

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012017\
 Data File : BG025564.D
 Acq On : 21 Jan 2017 8:44
 Operator : UM/SJ
 Sample : I1347-02MSD
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BLACK-FILL1-0-5FT-COMPMSD

Manual Integrations
 APPROVED

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 1/23/2017 4:59:46 PM

Quant Time: Jan 23 00:49:31 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 10 11:26:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	65982	20.00	ng	-0.02
21) Naphthalene-d8	11.01	136	262728	20.00	ng	-0.02
38) Acenaphthene-d10	14.81	164	213046	20.00	ng	-0.02
63) Phenanthrene-d10	17.55	188	502352	20.00	ng	-0.02
75) Chrysene-d12	21.84	240	693951	20.00	ng	-0.02
86) Perylene-d12	25.23	264	744217	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	560969	154.54	ng	-0.02
7) Phenol-d6	7.34	99	744792	145.68	ng	-0.02
23) Nitrobenzene-d5	9.36	82	616621	103.68	ng	-0.02
41) 2,4,6-Tribromophenol	16.30	330	519284	151.40	ng	-0.02
44) 2-Fluorobiphenyl	13.43	172	1251131	95.08	ng	-0.02
78) Terphenyl-d14	20.14	244	2475668	94.59	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	3.56	88	61754	39.87	ng	# 43
3) Pyridine	3.97	79	171577	38.21	ng	99
4) n-Nitrosodimethylamine	3.89	42	129014	48.41	ng	98
6) Aniline	7.50	93	200899	29.00	ng	97
8) 2-Chlorophenol	7.74	128	196864	48.07	ng	97
9) Benzaldehyde	7.32	77	168446	45.03	ng	95
10) Phenol	7.37	94	267821	47.26	ng	96
11) bis(2-Chloroethyl)ether	7.59	93	206594	47.31	ng	93
12) 1,3-Dichlorobenzene	8.06	146	208970	42.17	ng	96
13) 1,4-Dichlorobenzene	8.21	146	220817	43.00	ng	95
14) 1,2-Dichlorobenzene	8.53	146	211077	43.07	ng	98
15) Benzyl Alcohol	8.43	79	248686	50.95	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.70	45	388200	48.00	ng	97
17) 2-Methylphenol	8.63	107	185195	49.76	ng	94
18) Hexachloroethane	9.26	117	84406	42.79	ng	91
19) n-Nitroso-di-n-propylamine	8.98	70	209777	48.58	ng	99
20) 3+4-Methylphenols	8.96	107	250061	48.55	ng	98
22) Acetophenone	9.02	105	363916	49.85	ng	# 99
24) Nitrobenzene	9.40	77	316570	48.53	ng	98
25) Isophorone	9.92	82	568214	52.77	ng	98
26) 2-Nitrophenol	10.12	139	122237	49.00	ng	97
27) 2,4-Dimethylphenol	10.17	122	218573	53.29	ng	92
28) bis(2-Chloroethoxy)methane	10.40	93	307856	55.05	ng	96
29) 2,4-Dichlorophenol	10.67	162	240472	54.79	ng	93
30) 1,2,4-Trichlorobenzene	10.86	180	249000	46.96	ng	93
31) Naphthalene	11.05	128	723768	55.17	ng	99
32) Benzoic acid	10.33	122	116265	35.25	ng	97
33) 4-Chloroaniline	11.19	127	39583	7.17	ng	# 84
34) Hexachlorobutadiene	11.31	225	193950	44.81	ng	94
35) Caprolactam	11.96	113	74297m	45.05	ng	
36) 4-Chloro-3-methylphenol	12.29	107	281111	51.89	ng	93
37) 2-Methylnaphthalene	12.65	142	504906	51.93	ng	97
39) 1,2,4,5-Tetrachlorobenzene	13.01	216	358248	50.93	ng	98
40) Hexachlorocyclopentadiene	12.97	237	302659	113.78	ng	97

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.26	196	225560	50.93	nq	98
43) 2,4,5-Trichlorophenol	13.35	196	233107	50.28	nq	96
45) 1,1'-Biphenyl	13.64	154	751758	52.46	nq	95
46) 2-Chloronaphthalene	13.69	162	560095	50.03	nq	98
47) 2-Nitroaniline	13.91	65	241450	51.10	nq	97
48) Acenaphthylene	14.54	152	853735	49.20	nq	97
49) Dimethylphthalate	14.25	163	789856	50.85	nq	100
50) 2,6-Dinitrotoluene	14.40	165	168964	49.80	nq	97
51) Acenaphthene	14.87	154	563628	49.66	nq	97
52) 3-Nitroaniline	14.74	138	70654	21.66	nq	91
53) 2,4-Dinitrophenol	14.96	184	211732	94.20	nq	# 85
54) Dibenzofuran	15.21	168	920132	51.29	nq	99
55) 4-Nitrophenol	15.06	139	230949	94.79	nq	92
56) 2,4-Dinitrotoluene	15.19	165	260916	52.81	nq	# 90
57) Fluorene	15.86	166	753313	50.15	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.44	232	241547	48.64	nq	# 97
59) Diethylphthalate	15.60	149	814879	50.03	nq	98
60) 4-Chlorophenyl-phenylether	15.83	204	414443	48.68	nq	95
61) 4-Nitroaniline	15.90	138	147575	44.96	nq	89
62) Azobenzene	16.13	77	858551	54.66	nq	99
64) 4,6-Dinitro-2-methylphenol	15.95	198	170463	49.00	nq	78
65) n-Nitrosodiphenylamine	16.05	169	707433	52.10	nq	99
66) 4-Bromophenyl-phenylether	16.73	248	297327	47.97	nq	94
67) Hexachlorobenzene	16.85	284	343480	48.30	nq	90
68) Atrazine	16.99	200	310400	52.17	nq	96
69) Pentachlorophenol	17.21	266	336204	91.19	nq	98
70) Phenanthrene	17.60	178	1297898	50.14	nq	96
71) Anthracene	17.69	178	1301418	49.48	nq	100
72) Carbazole	17.96	167	1179804	50.14	nq	97
73) Di-n-butylphthalate	18.48	149	1410290	48.72	nq	97
74) Fluoranthene	19.60	202	1697202	49.64	nq	95
76) Benzidine	19.77	184	400615	23.14	nq	# 95
77) Pyrene	19.96	202	1724913	47.56	nq	98
79) Butylbenzylphthalate	20.81	149	745081	51.17	nq	96
80) Benzo(a)anthracene	21.82	228	1917979	49.55	nq	98
81) 3,3'-Dichlorobenzidine	21.73	252	420112	27.95	nq	99
82) Chrysene	21.90	228	1745635	47.03	nq	98
83) Bis(2-ethylhexyl)phthalate	21.67	149	1048187	51.72	nq	100
84) Di-n-octyl phthalate	22.92	149	1802099	53.56	nq	97
85) Indeno(1,2,3-cd)pyrene	29.13	276	2471193	52.37	nq	# 96
87) Benzo(b)fluoranthene	24.14	252	2010885	49.52	nq	99
88) Benzo(k)fluoranthene	24.22	252	1979983	50.49	nq	98
89) Benzo(a)pyrene	25.07	252	1966031	50.13	nq	97
90) Dibenzo(a,h)anthracene	29.18	278	2090413	50.29	nq	98
91) Benzo(g,h,i)perylene	30.36	276	2033914	49.24	nq	98

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

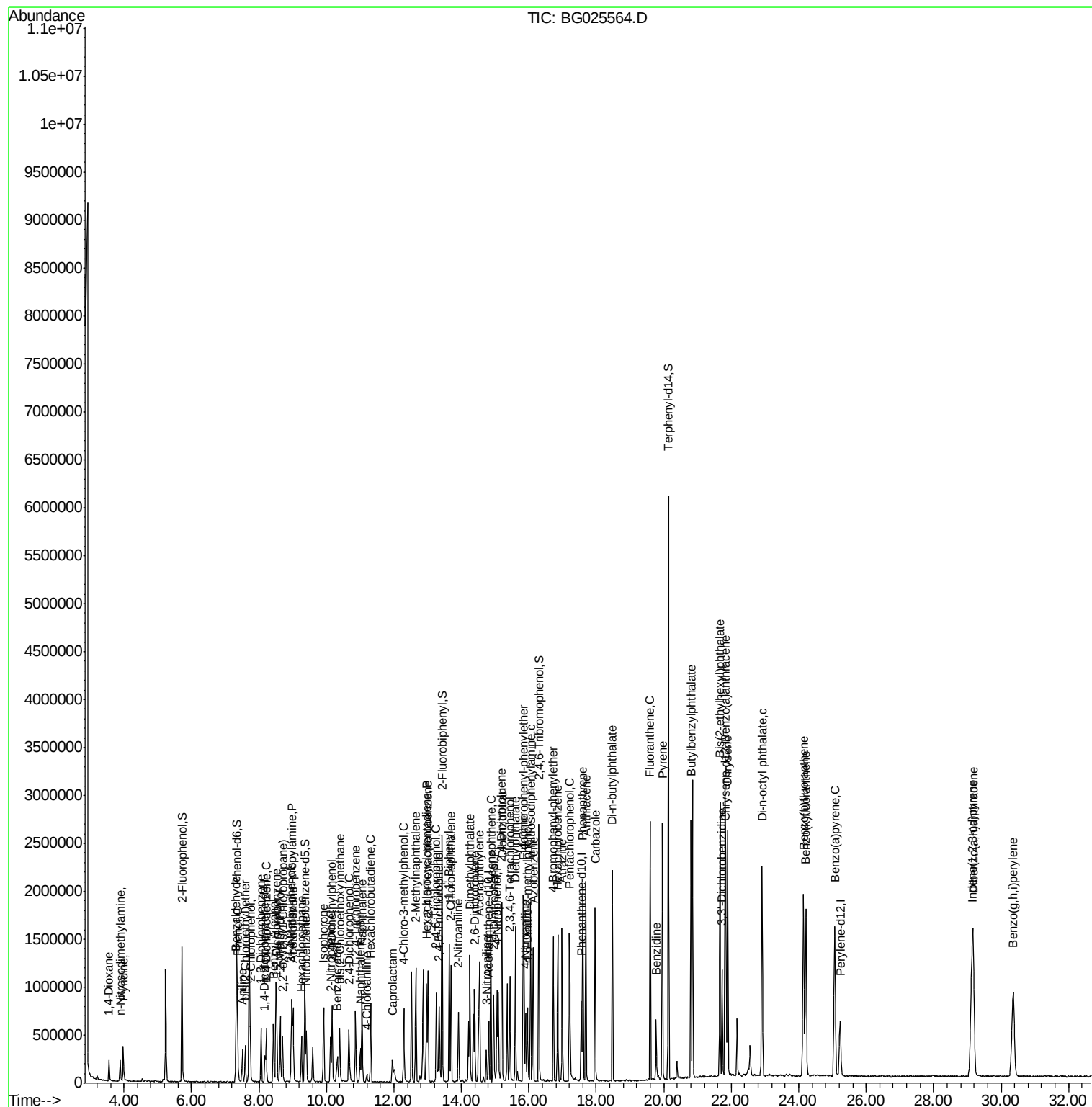
Data Path : Z:\HPCHEM1\BNA G\DATA\BG012017\
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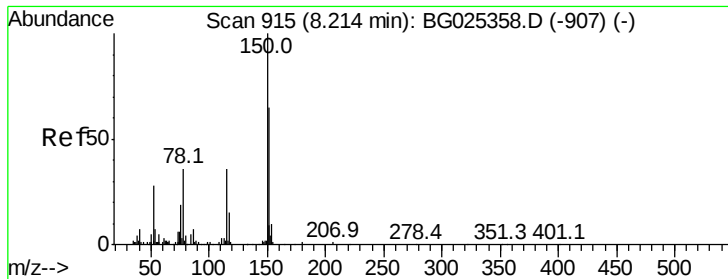
Instrument :
BNA_G
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BLACK-FILL1-0-5FT-COMPMSD

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#1

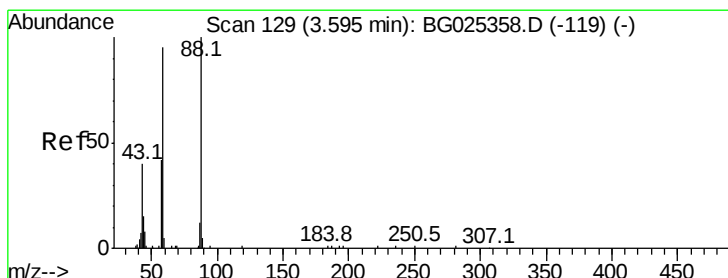
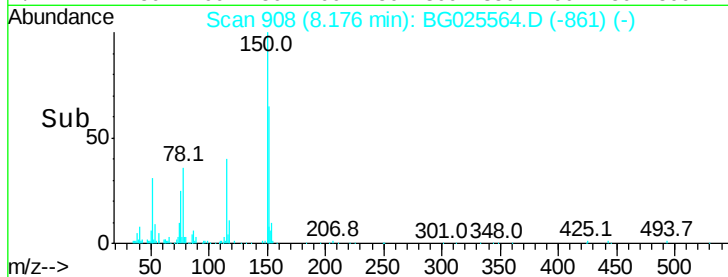
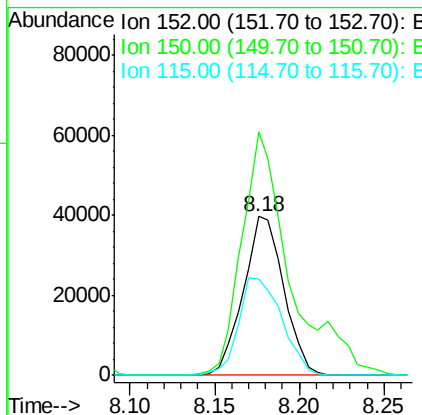
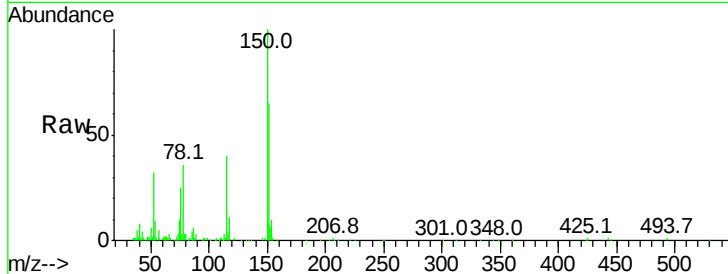
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.18 min Scan# 908
Delta R.T. -0.02 min
Lab File: BG025564.D
Acq: 21 Jan 2017 8:44

Instrument :
BNA_G
ClientSampleId :
BLACK-FILL1-0-5FT-COMPMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	114.0	171.0
115	60.7	48.1	72.1

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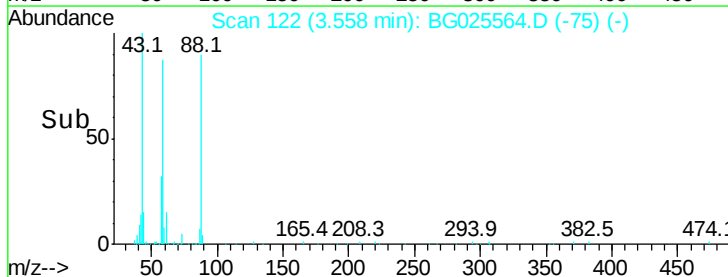
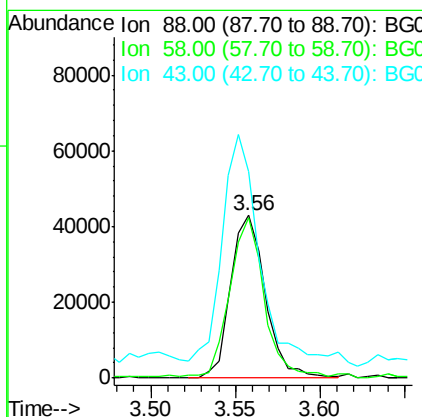
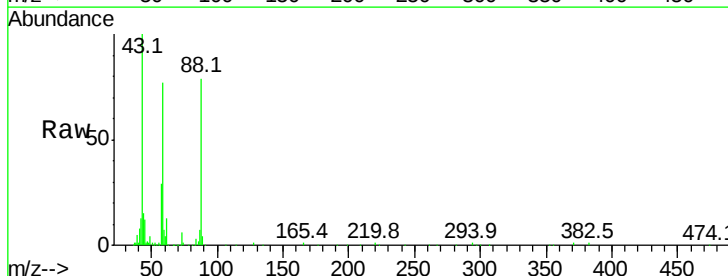
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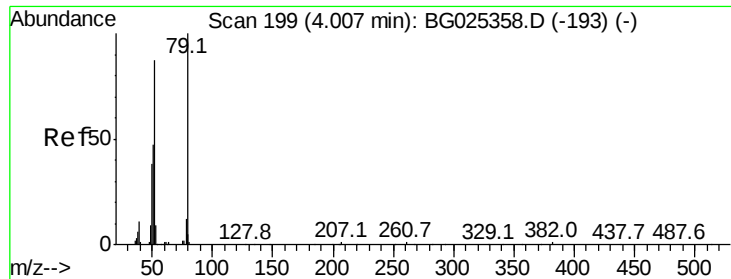


#2

1,4-Dioxane
Concen: 39.87 ng
RT: 3.56 min Scan# 122
Delta R.T. -0.02 min
Lab File: BG025564.D
Acq: 21 Jan 2017 8:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	95.2	79.4	119.2
43	157.1	33.8	50.6





#3

Pvridine

Concen: 38.21 ng

RT: 3.97 min Scan# 193

Delta R.T. -0.02 min

Lab File: BG025564.D

Acq: 21 Jan 2017 8:44

Instrument :

BNA_G

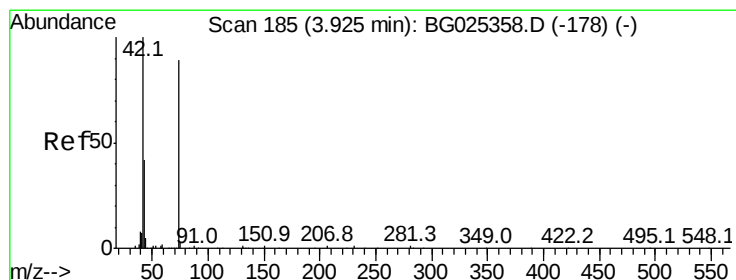
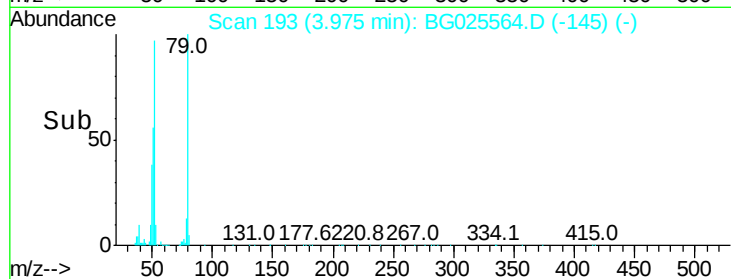
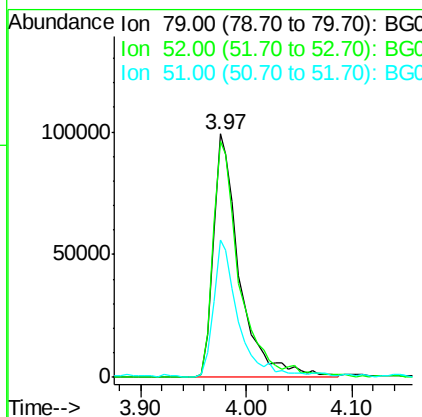
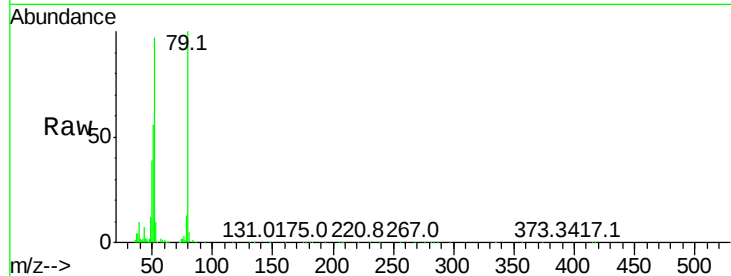
ClientSampleId :

BLACK-FILL1-0-5FT-COMPMSD

Tot Ion:	79	Resp:	171577
Ion Ratio	Lower	Upper	
79	100		
52	96.9	77.8	116.6
51	56.3	43.2	64.8

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#4

n-Nitrosodimethylamine

Concen: 48.41 ng

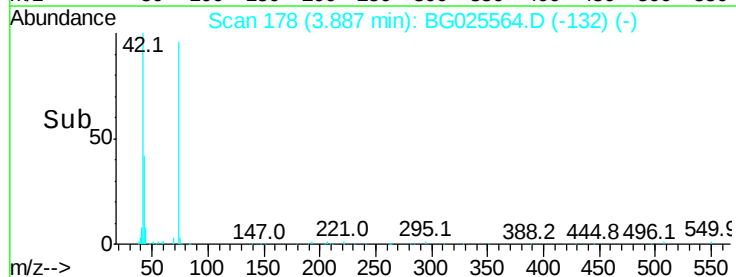
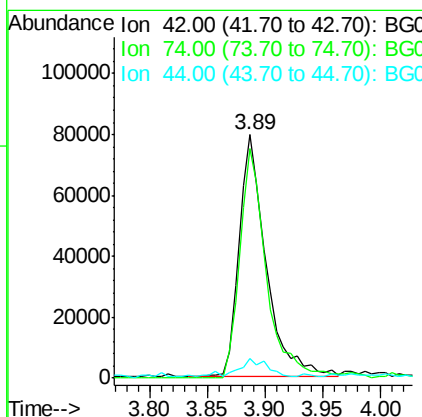
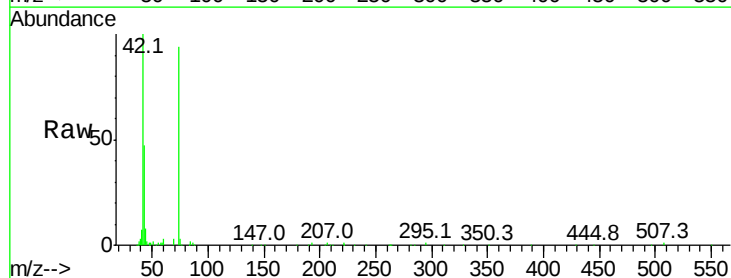
RT: 3.89 min Scan# 178

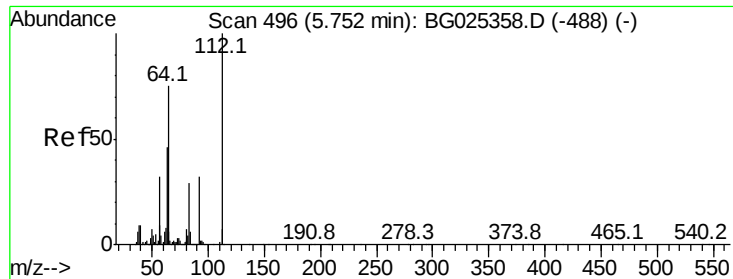
Delta R.T. -0.03 min

Lab File: BG025564.D

Acq: 21 Jan 2017 8:44

Tgt Ion:	42	Resp:	129014
Ion Ratio	Lower	Upper	
42	100		
74	94.2	76.7	115.1
44	8.2	6.1	9.1





#5

2-Fluorophenol

Concen: 154.54 ng

RT: 5.72 min Scan# 490

Delta R.T. -0.02 min

Lab File: BG025564.D

Acq: 21 Jan 2017 8:44

Instrument :

BNA_G

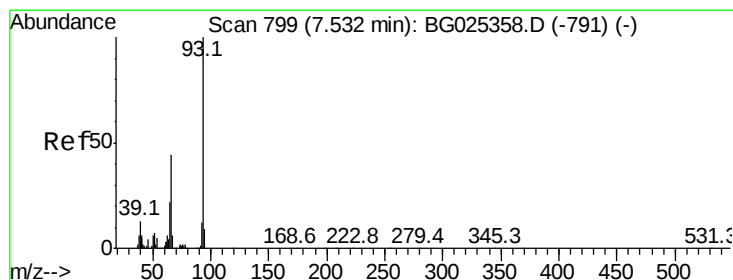
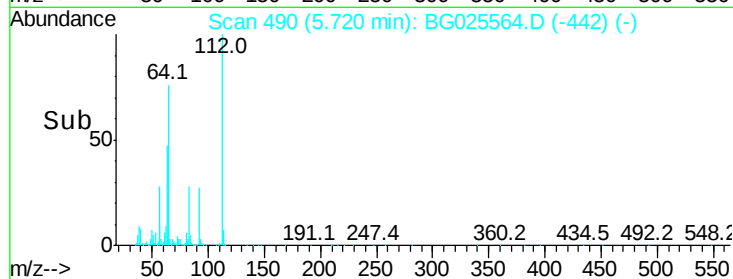
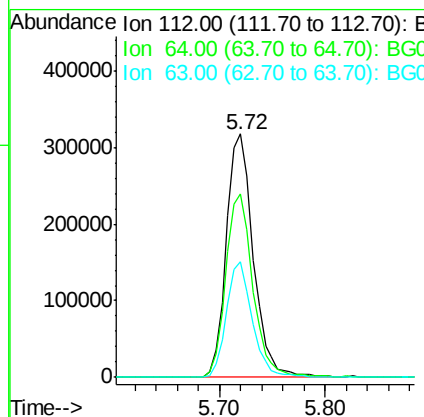
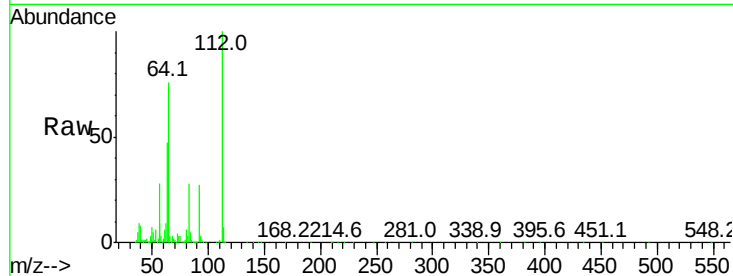
ClientSampleId :

BLACK-FILL1-0-5FT-COMPMSD

Tot Ion:	112	Resp:	560969
Ion Ratio	Lower	Upper	
112	100		
64	75.6	61.8	92.6
63	47.4	37.2	55.8

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#6

Aniline

Concen: 29.00 ng

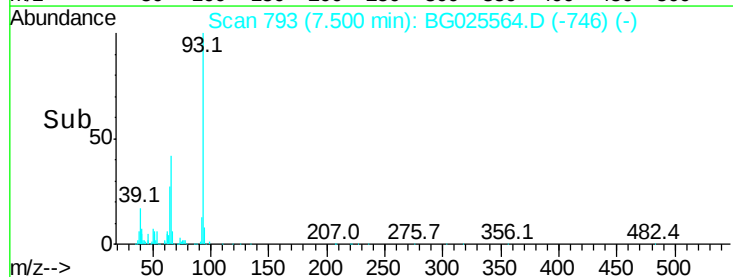
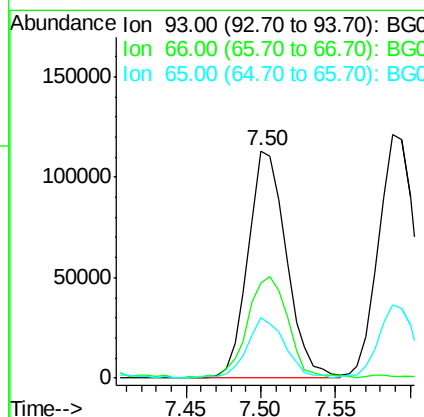
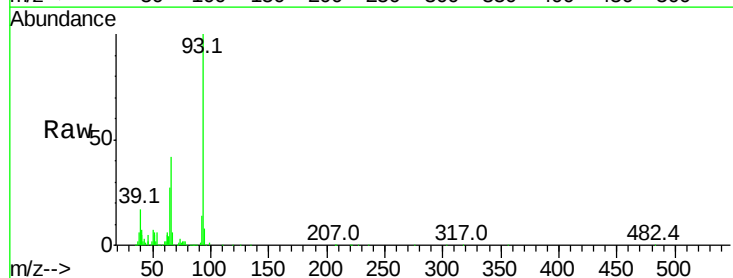
RT: 7.50 min Scan# 793

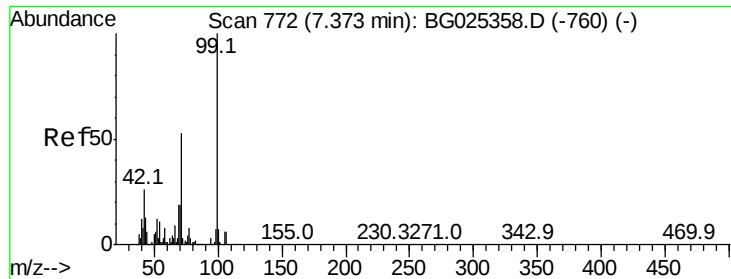
Delta R.T. -0.02 min

Lab File: BG025564.D

Acq: 21 Jan 2017 8:44

Tgt Ion:	93	Resp:	200899
Ion Ratio	Lower	Upper	
93	100		
66	41.7	35.4	53.2
65	26.8	21.2	31.8





#7

Phenol-d6

Concen: 145.68 ng

RT: 7.34 min Scan# 766

Delta R.T. -0.02 min

Lab File: BG025564.D

Acq: 21 Jan 2017 8:44

Instrument :

BNA_G

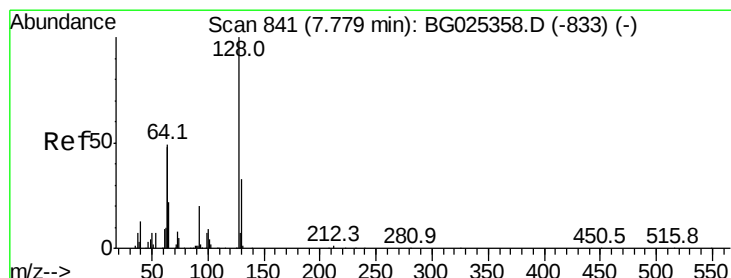
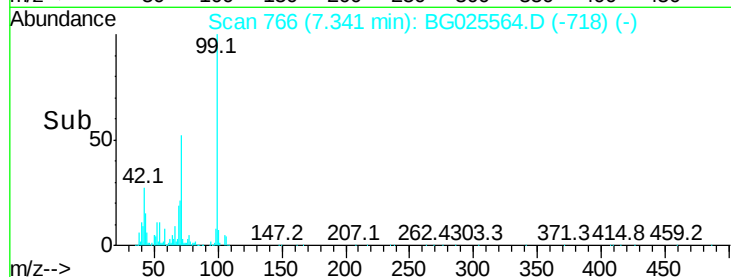
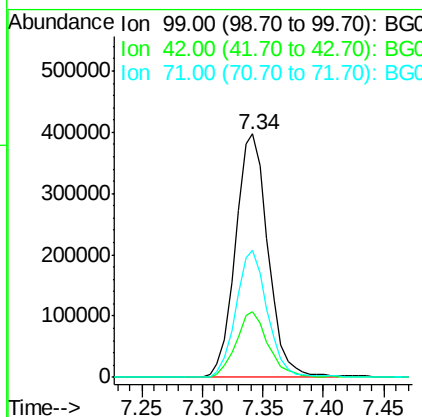
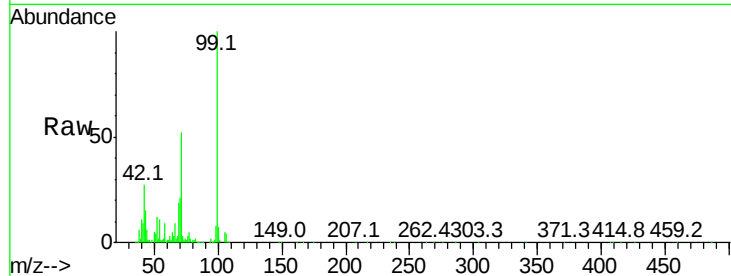
ClientSampleId :

BLACK-FILL1-0-5FT-COMPMSD

Tot Ion:	99	Resp:	744792
Ion Ratio	Lower	Upper	
99	100		
42	26.9	20.5	30.7
71	52.0	37.6	56.4

Manual Integrations
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#8

2-Chlorophenol

Concen: 48.07 ng

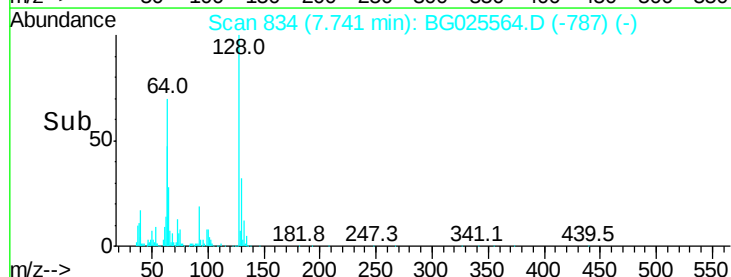
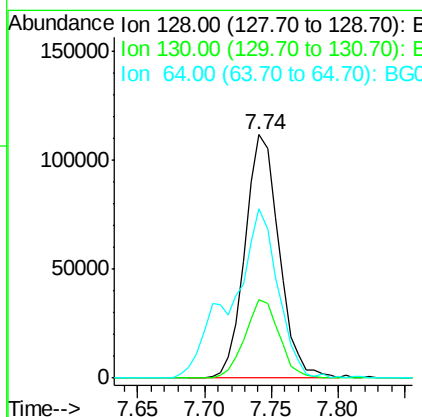
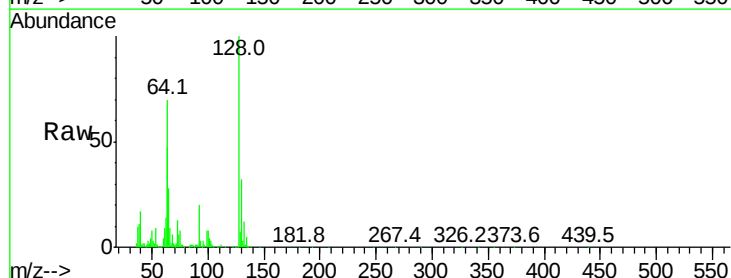
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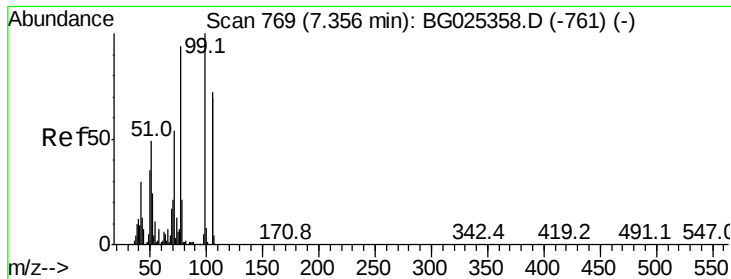
Delta R.T. -0.02 min

Lab File: BG025564.D

Acq: 21 Jan 2017 8:44

Tgt Ion:	128	Resp:	196864
Ion Ratio	Lower	Upper	
128	100		
130	32.3	11.4	51.4
64	69.7	46.6	86.6





#9

Benzaldehyde

Concen: 45.03 ng

RT: 7.32 min Scan# 762

Delta R.T. -0.02 min

Lab File: BG025564.D

Acq: 21 Jan 2017 8:44

Instrument :

BNA_G

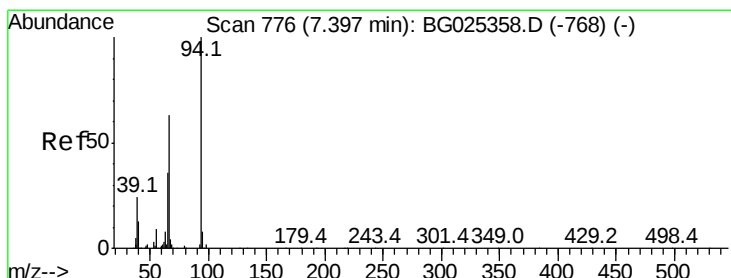
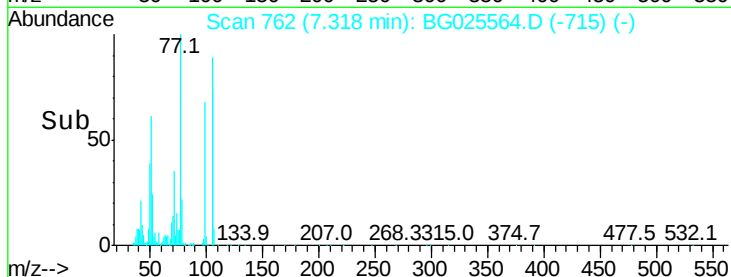
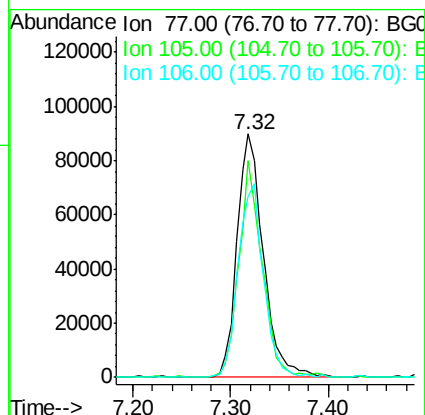
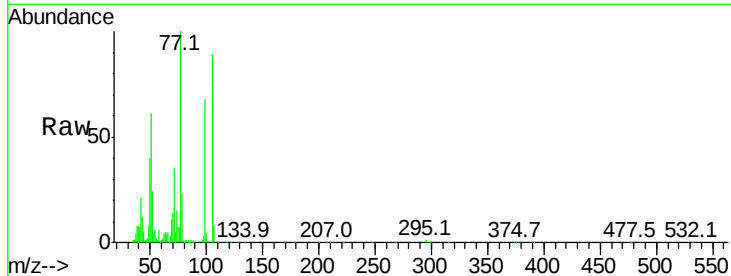
ClientSampleId :

BLACK-FILL1-0-5FT-COMPMSD

Tot Ion:	77	Resp:	168446
Ion Ratio	Lower	Upper	
77	100		
105	89.3	60.9	100.9
106	74.4	55.1	95.1

Manual Integrations
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#10

Phenol

Concen: 47.26 ng

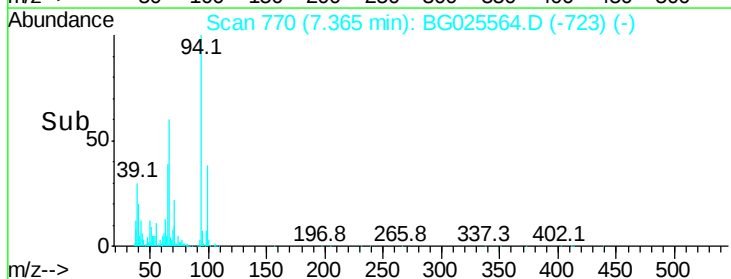
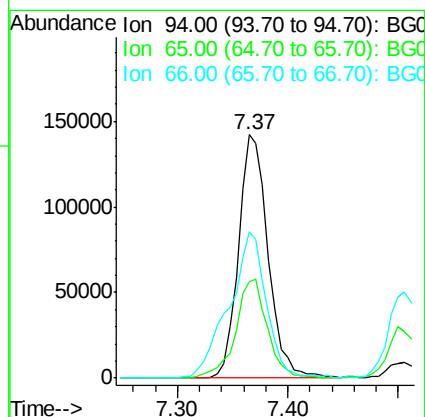
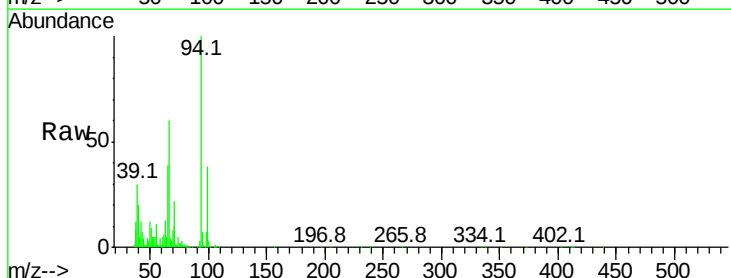
RT: 7.37 min Scan# 770

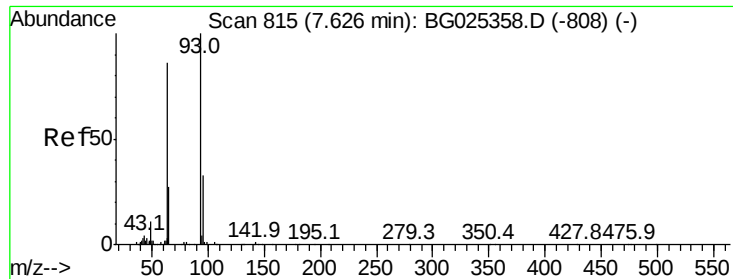
Delta R.T. -0.02 min

Lab File: BG025564.D

Acq: 21 Jan 2017 8:44

Tgt Ion:	94	Resp:	267821
Ion Ratio	Lower	Upper	
94	100		
65	39.4	20.6	60.6
66	59.9	35.5	75.5





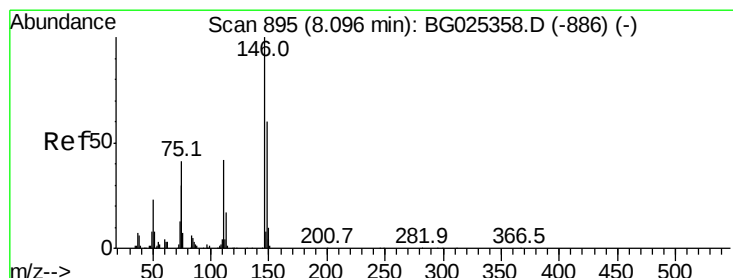
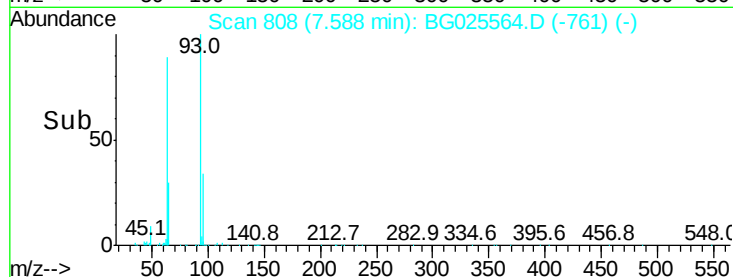
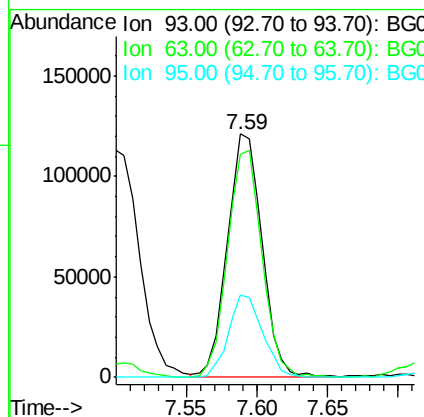
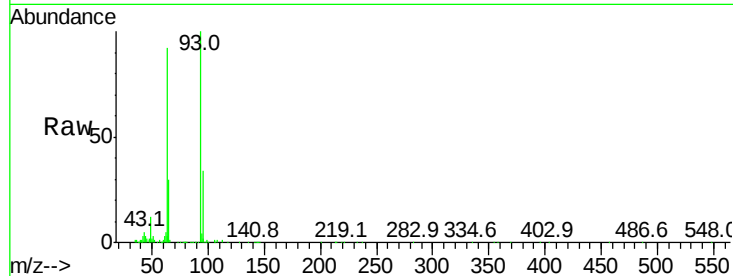
#11
bis(2-Chloroethyl)ether
Concen: 47.31 ng
RT: 7.59 min Scan# 808
Delta R.T. -0.02 min
Lab File: BG025564.D
Acq: 21 Jan 2017 8:44

Instrument :
BNA_G
ClientSampleId :
BLACK-FILL1-0-5FT-COMPMSD

Tot Ion	93	Resp	206594
Ion Ratio	Lower	Upper	
93	100		
63	91.8	78.5	118.5
95	33.7	9.8	49.8

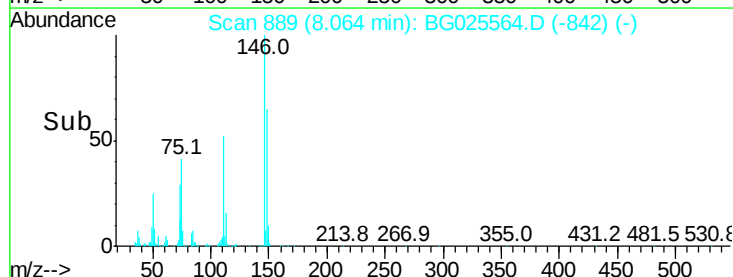
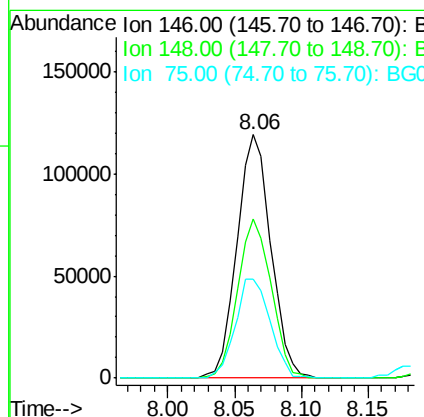
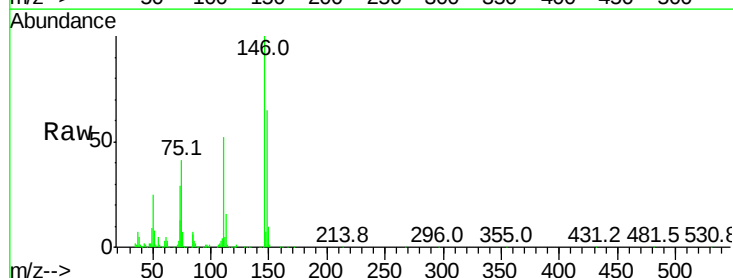
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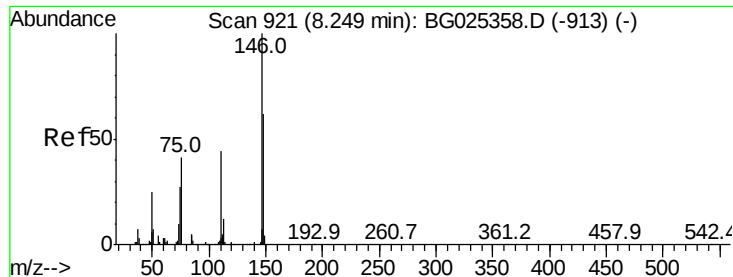
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#12
1,3-Dichlorobenzene
Concen: 42.17 ng
RT: 8.06 min Scan# 889
Delta R.T. -0.02 min
Lab File: BG025564.D
Acq: 21 Jan 2017 8:44

Tgt Ion	146	Resp	208970
Ion Ratio	Lower	Upper	
146	100		
148	65.3	49.2	73.8
75	40.6	33.4	50.2





#13

1,4-Dichlorobenzene

Concen: 43.00 ng

RT: 8.21 min Scan# 914

Delta R.T. -0.03 min

Lab File: BG025564.D

Acq: 21 Jan 2017 8:44

Instrument :

BNA_G

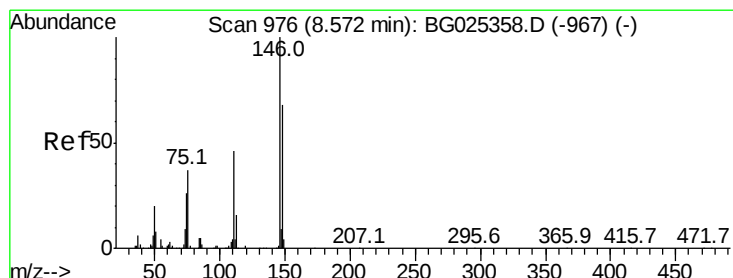
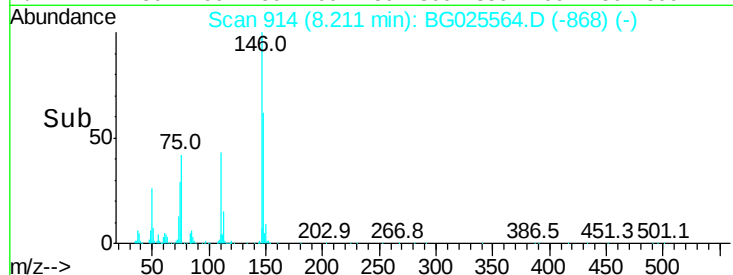
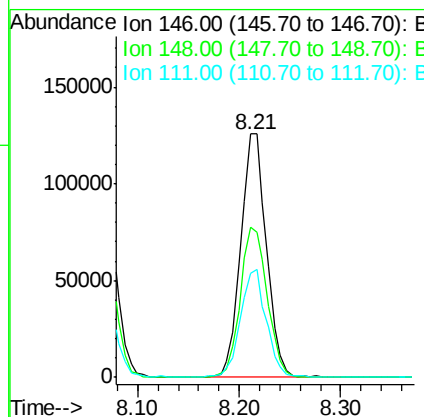
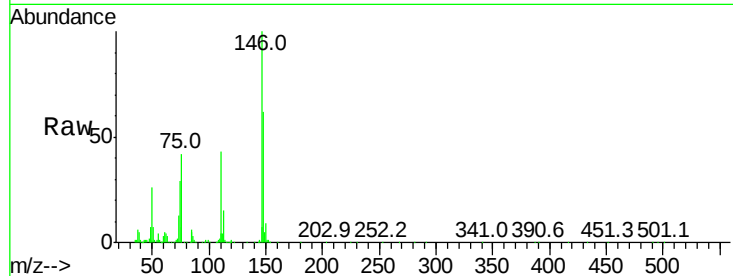
ClientSampleId :

BLACK-FILL1-0-5FT-COMPMSD

Tot Ion:	146	Resp:	220817
Ion Ratio	Lower	Upper	
146	100		
148	61.6	52.2	78.2
111	43.0	37.0	55.6

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#14

1,2-Dichlorobenzene

Concen: 43.07 ng

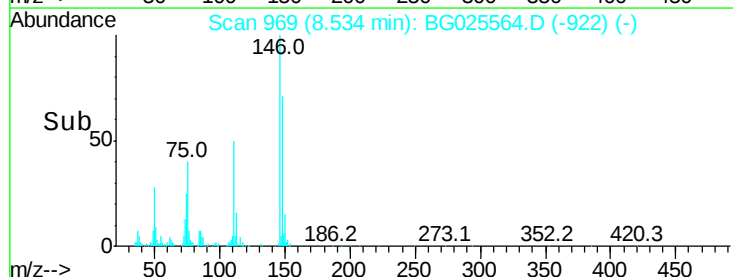
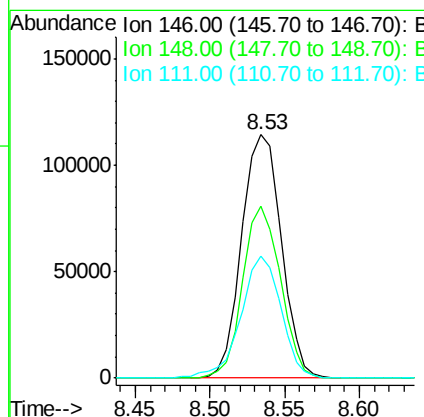
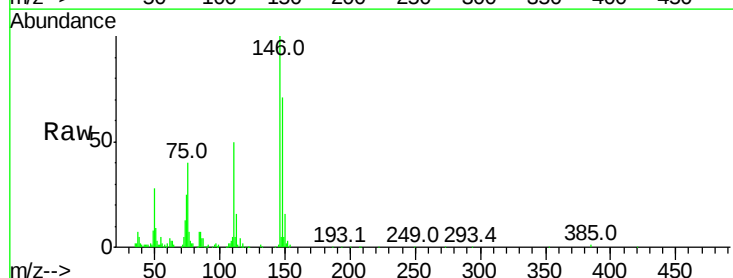
RT: 8.53 min Scan# 969

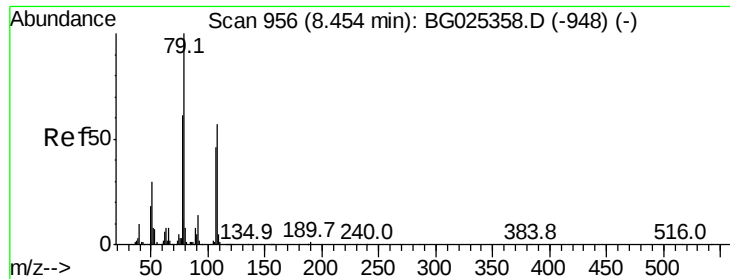
Delta R.T. -0.02 min

Lab File: BG025564.D

Acq: 21 Jan 2017 8:44

Tgt Ion:	146	Resp:	211077
Ion Ratio	Lower	Upper	
146	100		
148	70.6	54.6	81.8
111	50.2	39.7	59.5





#15

Benzyl Alcohol

Concen: 50.95 ng

RT: 8.43 min Scan# 951

Delta R.T. -0.02 min

Lab File: BG025564.D

Acq: 21 Jan 2017 8:44

Instrument :

BNA_G

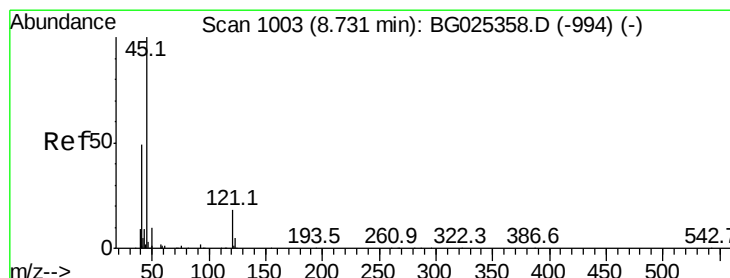
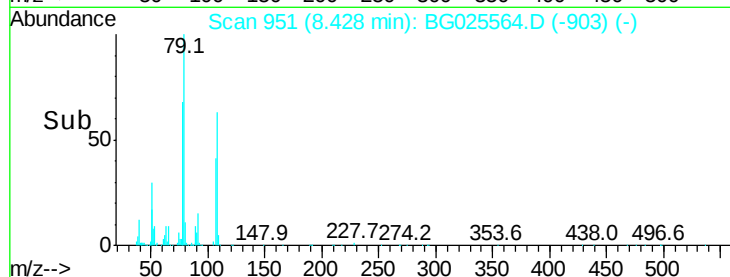
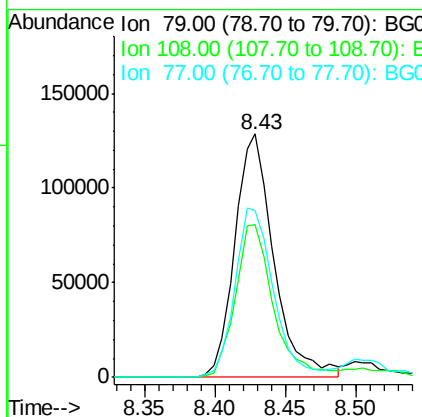
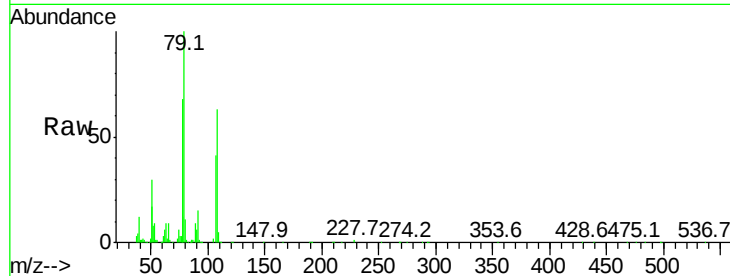
ClientSampleId :

BLACK-FILL1-0-5FT-COMPMSD

Tot Ion:	79	Resp:	248686
Ion Ratio	Lower	Upper	
79	100		
108	62.9	45.5	68.3
77	68.4	54.3	81.5

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#16

2,2'-oxybis(1-chloropropane)

Concen: 48.00 ng

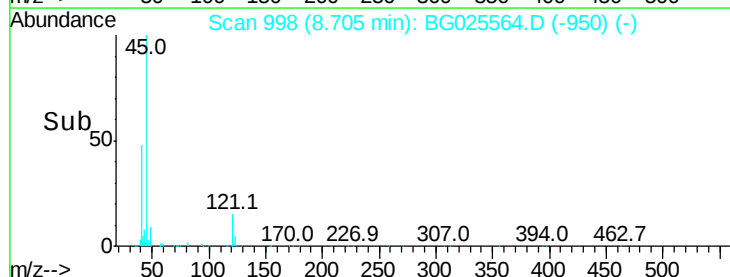
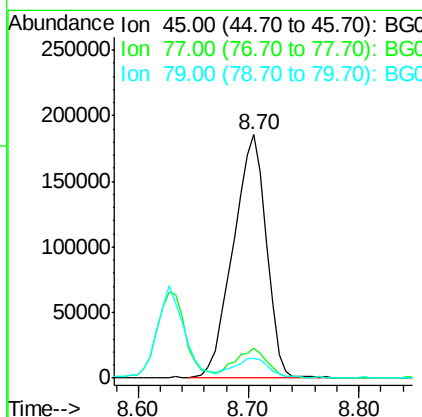
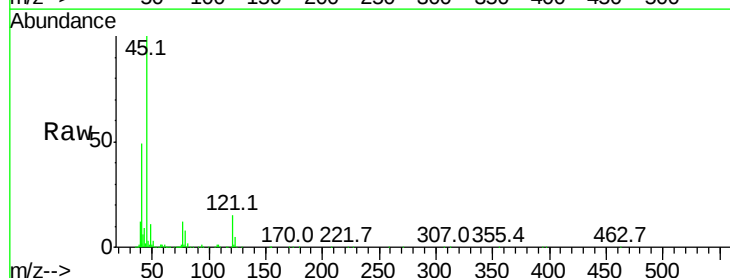
RT: 8.70 min Scan# 998

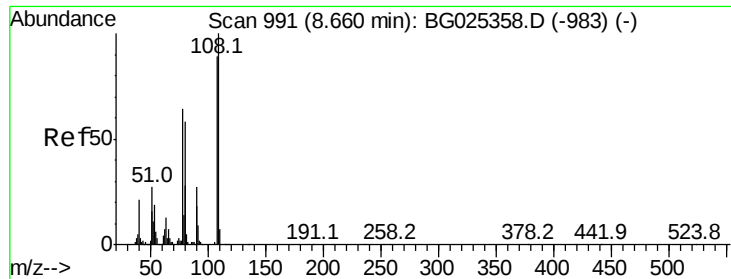
Delta R.T. -0.02 min

Lab File: BG025564.D

Acq: 21 Jan 2017 8:44

Tgt Ion:	45	Resp:	388200
Ion Ratio	Lower	Upper	
45	100		
77	12.3	0.0	30.6
79	8.0	0.0	28.5





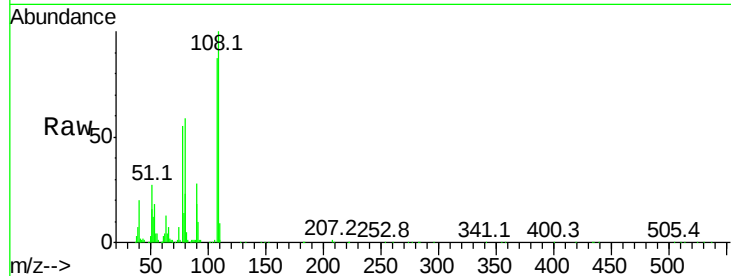
#17
2-Methylphenol
Concen: 49.76 ng
RT: 8.63 min Scan# 985
Delta R.T. -0.02 min
Lab File: BG025564.D
Acq: 21 Jan 2017 8:44

Instrument :
BNA_G
ClientSampleId :
BLACK-FILL1-0-5FT-COMPMSD

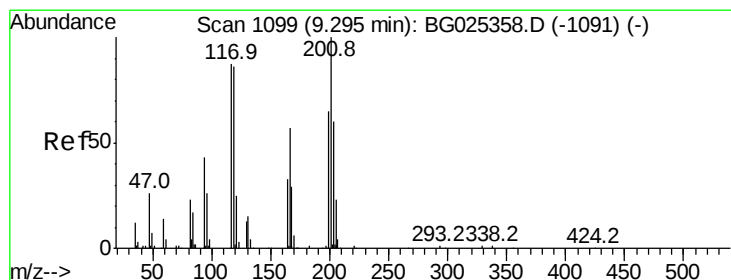
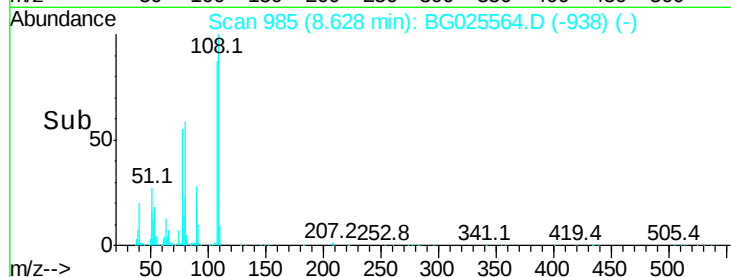
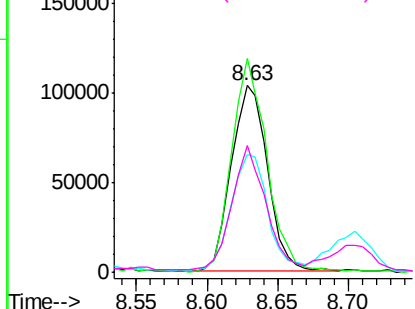
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.5	85.6	128.4	
77	63.4	51.4	77.2	
79	67.9	49.2	73.8	

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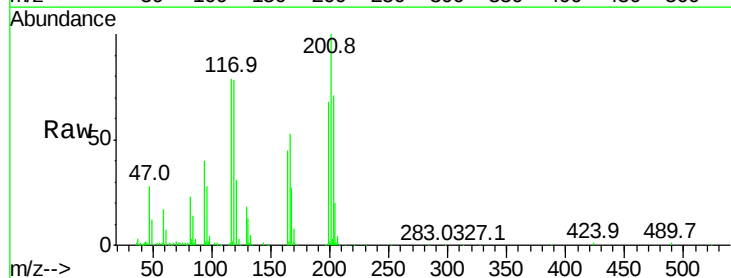


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

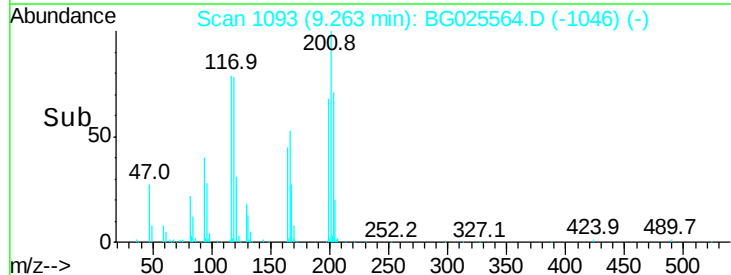
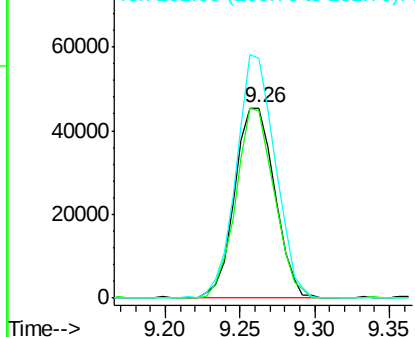


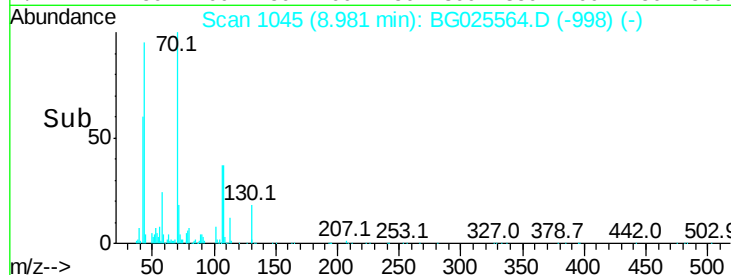
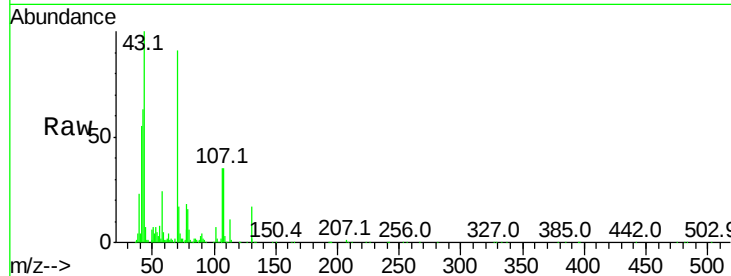
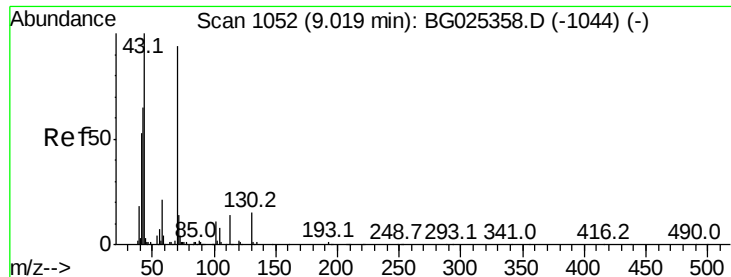
#18
Hexachloroethane
Concen: 42.79 ng
RT: 9.26 min Scan# 1093
Delta R.T. -0.02 min
Lab File: BG025564.D
Acq: 21 Jan 2017 8:44

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.2	69.8	104.6	
201	126.3	95.4	143.0	



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





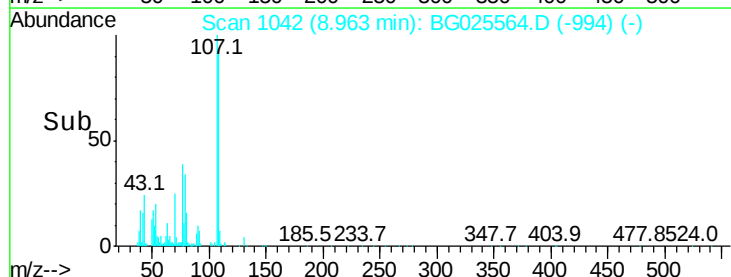
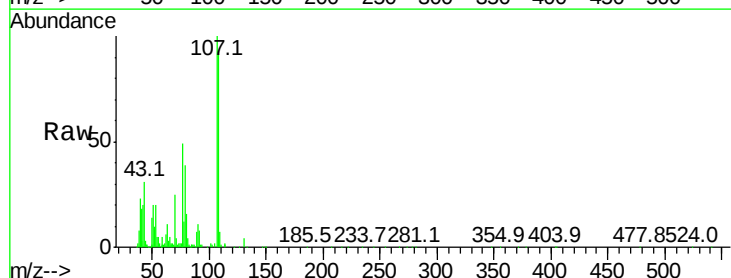
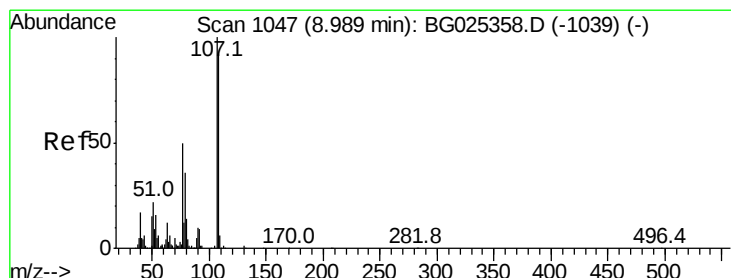
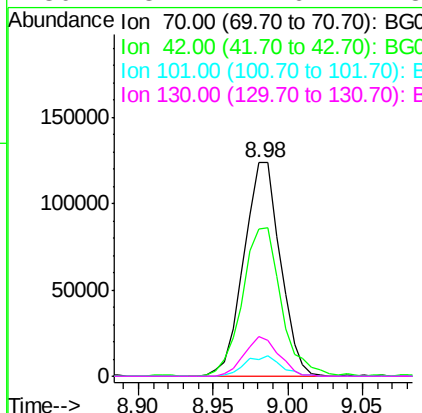
#19
n-Nitroso-di-n-propylamine
Concen: 48.58 ng
RT: 8.98 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BG025564.D
Acq: 21 Jan 2017 8:44

Tot Ion	Ratio	Lower	Upper
70	100		
42	68.9	56.1	84.1
101	8.0	7.5	11.3
130	18.4	14.6	21.8

Instrument :
BNA_G
ClientSampleId :
BLACK-FILL1-0-5FT-COMPMSD

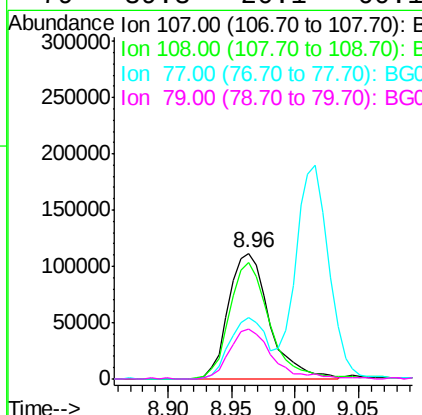
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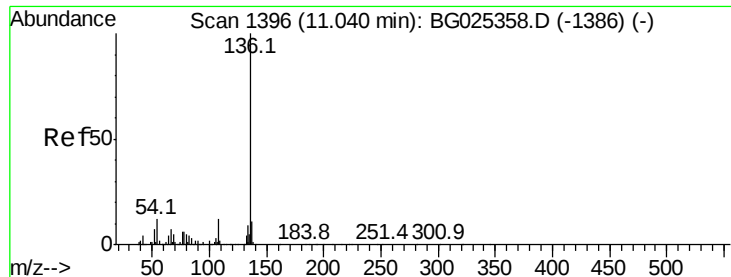
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#20
3+4-Methylphenols
Concen: 48.55 ng
RT: 8.96 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BG025564.D
Acq: 21 Jan 2017 8:44

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.5	70.8	110.8
77	48.6	25.8	65.8
79	39.3	20.1	60.1





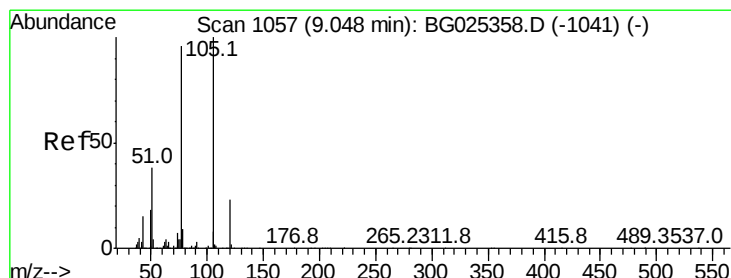
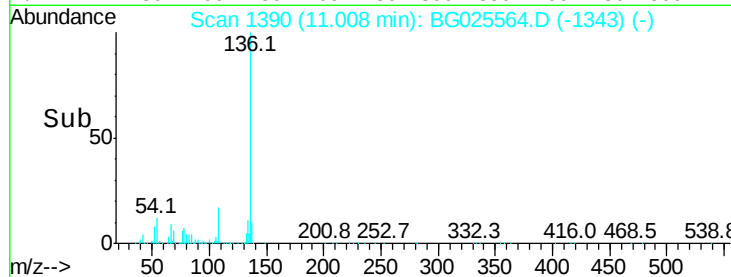
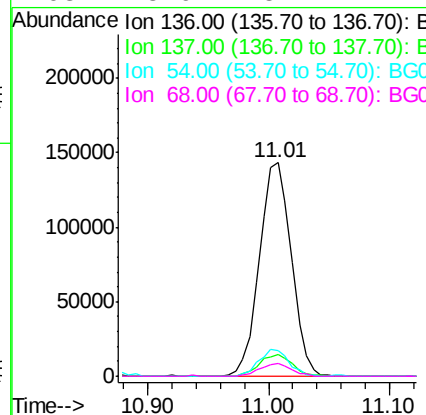
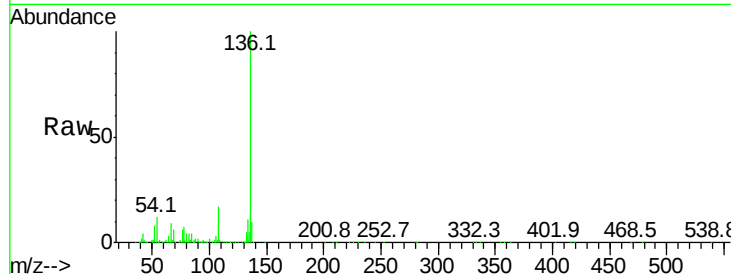
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.01 min Scan# 1390
Delta R.T. -0.02 min
Lab File: BG025564.D
Acq: 21 Jan 2017 8:44

Instrument :
BNA_G
ClientSampleId :
BLACK-FILL1-0-5FT-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	262728		
137	10.1	8.9	13.3	
54	12.2	9.3	13.9	
68	5.9	5.1	7.7	

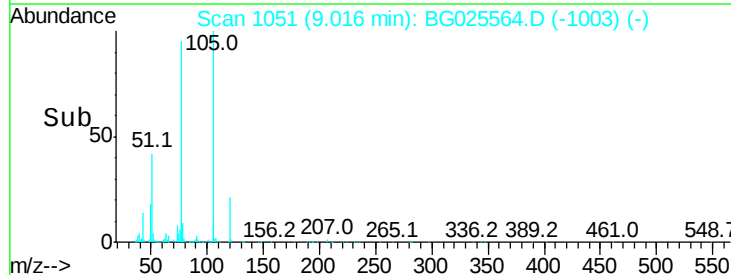
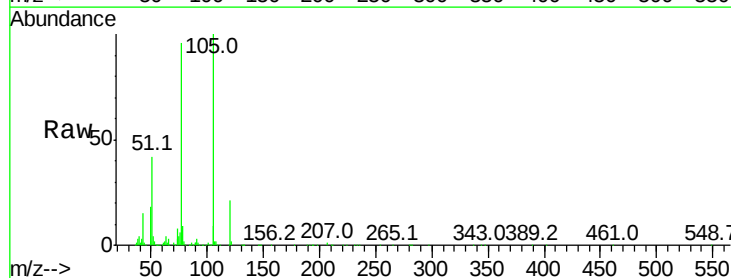
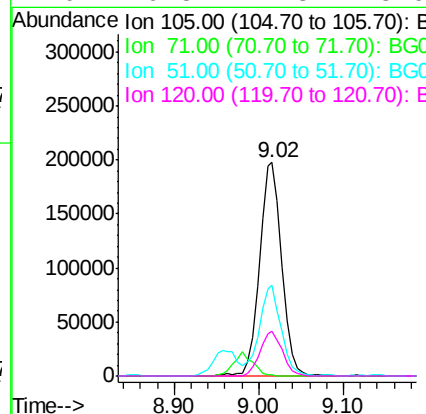
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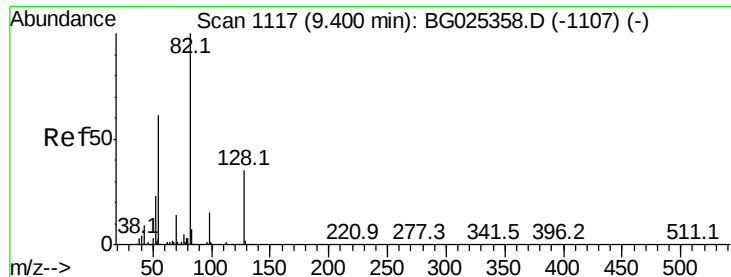
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#22
Acetophenone
Concen: 49.85 ng
RT: 9.02 min Scan# 1051
Delta R.T. -0.02 min
Lab File: BG025564.D
Acq: 21 Jan 2017 8:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	363916		
71	0.4	0.9	1.3#	
51	42.4	34.0	51.0	
120	20.8	17.3	25.9	





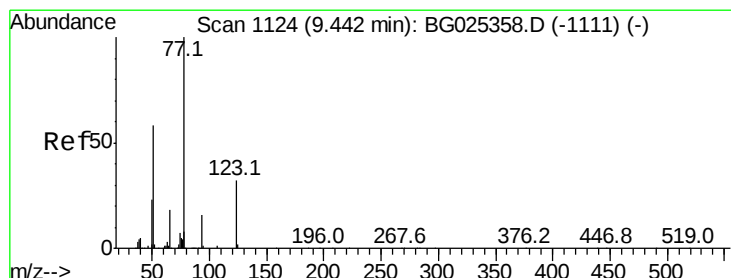
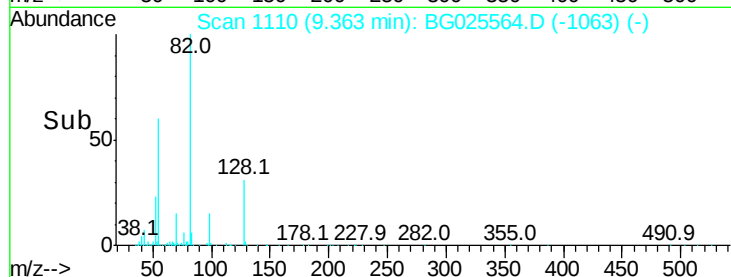
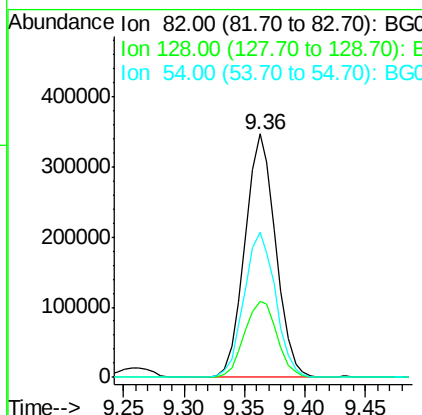
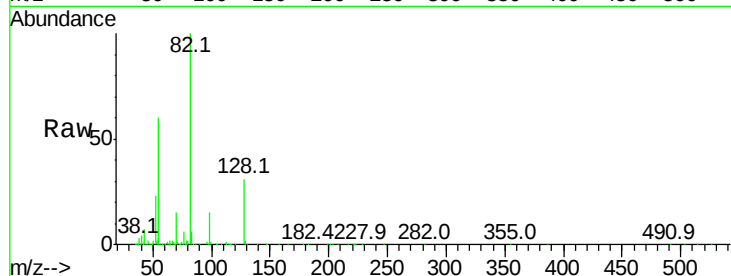
#23
Nitrobenzene-d5
Concen: 103.68 ng
RT: 9.36 min Scan# 1110
Delta R.T. -0.02 min
Lab File: BG025564.D
Acq: 21 Jan 2017 8:44

Instrument :
BNA_G
ClientSampleId :
BLACK-FILL1-0-5FT-COMPMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	31.3	26.4	39.6
54	59.7	49.4	74.2

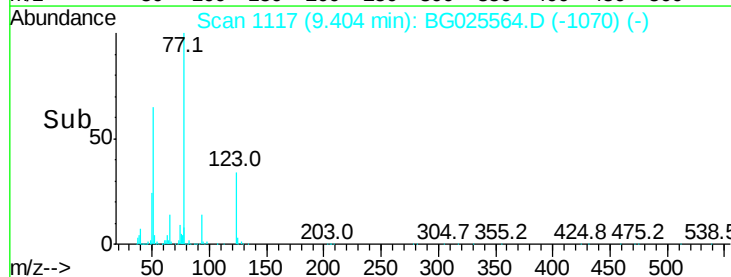
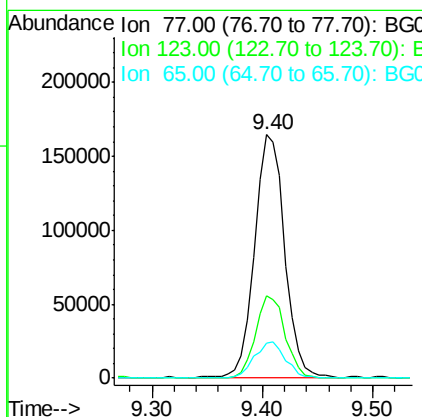
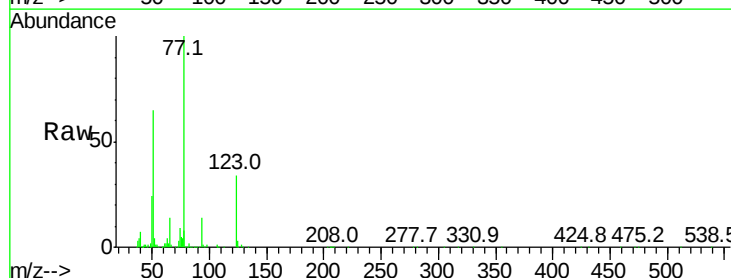
Manual Integrations
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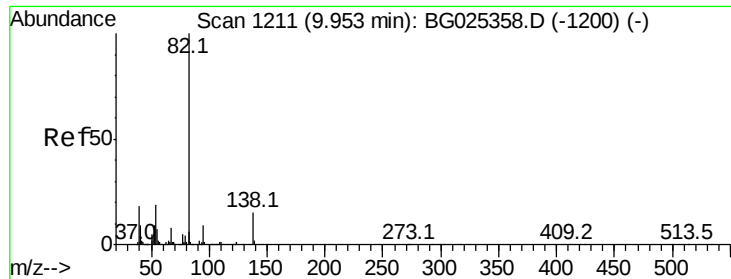
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#24
Nitrobenzene
Concen: 48.53 ng
RT: 9.40 min Scan# 1117
Delta R.T. -0.02 min
Lab File: BG025564.D
Acq: 21 Jan 2017 8:44

Tgt Ion	Ratio	Lower	Upper
77	100		
123	33.7	26.1	39.1
65	14.4	12.4	18.6





#25

Isophorone

Concen: 52.77 ng

RT: 9.92 min Scan# 1205

Delta R.T. -0.02 min

Lab File: BG025564.D

Acq: 21 Jan 2017 8:44

Instrument :

BNA_G

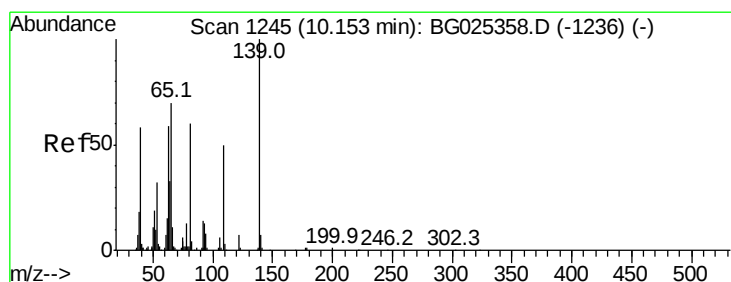
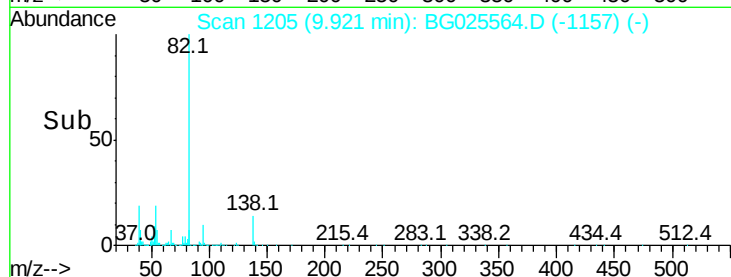
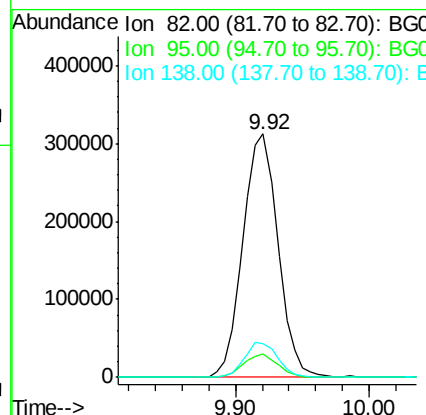
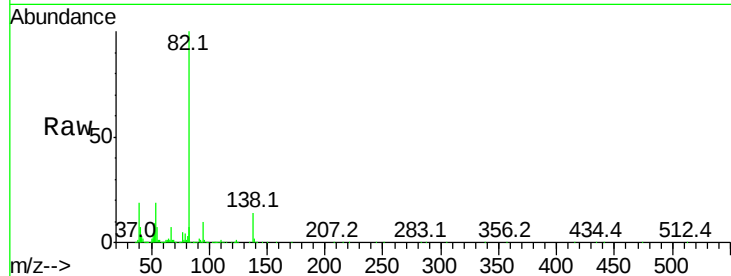
ClientSampleId :

BLACK-FILL1-0-5FT-COMPMSD

Tot Ion	82	Resp	568214
Ion Ratio	Lower	Upper	
82	100		
95	9.6	7.5	11.3
138	14.1	12.3	18.5

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#26

2-Nitrophenol

Concen: 49.00 ng

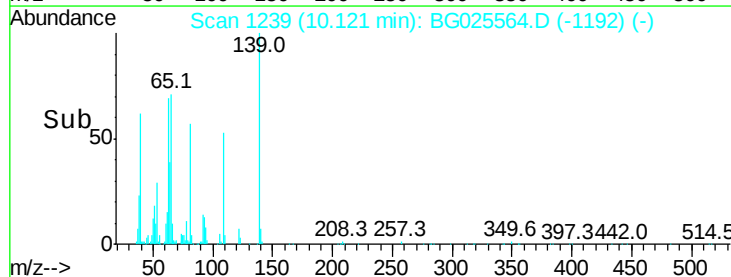
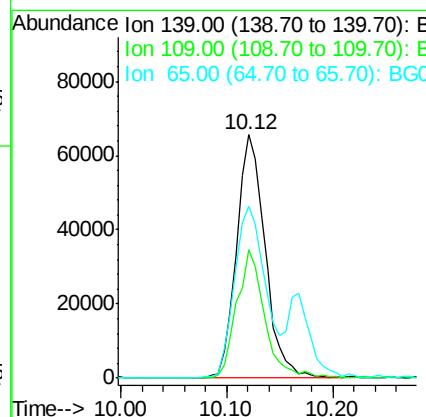
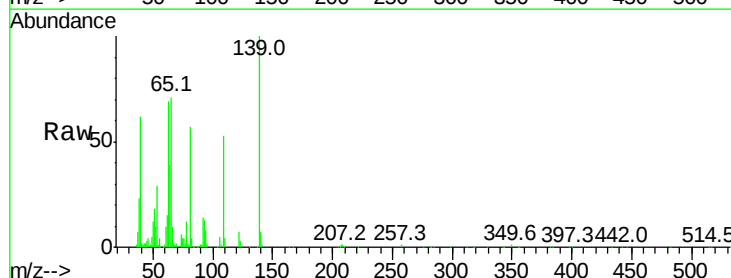
RT: 10.12 min Scan# 1239

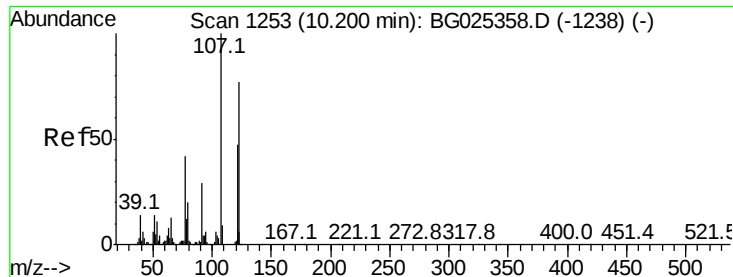
Delta R.T. -0.02 min

Lab File: BG025564.D

Acq: 21 Jan 2017 8:44

Tgt Ion	139	Resp	122237
Ion Ratio	Lower	Upper	
139	100		
109	52.9	38.6	58.0
65	70.8	57.1	85.7





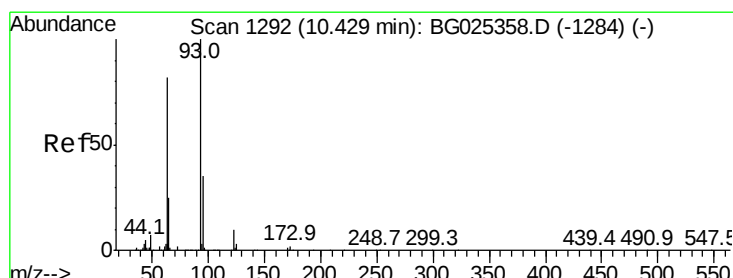
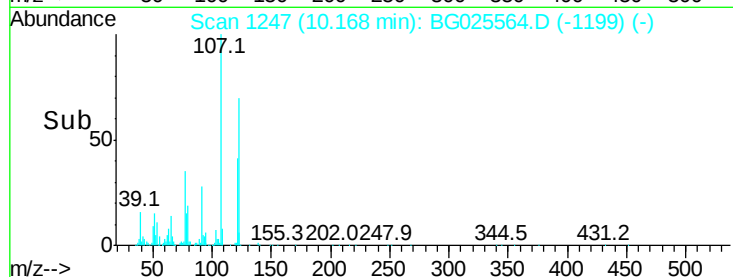
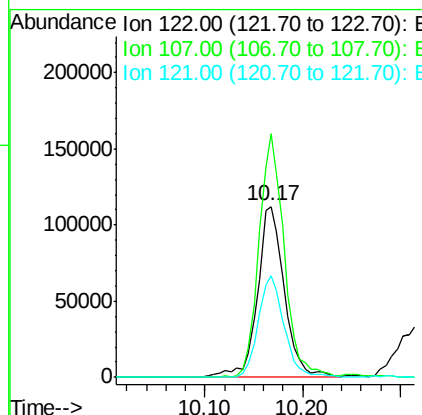
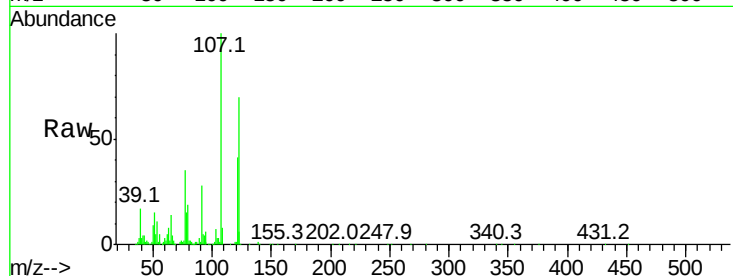
#27
2,4-Dimethylphenol
Concen: 53.29 ng
RT: 10.17 min Scan# 1247
Delta R.T. -0.02 min
Lab File: BG025564.D
Acq: 21 Jan 2017 8:44

Instrument :
BNA_G
ClientSampleId :
BLACK-FILL1-0-5FT-COMPMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	142.2	104.2	156.4
121	59.0	46.0	69.0

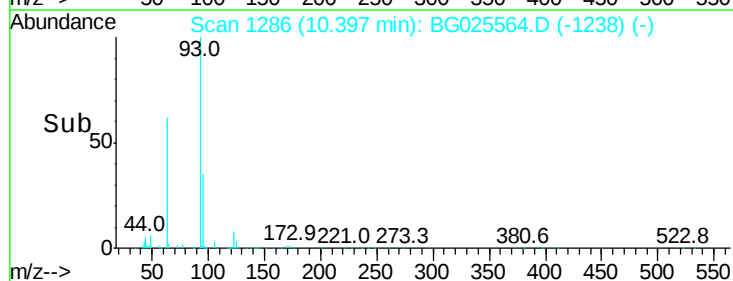
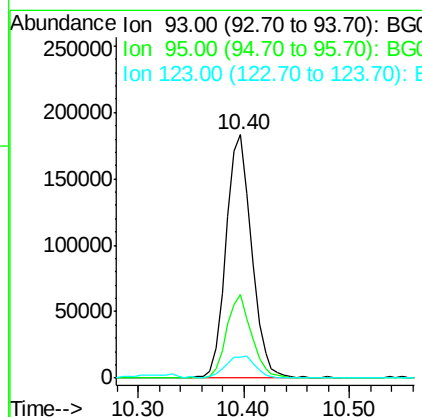
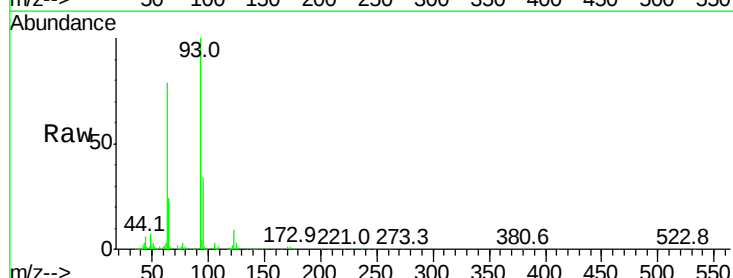
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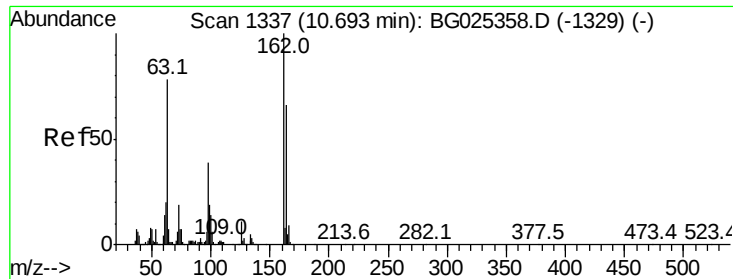
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#28
bis(2-Chloroethoxy)methane
Concen: 55.05 ng
RT: 10.40 min Scan# 1286
Delta R.T. -0.02 min
Lab File: BG025564.D
Acq: 21 Jan 2017 8:44

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.3	25.7	38.5
123	8.8	8.3	12.5





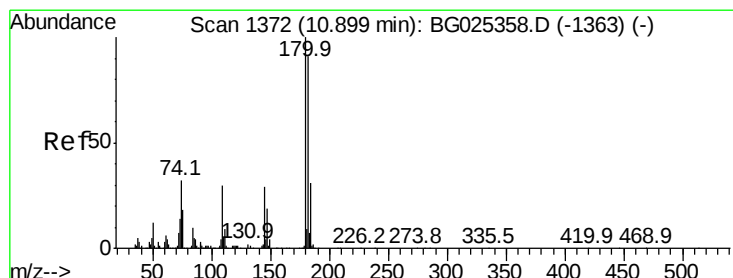
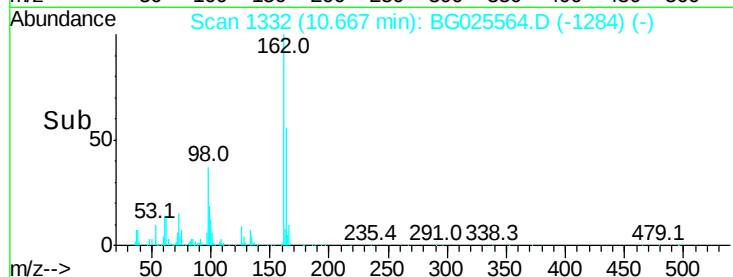
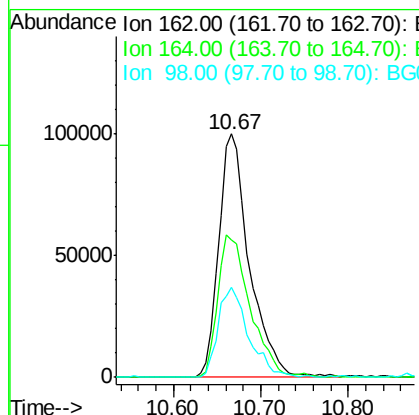
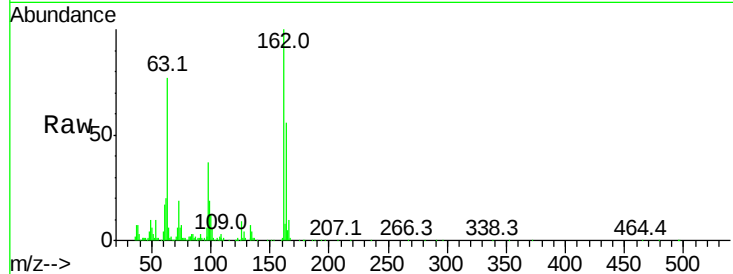
#29
 2,4-Dichlorophenol
 Concen: 54.79 ng
 RT: 10.67 min Scan# 1332
 Delta R.T. -0.02 min
 Lab File: BG025564.D
 Acq: 21 Jan 2017 8:44

Instrument :
 BNA_G
 ClientSampleId :
 BLACK-FILL1-0-5FT-COMPMSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	56.2	42.4	82.4
98	37.0	20.3	60.3

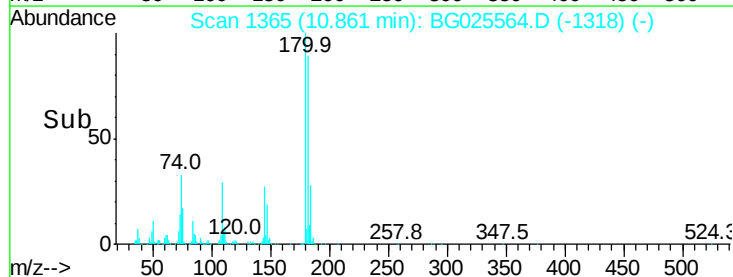
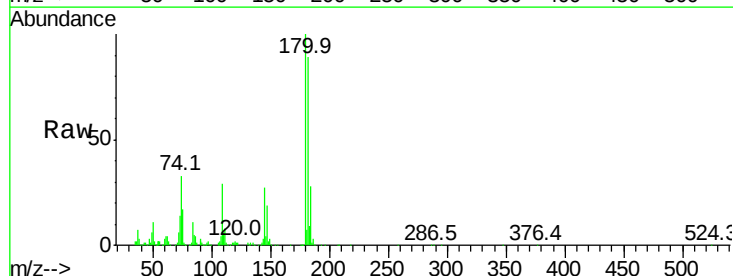
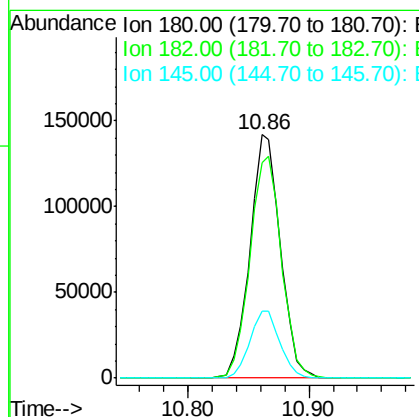
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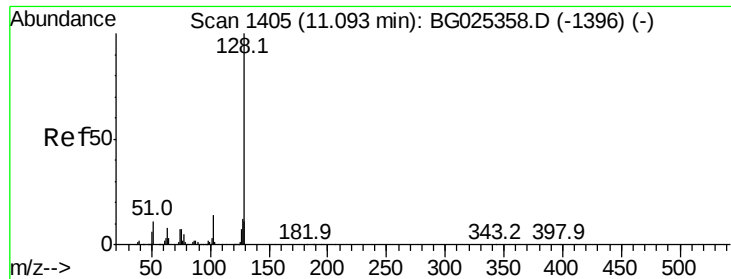
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#30
 1,2,4-Trichlorobenzene
 Concen: 46.96 ng
 RT: 10.86 min Scan# 1365
 Delta R.T. -0.02 min
 Lab File: BG025564.D
 Acq: 21 Jan 2017 8:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	88.7	77.0	115.4
145	27.4	23.4	35.0





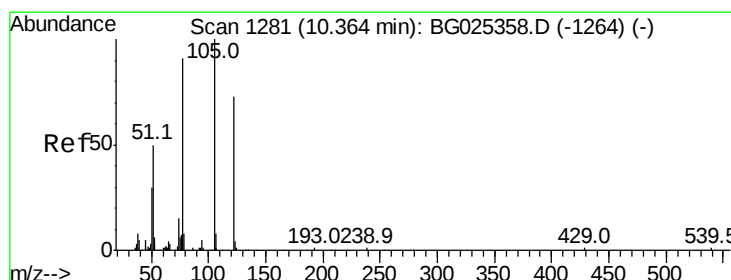
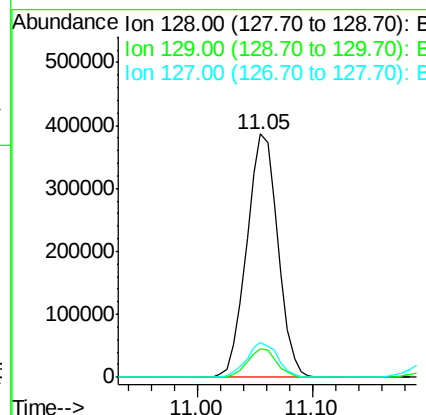
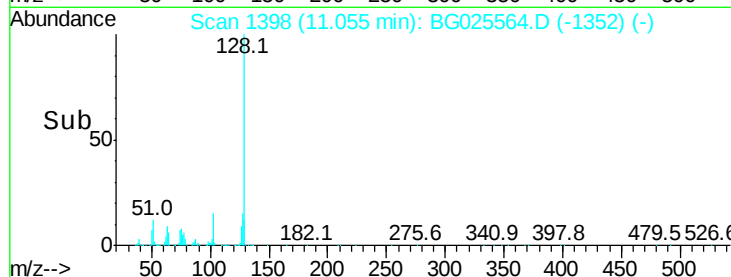
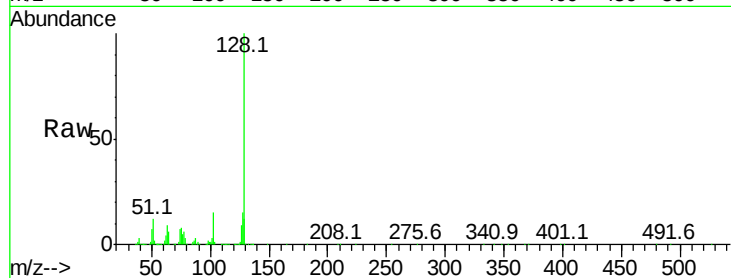
#31
Naphthalene
Concen: 55.17 ng
RT: 11.05 min Scan# 1398
Delta R.T. -0.03 min
Lab File: BG025564.D
Acq: 21 Jan 2017 8:44

Instrument :
BNA_G
ClientSampleId :
BLACK-FILL1-0-5FT-COMPMSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.3	13.9
127	14.6	11.4	17.0

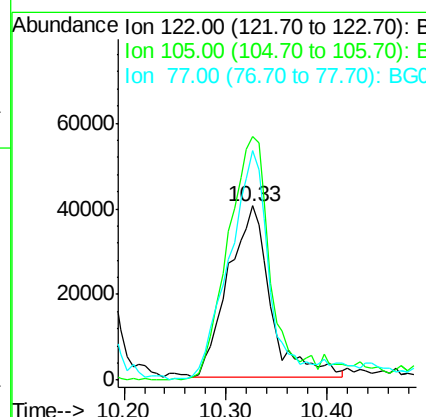
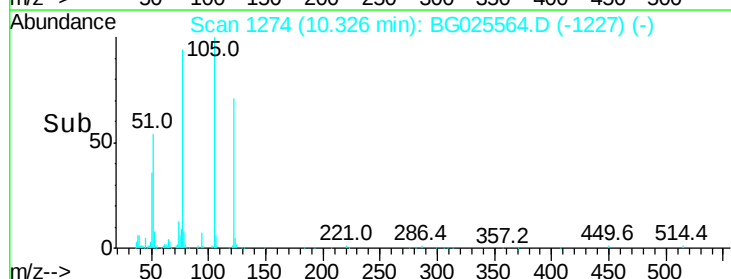
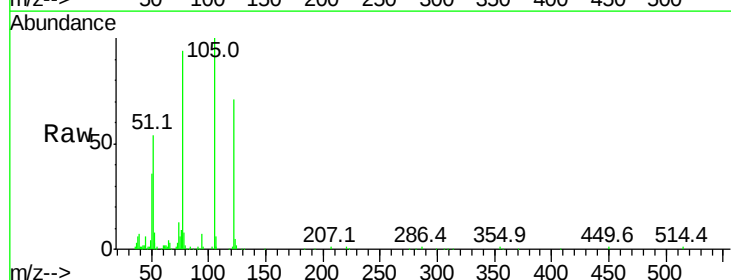
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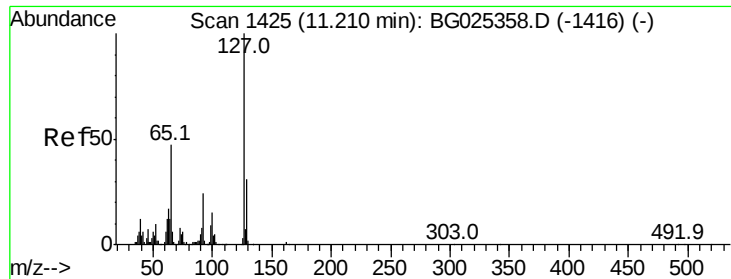
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#32
Benzoic acid
Concen: 35.25 ng
RT: 10.33 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BG025564.D
Acq: 21 Jan 2017 8:44

Tgt Ion	Ratio	Lower	Upper
122	100		
105	140.0	120.1	160.1
77	131.9	104.6	144.6





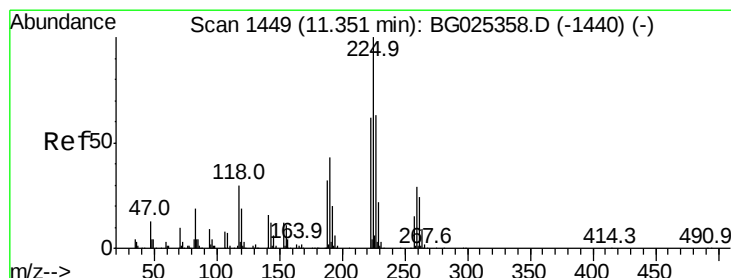
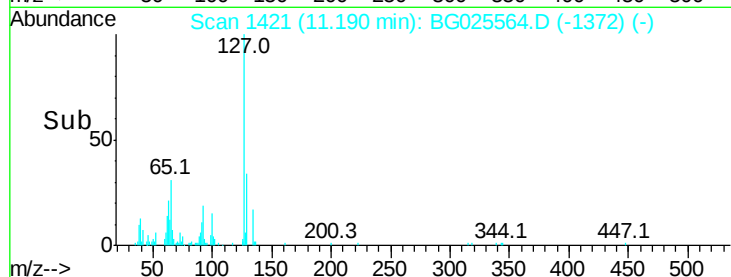
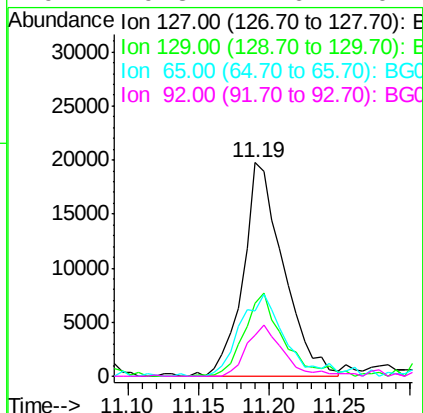
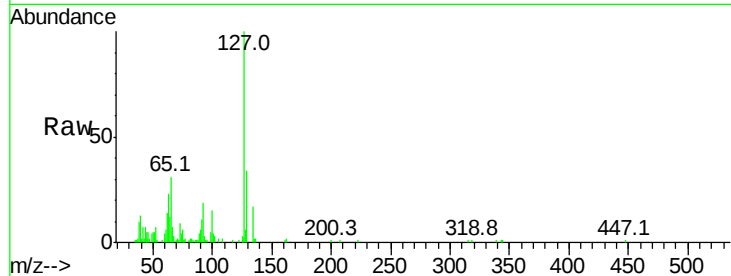
#33
4-Chloroaniline
Concen: 7.17 ng
RT: 11.19 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BG025564.D
Acq: 21 Jan 2017 8:44

Instrument :
BNA_G
ClientSampleId :
BLACK-FILL1-0-5FT-COMPMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	34.2	23.6	35.4		
65	30.6	37.7	56.5		
92	19.3	17.6	26.4		

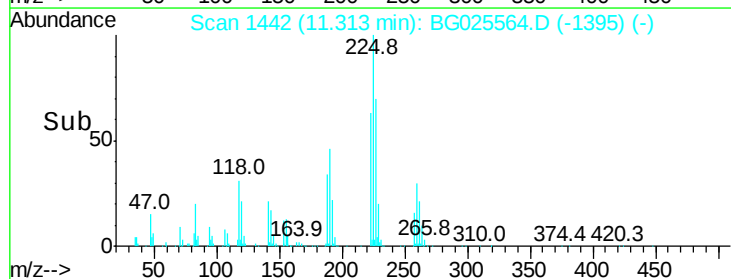
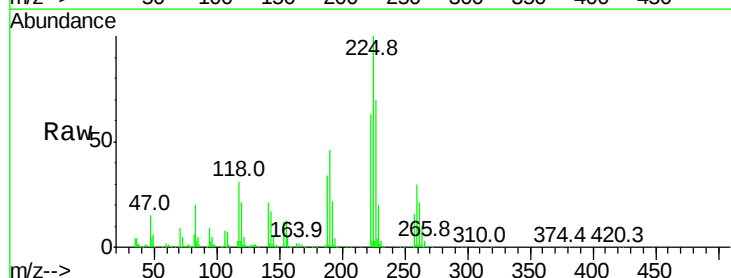
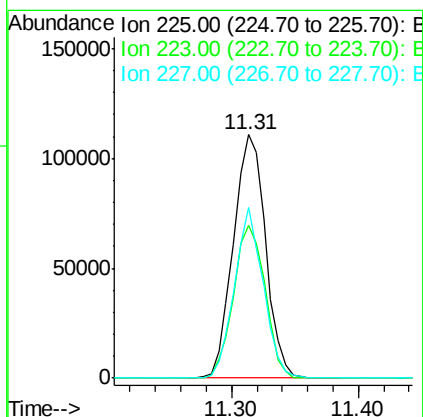
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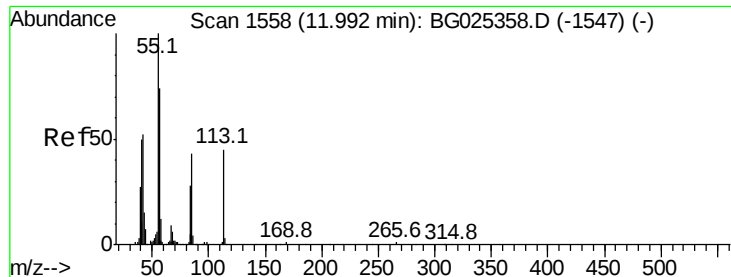
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#34
Hexachlorobutadiene
Concen: 44.81 ng
RT: 11.31 min Scan# 1442
Delta R.T. -0.02 min
Lab File: BG025564.D
Acq: 21 Jan 2017 8:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.6	50.7	76.1		
227	69.9	49.0	73.6		





#35

Caprolactam

Concen: 45.05 ng/ml

RT: 11.96 min Scan# 1552

Delta R.T. -0.02 min

Lab File: BG025564.D

Acq: 21 Jan 2017 8:44

Instrument :

BNA_G

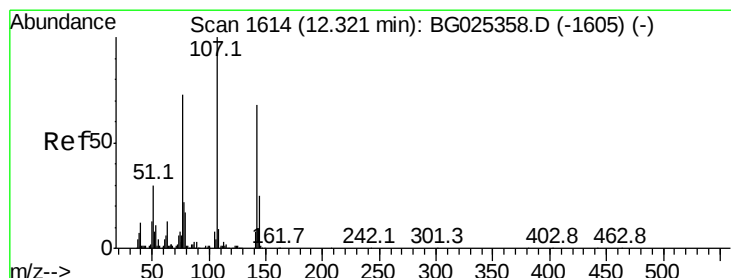
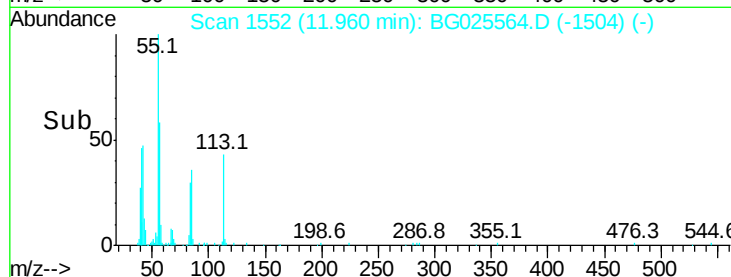
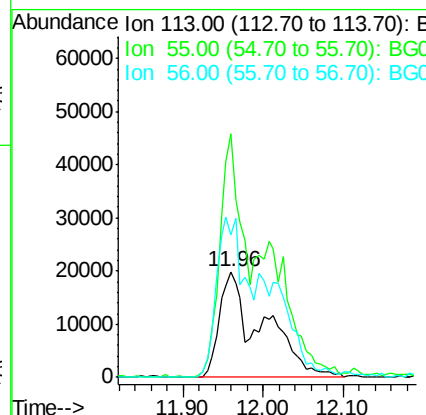
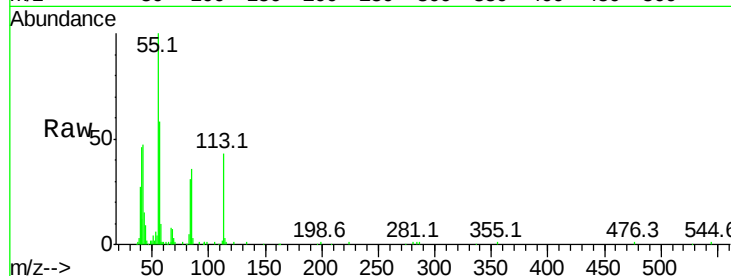
ClientSampleId :

BLACK-FILL1-0-5FT-COMPMSD

Tot Ion:	113	Resp:	74297
Ion Ratio	Lower	Upper	
113	100		
55	230.5	198.6	238.6
56	134.7	140.4	180.4

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#36

4-Chloro-3-methylphenol

Concen: 51.89 ng/ml

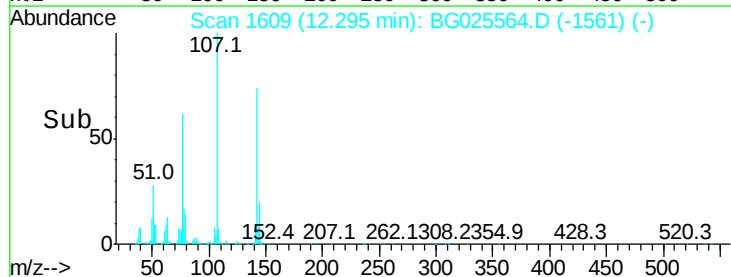
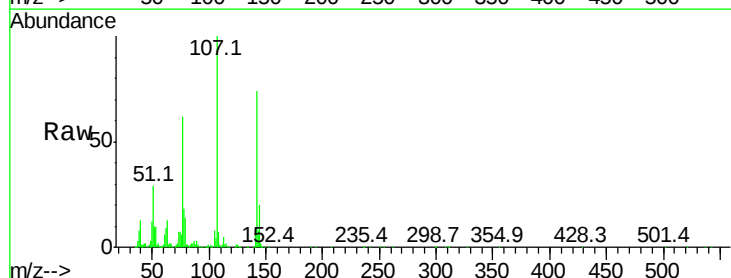
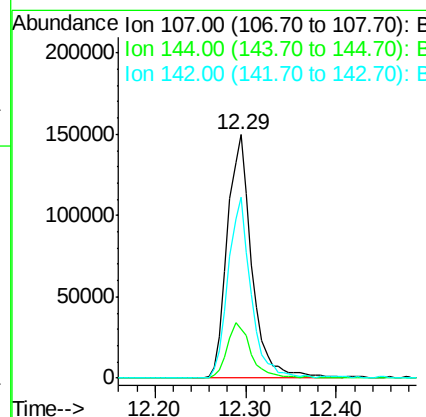
RT: 12.29 min Scan# 1609

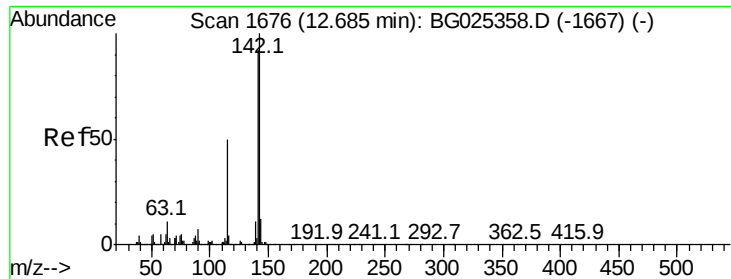
Delta R.T. -0.02 min

Lab File: BG025564.D

Acq: 21 Jan 2017 8:44

Tgt Ion:	107	Resp:	281111
Ion Ratio	Lower	Upper	
107	100		
144	20.0	17.4	26.0
142	74.2	54.1	81.1





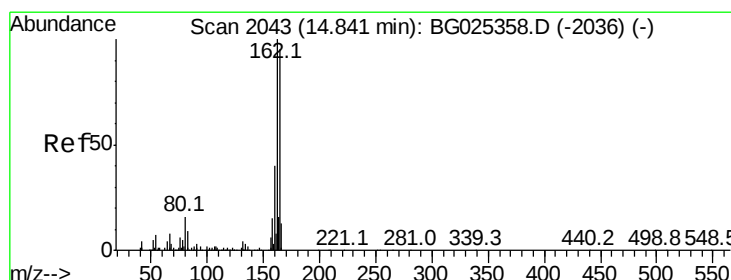
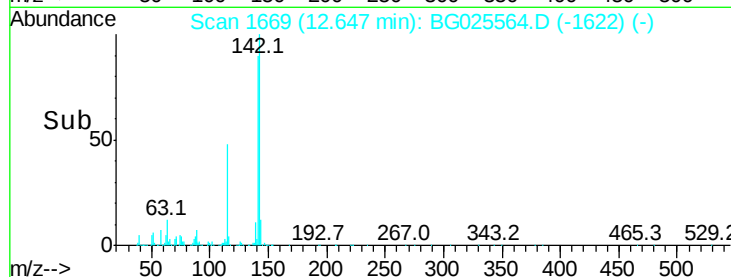
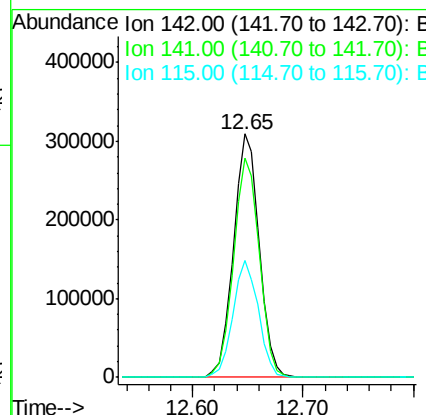
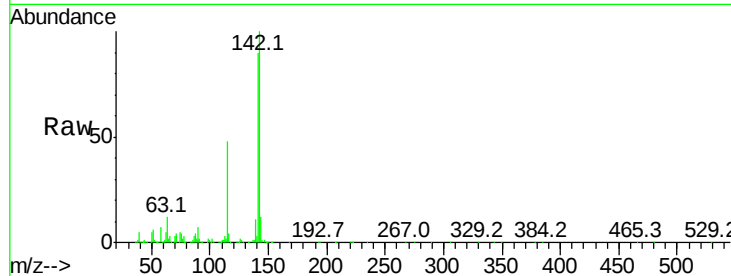
#37
2-Methylnaphthalene
Concen: 51.93 ng
RT: 12.65 min Scan# 1669
Delta R.T. -0.02 min
Lab File: BG025564.D
Acq: 21 Jan 2017 8:44

Instrument :
BNA_G
ClientSampleId :
BLACK-FILL1-0-5FT-COMPMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	70.4	105.6
115	48.2	35.5	53.3

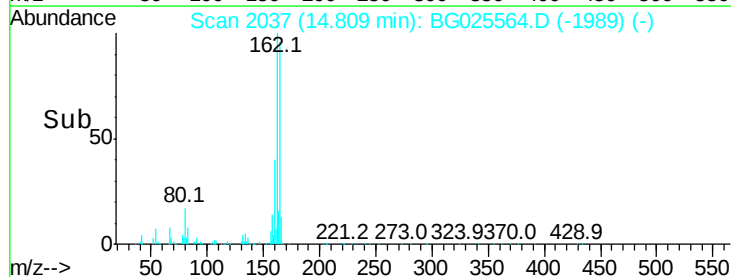
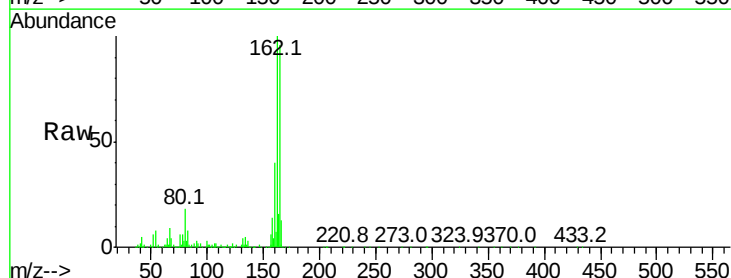
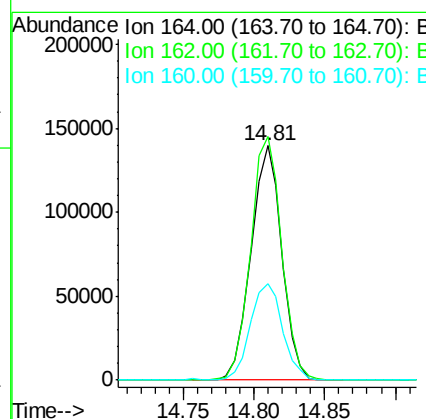
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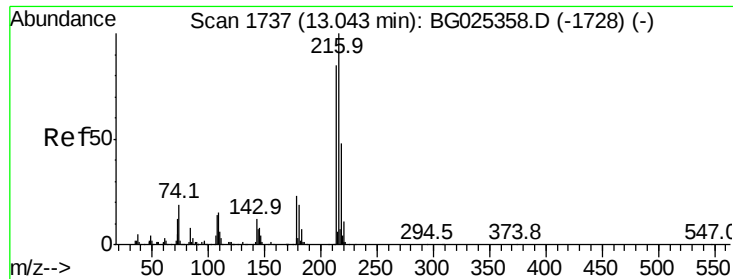
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.81 min Scan# 2037
Delta R.T. -0.02 min
Lab File: BG025564.D
Acq: 21 Jan 2017 8:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.0	85.1	127.7
160	41.3	34.7	52.1





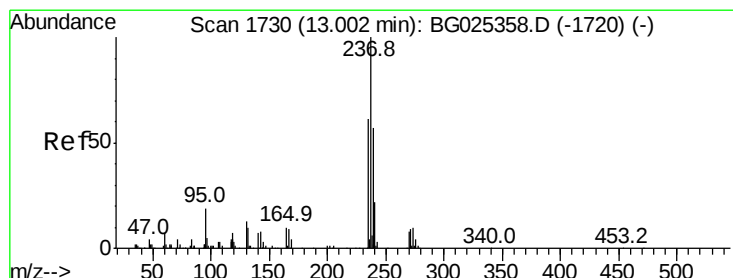
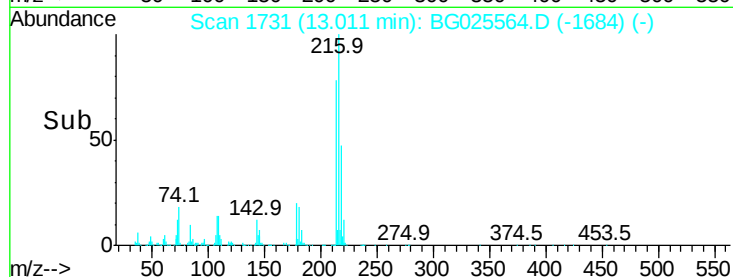
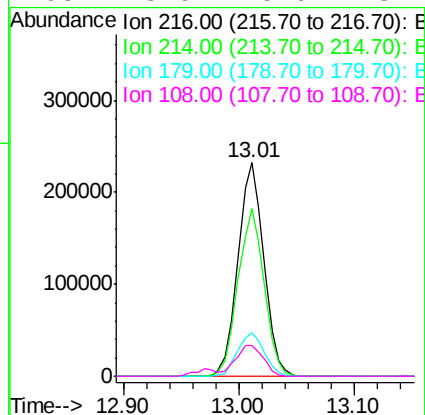
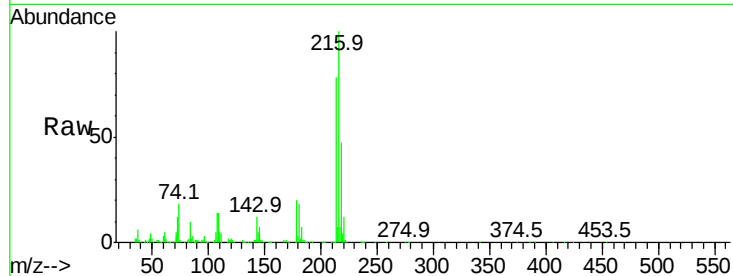
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 50.93 ng
 RT: 13.01 min Scan# 1731
 Delta R.T. -0.02 min
 Lab File: BG025564.D
 Acq: 21 Jan 2017 8:44

Instrument :
 BNA_G
 ClientSampleId :
 BLACK-FILL1-0-5FT-COMPMSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.4	64.4	96.6
179	21.2	17.4	26.0
108	15.6	15.6	23.4

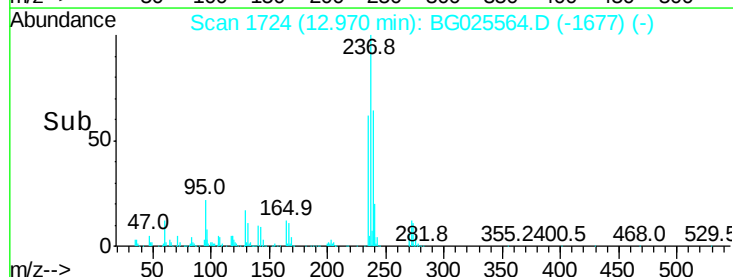
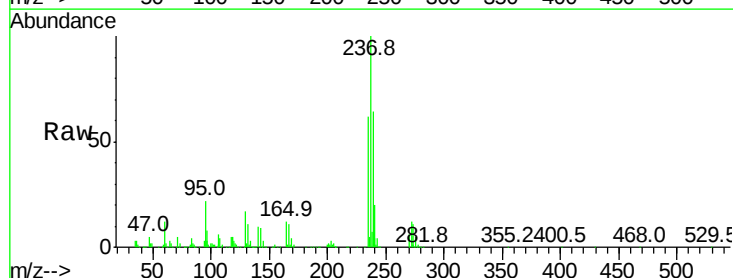
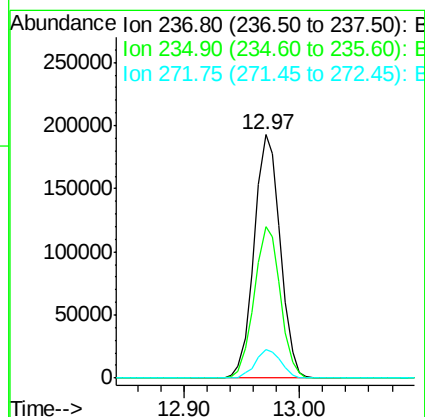
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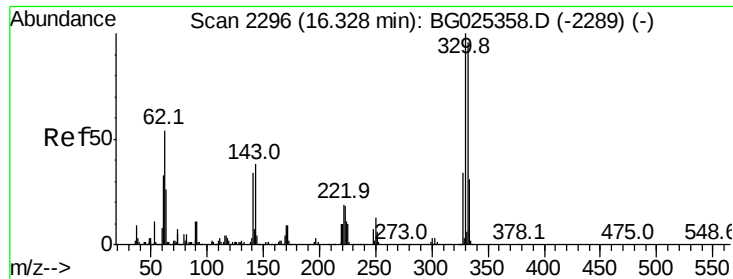
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#40
 Hexachlorocyclopentadiene
 Concen: 113.78 ng
 RT: 12.97 min Scan# 1724
 Delta R.T. -0.02 min
 Lab File: BG025564.D
 Acq: 21 Jan 2017 8:44

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	62.0	39.4	79.4
272	11.7	0.0	32.0





#41

2,4,6-Tribromophenol

Concen: 151.40 ng

RT: 16.30 min Scan# 2291

Delta R.T. -0.02 min

Lab File: BG025564.D

Acq: 21 Jan 2017 8:44

Instrument :

BNA_G

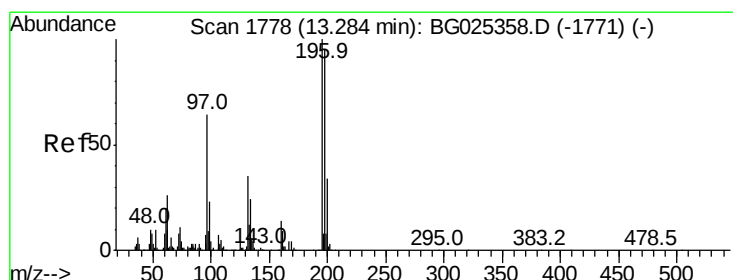
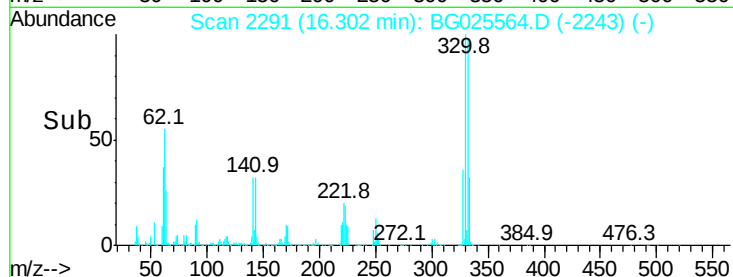
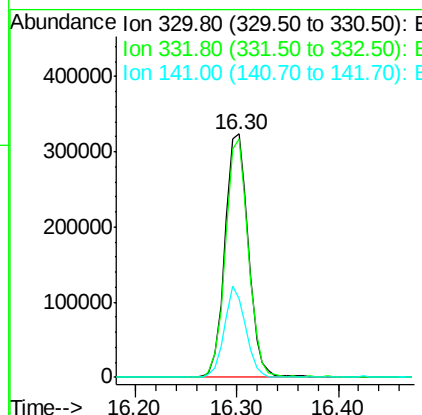
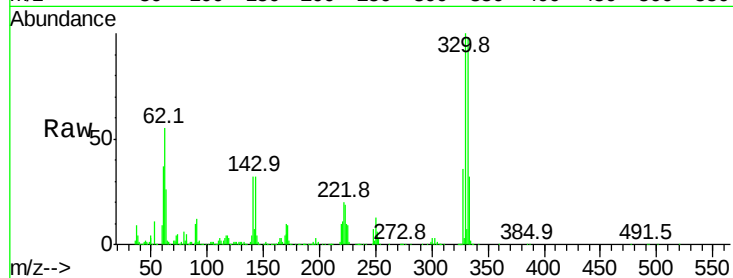
ClientSampleId :

BLACK-FILL1-0-5FT-COMPMSD

Tot Ion:	330	Resp:	519284
Ion Ratio	Lower	Upper	
330	100		
332	95.6	77.3	115.9
141	34.2	32.1	48.1

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#42

2,4,6-Trichlorophenol

Concen: 50.93 ng

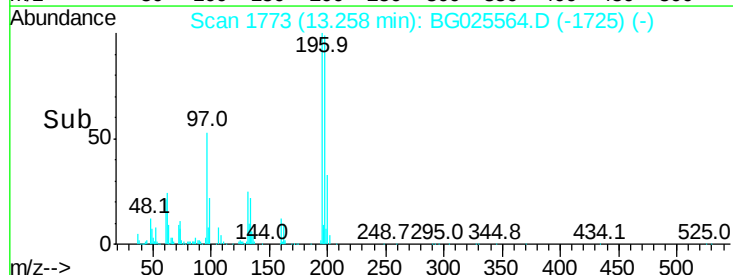
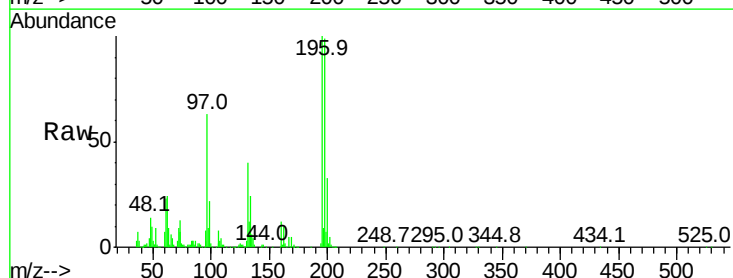
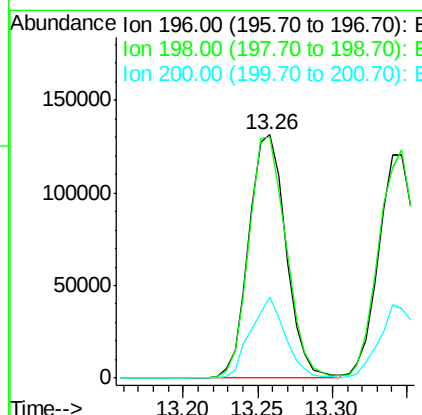
RT: 13.26 min Scan# 1773

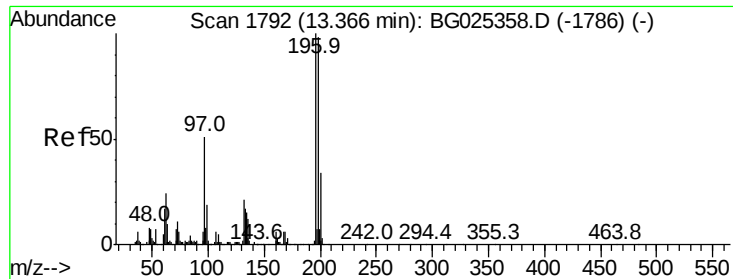
Delta R.T. -0.02 min

Lab File: BG025564.D

Acq: 21 Jan 2017 8:44

Tgt Ion:	196	Resp:	225560
Ion Ratio	Lower	Upper	
196	100		
198	99.0	81.4	122.2
200	33.3	27.0	40.6





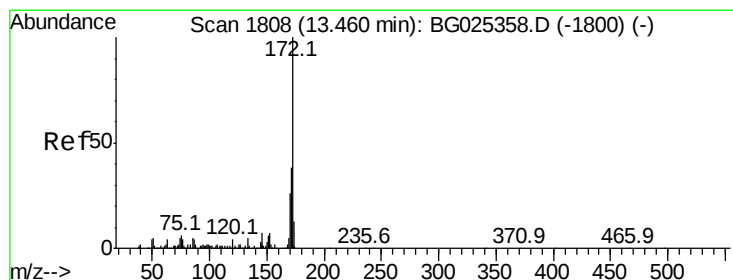
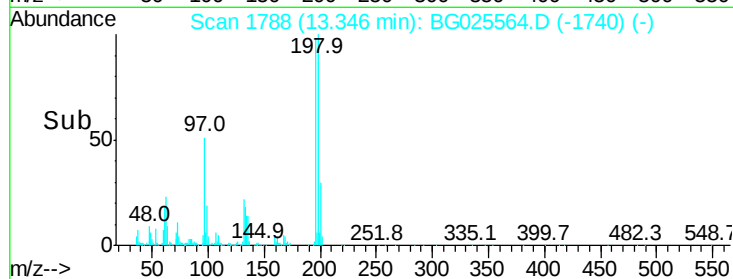
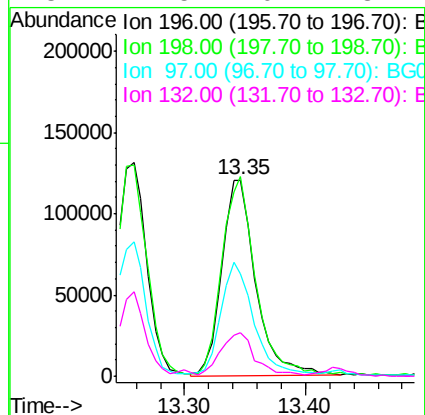
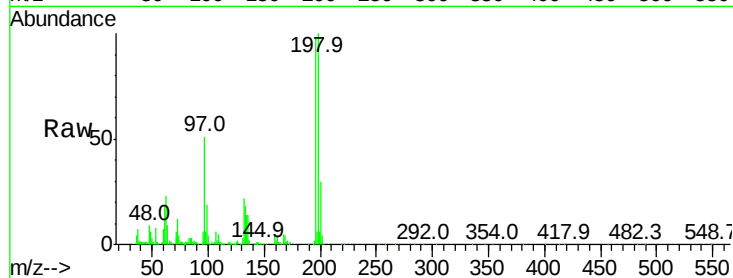
#43
 2,4,5-Trichlorophenol
 Concen: 50.28 ng
 RT: 13.35 min Scan# 1788
 Delta R.T. -0.02 min
 Lab File: BG025564.D
 Acq: 21 Jan 2017 8:44

Instrument :
 BNA_G
 ClientSampleId :
 BLACK-FILL1-0-5FT-COMPMSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	102.0	79.9	119.9
97	52.1	45.4	68.0
132	22.5	20.7	31.1

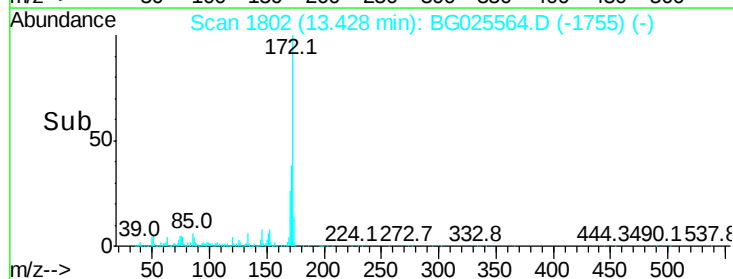
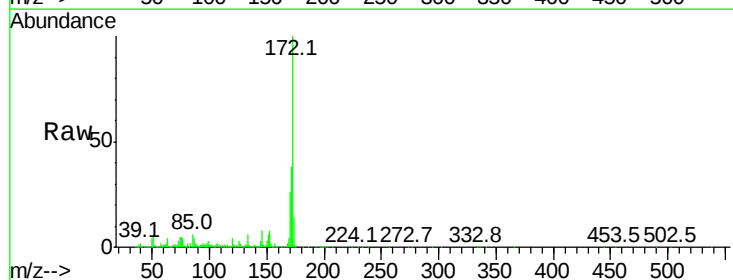
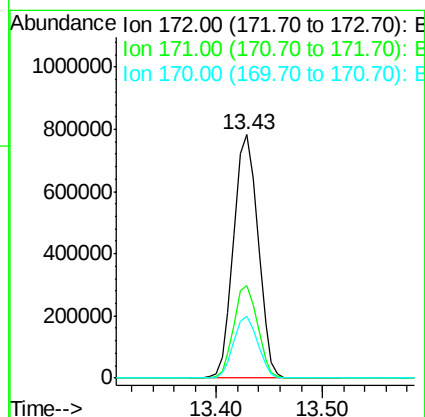
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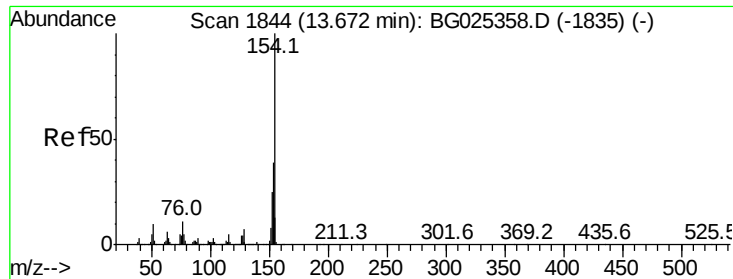
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#44
 2-Fluorobiphenyl
 Concen: 95.08 ng
 RT: 13.43 min Scan# 1802
 Delta R.T. -0.02 min
 Lab File: BG025564.D
 Acq: 21 Jan 2017 8:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	32.2	48.2
170	25.5	21.8	32.6





#45

1,1'-Biphenyl

Concen: 52.46 ng

RT: 13.64 min Scan# 1838

Delta R.T. -0.02 min

Lab File: BG025564.D

Acq: 21 Jan 2017 8:44

Instrument :

BNA_G

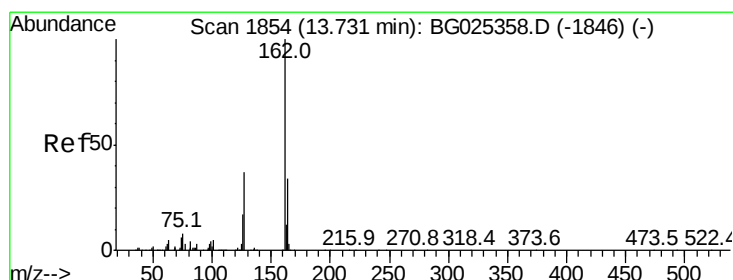
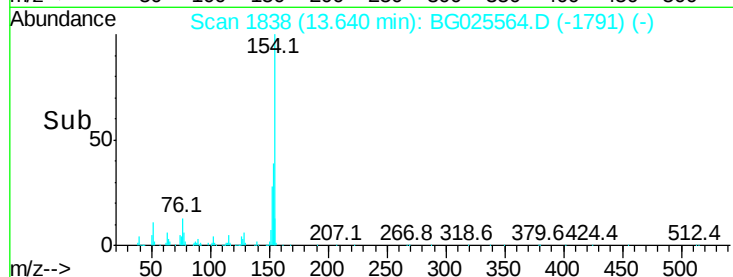
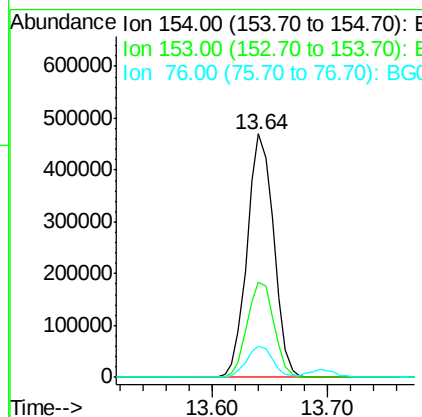
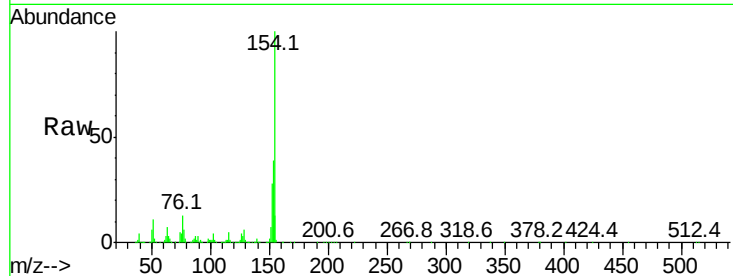
ClientSampleId :

BLACK-FILL1-0-5FT-COMPMSD

Tot Ion:	154	Resp:	751758
Ion Ratio	Lower	Upper	
154	100		
153	38.9	23.0	63.0
76	12.8	0.0	33.5

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#46

2-Chloronaphthalene

Concen: 50.03 ng

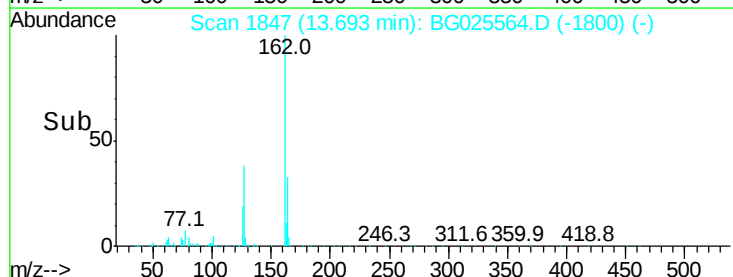
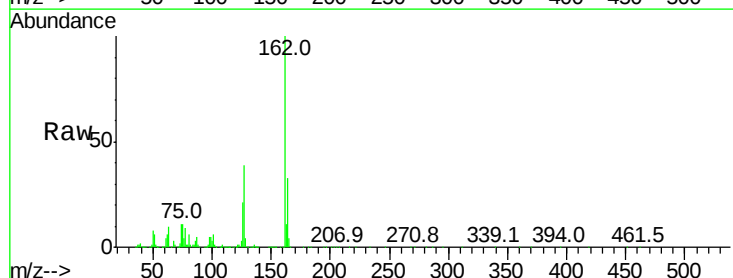
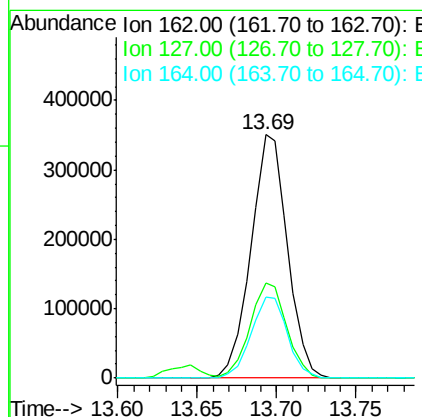
RT: 13.69 min Scan# 1847

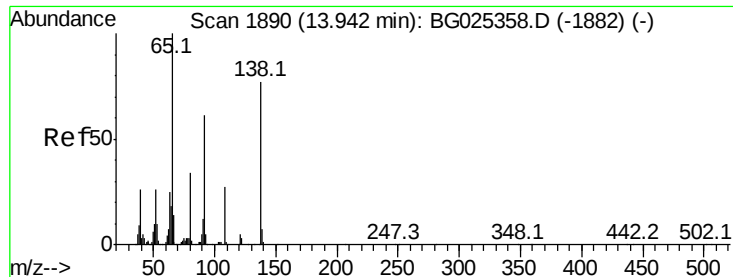
Delta R.T. -0.02 min

Lab File: BG025564.D

Acq: 21 Jan 2017 8:44

Tgt Ion:	162	Resp:	560095
Ion Ratio	Lower	Upper	
162	100		
127	39.1	32.2	48.4
164	33.3	27.3	40.9





#47

2-Nitroaniline

Concen: 51.10 ng

RT: 13.91 min Scan# 1884

Delta R.T. -0.02 min

Lab File: BG025564.D

Acq: 21 Jan 2017 8:44

Instrument :

BNA_G

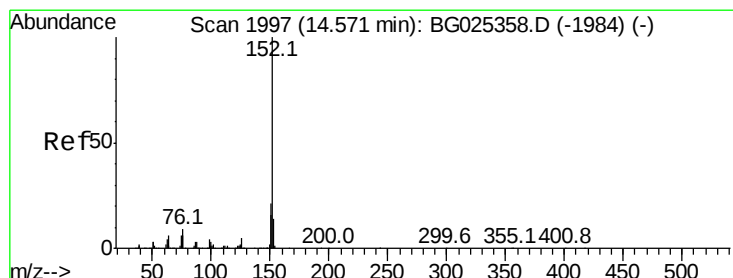
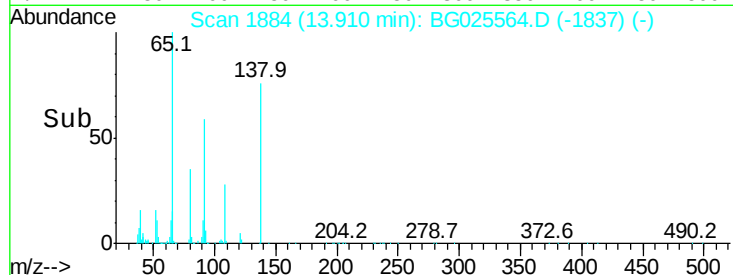
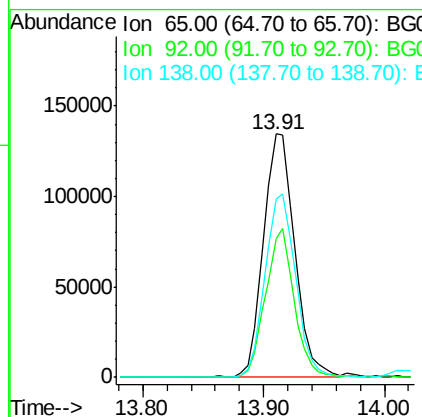
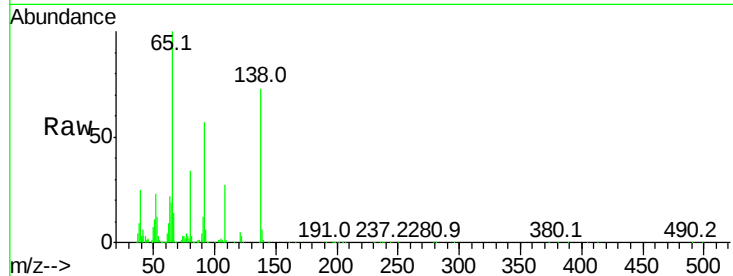
ClientSampleId :

BLACK-FILL1-0-5FT-COMPMSD

Tot Ion:	65	Resp:	241450
Ion Ratio	Lower	Upper	
65	100		
92	57.0	49.0	73.4
138	73.0	58.6	87.8

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#48

Acenaphthylene

Concen: 49.20 ng

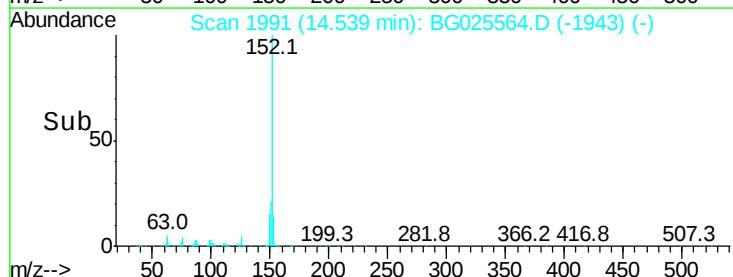
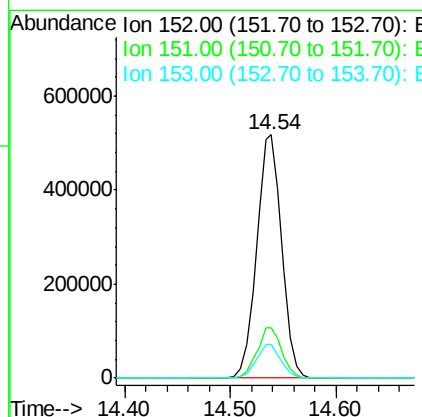
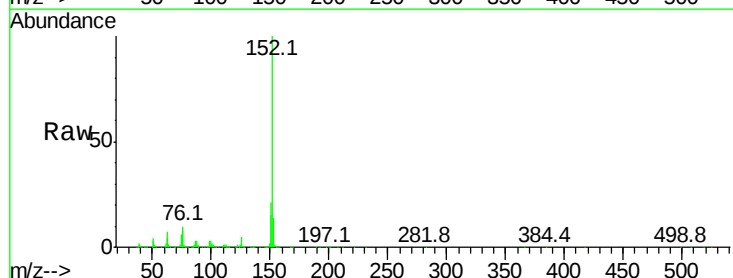
RT: 14.54 min Scan# 1991

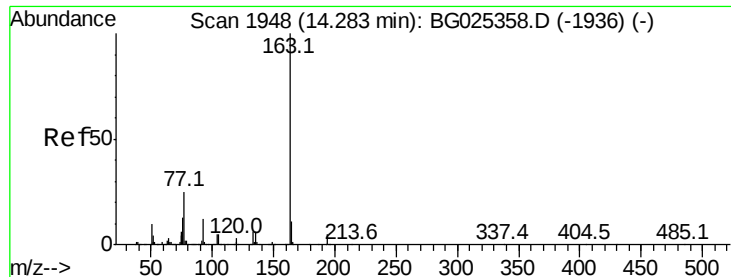
Delta R.T. -0.02 min

Lab File: BG025564.D

Acq: 21 Jan 2017 8:44

Tgt Ion:	152	Resp:	853735
Ion Ratio	Lower	Upper	
152	100		
151	20.7	18.2	27.2
153	14.0	11.3	16.9





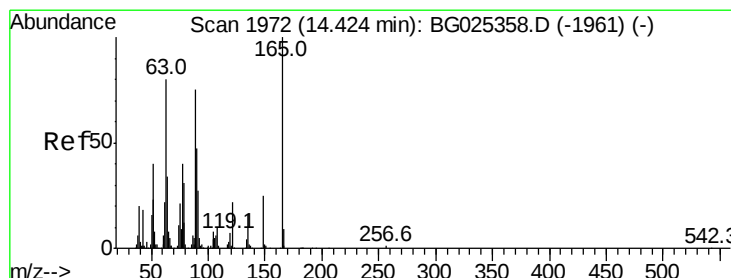
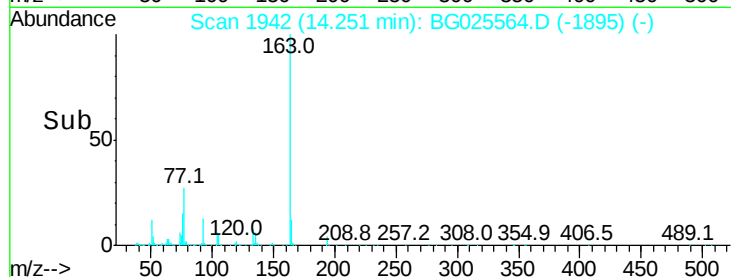
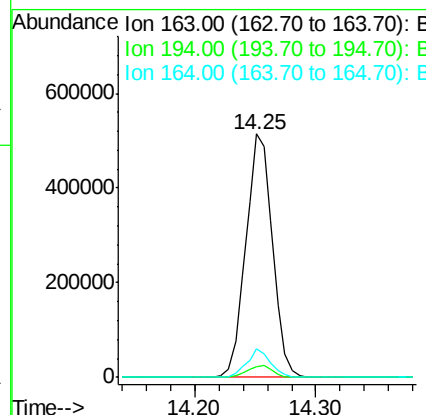
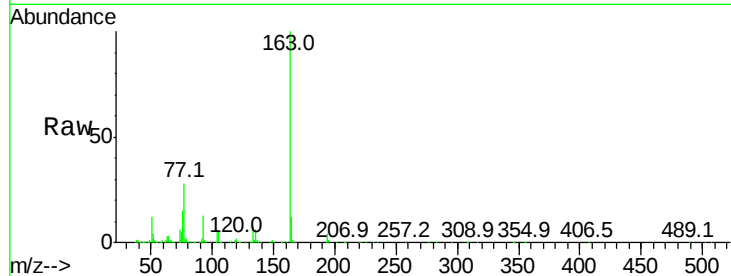
#49
Dimethylphthalate
Concen: 50.85 ng
RT: 14.25 min Scan# 1942
Delta R.T. -0.02 min
Lab File: BG025564.D
Acq: 21 Jan 2017 8:44

Instrument :
BNA_G
ClientSampleId :
BLACK-FILL1-0-5FT-COMPMSD

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	4.5	3.8	5.6
164	11.5	9.3	13.9

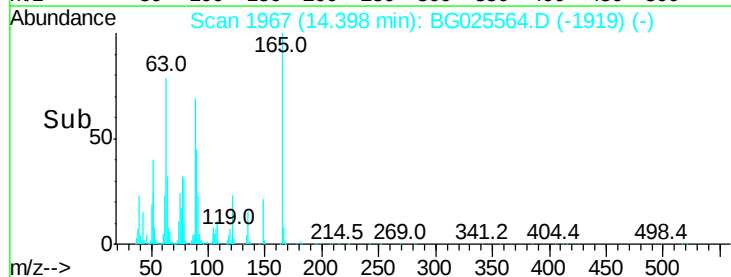
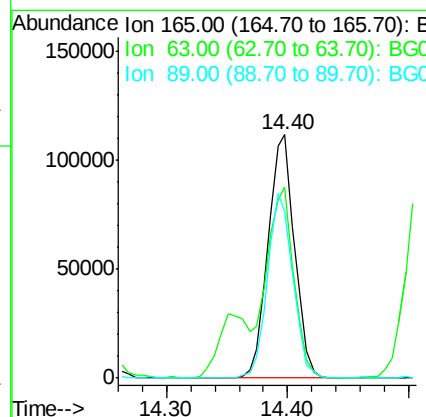
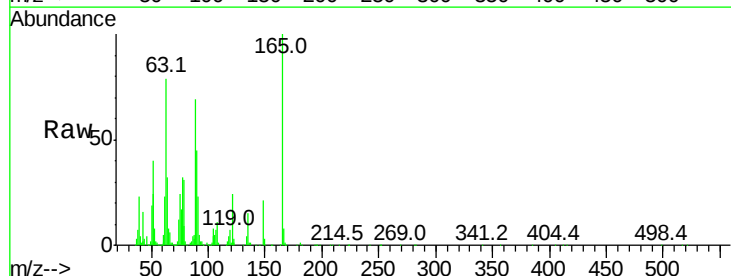
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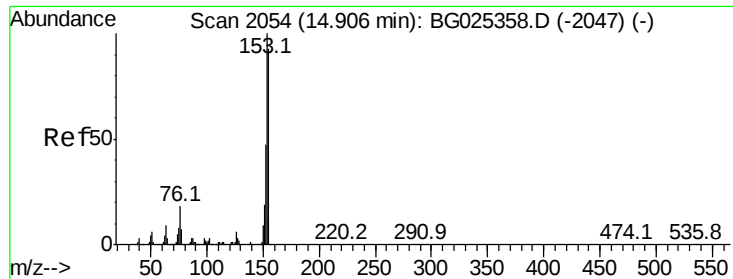
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#50
2,6-Dinitrotoluene
Concen: 49.80 ng
RT: 14.40 min Scan# 1967
Delta R.T. -0.02 min
Lab File: BG025564.D
Acq: 21 Jan 2017 8:44

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	78.6	63.9	95.9
89	68.7	58.6	88.0





#51

Acenaphthene

Concen: 49.66 ng

RT: 14.87 min Scan# 2048

Delta R.T. -0.02 min

Lab File: BG025564.D

Acq: 21 Jan 2017 8:44

Instrument :

BNA_G

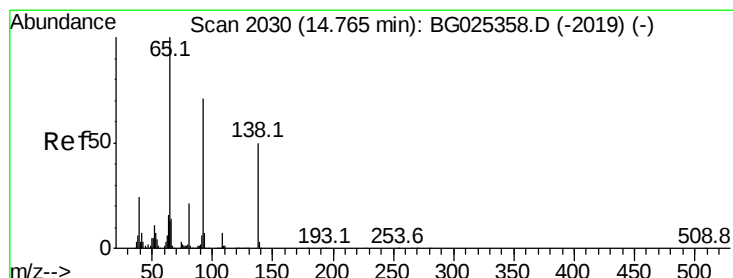
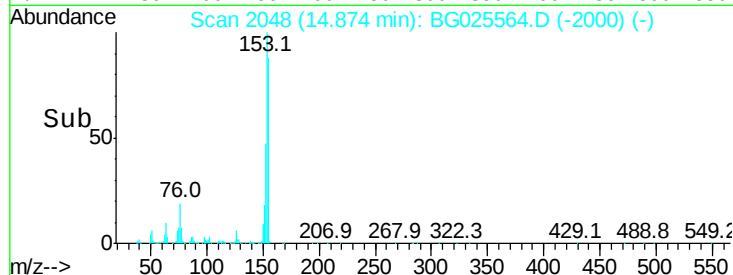
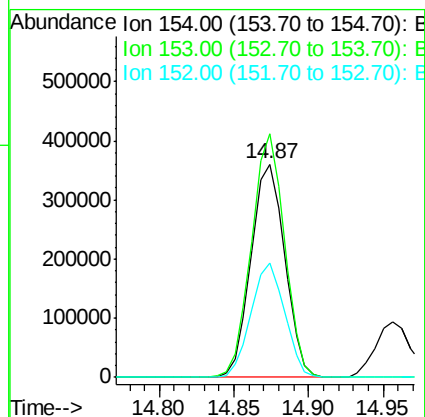
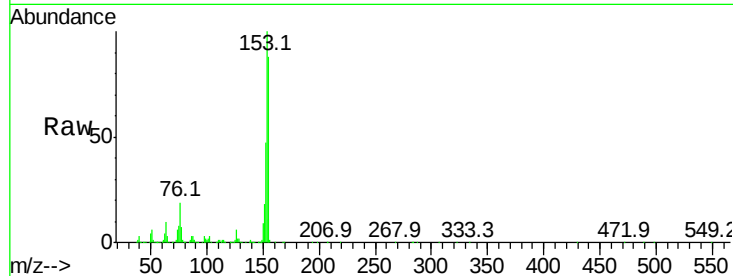
ClientSampleId :

BLACK-FILL1-0-5FT-COMPMSD

Tot Ion:	154	Resp:	563628
Ion Ratio	Lower	Upper	
154	100		
153	114.3	87.8	131.6
152	53.6	42.2	63.4

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#52

3-Nitroaniline

Concen: 21.66 ng

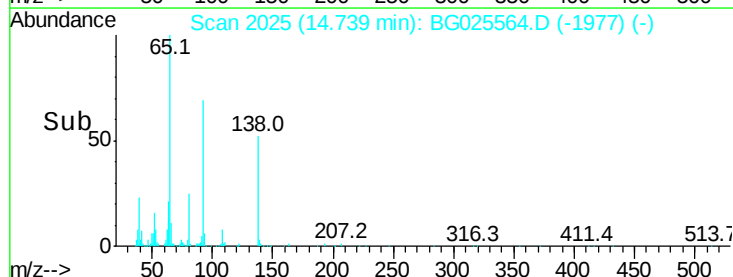
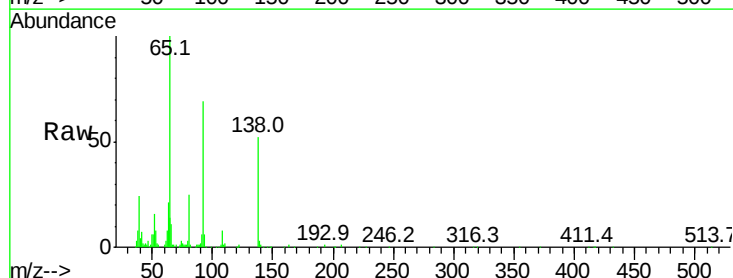
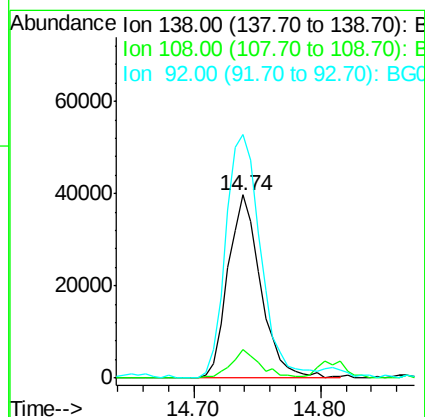
RT: 14.74 min Scan# 2025

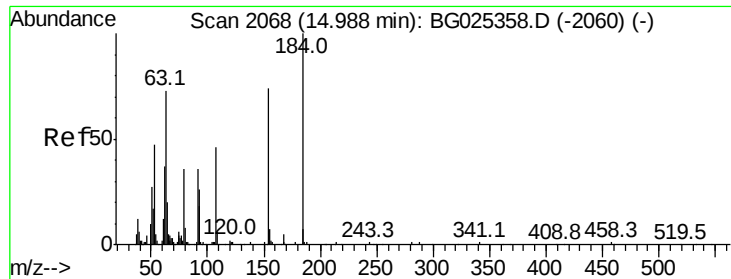
Delta R.T. -0.02 min

Lab File: BG025564.D

Acq: 21 Jan 2017 8:44

Tgt Ion:	138	Resp:	70654
Ion Ratio	Lower	Upper	
138	100		
108	15.9	10.9	16.3
92	133.1	115.3	172.9





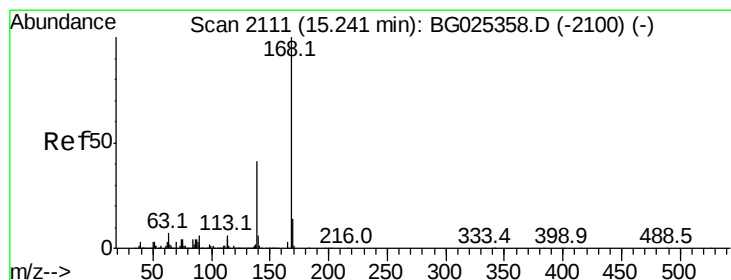
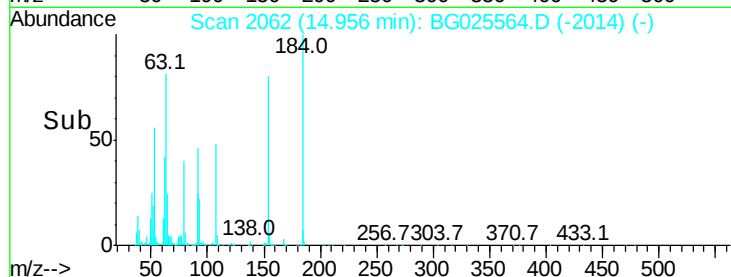
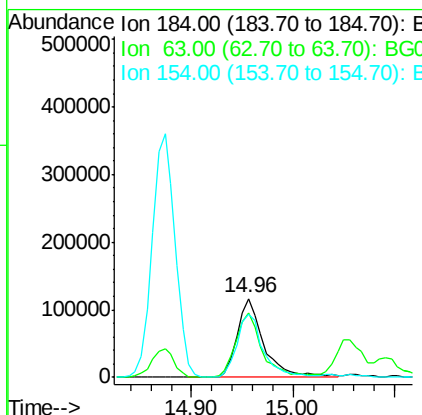
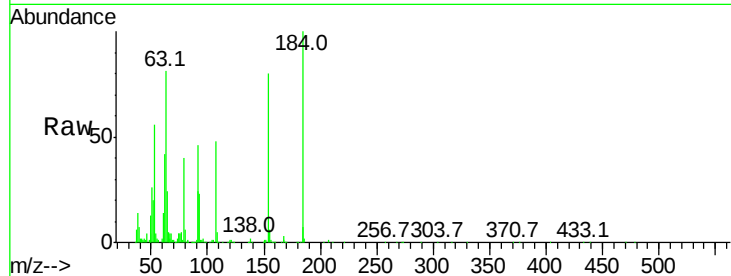
#53
2,4-Dinitrophenol
Concen: 94.20 ng
RT: 14.96 min Scan# 2062
Delta R.T. -0.02 min
Lab File: BG025564.D
Acq: 21 Jan 2017 8:44

Instrument :
BNA_G
ClientSampleId :
BLACK-FILL1-0-5FT-COMPMSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	81.4	52.7	79.1#
154	80.5	57.3	85.9

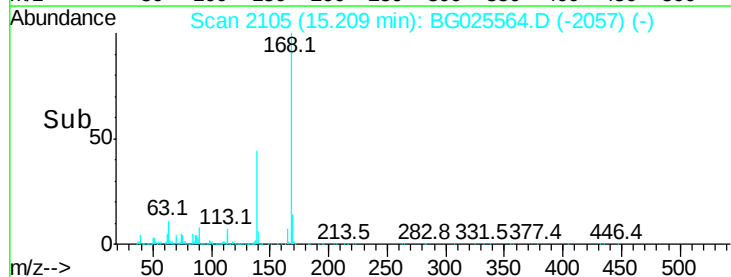
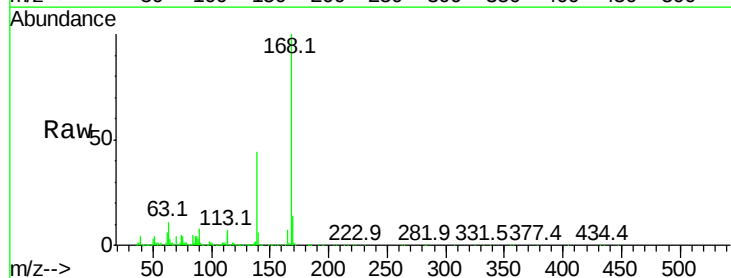
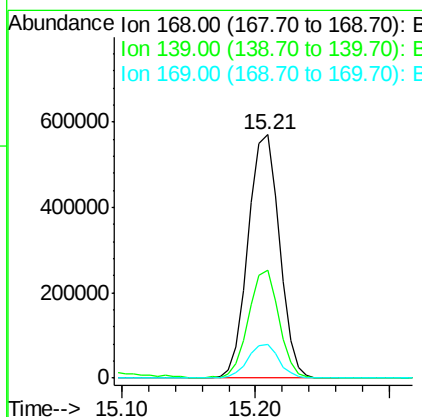
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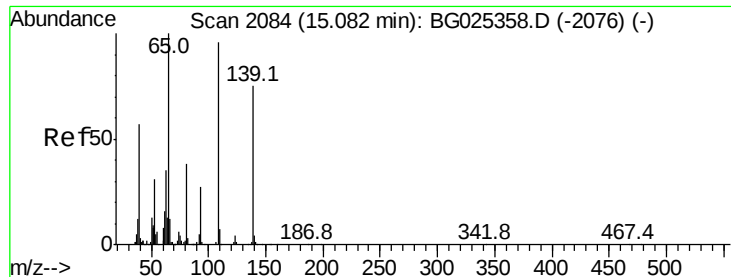
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#54
Dibenzofuran
Concen: 51.29 ng
RT: 15.21 min Scan# 2105
Delta R.T. -0.02 min
Lab File: BG025564.D
Acq: 21 Jan 2017 8:44

Tgt Ion	Ratio	Lower	Upper
168	100		
139	44.2	35.3	52.9
169	13.7	11.5	17.3





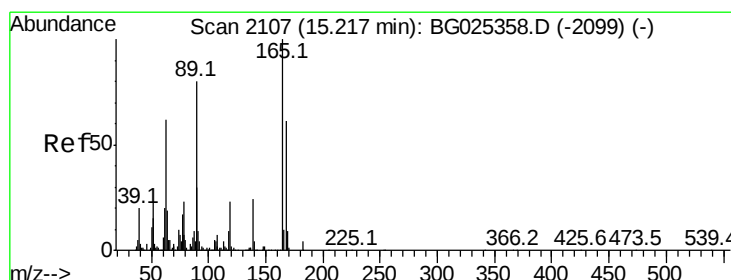
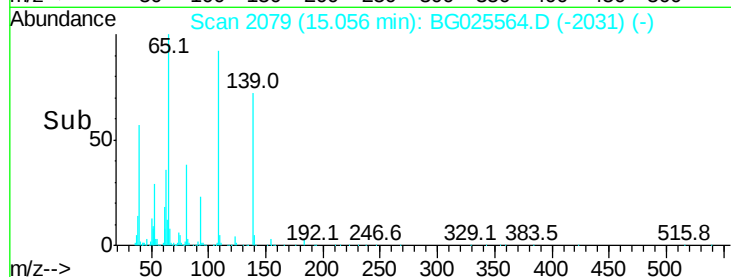
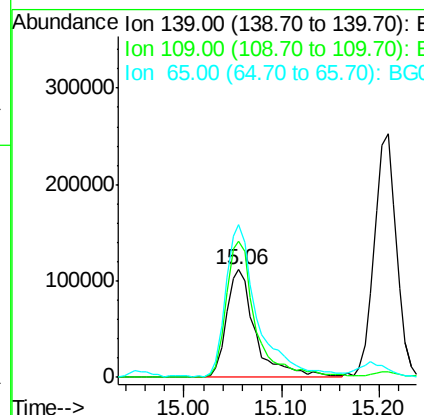
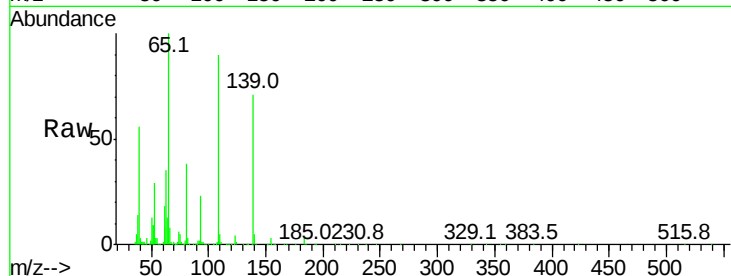
#55
4-Nitrophenol
Concen: 94.79 ng
RT: 15.06 min Scan# 2079
Delta R.T. -0.02 min
Lab File: BG025564.D
Acq: 21 Jan 2017 8:44

Instrument :
BNA_G
ClientSampleId :
BLACK-FILL1-0-5FT-COMPMSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	127.1	101.2	141.2
65	141.8	135.3	175.3

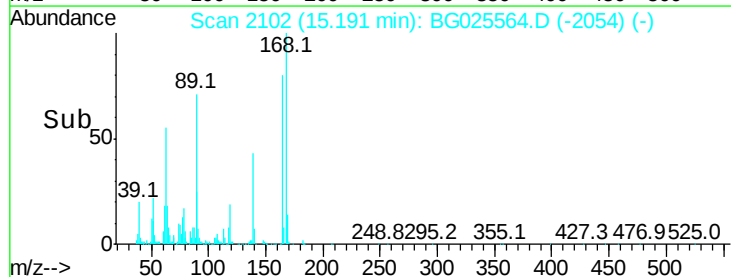
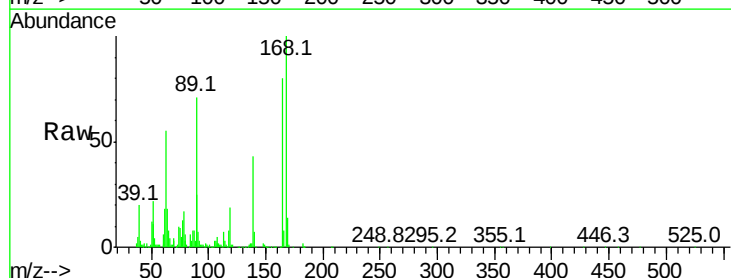
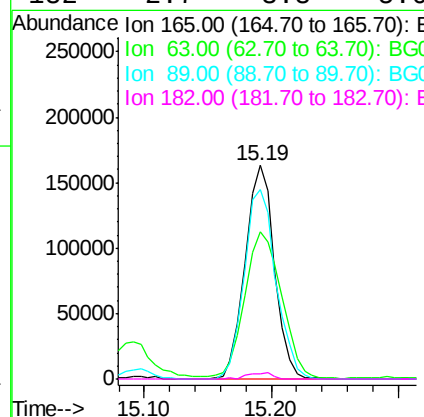
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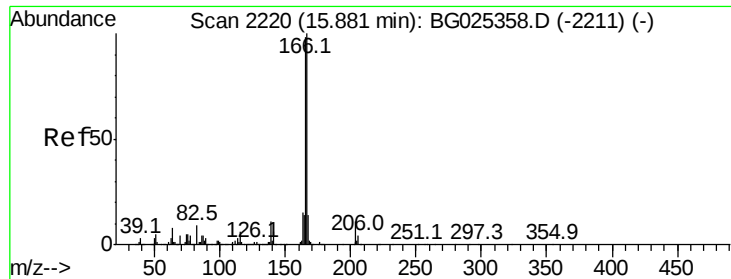
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#56
2,4-Dinitrotoluene
Concen: 52.81 ng
RT: 15.19 min Scan# 2102
Delta R.T. -0.02 min
Lab File: BG025564.D
Acq: 21 Jan 2017 8:44

Tgt Ion	Ratio	Lower	Upper
165	100		
63	68.9	44.0	66.0#
89	88.6	67.3	100.9
182	2.7	3.8	5.6#





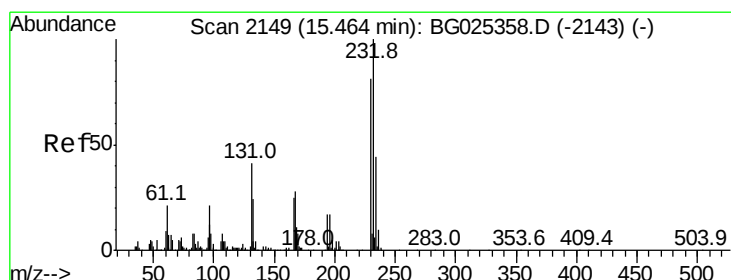
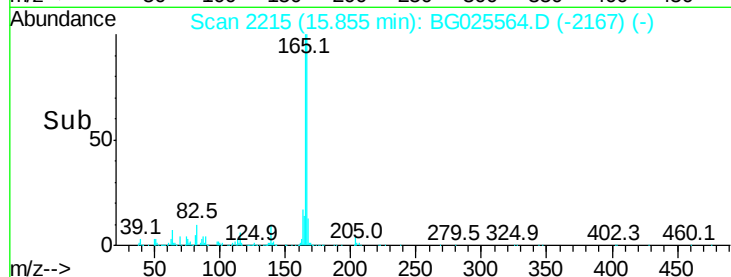
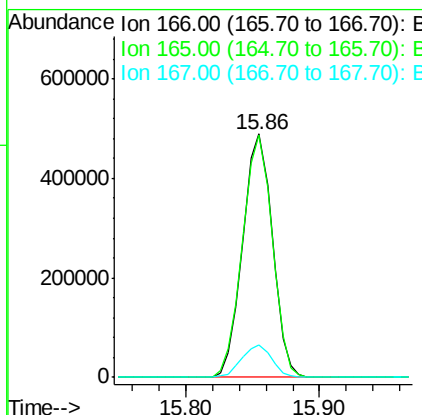
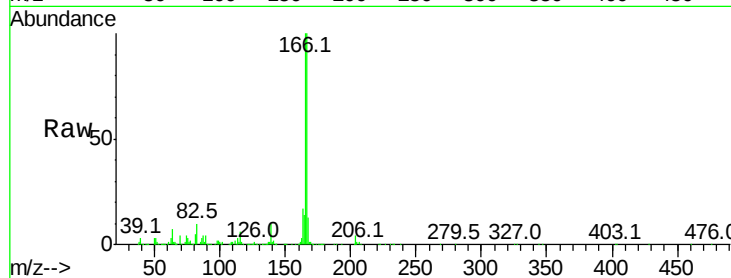
#57
Fluorene
 Concen: 50.15 ng
 RT: 15.86 min Scan# 2215
 Delta R.T. -0.02 min
 Lab File: BG025564.D
 Acq: 21 Jan 2017 8:44

Instrument :
 BNA_G
 ClientSampleId :
 BLACK-FILL1-0-5FT-COMPMSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.8	78.6	117.8
167	13.3	11.6	17.4

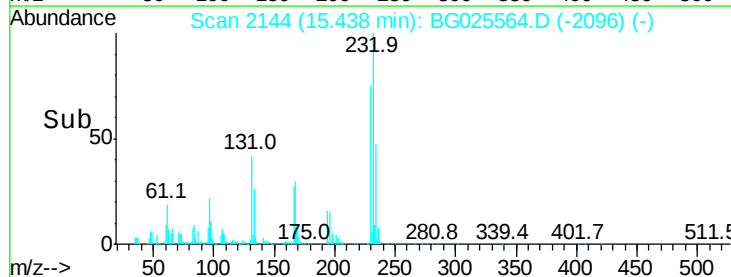
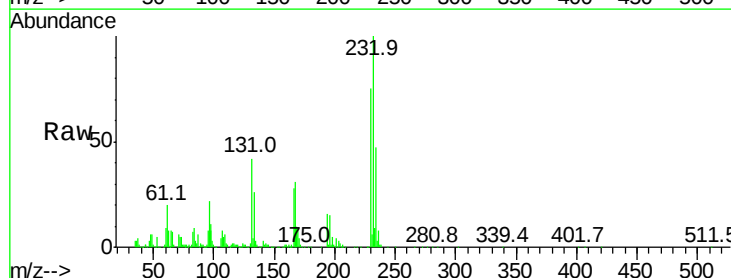
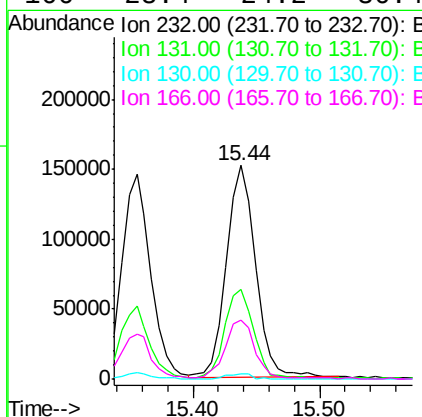
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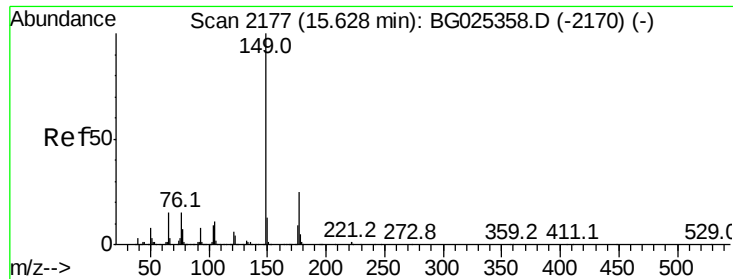
mohammad
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 48.64 ng
 RT: 15.44 min Scan# 2144
 Delta R.T. -0.02 min
 Lab File: BG025564.D
 Acq: 21 Jan 2017 8:44

Tgt Ion	Ratio	Lower	Upper
232	100		
131	41.4	34.9	52.3
130	2.1	2.3	3.5#
166	28.4	24.2	36.4





#59

Diethylphthalate

Concen: 50.03 ng

RT: 15.60 min Scan# 2172

Delta R.T. -0.02 min

Lab File: BG025564.D

Acq: 21 Jan 2017 8:44

Instrument :

BNA_G

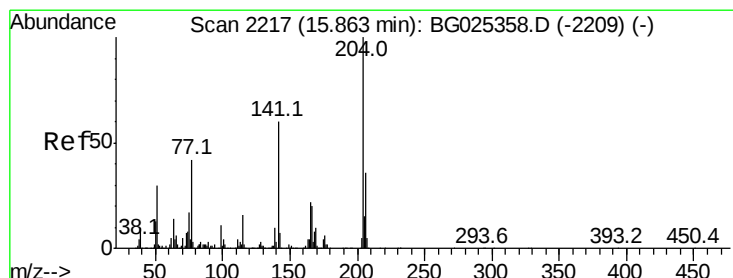
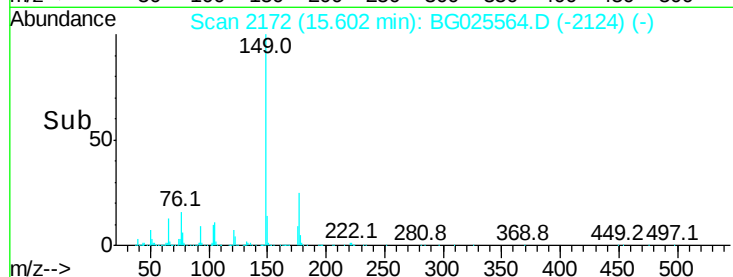
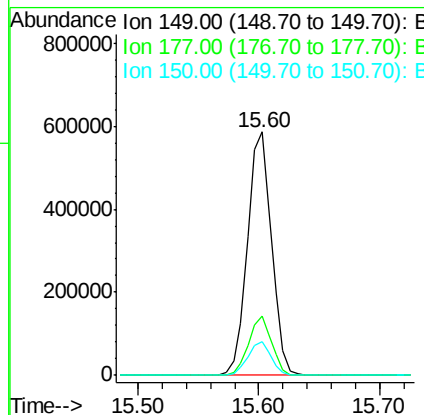
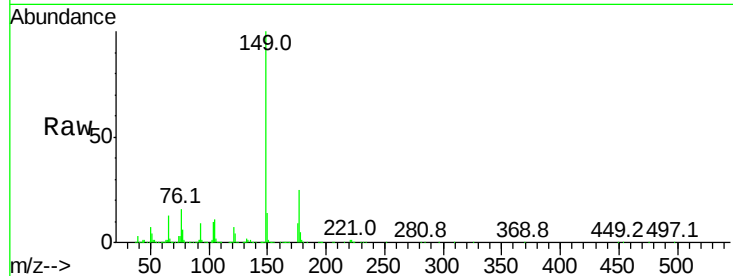
ClientSampleId :

BLACK-FILL1-0-5FT-COMPMSD

Tot Ion:	149	Resp:	814879
Ion Ratio	Lower	Upper	
149	100		
177	24.5	20.1	30.1
150	13.6	10.2	15.2

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#60

4-Chlorophenyl-phenylether

Concen: 48.68 ng

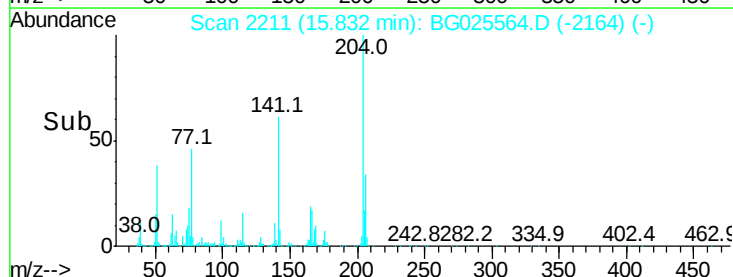
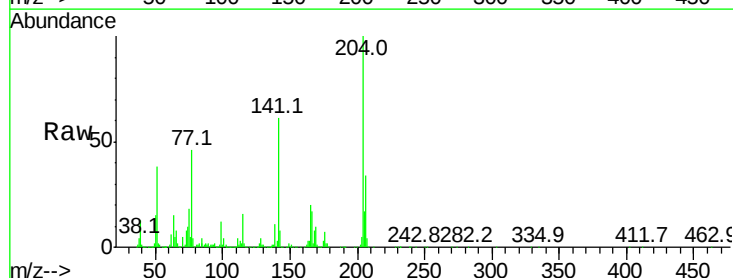
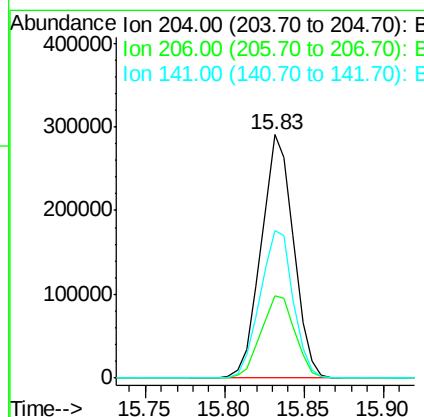
RT: 15.83 min Scan# 2211

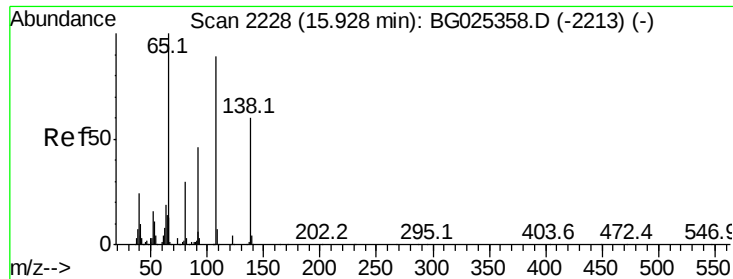
Delta R.T. -0.02 min

Lab File: BG025564.D

Acq: 21 Jan 2017 8:44

Tgt Ion:	204	Resp:	414443
Ion Ratio	Lower	Upper	
204	100		
206	33.6	30.1	45.1
141	60.5	50.6	76.0





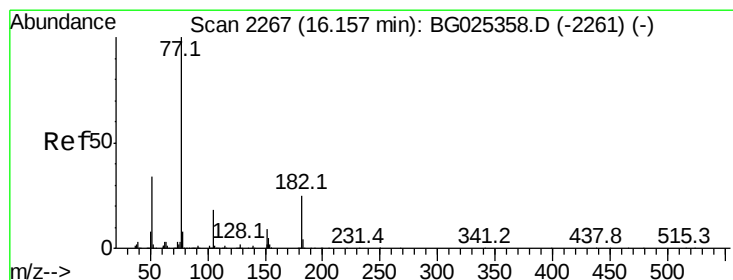
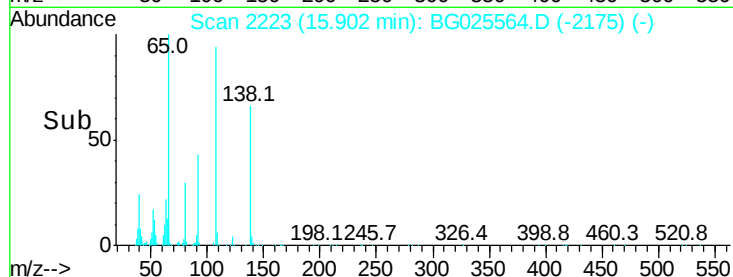
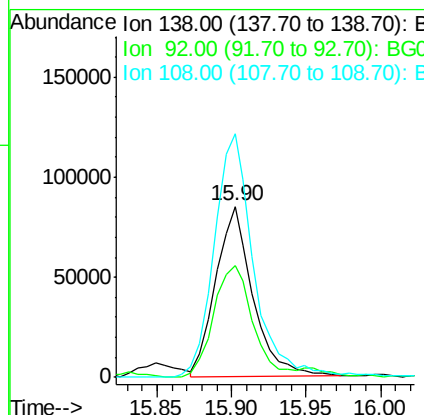
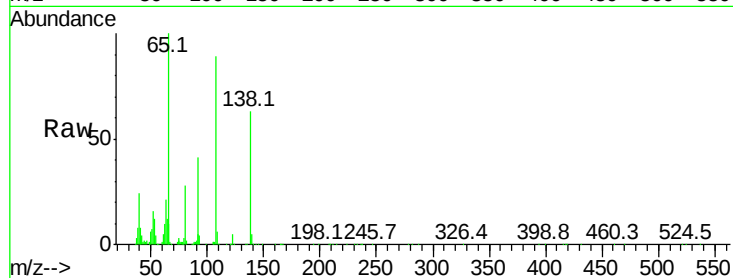
#61
4-Nitroaniline
Concen: 44.96 ng
RT: 15.90 min Scan# 2223
Delta R.T. -0.02 min
Lab File: BG025564.D
Acq: 21 Jan 2017 8:44

Instrument :
BNA_G
ClientSampleId :
BLACK-FILL1-0-5FT-COMPMSD

Tot Ion:138 Resp: 147575
Ion Ratio Lower Upper
138 100
92 65.5 44.2 84.2
108 142.7 104.8 144.8

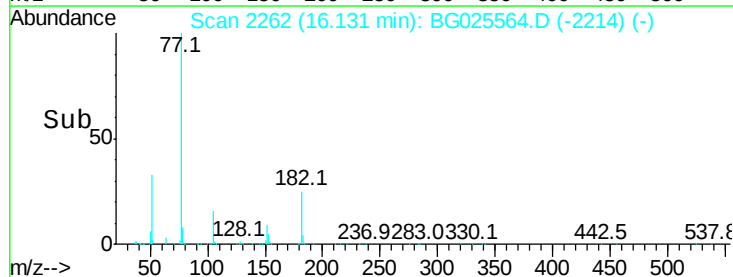
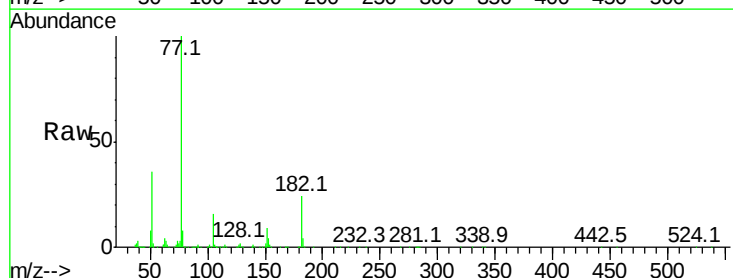
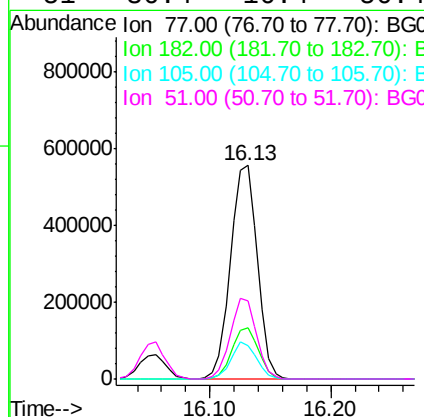
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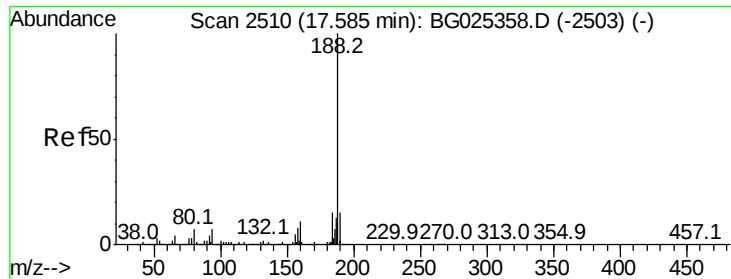
mohammad
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#62
Azobenzene
Concen: 54.66 ng
RT: 16.13 min Scan# 2262
Delta R.T. -0.02 min
Lab File: BG025564.D
Acq: 21 Jan 2017 8:44

Tgt Ion: 77 Resp: 858551
Ion Ratio Lower Upper
77 100
182 24.1 4.7 44.7
105 15.7 0.0 36.3
51 36.4 16.4 56.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.55 min Scan# 2504

Delta R.T. -0.02 min

Lab File: BG025564.D

Acq: 21 Jan 2017 8:44

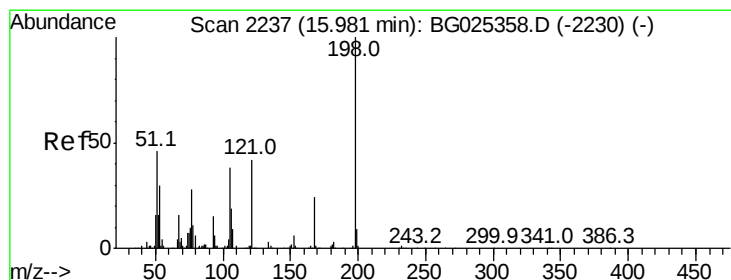
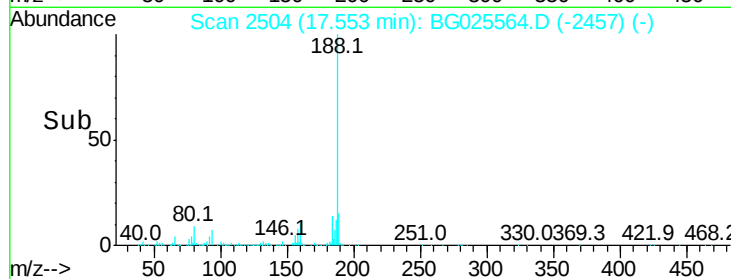
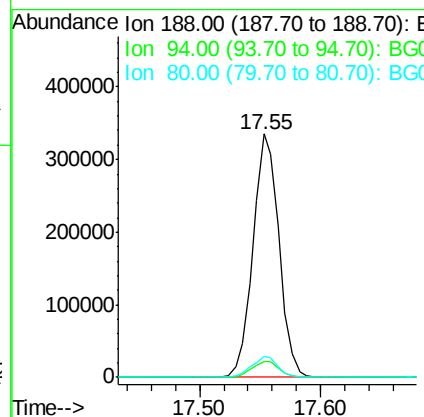
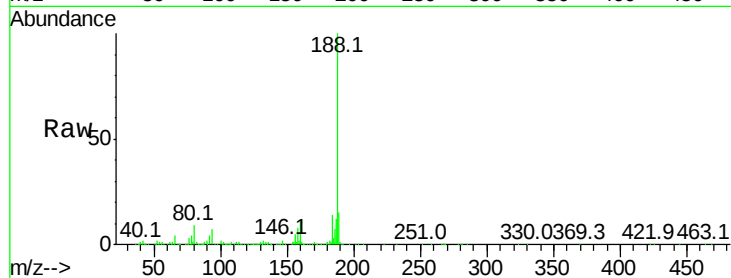
Instrument :
BNA_G

ClientSampleId :
BLACK-FILL1-0-5FT-COMPMSD

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	6.7	5.8	8.8
80	8.5	7.5	11.3

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#64

4,6-Dinitro-2-methylphenol

Concen: 49.00 ng

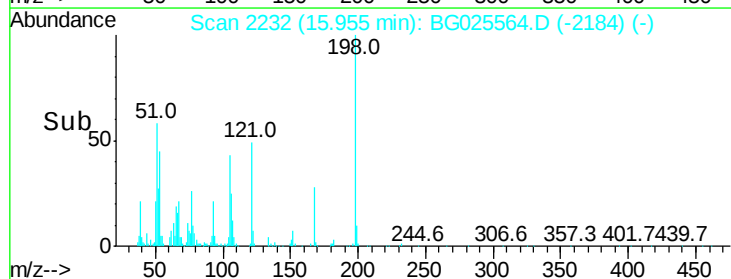
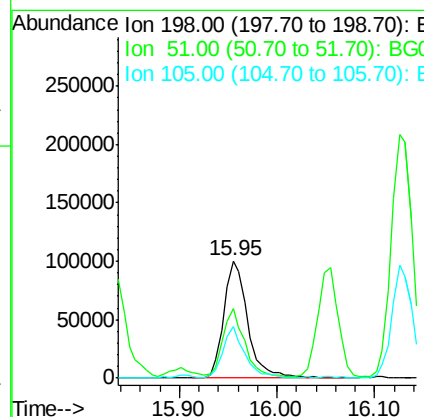
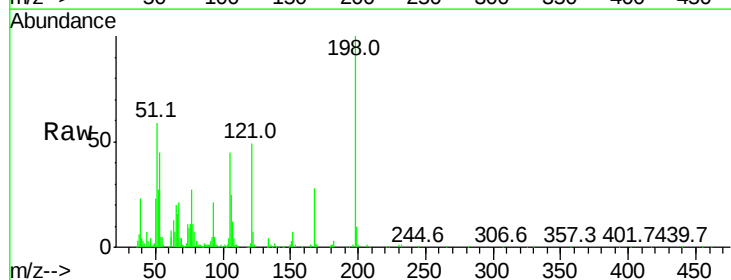
RT: 15.95 min Scan# 2232

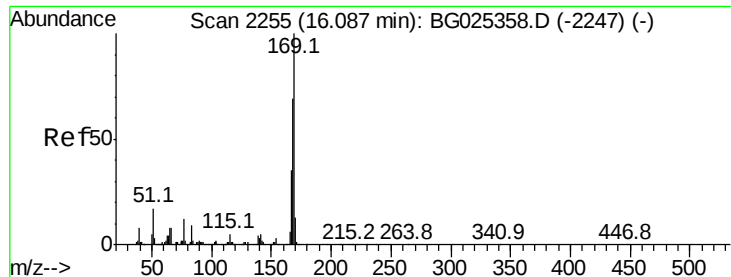
Delta R.T. -0.02 min

Lab File: BG025564.D

Acq: 21 Jan 2017 8:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	58.9	22.6	62.6
105	44.5	14.4	54.4





#65

n-Nitrosodiphenylamine

Concen: 52.10 ng

RT: 16.05 min Scan# 2249

Delta R.T. -0.02 min

Lab File: BG025564.D

Acq: 21 Jan 2017 8:44

Instrument :

BNA_G

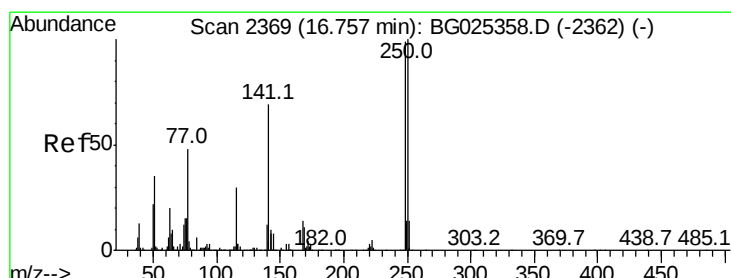
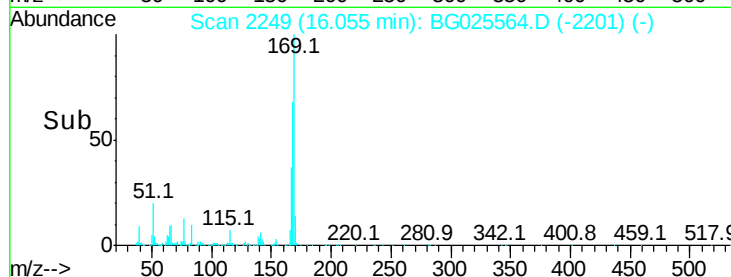
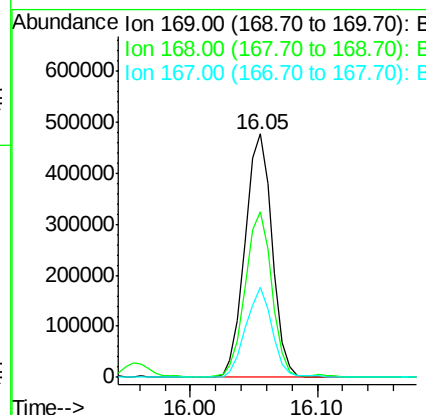
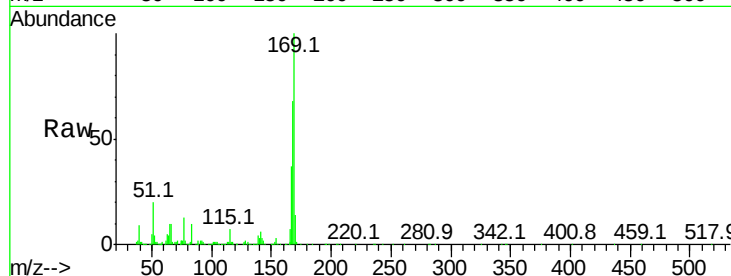
ClientSampleId :

BLACK-FILL1-0-5FT-COMPMSD

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.9	55.7	83.5
167	36.9	29.8	44.6

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#66

4-Bromophenyl-phenylether

Concen: 47.97 ng

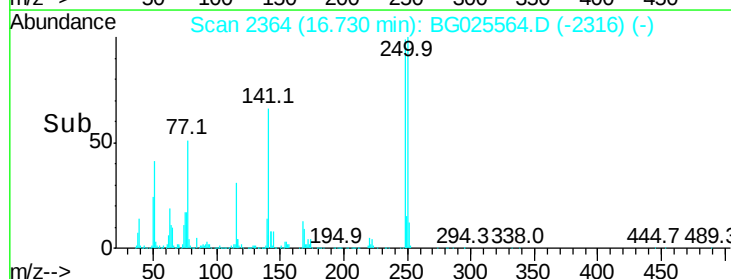
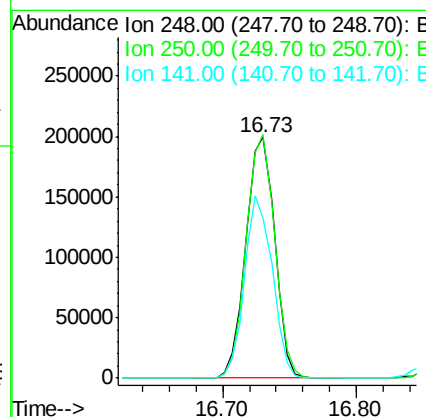
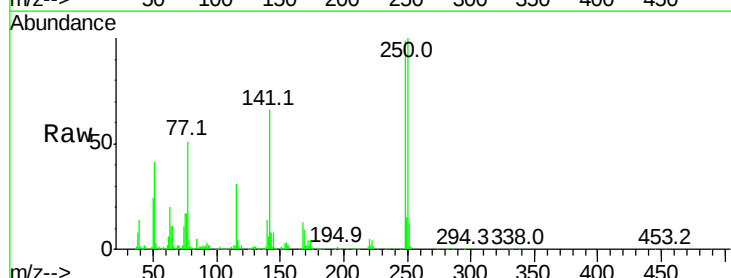
RT: 16.73 min Scan# 2364

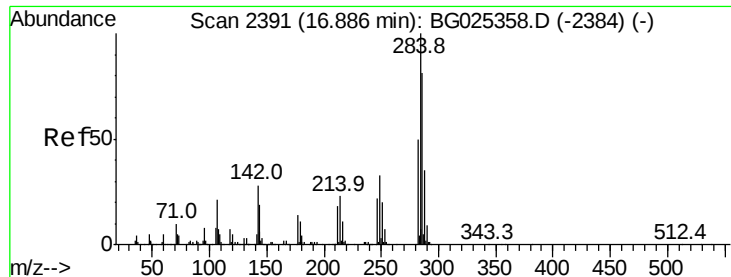
Delta R.T. -0.02 min

Lab File: BG025564.D

Acq: 21 Jan 2017 8:44

Tgt Ion	Ratio	Lower	Upper
248	100		
250	101.2	75.0	112.6
141	66.5	55.2	82.8





#67

Hexachlorobenzene

Concen: 48.30 ng

RT: 16.85 min Scan# 2385

Delta R.T. -0.02 min

Lab File: BG025564.D

Acq: 21 Jan 2017 8:44

Instrument :

BNA_G

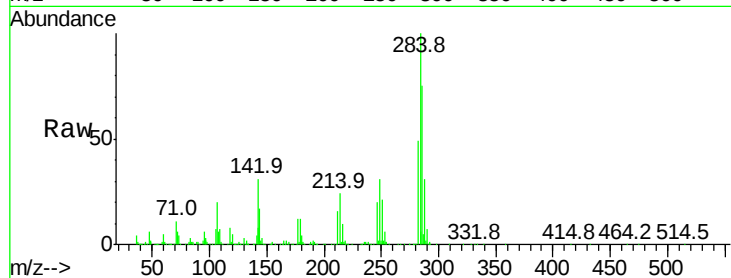
ClientSampleId :

BLACK-FILL1-0-5FT-COMPMSD

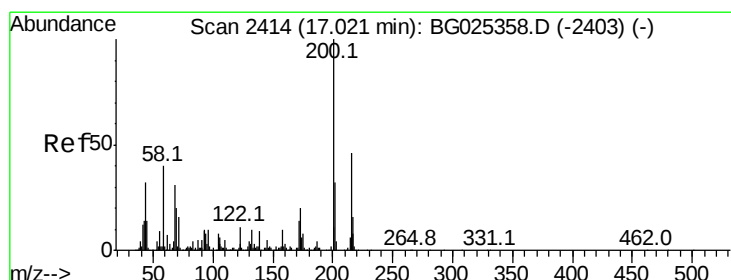
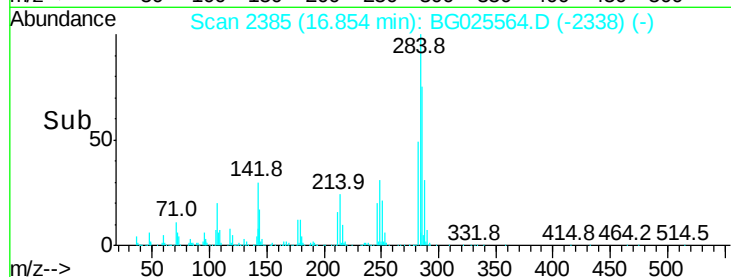
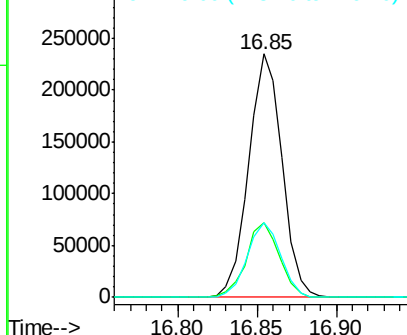
Tot Ion:	284	Resp:	343480
Ion Ratio		Lower	Upper
284	100		
142	30.6	29.9	44.9
249	30.9	29.2	43.8

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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 52.17 ng

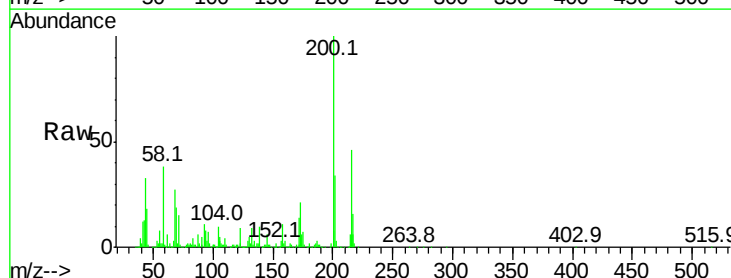
RT: 16.99 min Scan# 2409

Delta R.T. -0.02 min

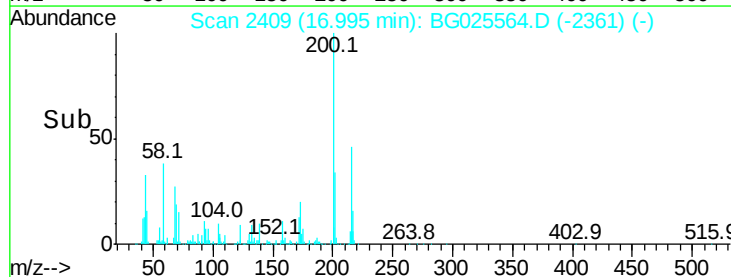
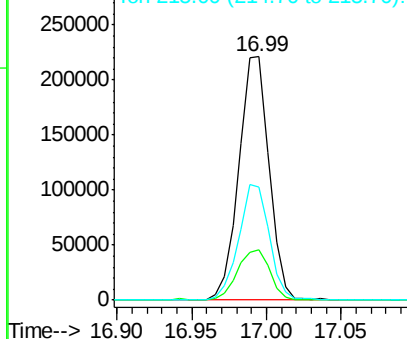
Lab File: BG025564.D

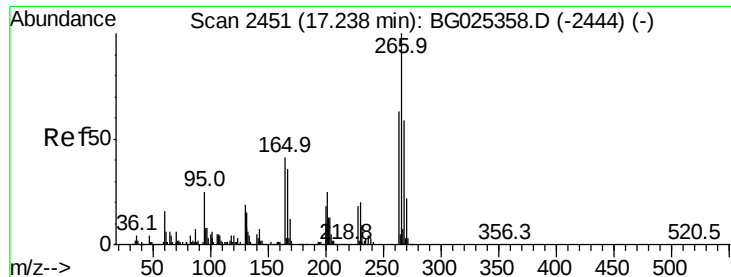
Acq: 21 Jan 2017 8:44

Tgt Ion:	200	Resp:	310400
Ion Ratio		Lower	Upper
200	100		
173	20.7	3.0	43.0
215	46.4	28.4	68.4



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





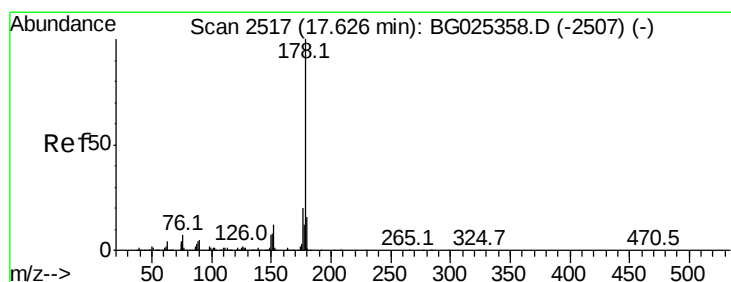
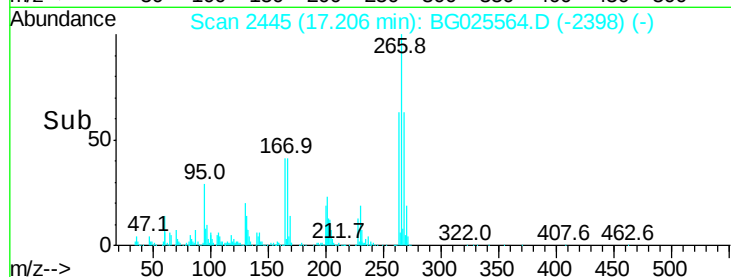
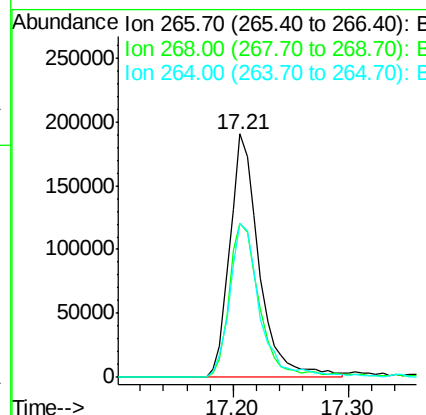
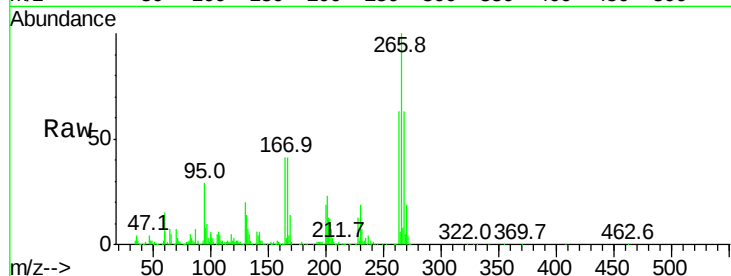
#69
 Pentachlorophenol
 Concen: 91.19 ng
 RT: 17.21 min Scan# 2445
 Delta R.T. -0.02 min
 Lab File: BG025564.D
 Acq: 21 Jan 2017 8:44

Instrument :
 BNA_G
 ClientSampleId :
 BLACK-FILL1-0-5FT-COMPMSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.4	48.6	72.8
264	63.2	50.1	75.1

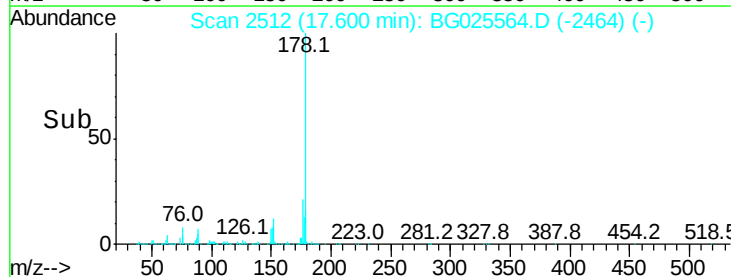
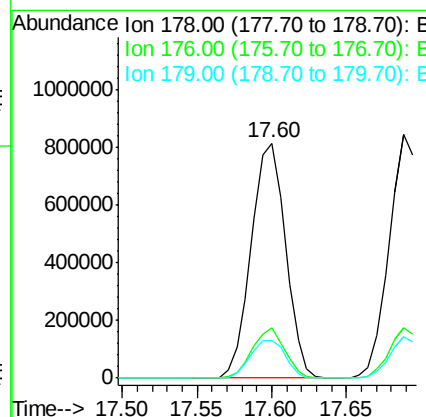
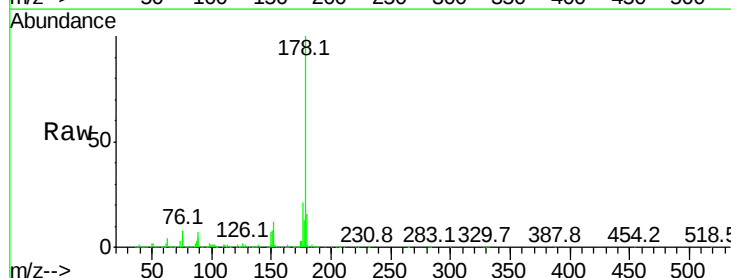
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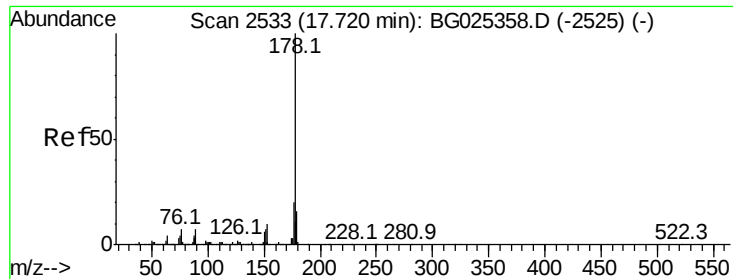
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#70
 Phenanthrene
 Concen: 50.14 ng
 RT: 17.60 min Scan# 2512
 Delta R.T. -0.02 min
 Lab File: BG025564.D
 Acq: 21 Jan 2017 8:44

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.2	17.7	26.5
179	16.0	15.0	22.6





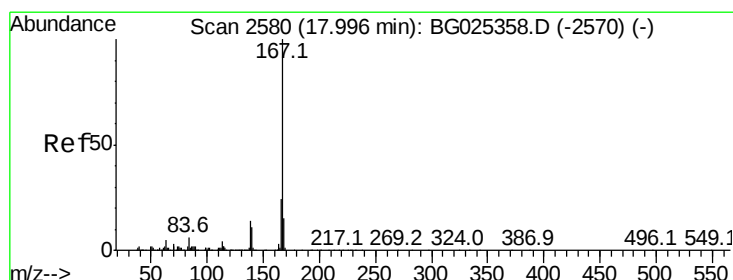
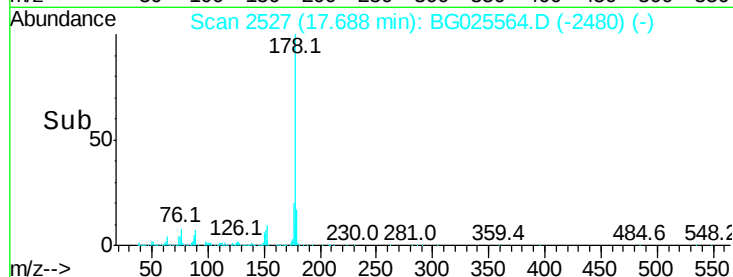
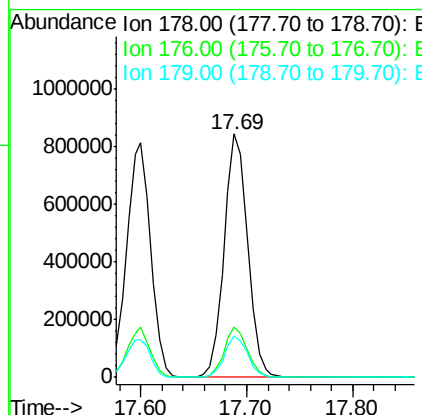
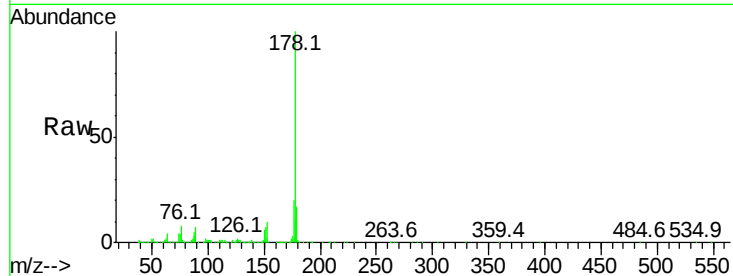
#71
 Anthracene
 Concen: 49.48 ng
 RT: 17.69 min Scan# 2527
 Delta R.T. -0.02 min
 Lab File: BG025564.D
 Acq: 21 Jan 2017 8:44

Instrument :
 BNA_G
 ClientSampleId :
 BLACK-FILL1-0-5FT-COMPMSD

Tot Ion:178 Resp: 1301418
 Ion Ratio Lower Upper
 178 100
 176 20.5 16.4 24.6
 179 17.0 13.8 20.8

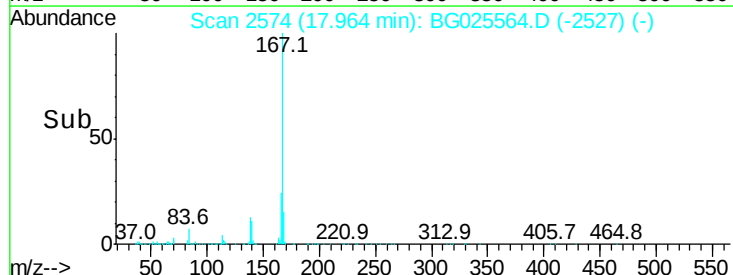
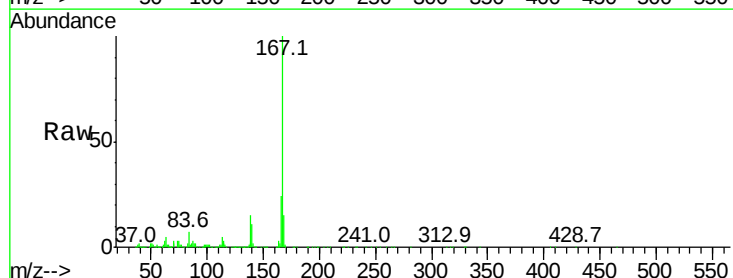
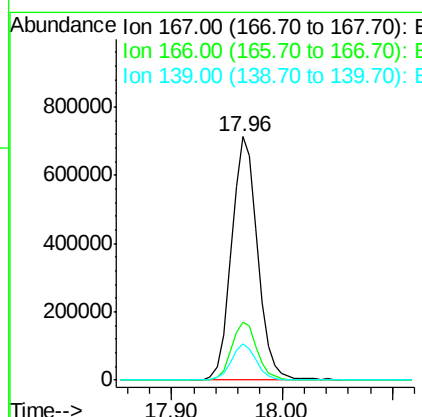
Manual Integrations
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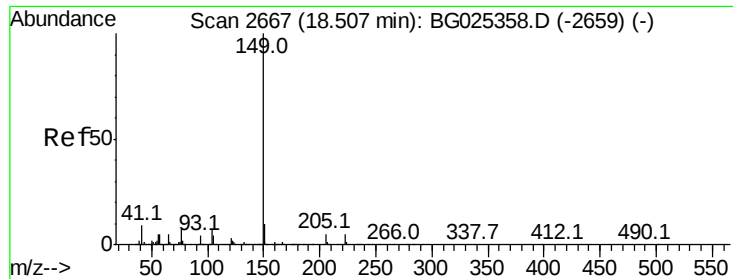
mohammad
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#72
 Carbazole
 Concen: 50.14 ng
 RT: 17.96 min Scan# 2574
 Delta R.T. -0.02 min
 Lab File: BG025564.D
 Acq: 21 Jan 2017 8:44

Tgt Ion:167 Resp: 1179804
 Ion Ratio Lower Upper
 167 100
 166 24.0 20.2 30.2
 139 14.9 12.8 19.2





#73

Di-n-butylphthalate

Concen: 48.72 ng

RT: 18.48 min Scan# 2661

Delta R.T. -0.02 min

Lab File: BG025564.D

Acq: 21 Jan 2017 8:44

Instrument :

BNA_G

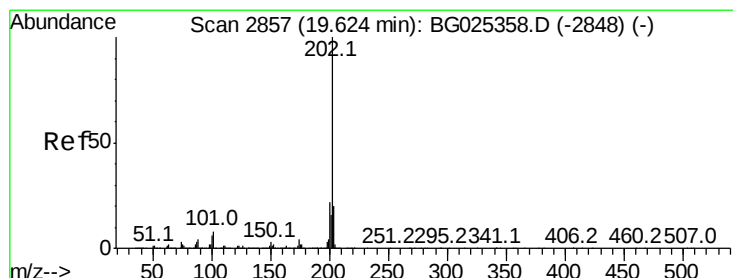
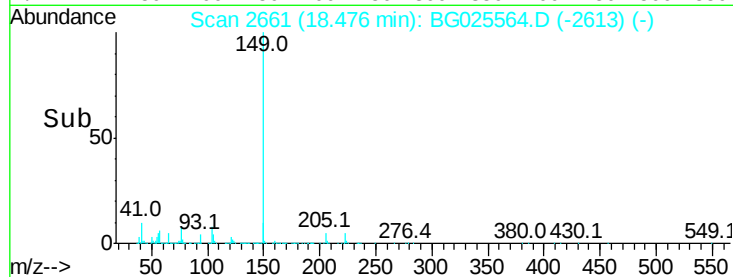
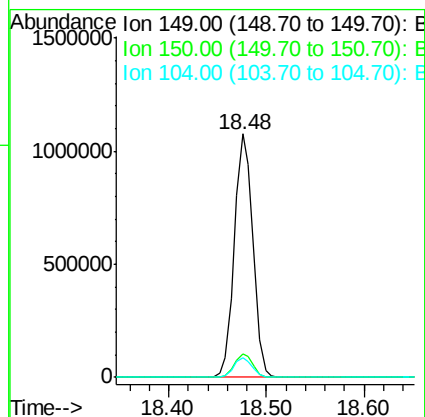
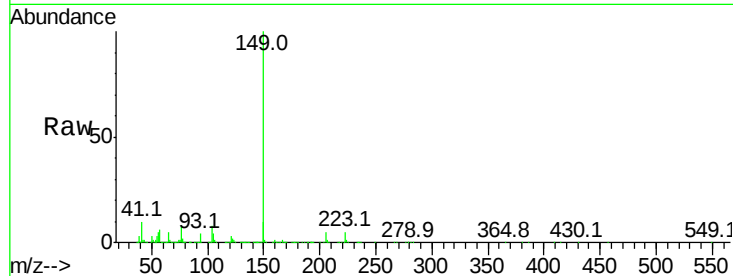
ClientSampleId :

BLACK-FILL1-0-5FT-COMPMSD

Tot Ion:	149	Resp:	1410290
Ion	Ratio	Lower	Upper
149	100		
150	9.9	9.1	13.7
104	8.0	6.7	10.1

Manual Integrations
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mohammad
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#74

Fluoranthene

Concen: 49.64 ng

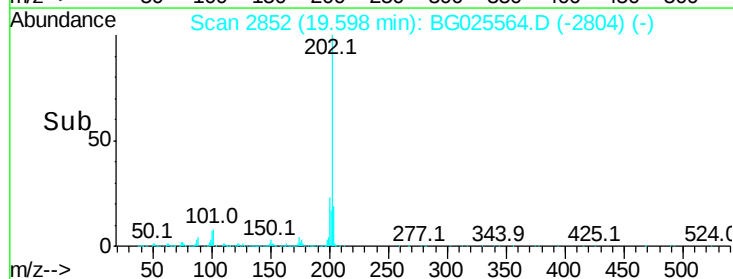
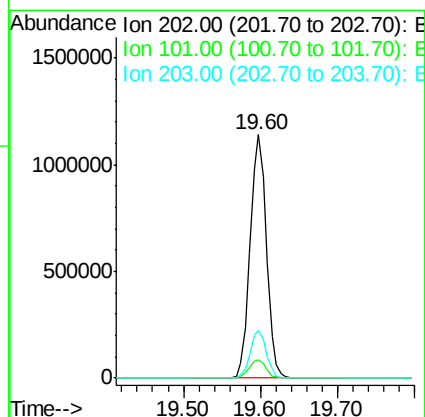
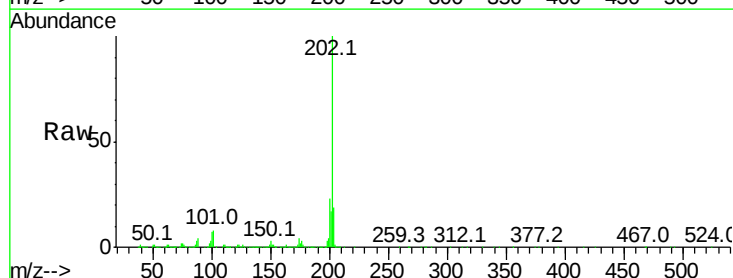
RT: 19.60 min Scan# 2852

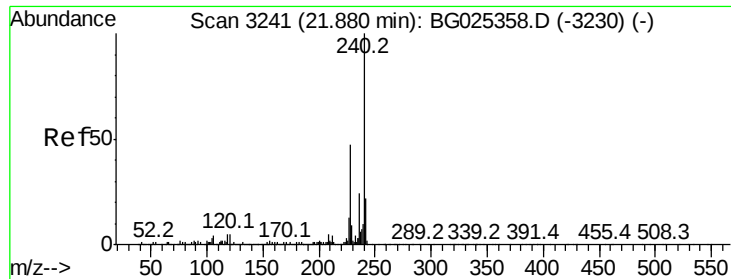
Delta R.T. -0.02 min

Lab File: BG025564.D

Acq: 21 Jan 2017 8:44

Tgt Ion:	202	Resp:	1697202
Ion	Ratio	Lower	Upper
202	100		
101	7.7	0.0	30.1
203	19.5	1.3	41.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.84 min Scan# 3234

Delta R.T. -0.02 min

Lab File: BG025564.D

Acq: 21 Jan 2017 8:44

Instrument :

BNA_G

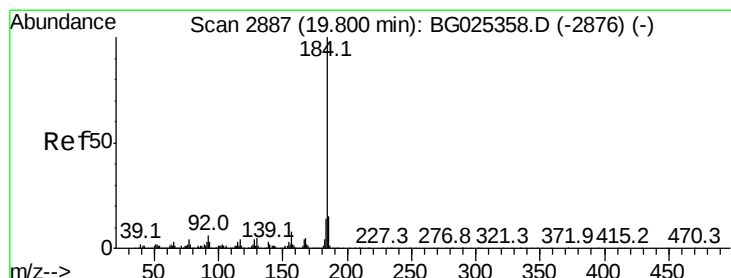
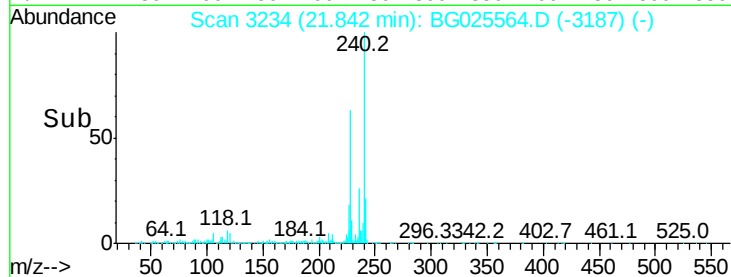
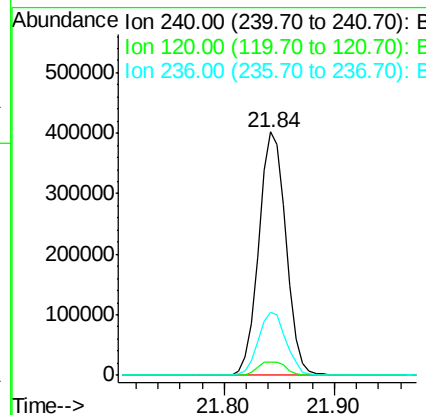
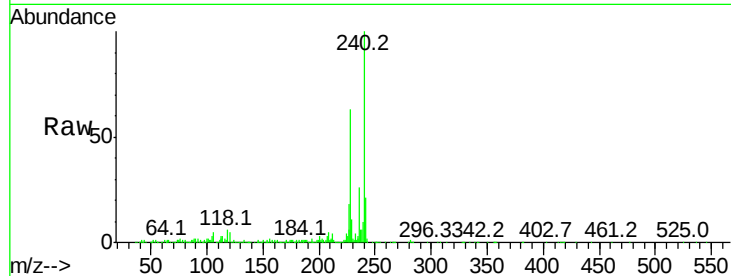
ClientSampleId :

BLACK-FILL1-0-5FT-COMPMSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	5.2	5.7	8.5#
236	26.1	22.2	33.4

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#76

Benzidine

Concen: 23.14 ng

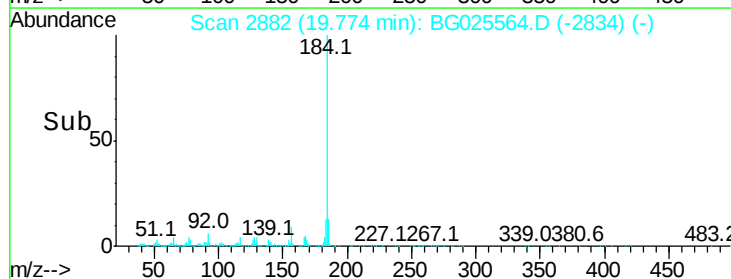
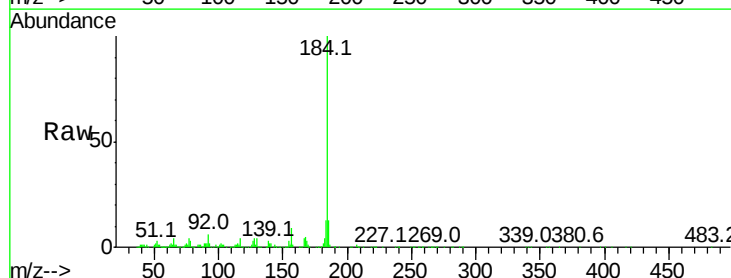
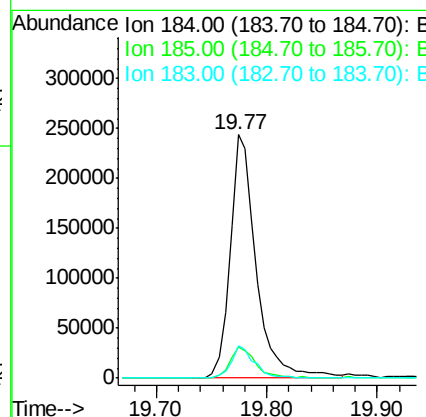
RT: 19.77 min Scan# 2882

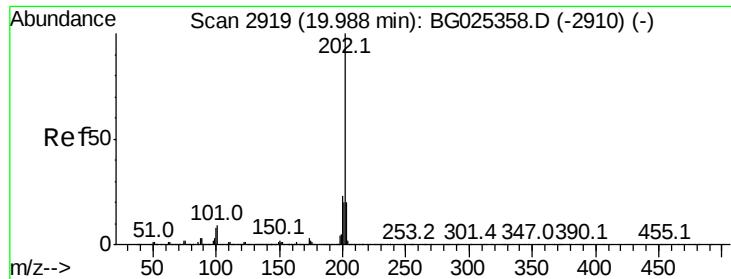
Delta R.T. -0.02 min

Lab File: BG025564.D

Acq: 21 Jan 2017 8:44

Tgt Ion	Ratio	Lower	Upper
184	100		
185	12.6	13.0	19.6#
183	13.2	11.0	16.6





#77

Pvrene

Concen: 47.56 ng

RT: 19.96 min Scan# 2914

Delta R.T. -0.02 min

Lab File: BG025564.D

Acq: 21 Jan 2017 8:44

Instrument :

BNA_G

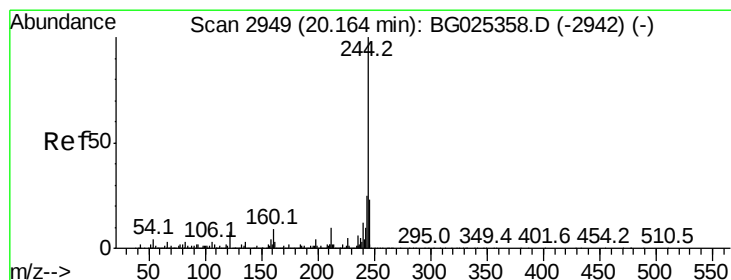
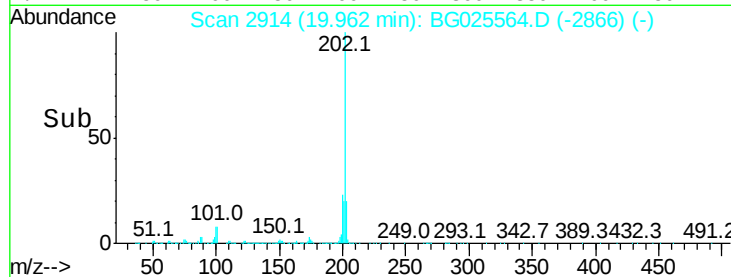
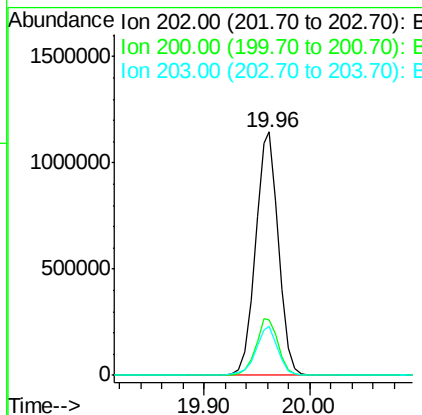
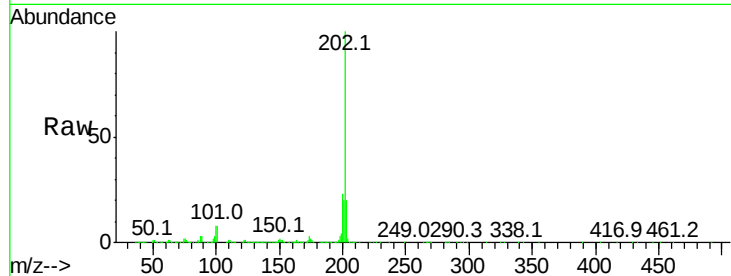
ClientSampleId :

BLACK-FILL1-0-5FT-COMPMSD

Tot Ion:	202	Resp:	1724913
Ion	Ratio	Lower	Upper
202	100		
200	23.0	19.6	29.4
203	20.0	15.8	23.8

Manual Integrations
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#78

Terphenyl-d14

Concen: 94.59 ng

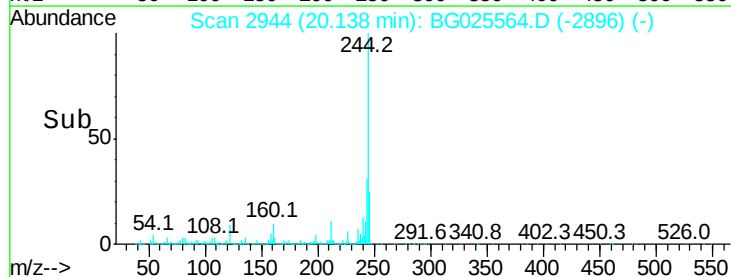
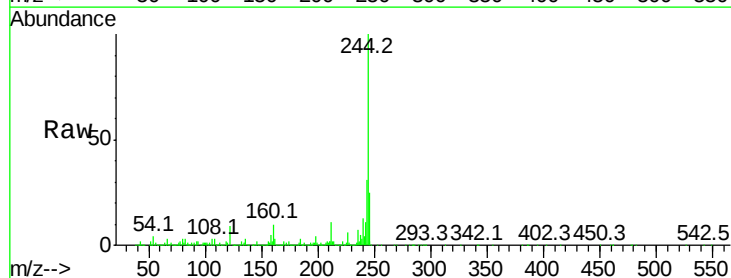
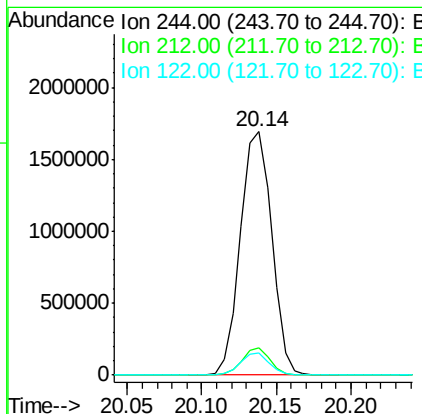
RT: 20.14 min Scan# 2944

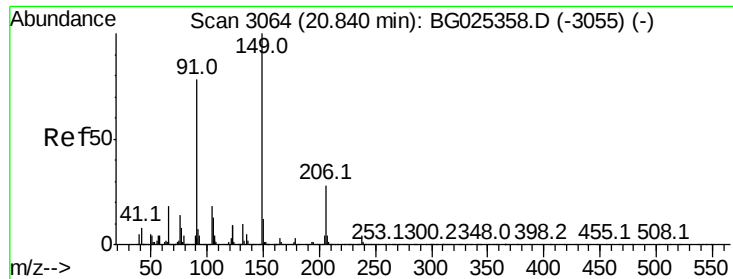
Delta R.T. -0.02 min

Lab File: BG025564.D

Acq: 21 Jan 2017 8:44

Tgt Ion:	244	Resp:	2475668
Ion	Ratio	Lower	Upper
244	100		
212	11.0	10.0	15.0
122	8.9	8.6	12.8





#79

Butylbenzylphthalate

Concen: 51.17 ng

RT: 20.81 min Scan# 3058

Delta R.T. -0.02 min

Lab File: BG025564.D

Acq: 21 Jan 2017 8:44

Instrument :

BNA_G

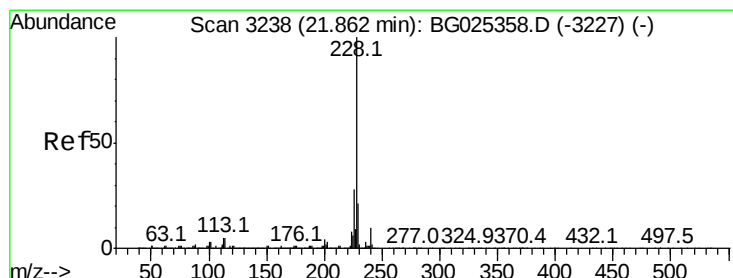
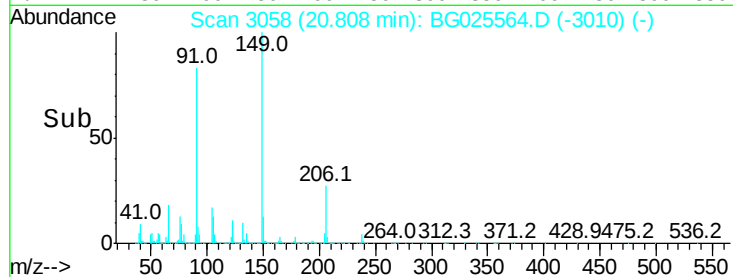
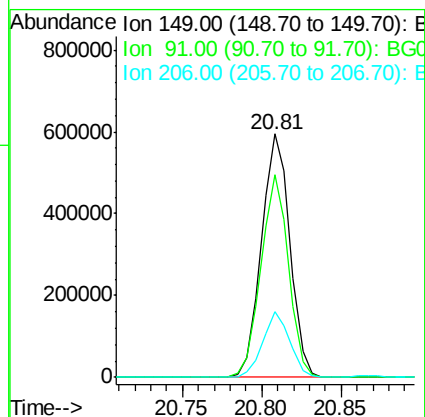
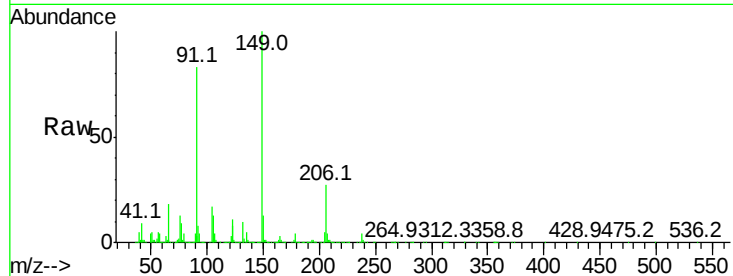
ClientSampleId :

BLACK-FILL1-0-5FT-COMPMSD

Tot Ion:	149	Resp:	745081
Ion Ratio	Lower	Upper	
149	100		
91	83.4	63.5	95.3
206	27.1	21.0	31.6

Manual Integrations
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#80

Benzo(a)anthracene

Concen: 49.55 ng

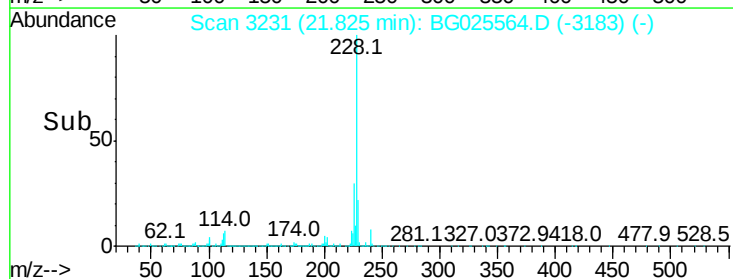
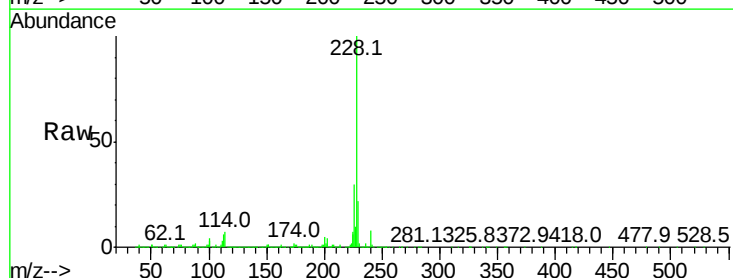
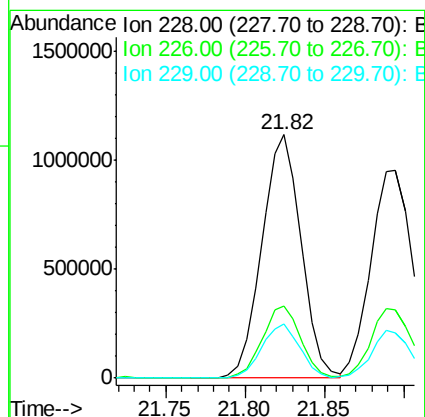
RT: 21.82 min Scan# 3231

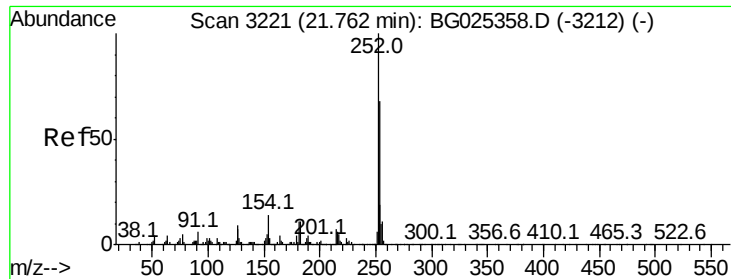
Delta R.T. -0.02 min

Lab File: BG025564.D

Acq: 21 Jan 2017 8:44

Tgt Ion:	228	Resp:	1917979
Ion Ratio	Lower	Upper	
228	100		
226	29.8	24.9	37.3
229	22.4	18.2	27.2





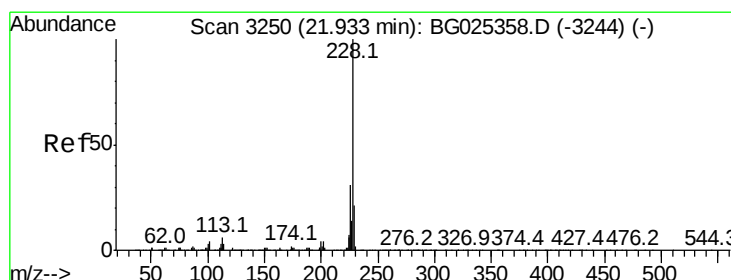
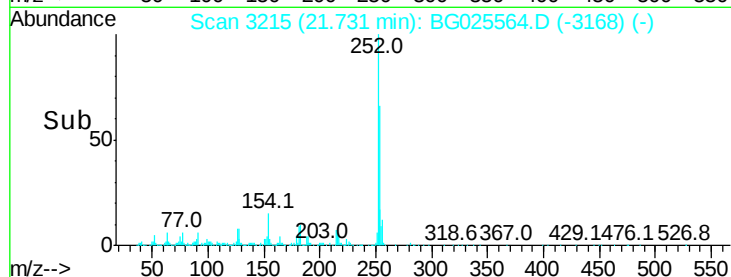
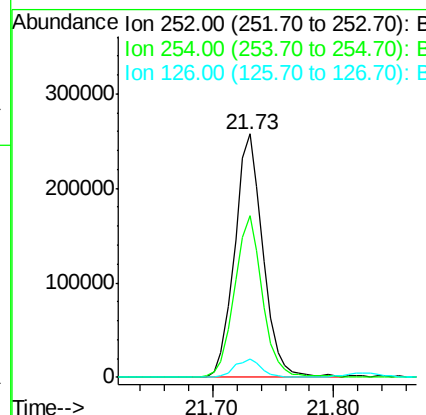
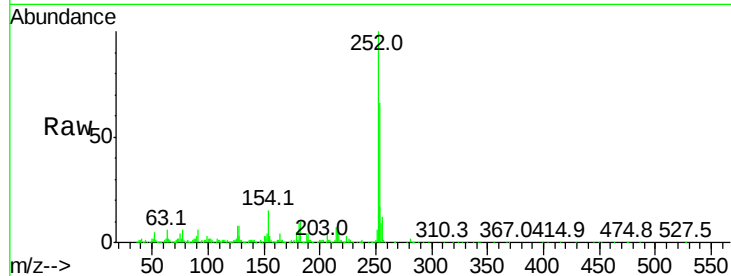
#81
 3,3'-Dichlorobenzidine
 Concen: 27.95 ng
 RT: 21.73 min Scan# 3215
 Delta R.T. -0.02 min
 Lab File: BG025564.D
 Acq: 21 Jan 2017 8:44

Instrument :
 BNA_G
 ClientSampleId :
 BLACK-FILL1-0-5FT-COMPMSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	66.2	53.1	79.7
126	7.6	7.0	10.4

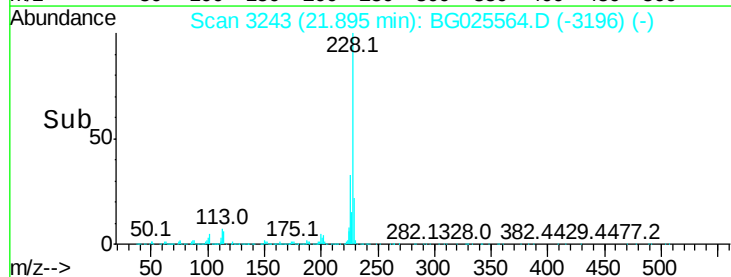
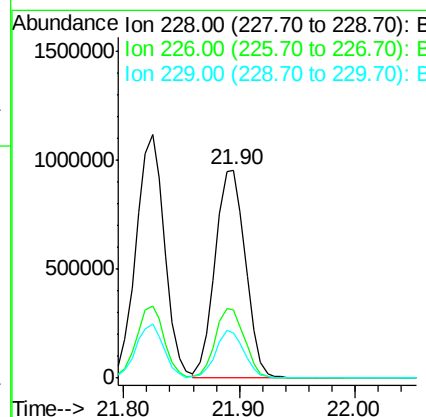
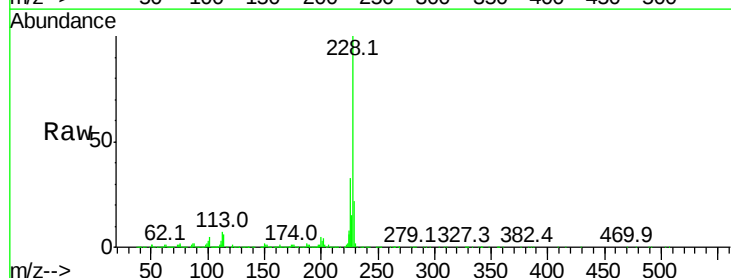
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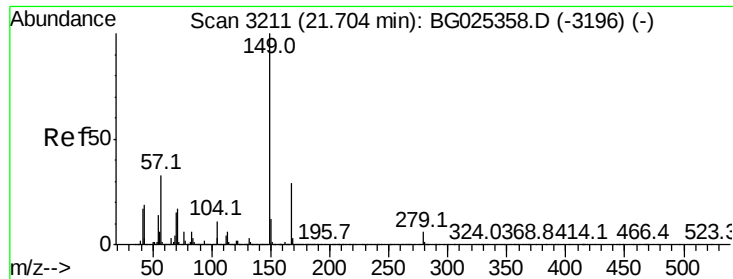
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#82
 Chrysene
 Concen: 47.03 ng
 RT: 21.90 min Scan# 3243
 Delta R.T. -0.02 min
 Lab File: BG025564.D
 Acq: 21 Jan 2017 8:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.6	27.0	40.4
229	21.6	17.8	26.6





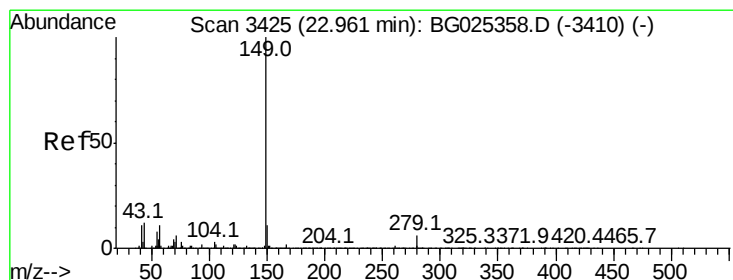
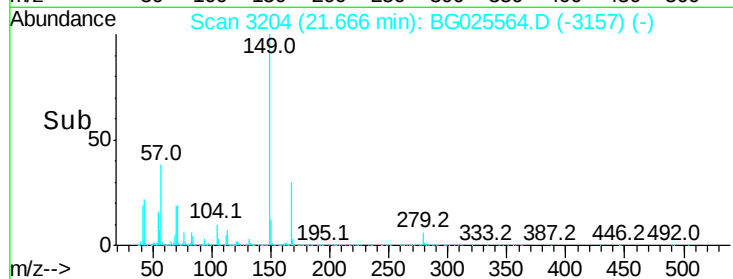
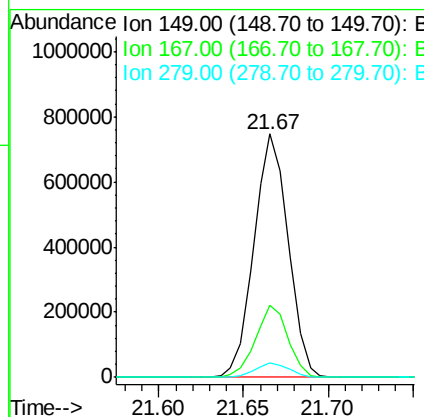
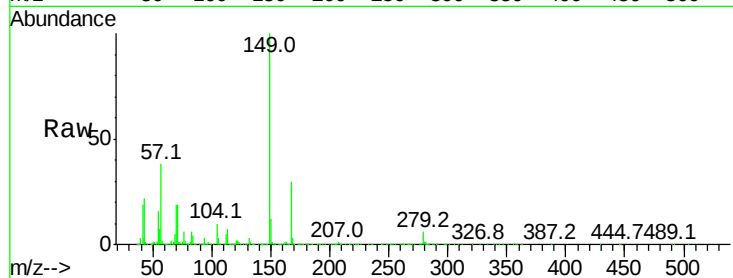
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 51.72 ng
 RT: 21.67 min Scan# 3204
 Delta R.T. -0.02 min
 Lab File: BG025564.D
 Acq: 21 Jan 2017 8:44

Instrument :
 BNA_G
 ClientSampleId :
 BLACK-FILL1-0-5FT-COMPMSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	29.6	23.7	35.5
279	5.8	4.6	6.8

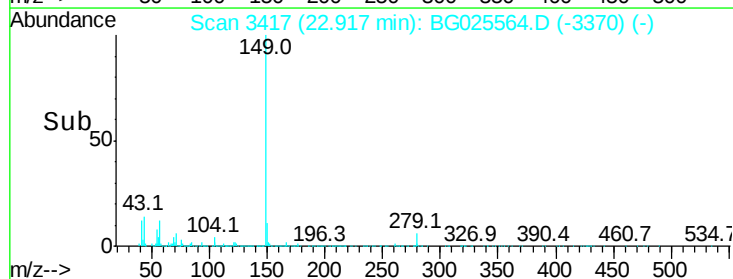
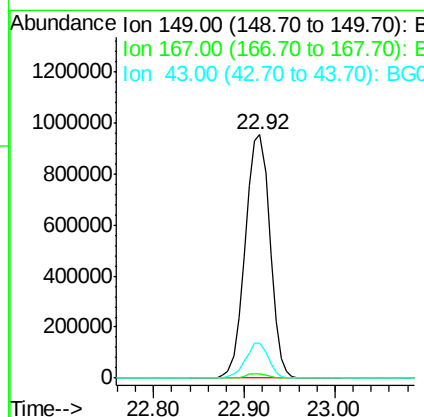
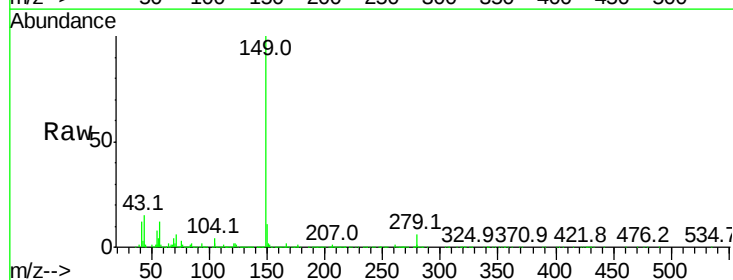
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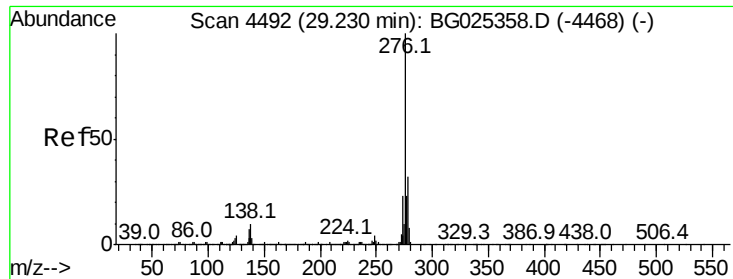
mohammad
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#84
 Di-n-octyl phthalate
 Concen: 53.56 ng
 RT: 22.92 min Scan# 3417
 Delta R.T. -0.02 min
 Lab File: BG025564.D
 Acq: 21 Jan 2017 8:44

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.2
43	13.3	11.8	17.6





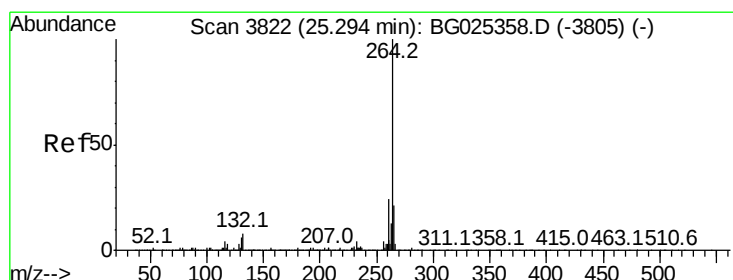
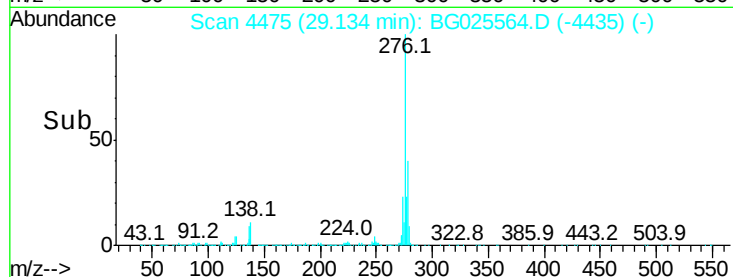
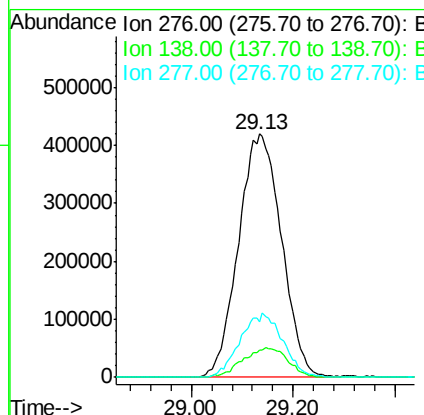
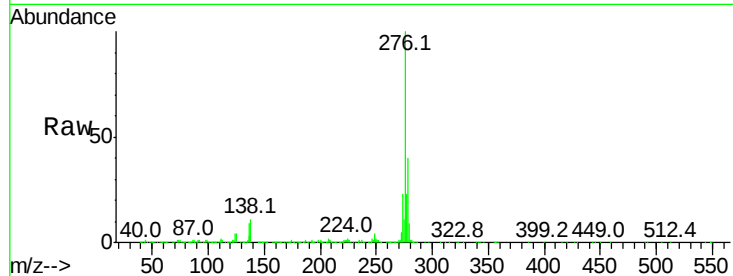
#85
Indeno(1,2,3-cd)pyrene
Concen: 52.37 ng
RT: 29.13 min Scan# 4475
Delta R.T. -0.06 min
Lab File: BG025564.D
Acq: 21 Jan 2017 8:44

Instrument :
BNA_G
ClientSampleId :
BLACK-FILL1-0-5FT-COMPMSD

Tot Ion:276 Resp: 2471193
Ion Ratio Lower Upper
276 100
138 12.8 4.7 7.1#
277 26.1 20.6 31.0

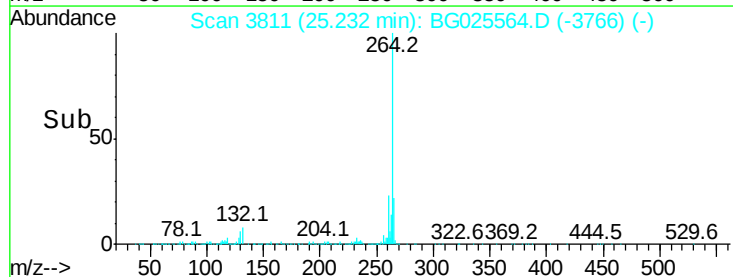
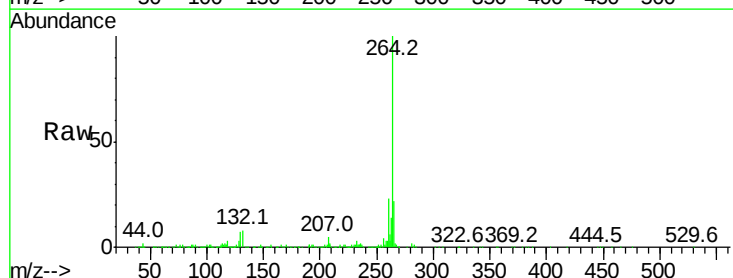
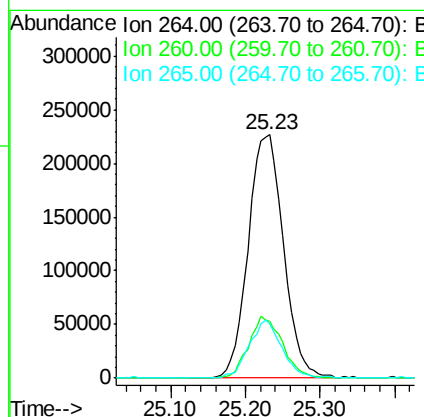
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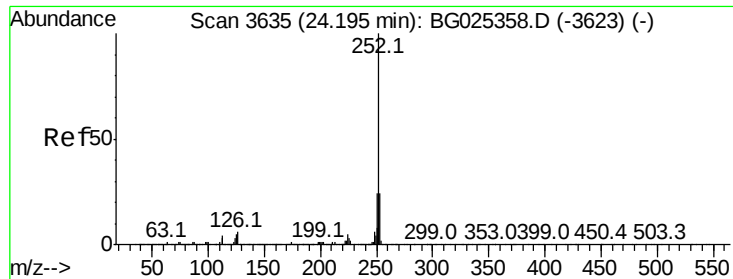
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 25.23 min Scan# 3811
Delta R.T. -0.03 min
Lab File: BG025564.D
Acq: 21 Jan 2017 8:44

Tgt Ion:264 Resp: 744217
Ion Ratio Lower Upper
264 100
260 23.2 21.8 32.8
265 22.3 18.2 27.4





#87

Benzo(b)fluoranthene

Concen: 49.52 ng

RT: 24.14 min Scan# 3625

Delta R.T. -0.03 min

Lab File: BG025564.D

Acq: 21 Jan 2017 8:44

Instrument :

BNA_G

ClientSampleId :

BLACK-FILL1-0-5FT-COMPMSD

Tot Ion:252 Resp: 2010885

Ion Ratio Lower Upper

252 100

253 23.8 18.7 28.1

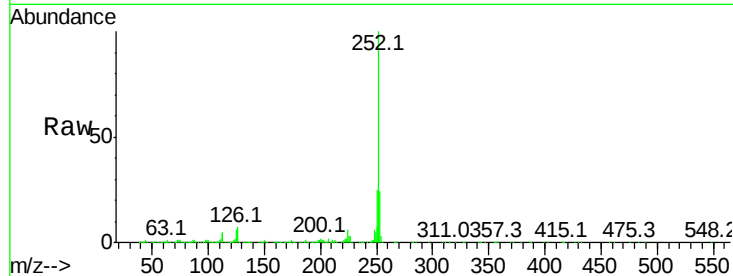
125 5.9 5.3 7.9

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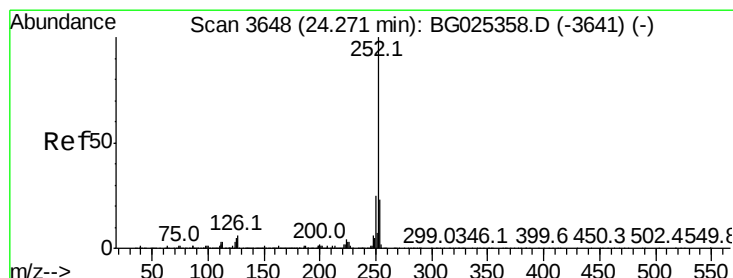
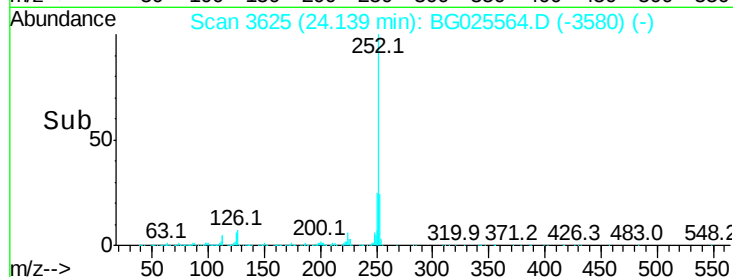
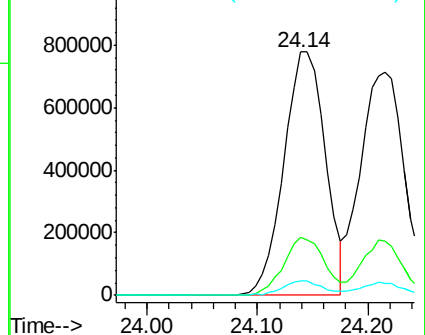
1/23/2017 4:59:46 PM



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 50.49 ng

RT: 24.22 min Scan# 3638

Delta R.T. -0.03 min

Lab File: BG025564.D

Acq: 21 Jan 2017 8:44

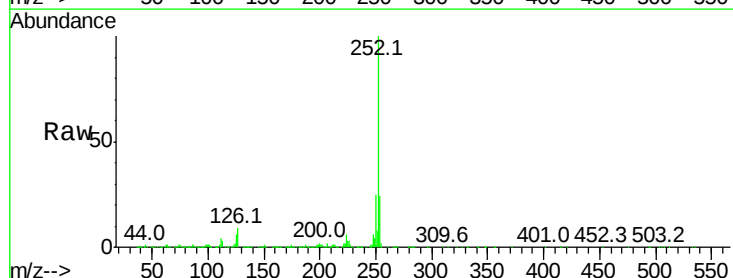
Tgt Ion:252 Resp: 1979983

Ion Ratio Lower Upper

252 100

253 24.5 20.2 30.2

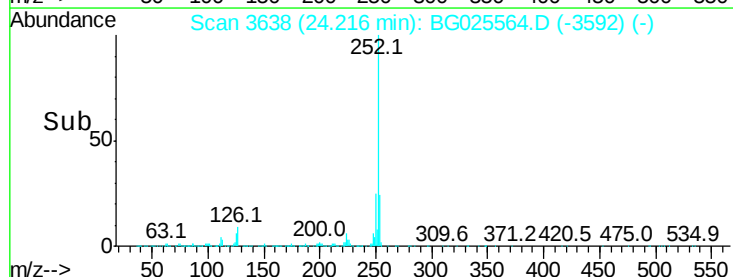
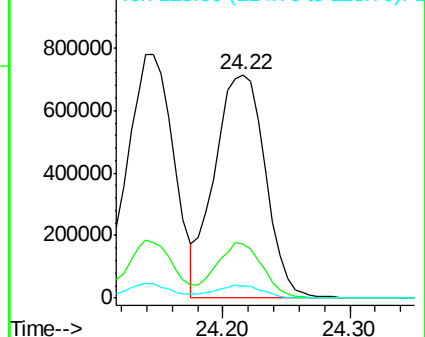
125 5.6 5.1 7.7

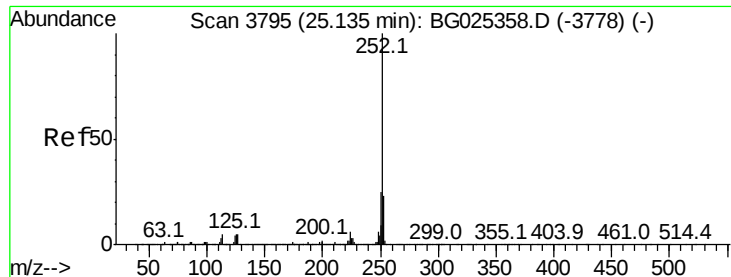


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





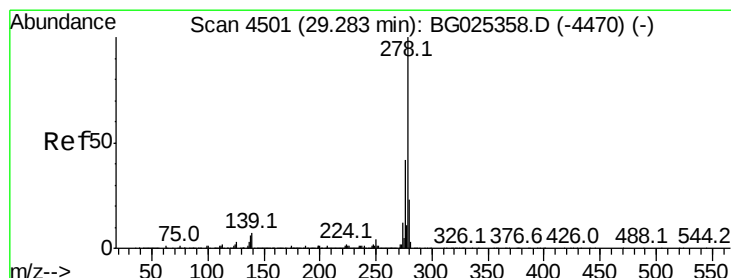
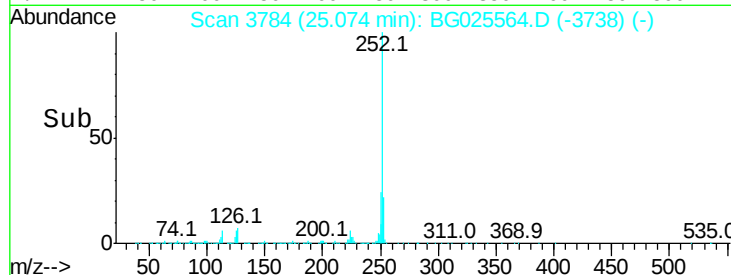
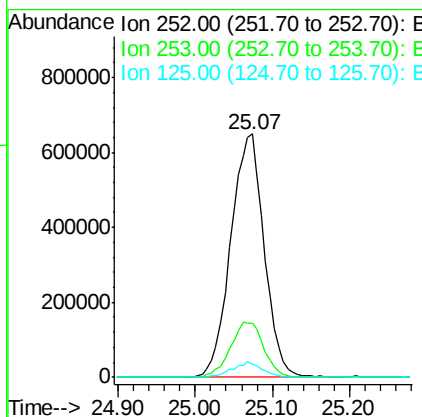
#89
Benzo(a)pyrene
Concen: 50.13 ng
RT: 25.07 min Scan# 3784
Delta R.T. -0.03 min
Lab File: BG025564.D
Acq: 21 Jan 2017 8:44

Instrument :
BNA_G
ClientSampleId :
BLACK-FILL1-0-5FT-COMPMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	19.2	28.8
125	5.5	5.4	8.0

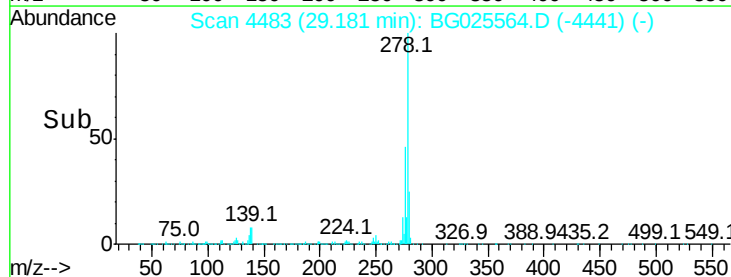
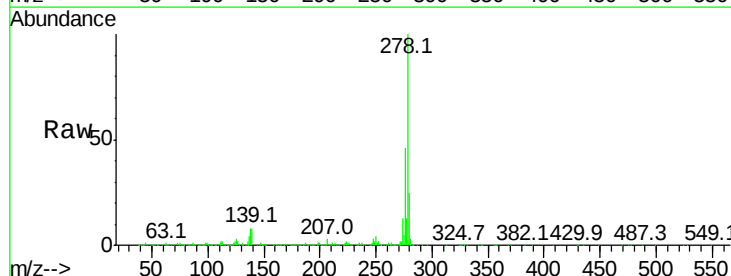
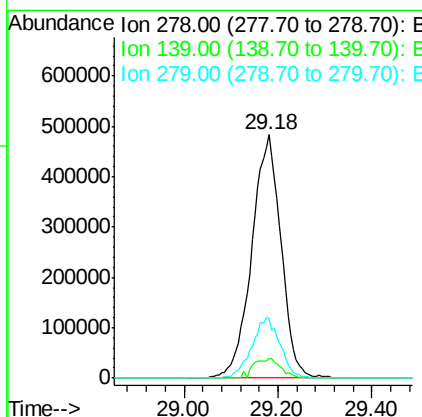
Manual Integrations
APPROVED

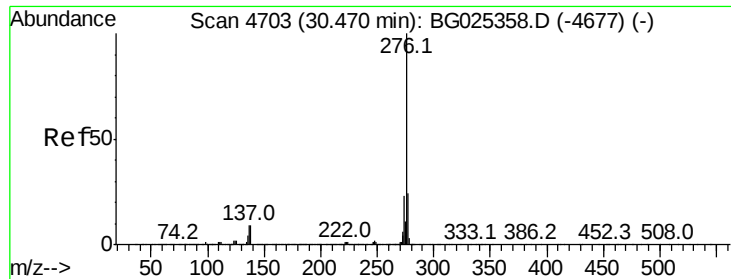
mohammad
1/23/2017 4:59:46 PM



#90
Dibenzo(a,h)anthracene
Concen: 50.29 ng
RT: 29.18 min Scan# 4483
Delta R.T. -0.05 min
Lab File: BG025564.D
Acq: 21 Jan 2017 8:44

Tgt Ion	Ratio	Lower	Upper
278	100		
139	8.3	7.7	11.5
279	24.6	19.1	28.7





#91
 Benzo(a,h,i)perylene
 Concen: 49.24 ng
 RT: 30.36 min Scan# 4684
 Delta R.T. -0.06 min
 Lab File: BG025564.D
 Acq: 21 Jan 2017 8:44

Instrument :
 BNA_G
 ClientSampleId :
 BLACK-FILL1-0-5FT-COMPMSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.6	27.8
138	9.9	8.1	12.1

Manual Integrations
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