

Data Path : Z:\HPCHEM1\BNA G\DATA\BG013017\
 Data File : BG025717.D
 Acq On : 30 Jan 2017 23:08
 Operator : SJ/MA
 Sample : 8270SPK
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 8270SPK

Manual Integrations
 APPROVED

mohammad
 1/31/2017 3:41:23 PM

Quant Time: Jan 31 00:53:49 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 18:29:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	61475	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	252416	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	200924	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	465055	20.00	ng	0.00
75) Chrysene-d12	21.84	240	658397	20.00	ng	0.00
86) Perylene-d12	25.21	264	676937	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	0.00	112	0d	0.00	ng	
7) Phenol-d6	0.00	99	0d	0.00	ng	
23) Nitrobenzene-d5	0.00	82	0d	0.00	ng	
41) 2,4,6-Tribromophenol	0.00	330	0d	0.00	ng	
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	
78) Terphenyl-d14	0.00	244	0d	0.00	ng	

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	76100	48.94	ng	94
3) Pyridine	3.94	79	212449	50.35	ng	94
4) n-Nitrosodimethylamine	3.87	42	131469	54.16	ng	84
6) Aniline	7.49	93	285216	40.41	ng	96
8) 2-Chlorophenol	7.73	128	225984	58.04	ng	96
9) Benzaldehyde	7.31	77	202236	47.58	ng	95
10) Phenol	7.36	94	324267	57.59	ng	95
11) bis(2-Chloroethyl)ether	7.58	93	236159	53.04	ng	92
12) 1,3-Dichlorobenzene	8.05	146	245550	51.57	ng	94
13) 1,4-Dichlorobenzene	8.20	146	248871	51.41	ng	98
14) 1,2-Dichlorobenzene	8.52	146	235602	50.79	ng	98
15) Benzyl Alcohol	8.42	79	261542	60.37	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.69	45	432409	48.10	ng	94
17) 2-Methylphenol	8.62	107	204535	53.18	ng	97
18) Hexachloroethane	9.24	117	98133	49.78	ng	95
19) n-Nitroso-di-n-propylamine	8.97	70	217823	49.27	ng	98
20) 3+4-Methylphenols	8.95	107	273208	52.05	ng	96
22) Acetophenone	9.00	105	353564	51.16	ng	# 97
24) Nitrobenzene	9.40	77	324198	49.70	ng	98
25) Isophorone	9.91	82	589241	50.62	ng	98
26) 2-Nitrophenol	10.11	139	131891	57.07	ng	96
27) 2,4-Dimethylphenol	10.15	122	240990	59.86	ng	98
28) bis(2-Chloroethoxy)methane	10.38	93	326477	52.99	ng	96
29) 2,4-Dichlorophenol	10.65	162	241056	58.35	ng	98
30) 1,2,4-Trichlorobenzene	10.85	180	256689	53.42	ng	95
31) Naphthalene	11.04	128	681945	52.04	ng	99
32) Benzoic acid	10.32	122	128547	49.13	ng	93
33) 4-Chloroaniline	11.17	127	155604	28.57	ng	94
34) Hexachlorobutadiene	11.30	225	191315	48.94	ng	96
35) Caprolactam	11.95	113	89695m	50.95	ng	
36) 4-Chloro-3-methylphenol	12.28	107	283846	56.40	ng	94
37) 2-Methylnaphthalene	12.64	142	521102	51.51	ng	94
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	326492	48.52	ng	96
40) Hexachlorocyclopentadiene	12.96	237	294416	108.82	ng	98

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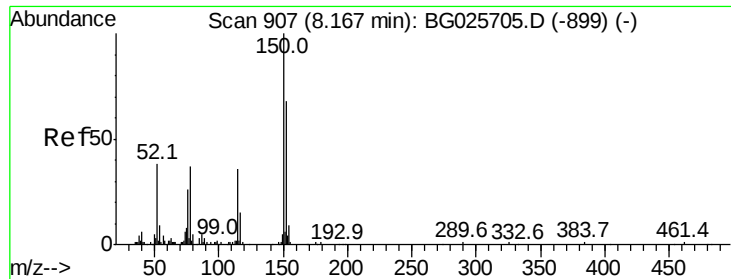
Manual Integrations
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Quant Time: Jan 31 00:53:49 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG013017.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.25	196	218832	55.55	nq	96
43) 2,4,5-Trichlorophenol	13.33	196	220108	51.76	nq	94
45) 1,1'-Biphenyl	13.63	154	715490	51.19	nq	94
46) 2-Chloronaphthalene	13.69	162	562893	51.28	nq	98
47) 2-Nitroaniline	13.90	65	243107	51.46	nq	96
48) Acenaphthylene	14.53	152	876523	48.00	nq	97
49) Dimethylphthalate	14.24	163	762986	50.43	nq	100
50) 2,6-Dinitrotoluene	14.39	165	166658	48.64	nq	97
51) Acenaphthene	14.86	154	557117	49.37	nq	98
52) 3-Nitroaniline	14.73	138	109487	33.89	nq	96
53) 2,4-Dinitrophenol	14.95	184	206110	98.12	nq	# 85
54) Dibenzofuran	15.20	168	902009	52.91	nq	96
55) 4-Nitrophenol	15.05	139	247484	97.74	nq	94
56) 2,4-Dinitrotoluene	15.18	165	256537	51.17	nq	# 79
57) Fluorene	15.84	166	732923	48.39	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.43	232	235670	59.30	nq	95
59) Diethylphthalate	15.59	149	806262	50.26	nq	97
60) 4-Chlorophenyl-phenylether	15.82	204	401213	48.86	nq	95
61) 4-Nitroaniline	15.90	138	165271	50.94	nq	99
62) Azobenzene	16.12	77	896401	54.92	nq	97
64) 4,6-Dinitro-2-methylphenol	15.95	198	177321	53.65	nq	84
65) n-Nitrosodiphenylamine	16.04	169	688441	51.57	nq	99
66) 4-Bromophenyl-phenylether	16.72	248	291310	51.51	nq	96
67) Hexachlorobenzene	16.85	284	314814	49.49	nq	92
68) Atrazine	16.98	200	311790	47.31	nq	99
69) Pentachlorophenol	17.20	266	318106	113.82	nq	95
70) Phenanthrene	17.59	178	1286755	50.92	nq	96
71) Anthracene	17.68	178	1345311	51.62	nq	99
72) Carbazole	17.96	167	1226294	48.59	nq	98
73) Di-n-butylphthalate	18.47	149	1496420	51.24	nq	99
74) Fluoranthene	19.59	202	1744636	50.37	nq	96
76) Benzidine	19.77	184	1074231	47.51	nq	98
77) Pyrene	19.95	202	1806452	49.25	nq	100
79) Butylbenzylphthalate	20.80	149	787501	51.72	nq	98
80) Benzo(a)anthracene	21.81	228	1915174	49.12	nq	99
81) 3,3'-Dichlorobenzidine	21.72	252	457140	29.87	nq	95
82) Chrysene	21.88	228	1750405	47.49	nq	99
83) Bis(2-ethylhexyl)phthalate	21.65	149	1092216	51.50	nq	98
84) Di-n-octyl phthalate	22.90	149	1835003	53.27	nq	98
85) Indeno(1,2,3-cd)pyrene	29.11	276	2286530	50.89	nq	# 98
87) Benzo(b)fluoranthene	24.13	252	1972887	50.42	nq	99
88) Benzo(k)fluoranthene	24.20	252	1839611	48.04	nq	96
89) Benzo(a)pyrene	25.06	252	1878326	50.47	nq	97
90) Dibenzo(a,h)anthracene	29.16	278	1902413	49.43	nq	97
91) Benzo(g,h,i)perylene	30.34	276	1886084	49.32	nq	# 97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.17 min Scan# 907

Delta R.T. 0.00 min

Lab File: BG025717.D

Acq: 30 Jan 2017 23:08

Instrument :

BNA_G

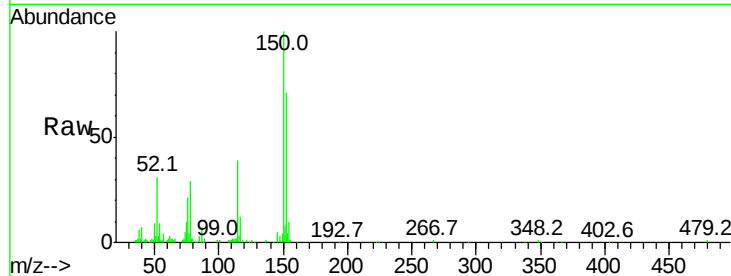
ClientSampleId :

8270SPK

Tot Ion	Ratio	Lower	Upper
152	100		
150	140.5	114.0	171.0
115	55.1	48.1	72.1

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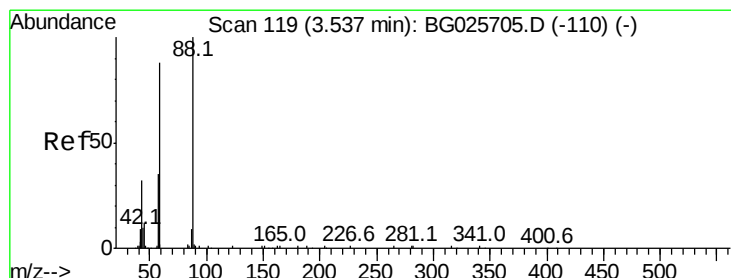
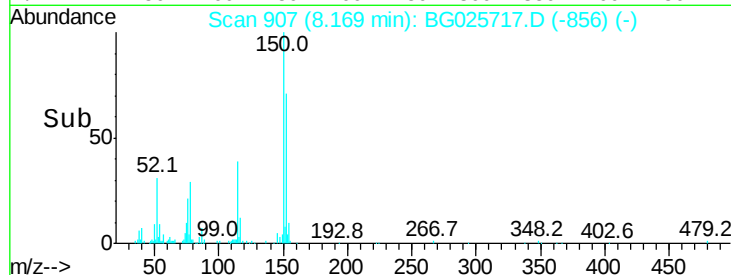
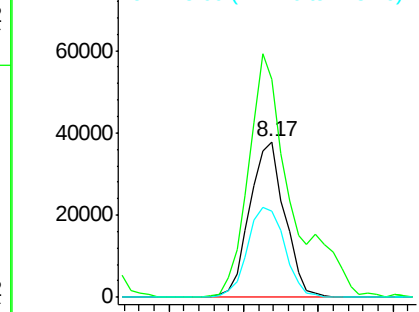


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 48.94 ng

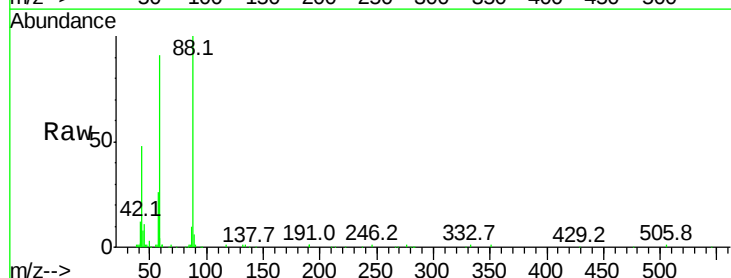
RT: 3.53 min Scan# 117

Delta R.T. -0.01 min

Lab File: BG025717.D

Acq: 30 Jan 2017 23:08

Tgt Ion	Ratio	Lower	Upper
88	100		
58	91.2	79.4	119.2
43	43.2	33.8	50.6

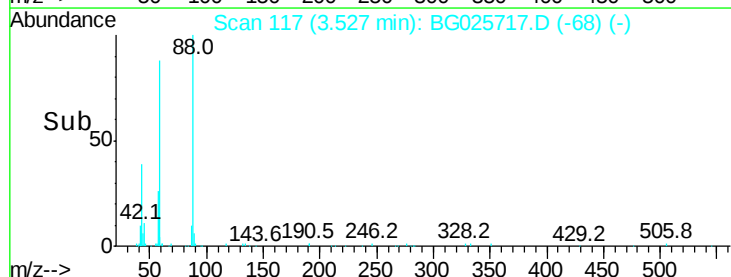
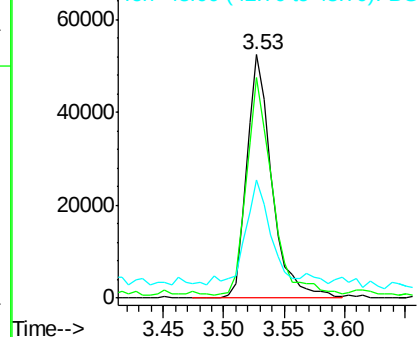


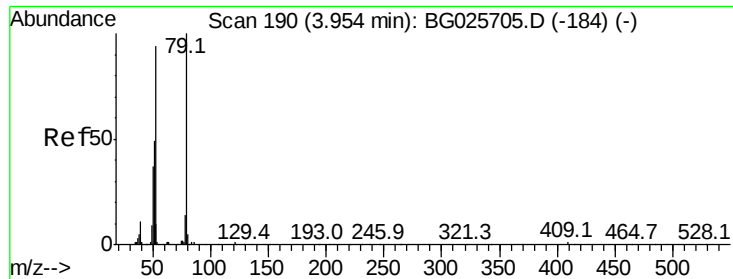
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 50.35 ng

RT: 3.94 min Scan# 188

Delta R.T. -0.01 min

Lab File: BG025717.D

Acq: 30 Jan 2017 23:08

Instrument :

BNA_G

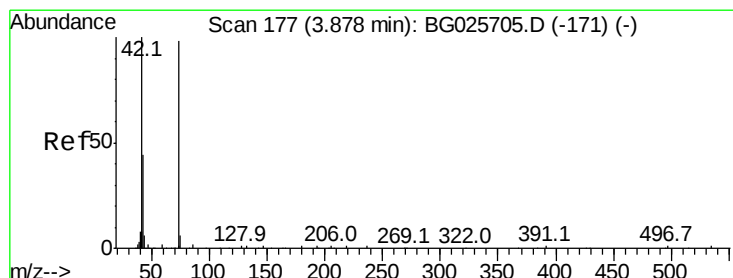
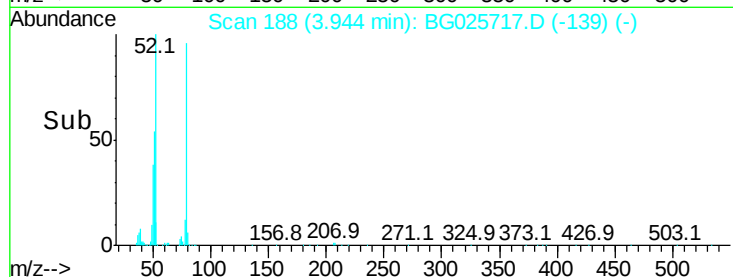
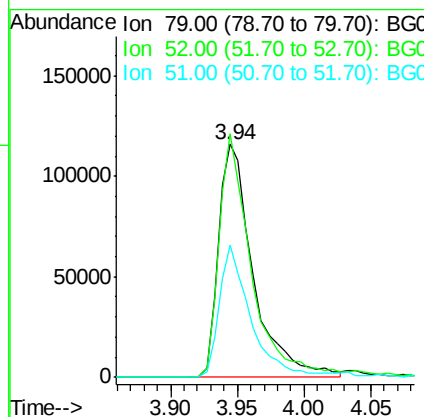
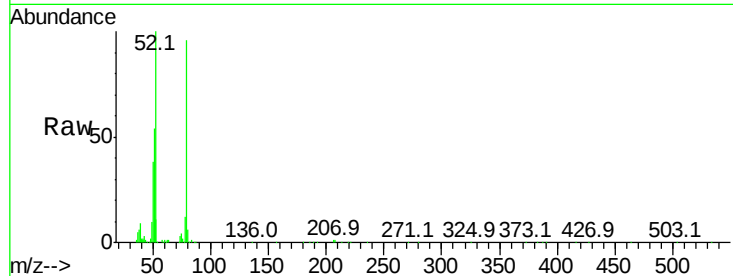
ClientSampleId :

8270SPK

Tot Ion:	79	Resp:	212449
Ion	Ratio	Lower	Upper
79	100		
52	104.6	77.8	116.6
51	56.6	43.2	64.8

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#4

n-Nitrosodimethylamine

Concen: 54.16 ng

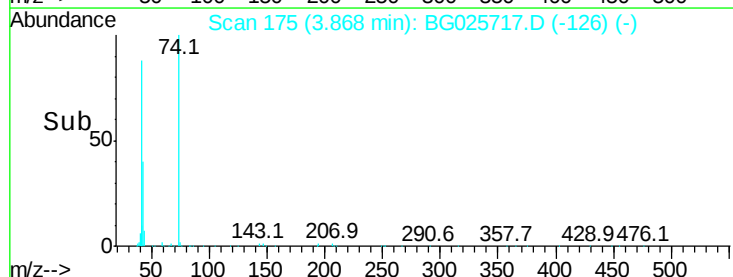
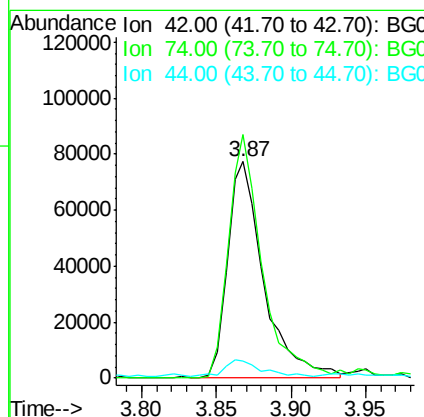
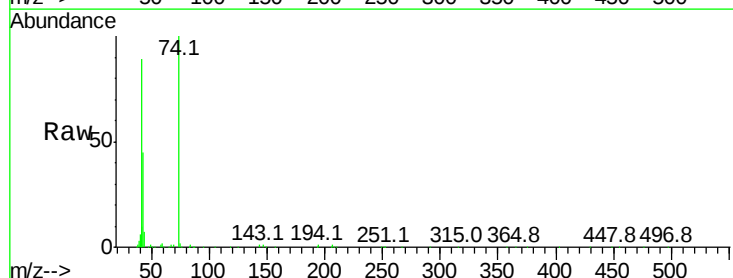
RT: 3.87 min Scan# 175

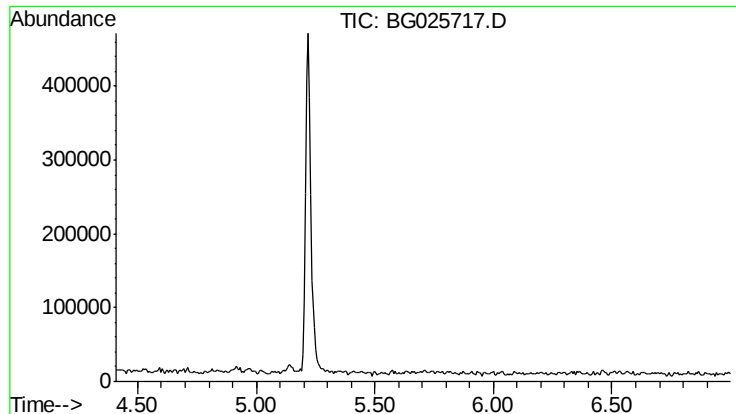
Delta R.T. -0.01 min

Lab File: BG025717.D

Acq: 30 Jan 2017 23:08

Tgt Ion:	42	Resp:	131469
Ion	Ratio	Lower	Upper
42	100		
74	112.6	76.7	115.1
44	8.0	6.1	9.1





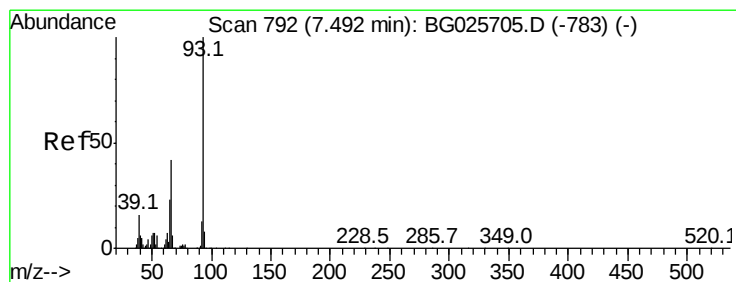
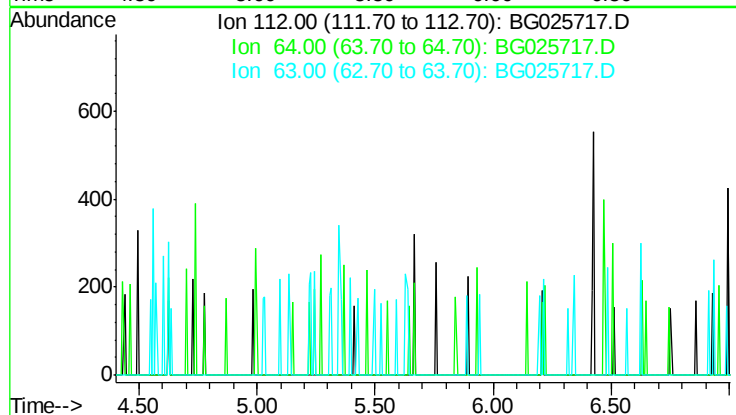
#5
 2-Fluorophenol
 Concen: 0.00 ng
 Expected RT: 5.71 min
 Lab File: BG025717.D
 Acq: 30 Jan 2017 23:08

Instrument :
 BNA_G
 ClientSampleId :
 8270SPK

Tot Ion	112
Exp Ratio	100
64	77.2
63	46.5

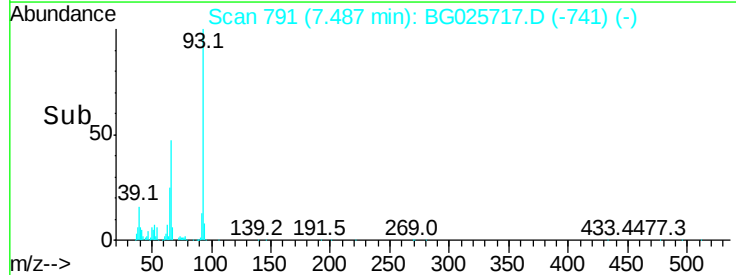
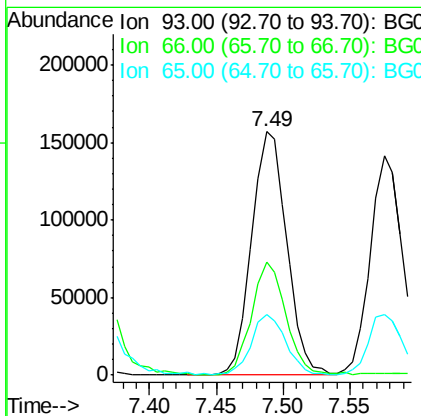
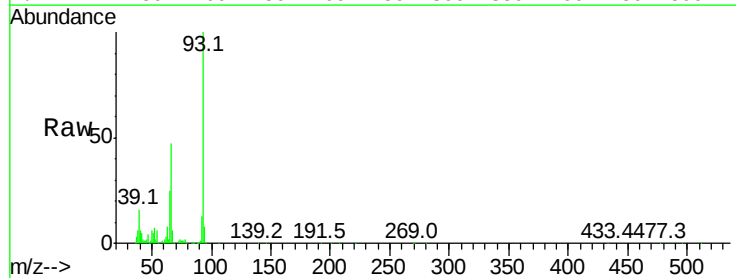
Manual Integrations
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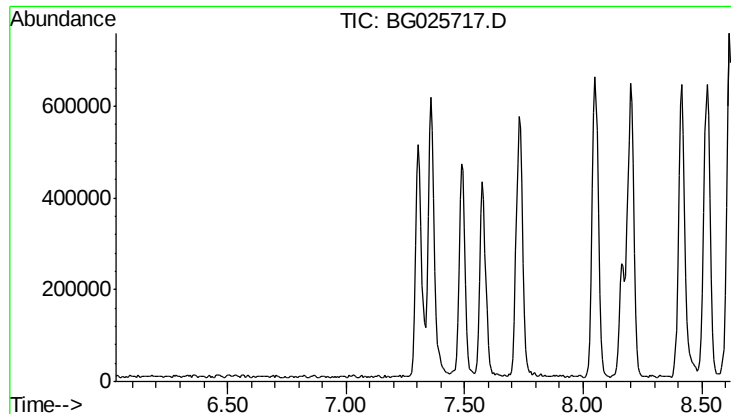
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#6
 Aniline
 Concen: 40.41 ng
 RT: 7.49 min Scan# 791
 Delta R.T. -0.00 min
 Lab File: BG025717.D
 Acq: 30 Jan 2017 23:08

Tgt Ion	93	Resp	285216
Ion Ratio	100		
66	46.7	35.4	53.2
65	24.7	21.2	31.8





#7

Phenol-d6

Concen: 0.00 ng

Expected RT: 7.33 min

Lab File: BG025717.D

Acq: 30 Jan 2017 23:08

Tot Ion: 99

Sig Exp Ratio

99 100

42 25.6

71 47.0

Instrument :

BNA_G

ClientSampleId :

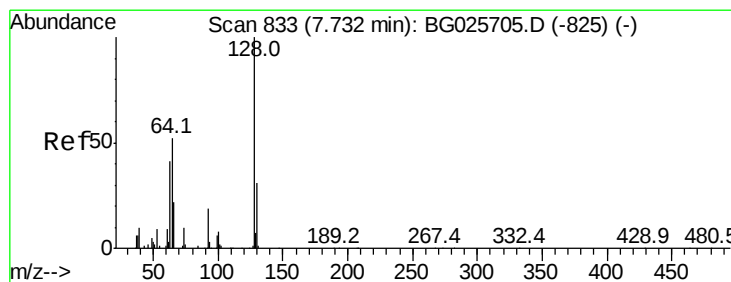
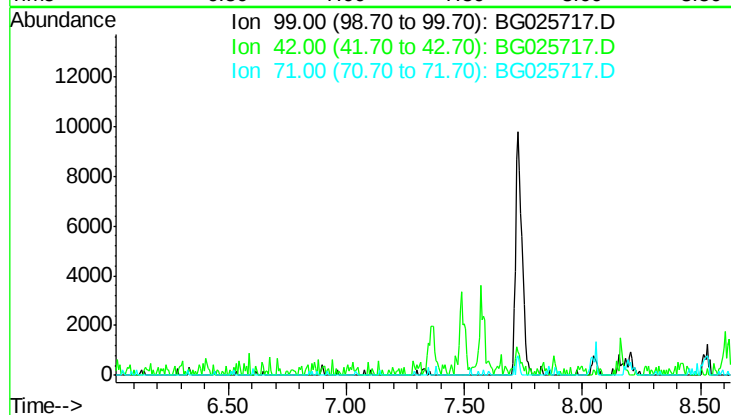
8270SPK

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#8

2-Chlorophenol

Concen: 58.04 ng

RT: 7.73 min Scan# 832

Delta R.T. -0.00 min

Lab File: BG025717.D

Acq: 30 Jan 2017 23:08

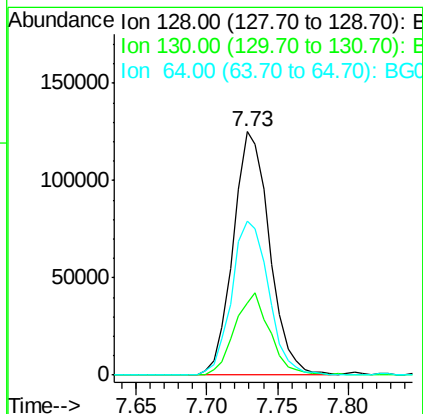
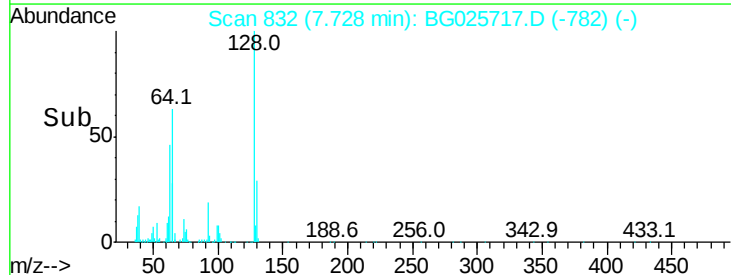
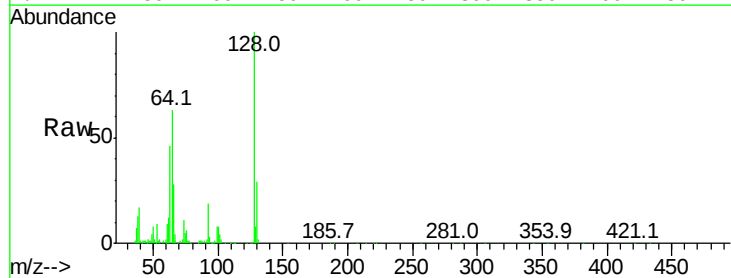
Tgt Ion:128 Resp: 225984

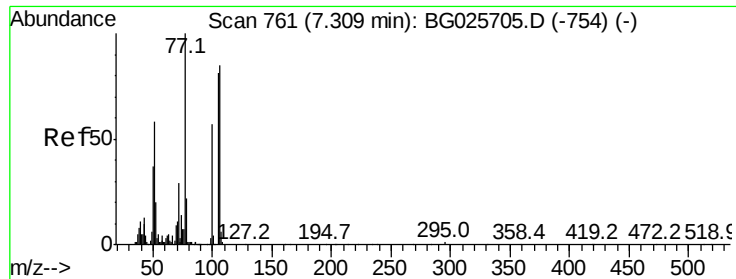
Ion Ratio Lower Upper

128 100

130 29.5 11.4 51.4

64 63.4 46.6 86.6





#9

Benzaldehyde

Concen: 47.58 ng

RT: 7.31 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG025717.D

Acq: 30 Jan 2017 23:08

Instrument :

BNA_G

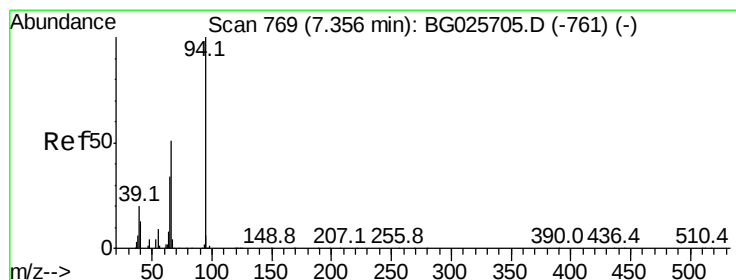
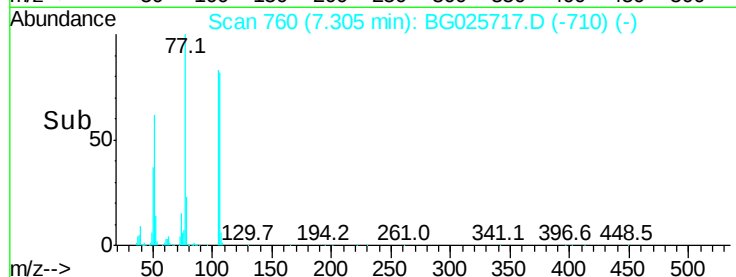
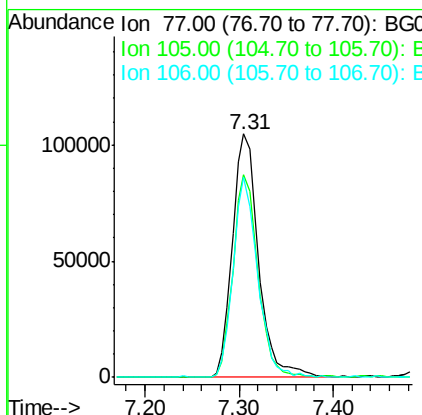
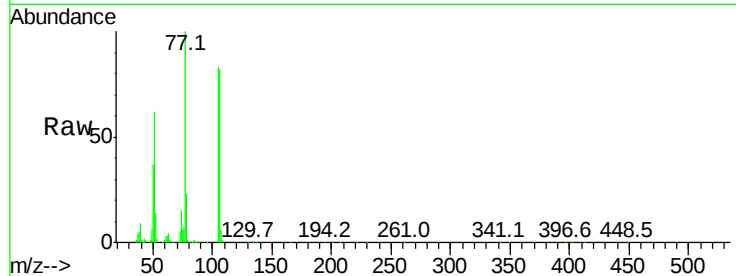
ClientSampled :

8270SPK

Tot Ion:	77	Resp:	202236
Ion Ratio	Lower	Upper	
77	100		
105	83.2	60.9	100.9
106	82.1	55.1	95.1

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#10

Phenol

Concen: 57.59 ng

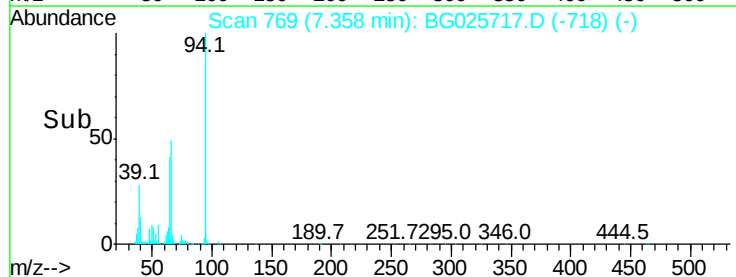
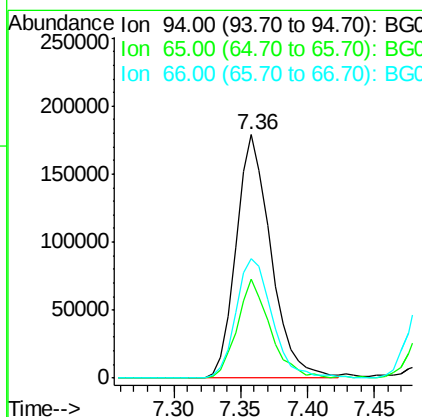
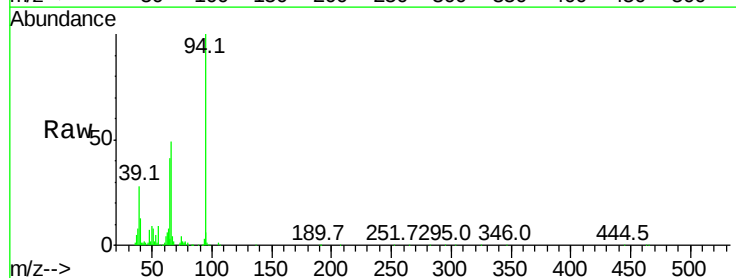
RT: 7.36 min Scan# 769

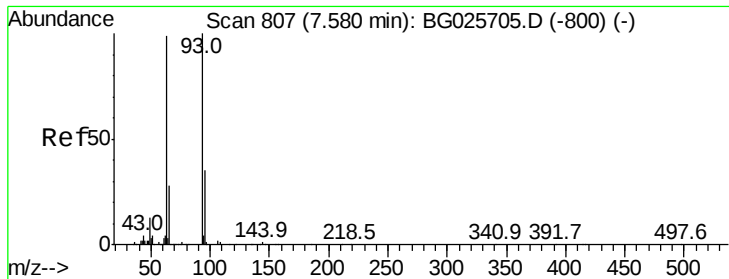
Delta R.T. 0.00 min

Lab File: BG025717.D

Acq: 30 Jan 2017 23:08

Tgt Ion:	94	Resp:	324267
Ion Ratio	Lower	Upper	
94	100		
65	40.6	20.6	60.6
66	48.9	35.5	75.5





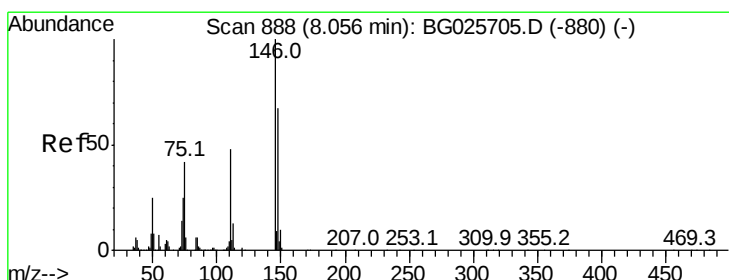
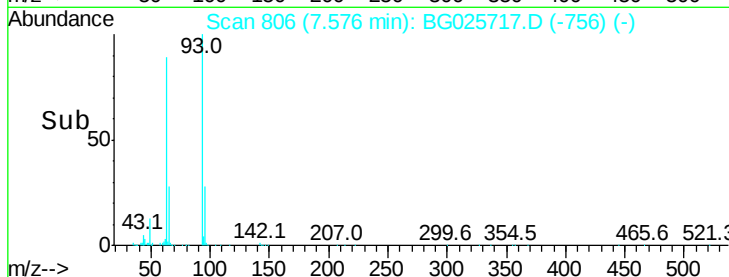
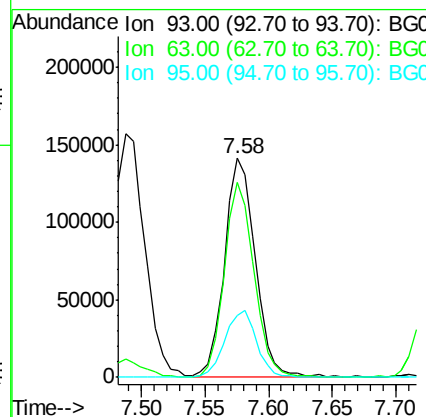
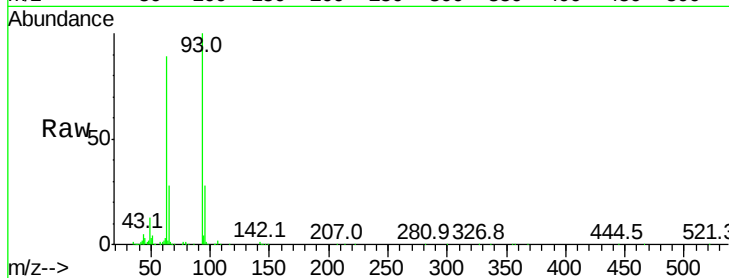
#11
bis(2-Chloroethyl)ether
Concen: 53.04 ng
RT: 7.58 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG025717.D
Acq: 30 Jan 2017 23:08

Instrument :
BNA_G
ClientSampleId :
8270SPK

Tot Ion	Ratio	Lower	Upper
93	100		
63	88.9	78.5	118.5
95	28.4	9.8	49.8

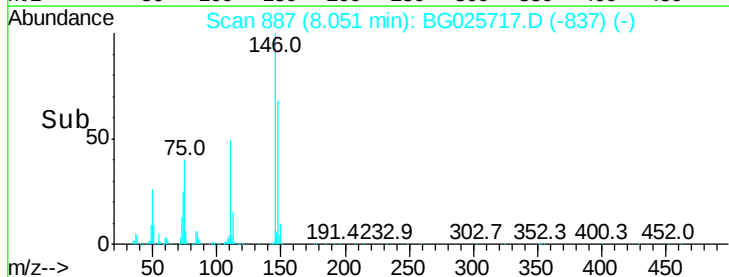
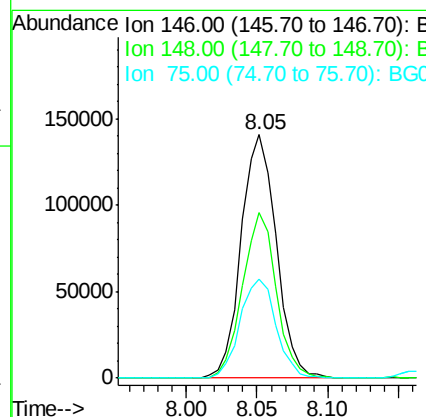
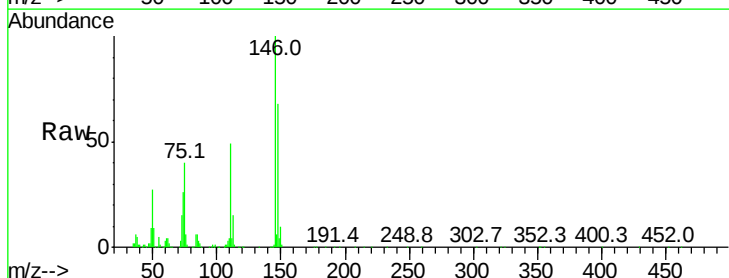
Manual Integrations
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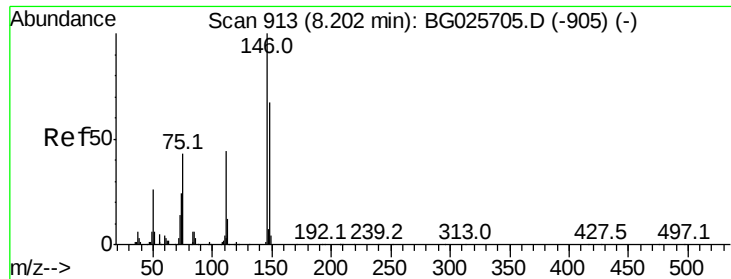
mohammad
1/31/2017 3:41:23 PM



#12
1,3-Dichlorobenzene
Concen: 51.57 ng
RT: 8.05 min Scan# 887
Delta R.T. -0.00 min
Lab File: BG025717.D
Acq: 30 Jan 2017 23:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.8	49.2	73.8
75	40.4	33.4	50.2





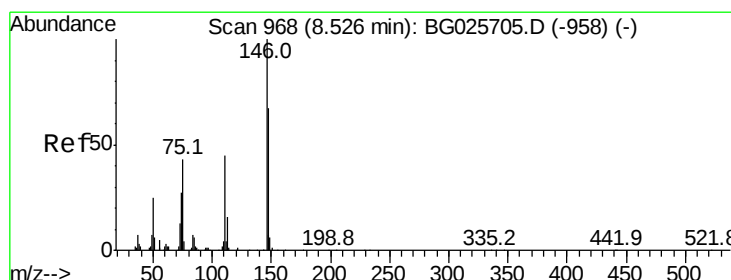
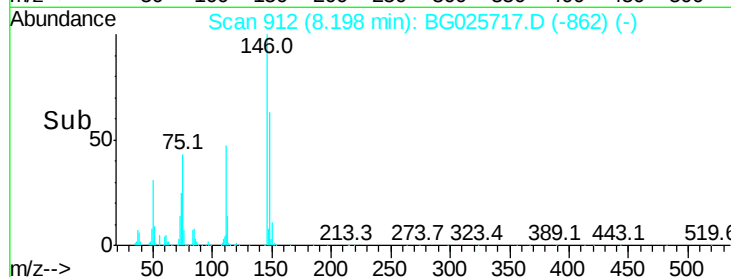
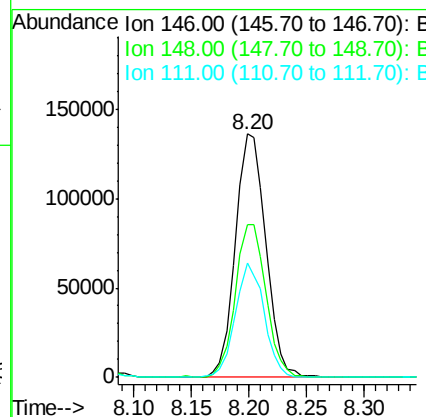
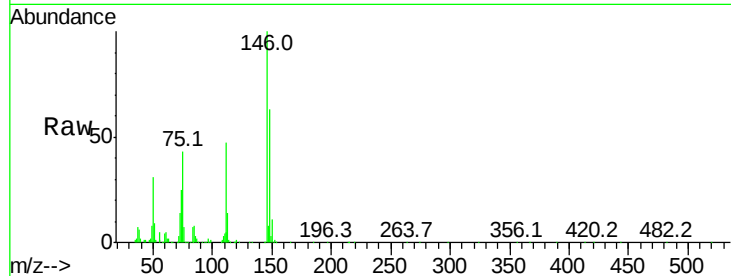
#13
1,4-Dichlorobenzene
Concen: 51.41 ng
RT: 8.20 min Scan# 912
Delta R.T. -0.00 min
Lab File: BG025717.D
Acq: 30 Jan 2017 23:08

Instrument :
BNA_G
ClientSampleId :
8270SPK

Tot Ion	Ratio	Resp	Lower	Upper
146	100	248871		
148	62.8	52.2	78.2	
111	47.0	37.0	55.6	

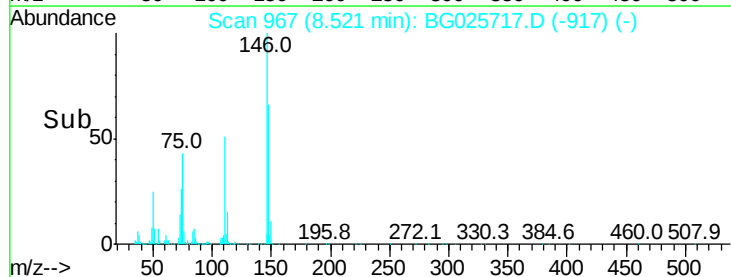
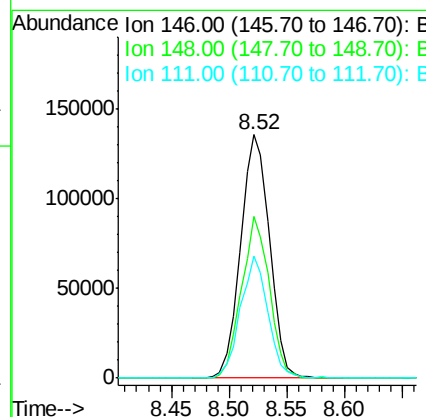
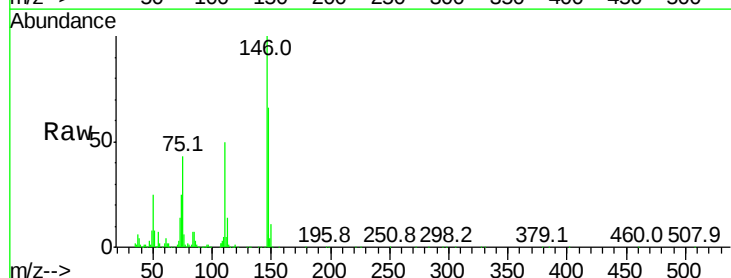
Manual Integrations
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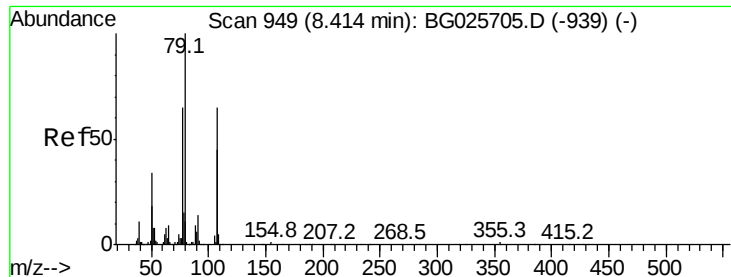
mohammad
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#14
1,2-Dichlorobenzene
Concen: 50.79 ng
RT: 8.52 min Scan# 967
Delta R.T. -0.00 min
Lab File: BG025717.D
Acq: 30 Jan 2017 23:08

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	235602		
148	66.4	54.6	81.8	
111	50.3	39.7	59.5	





#15

Benzyl Alcohol

Concen: 60.37 ng

RT: 8.42 min Scan# 949

Delta R.T. 0.00 min

Lab File: BG025717.D

Acq: 30 Jan 2017 23:08

Instrument :

BNA_G

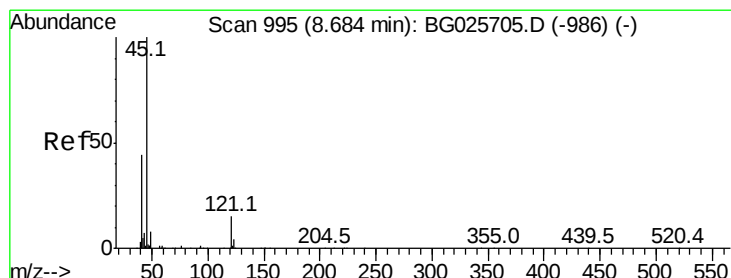
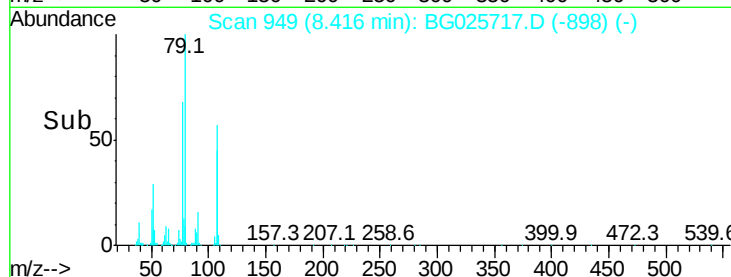
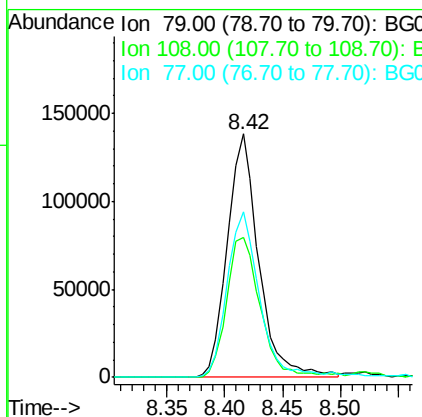
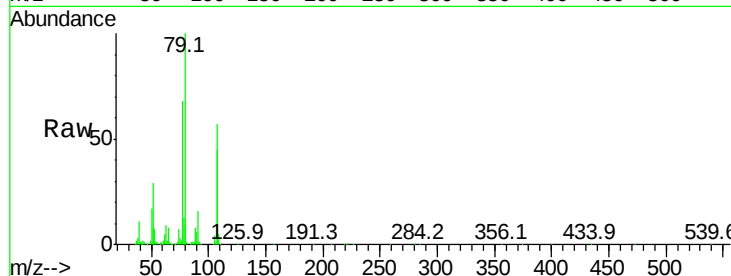
ClientSampleId :

8270SPK

Tot Ion:	79	Resp:	261542
Ion Ratio	Lower	Upper	
79	100		
108	57.3	45.5	68.3
77	67.9	54.3	81.5

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 48.10 ng

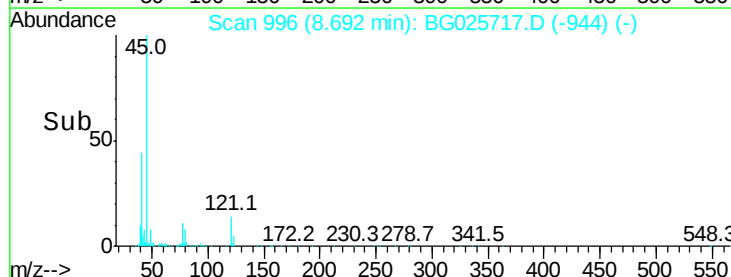
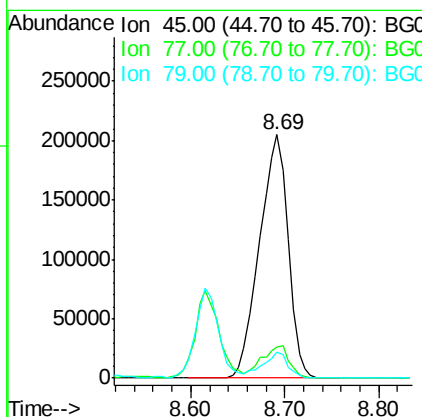
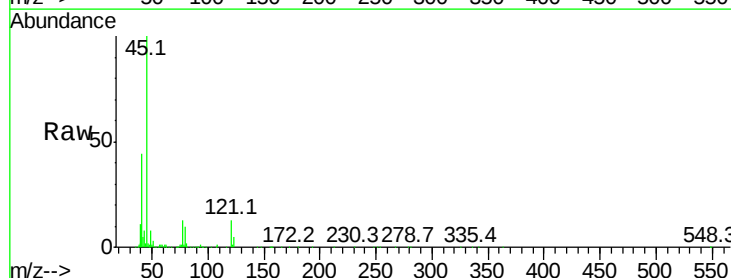
RT: 8.69 min Scan# 996

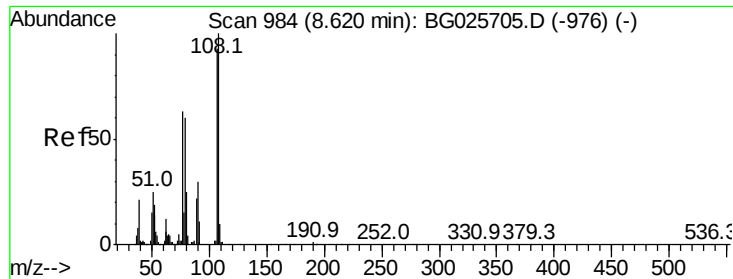
Delta R.T. 0.01 min

Lab File: BG025717.D

Acq: 30 Jan 2017 23:08

Tgt Ion:	45	Resp:	432409
Ion Ratio	Lower	Upper	
45	100		
77	13.0	0.0	30.6
79	10.5	0.0	28.5





#17

2-Methylphenol

Concen: 53.18 ng

RT: 8.62 min Scan# 983

Delta R.T. -0.00 min

Lab File: BG025717.D

Acq: 30 Jan 2017 23:08

Instrument :

BNA_G

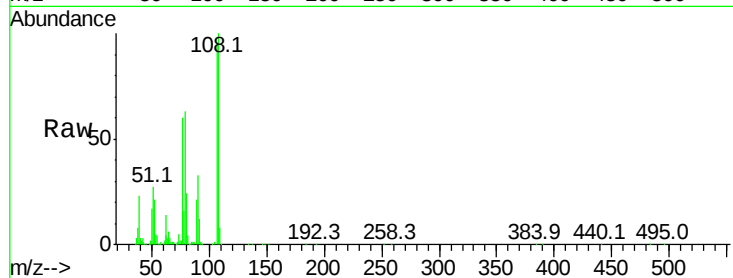
ClientSampleId :

8270SPK

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	104.3	85.6	128.4	
77	62.9	51.4	77.2	
79	65.6	49.2	73.8	

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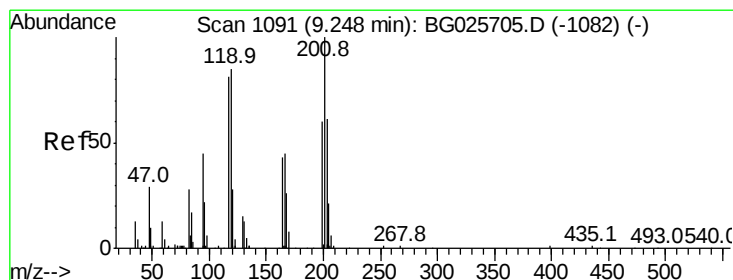
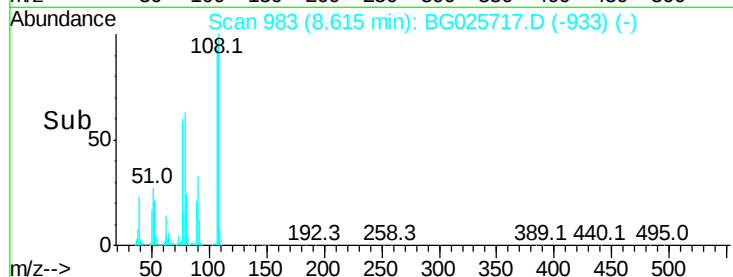
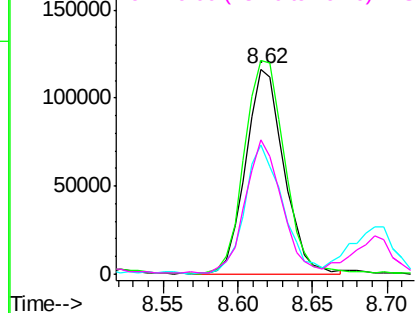


Abundance Ion 107.00 (106.70 to 107.70): E

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: 49.78 ng

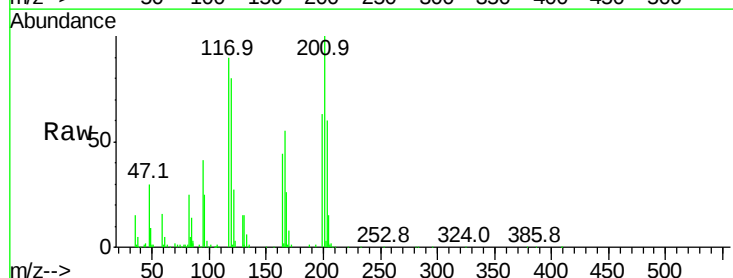
RT: 9.24 min Scan# 1090

Delta R.T. -0.00 min

Lab File: BG025717.D

Acq: 30 Jan 2017 23:08

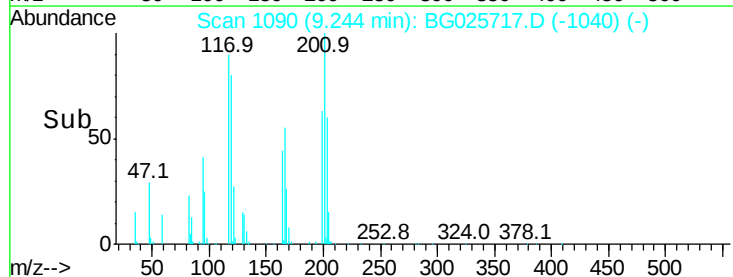
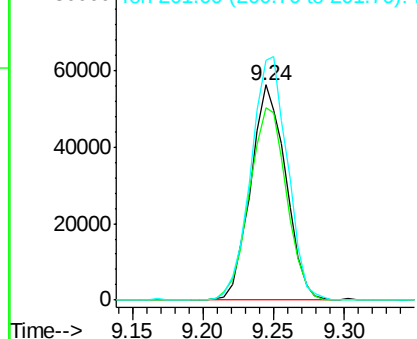
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	89.4	69.8	104.6	
201	111.3	95.4	143.0	

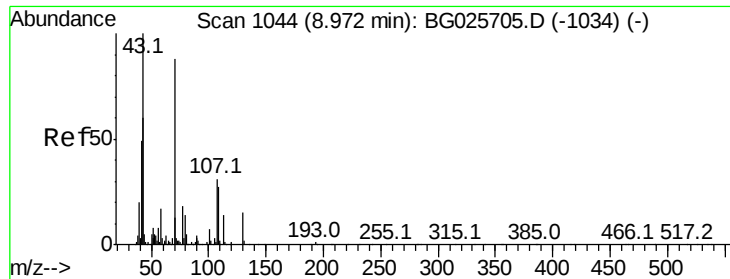


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





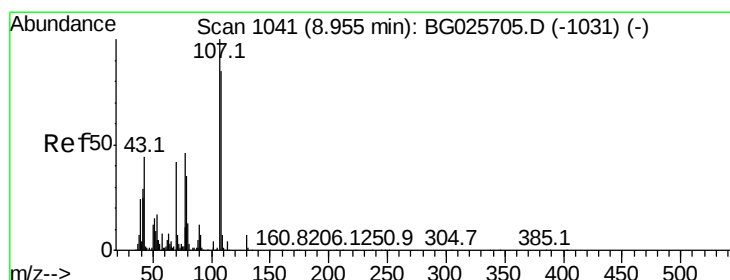
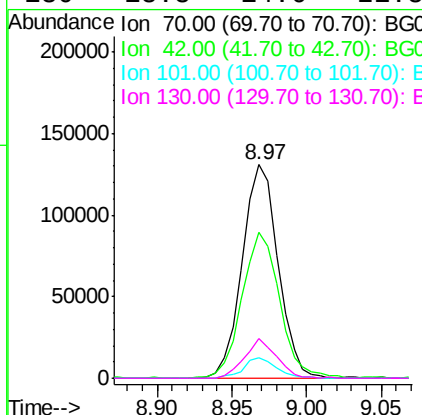
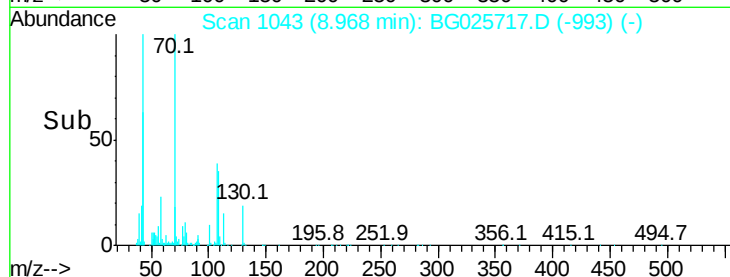
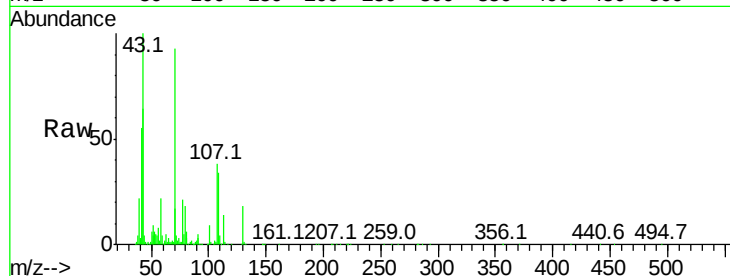
#19
n-Nitroso-di-n-propylamine
Concen: 49.27 ng
RT: 8.97 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BG025717.D
Acq: 30 Jan 2017 23:08

Instrument :
BNA_G
ClientSampleId :
8270SPK

Tot Ion	Ratio	Lower	Upper
70	100		
42	68.3	56.1	84.1
101	9.7	7.5	11.3
130	18.8	14.6	21.8

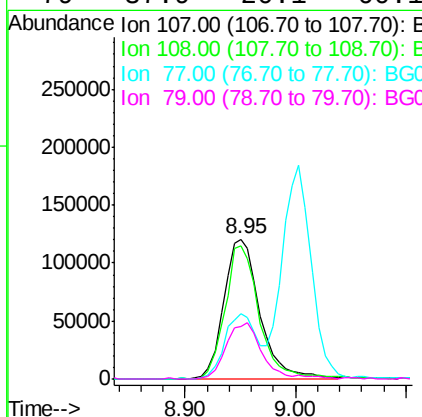
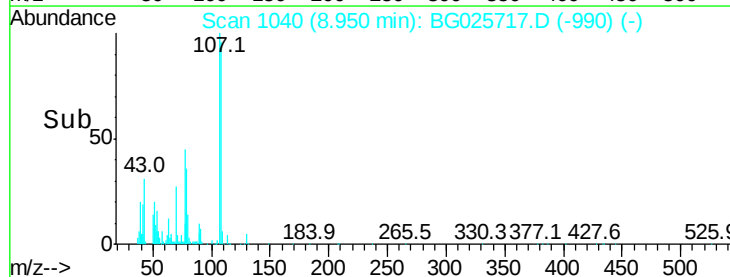
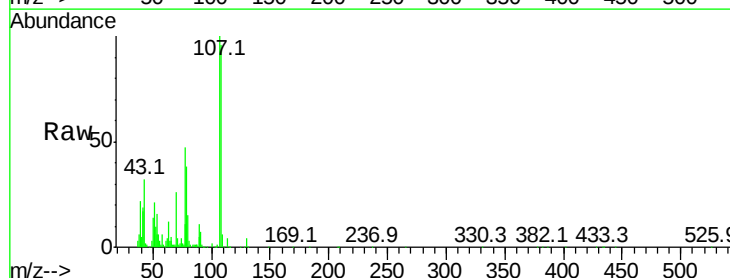
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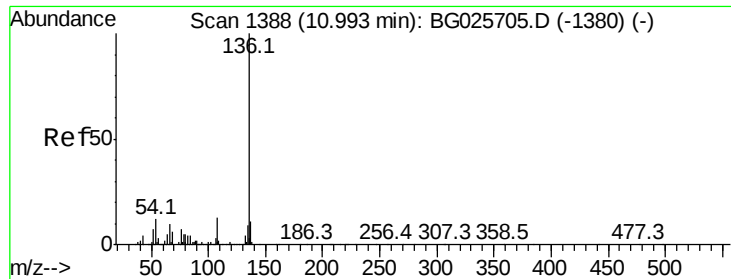
mohammad
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#20
3+4-Methylphenols
Concen: 52.05 ng
RT: 8.95 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BG025717.D
Acq: 30 Jan 2017 23:08

Tgt Ion	Ratio	Lower	Upper
107	100		
108	95.8	70.8	110.8
77	46.9	25.8	65.8
79	37.9	20.1	60.1





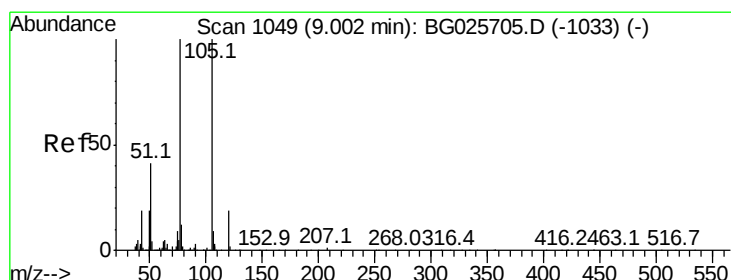
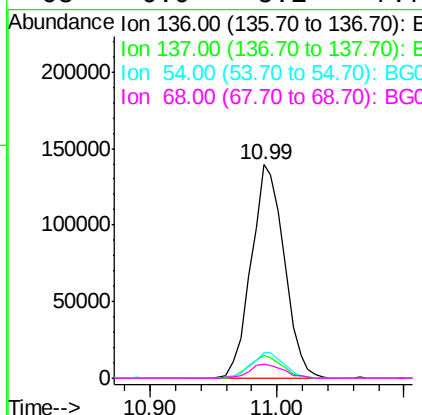
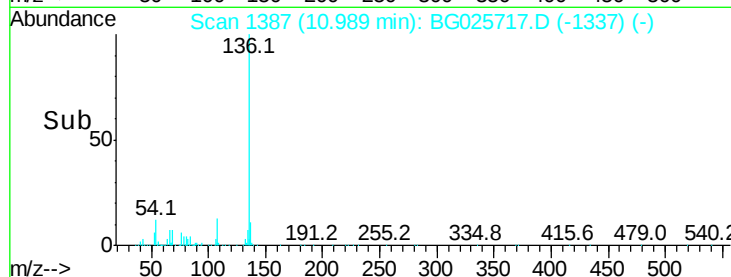
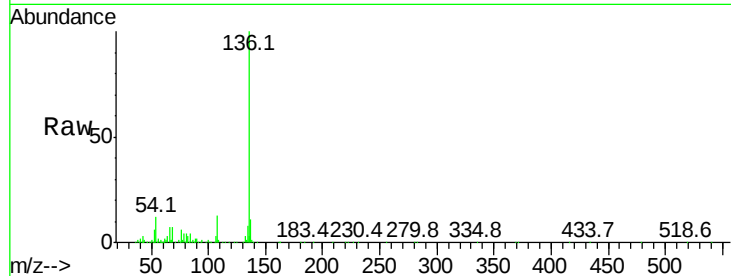
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.99 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BG025717.D
Acq: 30 Jan 2017 23:08

Instrument :
BNA_G
ClientSampleId :
8270SPK

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		252416		
137	10.7		8.9	13.3	
54	12.3		9.3	13.9	
68	6.9		5.1	7.7	

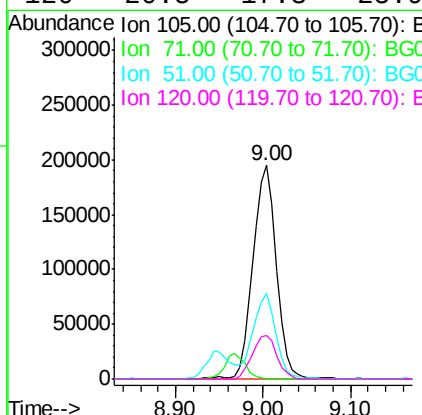
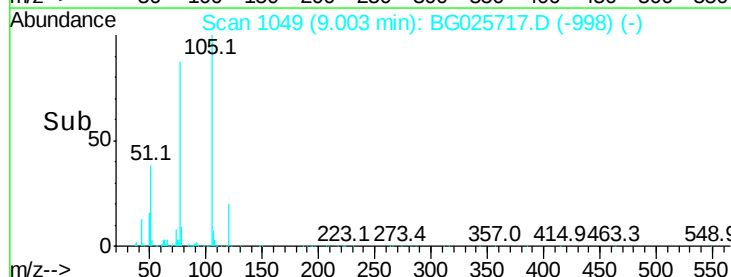
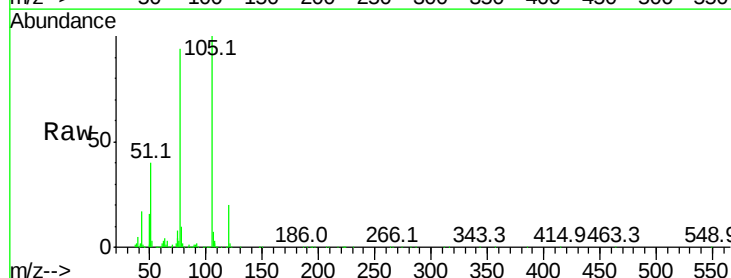
Manual Integrations
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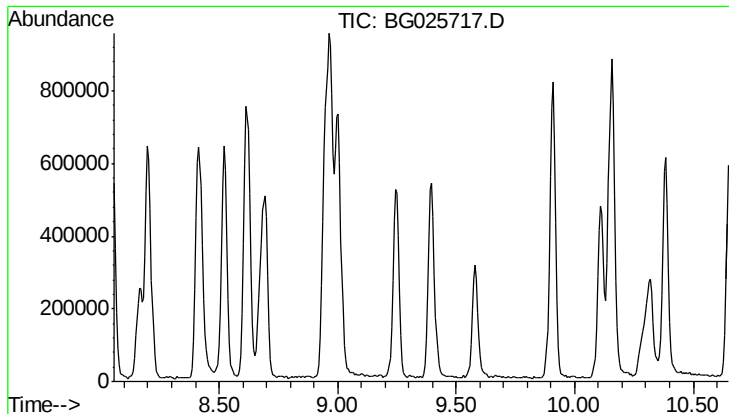
mohammad
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#22
Acetophenone
Concen: 51.16 ng
RT: 9.00 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BG025717.D
Acq: 30 Jan 2017 23:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		353564		
71	0.0		0.9	1.3#	
51	40.2		34.0	51.0	
120	20.5		17.3	25.9	





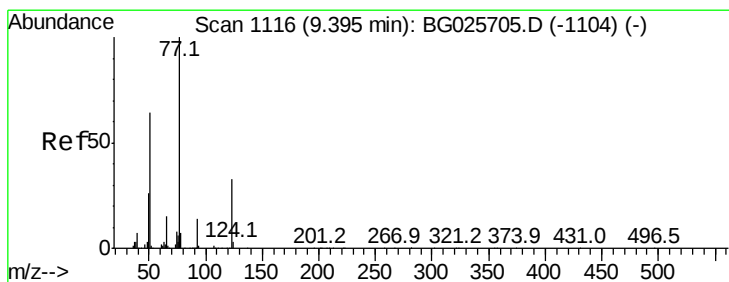
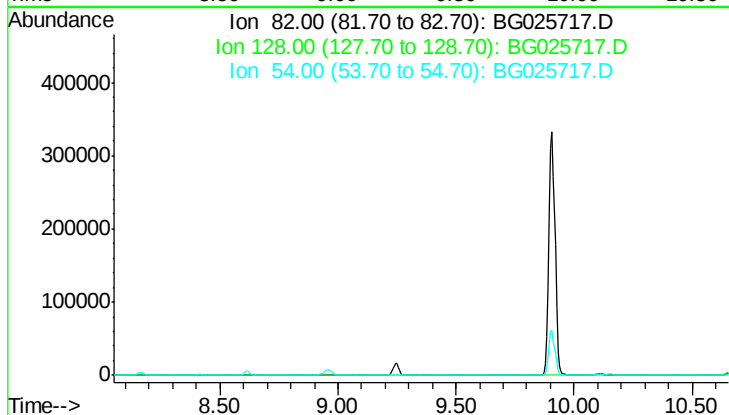
#23
 Nitrobenzene-d5
 Concen: 0.00 ng
 Expected RT: 9.35 min
 Lab File: BG025717.D
 Acq: 30 Jan 2017 23:08

Instrument :
 BNA_G
 ClientSampleId :
 8270SPK

Manual Integrations
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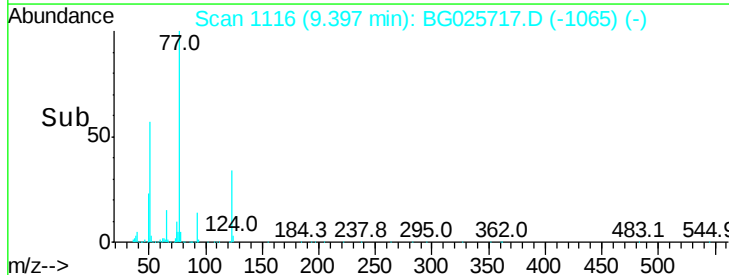
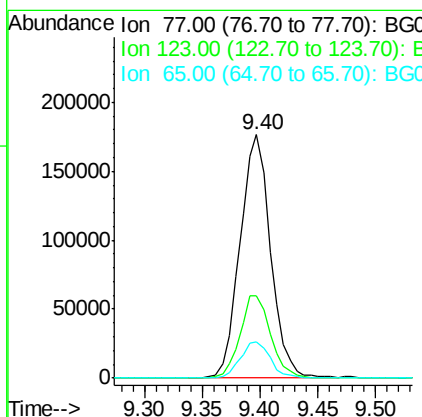
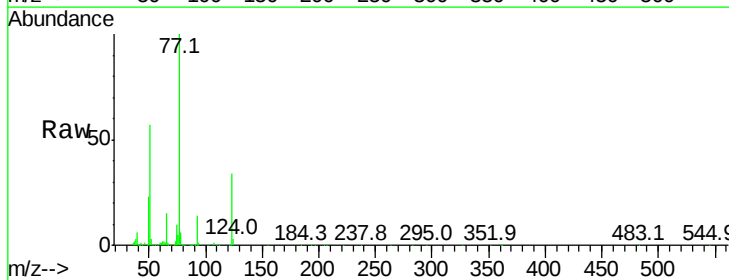
mohammad
 1/31/2017 3:41:23 PM

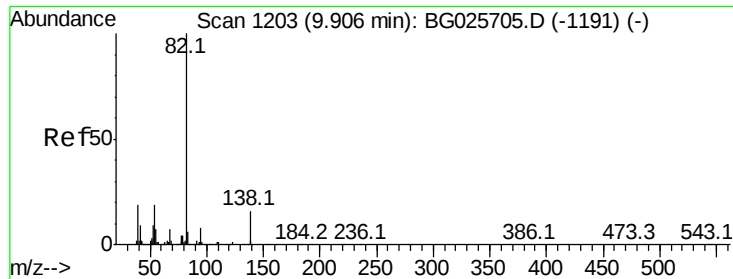
Tot Ion	82
Sig	Exp Ratio
82	100
128	33.0
54	61.8



#24
 Nitrobenzene
 Concen: 49.70 ng
 RT: 9.40 min Scan# 1116
 Delta R.T. 0.00 min
 Lab File: BG025717.D
 Acq: 30 Jan 2017 23:08

Tgt Ion	77	Resp	324198
Ion Ratio	Lower	Upper	
77	100		
123	33.7	26.1	39.1
65	14.9	12.4	18.6





#25

Isophorone

Concen: 50.62 ng

RT: 9.91 min Scan# 1203

Delta R.T. 0.00 min

Lab File: BG025717.D

Acq: 30 Jan 2017 23:08

Instrument :

BNA_G

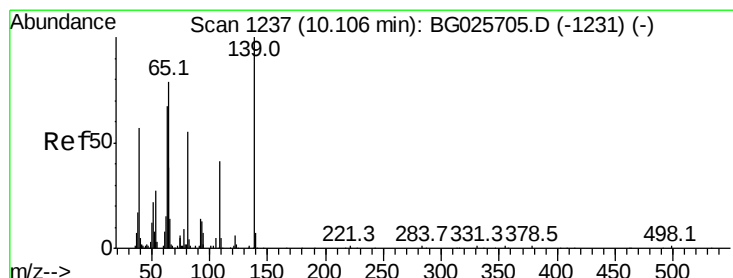
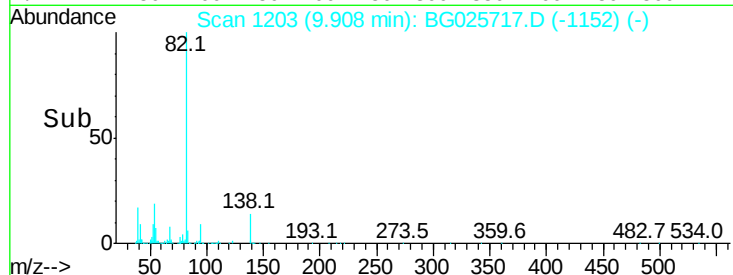
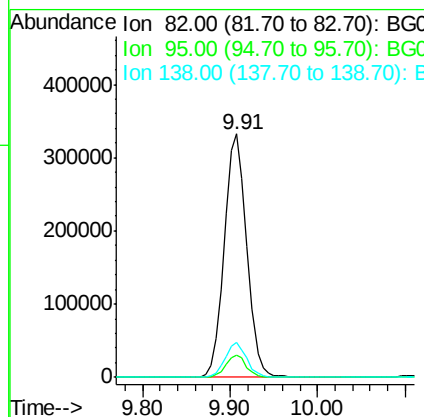
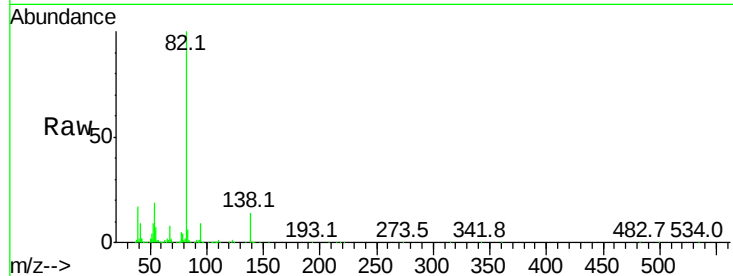
ClientSampleId :

8270SPK

Tot Ion	82	Resp	589241
Ion Ratio	Lower	Upper	
82	100		
95	9.2	7.5	11.3
138	14.2	12.3	18.5

Manual Integrations
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#26

2-Nitrophenol

Concen: 57.07 ng

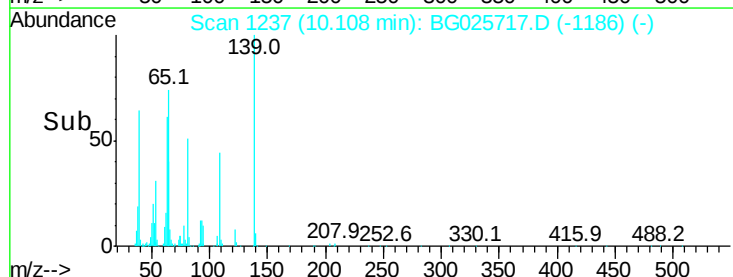
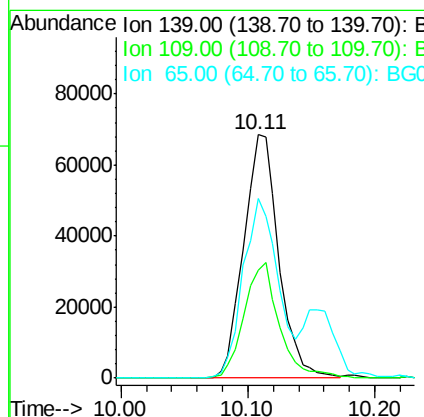
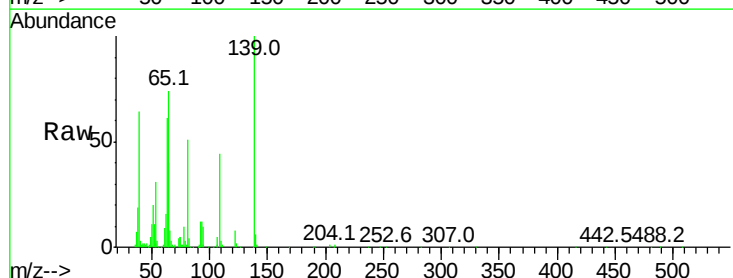
RT: 10.11 min Scan# 1237

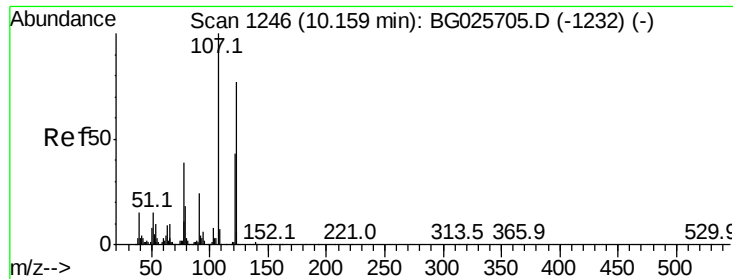
Delta R.T. 0.00 min

Lab File: BG025717.D

Acq: 30 Jan 2017 23:08

Tgt Ion	139	Resp	131891
Ion Ratio	Lower	Upper	
139	100		
109	44.4	38.6	58.0
65	73.9	57.1	85.7





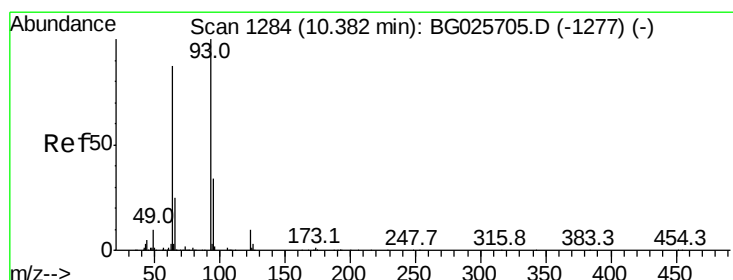
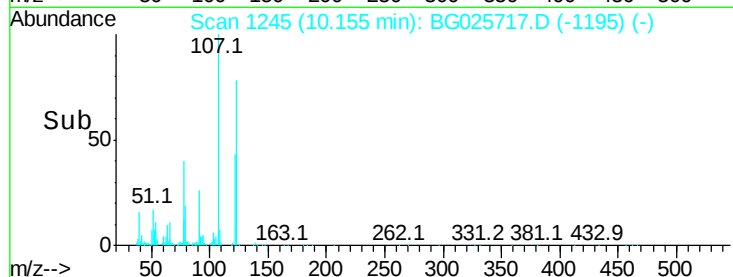
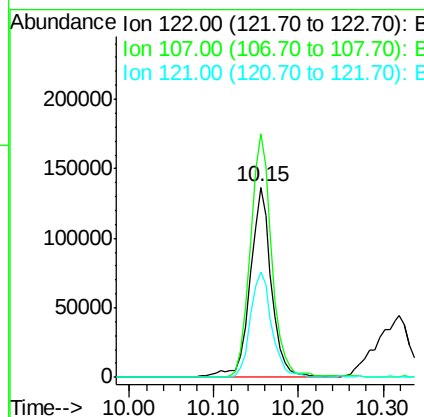
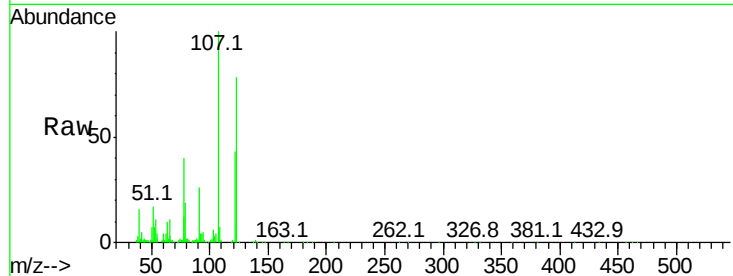
#27
2,4-Dimethylphenol
Concen: 59.86 ng
RT: 10.15 min Scan# 1245
Delta R.T. -0.00 min
Lab File: BG025717.D
Acq: 30 Jan 2017 23:08

Instrument :
BNA_G
ClientSampleId :
8270SPK

Tot Ion	Ratio	Resp	Lower	Upper
122	100	240990		
107	128.0	104.2	156.4	
121	55.1	46.0	69.0	

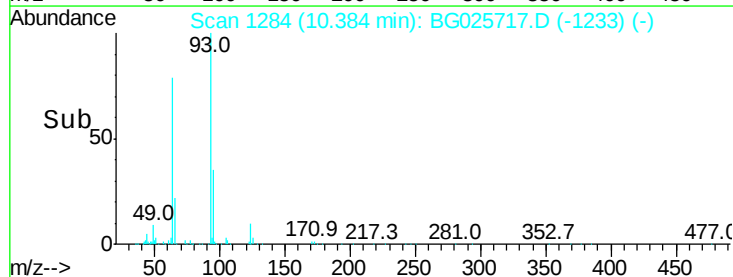
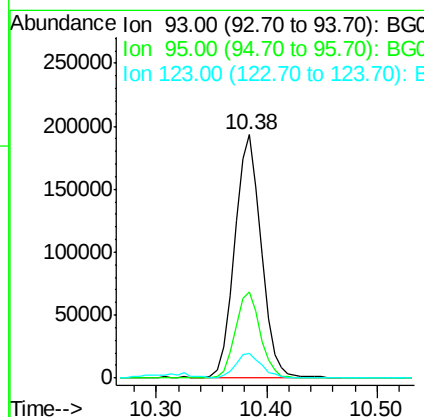
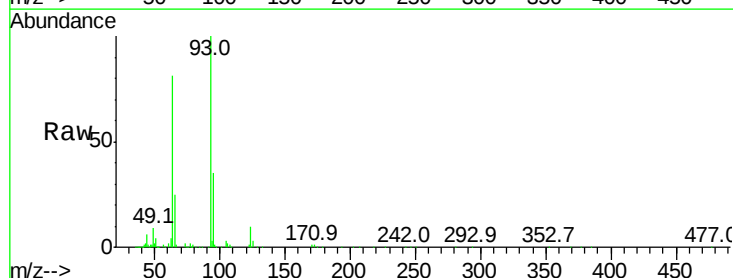
Manual Integrations
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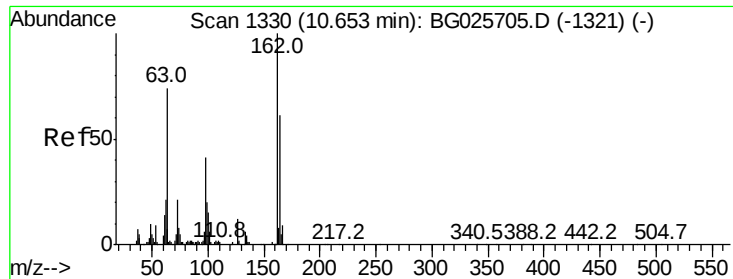
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 52.99 ng
RT: 10.38 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BG025717.D
Acq: 30 Jan 2017 23:08

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	326477		
95	35.2	25.7	38.5	
123	10.3	8.3	12.5	





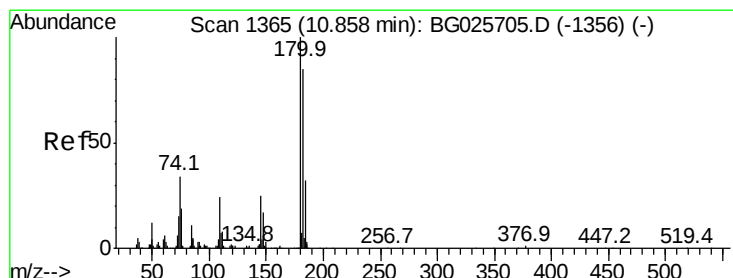
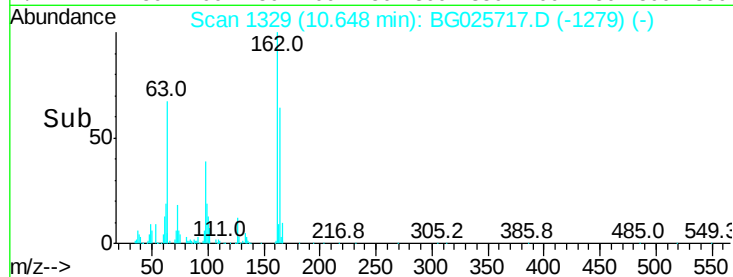
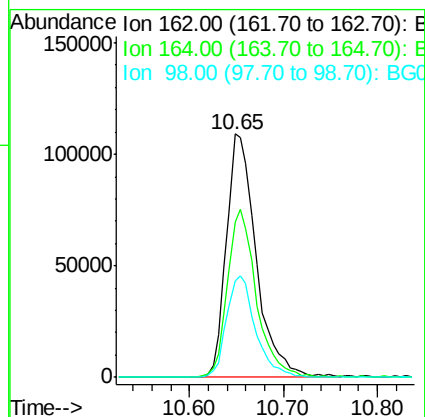
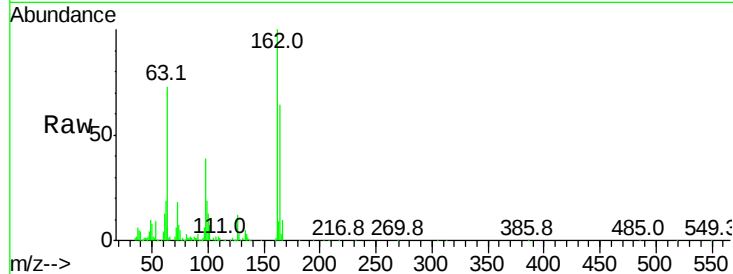
#29
2,4-Dichlorophenol
Concen: 58.35 ng
RT: 10.65 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BG025717.D
Acq: 30 Jan 2017 23:08

Instrument :
BNA_G
ClientSampleId :
8270SPK

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	42.4	82.4
98	39.5	20.3	60.3

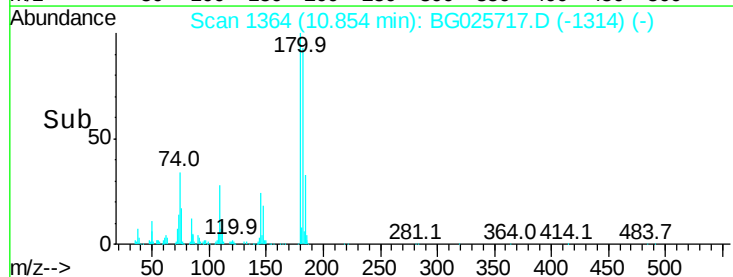
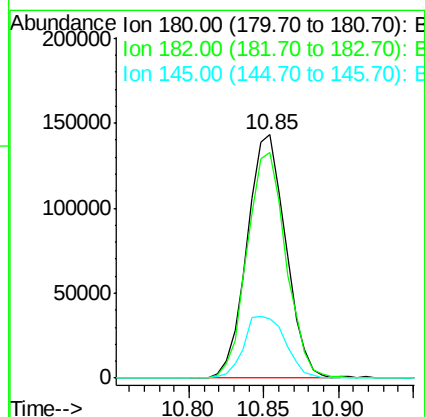
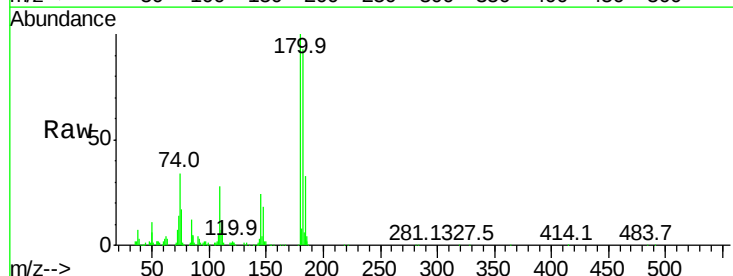
Manual Integrations
APPROVED

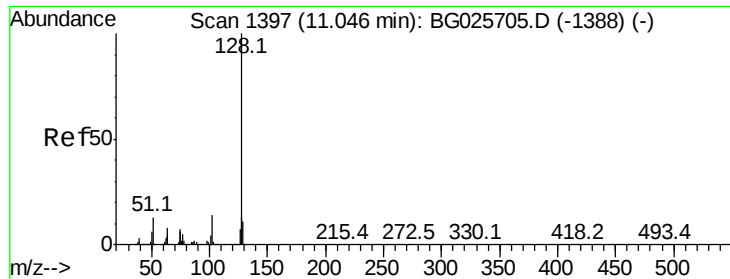
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#30
1,2,4-Trichlorobenzene
Concen: 53.42 ng
RT: 10.85 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BG025717.D
Acq: 30 Jan 2017 23:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.6	77.0	115.4
145	24.4	23.4	35.0





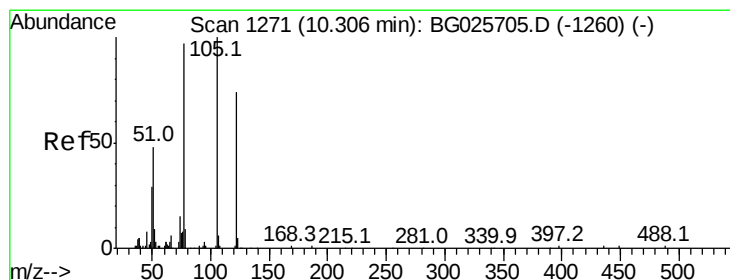
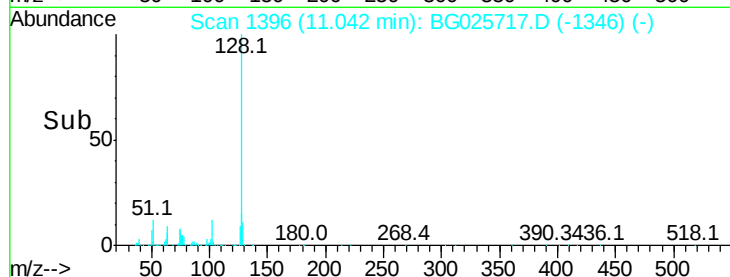
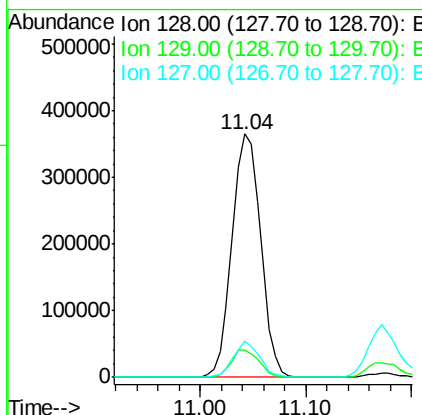
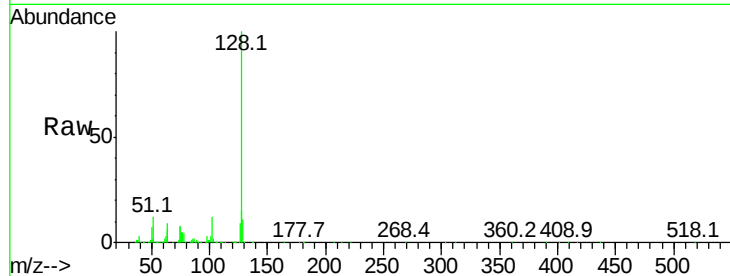
#31
Naphthalene
Concen: 52.04 ng
RT: 11.04 min Scan# 1396
Delta R.T. -0.00 min
Lab File: BG025717.D
Acq: 30 Jan 2017 23:08

Instrument :
BNA_G
ClientSampleId :
8270SPK

Tot Ion	Ratio	Resp Lower	Upper
128	100		
129	11.3	9.3	13.9
127	14.8	11.4	17.0

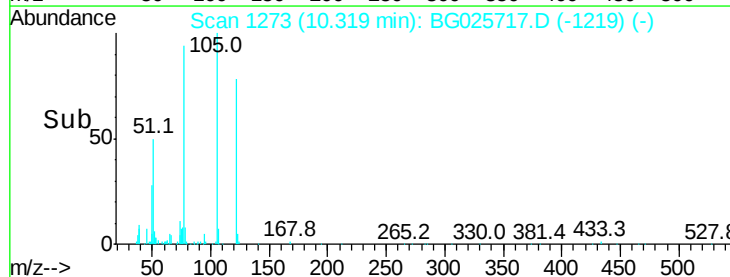
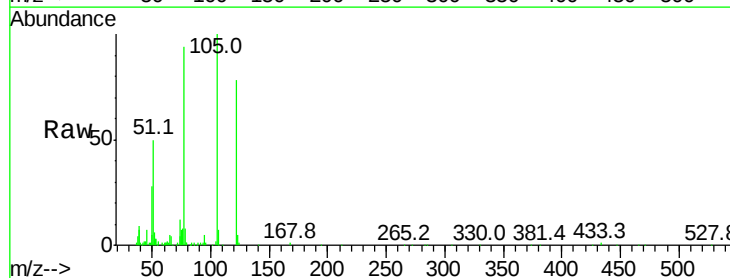
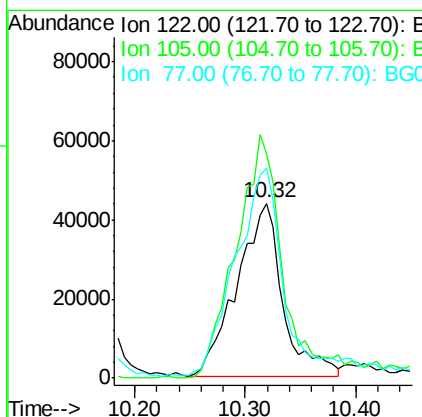
Manual Integrations
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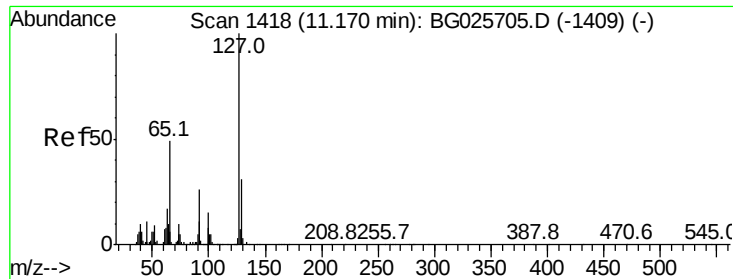
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#32
Benzoic acid
Concen: 49.13 ng
RT: 10.32 min Scan# 1273
Delta R.T. 0.01 min
Lab File: BG025717.D
Acq: 30 Jan 2017 23:08

Tgt Ion	Ratio	Resp Lower	Upper
122	100		
105	128.4	120.1	160.1
77	120.3	104.6	144.6





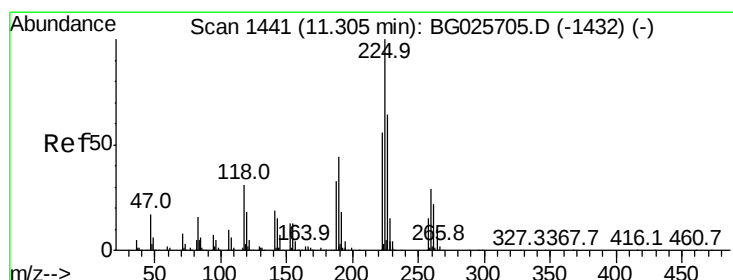
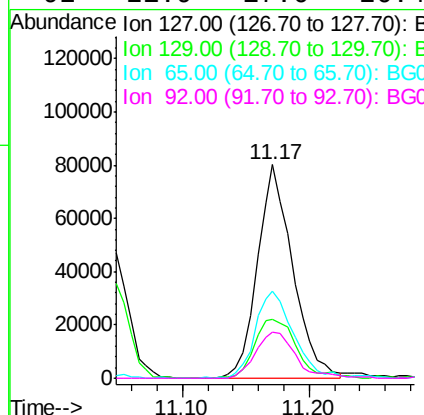
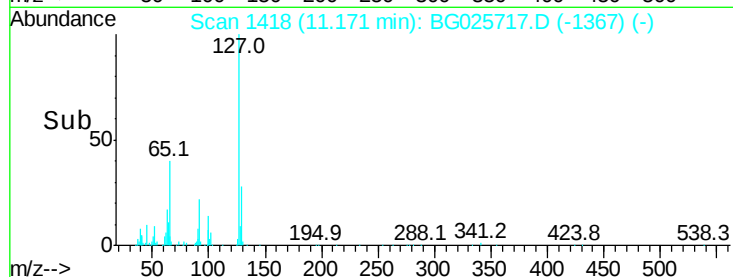
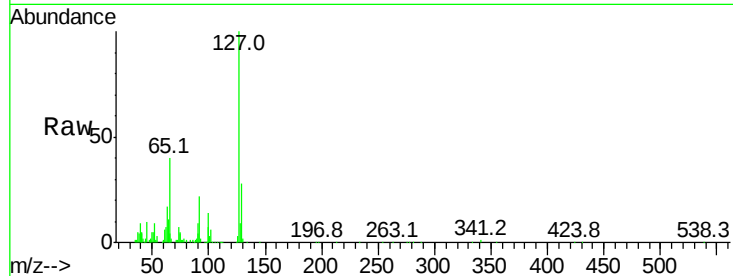
#33
4-Chloroaniline
Concen: 28.57 ng
RT: 11.17 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BG025717.D
Acq: 30 Jan 2017 23:08

Instrument :
BNA_G
ClientSampled :
8270SPK

Tot Ion	Ratio	Lower	Upper
127	100		
129	27.6	23.6	35.4
65	40.5	37.7	56.5
92	21.9	17.6	26.4

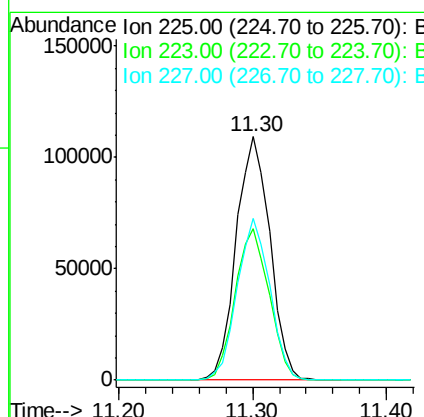
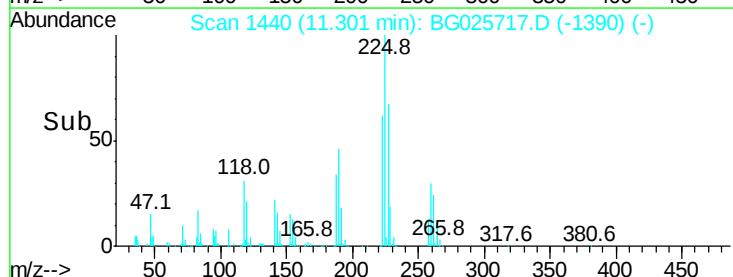
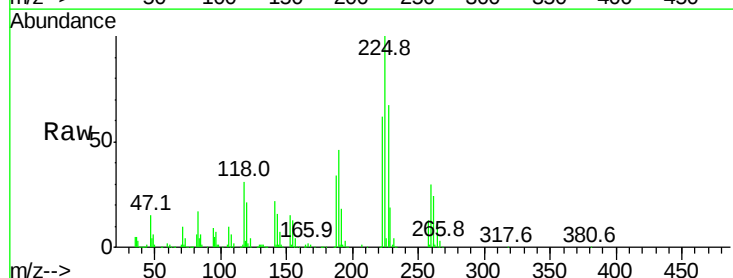
Manual Integrations
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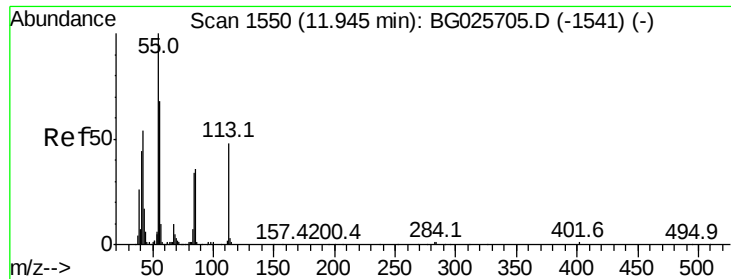
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#34
Hexachlorobutadiene
Concen: 48.94 ng
RT: 11.30 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BG025717.D
Acq: 30 Jan 2017 23:08

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.7	76.1
227	66.5	49.0	73.6





#35

Caprolactam

Concen: 50.95 ng/ml

RT: 11.95 min Scan# 1550

Delta R.T. 0.00 min

Lab File: BG025717.D

Acq: 30 Jan 2017 23:08

Instrument :

BNA_G

ClientSampleId :

8270SPK

Tot Ion:113 Resp: 89695

Ion Ratio Lower Upper

113 100

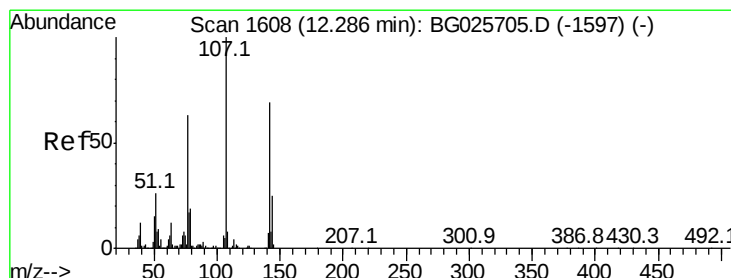
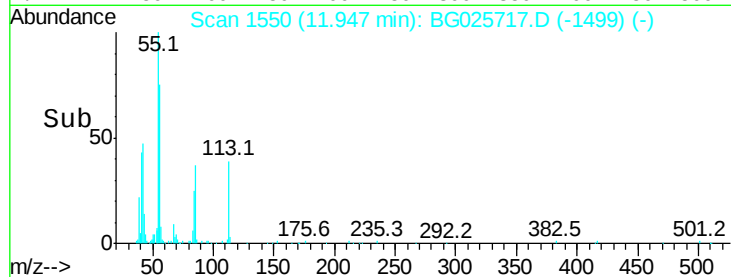
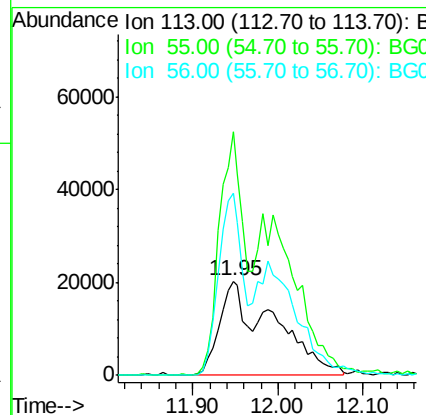
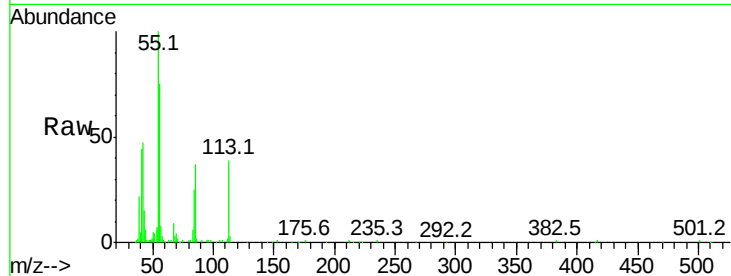
55 258.7 198.6 238.6#

56 194.0 140.4 180.4#

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#36

4-Chloro-3-methylphenol

Concen: 56.40 ng/ml

RT: 12.28 min Scan# 1607

Delta R.T. -0.00 min

Lab File: BG025717.D

Acq: 30 Jan 2017 23:08

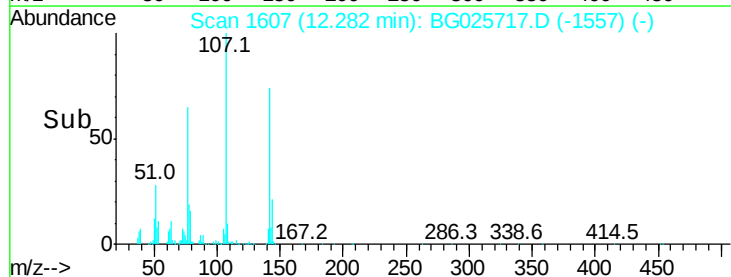
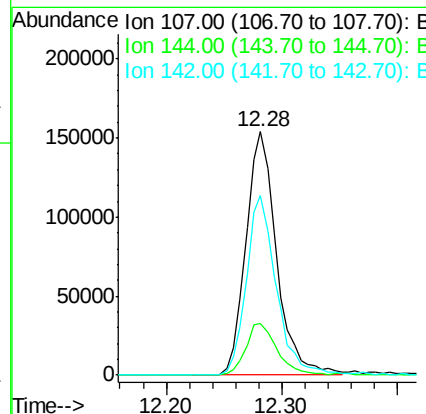
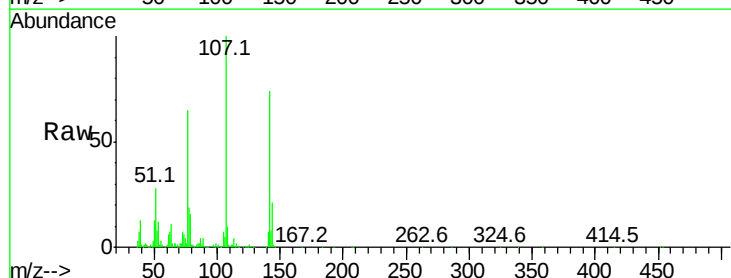
Tgt Ion:107 Resp: 283846

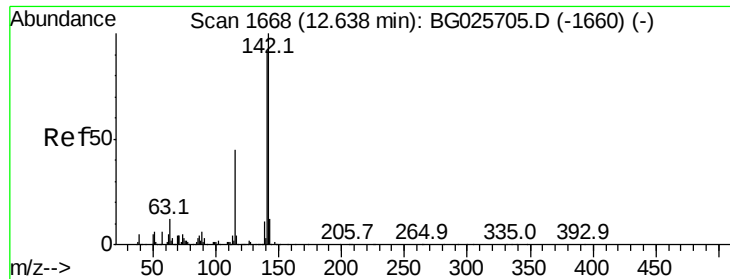
Ion Ratio Lower Upper

107 100

144 21.2 17.4 26.0

142 73.6 54.1 81.1





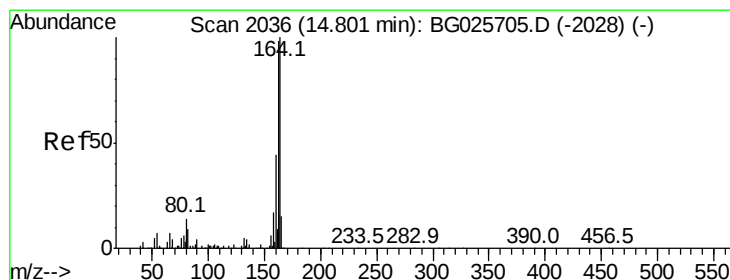
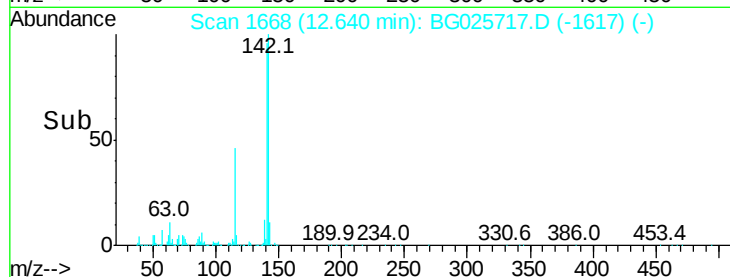
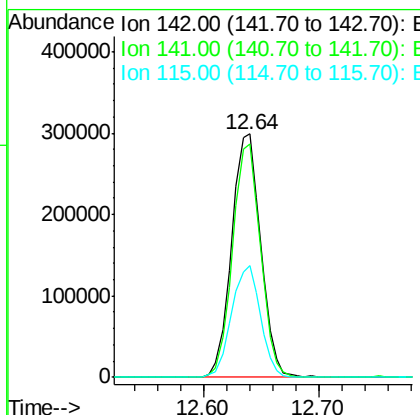
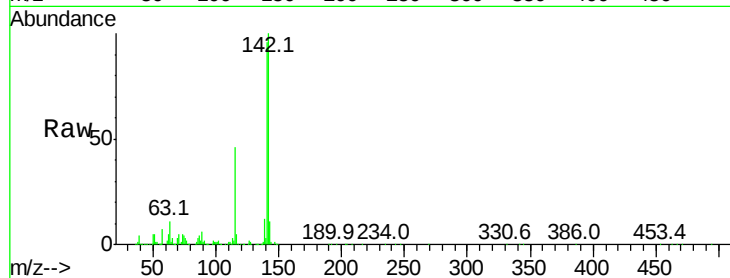
#37
2-Methylnaphthalene
Concen: 51.51 ng
RT: 12.64 min Scan# 1668
Delta R.T. 0.00 min
Lab File: BG025717.D
Acq: 30 Jan 2017 23:08

Instrument :
BNA_G
ClientSampleId :
8270SPK

Tot Ion	Ratio	Lower	Upper
142	100		
141	95.7	70.4	105.6
115	45.8	35.5	53.3

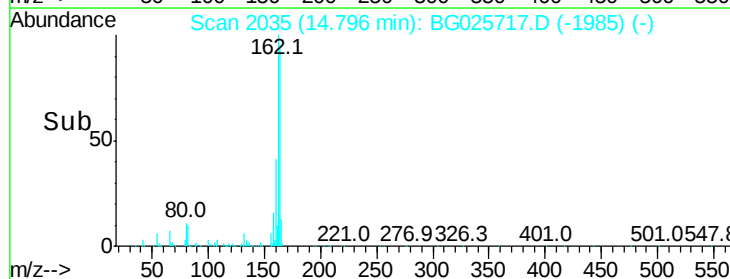
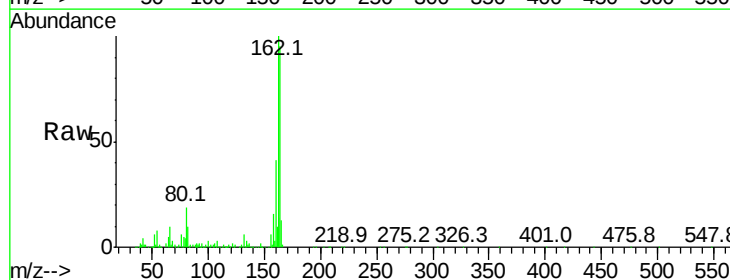
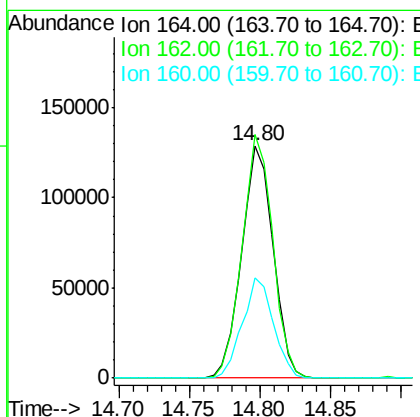
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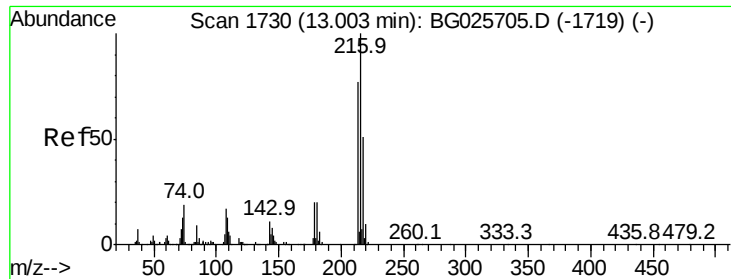
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BG025717.D
Acq: 30 Jan 2017 23:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.9	85.1	127.7
160	43.1	34.7	52.1





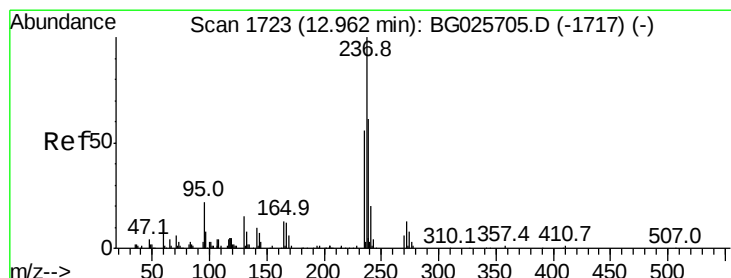
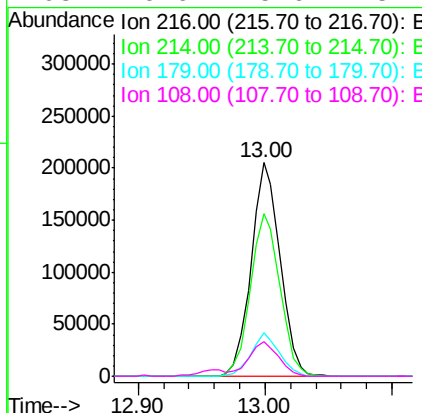
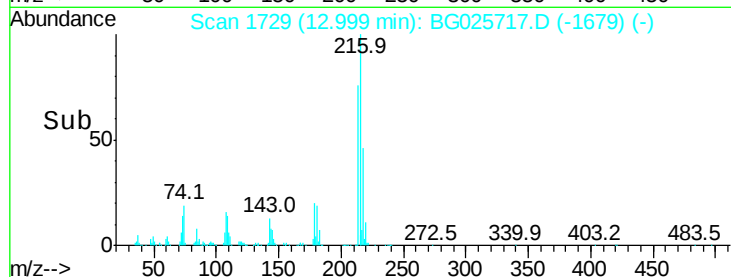
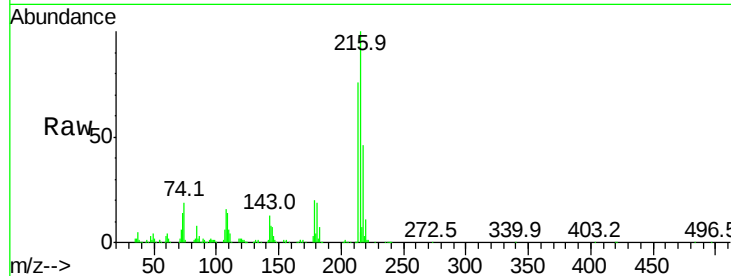
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.52 ng
 RT: 13.00 min Scan# 1729
 Delta R.T. -0.00 min
 Lab File: BG025717.D
 Acq: 30 Jan 2017 23:08

Instrument :
 BNA_G
 ClientSampleId :
 8270SPK

Tot Ion	Ratio	Resp	Lower	Upper
216	100	326492		
214	77.6		64.4	96.6
179	20.0		17.4	26.0
108	16.6		15.6	23.4

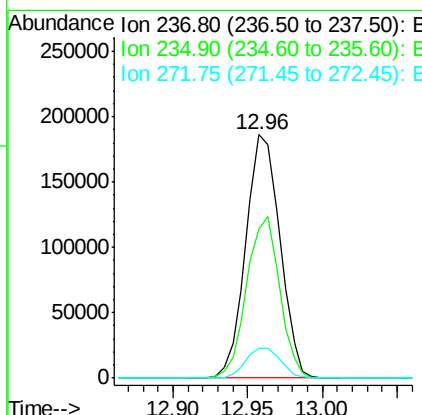
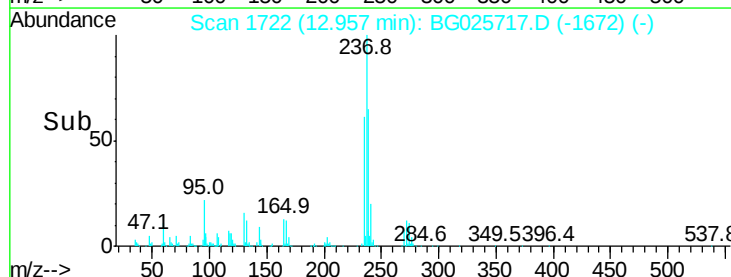
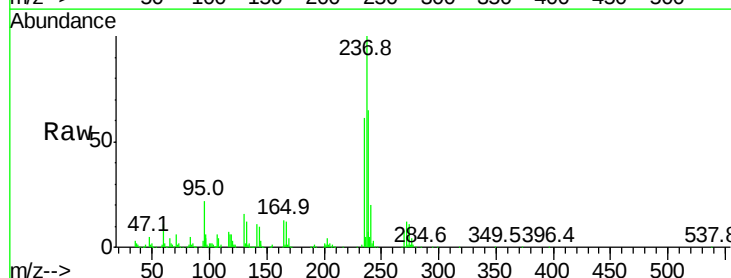
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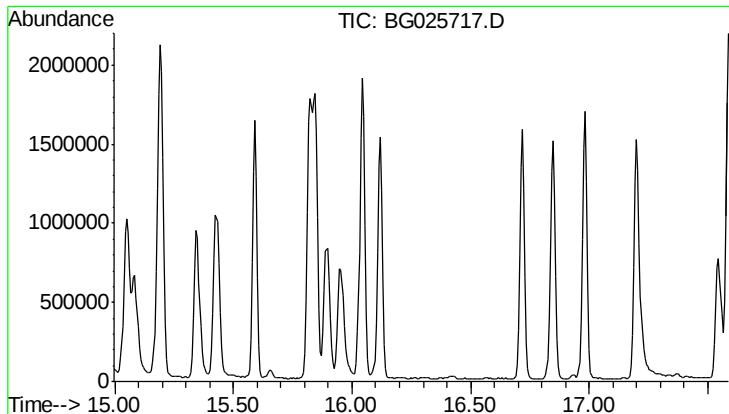
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#40
 Hexachlorocyclopentadiene
 Concen: 108.82 ng
 RT: 12.96 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: BG025717.D
 Acq: 30 Jan 2017 23:08

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	294416		
235	61.3		39.4	79.4
272	12.2		0.0	32.0





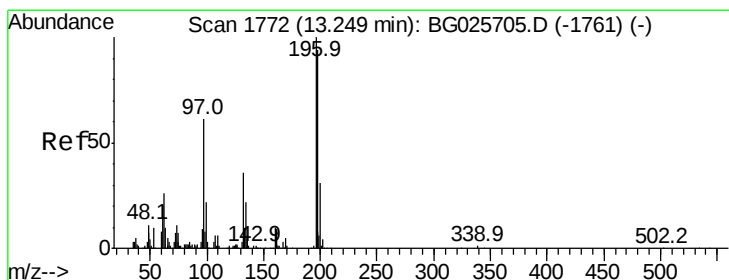
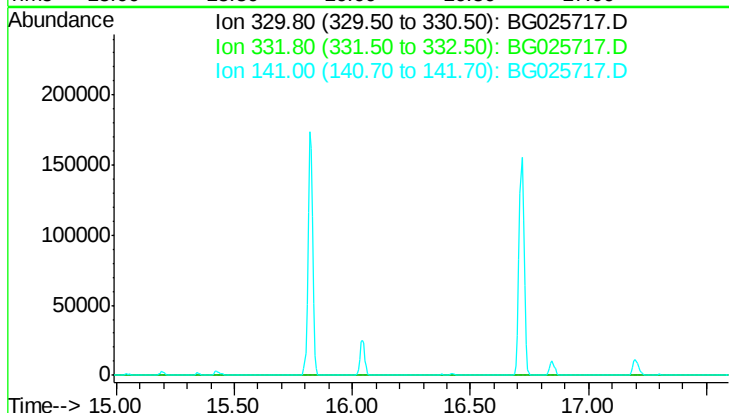
#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 16.29 min
 Lab File: BG025717.D
 Acq: 30 Jan 2017 23:08

Instrument :
 BNA_G
 ClientSampleId :
 8270SPK

Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 96.6
 141 40.1

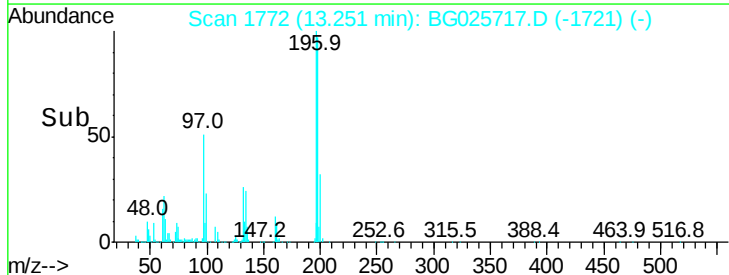
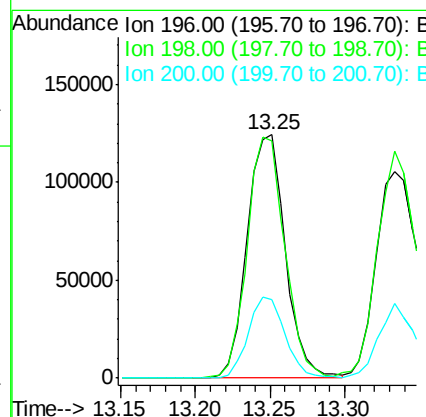
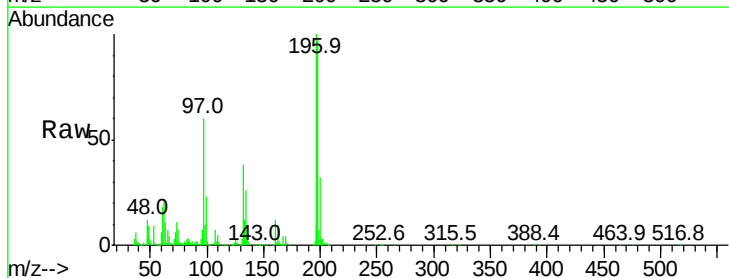
Manual Integrations
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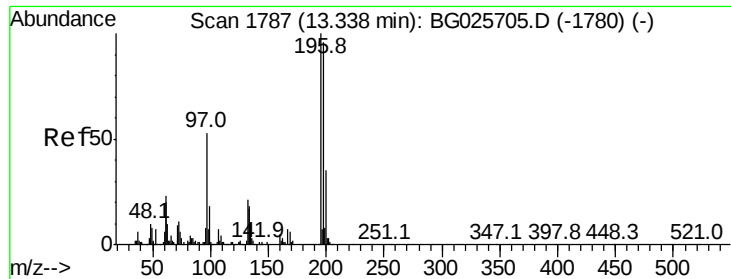
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#42
 2,4,6-Trichlorophenol
 Concen: 55.55 ng
 RT: 13.25 min Scan# 1772
 Delta R.T. 0.00 min
 Lab File: BG025717.D
 Acq: 30 Jan 2017 23:08

Tgt Ion:196 Resp: 218832
 Ion Ratio Lower Upper
 196 100
 198 97.4 81.4 122.2
 200 32.1 27.0 40.6





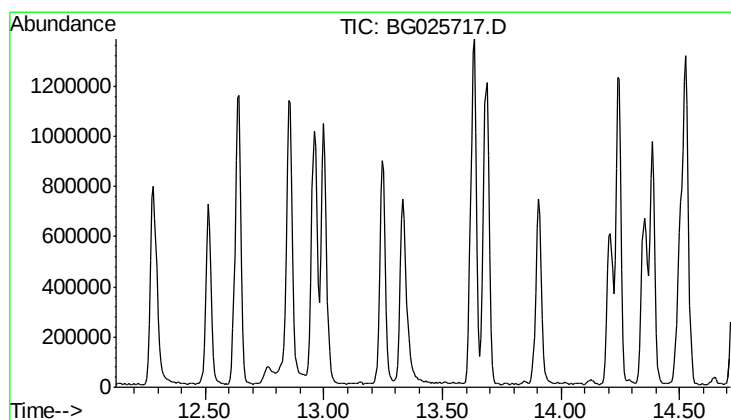
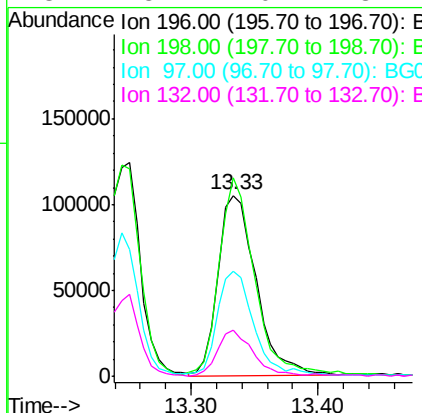
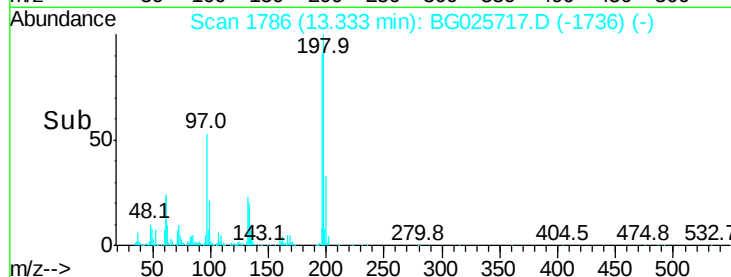
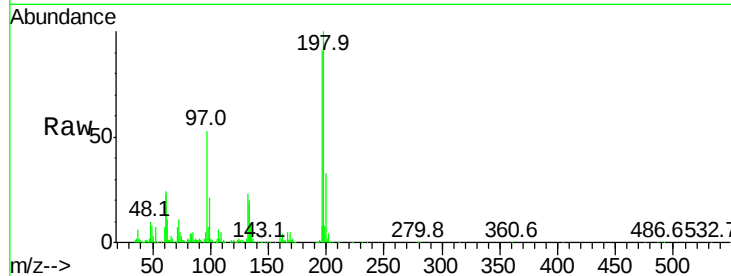
#43
 2,4,5-Trichlorophenol
 Concen: 51.76 ng
 RT: 13.33 min Scan# 1786
 Delta R.T. -0.00 min
 Lab File: BG025717.D
 Acq: 30 Jan 2017 23:08

Instrument :
 BNA_G
 ClientSampleId :
 8270SPK

Tot Ion	Ratio	Resp	Lower	Upper
196	100	220108		
198	110.0		79.9	119.9
97	57.9		45.4	68.0
132	25.7		20.7	31.1

Manual Integrations
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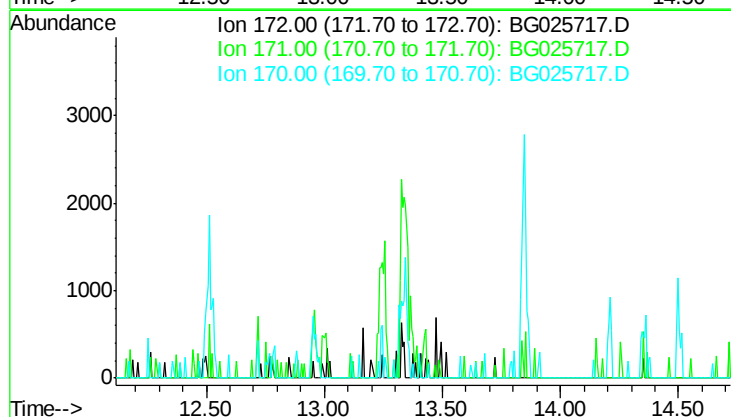
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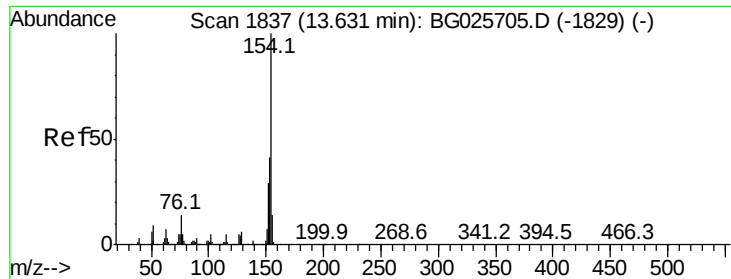


#44
 2-Fluorobiphenyl
 Concen: 0.00 ng
 Expected RT: 13.42 min

Lab File: BG025717.D
 Acq: 30 Jan 2017 23:08

Tgt Ion	Exp Ratio
172	100
171	40.2
170	27.2





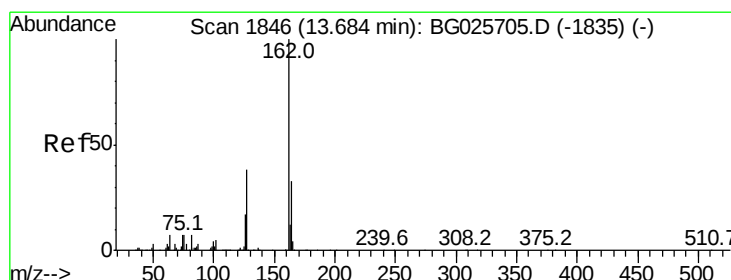
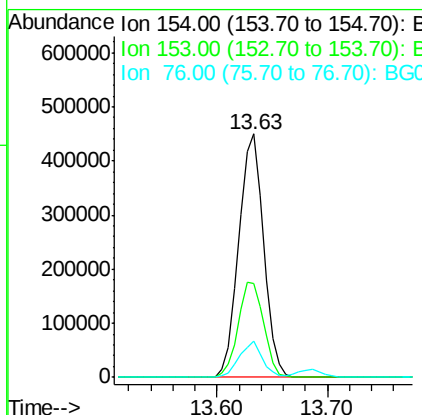
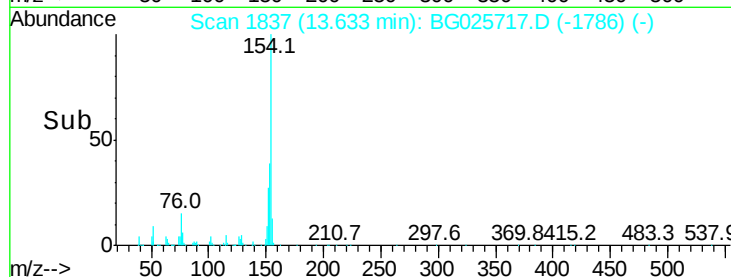
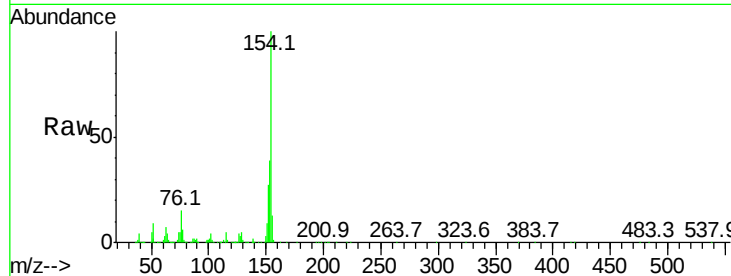
#45
1,1'-Biphenyl
Concen: 51.19 ng
RT: 13.63 min Scan# 1837
Delta R.T. 0.00 min
Lab File: BG025717.D
Acq: 30 Jan 2017 23:08

Instrument :
BNA_G
ClientSampleId :
8270SPK

Tot Ion	Ratio	Lower	Upper
154	100		
153	38.5	23.0	63.0
76	14.8	0.0	33.5

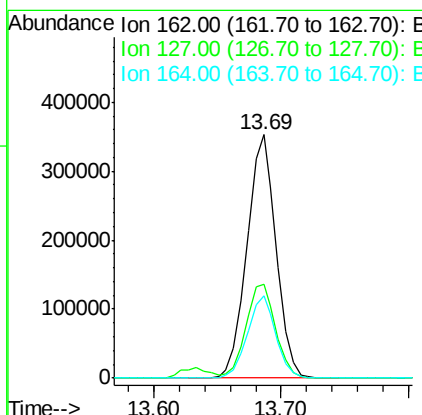
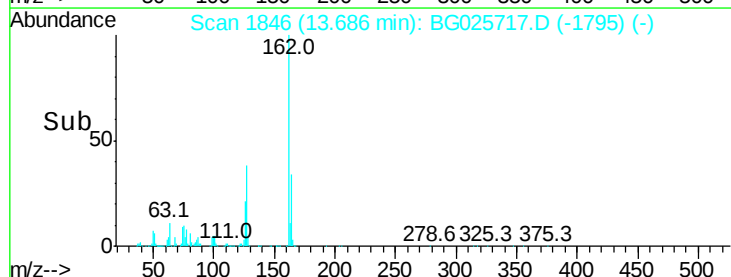
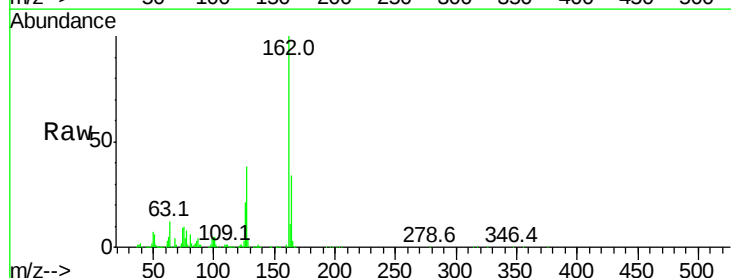
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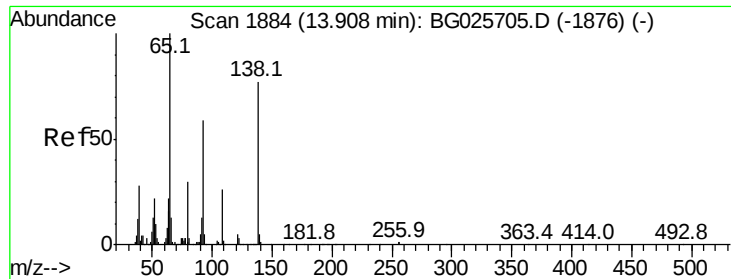
mohammad
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#46
2-Chloronaphthalene
Concen: 51.28 ng
RT: 13.69 min Scan# 1846
Delta R.T. 0.00 min
Lab File: BG025717.D
Acq: 30 Jan 2017 23:08

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.4	32.2	48.4
164	34.1	27.3	40.9





#47

2-Nitroaniline

Concen: 51.46 ng

RT: 13.90 min Scan# 1883

Delta R.T. -0.00 min

Lab File: BG025717.D

Acq: 30 Jan 2017 23:08

Instrument :

BNA_G

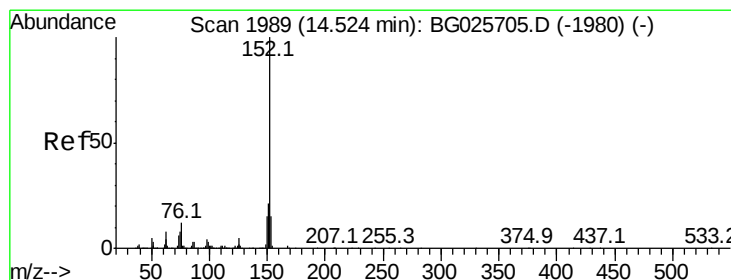
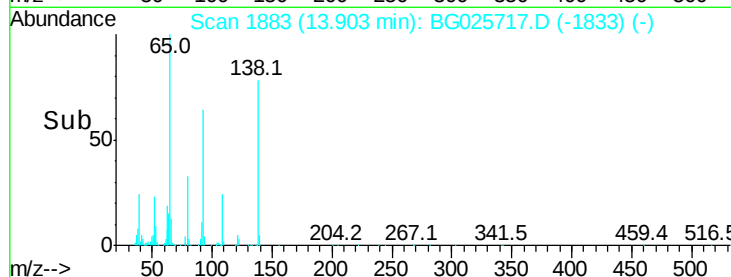
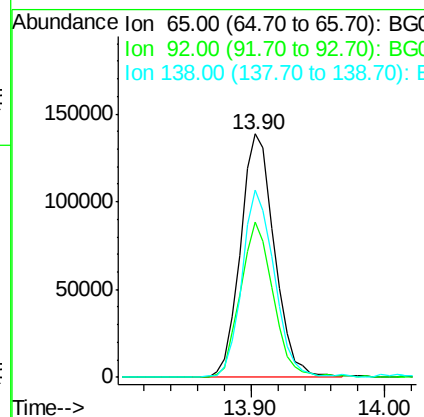
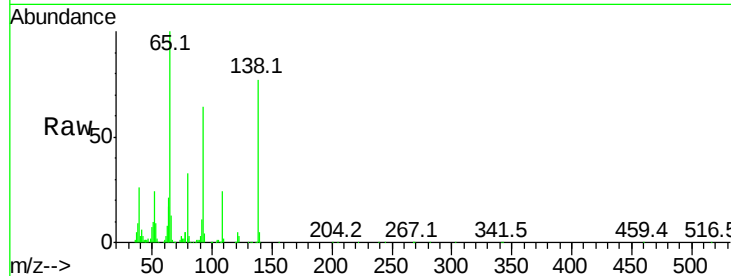
ClientSampleId :

8270SPK

Tot Ion:	65	Resp:	243107
Ion Ratio	Lower	Upper	
65	100		
92	63.8	49.0	73.4
138	77.0	58.6	87.8

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#48

Acenaphthylene

Concen: 48.00 ng

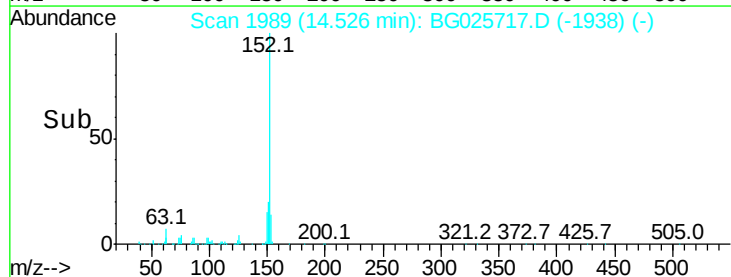
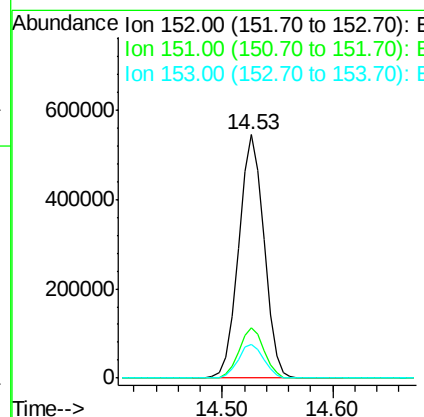
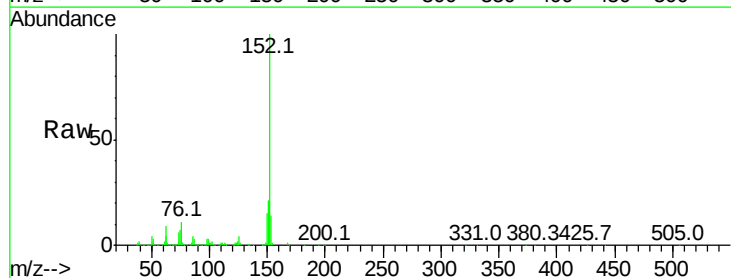
RT: 14.53 min Scan# 1989

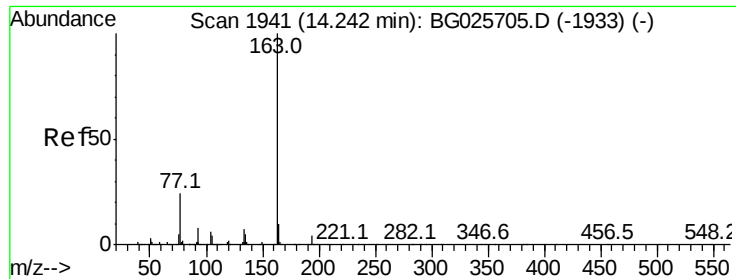
Delta R.T. 0.00 min

Lab File: BG025717.D

Acq: 30 Jan 2017 23:08

Tgt Ion:	152	Resp:	876523
Ion Ratio	Lower	Upper	
152	100		
151	20.5	18.2	27.2
153	14.0	11.3	16.9





#49

Dimethylphthalate

Concen: 50.43 ng

RT: 14.24 min Scan# 1941

Delta R.T. 0.00 min

Lab File: BG025717.D

Acq: 30 Jan 2017 23:08

Instrument :

BNA_G

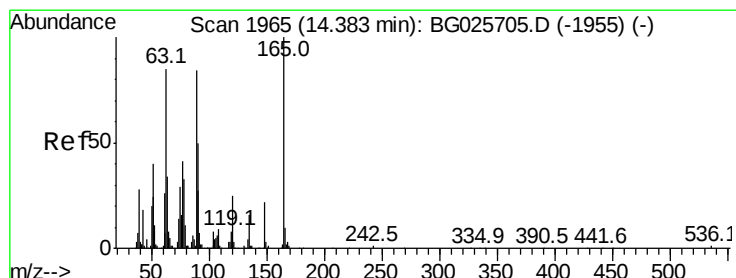
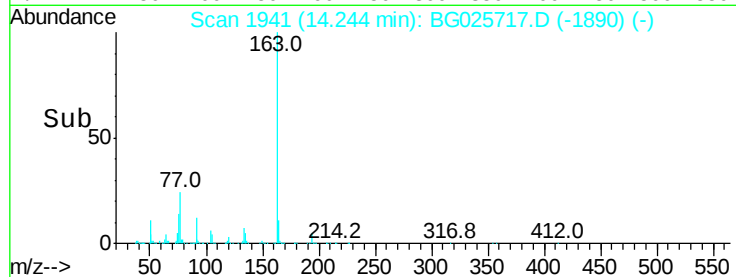
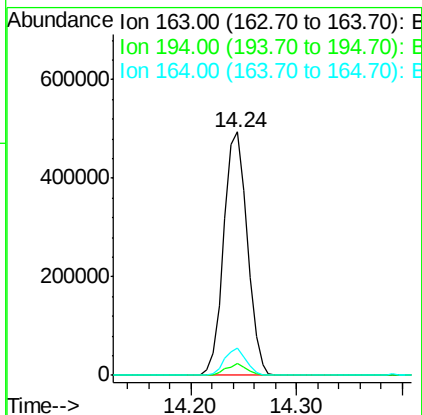
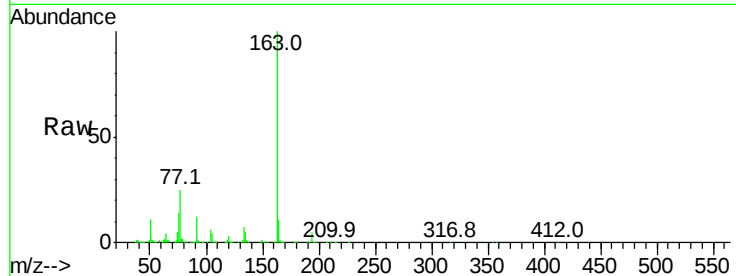
ClientSampleId :

8270SPK

Tot Ion:	163	Resp:	762986
Ion Ratio	Lower	Upper	
163	100		
194	4.8	3.8	5.6
164	11.4	9.3	13.9

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#50

2,6-Dinitrotoluene

Concen: 48.64 ng

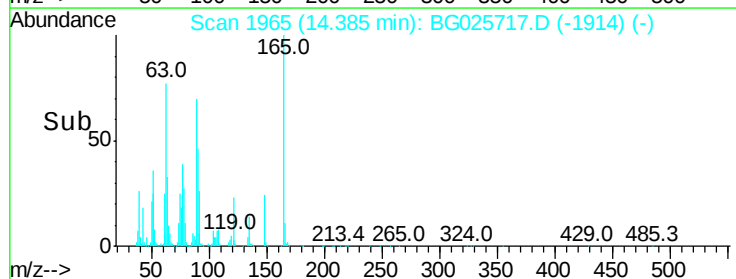
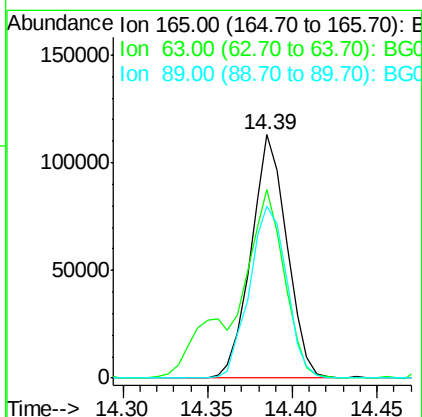
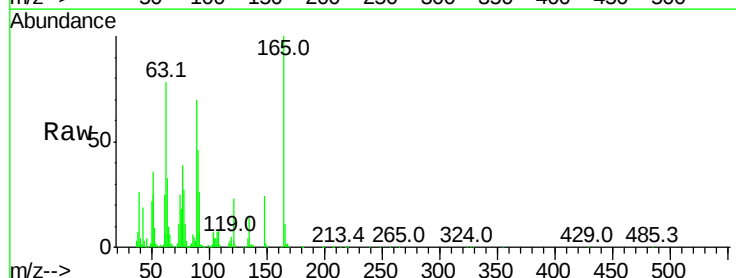
RT: 14.39 min Scan# 1965

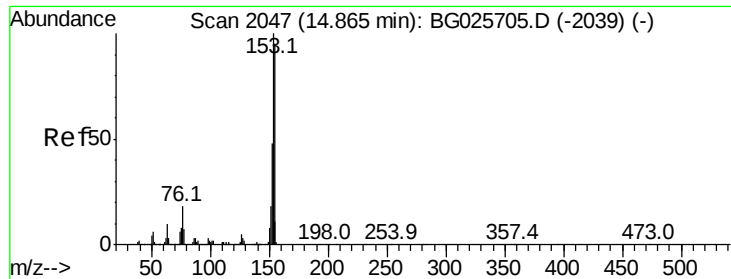
Delta R.T. 0.00 min

Lab File: BG025717.D

Acq: 30 Jan 2017 23:08

Tgt Ion:	165	Resp:	166658
Ion Ratio	Lower	Upper	
165	100		
63	77.6	63.9	95.9
89	70.4	58.6	88.0





#51

Acenaphthene

Concen: 49.37 ng

RT: 14.86 min Scan# 2046

Delta R.T. -0.00 min

Lab File: BG025717.D

Acq: 30 Jan 2017 23:08

Instrument :

BNA_G

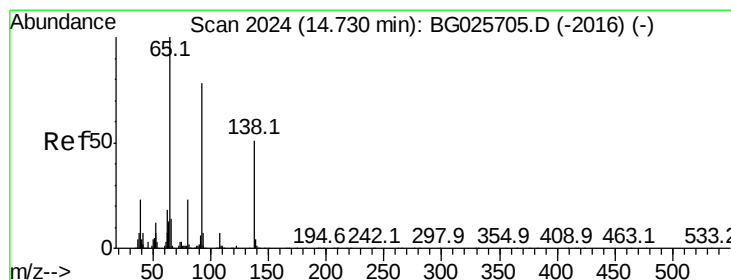
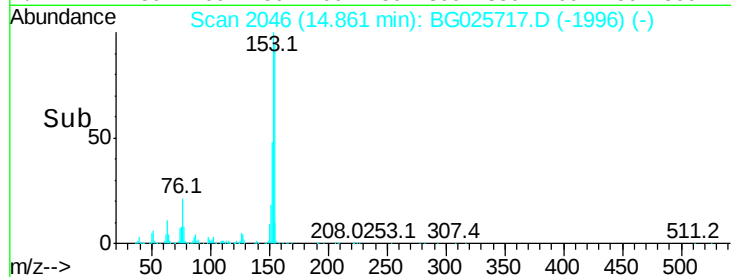
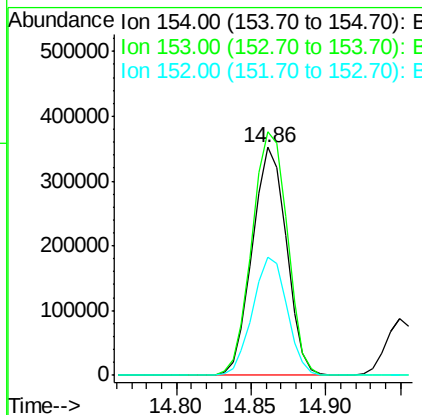
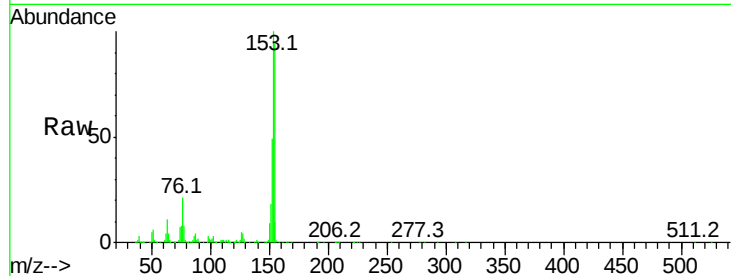
ClientSampleId :

8270SPK

Tot Ion:	154	Resp:	557117
Ion	Ratio	Lower	Upper
154	100		
153	106.9	87.8	131.6
152	52.0	42.2	63.4

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#52

3-Nitroaniline

Concen: 33.89 ng

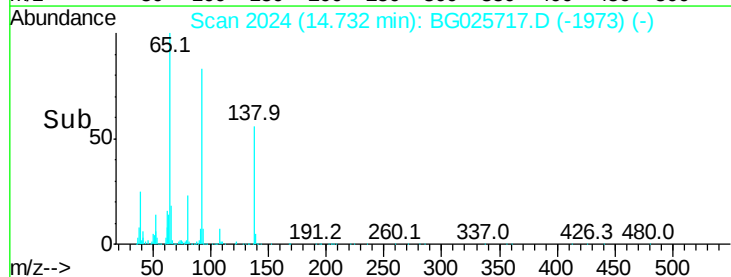
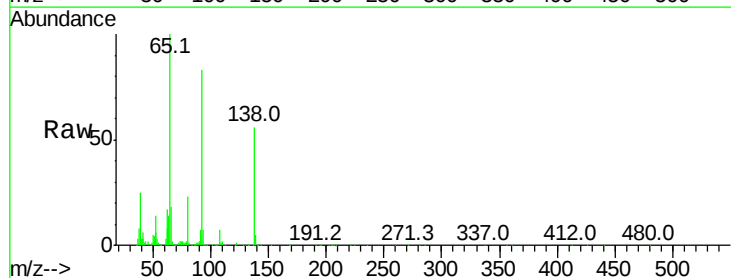
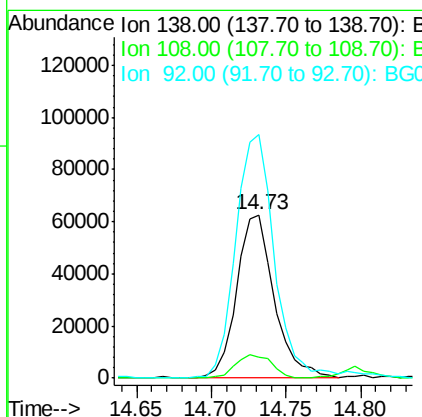
RT: 14.73 min Scan# 2024

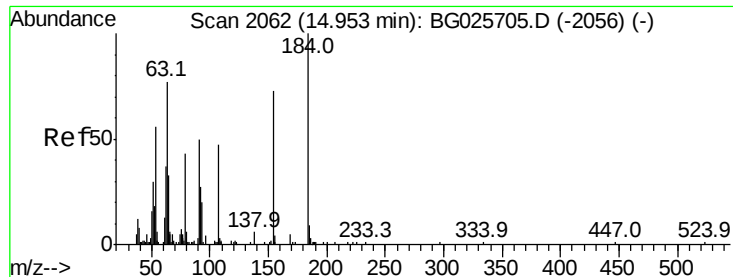
Delta R.T. 0.00 min

Lab File: BG025717.D

Acq: 30 Jan 2017 23:08

Tgt Ion:	138	Resp:	109487
Ion	Ratio	Lower	Upper
138	100		
108	12.4	10.9	16.3
92	149.0	115.3	172.9





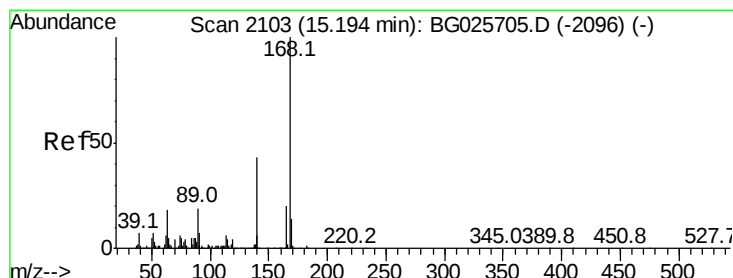
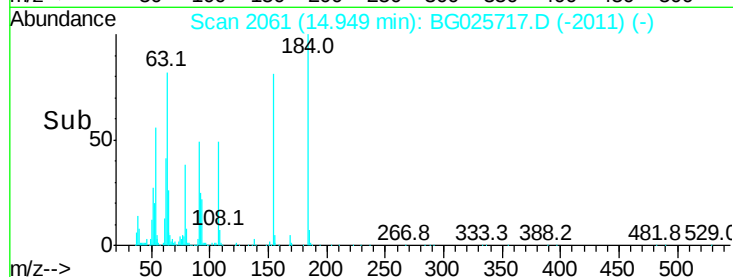
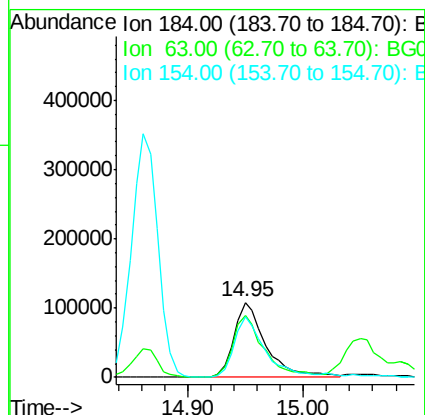
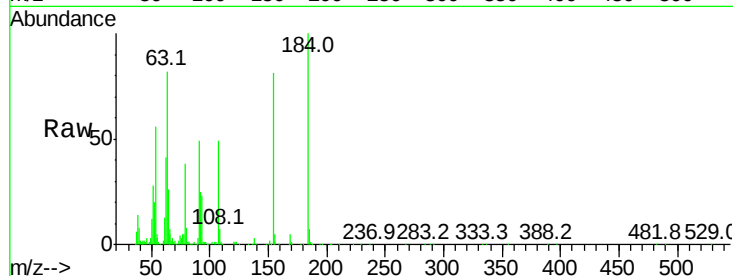
#53
2,4-Dinitrophenol
Concen: 98.12 ng
RT: 14.95 min Scan# 2061
Delta R.T. -0.00 min
Lab File: BG025717.D
Acq: 30 Jan 2017 23:08

Instrument :
BNA_G
ClientSampleId :
8270SPK

Tot Ion	Ratio	Resp	Lower	Upper
184	100	206110		
63	82.1	52.7	79.1#	
154	80.6	57.3	85.9	

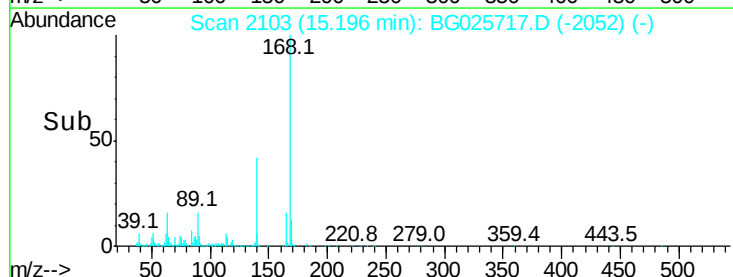
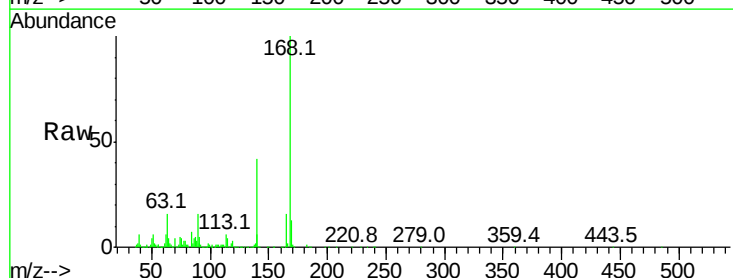
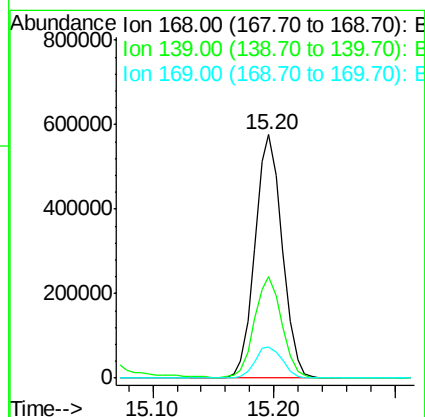
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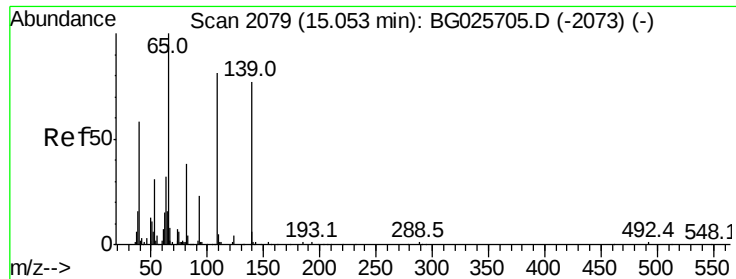
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#54
Dibenzofuran
Concen: 52.91 ng
RT: 15.20 min Scan# 2103
Delta R.T. 0.00 min
Lab File: BG025717.D
Acq: 30 Jan 2017 23:08

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	902009		
139	41.8	35.3	52.9	
169	13.0	11.5	17.3	





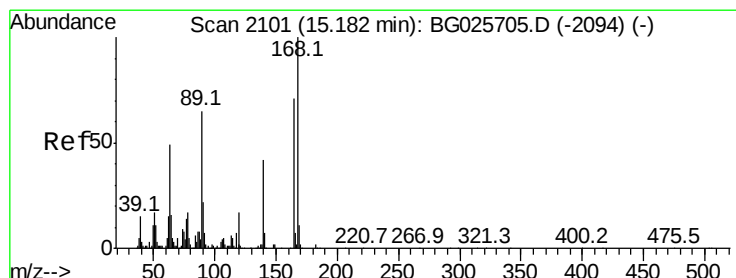
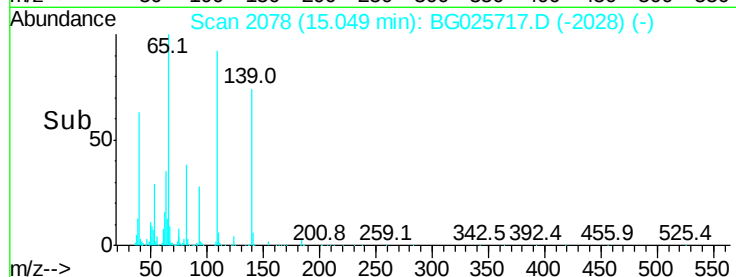
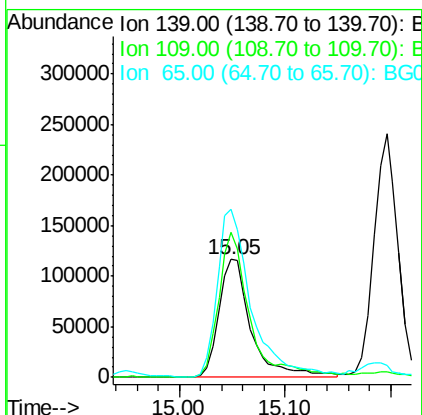
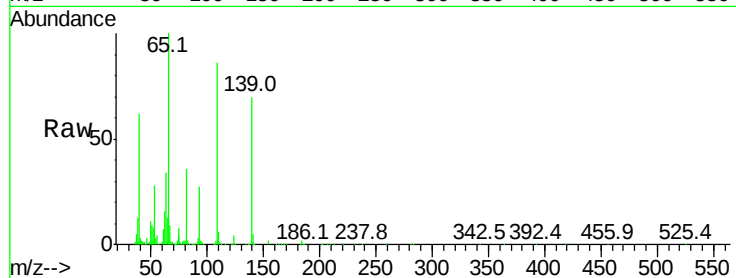
#55
4-Nitrophenol
Concen: 97.74 ng
RT: 15.05 min Scan# 2078
Delta R.T. -0.00 min
Lab File: BG025717.D
Acq: 30 Jan 2017 23:08

Instrument :
BNA_G
ClientSampleId :
8270SPK

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	122.8	101.2	141.2	
65	142.6	135.3	175.3	

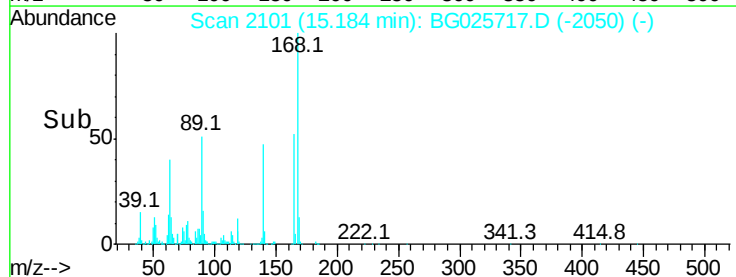
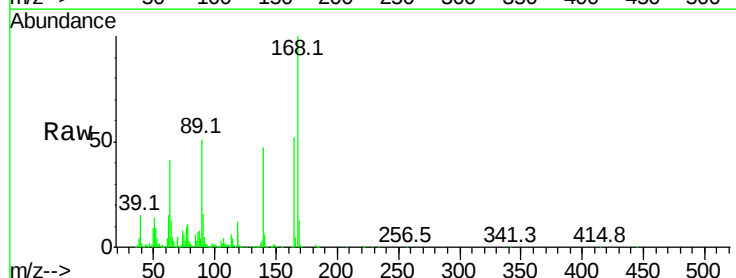
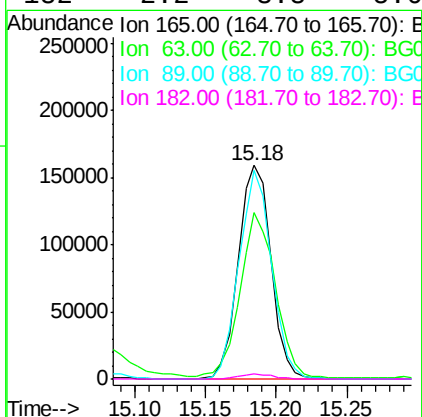
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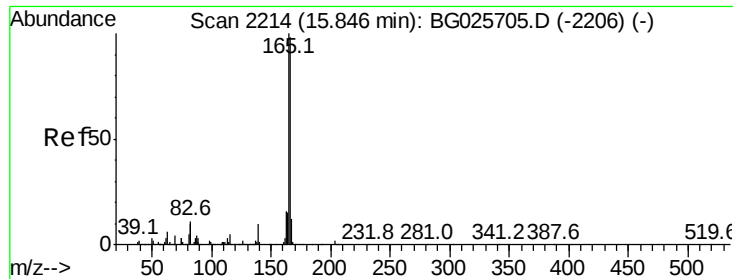
mohammad
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#56
2,4-Dinitrotoluene
Concen: 51.17 ng
RT: 15.18 min Scan# 2101
Delta R.T. 0.00 min
Lab File: BG025717.D
Acq: 30 Jan 2017 23:08

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	78.1	44.0	66.0#	
89	97.9	67.3	100.9	
182	2.2	3.8	5.6#	





#57

Fluorene

Concen: 48.39 ng

RT: 15.84 min Scan# 2213

Delta R.T. -0.00 min

Lab File: BG025717.D

Acq: 30 Jan 2017 23:08

Instrument :

BNA_G

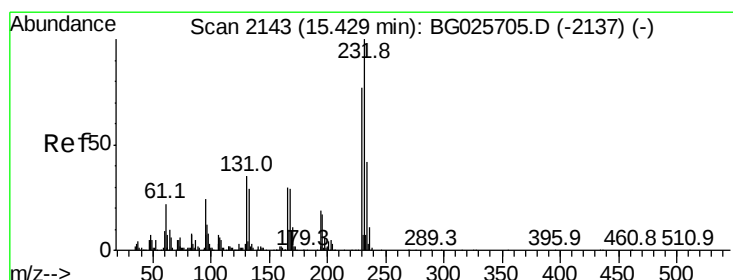
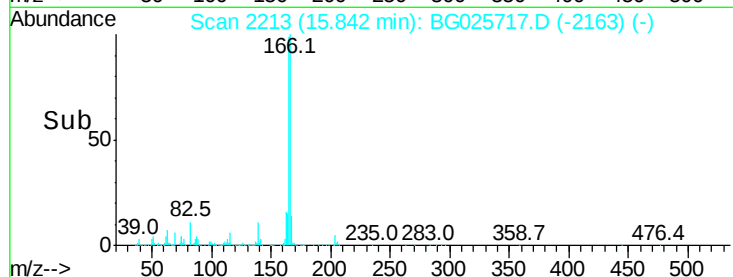
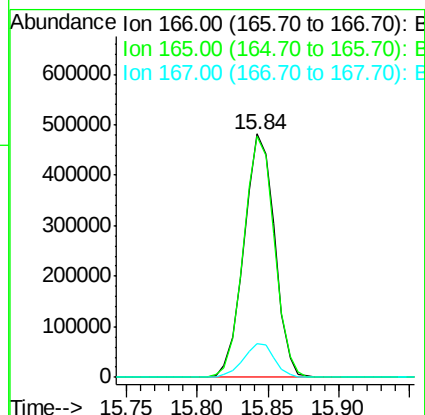
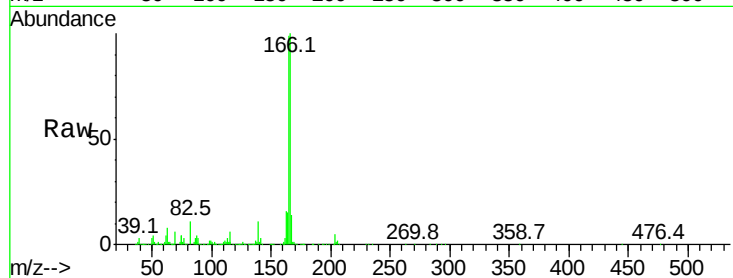
ClientSampleId :

8270SPK

Tot Ion:	166	Resp:	732923
Ion Ratio	Lower	Upper	
166	100		
165	99.0	78.6	117.8
167	13.9	11.6	17.4

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#58

2,3,4,6-Tetrachlorophenol

Concen: 59.30 ng

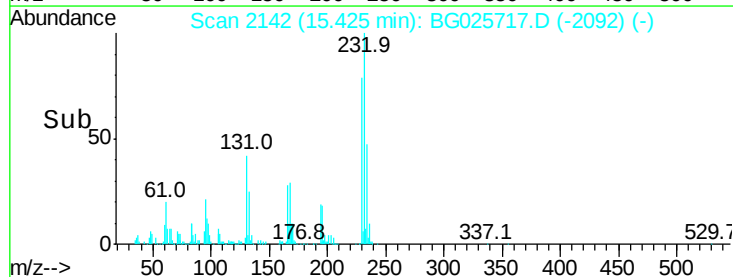
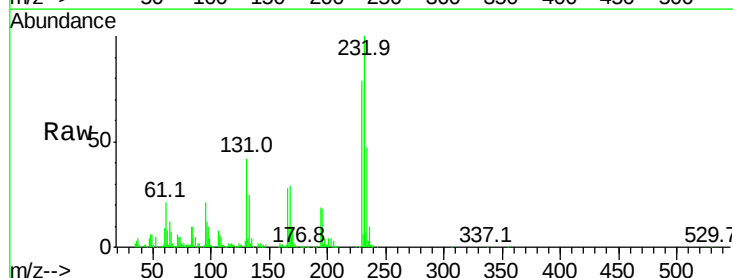
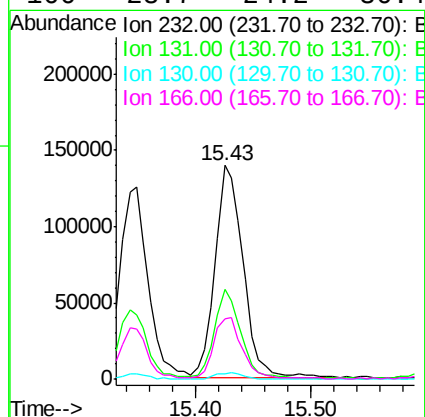
RT: 15.43 min Scan# 2142

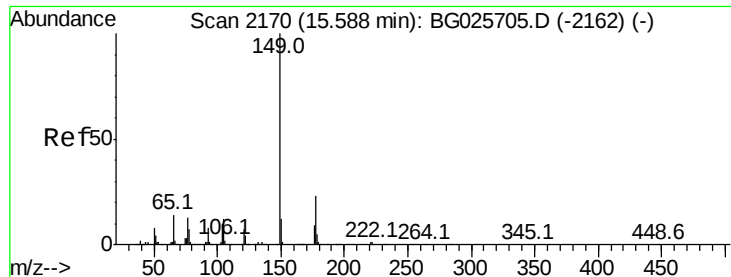
Delta R.T. -0.00 min

Lab File: BG025717.D

Acq: 30 Jan 2017 23:08

Tgt Ion:	232	Resp:	235670
Ion Ratio	Lower	Upper	
232	100		
131	39.5	34.9	52.3
130	2.9	2.3	3.5
166	28.7	24.2	36.4





#59

Diethylphthalate

Concen: 50.26 ng

RT: 15.59 min Scan# 2170

Delta R.T. 0.00 min

Lab File: BG025717.D

Acq: 30 Jan 2017 23:08

Instrument :

BNA_G

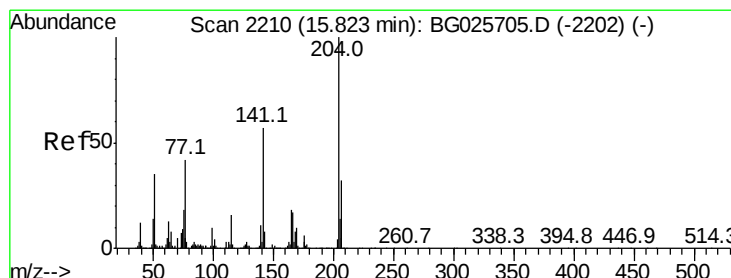
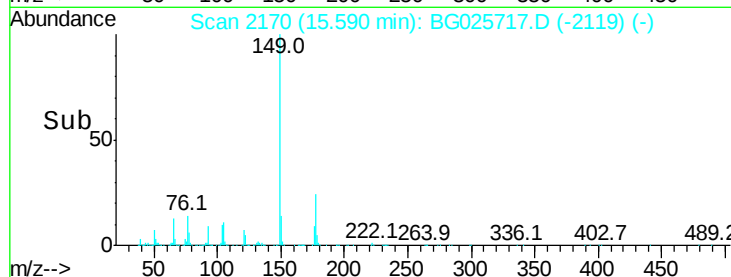
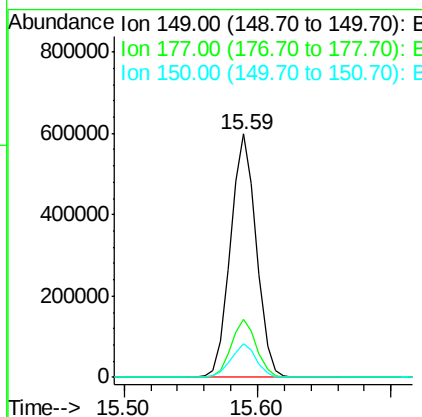
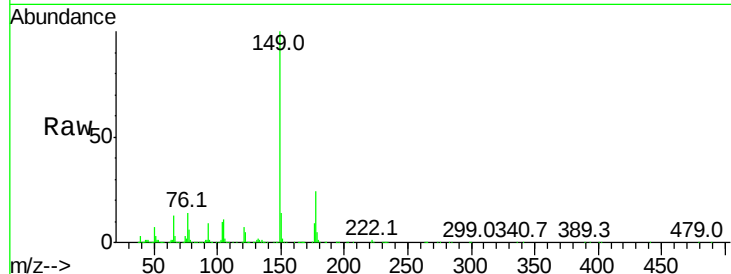
ClientSampleId :

8270SPK

Tot Ion:	149	Resp:	806262
Ion Ratio		Lower	Upper
149	100		
177	23.7	20.1	30.1
150	13.7	10.2	15.2

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#60

4-Chlorophenyl-phenylether

Concen: 48.86 ng

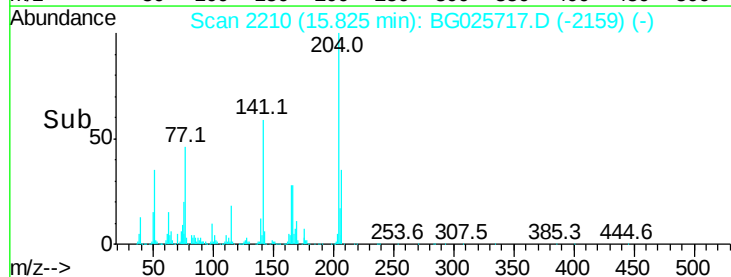
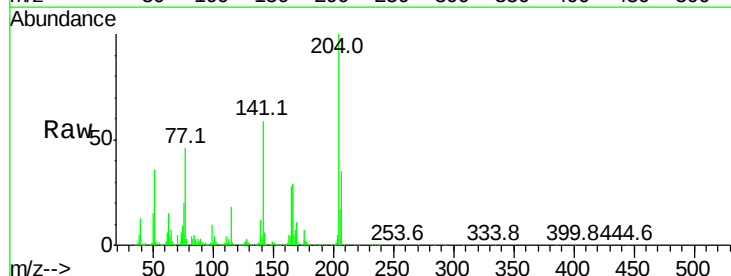
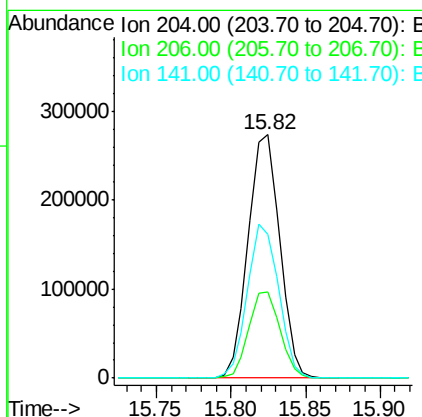
RT: 15.82 min Scan# 2210

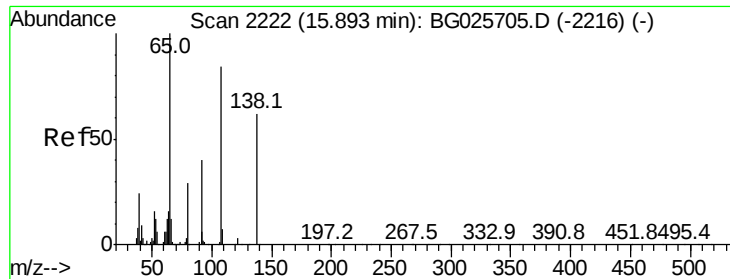
Delta R.T. 0.00 min

Lab File: BG025717.D

Acq: 30 Jan 2017 23:08

Tgt Ion:	204	Resp:	401213
Ion Ratio		Lower	Upper
204	100		
206	35.2	30.1	45.1
141	59.3	50.6	76.0





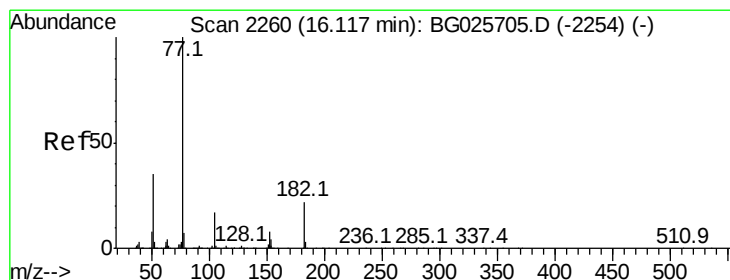
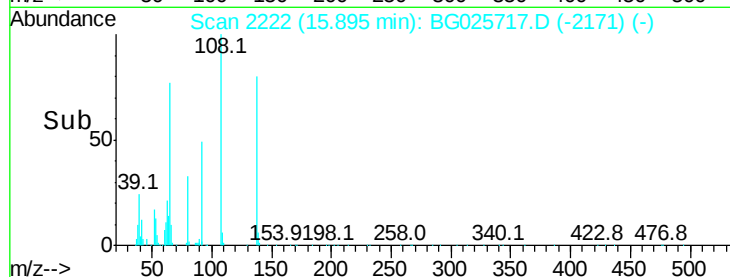
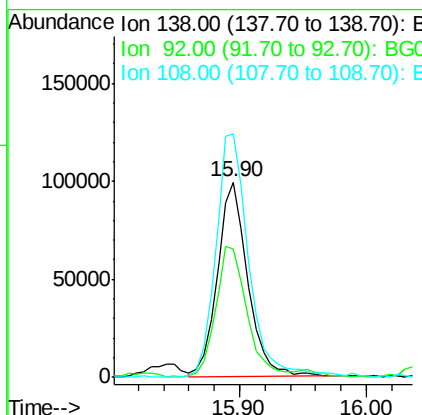
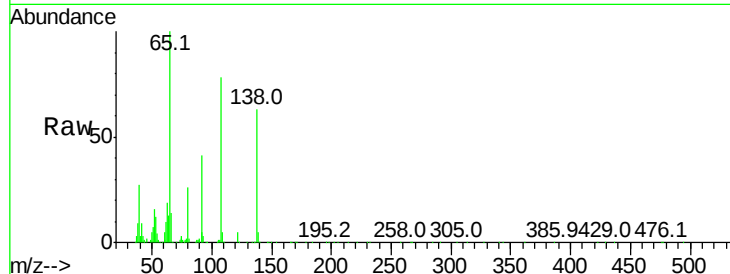
#61
4-Nitroaniline
Concen: 50.94 ng
RT: 15.90 min Scan# 2222
Delta R.T. 0.00 min
Lab File: BG025717.D
Acq: 30 Jan 2017 23:08

Instrument :
BNA_G
ClientSampleId :
8270SPK

Tot Ion	Ratio	Lower	Upper
138	100		
92	66.0	44.2	84.2
108	124.7	104.8	144.8

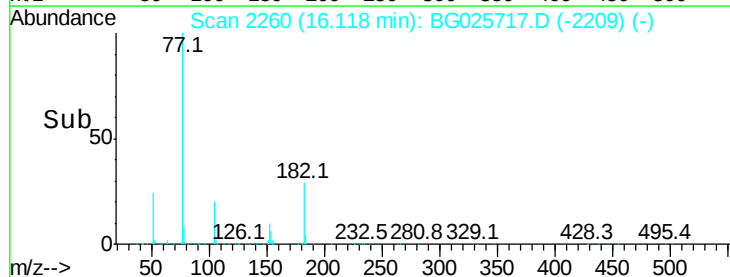
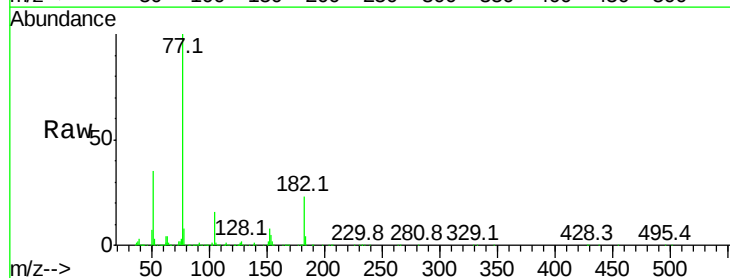
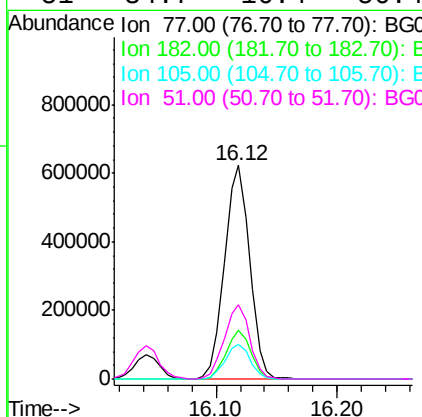
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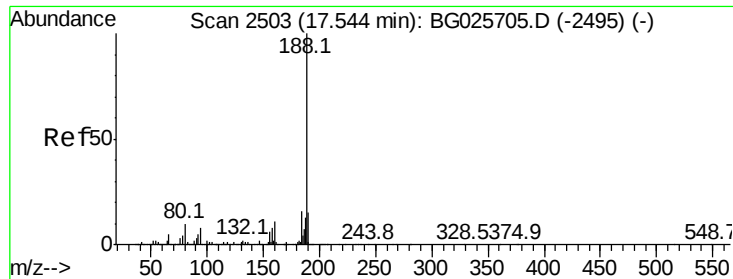
mohammad
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#62
Azobenzene
Concen: 54.92 ng
RT: 16.12 min Scan# 2260
Delta R.T. 0.00 min
Lab File: BG025717.D
Acq: 30 Jan 2017 23:08

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.9	4.7	44.7
105	16.0	0.0	36.3
51	34.7	16.4	56.4





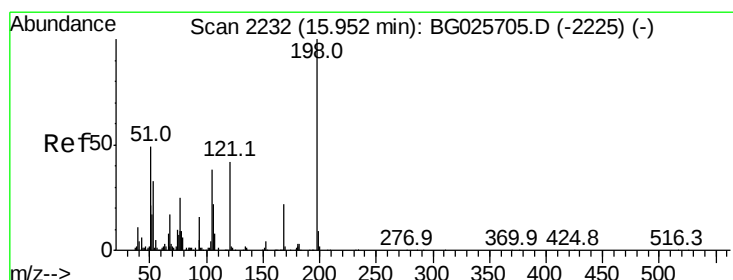
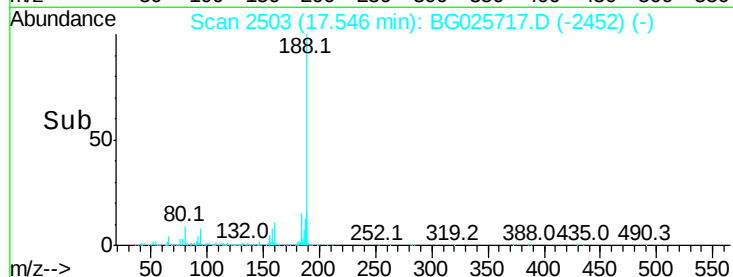
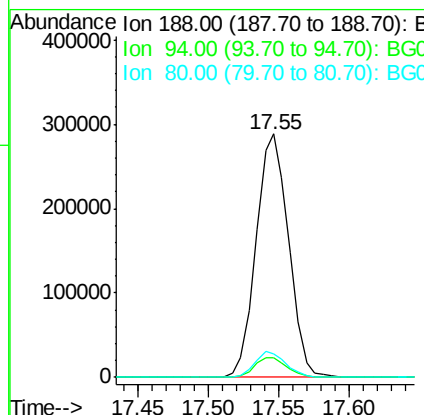
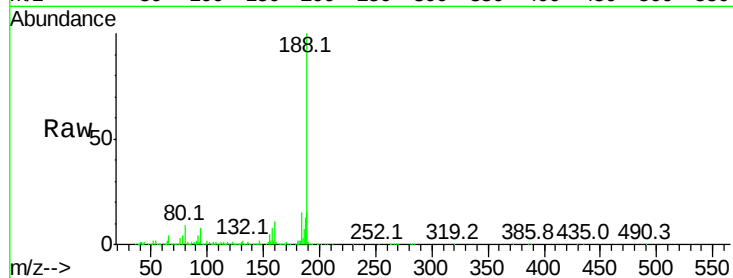
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2503
Delta R.T. 0.00 min
Lab File: BG025717.D
Acq: 30 Jan 2017 23:08

Instrument :
BNA_G
ClientSampleId :
8270SPK

Tot Ion	Ratio	Resp	Lower	Upper
188	100	465055		
94	8.3		5.8	8.8
80	9.4		7.5	11.3

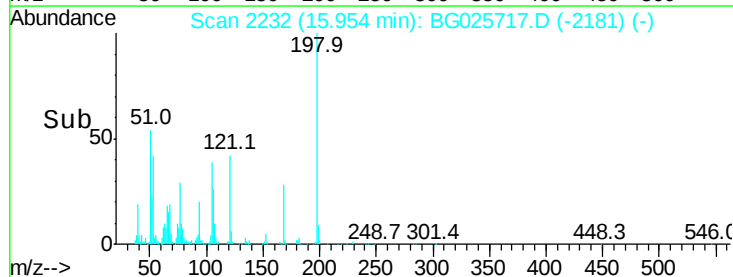
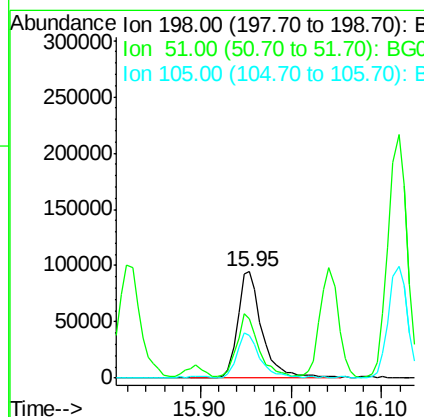
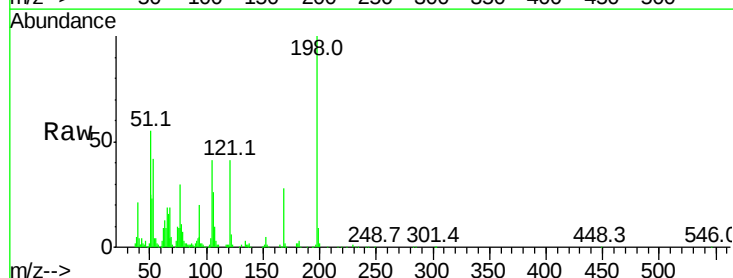
Manual Integrations
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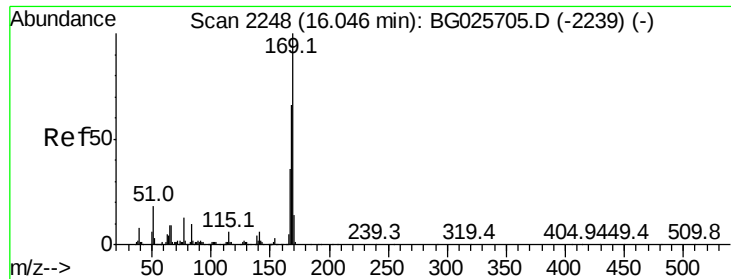
mohammad
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#64
4,6-Dinitro-2-methylphenol
Concen: 53.65 ng
RT: 15.95 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BG025717.D
Acq: 30 Jan 2017 23:08

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	177321		
51	55.2		22.6	62.6
105	40.5		14.4	54.4





#65

n-Nitrosodiphenylamine

Concen: 51.57 ng

RT: 16.04 min Scan# 2247

Delta R.T. -0.00 min

Lab File: BG025717.D

Acq: 30 Jan 2017 23:08

Instrument :

BNA_G

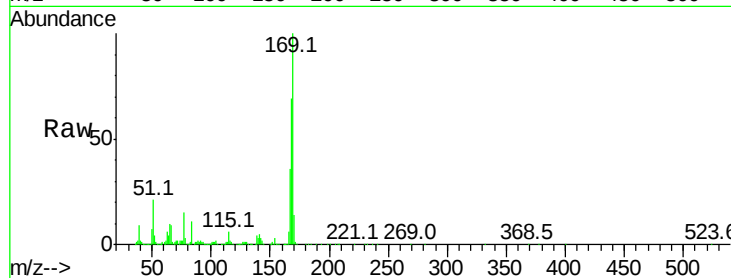
ClientSampleId :

8270SPK

Tot Ion	Ratio	Lower	Upper
169	100		
168	69.3	55.7	83.5
167	35.8	29.8	44.6

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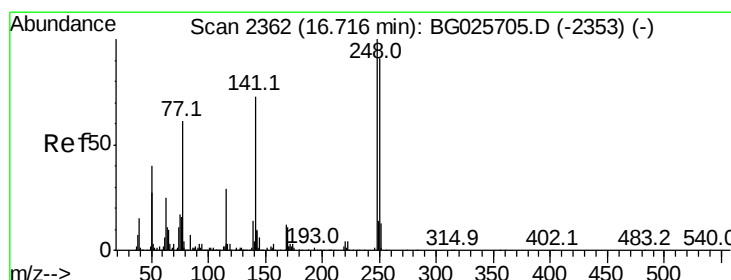
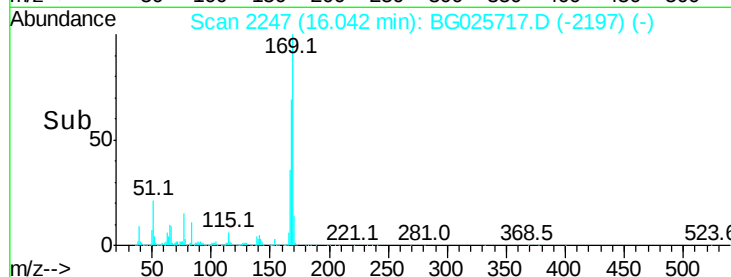
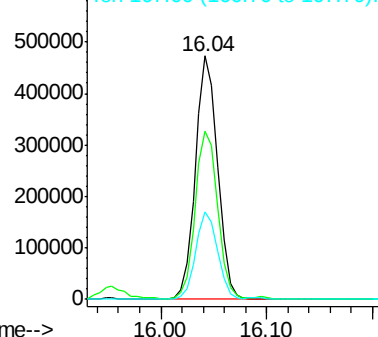


Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 51.51 ng

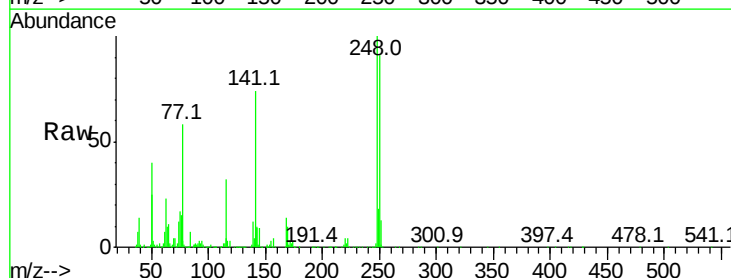
RT: 16.72 min Scan# 2362

Delta R.T. 0.00 min

Lab File: BG025717.D

Acq: 30 Jan 2017 23:08

Tgt Ion	Ratio	Lower	Upper
248	100		
250	91.2	75.0	112.6
141	73.5	55.2	82.8

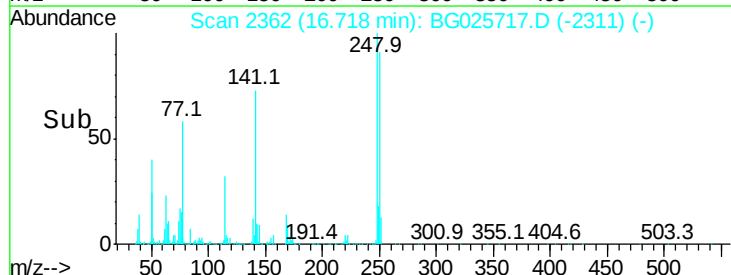
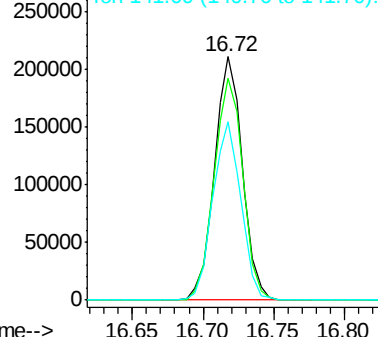


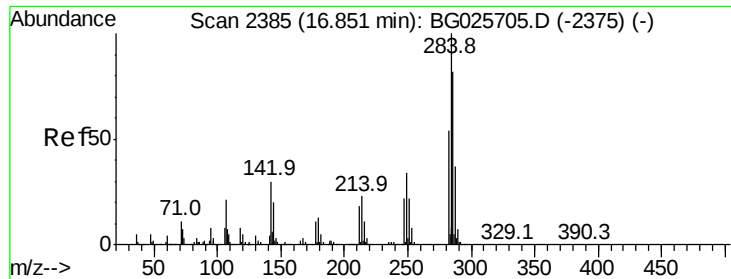
Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





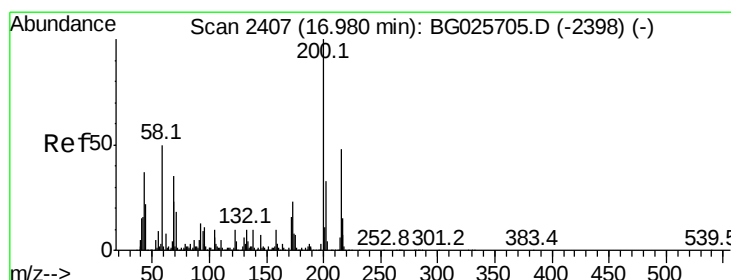
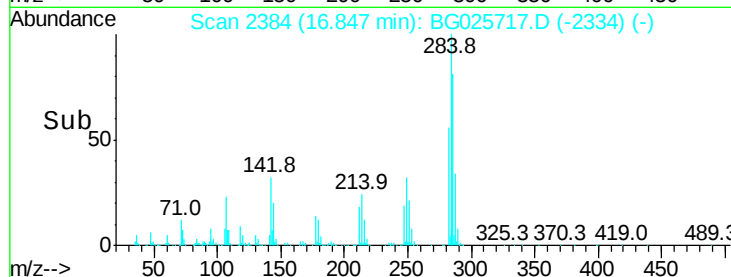
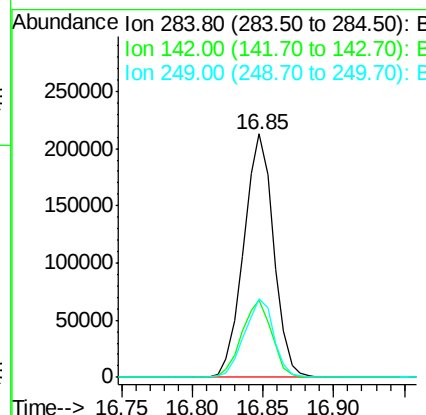
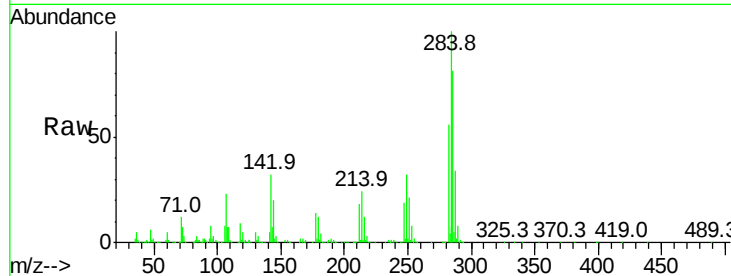
#67
Hexachlorobenzene
Concen: 49.49 ng
RT: 16.85 min Scan# 2384
Delta R.T. -0.00 min
Lab File: BG025717.D
Acq: 30 Jan 2017 23:08

Instrument :
BNA_G
ClientSampleId :
8270SPK

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	31.6	29.9	44.9	
249	32.3	29.2	43.8	

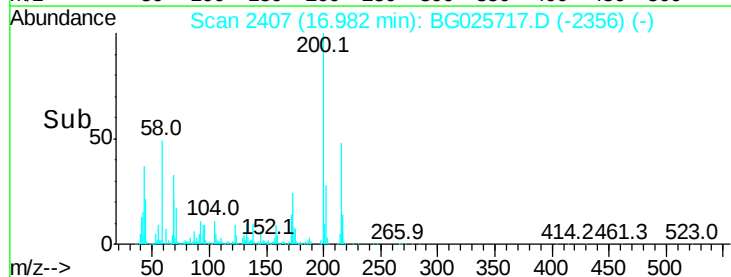
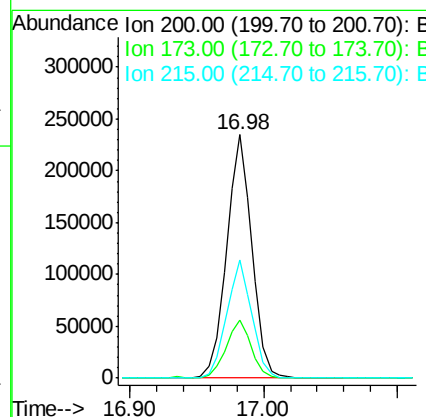
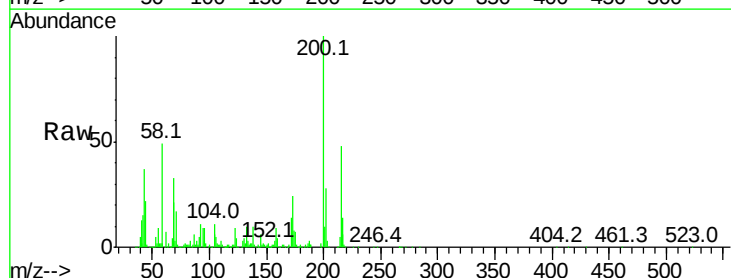
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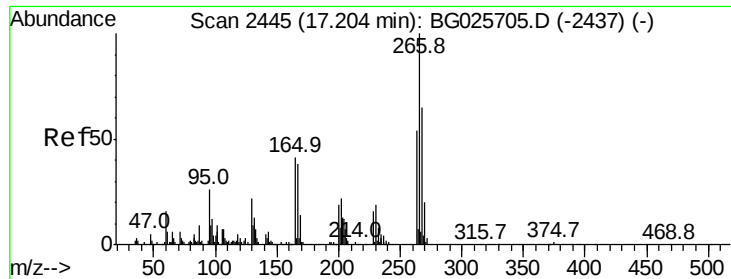
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#68
Atrazine
Concen: 47.31 ng
RT: 16.98 min Scan# 2407
Delta R.T. 0.00 min
Lab File: BG025717.D
Acq: 30 Jan 2017 23:08

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	23.8	3.0	43.0	
215	48.4	28.4	68.4	





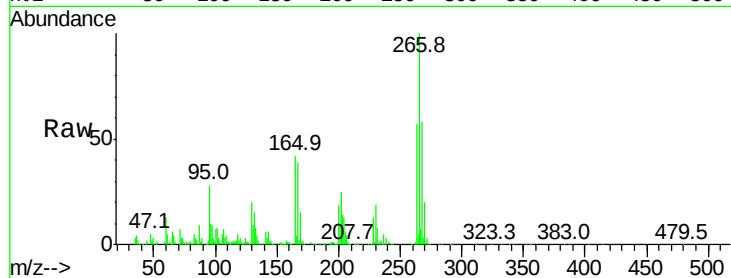
#69
 Pentachlorophenol
 Concen: 113.82 ng
 RT: 17.20 min Scan# 2444
 Delta R.T. -0.00 min
 Lab File: BG025717.D
 Acq: 30 Jan 2017 23:08

Instrument :
 BNA_G
 ClientSampleId :
 8270SPK

Tot Ion	Ratio	Resp	Lower	Upper
266	100	318106		
268	58.1		48.6	72.8
264	57.2		50.1	75.1

Manual Integrations
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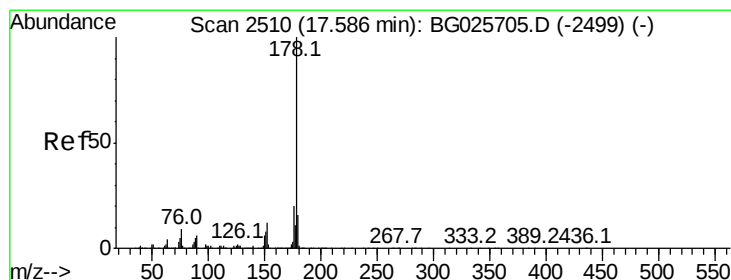
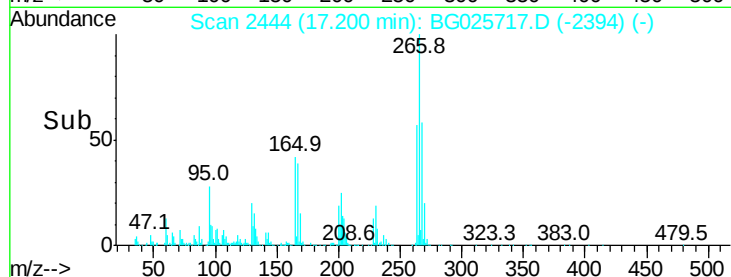
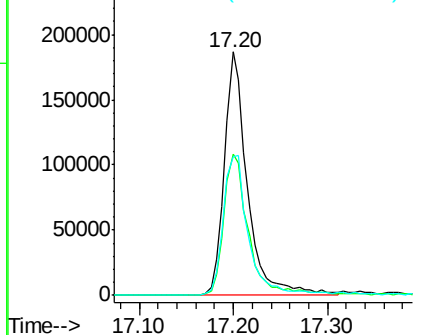


Abundance

Ion 265.70 (265.40 to 266.40): E

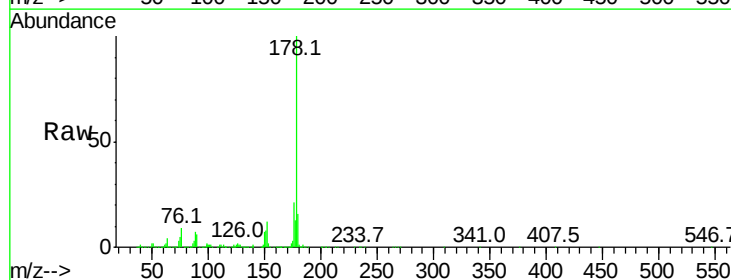
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 50.92 ng
 RT: 17.59 min Scan# 2510
 Delta R.T. 0.00 min
 Lab File: BG025717.D
 Acq: 30 Jan 2017 23:08

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1286755		
176	21.0		17.7	26.5
179	16.1		15.0	22.6

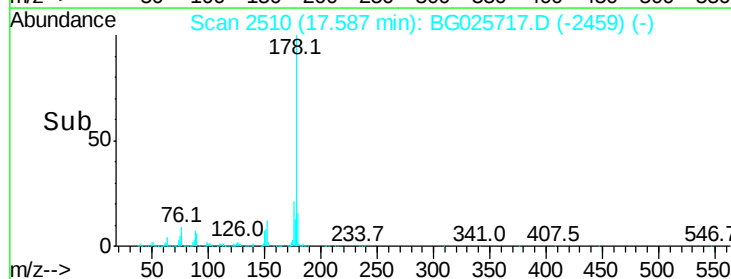
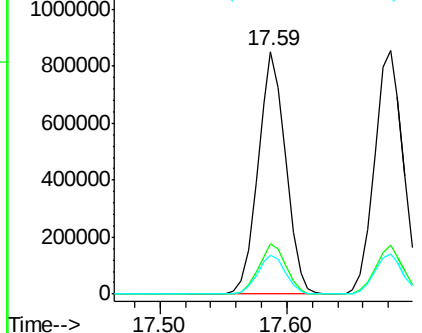


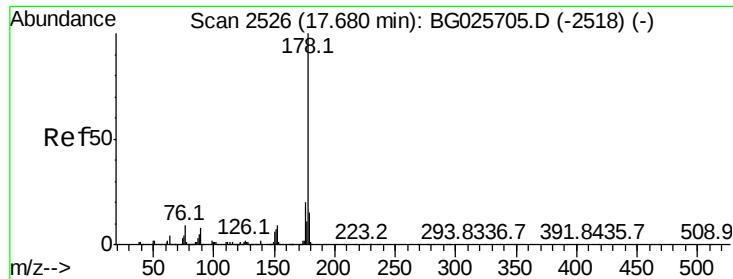
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





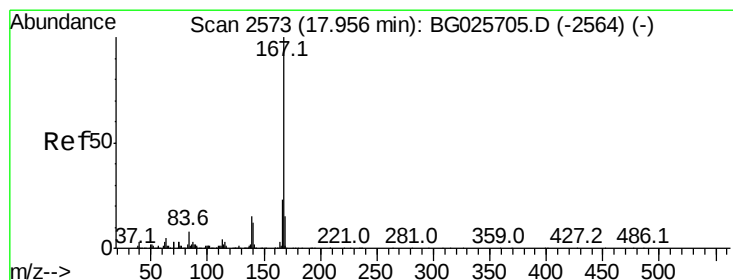
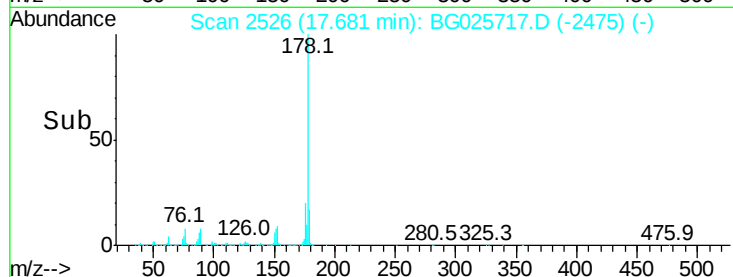
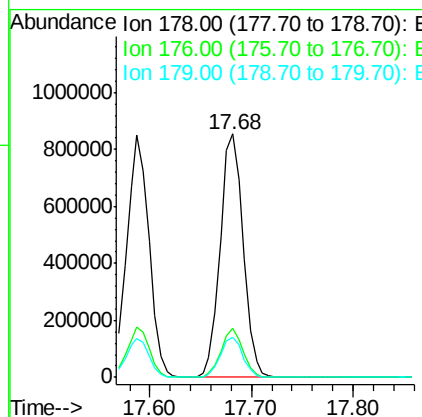
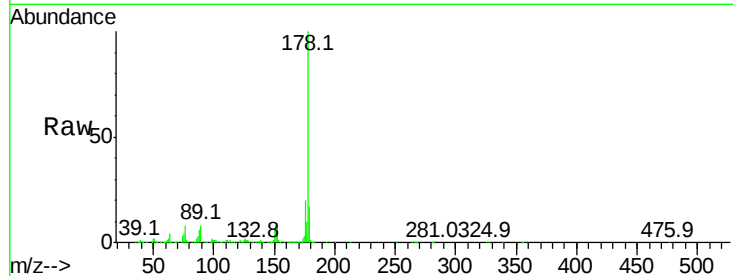
#71
 Anthracene
 Concen: 51.62 ng
 RT: 17.68 min Scan# 2526
 Delta R.T. 0.00 min
 Lab File: BG025717.D
 Acq: 30 Jan 2017 23:08

Instrument :
 BNA_G
 ClientSampleId :
 8270SPK

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.4	24.6
179	16.6	13.8	20.8

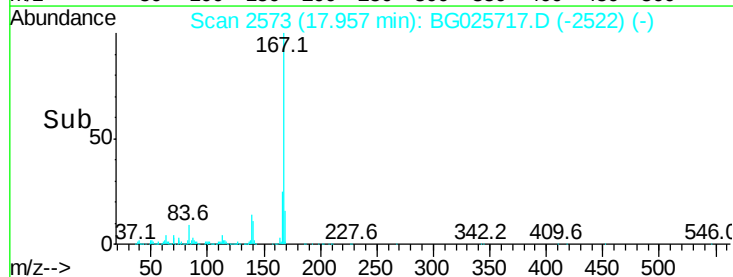
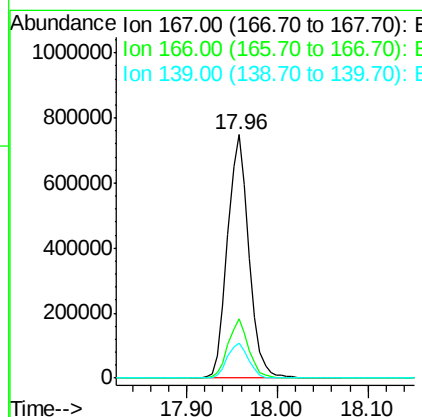
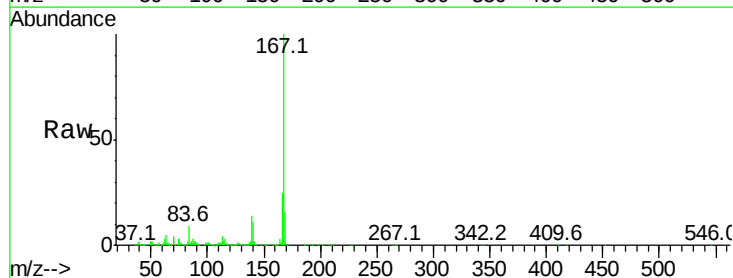
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#72
 Carbazole
 Concen: 48.59 ng
 RT: 17.96 min Scan# 2573
 Delta R.T. 0.00 min
 Lab File: BG025717.D
 Acq: 30 Jan 2017 23:08

Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.5	20.2	30.2
139	14.5	12.8	19.2





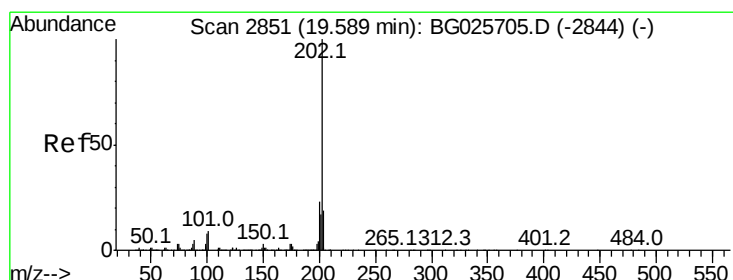
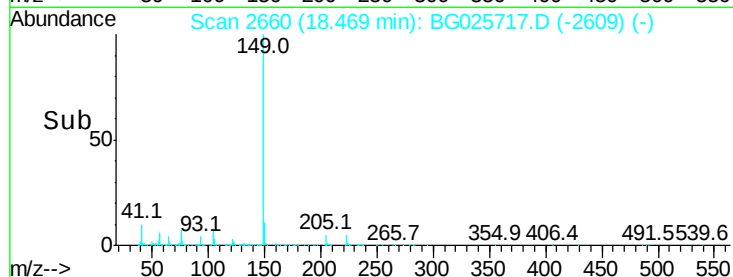
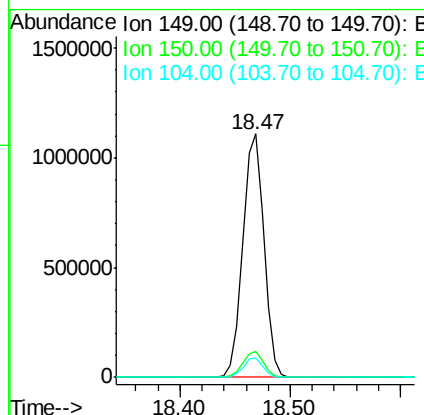
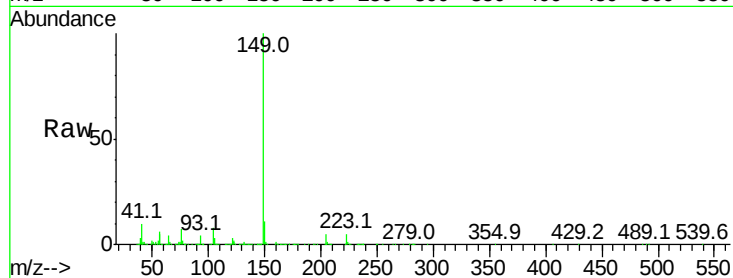
#73
Di-n-butylphthalate
Concen: 51.24 ng
RT: 18.47 min Scan# 2660
Delta R.T. 0.00 min
Lab File: BG025717.D
Acq: 30 Jan 2017 23:08

Instrument :
BNA_G
ClientSampleId :
8270SPK

Tot Ion	Ratio	Lower	Upper
149	100		
150	10.6	9.1	13.7
104	8.3	6.7	10.1

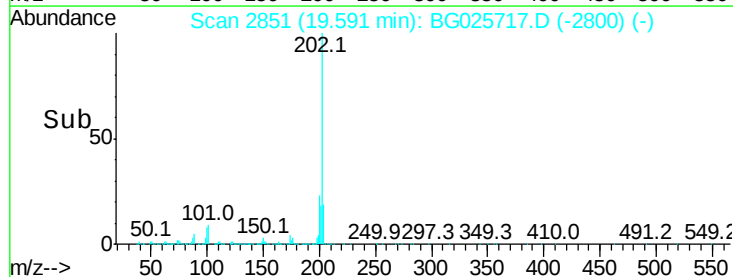
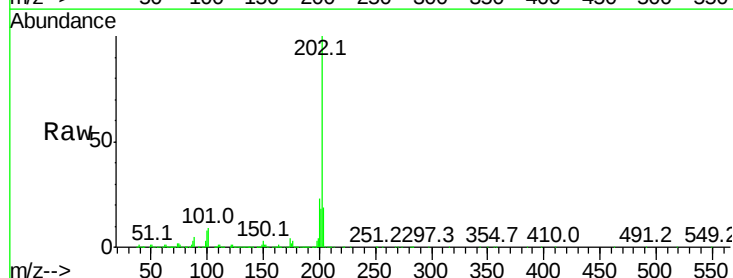
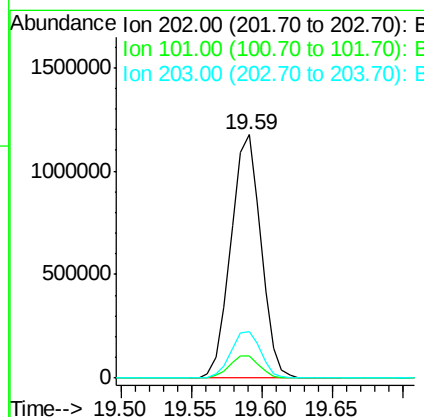
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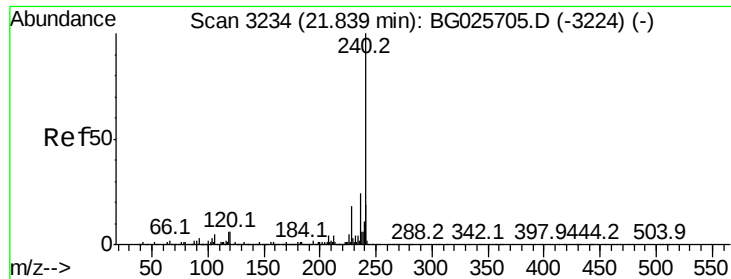
mohammad
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#74
Fluoranthene
Concen: 50.37 ng
RT: 19.59 min Scan# 2851
Delta R.T. 0.00 min
Lab File: BG025717.D
Acq: 30 Jan 2017 23:08

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	30.1
203	19.1	1.3	41.3





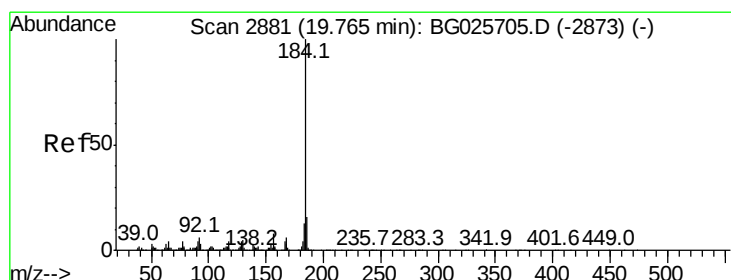
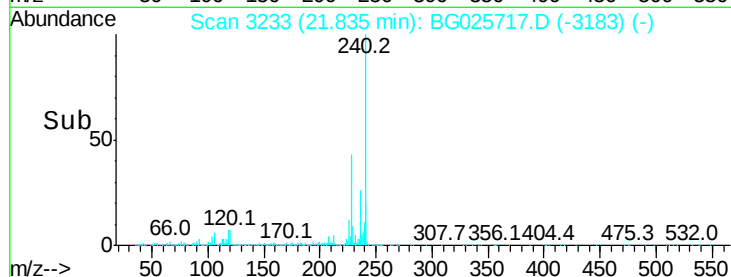
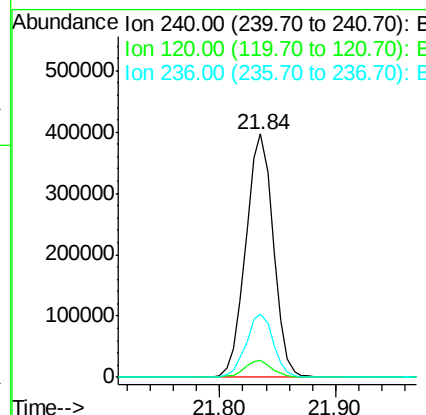
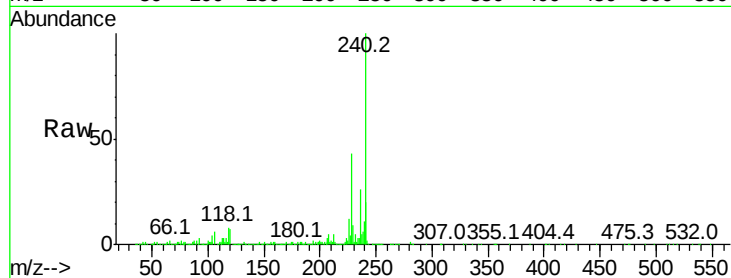
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3233
Delta R.T. -0.00 min
Lab File: BG025717.D
Acq: 30 Jan 2017 23:08

Instrument :
BNA_G
ClientSampleId :
8270SPK

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.0	5.7	8.5
236	26.2	22.2	33.4

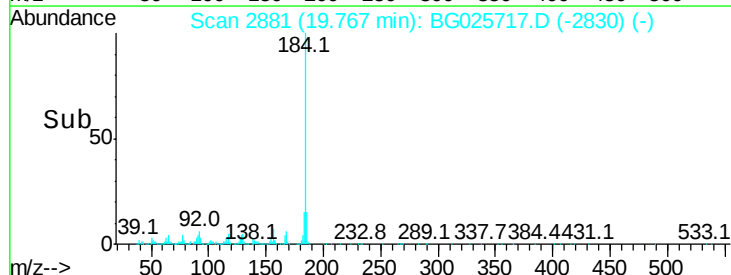
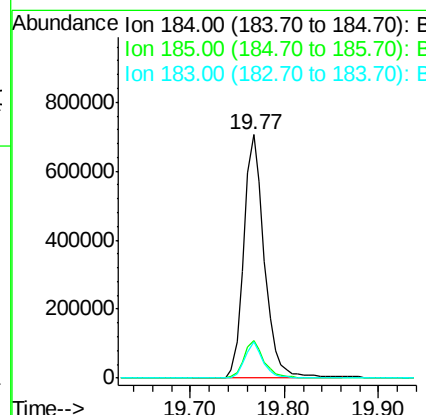
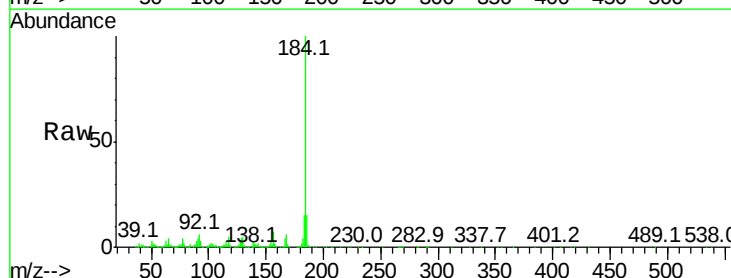
Manual Integrations
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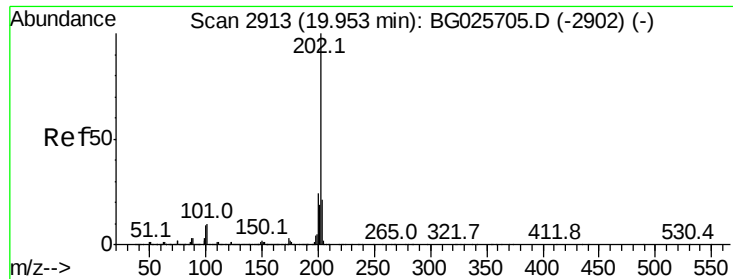
mohammad
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#76
Benzidine
Concen: 47.51 ng
RT: 19.77 min Scan# 2881
Delta R.T. 0.00 min
Lab File: BG025717.D
Acq: 30 Jan 2017 23:08

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.3	13.0	19.6
183	14.6	11.0	16.6





#77

Pvrene

Concen: 49.25 ng

RT: 19.95 min Scan# 2912

Delta R.T. -0.00 min

Lab File: BG025717.D

Acq: 30 Jan 2017 23:08

Instrument :

BNA_G

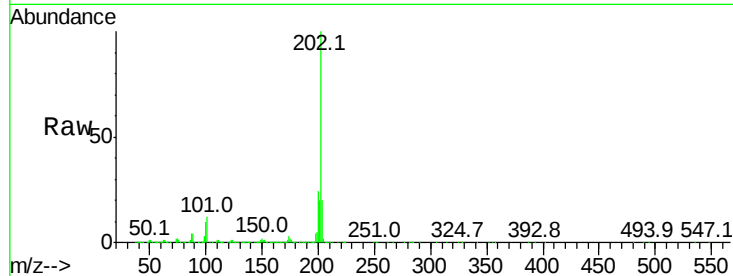
ClientSampleId :

8270SPK

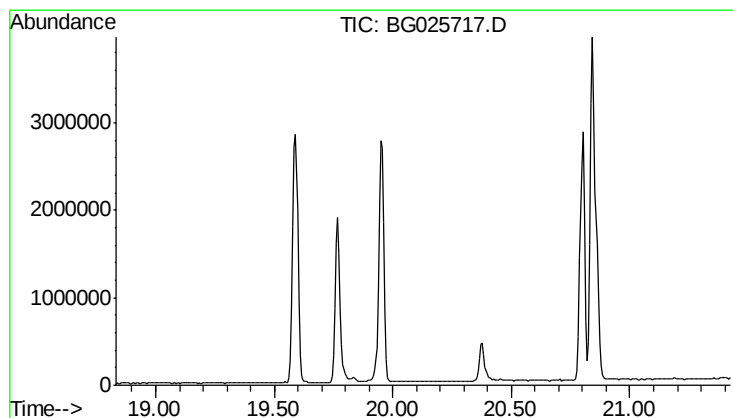
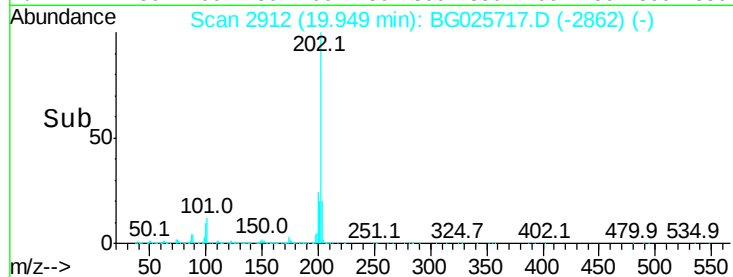
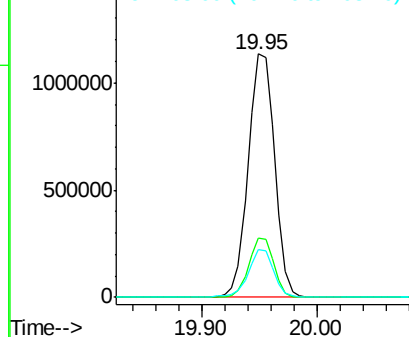
Tot Ion:	202	Resp:	1806452
Ion Ratio	Lower	Upper	
202	100		
200	24.1	19.6	29.4
203	19.8	15.8	23.8

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



#78

Terphenyl-d14

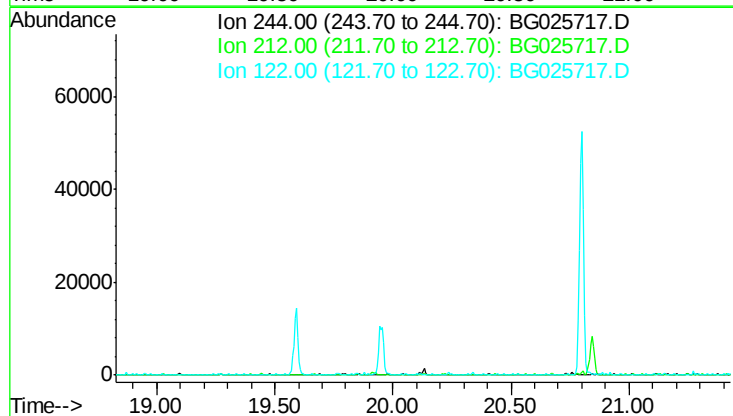
Concen: 0.00 ng

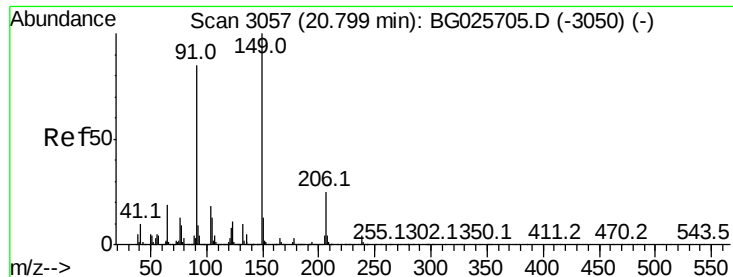
Expected RT: 20.13 min

Lab File: BG025717.D

Acq: 30 Jan 2017 23:08

Tgt Ion:	244
Sig	Exp Ratio
244	100
212	12.5
122	10.7





#79

Butylbenzylphthalate

Concen: 51.72 ng

RT: 20.80 min Scan# 3057

Delta R.T. 0.00 min

Lab File: BG025717.D

Acq: 30 Jan 2017 23:08

Instrument :

BNA_G

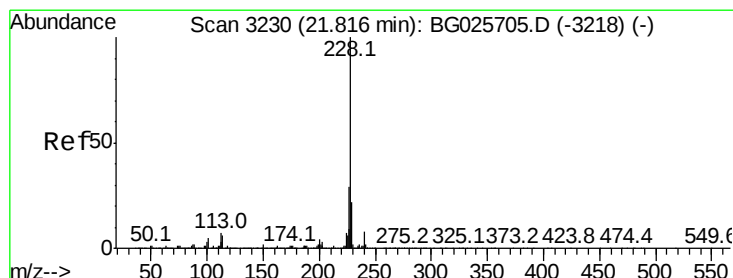
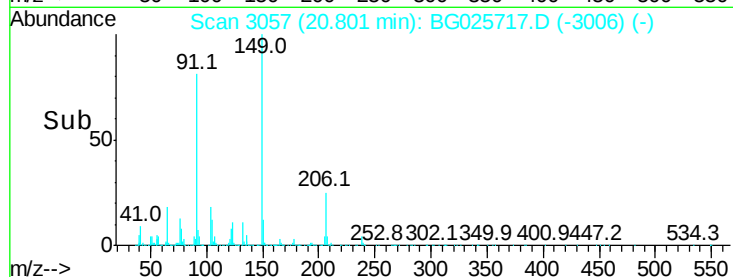
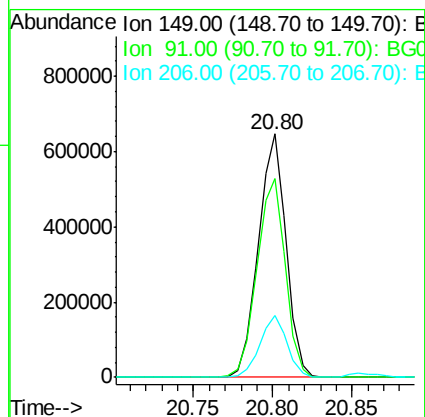
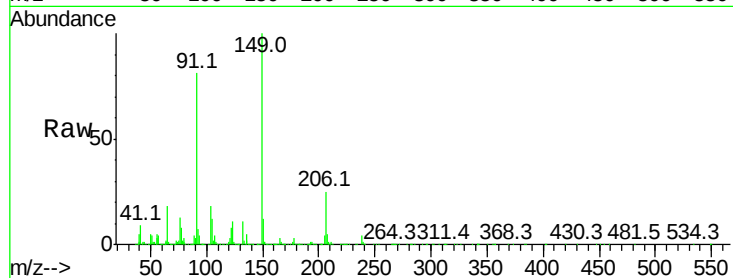
ClientSampleId :

8270SPK

Tot Ion:	149	Resp:	787501
Ion Ratio	Lower	Upper	
149	100		
91	81.4	63.5	95.3
206	25.2	21.0	31.6

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#80

Benzo(a)anthracene

Concen: 49.12 ng

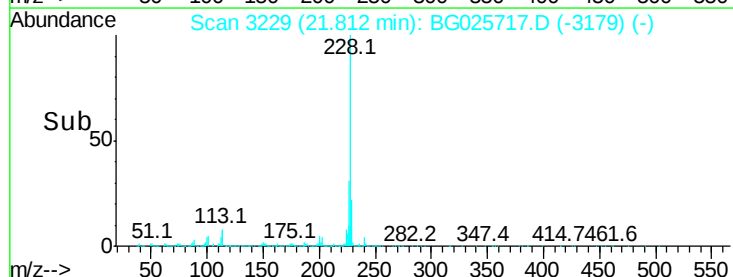
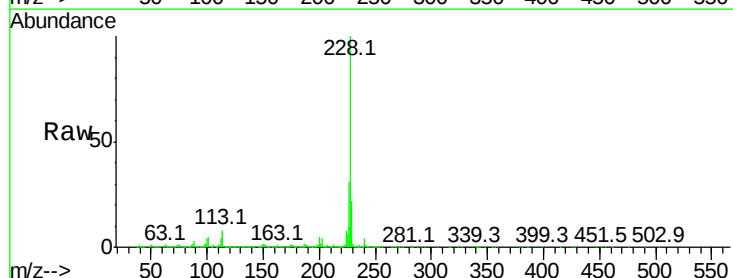
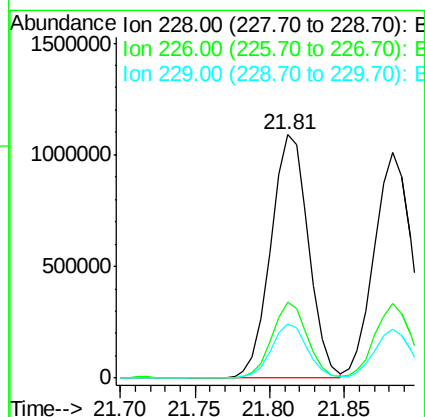
RT: 21.81 min Scan# 3229

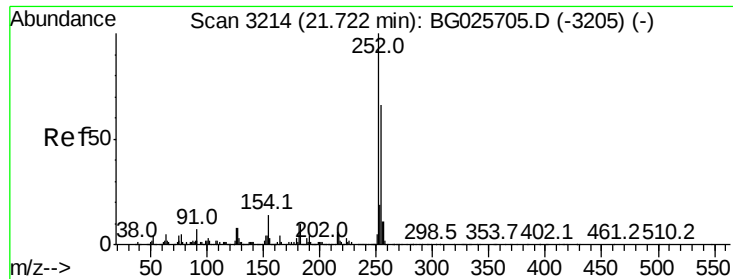
Delta R.T. -0.00 min

Lab File: BG025717.D

Acq: 30 Jan 2017 23:08

Tgt Ion:	228	Resp:	1915174
Ion Ratio	Lower	Upper	
228	100		
226	30.9	24.9	37.3
229	22.2	18.2	27.2





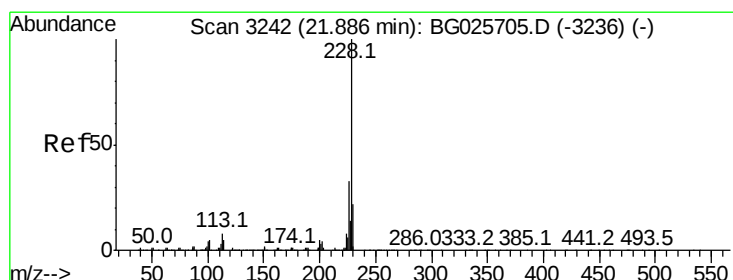
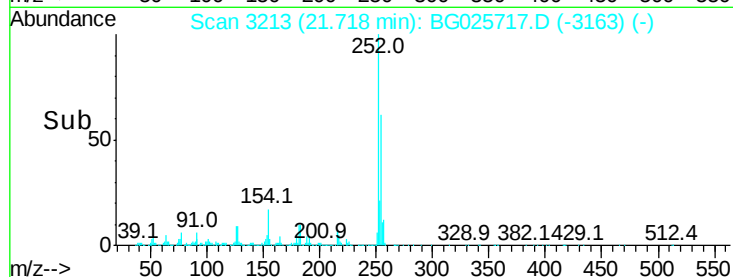
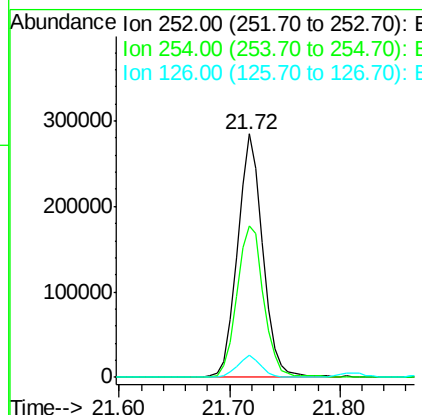
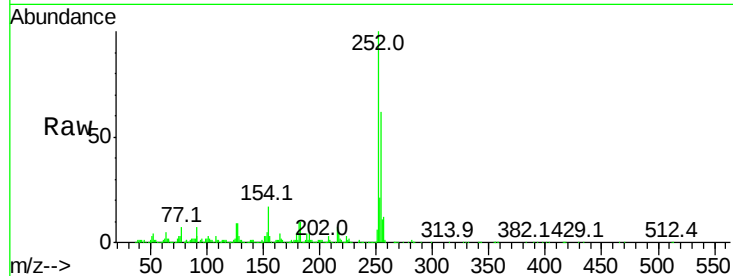
#81
 3,3'-Dichlorobenzidine
 Concen: 29.87 ng
 RT: 21.72 min Scan# 3213
 Delta R.T. -0.00 min
 Lab File: BG025717.D
 Acq: 30 Jan 2017 23:08

Instrument :
 BNA_G
 ClientSampleId :
 8270SPK

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.0	53.1	79.7
126	9.3	7.0	10.4

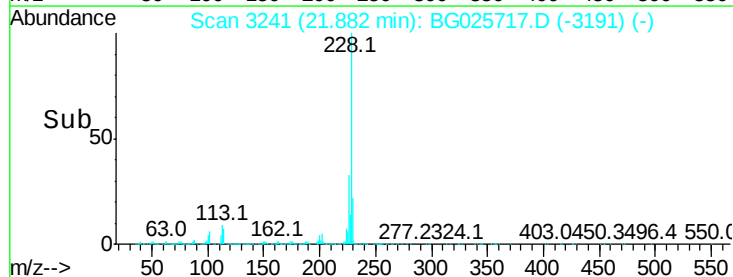
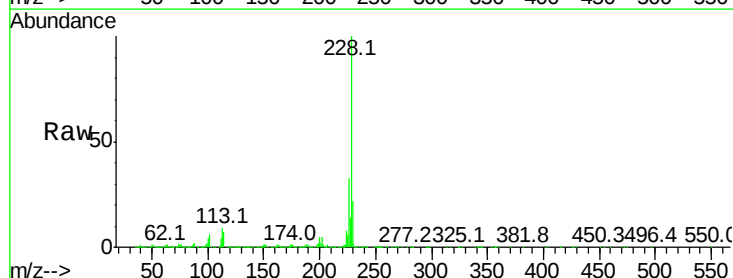
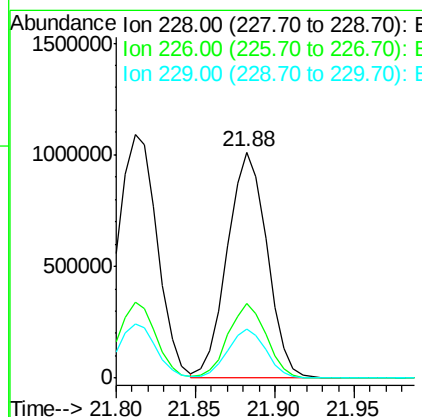
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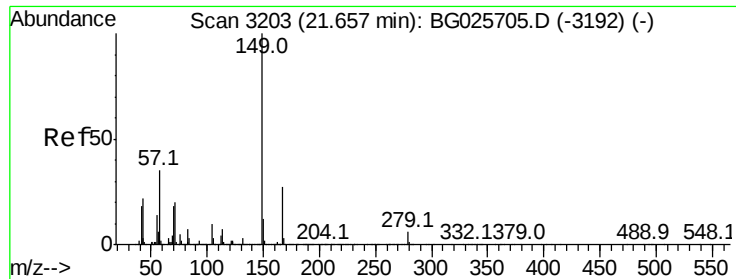
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#82
 Chrysene
 Concen: 47.49 ng
 RT: 21.88 min Scan# 3241
 Delta R.T. -0.00 min
 Lab File: BG025717.D
 Acq: 30 Jan 2017 23:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.8	27.0	40.4
229	21.9	17.8	26.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 51.50 ng

RT: 21.65 min Scan# 3202

Delta R.T. -0.00 min

Lab File: BG025717.D

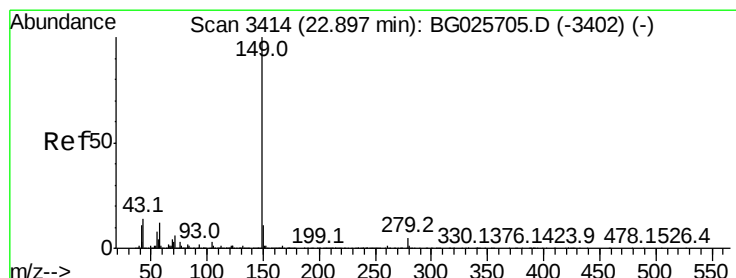
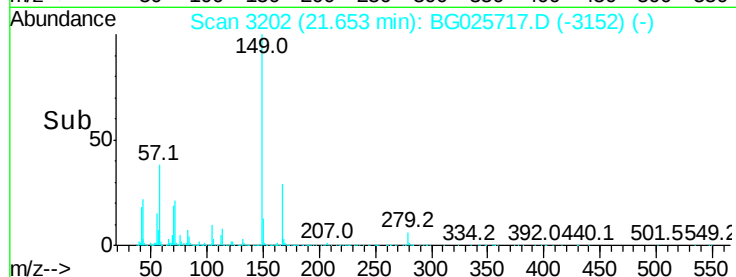
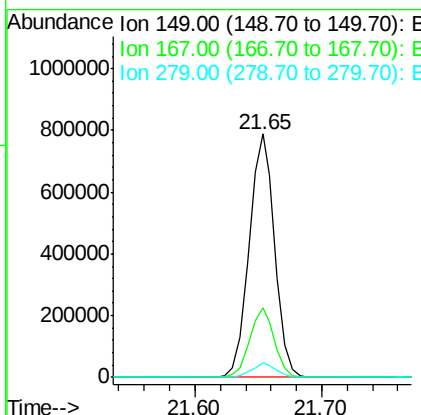
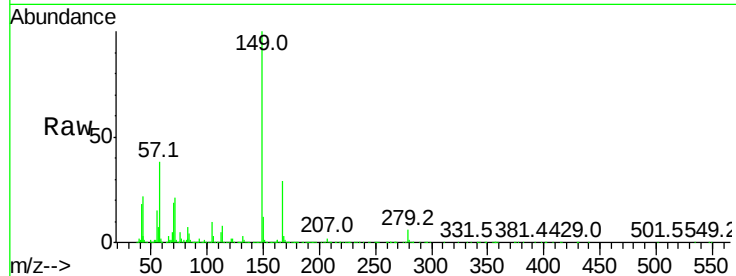
Acq: 30 Jan 2017 23:08

Instrument :
BNA_G
ClientSampleId :
8270SPK

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.6	23.7	35.5
279	5.9	4.6	6.8

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#84

Di-n-octyl phthalate

Concen: 53.27 ng

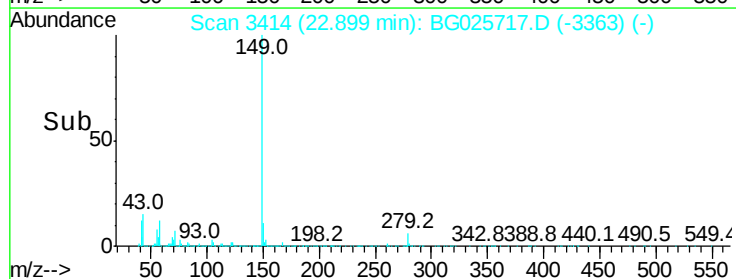
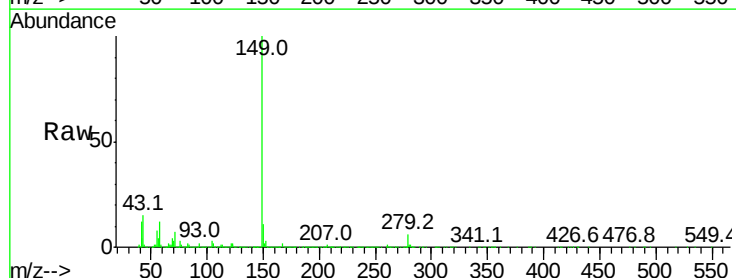
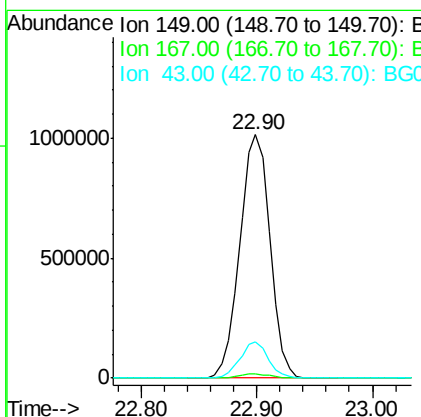
RT: 22.90 min Scan# 3414

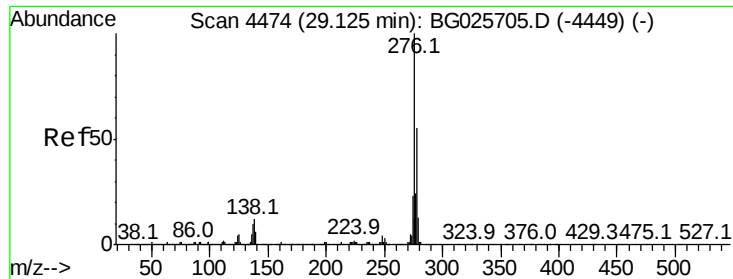
Delta R.T. 0.00 min

Lab File: BG025717.D

Acq: 30 Jan 2017 23:08

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.2
43	13.8	11.8	17.6





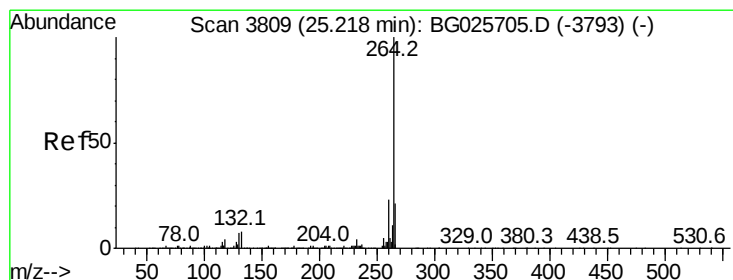
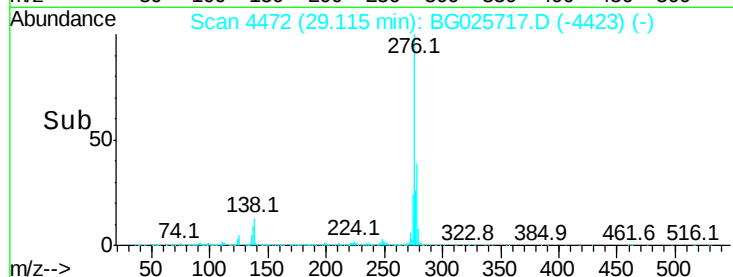
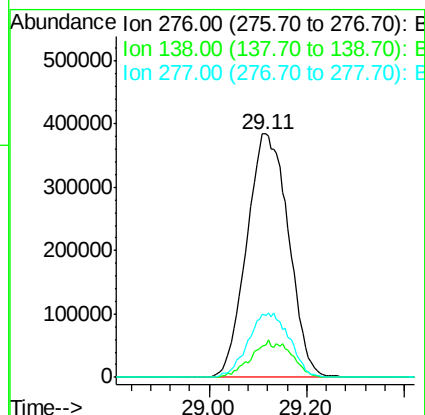
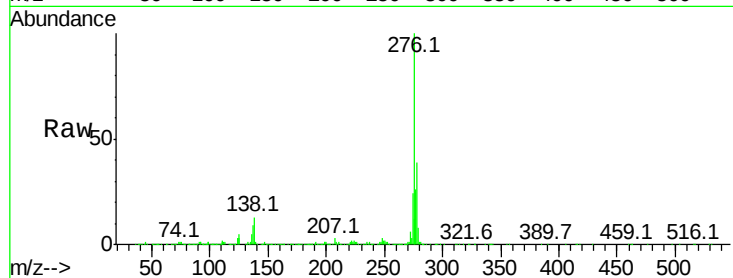
#85
Indeno(1,2,3-cd)pyrene
Concen: 50.89 ng
RT: 29.11 min Scan# 4472
Delta R.T. -0.01 min
Lab File: BG025717.D
Acq: 30 Jan 2017 23:08

Instrument :
BNA_G
ClientSampleId :
8270SPK

Tot Ion	Ratio	Lower	Upper
276	100		
138	8.3	4.7	7.1#
277	26.2	20.6	31.0

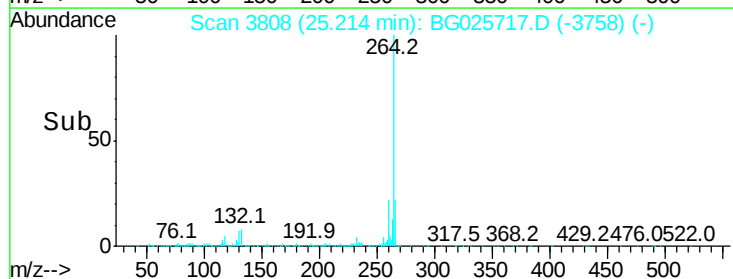
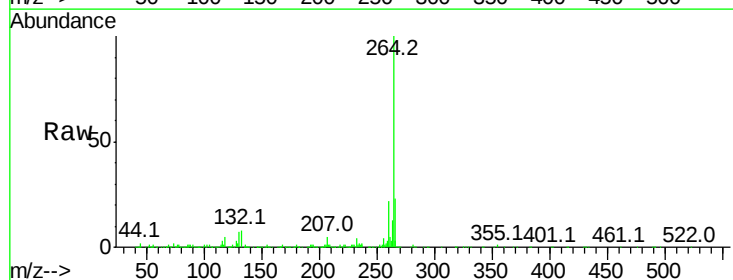
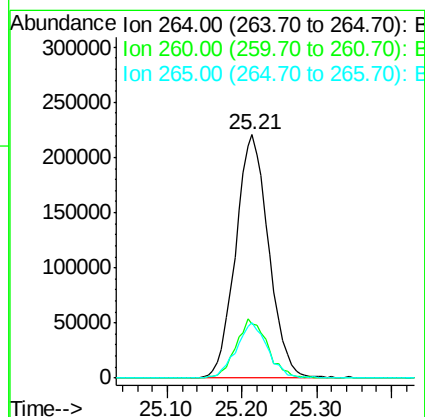
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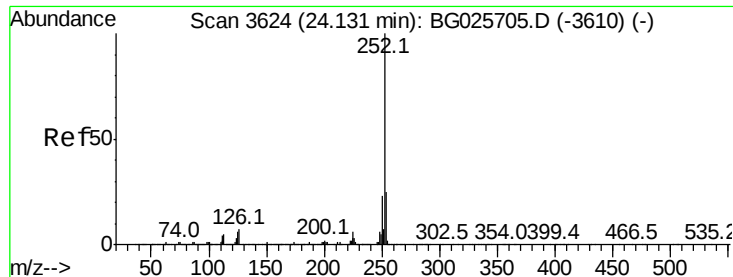
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#86
Perylene-d12
Concen: 20.00 ng
RT: 25.21 min Scan# 3808
Delta R.T. -0.00 min
Lab File: BG025717.D
Acq: 30 Jan 2017 23:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.5	21.8	32.8
265	22.7	18.2	27.4





#87

Benzo(b)fluoranthene

Concen: 50.42 ng

RT: 24.13 min Scan# 3624

Delta R.T. 0.00 min

Lab File: BG025717.D

Acq: 30 Jan 2017 23:08

Instrument :

BNA_G

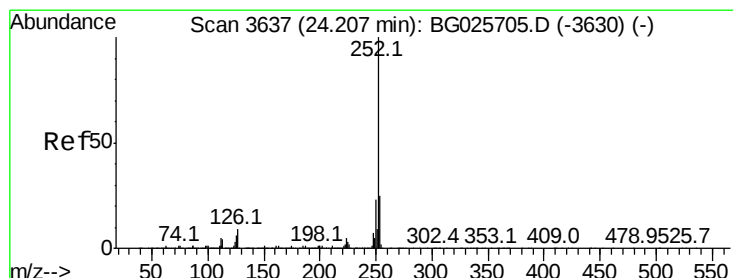
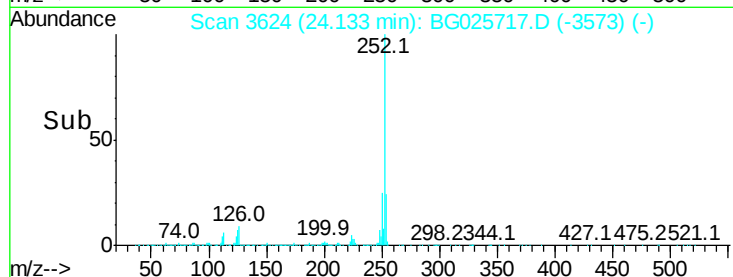
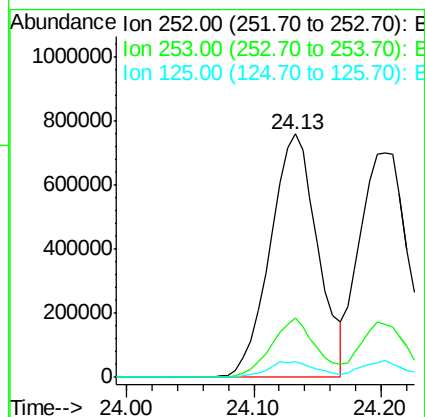
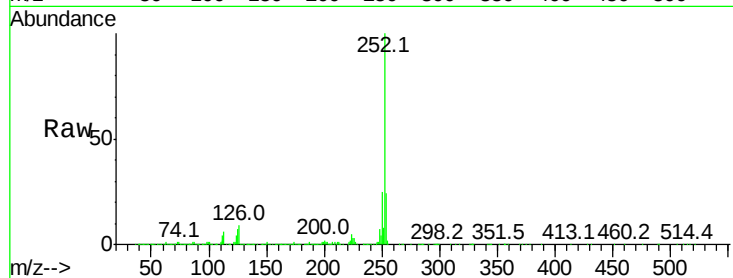
ClientSampleId :

8270SPK

Tot Ion:	252	Resp:	1972887
Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.7	28.1
125	6.6	5.3	7.9

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#88

Benzo(k)fluoranthene

Concen: 48.04 ng

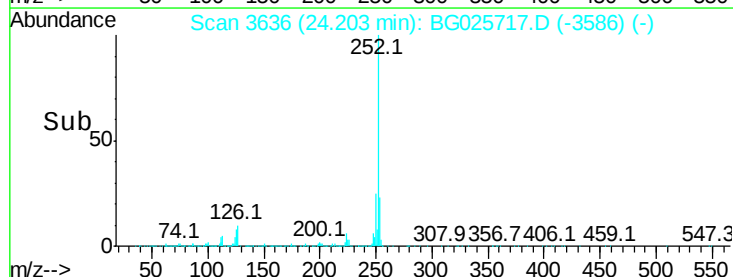
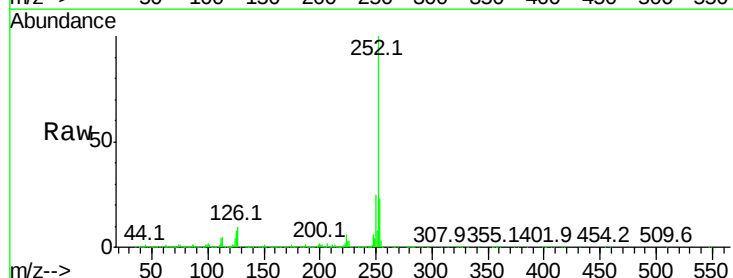
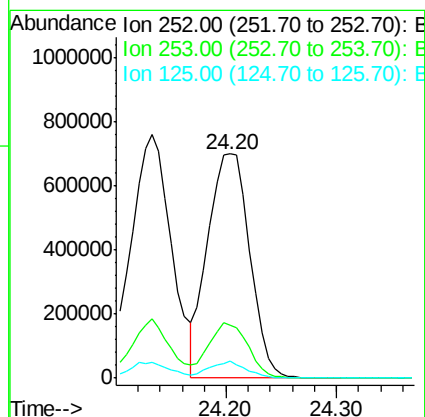
RT: 24.20 min Scan# 3636

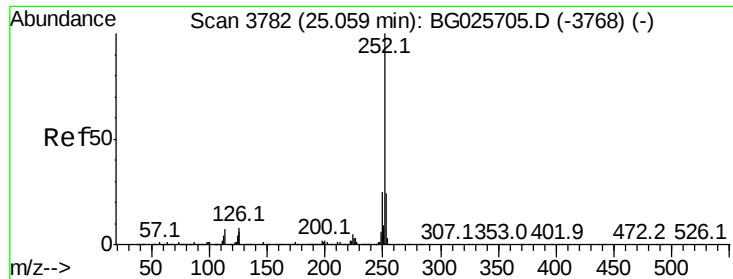
Delta R.T. -0.00 min

Lab File: BG025717.D

Acq: 30 Jan 2017 23:08

Tgt Ion:	252	Resp:	1839611
Ion	Ratio	Lower	Upper
252	100		
253	23.3	20.2	30.2
125	7.6	5.1	7.7





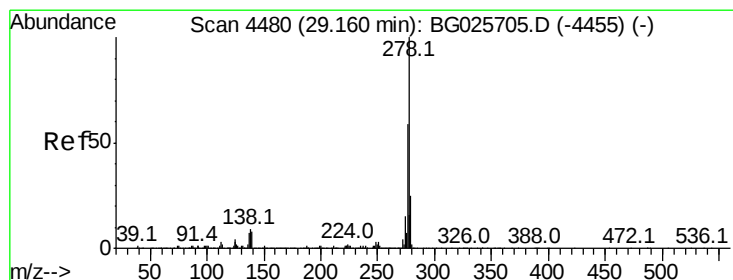
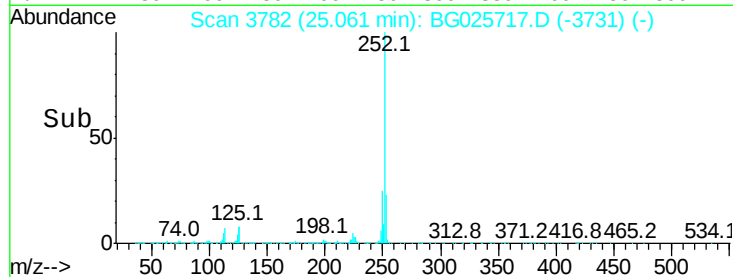
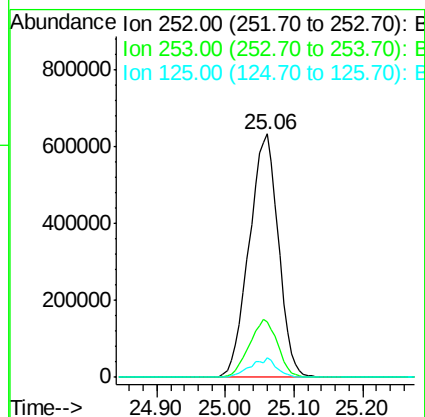
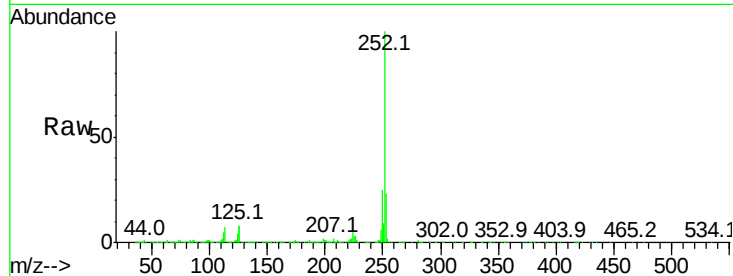
#89
Benzo(a)pyrene
Concen: 50.47 ng
RT: 25.06 min Scan# 3782
Delta R.T. 0.00 min
Lab File: BG025717.D
Acq: 30 Jan 2017 23:08

Instrument :
BNA_G
ClientSampleId :
8270SPK

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	19.2	28.8
125	7.8	5.4	8.0

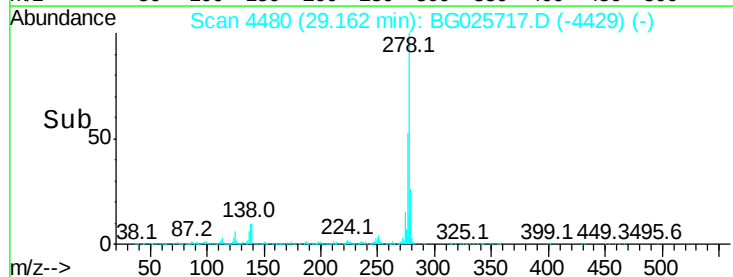
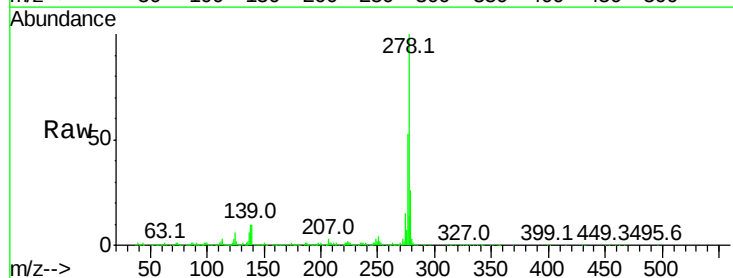
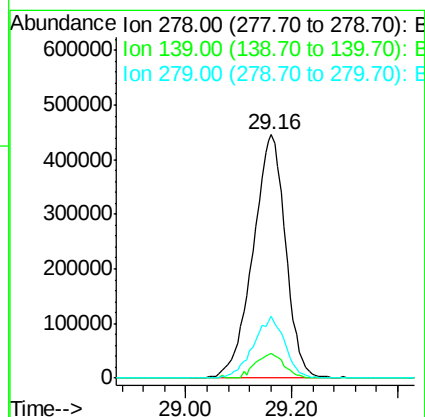
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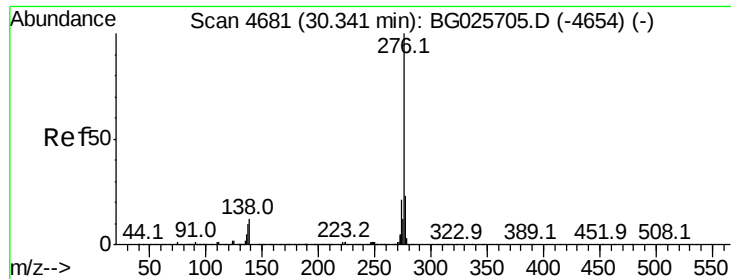
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#90
Dibenzo(a,h)anthracene
Concen: 49.43 ng
RT: 29.16 min Scan# 4480
Delta R.T. 0.00 min
Lab File: BG025717.D
Acq: 30 Jan 2017 23:08

Tgt Ion	Ratio	Lower	Upper
278	100		
139	10.3	7.7	11.5
279	25.6	19.1	28.7





#91
 Benzo(a,h,i)perylene
 Concen: 49.32 ng
 RT: 30.34 min Scan# 4681
 Delta R.T. 0.00 min
 Lab File: BG025717.D
 Acq: 30 Jan 2017 23:08

Instrument :
 BNA_G
 ClientSampleId :
 8270SPK

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.6	27.8
138	12.9	8.1	12.1

Manual Integrations
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