

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080316\
 Data File : BG023446.D
 Acq On : 4 Aug 2016 9:57
 Operator : UM/SJ
 Sample : PB92660BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 PB92660BS

Manual Integrations
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 8/4/2016 6:08:45 PM

Quant Time: Aug 04 16:16:48 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG080116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 01 19:22:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	99152	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	481619	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	366373	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	937221	20.00	ng	0.00
75) Chrysene-d12	21.86	240	970385	20.00	ng	0.00
86) Perylene-d12	25.24	264	958957	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	855977	145.32	ng	0.00
7) Phenol-d6	7.28	99	1310107	142.80	ng	0.00
23) Nitrobenzene-d5	9.29	82	858513	88.62	ng	0.00
41) 2,4,6-Tribromophenol	16.28	330	720334	134.42	ng	0.00
44) 2-Fluorobiphenyl	13.40	172	1864369	85.83	ng	0.00
78) Terphenyl-d14	20.16	244	2867004	94.63	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	71403	28.45	ng	91
3) Pyridine	3.92	79	269195	32.64	ng	94
4) n-Nitrosodimethylamine	3.84	42	126948	41.52	ng	# 79
6) Aniline	7.44	93	497743	37.55	ng	95
8) 2-Chlorophenol	7.68	128	322637	47.68	ng	99
9) Benzaldehyde	7.25	77	173646	31.37	ng	91
10) Phenol	7.30	94	485615	49.48	ng	84
11) bis(2-Chloroethyl)ether	7.53	93	330078	42.16	ng	95
12) 1,3-Dichlorobenzene	8.01	146	311421	40.19	ng	91
13) 1,4-Dichlorobenzene	8.15	146	331054	41.74	ng	93
14) 1,2-Dichlorobenzene	8.48	146	321102	41.27	ng	94
15) Benzyl Alcohol	8.36	79	403188	58.00	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.65	45	443460	38.51	ng	93
17) 2-Methylphenol	8.56	107	326915	49.68	ng	93
18) Hexachloroethane	9.21	117	124158	41.59	ng	93
19) n-Nitroso-di-n-propylamine	8.92	70	342622	43.42	ng	94
20) 3+4-Methylphenols	8.89	107	458523	49.43	ng	89
22) Acetophenone	8.95	105	489932	37.15	ng	# 92
24) Nitrobenzene	9.34	77	484373	45.15	ng	91
25) Isophorone	9.86	82	912260	45.21	ng	95
26) 2-Nitrophenol	10.06	139	203458	44.94	ng	# 78
27) 2,4-Dimethylphenol	10.11	122	370819	48.10	ng	91
28) bis(2-Chloroethoxy)methane	10.34	93	525556	43.33	ng	99
29) 2,4-Dichlorophenol	10.60	162	396872	51.20	ng	97
30) 1,2,4-Trichlorobenzene	10.81	180	357580	42.77	ng	98
31) Naphthalene	11.00	128	1056493	43.08	ng	99
32) Benzoic acid	10.26	122	227193	34.16	ng	94
33) 4-Chloroaniline	11.11	127	204544	17.45	ng	91
34) Hexachlorobutadiene	11.28	225	239852	43.62	ng	93
35) Caprolactam	11.90	113	157773m	48.38	ng	
36) 4-Chloro-3-methylphenol	12.24	107	514123	50.48	ng	96
37) 2-Methylnaphthalene	12.61	142	833893	44.72	ng	92
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	417384	31.42	ng	97
40) Hexachlorocyclopentadiene	12.95	237	568146	84.80	ng	98

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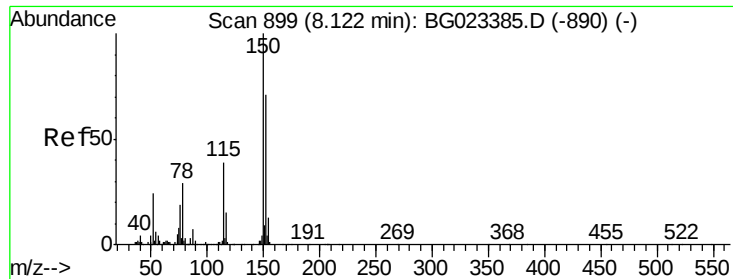
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	355582	44.93	nq	99
43) 2,4,5-Trichlorophenol	13.29	196	389762	47.84	nq	95
45) 1,1'-Biphenyl	13.61	154	1056132	37.71	nq	95
46) 2-Chloronaphthalene	13.66	162	918747	42.40	nq	96
47) 2-Nitroaniline	13.86	65	420737	46.77	nq	90
48) Acenaphthylene	14.50	152	1492030	43.56	nq	97
49) Dimethylphthalate	14.23	163	1322595	47.05	nq	98
50) 2,6-Dinitrotoluene	14.36	165	309646	46.51	nq	# 82
51) Acenaphthene	14.84	154	957457	44.13	nq	97
52) 3-Nitroaniline	14.69	138	223270	29.74	nq	# 84
53) 2,4-Dinitrophenol	14.90	184	412959	96.78	nq	88
54) Dibenzofuran	15.19	168	1528171	48.51	nq	97
55) 4-Nitrophenol	15.01	139	516448	87.60	nq	# 85
56) 2,4-Dinitrotoluene	15.15	165	465582	49.83	nq	90
57) Fluorene	15.84	166	1280718	46.59	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.41	232	397159	53.12	nq	95
59) Diethylphthalate	15.59	149	1372491	48.10	nq	97
60) 4-Chlorophenyl-phenylether	15.82	204	674170	46.34	nq	99
61) 4-Nitroaniline	15.87	138	350683	43.88	nq	# 67
62) Azobenzene	16.11	77	1501129	51.90	nq	91
64) 4,6-Dinitro-2-methylphenol	15.91	198	294248	46.18	nq	94
65) n-Nitrosodiphenylamine	16.04	169	1198105	43.58	nq	93
66) 4-Bromophenyl-phenylether	16.72	248	481647	44.09	nq	98
67) Hexachlorobenzene	16.85	284	523313	43.79	nq	98
68) Atrazine	16.99	200	502978	47.65	nq	96
69) Pentachlorophenol	17.19	266	644882	92.56	nq	99
70) Phenanthrene	17.59	178	2112753	44.43	nq	96
71) Anthracene	17.68	178	2159443	45.15	nq	97
72) Carbazole	17.95	167	2012205	47.91	nq	99
73) Di-n-butylphthalate	18.49	149	2235452	54.02	nq	98
74) Fluoranthene	19.60	202	2420898	56.29	nq	94
76) Benzidine	19.78	184	1381907	51.23	nq	99
77) Pyrene	19.96	202	2445206	44.37	nq	96
79) Butylbenzylphthalate	20.84	149	1086403	46.49	nq	97
80) Benzo(a)anthracene	21.84	228	2395992	44.73	nq	96
81) 3,3'-Dichlorobenzidine	21.75	252	558671	25.43	nq	# 97
82) Chrysene	21.91	228	2237645	43.91	nq	95
83) Bis(2-ethylhexyl)phthalate	21.72	149	1463331	45.73	nq	100
84) Di-n-octyl phthalate	22.98	149	2417191	44.26	nq	98
85) Indeno(1,2,3-cd)pyrene	29.11	276	2852675	44.80	nq	# 100
87) Benzo(b)fluoranthene	24.16	252	2498459	46.31	nq	# 96
88) Benzo(k)fluoranthene	24.23	252	2351415	45.37	nq	# 96
89) Benzo(a)pyrene	25.08	252	2385193	46.48	nq	# 97
90) Dibenzo(a,h)anthracene	29.17	278	2427926	46.32	nq	# 92
91) Benzo(g,h,i)perylene	30.32	276	2370544	44.91	nq	# 92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 899

Delta R.T. -0.00 min

Lab File: BG023446.D

Acq: 4 Aug 2016 9:57

Instrument :

BNA_G

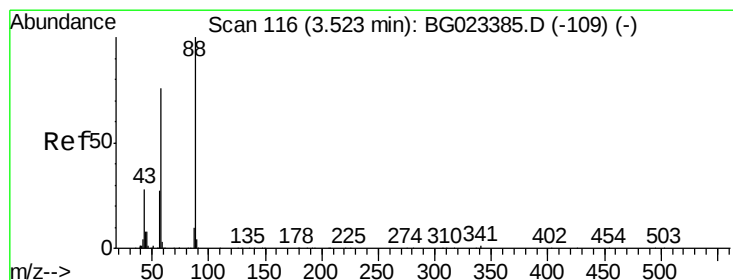
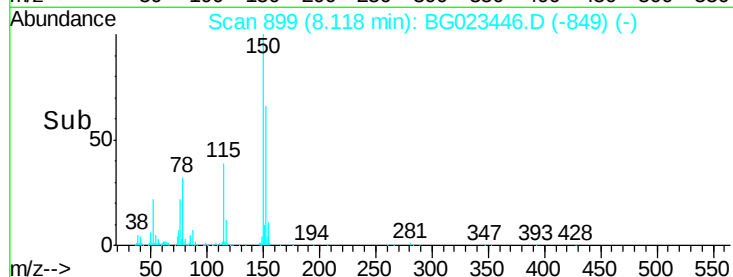
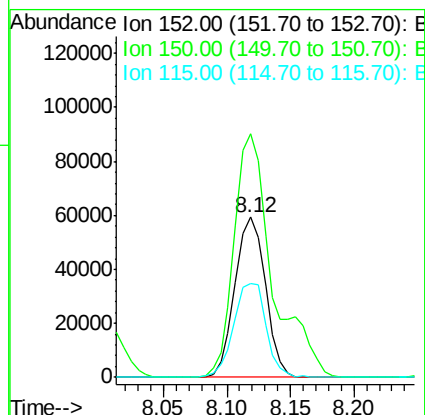
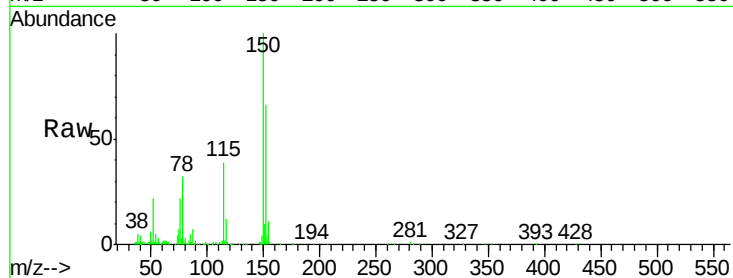
ClientSampleId :

PB92660BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.2	144.7	217.1
115	58.9	64.0	96.0

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#2

1,4-Dioxane

Concen: 28.45 ng

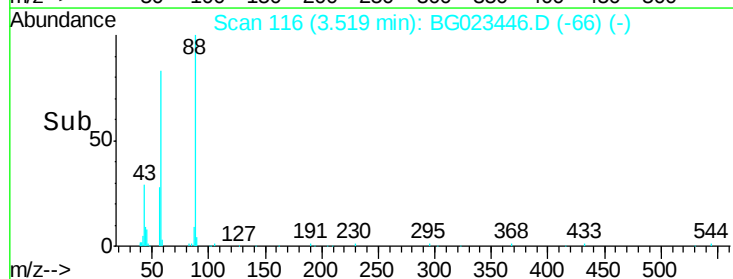
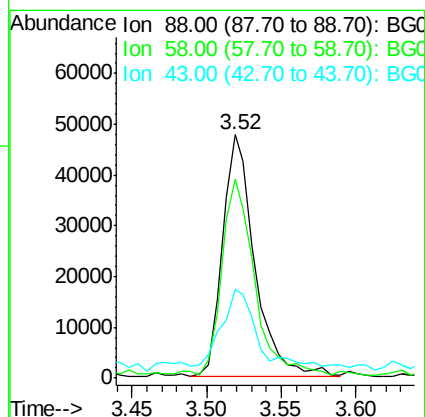
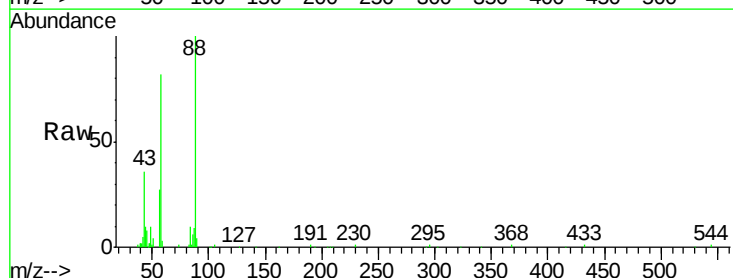
RT: 3.52 min Scan# 116

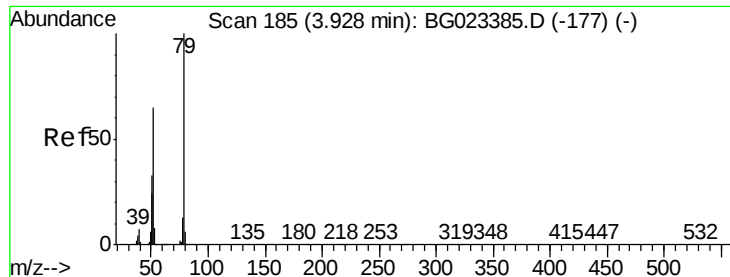
Delta R.T. -0.00 min

Lab File: BG023446.D

Acq: 4 Aug 2016 9:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.4	60.4	90.6
43	35.2	31.1	46.7





#3

Pvridine

Concen: 32.64 ng

RT: 3.92 min Scan# 185

Delta R.T. -0.00 min

Lab File: BG023446.D

Acq: 4 Aug 2016 9:57

Instrument :

BNA_G

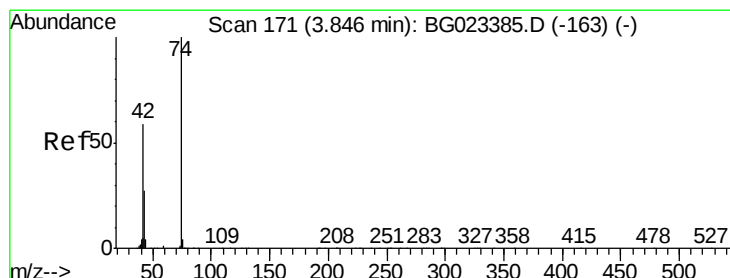
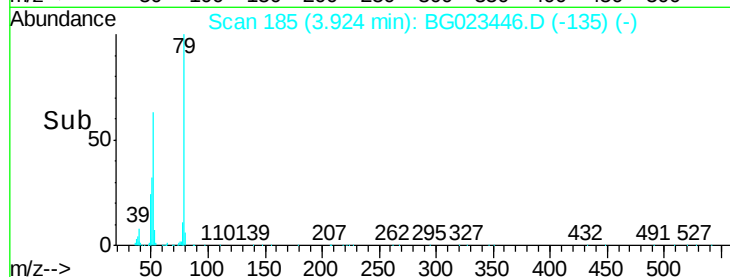
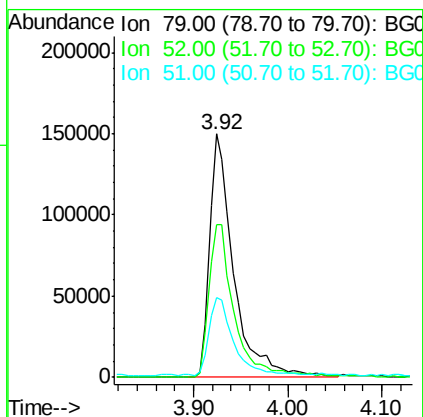
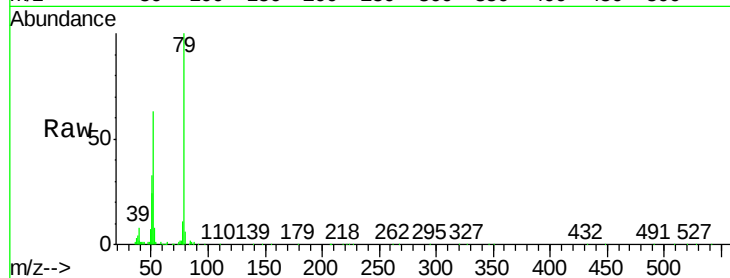
ClientSampleId :

PB92660BS

Tot Ion:	79	Resp:	269195
Ion Ratio	Lower	Upper	
79	100		
52	63.0	51.8	77.8
51	32.8	32.7	49.1

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#4

n-Nitrosodimethylamine

Concen: 41.52 ng

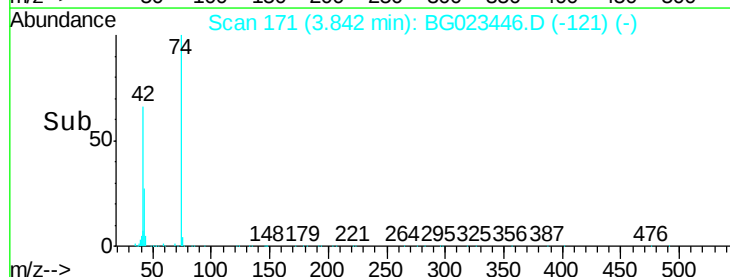
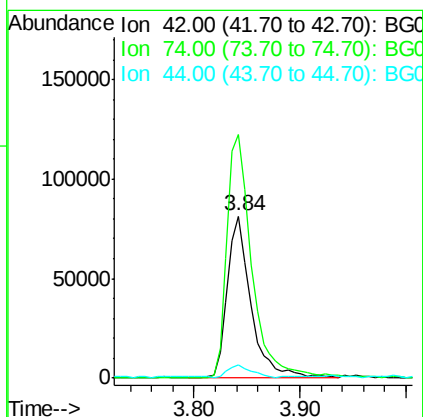
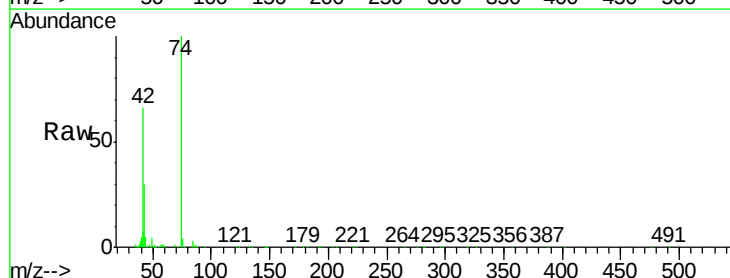
RT: 3.84 min Scan# 171

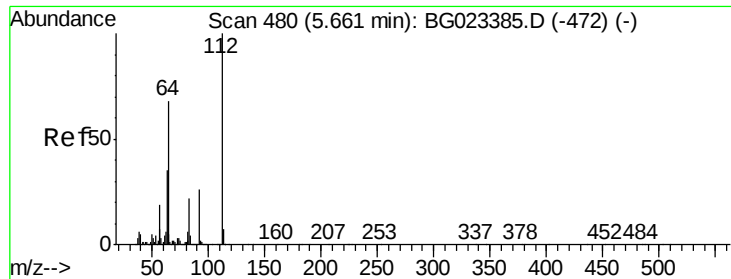
Delta R.T. -0.00 min

Lab File: BG023446.D

Acq: 4 Aug 2016 9:57

Tgt Ion:	42	Resp:	126948
Ion Ratio	Lower	Upper	
42	100		
74	150.6	100.6	150.8
44	8.2	4.5	6.7#





#5

2-Fluorophenol

Concen: 145.32 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.00 min

Lab File: BG023446.D

Acq: 4 Aug 2016 9:57

Instrument :

BNA_G

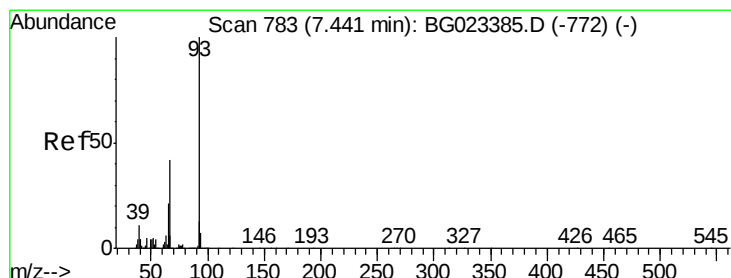
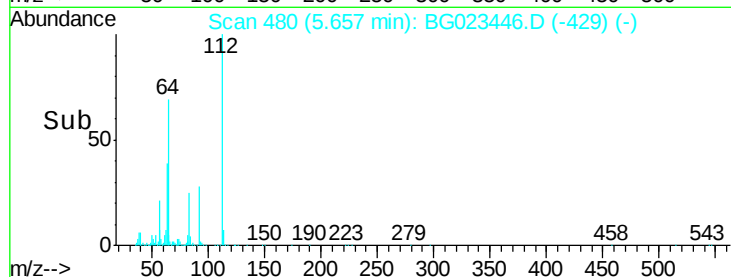
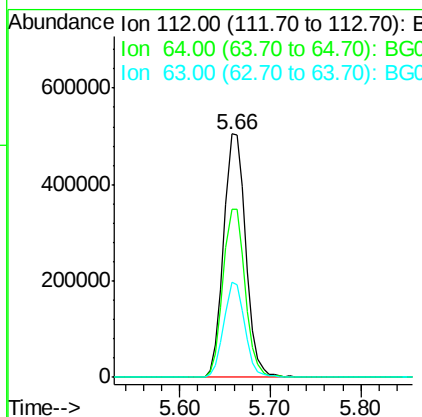
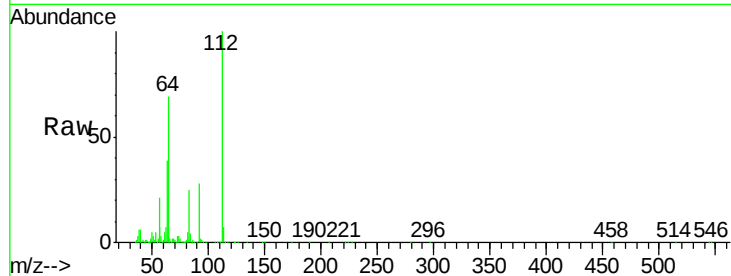
ClientSampleId :

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Tot Ion	Ratio	Resp	Lower	Upper
112	100	855977		
64	68.9	59.0	88.4	
63	39.0	37.8	56.8	

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#6

Aniline

Concen: 37.55 ng

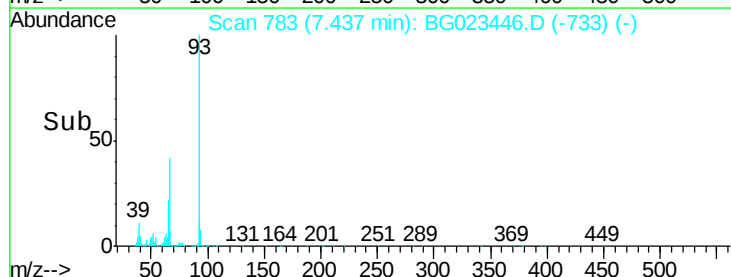
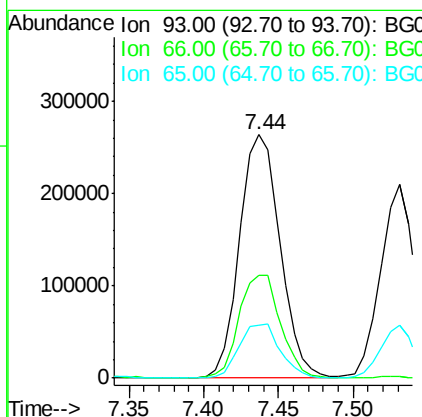
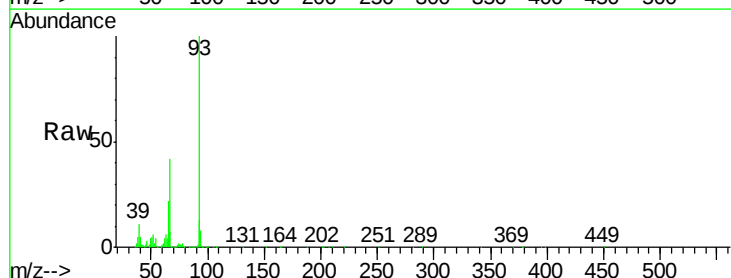
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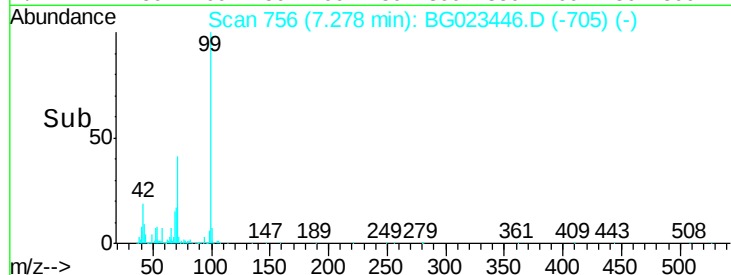
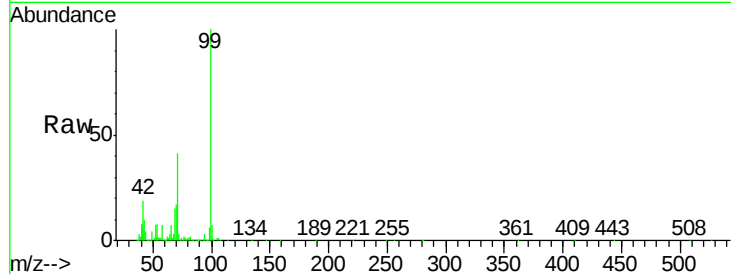
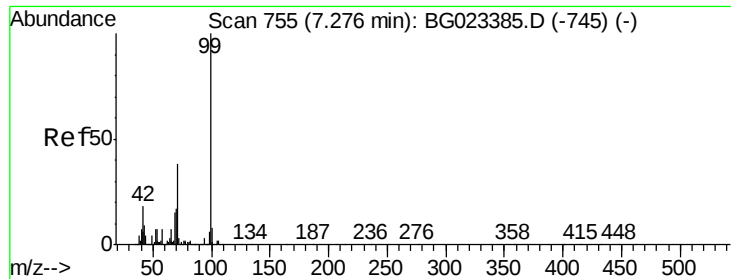
Delta R.T. -0.00 min

Lab File: BG023446.D

Acq: 4 Aug 2016 9:57

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	497743		
66	42.2	37.5	56.3	
65	22.0	17.9	26.9	





#7

Phenol-d6

Concen: 142.80 ng

RT: 7.28 min Scan# 756

Delta R.T. 0.00 min

Lab File: BG023446.D

Acq: 4 Aug 2016 9:57

Tot Ion: 99 Resp: 1310107

Ion Ratio Lower Upper

99 100

42 18.6 17.8 26.6

71 41.3 41.5 62.3#

Instrument :

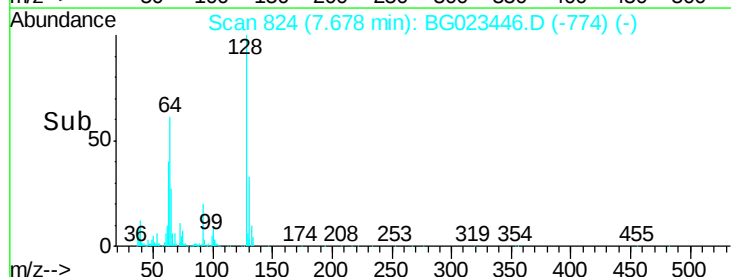
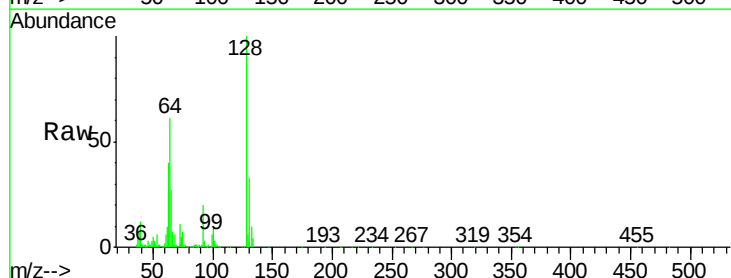
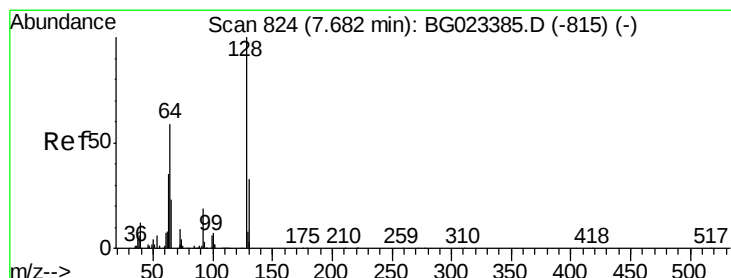
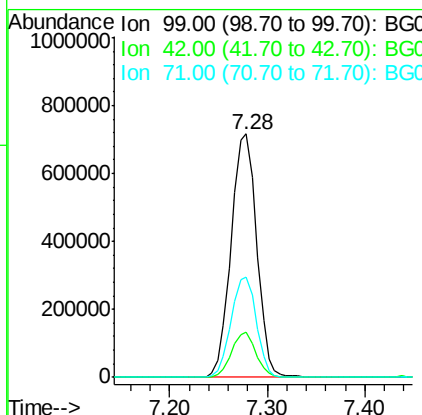
BNA_G

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#8

2-Chlorophenol

Concen: 47.68 ng

RT: 7.68 min Scan# 824

Delta R.T. -0.00 min

Lab File: BG023446.D

Acq: 4 Aug 2016 9:57

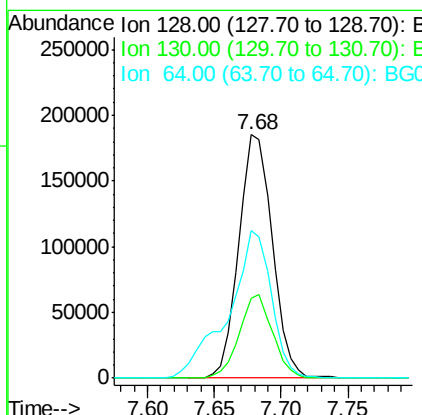
Tgt Ion:128 Resp: 322637

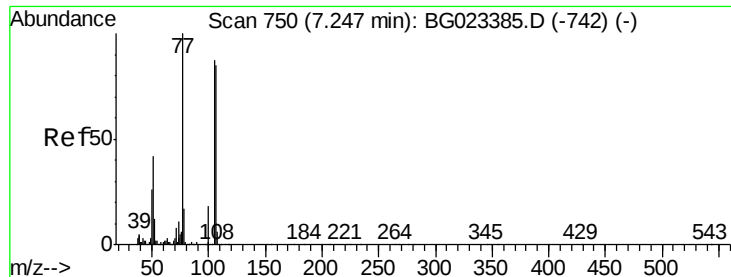
Ion Ratio Lower Upper

128 100

130 32.7 12.9 52.9

64 60.7 42.0 82.0





#9

Benzaldehyde

Concen: 31.37 ng

RT: 7.25 min Scan# 751

Delta R.T. 0.00 min

Lab File: BG023446.D

Acq: 4 Aug 2016 9:57

Instrument :

BNA_G

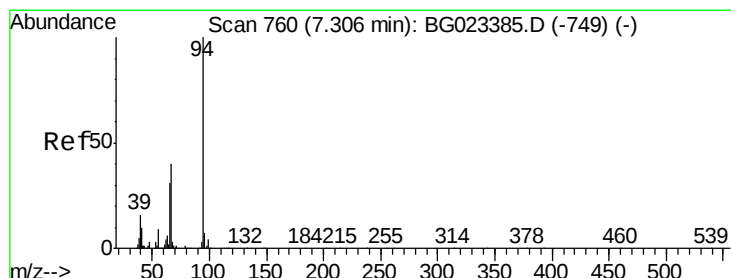
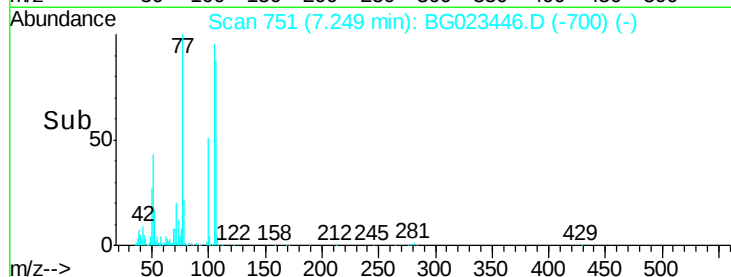
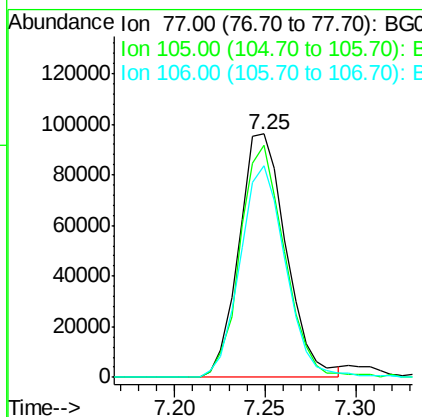
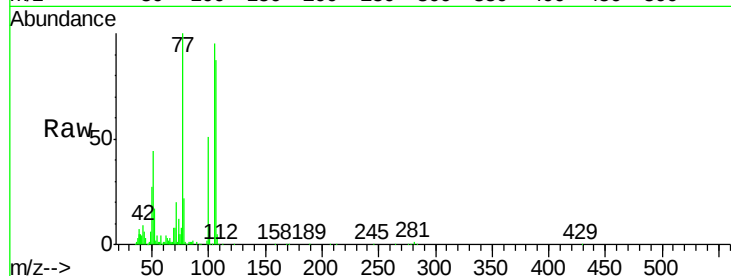
ClientSampleId :

PB92660BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	95.1	58.7	98.7
106	87.2	67.5	107.5

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#10

Phenol

Concen: 49.48 ng

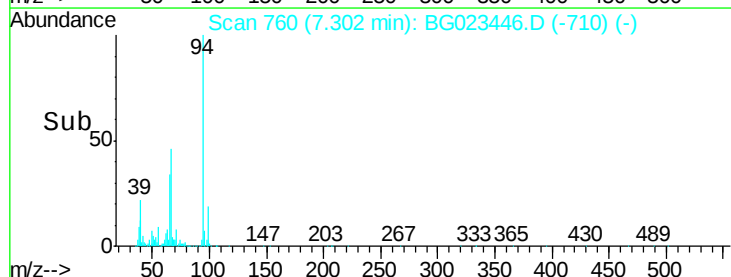
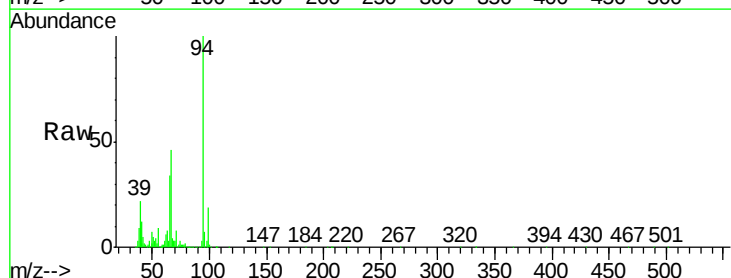
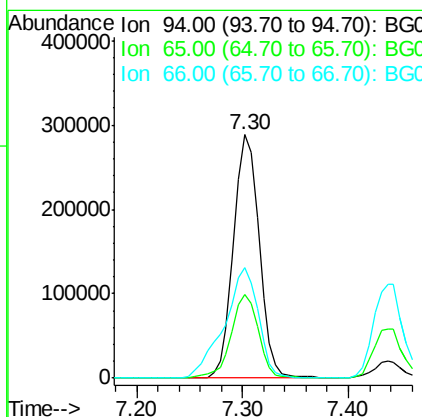
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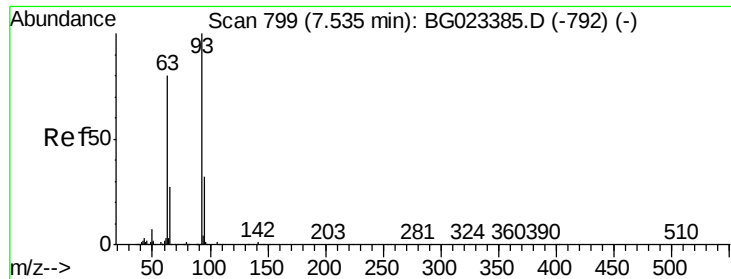
Delta R.T. -0.00 min

Lab File: BG023446.D

Acq: 4 Aug 2016 9:57

Tgt Ion	Ratio	Lower	Upper
94	100		
65	34.2	18.1	58.1
66	45.6	42.1	82.1





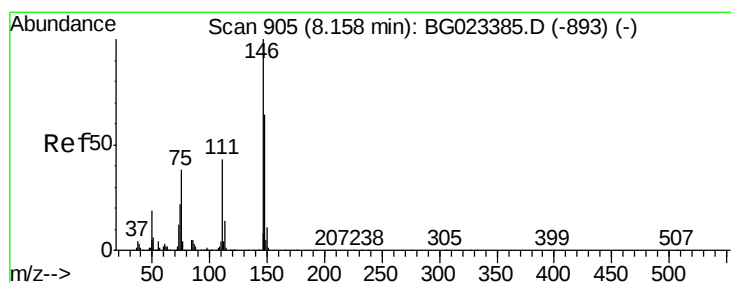
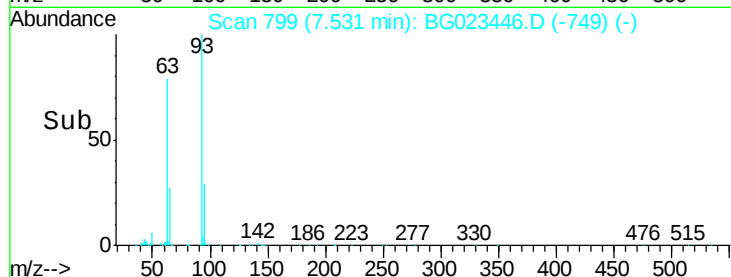
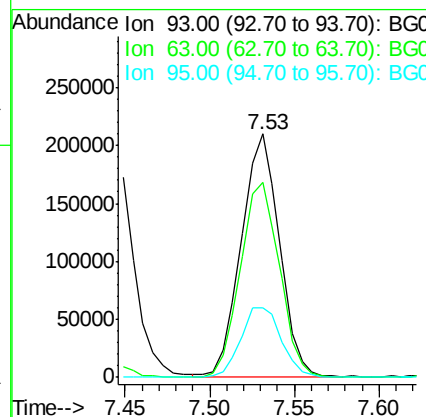
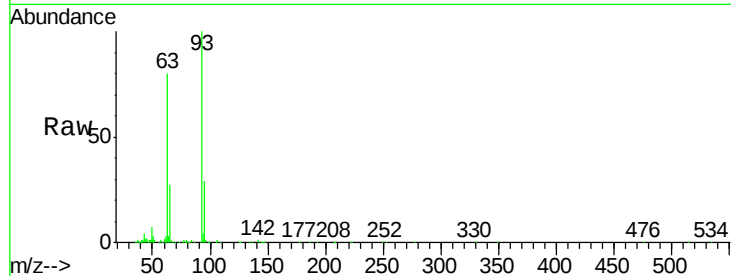
#11
bis(2-Chloroethyl)ether
Concen: 42.16 ng
RT: 7.53 min Scan# 799
Delta R.T. -0.00 min
Lab File: BG023446.D
Acq: 4 Aug 2016 9:57

Instrument :
BNA_G
ClientSampled :
PB92660BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	79.9	55.0	95.0
95	28.6	11.0	51.0

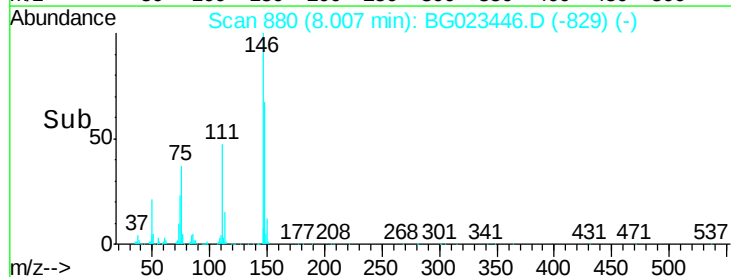
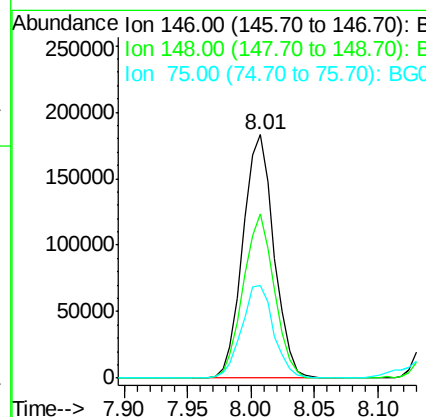
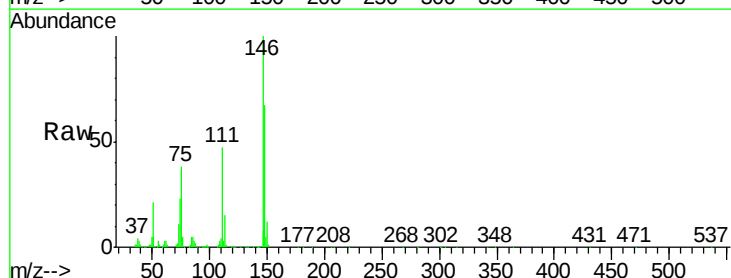
Manual Integrations
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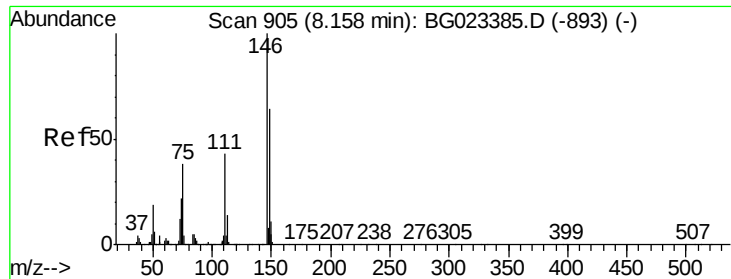
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#12
1,3-Dichlorobenzene
Concen: 40.19 ng
RT: 8.01 min Scan# 880
Delta R.T. 0.00 min
Lab File: BG023446.D
Acq: 4 Aug 2016 9:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.3	50.3	75.5
75	38.1	37.0	55.6





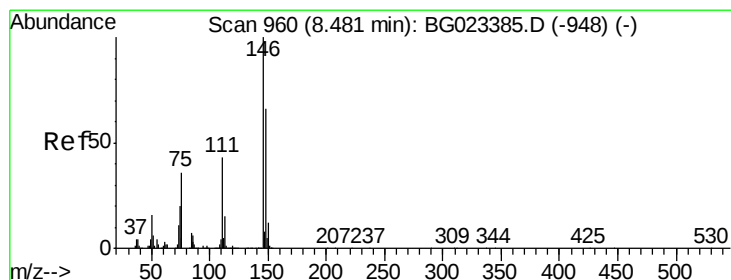
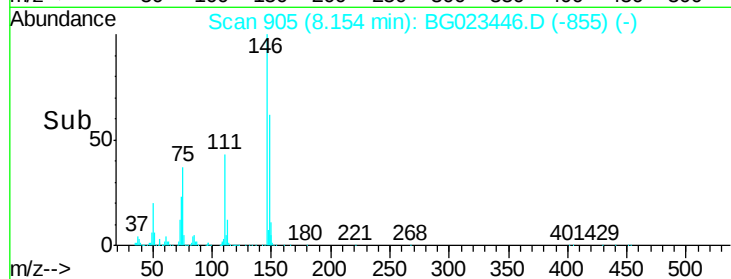
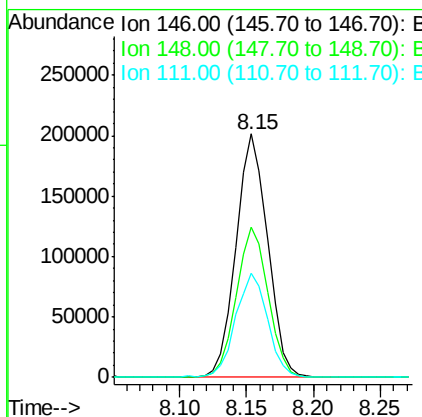
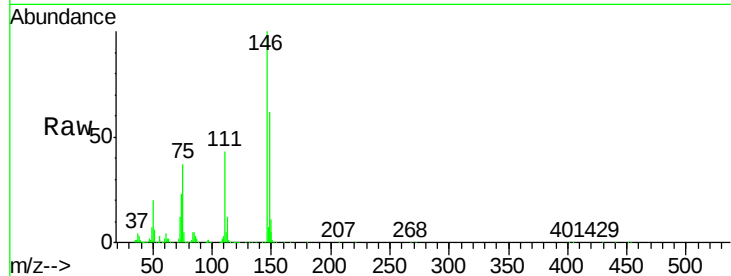
#13
 1,4-Dichlorobenzene
 Concen: 41.74 ng
 RT: 8.15 min Scan# 905
 Delta R.T. -0.00 min
 Lab File: BG023446.D
 Acq: 4 Aug 2016 9:57

Instrument :
 BNA_G
 ClientSampled :
 PB92660BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.7	54.5	81.7
111	42.8	37.8	56.8

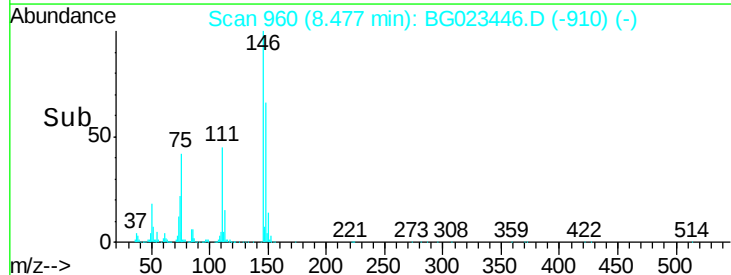
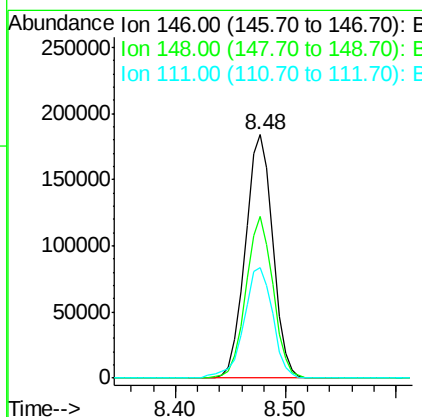
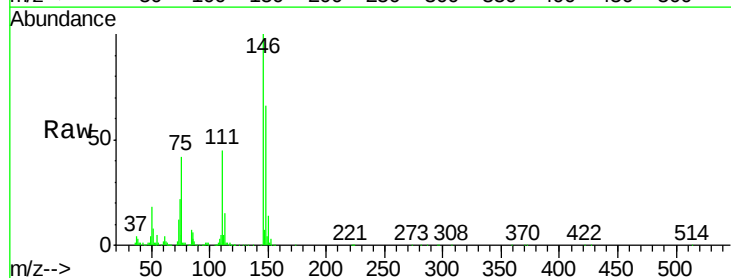
Manual Integrations
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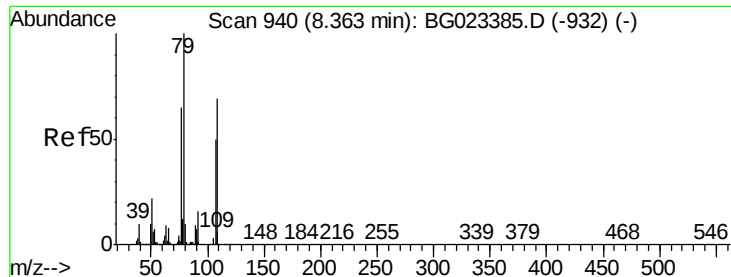
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#14
 1,2-Dichlorobenzene
 Concen: 41.27 ng
 RT: 8.48 min Scan# 960
 Delta R.T. -0.00 min
 Lab File: BG023446.D
 Acq: 4 Aug 2016 9:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.2	52.9	79.3
111	45.2	43.5	65.3





#15

Benzyl Alcohol

Concen: 58.00 ng

RT: 8.36 min Scan# 940

Delta R.T. -0.00 min

Lab File: BG023446.D

Acq: 4 Aug 2016 9:57

Instrument :

BNA_G

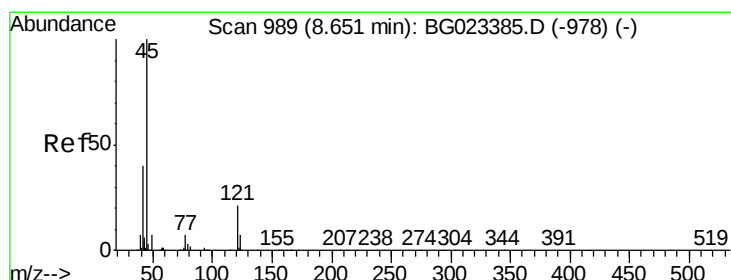
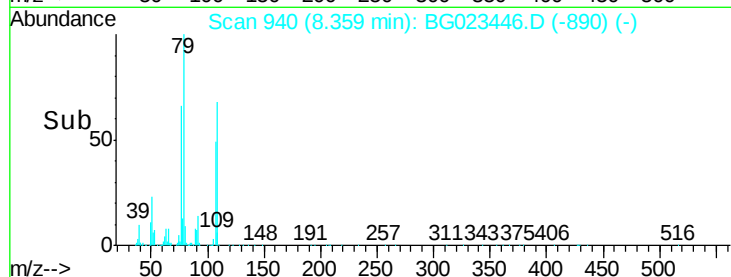
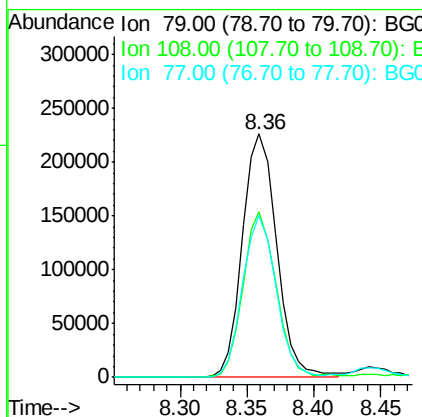
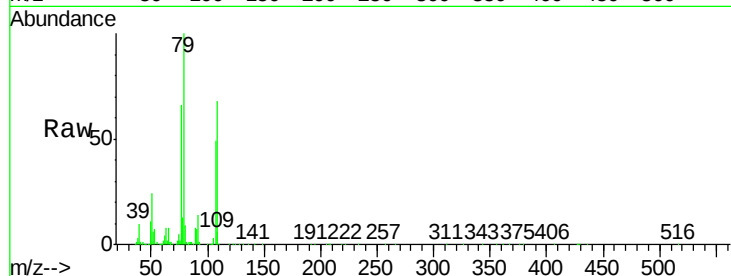
ClientSampleId :

PB92660BS

Tot Ion:	79	Resp:	403188
Ion Ratio	Lower	Upper	
79	100		
108	67.8	46.5	69.7
77	66.4	52.3	78.5

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 38.51 ng

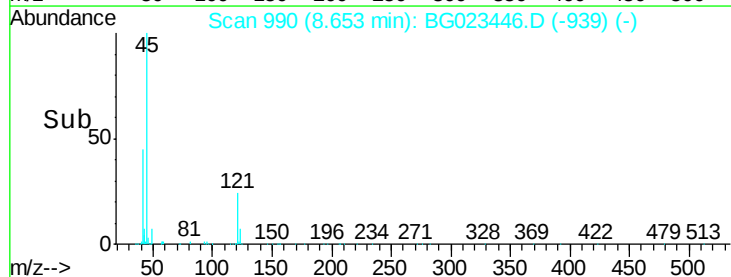
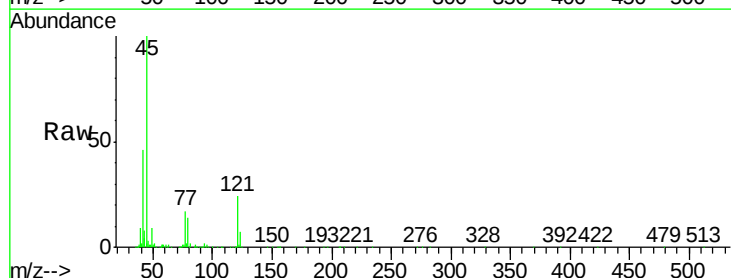
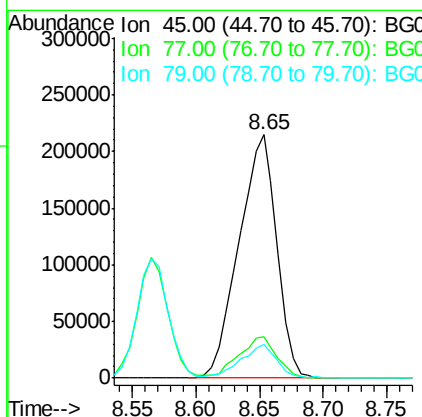
RT: 8.65 min Scan# 990

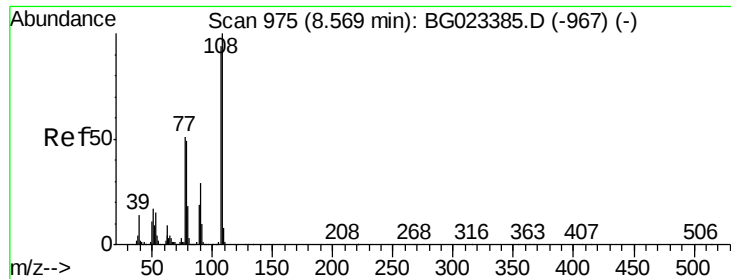
Delta R.T. 0.00 min

Lab File: BG023446.D

Acq: 4 Aug 2016 9:57

Tgt Ion:	45	Resp:	443460
Ion Ratio	Lower	Upper	
45	100		
77	16.8	0.6	40.6
79	13.9	0.0	36.2





#17

2-Methylphenol

Concen: 49.68 ng

RT: 8.56 min Scan# 975

Delta R.T. -0.00 min

Lab File: BG023446.D

Acq: 4 Aug 2016 9:57

Instrument :

BNA_G

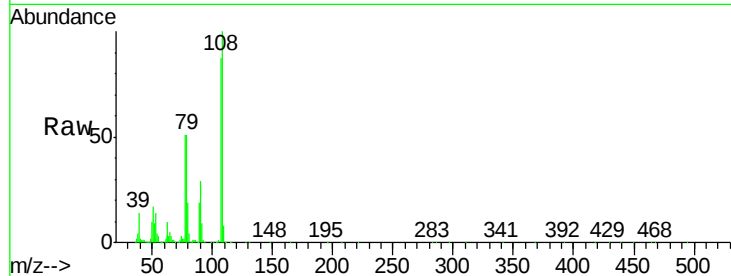
ClientSampleId :

PB92660BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.5	92.0	138.0	
77	58.7	55.8	83.6	
79	58.4	55.0	82.6	

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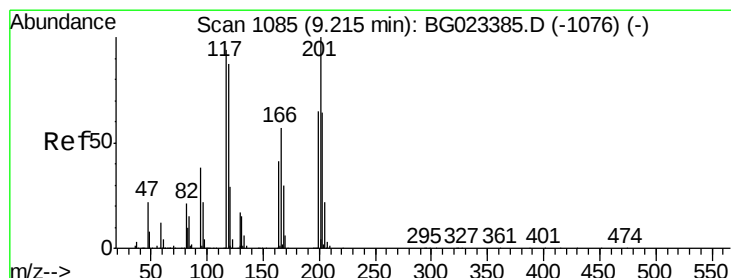
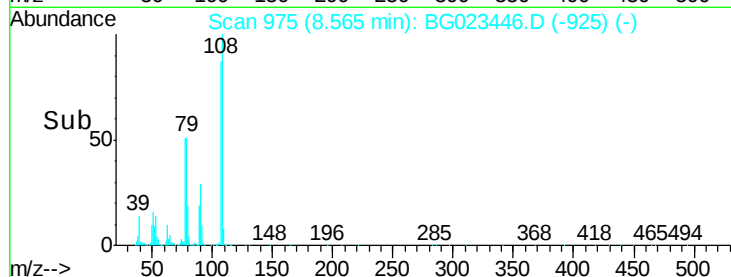
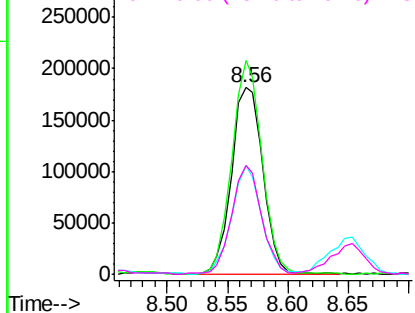
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 41.59 ng

RT: 9.21 min Scan# 1085

Delta R.T. -0.00 min

Lab File: BG023446.D

Acq: 4 Aug 2016 9:57

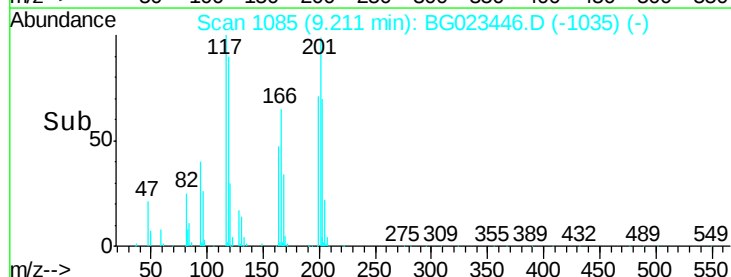
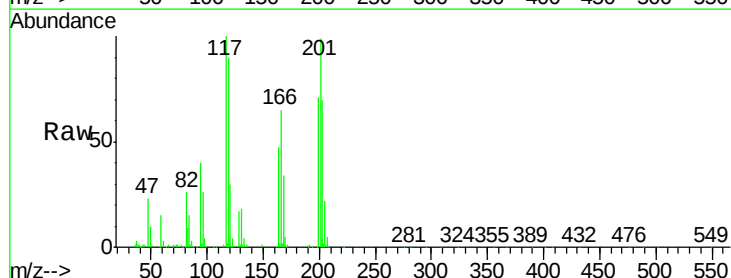
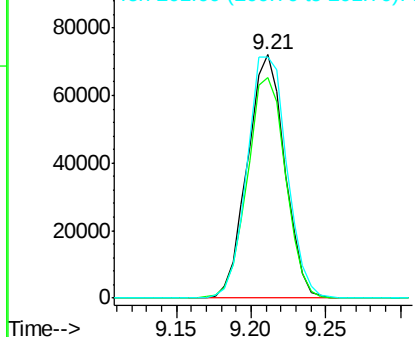
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	90.5	73.7	110.5	
201	99.2	88.7	133.1	

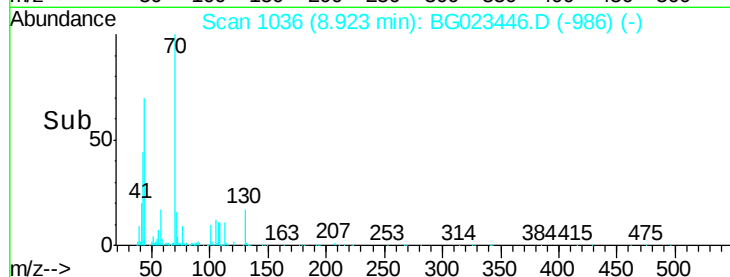
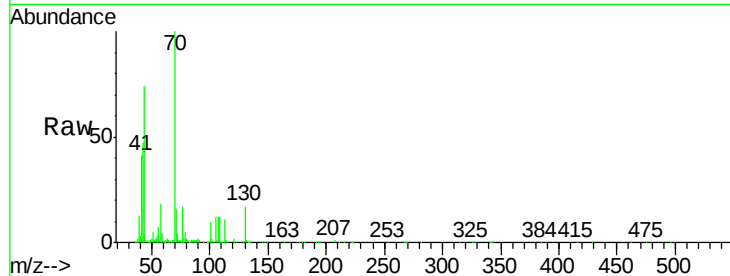
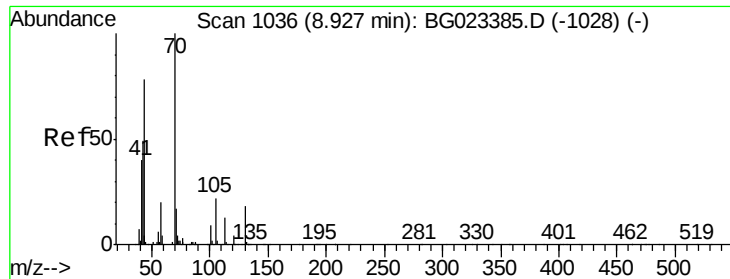
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





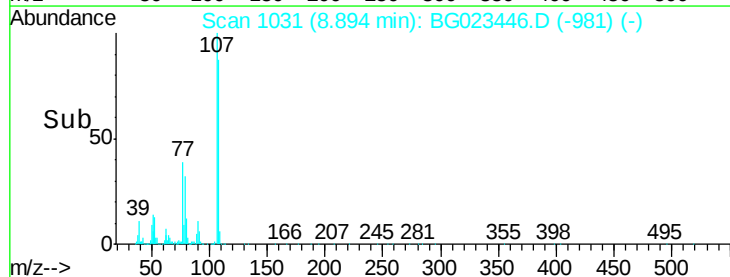
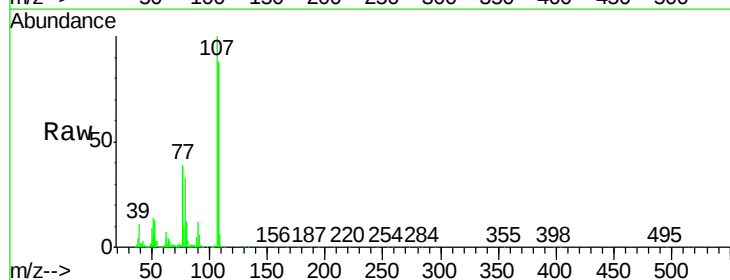
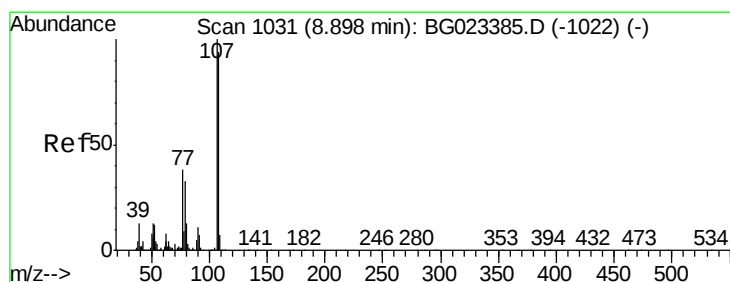
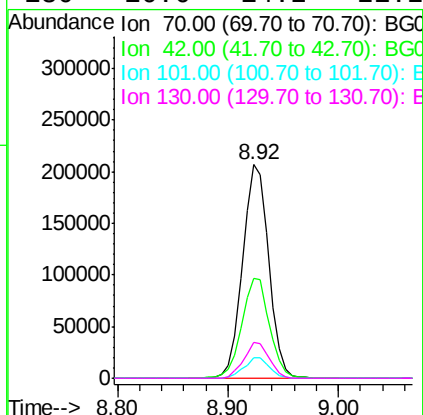
#19
n-Nitroso-di-n-propylamine
Concen: 43.42 ng
RT: 8.92 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BG023446.D
Acq: 4 Aug 2016 9:57

Instrument :
BNA_G
ClientSampleId :
PB92660BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	46.8	42.1	63.1
101	9.7	7.2	10.8
130	16.6	14.2	21.2

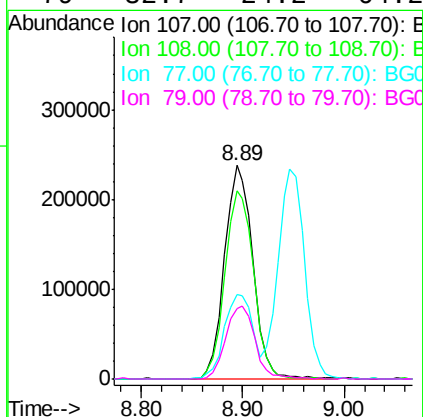
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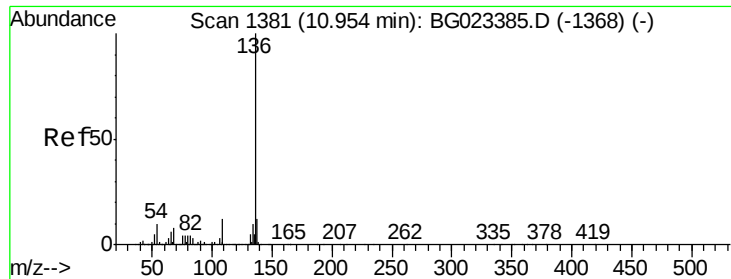
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#20
3+4-Methylphenols
Concen: 49.43 ng
RT: 8.89 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BG023446.D
Acq: 4 Aug 2016 9:57

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.8	72.5	112.5
77	39.4	30.1	70.1
79	32.7	24.2	64.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.95 min Scan# 1381

Delta R.T. -0.00 min

Lab File: BG023446.D

Acq: 4 Aug 2016 9:57

Instrument :

BNA_G

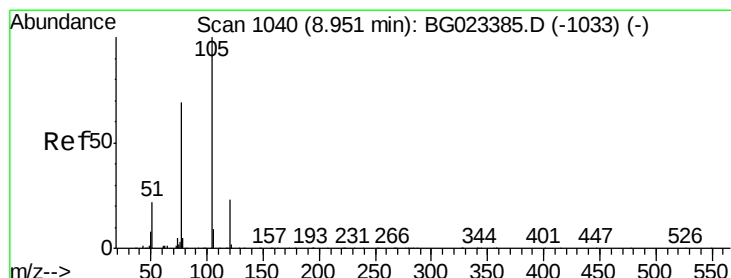
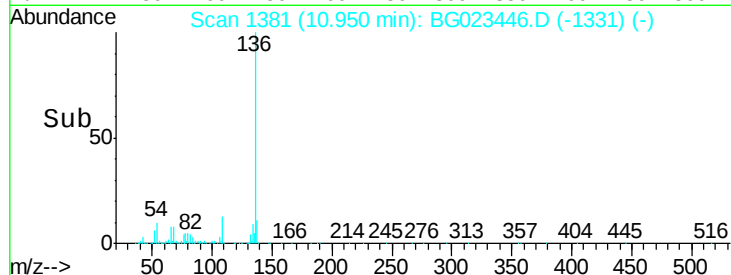
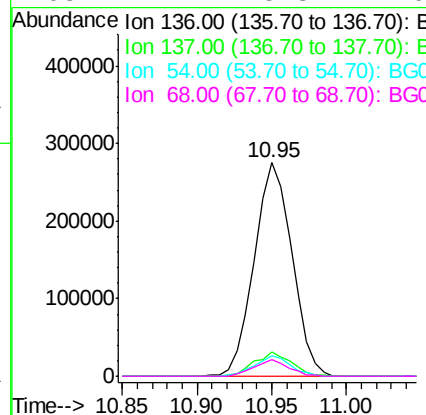
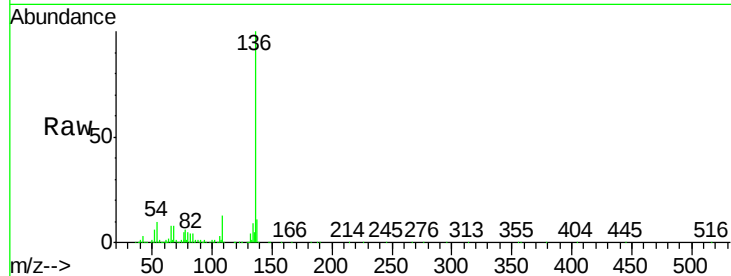
ClientSampleId :

PB92660BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		481619		
137	11.1		9.6	14.4	
54	9.6		7.3	10.9	
68	7.7		5.3	7.9	

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#22

Acetophenone

Concen: 37.15 ng

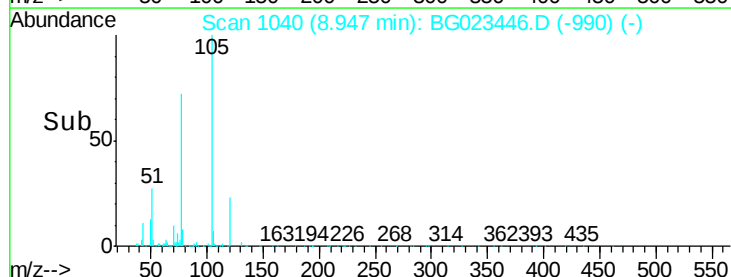
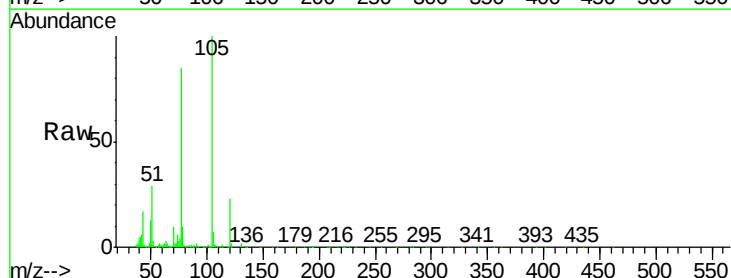
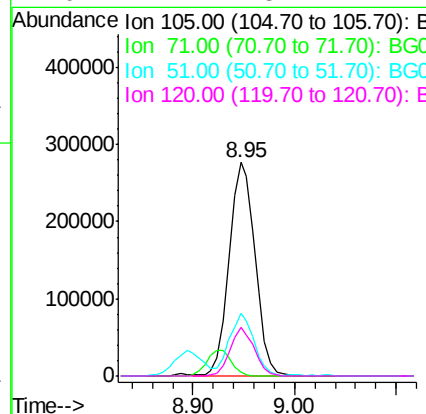
RT: 8.95 min Scan# 1040

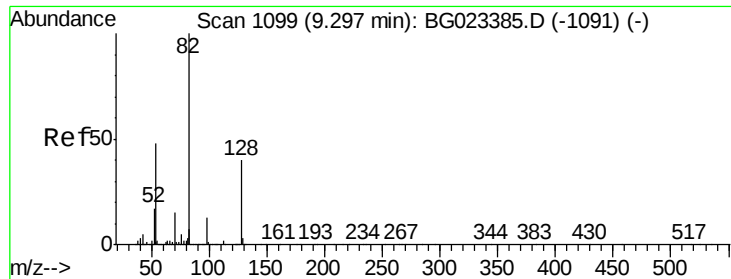
Delta R.T. -0.00 min

Lab File: BG023446.D

Acq: 4 Aug 2016 9:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		489932		
71	1.9		2.6	3.8#	
51	29.1		27.1	40.7	
120	22.7		15.1	22.7	





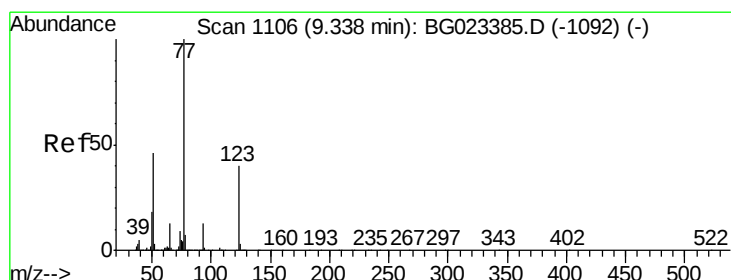
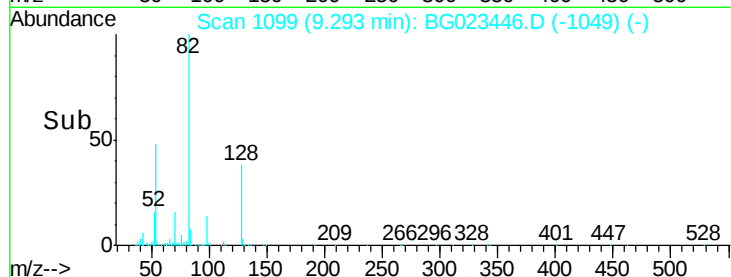
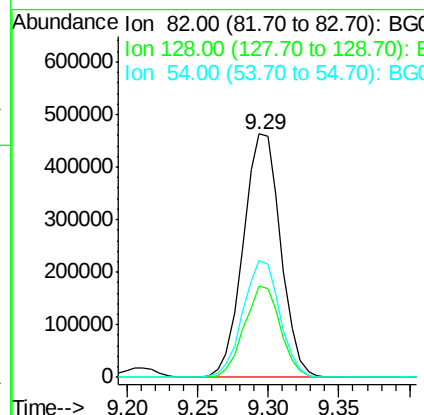
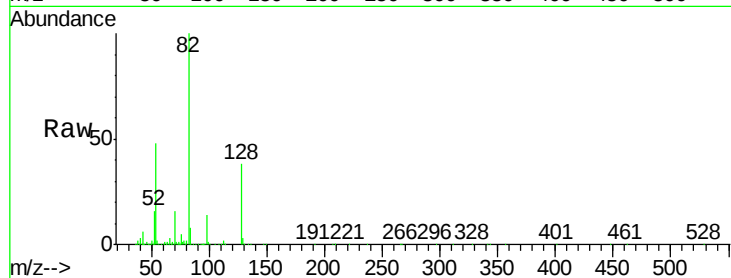
#23
 Nitrobenzene-d5
 Concen: 88.62 ng
 RT: 9.29 min Scan# 1099
 Delta R.T. -0.00 min
 Lab File: BG023446.D
 Acq: 4 Aug 2016 9:57

Instrument :
 BNA_G
 ClientSampleId :
 PB92660BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.7	24.4	36.6#
54	47.8	41.4	62.0

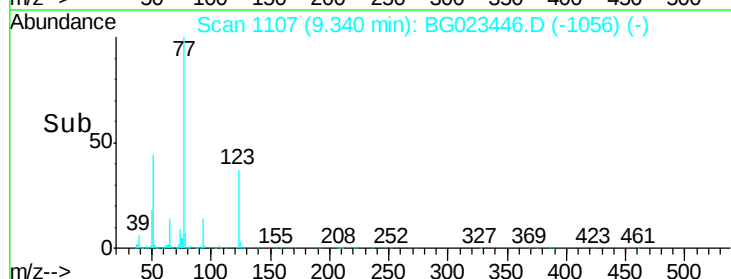
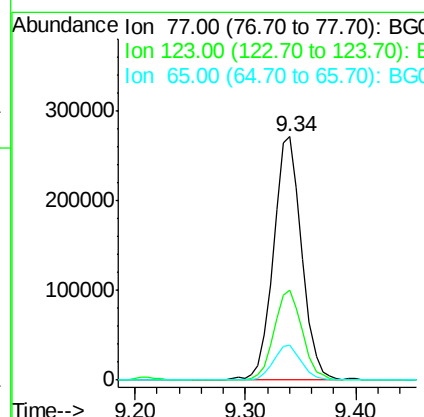
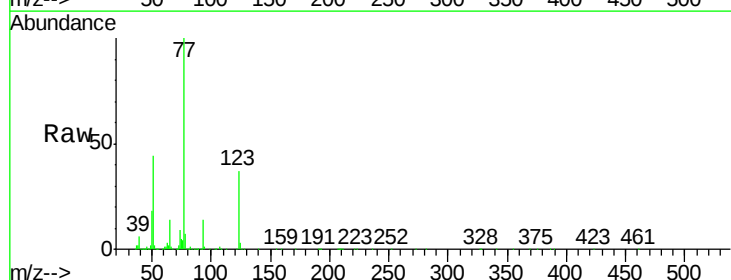
Manual Integrations
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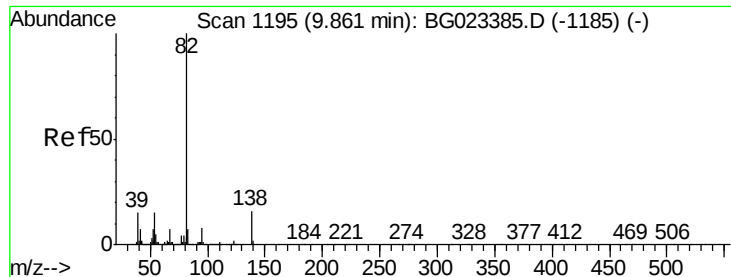
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#24
 Nitrobenzene
 Concen: 45.15 ng
 RT: 9.34 min Scan# 1107
 Delta R.T. 0.00 min
 Lab File: BG023446.D
 Acq: 4 Aug 2016 9:57

Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.0	25.0	37.6
65	14.4	13.4	20.0





#25

Isophorone

Concen: 45.21 ng

RT: 9.86 min Scan# 1195

Delta R.T. -0.00 min

Lab File: BG023446.D

Acq: 4 Aug 2016 9:57

Instrument :

BNA_G

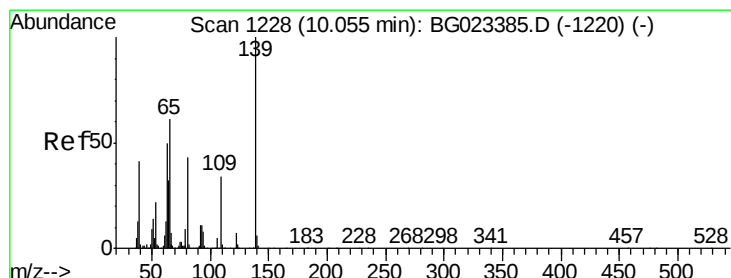
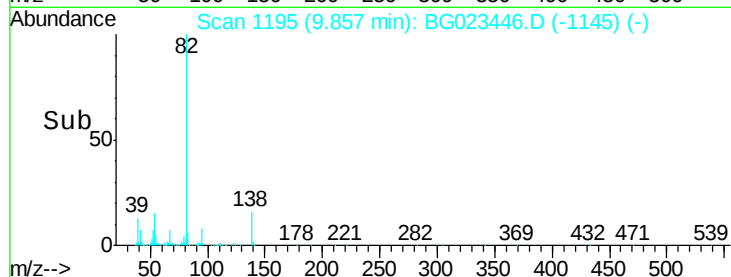
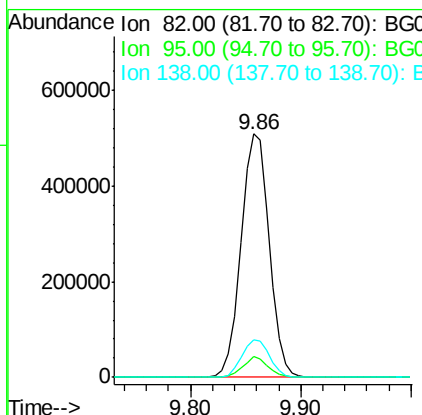
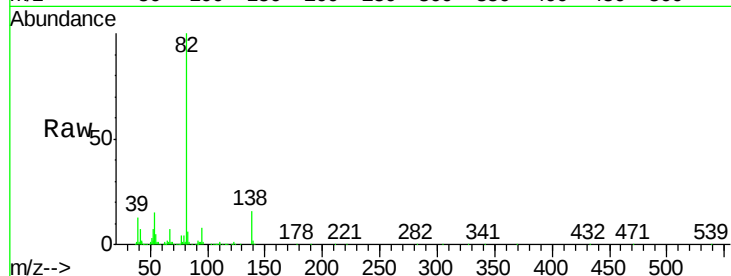
ClientSampleId :

PB92660BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
82	100				
95	8.3		8.2	12.2	
138	15.5		10.7	16.1	

Manual Integrations
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#26

2-Nitrophenol

Concen: 44.94 ng

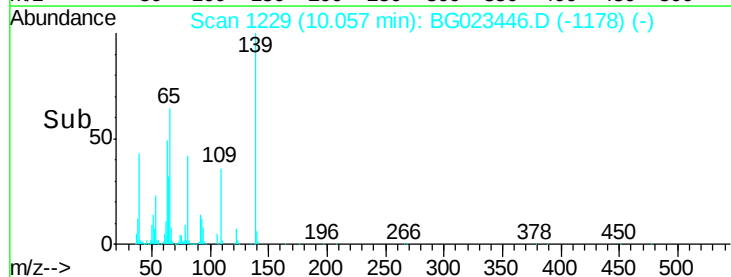
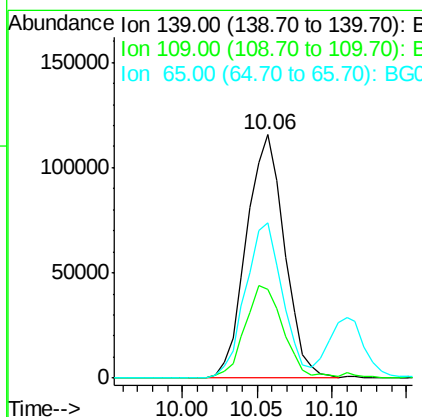
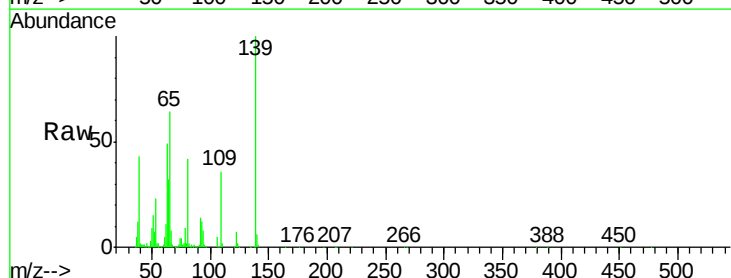
RT: 10.06 min Scan# 1229

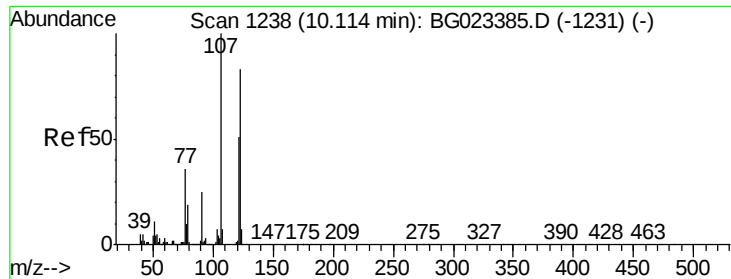
Delta R.T. 0.00 min

Lab File: BG023446.D

Acq: 4 Aug 2016 9:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
139	100				
109	36.2		43.5	65.3#	
65	63.6		64.3	96.5#	





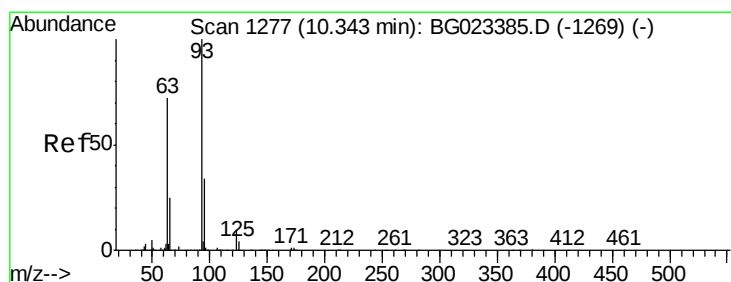
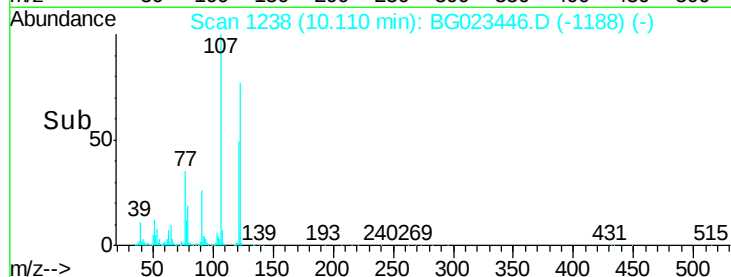
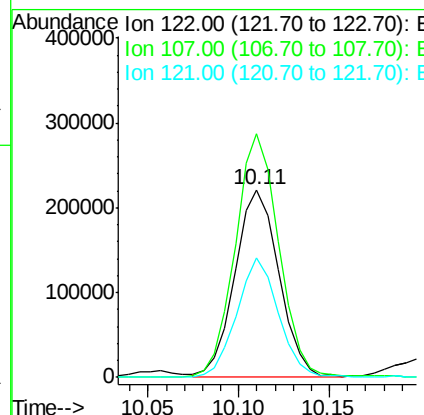
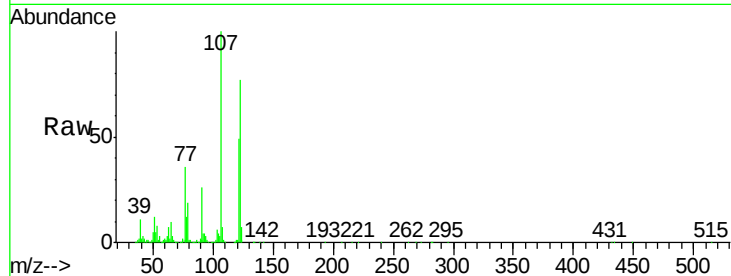
#27
 2,4-Dimethylphenol
 Concen: 48.10 ng
 RT: 10.11 min Scan# 1238
 Delta R.T. -0.00 min
 Lab File: BG023446.D
 Acq: 4 Aug 2016 9:57

Instrument :
 BNA_G
 ClientSampleId :
 PB92660BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	130.0	117.0	175.4
121	63.6	50.1	75.1

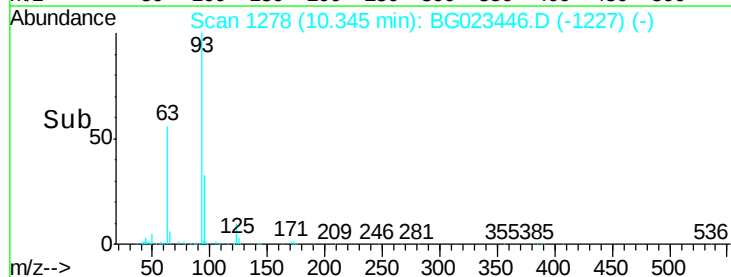
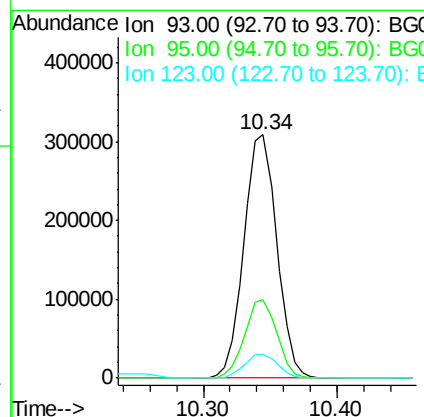
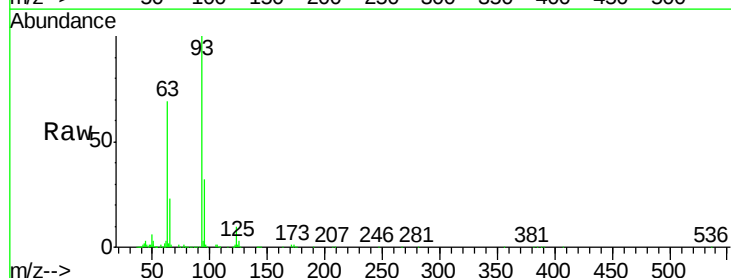
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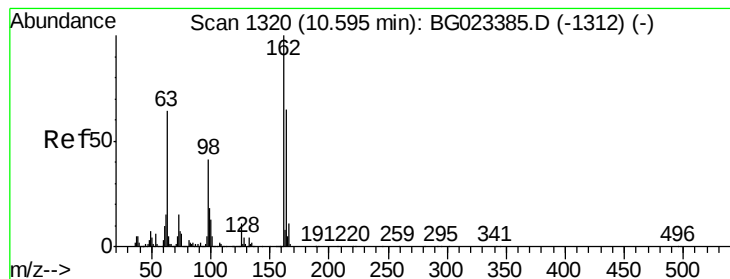
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#28
 bis(2-Chloroethoxy)methane
 Concen: 43.33 ng
 RT: 10.34 min Scan# 1278
 Delta R.T. 0.00 min
 Lab File: BG023446.D
 Acq: 4 Aug 2016 9:57

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	25.4	38.2
123	9.8	8.2	12.2





#29

2,4-Dichlorophenol

Concen: 51.20 ng

RT: 10.60 min Scan# 1321

Delta R.T. 0.00 min

Lab File: BG023446.D

Acq: 4 Aug 2016 9:57

Instrument :

BNA_G

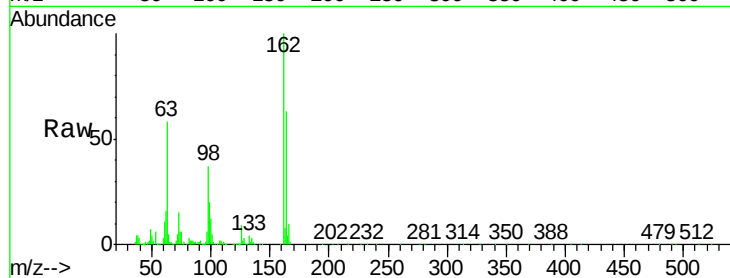
ClientSampleId :

PB92660BS

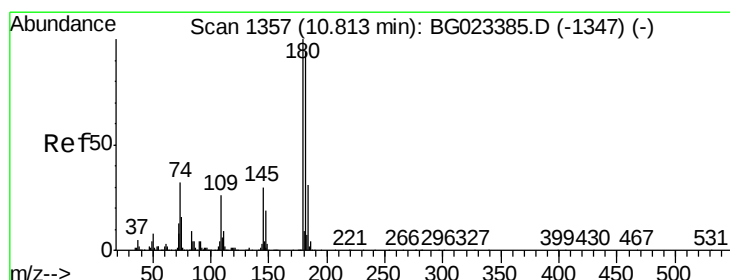
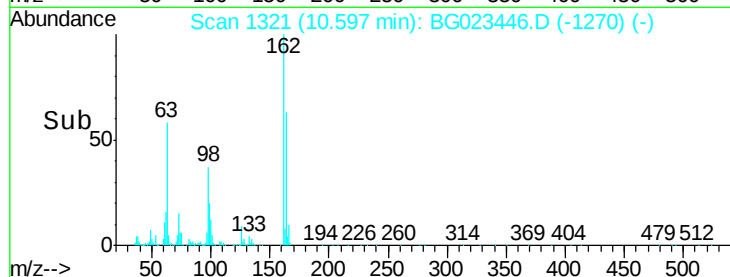
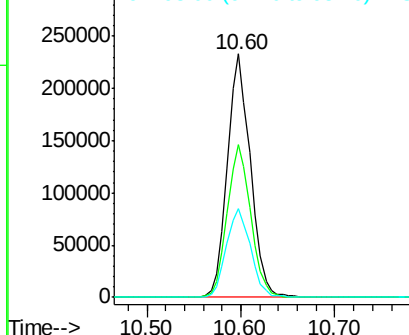
Tot Ion:	162	Resp:	396872
Ion Ratio	Lower	Upper	
162	100		
164	62.6	44.3	84.3
98	36.7	19.5	59.5

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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 42.77 ng

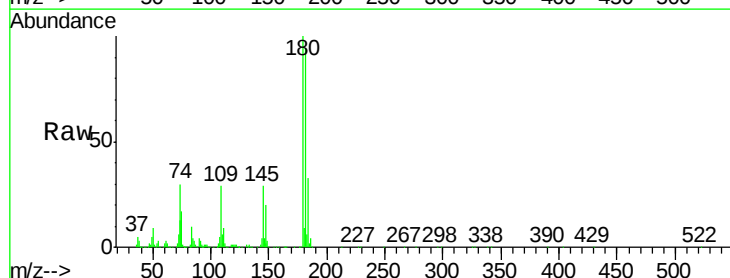
RT: 10.81 min Scan# 1357

Delta R.T. -0.00 min

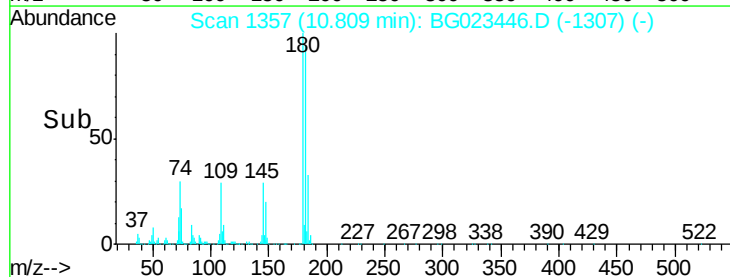
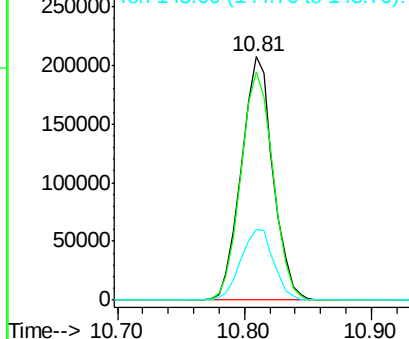
Lab File: BG023446.D

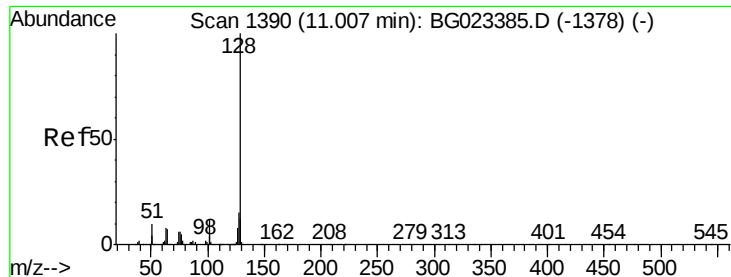
Acq: 4 Aug 2016 9:57

Tgt Ion:	180	Resp:	357580
Ion Ratio	Lower	Upper	
180	100		
182	93.8	73.8	110.8
145	29.4	24.4	36.6



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





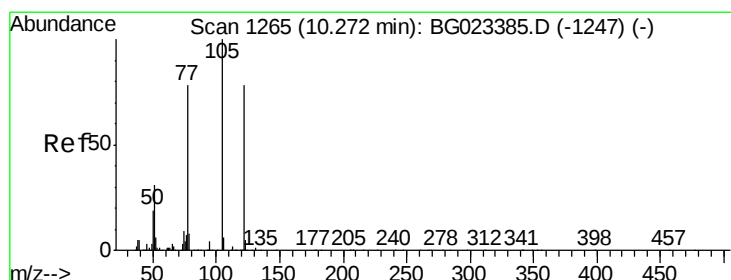
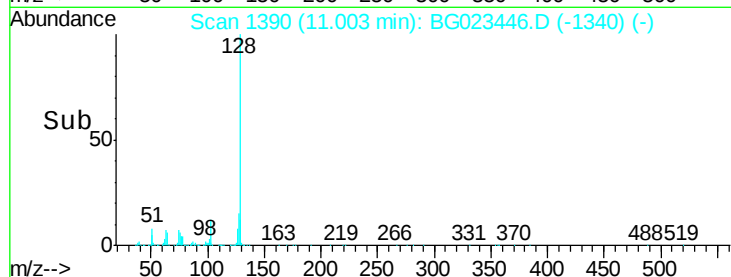
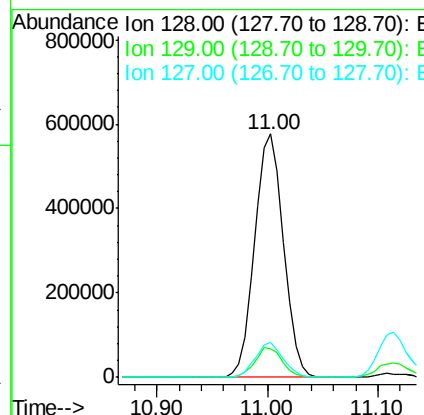
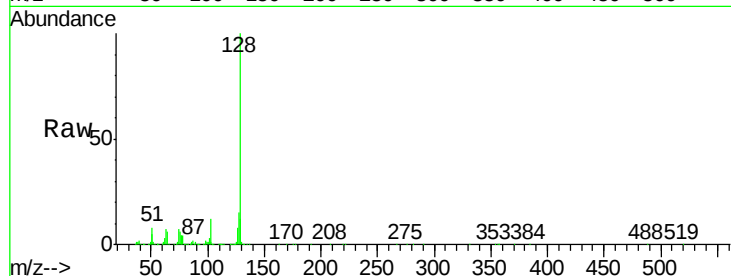
#31
Naphthalene
Concen: 43.08 ng
RT: 11.00 min Scan# 1390
Delta R.T. -0.00 min
Lab File: BG023446.D
Acq: 4 Aug 2016 9:57

Instrument :
BNA_G
ClientSampleId :
PB92660BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.4	14.0
127	14.5	11.3	16.9

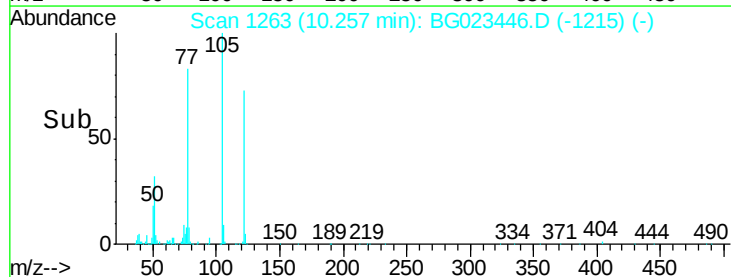
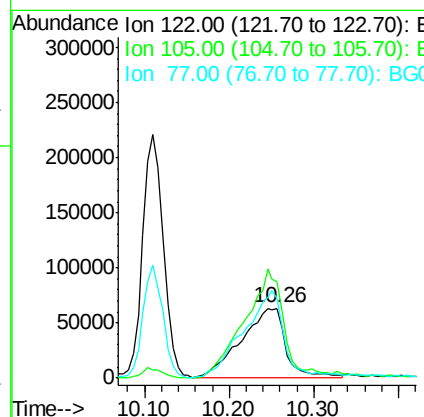
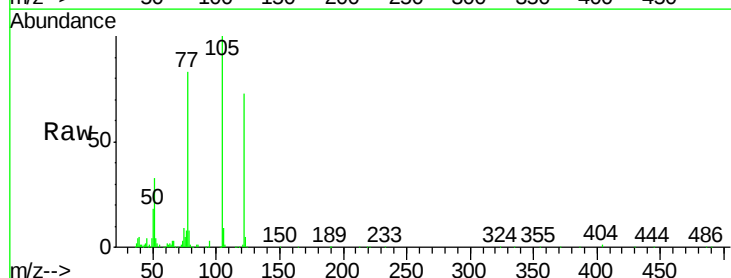
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#32
Benzoic acid
Concen: 34.16 ng
RT: 10.26 min Scan# 1263
Delta R.T. -0.02 min
Lab File: BG023446.D
Acq: 4 Aug 2016 9:57

Tgt Ion	Ratio	Lower	Upper
122	100		
105	137.4	117.2	157.2
77	113.9	109.2	149.2





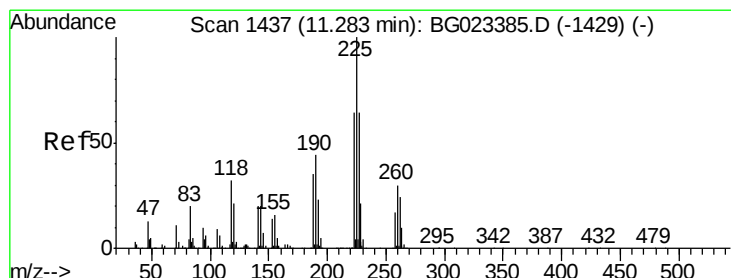
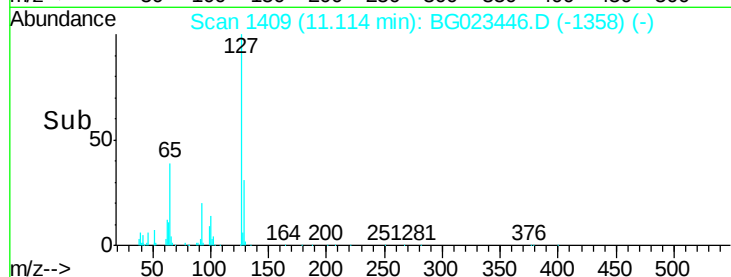
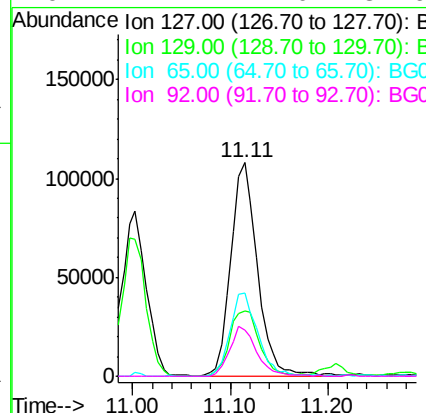
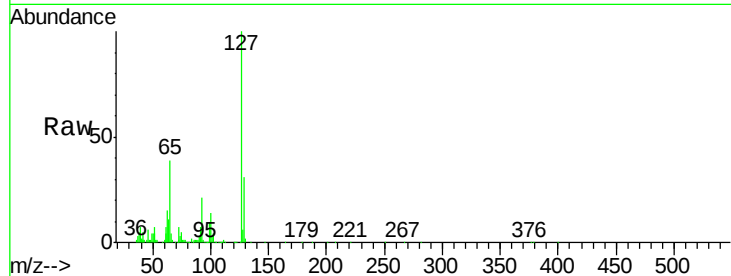
#33
4-Chloroaniline
Concen: 17.45 ng
RT: 11.11 min Scan# 1409
Delta R.T. 0.00 min
Lab File: BG023446.D
Acq: 4 Aug 2016 9:57

Instrument :
BNA_G
ClientSampleId :
PB92660BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	30.9	27.9	41.9
65	39.2	36.8	55.2
92	21.4	21.0	31.6

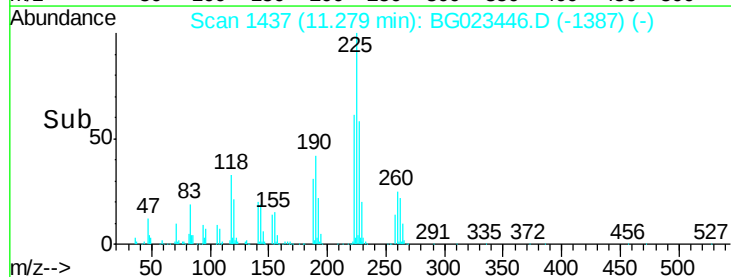
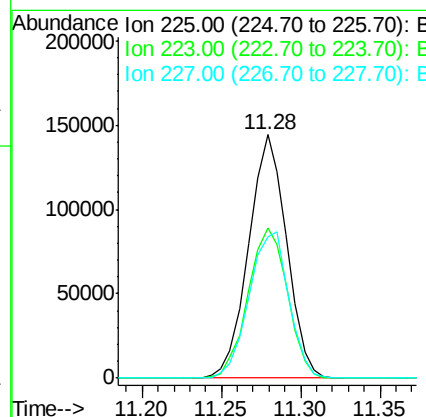
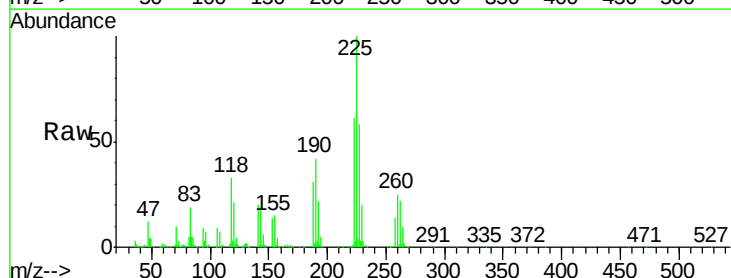
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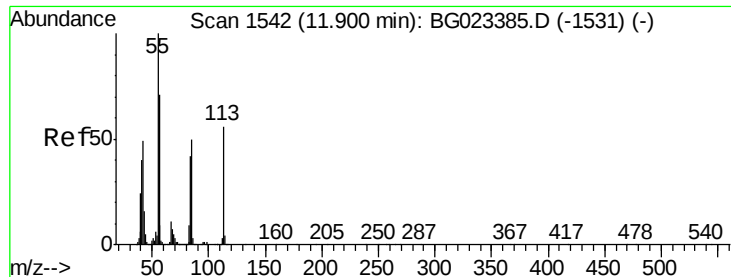
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#34
Hexachlorobutadiene
Concen: 43.62 ng
RT: 11.28 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BG023446.D
Acq: 4 Aug 2016 9:57

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.4	49.6	74.4
227	57.8	54.5	81.7





#35

Caprolactam

Concen: 48.38 ng/ml

RT: 11.90 min Scan# 1542

Delta R.T. -0.00 min

Lab File: BG023446.D

Acq: 4 Aug 2016 9:57

Instrument :

BNA_G

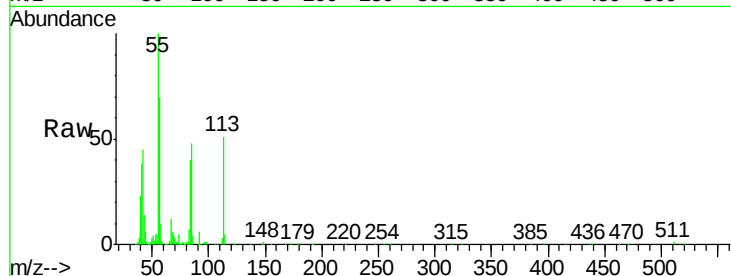
ClientSampleId :

PB92660BS

Tot Ion:	113	Resp:	157773
Ion Ratio	Lower	Upper	
113	100		
55	194.5	154.5	194.5
56	135.7	125.1	165.1

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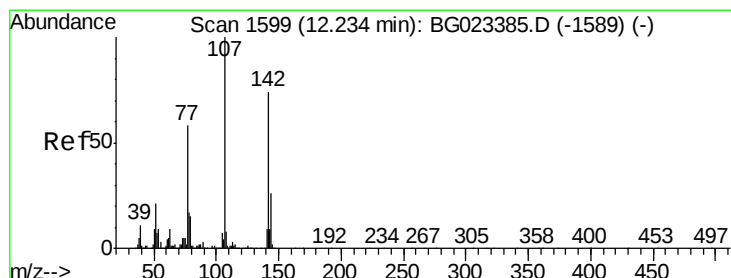
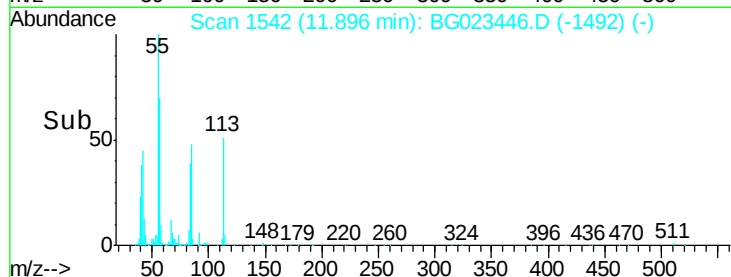
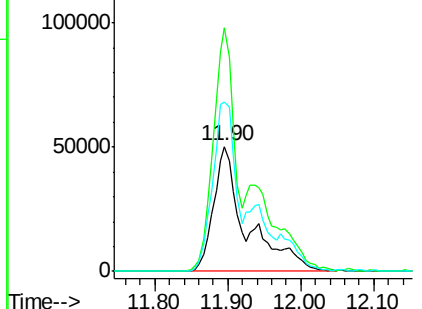
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 50.48 ng/ml

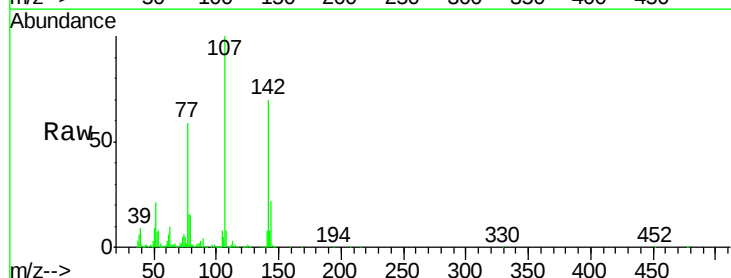
RT: 12.24 min Scan# 1600

Delta R.T. 0.00 min

Lab File: BG023446.D

Acq: 4 Aug 2016 9:57

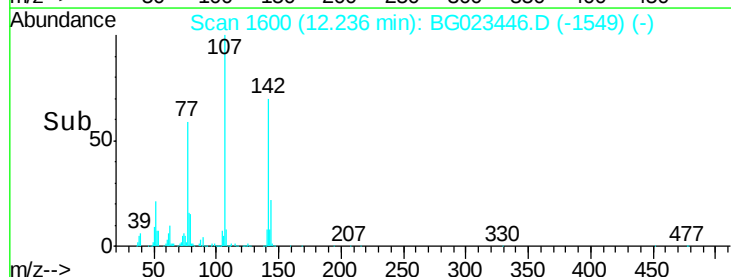
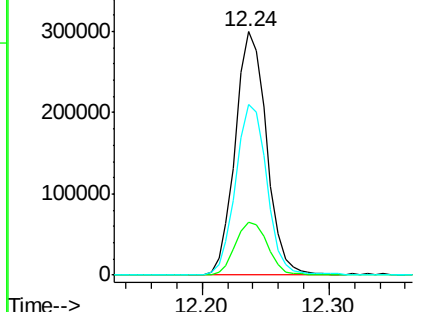
Tgt Ion:	107	Resp:	514123
Ion Ratio	Lower	Upper	
107	100		
144	21.8	17.0	25.6
142	69.9	53.0	79.6

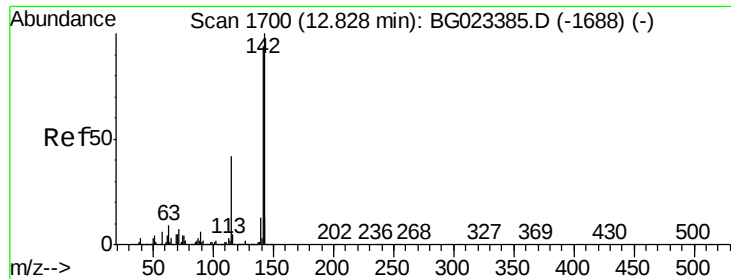


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





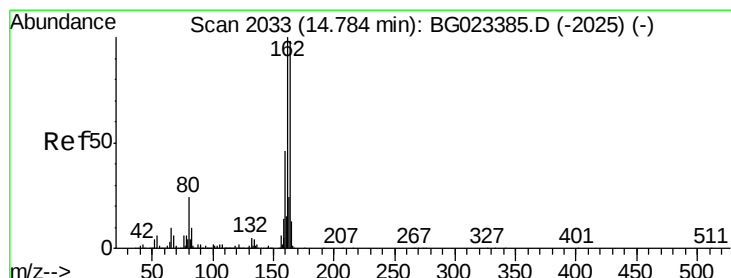
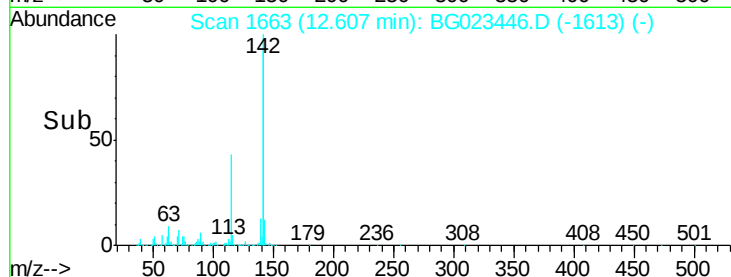
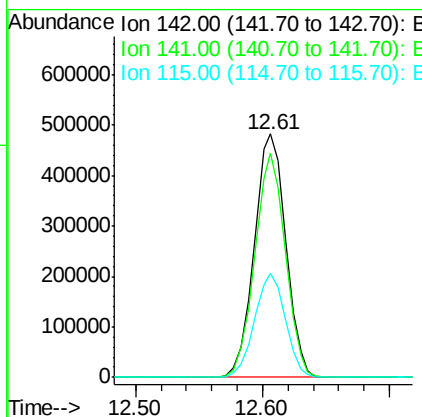
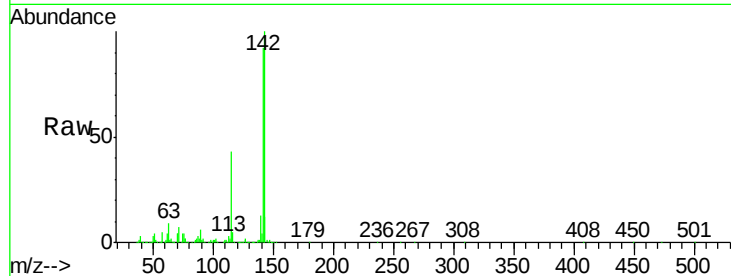
#37
2-Methylnaphthalene
Concen: 44.72 ng
RT: 12.61 min Scan# 1663
Delta R.T. -0.00 min
Lab File: BG023446.D
Acq: 4 Aug 2016 9:57

Instrument :
BNA_G
ClientSampleId :
PB92660BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.4	70.2	105.2
115	42.6	41.7	62.5

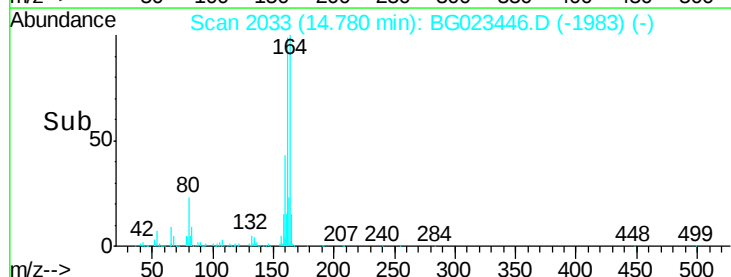
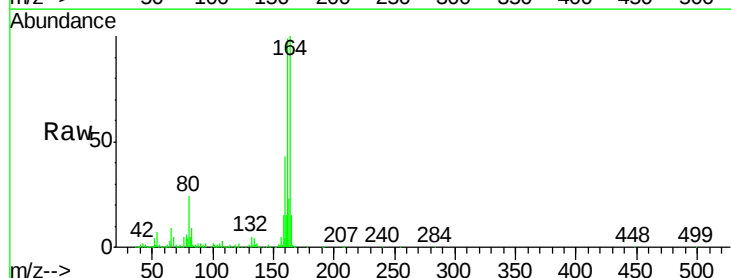
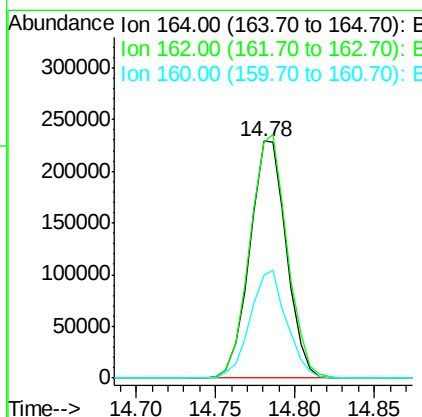
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.78 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BG023446.D
Acq: 4 Aug 2016 9:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.4	87.7	131.5
160	43.3	37.2	55.8





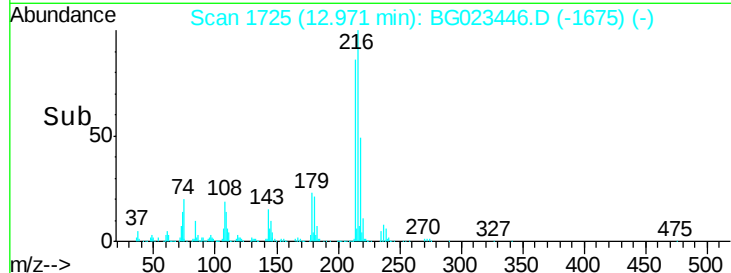
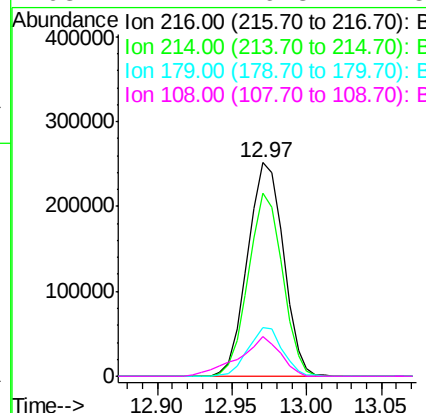
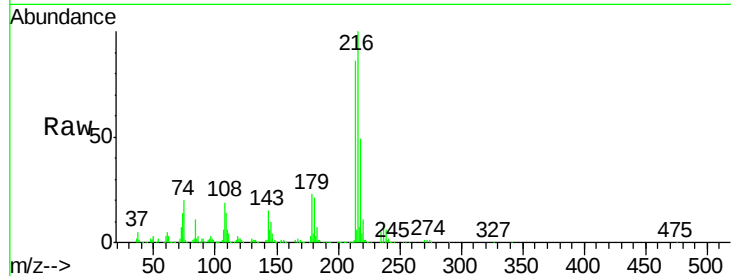
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 31.42 ng
 RT: 12.97 min Scan# 1725
 Delta R.T. -0.00 min
 Lab File: BG023446.D
 Acq: 4 Aug 2016 9:57

Instrument :
 BNA_G
 ClientSampleId :
 PB92660BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	81.5		62.9	94.3	
179	22.0		17.2	25.8	
108	21.2		16.3	24.5	

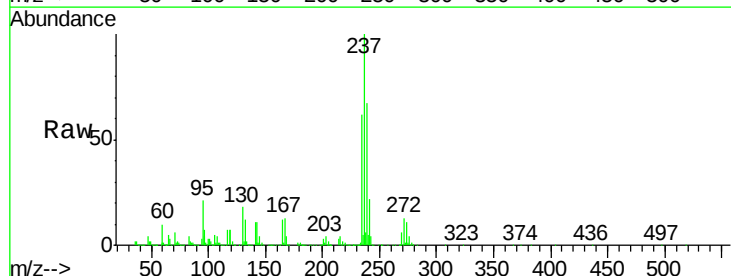
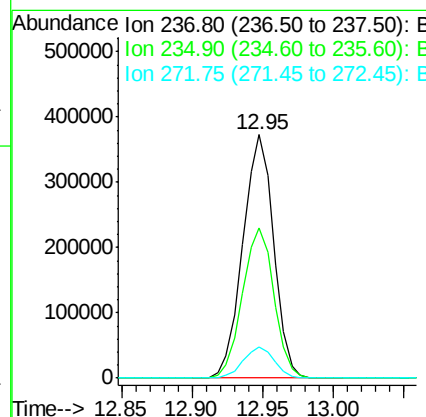
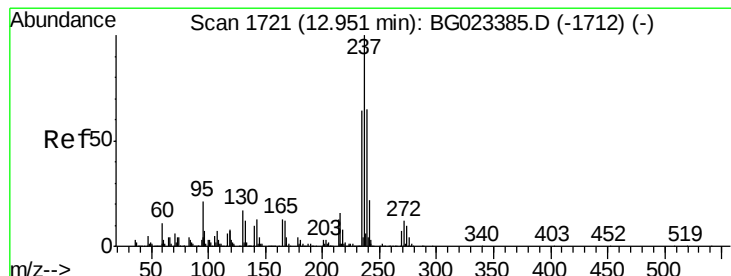
Manual Integrations
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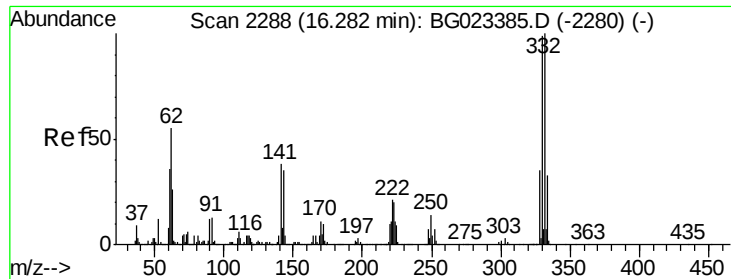
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#40
 Hexachlorocyclopentadiene
 Concen: 84.80 ng
 RT: 12.95 min Scan# 1721
 Delta R.T. -0.00 min
 Lab File: BG023446.D
 Acq: 4 Aug 2016 9:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	61.8		43.1	83.1	
272	13.0		0.0	30.9	





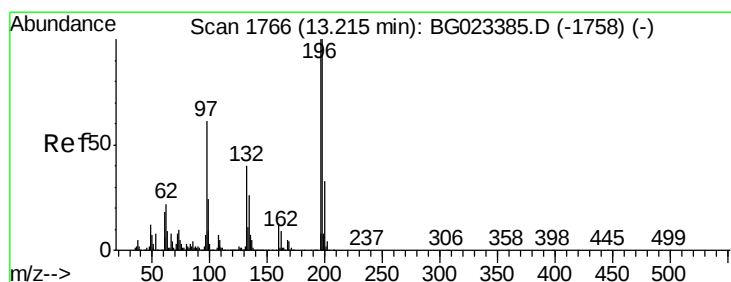
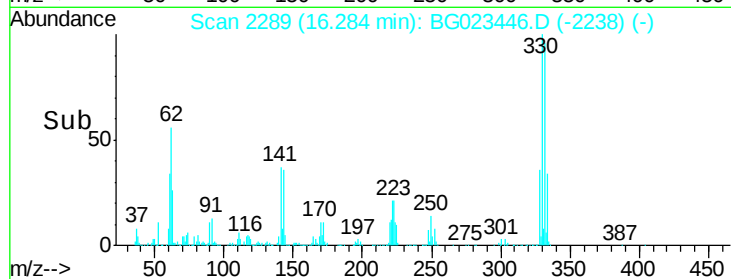
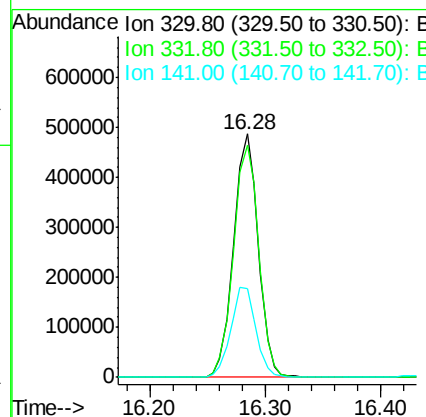
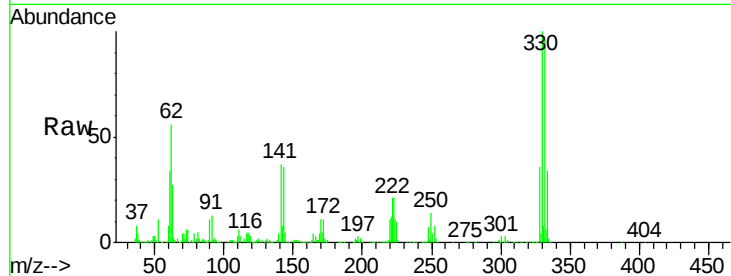
#41
 2,4,6-Tribromophenol
 Concen: 134.42 ng
 RT: 16.28 min Scan# 2289
 Delta R.T. 0.00 min
 Lab File: BG023446.D
 Acq: 4 Aug 2016 9:57

Instrument :
 BNA_G
 ClientSampleId :
 PB92660BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.9	77.4	116.2	
141	37.7	31.7	47.5	

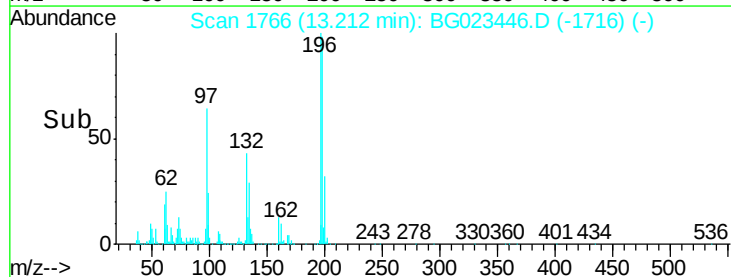
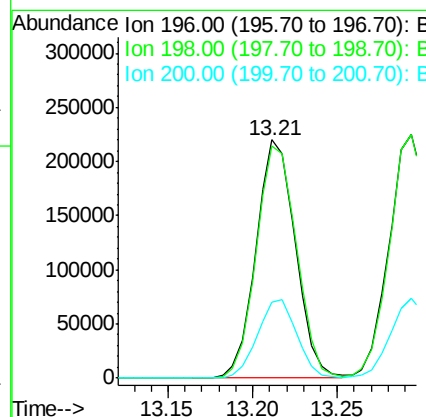
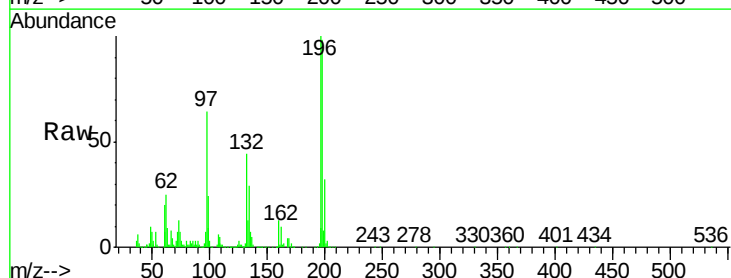
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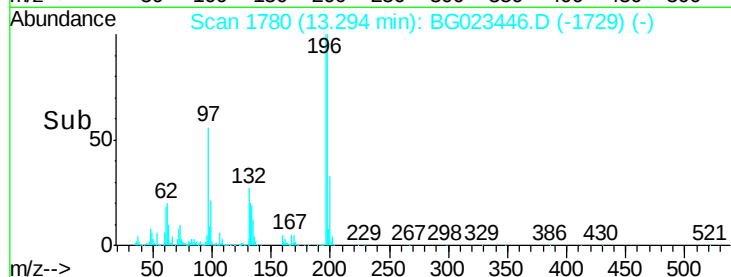
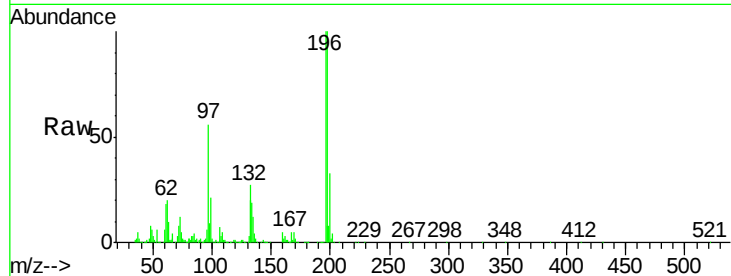
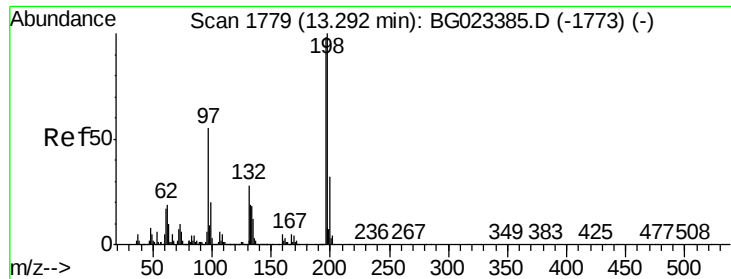
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#42
 2,4,6-Trichlorophenol
 Concen: 44.93 ng
 RT: 13.21 min Scan# 1766
 Delta R.T. -0.00 min
 Lab File: BG023446.D
 Acq: 4 Aug 2016 9:57

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	97.6	78.2	117.2	
200	31.9	27.0	40.4	





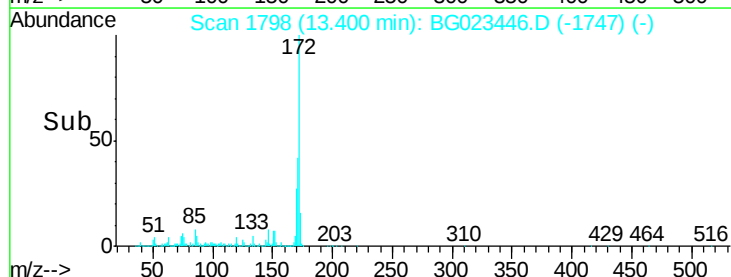
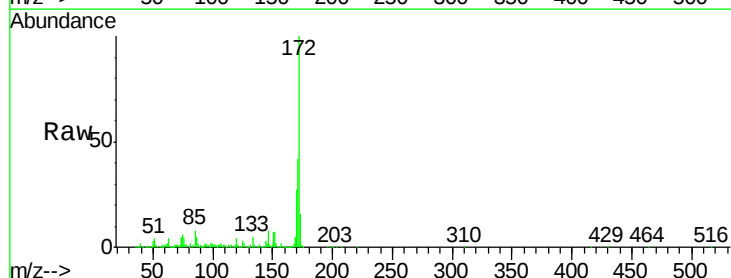
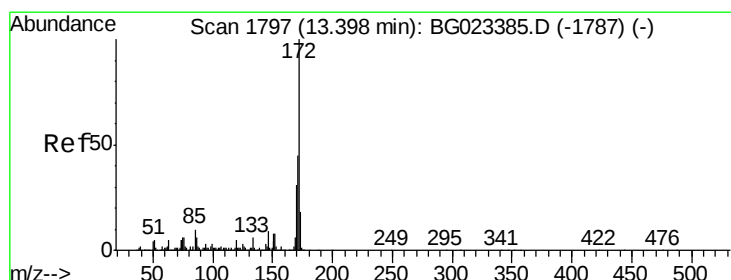
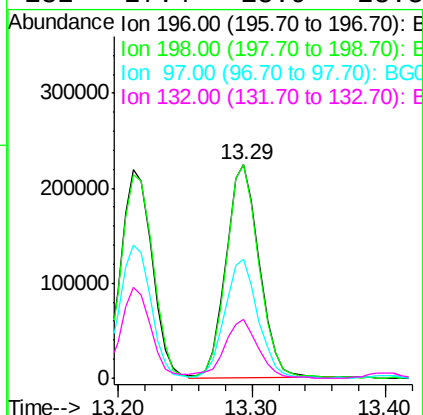
#43
2,4,5-Trichlorophenol
Concen: 47.84 ng
RT: 13.29 min Scan# 1780
Delta R.T. 0.00 min
Lab File: BG023446.D
Acq: 4 Aug 2016 9:57

Tot Ion	Ratio	Resp	Lower	Upper
196	100	389762		
198	100.1	85.7	128.5	
97	55.9	45.5	68.3	
132	27.4	18.9	28.3	

Instrument :
BNA_G
ClientSampleId :
PB92660BS

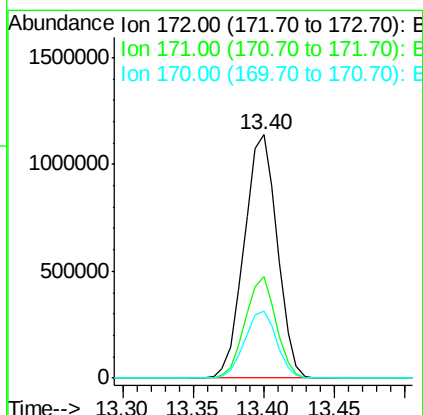
Manual Integrations
APPROVED

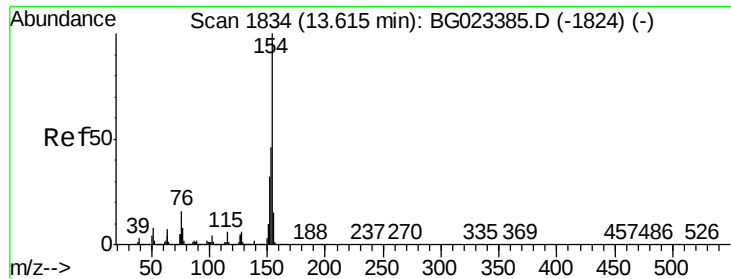
sohil
8/4/2016 6:08:45 PM



#44
2-Fluorobiphenyl
Concen: 85.83 ng
RT: 13.40 min Scan# 1798
Delta R.T. 0.00 min
Lab File: BG023446.D
Acq: 4 Aug 2016 9:57

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1864369		
171	41.8	31.6	47.4	
170	27.5	21.3	31.9	





#45

1,1'-Biphenyl

Concen: 37.71 ng

RT: 13.61 min Scan# 1834

Delta R.T. -0.00 min

Lab File: BG023446.D

Acq: 4 Aug 2016 9:57

Instrument :

BNA_G

ClientSampleId :

PB92660BS

Tot Ion:154 Resp: 1056132

Ion Ratio Lower Upper

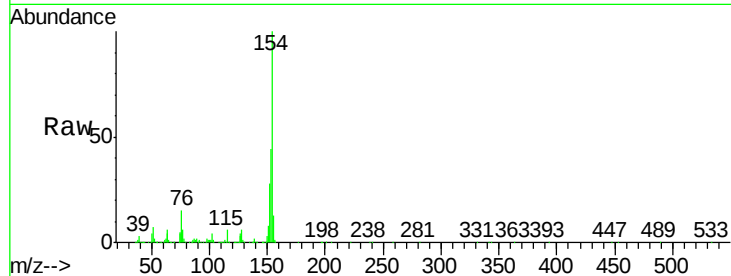
154 100

153 43.6 20.2 60.2

76 14.9 0.0 32.9

Manual Integrations
APPROVED

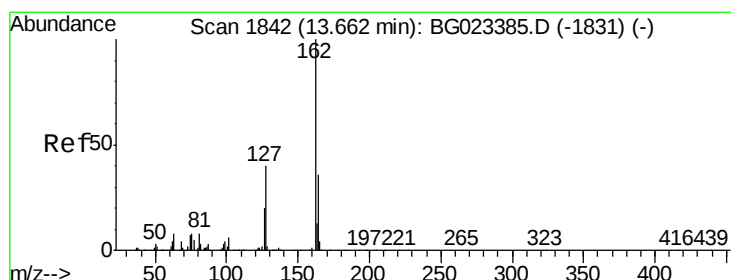
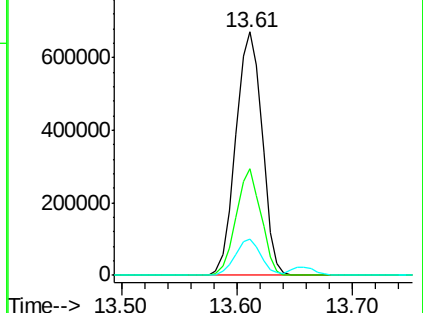
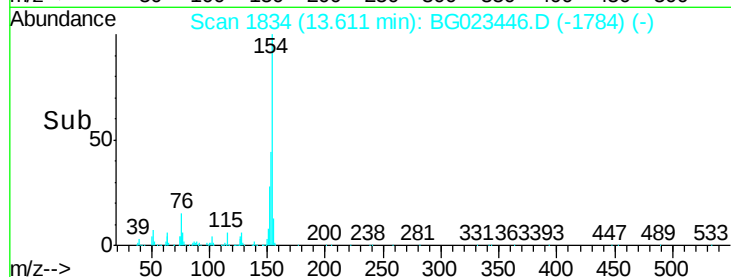
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 42.40 ng

RT: 13.66 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BG023446.D

Acq: 4 Aug 2016 9:57

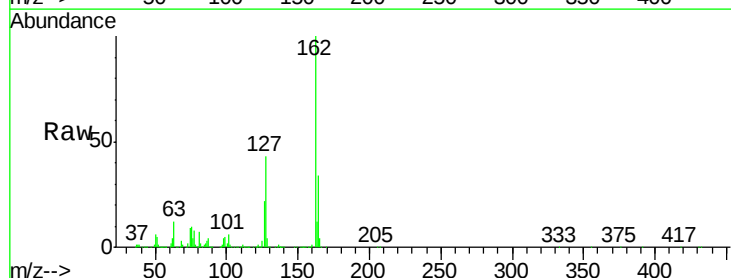
Tgt Ion:162 Resp: 918747

Ion Ratio Lower Upper

162 100

127 42.7 32.4 48.6

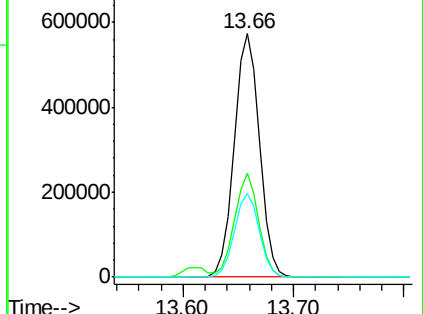
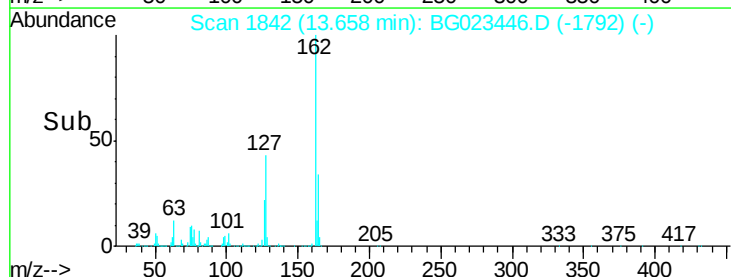
164 34.1 25.2 37.8

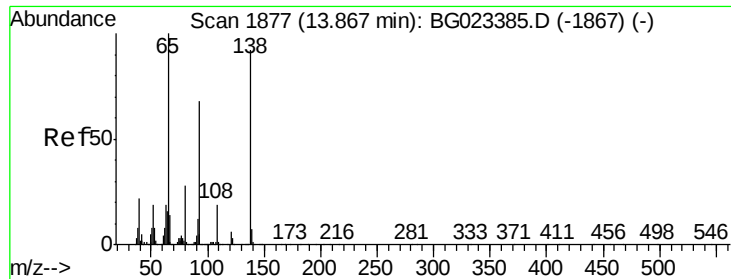


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





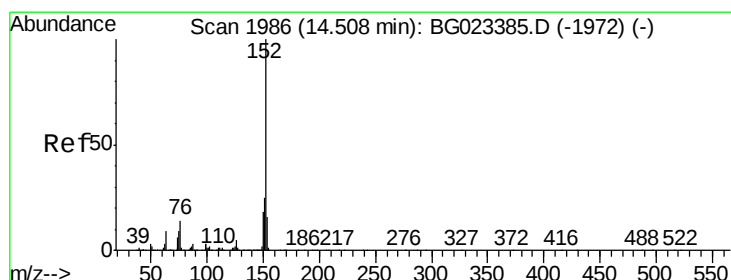
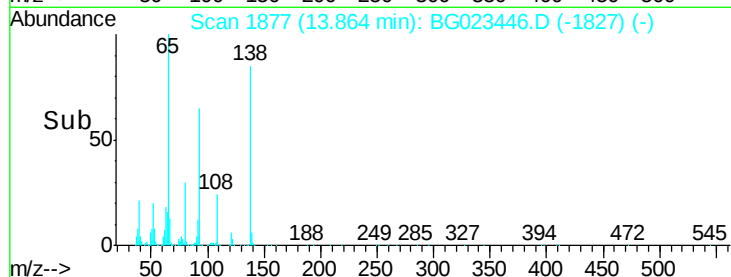
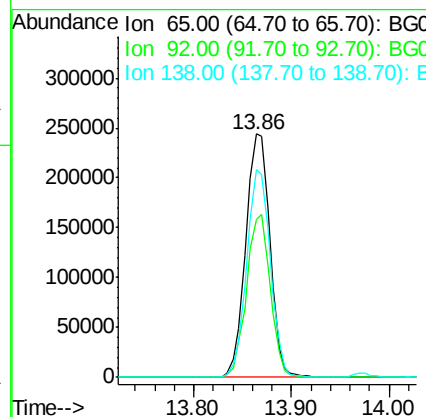
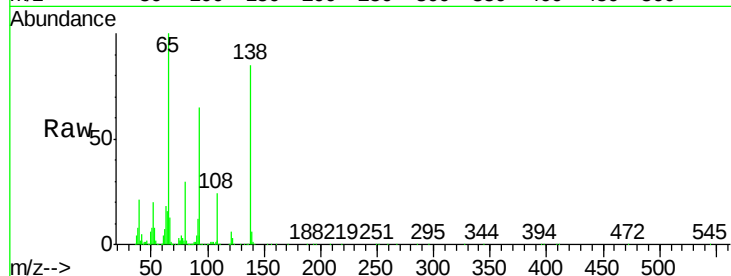
#47
2-Nitroaniline
Concen: 46.77 ng
RT: 13.86 min Scan# 1877
Delta R.T. -0.00 min
Lab File: BG023446.D
Acq: 4 Aug 2016 9:57

Instrument :
BNA_G
ClientSampleId :
PB92660BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	64.9	49.4	74.0
138	85.1	58.0	87.0

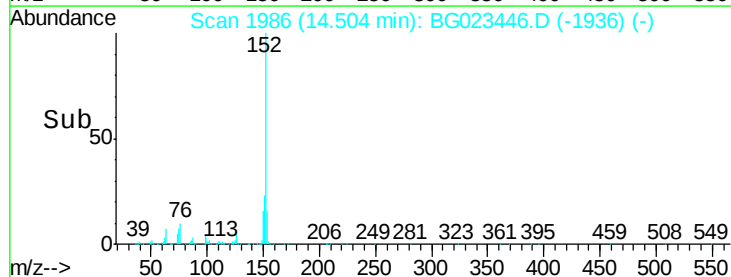
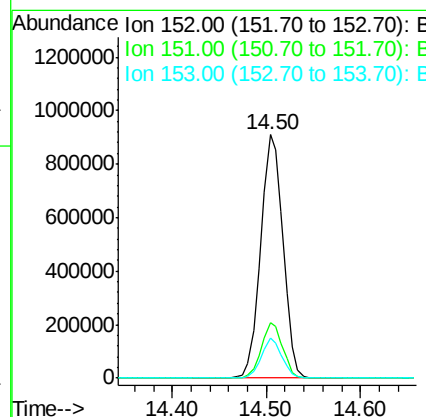
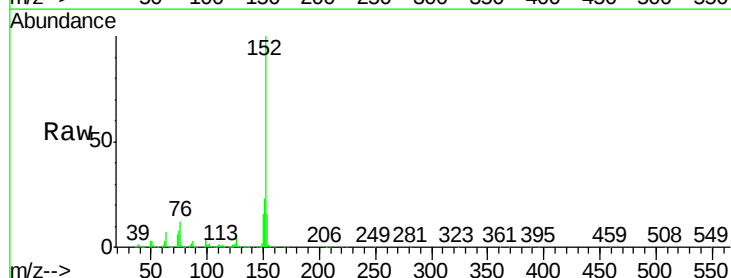
Manual Integrations
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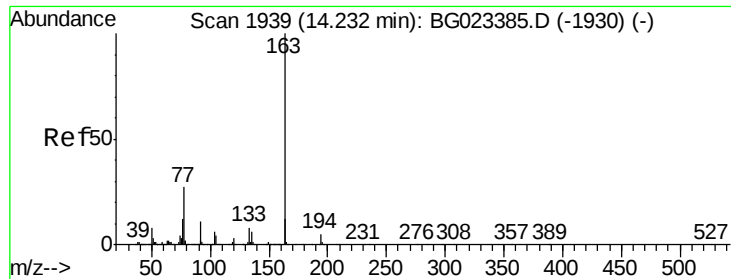
sohil
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#48
Acenaphthylene
Concen: 43.56 ng
RT: 14.50 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BG023446.D
Acq: 4 Aug 2016 9:57

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.9	17.6	26.4
153	16.3	11.4	17.2





#49

Dimethylphthalate

Concen: 47.05 ng

RT: 14.23 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BG023446.D

Acq: 4 Aug 2016 9:57

Instrument :

BNA_G

ClientSampleId :

PB92660BS

Tot Ion:163 Resp: 1322595

Ion Ratio Lower Upper

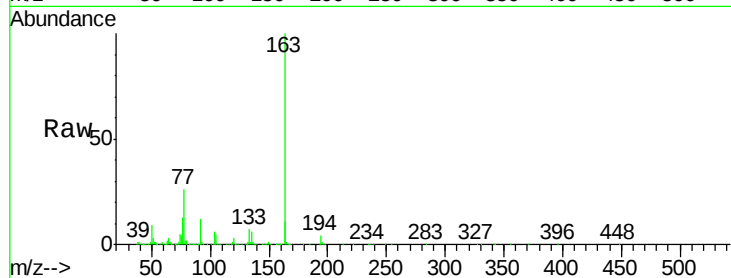
163 100

194 4.2 3.6 5.4

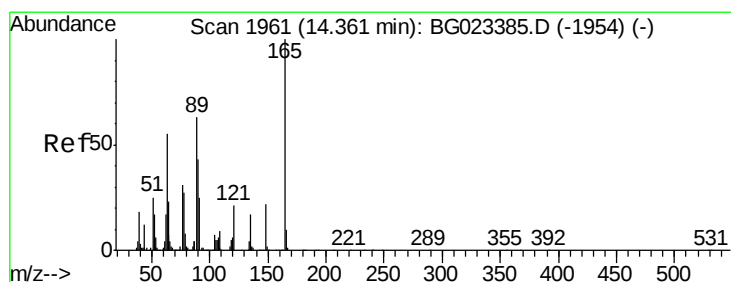
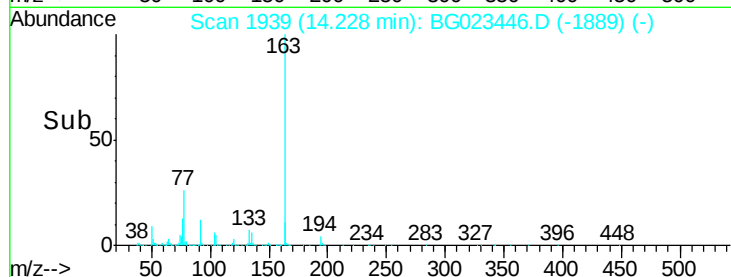
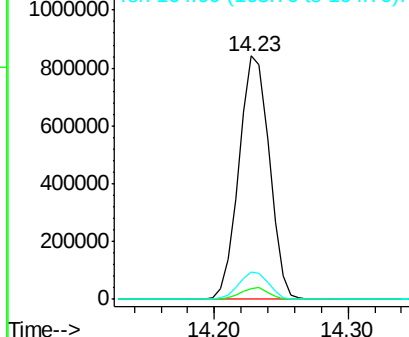
164 11.0 8.1 12.1

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



#50

2,6-Dinitrotoluene

Concen: 46.51 ng

RT: 14.36 min Scan# 1961

Delta R.T. -0.00 min

Lab File: BG023446.D

Acq: 4 Aug 2016 9:57

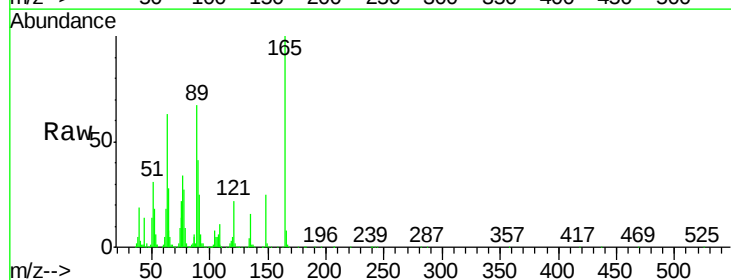
Tgt Ion:165 Resp: 309646

Ion Ratio Lower Upper

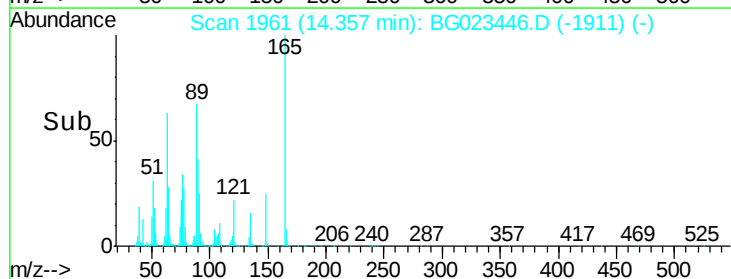
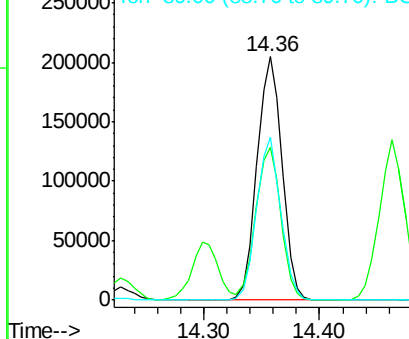
165 100

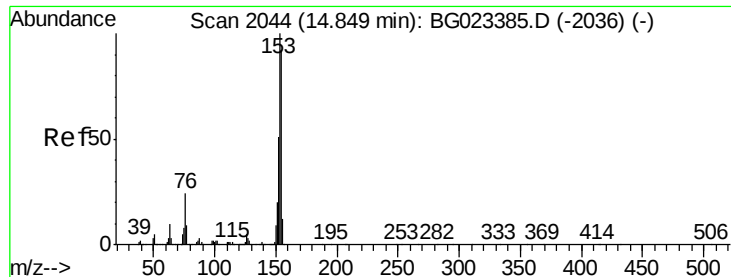
63 62.7 64.3 96.5#

89 66.9 64.3 96.5



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





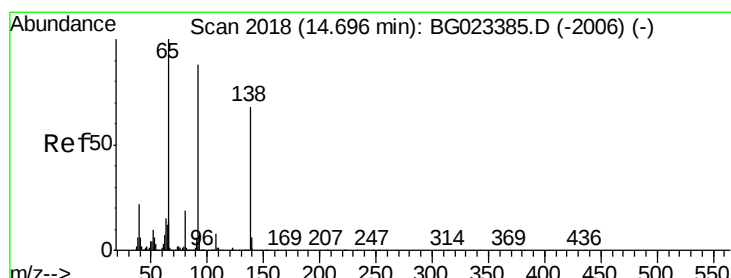
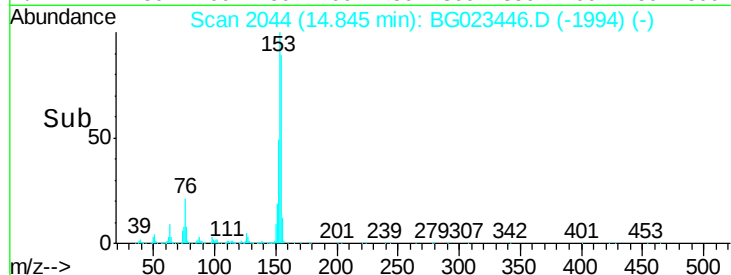
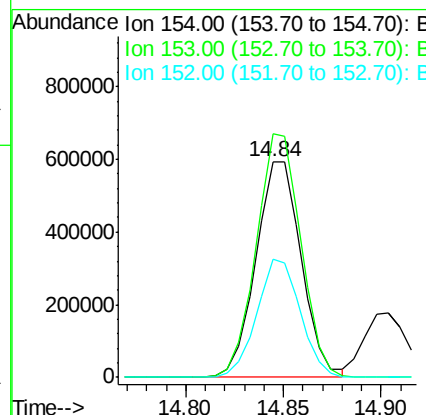
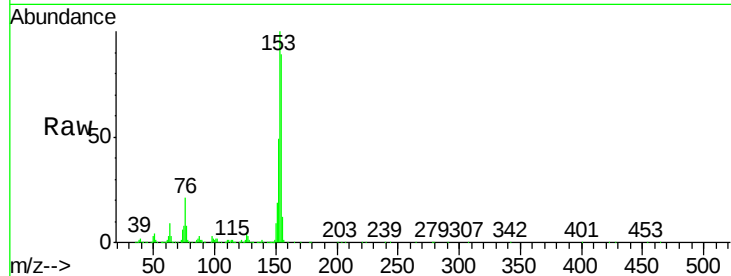
#51
Acenaphthene
Concen: 44.13 ng
RT: 14.84 min Scan# 2044
Delta R.T. -0.00 min
Lab File: BG023446.D
Acq: 4 Aug 2016 9:57

Instrument :
BNA_G
ClientSampleId :
PB92660BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	112.8	87.5	131.3
152	55.0	42.7	64.1

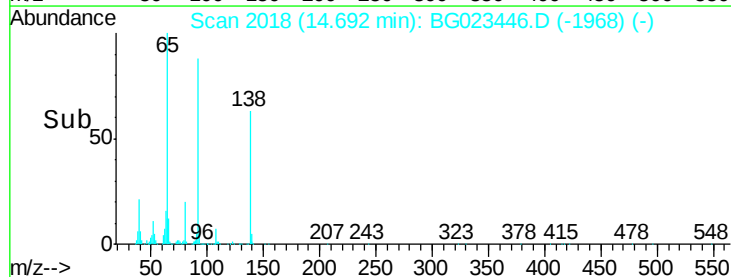
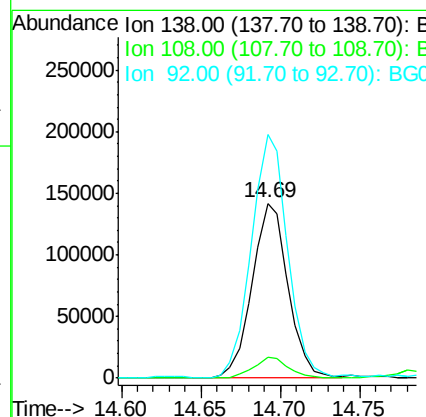
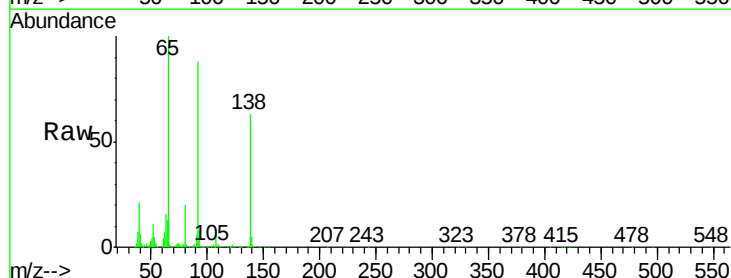
Manual Integrations
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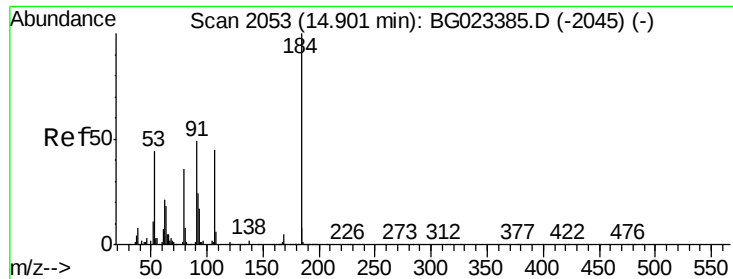
sohil
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#52
3-Nitroaniline
Concen: 29.74 ng
RT: 14.69 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BG023446.D
Acq: 4 Aug 2016 9:57

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.6	11.7	17.5#
92	139.4	129.7	194.5





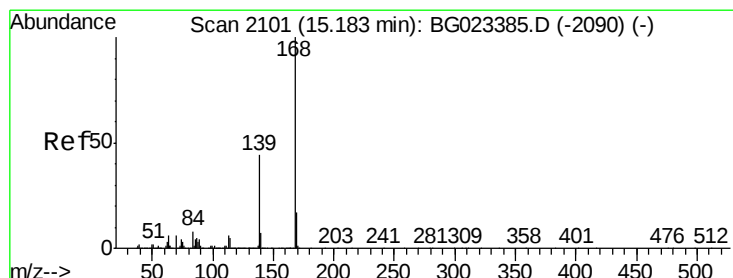
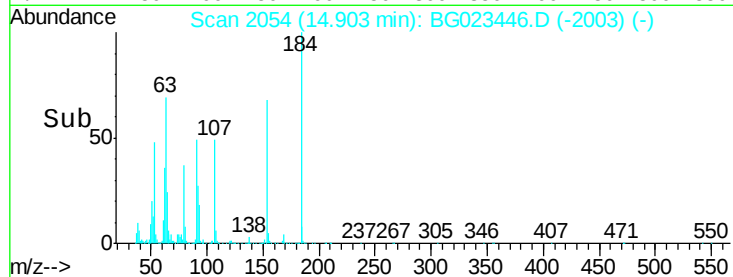
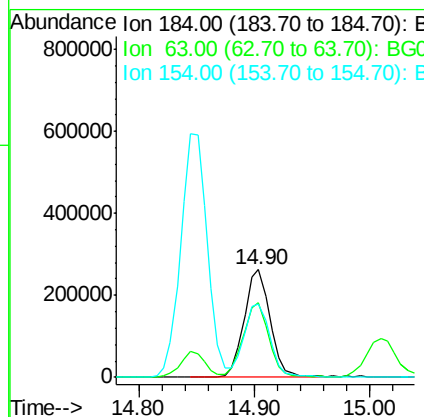
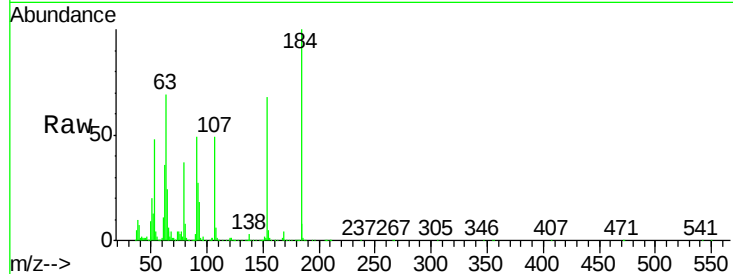
#53
2,4-Dinitrophenol
Concen: 96.78 ng
RT: 14.90 min Scan# 2054
Delta R.T. 0.00 min
Lab File: BG023446.D
Acq: 4 Aug 2016 9:57

Instrument :
BNA_G
ClientSampleId :
PB92660BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	69.2	59.6	89.4
154	68.0	67.4	101.0

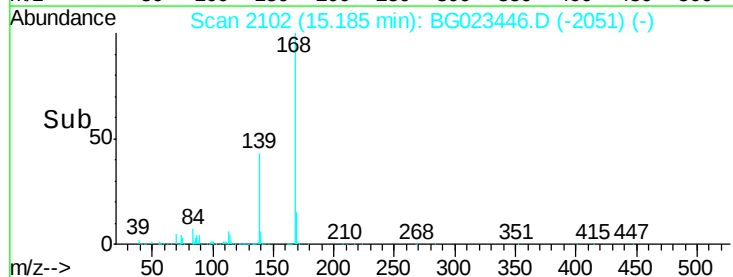
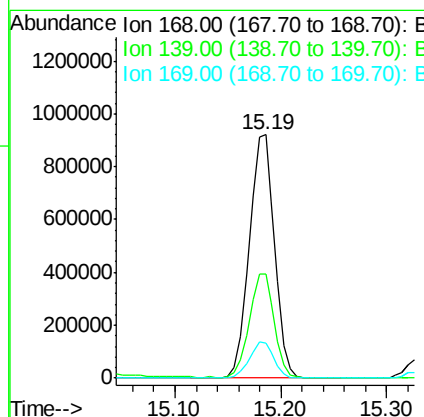
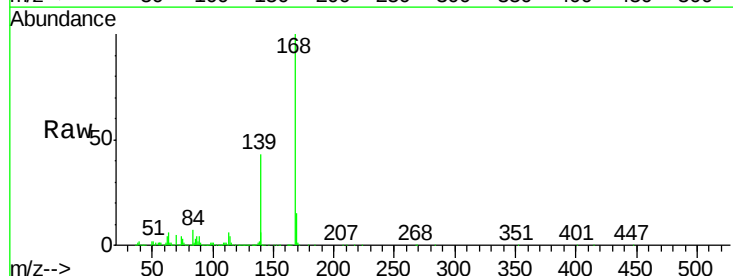
Manual Integrations
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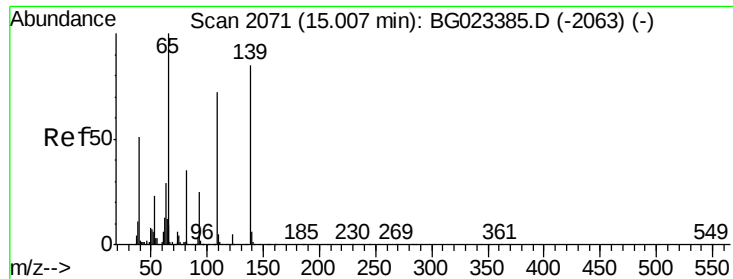
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#54
Dibenzofuran
Concen: 48.51 ng
RT: 15.19 min Scan# 2102
Delta R.T. 0.00 min
Lab File: BG023446.D
Acq: 4 Aug 2016 9:57

Tgt Ion	Ratio	Lower	Upper
168	100		
139	42.7	36.4	54.6
169	14.5	11.9	17.9





#55

4-Nitrophenol

Concen: 87.60 ng

RT: 15.01 min Scan# 2072

Delta R.T. 0.00 min

Lab File: BG023446.D

Acq: 4 Aug 2016 9:57

Instrument :

BNA_G

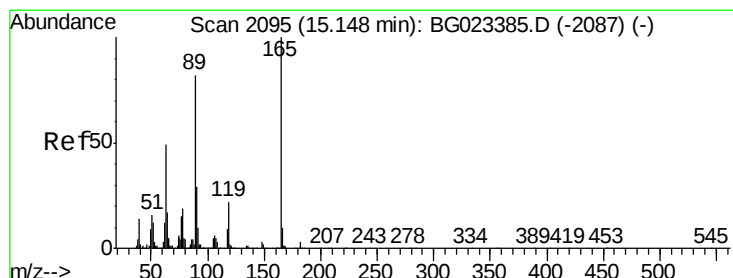
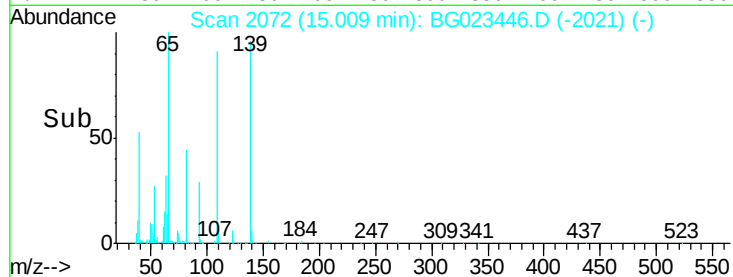
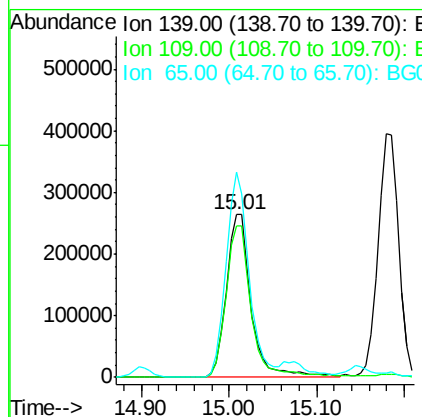
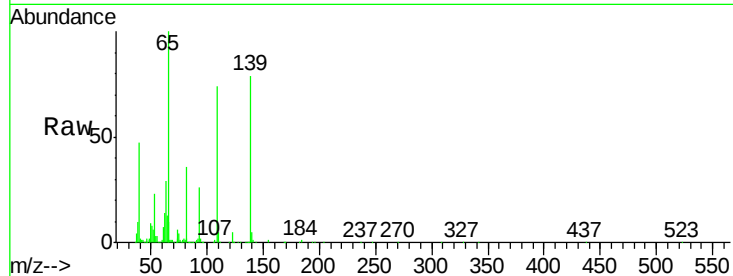
ClientSampleId :

PB92660BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	93.4	103.0	143.0#
65	126.4	112.7	152.7

Manual Integrations
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#56

2,4-Dinitrotoluene

Concen: 49.83 ng

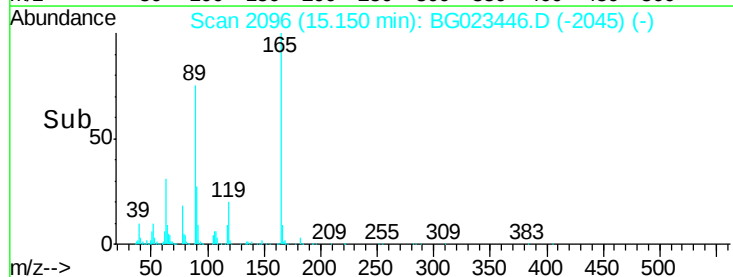
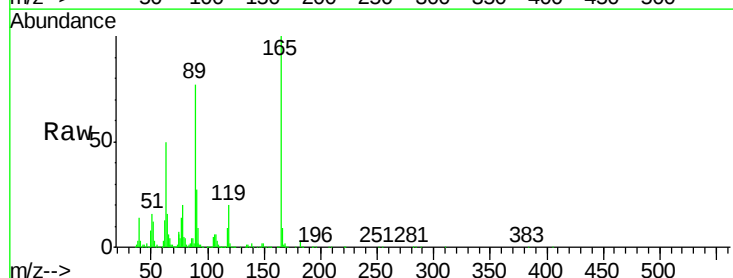
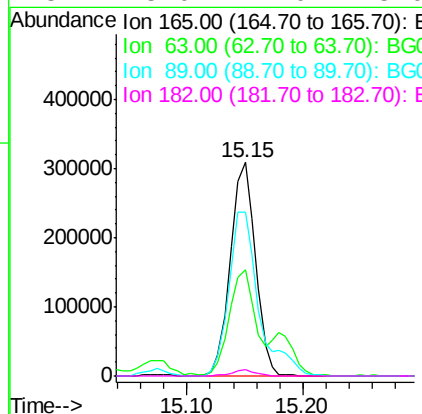
RT: 15.15 min Scan# 2096

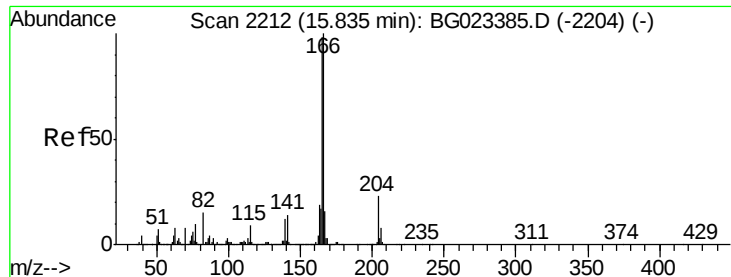
Delta R.T. 0.00 min

Lab File: BG023446.D

Acq: 4 Aug 2016 9:57

Tgt Ion	Ratio	Lower	Upper
165	100		
63	50.0	45.8	68.6
89	76.9	68.6	102.8
182	3.0	2.0	3.0





#57

Fluorene

Concen: 46.59 ng

RT: 15.84 min Scan# 2213

Delta R.T. 0.00 min

Lab File: BG023446.D

Acq: 4 Aug 2016 9:57

Instrument :

BNA_G

ClientSampled :

PB92660BS

Tot Ion:166 Resp: 1280718

Ion Ratio Lower Upper

166 100

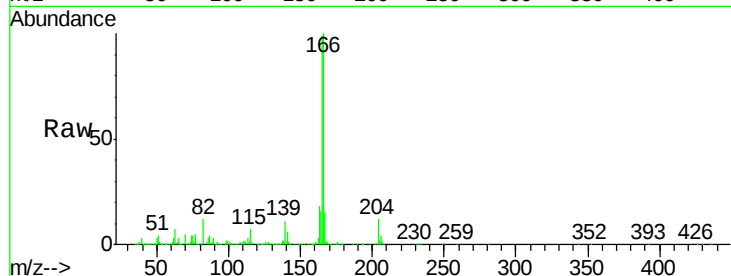
165 98.9 81.0 121.6

167 14.8 12.0 18.0

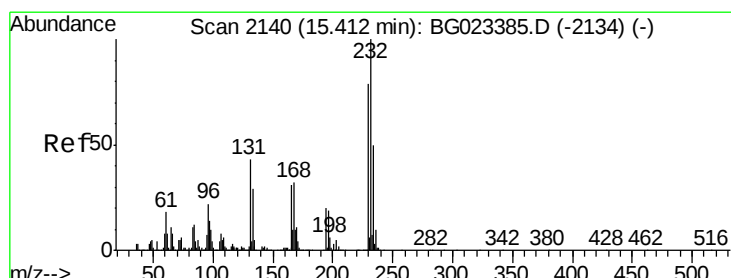
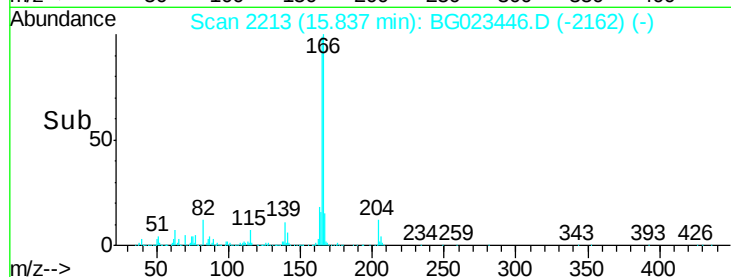
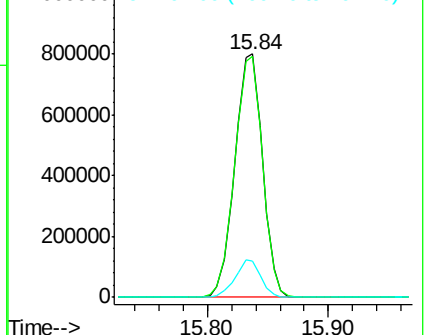
Manual Integrations
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 53.12 ng

RT: 15.41 min Scan# 2140

Delta R.T. -0.00 min

Lab File: BG023446.D

Acq: 4 Aug 2016 9:57

Tgt Ion:232 Resp: 397159

Ion Ratio Lower Upper

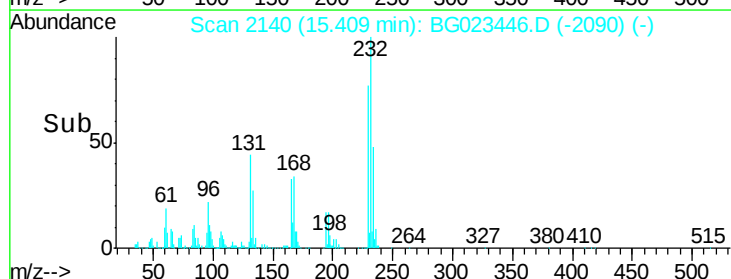
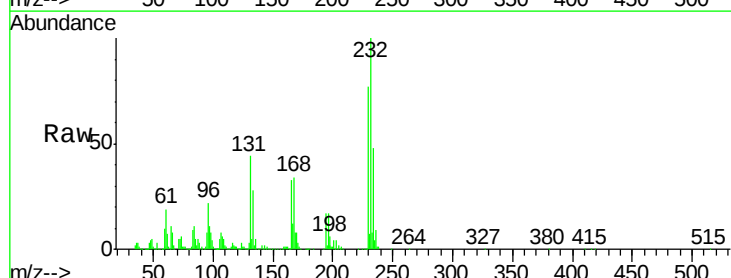
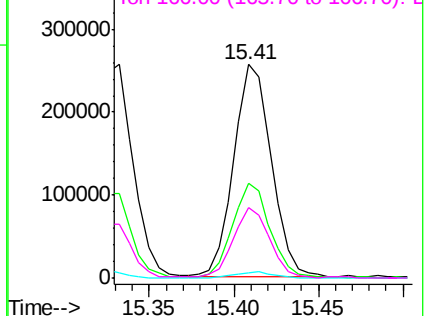
232 100

131 43.9 32.7 49.1

130 2.9 2.6 3.8

166 31.7 23.0 34.6

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





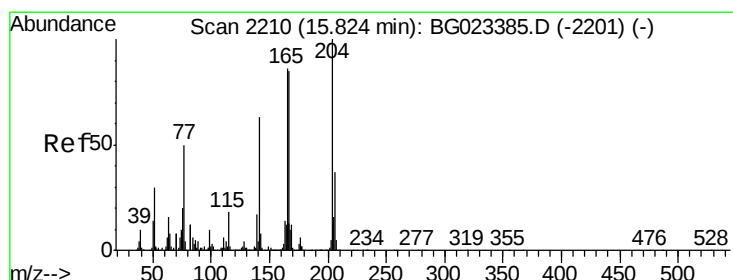
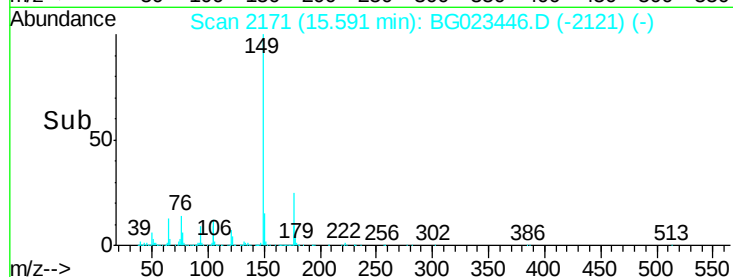
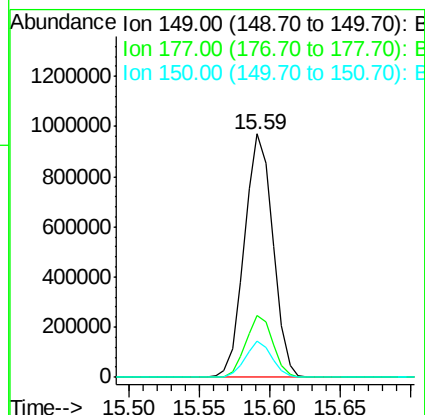
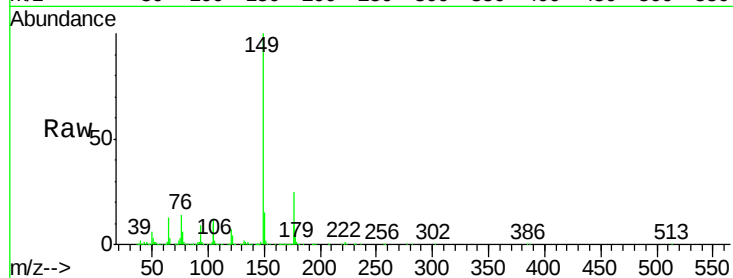
#59
Diethylphthalate
Concen: 48.10 ng
RT: 15.59 min Scan# 2171
Delta R.T. -0.00 min
Lab File: BG023446.D
Acq: 4 Aug 2016 9:57

Instrument :
BNA_G
ClientSampleId :
PB92660BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	25.5	19.2	28.8
150	15.0	10.6	16.0

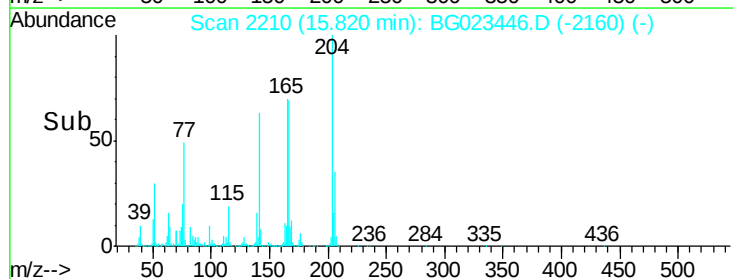
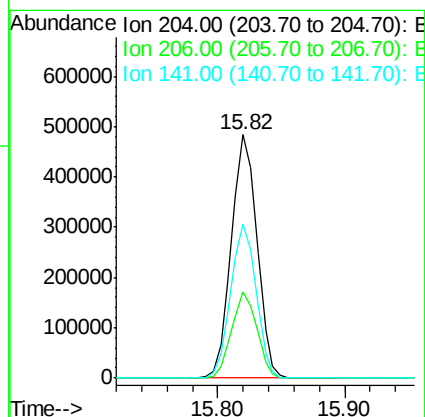
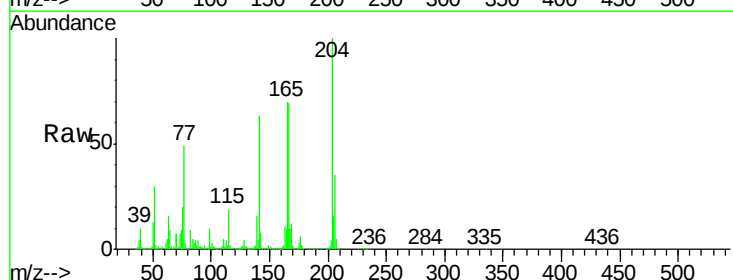
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#60
4-Chlorophenyl-phenylether
Concen: 46.34 ng
RT: 15.82 min Scan# 2210
Delta R.T. -0.00 min
Lab File: BG023446.D
Acq: 4 Aug 2016 9:57

Tgt Ion	Ratio	Lower	Upper
204	100		
206	35.3	28.5	42.7
141	63.5	51.4	77.0





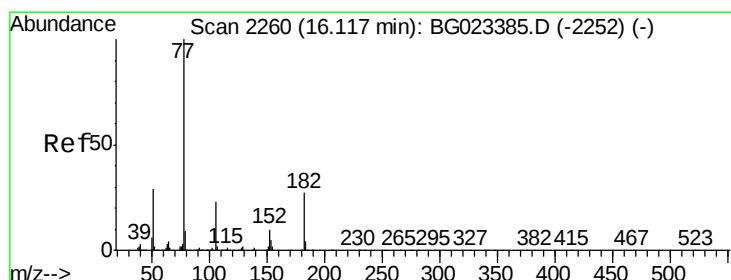
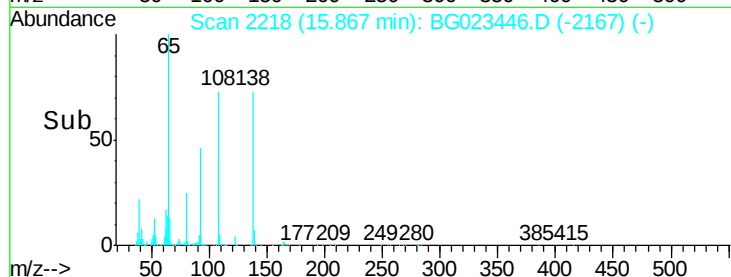
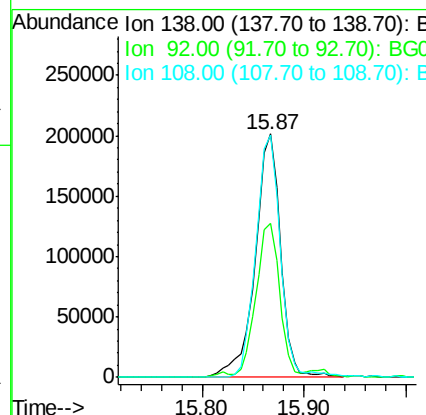
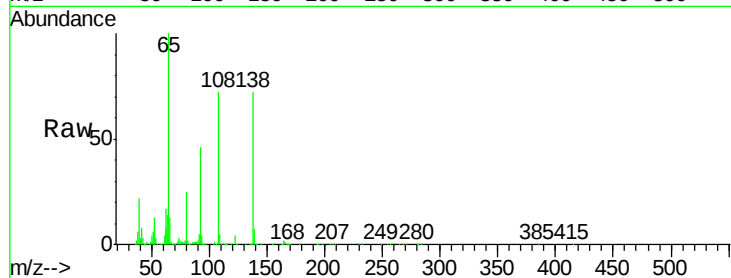
#61
4-Nitroaniline
Concen: 43.88 ng
RT: 15.87 min Scan# 2218
Delta R.T. 0.00 min
Lab File: BG023446.D
Acq: 4 Aug 2016 9:57

Instrument :
BNA_G
ClientSampleId :
PB92660BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	63.5	54.1	94.1
108	99.4	133.9	173.9#

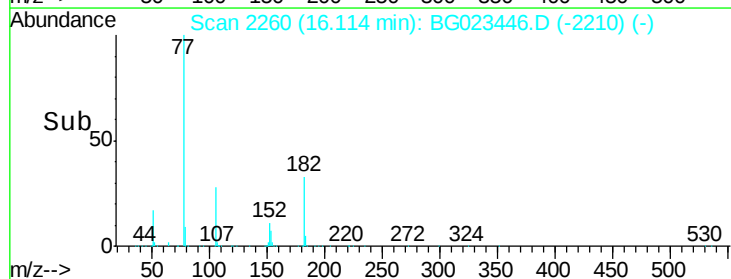
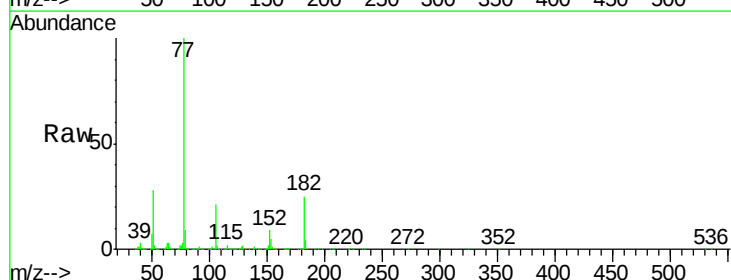
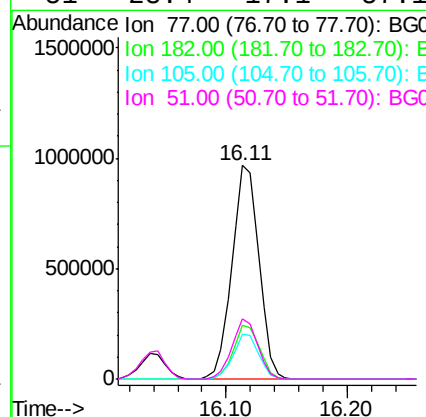
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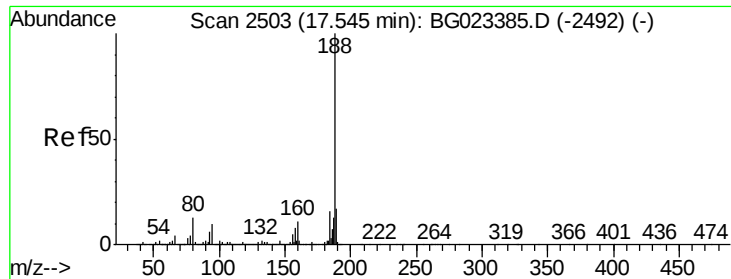
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#62
Azobenzene
Concen: 51.90 ng
RT: 16.11 min Scan# 2260
Delta R.T. -0.00 min
Lab File: BG023446.D
Acq: 4 Aug 2016 9:57

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.0	3.5	43.5
105	21.2	0.0	38.5
51	28.4	17.1	57.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.55 min Scan# 2504

Delta R.T. 0.00 min

Lab File: BG023446.D

Acq: 4 Aug 2016 9:57

Instrument :

BNA_G

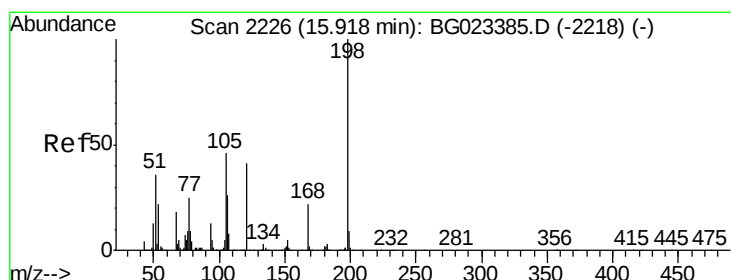
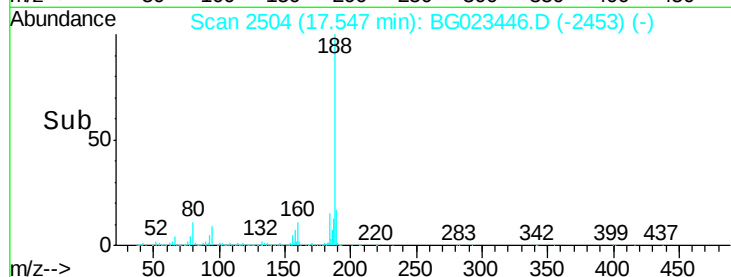
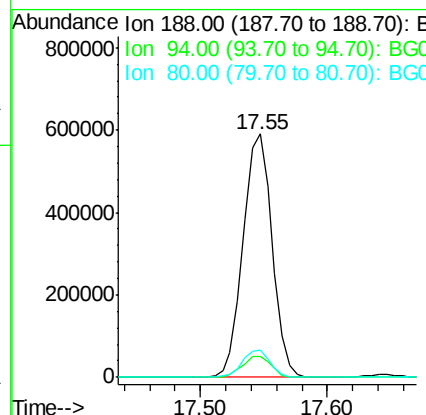
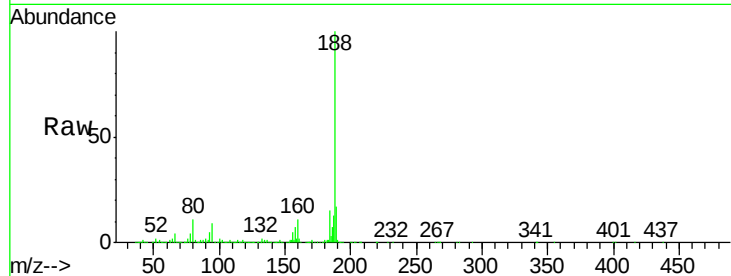
ClientSampleId :

PB92660BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	937221		
94	8.7	5.2	7.8#	
80	11.2	7.2	10.8#	

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#64

4,6-Dinitro-2-methylphenol

Concen: 46.18 ng

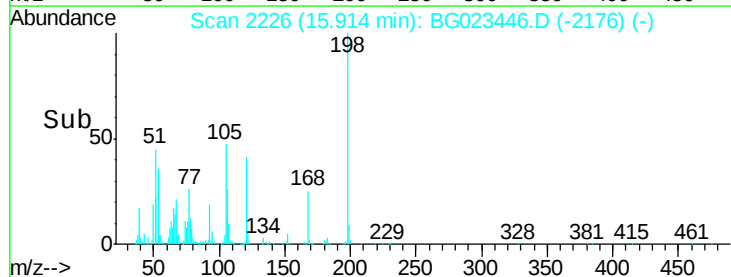
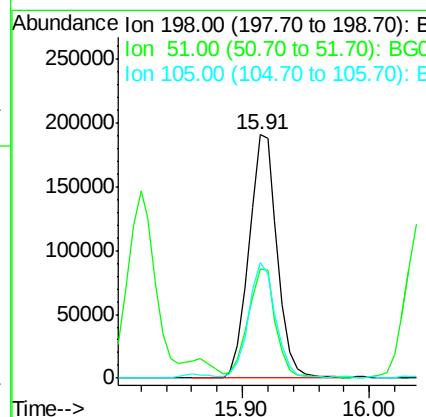
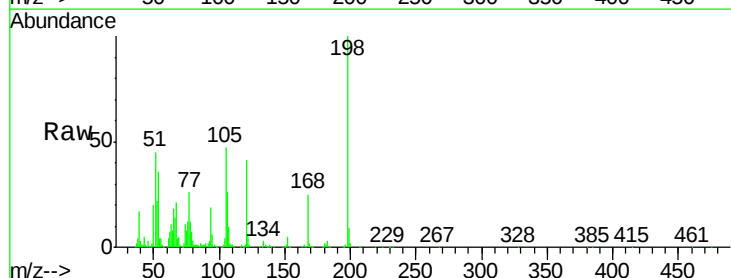
RT: 15.91 min Scan# 2226

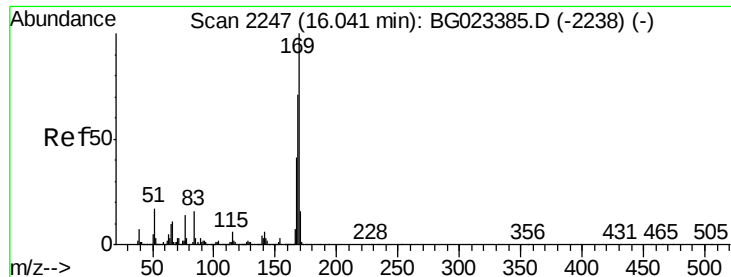
Delta R.T. -0.00 min

Lab File: BG023446.D

Acq: 4 Aug 2016 9:57

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	294248		
51	45.0	26.0	66.0	
105	47.3	20.1	60.1	





#65

n-Nitrosodiphenylamine

Concen: 43.58 ng

RT: 16.04 min Scan# 2248

Delta R.T. 0.00 min

Lab File: BG023446.D

Acq: 4 Aug 2016 9:57

Instrument :

BNA_G

ClientSampled :

PB92660BS

Tot Ion:169 Resp: 1198105

Ion Ratio Lower Upper

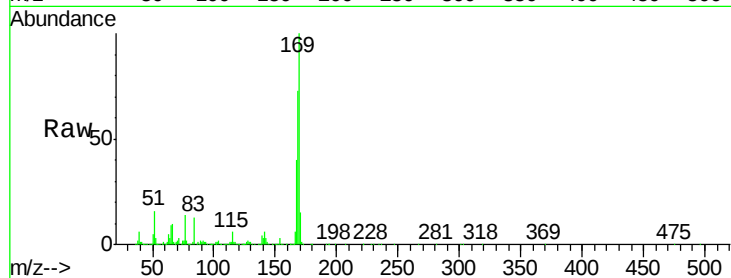
169 100

168 73.2 55.0 82.4

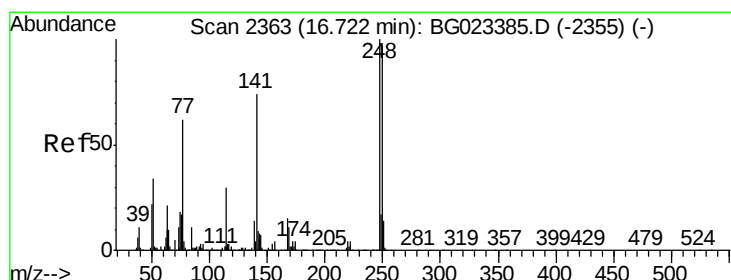
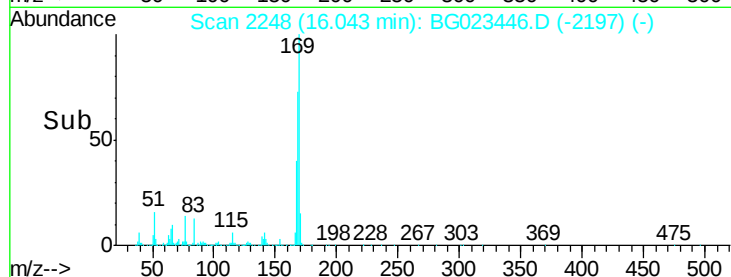
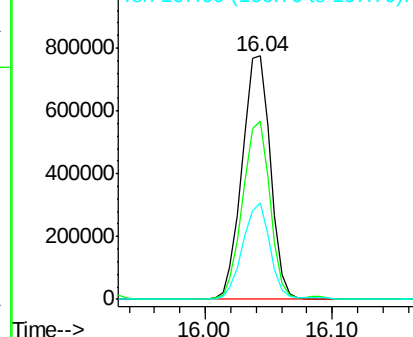
167 39.7 27.4 41.0

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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: 44.09 ng

RT: 16.72 min Scan# 2363

Delta R.T. -0.00 min

Lab File: BG023446.D

Acq: 4 Aug 2016 9:57

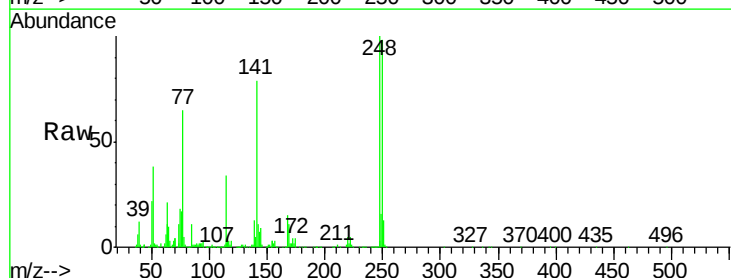
Tgt Ion:248 Resp: 481647

Ion Ratio Lower Upper

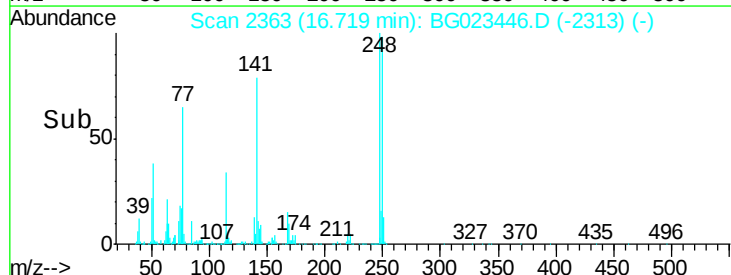
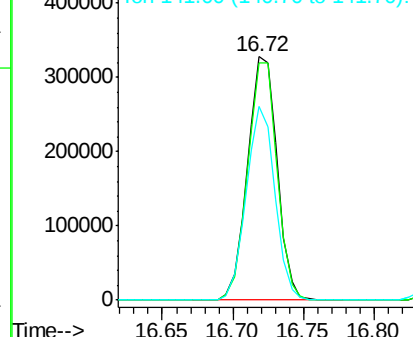
248 100

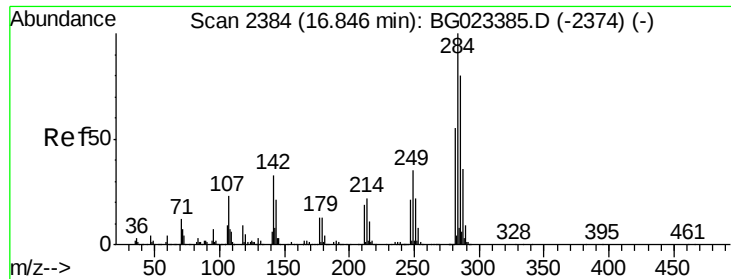
250 97.7 77.8 116.8

141 79.4 65.7 98.5



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





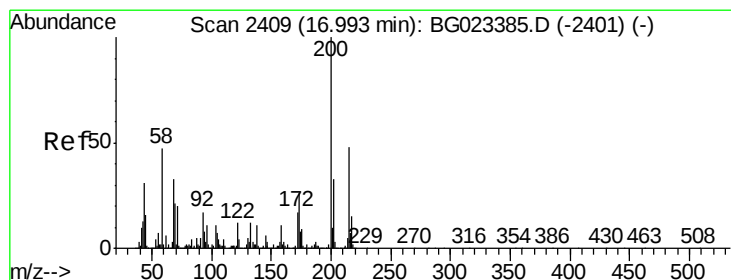
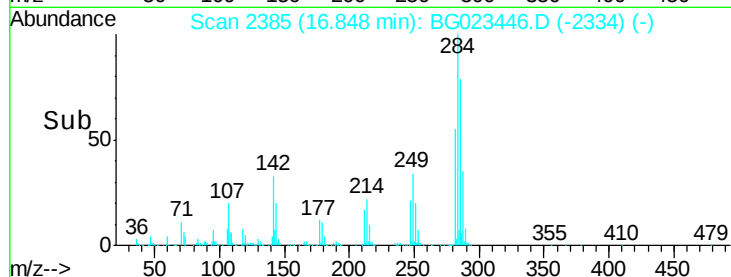
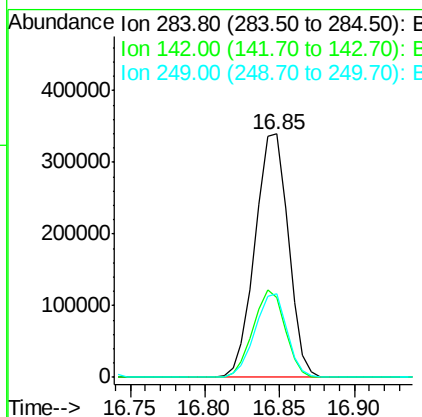
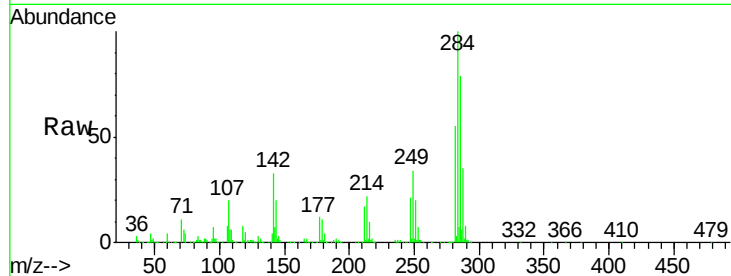
#67
Hexachlorobenzene
Concen: 43.79 ng
RT: 16.85 min Scan# 2385
Delta R.T. 0.00 min
Lab File: BG023446.D
Acq: 4 Aug 2016 9:57

Instrument :
BNA_G
ClientSampleId :
PB92660BS

Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	32.7	26.8	40.2
249	34.3	28.9	43.3

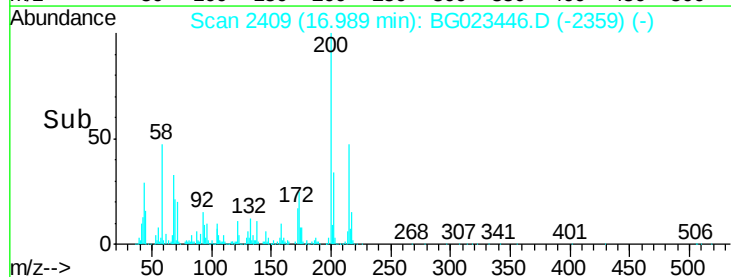
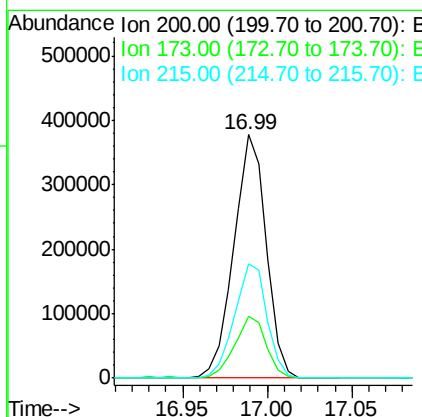
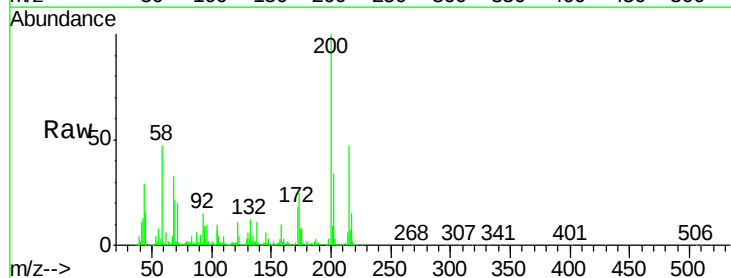
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#68
Atrazine
Concen: 47.65 ng
RT: 16.99 min Scan# 2409
Delta R.T. -0.00 min
Lab File: BG023446.D
Acq: 4 Aug 2016 9:57

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	25.2	1.6	41.6
215	46.7	28.7	68.7





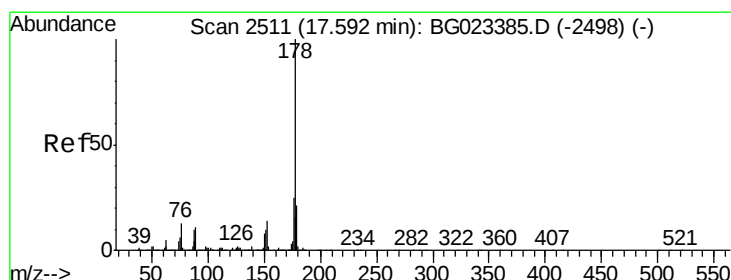
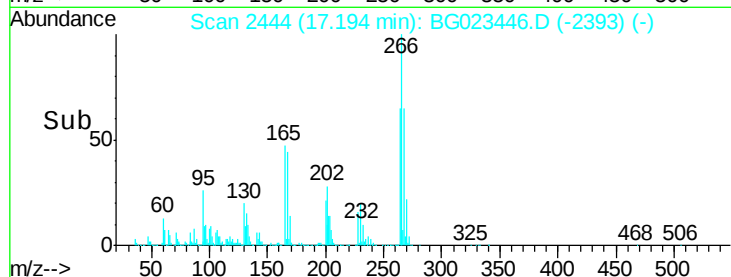
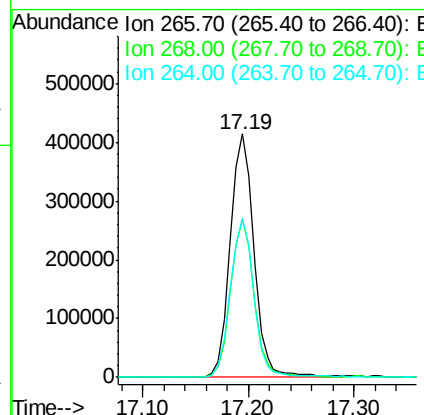
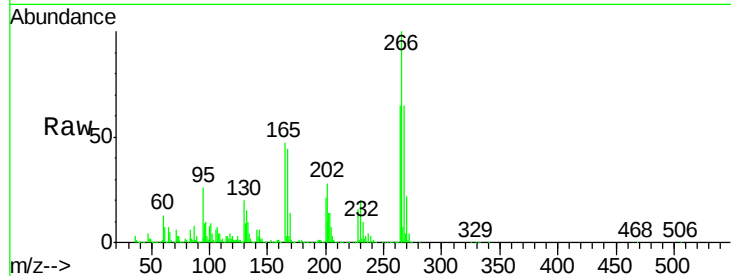
#69
 Pentachlorophenol
 Concen: 92.56 ng
 RT: 17.19 min Scan# 2444
 Delta R.T. 0.00 min
 Lab File: BG023446.D
 Acq: 4 Aug 2016 9:57

Instrument :
 BNA_G
 ClientSampled :
 PB92660BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.7	51.9	77.9
264	65.2	50.6	75.8

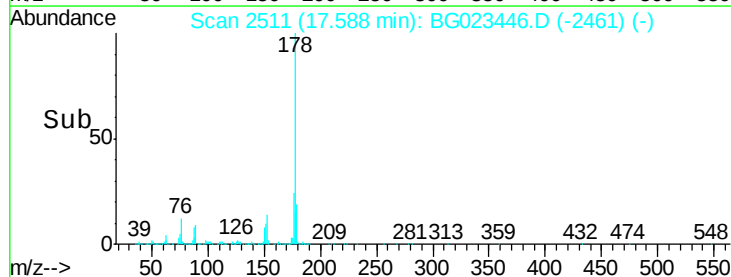
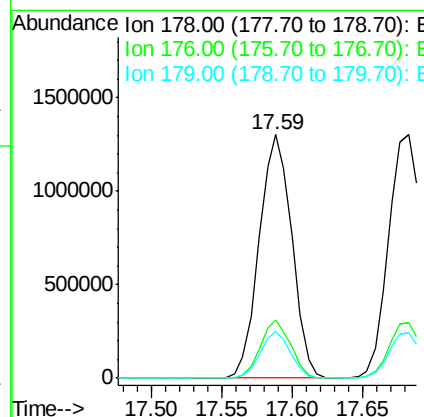
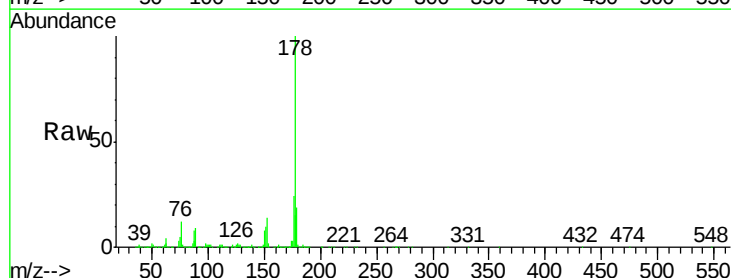
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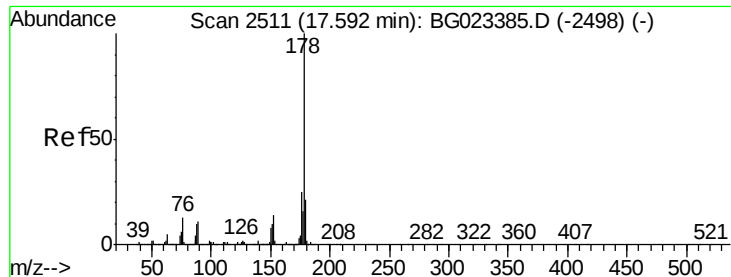
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#70
 Phenanthrene
 Concen: 44.43 ng
 RT: 17.59 min Scan# 2511
 Delta R.T. -0.00 min
 Lab File: BG023446.D
 Acq: 4 Aug 2016 9:57

Tgt Ion	Ratio	Lower	Upper
178	100		
176	23.7	16.8	25.2
179	19.1	14.3	21.5





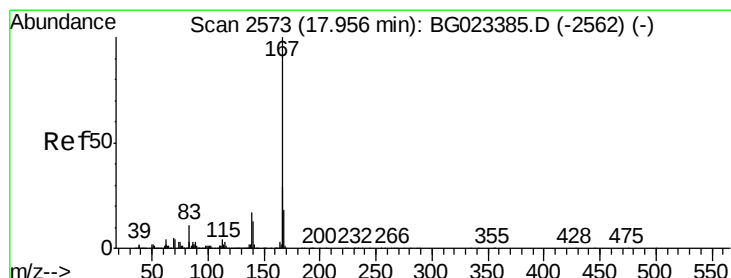
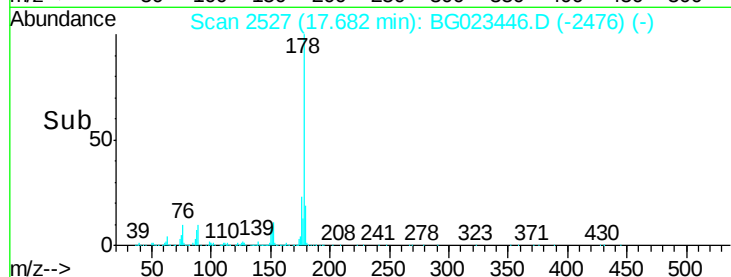
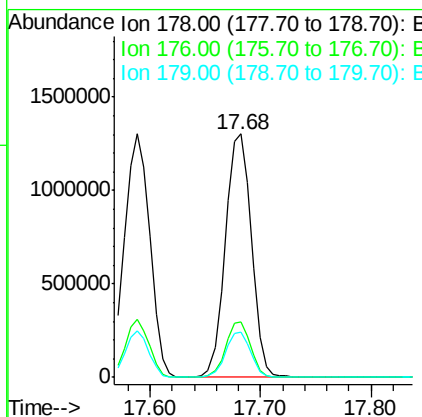
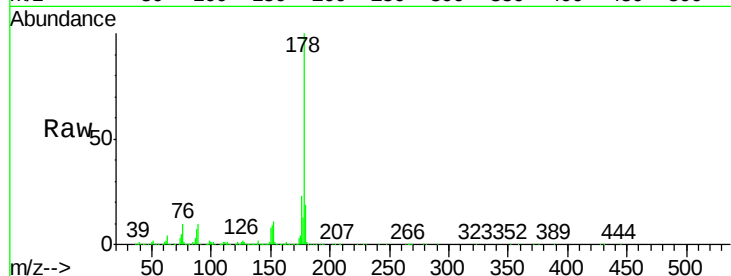
#71
 Anthracene
 Concen: 45.15 ng
 RT: 17.68 min Scan# 2527
 Delta R.T. 0.00 min
 Lab File: BG023446.D
 Acq: 4 Aug 2016 9:57

Instrument :
 BNA_G
 ClientSampleId :
 PB92660BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	22.9	17.3	25.9
179	18.6	14.0	21.0

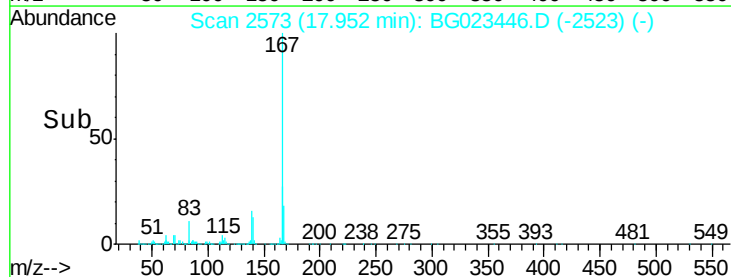
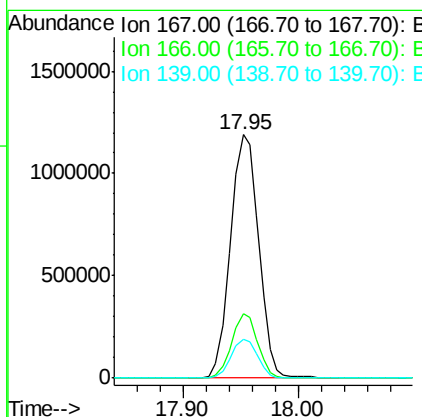
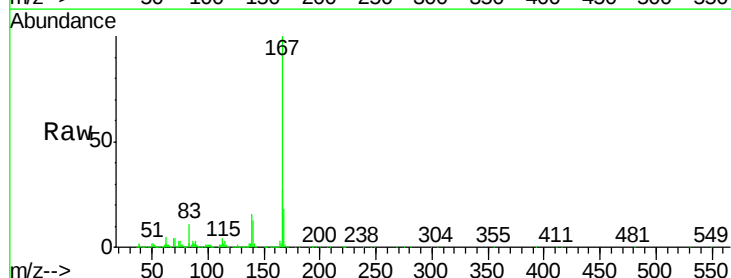
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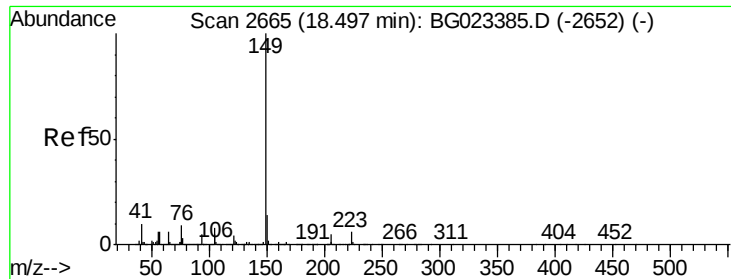
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#72
 Carbazole
 Concen: 47.91 ng
 RT: 17.95 min Scan# 2573
 Delta R.T. -0.00 min
 Lab File: BG023446.D
 Acq: 4 Aug 2016 9:57

Tgt Ion	Ratio	Lower	Upper
167	100		
166	26.5	20.7	31.1
139	15.7	11.9	17.9





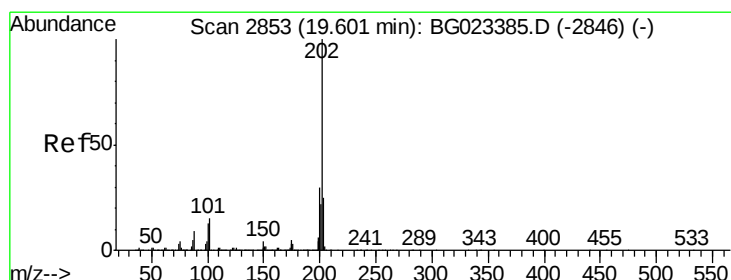
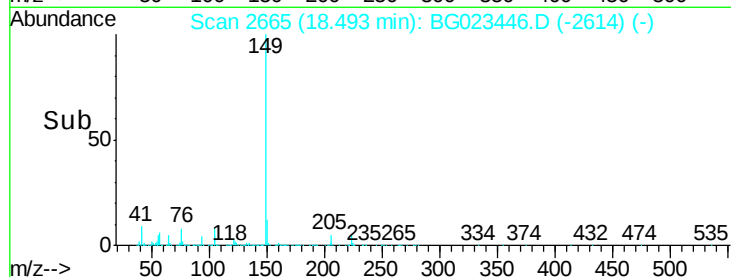
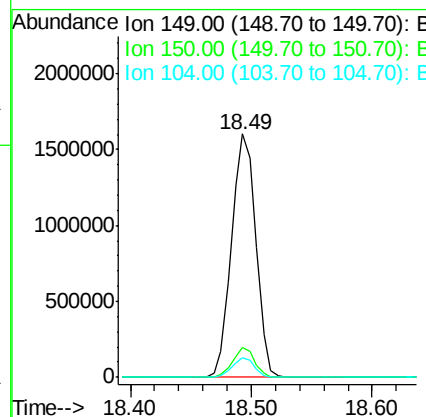
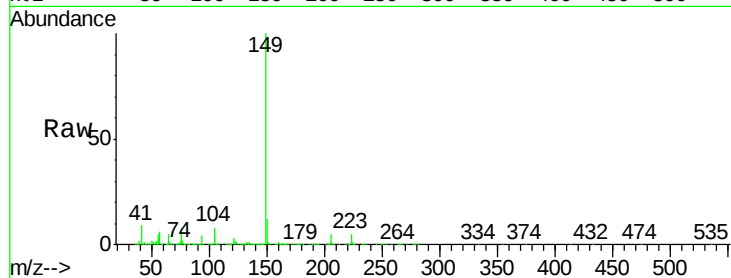
#73
Di-n-butylphthalate
Concen: 54.02 ng
RT: 18.49 min Scan# 2665
Delta R.T. -0.00 min
Lab File: BG023446.D
Acq: 4 Aug 2016 9:57

Instrument :
BNA_G
ClientSampleId :
PB92660BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	12.3	9.1	13.7
104	8.2	6.9	10.3

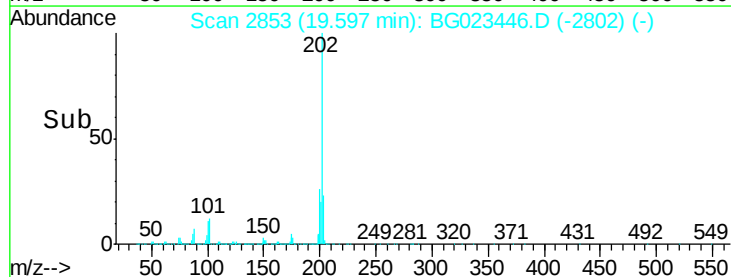
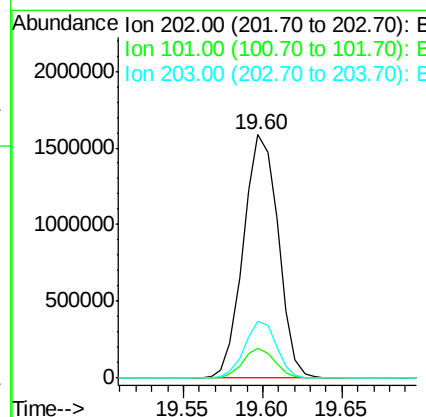
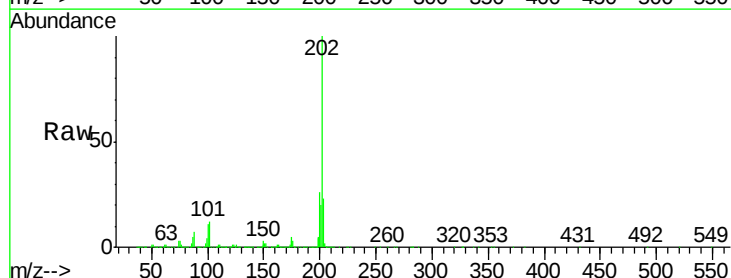
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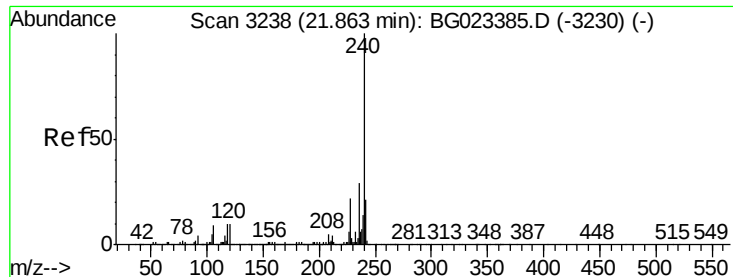
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#74
Fluoranthene
Concen: 56.29 ng
RT: 19.60 min Scan# 2853
Delta R.T. -0.00 min
Lab File: BG023446.D
Acq: 4 Aug 2016 9:57

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	27.4
203	23.1	1.7	41.7





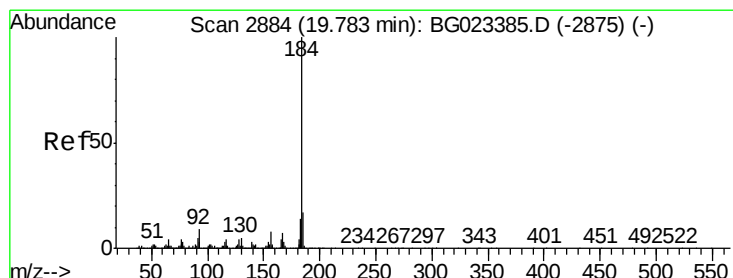
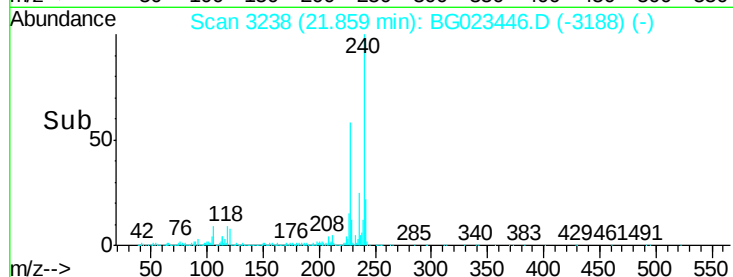
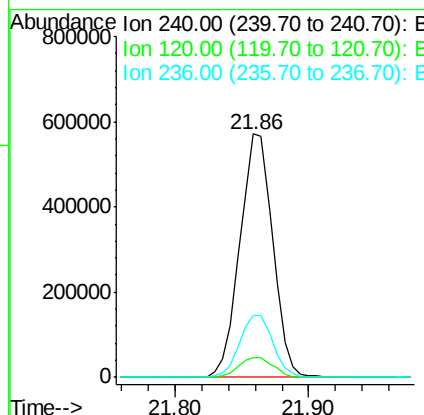
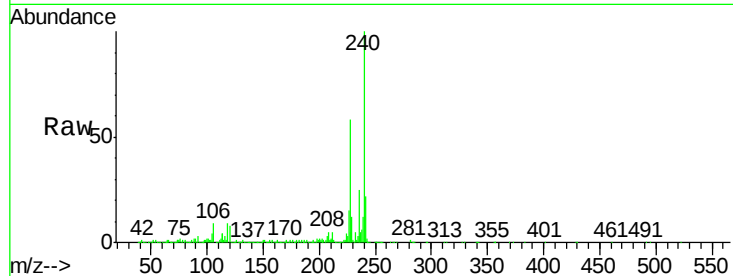
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.86 min Scan# 3238
Delta R.T. -0.00 min
Lab File: BG023446.D
Acq: 4 Aug 2016 9:57

Instrument :
BNA_G
ClientSampleId :
PB92660BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.2	4.1	6.1#
236	25.5	21.1	31.7

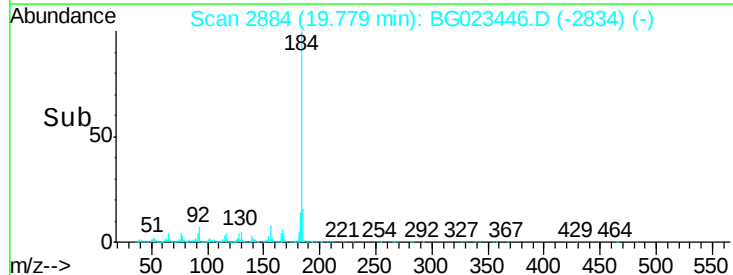
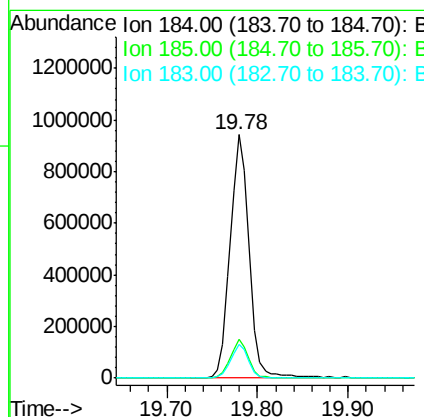
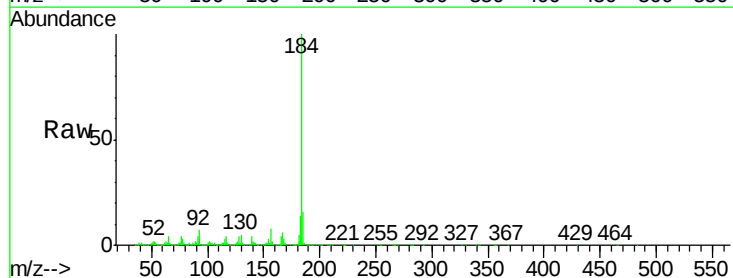
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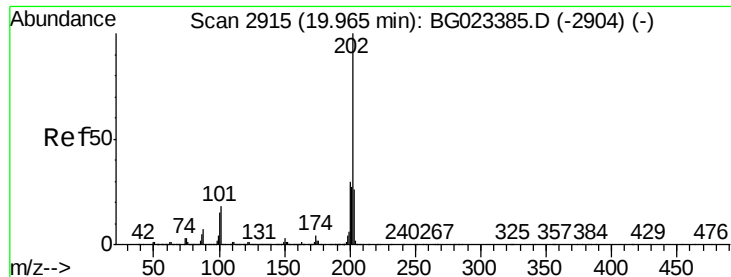
sohil
8/4/2016 6:08:45 PM



#76
Benzidine
Concen: 51.23 ng
RT: 19.78 min Scan# 2884
Delta R.T. -0.00 min
Lab File: BG023446.D
Acq: 4 Aug 2016 9:57

Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.0	12.6	19.0
183	14.0	10.7	16.1





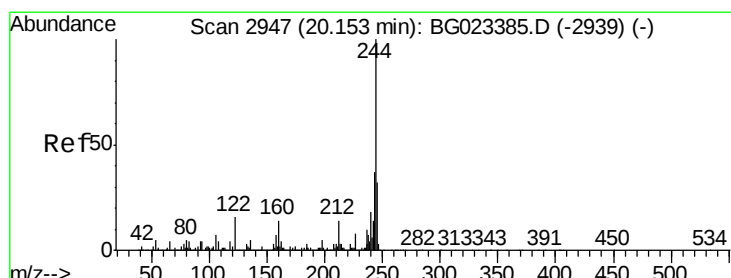
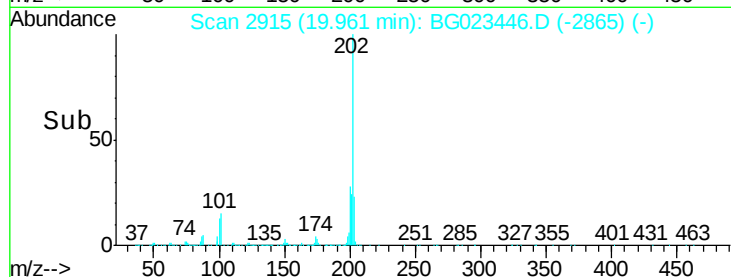
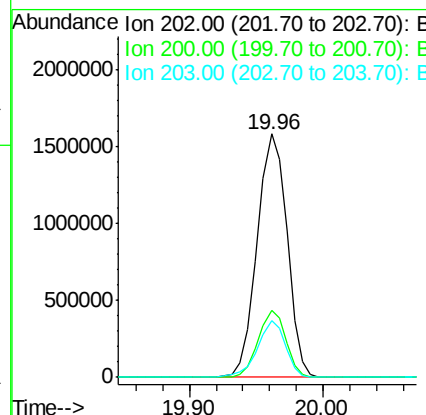
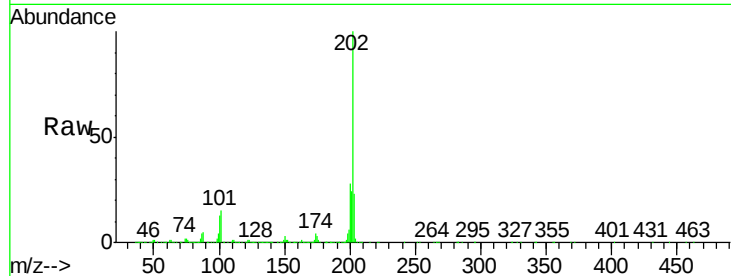
#77
Pvrene
Concen: 44.37 ng
RT: 19.96 min Scan# 2915
Delta R.T. -0.00 min
Lab File: BG023446.D
Acq: 4 Aug 2016 9:57

Instrument :
BNA_G
ClientSampleId :
PB92660BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	27.8	21.2	31.8
203	23.3	16.8	25.2

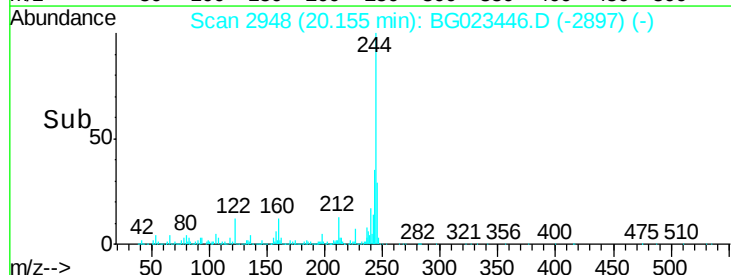
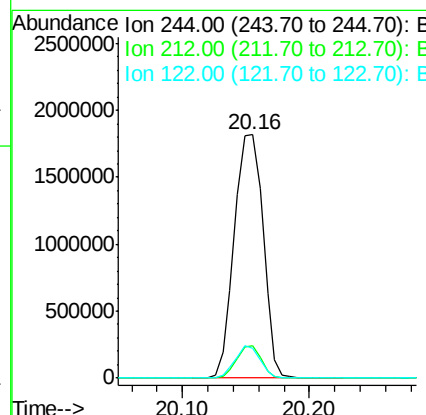
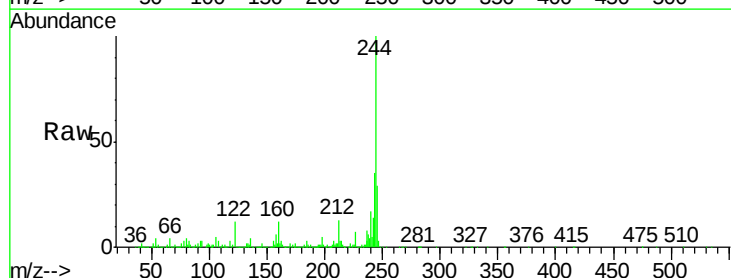
Manual Integrations
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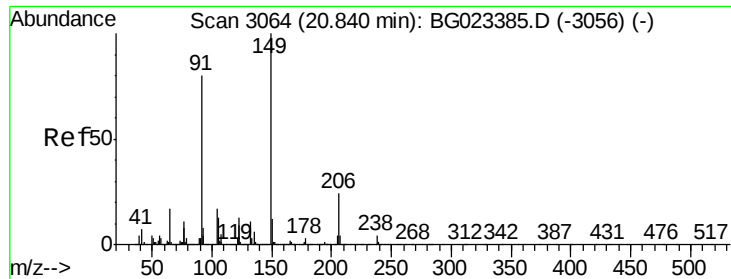
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#78
Terphenyl-d14
Concen: 94.63 ng
RT: 20.16 min Scan# 2948
Delta R.T. 0.00 min
Lab File: BG023446.D
Acq: 4 Aug 2016 9:57

Tgt Ion	Ratio	Lower	Upper
244	100		
212	13.2	10.8	16.2
122	12.0	8.0	12.0





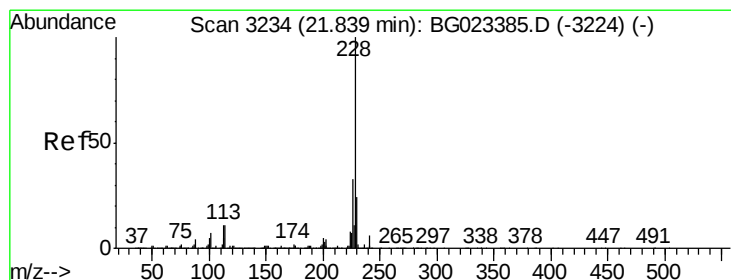
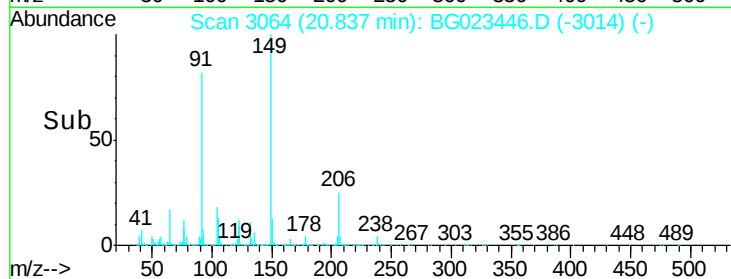
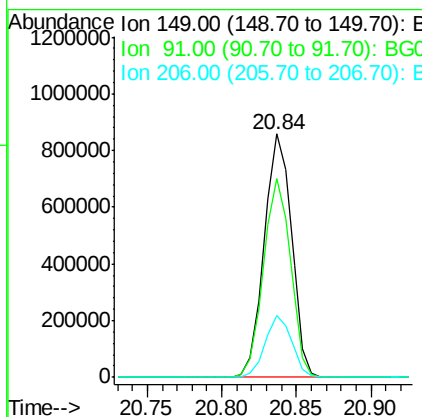
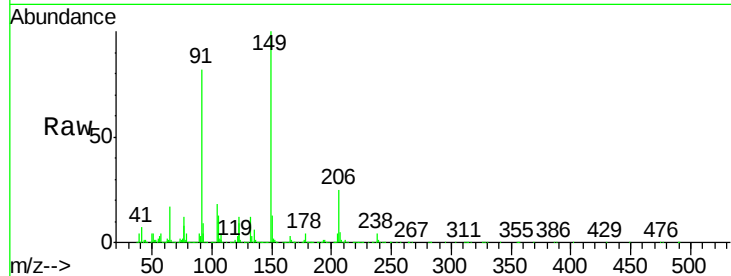
#79
Butylbenzylphthalate
Concen: 46.49 ng
RT: 20.84 min Scan# 3064
Delta R.T. -0.00 min
Lab File: BG023446.D
Acq: 4 Aug 2016 9:57

Instrument :
BNA_G
ClientSampled :
PB92660BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	81.8	68.1	102.1
206	25.4	19.8	29.6

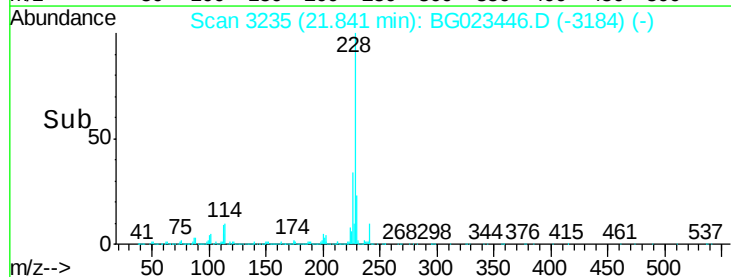
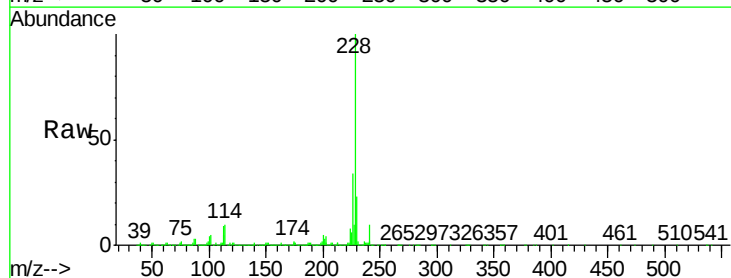
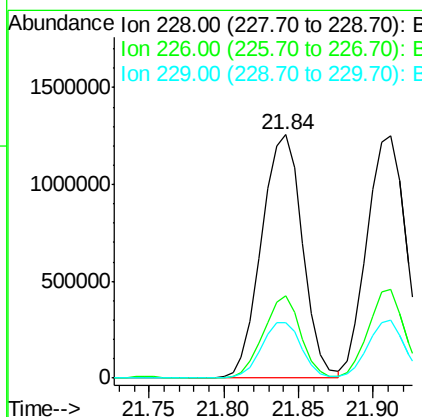
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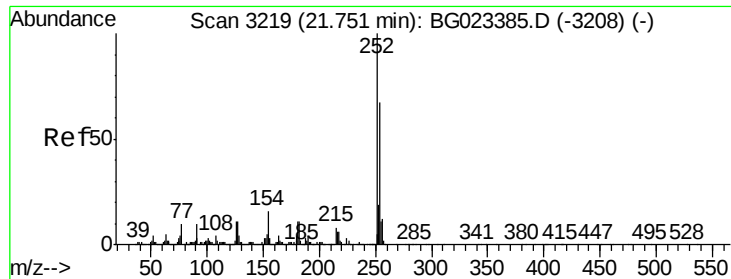
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#80
Benzo(a)anthracene
Concen: 44.73 ng
RT: 21.84 min Scan# 3235
Delta R.T. 0.00 min
Lab File: BG023446.D
Acq: 4 Aug 2016 9:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.6	25.3	37.9
229	23.0	19.9	29.9





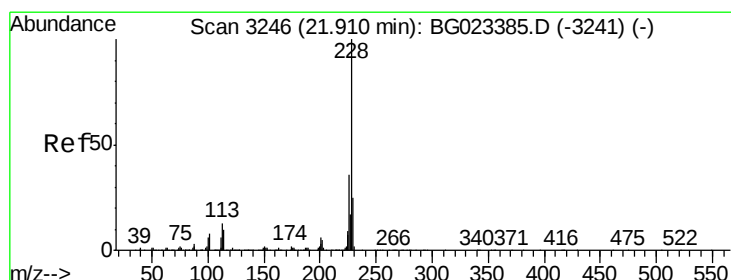
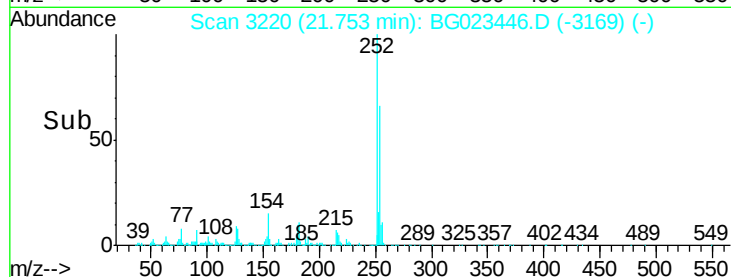
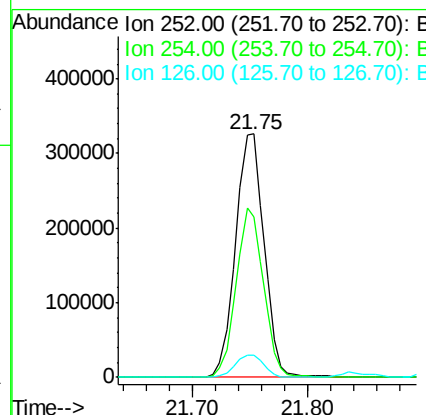
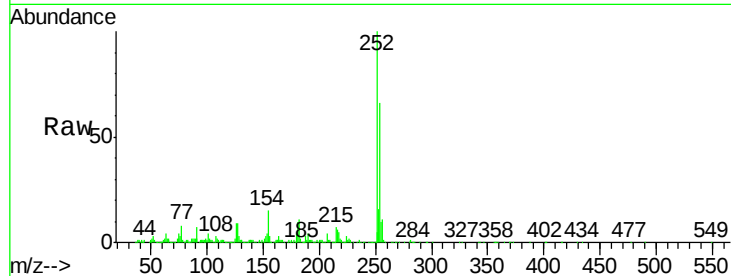
#81
 3,3'-Dichlorobenzidine
 Concen: 25.43 ng
 RT: 21.75 min Scan# 3220
 Delta R.T. 0.00 min
 Lab File: BG023446.D
 Acq: 4 Aug 2016 9:57

Instrument :
 BNA_G
 ClientSampleId :
 PB92660BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.6	51.2	76.8
126	8.9	5.3	7.9

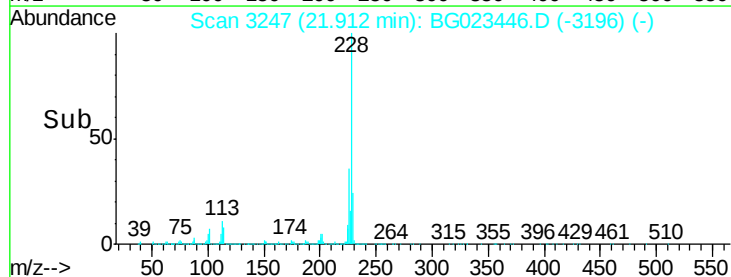
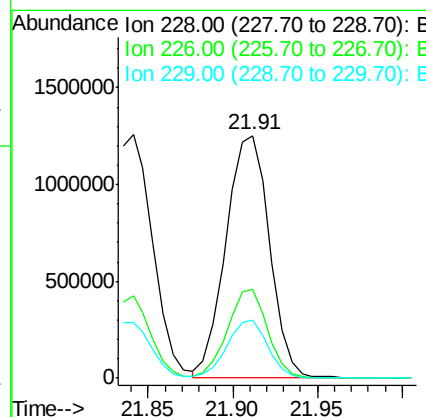
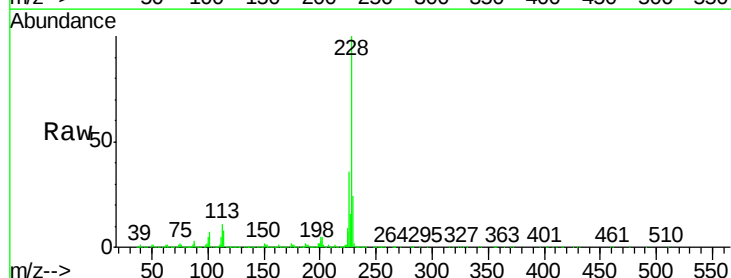
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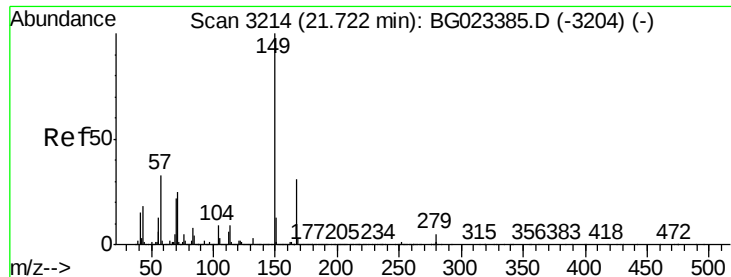
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#82
 Chrysene
 Concen: 43.91 ng
 RT: 21.91 min Scan# 3247
 Delta R.T. 0.00 min
 Lab File: BG023446.D
 Acq: 4 Aug 2016 9:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	36.5	26.7	40.1
229	24.1	17.4	26.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.73 ng

RT: 21.72 min Scan# 3214

Delta R.T. -0.00 min

Lab File: BG023446.D

Acq: 4 Aug 2016 9:57

Instrument :

BNA_G

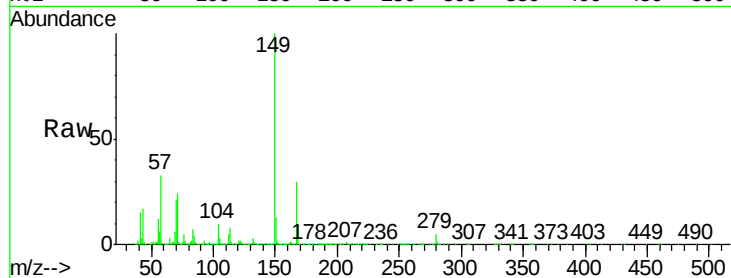
ClientSampled :

PB92660BS

Tot Ion:	149	Resp:	1463331
Ion	Ratio	Lower	Upper
149	100		
167	30.1	24.0	36.0
279	5.4	4.8	7.2

Manual Integrations
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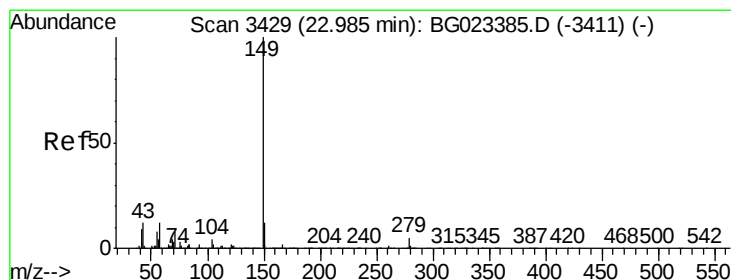
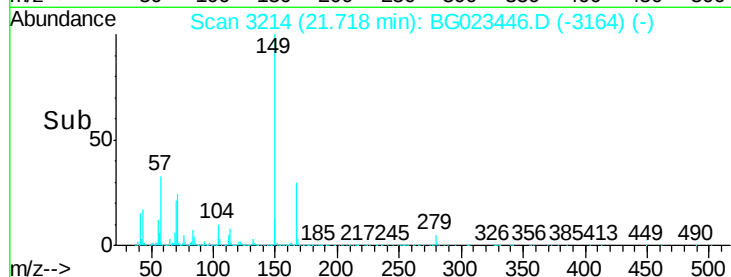
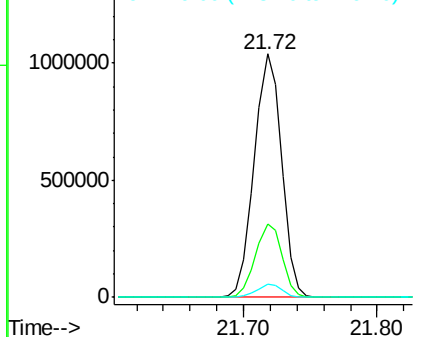
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 44.26 ng

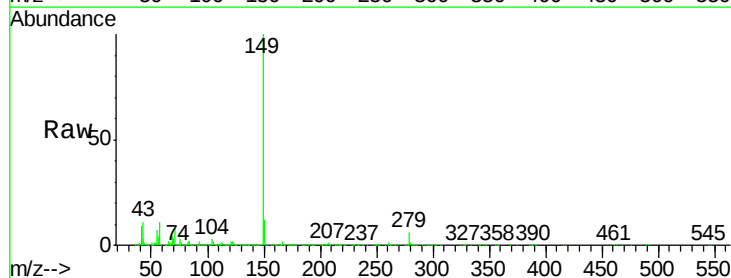
RT: 22.98 min Scan# 3429

Delta R.T. -0.00 min

Lab File: BG023446.D

Acq: 4 Aug 2016 9:57

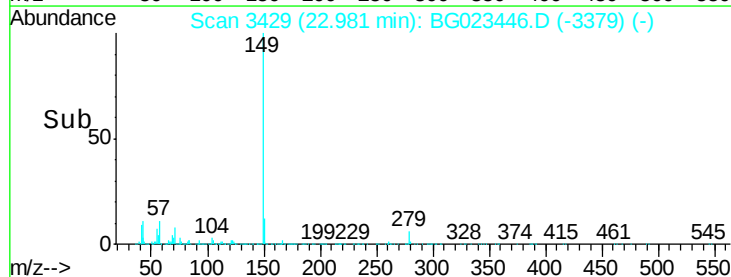
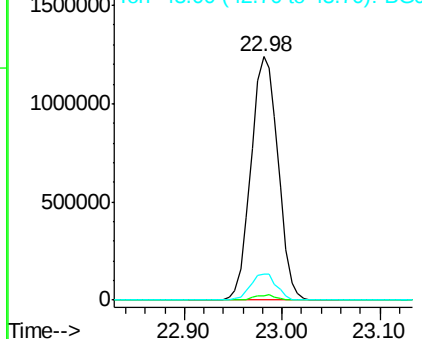
Tgt Ion:	149	Resp:	2417191
Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.5	2.3
43	10.2	8.8	13.2

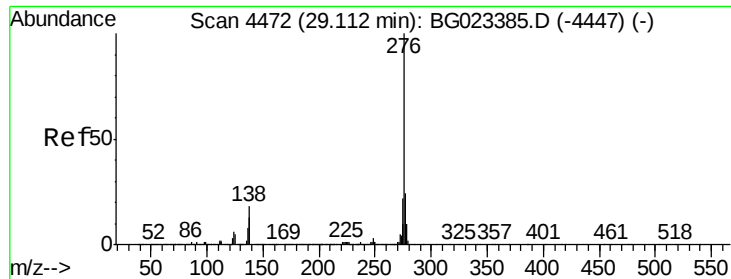


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG0





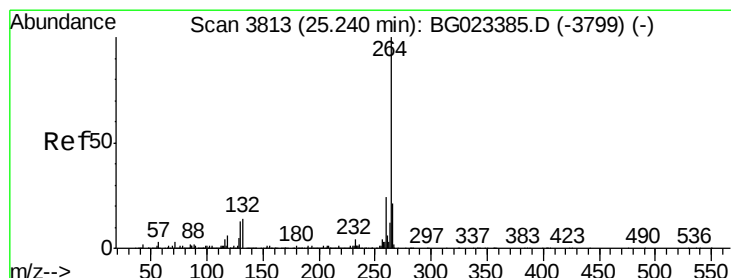
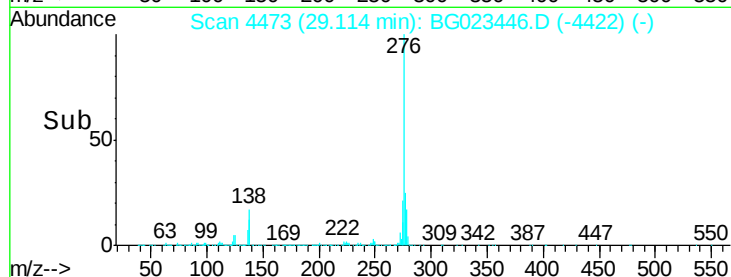
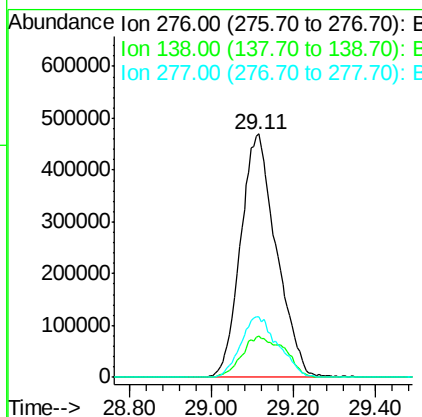
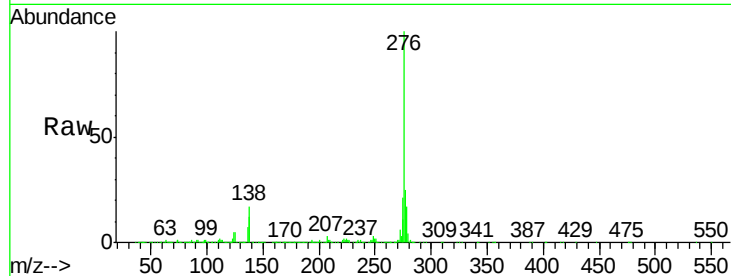
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.80 ng
 RT: 29.11 min Scan# 4473
 Delta R.T. 0.00 min
 Lab File: BG023446.D
 Acq: 4 Aug 2016 9:57

Instrument :
 BNA_G
 ClientSampleId :
 PB92660BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.0	0.0	0.0#
277	26.0	0.0	0.0#

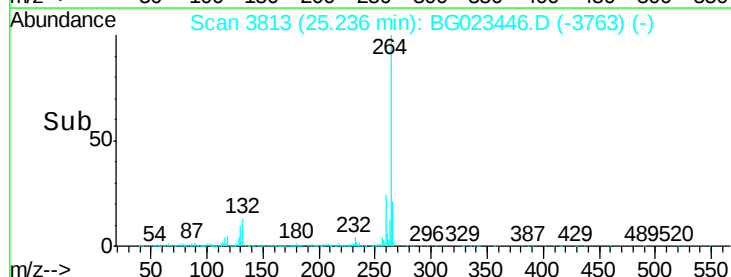
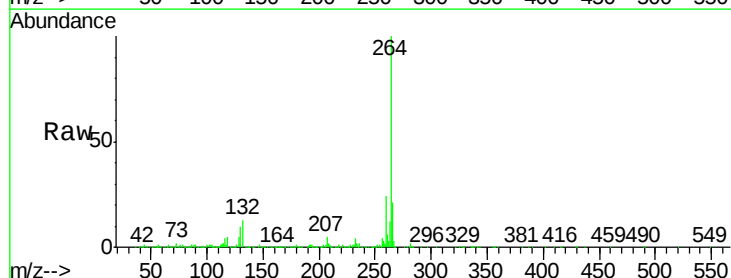
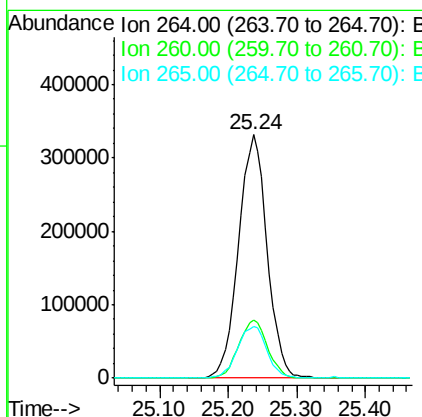
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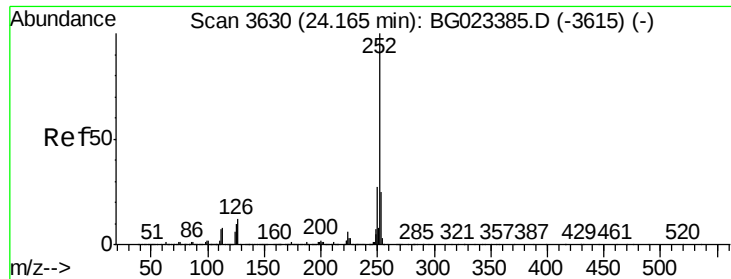
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.24 min Scan# 3813
 Delta R.T. -0.00 min
 Lab File: BG023446.D
 Acq: 4 Aug 2016 9:57

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.4	27.6
265	21.3	18.9	28.3





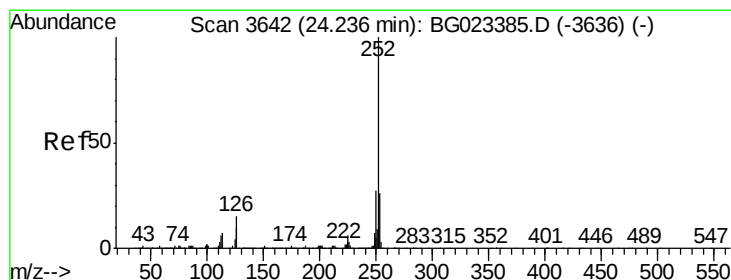
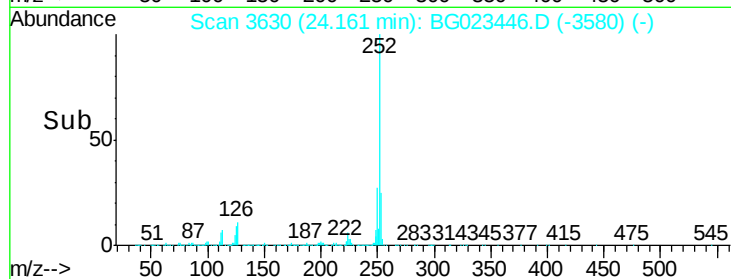
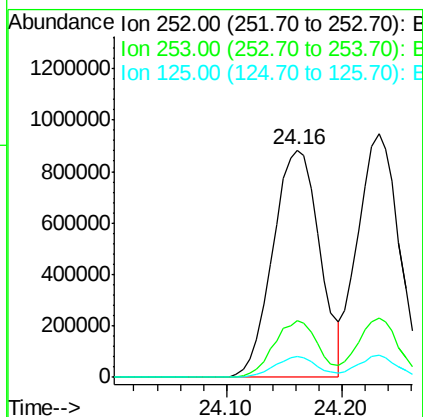
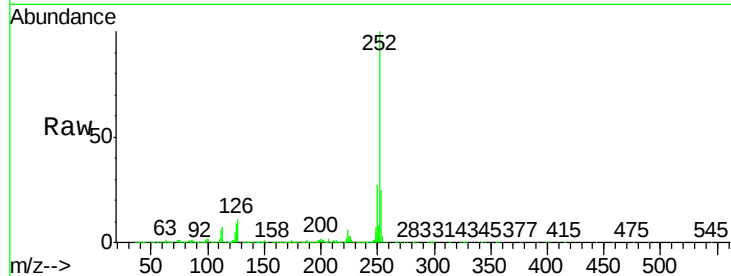
#87
Benzo(b)fluoranthene
Concen: 46.31 ng
RT: 24.16 min Scan# 3630
Delta R.T. -0.00 min
Lab File: BG023446.D
Acq: 4 Aug 2016 9:57

Instrument :
BNA_G
ClientSampleId :
PB92660BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.9	28.3
125	9.1	3.9	5.9#

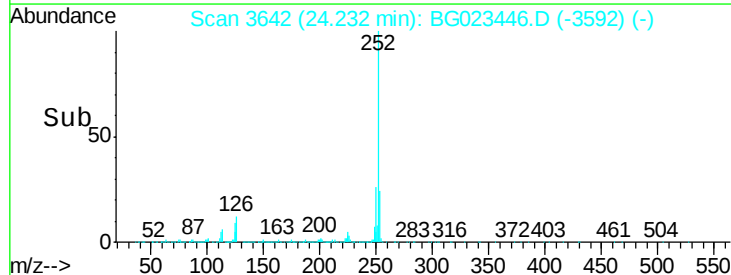
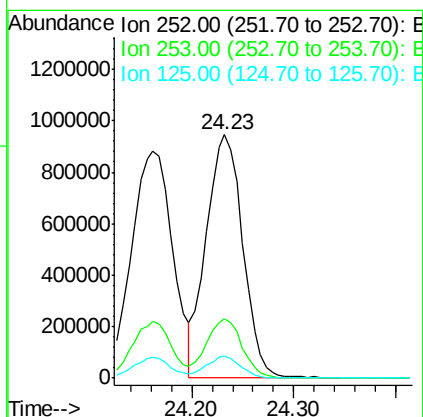
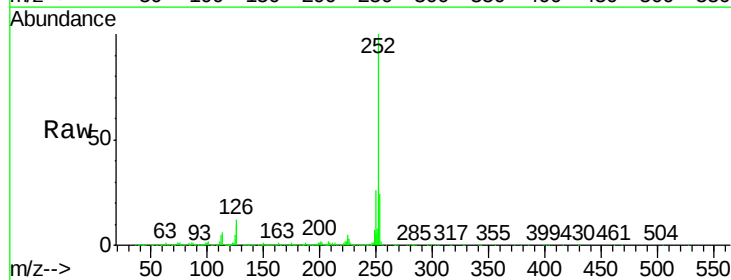
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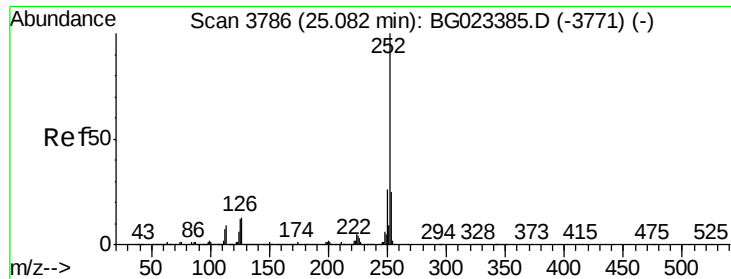
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#88
Benzo(k)fluoranthene
Concen: 45.37 ng
RT: 24.23 min Scan# 3642
Delta R.T. -0.00 min
Lab File: BG023446.D
Acq: 4 Aug 2016 9:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.8	28.2
125	9.1	3.2	4.8#





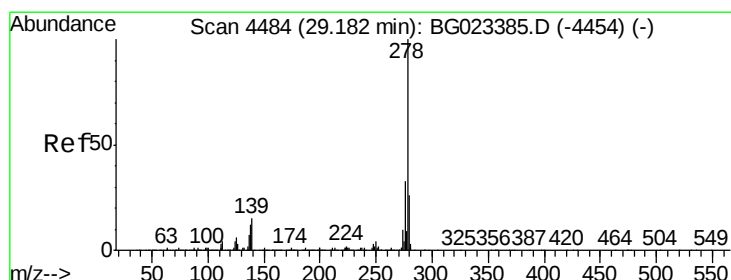
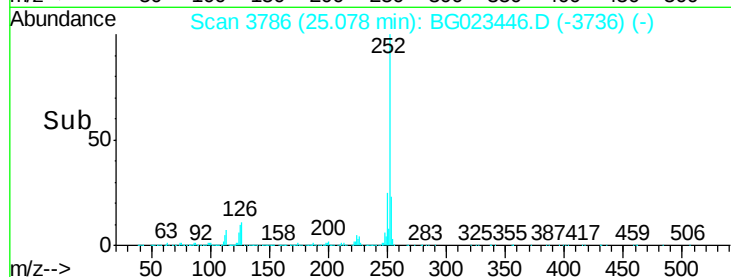
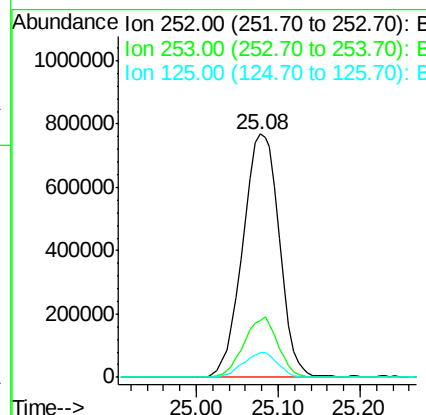
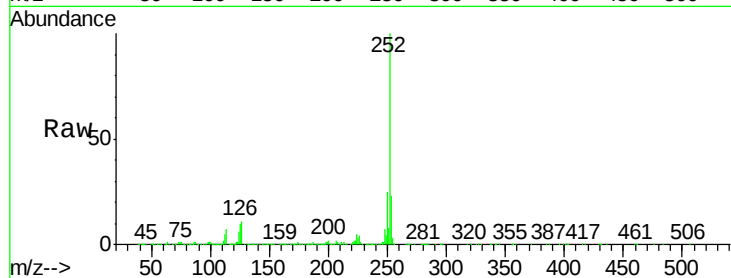
#89
Benzo(a)pyrene
Concen: 46.48 ng
RT: 25.08 min Scan# 3786
Delta R.T. -0.00 min
Lab File: BG023446.D
Acq: 4 Aug 2016 9:57

Instrument :
BNA_G
ClientSampleId :
PB92660BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.7	28.1
125	10.2	3.9	5.9

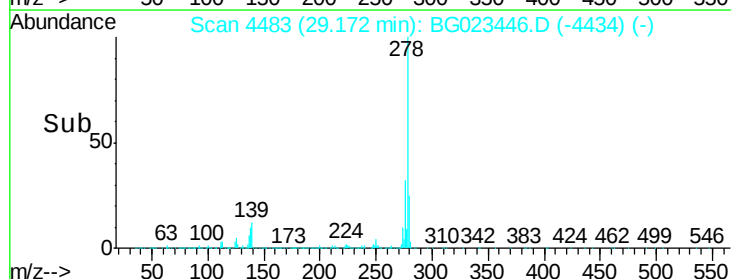
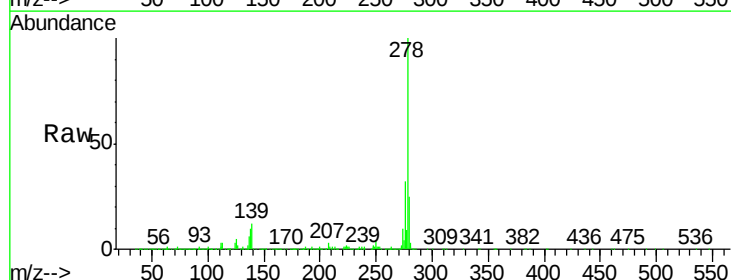
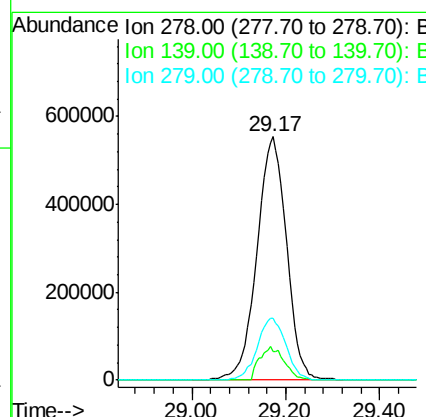
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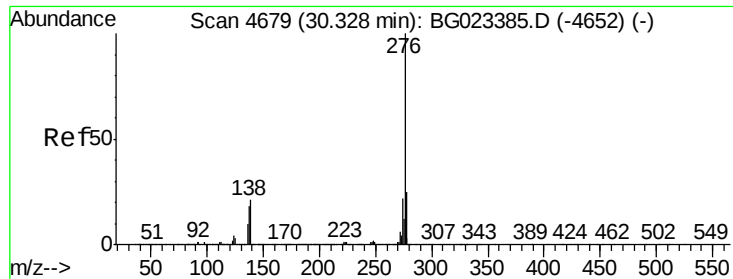
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#90
Dibenzo(a,h)anthracene
Concen: 46.32 ng
RT: 29.17 min Scan# 4483
Delta R.T. -0.01 min
Lab File: BG023446.D
Acq: 4 Aug 2016 9:57

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.8	4.7	7.1
279	25.3	18.3	27.5





#91
 Benzo(a,h,i)perylene
 Concen: 44.91 ng
 RT: 30.32 min Scan# 4679
 Delta R.T. -0.00 min
 Lab File: BG023446.D
 Acq: 4 Aug 2016 9:57

Instrument :
 BNA_G
 ClientSampleId :
 PB92660BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.6	27.8
138	16.7	6.8	10.2

Manual Integrations
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