

Data Path : Z:\HPCHEM1\BNA G\DATA\BG093016\
 Data File : BG024164.D
 Acq On : 30 Sep 2016 18:05
 Operator : UM/SJ
 Sample : H4998-12MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SUP-B046-3-6MSD

Manual Integrations
 APPROVED

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 10/3/2016 6:50:11 PM

Quant Time: Oct 01 00:51:34 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG092316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 23 15:35:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	42586	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	212192	20.00	ng	-0.01
38) Acenaphthene-d10	14.70	164	185371	20.00	ng	-0.01
63) Phenanthrene-d10	17.47	188	419436	20.00	ng	-0.01
75) Chrysene-d12	21.78	240	459700	20.00	ng	-0.02
86) Perylene-d12	25.11	264	445474	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	432656	176.01	ng	0.00
7) Phenol-d6	7.20	99	692560	167.44	ng	0.00
23) Nitrobenzene-d5	9.21	82	512114	95.12	ng	-0.01
41) 2,4,6-Tribromophenol	16.21	330	330923	124.20	ng	-0.01
44) 2-Fluorobiphenyl	13.32	172	979888	88.86	ng	-0.01
78) Terphenyl-d14	20.09	244	1678285	74.76	ng	-0.01

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.43	88	47238	50.21	ng	95
3) Pyridine	3.84	79	149288	44.90	ng	98
4) n-Nitrosodimethylamine	3.75	42	75431	44.76	ng	# 74
6) Aniline	7.36	93	213840	36.81	ng	97
8) 2-Chlorophenol	7.60	128	161947	55.04	ng	96
9) Benzaldehyde	7.17	77	110880	49.23	ng	90
10) Phenol	7.23	94	264449	60.82	ng	93
11) bis(2-Chloroethyl)ether	7.44	93	172282	50.24	ng	85
12) 1,3-Dichlorobenzene	7.92	146	161208	49.13	ng	97
13) 1,4-Dichlorobenzene	8.07	146	171265	51.14	ng	96
14) 1,2-Dichlorobenzene	8.39	146	169004	51.85	ng	87
15) Benzyl Alcohol	8.28	79	200937	50.20	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.57	45	231724	48.94	ng	95
17) 2-Methylphenol	8.49	107	166309	57.53	ng	94
18) Hexachloroethane	9.11	117	69310	49.12	ng	96
19) n-Nitroso-di-n-propylamine	8.84	70	188336	46.36	ng	97
20) 3+4-Methylphenols	8.83	107	233564	55.63	ng	88
22) Acetophenone	8.87	105	304631	49.76	ng	# 97
24) Nitrobenzene	9.26	77	278563	48.27	ng	92
25) Isophorone	9.78	82	513724	46.78	ng	# 95
26) 2-Nitrophenol	9.98	139	98750	48.24	ng	# 89
27) 2,4-Dimethylphenol	10.03	122	177136	51.75	ng	96
28) bis(2-Chloroethoxy)methane	10.26	93	271747	50.89	ng	95
29) 2,4-Dichlorophenol	10.53	162	199566	56.02	ng	98
30) 1,2,4-Trichlorobenzene	10.72	180	181068	47.49	ng	89
31) Naphthalene	10.91	128	544445	50.65	ng	100
32) Benzoic acid	10.18	122	16809	8.88	ng	92
33) 4-Chloroaniline	11.04	127	92501	19.28	ng	90
34) Hexachlorobutadiene	11.19	225	129803	43.24	ng	95
35) Caprolactam	11.83	113	76737m	52.95	ng	
36) 4-Chloro-3-methylphenol	12.17	107	254904	50.85	ng	97
37) 2-Methylnaphthalene	12.52	142	421291	51.18	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	239722	44.29	ng	99
40) Hexachlorocyclopentadiene	12.86	237	213307	81.79	ng	97

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 QLast Update : Fri Sep 23 15:35:28 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.15	196	169928	48.55	nq	97
43) 2,4,5-Trichlorophenol	13.23	196	174537	48.46	nq	# 93
45) 1,1'-Biphenyl	13.53	154	596767	47.08	nq	99
46) 2-Chloronaphthalene	13.58	162	467147	49.36	nq	97
47) 2-Nitroaniline	13.81	65	208125	47.26	nq	95
48) Acenaphthylene	14.43	152	765231	47.63	nq	99
49) Dimethylphthalate	14.16	163	1199212	84.33	nq	99
50) 2,6-Dinitrotoluene	14.29	165	151010	50.55	nq	96
51) Acenaphthene	14.77	154	480788	49.34	nq	99
52) 3-Nitroaniline	14.63	138	96024	32.19	nq	88
53) 2,4-Dinitrophenol	14.86	184	129421	63.52	nq	91
54) Dibenzofuran	15.11	168	788111	51.94	nq	98
55) 4-Nitrophenol	14.97	139	219652	91.86	nq	94
56) 2,4-Dinitrotoluene	15.09	165	229689	50.53	nq	# 86
57) Fluorene	15.76	166	660379	50.00	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.34	232	184011	52.91	nq	91
59) Diethylphthalate	15.51	149	734502	47.96	nq	96
60) 4-Chlorophenyl-phenylether	15.74	204	330823	46.76	nq	96
61) 4-Nitroaniline	15.81	138	143667	46.49	nq	# 83
62) Azobenzene	16.04	77	831150	53.42	nq	92
64) 4,6-Dinitro-2-methylphenol	15.86	198	131376	45.11	nq	88
65) n-Nitrosodiphenylamine	15.97	169	592694	51.66	nq	93
66) 4-Bromophenyl-phenylether	16.65	248	233198	47.93	nq	100
67) Hexachlorobenzene	16.77	284	244234	44.55	nq	94
68) Atrazine	16.92	200	252851	49.92	nq	96
69) Pentachlorophenol	17.13	266	240786	84.54	nq	97
70) Phenanthrene	17.52	178	1116789	52.27	nq	98
71) Anthracene	17.61	178	1134128	51.68	nq	98
72) Carbazole	17.89	167	1019518	49.91	nq	98
73) Di-n-butylphthalate	18.42	149	1267609	47.40	nq	97
74) Fluoranthene	19.53	202	1340500	48.06	nq	96
76) Benzidine	19.72	184	552030	42.42	nq	98
77) Pyrene	19.89	202	1348458	42.01	nq	93
79) Butylbenzylphthalate	20.77	149	577959	48.90	nq	95
80) Benzo(a)anthracene	21.75	228	1292685	49.40	nq	96
81) 3,3'-Dichlorobenzidine	21.67	252	292361	31.17	nq	# 95
82) Chrysene	21.82	228	1215048	49.40	nq	98
83) Bis(2-ethylhexyl)phthalate	21.63	149	797194	56.45	nq	98
84) Di-n-octyl phthalate	22.86	149	1375458	56.45	nq	98
85) Indeno(1,2,3-cd)pyrene	28.92	276	1529131	55.74	nq	# 100
87) Benzo(b)fluoranthene	24.04	252	1332361	51.41	nq	# 97
88) Benzo(k)fluoranthene	24.11	252	1275222	49.54	nq	# 97
89) Benzo(a)pyrene	24.95	252	1289717	51.48	nq	# 97
90) Dibenzo(a,h)anthracene	28.97	278	1246602	49.83	nq	# 97
91) Benzo(g,h,i)perylene	30.11	276	1278367	50.72	nq	# 96

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

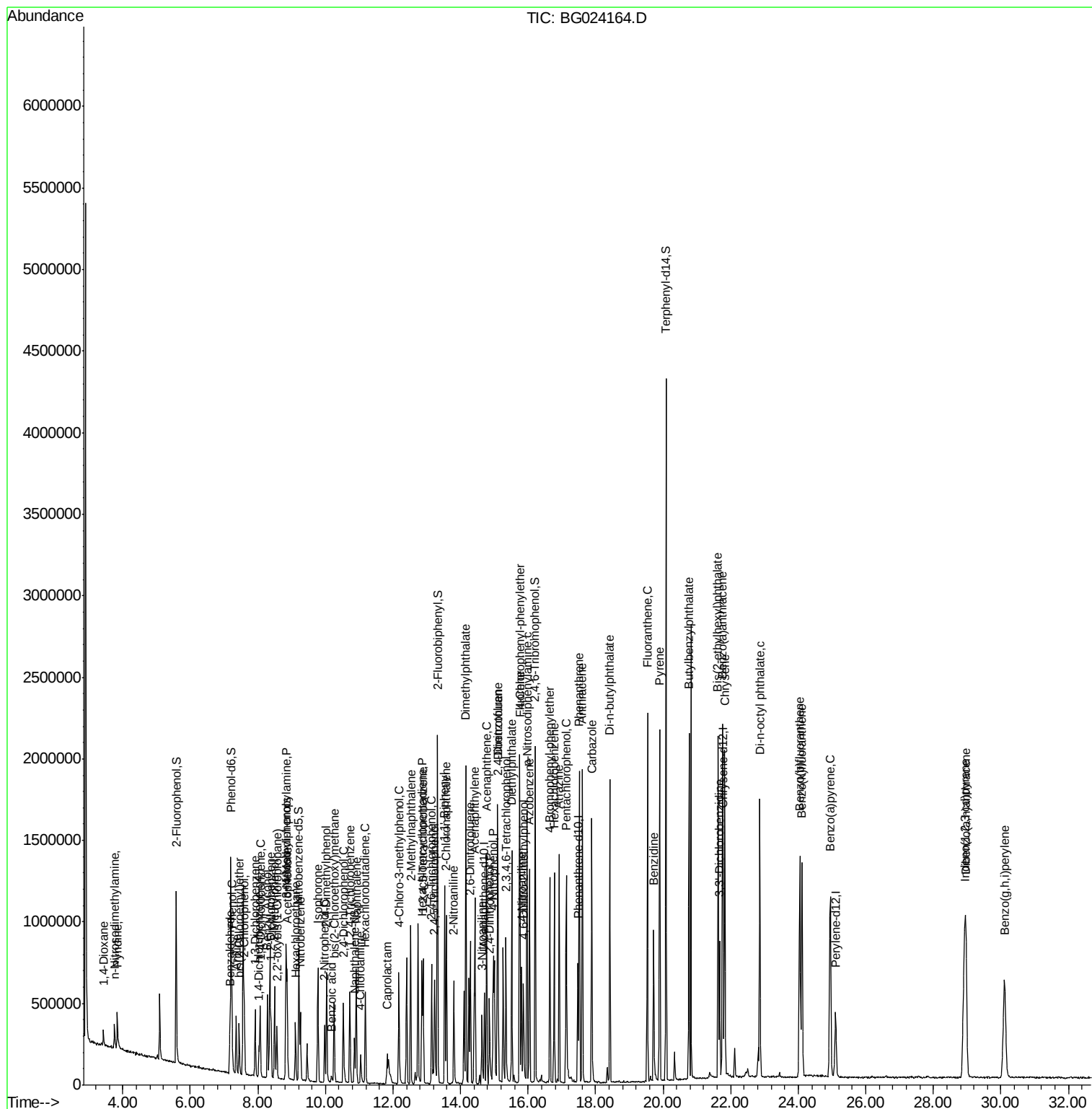
Data Path : Z:\HPCHEM1\BNA G\DATA\BG093016\
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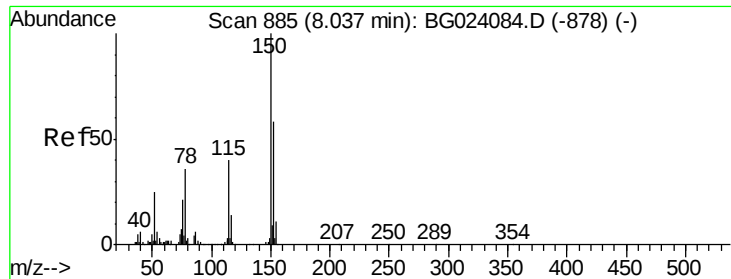
Instrument :
BNA_G
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#1

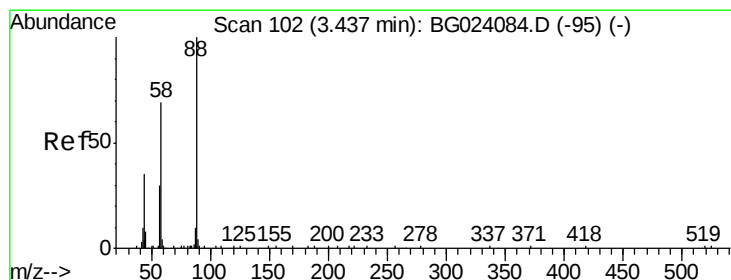
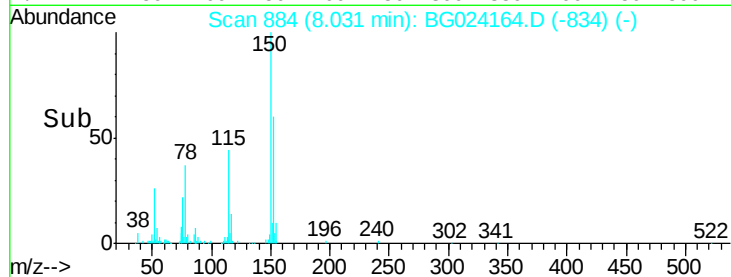
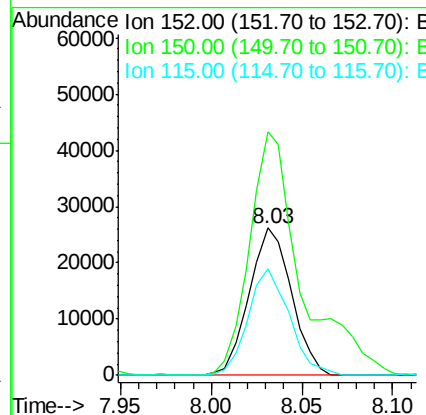
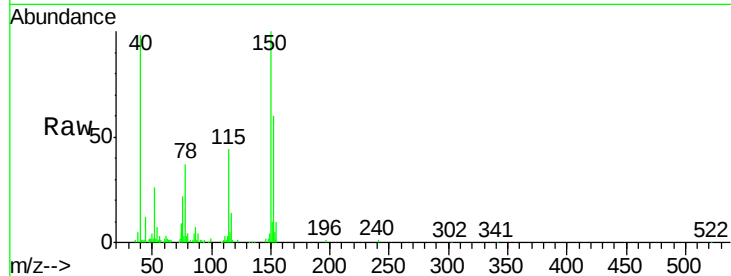
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.03 min Scan# 884
Delta R.T. -0.01 min
Lab File: BG024164.D
Acq: 30 Sep 2016 18:05

Instrument :
BNA_G
ClientSampleId :
SUP-B046-3-6MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	165.4	144.7	217.1
115	72.0	64.0	96.0

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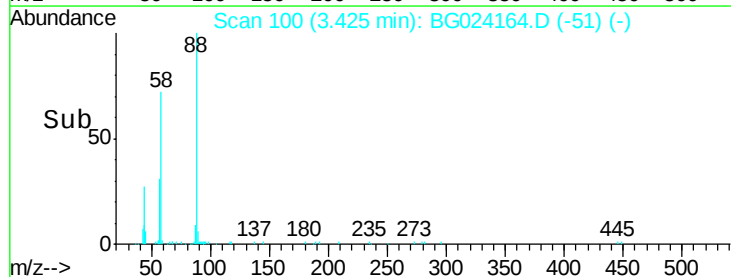
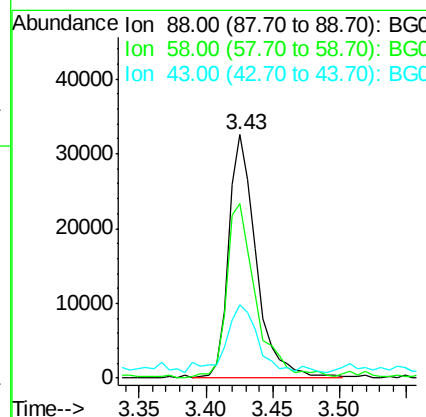
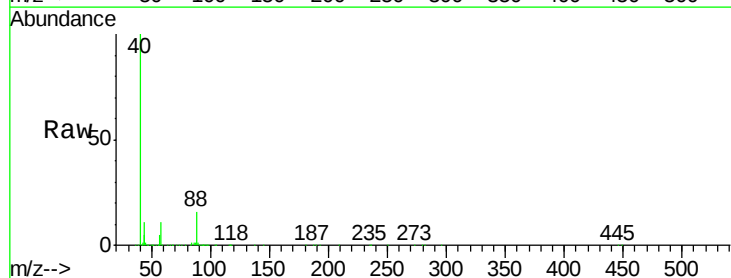
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#2

1,4-Dioxane
Concen: 50.21 ng
RT: 3.43 min Scan# 100
Delta R.T. -0.01 min
Lab File: BG024164.D
Acq: 30 Sep 2016 18:05

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.0	60.4	90.6
43	31.6	31.1	46.7





#3

Pvridine

Concen: 44.90 ng

RT: 3.84 min Scan# 170

Delta R.T. -0.01 min

Lab File: BG024164.D

Acq: 30 Sep 2016 18:05

Instrument :

BNA_G

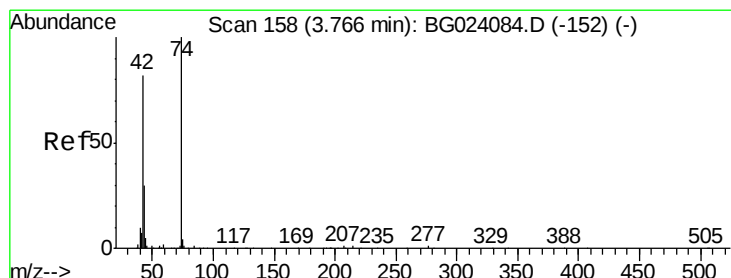
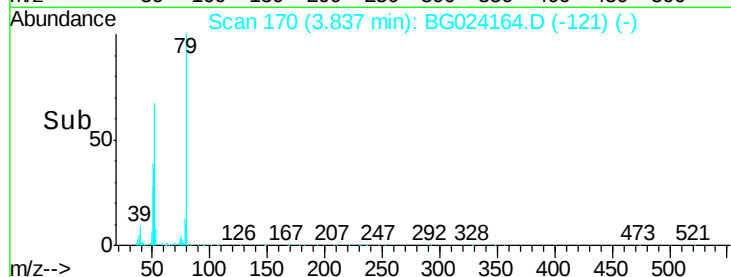
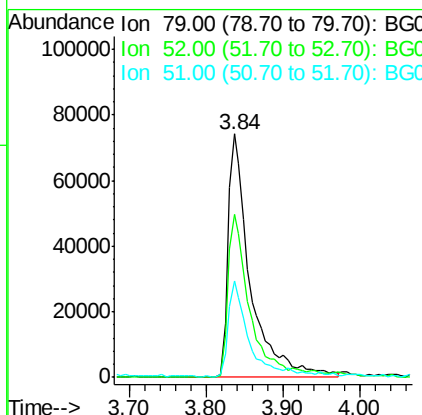
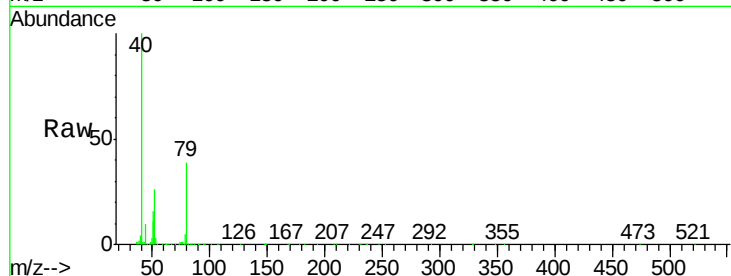
ClientSampleId :

SUP-B046-3-6MSD

Tot Ion:	79	Resp:	149288
Ion Ratio	Lower	Upper	
79	100		
52	66.9	51.8	77.8
51	39.8	32.7	49.1

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#4

n-Nitrosodimethylamine

Concen: 44.76 ng

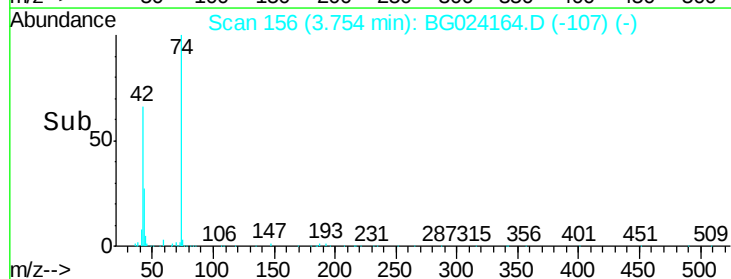
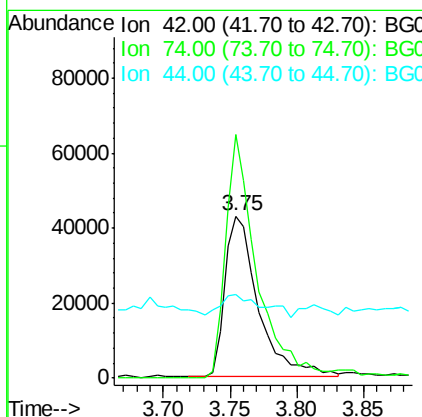
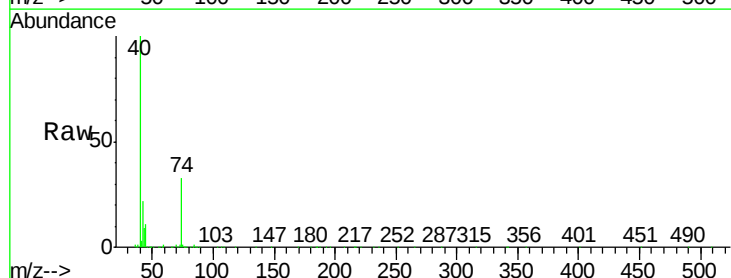
RT: 3.75 min Scan# 156

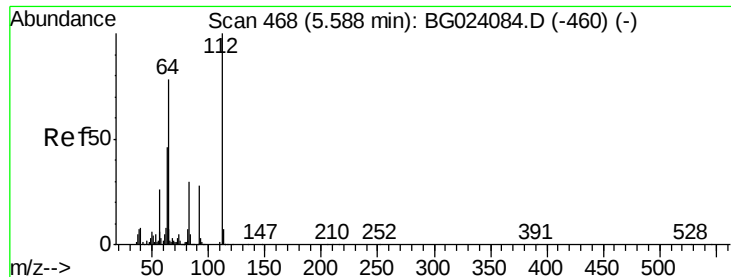
Delta R.T. -0.01 min

Lab File: BG024164.D

Acq: 30 Sep 2016 18:05

Tgt Ion:	42	Resp:	75431
Ion Ratio	Lower	Upper	
42	100		
74	150.1	100.6	150.8
44	51.2	4.5	6.7#





#5

2-Fluorophenol

Concen: 176.01 ng

RT: 5.58 min Scan# 467

Delta R.T. -0.01 min

Lab File: BG024164.D

Acq: 30 Sep 2016 18:05

Instrument :

BNA_G

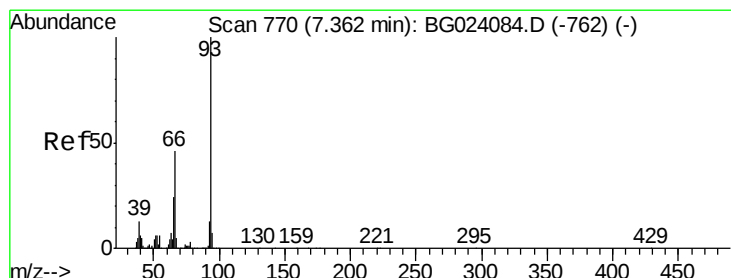
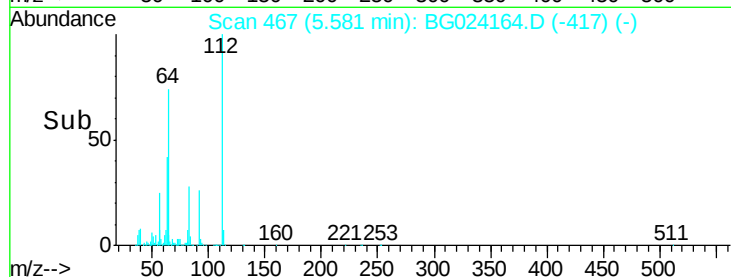
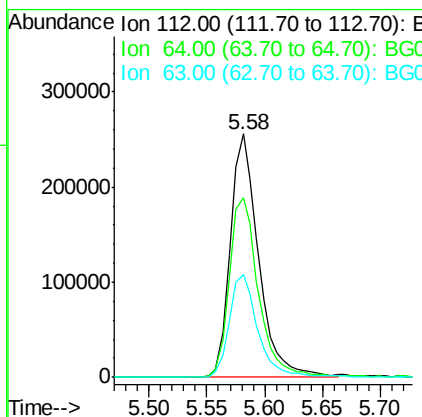
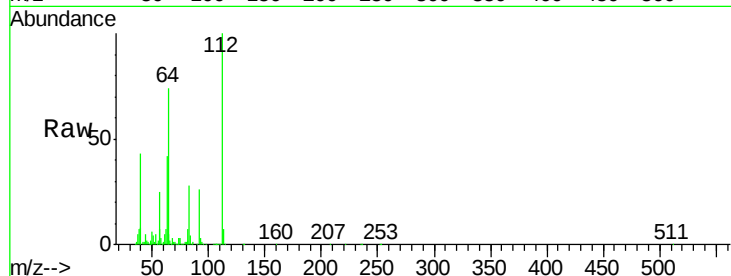
ClientSampleId :

SUP-B046-3-6MSD

Tot Ion:	112	Resp:	432656
Ion Ratio	Lower	Upper	
112	100		
64	73.9	59.0	88.4
63	42.5	37.8	56.8

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#6

Aniline

Concen: 36.81 ng

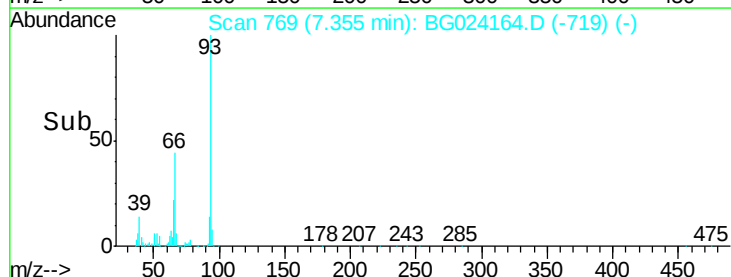
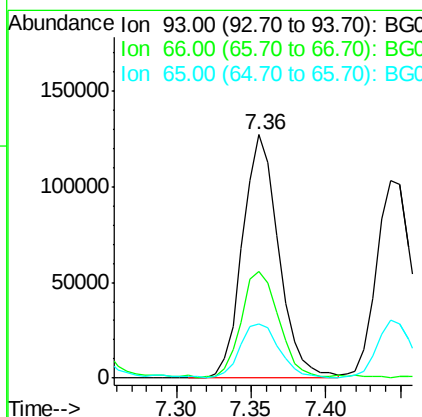
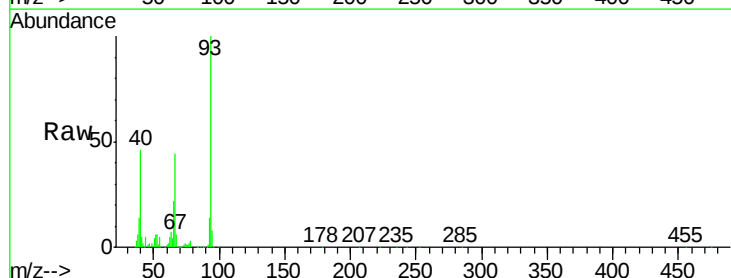
RT: 7.36 min Scan# 769

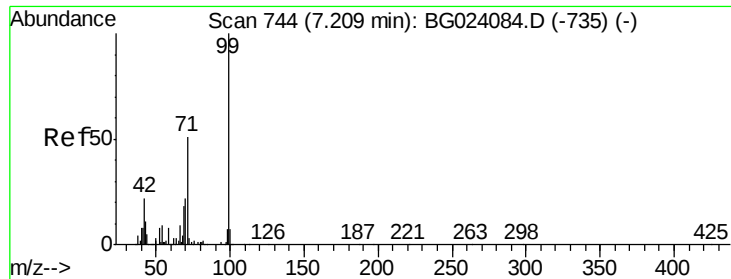
Delta R.T. -0.01 min

Lab File: BG024164.D

Acq: 30 Sep 2016 18:05

Tgt Ion:	93	Resp:	213840
Ion Ratio	Lower	Upper	
93	100		
66	43.7	37.5	56.3
65	22.1	17.9	26.9





#7

Phenol-d6

Concen: 167.44 ng

RT: 7.20 min Scan# 743

Delta R.T. -0.01 min

Lab File: BG024164.D

Acq: 30 Sep 2016 18:05

Instrument :

BNA_G

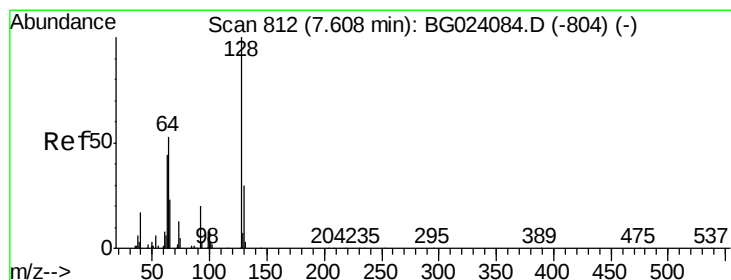
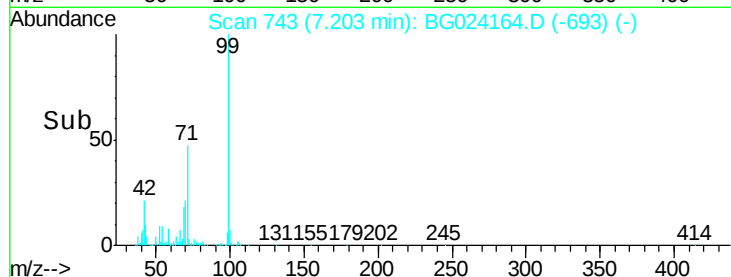
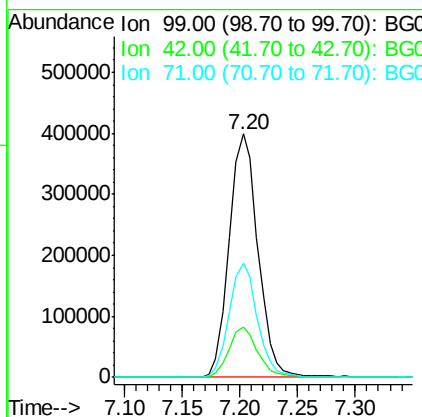
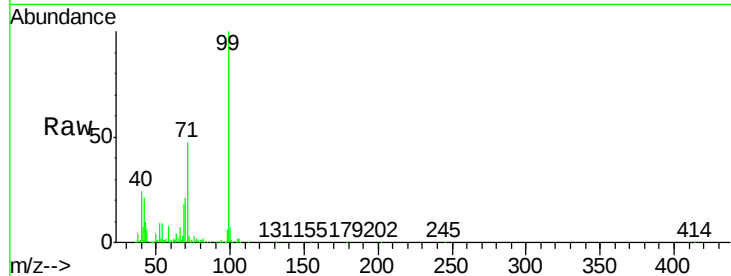
ClientSampleId :

SUP-B046-3-6MSD

Tot Ion:	99	Resp:	692560
Ion Ratio	Lower	Upper	
99	100		
42	20.7	17.8	26.6
71	47.0	41.5	62.3

Manual Integrations
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#8

2-Chlorophenol

Concen: 55.04 ng

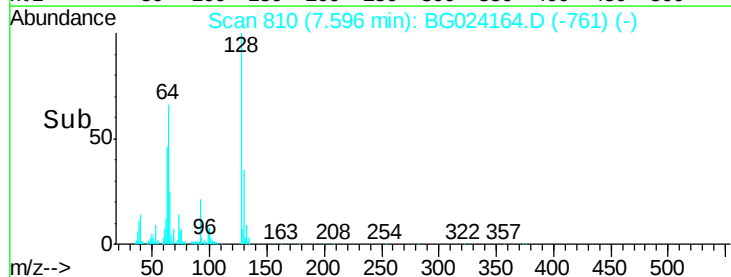
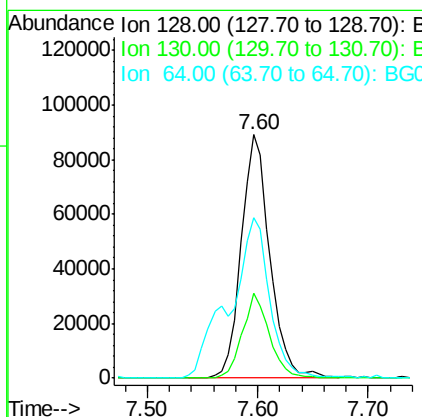
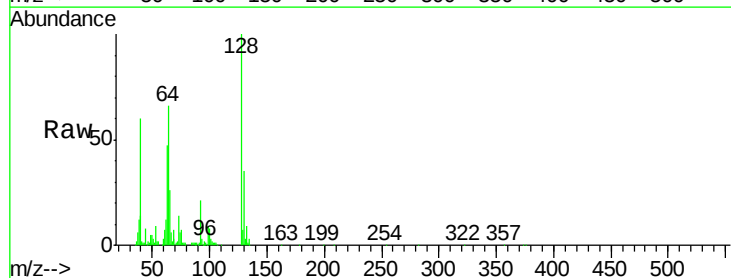
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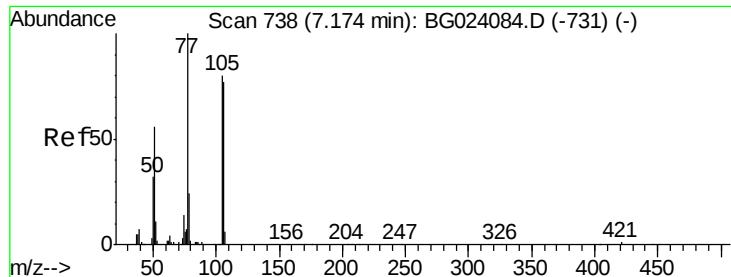
Delta R.T. -0.01 min

Lab File: BG024164.D

Acq: 30 Sep 2016 18:05

Tgt Ion:	128	Resp:	161947
Ion Ratio	Lower	Upper	
128	100		
130	35.0	12.9	52.9
64	65.7	42.0	82.0





#9

Benzaldehyde

Concen: 49.23 ng

RT: 7.17 min Scan# 737

Delta R.T. -0.01 min

Lab File: BG024164.D

Acq: 30 Sep 2016 18:05

Instrument :

BNA_G

ClientSampleId :

SUP-B046-3-6MSD

Tot Ion: 77 Resp: 110880

Ion Ratio Lower Upper

77 100

105 87.8 58.7 98.7

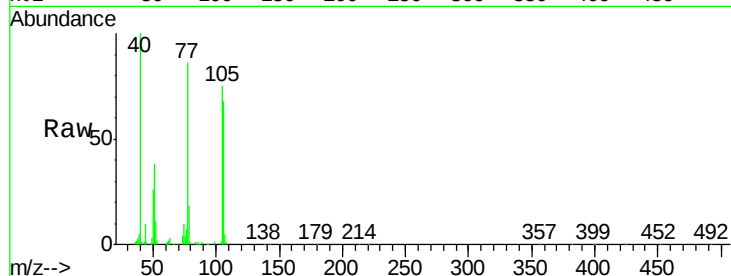
106 78.7 67.5 107.5

Manual Integrations

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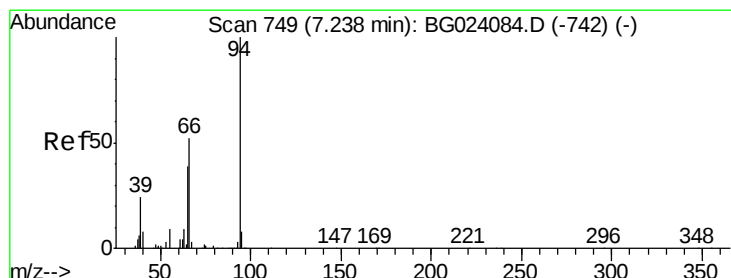
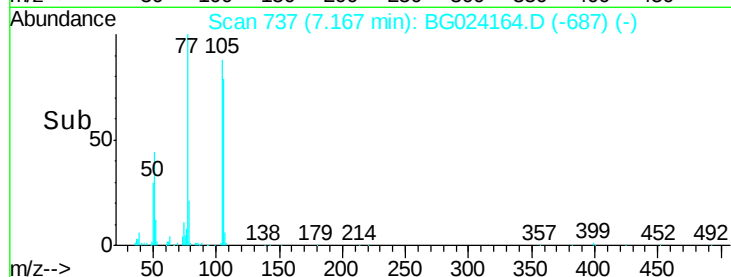
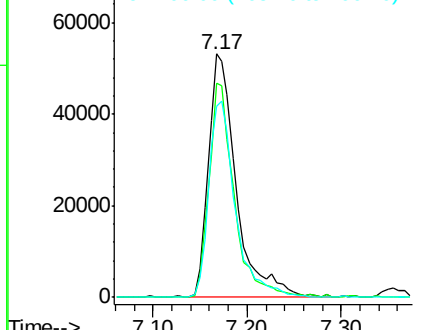
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Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 60.82 ng

RT: 7.23 min Scan# 748

Delta R.T. -0.01 min

Lab File: BG024164.D

Acq: 30 Sep 2016 18:05

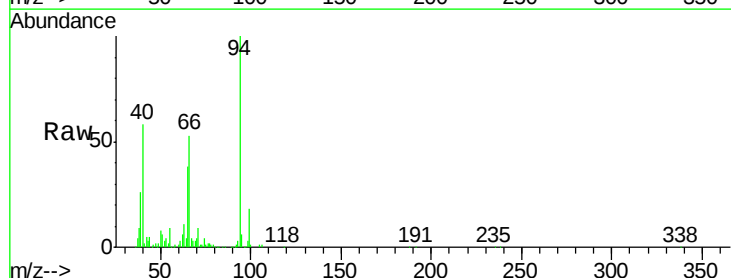
Tgt Ion: 94 Resp: 264449

Ion Ratio Lower Upper

94 100

65 37.6 18.1 58.1

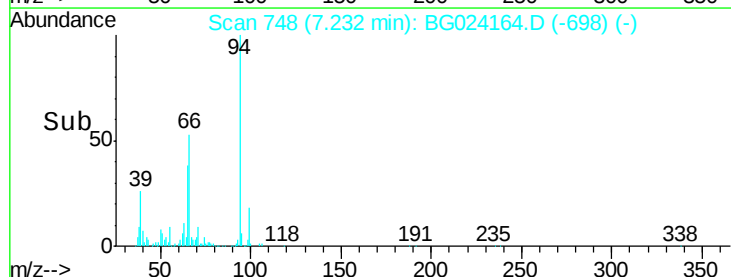
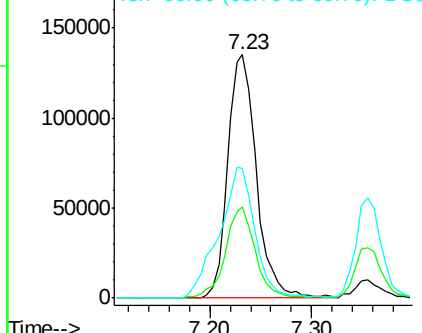
66 53.3 42.1 82.1

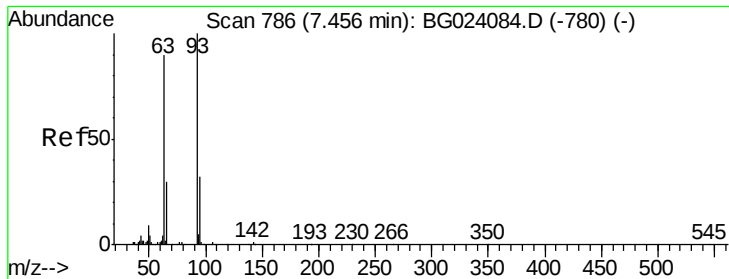


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





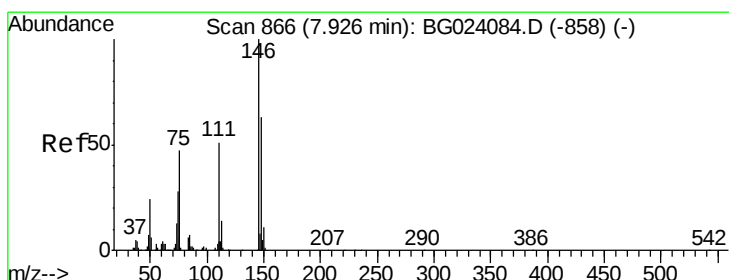
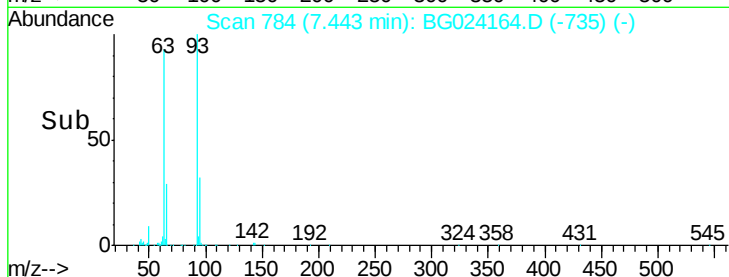
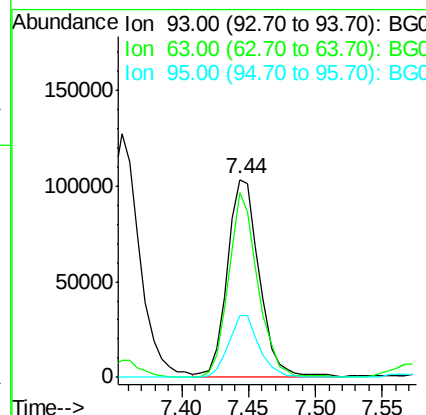
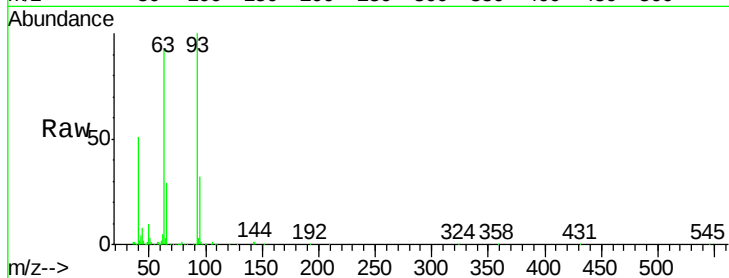
#11
bis(2-Chloroethyl)ether
Concen: 50.24 ng
RT: 7.44 min Scan# 784
Delta R.T. -0.01 min
Lab File: BG024164.D
Acq: 30 Sep 2016 18:05

Instrument :
BNA_G
ClientSampleId :
SUP-B046-3-6MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	93.3	55.0	95.0
95	31.5	11.0	51.0

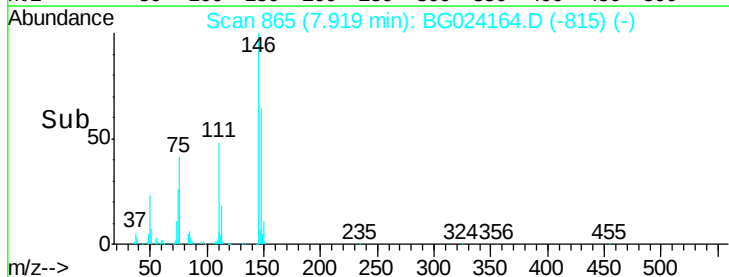
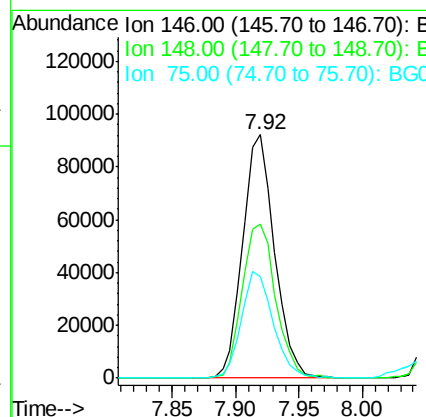
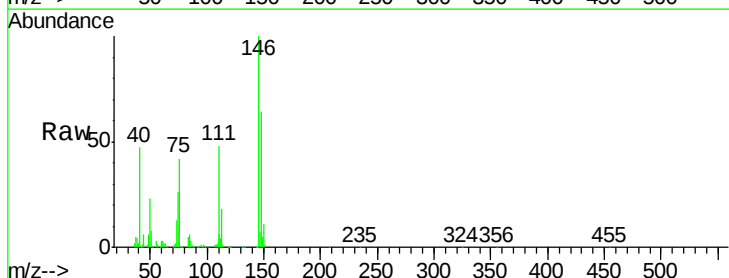
Manual Integrations
APPROVED

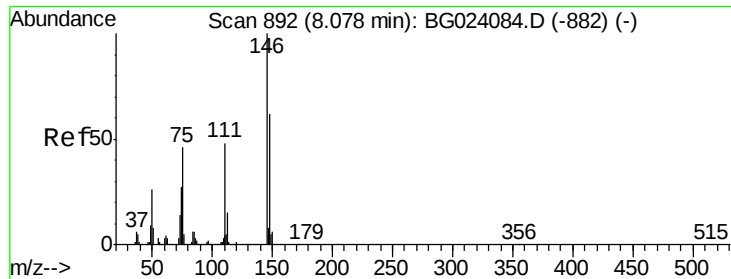
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#12
1,3-Dichlorobenzene
Concen: 49.13 ng
RT: 7.92 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG024164.D
Acq: 30 Sep 2016 18:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.3	75.5
75	41.5	37.0	55.6





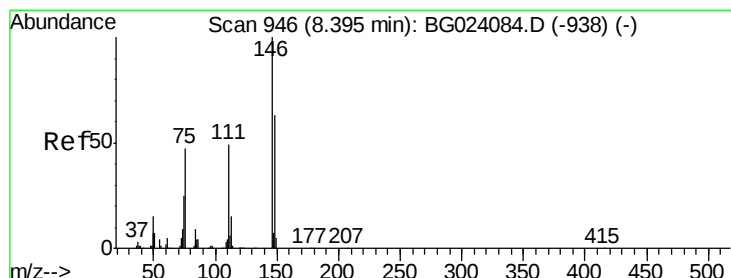
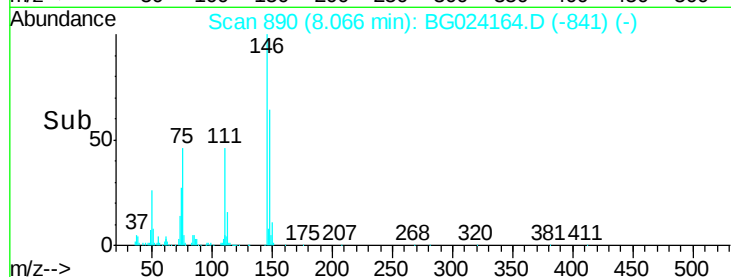
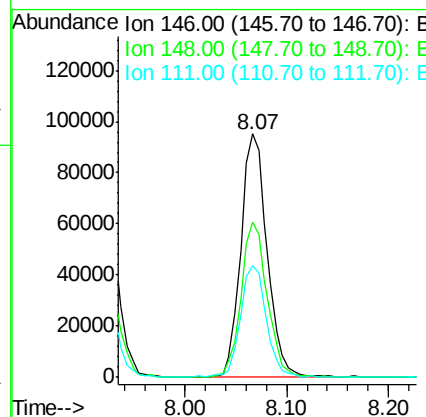
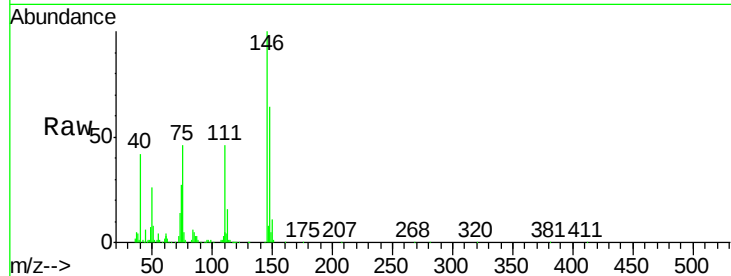
#13
 1,4-Dichlorobenzene
 Concen: 51.14 ng
 RT: 8.07 min Scan# 890
 Delta R.T. -0.01 min
 Lab File: BG024164.D
 Acq: 30 Sep 2016 18:05

Instrument :
 BNA_G
 ClientSampleId :
 SUP-B046-3-6MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	54.5	81.7
111	46.1	37.8	56.8

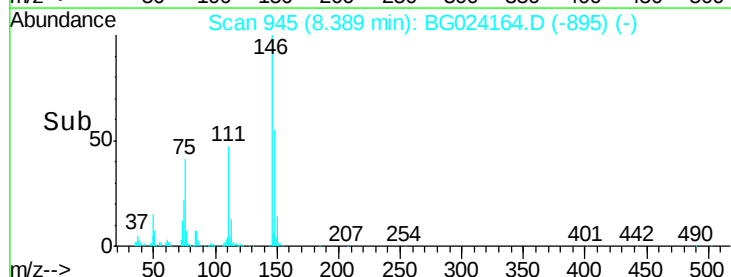
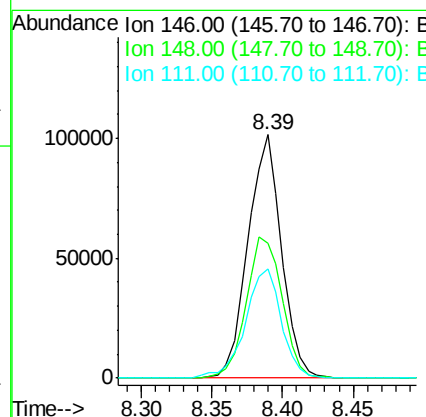
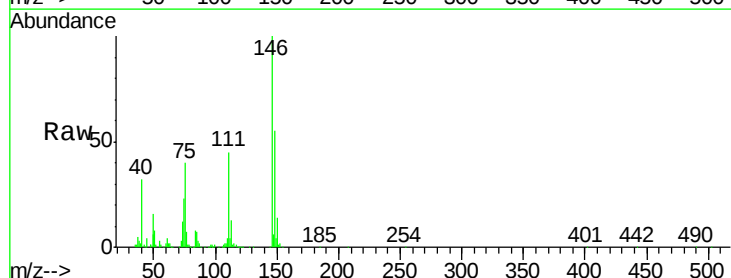
Manual Integrations
 APPROVED

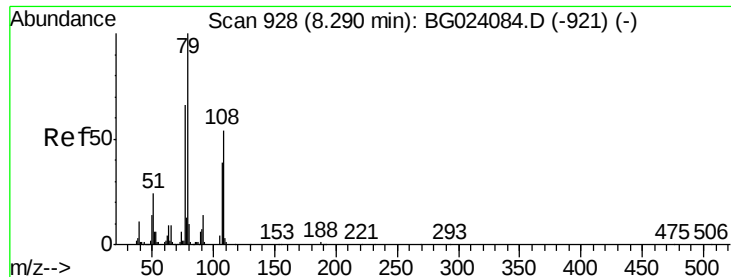
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#14
 1,2-Dichlorobenzene
 Concen: 51.85 ng
 RT: 8.39 min Scan# 945
 Delta R.T. -0.01 min
 Lab File: BG024164.D
 Acq: 30 Sep 2016 18:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	55.3	52.9	79.3
111	45.0	43.5	65.3





#15

Benzyl Alcohol

Concen: 50.20 ng

RT: 8.28 min Scan# 927

Delta R.T. -0.01 min

Lab File: BG024164.D

Acq: 30 Sep 2016 18:05

Instrument :

BNA_G

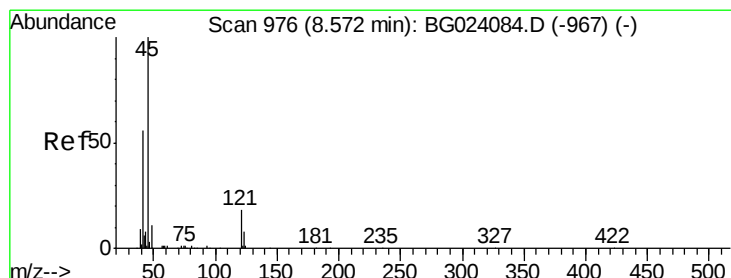
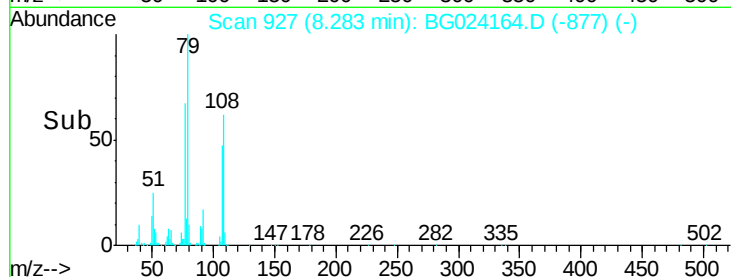
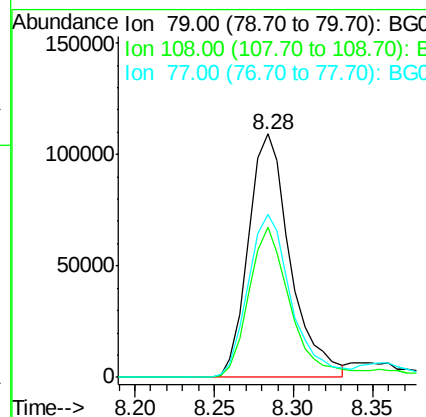
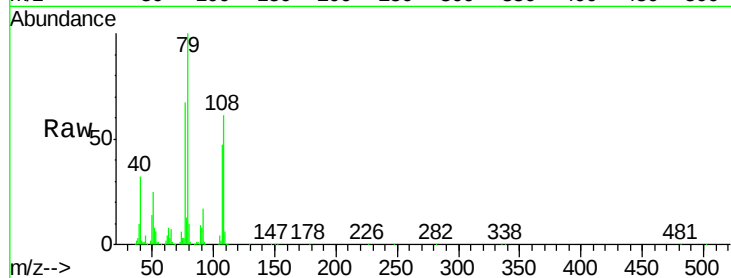
ClientSampleId :

SUP-B046-3-6MSD

Tot Ion:	79	Resp:	200937
Ion Ratio	Lower	Upper	
79	100		
108	61.4	46.5	69.7
77	67.1	52.3	78.5

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 48.94 ng

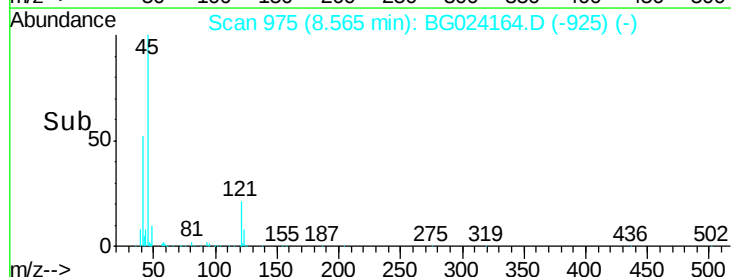
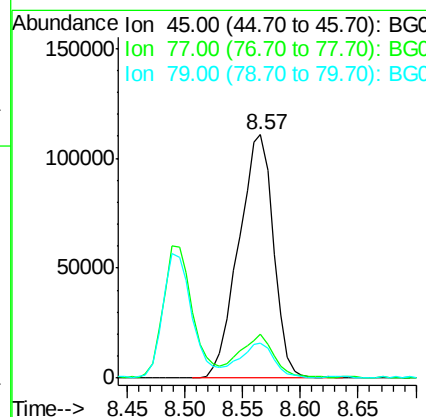
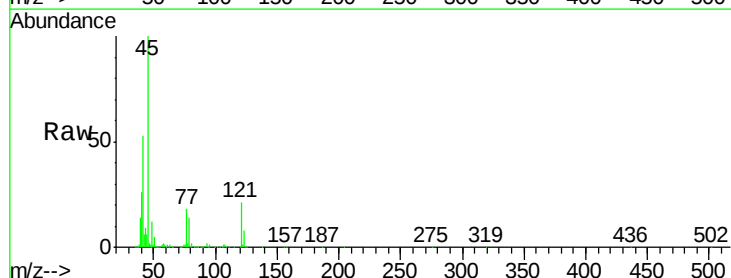
RT: 8.57 min Scan# 975

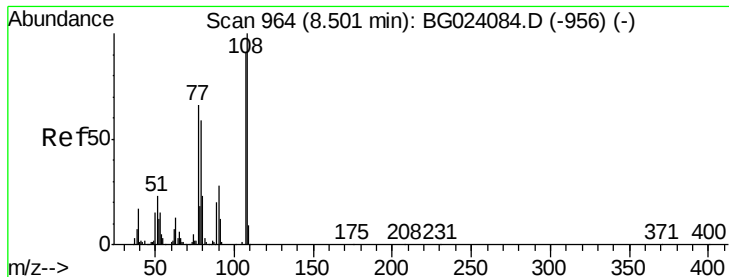
Delta R.T. -0.01 min

Lab File: BG024164.D

Acq: 30 Sep 2016 18:05

Tgt Ion:	45	Resp:	231724
Ion Ratio	Lower	Upper	
45	100		
77	18.2	0.6	40.6
79	14.2	0.0	36.2





#17

2-Methylphenol

Concen: 57.53 ng

RT: 8.49 min Scan# 963

Delta R.T. -0.01 min

Lab File: BG024164.D

Acq: 30 Sep 2016 18:05

Instrument :

BNA_G

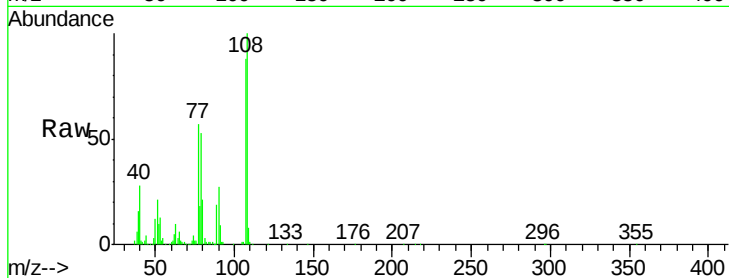
ClientSampleId :

SUP-B046-3-6MSD

Tot Ion	107	Resp	166309
Ion Ratio	Lower	Upper	
107	100		
108	113.1	92.0	138.0
77	63.9	55.8	83.6
79	59.4	55.0	82.6

Manual Integrations
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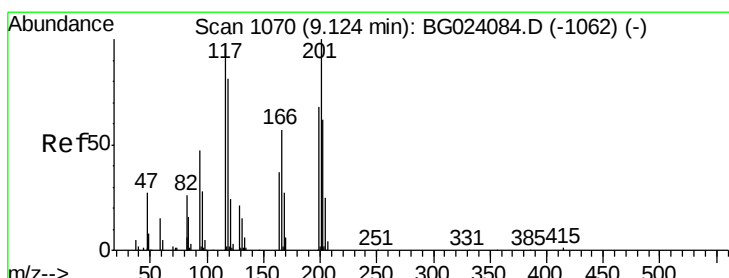
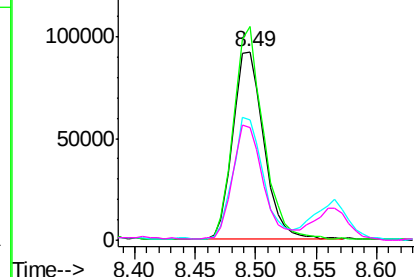
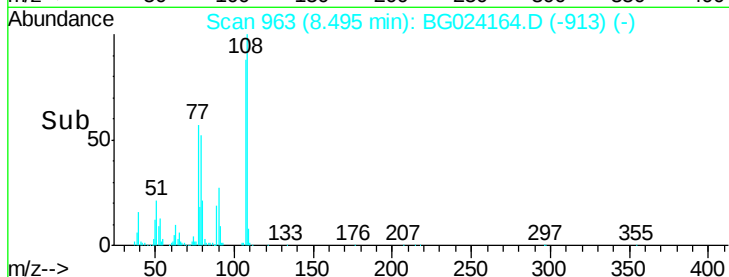


Abundance Ion 107.00 (106.70 to 107.70): E

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: 49.12 ng

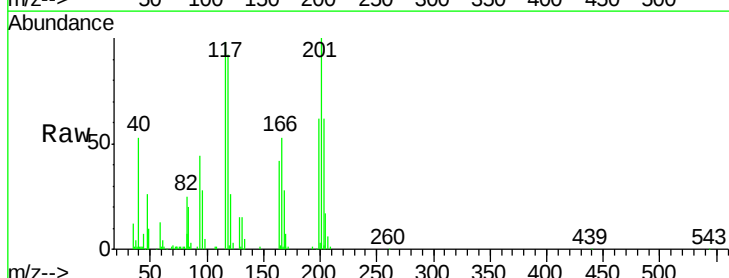
RT: 9.11 min Scan# 1068

Delta R.T. -0.01 min

Lab File: BG024164.D

Acq: 30 Sep 2016 18:05

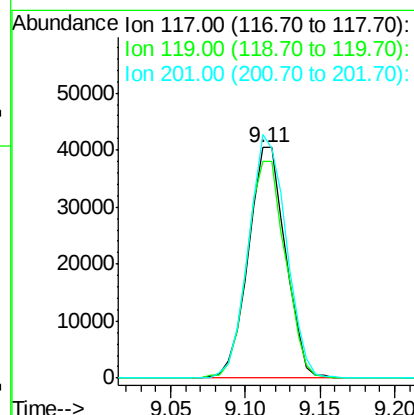
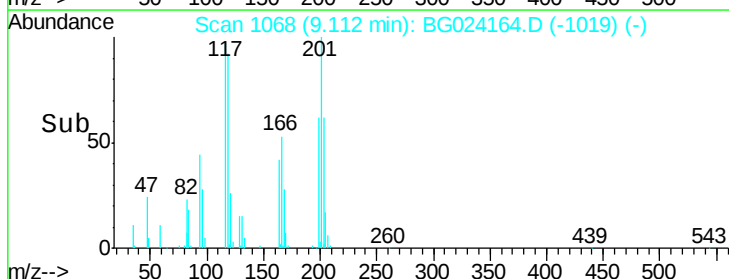
Tgt Ion	117	Resp	69310
Ion Ratio	Lower	Upper	
117	100		
119	94.2	73.7	110.5
201	105.7	88.7	133.1

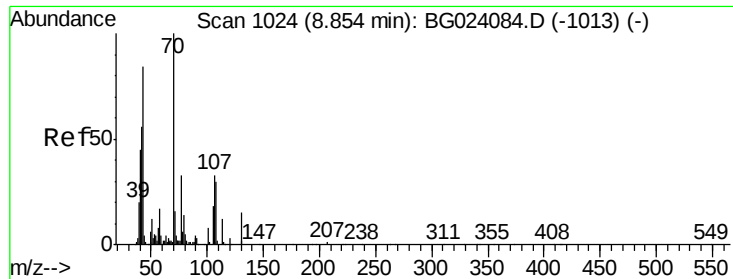


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





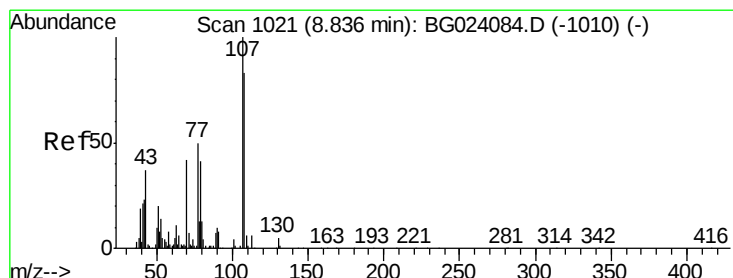
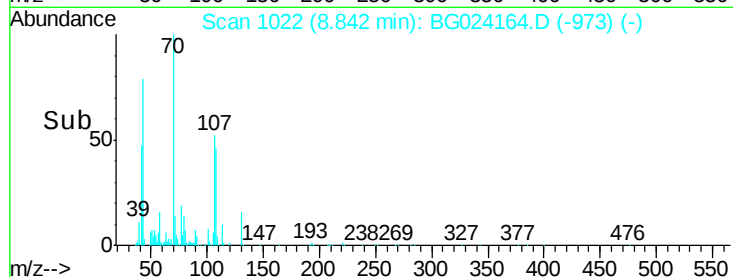
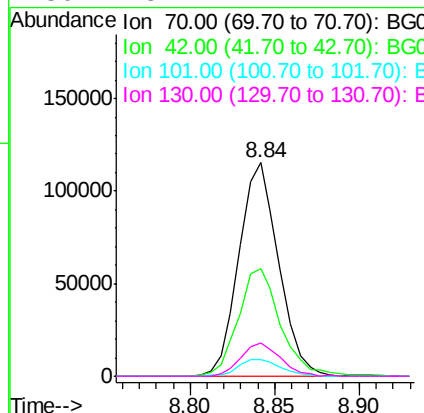
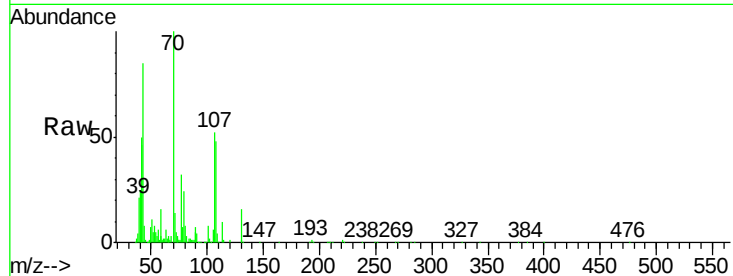
#19
n-Nitroso-di-n-propylamine
Concen: 46.36 ng
RT: 8.84 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BG024164.D
Acq: 30 Sep 2016 18:05

Instrument :
BNA_G
ClientSampleId :
SUP-B046-3-6MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		188336		
42	50.5	42.1	63.1		
101	7.6	7.2	10.8		
130	15.7	14.2	21.2		

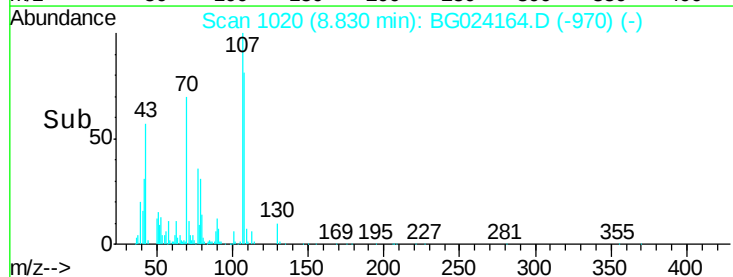
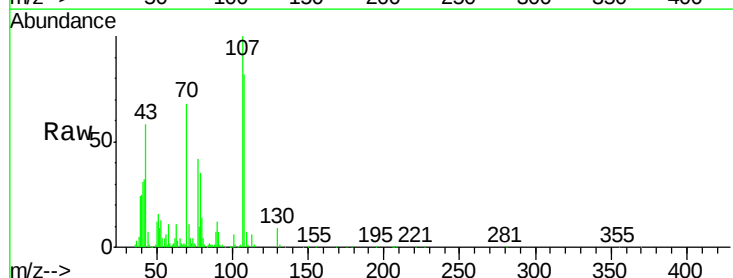
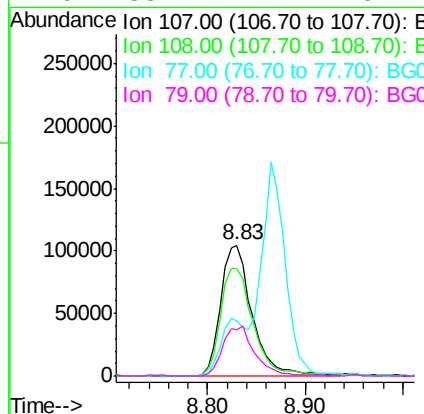
Manual Integrations
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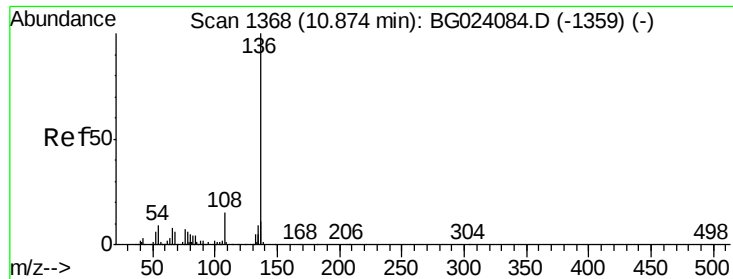
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#20
3+4-Methylphenols
Concen: 55.63 ng
RT: 8.83 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BG024164.D
Acq: 30 Sep 2016 18:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		233564		
108	82.4	72.5	112.5		
77	41.6	30.1	70.1		
79	35.1	24.2	64.2		





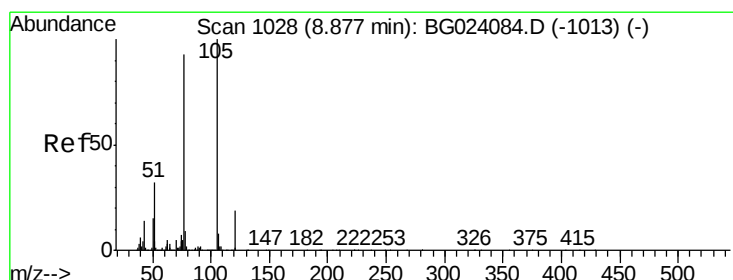
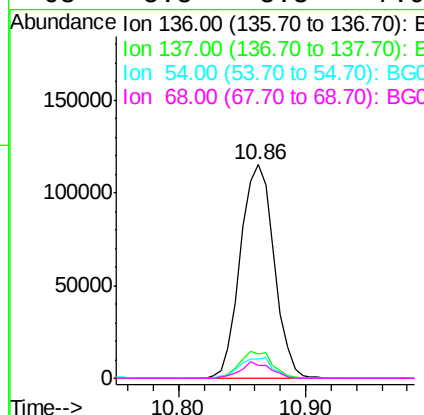
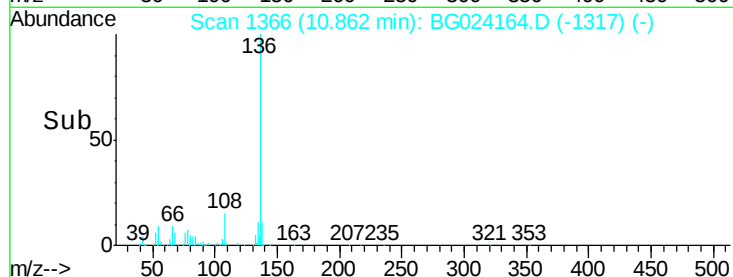
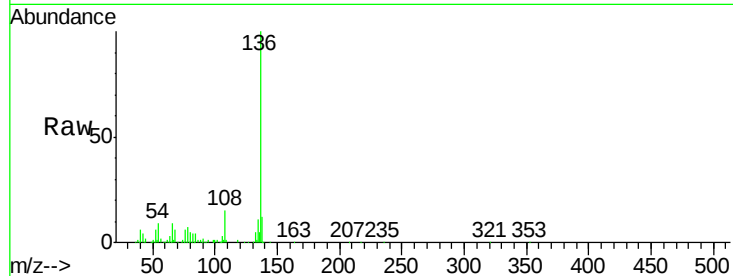
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.86 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BG024164.D
Acq: 30 Sep 2016 18:05

Instrument :
BNA_G
ClientSampleId :
SUP-B046-3-6MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	212192		
137	11.6	9.6	14.4	
54	9.1	7.3	10.9	
68	5.8	5.3	7.9	

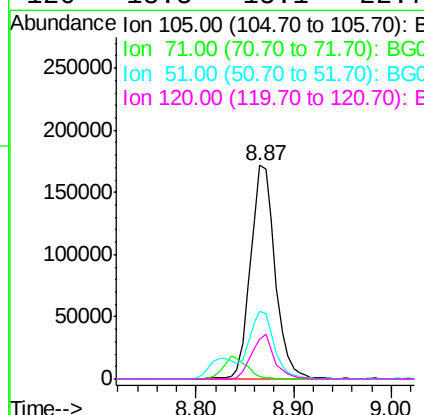
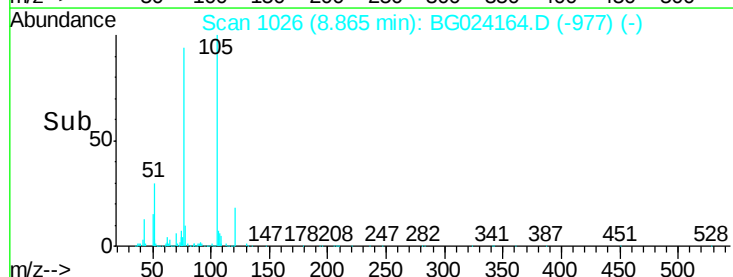
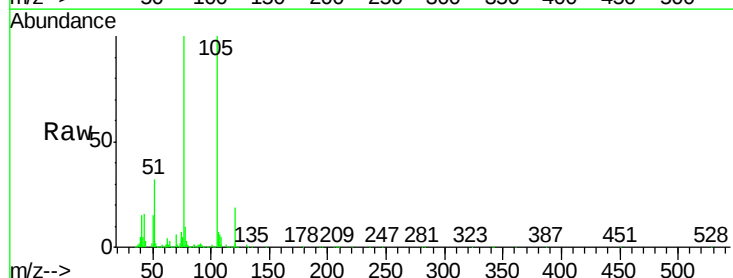
Manual Integrations
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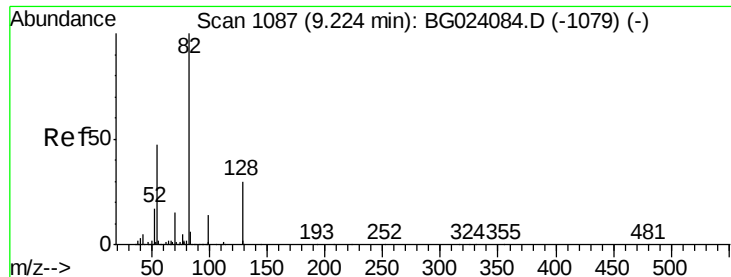
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#22
Acetophenone
Concen: 49.76 ng
RT: 8.87 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BG024164.D
Acq: 30 Sep 2016 18:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	304631		
71	1.2	2.6	3.8#	
51	31.7	27.1	40.7	
120	18.5	15.1	22.7	





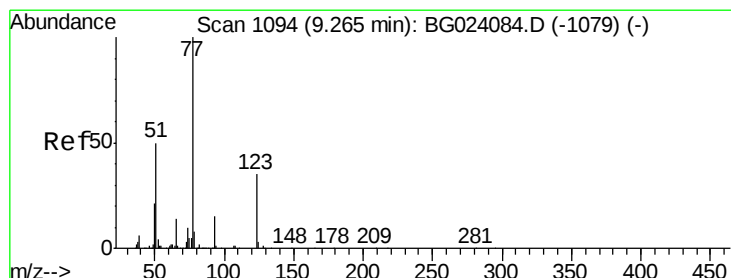
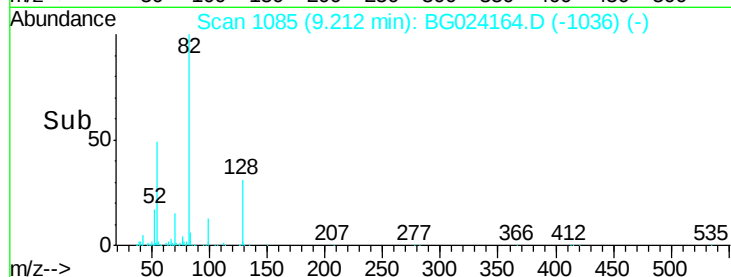
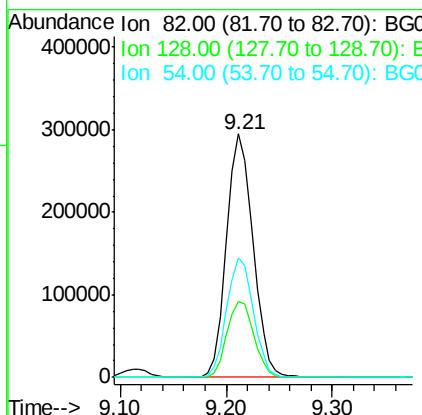
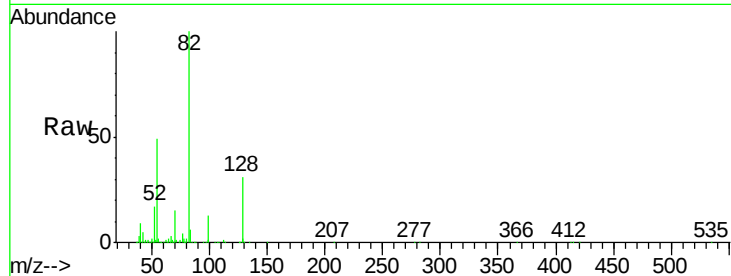
#23
 Nitrobenzene-d5
 Concen: 95.12 ng
 RT: 9.21 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: BG024164.D
 Acq: 30 Sep 2016 18:05

Instrument :
 BNA_G
 ClientSampleId :
 SUP-B046-3-6MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	31.2	24.4	36.6
54	49.1	41.4	62.0

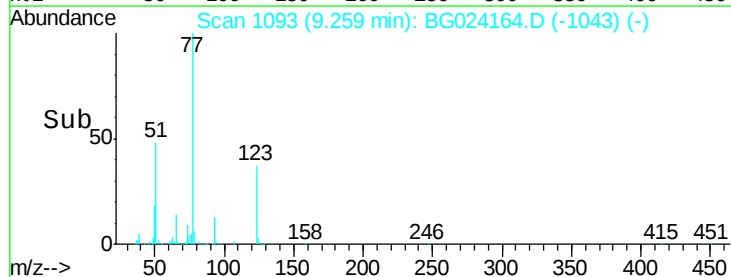
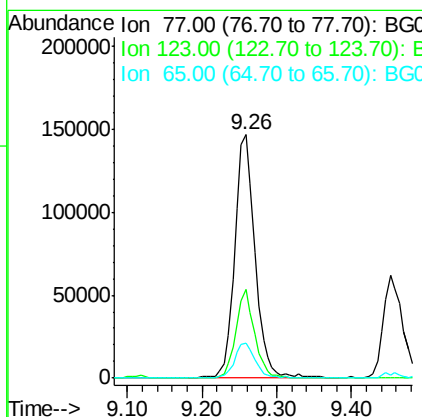
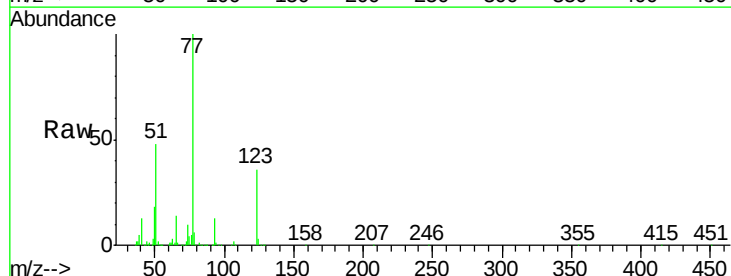
Manual Integrations
 APPROVED

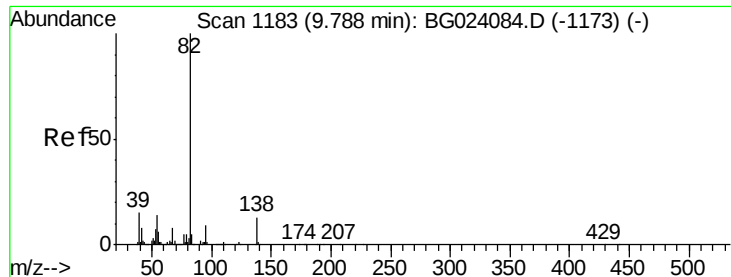
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#24
 Nitrobenzene
 Concen: 48.27 ng
 RT: 9.26 min Scan# 1093
 Delta R.T. -0.01 min
 Lab File: BG024164.D
 Acq: 30 Sep 2016 18:05

Tgt Ion	Ratio	Lower	Upper
77	100		
123	36.4	25.0	37.6
65	14.3	13.4	20.0





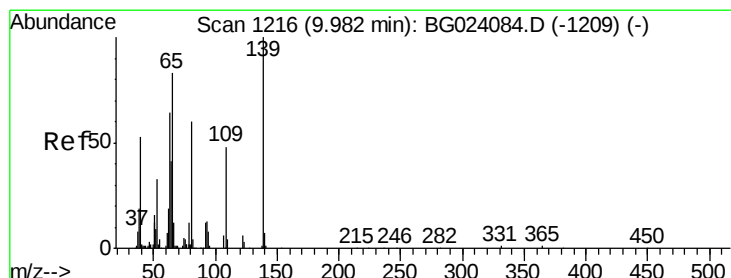
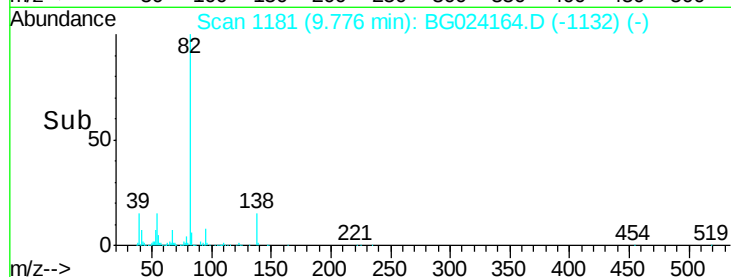
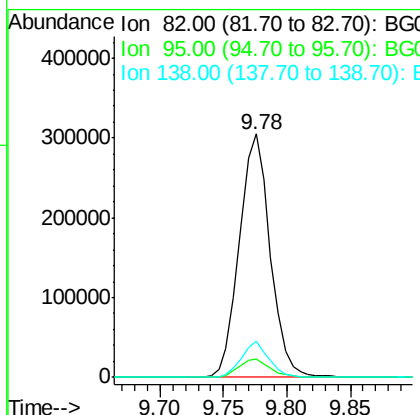
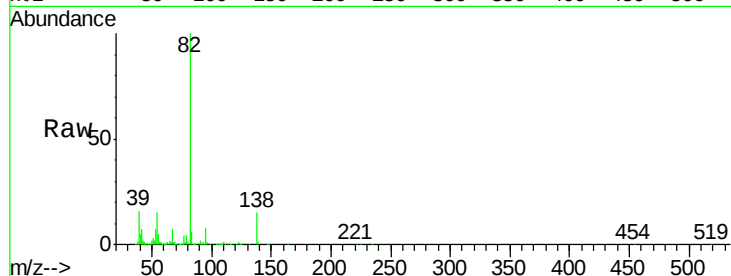
#25
Isophorone
Concen: 46.78 ng
RT: 9.78 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BG024164.D
Acq: 30 Sep 2016 18:05

Instrument :
BNA_G
ClientSampleId :
SUP-B046-3-6MSD

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.8	8.2	12.2#
138	14.8	10.7	16.1

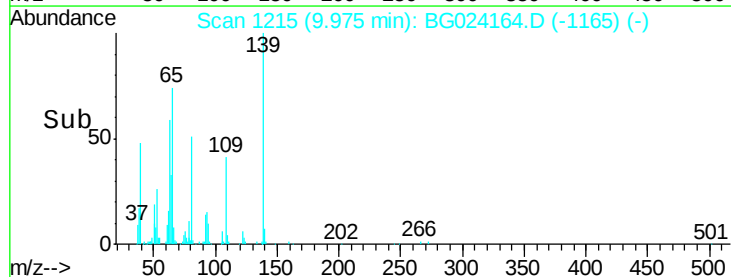
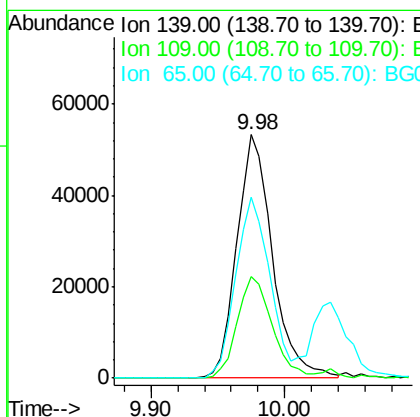
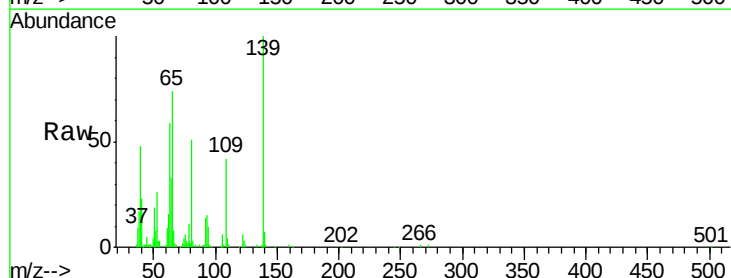
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#26
2-Nitrophenol
Concen: 48.24 ng
RT: 9.98 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BG024164.D
Acq: 30 Sep 2016 18:05

Tgt Ion	Ratio	Lower	Upper
139	100		
109	41.7	43.5	65.3#
65	74.3	64.3	96.5





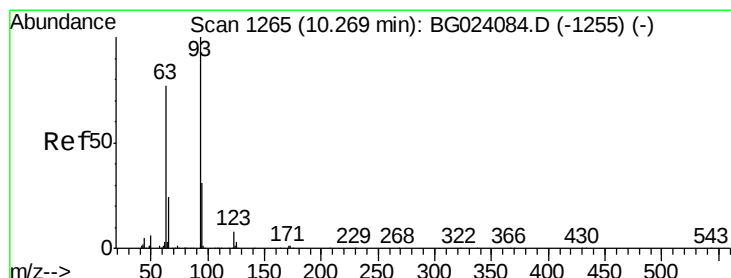
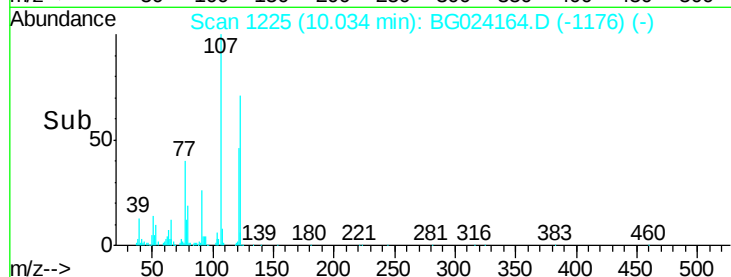
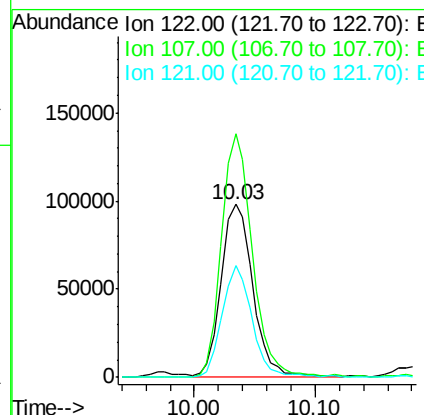
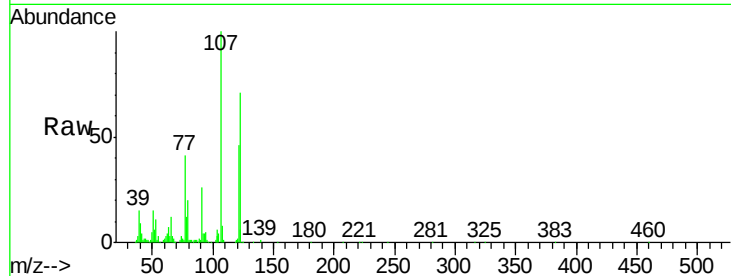
#27
2,4-Dimethylphenol
Concen: 51.75 ng
RT: 10.03 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BG024164.D
Acq: 30 Sep 2016 18:05

Instrument :
BNA_G
ClientSampleId :
SUP-B046-3-6MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	140.6	117.0	175.4
121	64.8	50.1	75.1

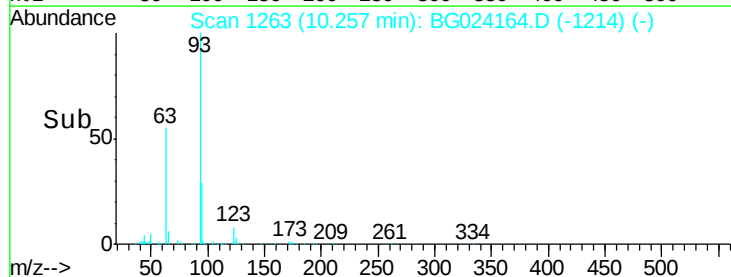
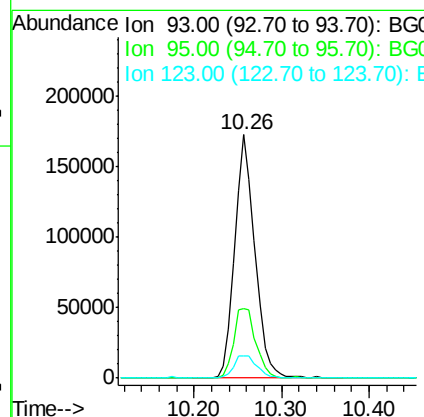
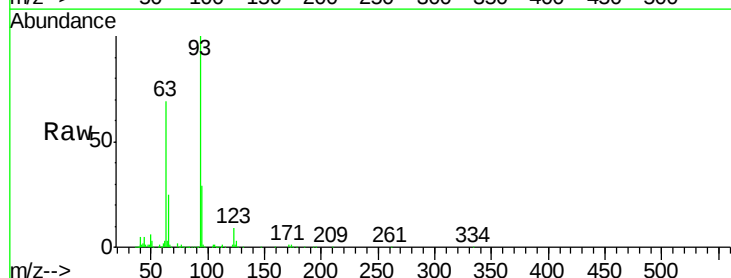
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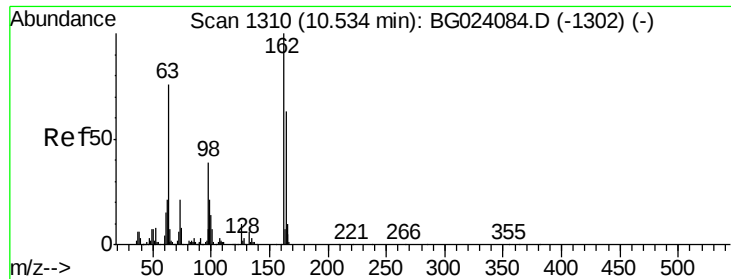
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#28
bis(2-Chloroethoxy)methane
Concen: 50.89 ng
RT: 10.26 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BG024164.D
Acq: 30 Sep 2016 18:05

Tgt Ion	Ratio	Lower	Upper
93	100		
95	28.8	25.4	38.2
123	8.9	8.2	12.2





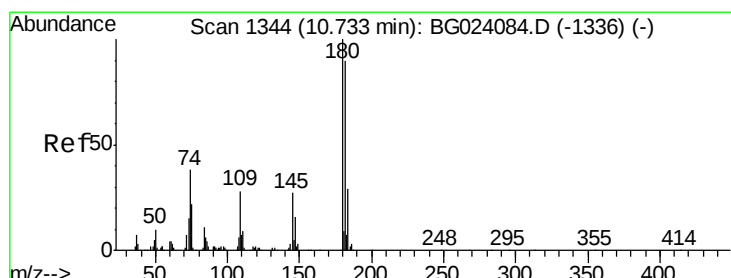
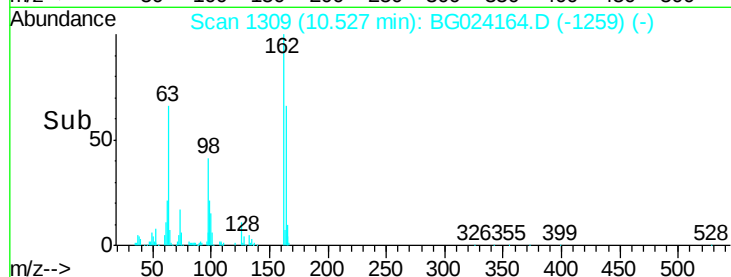
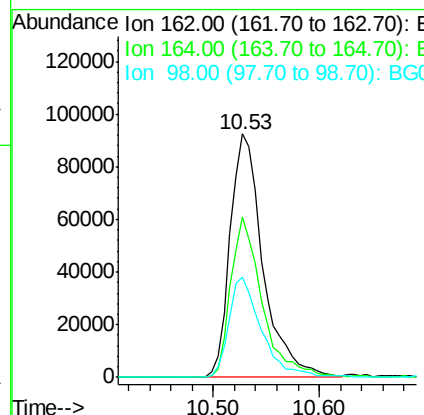
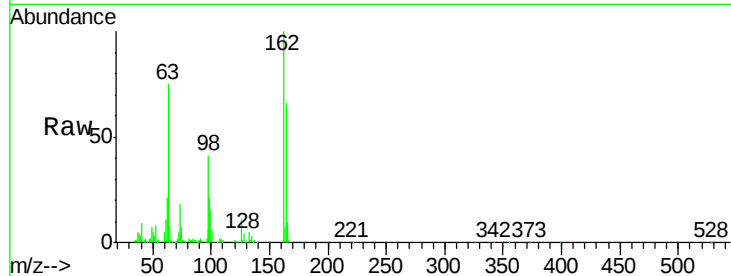
#29
 2,4-Dichlorophenol
 Concen: 56.02 ng
 RT: 10.53 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BG024164.D
 Acq: 30 Sep 2016 18:05

Instrument :
 BNA_G
 ClientSampleId :
 SUP-B046-3-6MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.9	44.3	84.3
98	41.3	19.5	59.5

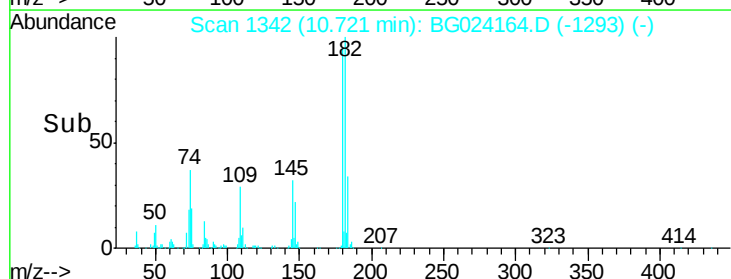
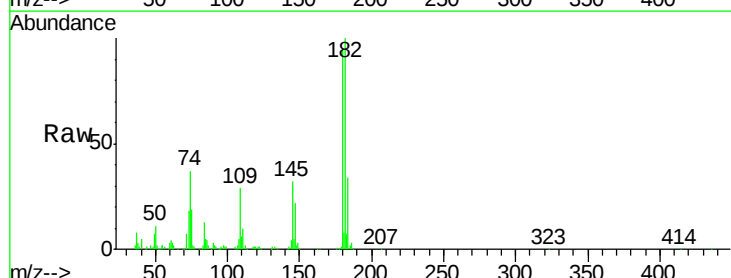
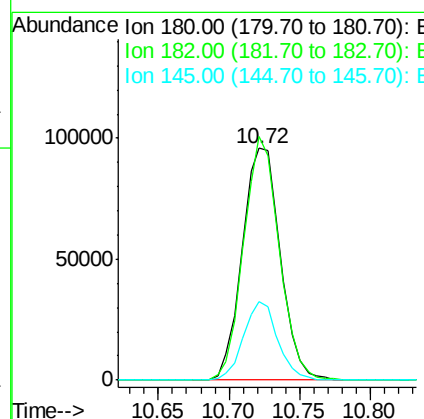
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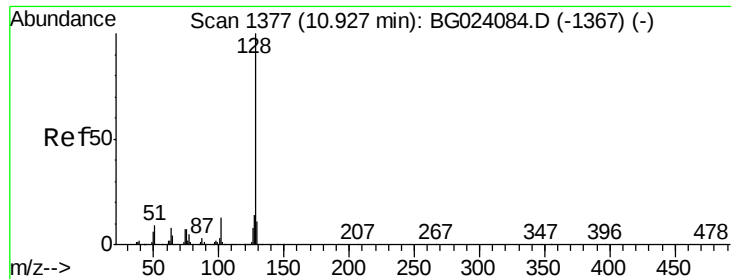
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#30
 1,2,4-Trichlorobenzene
 Concen: 47.49 ng
 RT: 10.72 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BG024164.D
 Acq: 30 Sep 2016 18:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	105.0	73.8	110.8
145	33.8	24.4	36.6





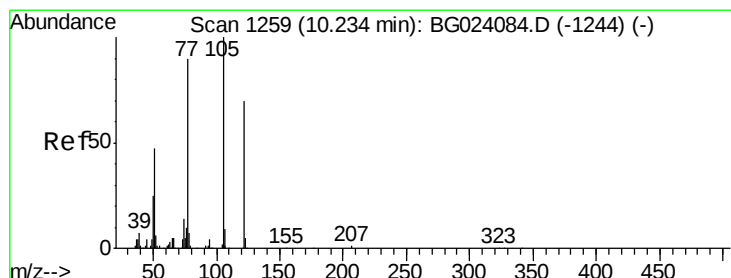
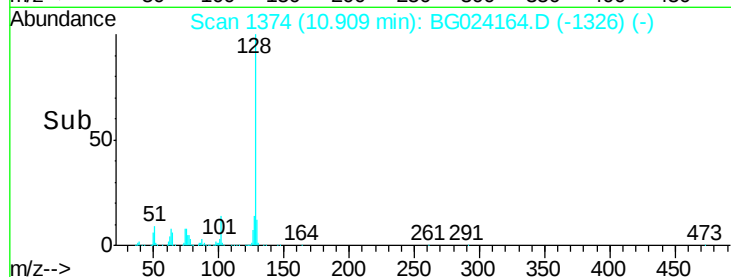
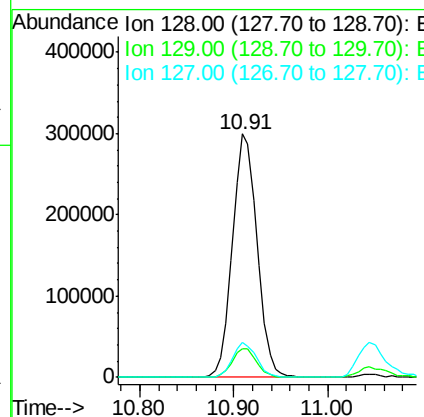
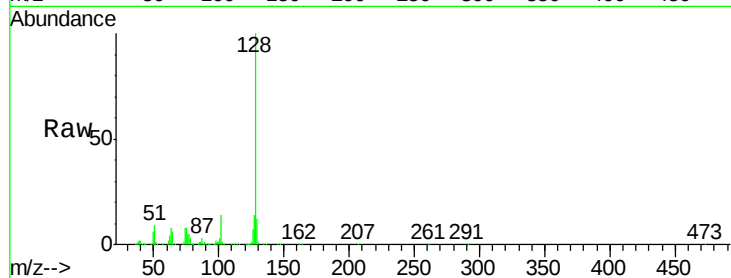
#31
Naphthalene
Concen: 50.65 ng
RT: 10.91 min Scan# 1374
Delta R.T. -0.02 min
Lab File: BG024164.D
Acq: 30 Sep 2016 18:05

Instrument :
BNA_G
ClientSampleId :
SUP-B046-3-6MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	544445		
129	11.6		9.4	14.0
127	14.1		11.3	16.9

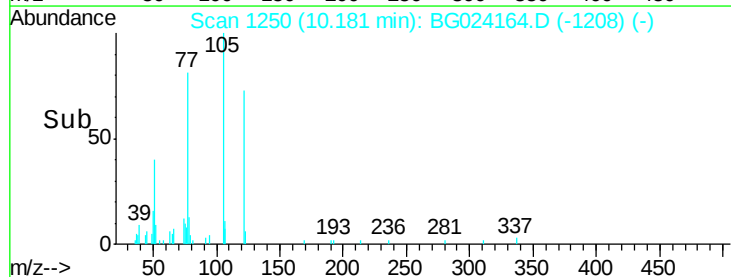
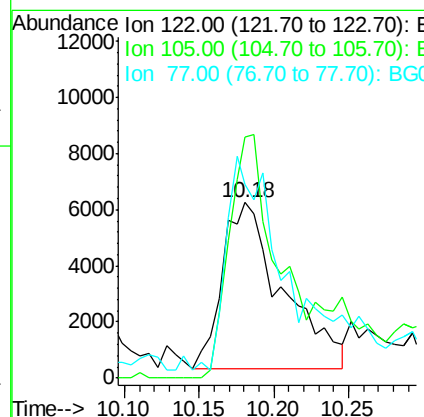
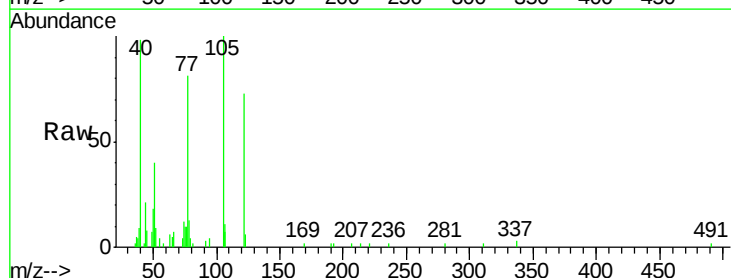
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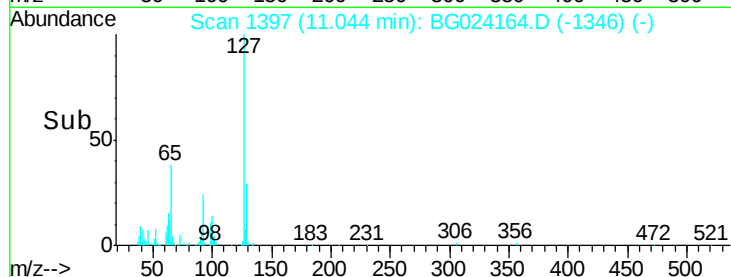
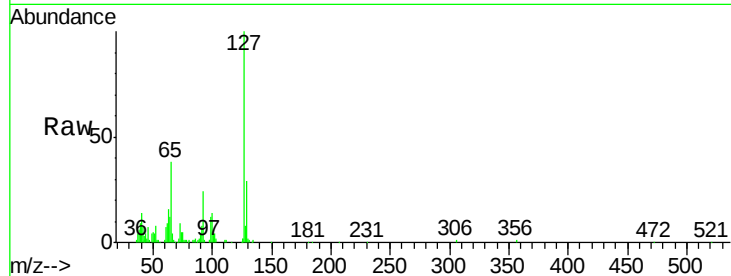
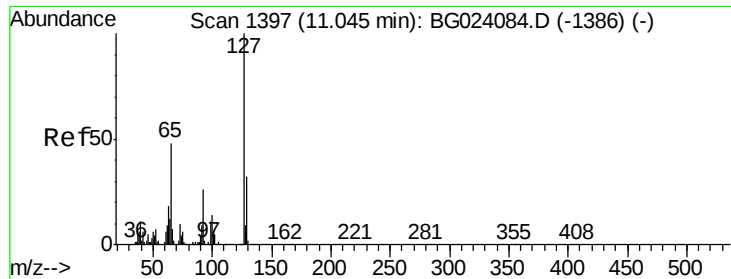
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#32
Benzoic acid
Concen: 8.88 ng
RT: 10.18 min Scan# 1250
Delta R.T. -0.05 min
Lab File: BG024164.D
Acq: 30 Sep 2016 18:05

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	16809		
105	137.1		117.2	157.2
77	110.5		109.2	149.2





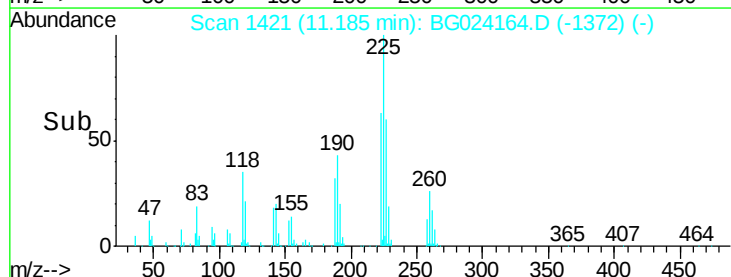
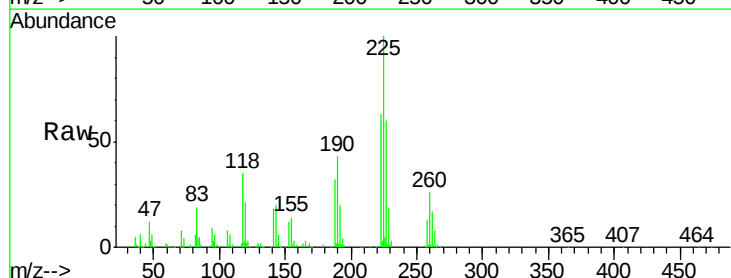
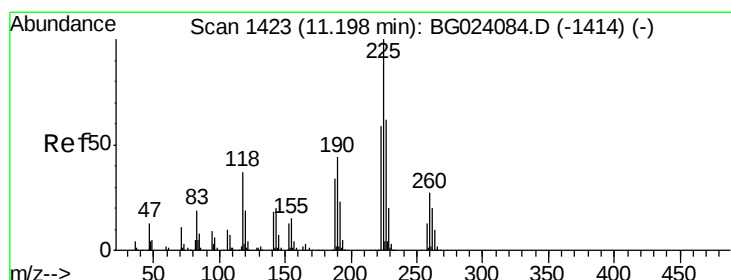
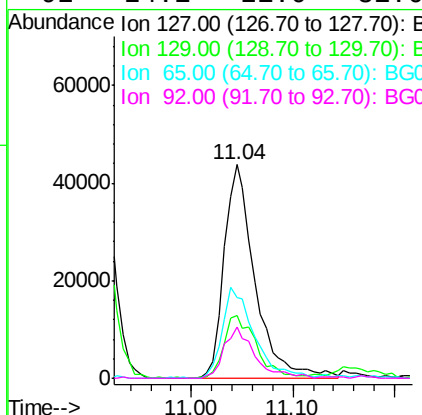
#33
4-Chloroaniline
Concen: 19.28 ng
RT: 11.04 min Scan# 1397
Delta R.T. -0.00 min
Lab File: BG024164.D
Acq: 30 Sep 2016 18:05

Instrument :
BNA_G
ClientSampleId :
SUP-B046-3-6MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	29.1	27.9	41.9		
65	37.7	36.8	55.2		
92	24.1	21.0	31.6		

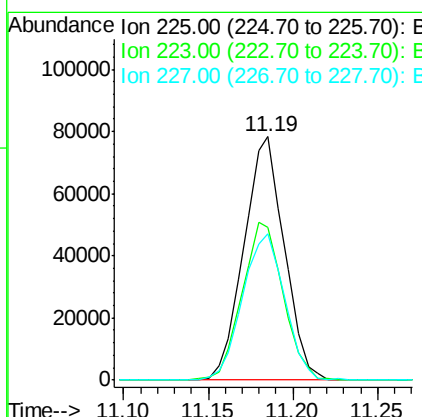
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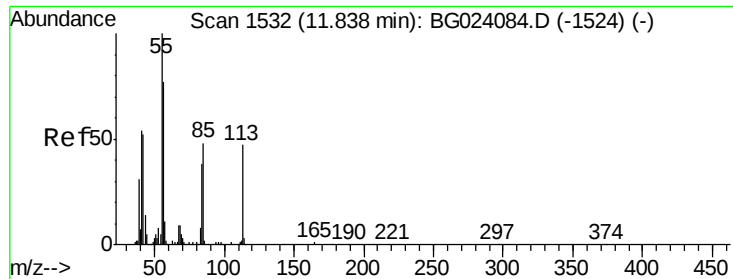
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#34
Hexachlorobutadiene
Concen: 43.24 ng
RT: 11.19 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BG024164.D
Acq: 30 Sep 2016 18:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.6	49.6	74.4		
227	60.2	54.5	81.7		





#35

Caprolactam

Concen: 52.95 ng/mL

RT: 11.83 min Scan# 1530

Delta R.T. -0.01 min

Lab File: BG024164.D

Acq: 30 Sep 2016 18:05

Instrument :

BNA_G

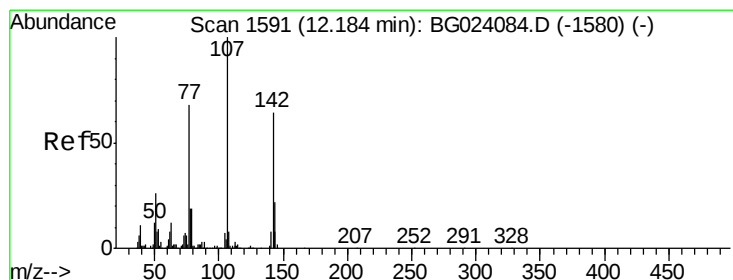
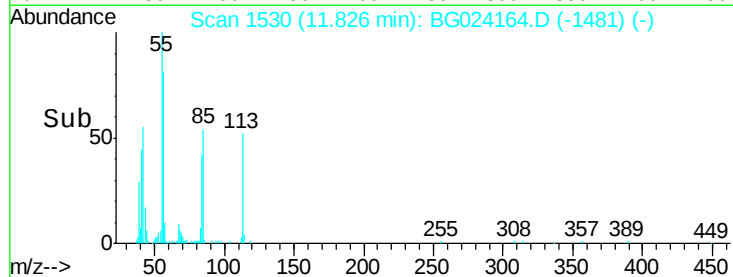
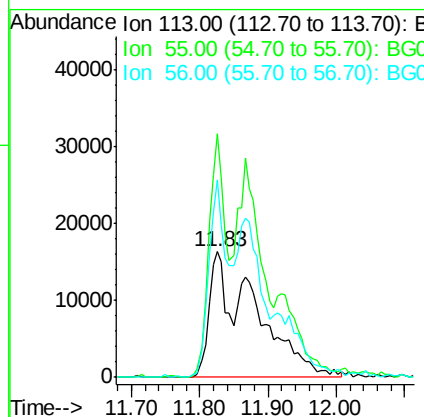
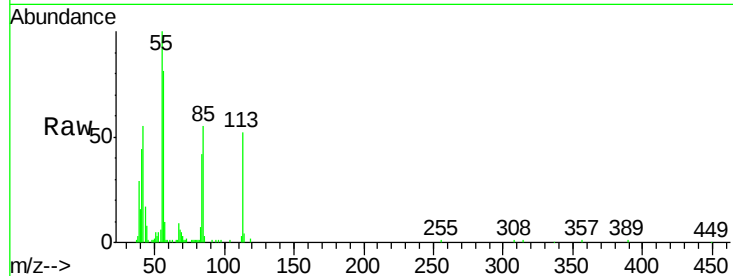
ClientSampleId :

SUP-B046-3-6MSD

Tot Ion:	113	Resp:	76737
Ion Ratio	Lower	Upper	
113	100		
55	193.9	154.5	194.5
56	157.6	125.1	165.1

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#36

4-Chloro-3-methylphenol

Concen: 50.85 ng/mL

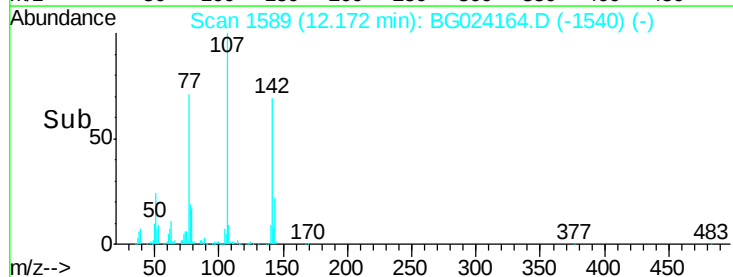
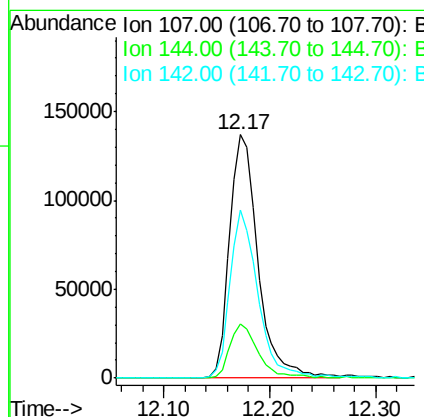
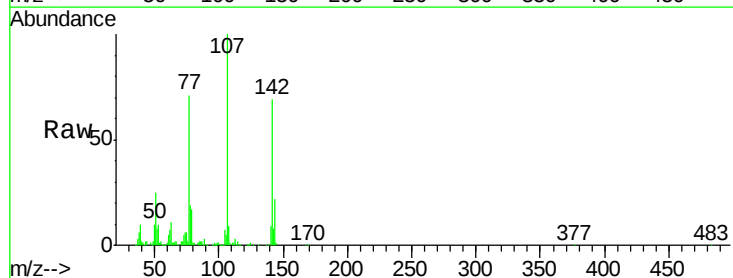
RT: 12.17 min Scan# 1589

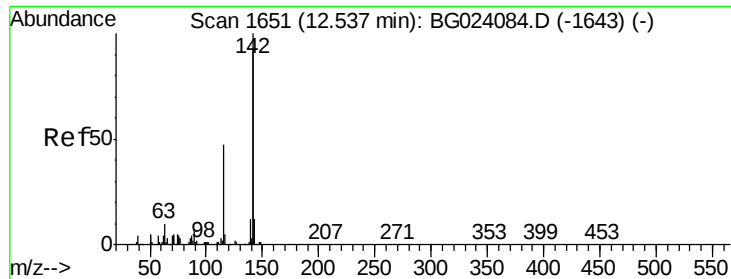
Delta R.T. -0.01 min

Lab File: BG024164.D

Acq: 30 Sep 2016 18:05

Tgt Ion:	107	Resp:	254904
Ion Ratio	Lower	Upper	
107	100		
144	22.2	17.0	25.6
142	69.1	53.0	79.6





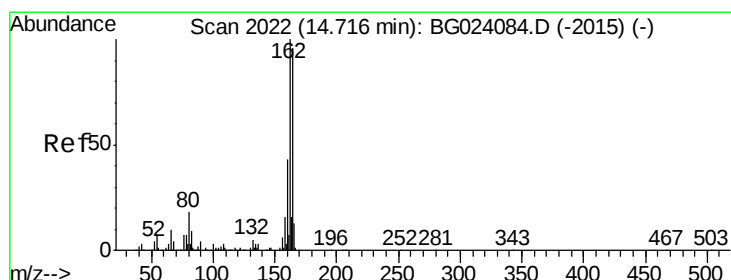
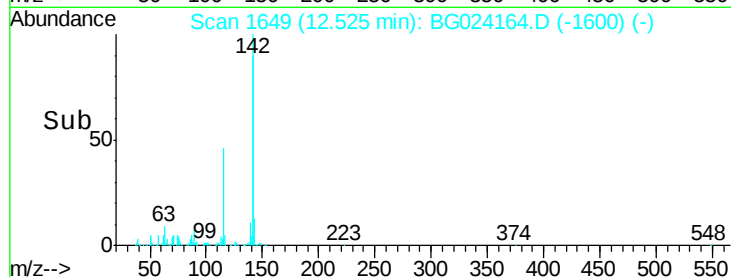
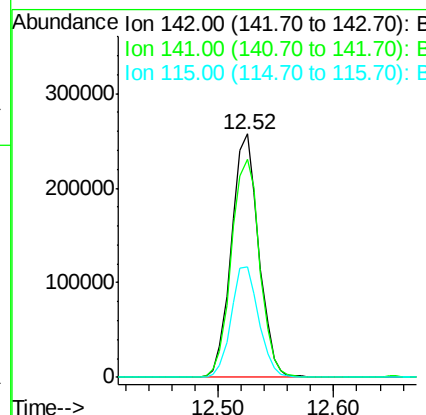
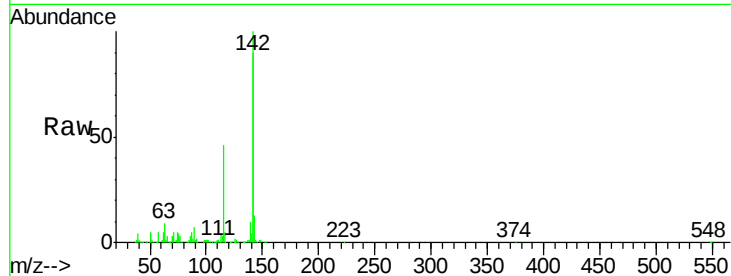
#37
2-Methylnaphthalene
Concen: 51.18 ng
RT: 12.52 min Scan# 1649
Delta R.T. -0.01 min
Lab File: BG024164.D
Acq: 30 Sep 2016 18:05

Instrument :
BNA_G
ClientSampleId :
SUP-B046-3-6MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.2	105.2
115	45.6	41.7	62.5

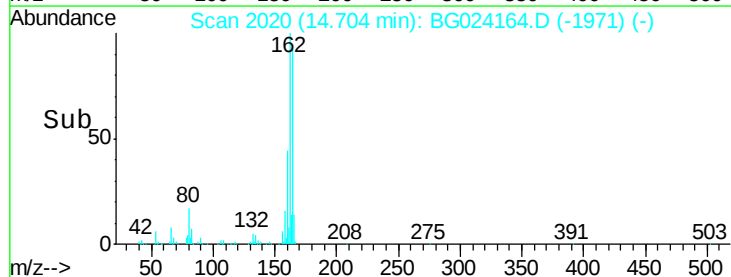
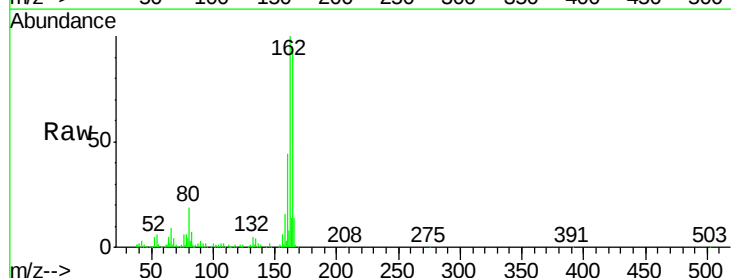
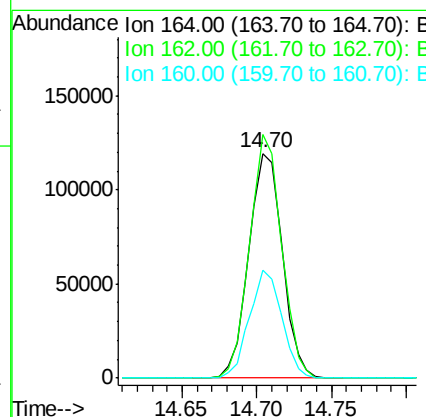
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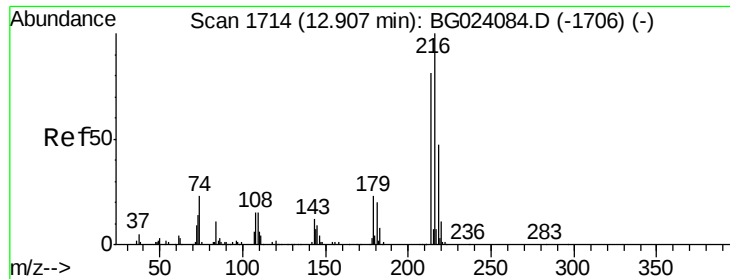
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.70 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BG024164.D
Acq: 30 Sep 2016 18:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.4	87.7	131.5
160	48.0	37.2	55.8





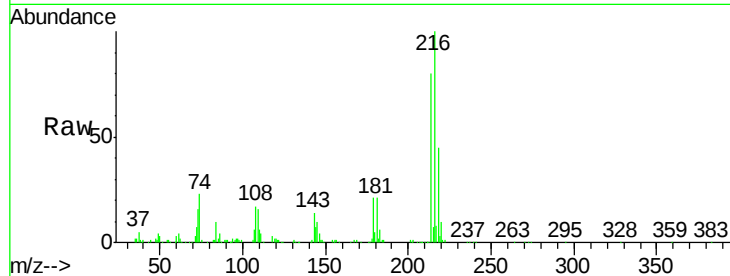
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.29 ng
 RT: 12.89 min Scan# 1712
 Delta R.T. -0.01 min
 Lab File: BG024164.D
 Acq: 30 Sep 2016 18:05

Instrument :
 BNA_G
 ClientSampleId :
 SUP-B046-3-6MSD

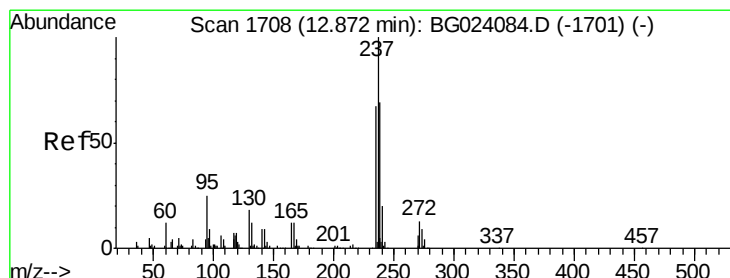
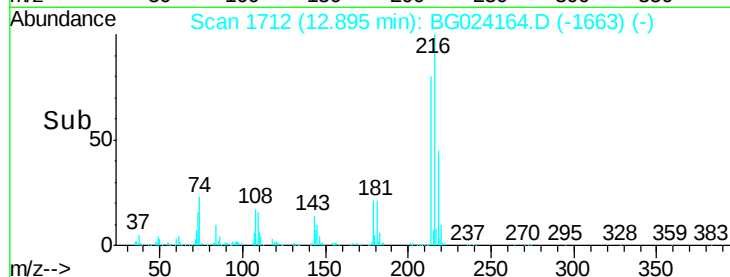
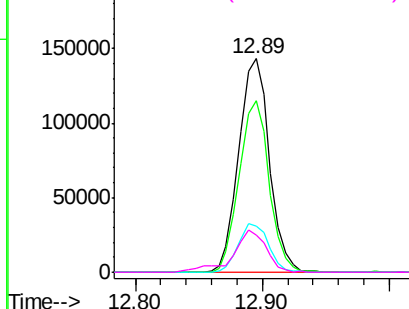
Tot Ion	Ratio	Lower	Upper
216	100		
214	78.7	62.9	94.3
179	22.6	17.2	25.8
108	21.5	16.3	24.5

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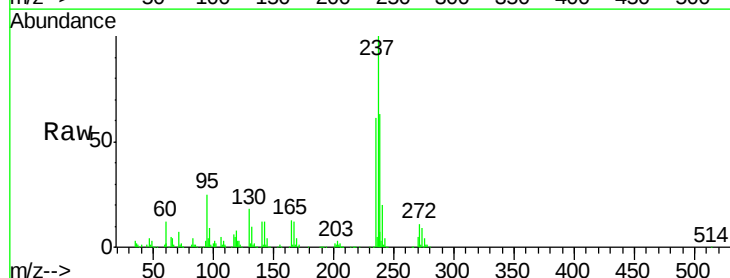


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

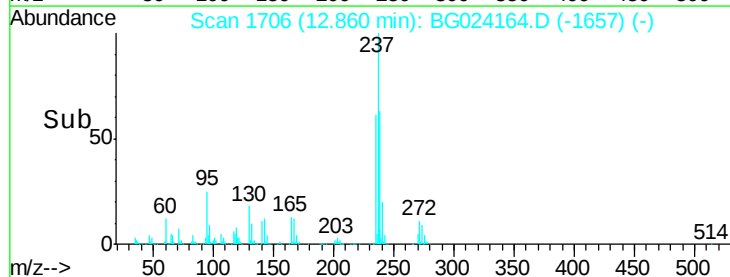
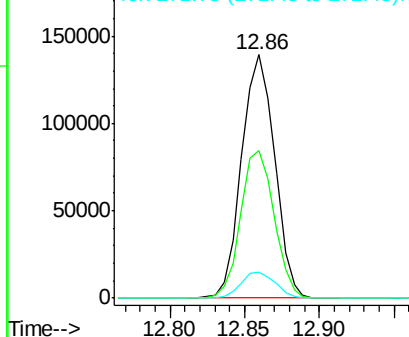


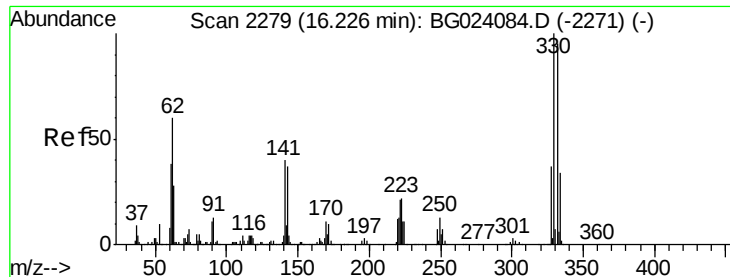
#40
 Hexachlorocyclopentadiene
 Concen: 81.79 ng
 RT: 12.86 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BG024164.D
 Acq: 30 Sep 2016 18:05

Tgt Ion	Ratio	Lower	Upper
237	100		
235	60.7	43.1	83.1
272	10.7	0.0	30.9



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





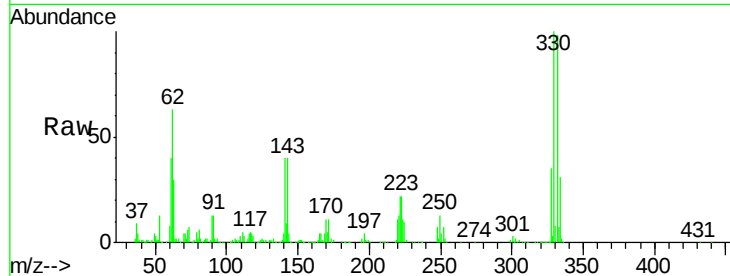
#41
 2,4,6-Tribromophenol
 Concen: 124.20 ng
 RT: 16.21 min Scan# 2277
 Delta R.T. -0.01 min
 Lab File: BG024164.D
 Acq: 30 Sep 2016 18:05

Instrument :
 BNA_G
 ClientSampleId :
 SUP-B046-3-6MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	330923		
332	97.0		77.4	116.2
141	44.5		31.7	47.5

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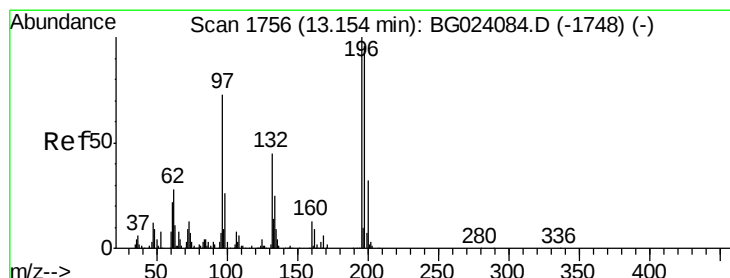
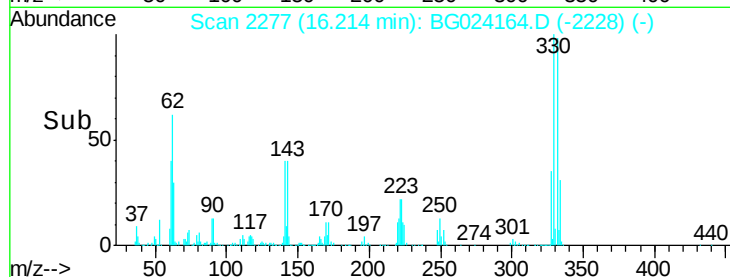
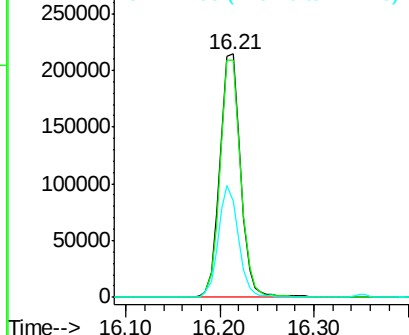


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 48.55 ng
 RT: 13.15 min Scan# 1755
 Delta R.T. -0.01 min
 Lab File: BG024164.D
 Acq: 30 Sep 2016 18:05

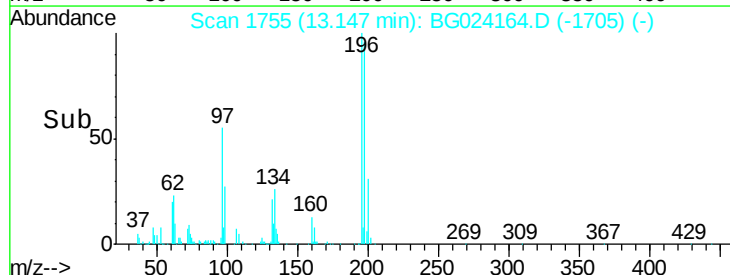
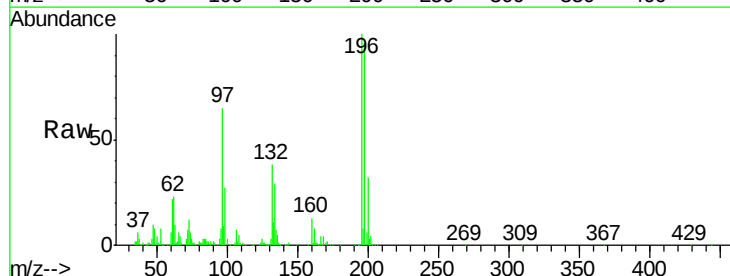
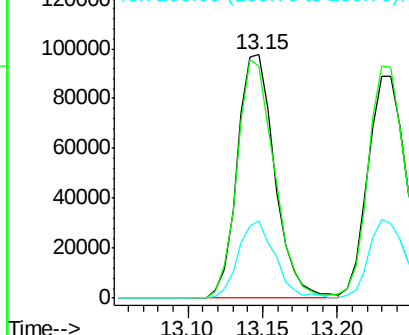
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	169928		
198	95.5		78.2	117.2
200	31.7		27.0	40.4

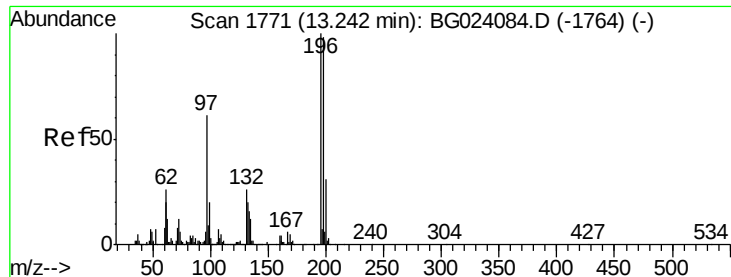
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





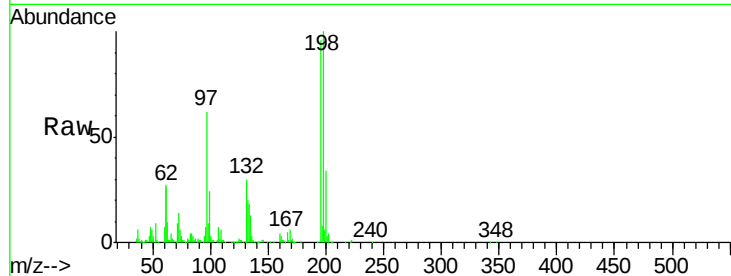
#43
 2,4,5-Trichlorophenol
 Concen: 48.46 ng
 RT: 13.23 min Scan# 1769
 Delta R.T. -0.01 min
 Lab File: BG024164.D
 Acq: 30 Sep 2016 18:05

Instrument :
 BNA_G
 ClientSampleId :
 SUP-B046-3-6MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100				
198	104.3	85.7	128.5		
97	64.3	45.5	68.3		
132	31.5	18.9	28.3		

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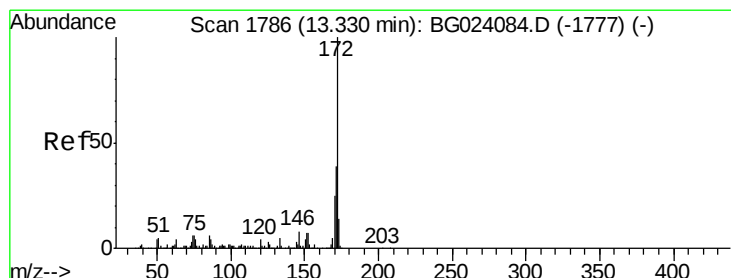
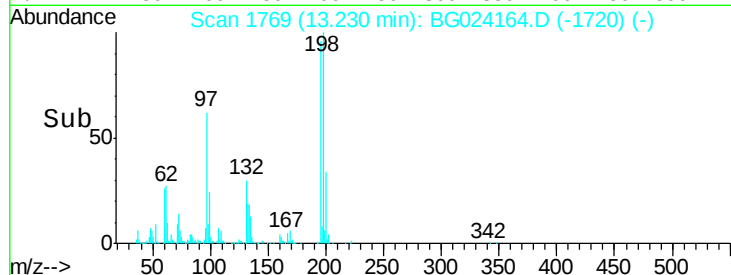
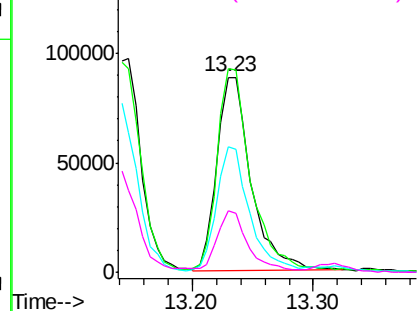
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BG

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 88.86 ng
 RT: 13.32 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: BG024164.D
 Acq: 30 Sep 2016 18:05

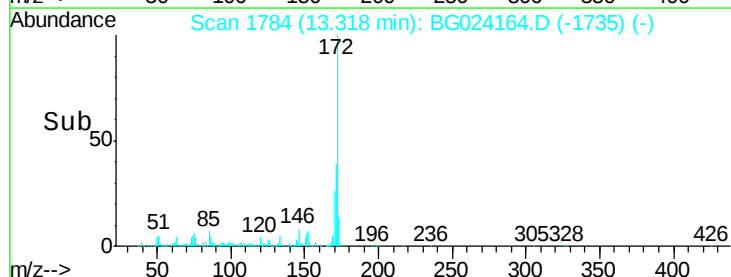
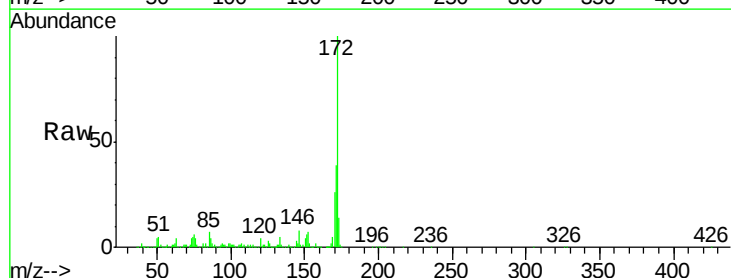
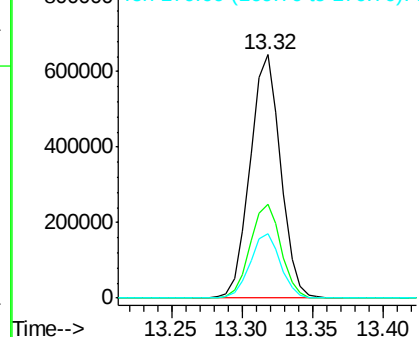
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100				
171	38.5	31.6	47.4		
170	26.3	21.3	31.9		

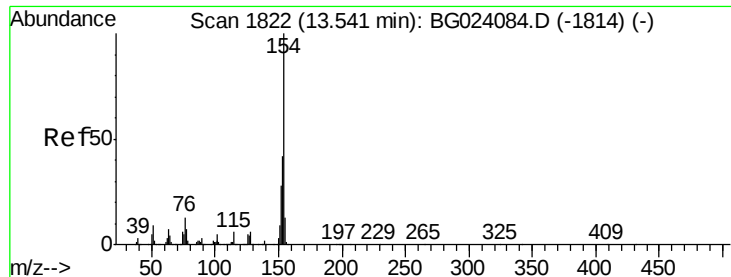
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





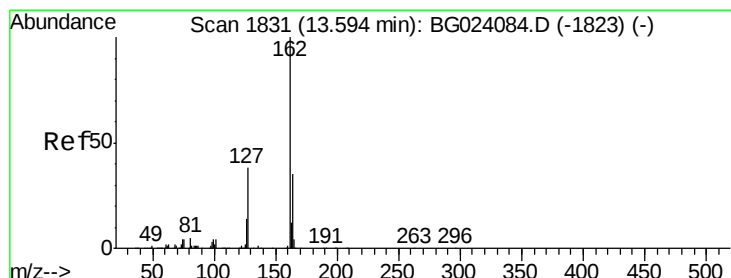
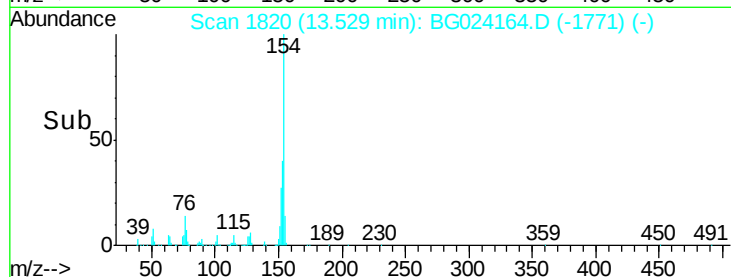
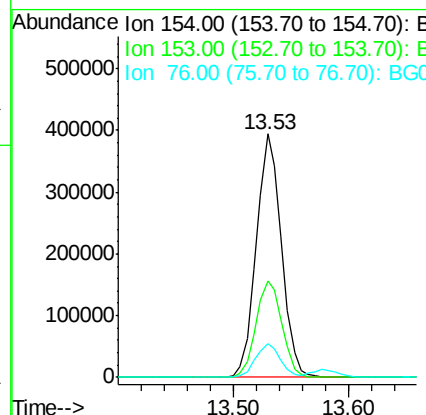
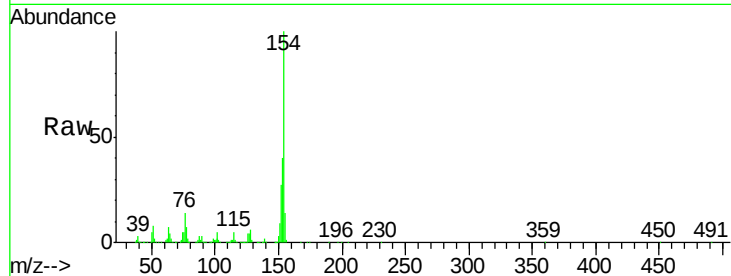
#45
 1,1'-Biphenyl
 Concen: 47.08 ng
 RT: 13.53 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BG024164.D
 Acq: 30 Sep 2016 18:05

Instrument :
 BNA_G
 ClientSampleId :
 SUP-B046-3-6MSD

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	39.7	20.2	60.2	
76	13.9	0.0	32.9	

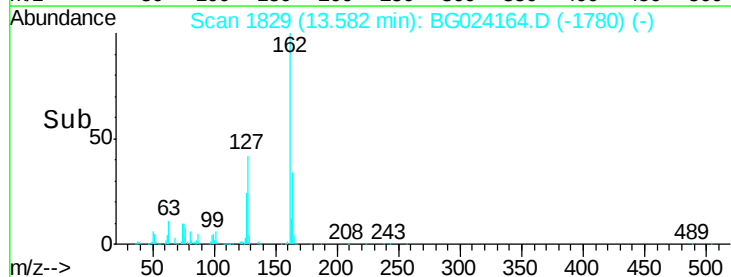
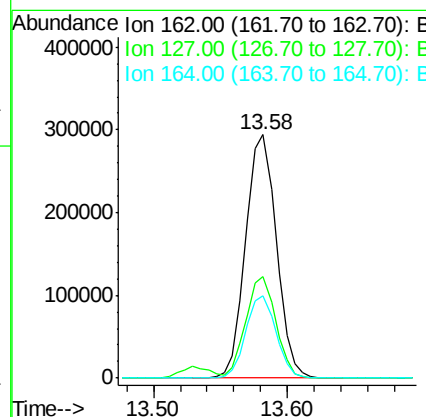
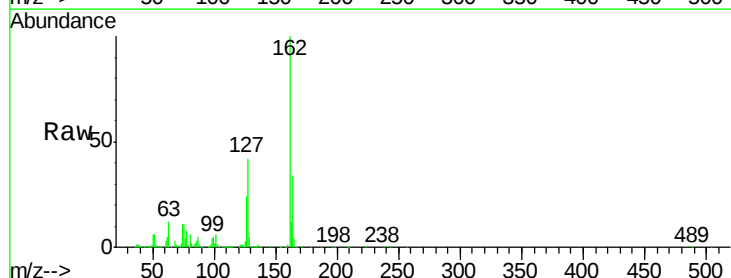
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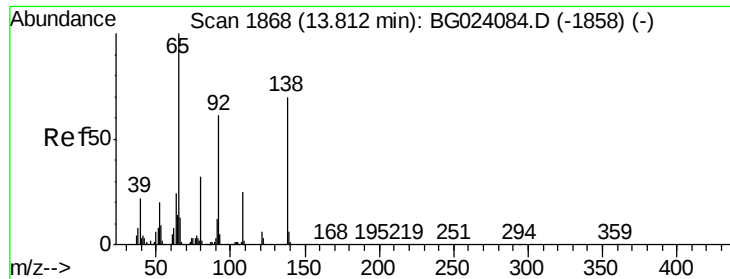
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#46
 2-Chloronaphthalene
 Concen: 49.36 ng
 RT: 13.58 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BG024164.D
 Acq: 30 Sep 2016 18:05

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	41.6	32.4	48.6	
164	33.8	25.2	37.8	





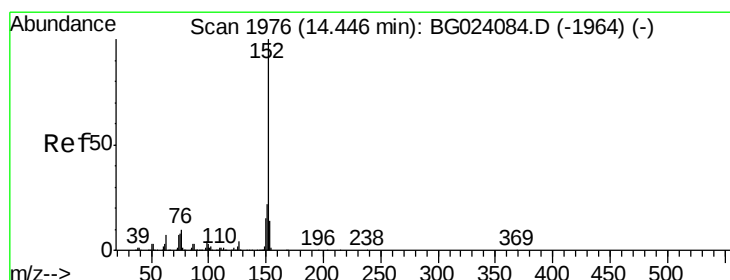
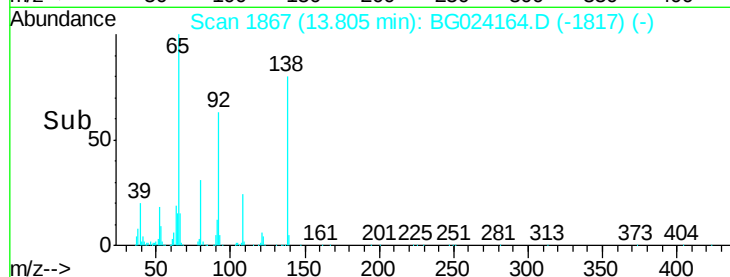
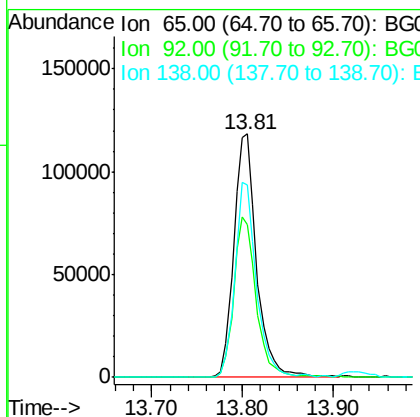
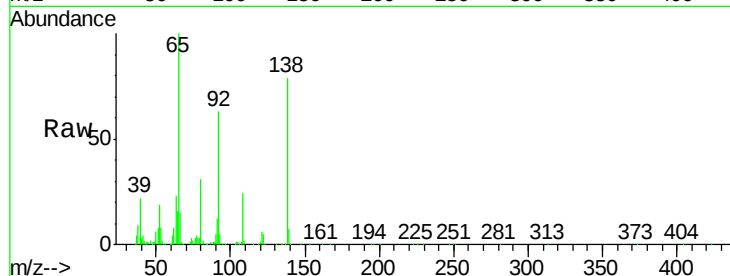
#47
2-Nitroaniline
Concen: 47.26 ng
RT: 13.81 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BG024164.D
Acq: 30 Sep 2016 18:05

Instrument :
BNA_G
ClientSampleId :
SUP-B046-3-6MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	62.6	49.4	74.0
138	79.0	58.0	87.0

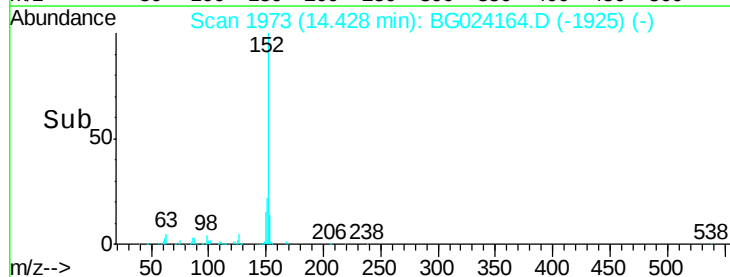
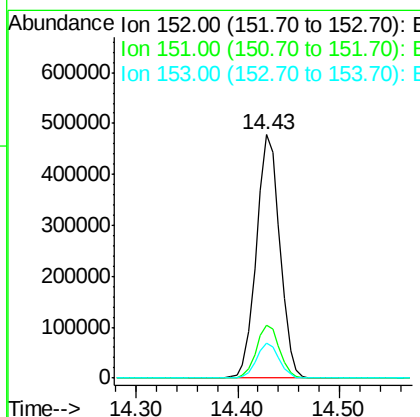
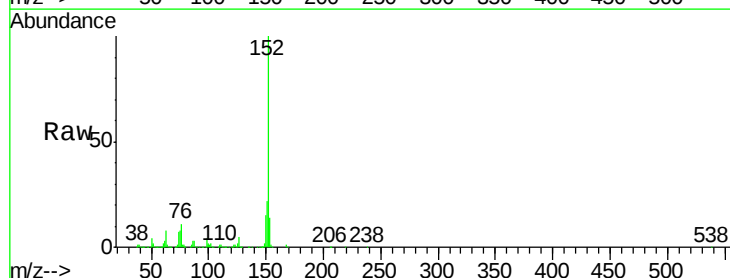
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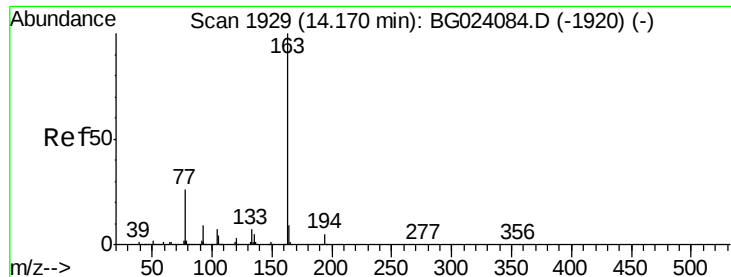
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#48
Acenaphthylene
Concen: 47.63 ng
RT: 14.43 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BG024164.D
Acq: 30 Sep 2016 18:05

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.5	17.6	26.4
153	14.4	11.4	17.2





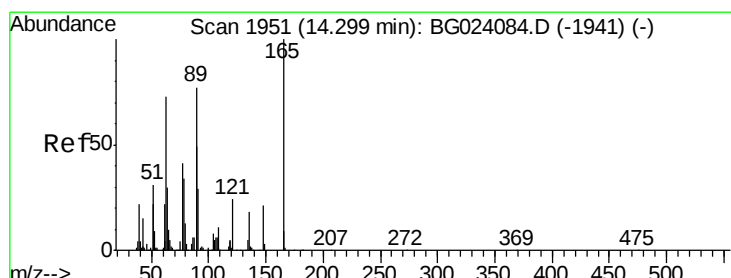
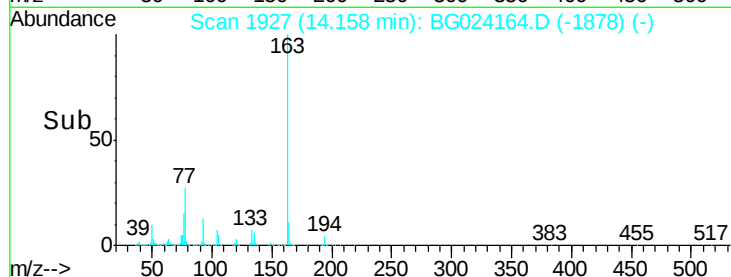
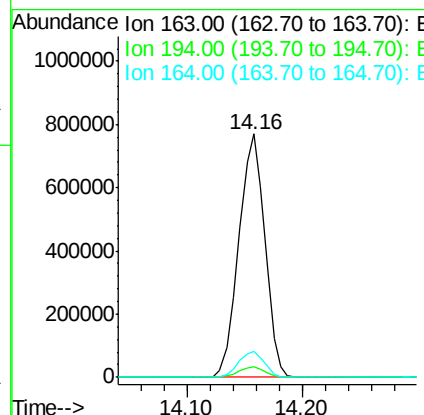
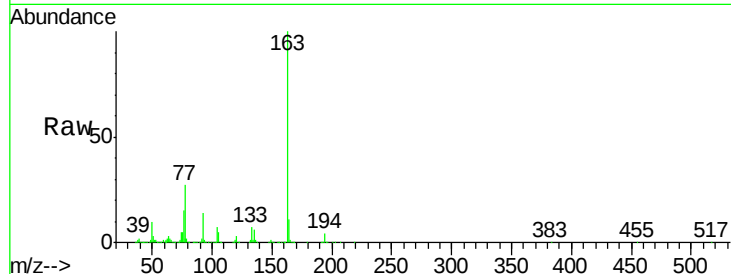
#49
Dimethylphthalate
Concen: 84.33 ng
RT: 14.16 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BG024164.D
Acq: 30 Sep 2016 18:05

Instrument :
BNA_G
ClientSampleId :
SUP-B046-3-6MSD

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.6	5.4
164	10.7	8.1	12.1

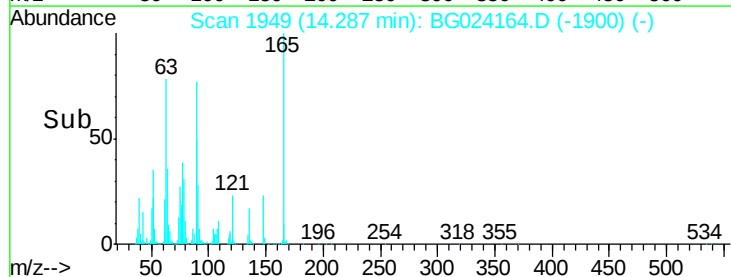
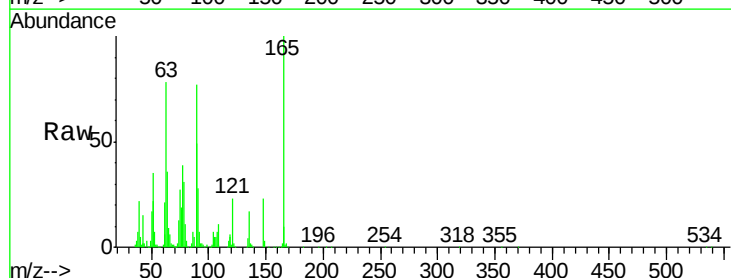
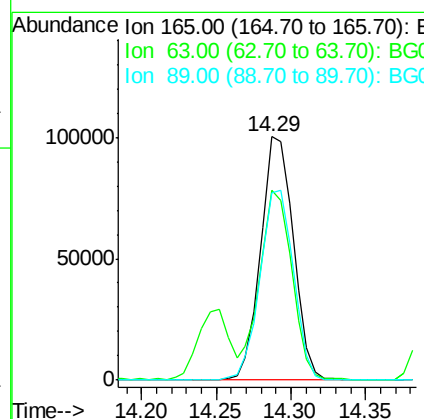
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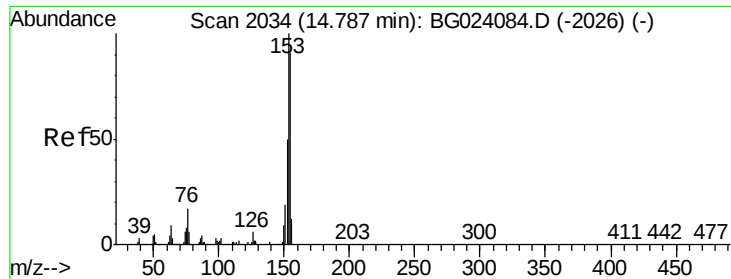
sohil
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#50
2,6-Dinitrotoluene
Concen: 50.55 ng
RT: 14.29 min Scan# 1949
Delta R.T. -0.01 min
Lab File: BG024164.D
Acq: 30 Sep 2016 18:05

Tgt Ion	Ratio	Lower	Upper
165	100		
63	77.8	64.3	96.5
89	76.8	64.3	96.5





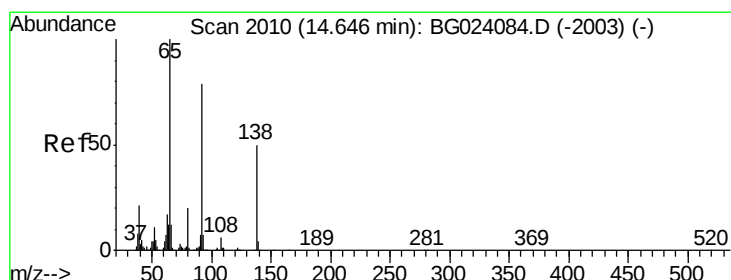
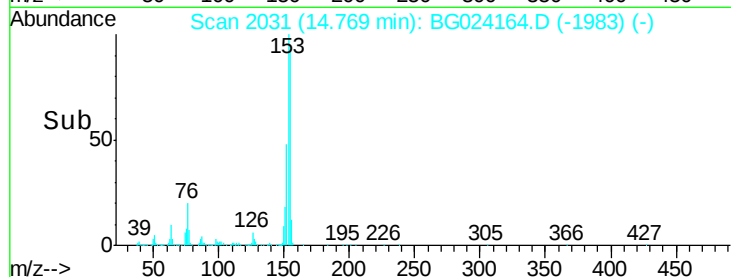
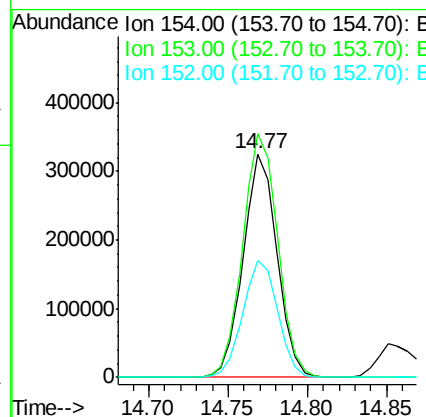
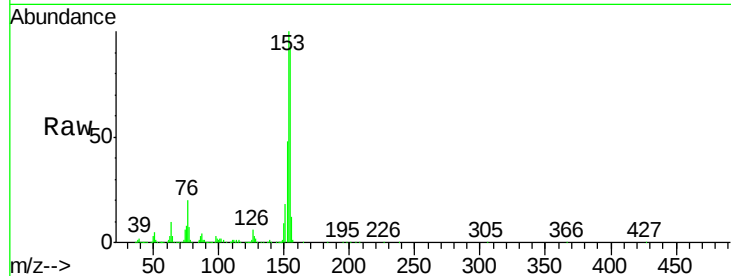
#51
Acenaphthene
Concen: 49.34 ng
RT: 14.77 min Scan# 2031
Delta R.T. -0.02 min
Lab File: BG024164.D
Acq: 30 Sep 2016 18:05

Instrument :
BNA_G
ClientSampleId :
SUP-B046-3-6MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	109.0	87.5	131.3
152	52.3	42.7	64.1

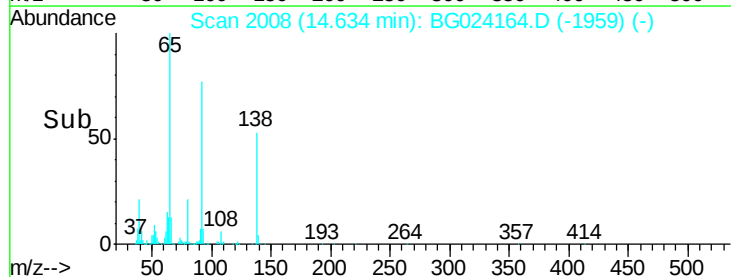
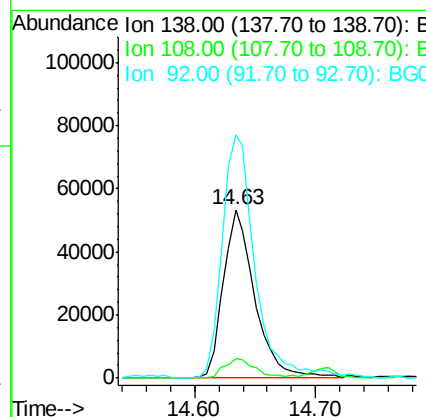
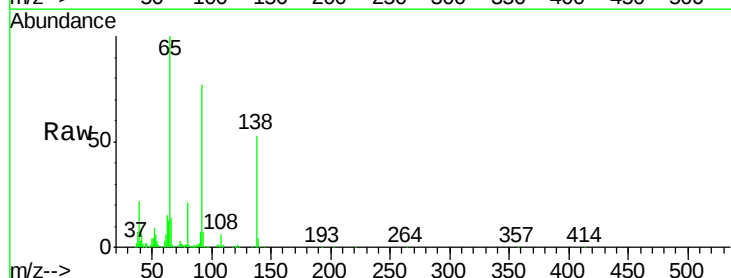
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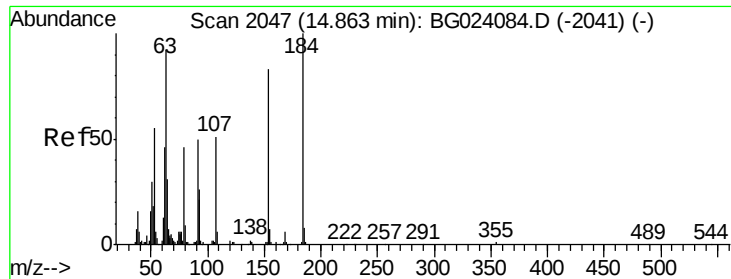
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#52
3-Nitroaniline
Concen: 32.19 ng
RT: 14.63 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BG024164.D
Acq: 30 Sep 2016 18:05

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.8	11.7	17.5
92	144.8	129.7	194.5





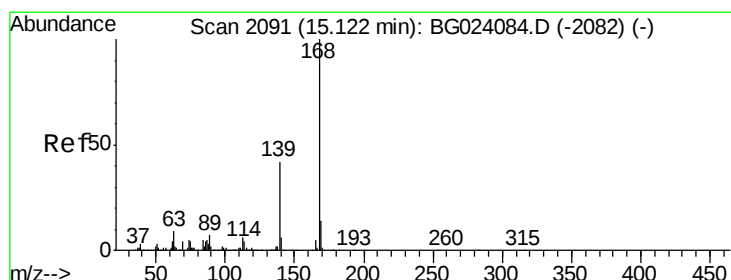
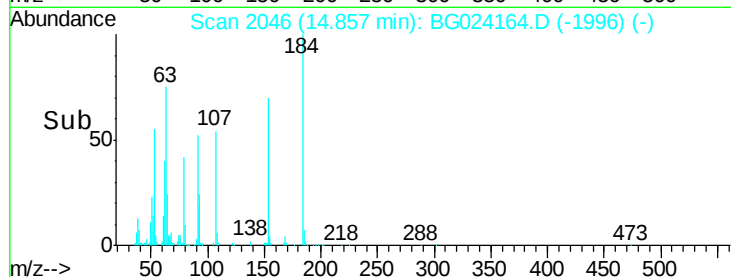
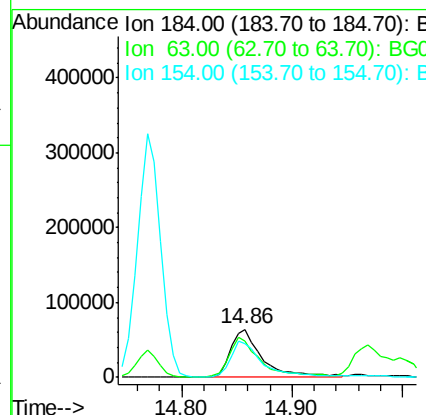
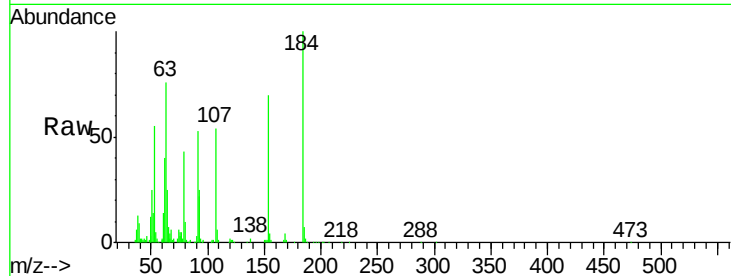
#53
2,4-Dinitrophenol
Concen: 63.52 ng
RT: 14.86 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BG024164.D
Acq: 30 Sep 2016 18:05

Instrument :
BNA_G
ClientSampleId :
SUP-B046-3-6MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	76.5	59.6	89.4
154	70.4	67.4	101.0

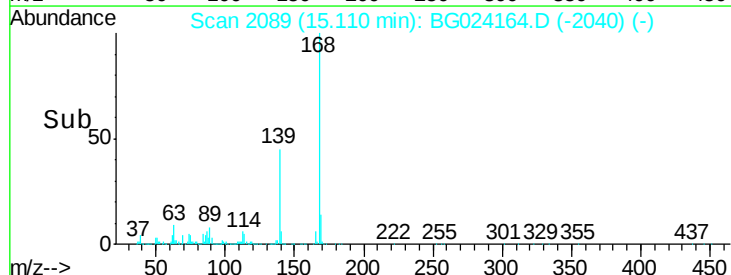
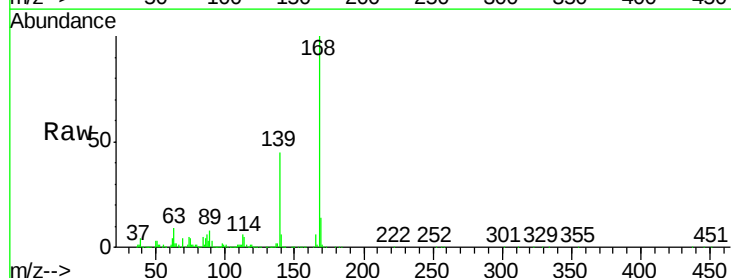
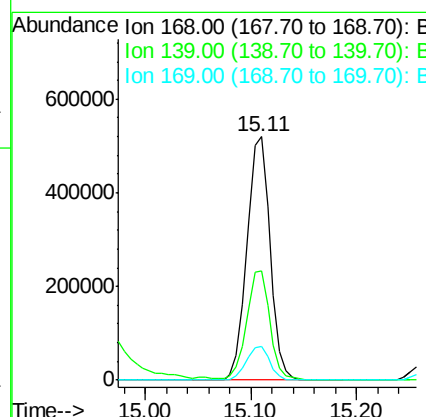
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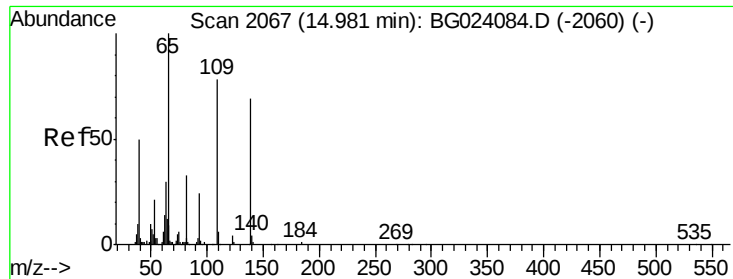
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#54
Dibenzofuran
Concen: 51.94 ng
RT: 15.11 min Scan# 2089
Delta R.T. -0.01 min
Lab File: BG024164.D
Acq: 30 Sep 2016 18:05

Tgt Ion	Ratio	Lower	Upper
168	100		
139	44.8	36.4	54.6
169	13.7	11.9	17.9





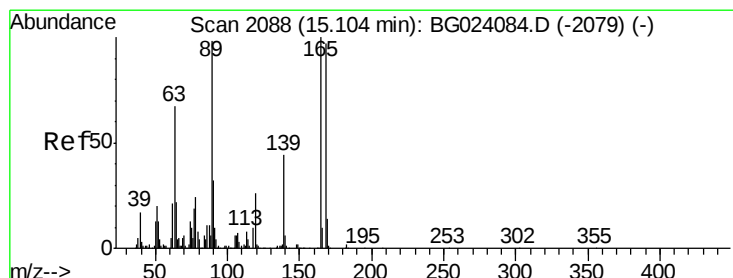
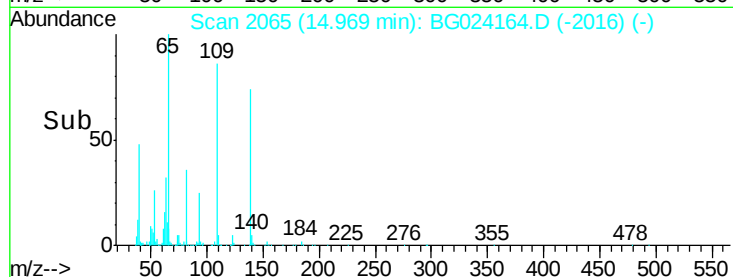
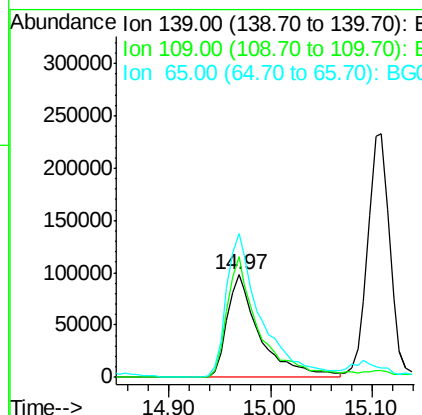
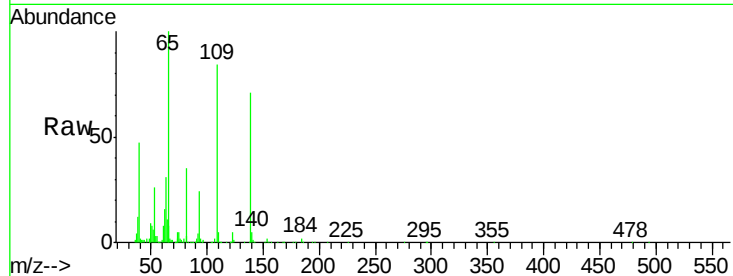
#55
4-Nitrophenol
Concen: 91.86 ng
RT: 14.97 min Scan# 2065
Delta R.T. -0.01 min
Lab File: BG024164.D
Acq: 30 Sep 2016 18:05

Instrument :
BNA_G
ClientSampleId :
SUP-B046-3-6MSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	117.2	103.0	143.0
65	139.9	112.7	152.7

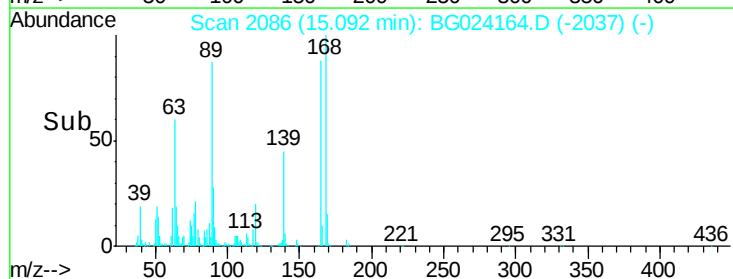
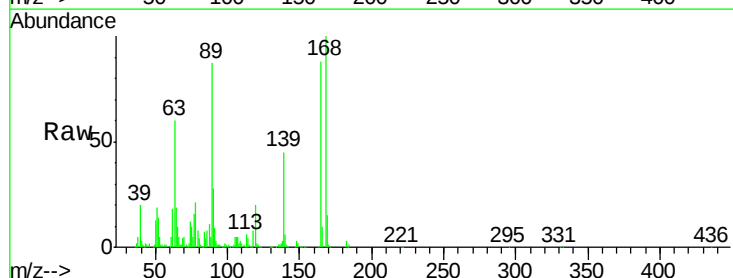
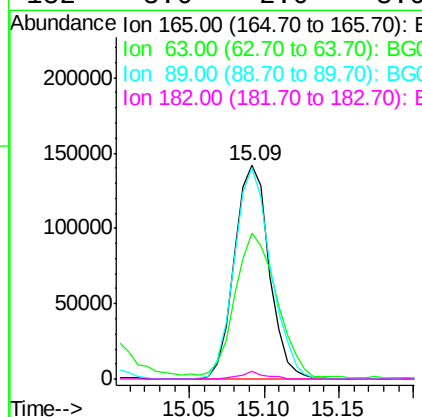
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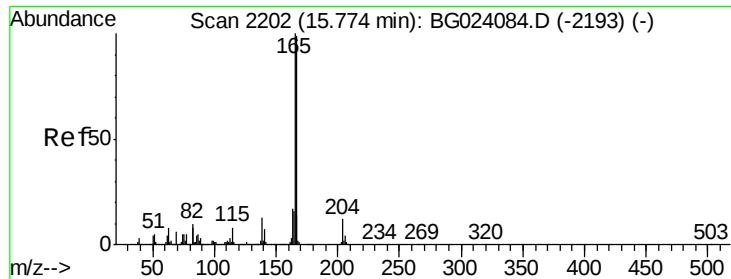
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#56
2,4-Dinitrotoluene
Concen: 50.53 ng
RT: 15.09 min Scan# 2086
Delta R.T. -0.01 min
Lab File: BG024164.D
Acq: 30 Sep 2016 18:05

Tgt Ion	Ratio	Lower	Upper
165	100		
63	68.3	45.8	68.6
89	98.8	68.6	102.8
182	3.6	2.0	3.0#





#57

Fluorene

Concen: 50.00 ng

RT: 15.76 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BG024164.D

Acq: 30 Sep 2016 18:05

Instrument :

BNA_G

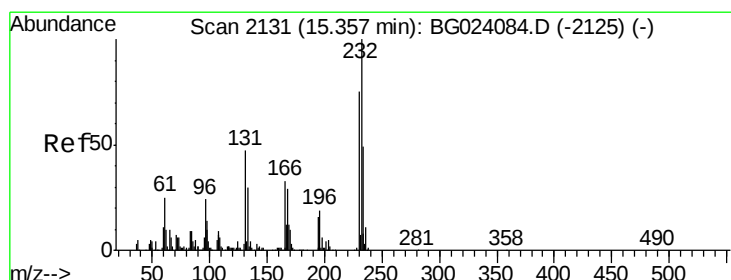
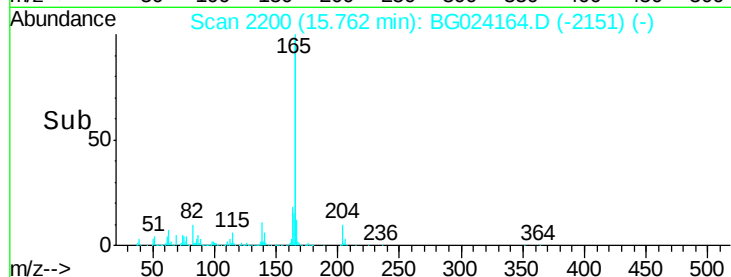
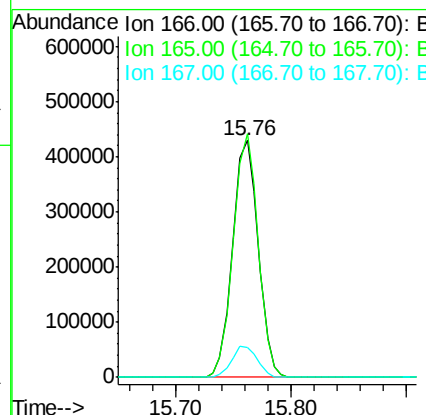
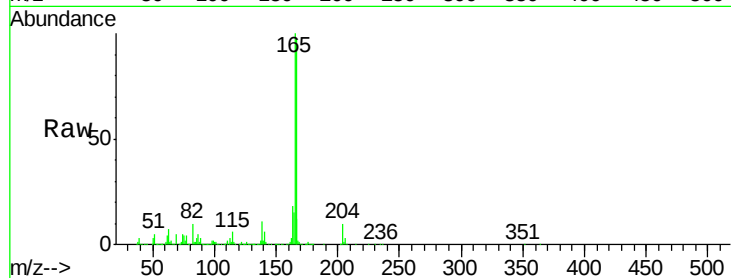
ClientSampleId :

SUP-B046-3-6MSD

Tot Ion:	166	Resp:	660379
Ion Ratio	Lower	Upper	
166	100		
165	102.9	81.0	121.6
167	12.6	12.0	18.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 52.91 ng

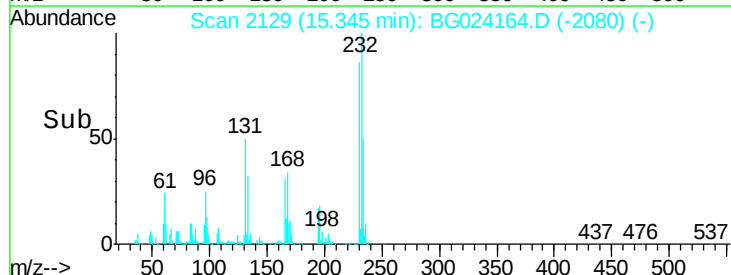
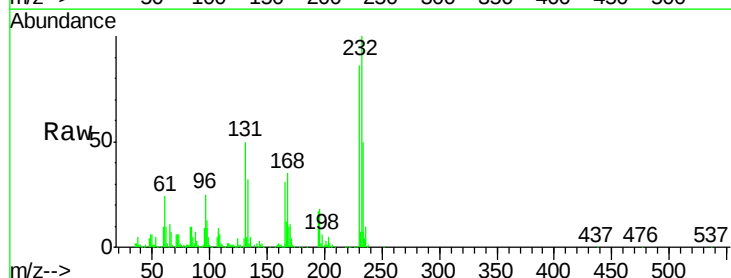
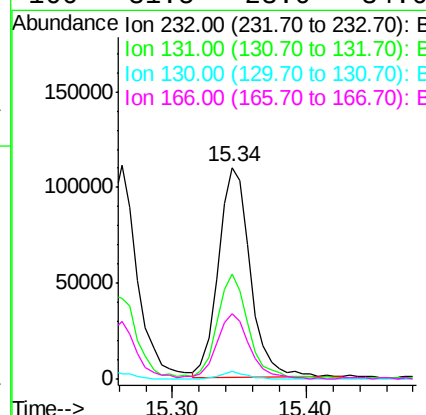
RT: 15.34 min Scan# 2129

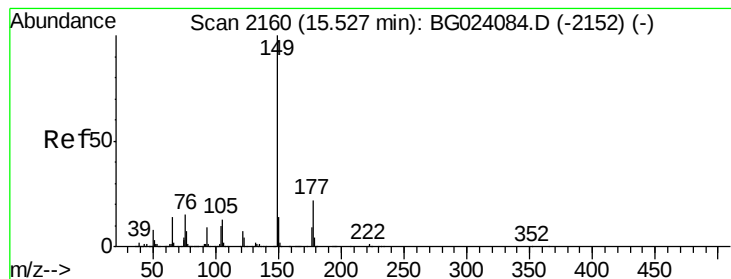
Delta R.T. -0.01 min

Lab File: BG024164.D

Acq: 30 Sep 2016 18:05

Tgt Ion:	232	Resp:	184011
Ion Ratio	Lower	Upper	
232	100		
131	48.5	32.7	49.1
130	3.0	2.6	3.8
166	31.5	23.0	34.6





#59

Diethylphthalate

Concen: 47.96 ng

RT: 15.51 min Scan# 2158

Delta R.T. -0.01 min

Lab File: BG024164.D

Acq: 30 Sep 2016 18:05

Instrument :

BNA_G

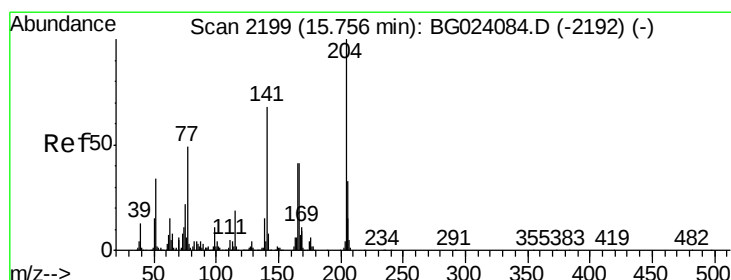
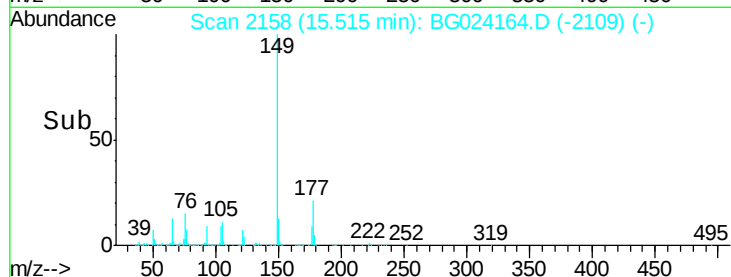
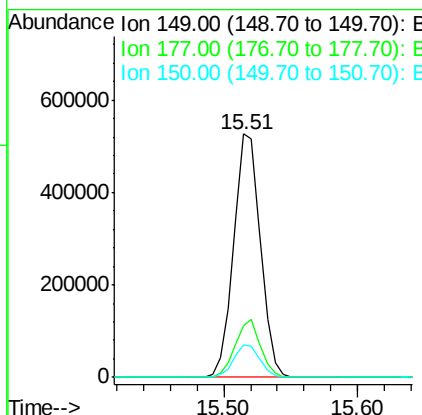
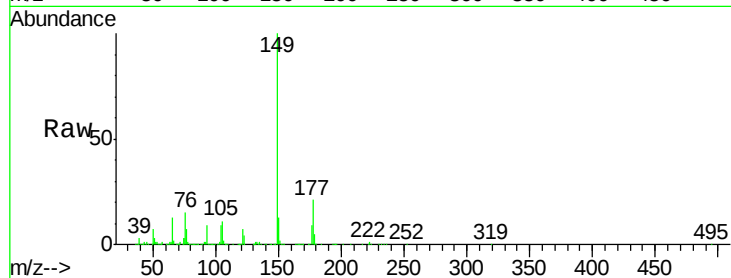
ClientSampleId :

SUP-B046-3-6MSD

Tot Ion:	149	Resp:	734502
Ion Ratio	Lower	Upper	
149	100		
177	21.3	19.2	28.8
150	13.3	10.6	16.0

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#60

4-Chlorophenyl-phenylether

Concen: 46.76 ng

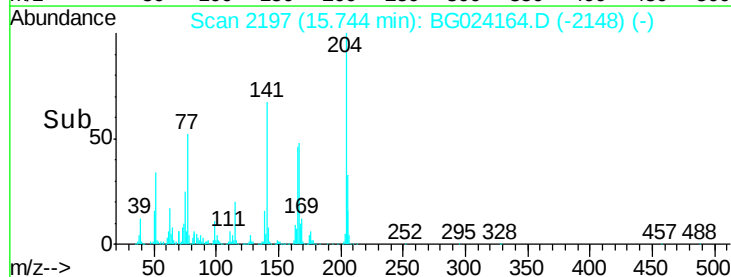
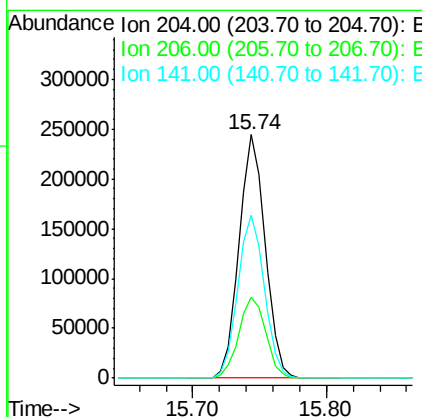
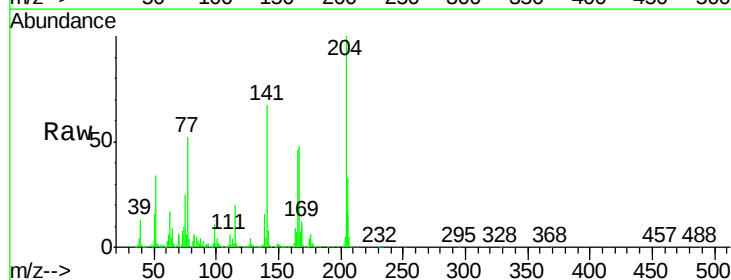
RT: 15.74 min Scan# 2197

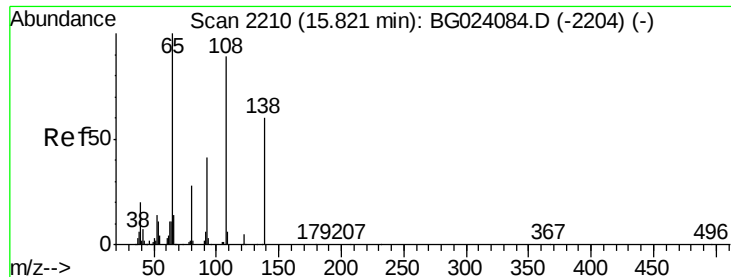
Delta R.T. -0.01 min

Lab File: BG024164.D

Acq: 30 Sep 2016 18:05

Tgt Ion:	204	Resp:	330823
Ion Ratio	Lower	Upper	
204	100		
206	33.4	28.5	42.7
141	67.1	51.4	77.0





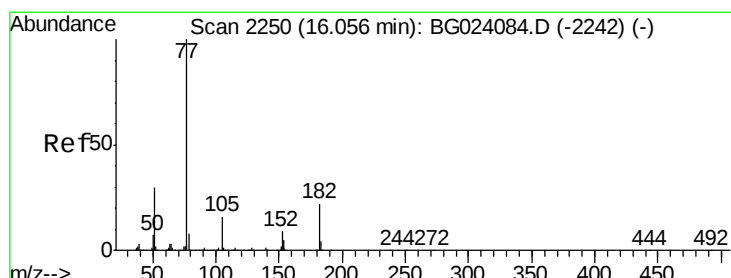
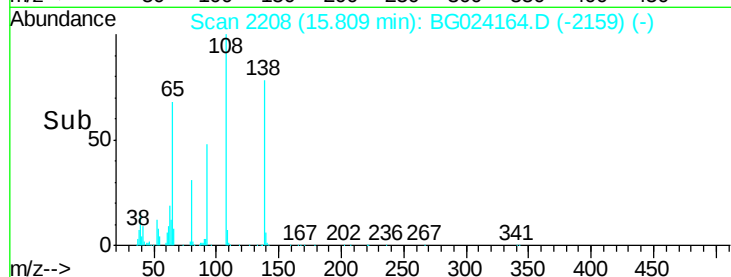
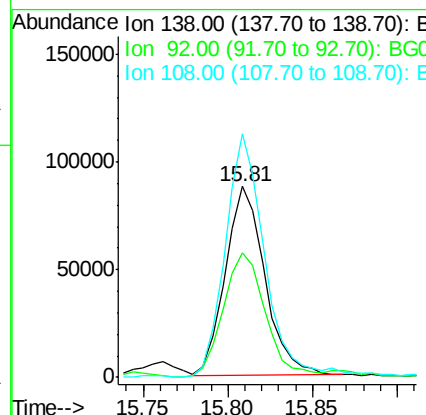
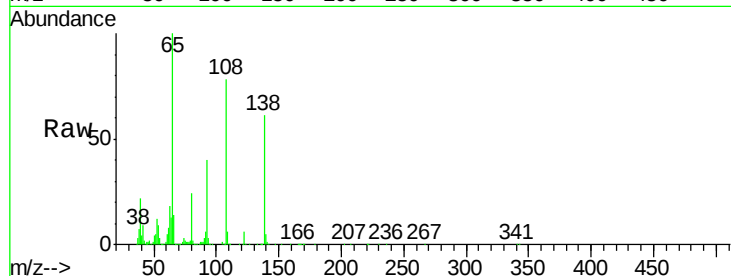
#61
4-Nitroaniline
Concen: 46.49 ng
RT: 15.81 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BG024164.D
Acq: 30 Sep 2016 18:05

Instrument :
BNA_G
ClientSampleId :
SUP-B046-3-6MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	65.6	54.1	94.1
108	127.8	133.9	173.9#

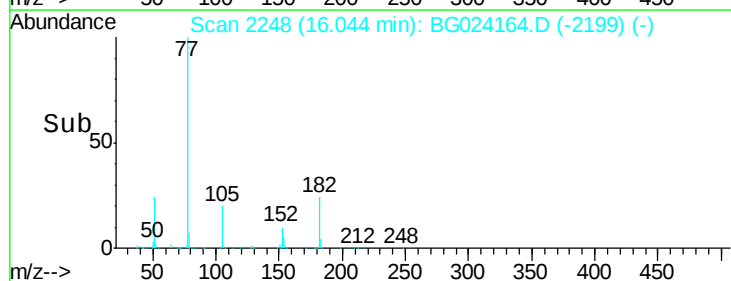
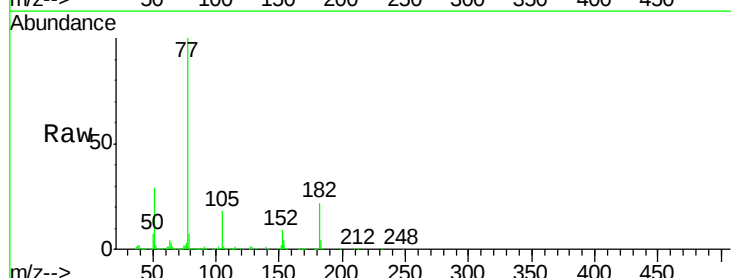
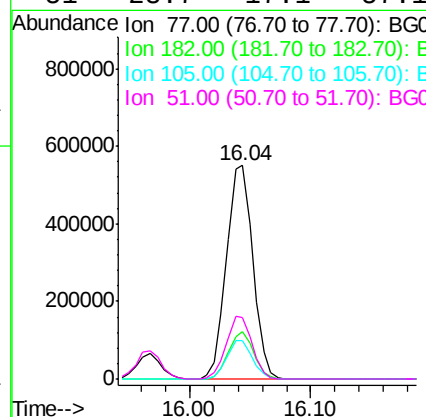
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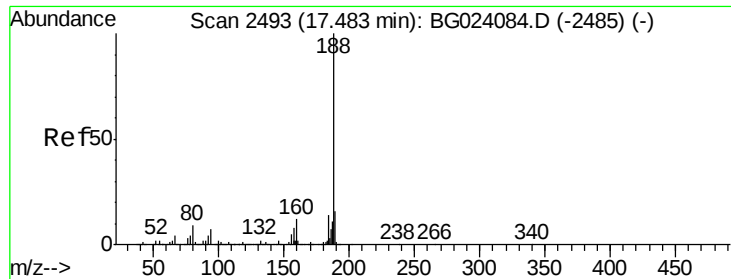
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#62
Azobenzene
Concen: 53.42 ng
RT: 16.04 min Scan# 2248
Delta R.T. -0.01 min
Lab File: BG024164.D
Acq: 30 Sep 2016 18:05

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.1	3.5	43.5
105	17.8	0.0	38.5
51	28.7	17.1	57.1





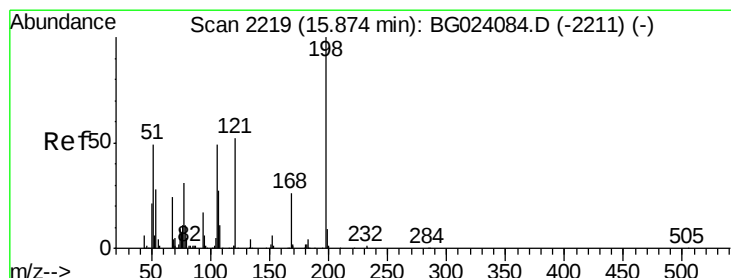
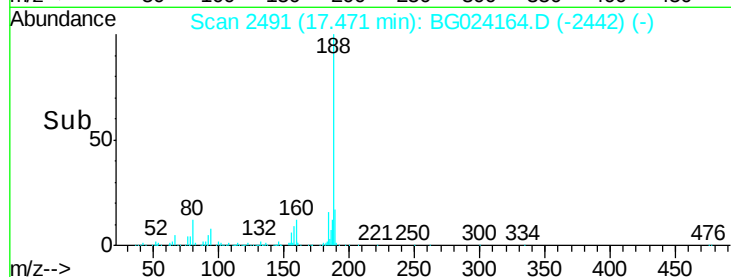
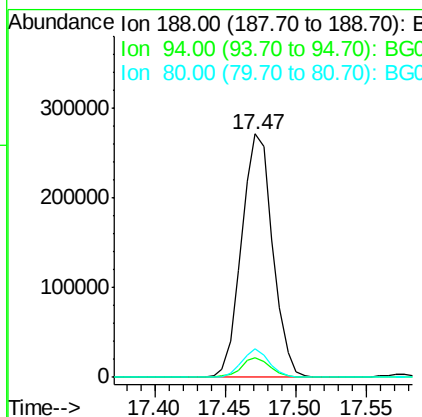
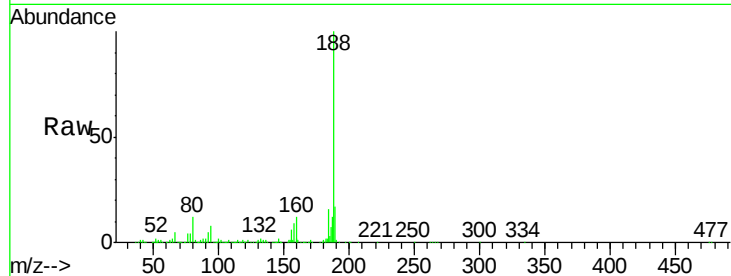
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.47 min Scan# 2491
Delta R.T. -0.01 min
Lab File: BG024164.D
Acq: 30 Sep 2016 18:05

Instrument :
BNA_G
ClientSampleId :
SUP-B046-3-6MSD

Tot Ion	Ratio	Lower	Upper
188	100		
94	7.8	5.2	7.8#
80	11.6	7.2	10.8#

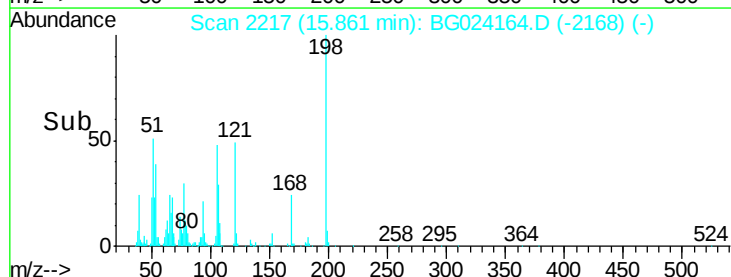
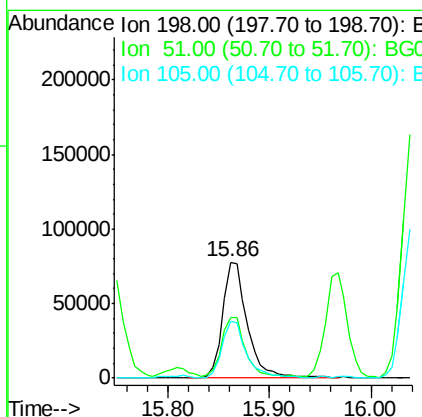
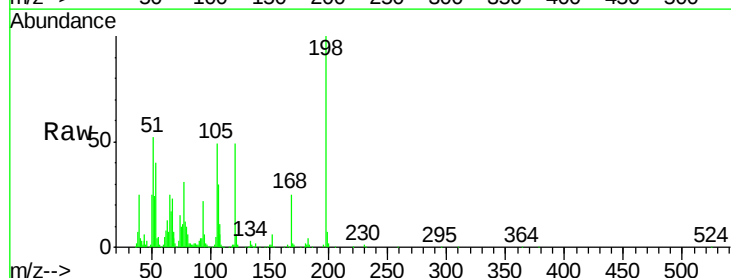
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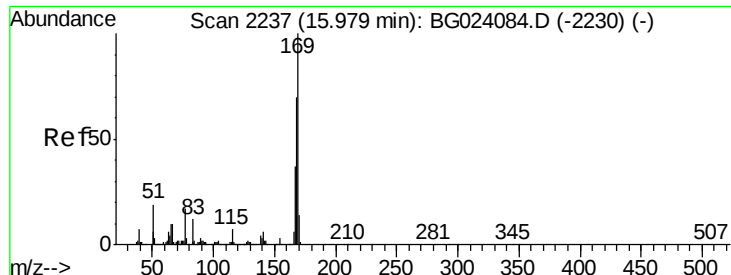
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#64
4,6-Dinitro-2-methylphenol
Concen: 45.11 ng
RT: 15.86 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BG024164.D
Acq: 30 Sep 2016 18:05

Tgt Ion	Ratio	Lower	Upper
198	100		
51	52.4	26.0	66.0
105	49.5	20.1	60.1





#65

n-Nitrosodiphenylamine

Concen: 51.66 ng

RT: 15.97 min Scan# 2235

Delta R.T. -0.01 min

Lab File: BG024164.D

Acq: 30 Sep 2016 18:05

Instrument :

BNA_G

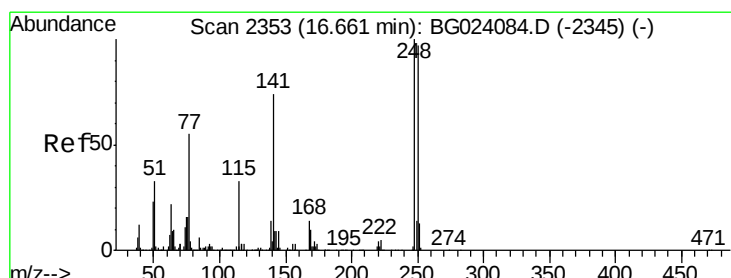
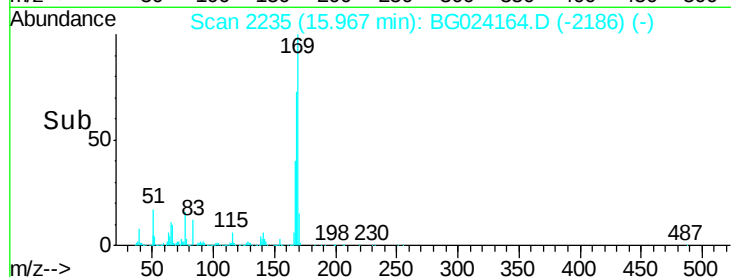
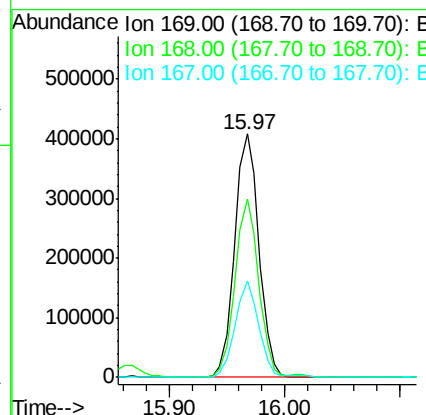
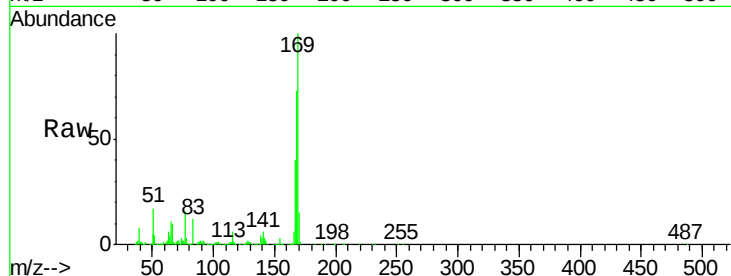
ClientSampleId :

SUP-B046-3-6MSD

Tot Ion:	169	Resp:	592694
Ion Ratio	Lower	Upper	
169	100		
168	73.4	55.0	82.4
167	39.5	27.4	41.0

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#66

4-Bromophenyl-phenylether

Concen: 47.93 ng

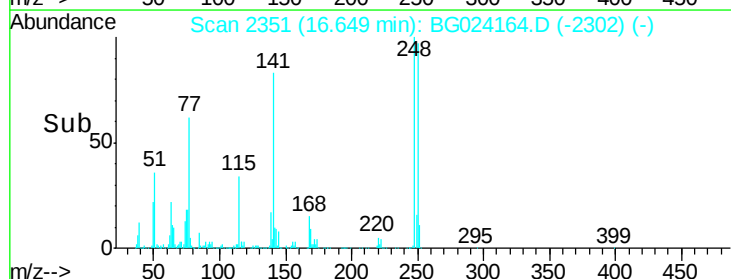
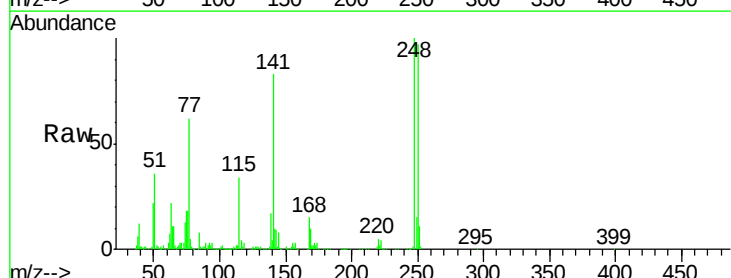
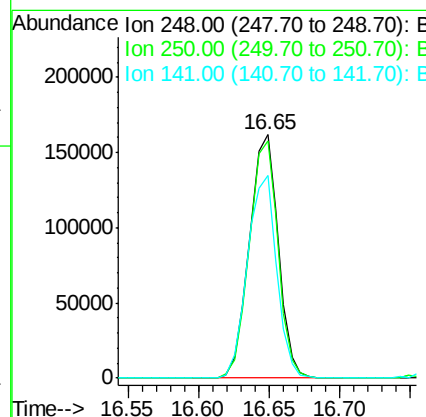
RT: 16.65 min Scan# 2351

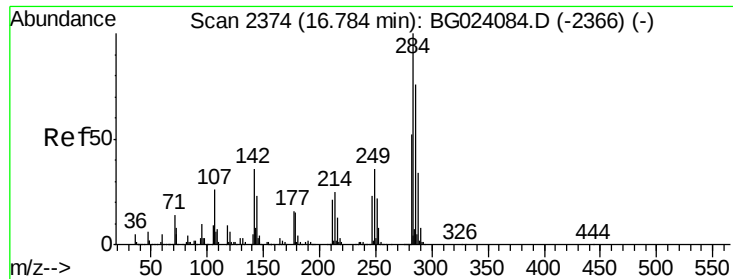
Delta R.T. -0.01 min

Lab File: BG024164.D

Acq: 30 Sep 2016 18:05

Tgt Ion:	248	Resp:	233198
Ion Ratio	Lower	Upper	
248	100		
250	97.2	77.8	116.8
141	83.0	65.7	98.5





#67

Hexachlorobenzene

Concen: 44.55 ng

RT: 16.77 min Scan# 2372

Delta R.T. -0.01 min

Lab File: BG024164.D

Acq: 30 Sep 2016 18:05

Instrument :

BNA_G

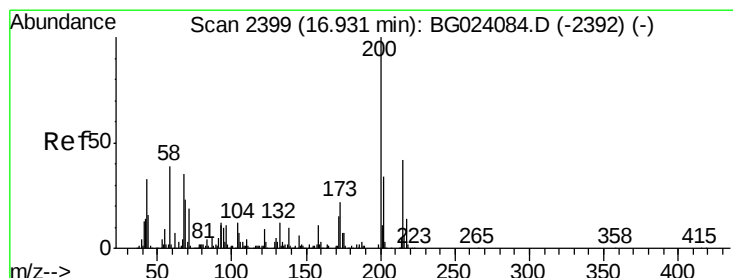
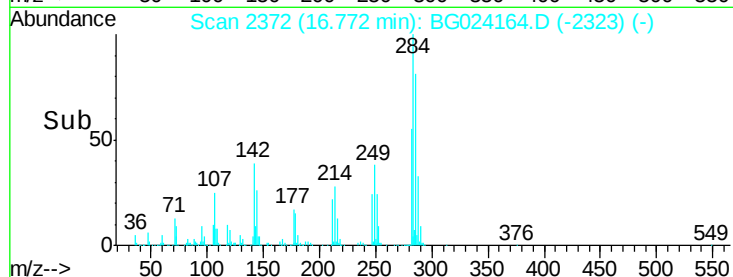
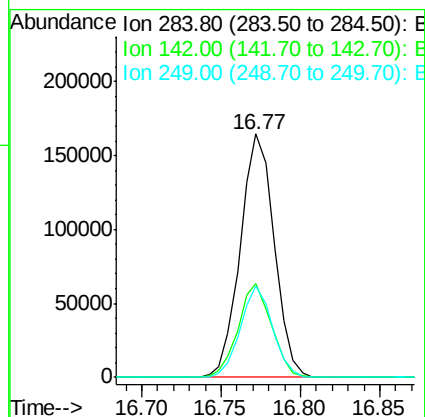
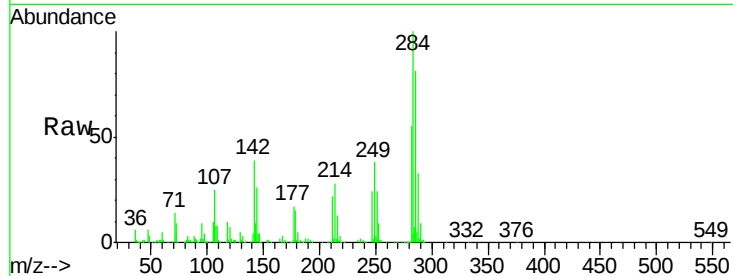
ClientSampleId :

SUP-B046-3-6MSD

Tot Ion:	284	Resp:	244234
Ion Ratio		Lower	Upper
284	100		
142	38.5	26.8	40.2
249	37.6	28.9	43.3

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#68

Atrazine

Concen: 49.92 ng

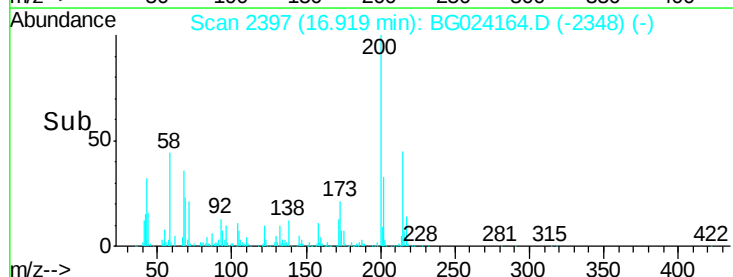
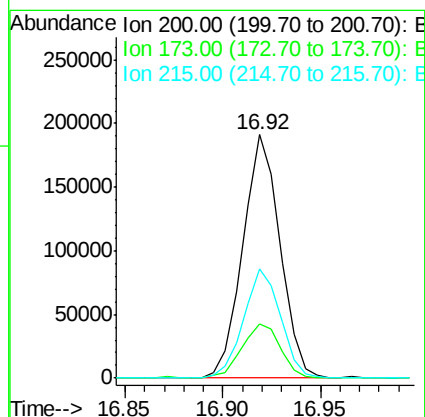
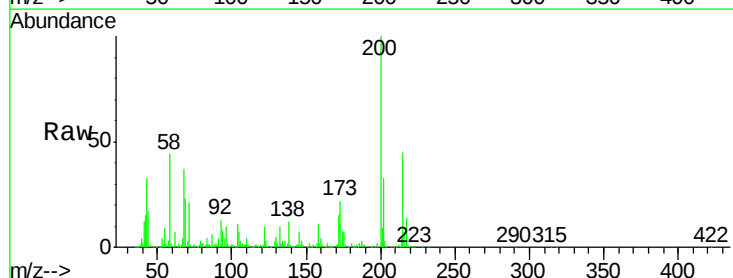
RT: 16.92 min Scan# 2397

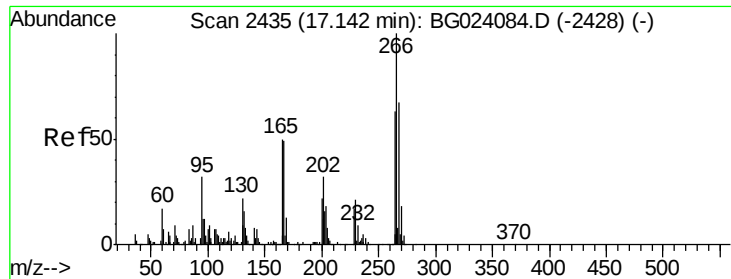
Delta R.T. -0.01 min

Lab File: BG024164.D

Acq: 30 Sep 2016 18:05

Tgt Ion:	200	Resp:	252851
Ion Ratio		Lower	Upper
200	100		
173	22.2	1.6	41.6
215	44.8	28.7	68.7





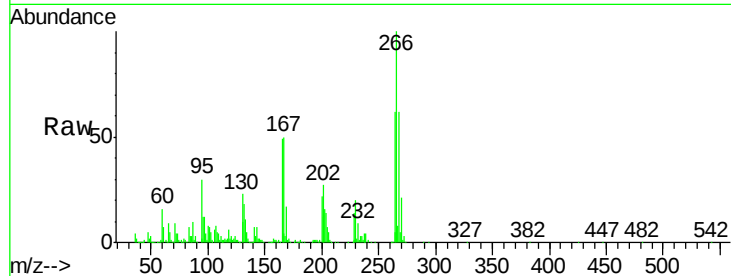
#69
 Pentachlorophenol
 Concen: 84.54 ng
 RT: 17.13 min Scan# 2433
 Delta R.T. -0.01 min
 Lab File: BG024164.D
 Acq: 30 Sep 2016 18:05

Instrument :
 BNA_G
 ClientSampleId :
 SUP-B046-3-6MSD

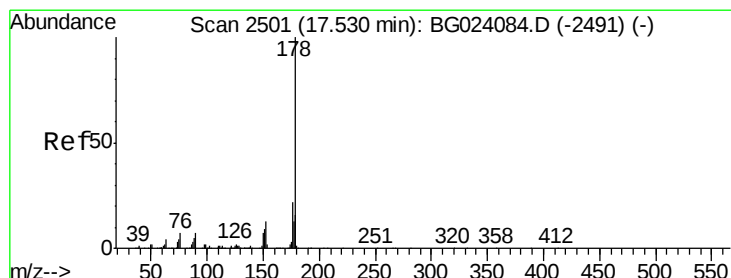
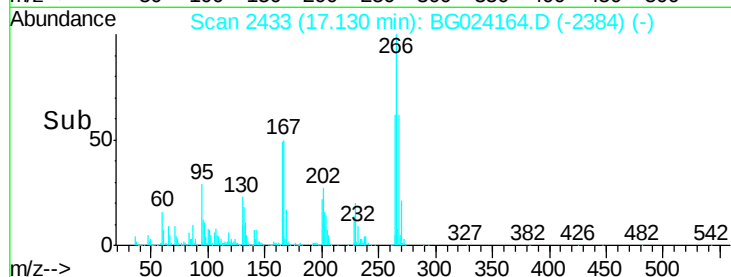
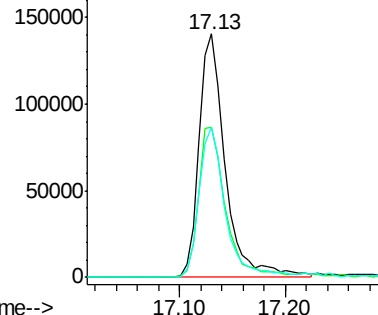
Tot Ion	Ratio	Lower	Upper
266	100		
268	61.7	51.9	77.9
264	61.8	50.6	75.8

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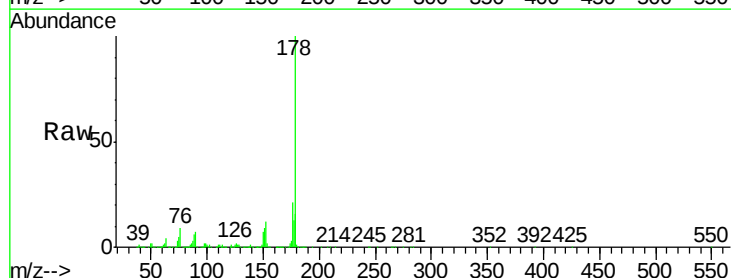


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

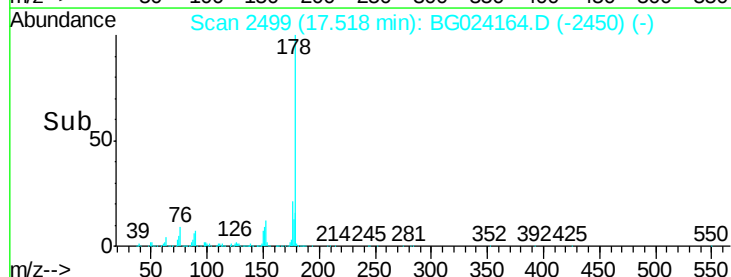
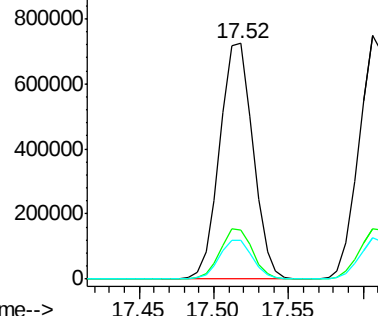


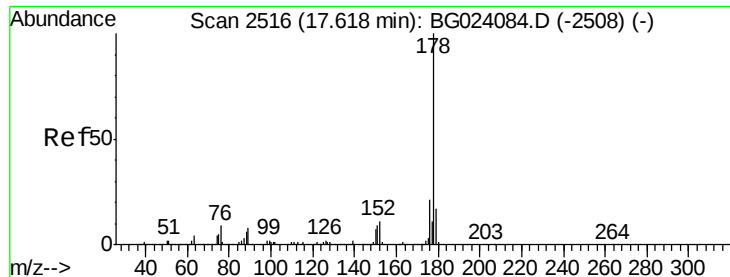
#70
 Phenanthrene
 Concen: 52.27 ng
 RT: 17.52 min Scan# 2499
 Delta R.T. -0.01 min
 Lab File: BG024164.D
 Acq: 30 Sep 2016 18:05

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.9	16.8	25.2
179	16.3	14.3	21.5



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 51.68 ng

RT: 17.61 min Scan# 2514

Delta R.T. -0.01 min

Lab File: BG024164.D

Acq: 30 Sep 2016 18:05

Instrument :

BNA_G

ClientSampleId :

SUP-B046-3-6MSD

Tot Ion:178 Resp: 1134128

Ion Ratio Lower Upper

178 100

176 20.5 17.3 25.9

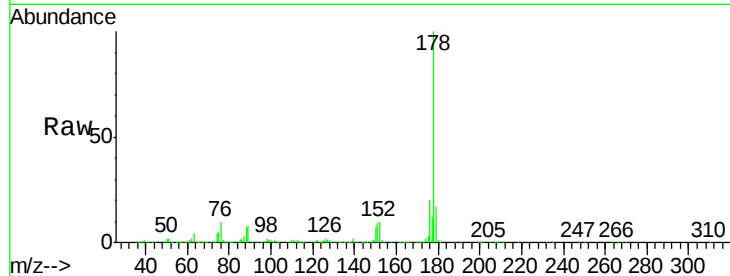
179 17.0 14.0 21.0

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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

1000000

800000

600000

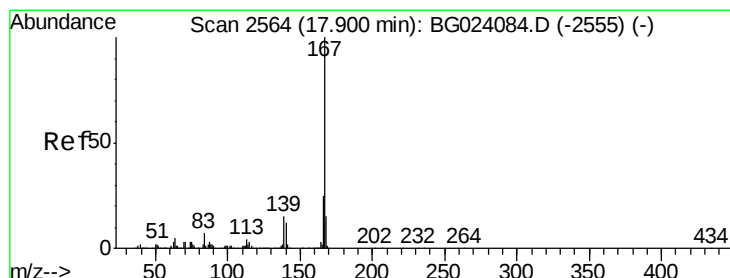
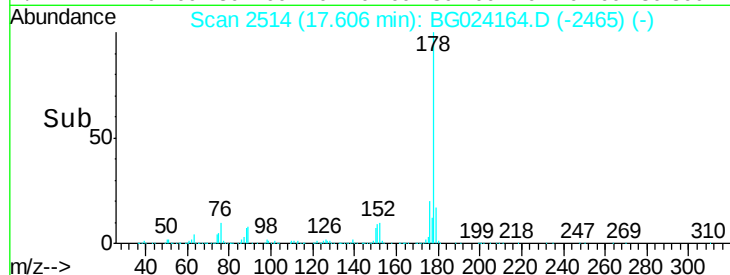
400000

200000

0

17.50 17.61 17.70

Time-->



#72

Carbazole

Concen: 49.91 ng

RT: 17.89 min Scan# 2562

Delta R.T. -0.01 min

Lab File: BG024164.D

Acq: 30 Sep 2016 18:05

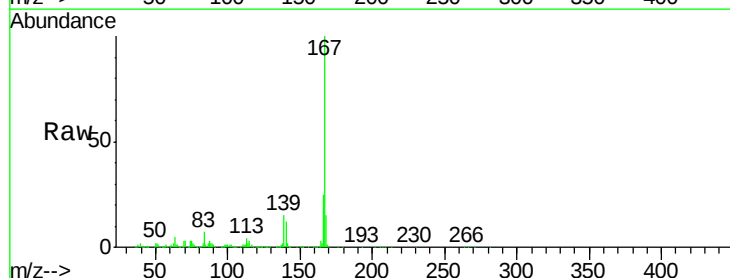
Tgt Ion:167 Resp: 1019518

Ion Ratio Lower Upper

167 100

166 24.6 20.7 31.1

139 14.9 11.9 17.9



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

800000

600000

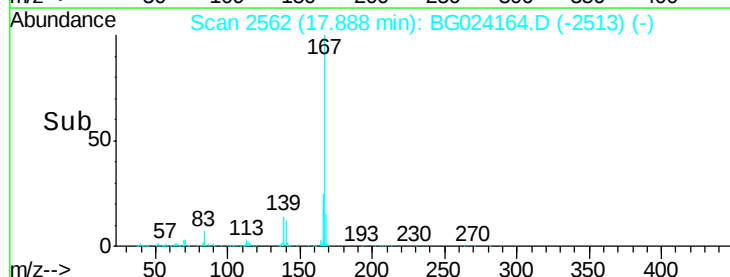
400000

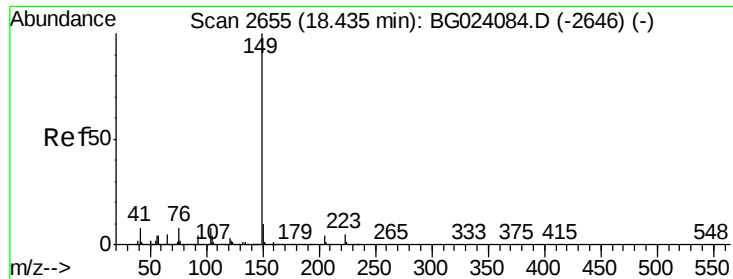
200000

0

17.80 17.89 18.00

Time-->





#73

Di-n-butylphthalate

Concen: 47.40 ng

RT: 18.42 min Scan# 2652

Delta R.T. -0.02 min

Lab File: BG024164.D

Acq: 30 Sep 2016 18:05

Instrument :

BNA_G

ClientSampleId :

SUP-B046-3-6MSD

Tot Ion:149 Resp: 1267609

Ion Ratio Lower Upper

149 100

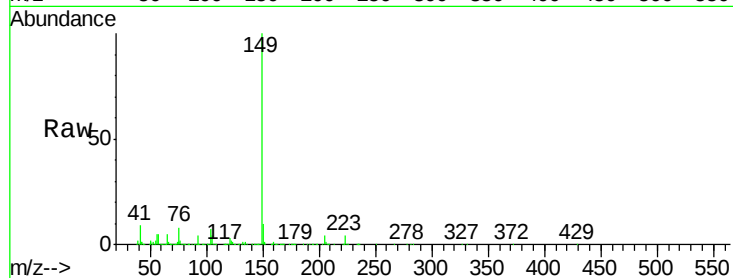
150 10.2 9.1 13.7

104 7.4 6.9 10.3

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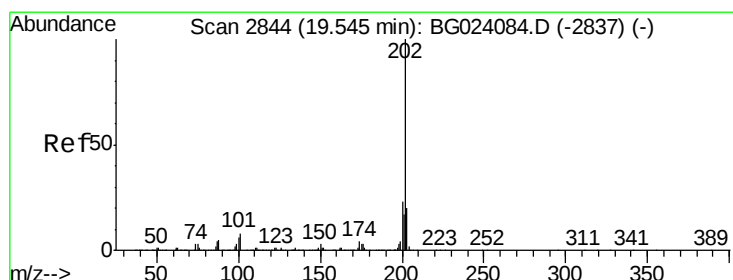
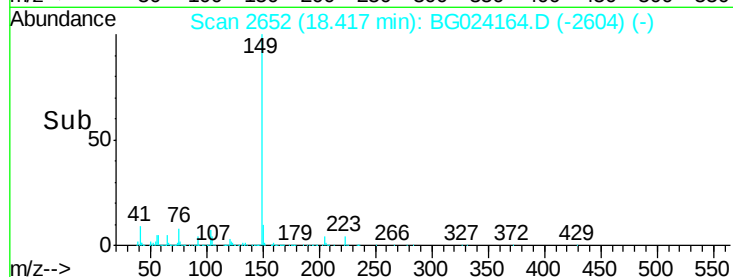
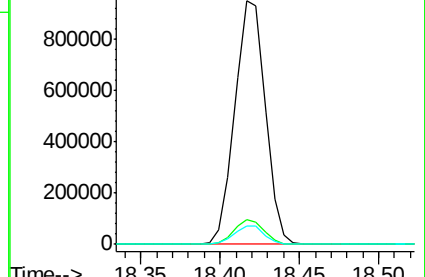
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 48.06 ng

RT: 19.53 min Scan# 2842

Delta R.T. -0.01 min

Lab File: BG024164.D

Acq: 30 Sep 2016 18:05

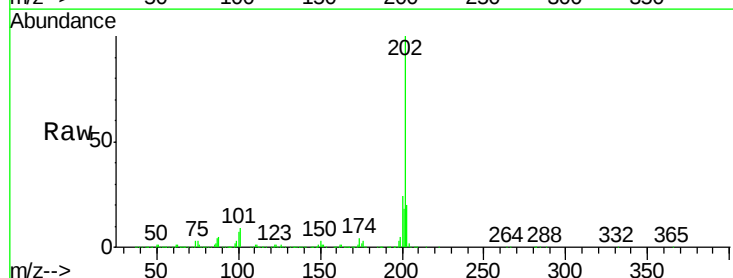
Tgt Ion:202 Resp: 1340500

Ion Ratio Lower Upper

202 100

101 8.7 0.0 27.4

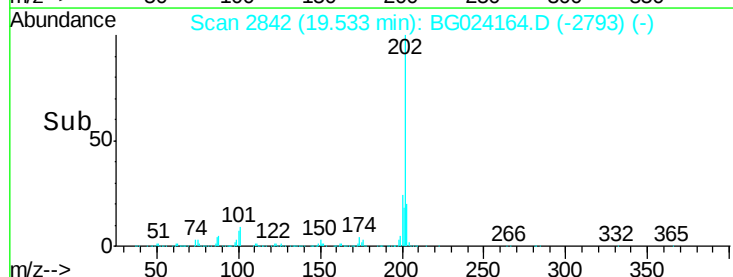
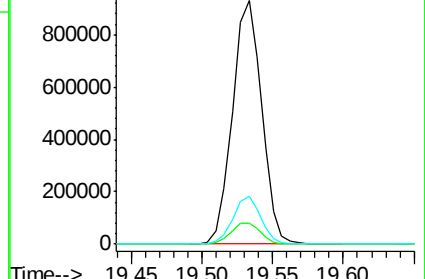
203 19.7 1.7 41.7

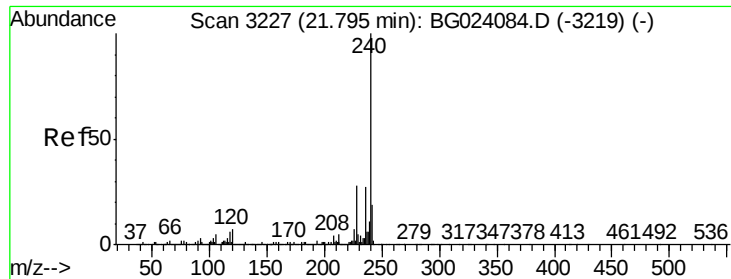


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





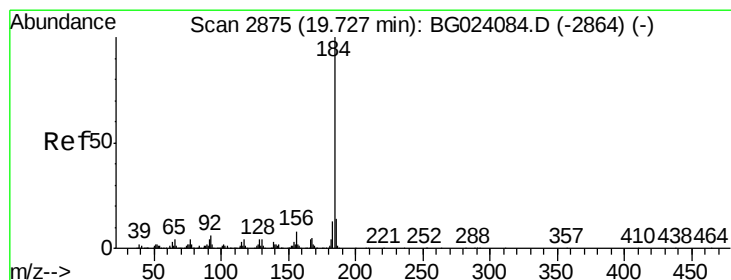
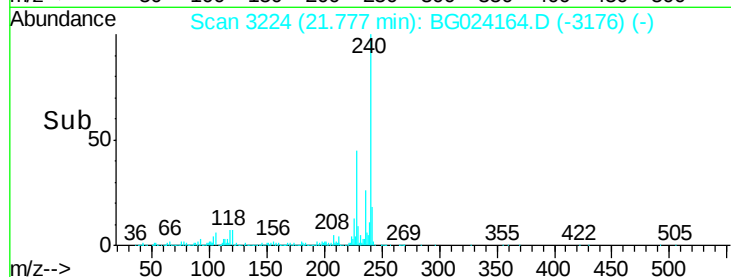
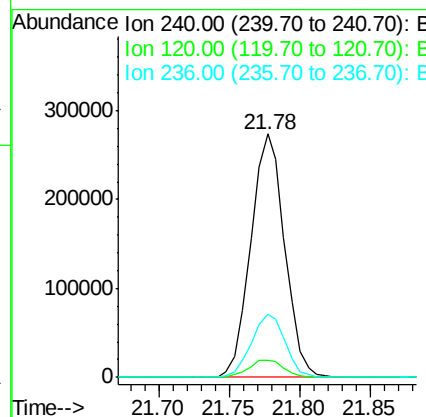
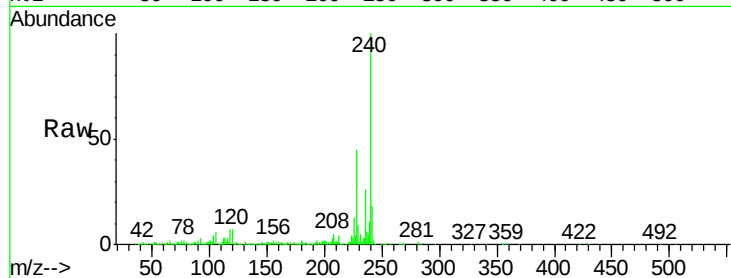
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.78 min Scan# 3224
Delta R.T. -0.02 min
Lab File: BG024164.D
Acq: 30 Sep 2016 18:05

Instrument :
BNA_G
ClientSampleId :
SUP-B046-3-6MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.0	4.1	6.1#
236	25.9	21.1	31.7

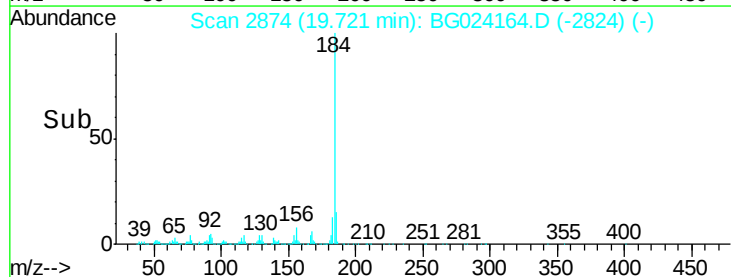
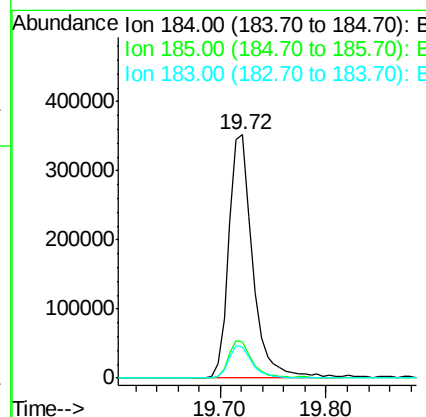
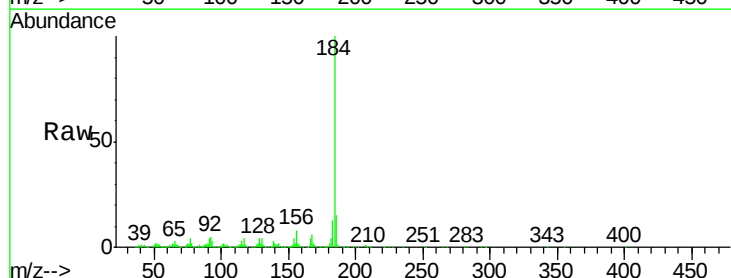
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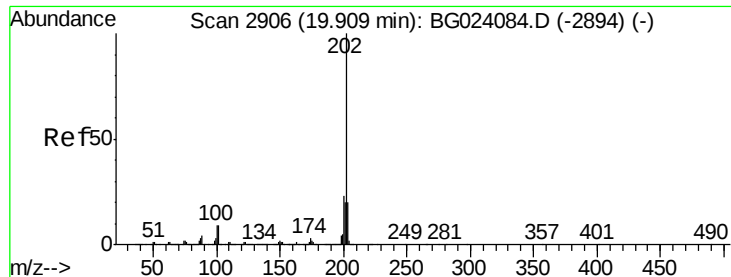
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#76
Benzidine
Concen: 42.42 ng
RT: 19.72 min Scan# 2874
Delta R.T. -0.01 min
Lab File: BG024164.D
Acq: 30 Sep 2016 18:05

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.7	12.6	19.0
183	12.7	10.7	16.1





#77

Pvrene

Concen: 42.01 ng

RT: 19.89 min Scan# 2903

Delta R.T. -0.02 min

Lab File: BG024164.D

Acq: 30 Sep 2016 18:05

Instrument :

BNA_G

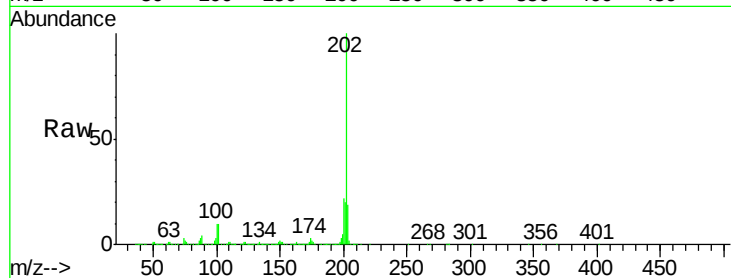
ClientSampleId :

SUP-B046-3-6MSD

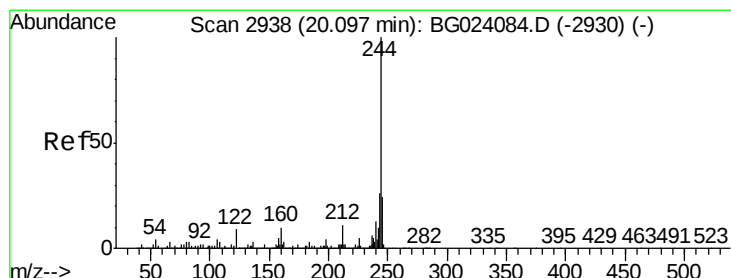
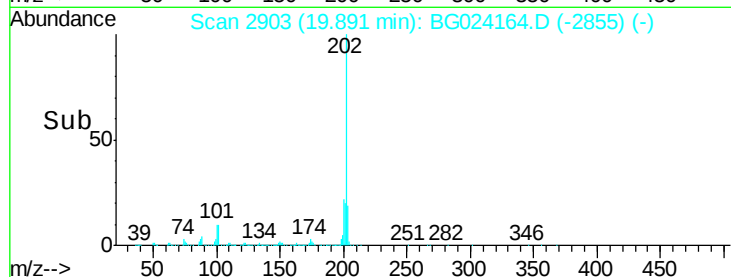
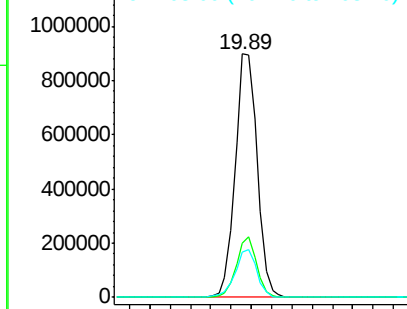
Tot Ion:202	Resp: 1348458
Ion Ratio	Lower Upper
202 100	
200 22.1	21.2 31.8
203 18.7	16.8 25.2

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



#78

Terphenyl-d14

Concen: 74.76 ng

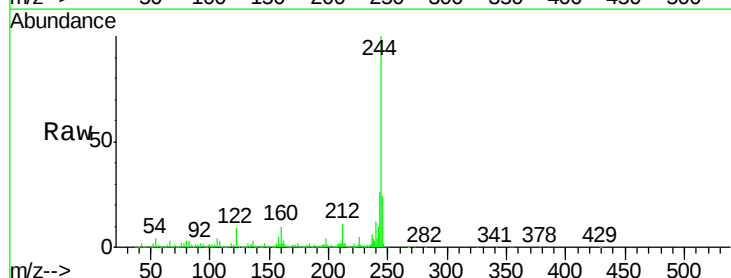
RT: 20.09 min Scan# 2936

Delta R.T. -0.01 min

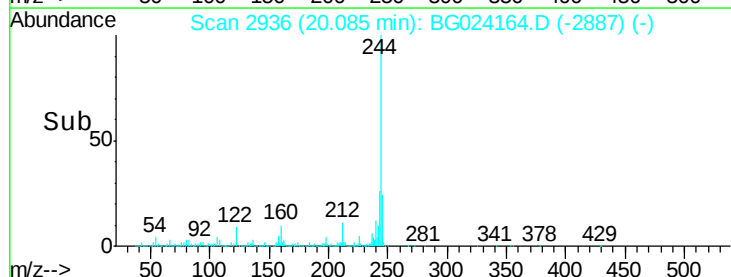
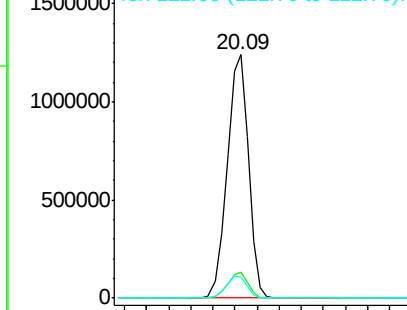
Lab File: BG024164.D

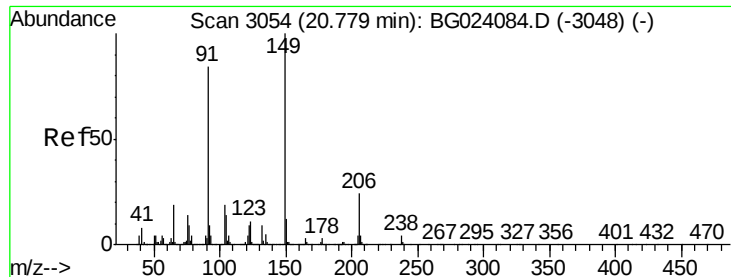
Acq: 30 Sep 2016 18:05

Tgt Ion:244	Resp: 1678285
Ion Ratio	Lower Upper
244 100	
212 10.6	10.8 16.2#
122 8.6	8.0 12.0



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





#79

Butylbenzylphthalate

Concen: 48.90 ng

RT: 20.77 min Scan# 3052

Delta R.T. -0.01 min

Lab File: BG024164.D

Acq: 30 Sep 2016 18:05

Instrument :

BNA_G

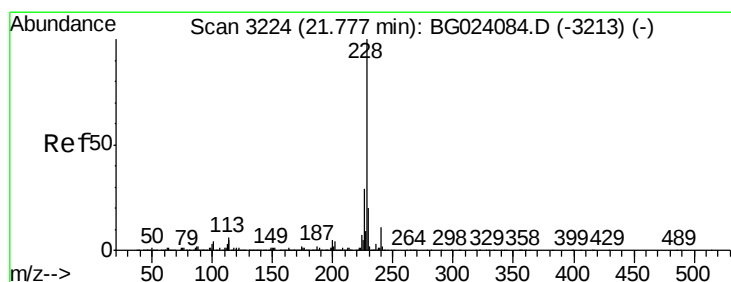
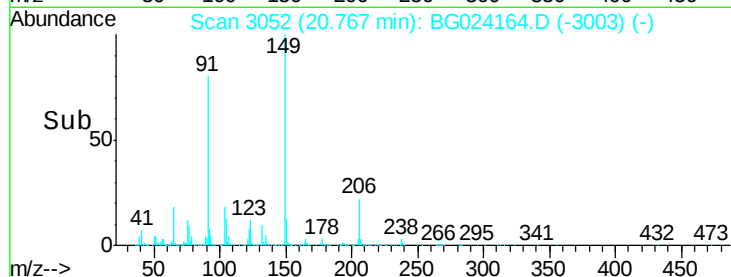
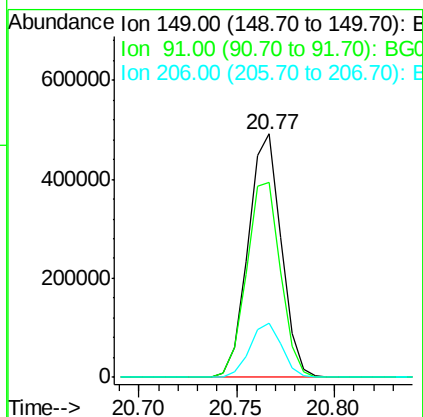
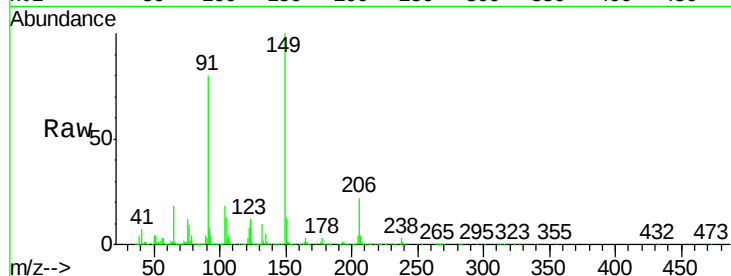
ClientSampleId :

SUP-B046-3-6MSD

Tot Ion:	149	Resp:	577959
Ion Ratio	Lower	Upper	
149	100		
91	80.3	68.1	102.1
206	22.2	19.8	29.6

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#80

Benzo(a)anthracene

Concen: 49.40 ng

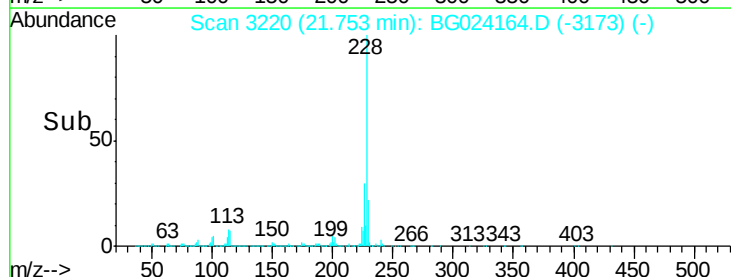
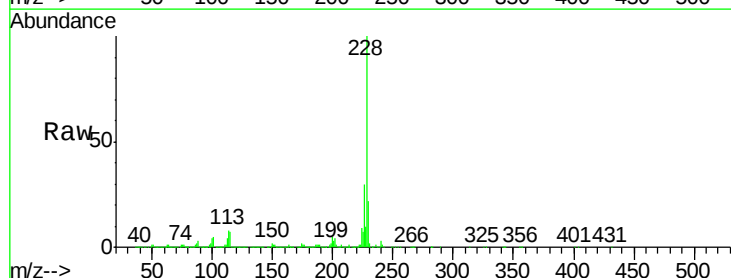
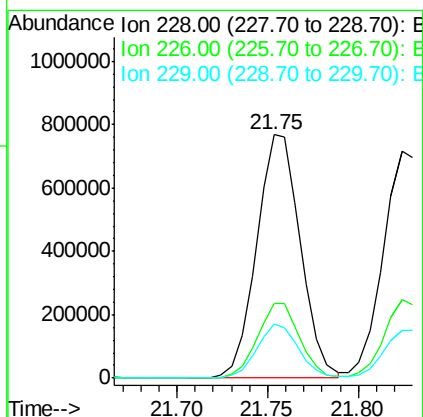
RT: 21.75 min Scan# 3220

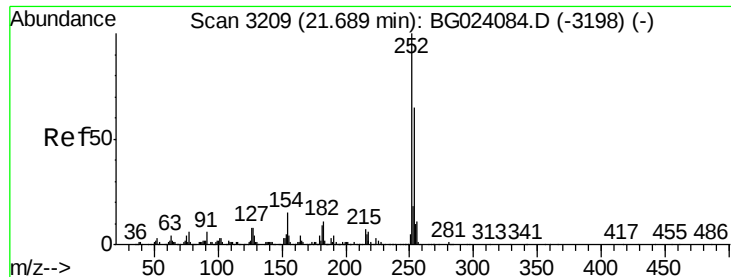
Delta R.T. -0.02 min

Lab File: BG024164.D

Acq: 30 Sep 2016 18:05

Tgt Ion:	228	Resp:	1292685
Ion Ratio	Lower	Upper	
228	100		
226	30.4	25.3	37.9
229	22.3	19.9	29.9





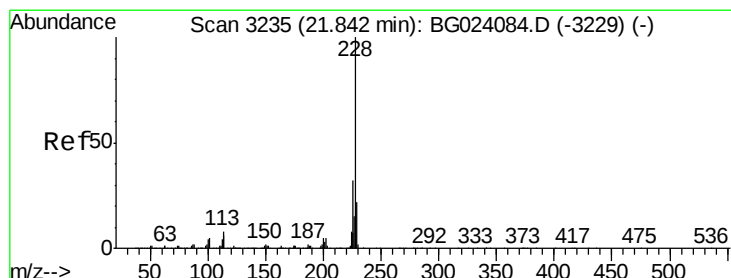
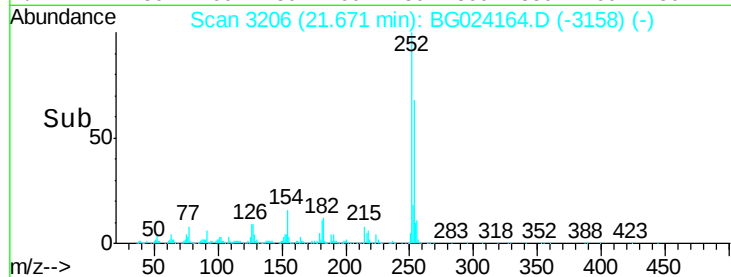
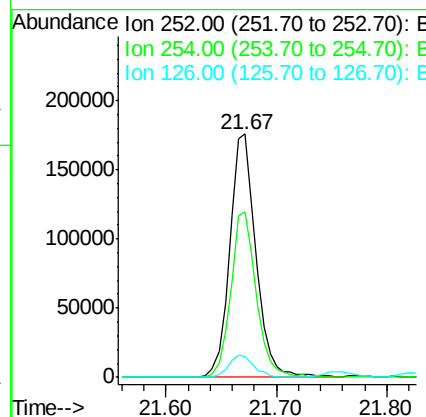
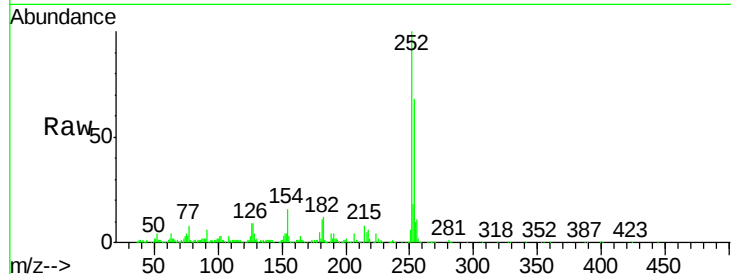
#81
 3,3'-Dichlorobenzidine
 Concen: 31.17 ng
 RT: 21.67 min Scan# 3206
 Delta R.T. -0.02 min
 Lab File: BG024164.D
 Acq: 30 Sep 2016 18:05

Instrument :
 BNA_G
 ClientSampleId :
 SUP-B046-3-6MSD

Tot Ion:	252	Resp:	292361
Ion Ratio	Lower	Upper	
252	100		
254	68.0	51.2	76.8
126	8.7	5.3	7.9

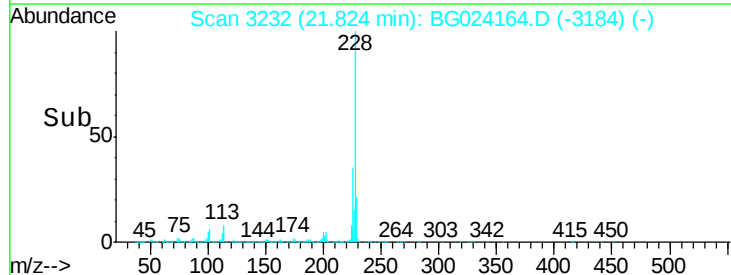
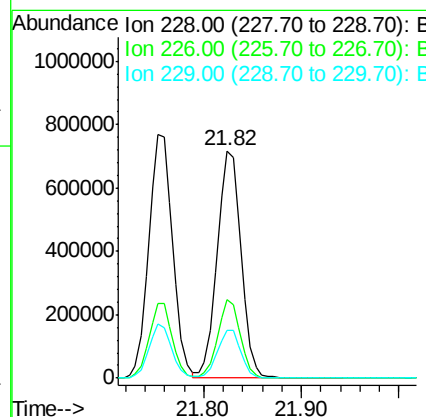
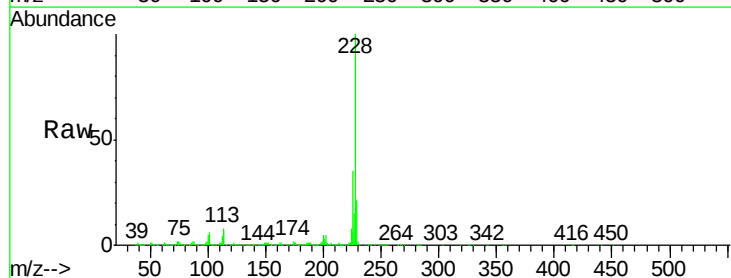
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#82
 Chrysene
 Concen: 49.40 ng
 RT: 21.82 min Scan# 3232
 Delta R.T. -0.02 min
 Lab File: BG024164.D
 Acq: 30 Sep 2016 18:05

Tgt Ion:	228	Resp:	1215048
Ion Ratio	Lower	Upper	
228	100		
226	34.8	26.7	40.1
229	21.1	17.4	26.2





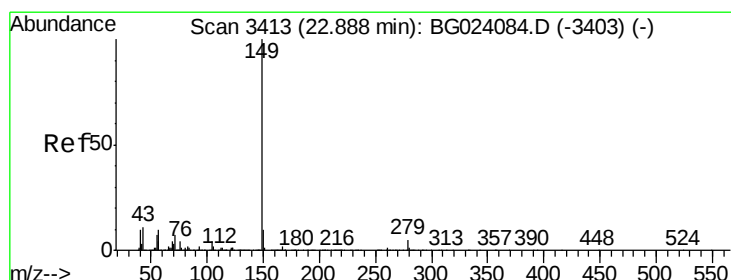
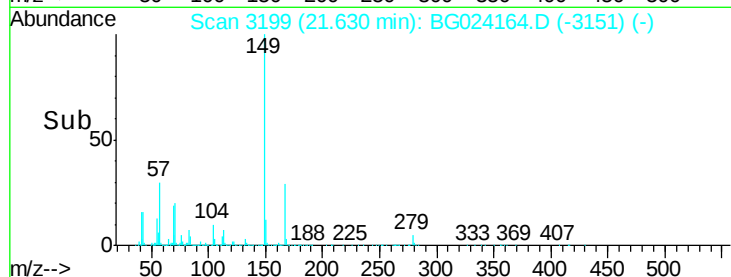
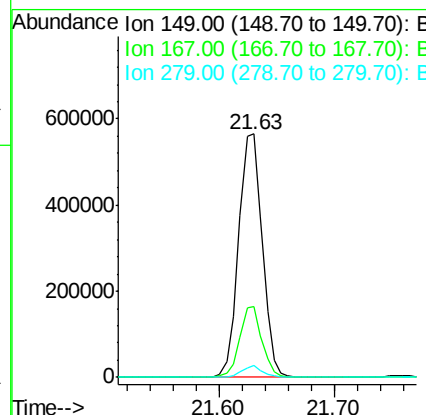
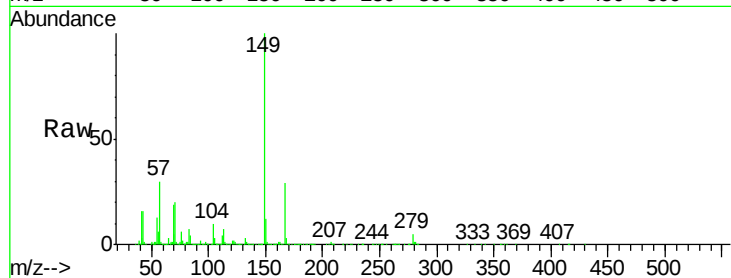
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 56.45 ng
 RT: 21.63 min Scan# 3199
 Delta R.T. -0.02 min
 Lab File: BG024164.D
 Acq: 30 Sep 2016 18:05

Instrument :
 BNA_G
 ClientSampleId :
 SUP-B046-3-6MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.9	24.0	36.0
279	4.9	4.8	7.2

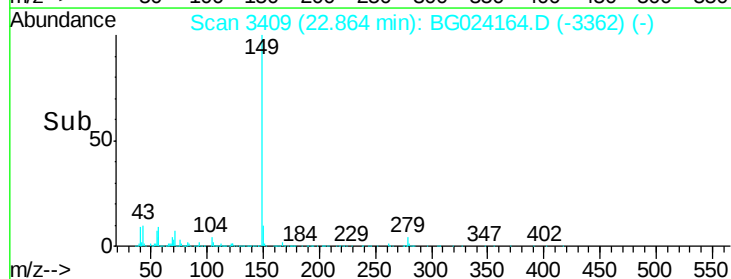
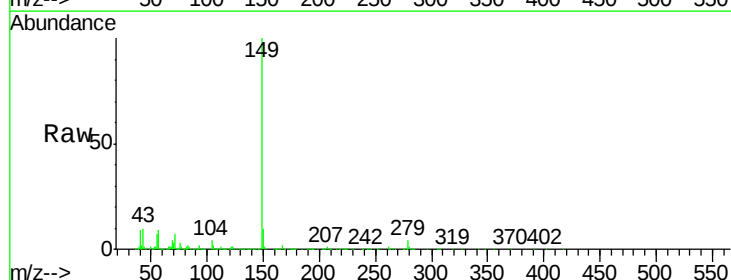
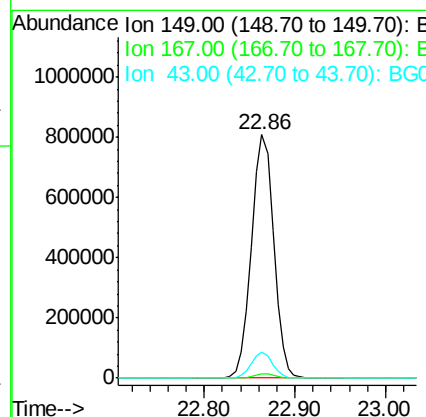
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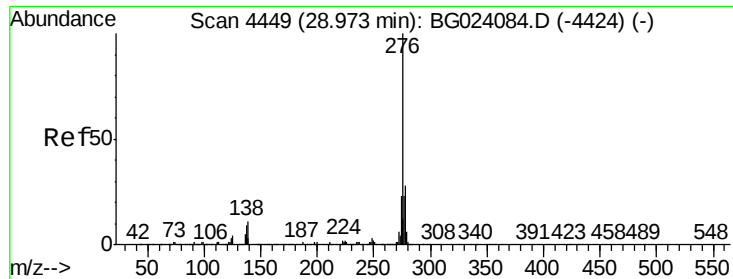
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#84
 Di-n-octyl phthalate
 Concen: 56.45 ng
 RT: 22.86 min Scan# 3409
 Delta R.T. -0.02 min
 Lab File: BG024164.D
 Acq: 30 Sep 2016 18:05

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.5	2.3
43	10.3	8.8	13.2





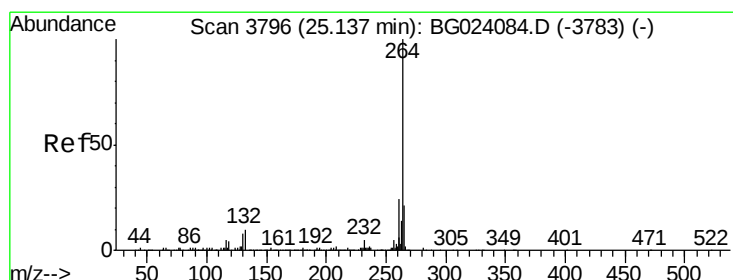
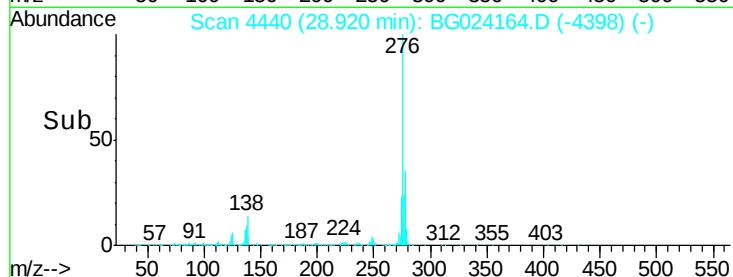
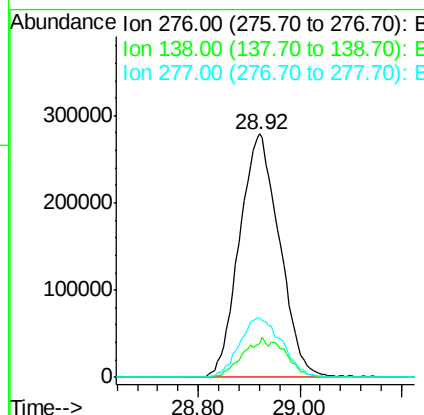
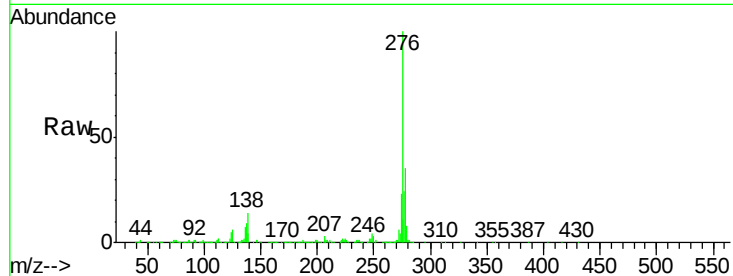
#85
Indeno(1,2,3-cd)pyrene
Concen: 55.74 ng
RT: 28.92 min Scan# 4440
Delta R.T. -0.05 min
Lab File: BG024164.D
Acq: 30 Sep 2016 18:05

Instrument :
BNA_G
ClientSampleId :
SUP-B046-3-6MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	10.2	0.0	0.0#
277	26.0	0.0	0.0#

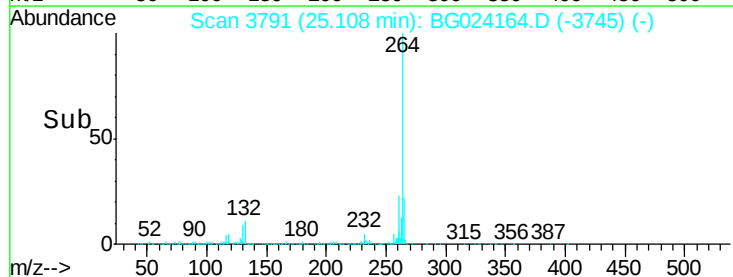
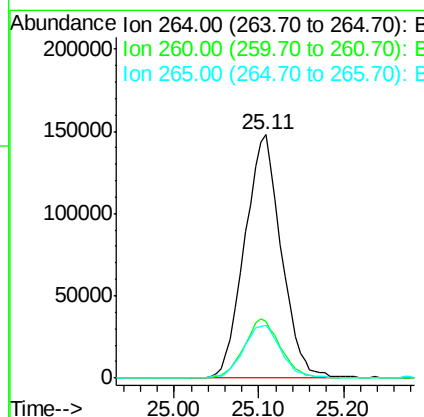
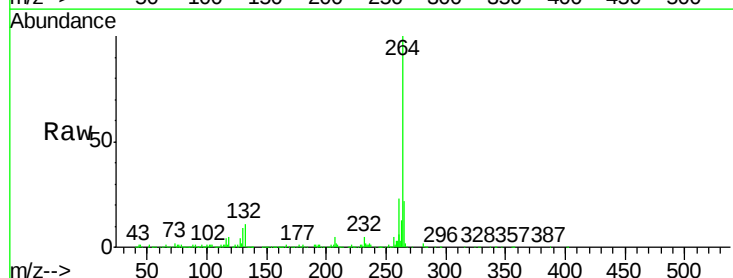
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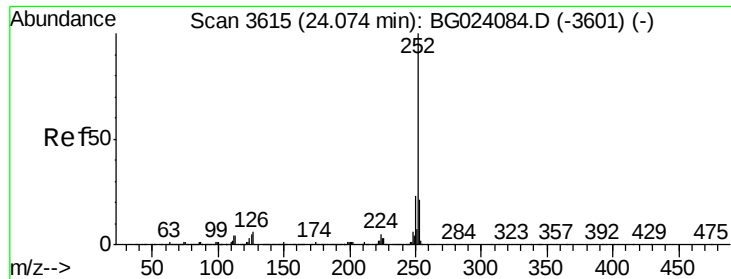
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#86
Perylene-d12
Concen: 20.00 ng
RT: 25.11 min Scan# 3791
Delta R.T. -0.03 min
Lab File: BG024164.D
Acq: 30 Sep 2016 18:05

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.4	27.6
265	21.7	18.9	28.3





#87

Benzo(b)fluoranthene

Concen: 51.41 ng

RT: 24.04 min Scan# 3610

Delta R.T. -0.03 min

Lab File: BG024164.D

Acq: 30 Sep 2016 18:05

Instrument :

BNA_G

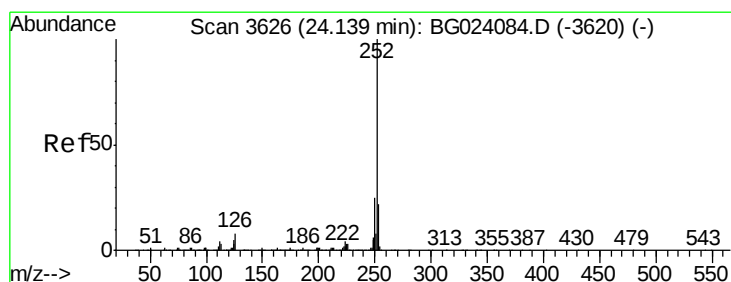
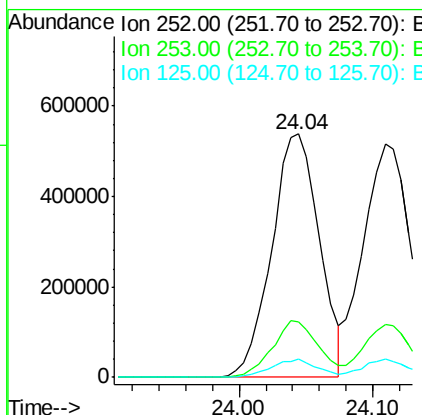
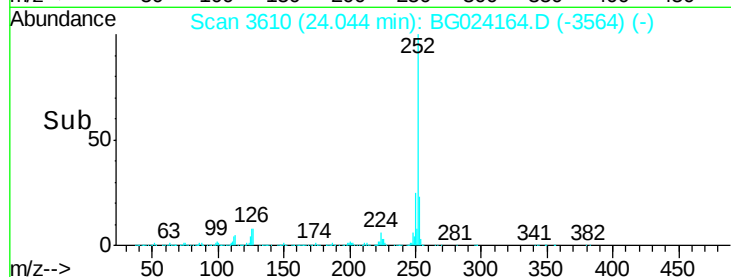
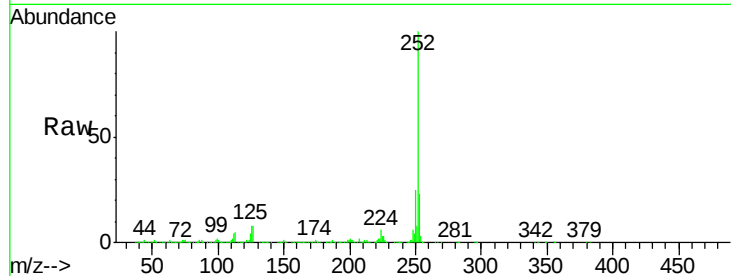
ClientSampleId :

SUP-B046-3-6MSD

Tot Ion:	252	Resp:	1332361
Ion Ratio	Lower	Upper	
252	100		
253	22.9	18.9	28.3
125	7.5	3.9	5.9#

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#88

Benzo(k)fluoranthene

Concen: 49.54 ng

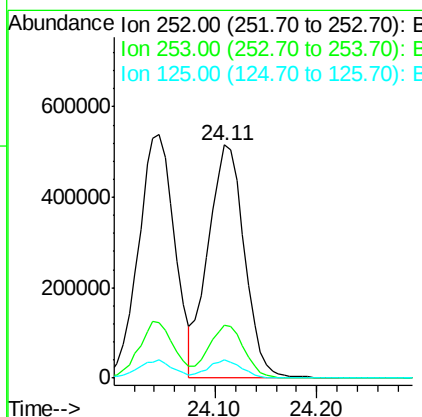
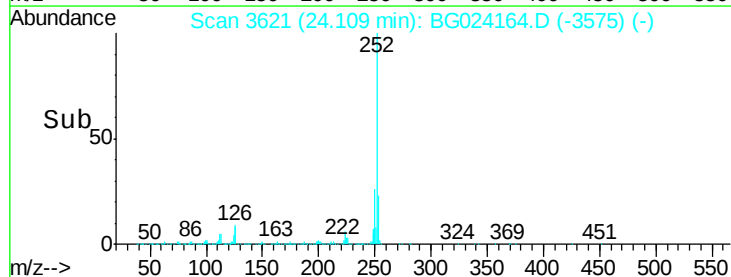
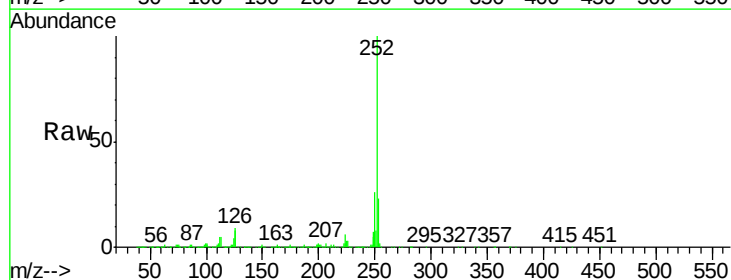
RT: 24.11 min Scan# 3621

Delta R.T. -0.03 min

Lab File: BG024164.D

Acq: 30 Sep 2016 18:05

Tgt Ion:	252	Resp:	1275222
Ion Ratio	Lower	Upper	
252	100		
253	22.9	18.8	28.2
125	7.7	3.2	4.8#





#89

Benzo(a)pyrene

Concen: 51.48 ng

RT: 24.95 min Scan# 3764

Delta R.T. -0.03 min

Lab File: BG024164.D

Acq: 30 Sep 2016 18:05

Instrument :

BNA_G

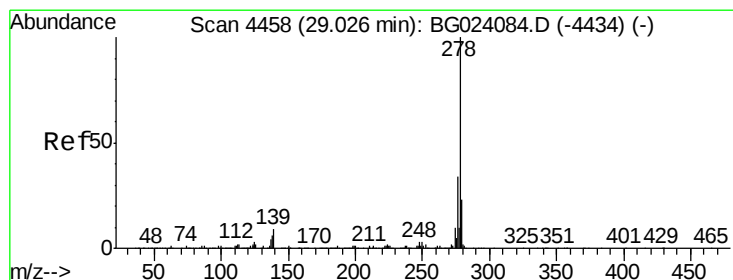
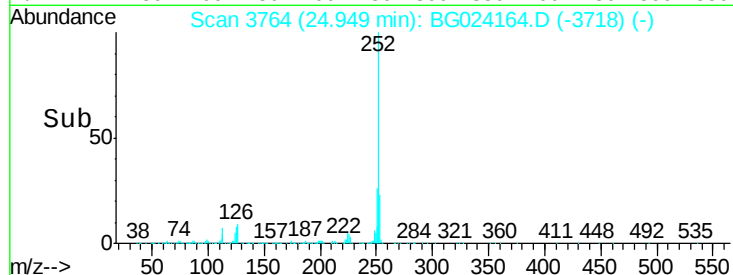
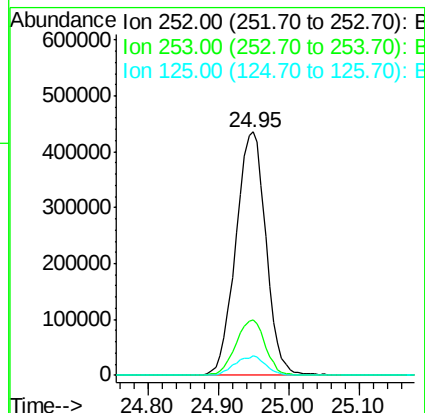
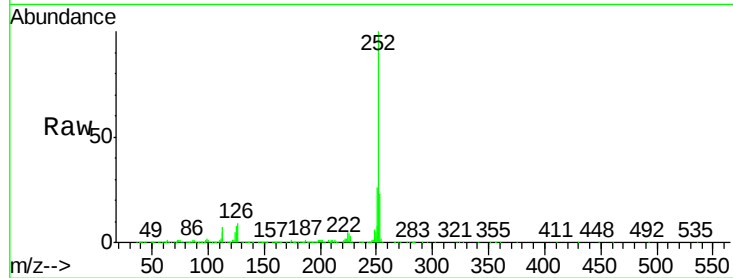
ClientSampleId :

SUP-B046-3-6MSD

Tot Ion:	252	Resp:	1289717
Ion Ratio	Lower	Upper	
252	100		
253	22.7	18.7	28.1
125	8.1	3.9	5.9#

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#90

Dibenzo(a,h)anthracene

Concen: 49.83 ng

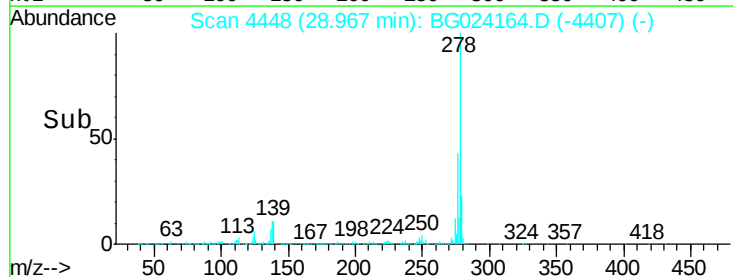
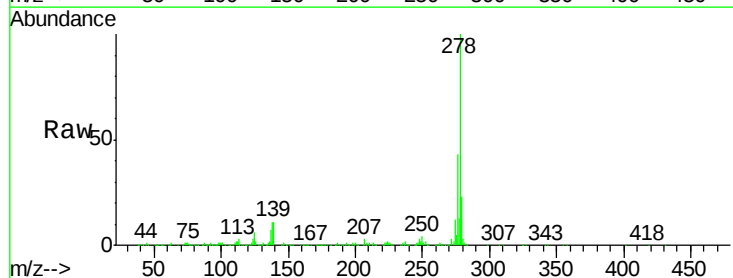
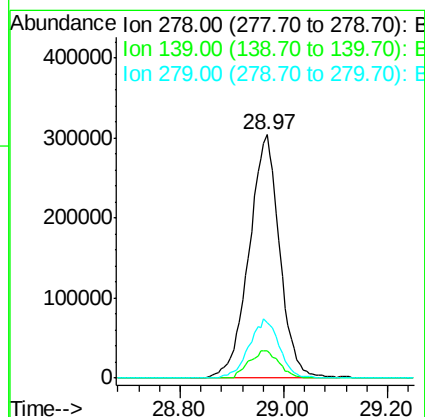
RT: 28.97 min Scan# 4448

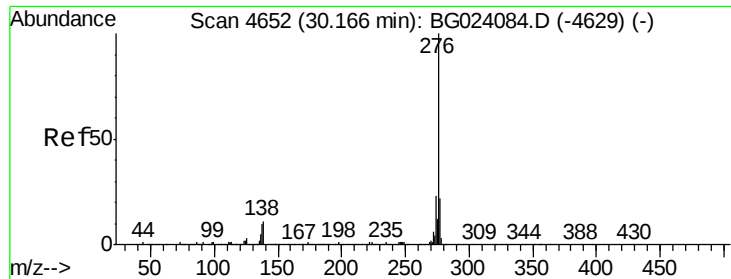
Delta R.T. -0.06 min

Lab File: BG024164.D

Acq: 30 Sep 2016 18:05

Tgt Ion:	278	Resp:	1246602
Ion Ratio	Lower	Upper	
278	100		
139	11.2	4.7	7.1#
279	22.9	18.3	27.5





#91
 Benzo(a,h,i)perylene
 Concen: 50.72 ng
 RT: 30.11 min Scan# 4642
 Delta R.T. -0.06 min
 Lab File: BG024164.D
 Acq: 30 Sep 2016 18:05

Instrument :
 BNA_G
 ClientSampleId :
 SUP-B046-3-6MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.6	27.8
138	13.2	6.8	10.2

Manual Integrations
 APPROVED

sohil
 10/3/2016 6:50:11 PM

