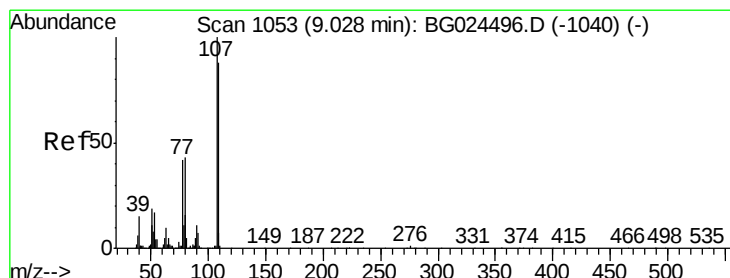
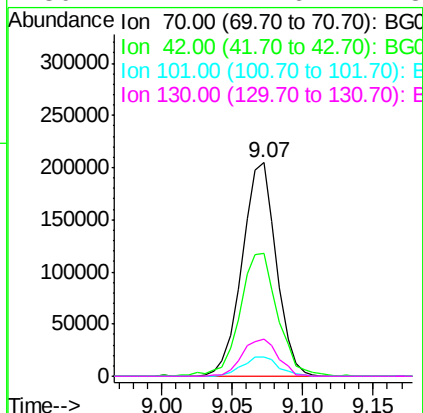
#19
n-Nitroso-di-n-propylamine
Concen: 44.70 ng
RT: 9.07 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BG024596.D
Acq: 1 Nov 2016 17:14

Instrument :
BNA_G
ClientSampleId :
PB94460BS

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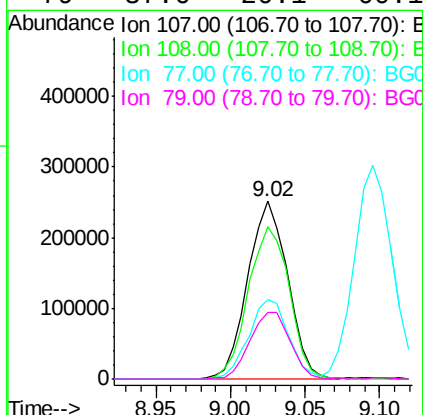
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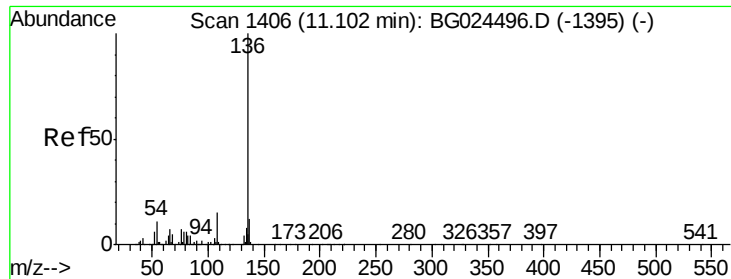
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.3	56.1	84.1	
101	9.0	7.5	11.3	
130	17.2	14.6	21.8	



#20
3+4-Methylphenols
Concen: 48.29 ng
RT: 9.02 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BG024596.D
Acq: 1 Nov 2016 17:14

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	85.4	70.8	110.8	
77	44.4	25.8	65.8	
79	37.6	20.1	60.1	





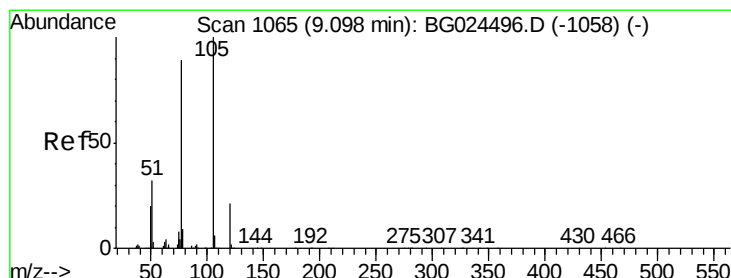
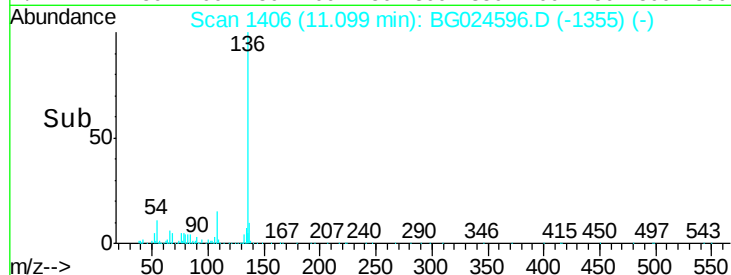
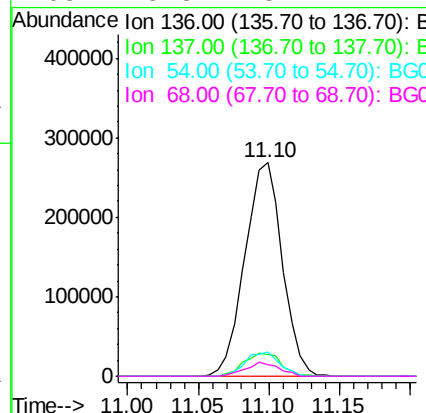
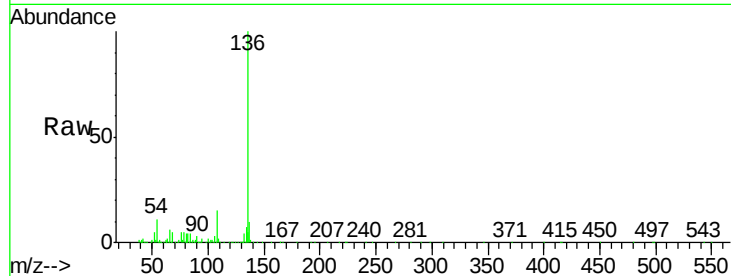
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.10 min Scan# 1406
Delta R.T. -0.00 min
Lab File: BG024596.D
Acq: 1 Nov 2016 17:14

Instrument :
BNA_G
ClientSampleId :
PB94460BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		499335		
137	10.0		8.9	13.3	
54	11.2		9.3	13.9	
68	5.3		5.1	7.7	

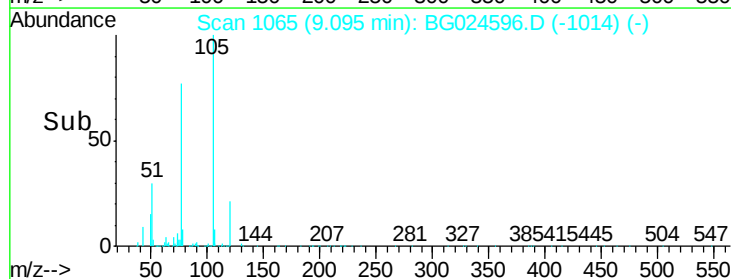
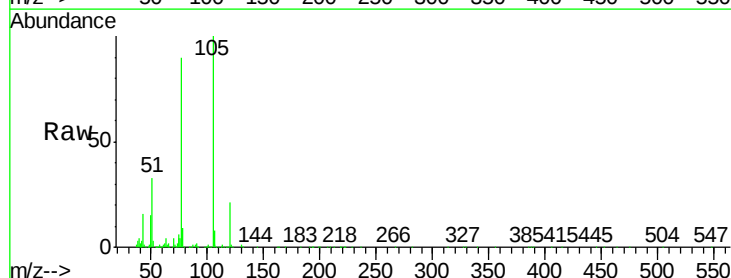
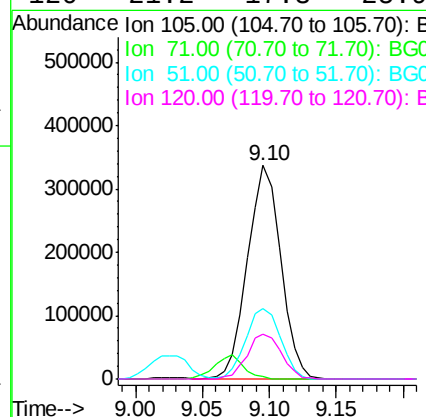
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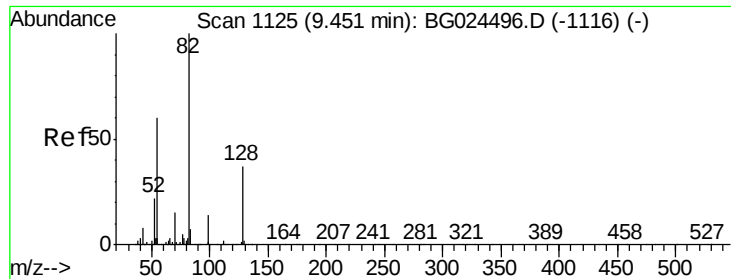
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#22
Acetophenone
Concen: 45.19 ng
RT: 9.10 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BG024596.D
Acq: 1 Nov 2016 17:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		579642		
71	1.1		0.9	1.3	
51	32.8		34.0	51.0#	
120	21.2		17.3	25.9	





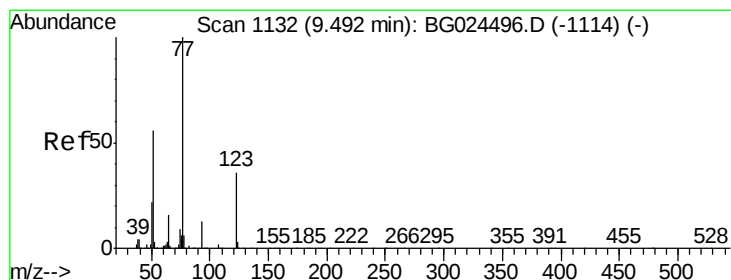
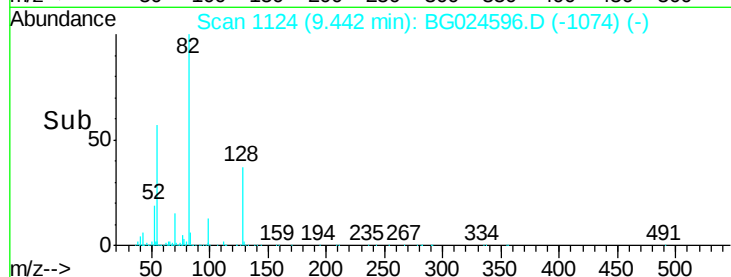
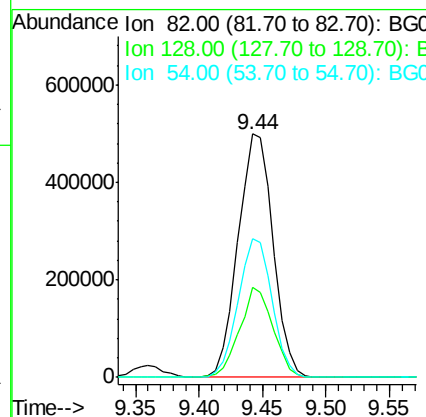
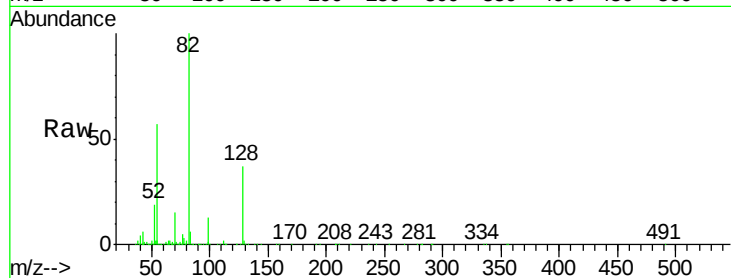
#23
Nitrobenzene-d5
Concen: 86.90 ng
RT: 9.44 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BG024596.D
Acq: 1 Nov 2016 17:14

Instrument :
BNA_G
ClientSampleId :
PB94460BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
82	100		953101		
128	36.7	26.4	39.6		
54	56.8	49.4	74.2		

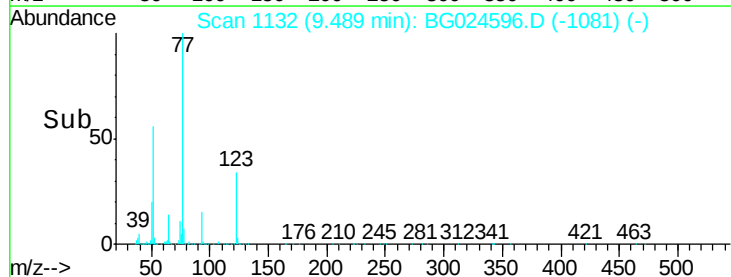
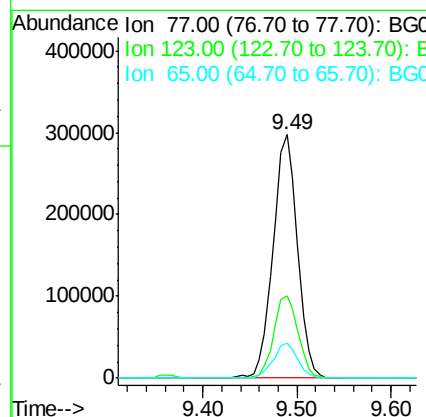
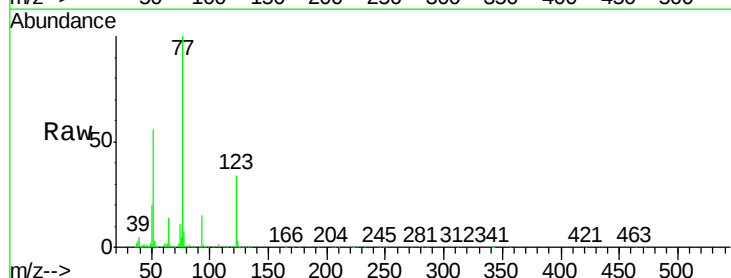
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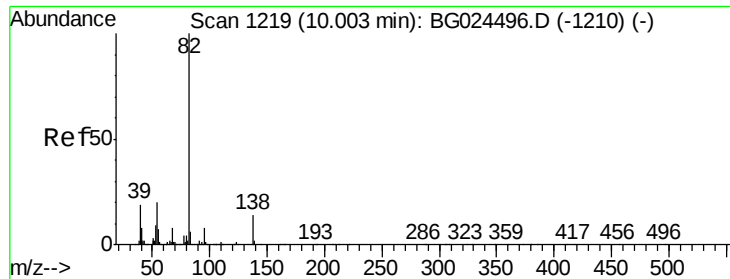
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#24
Nitrobenzene
Concen: 43.81 ng
RT: 9.49 min Scan# 1132
Delta R.T. -0.00 min
Lab File: BG024596.D
Acq: 1 Nov 2016 17:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
77	100		534546		
123	33.6	26.1	39.1		
65	14.4	12.4	18.6		





#25

Isophorone

Concen: 45.47 ng

RT: 10.00 min Scan# 1219

Delta R.T. -0.00 min

Lab File: BG024596.D

Acq: 1 Nov 2016 17:14

Instrument :

BNA_G

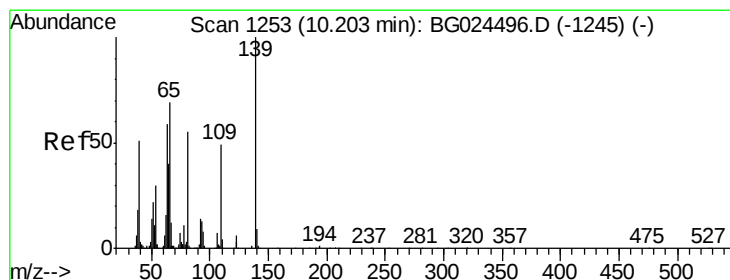
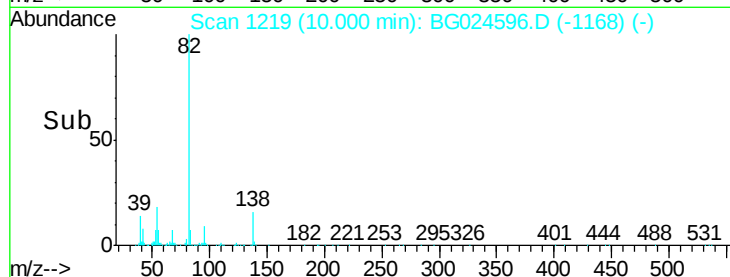
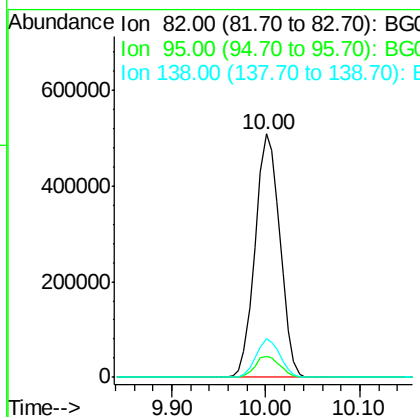
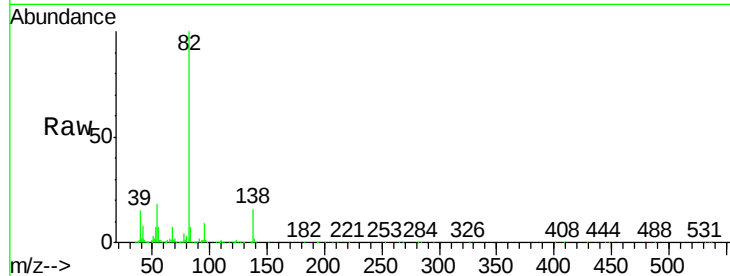
ClientSampleId :

PB94460BS

Tot Ion:	82	Resp:	927582
Ion Ratio		Lower	Upper
82	100		
95	8.8	7.5	11.3
138	15.8	12.3	18.5

Manual Integrations
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#26

2-Nitrophenol

Concen: 46.04 ng

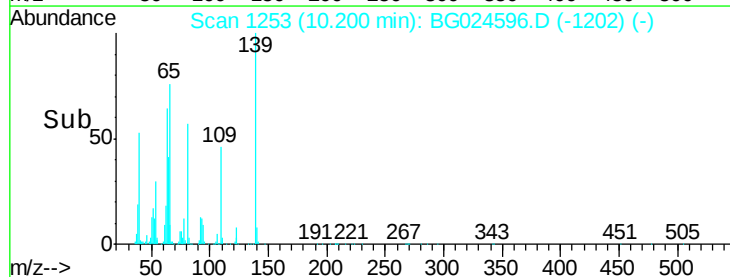
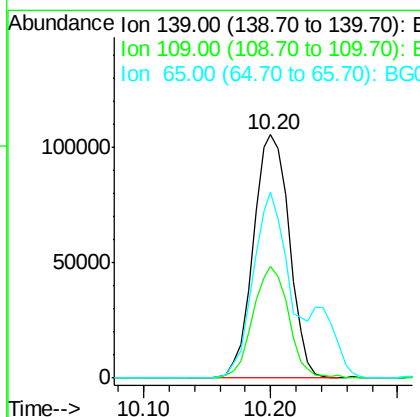
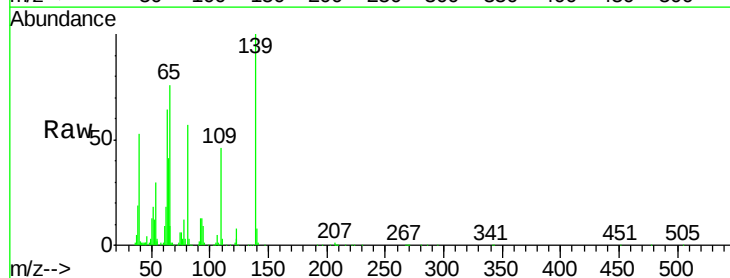
RT: 10.20 min Scan# 1253

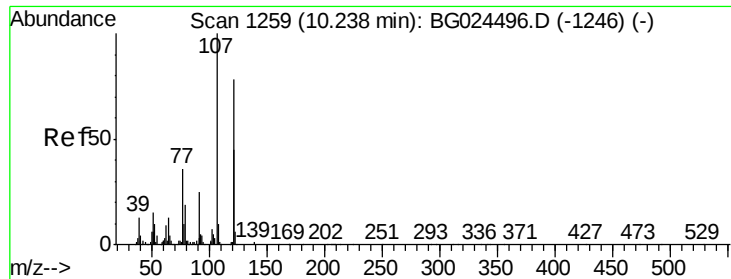
Delta R.T. -0.00 min

Lab File: BG024596.D

Acq: 1 Nov 2016 17:14

Tgt Ion:	139	Resp:	208504
Ion Ratio		Lower	Upper
139	100		
109	45.9	38.6	58.0
65	76.2	57.1	85.7





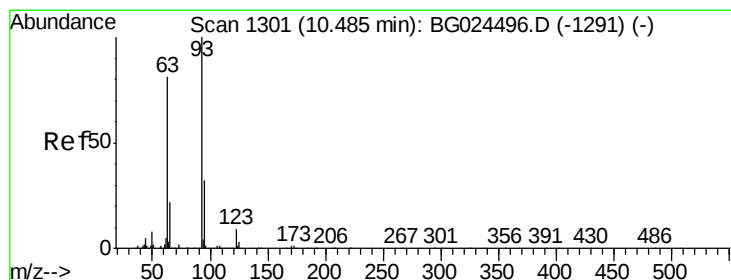
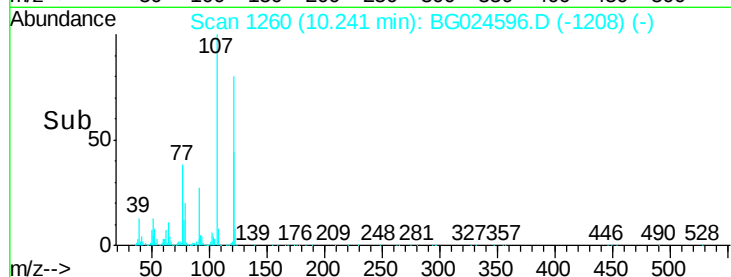
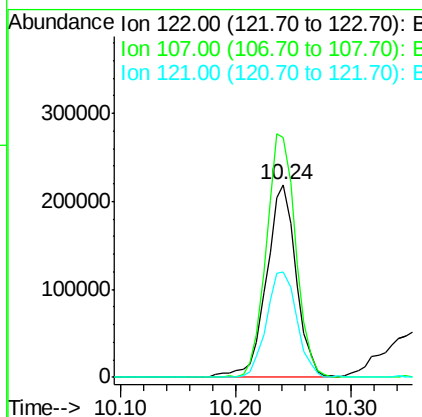
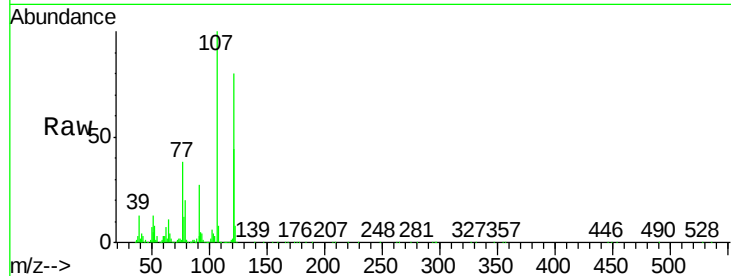
#27
 2,4-Dimethylphenol
 Concen: 49.49 ng
 RT: 10.24 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: BG024596.D
 Acq: 1 Nov 2016 17:14

Instrument :
 BNA_G
 ClientSampleId :
 PB94460BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	124.5	104.2	156.4
121	54.6	46.0	69.0

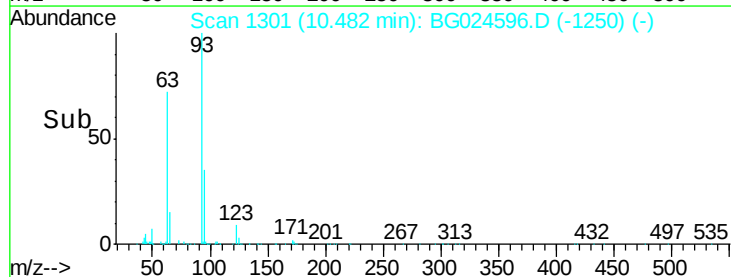
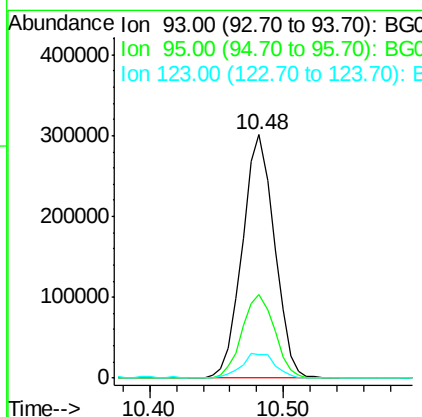
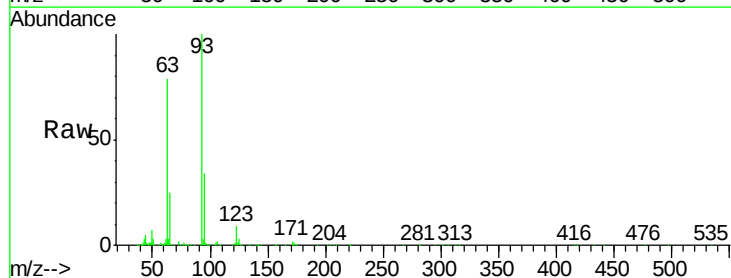
Manual Integrations
 APPROVED

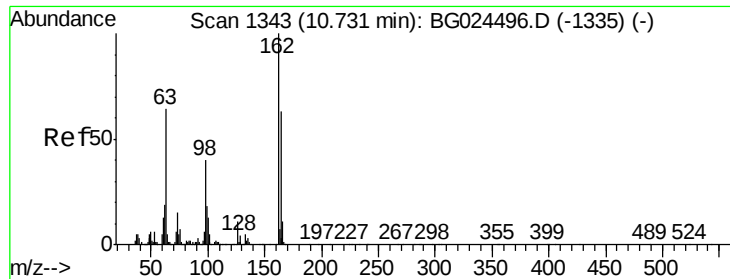
Umangi
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#28
 bis(2-Chloroethoxy)methane
 Concen: 47.45 ng
 RT: 10.48 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: BG024596.D
 Acq: 1 Nov 2016 17:14

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.1	25.7	38.5
123	9.4	8.3	12.5





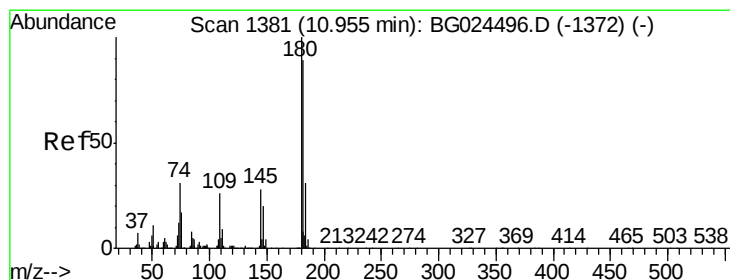
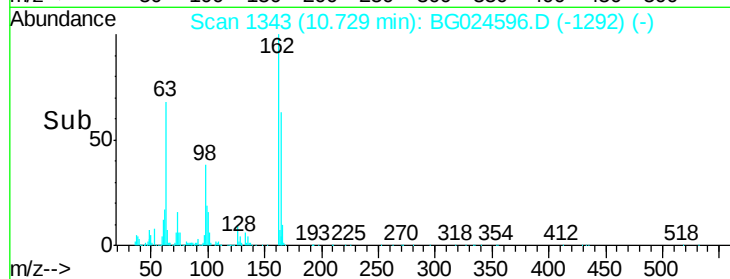
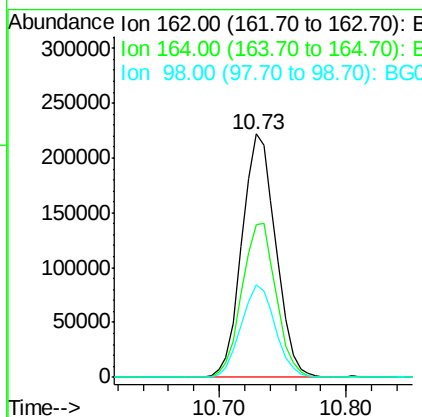
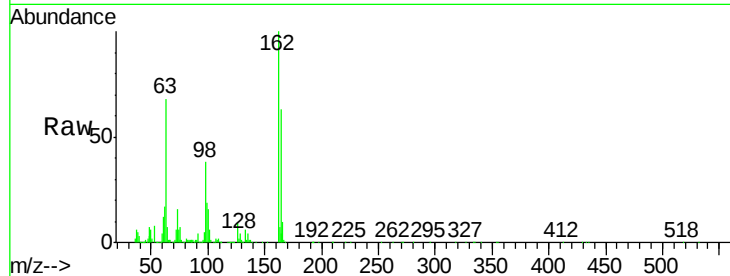
#29
 2,4-Dichlorophenol
 Concen: 49.38 ng
 RT: 10.73 min Scan# 1343
 Delta R.T. -0.00 min
 Lab File: BG024596.D
 Acq: 1 Nov 2016 17:14

Instrument :
 BNA_G
 ClientSampleId :
 PB94460BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	410922		
164	62.9		42.4	82.4
98	38.2		20.3	60.3

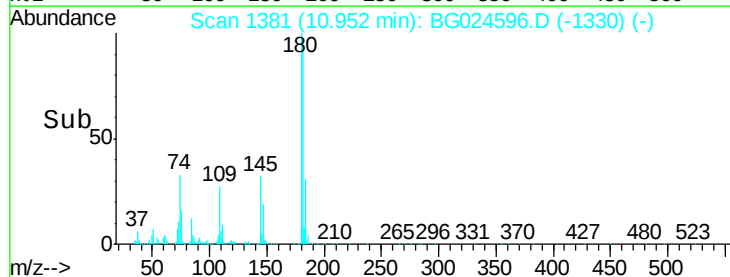
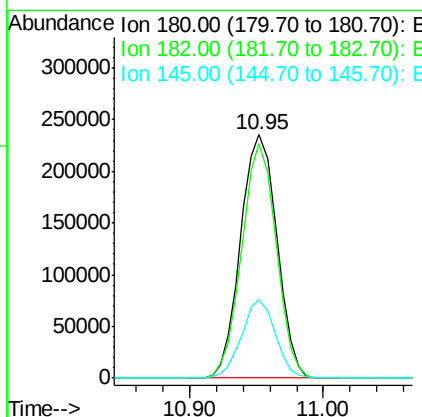
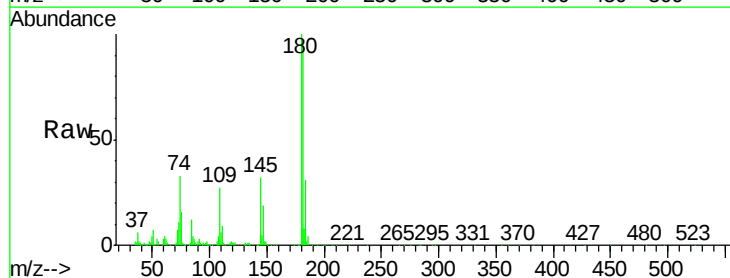
Manual Integrations
 APPROVED

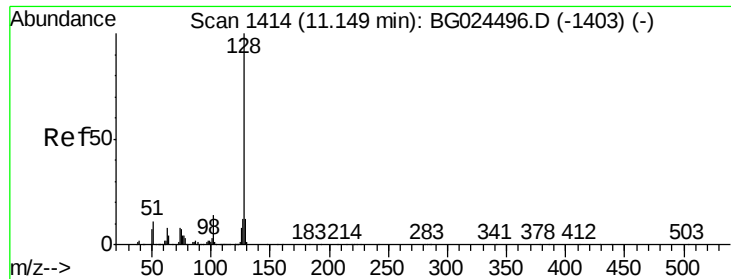
Umangi
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#30
 1,2,4-Trichlorobenzene
 Concen: 44.91 ng
 RT: 10.95 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: BG024596.D
 Acq: 1 Nov 2016 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	443315		
182	96.6		77.0	115.4
145	32.3		23.4	35.0





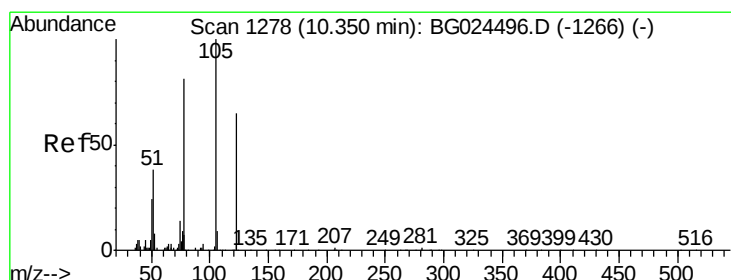
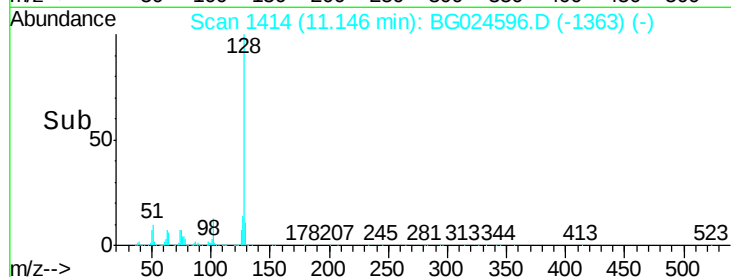
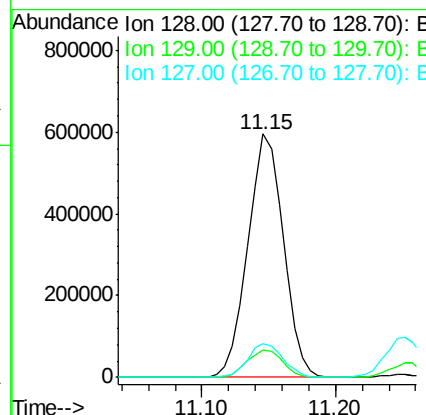
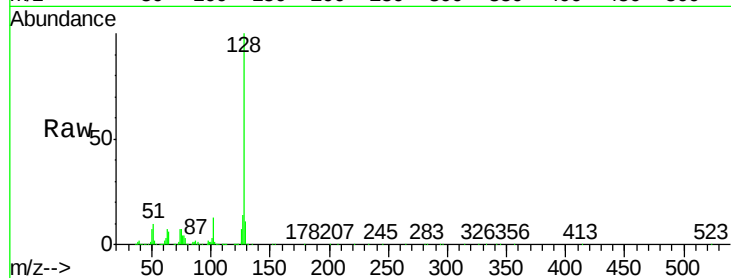
#31
Naphthalene
Concen: 43.94 ng
RT: 11.15 min Scan# 1414
Delta R.T. -0.00 min
Lab File: BG024596.D
Acq: 1 Nov 2016 17:14

Instrument :
BNA_G
ClientSampleId :
PB94460BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.3	13.9
127	13.6	11.4	17.0

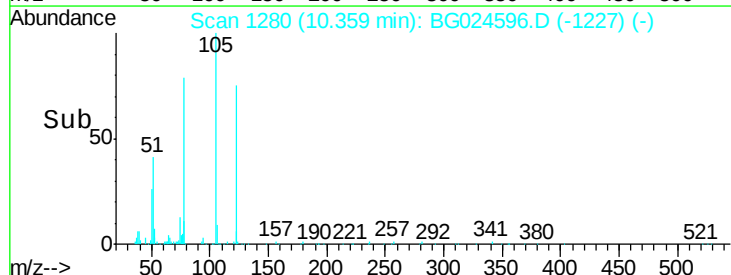
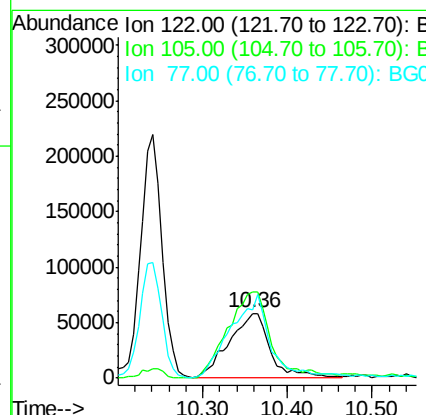
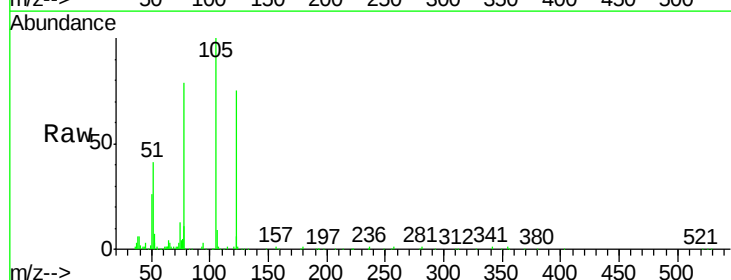
Manual Integrations
APPROVED

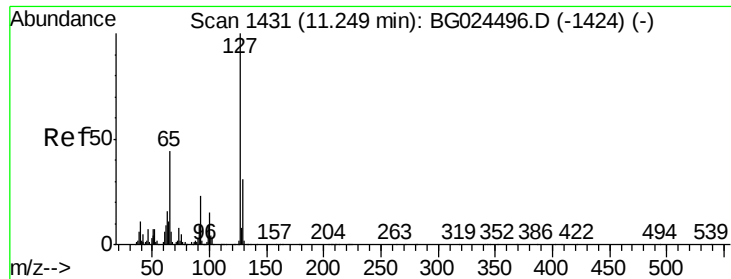
Umangi
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#32
Benzoic acid
Concen: 29.11 ng
RT: 10.36 min Scan# 1280
Delta R.T. 0.01 min
Lab File: BG024596.D
Acq: 1 Nov 2016 17:14

Tgt Ion	Ratio	Lower	Upper
122	100		
105	132.9	120.1	160.1
77	105.5	104.6	144.6





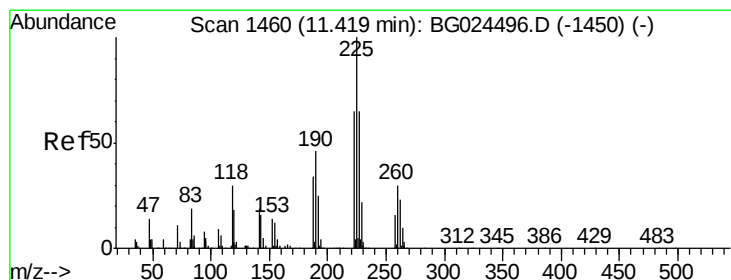
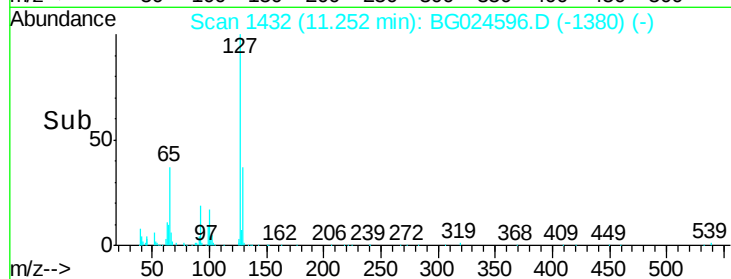
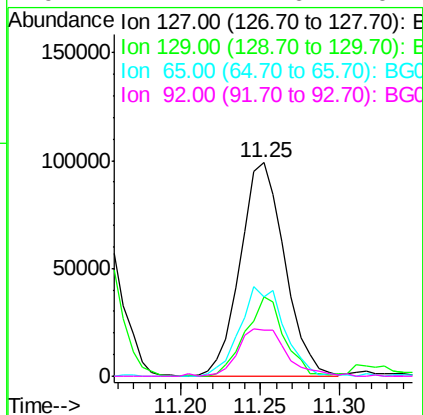
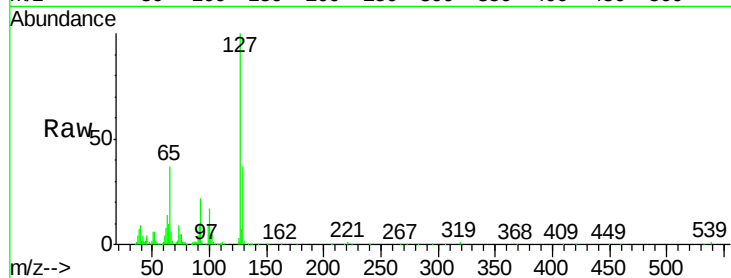
#33
4-Chloroaniline
Concen: 17.86 ng
RT: 11.25 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BG024596.D
Acq: 1 Nov 2016 17:14

Instrument :
BNA_G
ClientSampleId :
PB94460BS

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	37.2	23.6	35.4#
65	37.2	37.7	56.5#
92	21.7	17.6	26.4

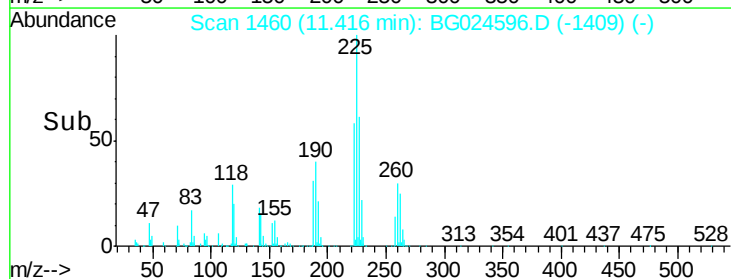
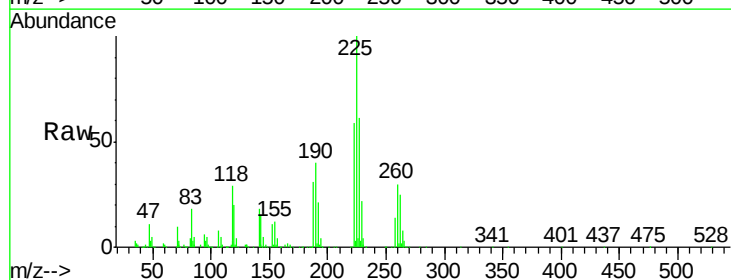
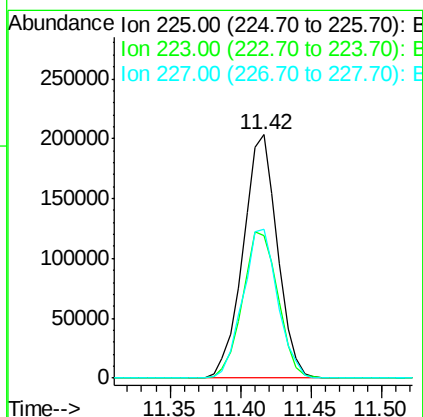
Manual Integrations
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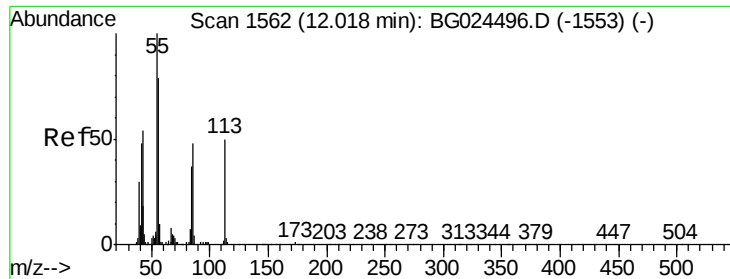
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#34
Hexachlorobutadiene
Concen: 44.64 ng
RT: 11.42 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BG024596.D
Acq: 1 Nov 2016 17:14

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	58.5	50.7	76.1
227	61.4	49.0	73.6





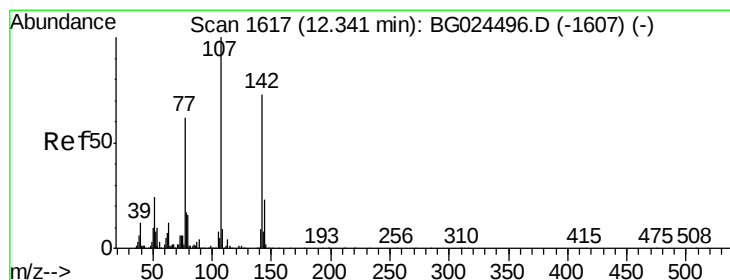
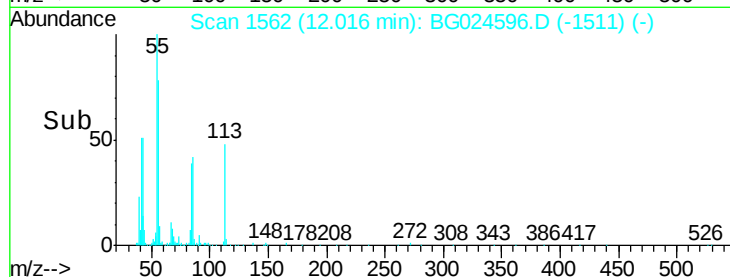
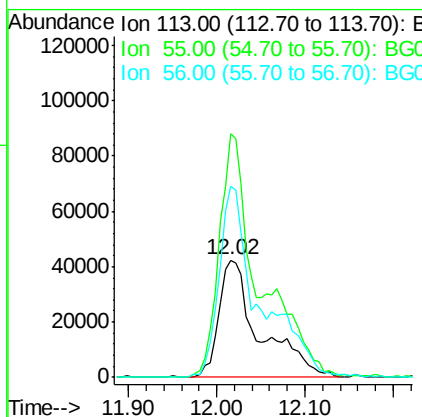
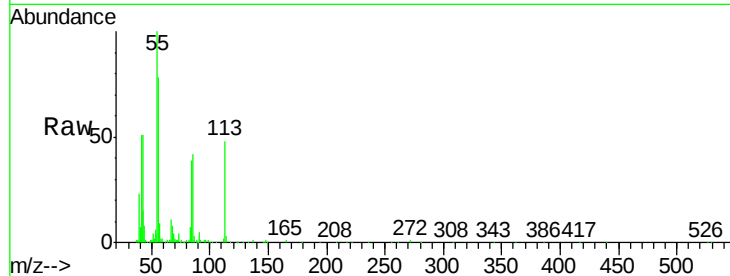
#35
 Caprolactam
 Concen: 44.58 ng/ml
 RT: 12.02 min Scan# 1562
 Delta R.T. -0.00 min
 Lab File: BG024596.D
 Acq: 1 Nov 2016 17:14

Instrument :
 BNA_G
 ClientSampleID :
 PB94460BS

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	207.3	198.6	238.6	
56	162.4	140.4	180.4	

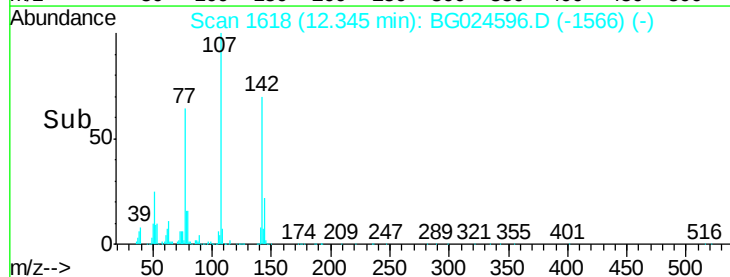
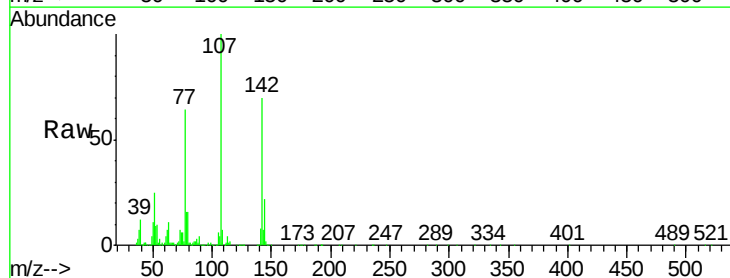
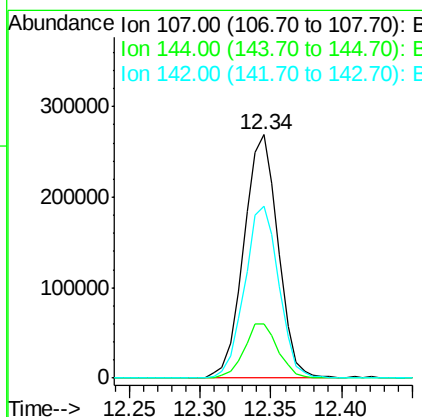
Manual Integrations
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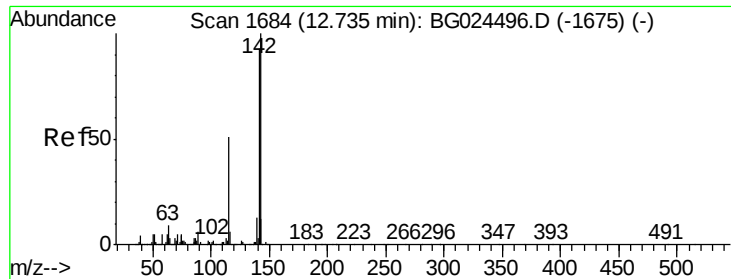
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#36
 4-Chloro-3-methylphenol
 Concen: 45.49 ng/ml
 RT: 12.34 min Scan# 1618
 Delta R.T. 0.00 min
 Lab File: BG024596.D
 Acq: 1 Nov 2016 17:14

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	22.3	17.4	26.0	
142	70.5	54.1	81.1	





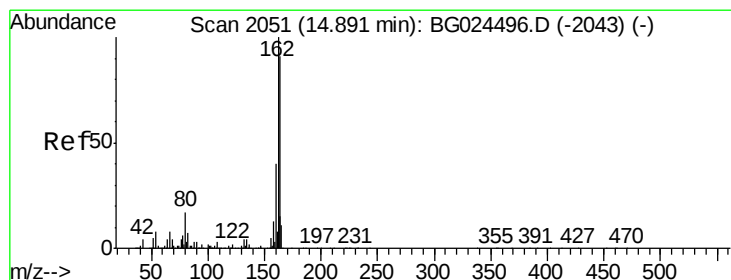
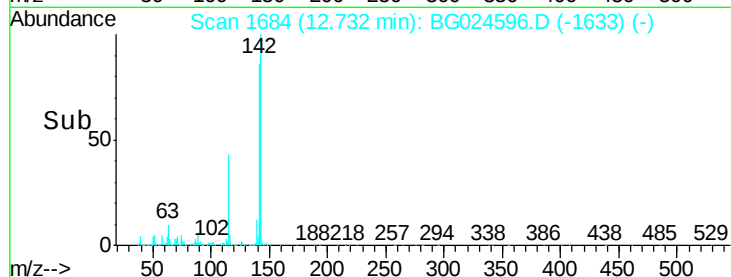
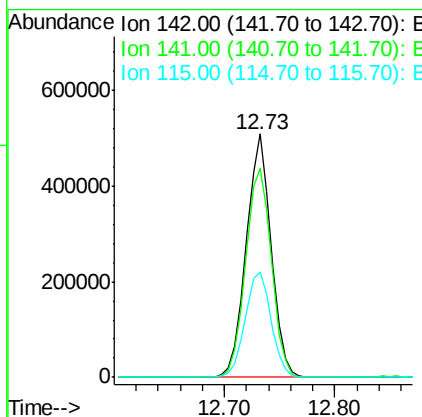
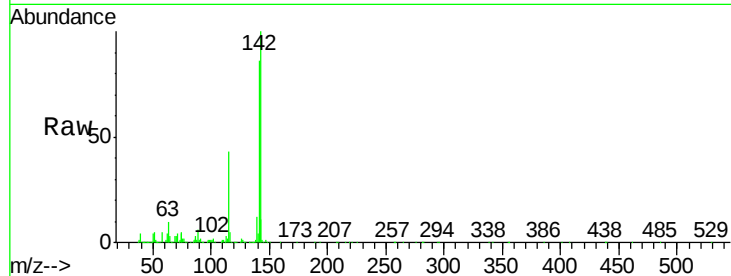
#37
 2-Methylnaphthalene
 Concen: 44.27 ng
 RT: 12.73 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: BG024596.D
 Acq: 1 Nov 2016 17:14

Instrument :
 BNA_G
 ClientSampleId :
 PB94460BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.0	70.4	105.6
115	43.4	35.5	53.3

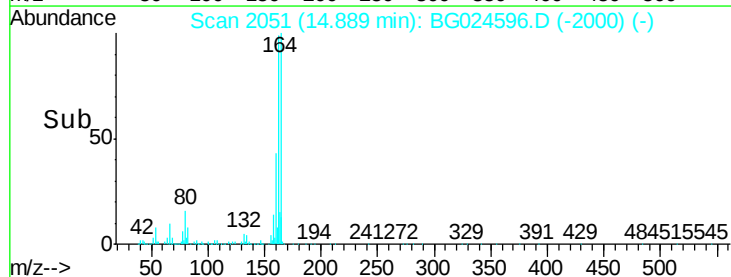
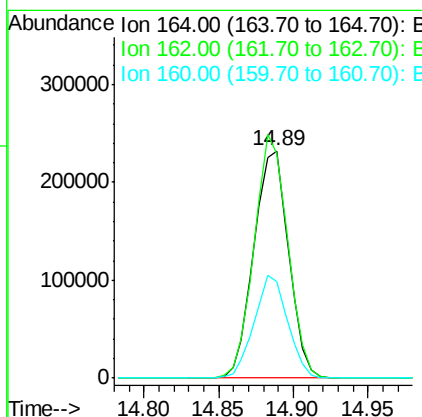
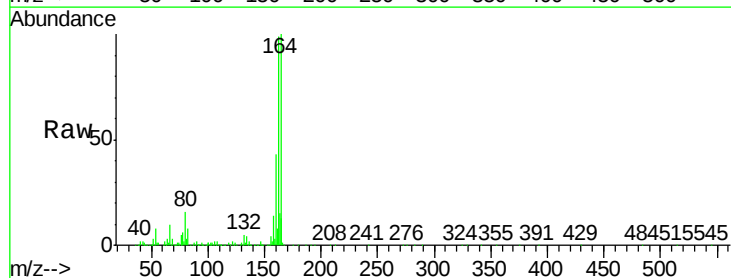
Manual Integrations
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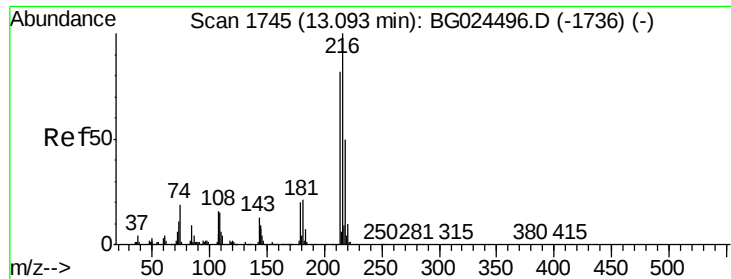
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.89 min Scan# 2051
 Delta R.T. -0.00 min
 Lab File: BG024596.D
 Acq: 1 Nov 2016 17:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.9	85.1	127.7
160	42.7	34.7	52.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.72 ng

RT: 13.09 min Scan# 1745

Delta R.T. -0.00 min

Lab File: BG024596.D

Acq: 1 Nov 2016 17:14

Instrument :

BNA_G

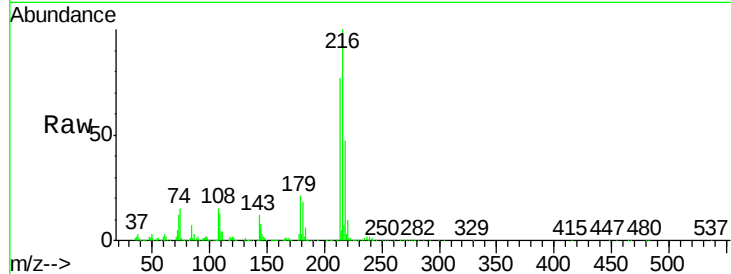
ClientSampled :

PB94460BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	564015		
214	78.1	64.4	96.6	
179	20.9	17.4	26.0	
108	18.8	15.6	23.4	

Manual Integrations
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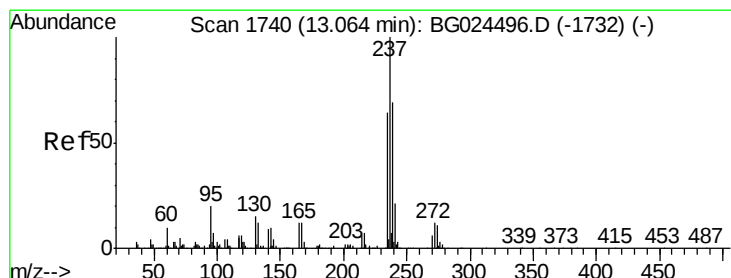
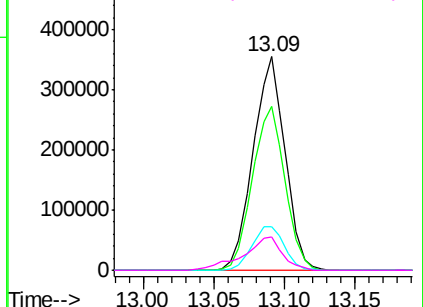
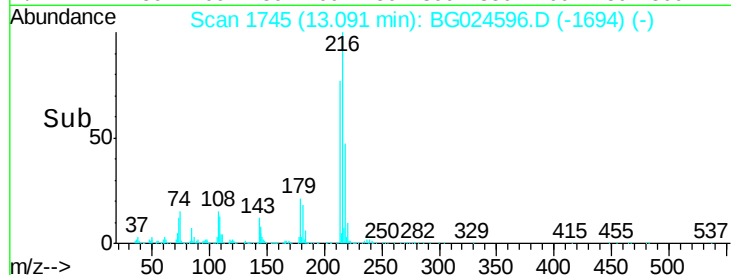


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 108.96 ng

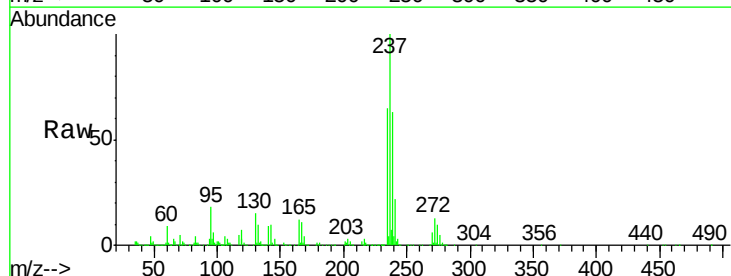
RT: 13.06 min Scan# 1740

Delta R.T. -0.00 min

Lab File: BG024596.D

Acq: 1 Nov 2016 17:14

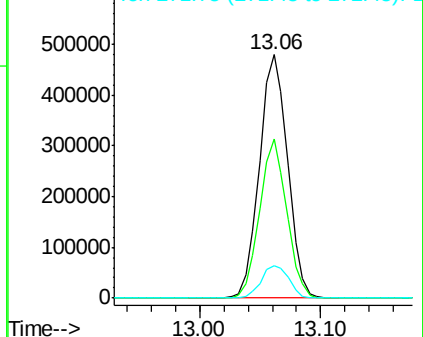
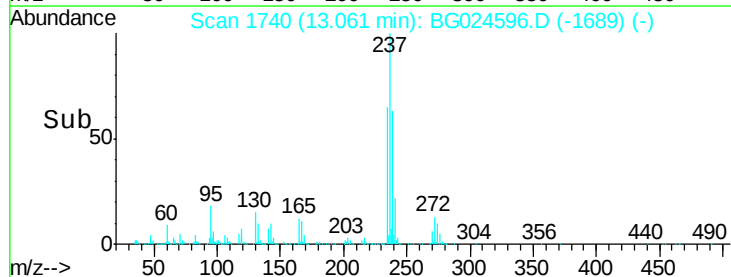
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	773827		
235	65.5	39.4	79.4	
272	13.4	0.0	32.0	

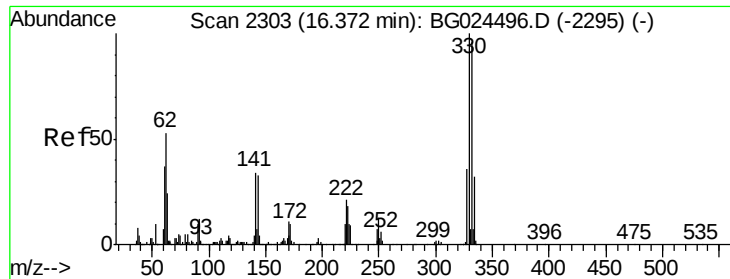


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





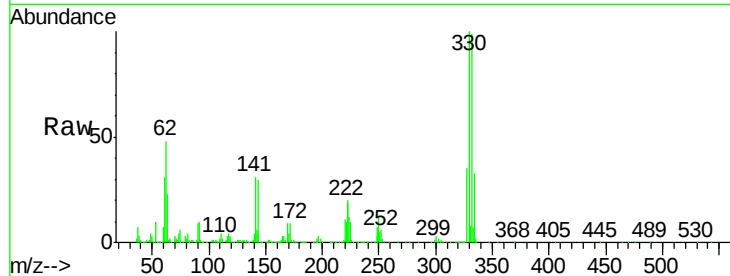
#41
2,4,6-Tribromophenol
Concen: 132.24 ng
RT: 16.37 min Scan# 2303
Delta R.T. -0.00 min
Lab File: BG024596.D
Acq: 1 Nov 2016 17:14

Instrument :
BNA_G
ClientSampleId :
PB94460BS

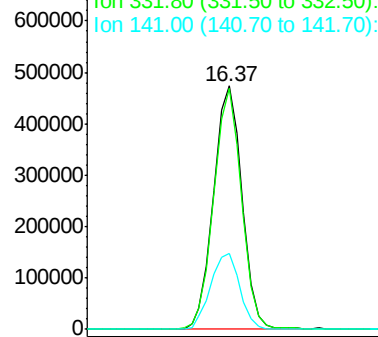
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.3	115.9
141	31.9	32.1	48.1

Manual Integrations
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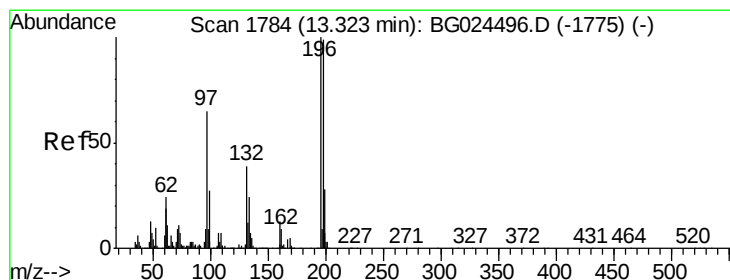
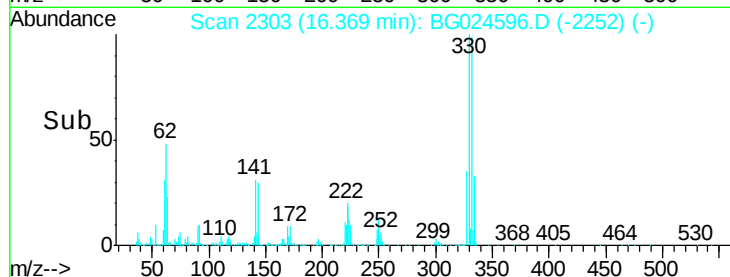
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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

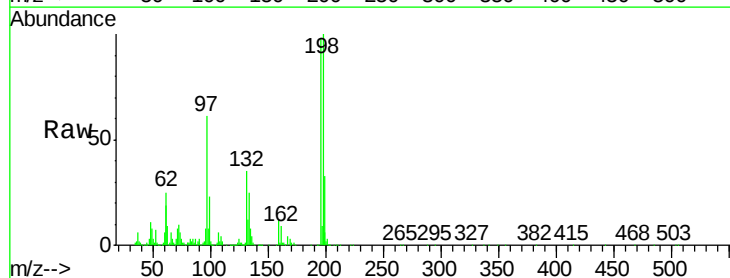


Time-->

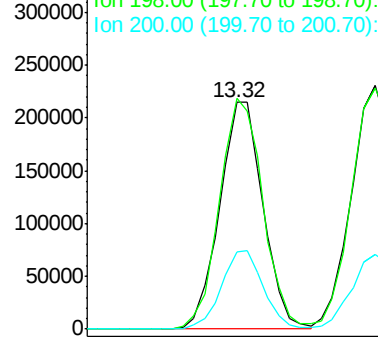


#42
2,4,6-Trichlorophenol
Concen: 47.28 ng
RT: 13.32 min Scan# 1784
Delta R.T. -0.00 min
Lab File: BG024596.D
Acq: 1 Nov 2016 17:14

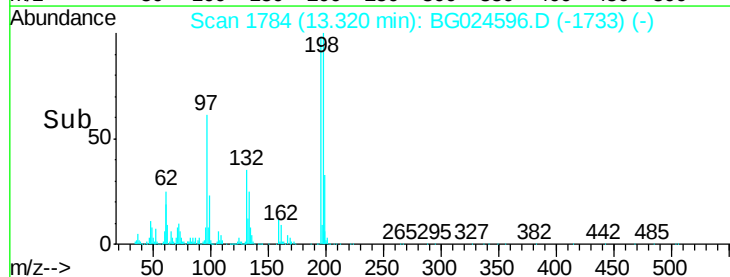
Tgt Ion	Ratio	Lower	Upper
196	100		
198	102.2	81.4	122.2
200	34.1	27.0	40.6

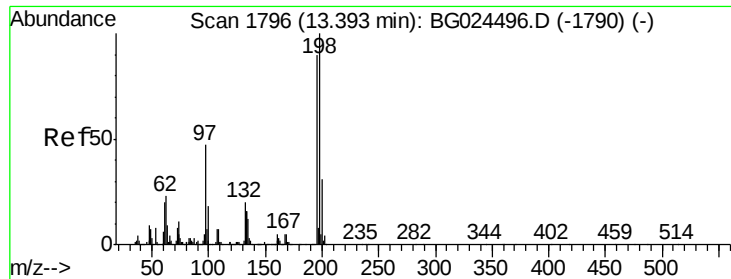


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E



Time-->





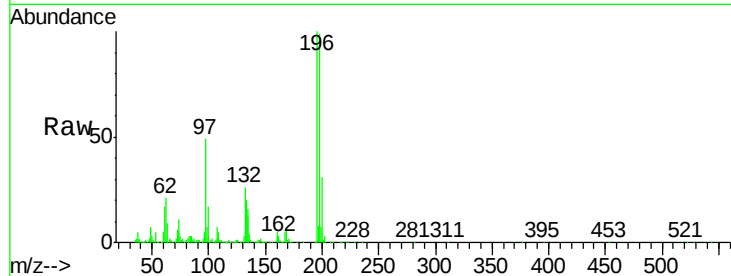
#43
 2,4,5-Trichlorophenol
 Concen: 46.66 ng
 RT: 13.40 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: BG024596.D
 Acq: 1 Nov 2016 17:14

Instrument :
 BNA_G
 ClientSampleId :
 PB94460BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	382452		
198	98.8	79.9	119.9	
97	48.5	45.4	68.0	
132	25.6	20.7	31.1	

Manual Integrations
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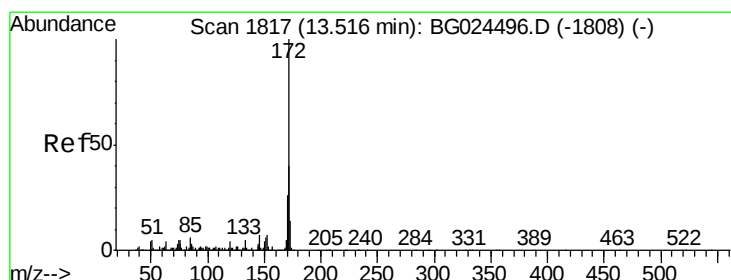
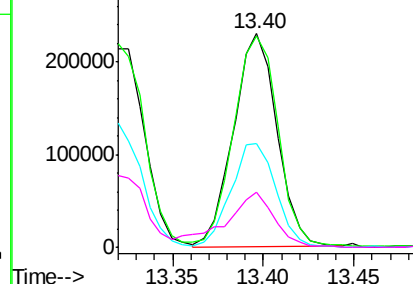
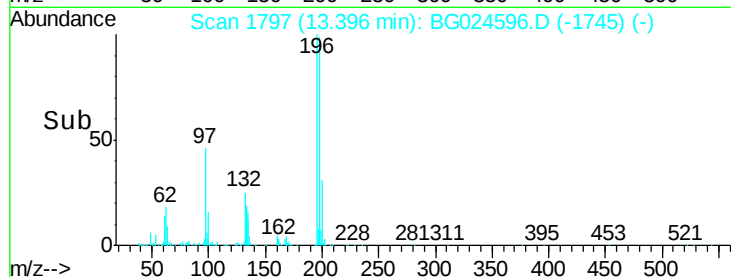
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

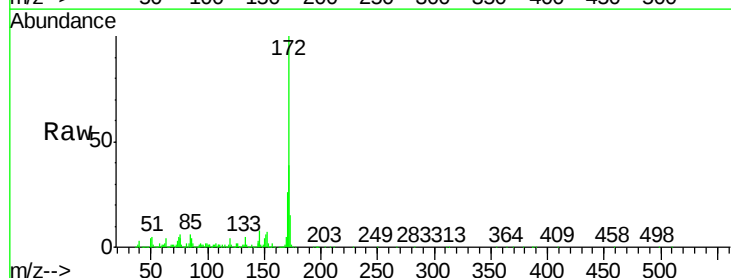
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 85.86 ng
 RT: 13.51 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: BG024596.D
 Acq: 1 Nov 2016 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1931516		
171	38.8	32.2	48.2	
170	26.1	21.8	32.6	

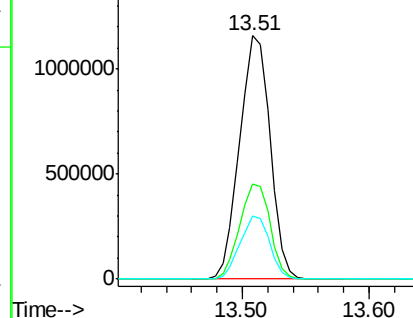
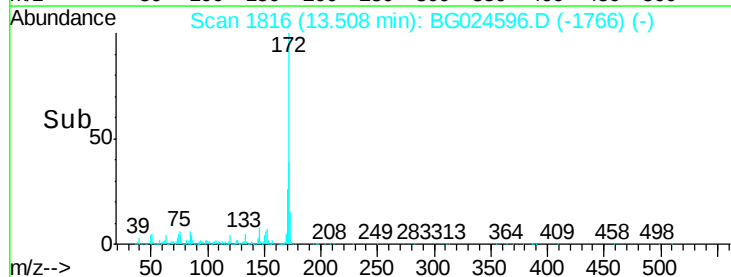


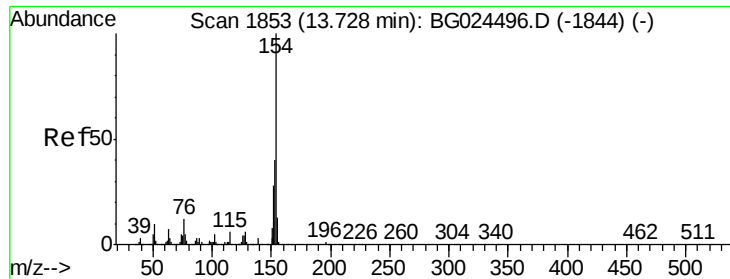
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





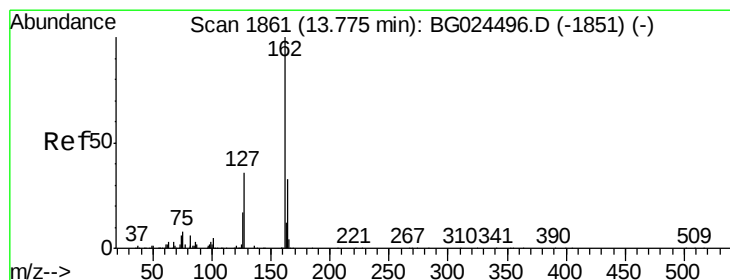
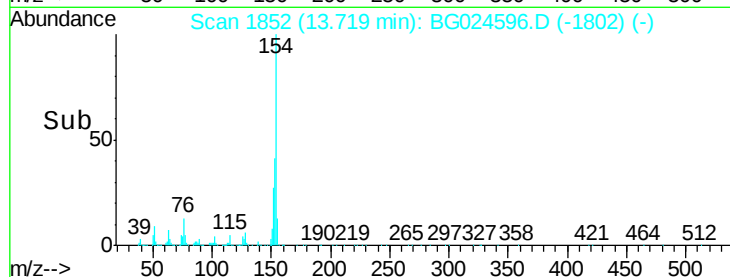
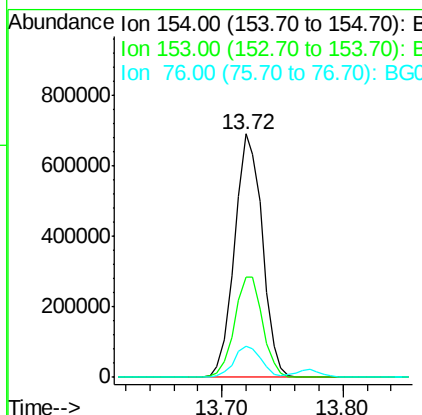
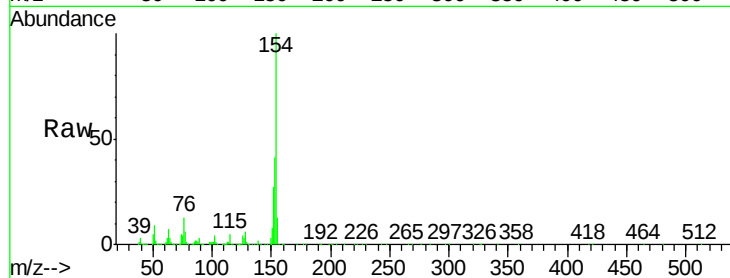
#45
1,1'-Biphenyl
Concen: 42.62 ng
RT: 13.72 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BG024596.D
Acq: 1 Nov 2016 17:14

Instrument :
BNA_G
ClientSampleId :
PB94460BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.0	23.0	63.0
76	12.6	0.0	33.5

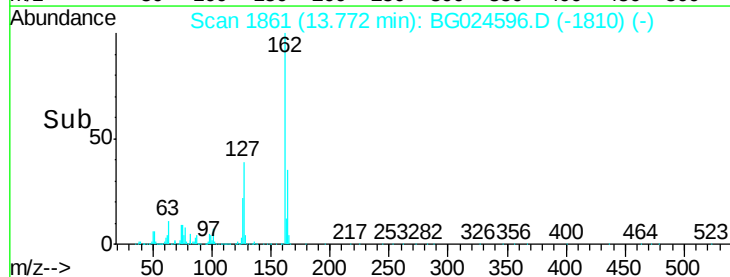
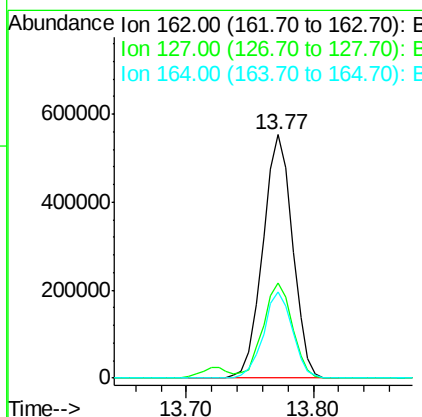
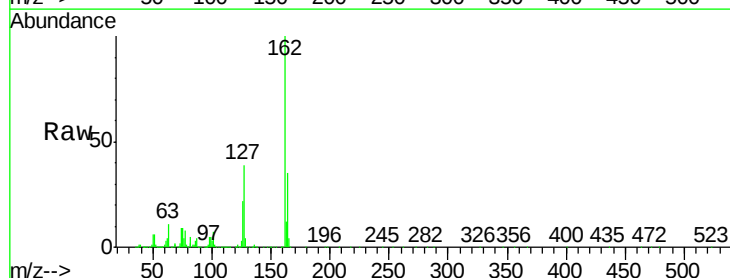
Manual Integrations
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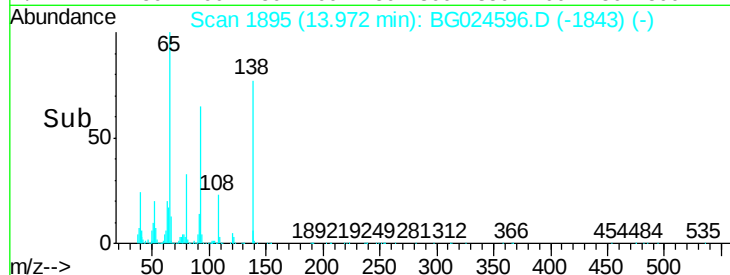
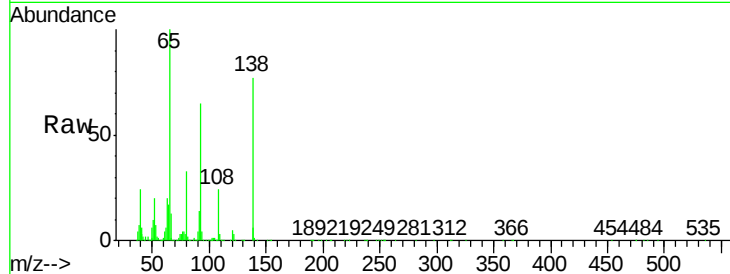
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#46
2-Chloronaphthalene
Concen: 45.60 ng
RT: 13.77 min Scan# 1861
Delta R.T. -0.00 min
Lab File: BG024596.D
Acq: 1 Nov 2016 17:14

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.2	32.2	48.4
164	35.2	27.3	40.9





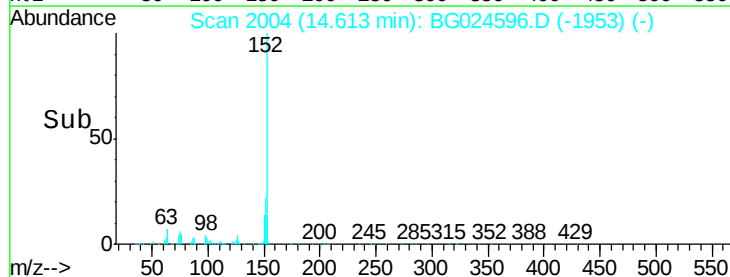
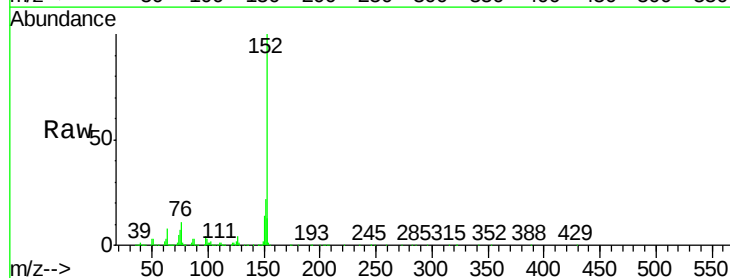
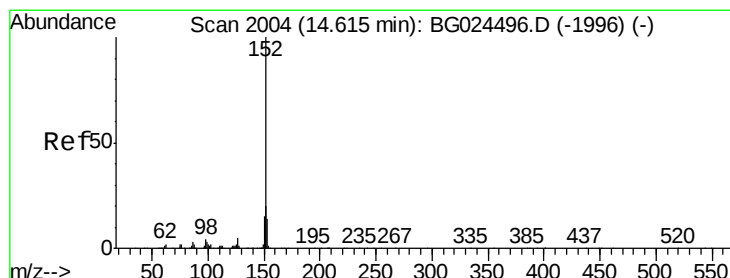
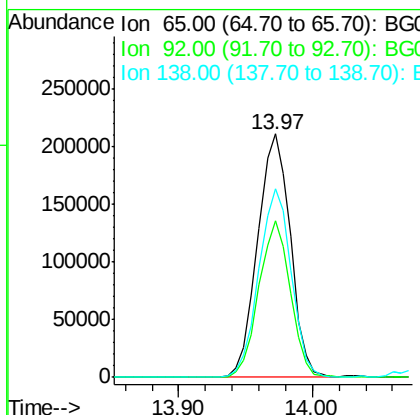
#47
2-Nitroaniline
Concen: 44.25 ng
RT: 13.97 min Scan# 1895
Delta R.T. 0.00 min
Lab File: BG024596.D
Acq: 1 Nov 2016 17:14

Tot Ion	Ratio	Lower	Upper
65	100		
92	64.6	49.0	73.4
138	77.3	58.6	87.8

Instrument :
BNA_G
ClientSampled :
PB94460BS

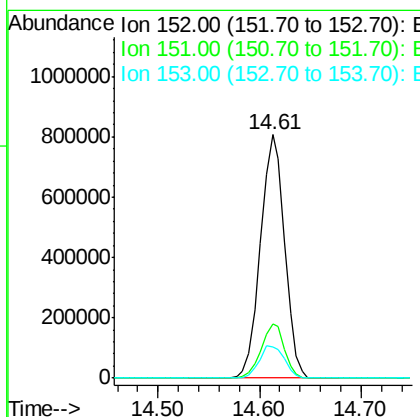
Manual Integrations
APPROVED

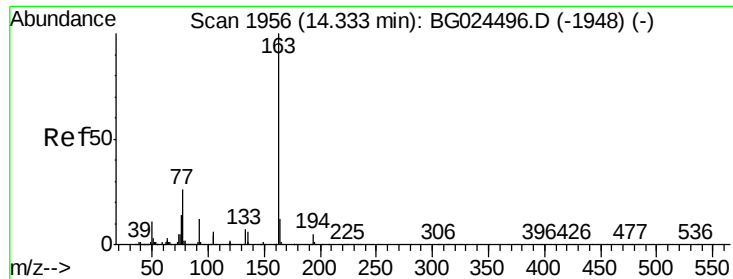
Umangi
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#48
Acenaphthylene
Concen: 43.92 ng
RT: 14.61 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BG024596.D
Acq: 1 Nov 2016 17:14

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.0	18.2	27.2
153	12.9	11.3	16.9





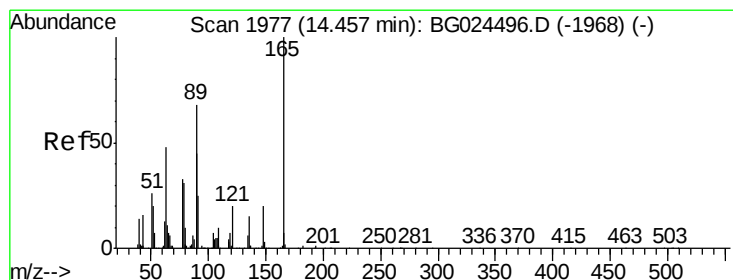
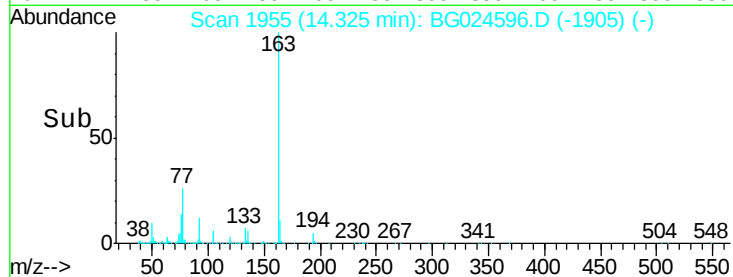
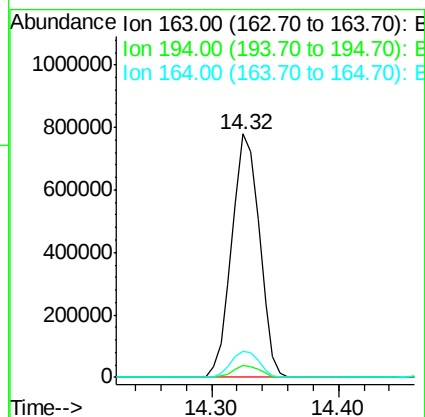
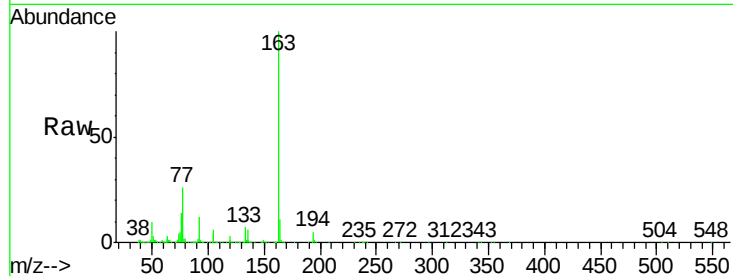
#49
Dimethylphthalate
Concen: 44.32 ng
RT: 14.32 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BG024596.D
Acq: 1 Nov 2016 17:14

Instrument :
BNA_G
ClientSampled :
PB94460BS

Tot Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.8	5.6
164	10.7	9.3	13.9

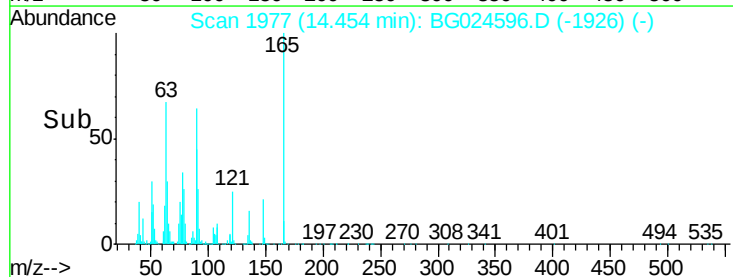
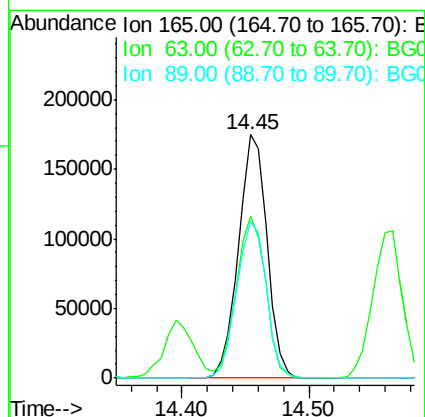
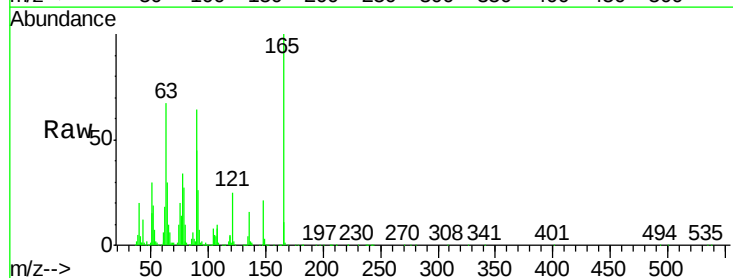
Manual Integrations
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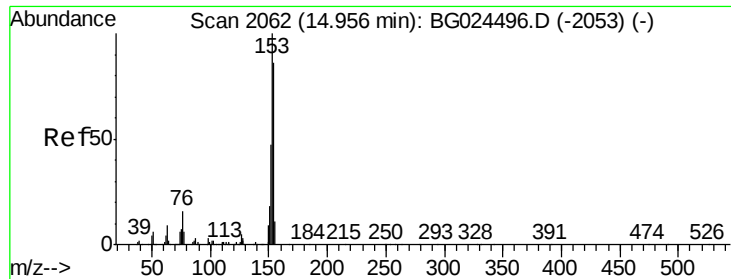
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#50
2,6-Dinitrotoluene
Concen: 47.97 ng
RT: 14.45 min Scan# 1977
Delta R.T. -0.00 min
Lab File: BG024596.D
Acq: 1 Nov 2016 17:14

Tgt Ion	Ratio	Lower	Upper
165	100		
63	66.7	63.9	95.9
89	64.2	58.6	88.0





#51

Acenaphthene

Concen: 39.46 ng

RT: 14.95 min Scan# 2061

Delta R.T. -0.01 min

Lab File: BG024596.D

Acq: 1 Nov 2016 17:14

Instrument :

BNA_G

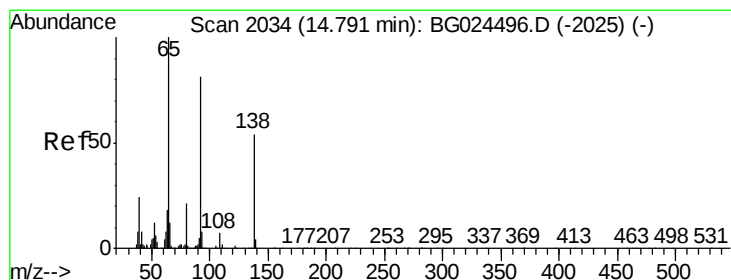
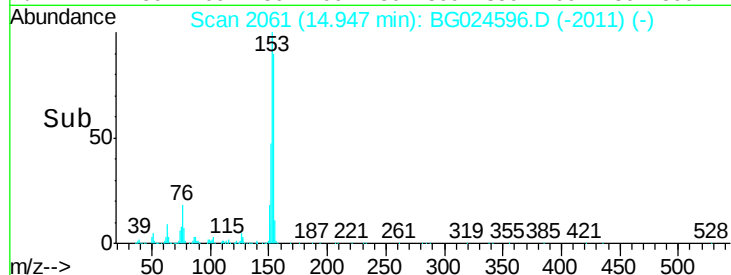
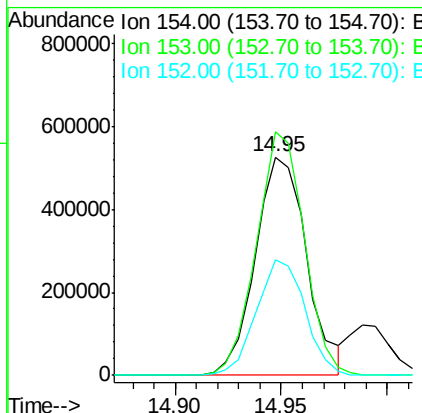
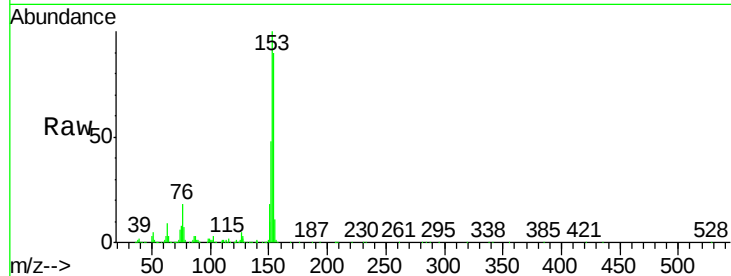
ClientSampleId :

PB94460BS

Tot Ion:	154	Resp:	891400
Ion Ratio	Lower	Upper	
154	100		
153	111.4	87.8	131.6
152	52.9	42.2	63.4

Manual Integrations
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#52

3-Nitroaniline

Concen: 25.19 ng

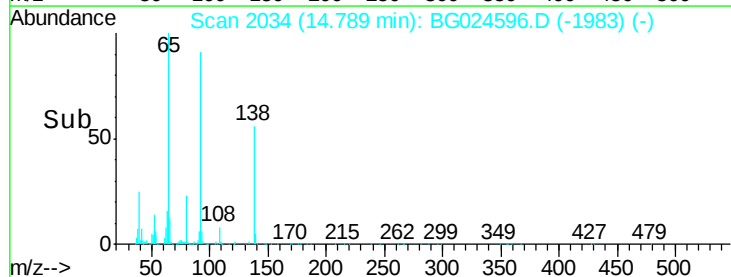
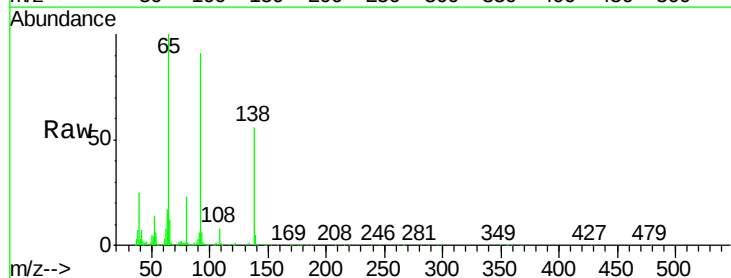
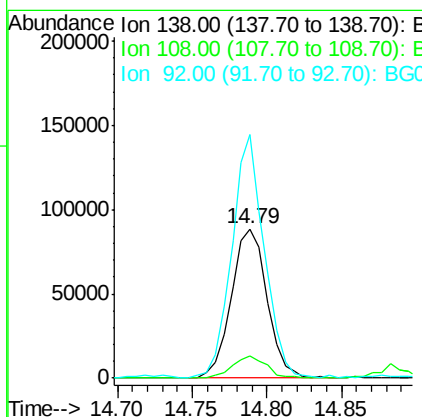
RT: 14.79 min Scan# 2034

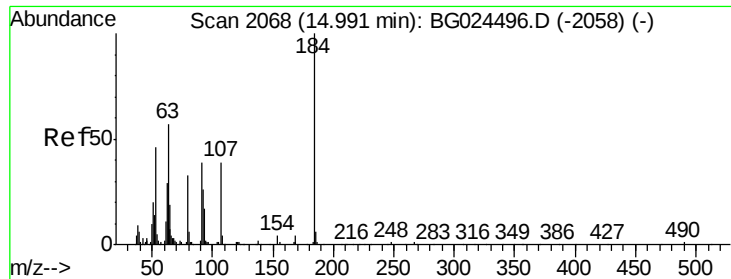
Delta R.T. -0.00 min

Lab File: BG024596.D

Acq: 1 Nov 2016 17:14

Tgt Ion:	138	Resp:	147701
Ion Ratio	Lower	Upper	
138	100		
108	14.6	10.9	16.3
92	162.9	115.3	172.9





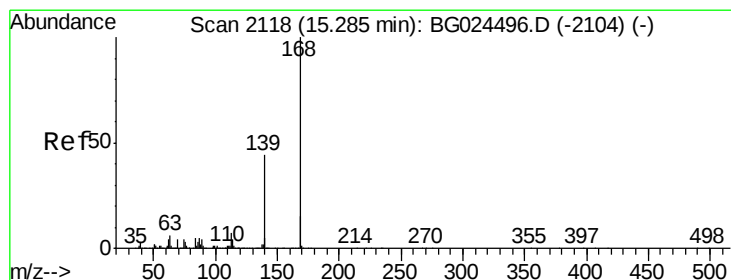
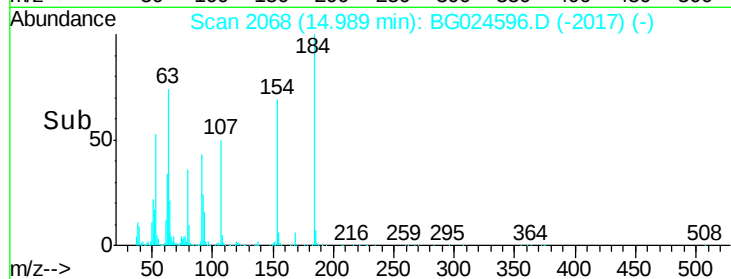
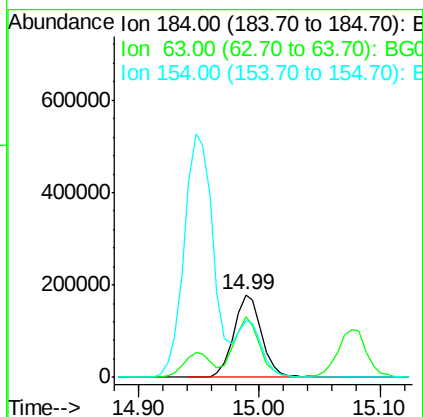
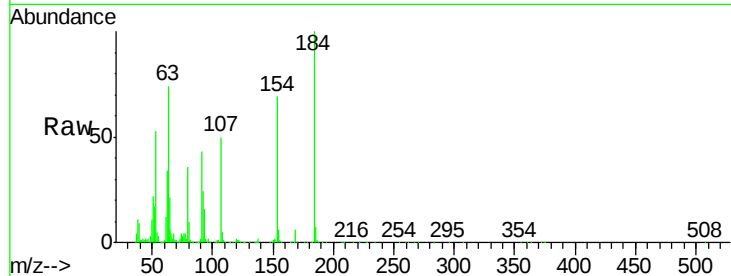
#53
2,4-Dinitrophenol
Concen: 70.46 ng
RT: 14.99 min Scan# 2068
Delta R.T. -0.00 min
Lab File: BG024596.D
Acq: 1 Nov 2016 17:14

Instrument :
BNA_G
ClientSampleId :
PB94460BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	73.9	52.7	79.1
154	68.9	57.3	85.9

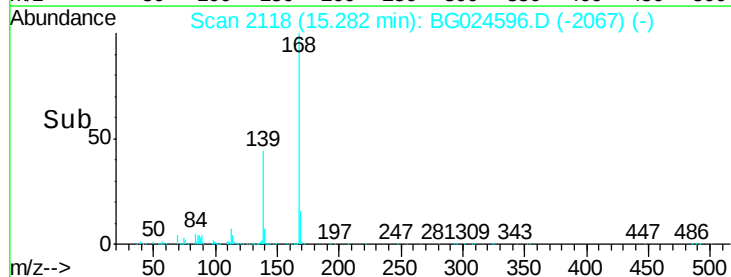
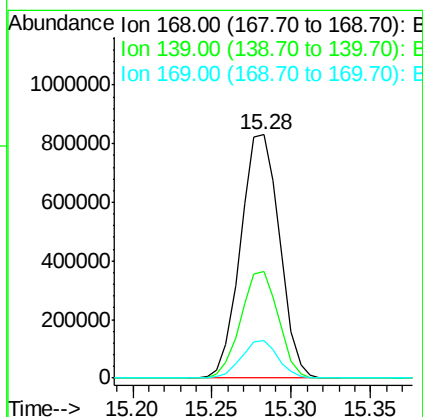
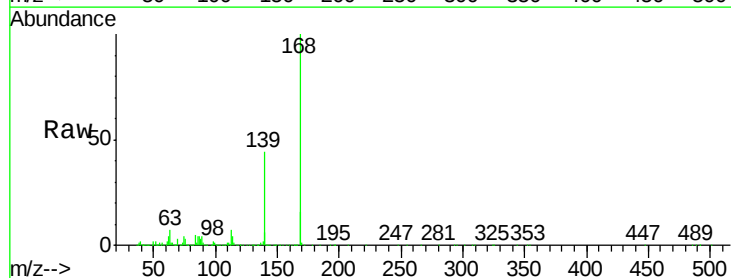
Manual Integrations
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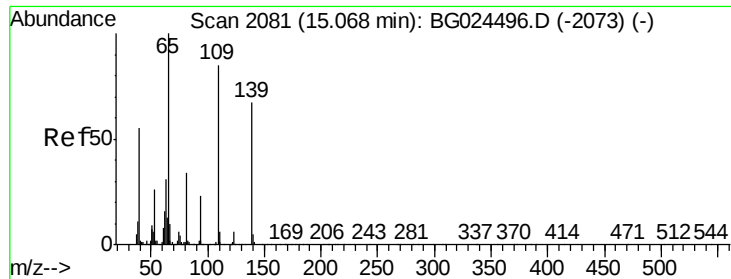
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#54
Dibenzofuran
Concen: 45.31 ng
RT: 15.28 min Scan# 2118
Delta R.T. -0.00 min
Lab File: BG024596.D
Acq: 1 Nov 2016 17:14

Tgt Ion	Ratio	Lower	Upper
168	100		
139	43.6	35.3	52.9
169	15.6	11.5	17.3





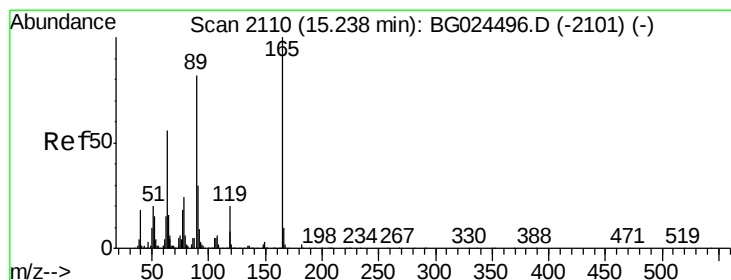
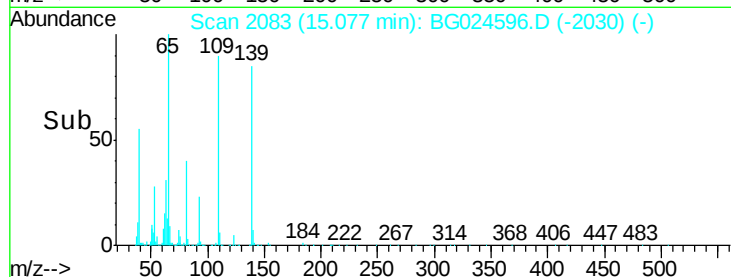
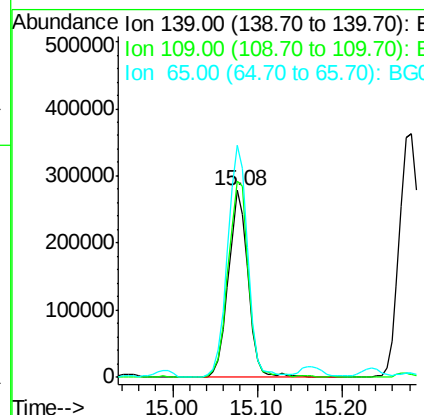
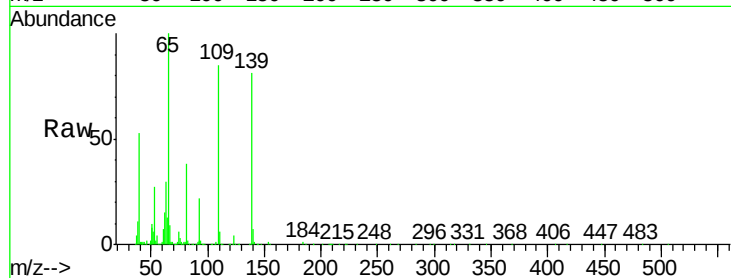
#55
4-Nitrophenol
Concen: 87.46 ng
RT: 15.08 min Scan# 2083
Delta R.T. 0.01 min
Lab File: BG024596.D
Acq: 1 Nov 2016 17:14

Instrument :
BNA_G
ClientSampleId :
PB94460BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	105.0	101.2	141.2
65	124.0	135.3	175.3

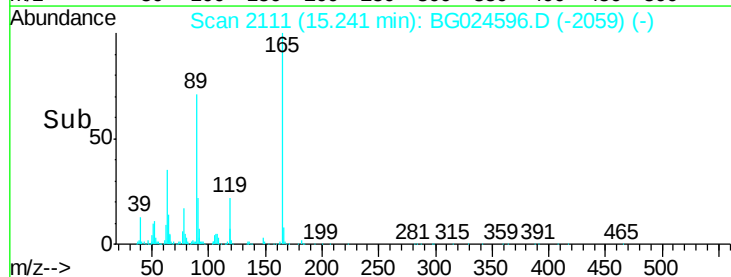
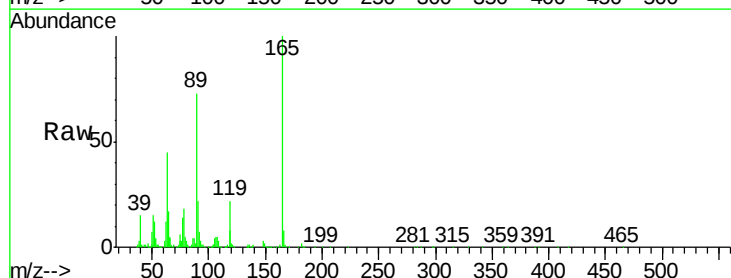
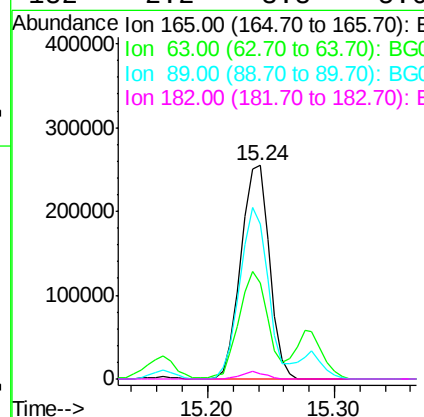
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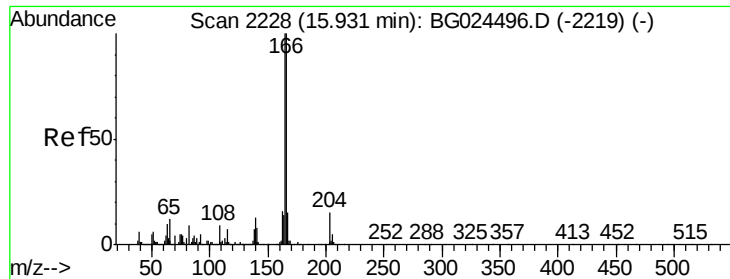
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#56
2,4-Dinitrotoluene
Concen: 48.38 ng
RT: 15.24 min Scan# 2111
Delta R.T. 0.00 min
Lab File: BG024596.D
Acq: 1 Nov 2016 17:14

Tgt Ion	Ratio	Lower	Upper
165	100		
63	44.9	44.0	66.0
89	72.5	67.3	100.9
182	2.2	3.8	5.6





#57

Fluorene

Concen: 44.13 ng

RT: 15.93 min Scan# 2228

Delta R.T. -0.00 min

Lab File: BG024596.D

Acq: 1 Nov 2016 17:14

Instrument :

BNA_G

ClientSampleId :

PB94460BS

Tot Ion:166 Resp: 1142703

Ion Ratio Lower Upper

166 100

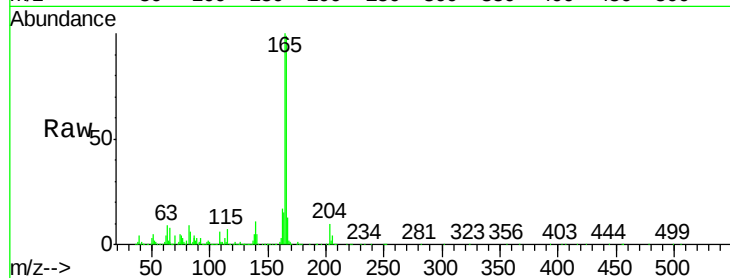
165 101.3 78.6 117.8

167 13.2 11.6 17.4

Manual Integrations
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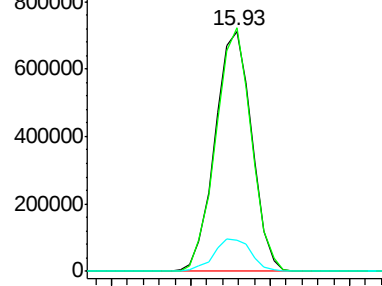
11/2/2016 5:43:51 PM



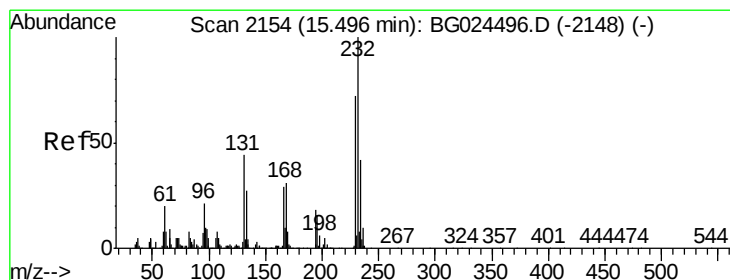
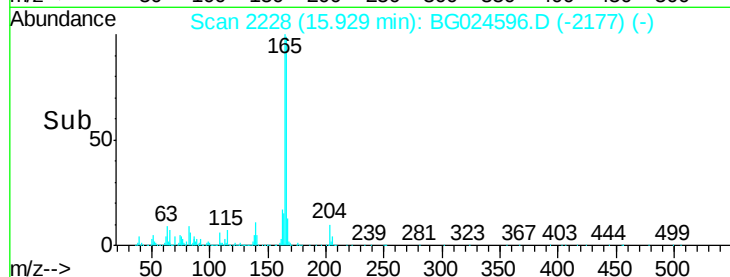
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->



#58

2,3,4,6-Tetrachlorophenol

Concen: 47.29 ng

RT: 15.50 min Scan# 2155

Delta R.T. 0.00 min

Lab File: BG024596.D

Acq: 1 Nov 2016 17:14

Tgt Ion:232 Resp: 401824

Ion Ratio Lower Upper

232 100

131 37.3 34.9 52.3

130 2.1 2.3 3.5#

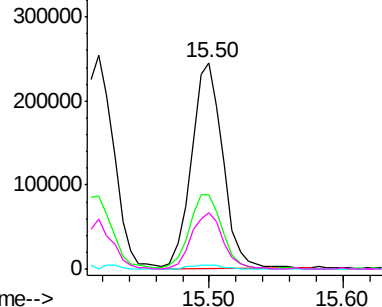
166 27.4 24.2 36.4

Abundance Ion 232.00 (231.70 to 232.70): E

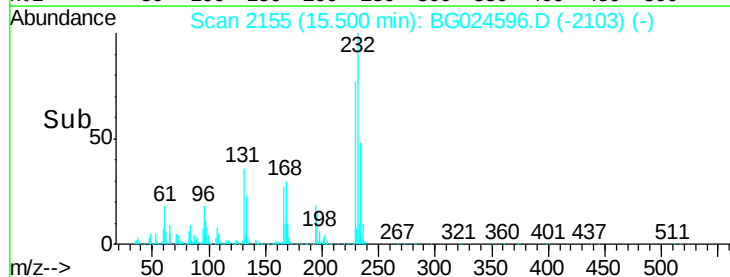
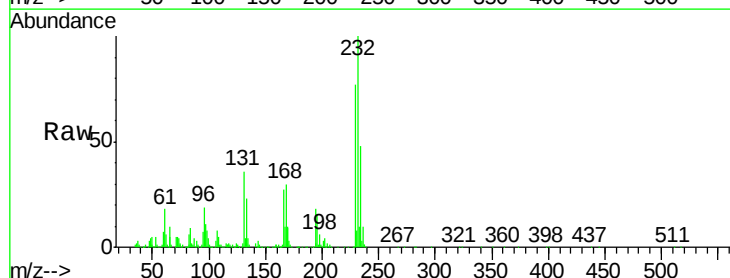
Ion 131.00 (130.70 to 131.70): E

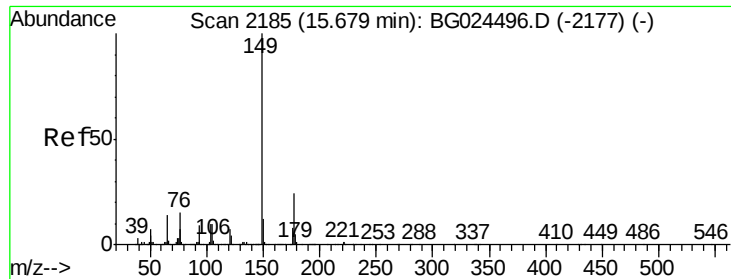
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



Time-->





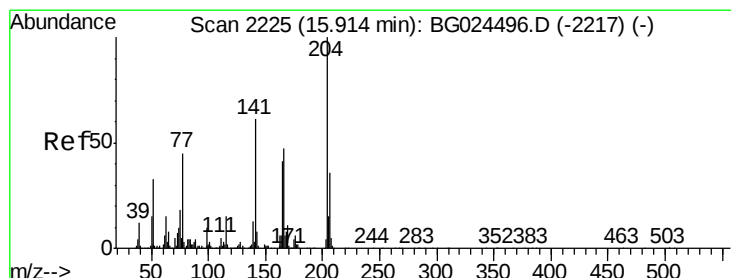
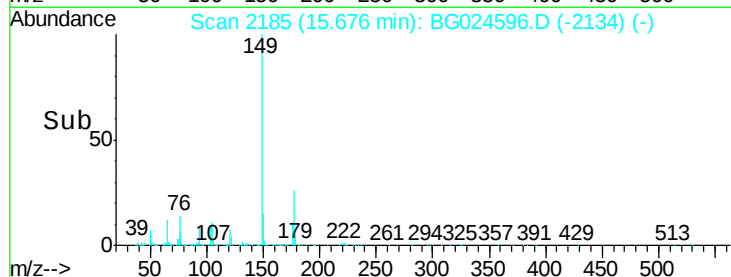
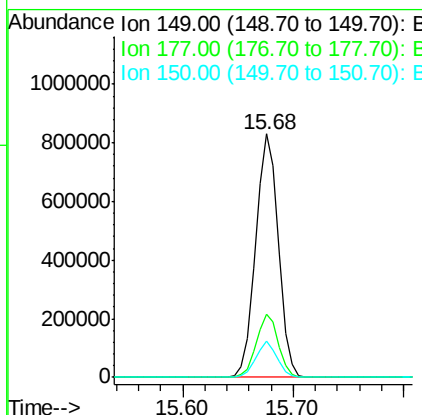
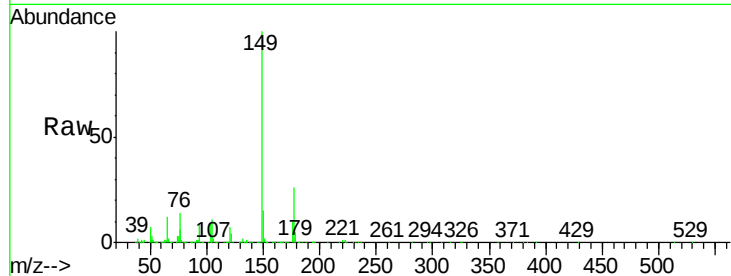
#59
Diethylphthalate
Concen: 42.90 ng
RT: 15.68 min Scan# 2185
Delta R.T. -0.00 min
Lab File: BG024596.D
Acq: 1 Nov 2016 17:14

Instrument :
BNA_G
ClientSampled :
PB94460BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	25.9	20.1	30.1
150	14.7	10.2	15.2

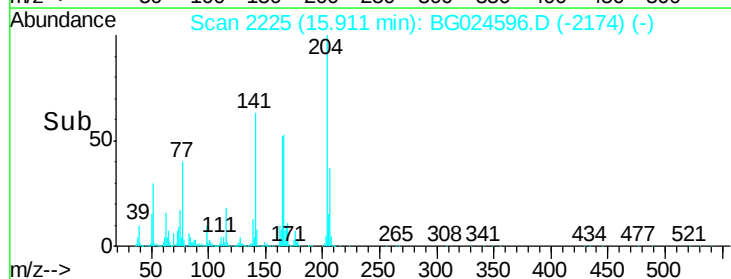
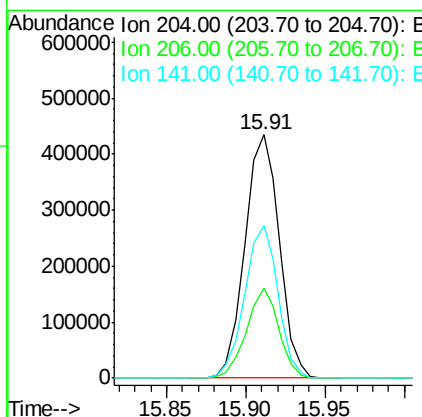
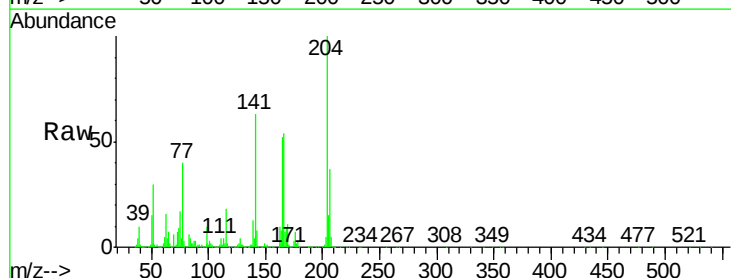
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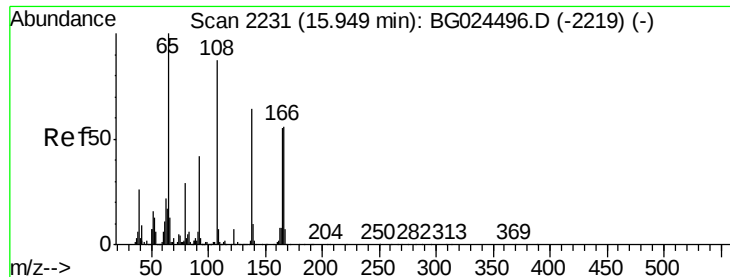
Umangi
11/2/2016 5:43:51 PM



#60
4-Chlorophenyl-phenylether
Concen: 45.03 ng
RT: 15.91 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BG024596.D
Acq: 1 Nov 2016 17:14

Tgt Ion	Ratio	Lower	Upper
204	100		
206	36.9	30.1	45.1
141	62.6	50.6	76.0





#61

4-Nitroaniline

Concen: 40.17 ng

RT: 15.95 min Scan# 2231

Delta R.T. -0.00 min

Lab File: BG024596.D

Acq: 1 Nov 2016 17:14

Instrument :

BNA_G

ClientSampleId :

PB94460BS

Tot Ion:138 Resp: 257356

Ion Ratio Lower Upper

138 100

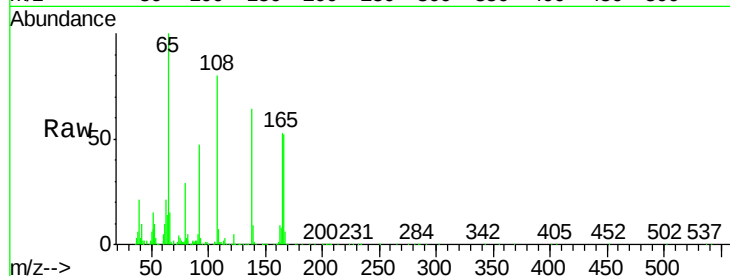
92 72.8 44.2 84.2

108 124.2 104.8 144.8

Manual Integrations
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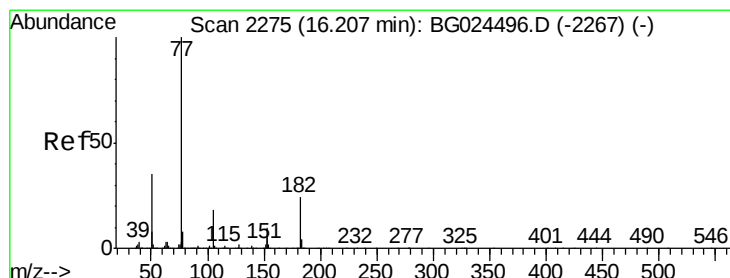
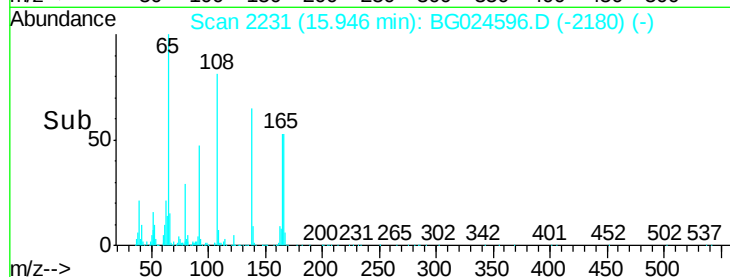
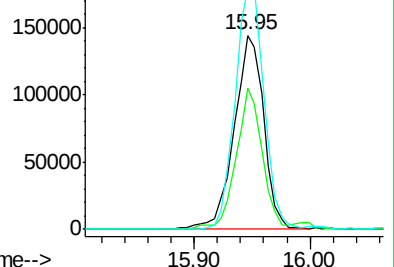
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 45.14 ng

RT: 16.20 min Scan# 2275

Delta R.T. -0.00 min

Lab File: BG024596.D

Acq: 1 Nov 2016 17:14

Tgt Ion: 77 Resp: 1252892

Ion Ratio Lower Upper

77 100

182 26.8 4.7 44.7

105 16.6 0.0 36.3

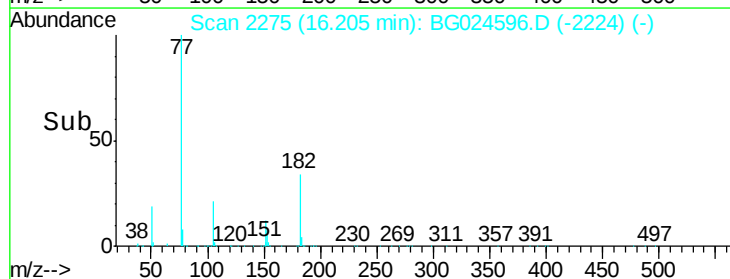
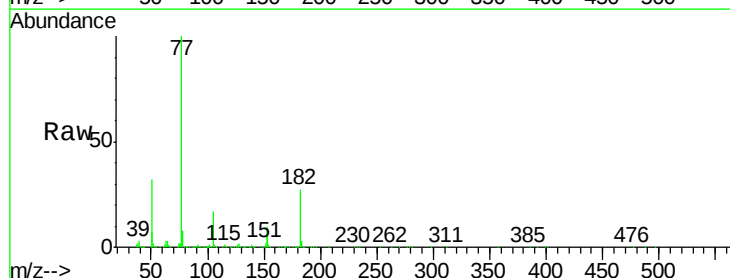
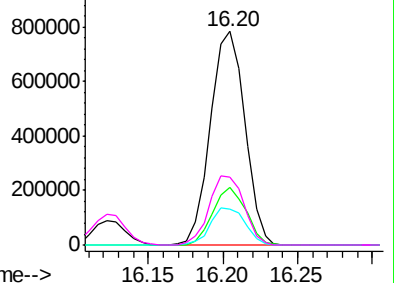
51 31.7 16.4 56.4

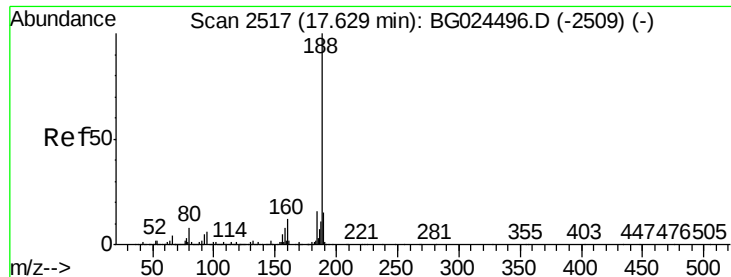
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.63 min Scan# 2517

Delta R.T. -0.00 min

Lab File: BG024596.D

Acq: 1 Nov 2016 17:14

Instrument :

BNA_G

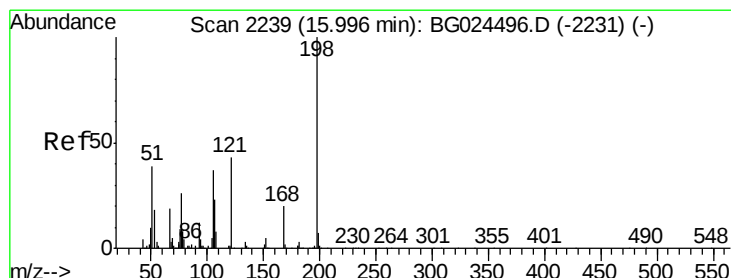
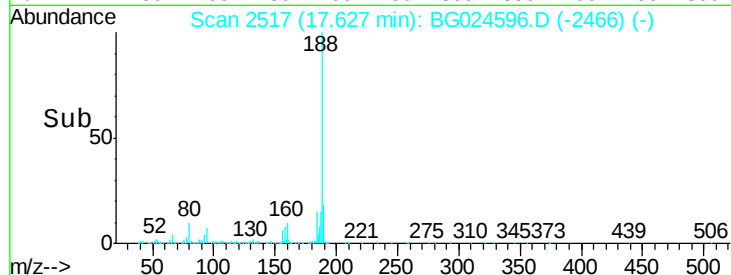
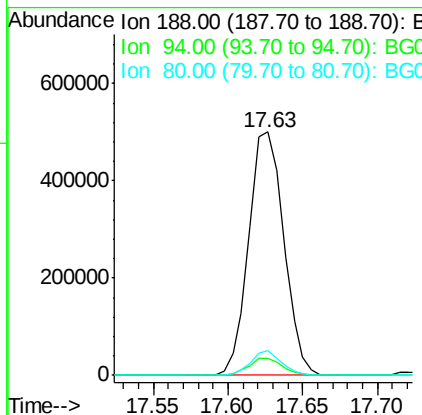
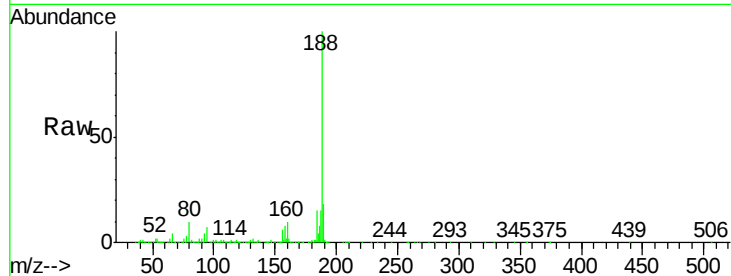
ClientSampleId :

PB94460BS

Tot Ion:	188	Resp:	813783
Ion Ratio	Lower	Upper	
188	100		
94	7.2	5.8	8.8
80	10.0	7.5	11.3

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#64

4,6-Dinitro-2-methylphenol

Concen: 42.62 ng

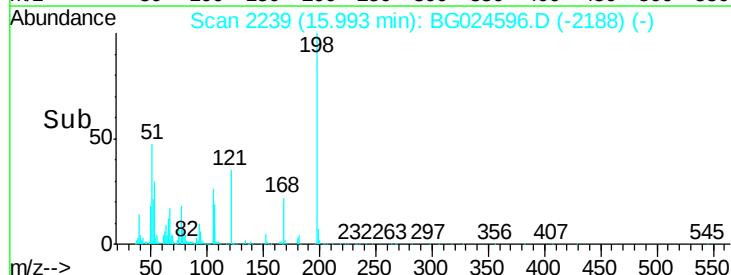
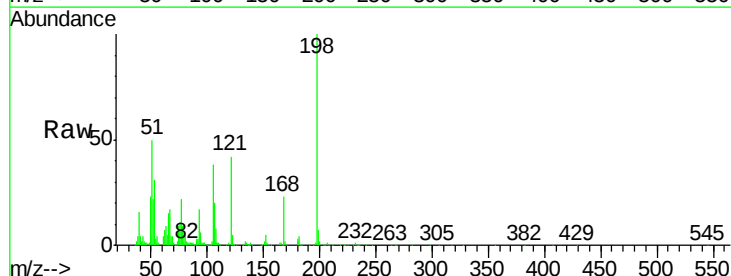
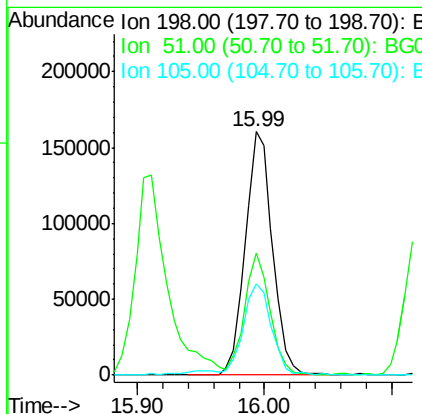
RT: 15.99 min Scan# 2239

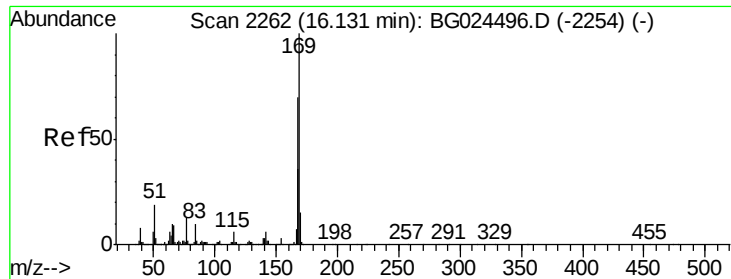
Delta R.T. -0.00 min

Lab File: BG024596.D

Acq: 1 Nov 2016 17:14

Tgt Ion:	198	Resp:	238933
Ion Ratio	Lower	Upper	
198	100		
51	49.9	22.6	62.6
105	37.7	14.4	54.4





#65

n-Nitrosodiphenylamine

Concen: 47.62 ng

RT: 16.13 min Scan# 2262

Delta R.T. -0.00 min

Lab File: BG024596.D

Acq: 1 Nov 2016 17:14

Instrument :

BNA_G

ClientSampleId :

PB94460BS

Tot Ion:169 Resp: 1059440

Ion Ratio Lower Upper

169 100

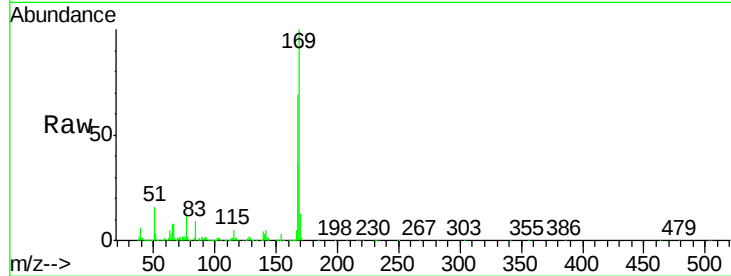
168 68.7 55.7 83.5

167 36.1 29.8 44.6

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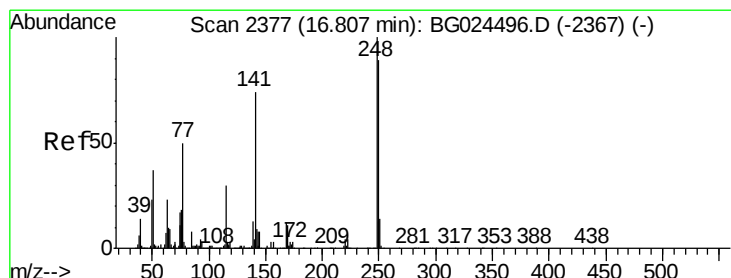
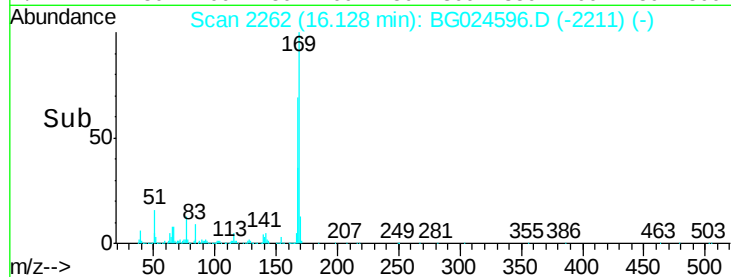
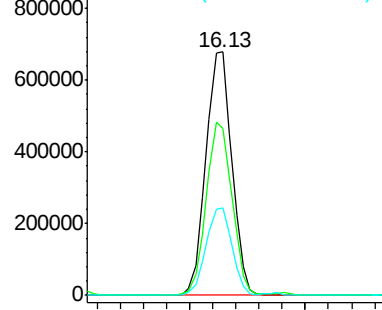
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 46.69 ng

RT: 16.80 min Scan# 2377

Delta R.T. -0.00 min

Lab File: BG024596.D

Acq: 1 Nov 2016 17:14

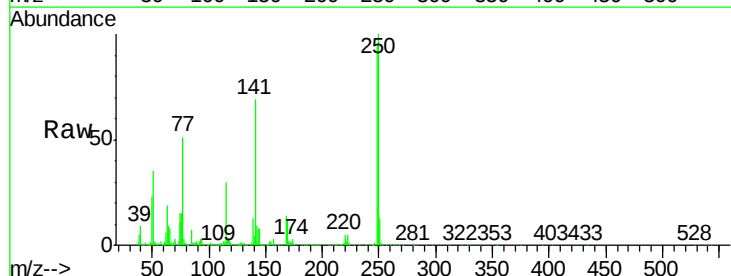
Tgt Ion:248 Resp: 461203

Ion Ratio Lower Upper

248 100

250 105.2 75.0 112.6

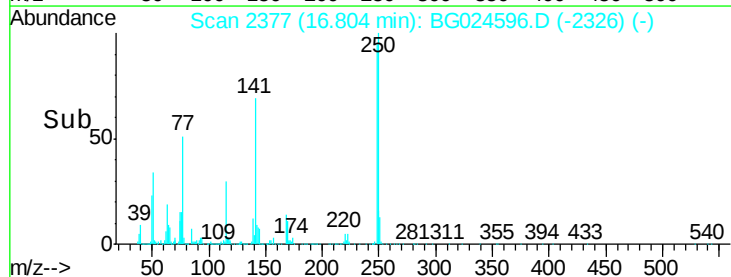
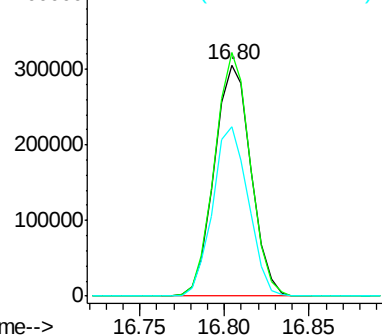
141 73.1 55.2 82.8

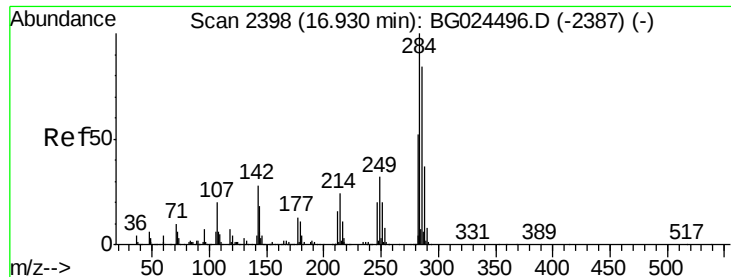


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 47.72 ng

RT: 16.92 min Scan# 2397

Delta R.T. -0.01 min

Lab File: BG024596.D

Acq: 1 Nov 2016 17:14

Instrument :

BNA_G

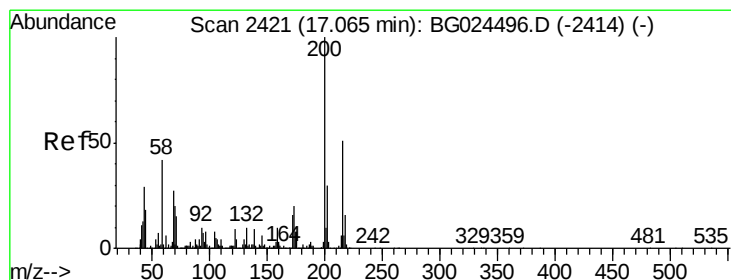
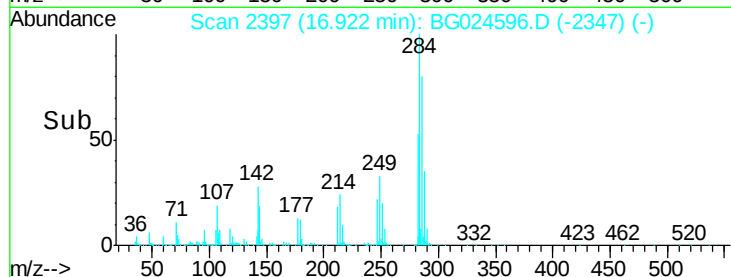
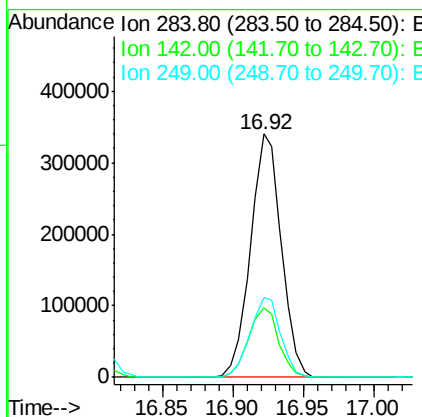
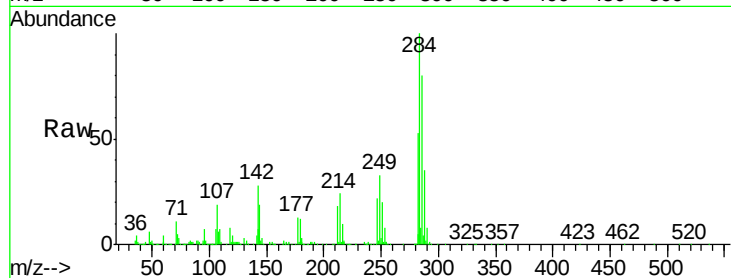
ClientSampleId :

PB94460BS

Tot Ion:	284	Resp:	520856
Ion Ratio		Lower	Upper
284	100		
142	28.4	29.9	44.9#
249	32.9	29.2	43.8

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#68

Atrazine

Concen: 48.89 ng

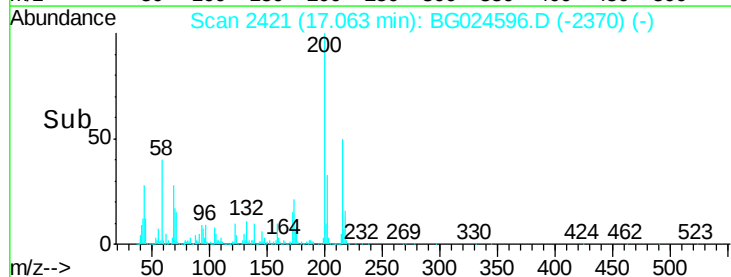
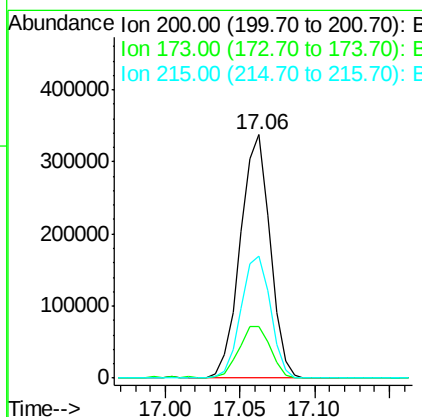
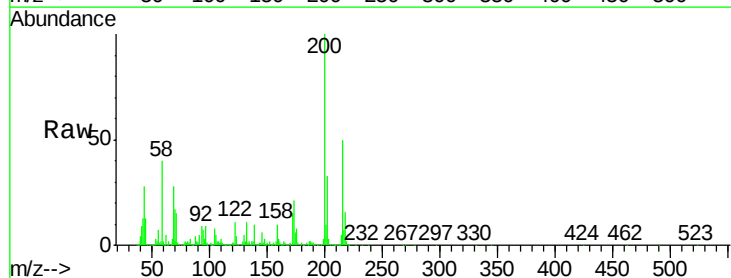
RT: 17.06 min Scan# 2421

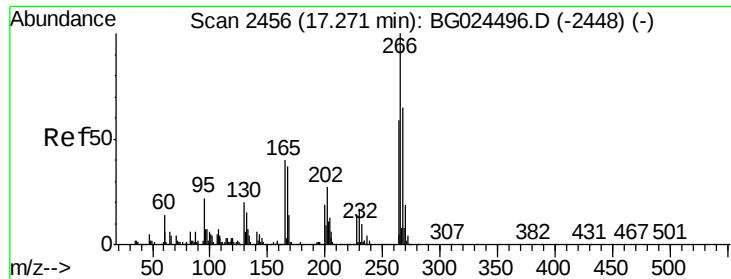
Delta R.T. -0.00 min

Lab File: BG024596.D

Acq: 1 Nov 2016 17:14

Tgt Ion:	200	Resp:	466519
Ion Ratio		Lower	Upper
200	100		
173	21.1	3.0	43.0
215	50.2	28.4	68.4





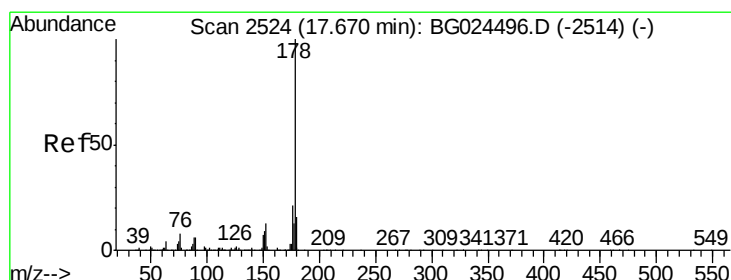
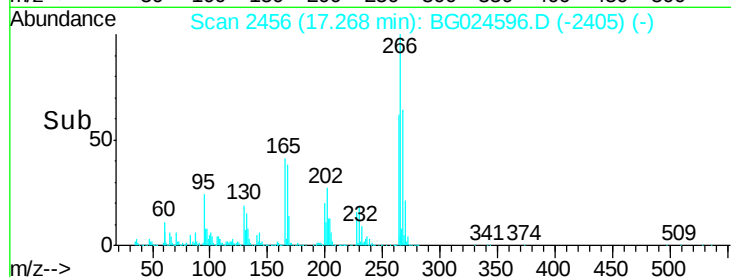
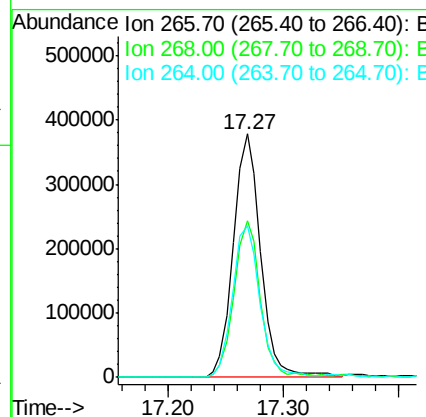
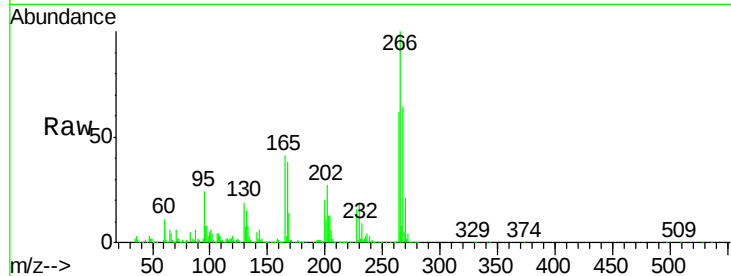
#69
 Pentachlorophenol
 Concen: 86.22 ng
 RT: 17.27 min Scan# 2456
 Delta R.T. -0.00 min
 Lab File: BG024596.D
 Acq: 1 Nov 2016 17:14

Instrument :
 BNA_G
 ClientSampleId :
 PB94460BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.3	48.6	72.8
264	62.3	50.1	75.1

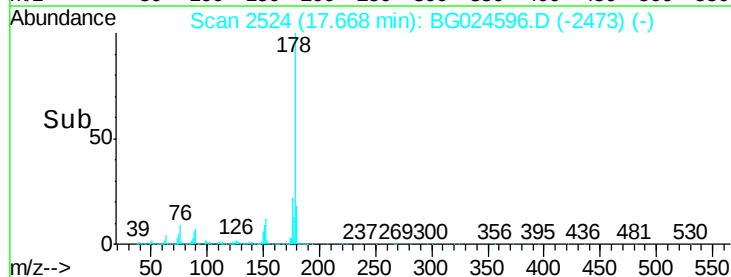
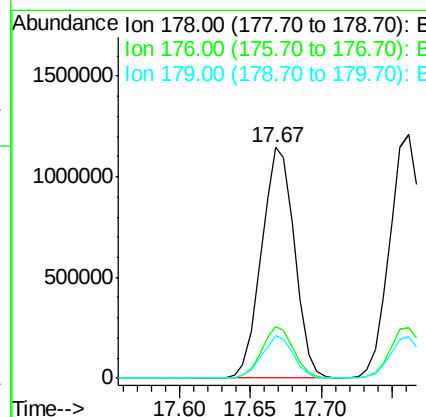
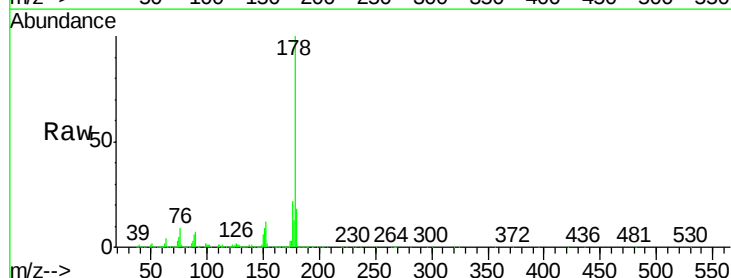
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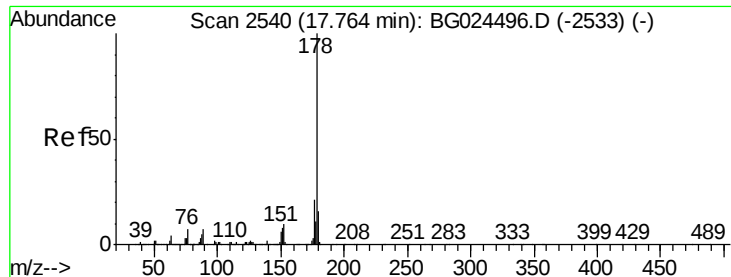
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#70
 Phenanthrene
 Concen: 45.18 ng
 RT: 17.67 min Scan# 2524
 Delta R.T. -0.00 min
 Lab File: BG024596.D
 Acq: 1 Nov 2016 17:14

Tgt Ion	Ratio	Lower	Upper
178	100		
176	22.3	17.7	26.5
179	18.3	15.0	22.6





#71

Anthracene

Concen: 46.37 ng

RT: 17.76 min Scan# 2540

Delta R.T. -0.00 min

Lab File: BG024596.D

Acq: 1 Nov 2016 17:14

Instrument :

BNA_G

ClientSampleId :

PB94460BS

Tot Ion:178 Resp: 1940492

Ion Ratio Lower Upper

178 100

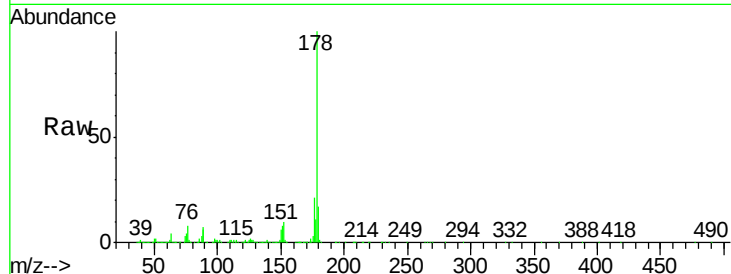
176 20.9 16.4 24.6

179 16.7 13.8 20.8

Manual Integrations
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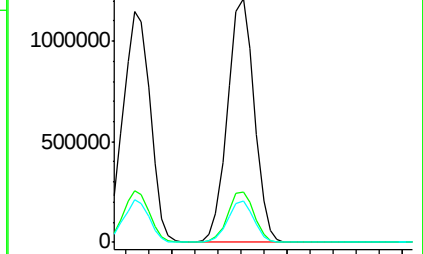
11/2/2016 5:43:51 PM



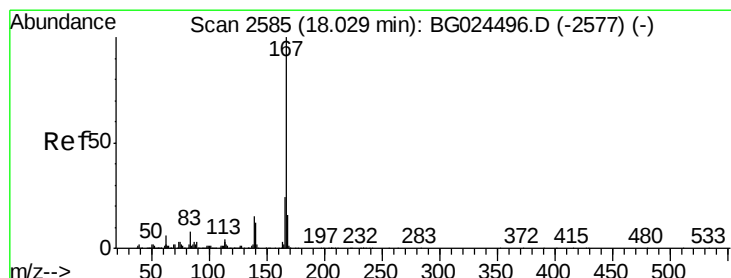
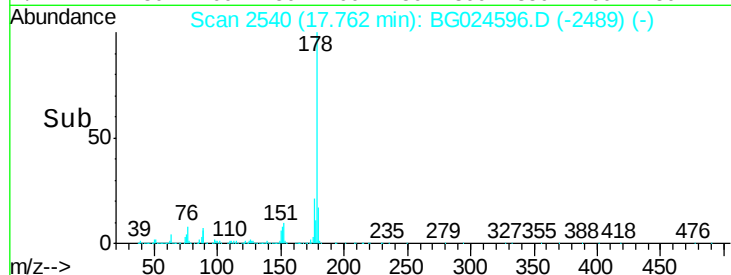
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#72

Carbazole

Concen: 45.03 ng

RT: 18.03 min Scan# 2585

Delta R.T. -0.00 min

Lab File: BG024596.D

Acq: 1 Nov 2016 17:14

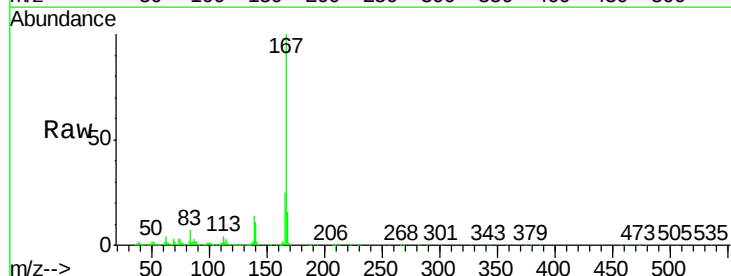
Tgt Ion:167 Resp: 1718672

Ion Ratio Lower Upper

167 100

166 25.2 20.2 30.2

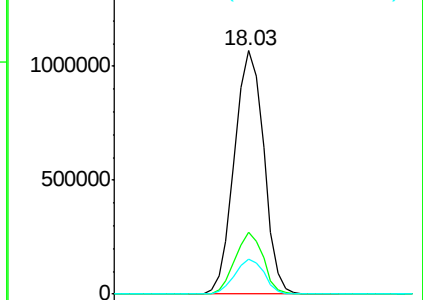
139 14.4 12.8 19.2



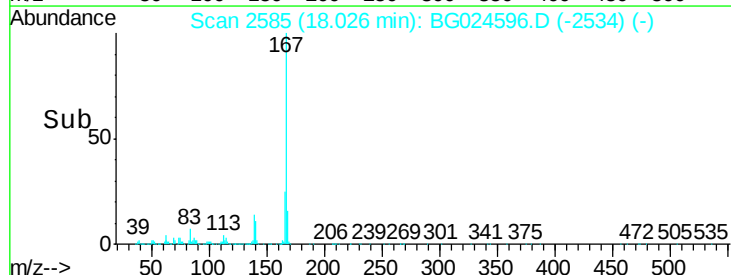
Abundance Ion 167.00 (166.70 to 167.70): E

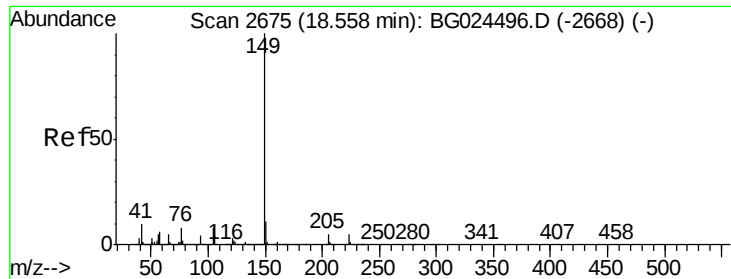
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->





#73

Di-n-butylphthalate

Concen: 44.29 ng

RT: 18.55 min Scan# 2675

Delta R.T. -0.00 min

Lab File: BG024596.D

Acq: 1 Nov 2016 17:14

Instrument :

BNA_G

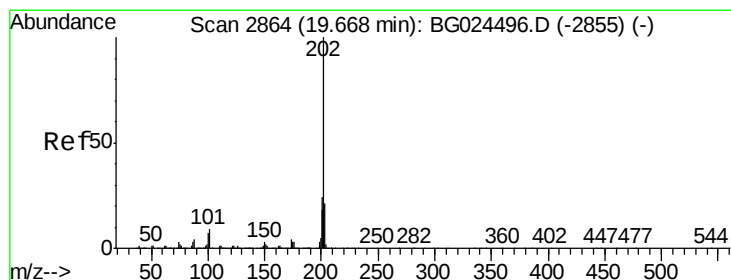
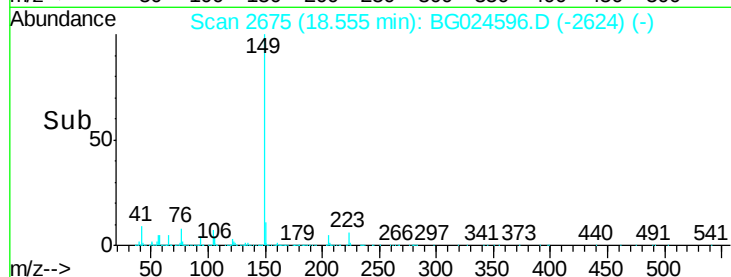
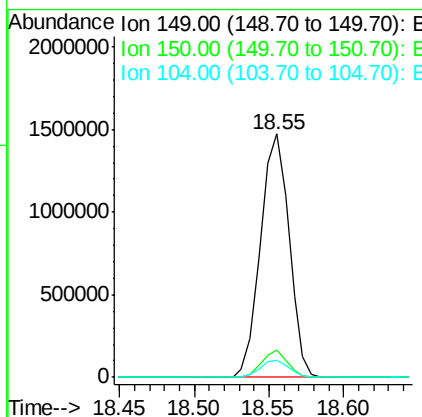
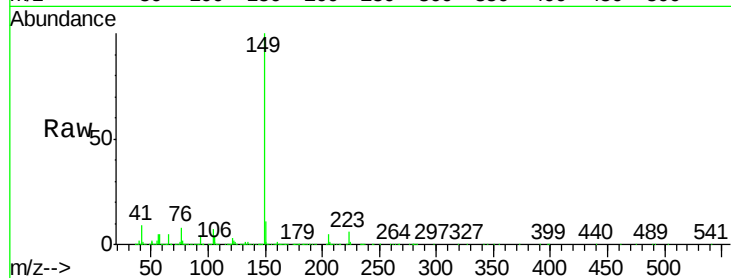
ClientSampleId :

PB94460BS

Tot Ion:	149	Resp:	1948917
Ion	Ratio	Lower	Upper
149	100		
150	11.1	9.1	13.7
104	7.3	6.7	10.1

Manual Integrations
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#74

Fluoranthene

Concen: 44.89 ng

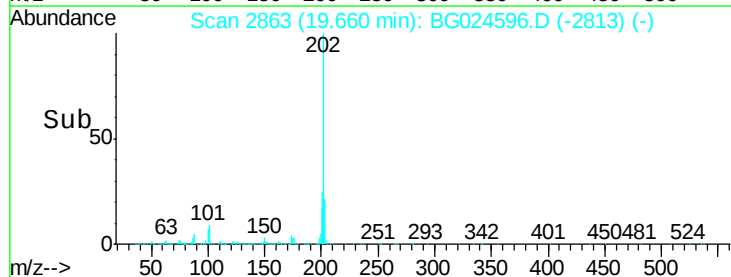
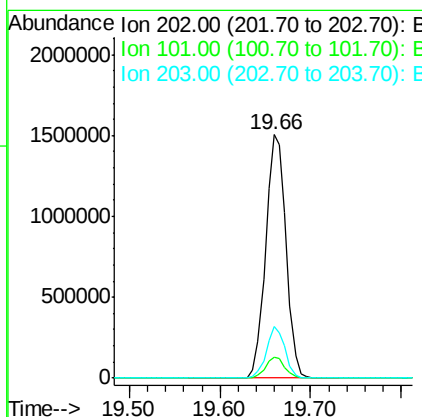
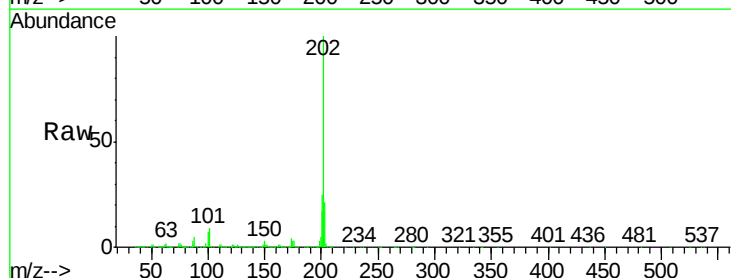
RT: 19.66 min Scan# 2863

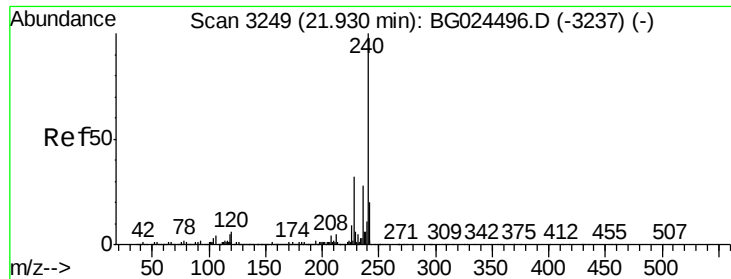
Delta R.T. -0.01 min

Lab File: BG024596.D

Acq: 1 Nov 2016 17:14

Tgt Ion:	202	Resp:	2354071
Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	30.1
203	21.4	1.3	41.3





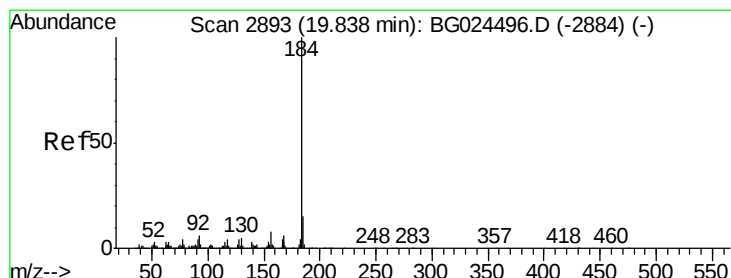
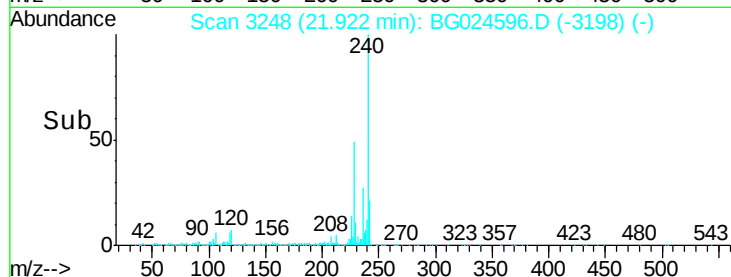
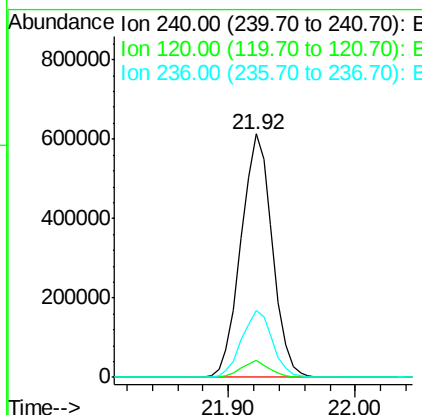
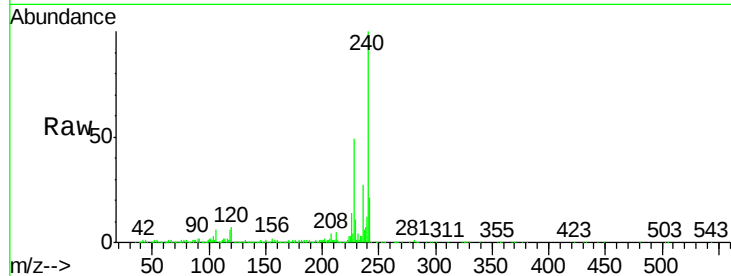
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.92 min Scan# 3248
Delta R.T. -0.01 min
Lab File: BG024596.D
Acq: 1 Nov 2016 17:14

Instrument :
BNA_G
ClientSampleId :
PB94460BS

Tot Ion:240 Resp: 1050633
Ion Ratio Lower Upper
240 100
120 6.8 5.7 8.5
236 27.5 22.2 33.4

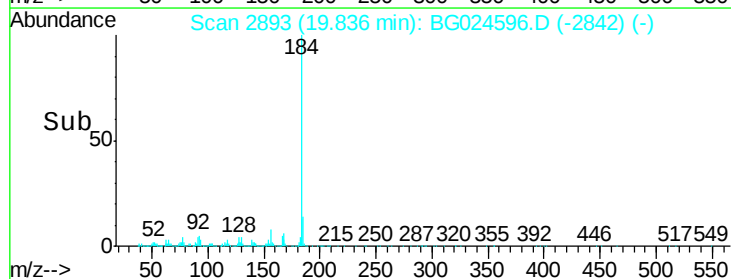
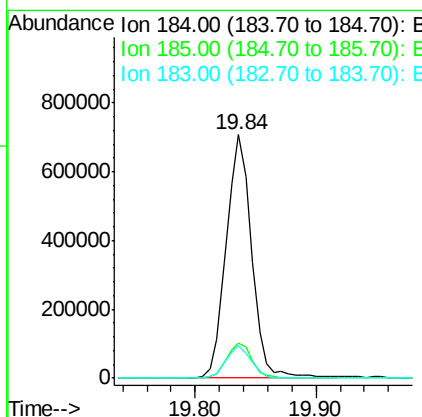
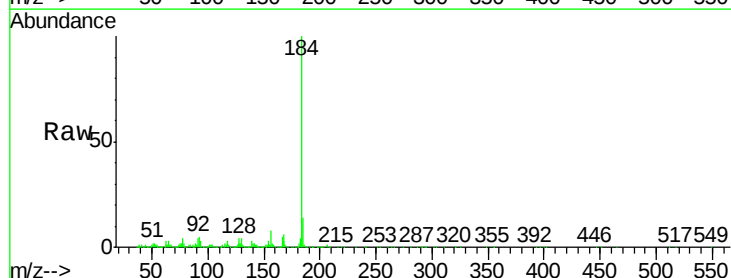
Manual Integrations
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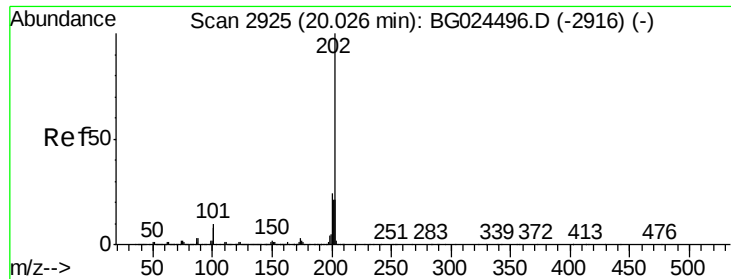
Umangi
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#76
Benzidine
Concen: 41.99 ng
RT: 19.84 min Scan# 2893
Delta R.T. -0.00 min
Lab File: BG024596.D
Acq: 1 Nov 2016 17:14

Tgt Ion:184 Resp: 1039344
Ion Ratio Lower Upper
184 100
185 14.4 13.0 19.6
183 13.2 11.0 16.6





#77

Pvrene

Concen: 45.87 ng

RT: 20.02 min Scan# 2925

Delta R.T. -0.00 min

Lab File: BG024596.D

Acq: 1 Nov 2016 17:14

Instrument :

BNA_G

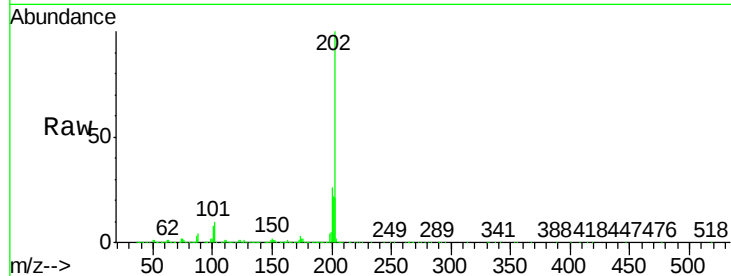
ClientSampleId :

PB94460BS

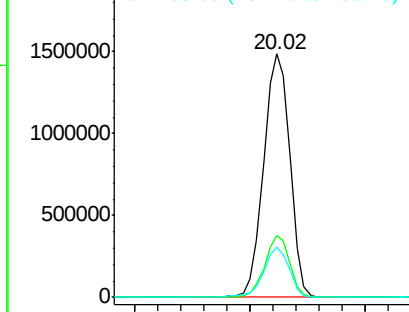
Tot Ion:	202	Resp:	2355803
Ion	Ratio	Lower	Upper
202	100		
200	25.5	19.6	29.4
203	20.9	15.8	23.8

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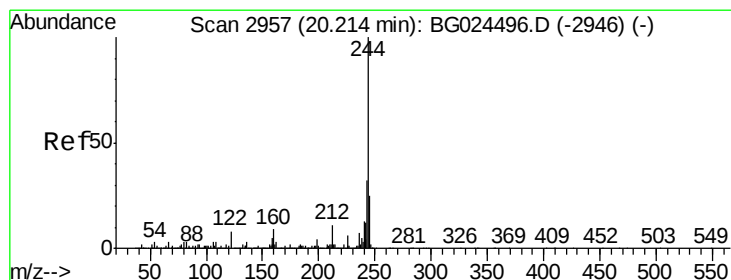
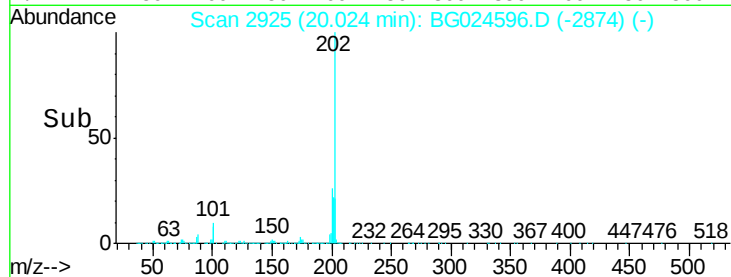
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Abundance Ion 202.00 (201.70 to 202.70): E
2000000
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



Time--> 19.90 20.00 20.10



#78

Terphenyl-d14

Concen: 87.04 ng

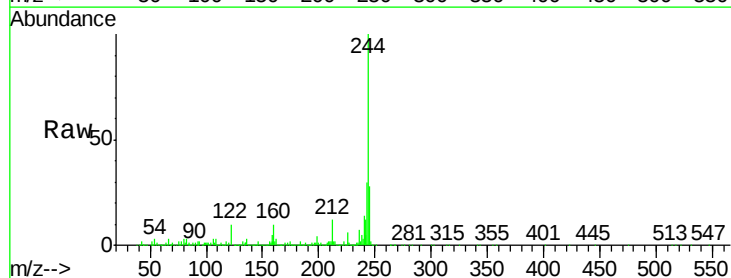
RT: 20.21 min Scan# 2956

Delta R.T. -0.01 min

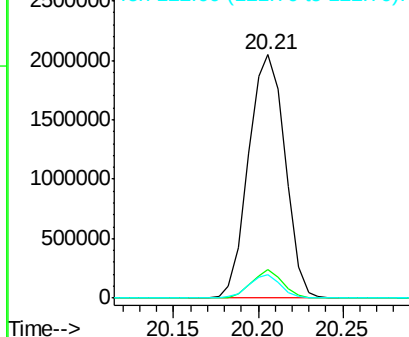
Lab File: BG024596.D

Acq: 1 Nov 2016 17:14

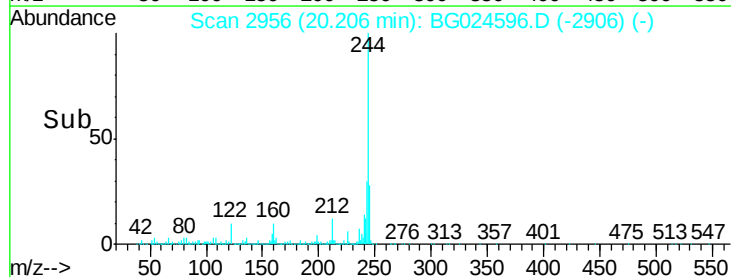
Tgt Ion:	244	Resp:	3060416
Ion	Ratio	Lower	Upper
244	100		
212	11.9	10.0	15.0
122	9.5	8.6	12.8

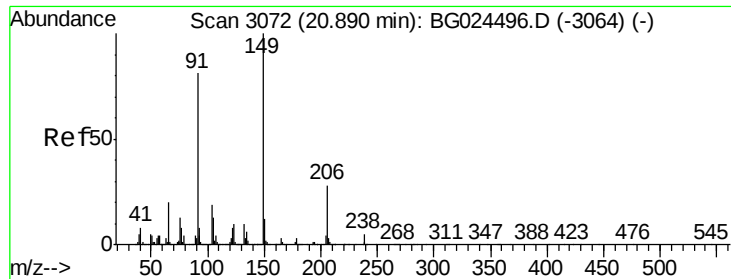


Abundance Ion 244.00 (243.70 to 244.70): E
2500000
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time--> 20.15 20.20 20.25





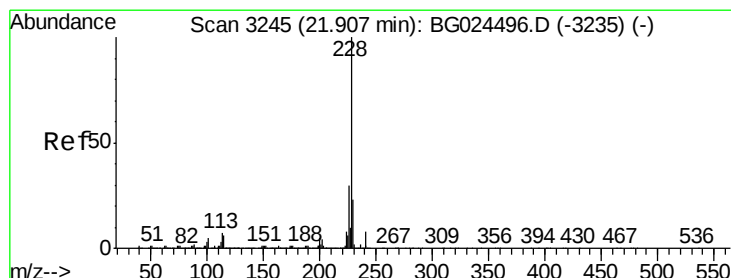
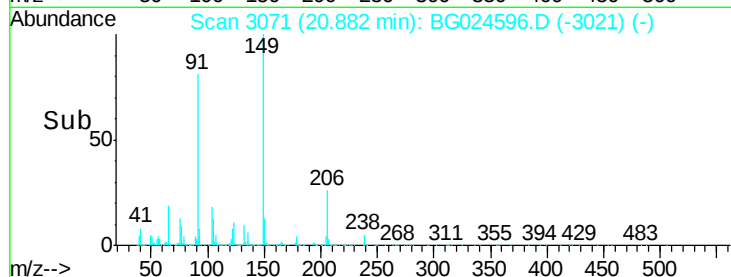
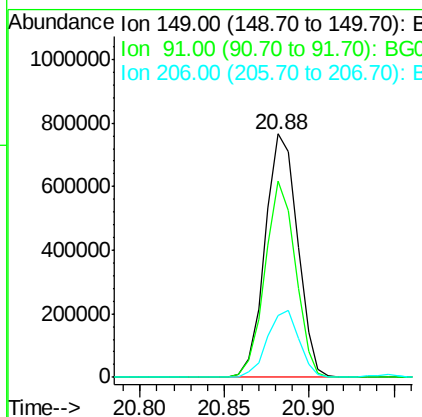
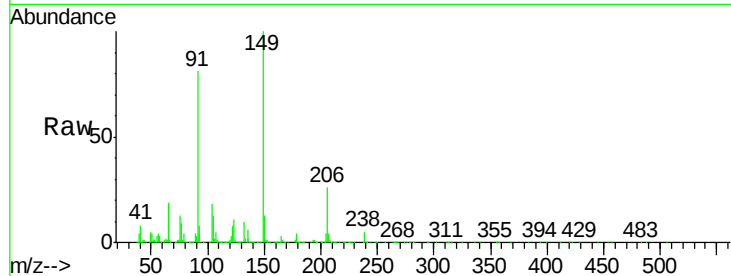
#79
Butylbenzylphthalate
Concen: 47.37 ng
RT: 20.88 min Scan# 3071
Delta R.T. -0.01 min
Lab File: BG024596.D
Acq: 1 Nov 2016 17:14

Instrument :
BNA_G
ClientSampled :
PB94460BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	80.9	63.5	95.3
206	25.6	21.0	31.6

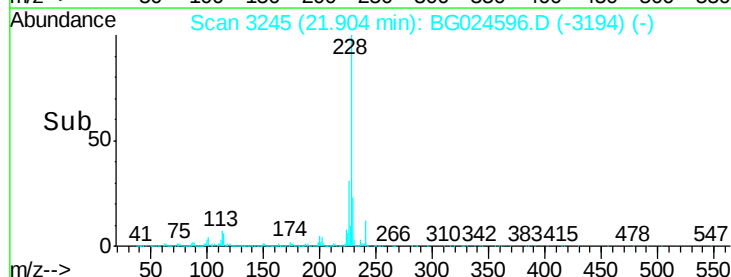
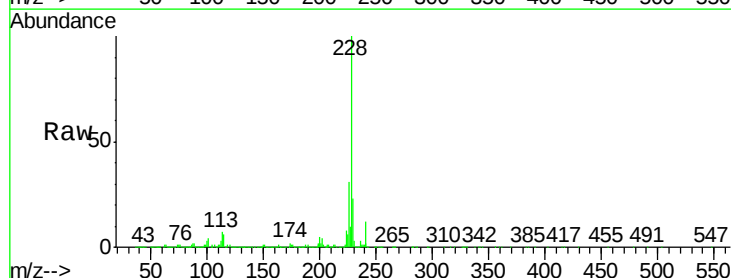
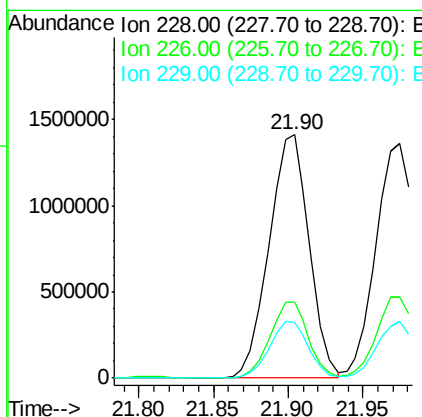
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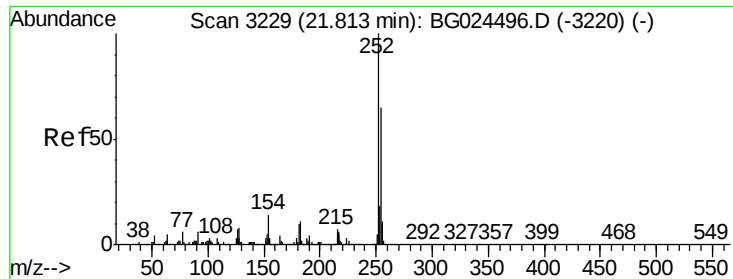
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#80
Benzo(a)anthracene
Concen: 45.75 ng
RT: 21.90 min Scan# 3245
Delta R.T. -0.00 min
Lab File: BG024596.D
Acq: 1 Nov 2016 17:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.9	37.3
229	23.0	18.2	27.2





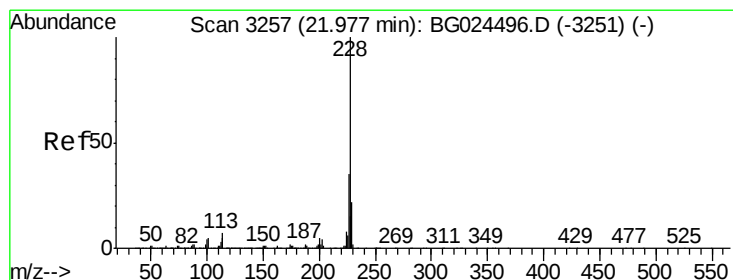
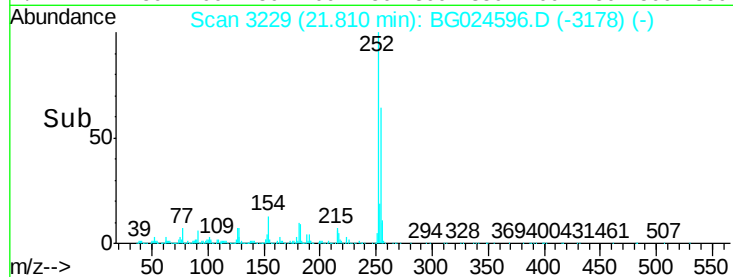
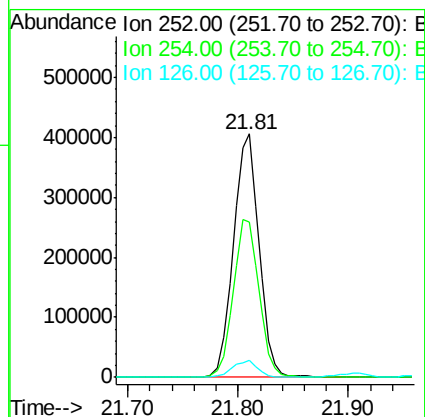
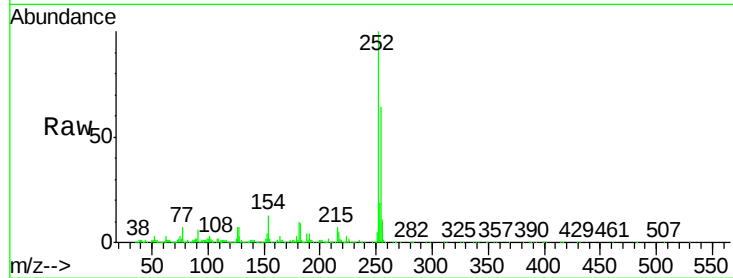
#81
 3,3'-Dichlorobenzidine
 Concen: 28.37 ng
 RT: 21.81 min Scan# 3229
 Delta R.T. -0.00 min
 Lab File: BG024596.D
 Acq: 1 Nov 2016 17:14

Instrument :
 BNA_G
 ClientSampled :
 PB94460BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.7	53.1	79.7
126	7.2	7.0	10.4

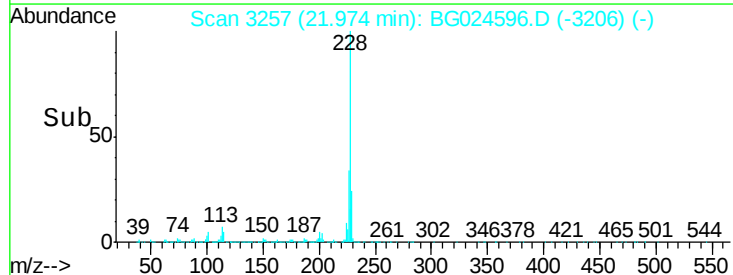
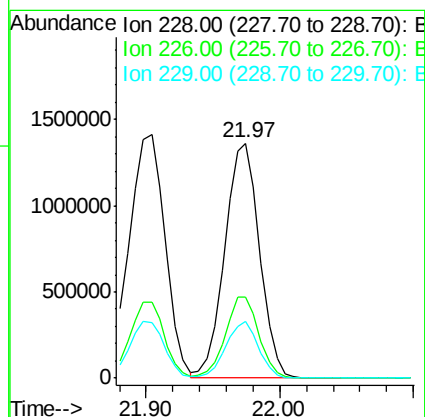
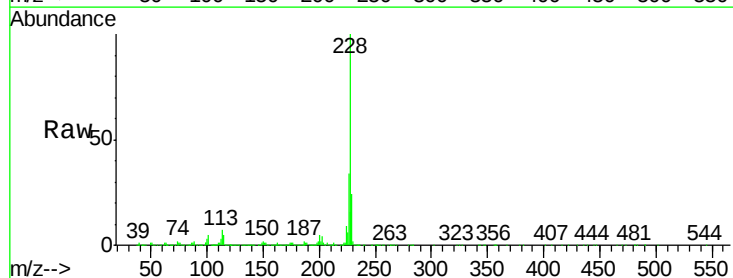
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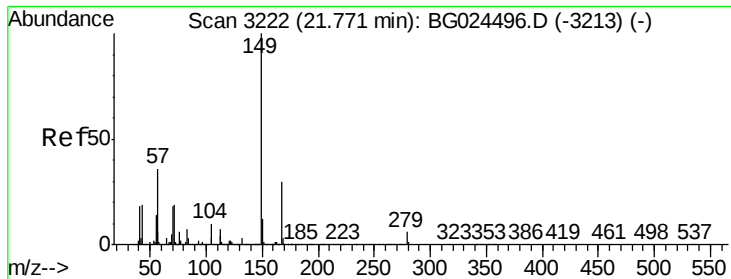
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#82
 Chrysene
 Concen: 45.03 ng
 RT: 21.97 min Scan# 3257
 Delta R.T. -0.00 min
 Lab File: BG024596.D
 Acq: 1 Nov 2016 17:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.3	27.0	40.4
229	24.2	17.8	26.6





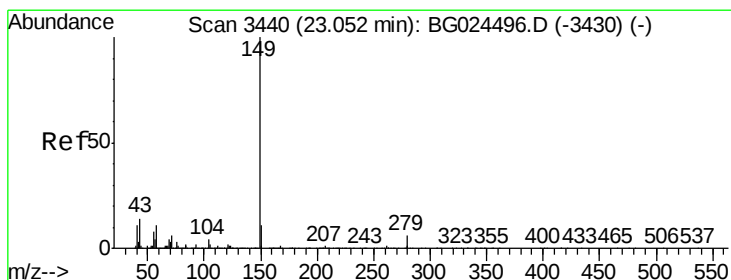
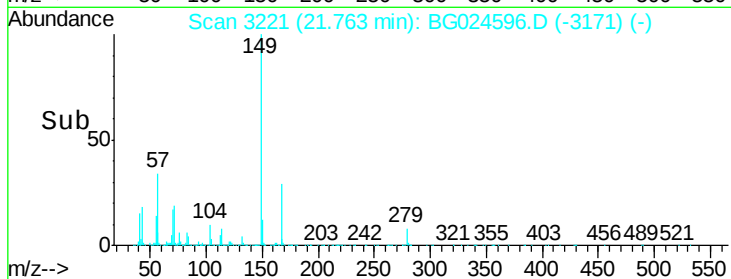
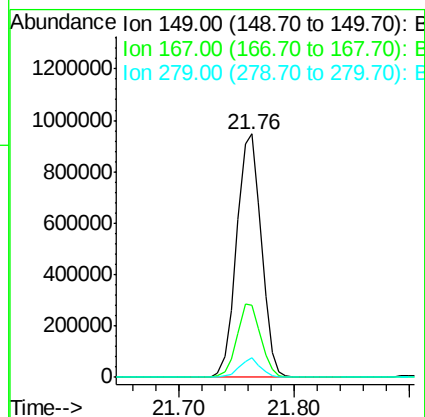
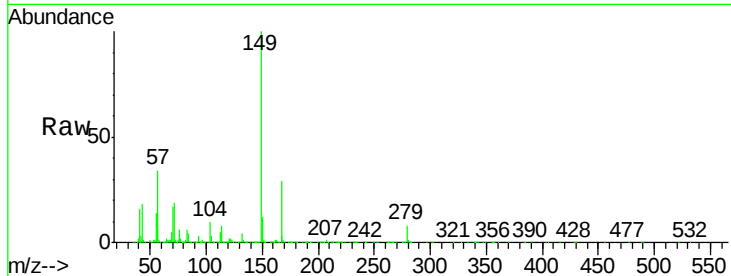
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.59 ng
 RT: 21.76 min Scan# 3221
 Delta R.T. -0.01 min
 Lab File: BG024596.D
 Acq: 1 Nov 2016 17:14

Instrument :
 BNA_G
 ClientSampleId :
 PB94460BS

Tot Ion:149 Resp: 1396528
 Ion Ratio Lower Upper
 149 100
 167 29.4 23.7 35.5
 279 7.8 4.6 6.8#

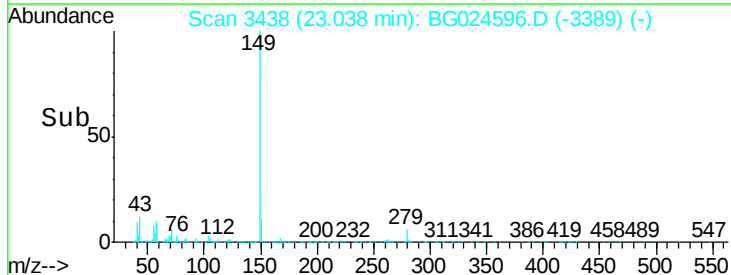
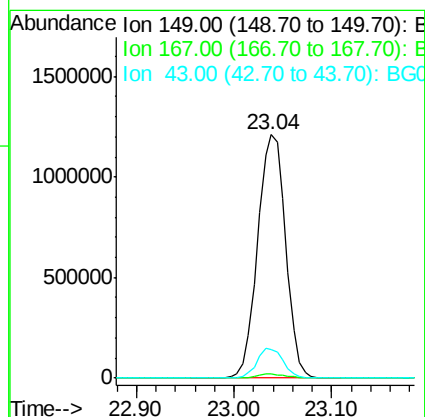
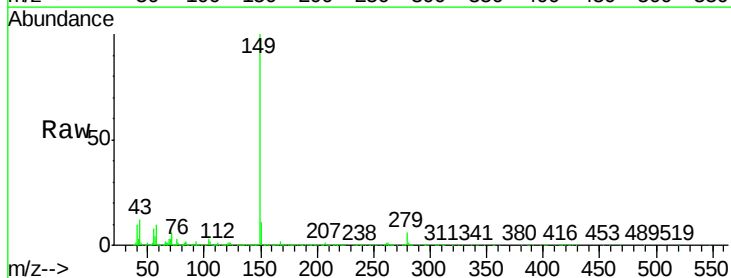
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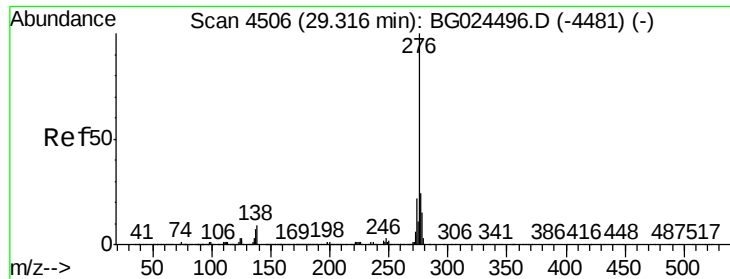
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#84
 Di-n-octyl phthalate
 Concen: 47.65 ng
 RT: 23.04 min Scan# 3438
 Delta R.T. -0.01 min
 Lab File: BG024596.D
 Acq: 1 Nov 2016 17:14

Tgt Ion:149 Resp: 2422153
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.4 2.2
 43 11.5 11.8 17.6#





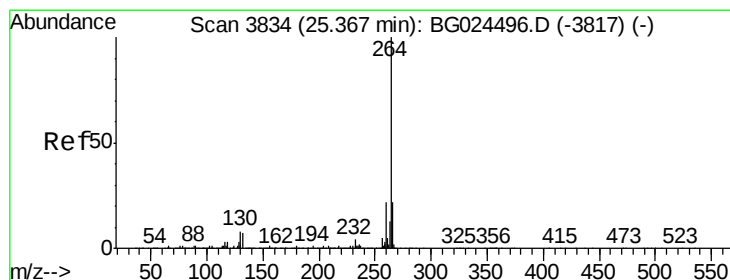
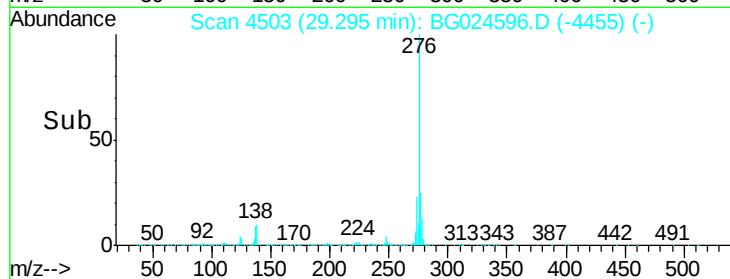
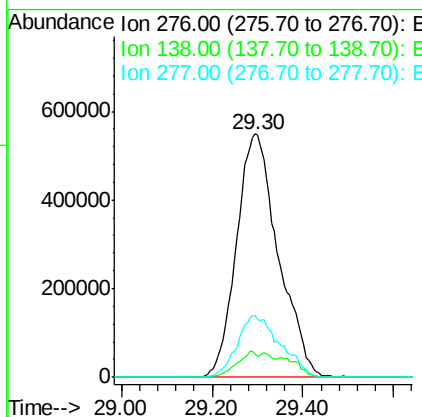
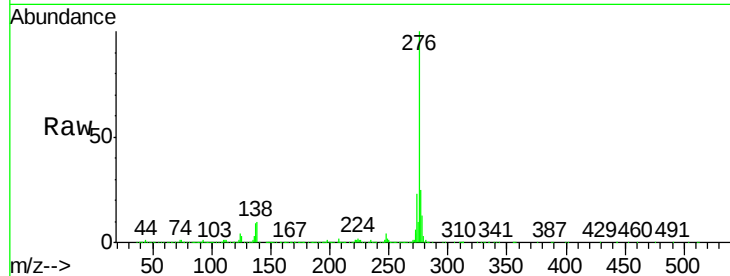
#85
Indeno(1,2,3-cd)pyrene
Concen: 46.20 ng
RT: 29.30 min Scan# 4503
Delta R.T. -0.02 min
Lab File: BG024596.D
Acq: 1 Nov 2016 17:14

Instrument :
BNA_G
ClientSampleId :
PB94460BS

Tot Ion:276 Resp: 3505692
Ion Ratio Lower Upper
276 100
138 5.4 4.7 7.1
277 26.2 20.6 31.0

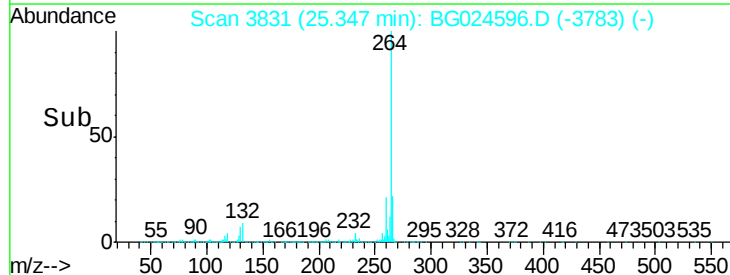
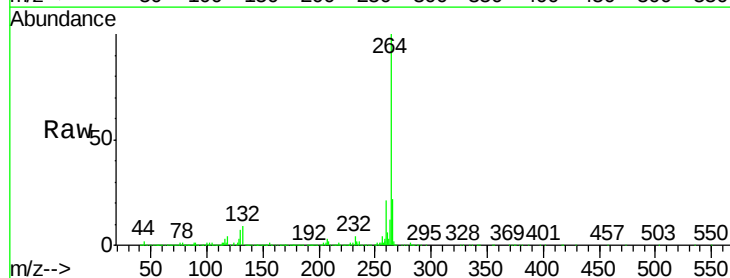
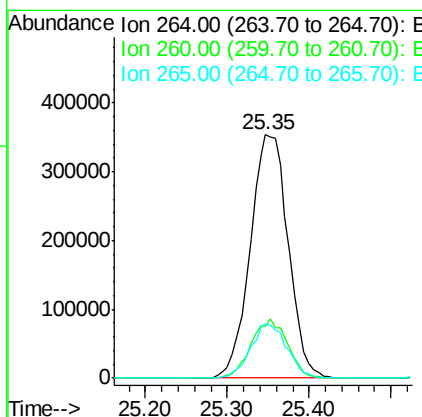
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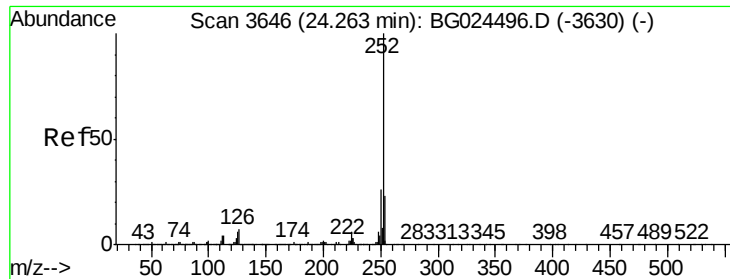
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#86
Perylene-d12
Concen: 20.00 ng
RT: 25.35 min Scan# 3831
Delta R.T. -0.02 min
Lab File: BG024596.D
Acq: 1 Nov 2016 17:14

Tgt Ion:264 Resp: 1135145
Ion Ratio Lower Upper
264 100
260 21.4 21.8 32.8#
265 22.4 18.2 27.4





#87

Benzo(b)fluoranthene

Concen: 45.72 ng

RT: 24.25 min Scan# 3645

Delta R.T. -0.01 min

Lab File: BG024596.D

Acq: 1 Nov 2016 17:14

Instrument :

BNA_G

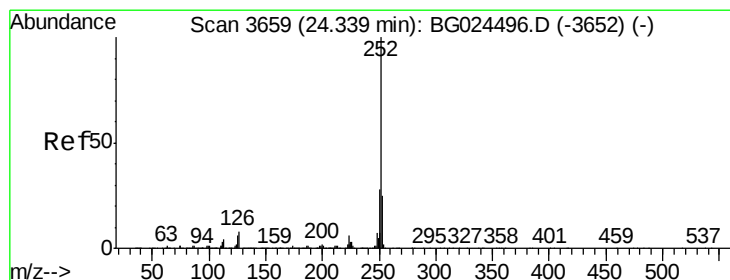
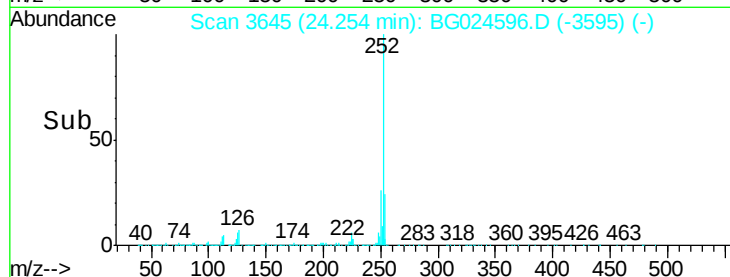
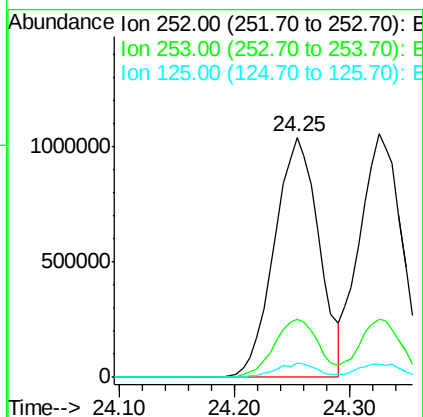
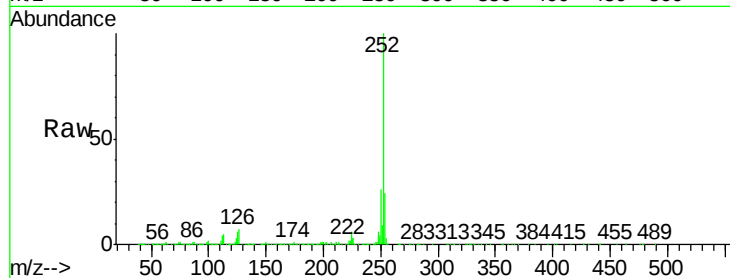
ClientSampleId :

PB94460BS

Tot Ion:	252	Resp:	2805202
Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.7	28.1
125	6.1	5.3	7.9

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 45.55 ng

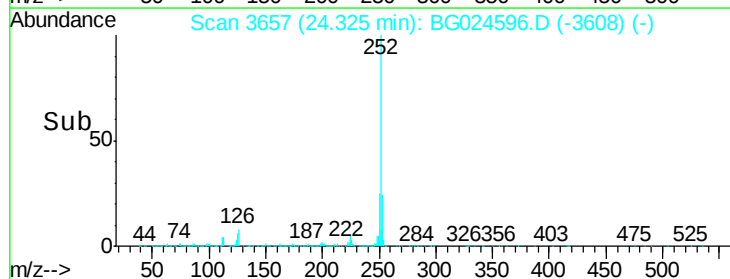
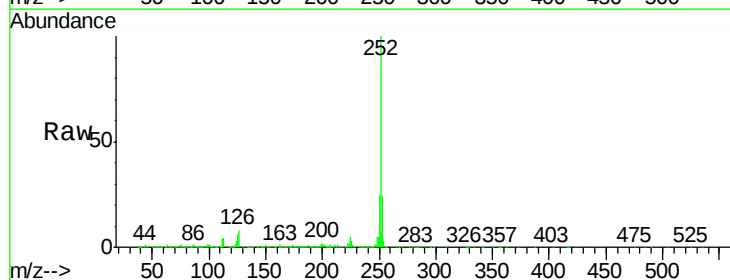
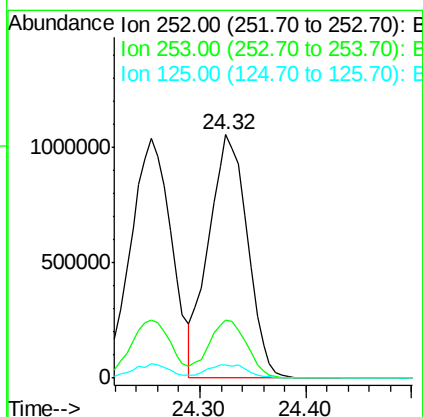
RT: 24.32 min Scan# 3657

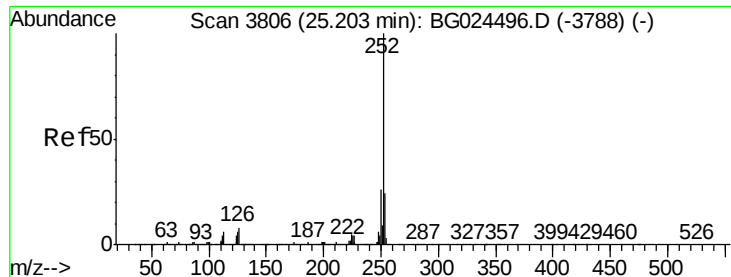
Delta R.T. -0.01 min

Lab File: BG024596.D

Acq: 1 Nov 2016 17:14

Tgt Ion:	252	Resp:	2699153
Ion	Ratio	Lower	Upper
252	100		
253	24.1	20.2	30.2
125	5.7	5.1	7.7





#89

Benzo(a)pyrene

Concen: 45.98 ng

RT: 25.19 min Scan# 3805

Delta R.T. -0.01 min

Lab File: BG024596.D

Acq: 1 Nov 2016 17:14

Instrument :

BNA_G

ClientSampleId :

PB94460BS

Tot Ion:252 Resp: 2756836

Ion Ratio Lower Upper

252 100

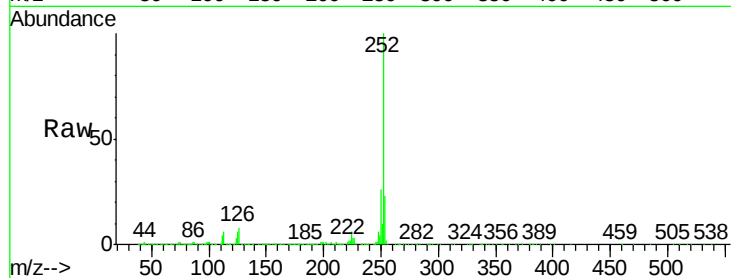
253 23.2 19.2 28.8

125 6.2 5.4 8.0

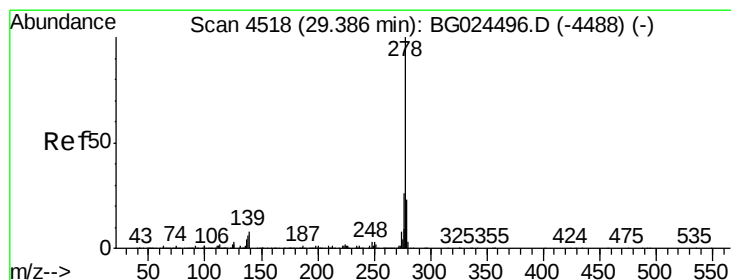
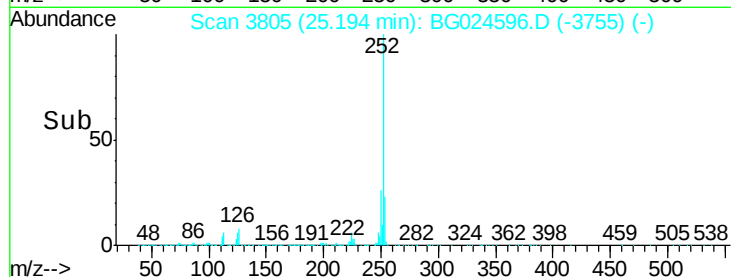
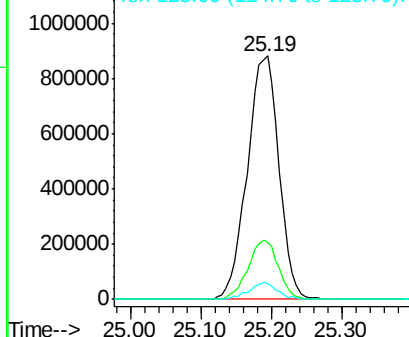
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 44.42 ng

RT: 29.36 min Scan# 4514

Delta R.T. -0.03 min

Lab File: BG024596.D

Acq: 1 Nov 2016 17:14

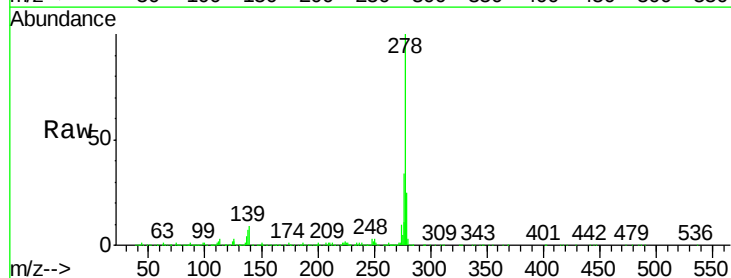
Tgt Ion:278 Resp: 2923281

Ion Ratio Lower Upper

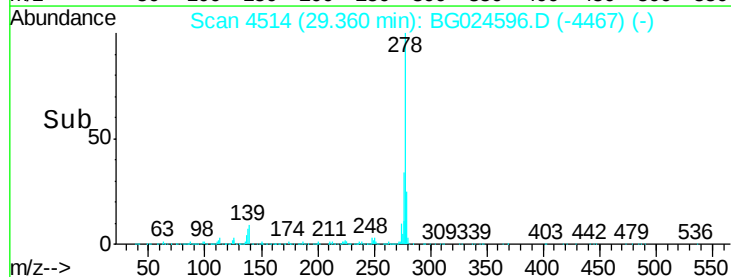
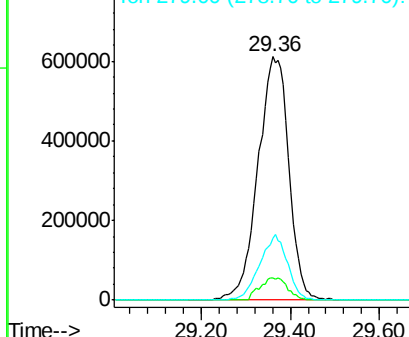
278 100

139 9.3 7.7 11.5

279 25.4 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: 44.39 ng
 RT: 30.54 min Scan# 4715
 Delta R.T. -0.03 min
 Lab File: BG024596.D
 Acq: 1 Nov 2016 17:14

Instrument :
 BNA_G
 ClientSampleId :
 PB94460BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.6	27.8
138	9.7	8.1	12.1

Manual Integrations
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