

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110116\
 Data File : BG024599.D
 Acq On : 1 Nov 2016 19:10
 Operator : UM/SJ
 Sample : PB94463BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB94463BS

Manual Integrations
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 11/2/2016 5:43:48 PM

Quant Time: Nov 02 03:59:13 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	116273	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	462194	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	349346	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	751810	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1041329	20.00	ng	0.00
86) Perylene-d12	25.35	264	1106044	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.80	112	936843	132.06	ng	0.00
7) Phenol-d6	7.41	99	1307992	134.41	ng	0.00
23) Nitrobenzene-d5	9.44	82	905973	89.25	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	705594	135.20	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1832977	87.21	ng	0.00
78) Terphenyl-d14	20.21	244	3030561	86.96	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.66	88	104590	36.09	ng	99
3) Pyridine	4.07	79	320522	36.94	ng	87
4) n-Nitrosodimethylamine	3.99	42	172814	38.47	ng	# 67
6) Aniline	7.59	93	249263	20.22	ng	95
8) 2-Chlorophenol	7.83	128	322046	44.65	ng	96
9) Benzaldehyde	7.40	77	59964	9.97	ng	97
10) Phenol	7.43	94	469048	46.76	ng	87
11) bis(2-Chloroethyl)ether	7.68	93	327073	43.40	ng	88
12) 1,3-Dichlorobenzene	8.15	146	371887	41.65	ng	98
13) 1,4-Dichlorobenzene	8.30	146	378496	42.92	ng	95
14) 1,2-Dichlorobenzene	8.62	146	359660	42.41	ng	96
15) Benzyl Alcohol	8.50	79	380690	42.05	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.80	45	556107	39.77	ng	95
17) 2-Methylphenol	8.70	107	302797	45.55	ng	97
18) Hexachloroethane	9.36	117	149755	44.17	ng	93
19) n-Nitroso-di-n-propylamine	9.07	70	311024	43.37	ng	89
20) 3+4-Methylphenols	9.02	107	414925	46.49	ng	93
22) Acetophenone	9.10	105	515912	43.45	ng	# 91
24) Nitrobenzene	9.49	77	461826	40.89	ng	99
25) Isophorone	10.00	82	806613	42.72	ng	98
26) 2-Nitrophenol	10.20	139	186491	44.49	ng	92
27) 2,4-Dimethylphenol	10.24	122	344354	46.93	ng	95
28) bis(2-Chloroethoxy)methane	10.48	93	464938	47.59	ng	93
29) 2,4-Dichlorophenol	10.73	162	354103	45.97	ng	99
30) 1,2,4-Trichlorobenzene	10.95	180	400723	43.86	ng	95
31) Naphthalene	11.15	128	977813	42.41	ng	98
32) Benzoic acid	10.36	122	156372	25.59	ng	93
33) 4-Chloroaniline	11.25	127	127921	12.78	ng	92
34) Hexachlorobutadiene	11.42	225	309640	43.30	ng	93
35) Caprolactam	12.02	113	117952m	41.83	ng	
36) 4-Chloro-3-methylphenol	12.34	107	409510	44.04	ng	99
37) 2-Methylnaphthalene	12.73	142	719309	42.76	ng	99
39) 1,2,4,5-Tetrachlorobenzene	13.09	216	509437	43.24	ng	99
40) Hexachlorocyclopentadiene	13.06	237	687481	103.61	ng	94

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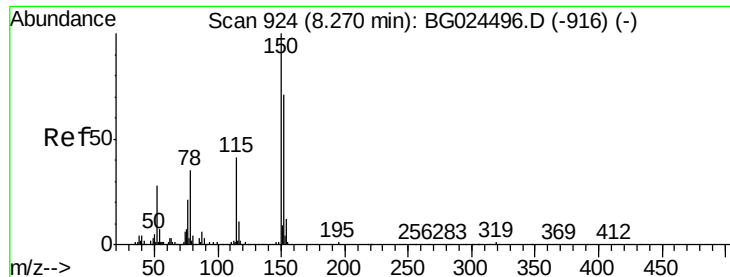
Manual Integrations
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Quant Time: Nov 02 03:59:13 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 11:14:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.33	196	322304	45.51	nq	97
43) 2,4,5-Trichlorophenol	13.40	196	334058	43.63	nq	94
45) 1,1'-Biphenyl	13.72	154	993421	40.98	nq	99
46) 2-Chloronaphthalene	13.77	162	815438	44.17	nq	98
47) 2-Nitroaniline	13.97	65	315848	41.79	nq	97
48) Acenaphthylene	14.61	152	1196065	42.25	nq	98
49) Dimethylphthalate	14.32	163	1070077	43.15	nq	99
50) 2,6-Dinitrotoluene	14.45	165	240505	45.43	nq	89
51) Acenaphthene	14.95	154	790202	37.44	nq	98
52) 3-Nitroaniline	14.78	138	106101	19.37	nq	95
53) 2,4-Dinitrophenol	14.99	184	253604	66.10	nq	96
54) Dibenzofuran	15.28	168	1257009	43.08	nq	98
55) 4-Nitrophenol	15.08	139	391730	82.07	nq	# 84
56) 2,4-Dinitrotoluene	15.24	165	346120	44.99	nq	93
57) Fluorene	15.93	166	1011747	41.82	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.50	232	364244	45.88	nq	93
59) Diethylphthalate	15.68	149	1074937	41.34	nq	99
60) 4-Chlorophenyl-phenylether	15.91	204	586294	43.19	nq	96
61) 4-Nitroaniline	15.95	138	233756	39.06	nq	92
62) Azobenzene	16.20	77	1117529	43.09	nq	95
64) 4,6-Dinitro-2-methylphenol	16.00	198	209196	40.39	nq	96
65) n-Nitrosodiphenylamine	16.12	169	940688	45.77	nq	99
66) 4-Bromophenyl-phenylether	16.80	248	423602	46.41	nq	96
67) Hexachlorobenzene	16.92	284	459902	45.60	nq	91
68) Atrazine	17.06	200	413537	46.91	nq	96
69) Pentachlorophenol	17.27	266	540872	81.28	nq	95
70) Phenanthrene	17.67	178	1684049	43.95	nq	97
71) Anthracene	17.76	178	1722642	44.56	nq	97
72) Carbazole	18.03	167	1556460	44.14	nq	97
73) Di-n-butylphthalate	18.55	149	1784841	43.90	nq	99
74) Fluoranthene	19.66	202	2164133	44.67	nq	98
76) Benzidine	19.84	184	815911	33.26	nq	97
77) Pyrene	20.02	202	2196324	43.15	nq	98
79) Butylbenzylphthalate	20.88	149	942551	44.41	nq	98
80) Benzo(a)anthracene	21.90	228	2486201	43.46	nq	100
81) 3,3'-Dichlorobenzidine	21.81	252	557689	24.16	nq	96
82) Chrysene	21.97	228	2372504	43.55	nq	99
83) Bis(2-ethylhexyl)phthalate	21.76	149	1315917	43.35	nq	# 99
84) Di-n-octyl phthalate	23.04	149	2257467	44.81	nq	# 93
85) Indeno(1,2,3-cd)pyrene	29.29	276	3287214	43.71	nq	99
87) Benzo(b)fluoranthene	24.25	252	2709072	45.31	nq	99
88) Benzo(k)fluoranthene	24.32	252	2545277m	44.08	nq	
89) Benzo(a)pyrene	25.19	252	2615661	44.77	nq	96
90) Dibenzo(a,h)anthracene	29.37	278	2778513	43.33	nq	# 97
91) Benzo(g,h,i)perylene	30.54	276	2742843	42.82	nq	99

(#) = 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: BG024599.D

Acq: 1 Nov 2016 19:10

Instrument :

BNA_G

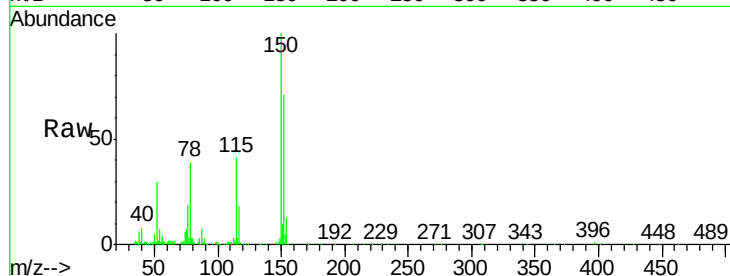
ClientSampled :

PB94463BS

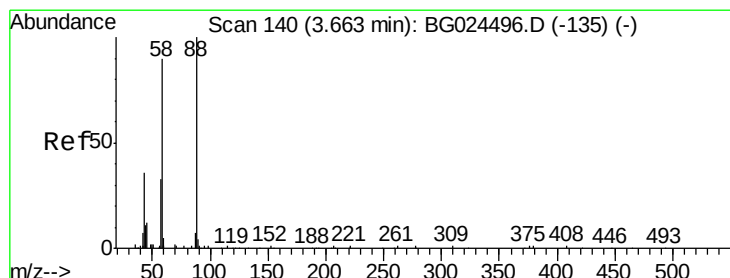
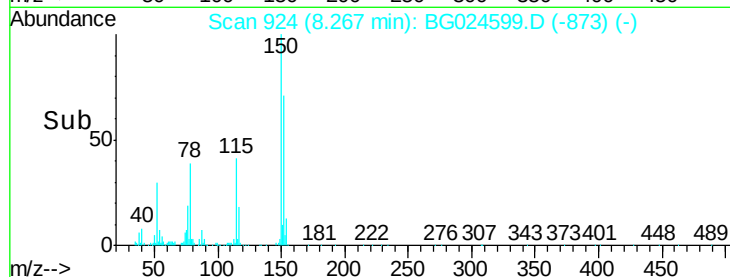
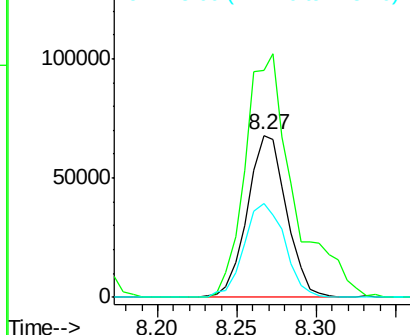
Tot Ion:	152	Resp:	116273
Ion	Ratio	Lower	Upper
152	100		
150	140.3	114.0	171.0
115	58.0	48.1	72.1

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



#2

1,4-Dioxane

Concen: 36.09 ng

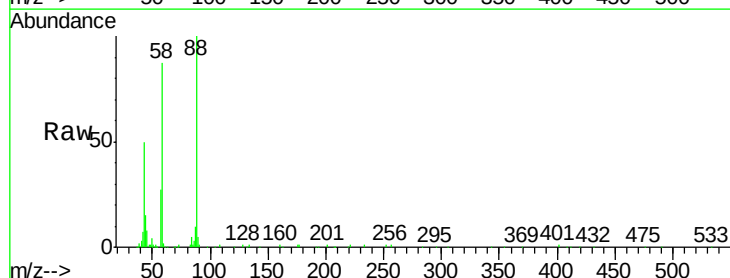
RT: 3.66 min Scan# 140

Delta R.T. -0.00 min

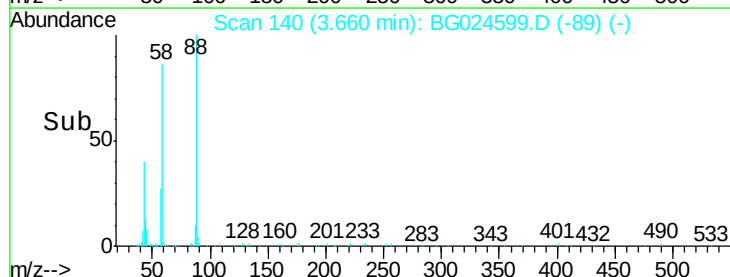
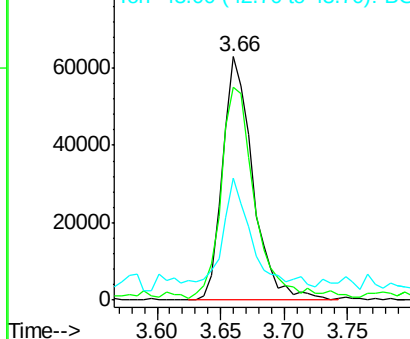
Lab File: BG024599.D

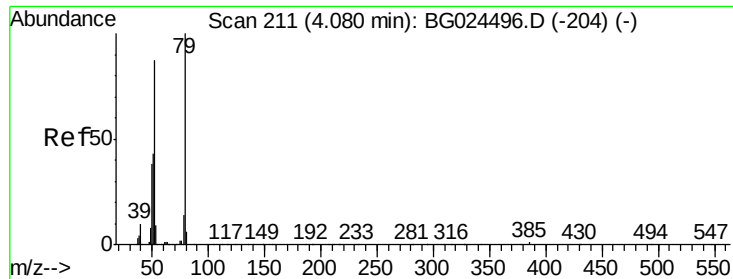
Acq: 1 Nov 2016 19:10

Tgt Ion:	88	Resp:	104590
Ion	Ratio	Lower	Upper
88	100		
58	97.9	79.4	119.2
43	41.8	33.8	50.6



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





#3

Pvridine

Concen: 36.94 ng

RT: 4.07 min Scan# 210

Delta R.T. -0.01 min

Lab File: BG024599.D

Acq: 1 Nov 2016 19:10

Instrument :

BNA_G

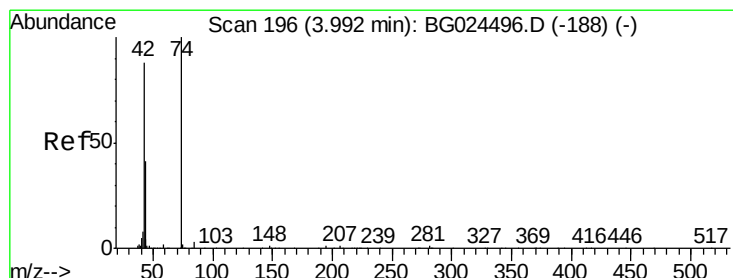
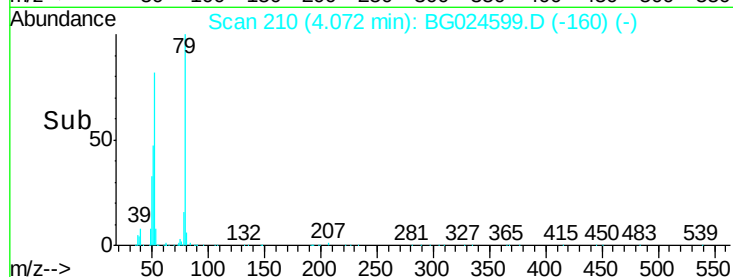
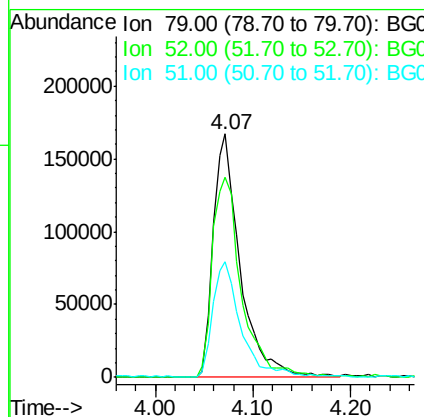
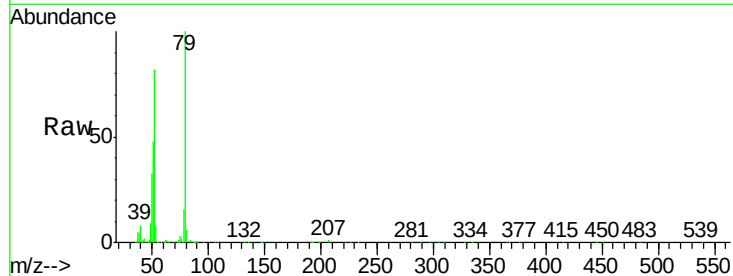
ClientSampleId :

PB94463BS

Tot Ion:	79	Resp:	320522
Ion	Ratio	Lower	Upper
79	100		
52	82.3	77.8	116.6
51	47.7	43.2	64.8

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#4

n-Nitrosodimethylamine

Concen: 38.47 ng

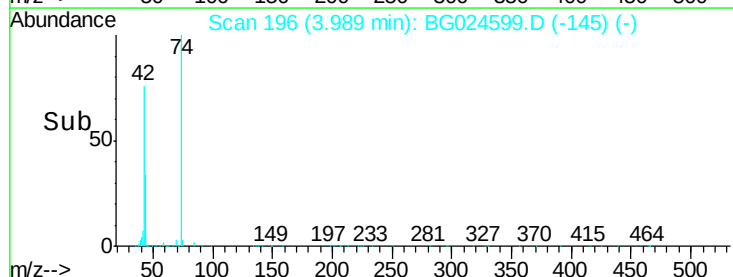
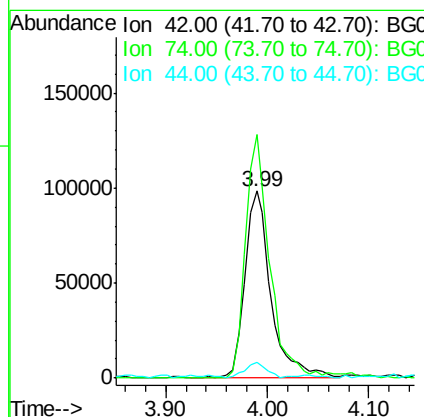
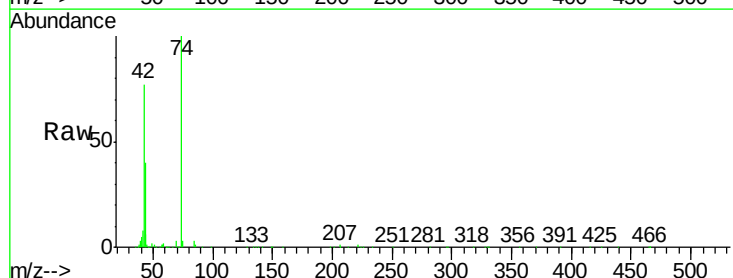
RT: 3.99 min Scan# 196

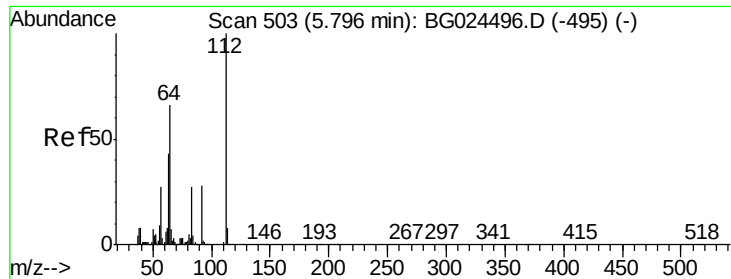
Delta R.T. -0.00 min

Lab File: BG024599.D

Acq: 1 Nov 2016 19:10

Tgt Ion:	42	Resp:	172814
Ion	Ratio	Lower	Upper
42	100		
74	130.4	76.7	115.1#
44	8.2	6.1	9.1





#5

2-Fluorophenol

Concen: 132.06 ng

RT: 5.80 min Scan# 504

Delta R.T. 0.00 min

Lab File: BG024599.D

Acq: 1 Nov 2016 19:10

Instrument :

BNA_G

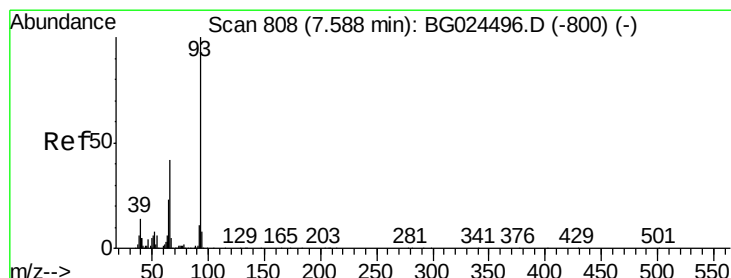
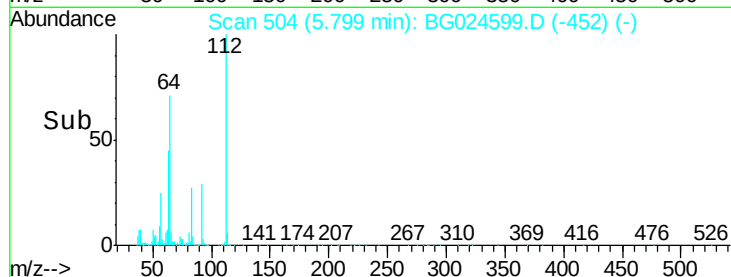
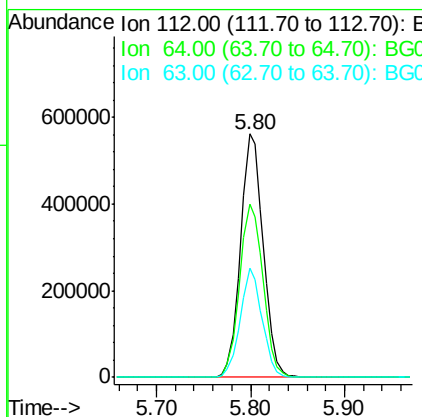
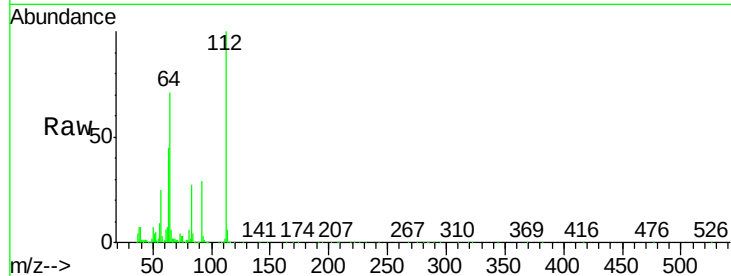
ClientSampleId :

PB94463BS

Tot Ion:	112	Resp:	936843
Ion Ratio	Lower	Upper	
112	100		
64	71.1	61.8	92.6
63	45.0	37.2	55.8

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#6

Aniline

Concen: 20.22 ng

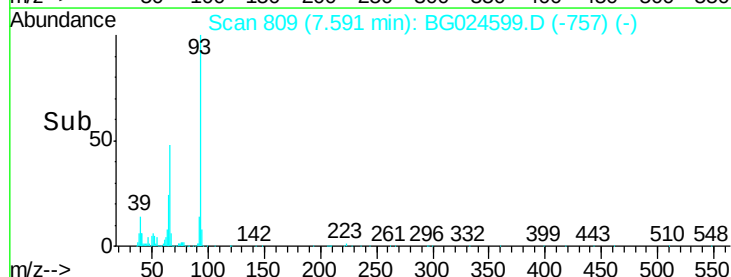
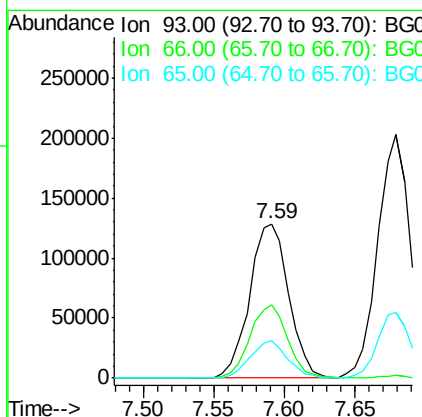
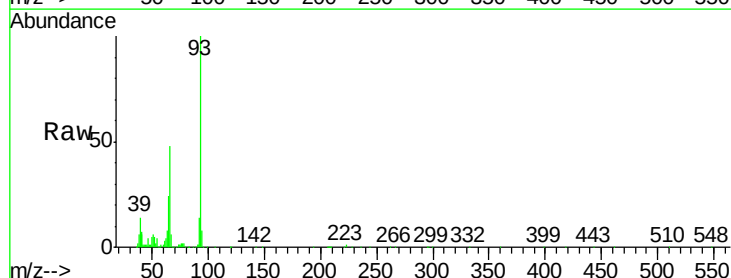
RT: 7.59 min Scan# 809

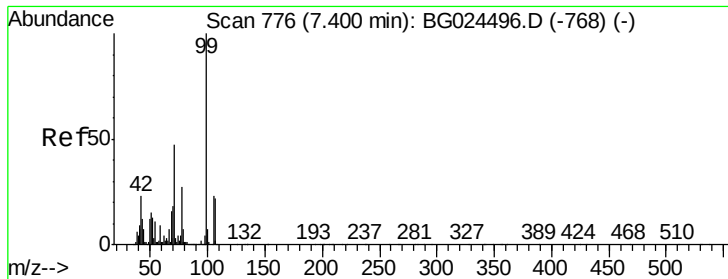
Delta R.T. 0.00 min

Lab File: BG024599.D

Acq: 1 Nov 2016 19:10

Tgt Ion:	93	Resp:	249263
Ion Ratio	Lower	Upper	
93	100		
66	47.5	35.4	53.2
65	24.3	21.2	31.8





#7

Phenol-d6

Concen: 134.41 ng

RT: 7.41 min Scan# 778

Delta R.T. 0.01 min

Lab File: BG024599.D

Acq: 1 Nov 2016 19:10

Instrument :

BNA_G

ClientSampleId :

PB94463BS

Tot Ion: 99 Resp: 1307992

Ion Ratio Lower Upper

99 100

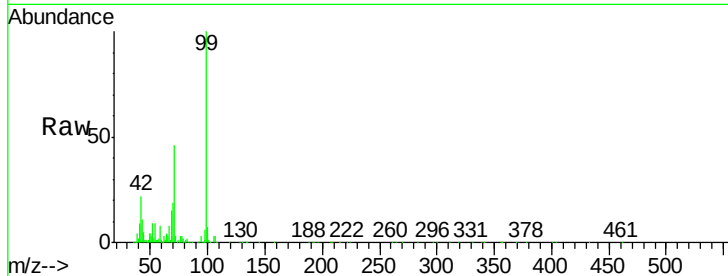
42 22.5 20.5 30.7

71 46.0 37.6 56.4

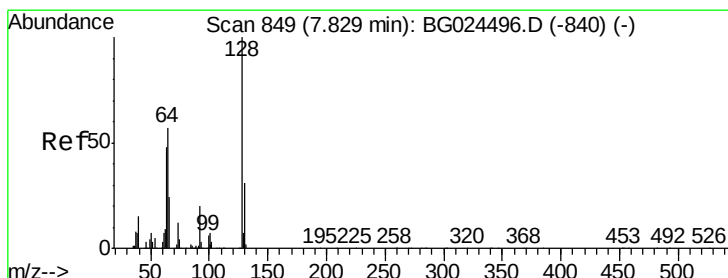
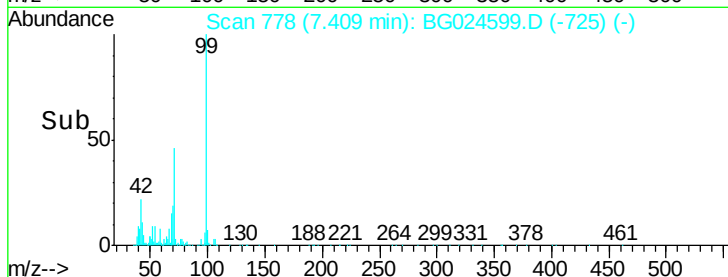
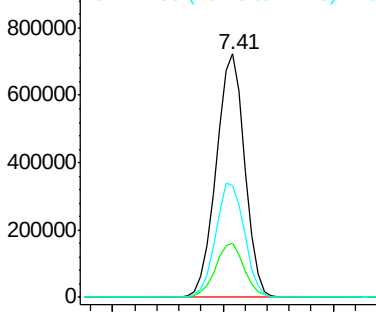
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 44.65 ng

RT: 7.83 min Scan# 849

Delta R.T. -0.00 min

Lab File: BG024599.D

Acq: 1 Nov 2016 19:10

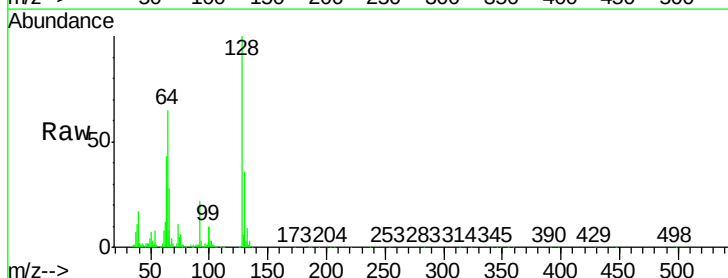
Tgt Ion: 128 Resp: 322046

Ion Ratio Lower Upper

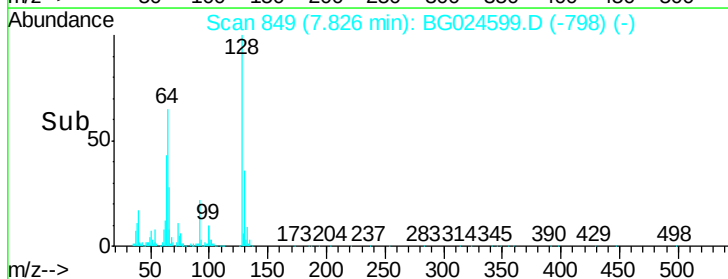
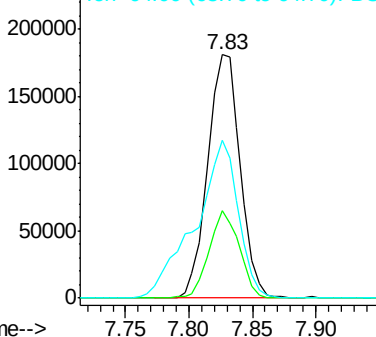
128 100

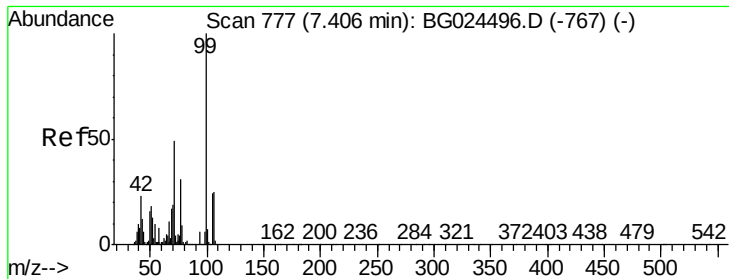
130 35.7 11.4 51.4

64 64.9 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: 9.97 ng

RT: 7.40 min Scan# 777

Delta R.T. -0.00 min

Lab File: BG024599.D

Acq: 1 Nov 2016 19:10

Instrument :

BNA_G

ClientSampleId :

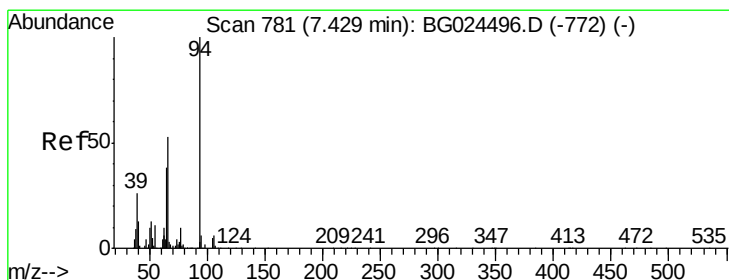
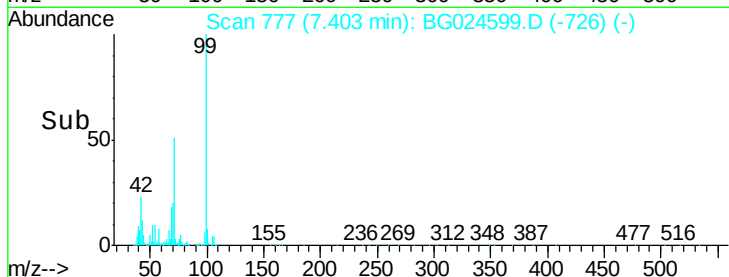
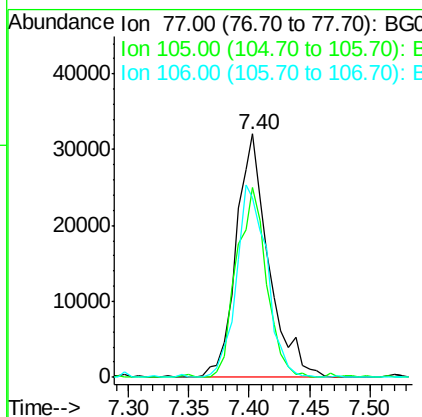
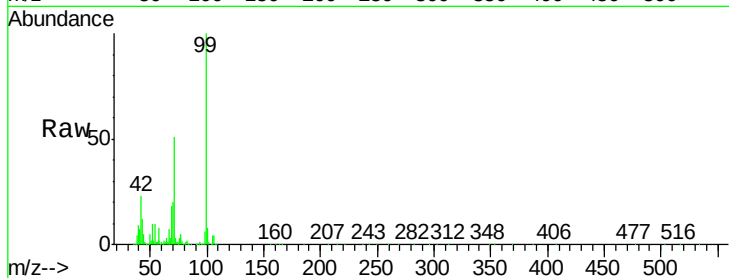
PB94463BS

Tot Ion:	77	Resp:	59964
Ion	Ratio	Lower	Upper
77	100		
105	77.9	60.9	100.9
106	73.6	55.1	95.1

Manual Integrations
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#10

Phenol

Concen: 46.76 ng

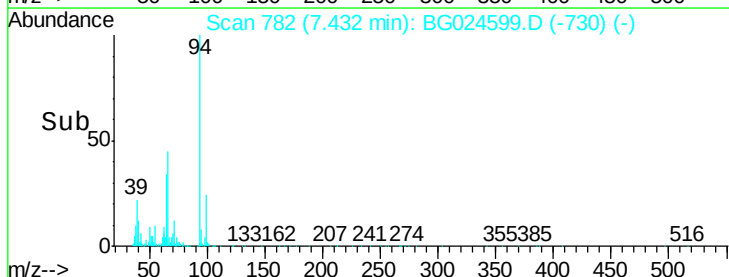
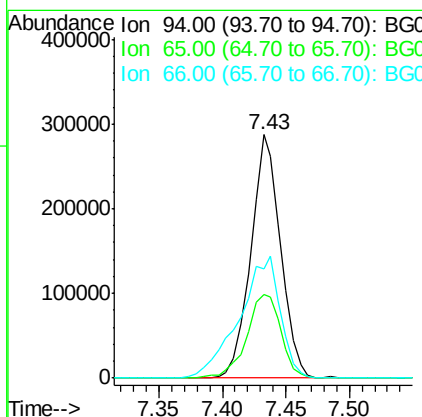
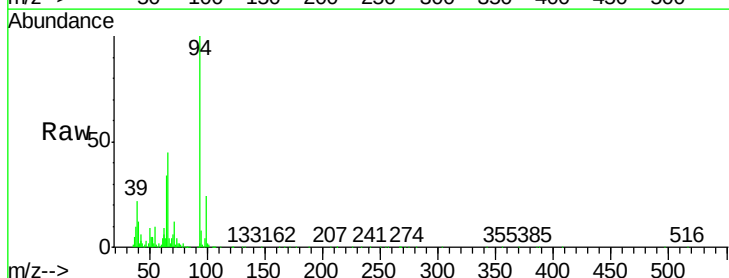
RT: 7.43 min Scan# 782

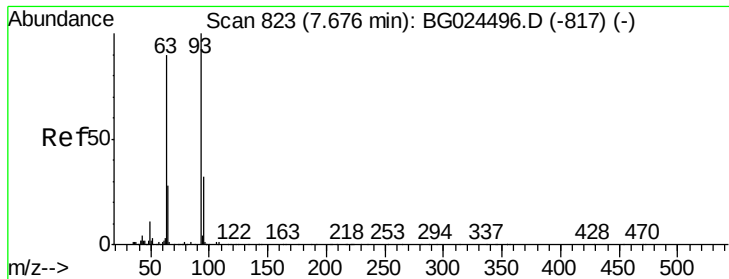
Delta R.T. 0.00 min

Lab File: BG024599.D

Acq: 1 Nov 2016 19:10

Tgt Ion:	94	Resp:	469048
Ion	Ratio	Lower	Upper
94	100		
65	34.3	20.6	60.6
66	45.1	35.5	75.5





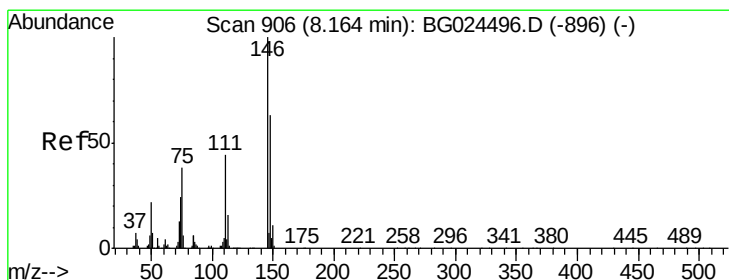
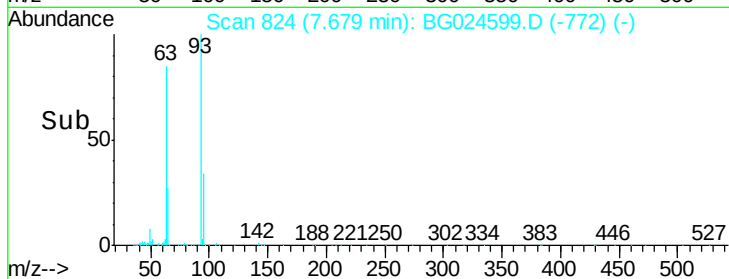
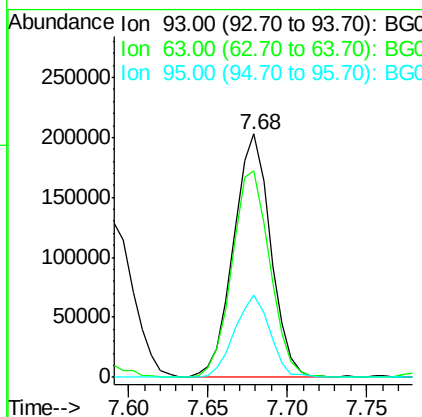
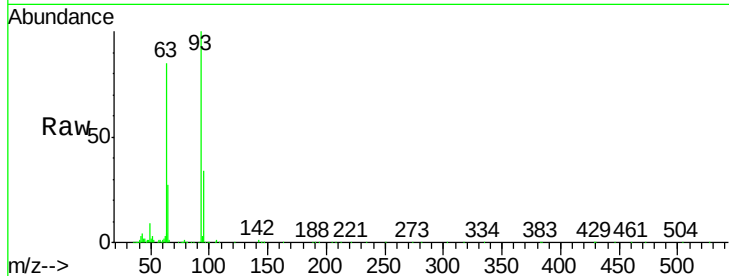
#11
bis(2-Chloroethyl)ether
Concen: 43.40 ng
RT: 7.68 min Scan# 824
Delta R.T. 0.00 min
Lab File: BG024599.D
Acq: 1 Nov 2016 19:10

Instrument :
BNA_G
ClientSampled :
PB94463BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	84.9	78.5	118.5
95	33.9	9.8	49.8

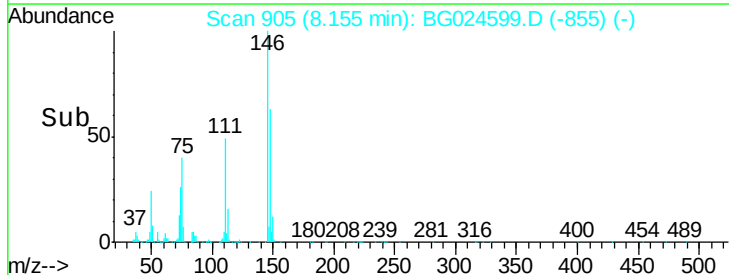
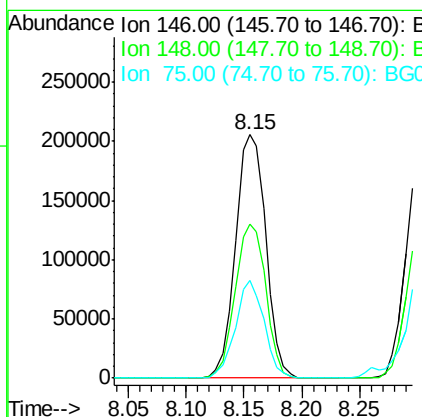
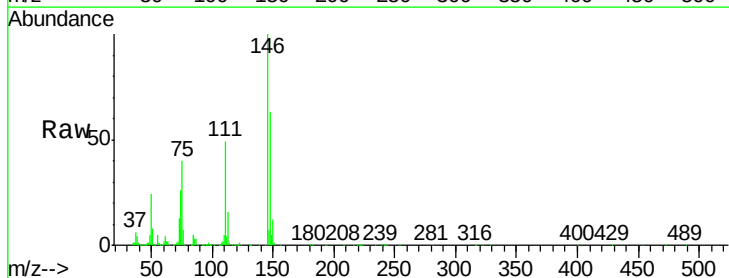
Manual Integrations
APPROVED

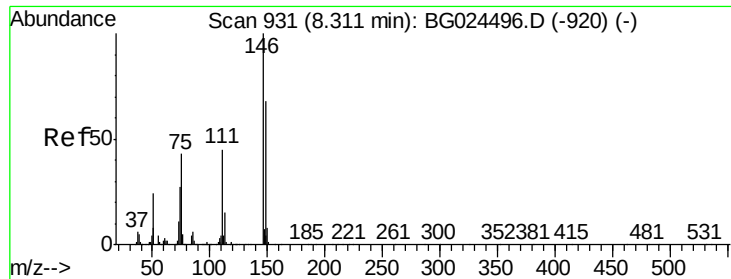
Umangi
11/2/2016 5:43:48 PM



#12
1,3-Dichlorobenzene
Concen: 41.65 ng
RT: 8.15 min Scan# 905
Delta R.T. -0.01 min
Lab File: BG024599.D
Acq: 1 Nov 2016 19:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	49.2	73.8
75	40.2	33.4	50.2





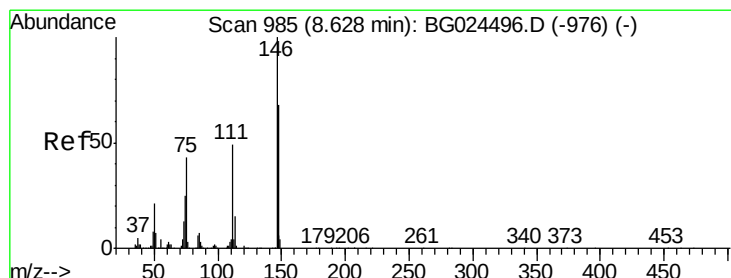
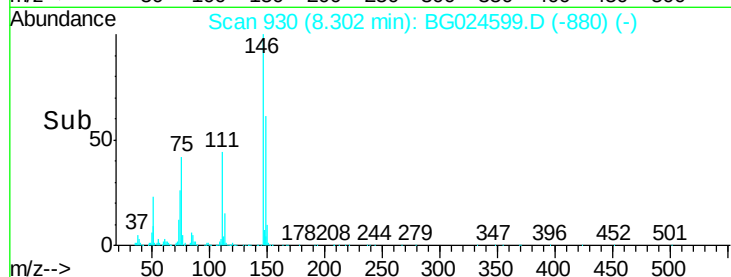
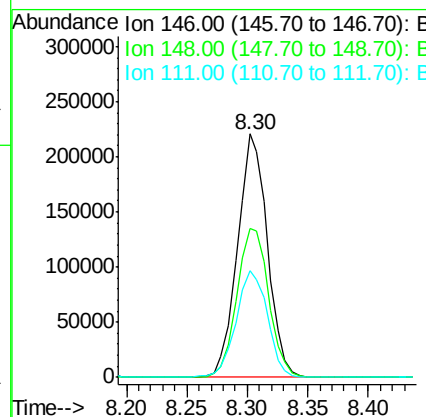
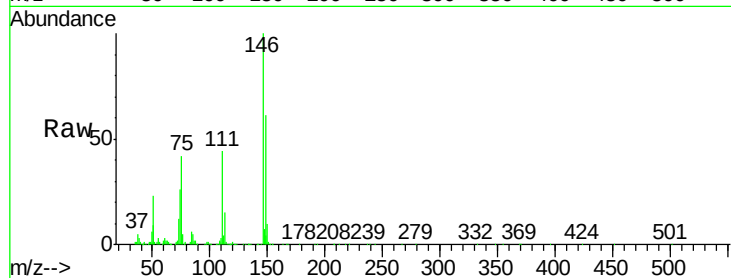
#13
 1,4-Dichlorobenzene
 Concen: 42.92 ng
 RT: 8.30 min Scan# 930
 Delta R.T. -0.01 min
 Lab File: BG024599.D
 Acq: 1 Nov 2016 19:10

Instrument :
 BNA_G
 ClientSampleId :
 PB94463BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.1	52.2	78.2
111	44.0	37.0	55.6

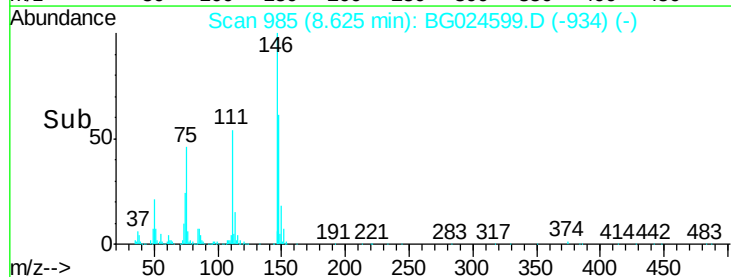
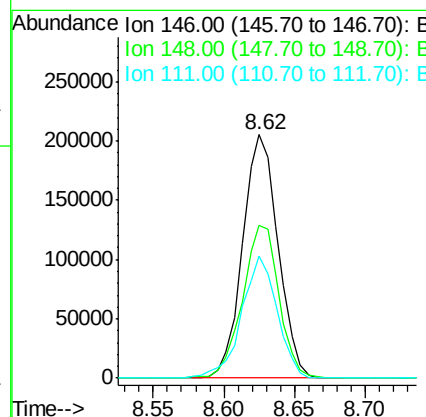
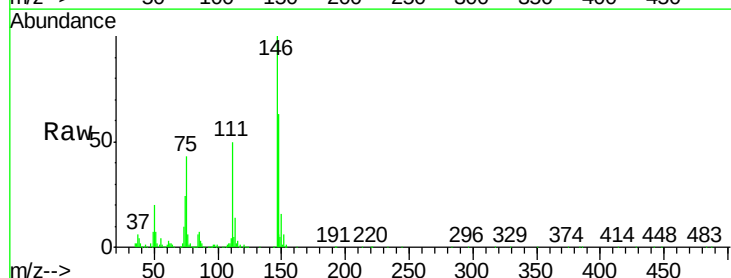
Manual Integrations
 APPROVED

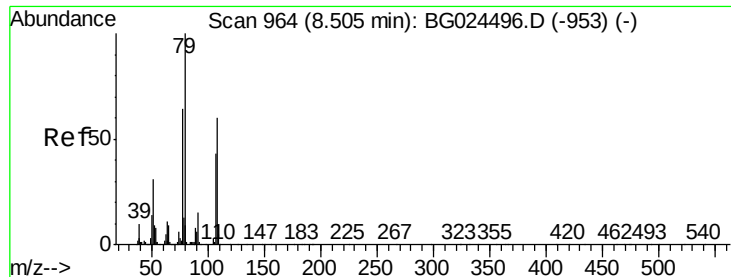
Umangi
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#14
 1,2-Dichlorobenzene
 Concen: 42.41 ng
 RT: 8.62 min Scan# 985
 Delta R.T. -0.00 min
 Lab File: BG024599.D
 Acq: 1 Nov 2016 19:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.6	54.6	81.8
111	50.0	39.7	59.5





#15

Benzyl Alcohol

Concen: 42.05 ng

RT: 8.50 min Scan# 964

Delta R.T. -0.00 min

Lab File: BG024599.D

Acq: 1 Nov 2016 19:10

Instrument :

BNA_G

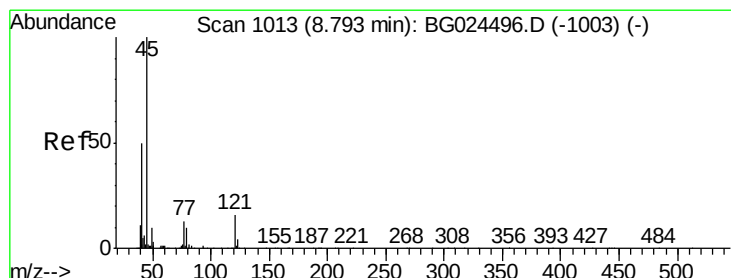
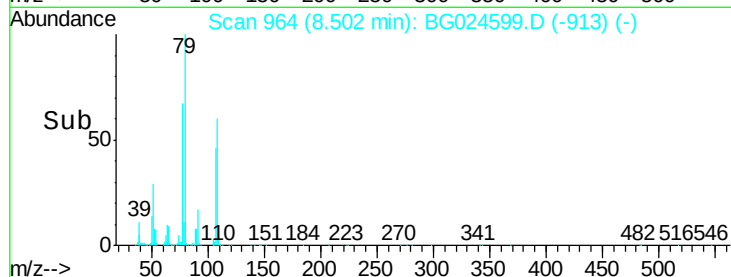
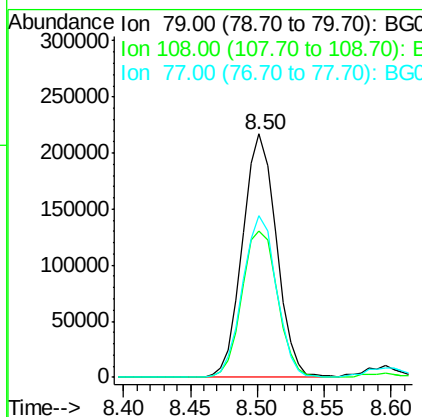
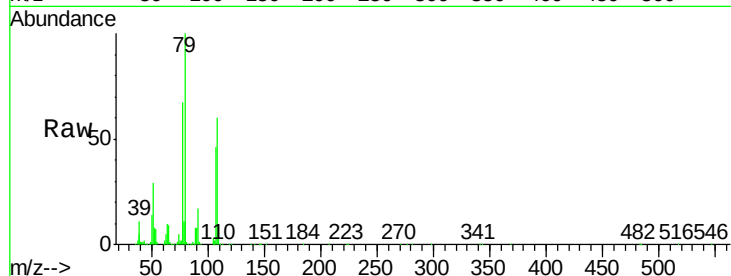
ClientSampleID :

PB94463BS

Tot Ion:	79	Resp:	380690
Ion Ratio	Lower	Upper	
79	100		
108	60.3	45.5	68.3
77	66.6	54.3	81.5

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.77 ng

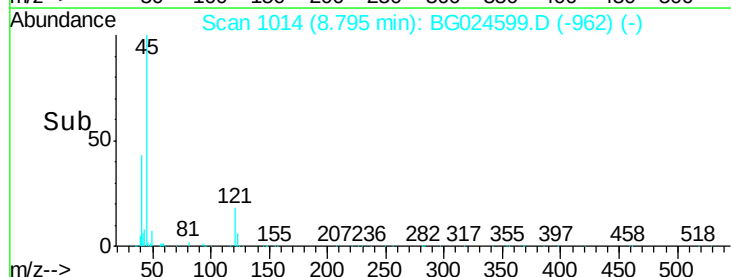
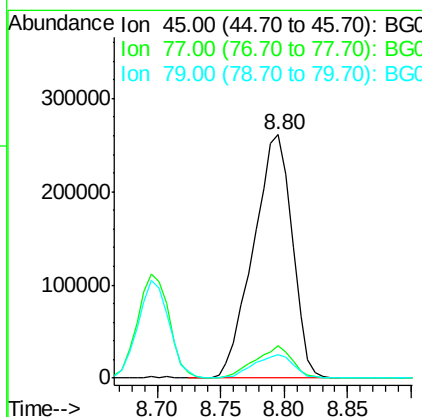
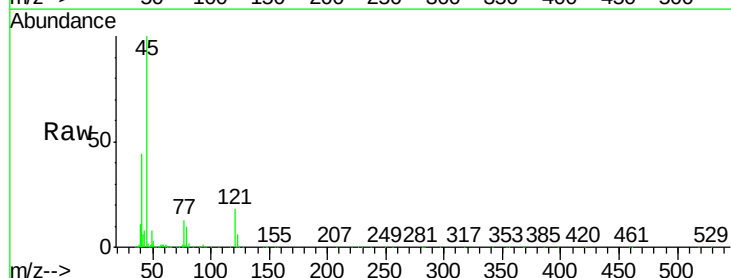
RT: 8.80 min Scan# 1014

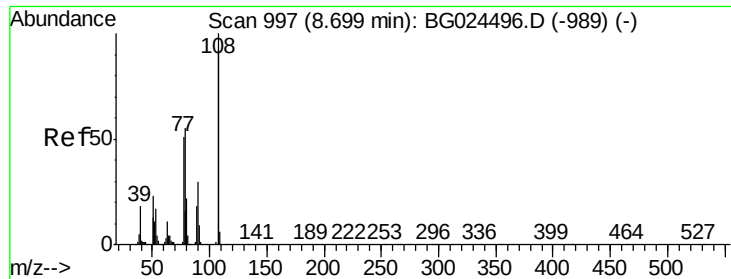
Delta R.T. 0.00 min

Lab File: BG024599.D

Acq: 1 Nov 2016 19:10

Tgt Ion:	45	Resp:	556107
Ion Ratio	Lower	Upper	
45	100		
77	13.2	0.0	30.6
79	9.5	0.0	28.5





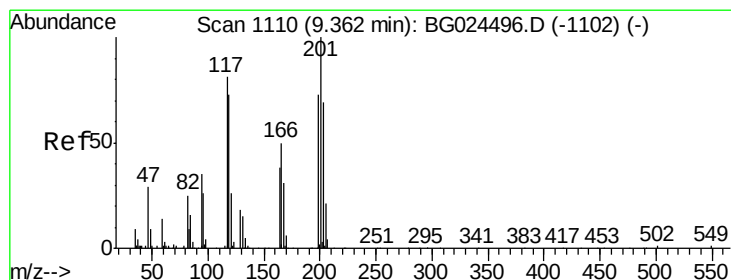
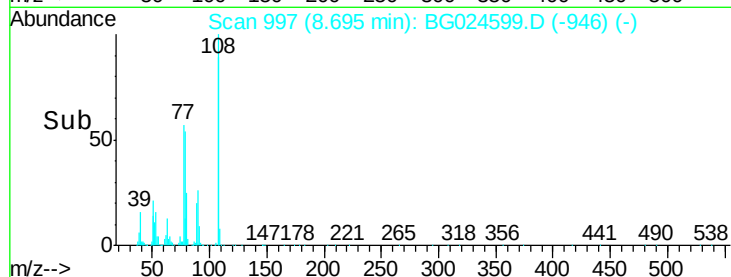
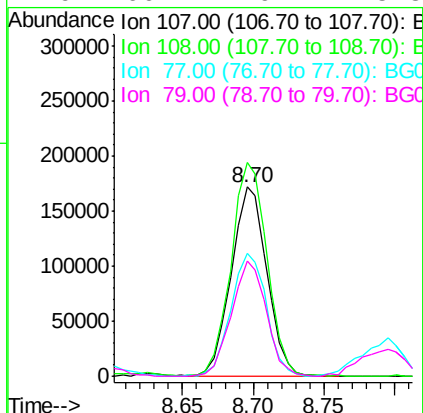
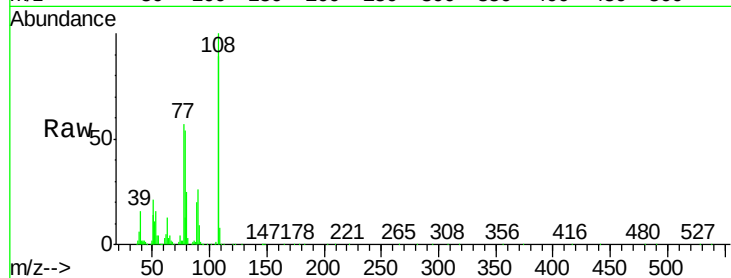
#17
2-Methylphenol
Concen: 45.55 ng
RT: 8.70 min Scan# 997
Delta R.T. -0.00 min
Lab File: BG024599.D
Acq: 1 Nov 2016 19:10

Instrument :
BNA_G
ClientSampleId :
PB94463BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.8	85.6	128.4	
77	64.8	51.4	77.2	
79	60.7	49.2	73.8	

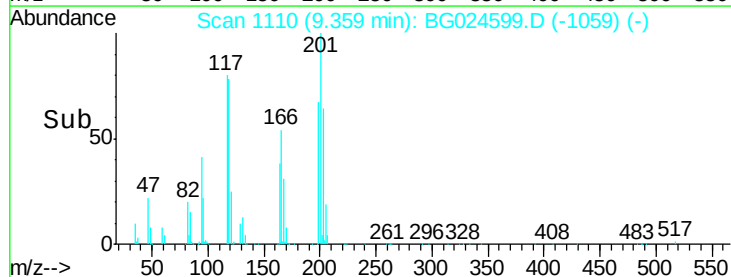
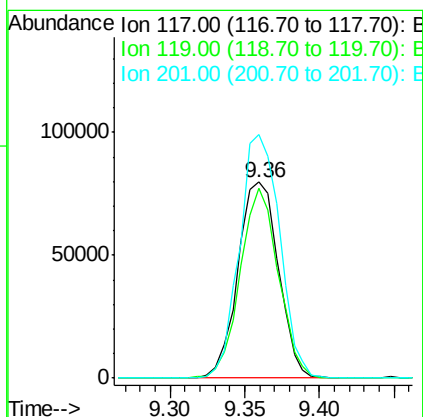
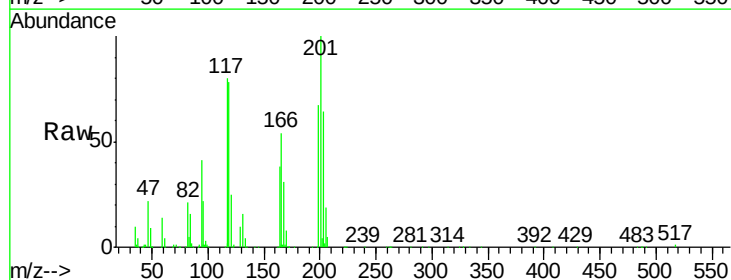
Manual Integrations
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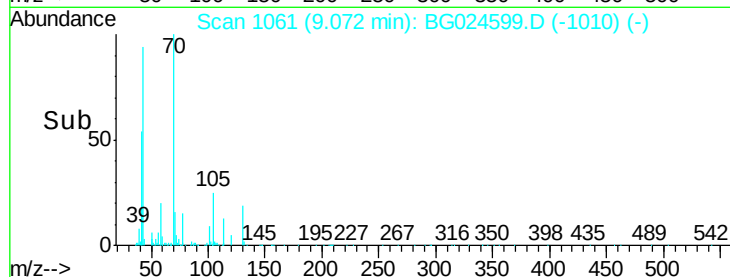
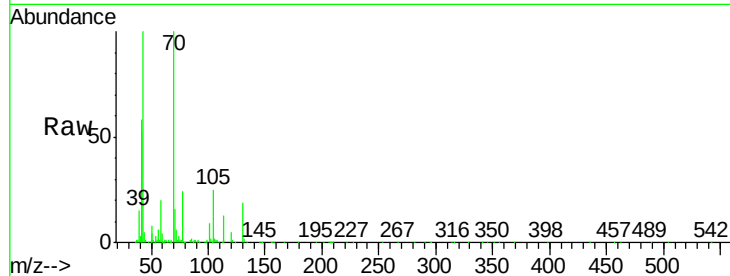
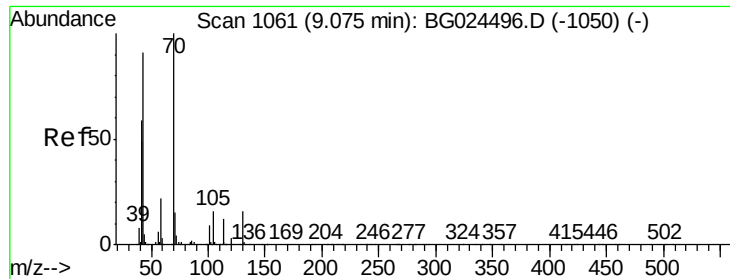
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#18
Hexachloroethane
Concen: 44.17 ng
RT: 9.36 min Scan# 1110
Delta R.T. -0.00 min
Lab File: BG024599.D
Acq: 1 Nov 2016 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.8	69.8	104.6	
201	124.3	95.4	143.0	





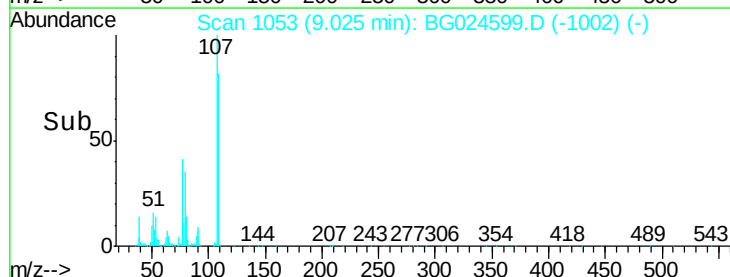
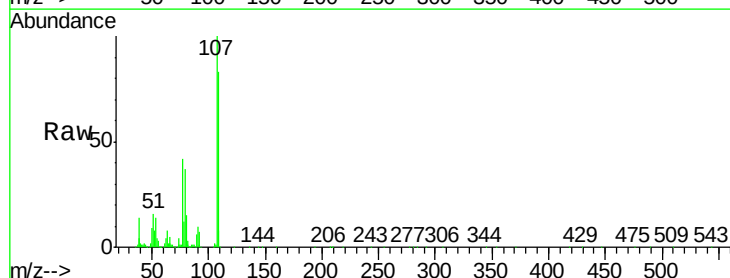
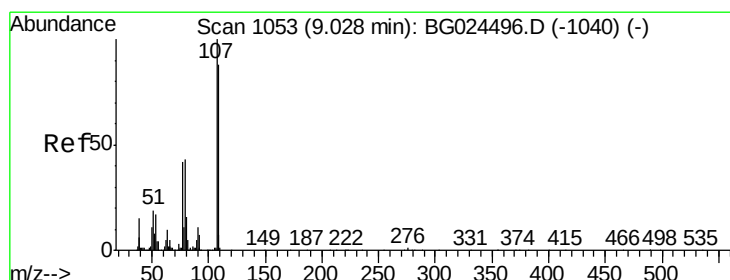
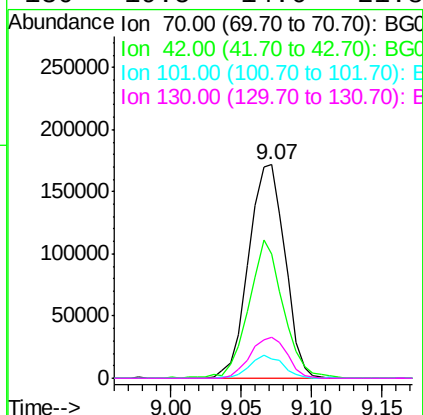
#19
n-Nitroso-di-n-propylamine
Concen: 43.37 ng
RT: 9.07 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BG024599.D
Acq: 1 Nov 2016 19:10

Instrument :
BNA_G
ClientSampleId :
PB94463BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	58.4	56.1	84.1
101	8.8	7.5	11.3
130	19.5	14.6	21.8

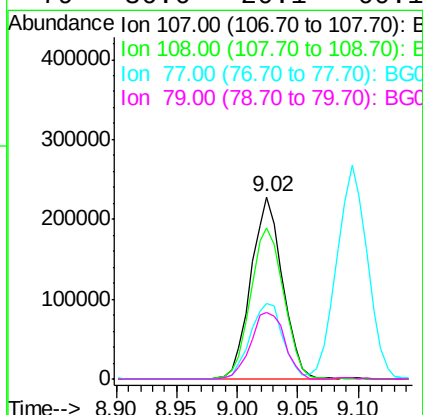
Manual Integrations
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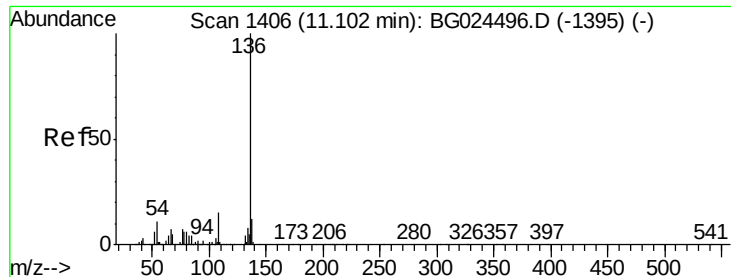
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#20
3+4-Methylphenols
Concen: 46.49 ng
RT: 9.02 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BG024599.D
Acq: 1 Nov 2016 19:10

Tgt Ion	Ratio	Lower	Upper
107	100		
108	83.1	70.8	110.8
77	41.6	25.8	65.8
79	36.6	20.1	60.1





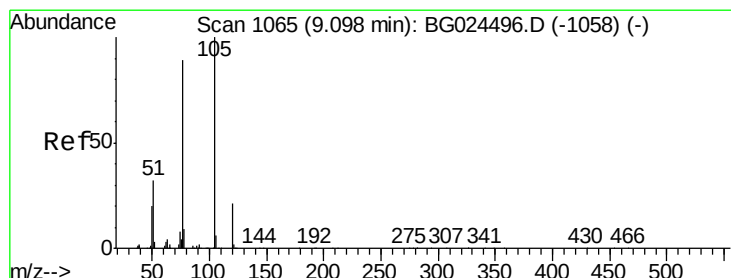
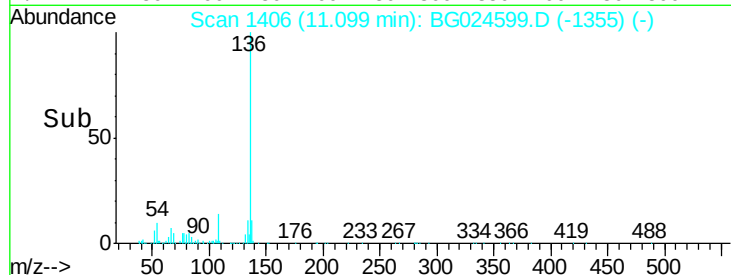
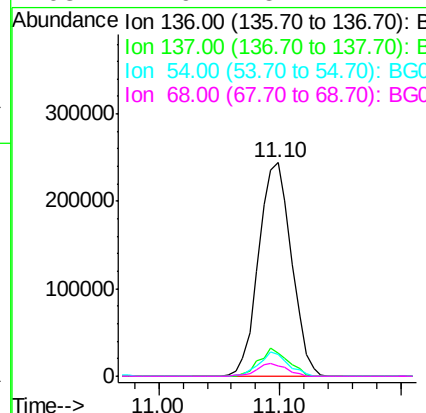
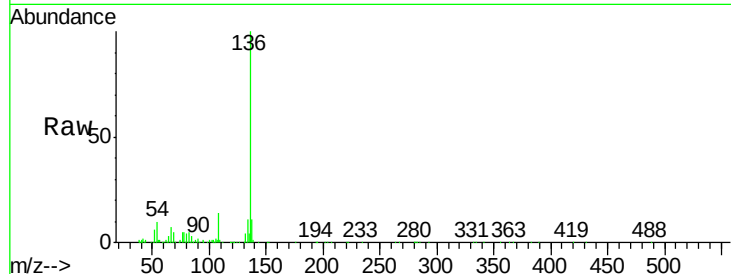
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.10 min Scan# 1406
Delta R.T. -0.00 min
Lab File: BG024599.D
Acq: 1 Nov 2016 19:10

Instrument :
BNA_G
ClientSampleId :
PB94463BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	462194		
137	11.0	8.9	13.3	
54	10.1	9.3	13.9	
68	4.9	5.1	7.7	

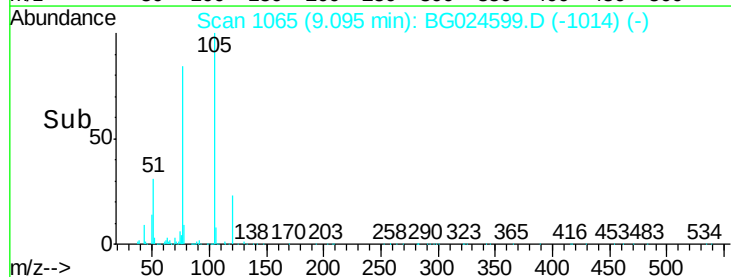
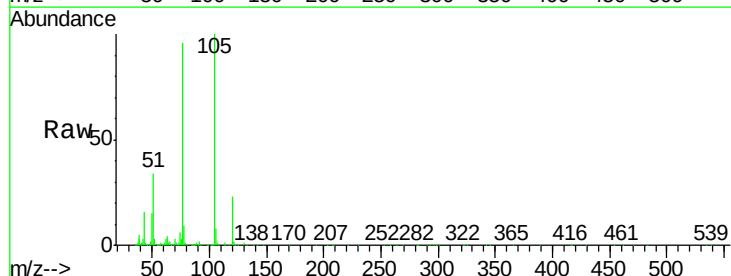
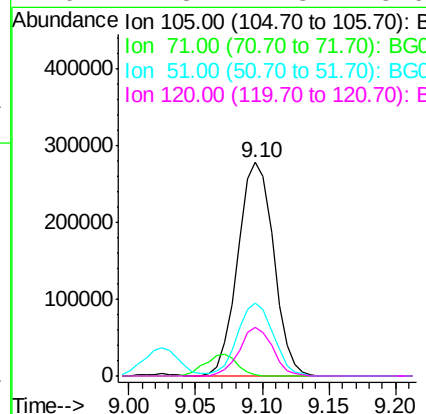
Manual Integrations
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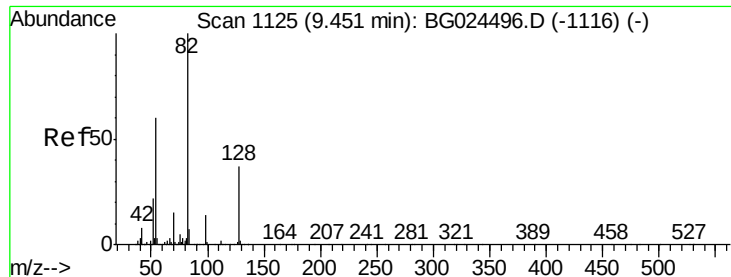
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#22
Acetophenone
Concen: 43.45 ng
RT: 9.10 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BG024599.D
Acq: 1 Nov 2016 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	515912		
71	0.6	0.9	1.3	
51	34.3	34.0	51.0	
120	22.8	17.3	25.9	





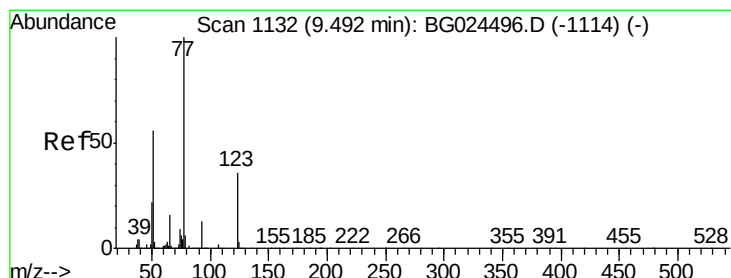
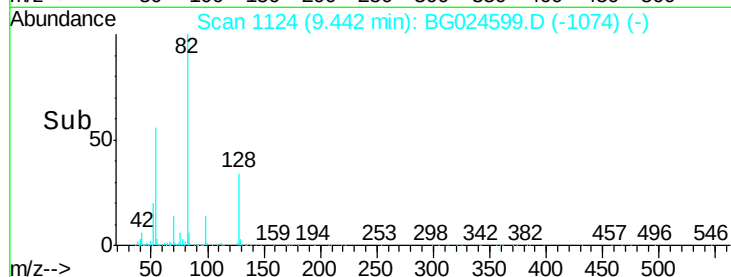
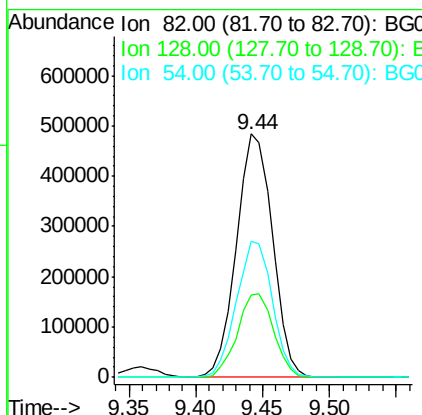
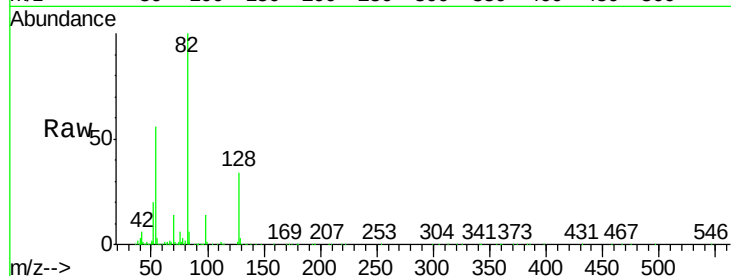
#23
 Nitrobenzene-d5
 Concen: 89.25 ng
 RT: 9.44 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BG024599.D
 Acq: 1 Nov 2016 19:10

Instrument :
 BNA_G
 ClientSampleId :
 PB94463BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	34.0	26.4	39.6
54	55.9	49.4	74.2

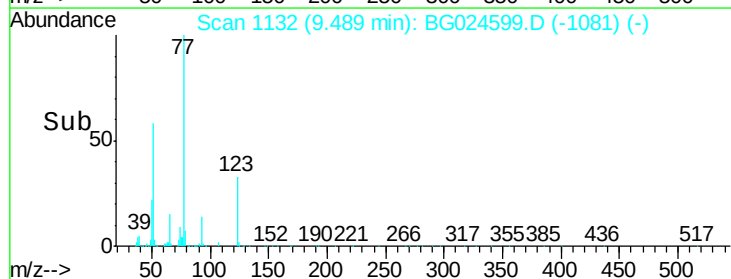
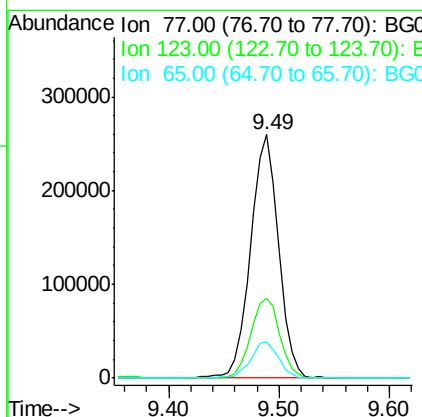
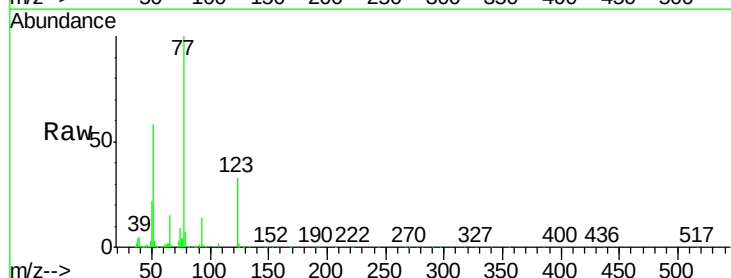
Manual Integrations
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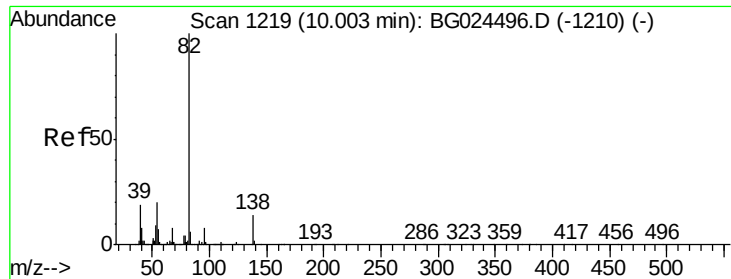
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#24
 Nitrobenzene
 Concen: 40.89 ng
 RT: 9.49 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: BG024599.D
 Acq: 1 Nov 2016 19:10

Tgt Ion	Ratio	Lower	Upper
77	100		
123	33.0	26.1	39.1
65	14.9	12.4	18.6





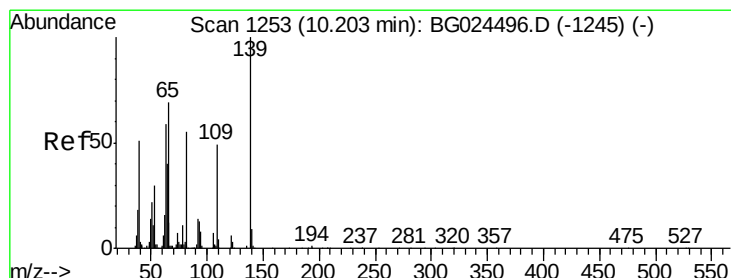
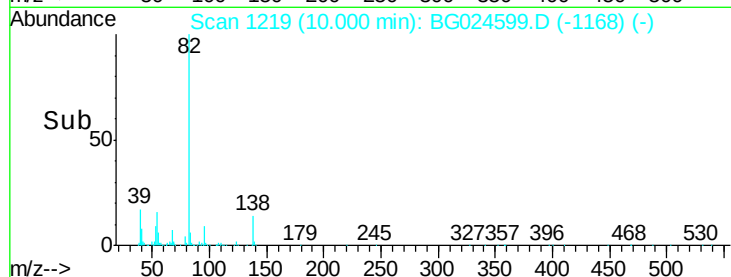
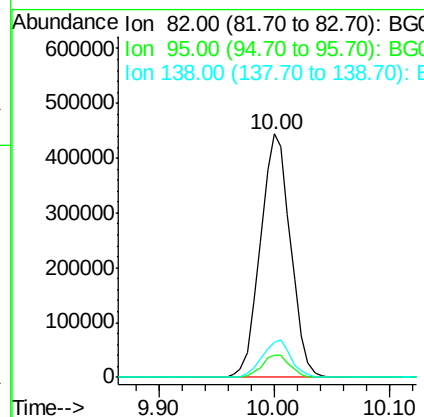
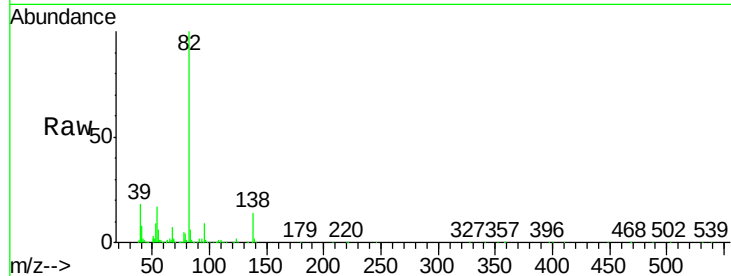
#25
Isophorone
Concen: 42.72 ng
RT: 10.00 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BG024599.D
Acq: 1 Nov 2016 19:10

Instrument :
BNA_G
ClientSampleId :
PB94463BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	806613		
95	8.9		7.5	11.3
138	14.2		12.3	18.5

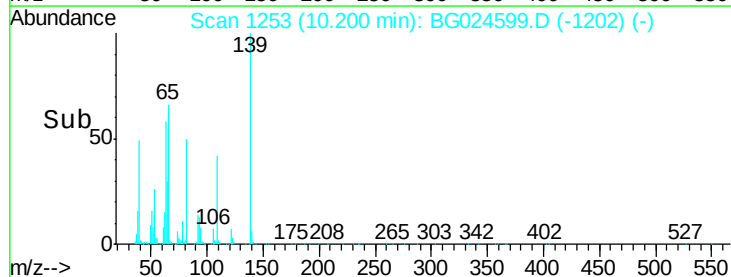
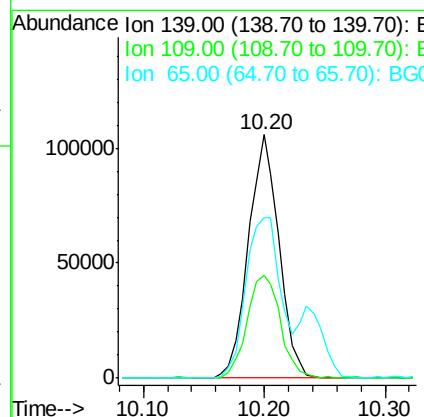
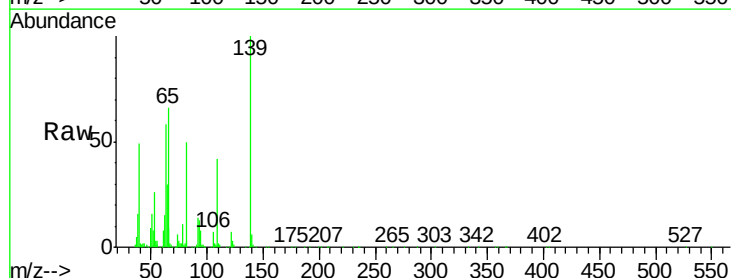
Manual Integrations
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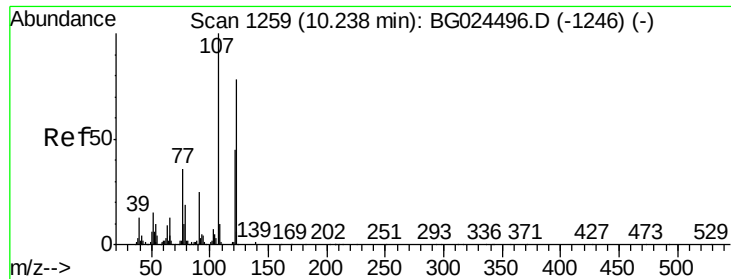
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#26
2-Nitrophenol
Concen: 44.49 ng
RT: 10.20 min Scan# 1253
Delta R.T. -0.00 min
Lab File: BG024599.D
Acq: 1 Nov 2016 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	186491		
109	42.0		38.6	58.0
65	66.1		57.1	85.7





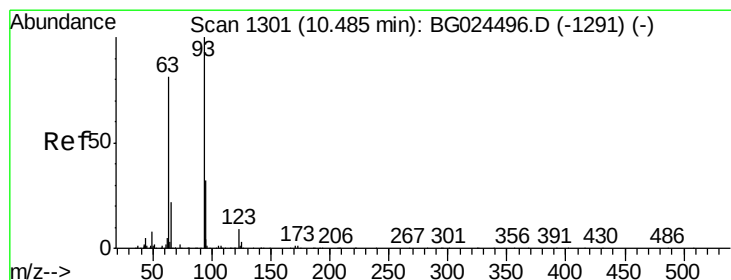
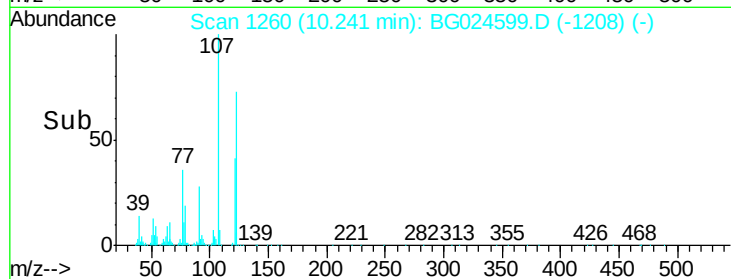
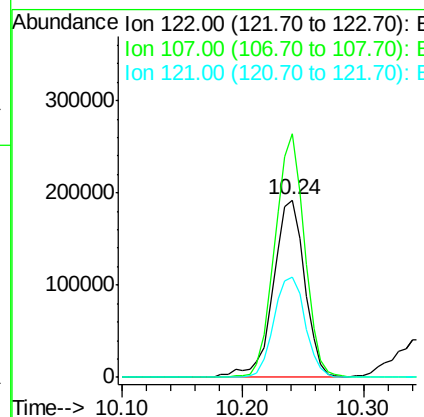
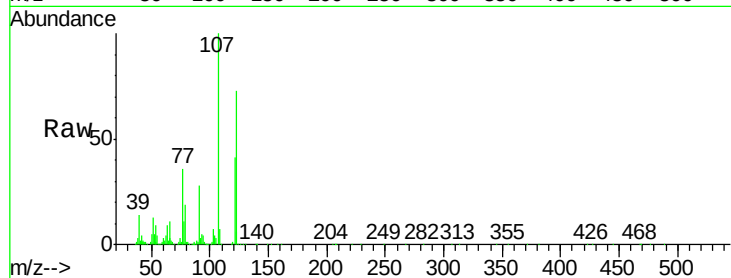
#27
2,4-Dimethylphenol
Concen: 46.93 ng
RT: 10.24 min Scan# 1260
Delta R.T. 0.00 min
Lab File: BG024599.D
Acq: 1 Nov 2016 19:10

Instrument :
BNA_G
ClientSampleId :
PB94463BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	137.5	104.2	156.4
121	56.3	46.0	69.0

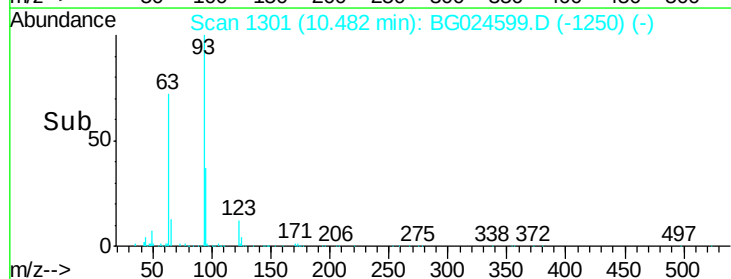
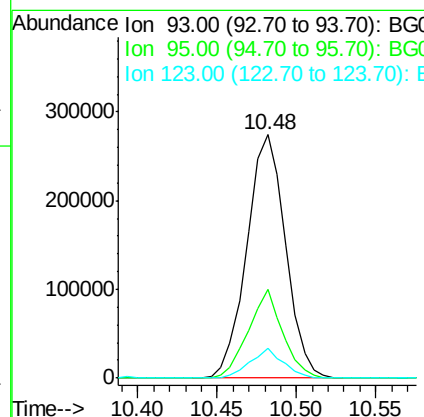
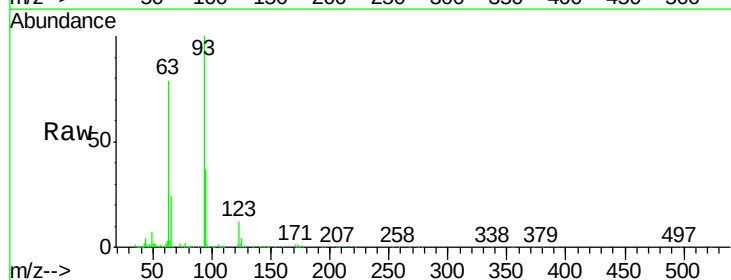
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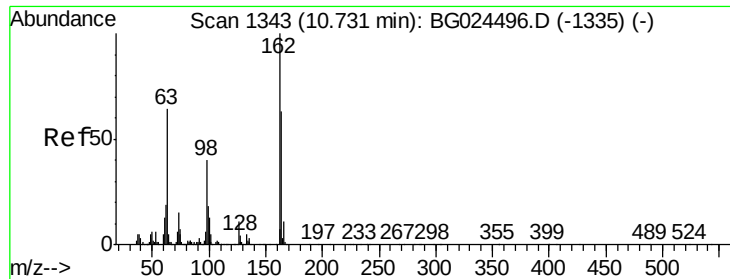
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#28
bis(2-Chloroethoxy)methane
Concen: 47.59 ng
RT: 10.48 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BG024599.D
Acq: 1 Nov 2016 19:10

Tgt Ion	Ratio	Lower	Upper
93	100		
95	36.5	25.7	38.5
123	12.1	8.3	12.5





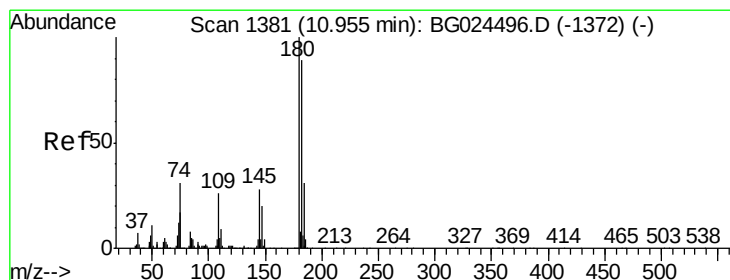
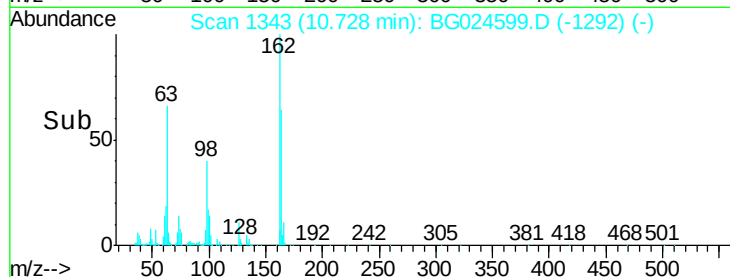
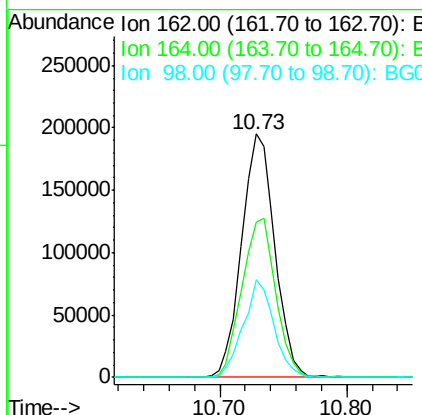
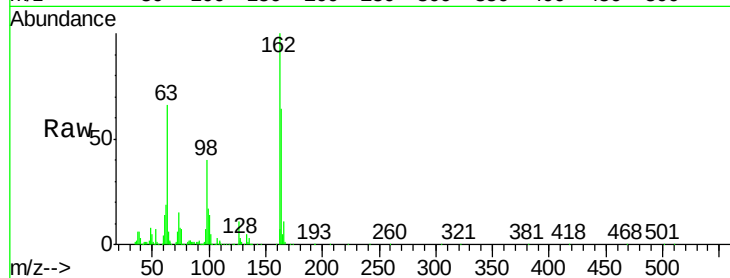
#29
2,4-Dichlorophenol
Concen: 45.97 ng
RT: 10.73 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG024599.D
Acq: 1 Nov 2016 19:10

Instrument :
BNA_G
ClientSampled :
PB94463BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	42.4	82.4
98	40.3	20.3	60.3

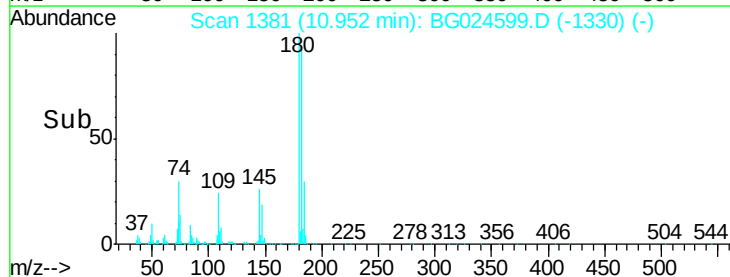
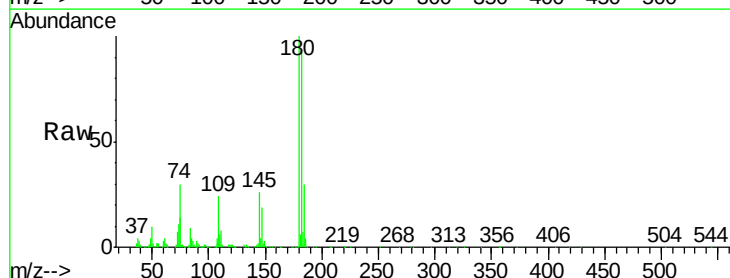
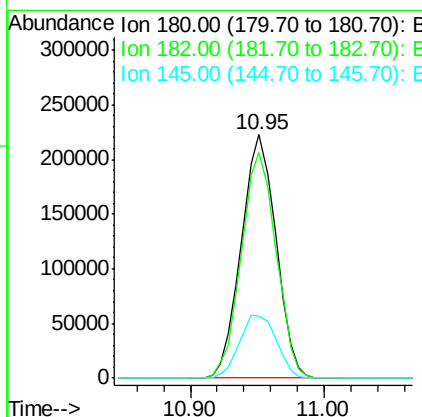
Manual Integrations
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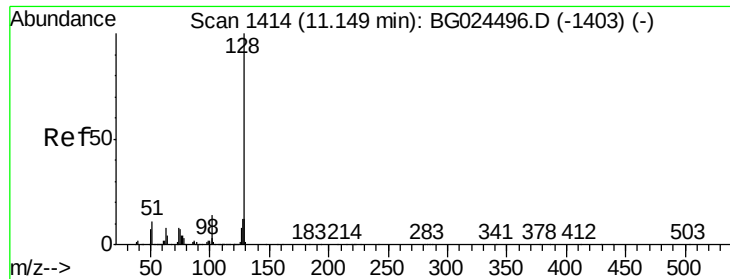
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#30
1,2,4-Trichlorobenzene
Concen: 43.86 ng
RT: 10.95 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BG024599.D
Acq: 1 Nov 2016 19:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.4	77.0	115.4
145	25.5	23.4	35.0





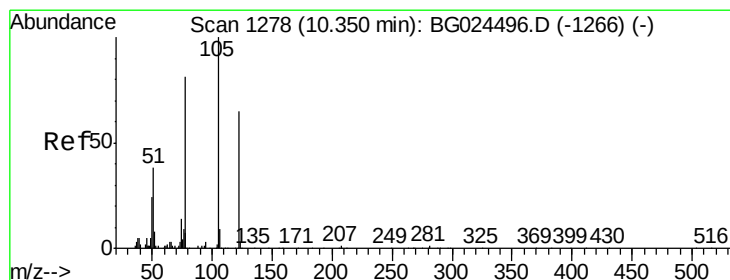
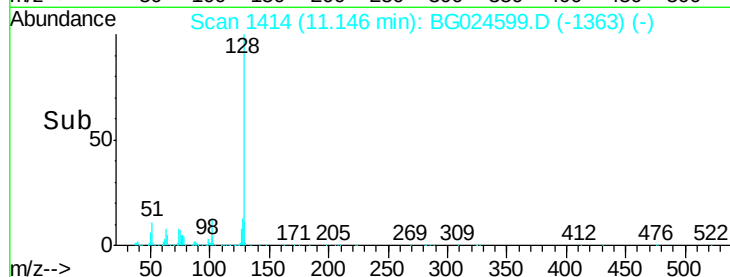
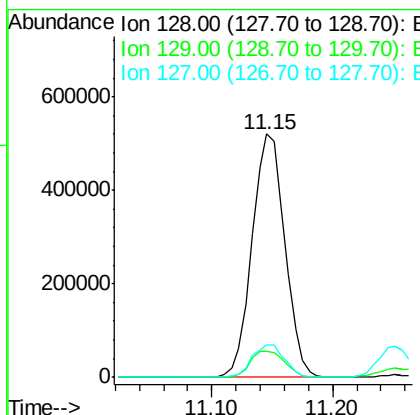
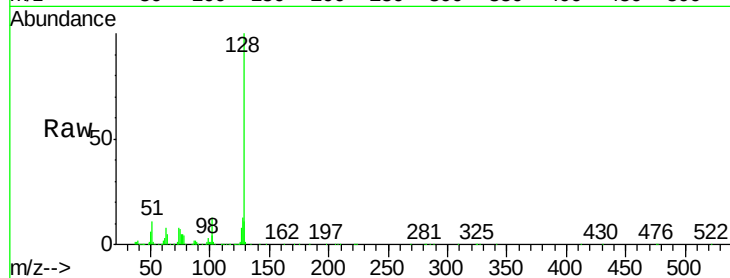
#31
Naphthalene
Concen: 42.41 ng
RT: 11.15 min Scan# 1414
Delta R.T. -0.00 min
Lab File: BG024599.D
Acq: 1 Nov 2016 19:10

Instrument :
BNA_G
ClientSampleId :
PB94463BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.3	13.9
127	13.4	11.4	17.0

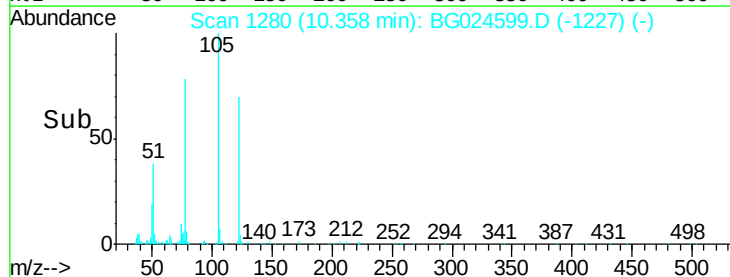
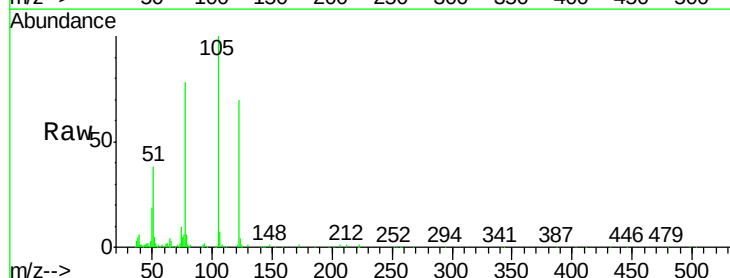
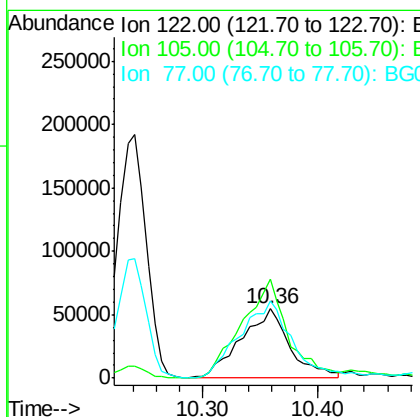
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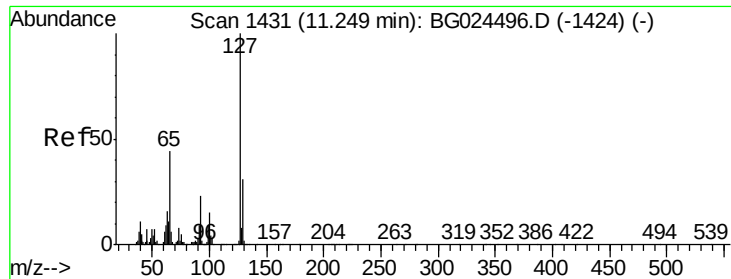
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#32
Benzoic acid
Concen: 25.59 ng
RT: 10.36 min Scan# 1280
Delta R.T. 0.01 min
Lab File: BG024599.D
Acq: 1 Nov 2016 19:10

Tgt Ion	Ratio	Lower	Upper
122	100		
105	142.6	120.1	160.1
77	111.5	104.6	144.6





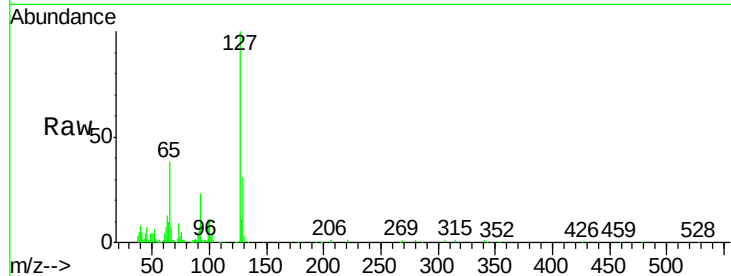
#33
4-Chloroaniline
Concen: 12.78 ng
RT: 11.25 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BG024599.D
Acq: 1 Nov 2016 19:10

Instrument :
BNA_G
ClientSampled :
PB94463BS

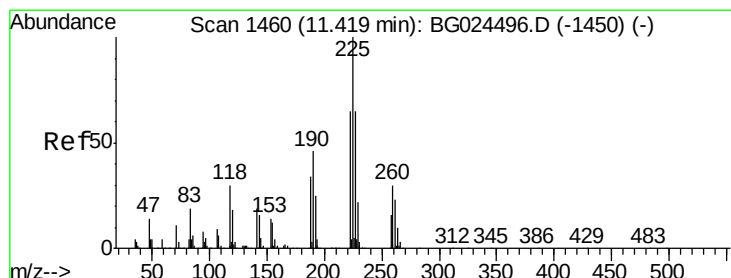
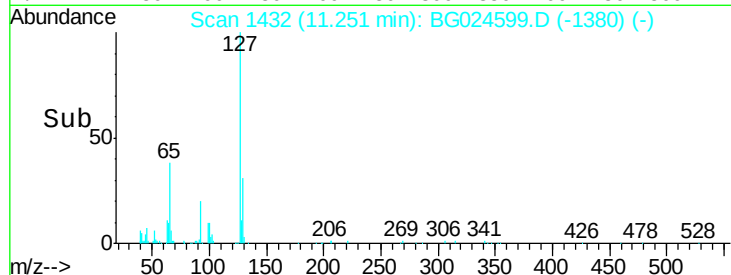
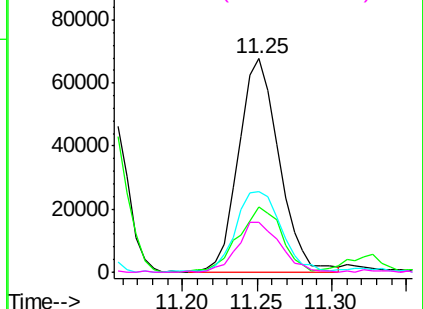
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		127921		
129	30.7	23.6	35.4		
65	38.0	37.7	56.5		
92	23.3	17.6	26.4		

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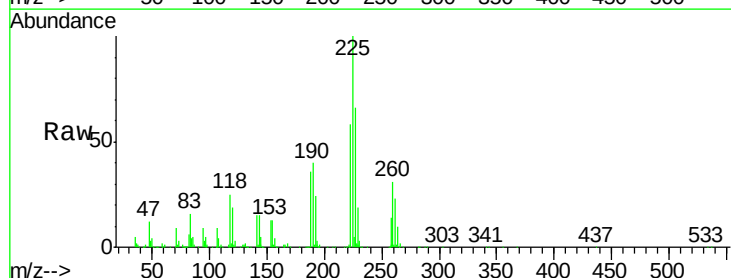


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

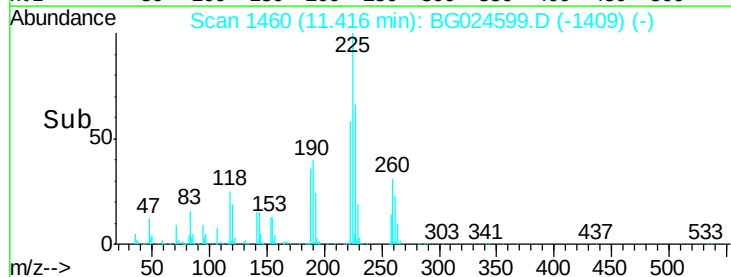
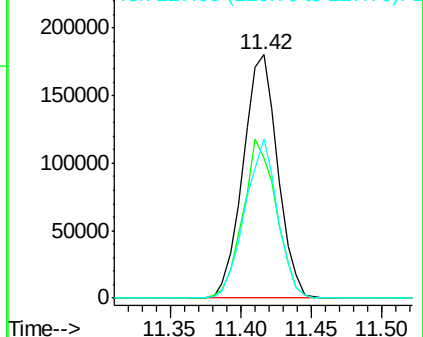


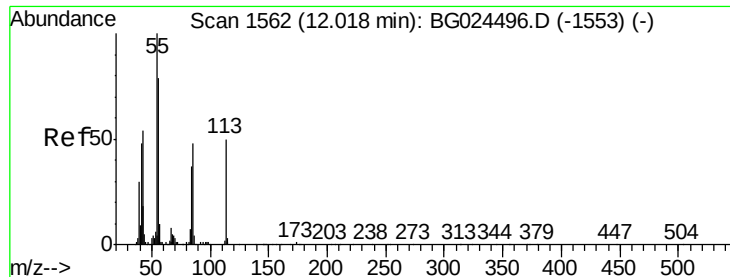
#34
Hexachlorobutadiene
Concen: 43.30 ng
RT: 11.42 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BG024599.D
Acq: 1 Nov 2016 19:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		309640		
223	57.7	50.7	76.1		
227	65.6	49.0	73.6		



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





#35

Caprolactam

Concen: 41.83 ng/ml

RT: 12.02 min Scan# 1562

Delta R.T. -0.00 min

Lab File: BG024599.D

Acq: 1 Nov 2016 19:10

Instrument :

BNA_G

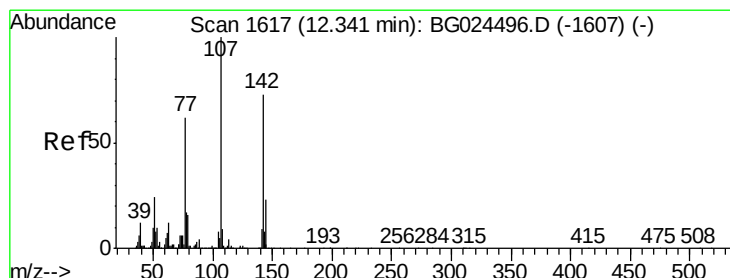
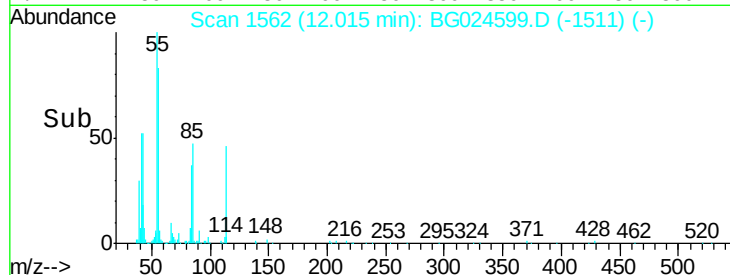
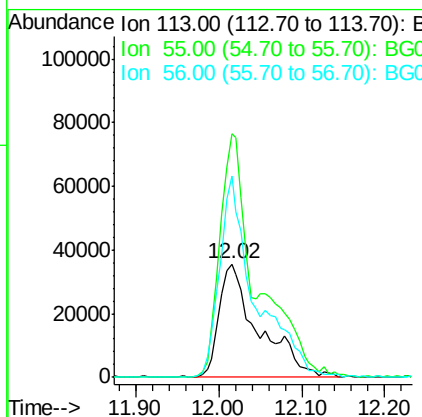
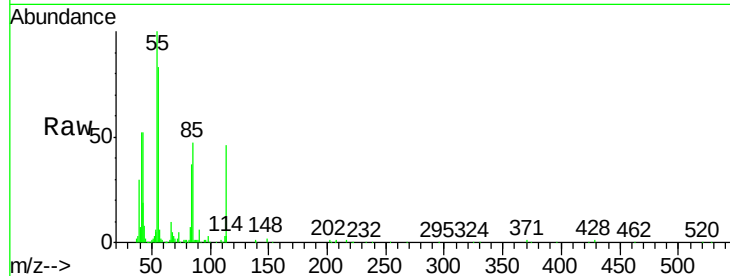
ClientSampleId :

PB94463BS

Tot Ion:	113	Resp:	117952
Ion Ratio	Lower	Upper	
113	100		
55	215.2	198.6	238.6
56	178.4	140.4	180.4

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 44.04 ng/ml

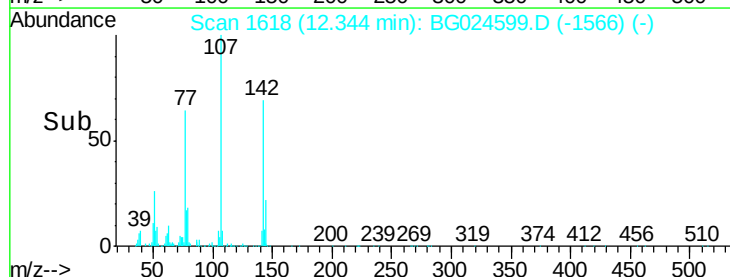
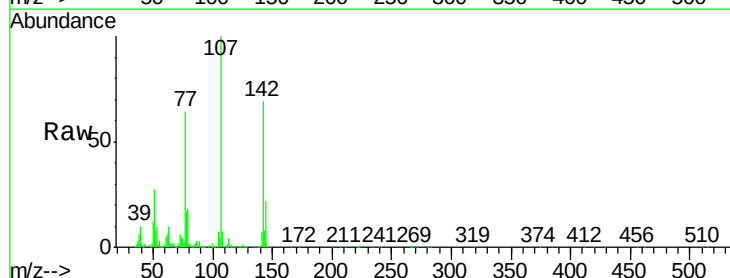
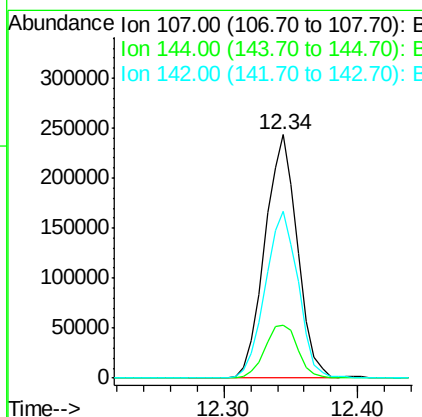
RT: 12.34 min Scan# 1618

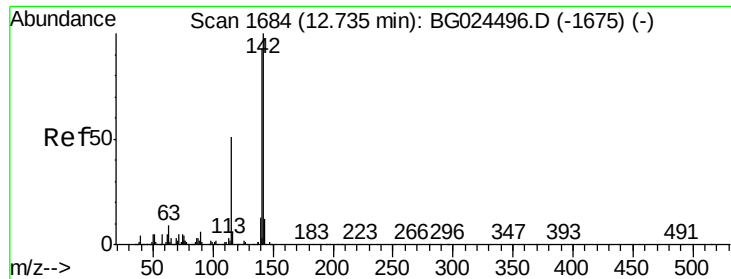
Delta R.T. 0.00 min

Lab File: BG024599.D

Acq: 1 Nov 2016 19:10

Tgt Ion:	107	Resp:	409510
Ion Ratio	Lower	Upper	
107	100		
144	22.0	17.4	26.0
142	68.5	54.1	81.1





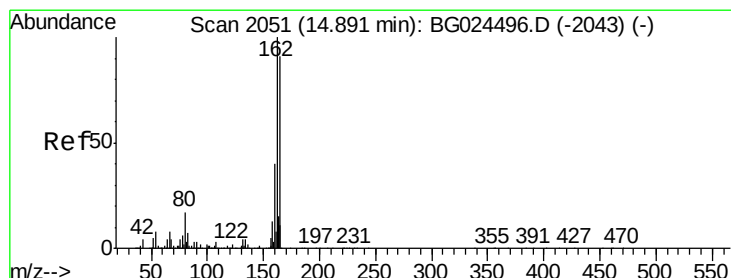
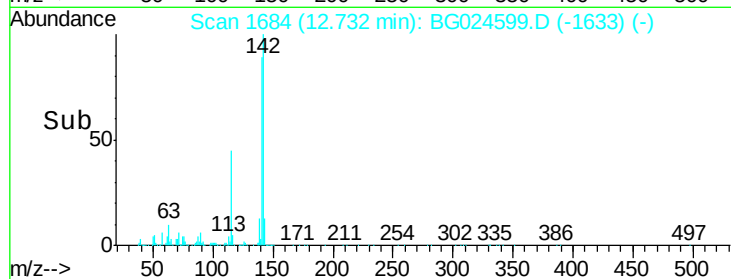
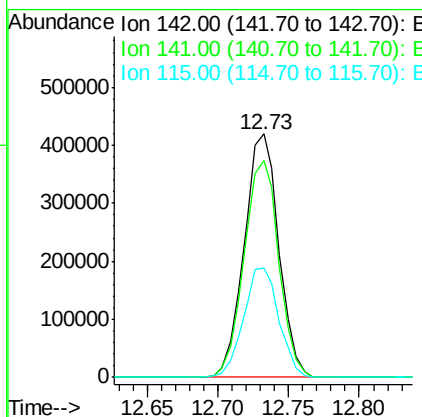
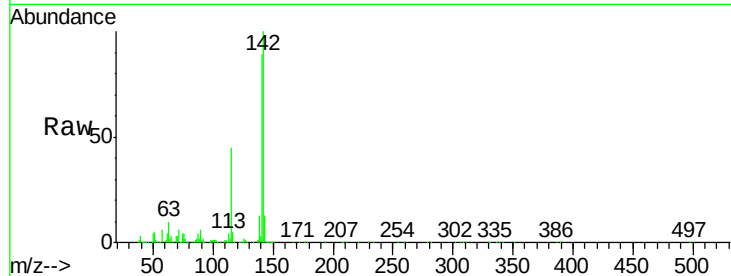
#37
2-Methylnaphthalene
Concen: 42.76 ng
RT: 12.73 min Scan# 1684
Delta R.T. -0.00 min
Lab File: BG024599.D
Acq: 1 Nov 2016 19:10

Instrument :
BNA_G
ClientSampleId :
PB94463BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.4	105.6
115	44.6	35.5	53.3

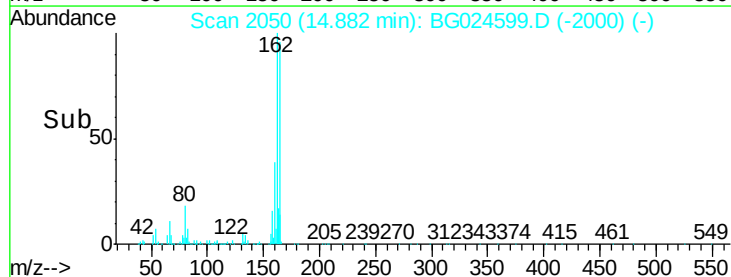
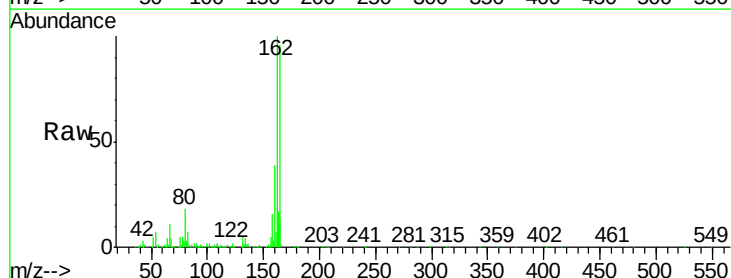
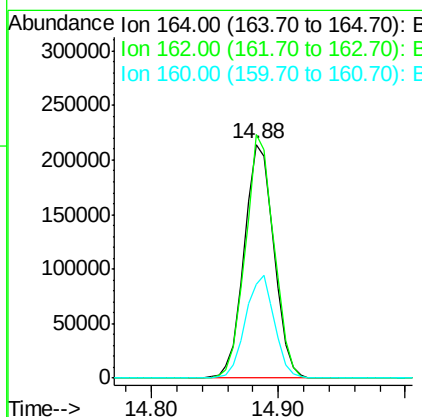
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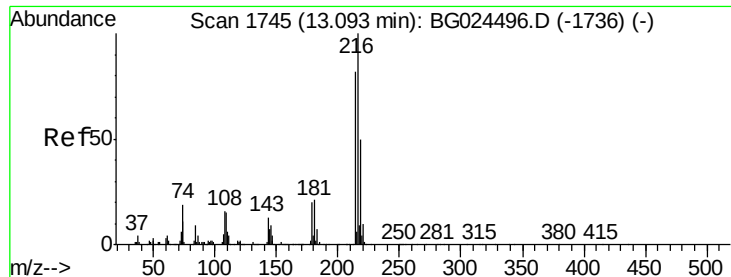
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.88 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BG024599.D
Acq: 1 Nov 2016 19:10

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.3	85.1	127.7
160	40.3	34.7	52.1





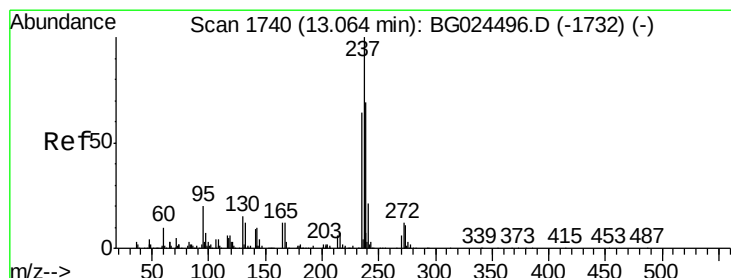
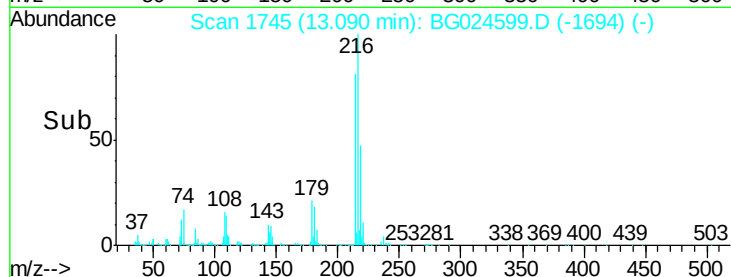
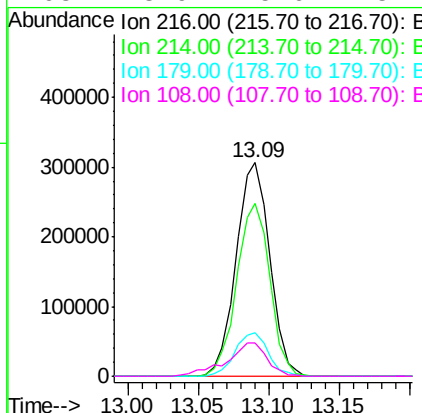
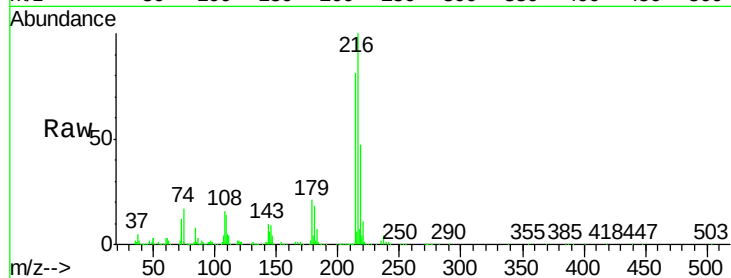
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.24 ng
 RT: 13.09 min Scan# 1745
 Delta R.T. -0.00 min
 Lab File: BG024599.D
 Acq: 1 Nov 2016 19:10

Instrument :
 BNA_G
 ClientSampleId :
 PB94463BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	79.9		64.4	96.6	
179	20.2		17.4	26.0	
108	18.9		15.6	23.4	

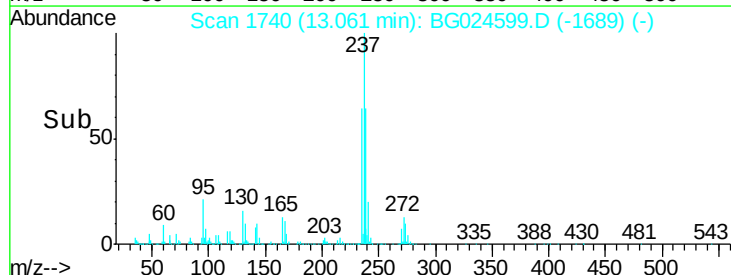
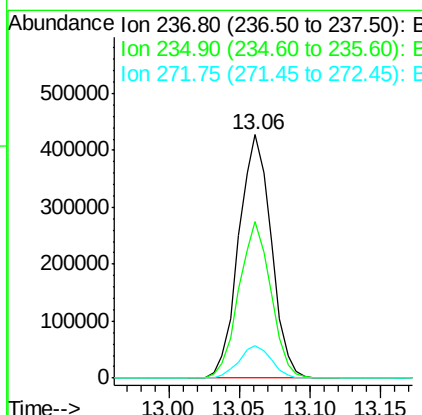
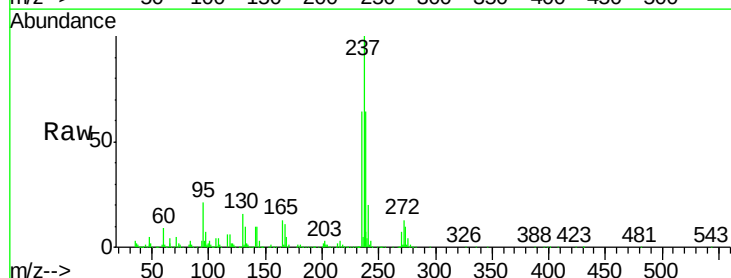
Manual Integrations
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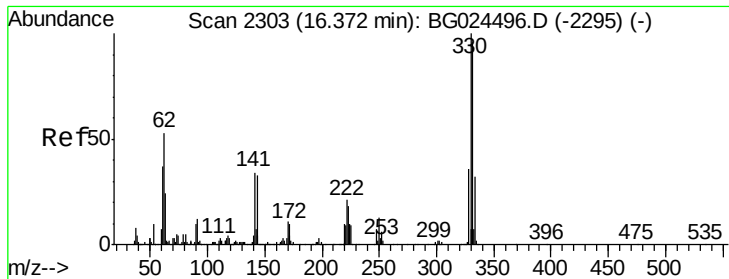
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#40
 Hexachlorocyclopentadiene
 Concen: 103.61 ng
 RT: 13.06 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG024599.D
 Acq: 1 Nov 2016 19:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	64.1		39.4	79.4	
272	13.1		0.0	32.0	





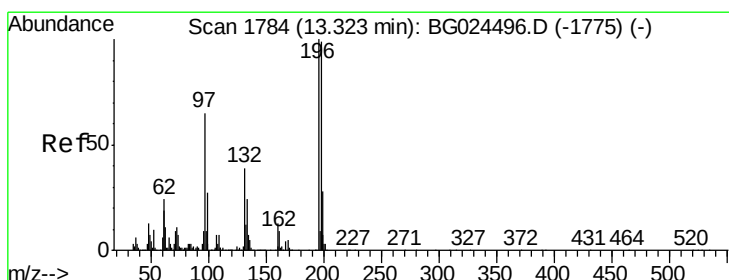
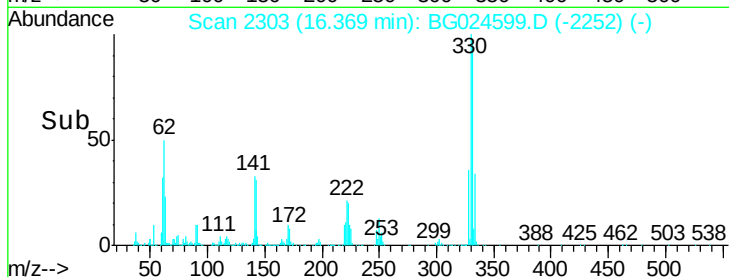
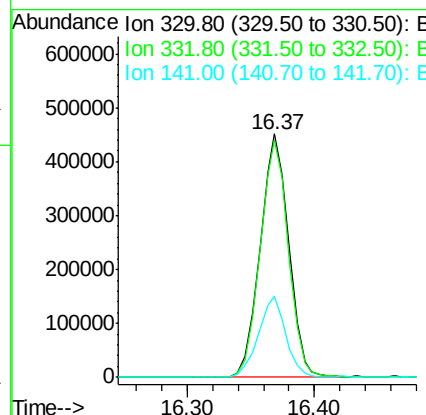
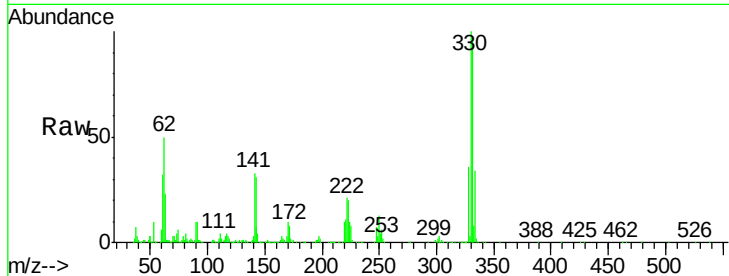
#41
2,4,6-Tribromophenol
Concen: 135.20 ng
RT: 16.37 min Scan# 2303
Delta R.T. -0.00 min
Lab File: BG024599.D
Acq: 1 Nov 2016 19:10

Instrument :
BNA_G
ClientSampleId :
PB94463BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.3	115.9
141	32.2	32.1	48.1

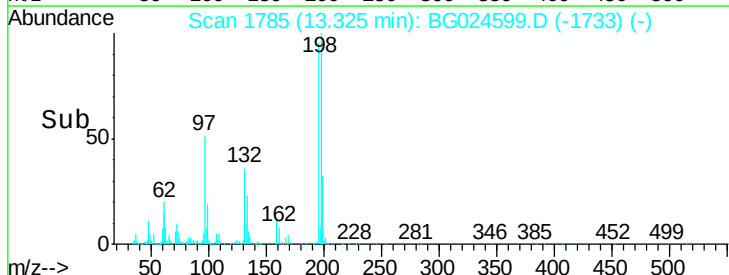
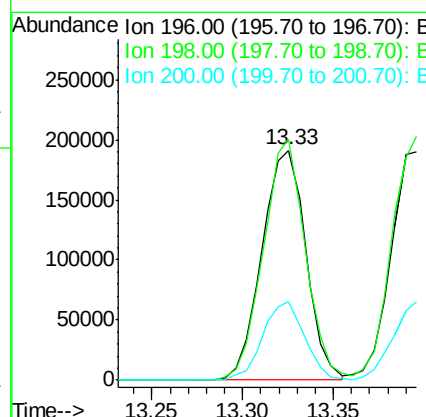
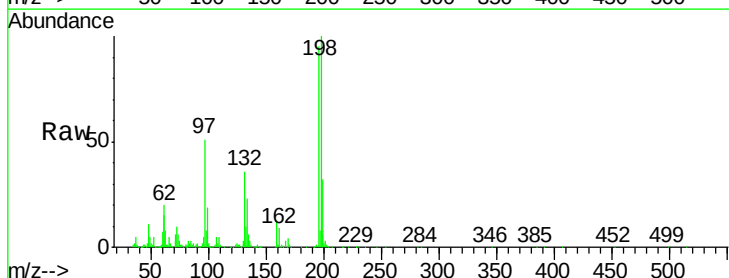
Manual Integrations
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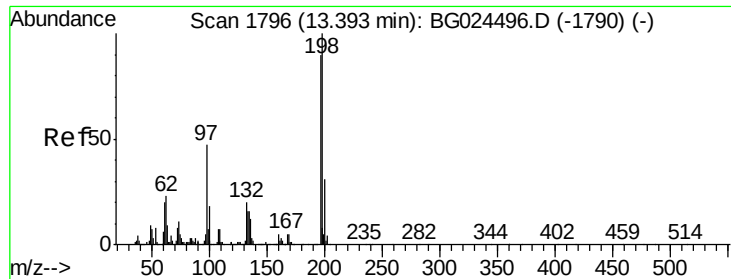
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#42
2,4,6-Trichlorophenol
Concen: 45.51 ng
RT: 13.33 min Scan# 1785
Delta R.T. 0.00 min
Lab File: BG024599.D
Acq: 1 Nov 2016 19:10

Tgt Ion	Ratio	Lower	Upper
196	100		
198	105.2	81.4	122.2
200	34.1	27.0	40.6





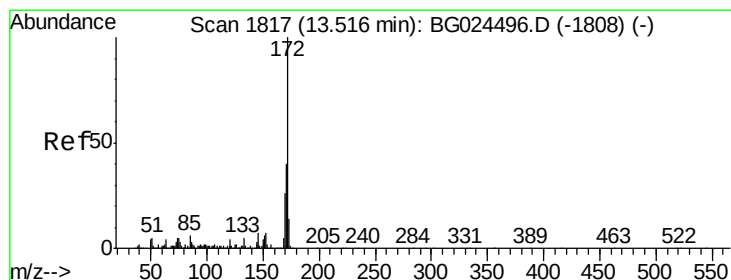
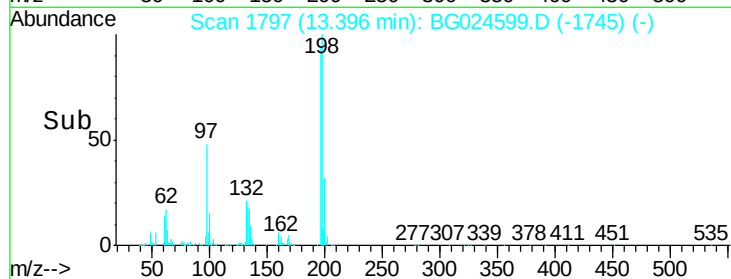
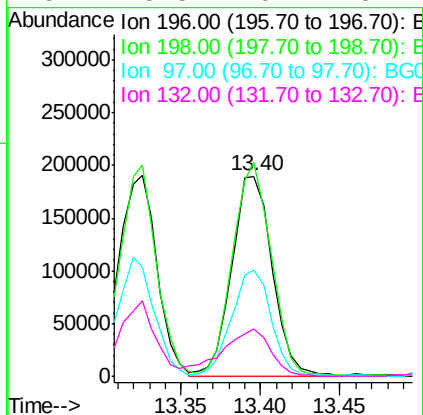
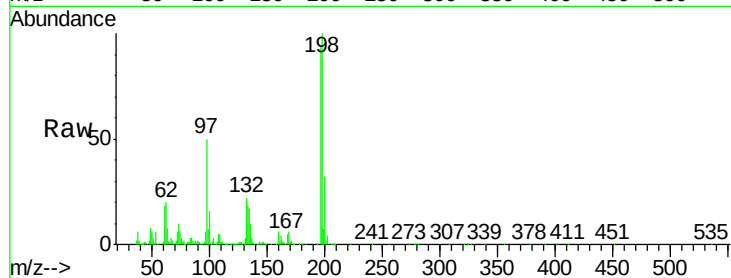
#43
 2,4,5-Trichlorophenol
 Concen: 43.63 ng
 RT: 13.40 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: BG024599.D
 Acq: 1 Nov 2016 19:10

Instrument :
 BNA_G
 ClientSampleId :
 PB94463BS

Tot Ion	196	Resp	334058
Ion Ratio	Lower	Upper	
196	100		
198	106.8	79.9	119.9
97	53.1	45.4	68.0
132	23.5	20.7	31.1

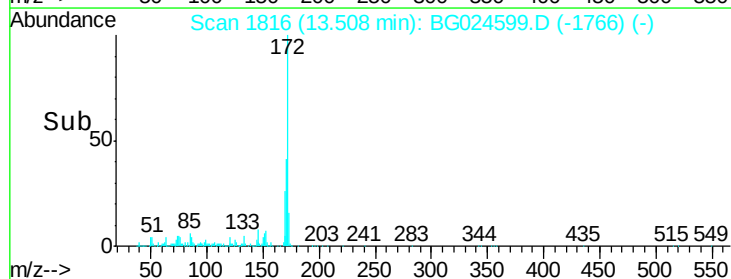
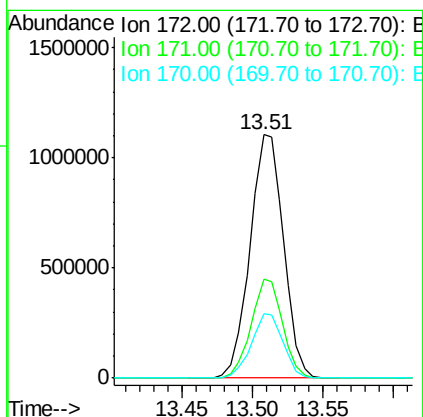
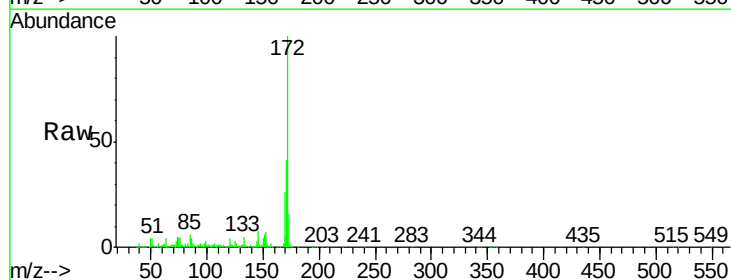
Manual Integrations
 APPROVED

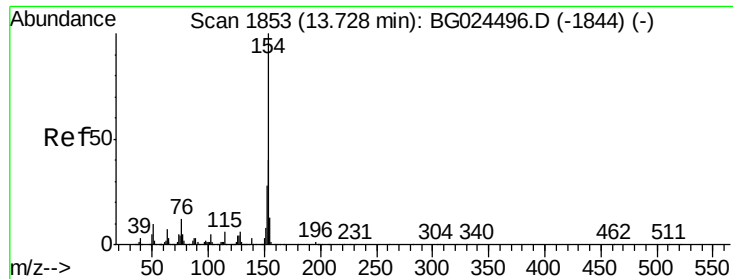
Umangi
 11/2/2016 5:43:48 PM



#44
 2-Fluorobiphenyl
 Concen: 87.21 ng
 RT: 13.51 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: BG024599.D
 Acq: 1 Nov 2016 19:10

Tgt Ion	172	Resp	1832977
Ion Ratio	Lower	Upper	
172	100		
171	40.6	32.2	48.2
170	26.4	21.8	32.6





#45

1,1'-Biphenyl

Concen: 40.98 ng

RT: 13.72 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BG024599.D

Acq: 1 Nov 2016 19:10

Instrument :

BNA_G

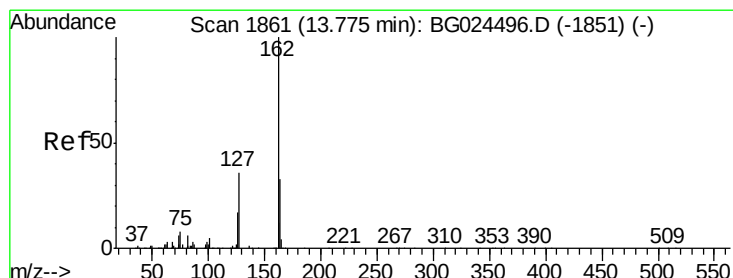
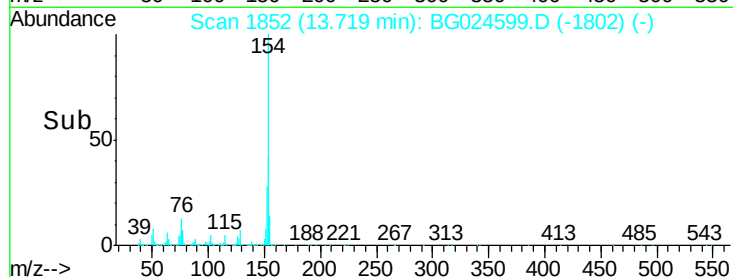
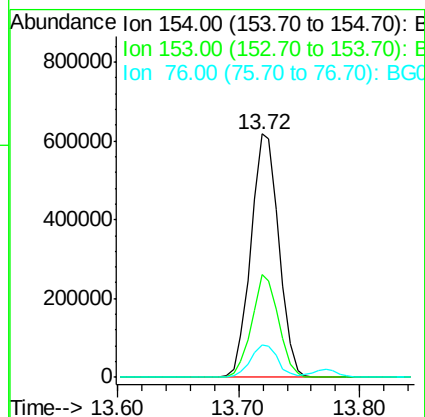
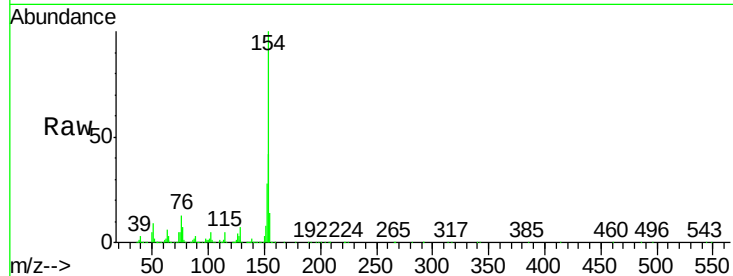
ClientSampleId :

PB94463BS

Tot Ion:	154	Resp:	993421
Ion Ratio	Lower	Upper	
154	100		
153	42.0	23.0	63.0
76	13.1	0.0	33.5

Manual Integrations
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#46

2-Chloronaphthalene

Concen: 44.17 ng

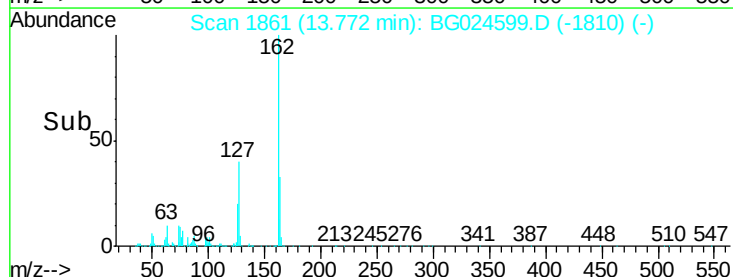
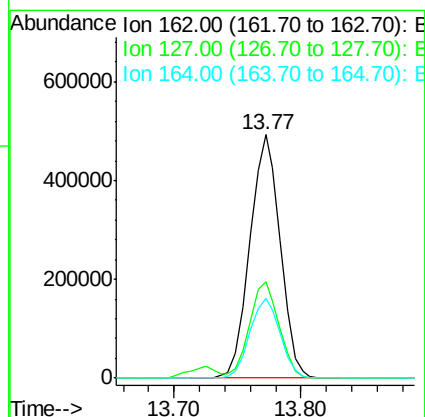
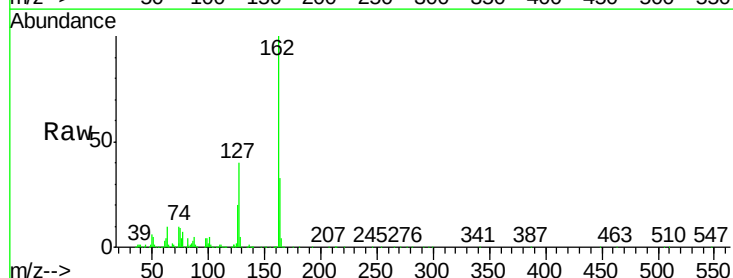
RT: 13.77 min Scan# 1861

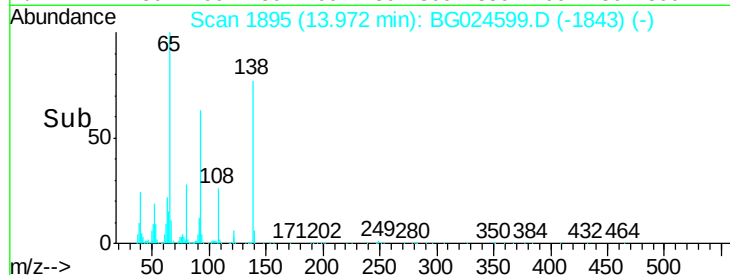
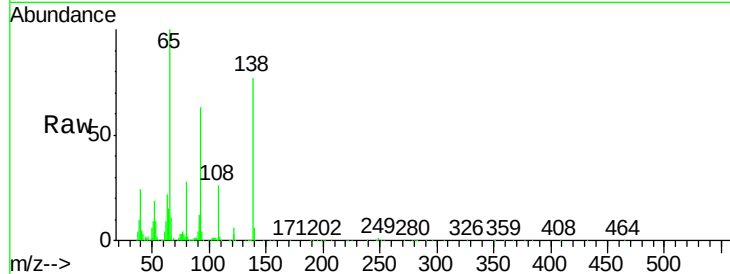
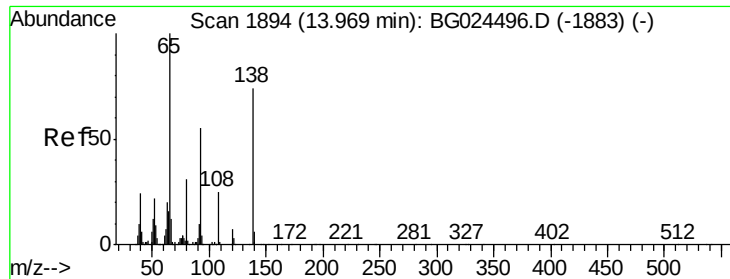
Delta R.T. -0.00 min

Lab File: BG024599.D

Acq: 1 Nov 2016 19:10

Tgt Ion:	162	Resp:	815438
Ion Ratio	Lower	Upper	
162	100		
127	39.7	32.2	48.4
164	32.7	27.3	40.9





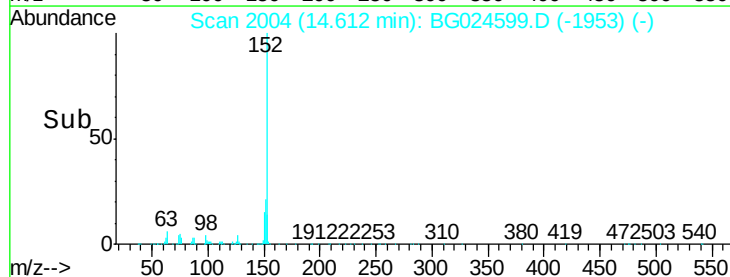
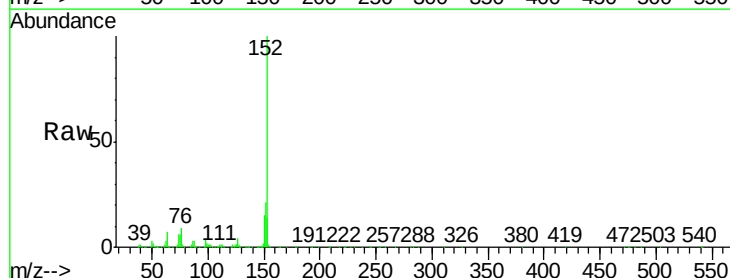
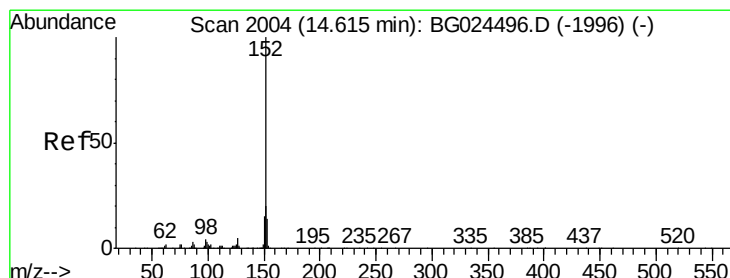
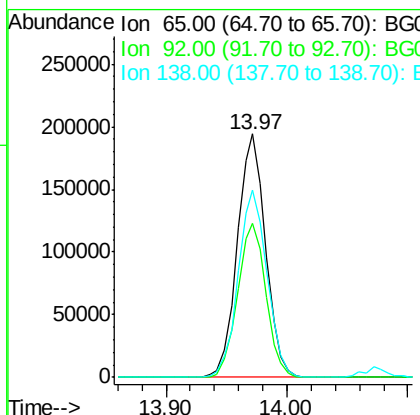
#47
2-Nitroaniline
Concen: 41.79 ng
RT: 13.97 min Scan# 1895
Delta R.T. 0.00 min
Lab File: BG024599.D
Acq: 1 Nov 2016 19:10

Tot Ion	Ratio	Lower	Upper
65	100		
92	63.0	49.0	73.4
138	76.9	58.6	87.8

Instrument :
BNA_G
ClientSampled :
PB94463BS

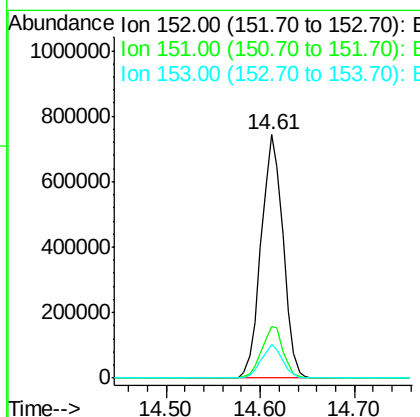
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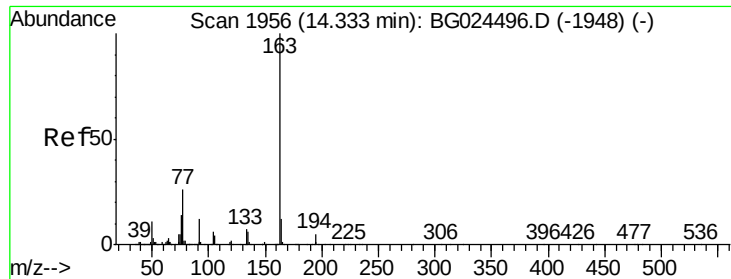
Umangi
11/2/2016 5:43:48 PM



#48
Acenaphthylene
Concen: 42.25 ng
RT: 14.61 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BG024599.D
Acq: 1 Nov 2016 19:10

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.2	18.2	27.2
153	14.1	11.3	16.9





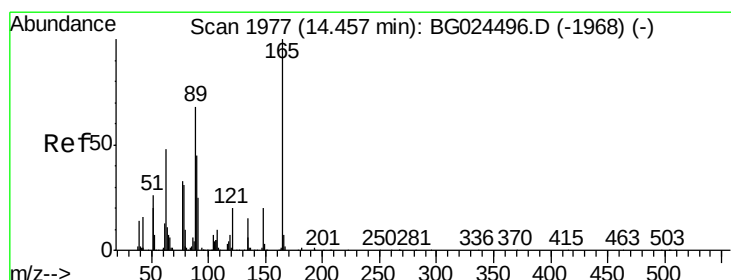
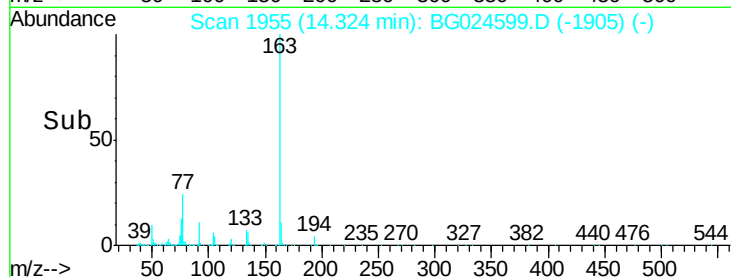
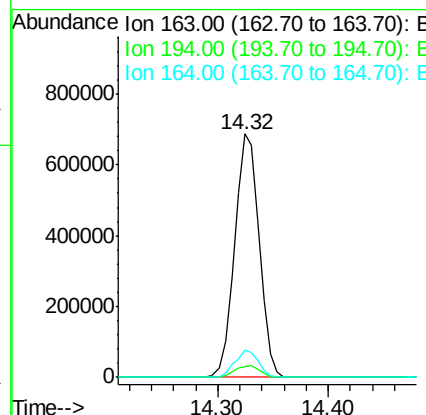
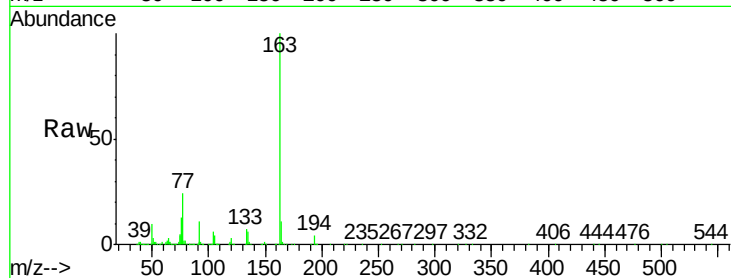
#49
Dimethylphthalate
Concen: 43.15 ng
RT: 14.32 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BG024599.D
Acq: 1 Nov 2016 19:10

Instrument :
BNA_G
ClientSampleId :
PB94463BS

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.8	5.6
164	11.3	9.3	13.9

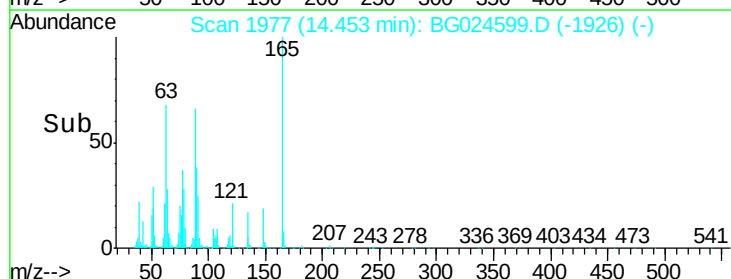
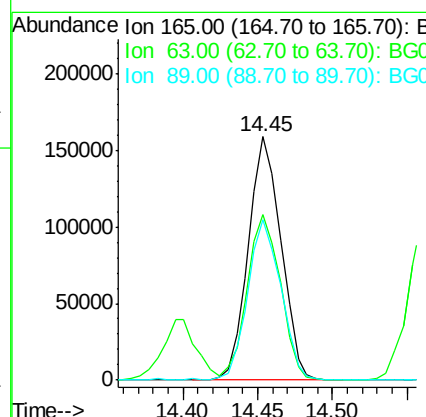
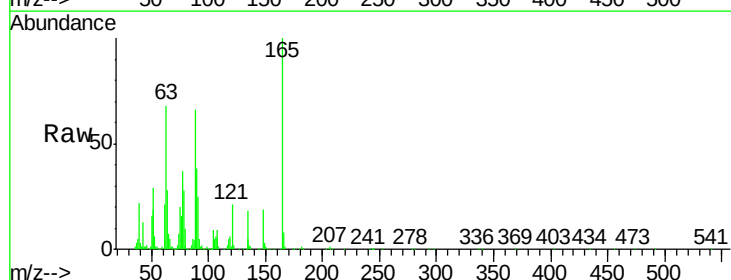
Manual Integrations
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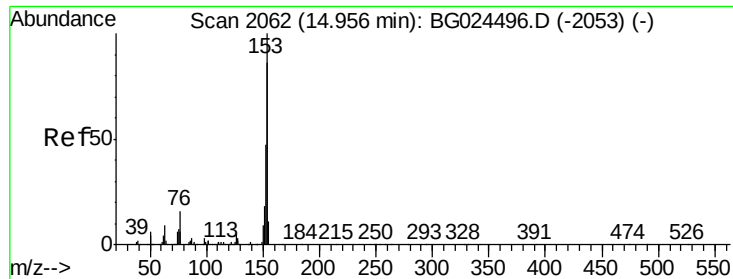
Umangi
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#50
2,6-Dinitrotoluene
Concen: 45.43 ng
RT: 14.45 min Scan# 1977
Delta R.T. -0.00 min
Lab File: BG024599.D
Acq: 1 Nov 2016 19:10

Tgt Ion	Ratio	Lower	Upper
165	100		
63	68.0	63.9	95.9
89	65.8	58.6	88.0





#51

Acenaphthene

Concen: 37.44 ng

RT: 14.95 min Scan# 2061

Delta R.T. -0.01 min

Lab File: BG024599.D

Acq: 1 Nov 2016 19:10

Instrument :

BNA_G

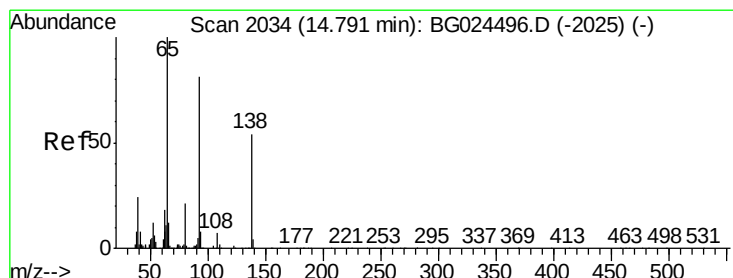
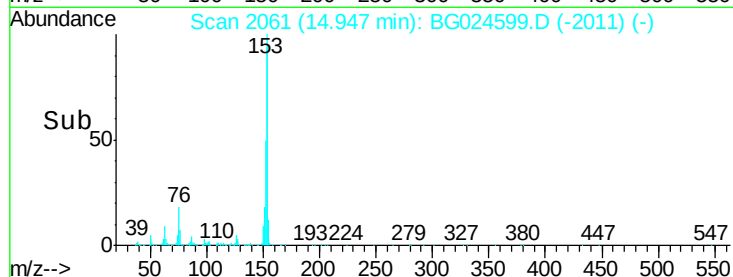
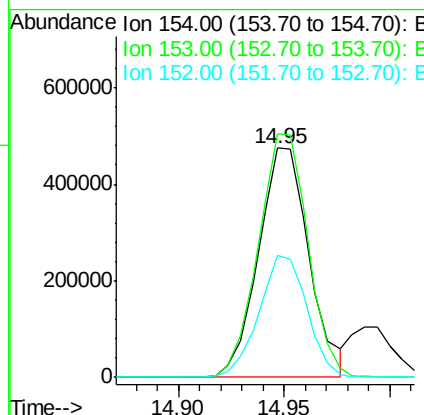
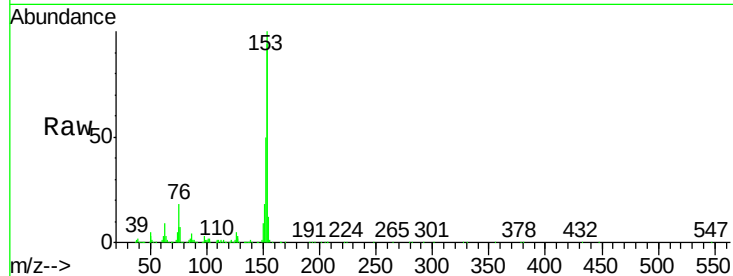
ClientSampleId :

PB94463BS

Tot Ion:	154	Resp:	790202
Ion Ratio	Lower	Upper	
154	100		
153	106.1	87.8	131.6
152	52.9	42.2	63.4

Manual Integrations
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#52

3-Nitroaniline

Concen: 19.37 ng

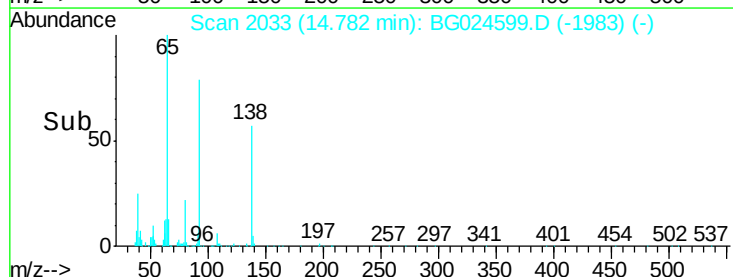
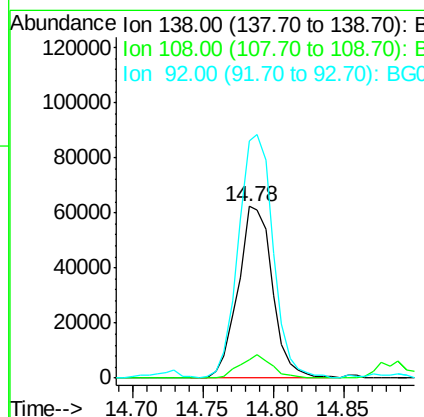
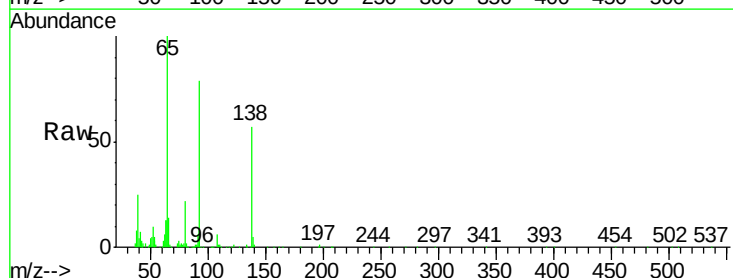
RT: 14.78 min Scan# 2033

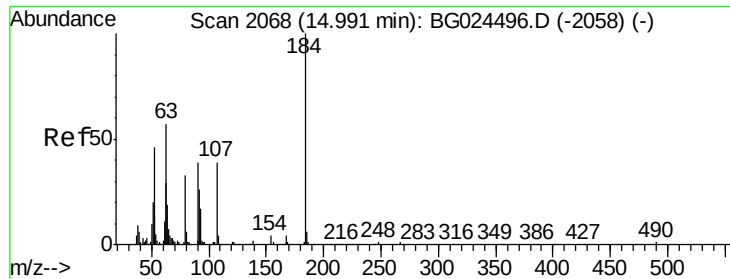
Delta R.T. -0.01 min

Lab File: BG024599.D

Acq: 1 Nov 2016 19:10

Tgt Ion:	138	Resp:	106101
Ion Ratio	Lower	Upper	
138	100		
108	11.1	10.9	16.3
92	138.2	115.3	172.9





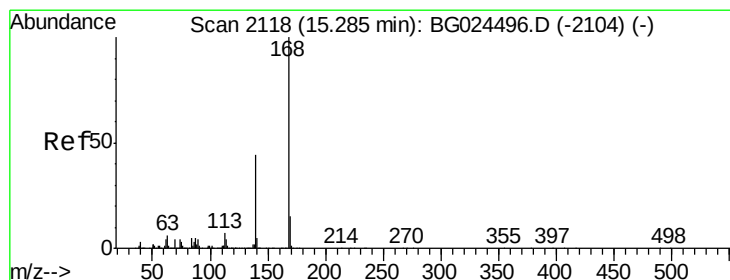
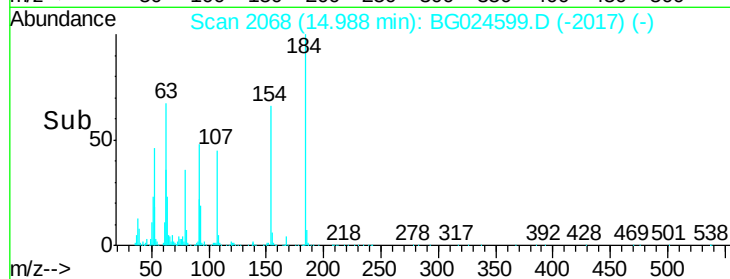
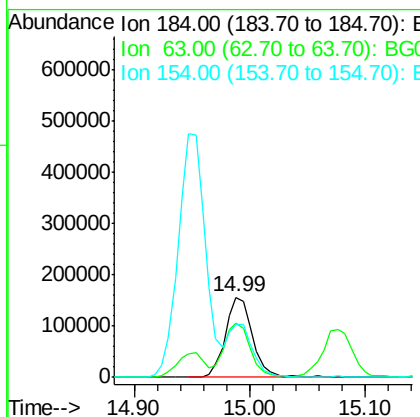
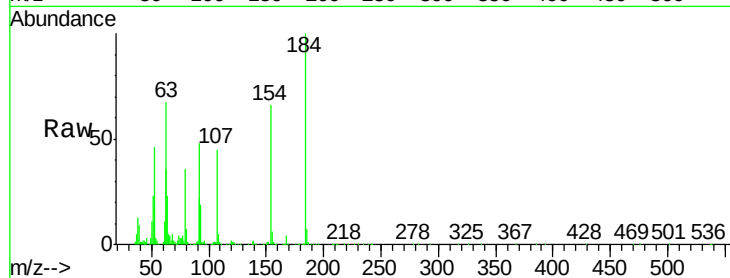
#53
2,4-Dinitrophenol
Concen: 66.10 ng
RT: 14.99 min Scan# 2068
Delta R.T. -0.00 min
Lab File: BG024599.D
Acq: 1 Nov 2016 19:10

Instrument :
BNA_G
ClientSampleId :
PB94463BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	66.8	52.7	79.1
154	66.0	57.3	85.9

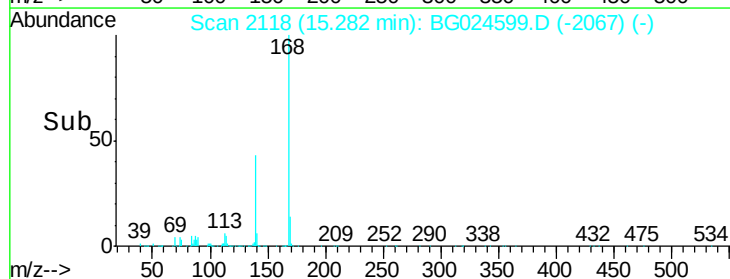
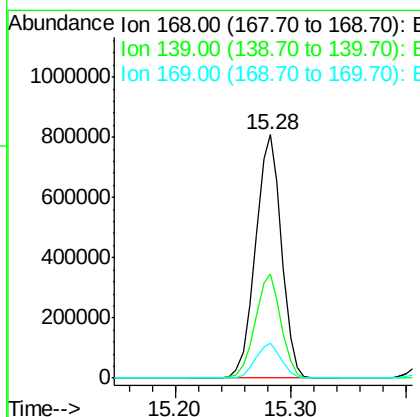
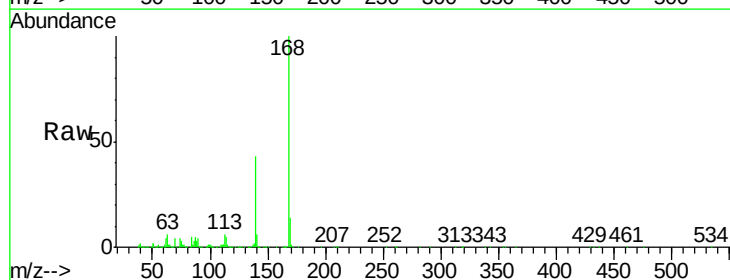
Manual Integrations
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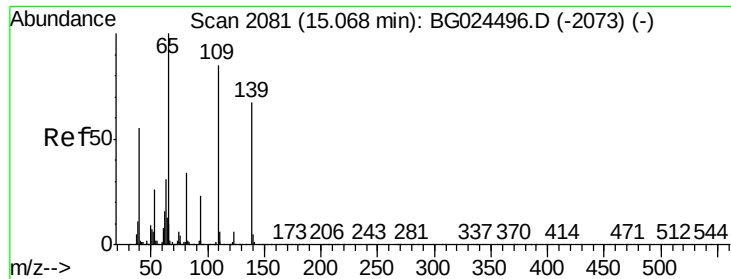
Umangi
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#54
Dibenzofuran
Concen: 43.08 ng
RT: 15.28 min Scan# 2118
Delta R.T. -0.00 min
Lab File: BG024599.D
Acq: 1 Nov 2016 19:10

Tgt Ion	Ratio	Lower	Upper
168	100		
139	42.6	35.3	52.9
169	14.3	11.5	17.3





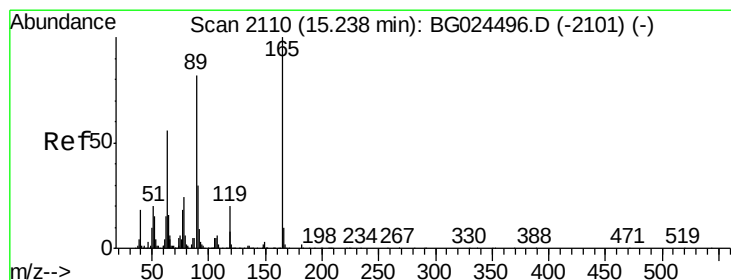
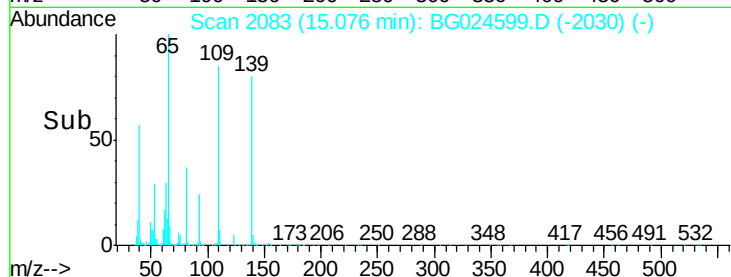
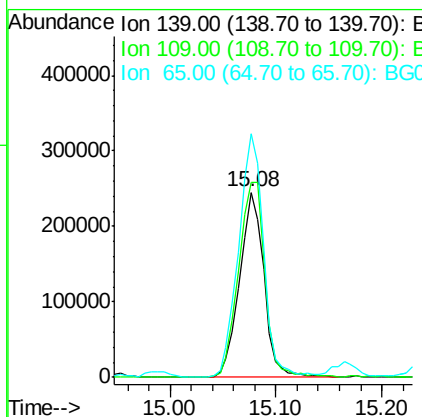
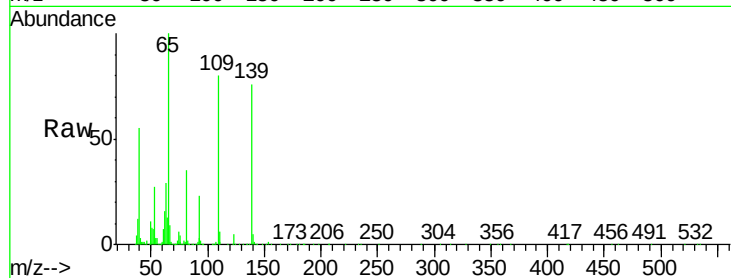
#55
4-Nitrophenol
Concen: 82.07 ng
RT: 15.08 min Scan# 2083
Delta R.T. 0.01 min
Lab File: BG024599.D
Acq: 1 Nov 2016 19:10

Instrument :
BNA_G
ClientSampleId :
PB94463BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	105.7	101.2	141.2
65	131.7	135.3	175.3#

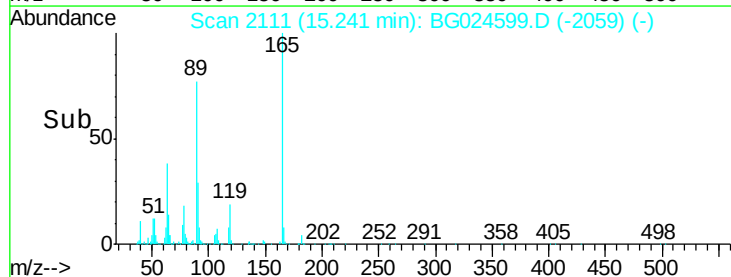
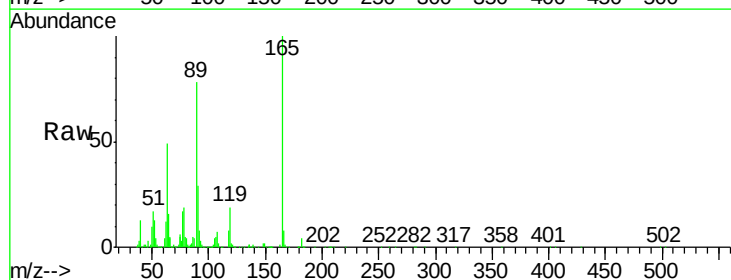
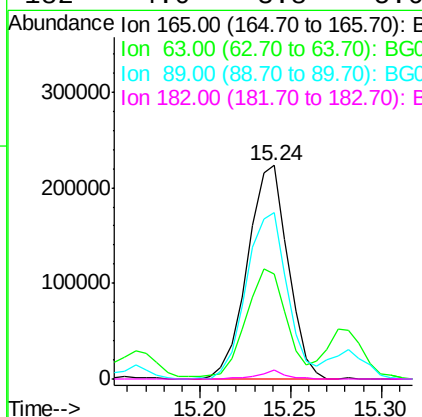
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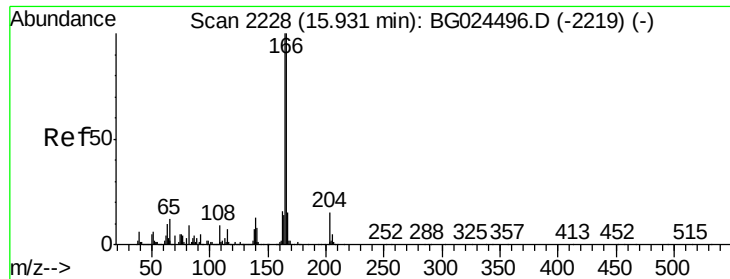
Umangi
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#56
2,4-Dinitrotoluene
Concen: 44.99 ng
RT: 15.24 min Scan# 2111
Delta R.T. 0.00 min
Lab File: BG024599.D
Acq: 1 Nov 2016 19:10

Tgt Ion	Ratio	Lower	Upper
165	100		
63	49.1	44.0	66.0
89	78.1	67.3	100.9
182	4.0	3.8	5.6





#57

Fluorene

Concen: 41.82 ng

RT: 15.93 min Scan# 2228

Delta R.T. -0.00 min

Lab File: BG024599.D

Acq: 1 Nov 2016 19:10

Instrument :

BNA_G

ClientSampleId :

PB94463BS

Tot Ion:166 Resp: 1011747

Ion Ratio Lower Upper

166 100

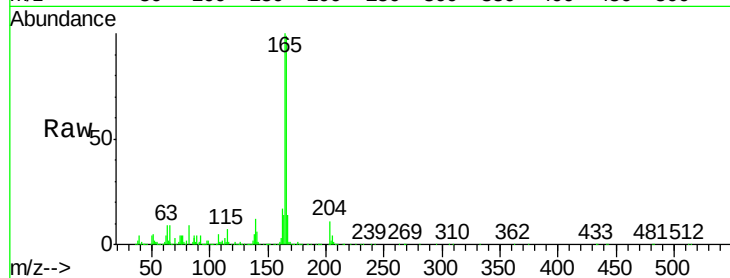
165 100.6 78.6 117.8

167 14.5 11.6 17.4

Manual Integrations
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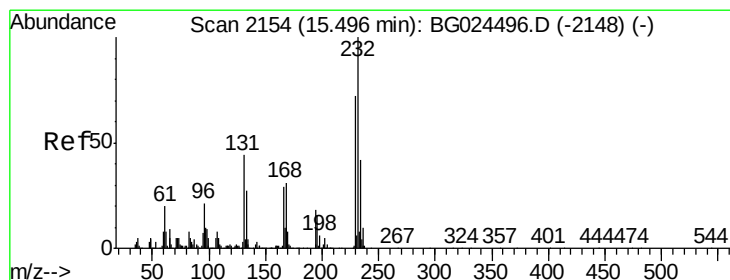
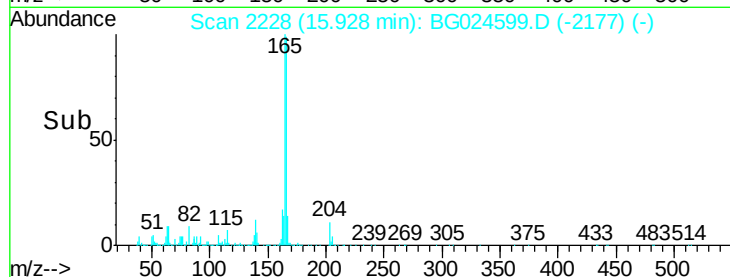
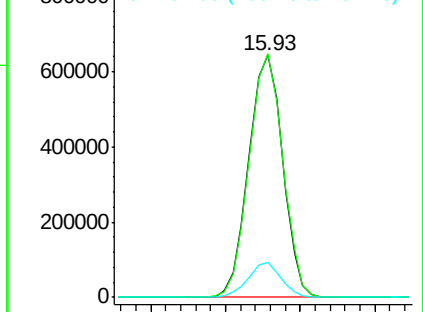


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.88 ng

RT: 15.50 min Scan# 2155

Delta R.T. 0.00 min

Lab File: BG024599.D

Acq: 1 Nov 2016 19:10

Tgt Ion:232 Resp: 364244

Ion Ratio Lower Upper

232 100

131 38.4 34.9 52.3

130 2.4 2.3 3.5

166 26.5 24.2 36.4

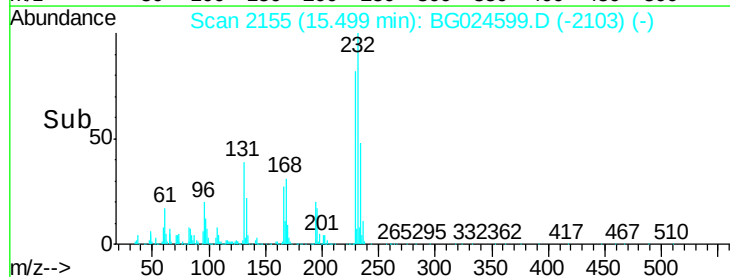
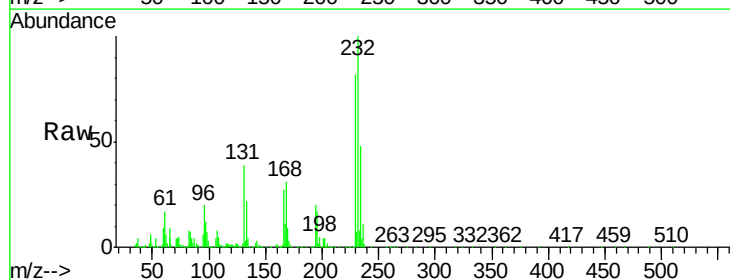
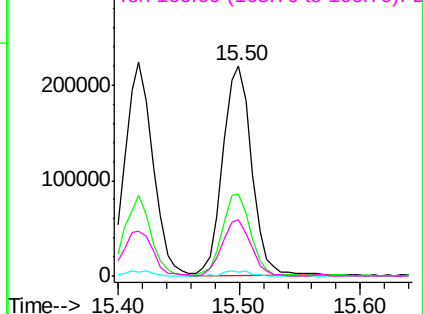
Abundance

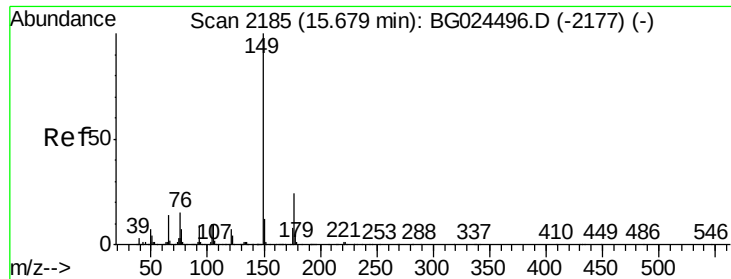
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





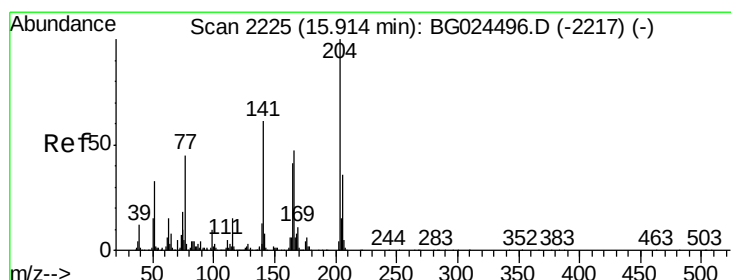
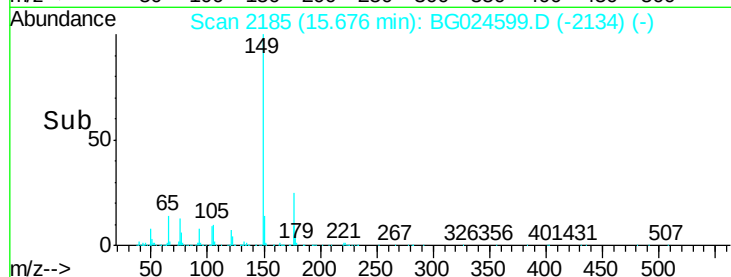
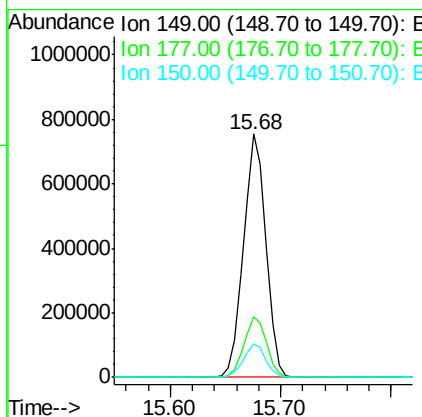
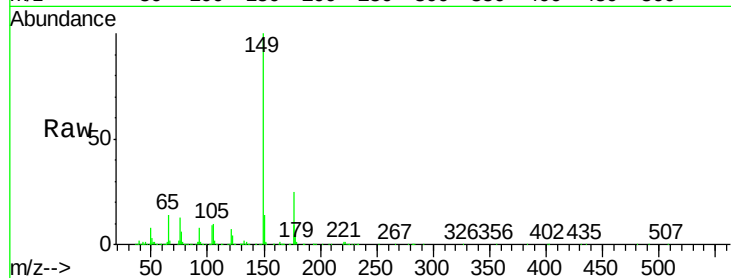
#59
Diethylphthalate
Concen: 41.34 ng
RT: 15.68 min Scan# 2185
Delta R.T. -0.00 min
Lab File: BG024599.D
Acq: 1 Nov 2016 19:10

Instrument :
BNA_G
ClientSampleId :
PB94463BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	25.0	20.1	30.1
150	13.7	10.2	15.2

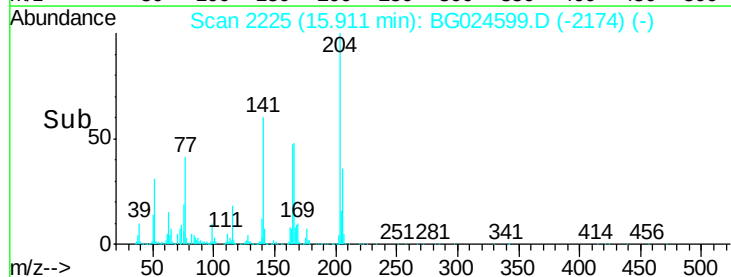
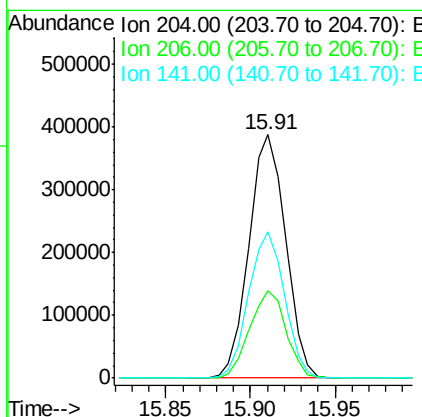
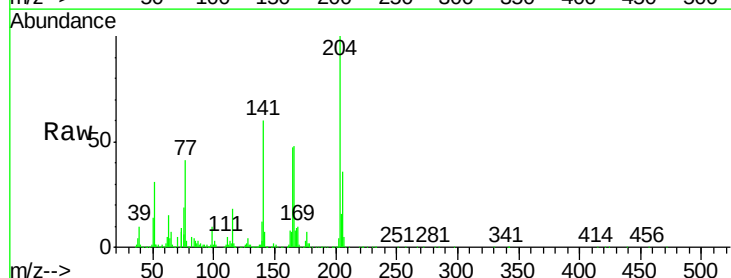
Manual Integrations
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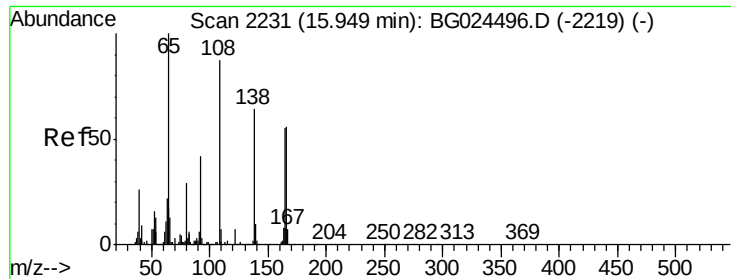
Umangi
11/2/2016 5:43:48 PM



#60
4-Chlorophenyl-phenylether
Concen: 43.19 ng
RT: 15.91 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BG024599.D
Acq: 1 Nov 2016 19:10

Tgt Ion	Ratio	Lower	Upper
204	100		
206	35.9	30.1	45.1
141	60.2	50.6	76.0





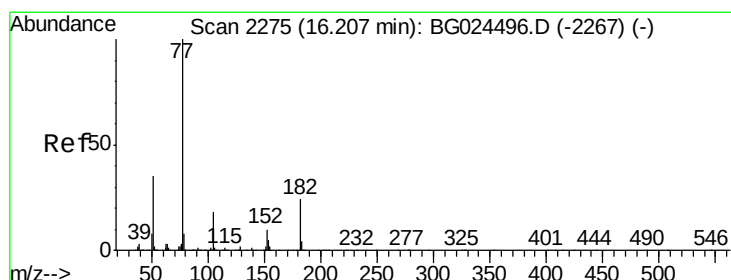
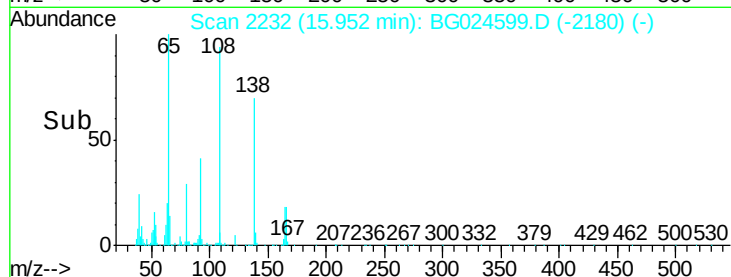
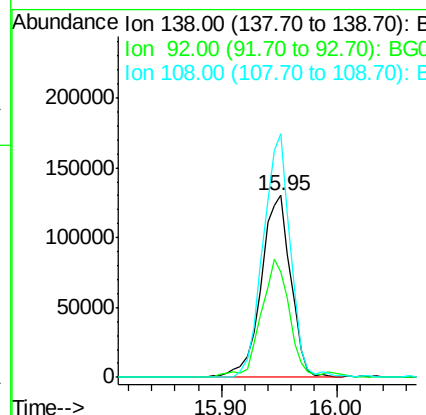
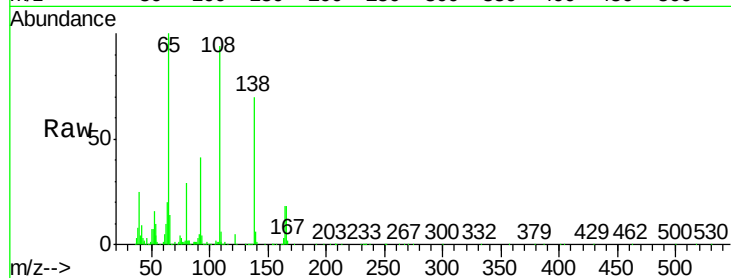
#61
4-Nitroaniline
Concen: 39.06 ng
RT: 15.95 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BG024599.D
Acq: 1 Nov 2016 19:10

Instrument :
BNA_G
ClientSampleId :
PB94463BS

Tot Ion:138 Resp: 233756
Ion Ratio Lower Upper
138 100
92 57.8 44.2 84.2
108 133.9 104.8 144.8

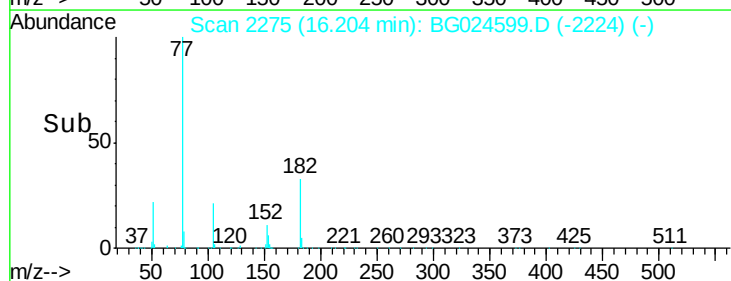
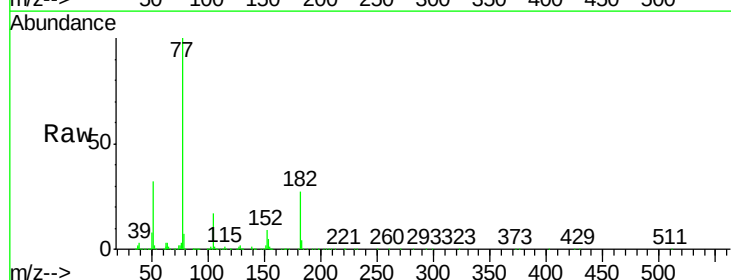
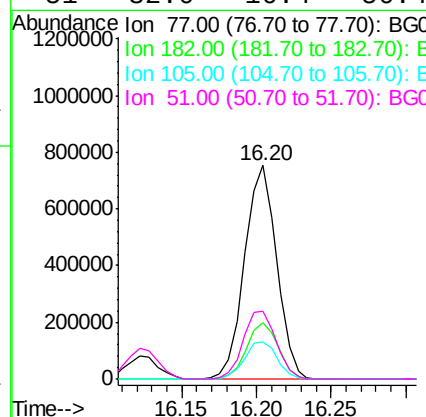
Manual Integrations
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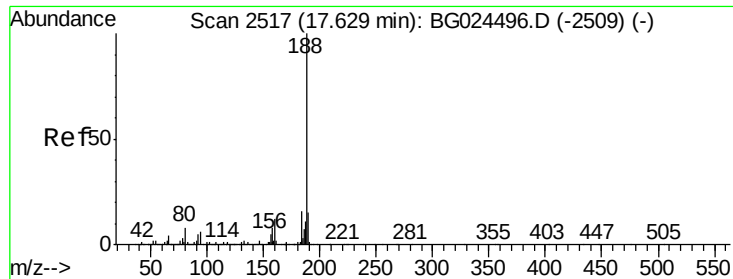
Umangi
11/2/2016 5:43:48 PM



#62
Azobenzene
Concen: 43.09 ng
RT: 16.20 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BG024599.D
Acq: 1 Nov 2016 19:10

Tgt Ion: 77 Resp: 1117529
Ion Ratio Lower Upper
77 100
182 26.6 4.7 44.7
105 17.3 0.0 36.3
51 32.0 16.4 56.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.63 min Scan# 2517

Delta R.T. -0.00 min

Lab File: BG024599.D

Acq: 1 Nov 2016 19:10

Instrument :

BNA_G

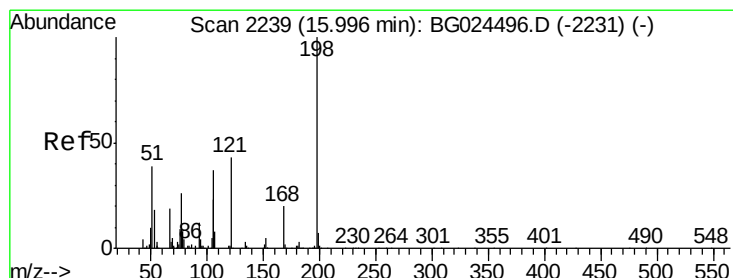
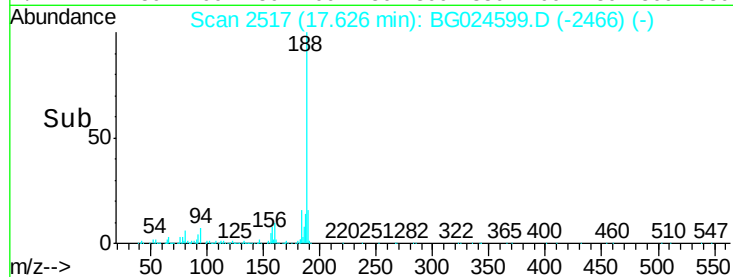
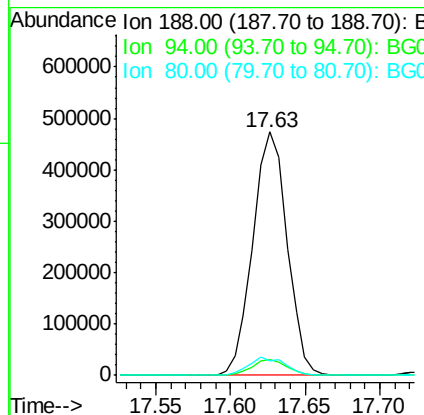
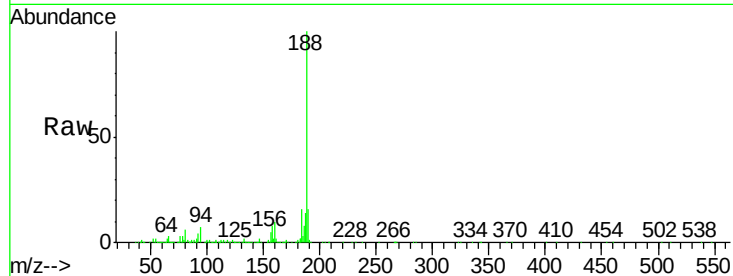
ClientSampleId :

PB94463BS

Tot Ion:	188	Resp:	751810
Ion Ratio	Lower	Upper	
188	100		
94	6.5	5.8	8.8
80	6.1	7.5	11.3#

Manual Integrations
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#64

4,6-Dinitro-2-methylphenol

Concen: 40.39 ng

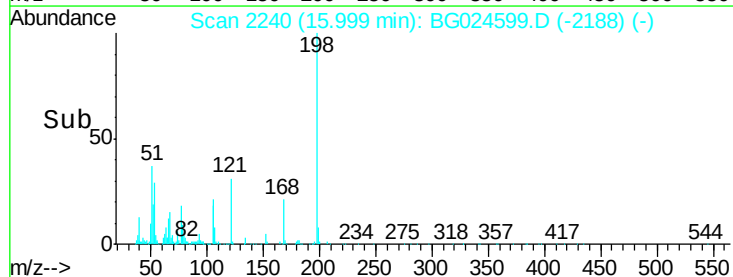
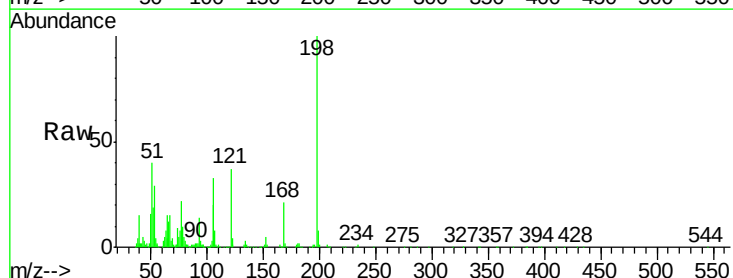
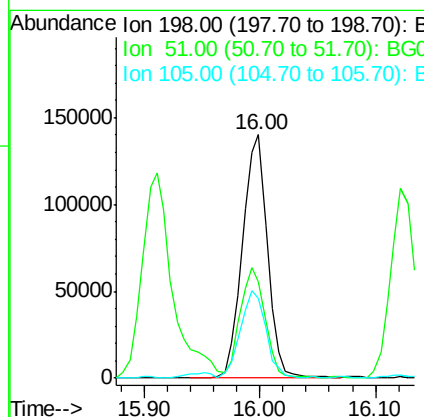
RT: 16.00 min Scan# 2240

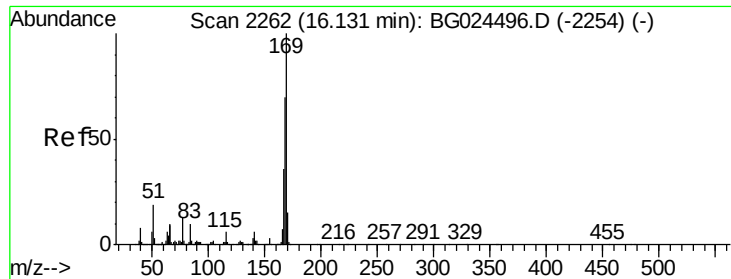
Delta R.T. 0.00 min

Lab File: BG024599.D

Acq: 1 Nov 2016 19:10

Tgt Ion:	198	Resp:	209196
Ion Ratio	Lower	Upper	
198	100		
51	39.5	22.6	62.6
105	33.0	14.4	54.4





#65

n-Nitrosodiphenylamine

Concen: 45.77 ng

RT: 16.12 min Scan# 2261

Delta R.T. -0.01 min

Lab File: BG024599.D

Acq: 1 Nov 2016 19:10

Instrument :

BNA_G

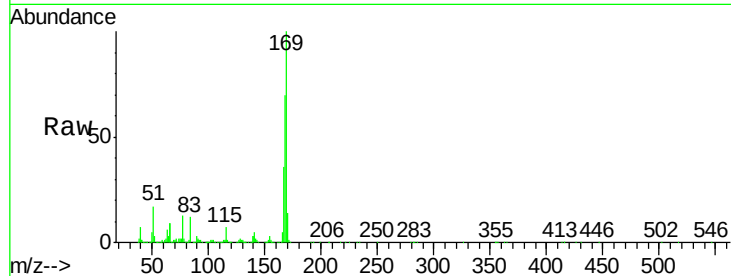
ClientSampleId :

PB94463BS

Tot Ion	Ratio	Lower	Upper
169	100		
168	69.8	55.7	83.5
167	36.1	29.8	44.6

Manual Integrations
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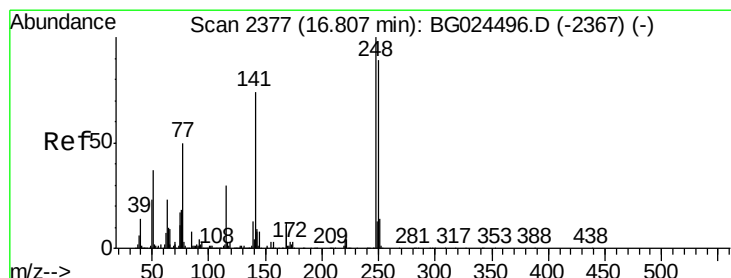
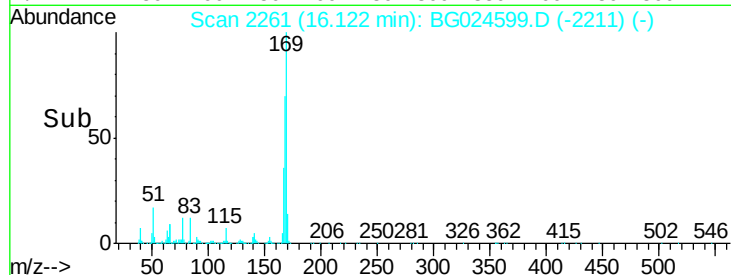
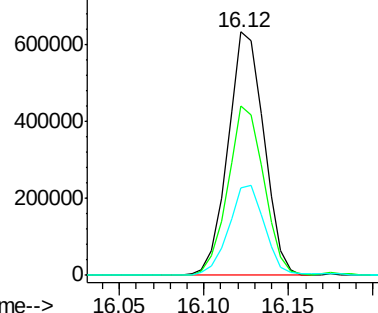


Abundance

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: 46.41 ng

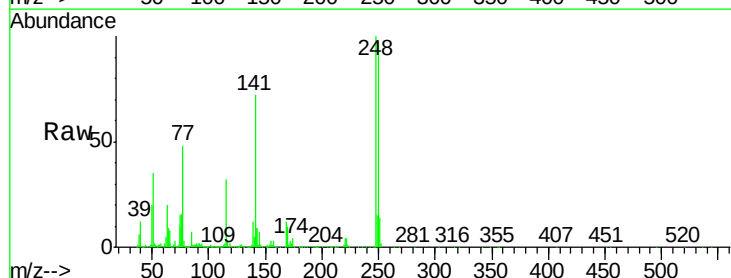
RT: 16.80 min Scan# 2377

Delta R.T. -0.00 min

Lab File: BG024599.D

Acq: 1 Nov 2016 19:10

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.2	75.0	112.6
141	72.4	55.2	82.8

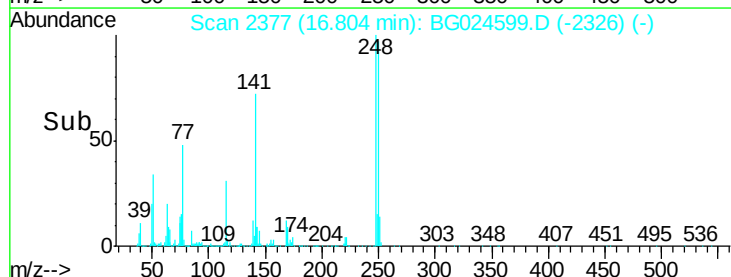
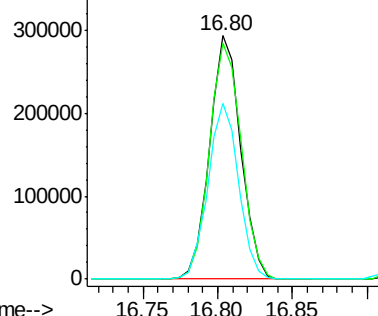


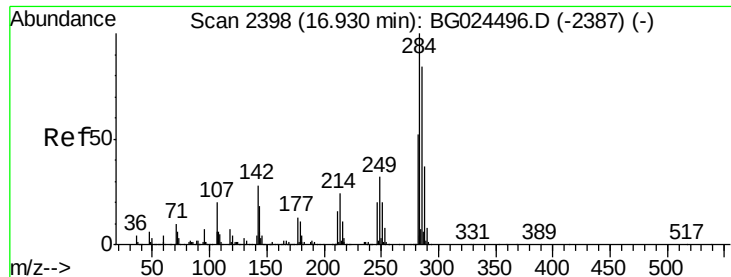
Abundance

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





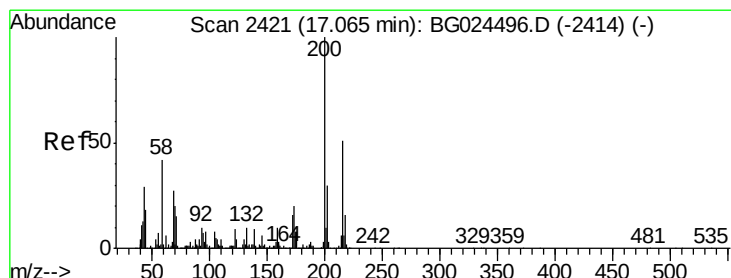
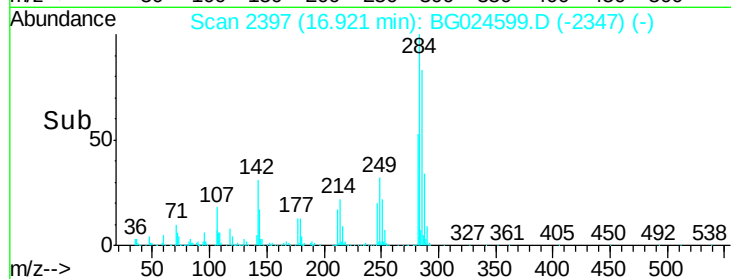
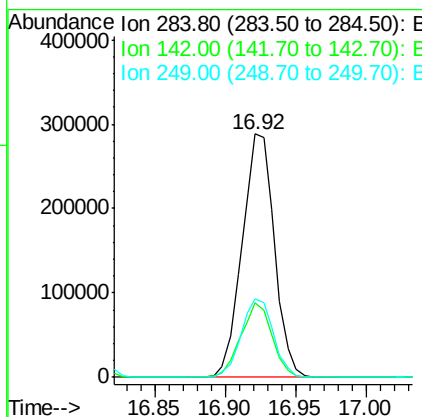
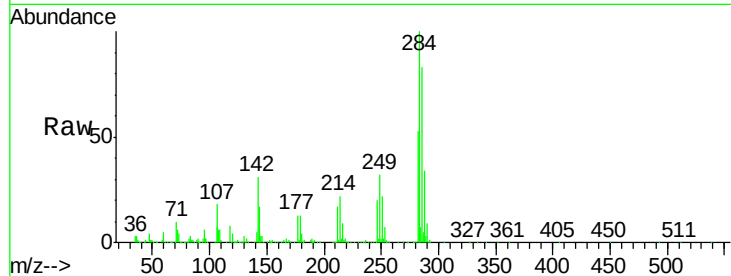
#67
Hexachlorobenzene
Concen: 45.60 ng
RT: 16.92 min Scan# 2397
Delta R.T. -0.01 min
Lab File: BG024599.D
Acq: 1 Nov 2016 19:10

Instrument :
BNA_G
ClientSampleId :
PB94463BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	459902		
142	30.5		29.9	44.9
249	32.1		29.2	43.8

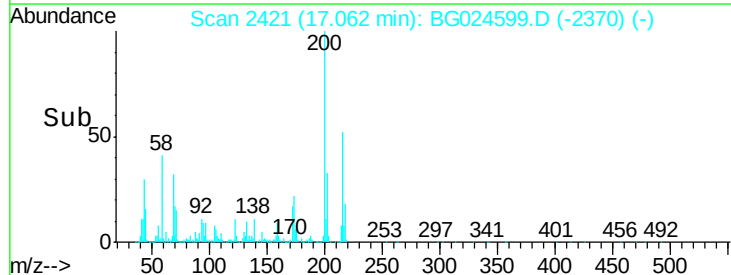
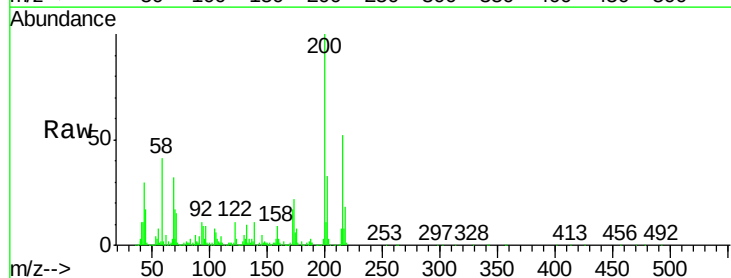
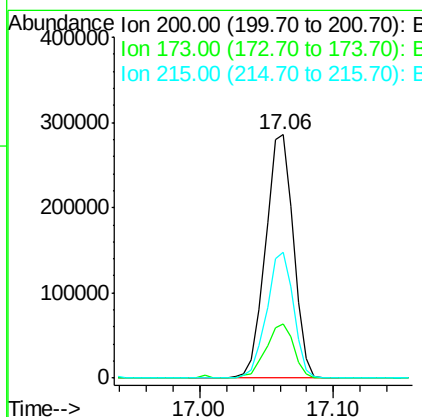
Manual Integrations
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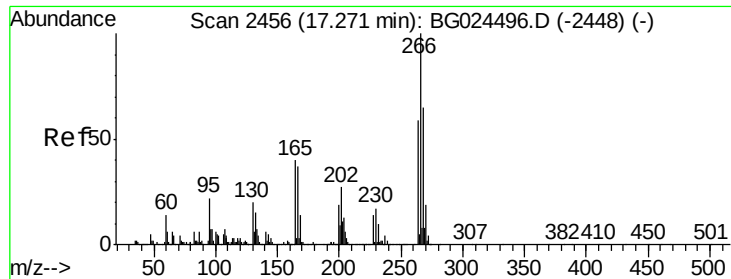
Umangi
11/2/2016 5:43:48 PM



#68
Atrazine
Concen: 46.91 ng
RT: 17.06 min Scan# 2421
Delta R.T. -0.00 min
Lab File: BG024599.D
Acq: 1 Nov 2016 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	413537		
173	22.4		3.0	43.0
215	51.5		28.4	68.4





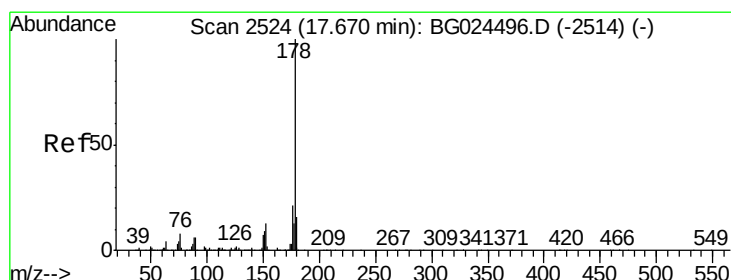
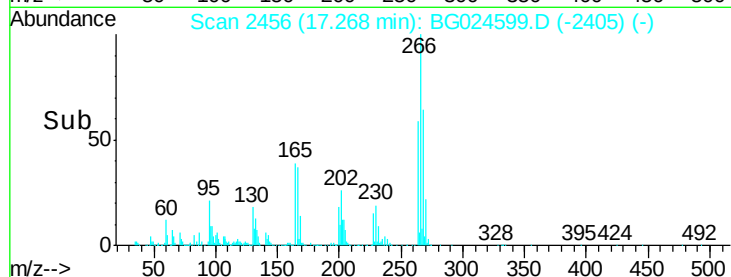
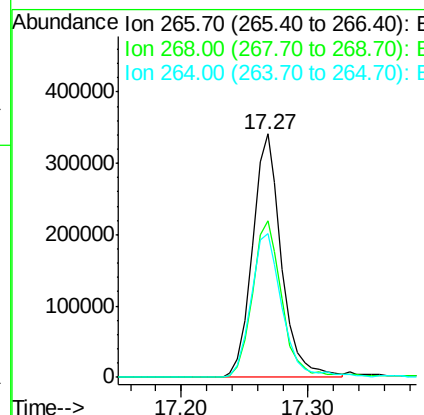
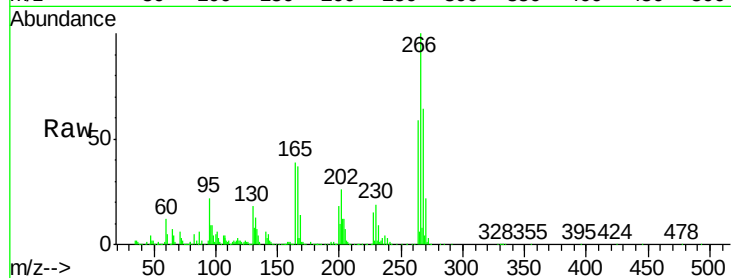
#69
 Pentachlorophenol
 Concen: 81.28 ng
 RT: 17.27 min Scan# 2456
 Delta R.T. -0.00 min
 Lab File: BG024599.D
 Acq: 1 Nov 2016 19:10

Instrument :
 BNA_G
 ClientSampleId :
 PB94463BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.3	48.6	72.8
264	59.1	50.1	75.1

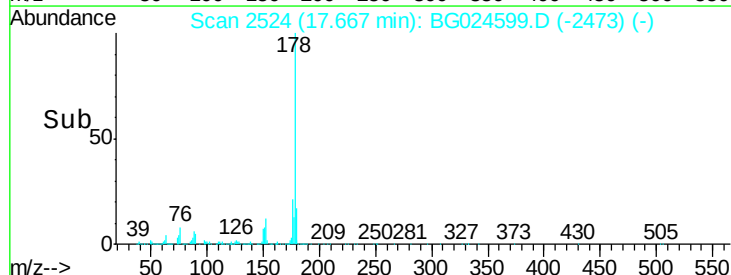
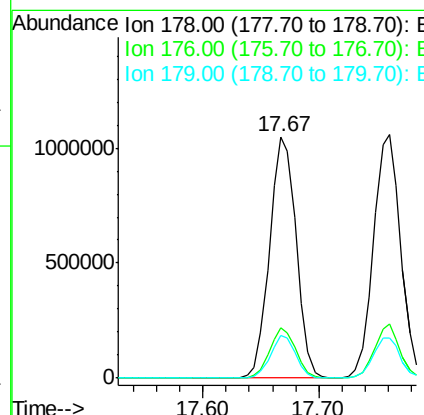
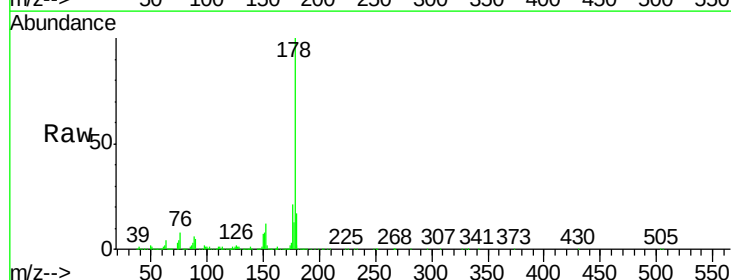
Manual Integrations
 APPROVED

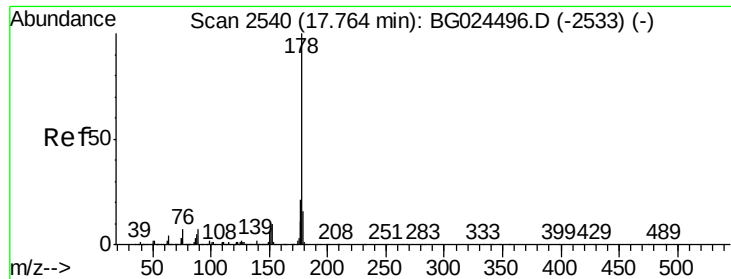
Umangi
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#70
 Phenanthrene
 Concen: 43.95 ng
 RT: 17.67 min Scan# 2524
 Delta R.T. -0.00 min
 Lab File: BG024599.D
 Acq: 1 Nov 2016 19:10

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.9	17.7	26.5
179	17.4	15.0	22.6





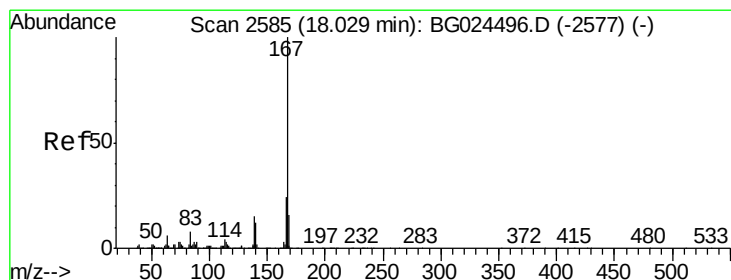
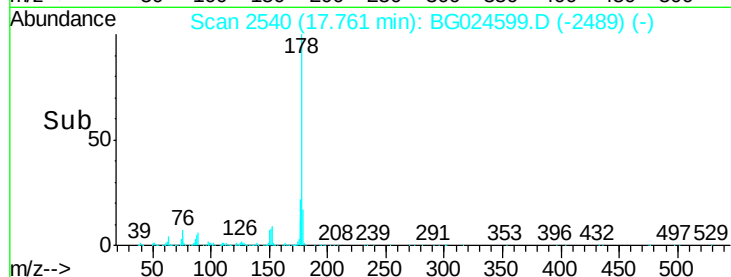
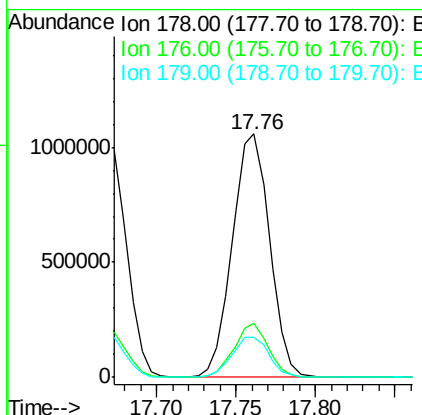
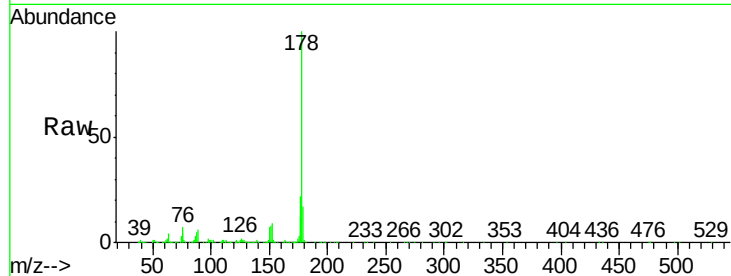
#71
 Anthracene
 Concen: 44.56 ng
 RT: 17.76 min Scan# 2540
 Delta R.T. -0.00 min
 Lab File: BG024599.D
 Acq: 1 Nov 2016 19:10

Instrument :
 BNA_G
 ClientSampleId :
 PB94463BS

Tot Ion:178 Resp: 1722642
 Ion Ratio Lower Upper
 178 100
 176 22.1 16.4 24.6
 179 16.7 13.8 20.8

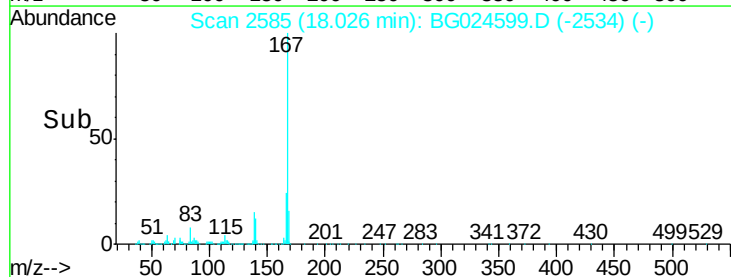
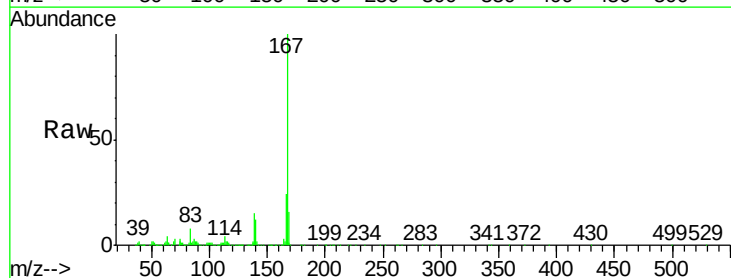
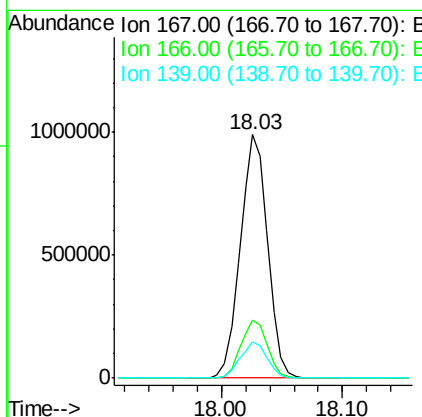
Manual Integrations
 APPROVED

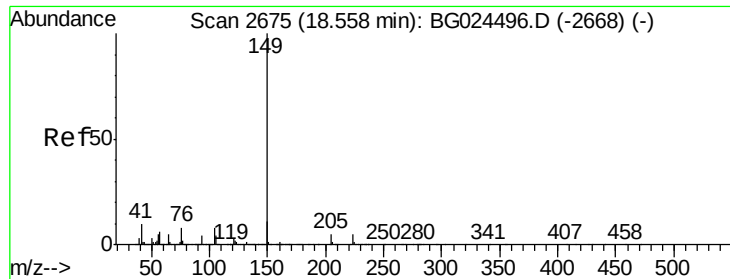
Umangi
 11/2/2016 5:43:48 PM



#72
 Carbazole
 Concen: 44.14 ng
 RT: 18.03 min Scan# 2585
 Delta R.T. -0.00 min
 Lab File: BG024599.D
 Acq: 1 Nov 2016 19:10

Tgt Ion:167 Resp: 1556460
 Ion Ratio Lower Upper
 167 100
 166 23.9 20.2 30.2
 139 14.7 12.8 19.2





#73

Di-n-butylphthalate

Concen: 43.90 ng

RT: 18.55 min Scan# 2675

Delta R.T. -0.00 min

Lab File: BG024599.D

Acq: 1 Nov 2016 19:10

Instrument :

BNA_G

ClientSampleId :

PB94463BS

Tot Ion:149 Resp: 1784841

Ion Ratio Lower Upper

149 100

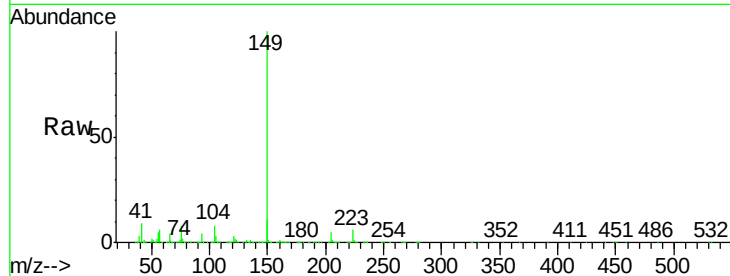
150 11.3 9.1 13.7

104 7.6 6.7 10.1

Manual Integrations
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Umangi

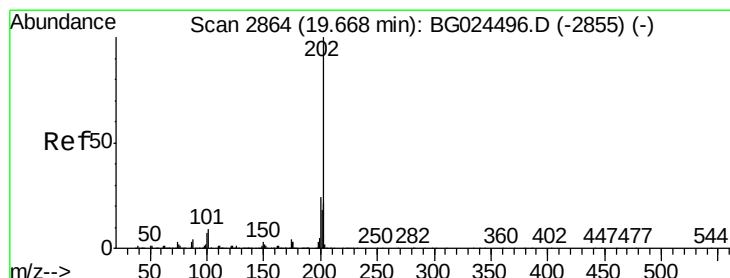
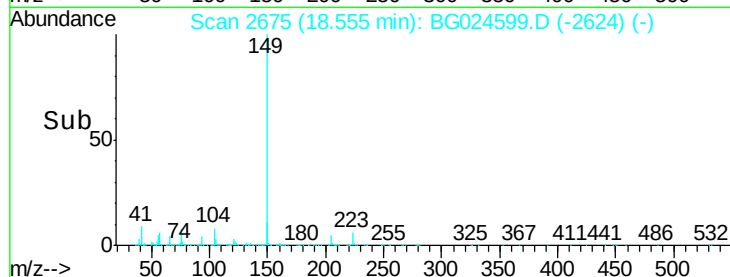
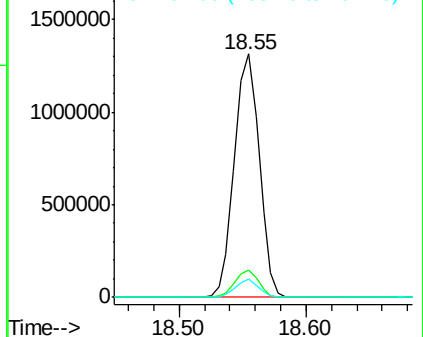
11/2/2016 5:43:48 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 44.67 ng

RT: 19.66 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG024599.D

Acq: 1 Nov 2016 19:10

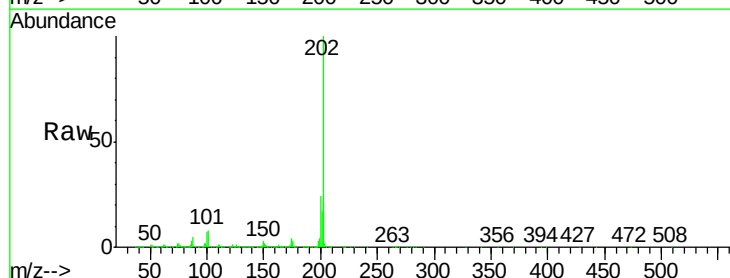
Tgt Ion:202 Resp: 2164133

Ion Ratio Lower Upper

202 100

101 8.4 0.0 30.1

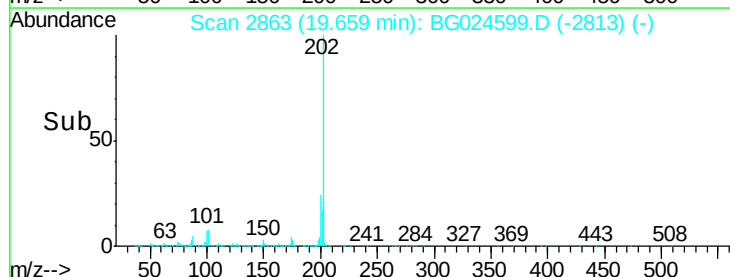
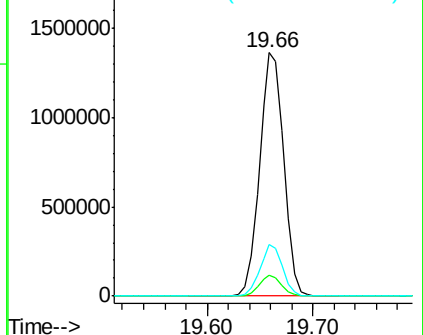
203 20.9 1.3 41.3

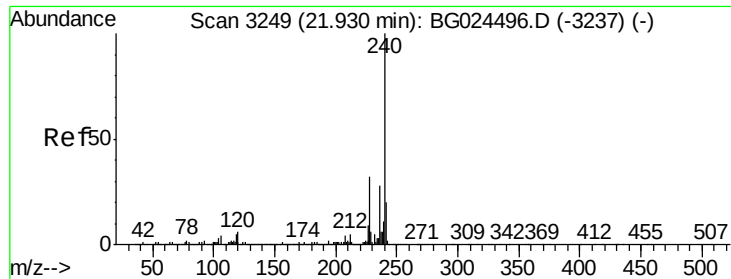


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.92 min Scan# 3248

Delta R.T. -0.01 min

Lab File: BG024599.D

Acq: 1 Nov 2016 19:10

Instrument :

BNA_G

ClientSampleId :

PB94463BS

Tot Ion:240 Resp: 1041329

Ion Ratio Lower Upper

240 100

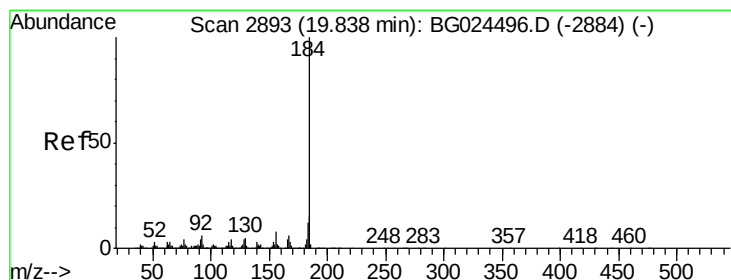
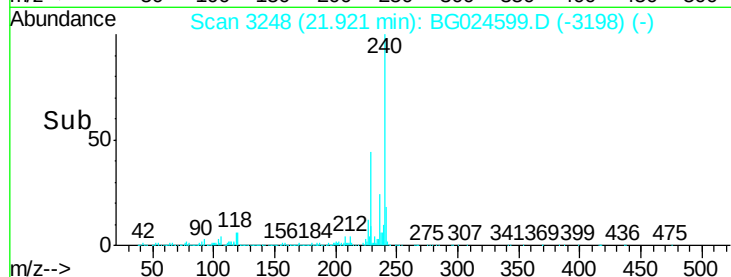
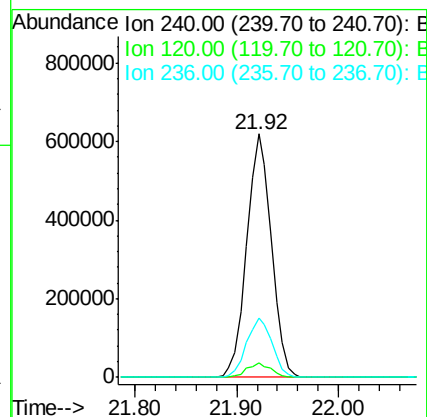
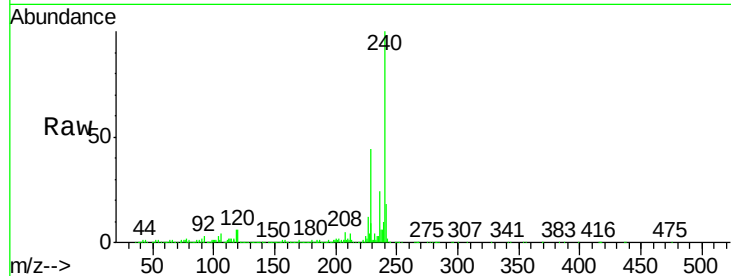
120 6.0 5.7 8.5

236 24.2 22.2 33.4

Manual Integrations
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Umangi

11/2/2016 5:43:48 PM



#76

Benzidine

Concen: 33.26 ng

RT: 19.84 min Scan# 2893

Delta R.T. -0.00 min

Lab File: BG024599.D

Acq: 1 Nov 2016 19:10

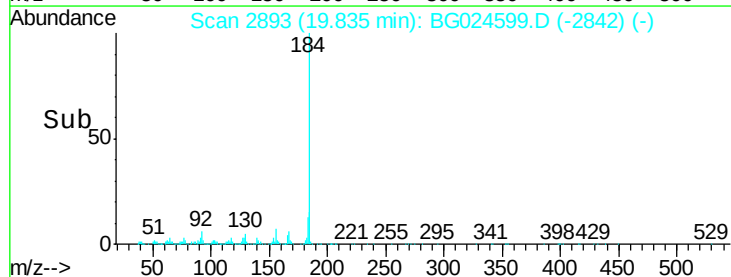
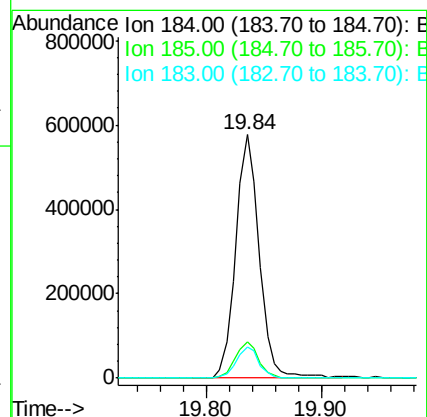
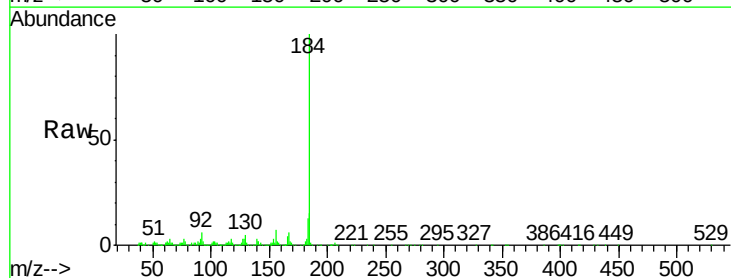
Tgt Ion:184 Resp: 815911

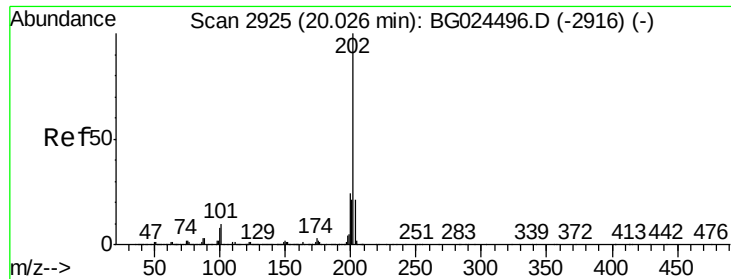
Ion Ratio Lower Upper

184 100

185 14.8 13.0 19.6

183 12.8 11.0 16.6





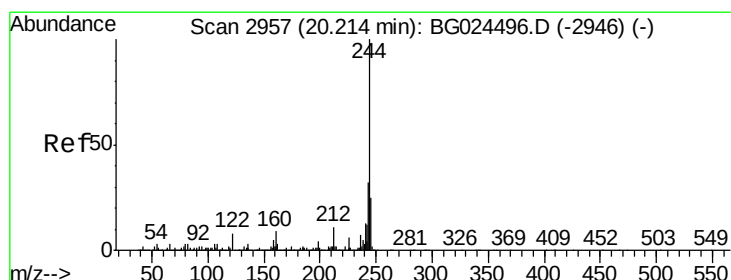
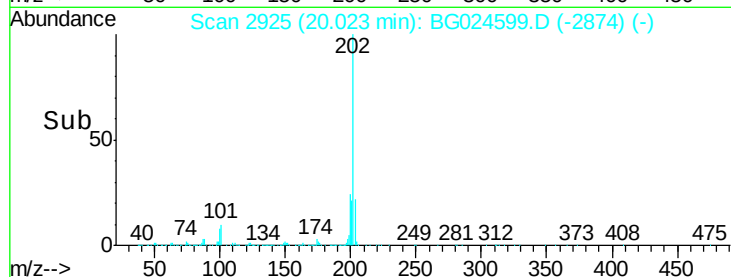
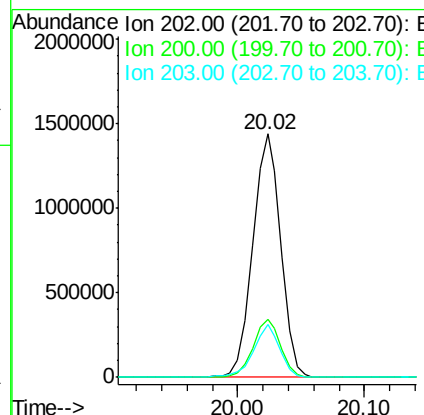
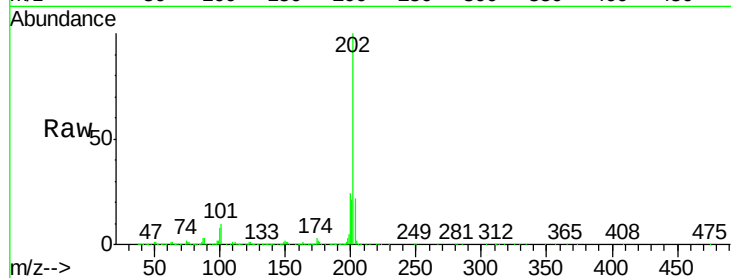
#77
Pvrene
Concen: 43.15 ng
RT: 20.02 min Scan# 2925
Delta R.T. -0.00 min
Lab File: BG024599.D
Acq: 1 Nov 2016 19:10

Instrument :
BNA_G
ClientSampleId :
PB94463BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	24.0	19.6	29.4
203	21.5	15.8	23.8

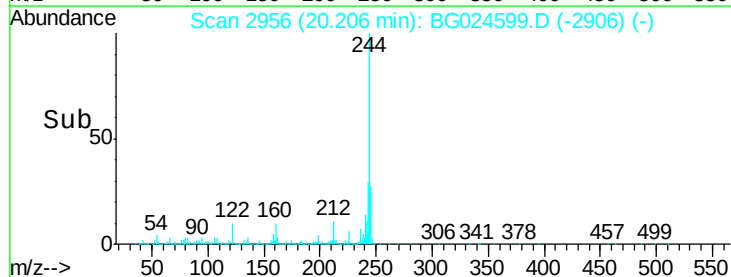
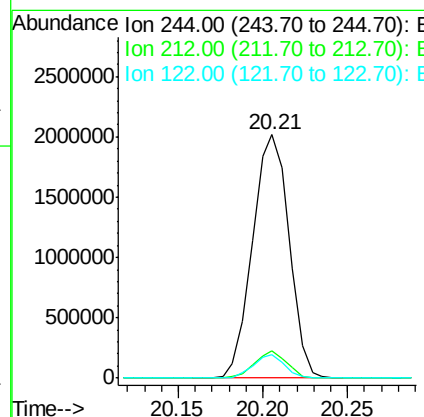
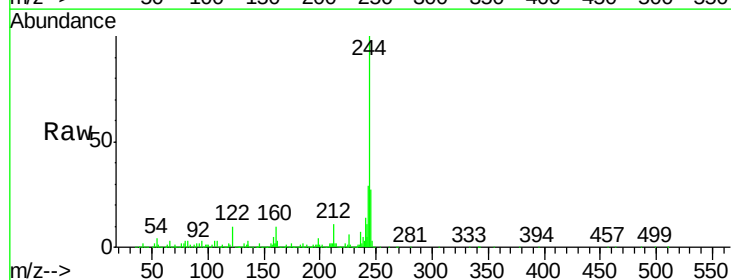
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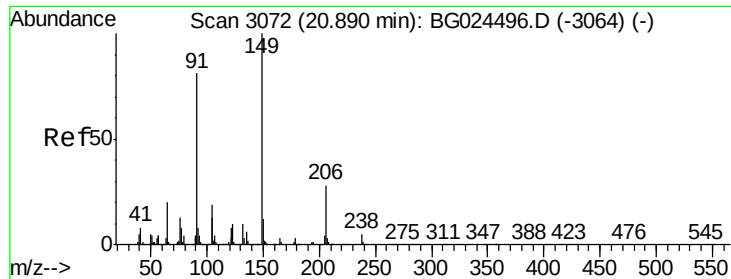
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#78
Terphenyl-d14
Concen: 86.96 ng
RT: 20.21 min Scan# 2956
Delta R.T. -0.01 min
Lab File: BG024599.D
Acq: 1 Nov 2016 19:10

Tgt Ion	Ratio	Lower	Upper
244	100		
212	11.4	10.0	15.0
122	9.5	8.6	12.8





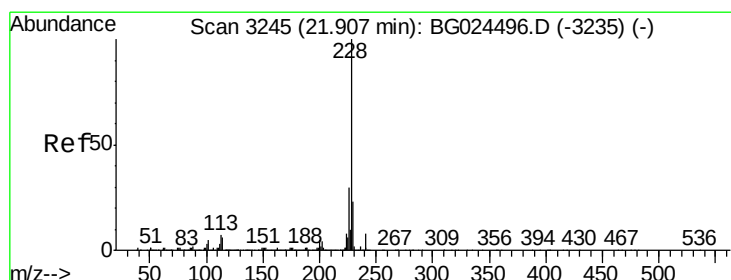
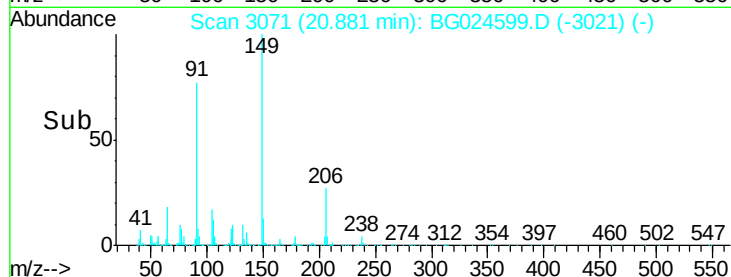
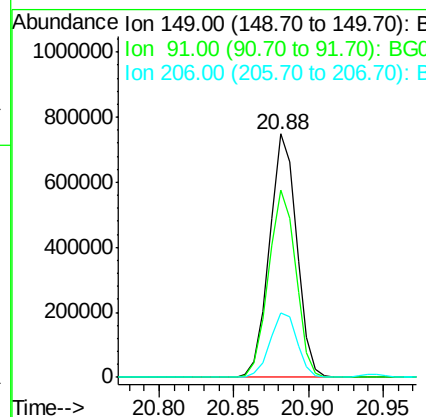
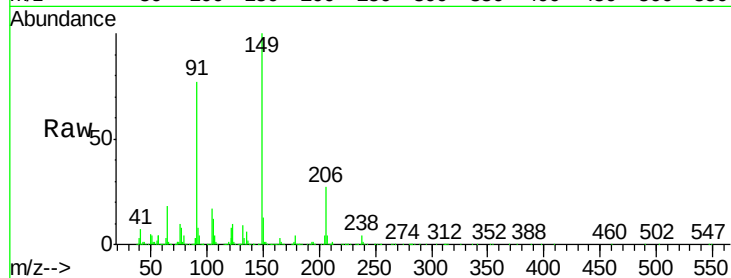
#79
Butylbenzylphthalate
Concen: 44.41 ng
RT: 20.88 min Scan# 3071
Delta R.T. -0.01 min
Lab File: BG024599.D
Acq: 1 Nov 2016 19:10

Instrument :
BNA_G
ClientSampleId :
PB94463BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	76.8	63.5	95.3
206	26.5	21.0	31.6

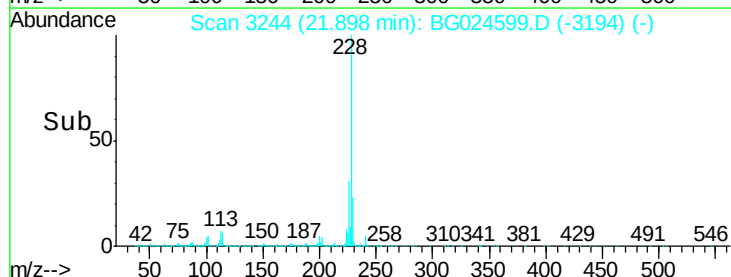
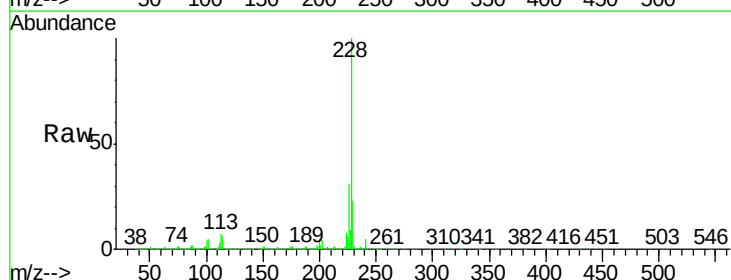
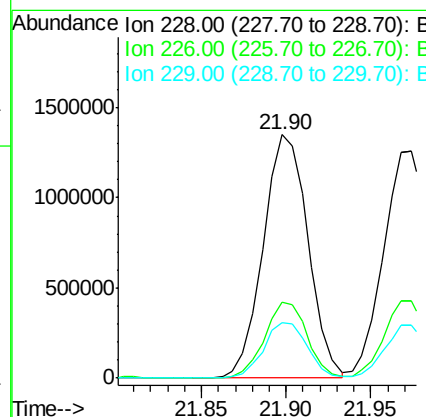
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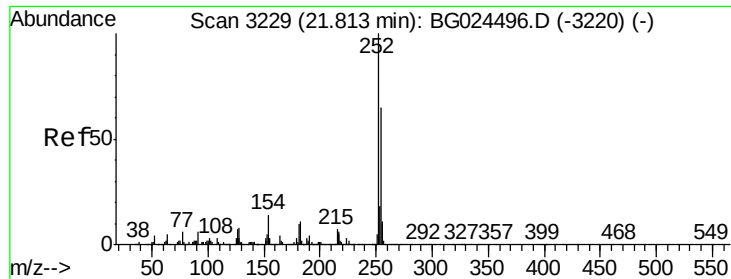
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#80
Benzo(a)anthracene
Concen: 43.46 ng
RT: 21.90 min Scan# 3244
Delta R.T. -0.01 min
Lab File: BG024599.D
Acq: 1 Nov 2016 19:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.9	37.3
229	23.0	18.2	27.2





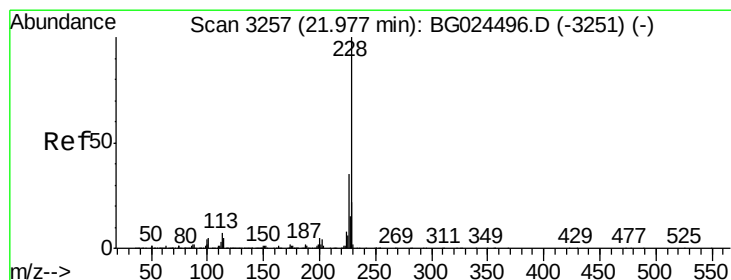
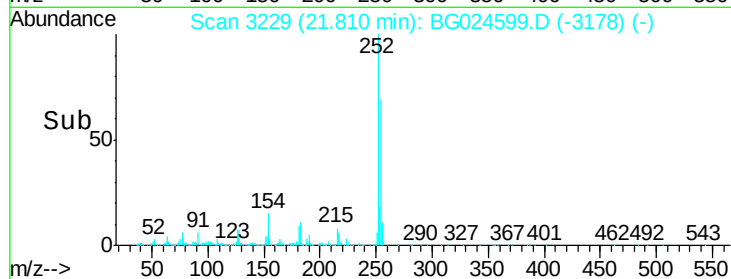
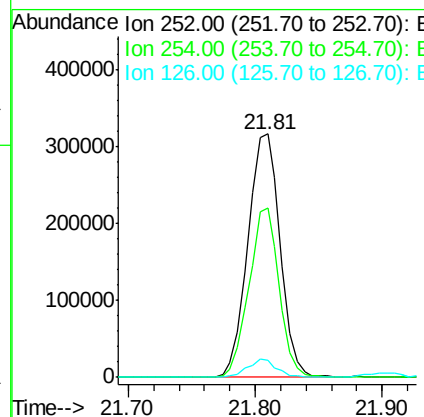
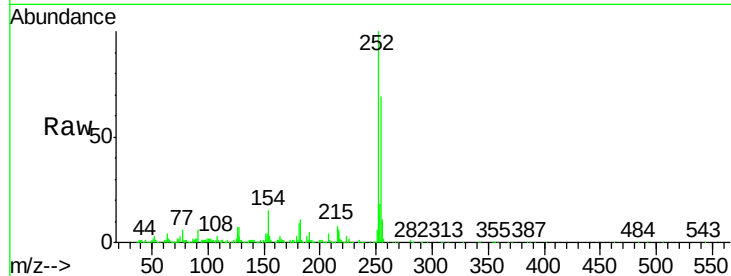
#81
 3,3'-Dichlorobenzidine
 Concen: 24.16 ng
 RT: 21.81 min Scan# 3229
 Delta R.T. -0.00 min
 Lab File: BG024599.D
 Acq: 1 Nov 2016 19:10

Instrument :
 BNA_G
 ClientSampleId :
 PB94463BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	69.3	53.1	79.7
126	7.3	7.0	10.4

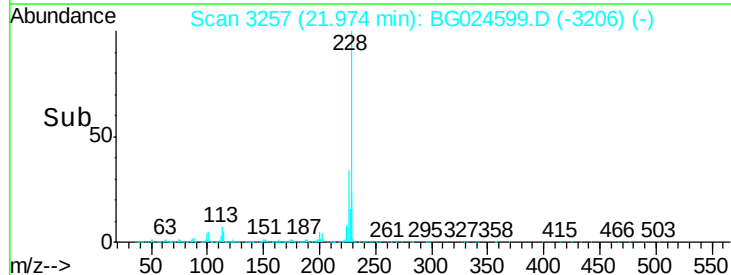
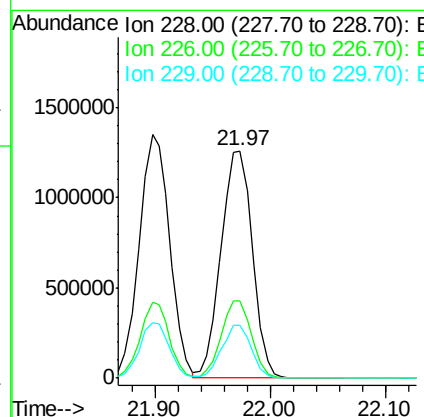
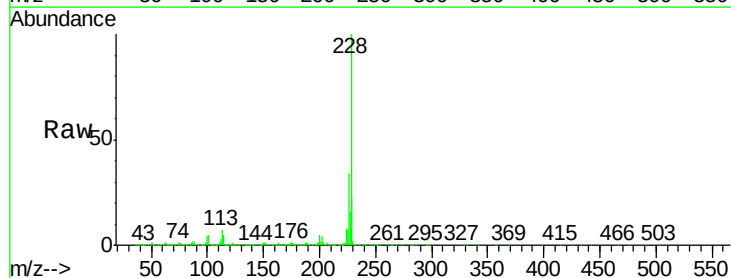
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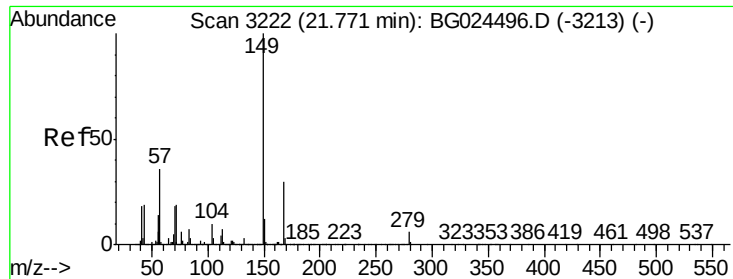
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#82
 Chrysene
 Concen: 43.55 ng
 RT: 21.97 min Scan# 3257
 Delta R.T. -0.00 min
 Lab File: BG024599.D
 Acq: 1 Nov 2016 19:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.8	27.0	40.4
229	23.2	17.8	26.6





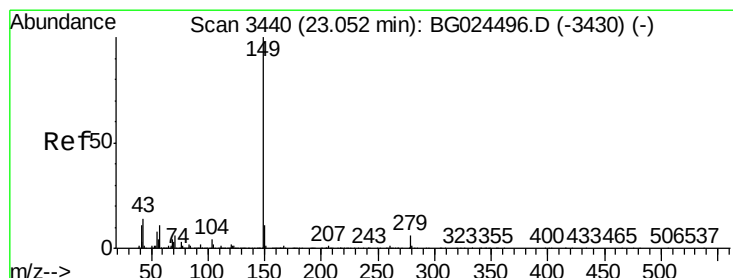
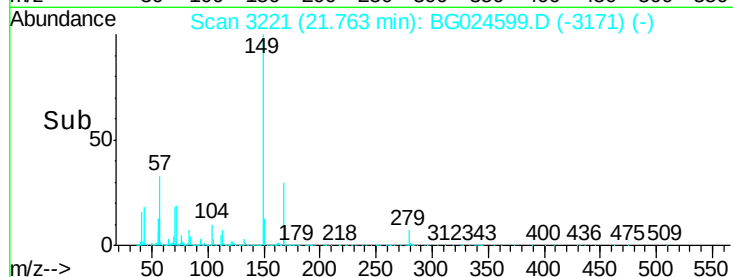
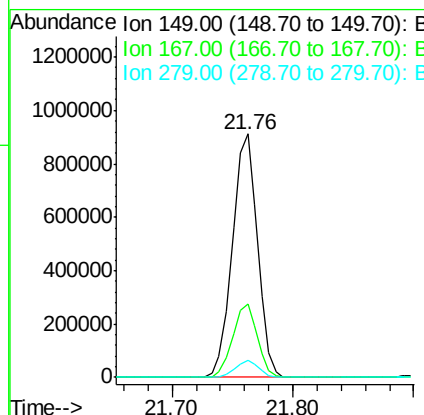
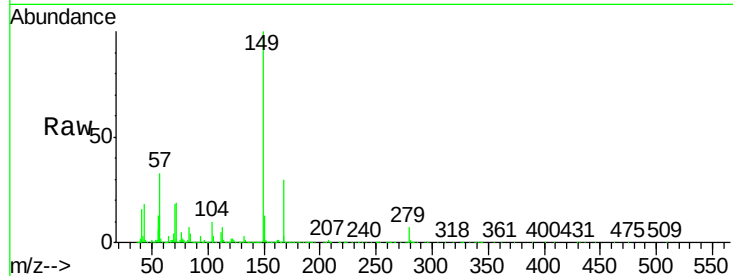
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.35 ng
 RT: 21.76 min Scan# 3221
 Delta R.T. -0.01 min
 Lab File: BG024599.D
 Acq: 1 Nov 2016 19:10

Instrument :
 BNA_G
 ClientSampleId :
 PB94463BS

Tot Ion:149 Resp: 1315917
 Ion Ratio Lower Upper
 149 100
 167 29.9 23.7 35.5
 279 7.1 4.6 6.8#

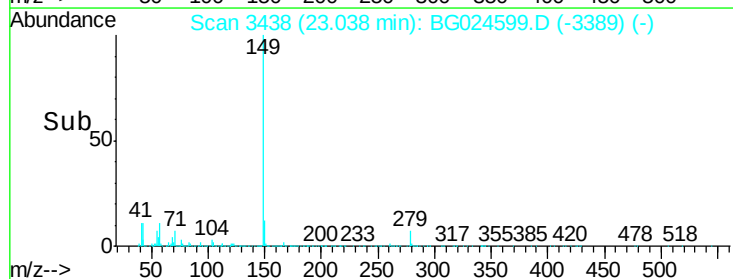
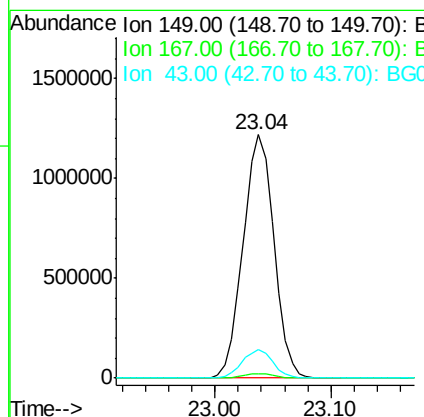
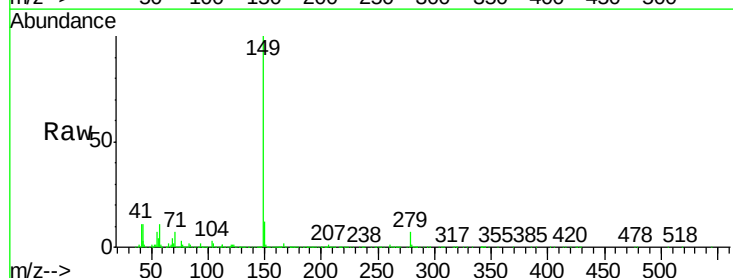
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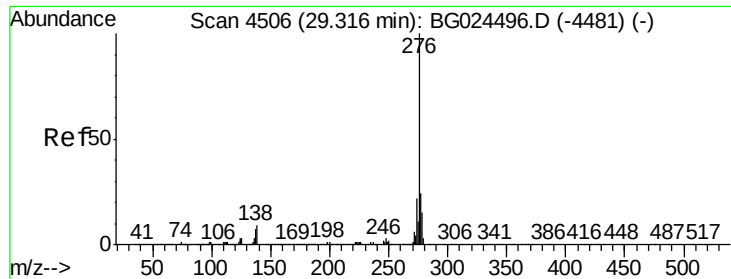
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#84
 Di-n-octyl phthalate
 Concen: 44.81 ng
 RT: 23.04 min Scan# 3438
 Delta R.T. -0.01 min
 Lab File: BG024599.D
 Acq: 1 Nov 2016 19:10

Tgt Ion:149 Resp: 2257467
 Ion Ratio Lower Upper
 149 100
 167 2.0 1.4 2.2
 43 11.5 11.8 17.6#





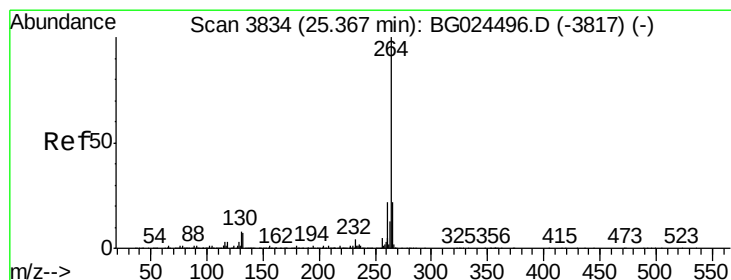
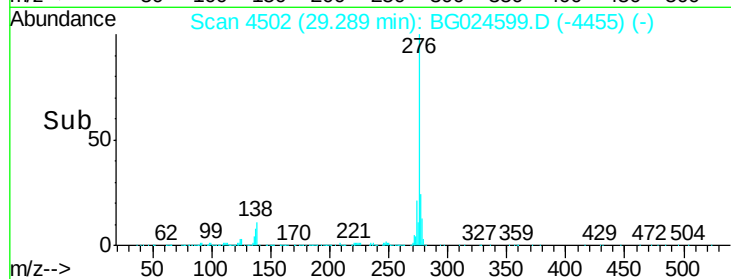
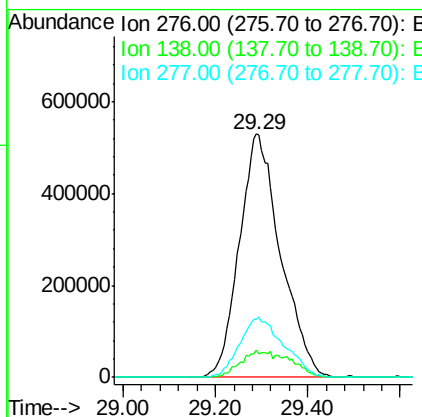
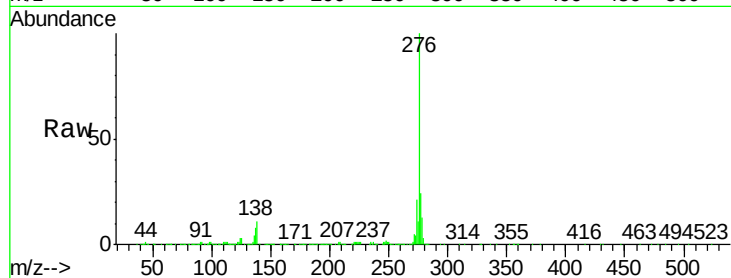
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.71 ng
 RT: 29.29 min Scan# 4502
 Delta R.T. -0.03 min
 Lab File: BG024599.D
 Acq: 1 Nov 2016 19:10

Instrument :
 BNA_G
 ClientSampleId :
 PB94463BS

Tot Ion:276 Resp: 3287214
 Ion Ratio Lower Upper
 276 100
 138 6.3 4.7 7.1
 277 26.3 20.6 31.0

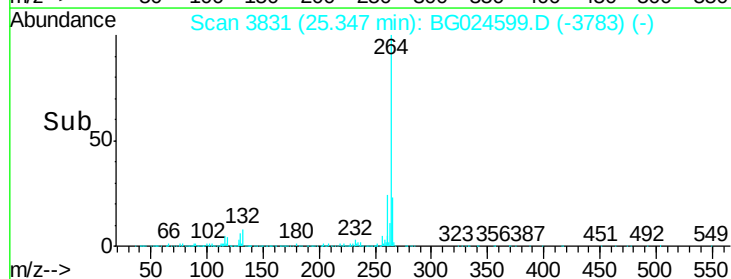
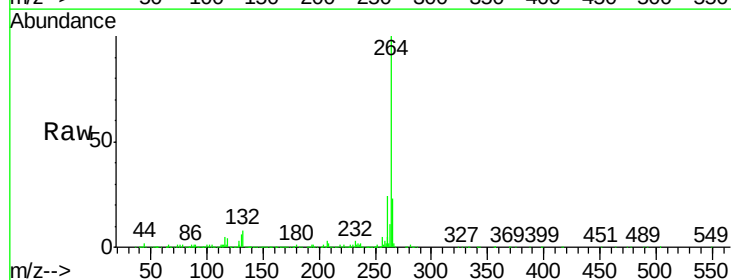
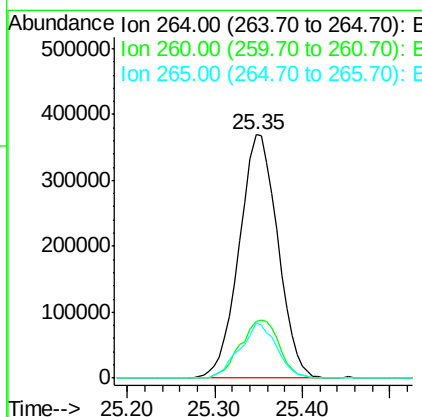
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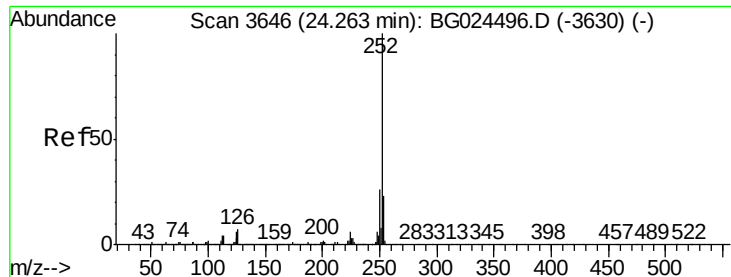
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.35 min Scan# 3831
 Delta R.T. -0.02 min
 Lab File: BG024599.D
 Acq: 1 Nov 2016 19:10

Tgt Ion:264 Resp: 1106044
 Ion Ratio Lower Upper
 264 100
 260 23.6 21.8 32.8
 265 22.9 18.2 27.4





#87

Benzo(b)fluoranthene

Concen: 45.31 ng

RT: 24.25 min Scan# 3645

Delta R.T. -0.01 min

Lab File: BG024599.D

Acq: 1 Nov 2016 19:10

Instrument :

BNA_G

ClientSampleId :

PB94463BS

Tot Ion:252 Resp: 2709072

Ion Ratio Lower Upper

252 100

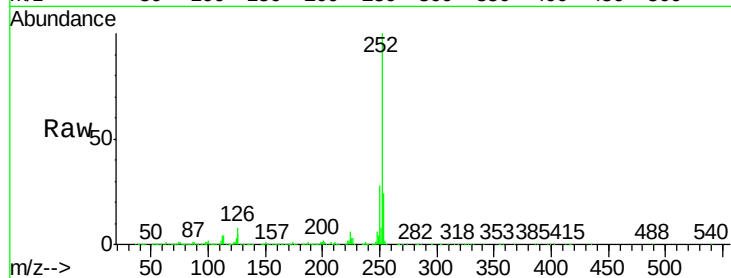
253 23.8 18.7 28.1

125 5.5 5.3 7.9

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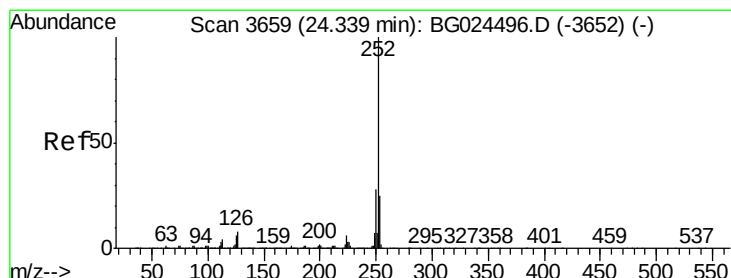
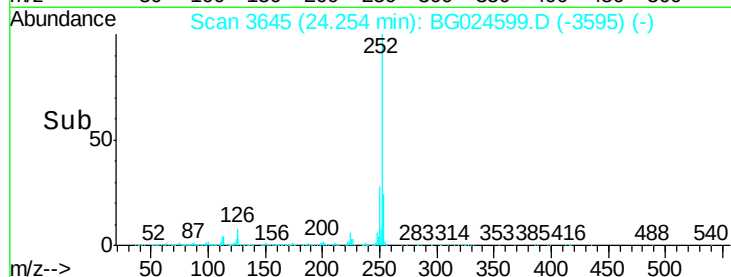
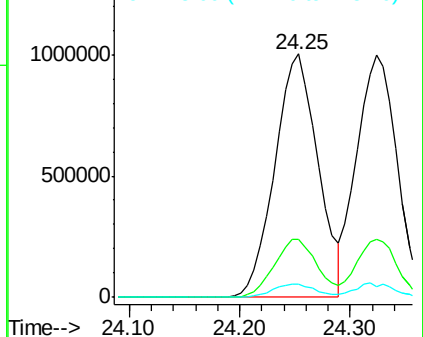
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 44.08 ng m

RT: 24.32 min Scan# 3657

Delta R.T. -0.01 min

Lab File: BG024599.D

Acq: 1 Nov 2016 19:10

Tgt Ion:252 Resp: 2545277

Ion Ratio Lower Upper

252 100

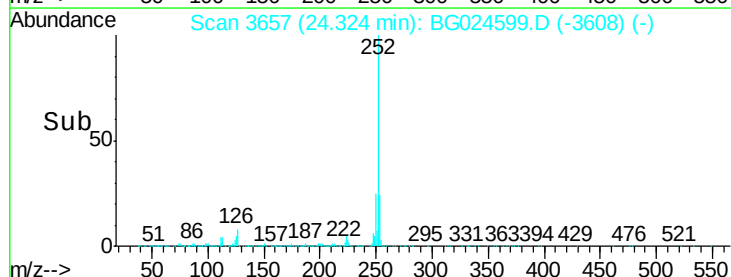
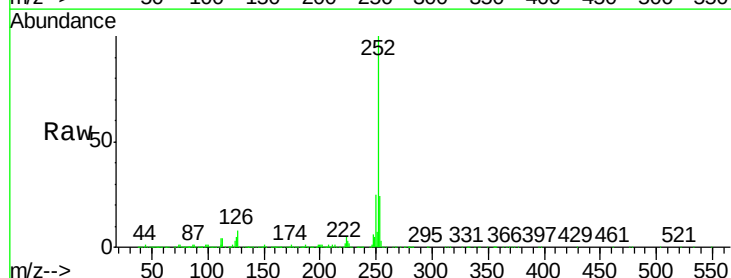
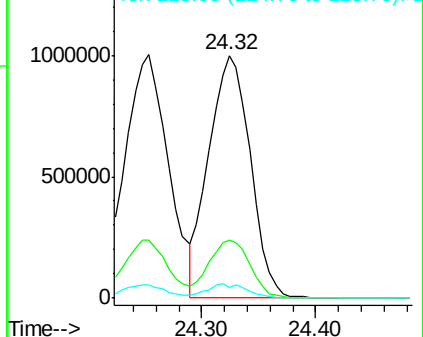
253 23.9 20.2 30.2

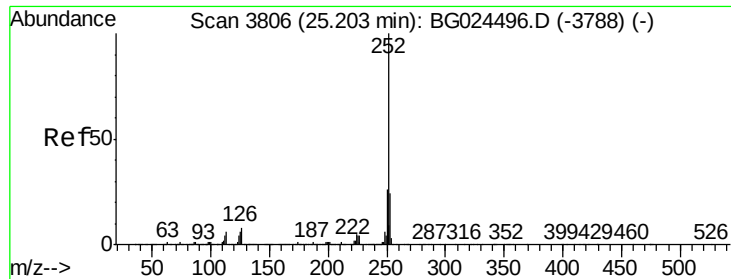
125 4.6 5.1 7.7#

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





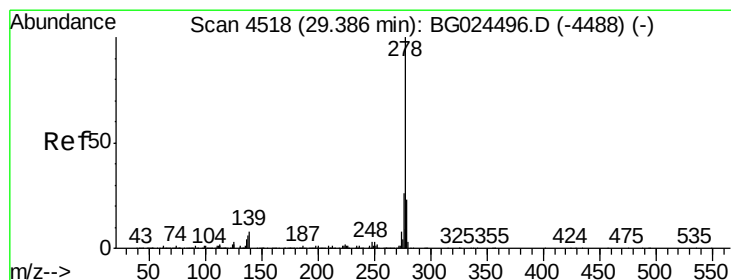
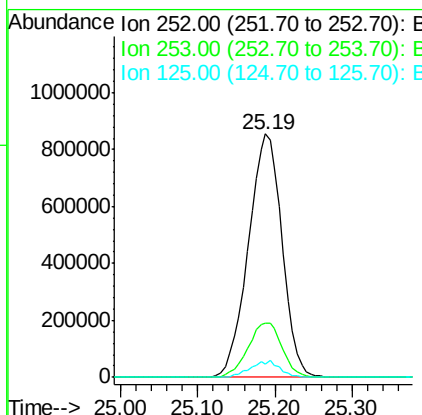
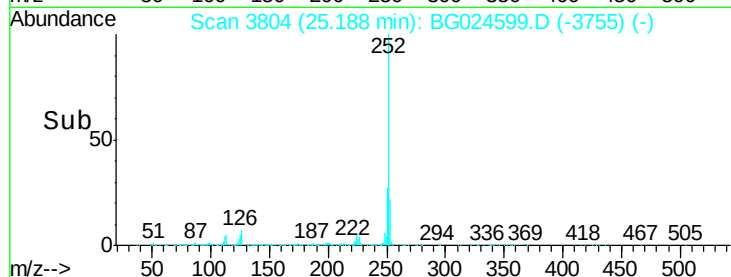
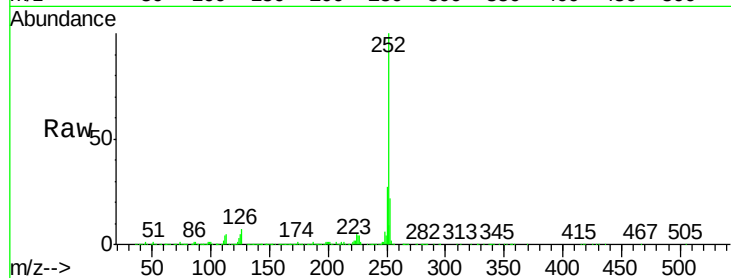
#89
Benzo(a)pyrene
Concen: 44.77 ng
RT: 25.19 min Scan# 3804
Delta R.T. -0.01 min
Lab File: BG024599.D
Acq: 1 Nov 2016 19:10

Instrument :
BNA_G
ClientSampleId :
PB94463BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	19.2	28.8
125	5.5	5.4	8.0

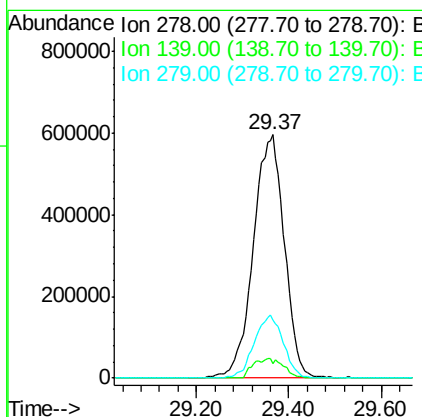
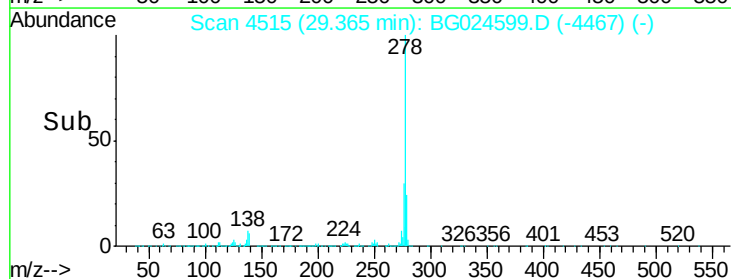
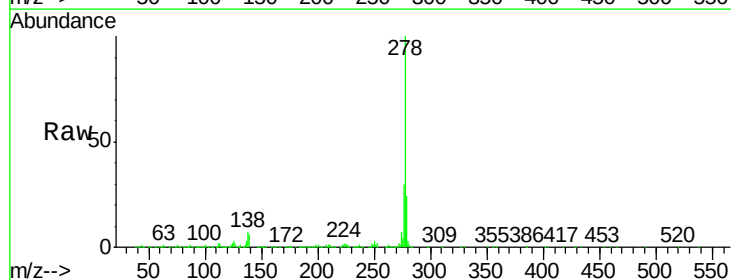
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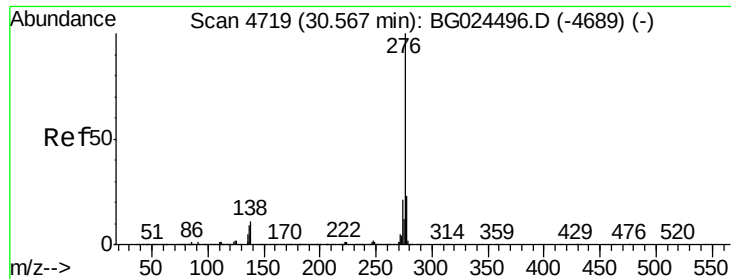
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#90
Dibenzo(a,h)anthracene
Concen: 43.33 ng
RT: 29.37 min Scan# 4515
Delta R.T. -0.02 min
Lab File: BG024599.D
Acq: 1 Nov 2016 19:10

Tgt Ion	Ratio	Lower	Upper
278	100		
139	6.1	7.7	11.5#
279	23.7	19.1	28.7





#91
 Benzo(a,h,i)perylene
 Concen: 42.82 ng
 RT: 30.54 min Scan# 4715
 Delta R.T. -0.03 min
 Lab File: BG024599.D
 Acq: 1 Nov 2016 19:10

Instrument :
 BNA_G
 ClientSampleId :
 PB94463BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.6	18.6	27.8
138	10.5	8.1	12.1

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