

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073018\
 Data File : BG035981.D
 Acq On : 30 Jul 2018 18:16
 Operator : JU/SJ
 Sample : PB111568BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111568BS

Manual Integrations
 APPROVED

Sohil
 7/31/2018 12:20:47 PM

Quant Time: Jul 31 01:49:43 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 25 11:04:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	32238	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	123176	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	92034	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	267708	20.00	ng	0.00
75) Chrysene-d12	21.66	240	286657	20.00	ng	0.00
86) Perylene-d12	24.85	264	275040	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	166307	85.65	ng	0.00
7) Phenol-d6	7.19	99	243564	84.07	ng	0.00
23) Nitrobenzene-d5	9.19	82	238633	80.93	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	118742	97.89	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	580635	84.52	ng	0.00
78) Terphenyl-d14	19.99	244	1042231	80.14	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	28719	29.059	ng	# 70
3) Pyridine	3.91	79	78818	30.549	ng	# 72
4) n-Nitrosodimethylamine	3.82	42	35996	32.493	ng	# 83
6) Aniline	7.35	93	69325	18.462	ng	90
8) 2-Chlorophenol	7.59	128	87004	44.055	ng	98
9) Benzaldehyde	7.16	77	58695	33.019	ng	98
10) Phenol	7.22	94	128584	43.931	ng	93
11) bis(2-Chloroethyl)ether	7.44	93	83897	36.601	ng	92
12) 1,3-Dichlorobenzene	7.91	146	93932	39.387	ng	# 89
13) 1,4-Dichlorobenzene	8.06	146	95495	39.410	ng	98
14) 1,2-Dichlorobenzene	8.37	146	92544	39.756	ng	90
15) Benzyl Alcohol	8.26	79	101232	38.479	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.55	45	96788	50.365	ng	72
17) 2-Methylphenol	8.47	107	86828	43.632	ng	93
18) Hexachloroethane	9.10	117	36203	39.075	ng	92
19) n-Nitroso-di-n-propylamine	8.82	70	81790	33.526	ng	# 81
20) 3+4-Methylphenols	8.79	107	116839	42.322	ng	93
22) Acetophenone	8.84	105	148533	38.777	ng	# 92
24) Nitrobenzene	9.23	77	124260	41.904	ng	# 93
25) Isophorone	9.74	82	236899	43.281	ng	99
26) 2-Nitrophenol	9.94	139	51203	48.619	ng	# 91
27) 2,4-Dimethylphenol	10.00	122	94208	52.846	ng	84
28) bis(2-Chloroethoxy)methane	10.23	93	123959	41.099	ng	100
29) 2,4-Dichlorophenol	10.48	162	107621	52.886	ng	95
30) 1,2,4-Trichlorobenzene	10.69	180	109491	43.878	ng	95
31) Naphthalene	10.88	128	274188	42.733	ng	99
32) Benzoic acid	10.17	122	28930m	24.106	ng	
33) 4-Chloroaniline	10.99	127	25957	9.282	ng	95
34) Hexachlorobutadiene	11.15	225	83570	42.949	ng	98
35) Caprolactam	11.76	113	36831m	42.175	ng	
36) 4-Chloro-3-methylphenol	12.11	107	127871	46.879	ng	92
37) 2-Methylnaphthalene	12.48	142	217046	45.404	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	151004	43.471	ng	99
40) Hexachlorocyclopentadiene	12.82	237	170709	93.706	ng	93

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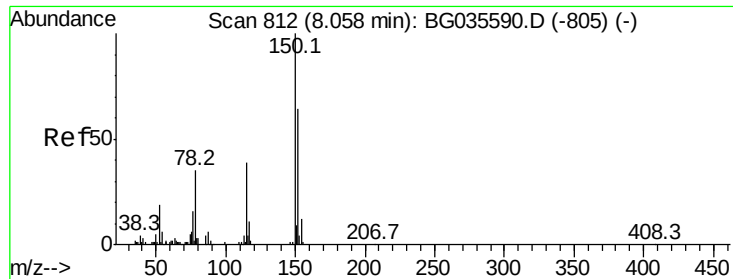
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 25 11:04:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	94494	46.516	nq	99
43) 2,4,5-Trichlorophenol	13.16	196	107066	47.113	nq	97
45) 1,1'-Biphenyl	13.48	154	307499	43.095	nq	98
46) 2-Chloronaphthalene	13.53	162	243483	43.869	nq	100
47) 2-Nitroaniline	13.73	65	88491	45.099	nq	97
48) Acenaphthylene	14.37	152	410685	44.173	nq	98
49) Dimethylphthalate	14.10	163	348480	43.217	nq	98
50) 2,6-Dinitrotoluene	14.22	165	80486	49.016	nq	91
51) Acenaphthene	14.71	154	240350	41.500	nq	97
52) 3-Nitroaniline	14.56	138	29431	17.536	nq #	80
53) 2,4-Dinitrophenol	14.77	184	55891	67.326	nq #	67
54) Dibenzofuran	15.04	168	410228	44.538	nq	94
55) 4-Nitrophenol	14.87	139	112707	94.299	nq #	87
56) 2,4-Dinitrotoluene	15.01	165	120943	51.340	nq #	85
57) Fluorene	15.69	166	347891	45.064	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.28	232	110881	50.888	nq #	92
59) Diethylphthalate	15.46	149	359568	43.366	nq	98
60) 4-Chlorophenyl-phenylether	15.68	204	201505	44.410	nq	97
61) 4-Nitroaniline	15.72	138	80269	45.723	nq #	83
62) Azobenzene	15.98	77	358274	43.807	nq	95
64) 4,6-Dinitro-2-methylphenol	15.78	198	66608	44.696	nq	84
65) n-Nitrosodiphenylamine	15.90	169	314906	41.326	nq	96
66) 4-Bromophenyl-phenylether	16.58	248	137427	44.248	nq	92
67) Hexachlorobenzene	16.70	284	142333	44.501	nq	96
68) Atrazine	16.85	200	147230	46.928	nq	96
69) Pentachlorophenol	17.05	266	128359	65.887	nq	94
70) Phenanthrene	17.43	178	590489	44.204	nq	97
71) Anthracene	17.53	178	616001	46.312	nq	97
72) Carbazole	17.79	167	556273	44.038	nq	98
73) Di-n-butylphthalate	18.34	149	642228	43.024	nq #	97
74) Fluoranthene	19.44	202	794933	44.179	nq	96
76) Benzidine	19.62	184	195925	25.998	nq	97
77) Pyrene	19.80	202	797564	44.002	nq	97
79) Butylbenzylphthalate	20.68	149	289630	44.684	nq #	96
80) Benzo(a)anthracene	21.63	228	795377	44.525	nq	99
81) 3,3'-Dichlorobenzidine	21.55	252	147800	23.729	nq #	98
82) Chrysene	21.70	228	741786	44.811	nq	98
83) Bis(2-ethylhexyl)phthalate	21.53	149	404620	45.917	nq #	98
84) Di-n-octyl phthalate	22.73	149	688735	46.679	nq #	93
85) Indeno(1,2,3-cd)pyrene	28.49	276	837560	45.700	nq #	86
87) Benzo(b)fluoranthene	23.84	252	765756	45.807	nq #	97
88) Benzo(k)fluoranthene	23.91	252	728452	44.573	nq #	97
89) Benzo(a)pyrene	24.70	252	738759	47.502	nq #	96
90) Dibenzo(a,h)anthracene	28.55	278	695238	45.535	nq #	97
91) Benzo(g,h,i)perylene	29.64	276	702741	47.036	nq #	94

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



#1

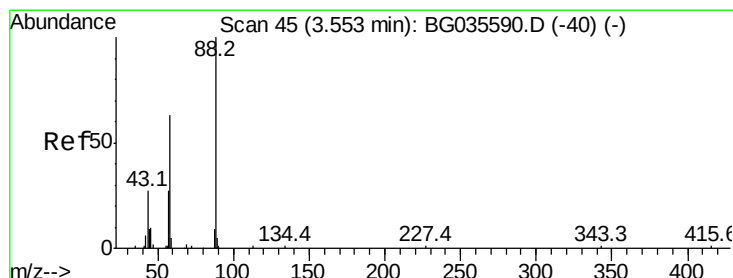
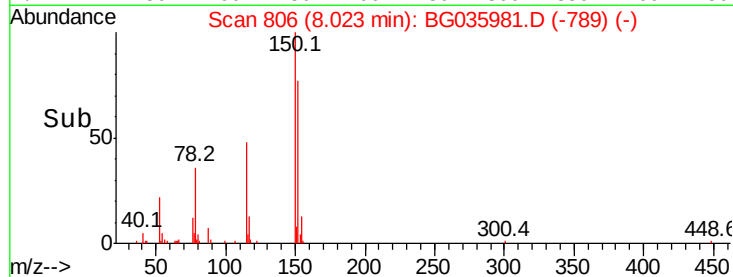
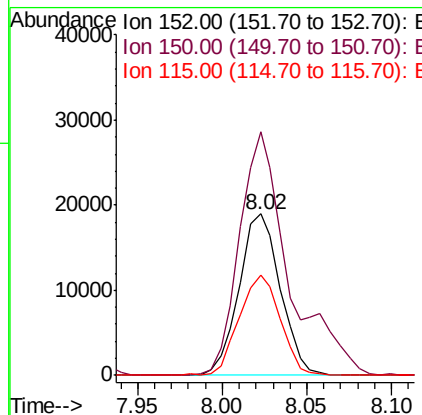
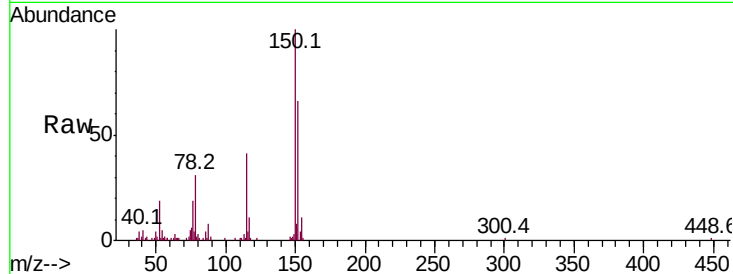
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG035981.D
Acq: 30 Jul 2018 18:16

Instrument :
BNA_G
ClientSampleId :
PB111568BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.8	126.6	189.8
115	61.9	53.0	79.4

Manual Integrations
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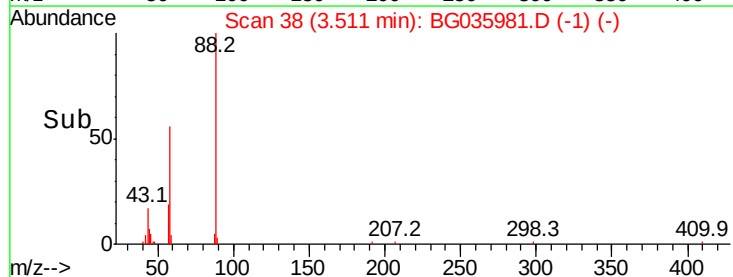
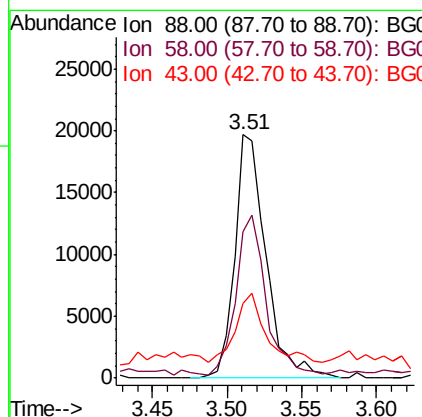
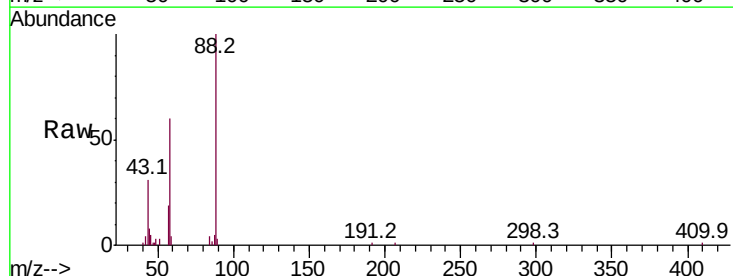
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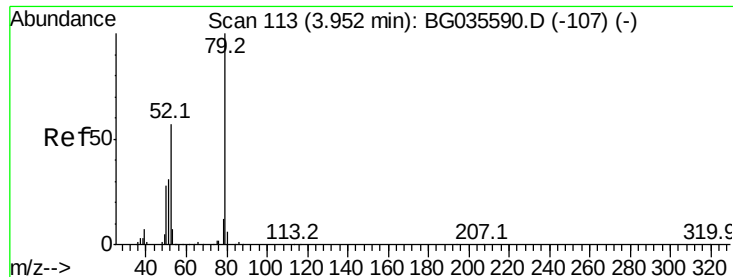


#2

1,4-Dioxane
Concen: 29.059 ng
RT: 3.51 min Scan# 38
Delta R.T. -0.01 min
Lab File: BG035981.D
Acq: 30 Jul 2018 18:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.3	79.6	119.4#
43	27.8	27.4	41.0





#3

Pvridine

Concen: 30.549 ng

RT: 3.91 min Scan# 106

Delta R.T. -0.01 min

Lab File: BG035981.D

Acq: 30 Jul 2018 18:16

Instrument :

BNA_G

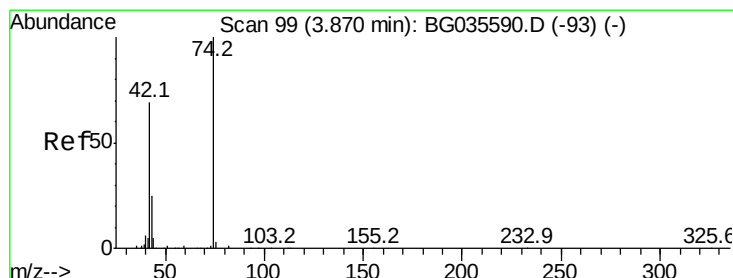
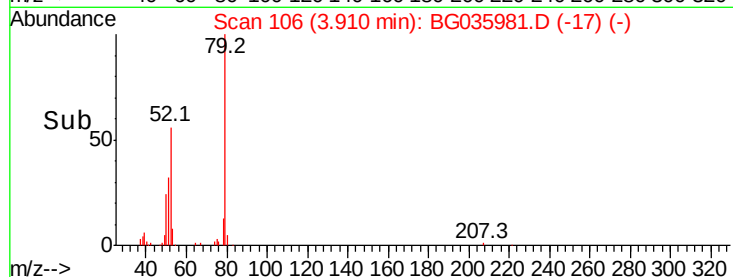
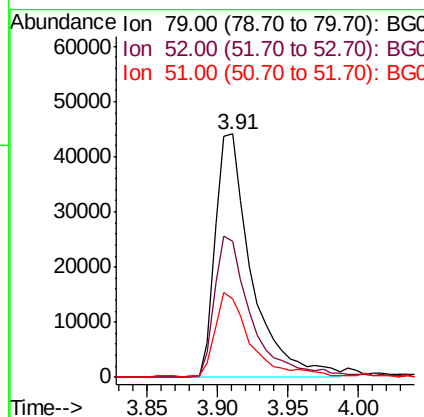
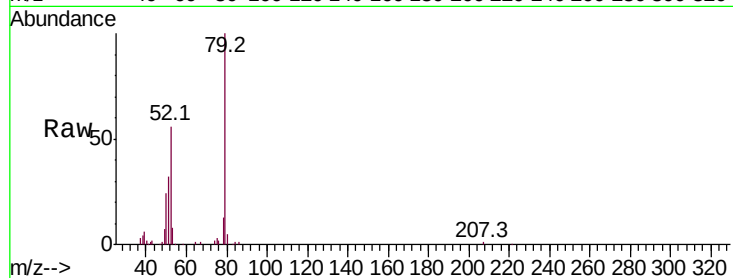
ClientSampleId :

PB111568BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	55.9	69.9	104.9#
51	32.5	34.0	51.0#

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#4

n-Nitrosodimethylamine

Concen: 32.493 ng

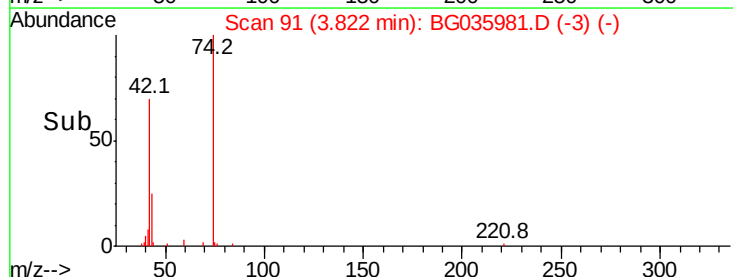
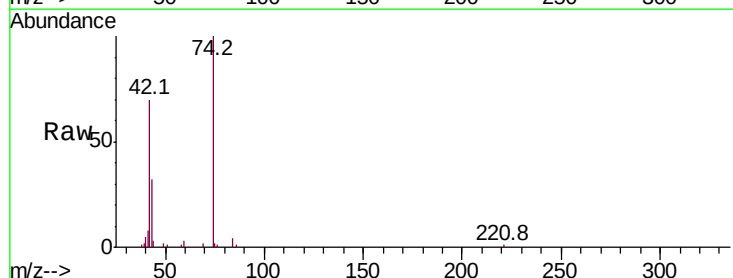
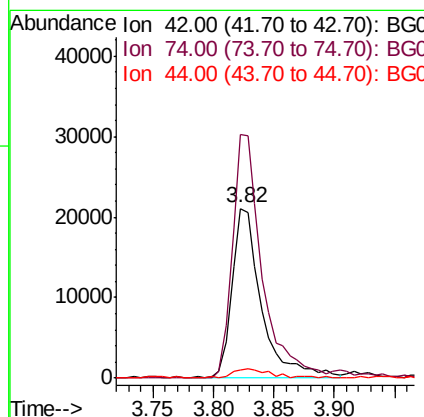
RT: 3.82 min Scan# 91

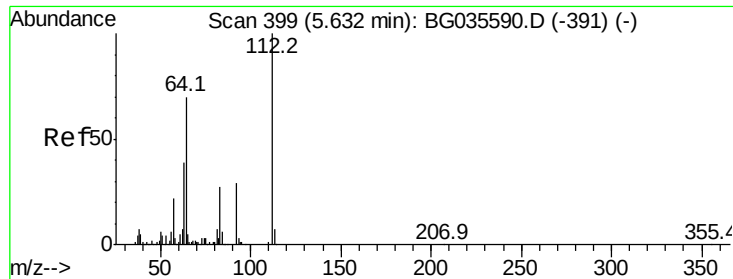
Delta R.T. -0.01 min

Lab File: BG035981.D

Acq: 30 Jul 2018 18:16

Tgt Ion	Ratio	Lower	Upper
42	100		
74	143.4	102.5	153.7
44	4.7	18.9	28.3#





#5

2-Fluorophenol

Concen: 85.647 ng

RT: 5.60 min Scan# 394

Delta R.T. -0.00 min

Lab File: BG035981.D

Acq: 30 Jul 2018 18:16

Instrument :

BNA_G

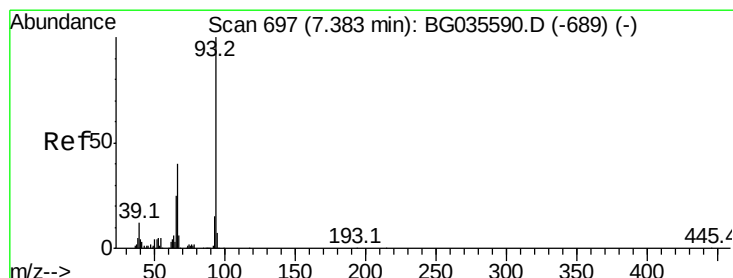
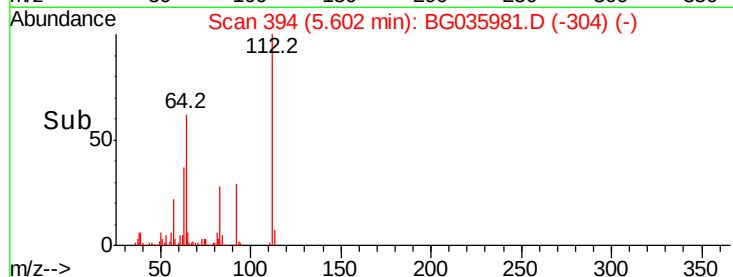
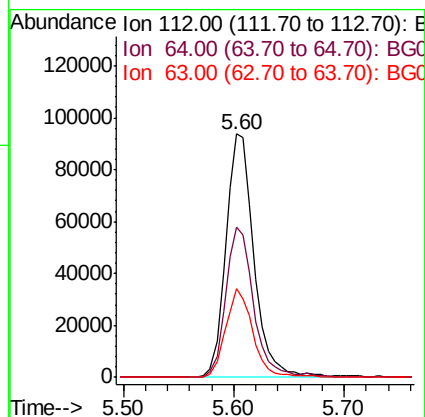
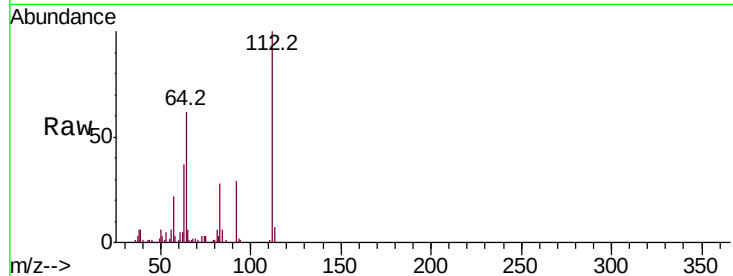
ClientSampleId :

PB111568BS

Tot Ion:	112	Resp:	166307
Ion Ratio	Lower	Upper	
112	100		
64	61.8	56.3	84.5
63	36.5	30.1	45.1

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#6

Aniline

Concen: 18.462 ng

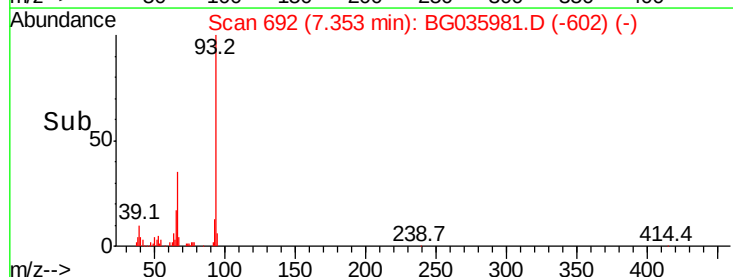
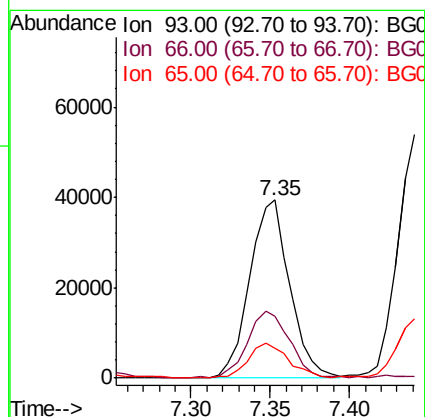
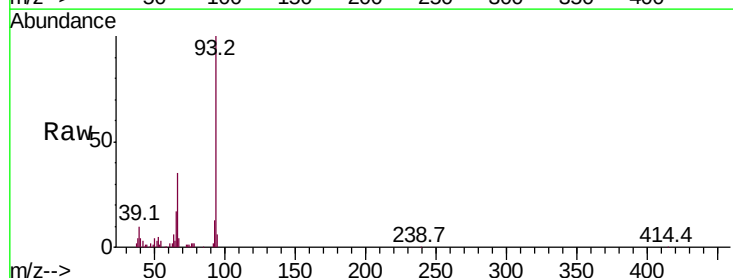
RT: 7.35 min Scan# 692

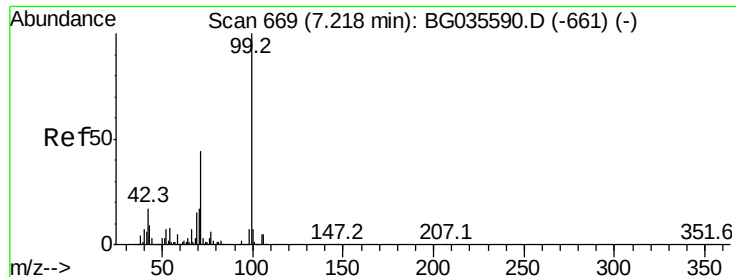
Delta R.T. -0.00 min

Lab File: BG035981.D

Acq: 30 Jul 2018 18:16

Tgt Ion:	93	Resp:	69325
Ion Ratio	Lower	Upper	
93	100		
66	34.8	33.7	50.5
65	16.5	16.1	24.1





#7

Phenol-d6

Concen: 84.072 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG035981.D

Acq: 30 Jul 2018 18:16

Instrument :

BNA_G

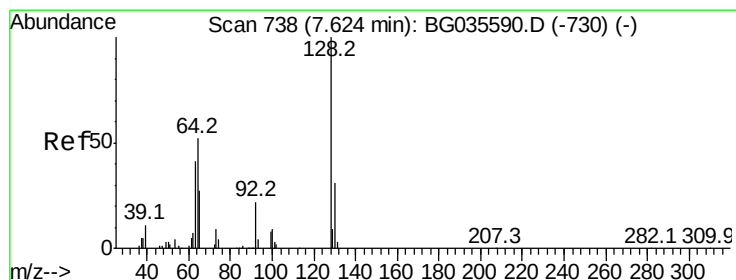
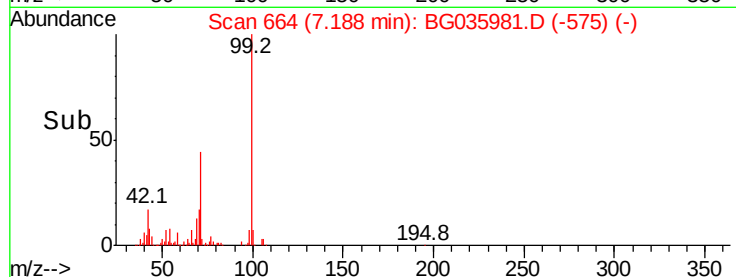
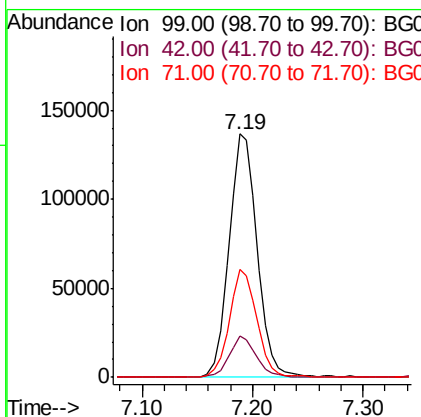
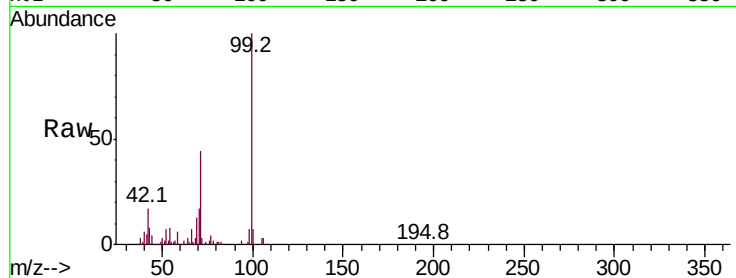
ClientSampleId :

PB111568BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		243564		
42	17.1	14.1	21.1		
71	44.1	26.1	39.1#		

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#8

2-Chlorophenol

Concen: 44.055 ng

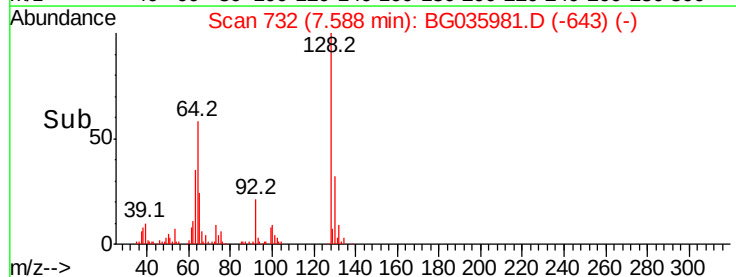
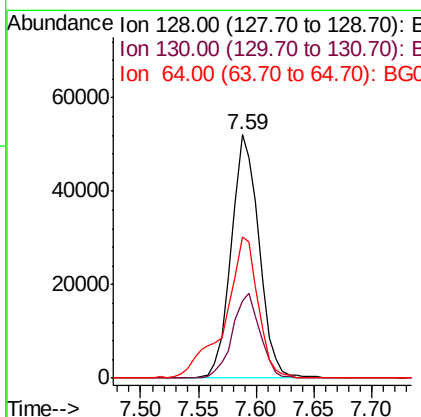
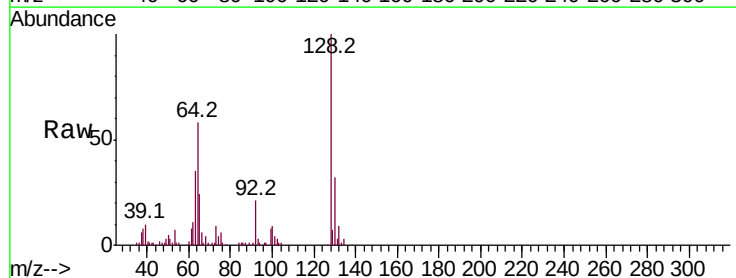
RT: 7.59 min Scan# 732

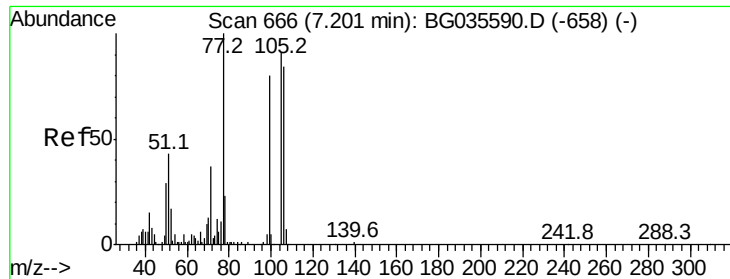
Delta R.T. -0.01 min

Lab File: BG035981.D

Acq: 30 Jul 2018 18:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		87004		
130	31.7	14.0	54.0		
64	58.0	37.7	77.7		





#9

Benzaldehyde

Concen: 33.019 ng

RT: 7.16 min Scan# 660

Delta R.T. -0.00 min

Lab File: BG035981.D

Acq: 30 Jul 2018 18:16

Instrument :

BNA_G

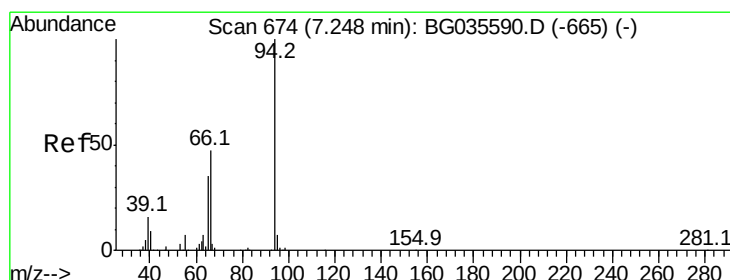
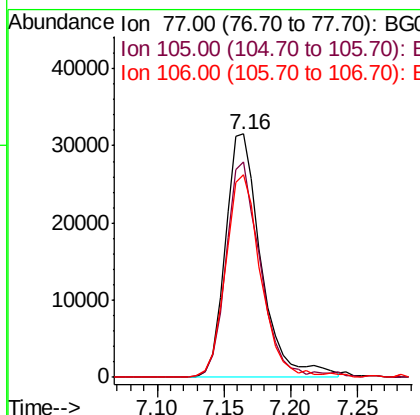
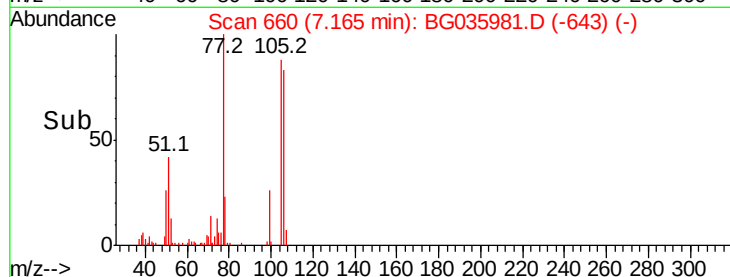
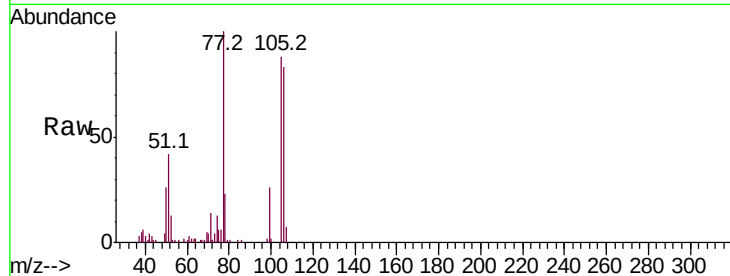
ClientSampleId :

PB111568BS

Tot Ion:	77	Resp:	58695
Ion	Ratio	Lower	Upper
77	100		
105	88.3	71.3	111.3
106	83.3	64.2	104.2

Manual Integrations
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#10

Phenol

Concen: 43.931 ng

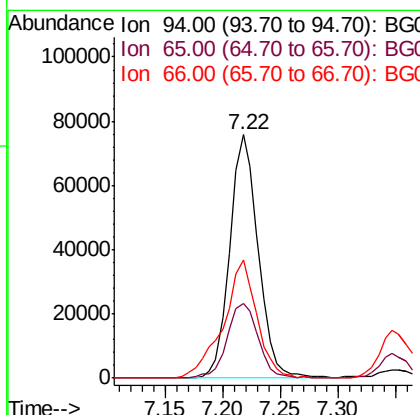
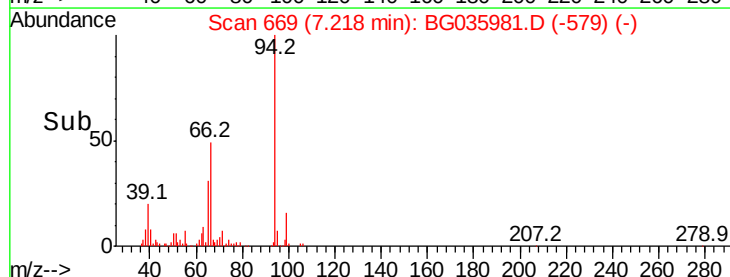
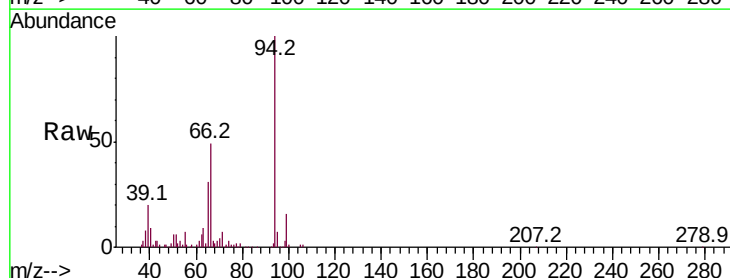
RT: 7.22 min Scan# 669

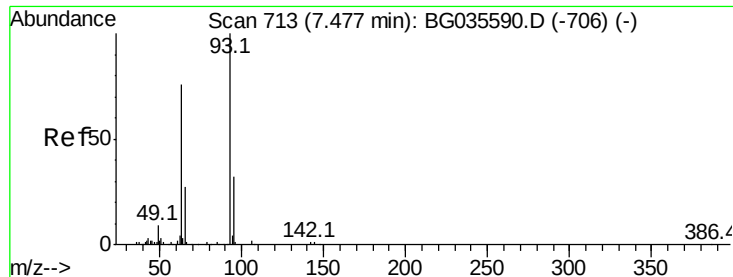
Delta R.T. -0.00 min

Lab File: BG035981.D

Acq: 30 Jul 2018 18:16

Tgt Ion:	94	Resp:	128584
Ion	Ratio	Lower	Upper
94	100		
65	30.6	11.9	51.9
66	48.7	22.2	62.2





#11

bis(2-Chloroethyl)ether

Concen: 36.601 ng

RT: 7.44 min Scan# 707

Delta R.T. -0.01 min

Lab File: BG035981.D

Acq: 30 Jul 2018 18:16

Instrument :

BNA_G

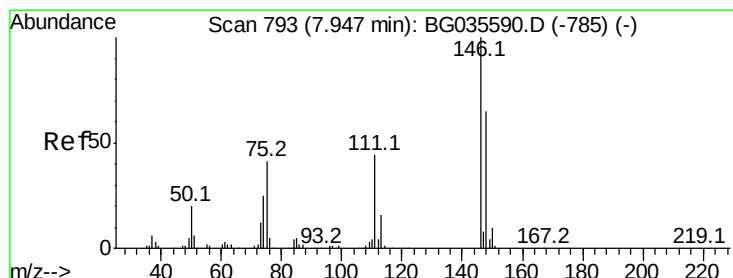
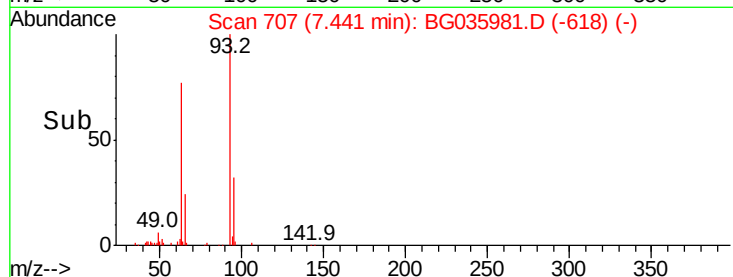
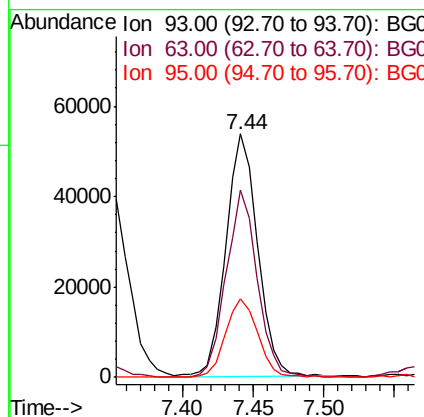
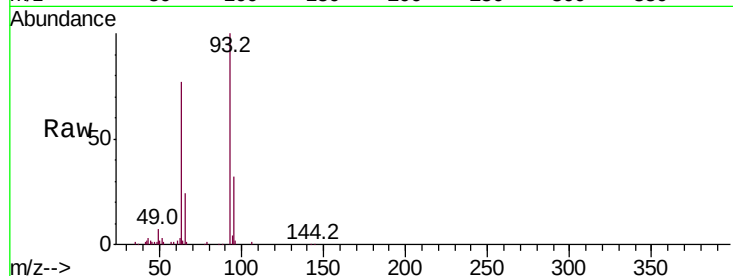
ClientSampleId :

PB111568BS

Tot Ion:	93	Resp:	83897
Ion Ratio	Lower	Upper	
93	100		
63	76.9	67.1	107.1
95	32.0	11.5	51.5

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#12

1,3-Dichlorobenzene

Concen: 39.387 ng

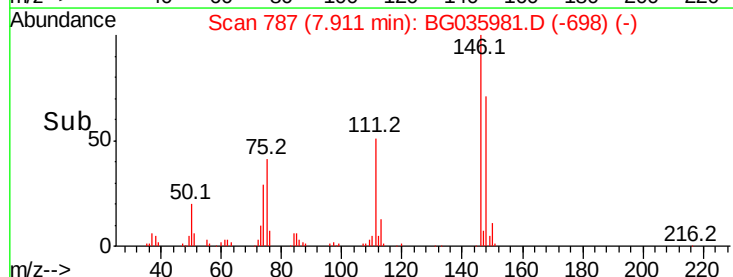
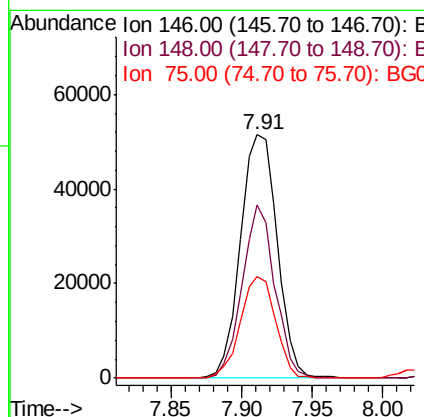
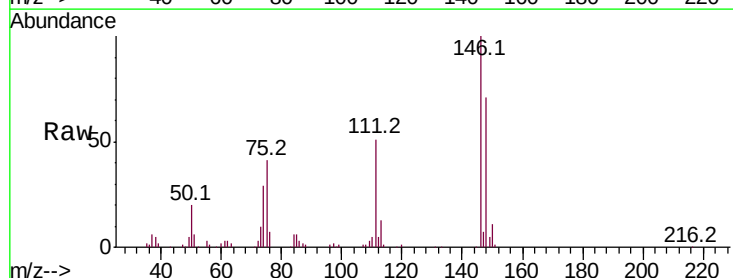
RT: 7.91 min Scan# 787

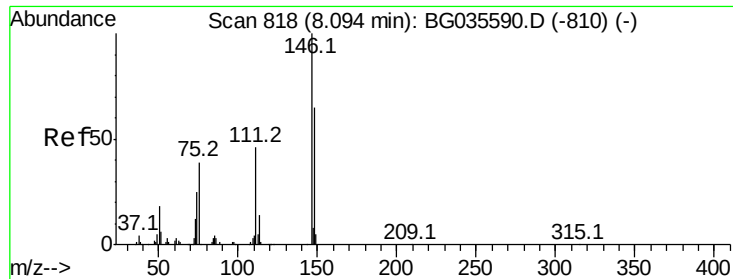
Delta R.T. -0.01 min

Lab File: BG035981.D

Acq: 30 Jul 2018 18:16

Tgt Ion:	146	Resp:	93932
Ion Ratio	Lower	Upper	
146	100		
148	70.9	51.4	77.2
75	41.5	26.6	39.8#





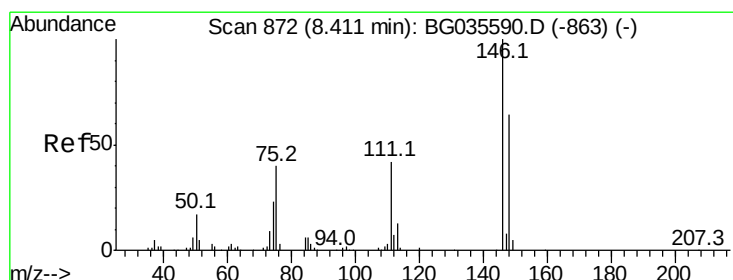
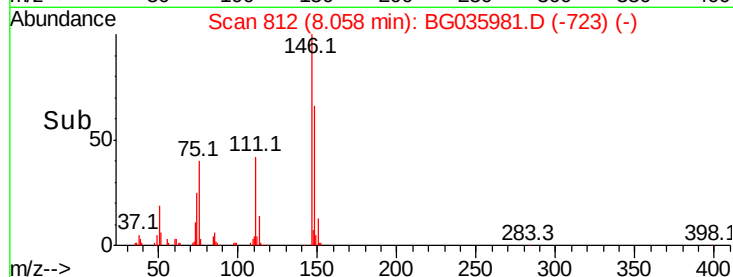
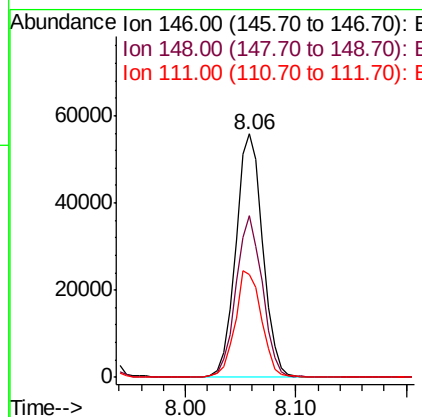
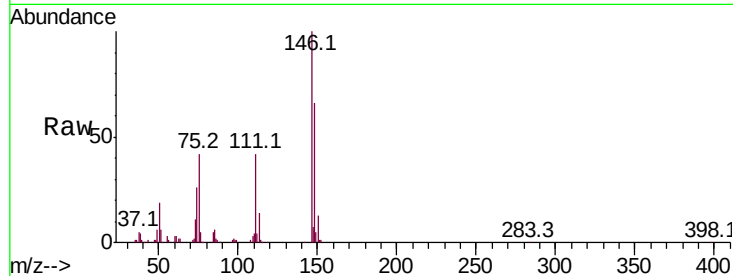
#13
 1,4-Dichlorobenzene
 Concen: 39.410 ng
 RT: 8.06 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BG035981.D
 Acq: 30 Jul 2018 18:16

Instrument :
 BNA_G
 ClientSampleId :
 PB111568BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.2	53.7	80.5
111	42.4	35.2	52.8

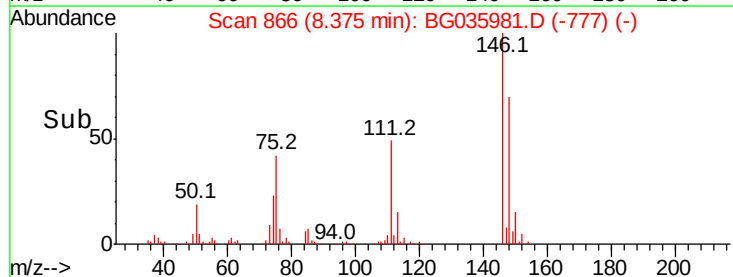
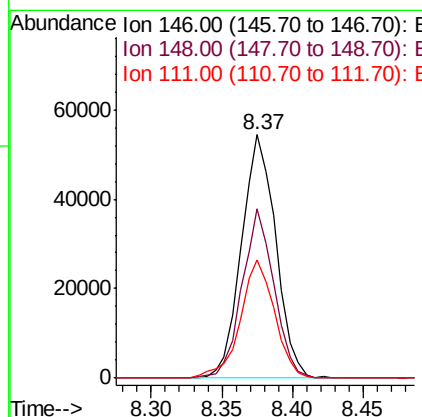
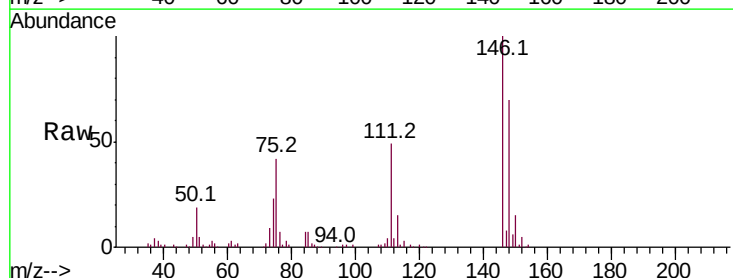
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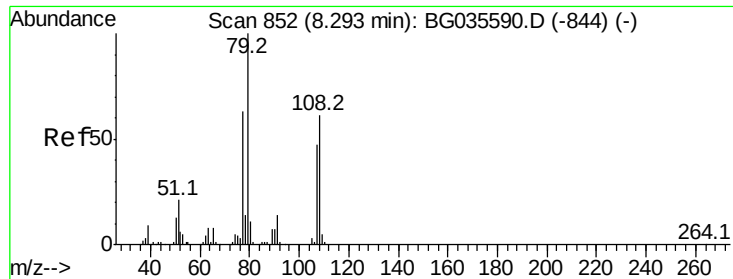
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#14
 1,2-Dichlorobenzene
 Concen: 39.756 ng
 RT: 8.37 min Scan# 866
 Delta R.T. -0.01 min
 Lab File: BG035981.D
 Acq: 30 Jul 2018 18:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	69.7	49.3	73.9
111	48.6	34.3	51.5





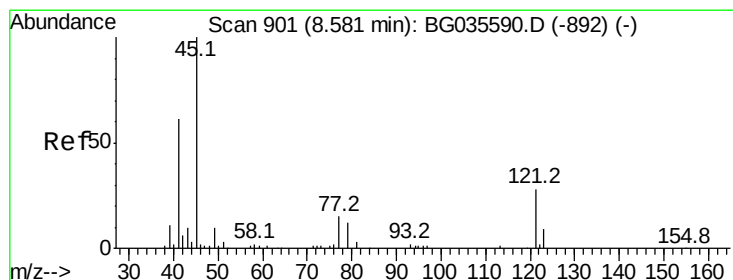
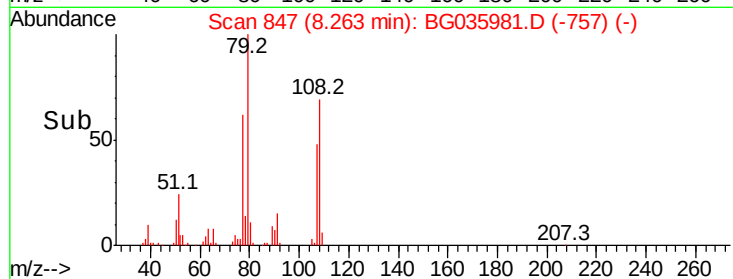
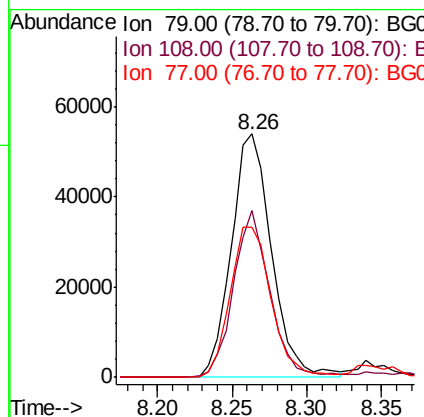
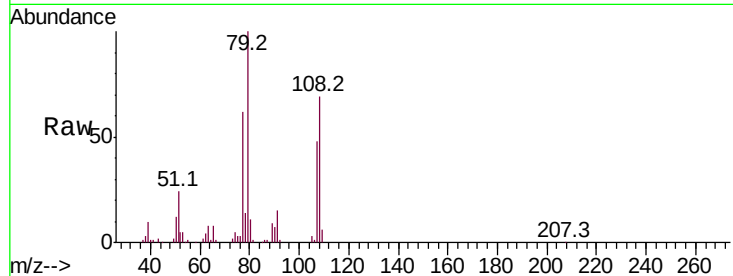
#15
Benzyl Alcohol
Concen: 38.479 ng
RT: 8.26 min Scan# 847
Delta R.T. -0.00 min
Lab File: BG035981.D
Acq: 30 Jul 2018 18:16

Instrument :
BNA_G
ClientSampleId :
PB111568BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	68.5	57.2	85.8
77	61.5	46.1	69.1

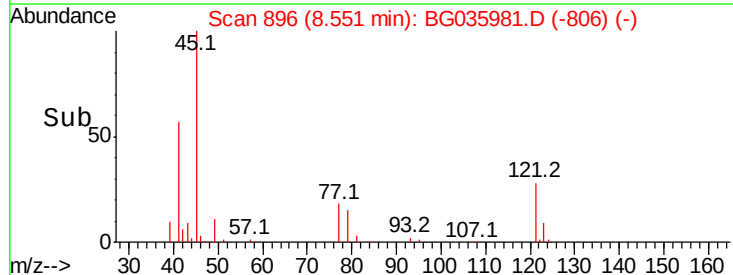
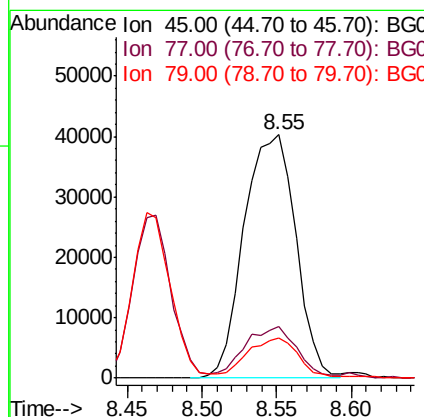
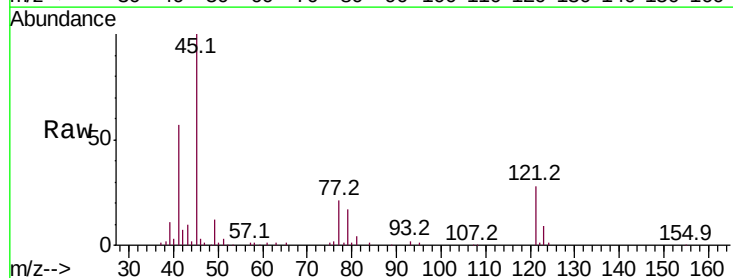
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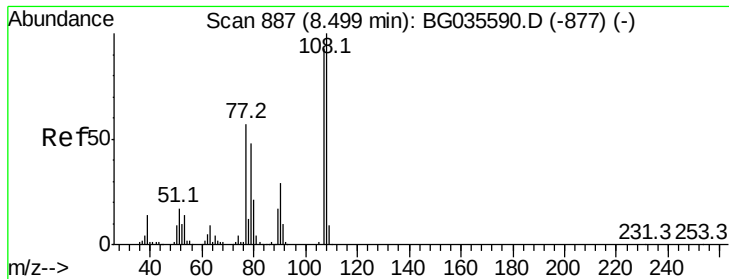
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.365 ng
RT: 8.55 min Scan# 896
Delta R.T. -0.00 min
Lab File: BG035981.D
Acq: 30 Jul 2018 18:16

Tgt Ion	Ratio	Lower	Upper
45	100		
77	21.3	0.0	30.2
79	16.6	0.0	27.9





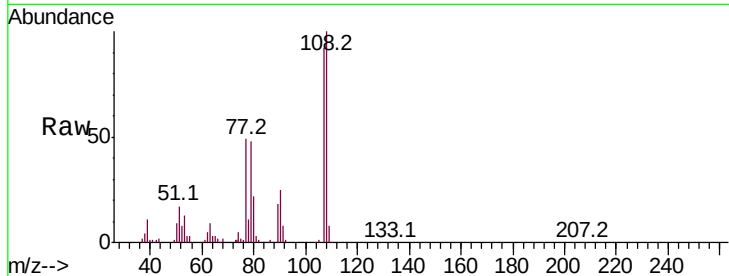
#17
2-Methylphenol
Concen: 43.632 ng
RT: 8.47 min Scan# 882
Delta R.T. -0.00 min
Lab File: BG035981.D
Acq: 30 Jul 2018 18:16

Instrument :
BNA_G
ClientSampleId :
PB111568BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.3	83.9	125.9	
77	53.5	37.2	55.8	
79	52.7	36.2	54.2	

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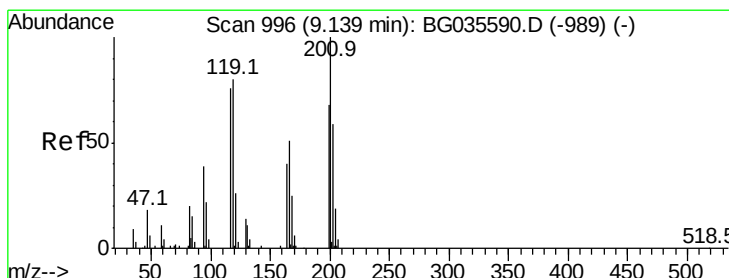
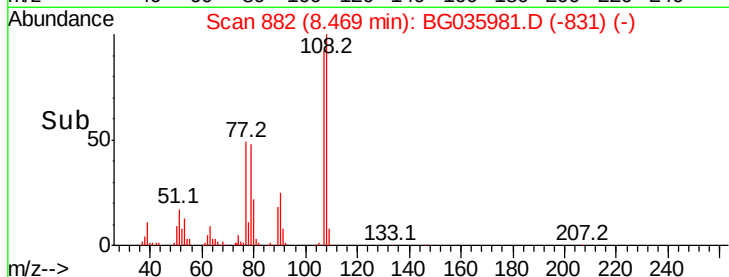
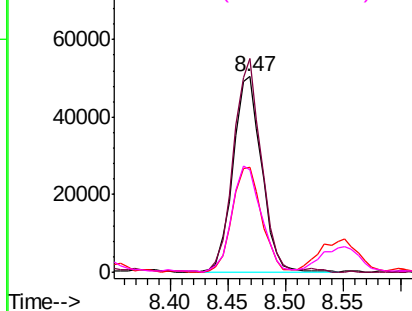
Abundance

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: 39.075 ng
RT: 9.10 min Scan# 990
Delta R.T. -0.00 min
Lab File: BG035981.D
Acq: 30 Jul 2018 18:16

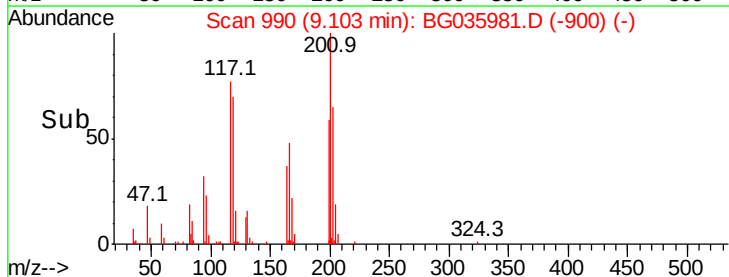
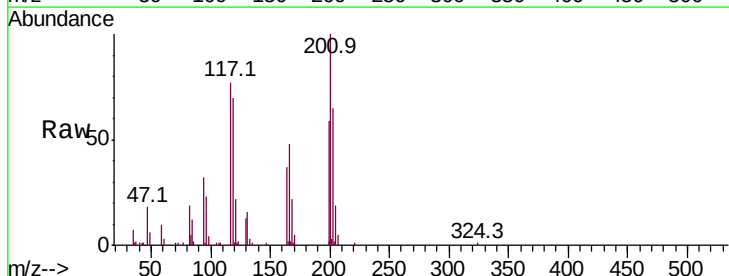
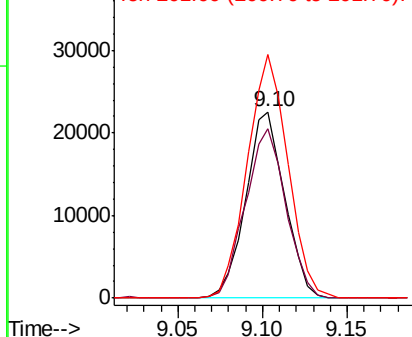
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	91.2	76.7	115.1	
201	130.7	95.7	143.5	

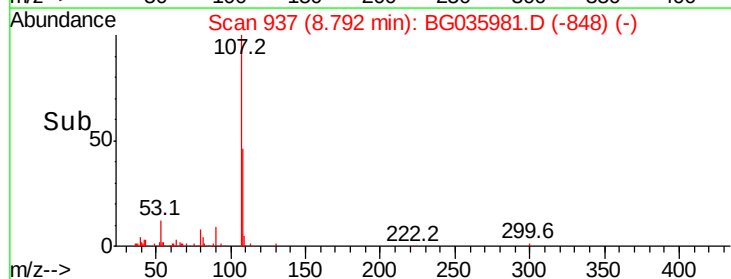
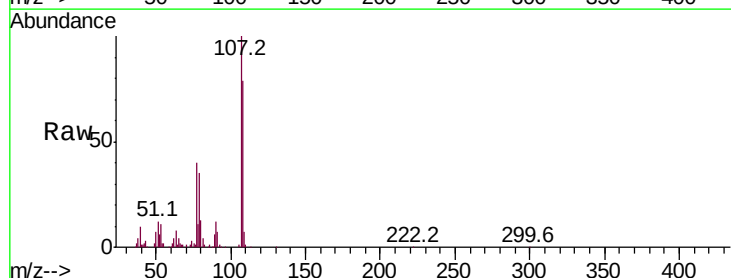
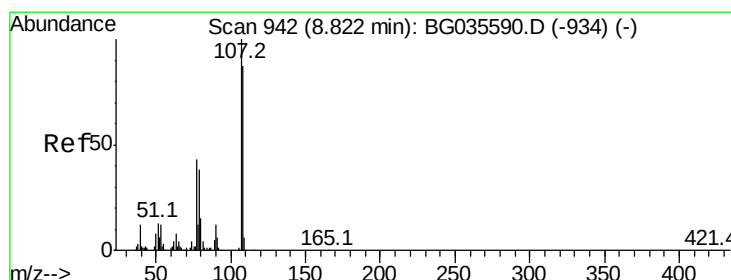
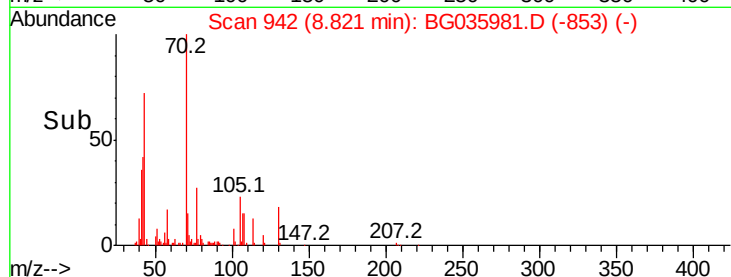
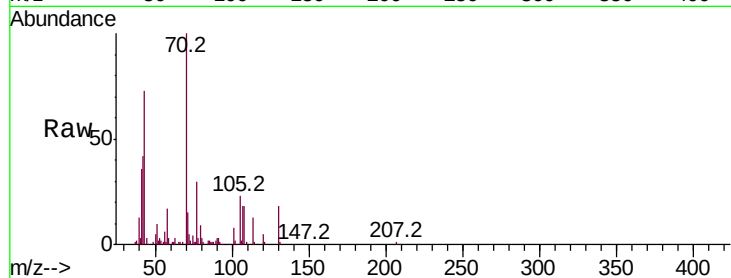
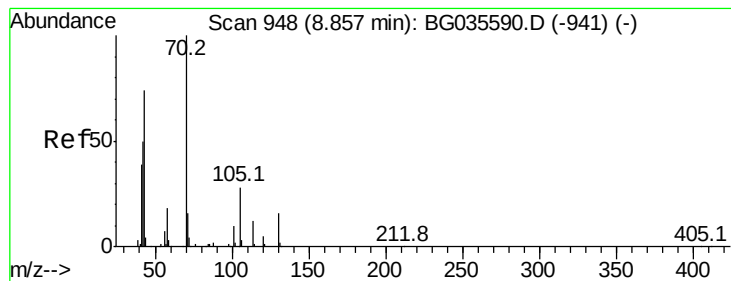
Abundance

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: 33.526 ng

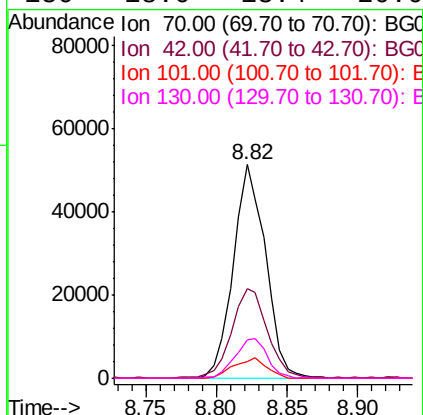
RT: 8.82 min Scan# 942

Delta R.T. -0.01 min

Lab File: BG035981.D

Acq: 30 Jul 2018 18:16

Tot Ion	Ratio	Lower	Upper
70	100		
42	42.2	49.1	73.7#
101	8.0	8.5	12.7#
130	18.0	13.4	20.0



Instrument :

BNA_G

ClientSampleId :

PB111568BS

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#20

3+4-Methylphenols

Concen: 42.322 ng

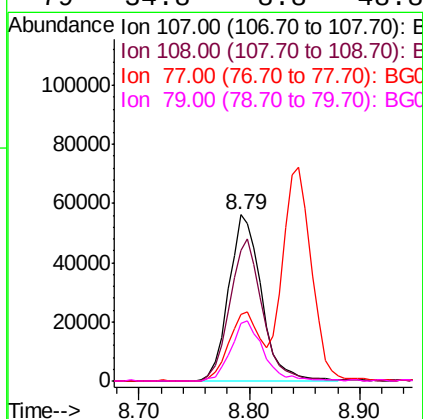
RT: 8.79 min Scan# 937

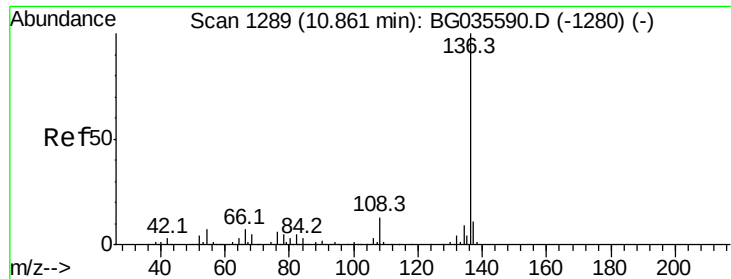
Delta R.T. -0.01 min

Lab File: BG035981.D

Acq: 30 Jul 2018 18:16

Tgt Ion	Ratio	Lower	Upper
107	100		
108	78.7	61.6	101.6
77	40.0	13.9	53.9
79	34.8	8.8	48.8





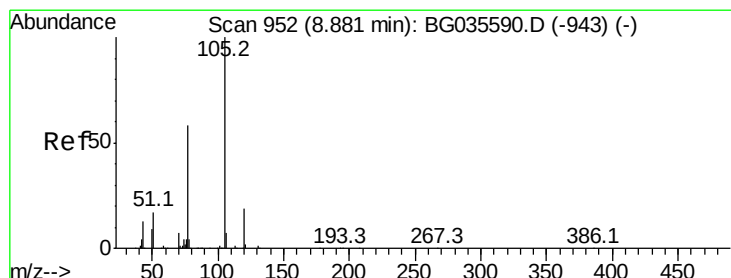
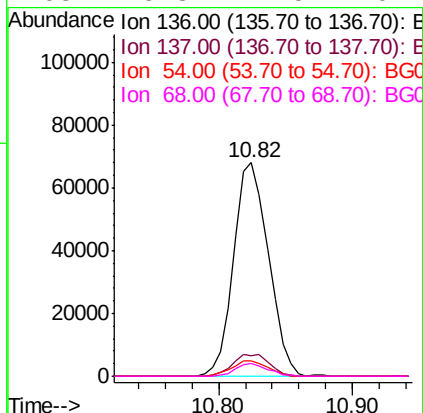
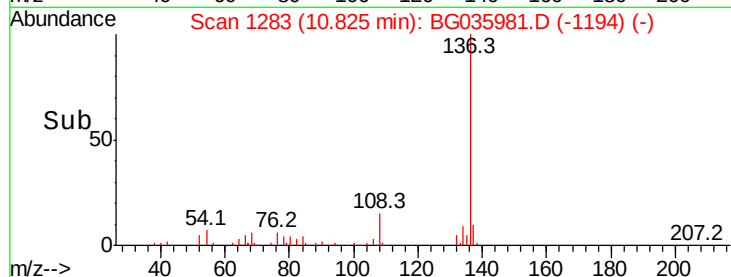
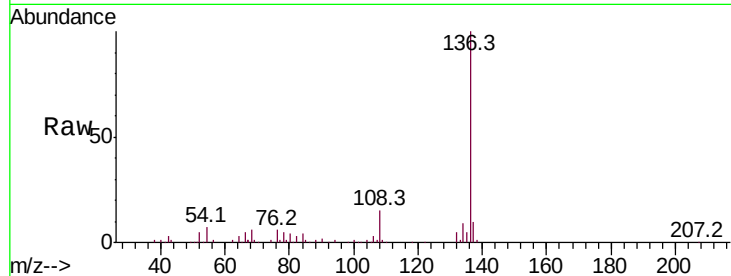
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BG035981.D
Acq: 30 Jul 2018 18:16

Instrument :
BNA_G
ClientSampleId :
PB111568BS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	9.6	9.2	13.8
54	7.3	10.3	15.5#
68	5.8	4.5	6.7

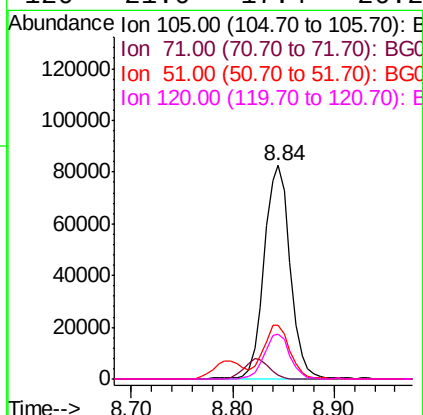
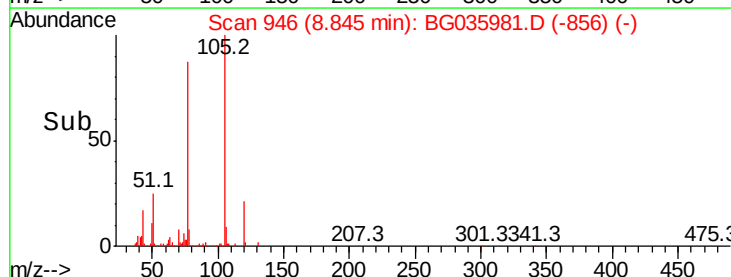
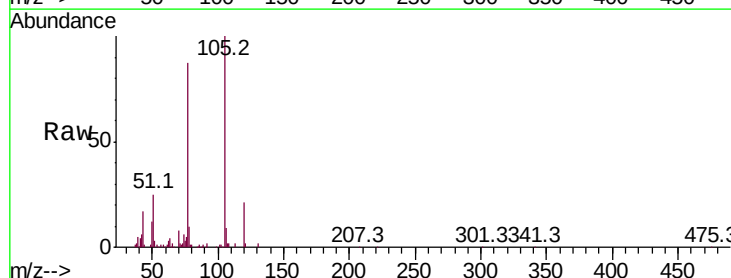
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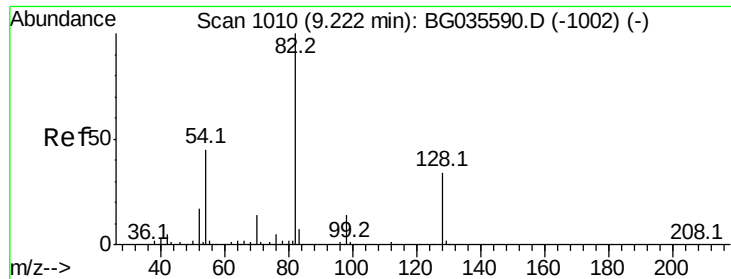
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#22
Acetophenone
Concen: 38.777 ng
RT: 8.84 min Scan# 946
Delta R.T. -0.00 min
Lab File: BG035981.D
Acq: 30 Jul 2018 18:16

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	1.6	3.0	4.4#
51	25.4	26.1	39.1#
120	21.0	17.4	26.2





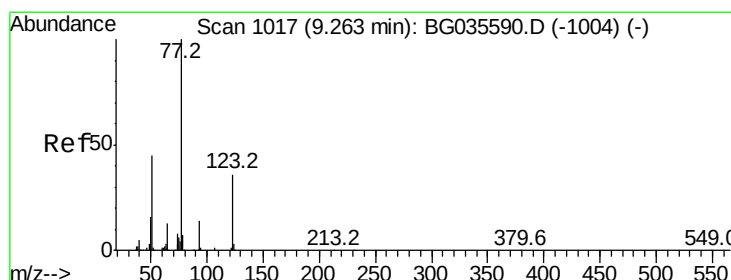
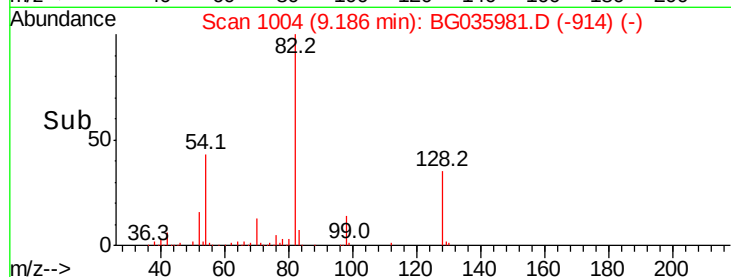
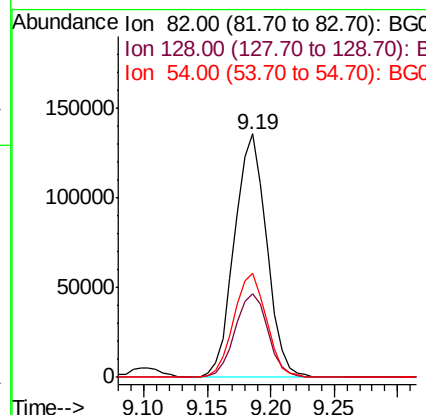
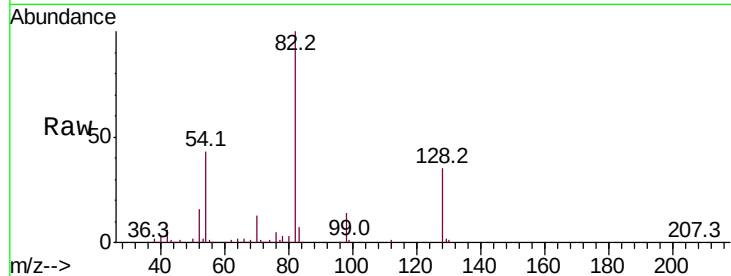
#23
 Nitrobenzene-d5
 Concen: 80.932 ng
 RT: 9.19 min Scan# 1004
 Delta R.T. -0.00 min
 Lab File: BG035981.D
 Acq: 30 Jul 2018 18:16

Instrument :
 BNA_G
 ClientSampleId :
 PB111568BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	34.6	29.7	44.5	
54	42.8	43.1	64.7	

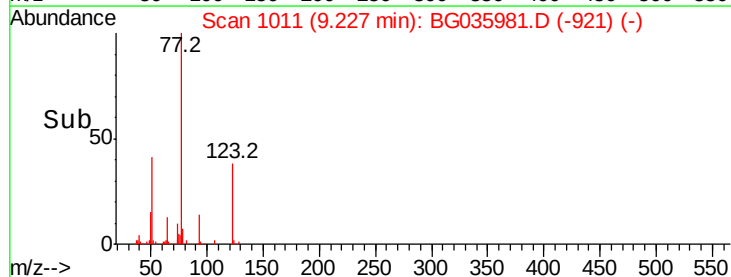
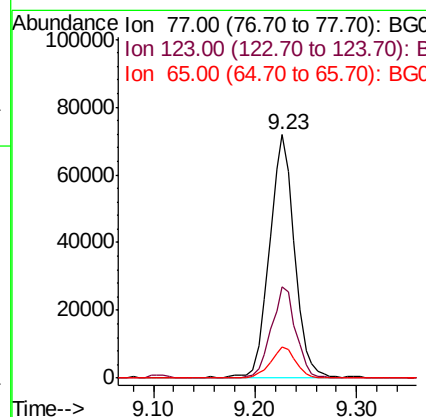
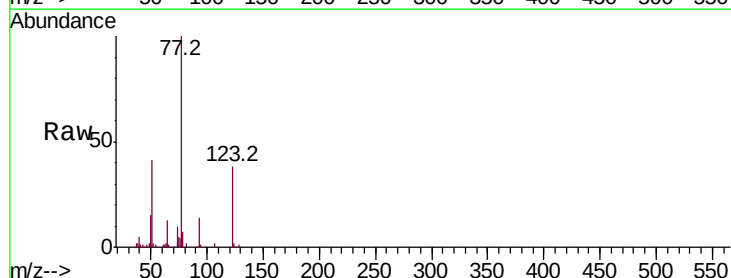
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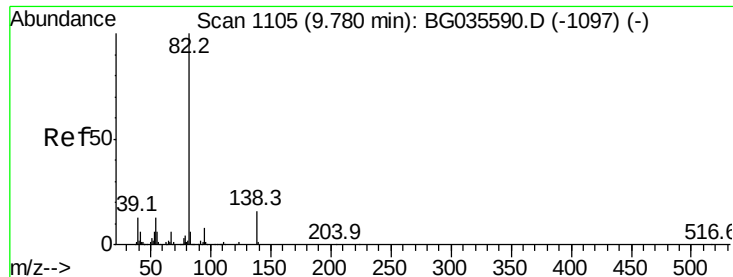
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#24
 Nitrobenzene
 Concen: 41.904 ng
 RT: 9.23 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: BG035981.D
 Acq: 30 Jul 2018 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	37.6	33.0	49.6	
65	12.6	13.0	19.6	





#25

Isophorone

Concen: 43.281 ng

RT: 9.74 min Scan# 1099

Delta R.T. -0.01 min

Lab File: BG035981.D

Acq: 30 Jul 2018 18:16

Instrument :

BNA_G

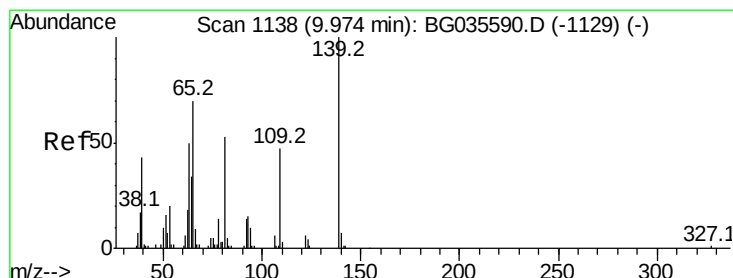
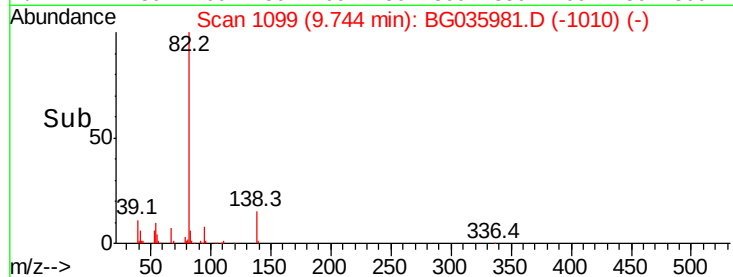
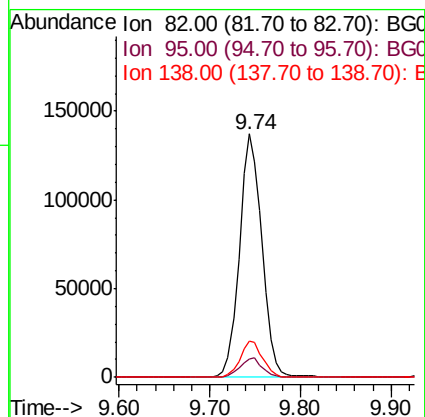
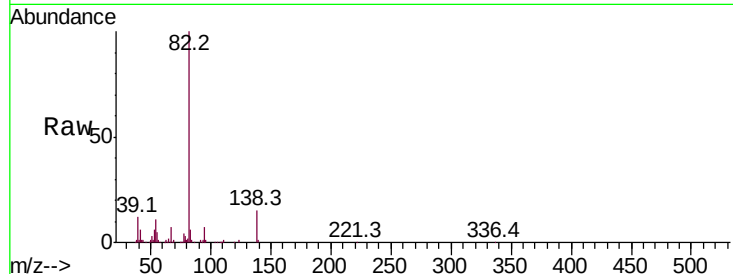
ClientSampleId :

PB111568BS

Tot Ion	82	Resp	236899
Ion Ratio	Lower	Upper	
82	100		
95	7.5	6.2	9.2
138	14.7	12.1	18.1

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#26

2-Nitrophenol

Concen: 48.619 ng

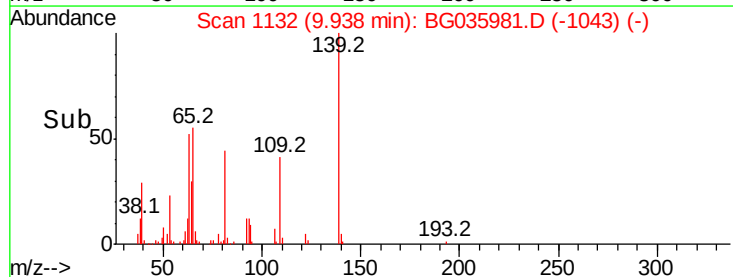
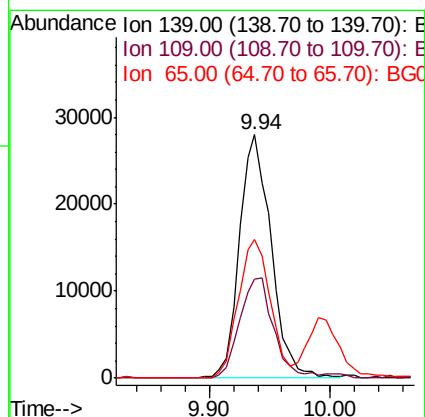
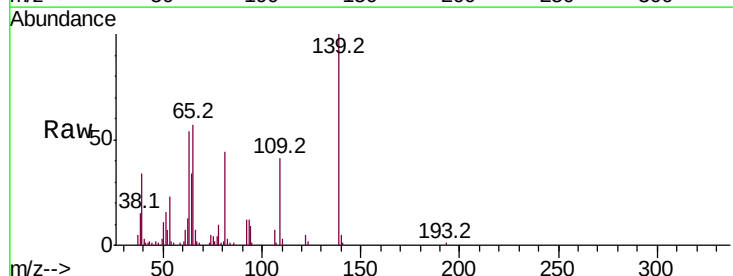
RT: 9.94 min Scan# 1132

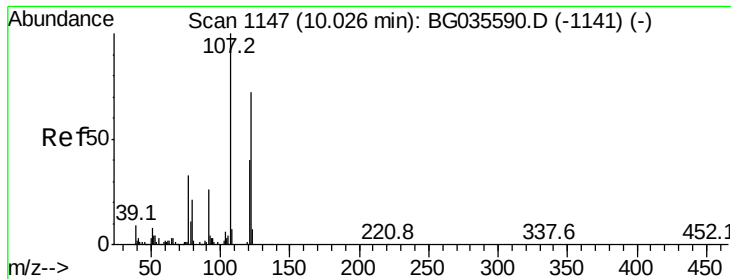
Delta R.T. -0.01 min

Lab File: BG035981.D

Acq: 30 Jul 2018 18:16

Tgt Ion	139	Resp	51203
Ion Ratio	Lower	Upper	
139	100		
109	40.7	24.2	36.2#
65	56.9	47.4	71.0





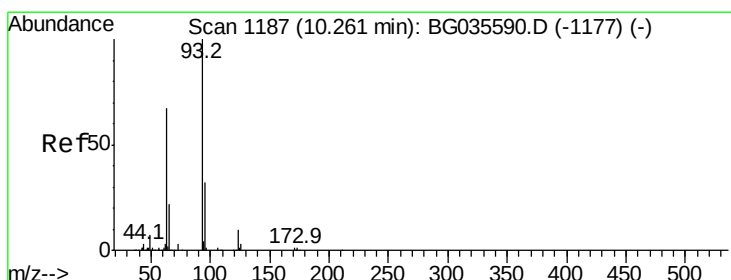
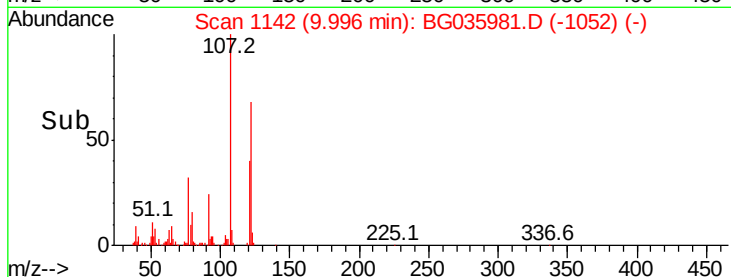
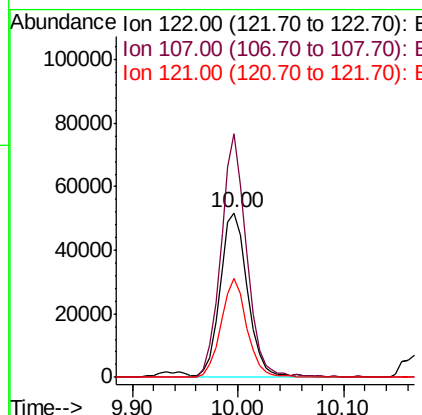
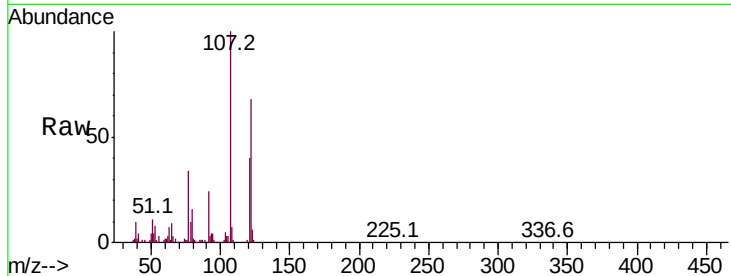
#27
2,4-Dimethylphenol
Concen: 52.846 ng
RT: 10.00 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BG035981.D
Acq: 30 Jul 2018 18:16

Instrument :
BNA_G
ClientSampled :
PB111568BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	147.7	100.2	150.2
121	59.8	44.4	66.6

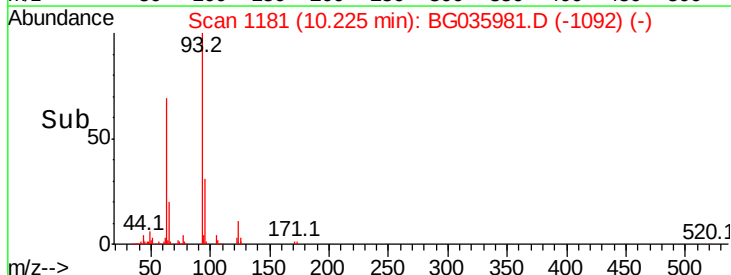
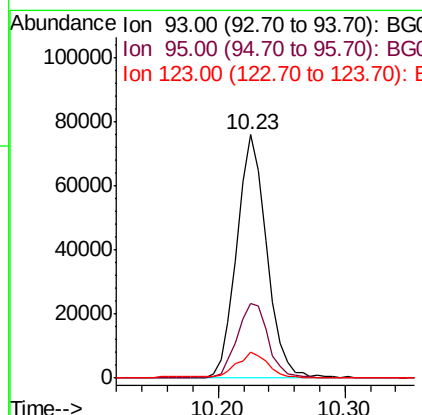
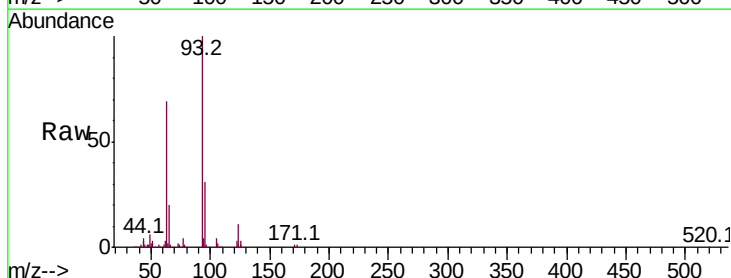
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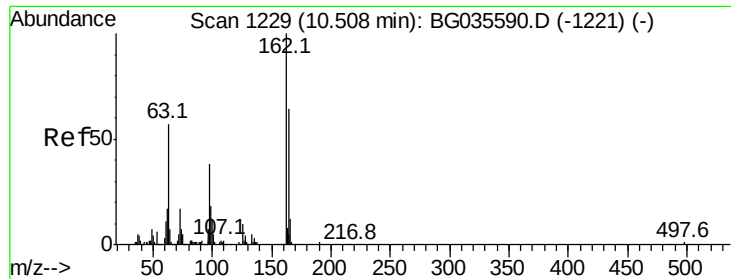
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 41.099 ng
RT: 10.23 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BG035981.D
Acq: 30 Jul 2018 18:16

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.6	24.3	36.5
123	10.7	8.4	12.6





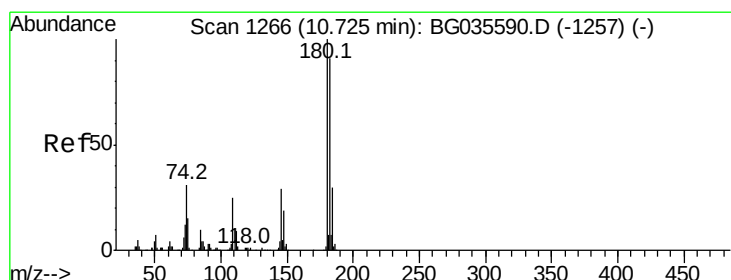
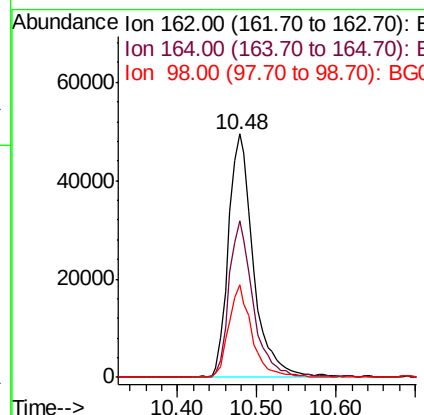
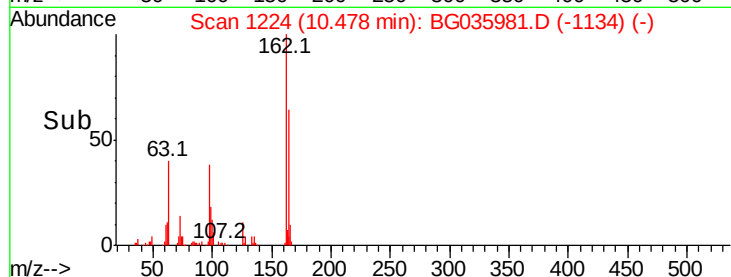
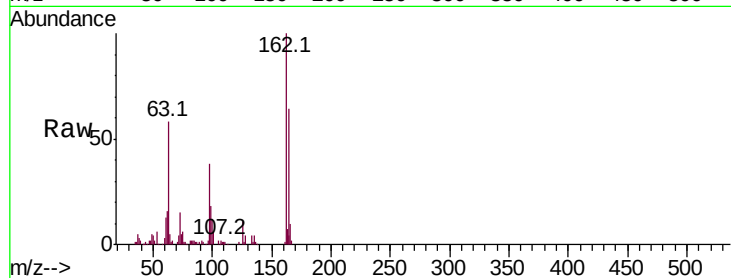
#29
2,4-Dichlorophenol
Concen: 52.886 ng
RT: 10.48 min Scan# 1224
Delta R.T. -0.00 min
Lab File: BG035981.D
Acq: 30 Jul 2018 18:16

Instrument :
BNA_G
ClientSampleId :
PB111568BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.2	48.0	88.0
98	38.0	21.1	61.1

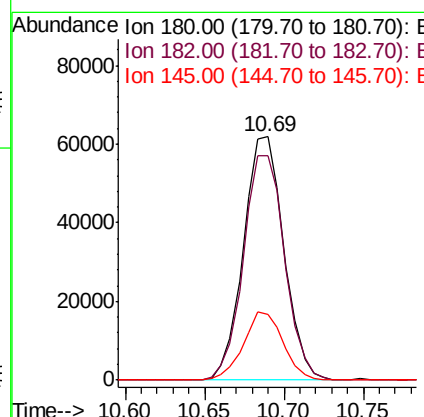
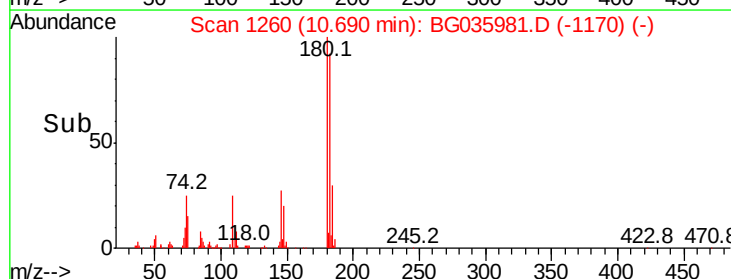
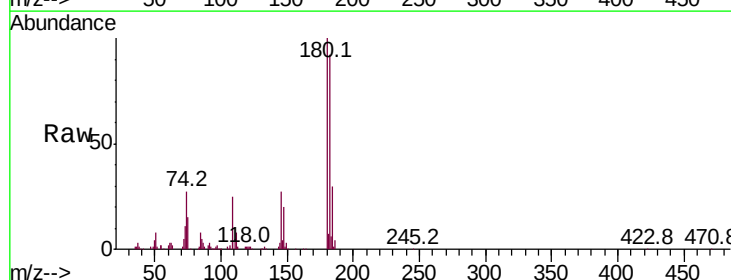
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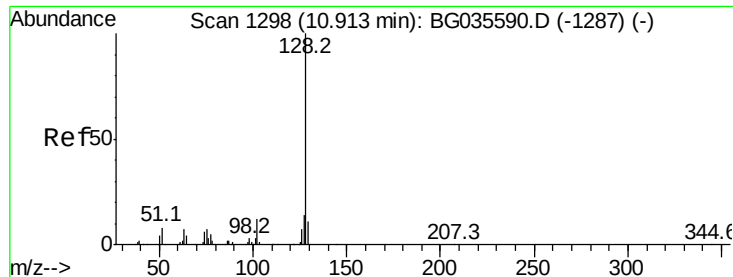
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#30
1,2,4-Trichlorobenzene
Concen: 43.878 ng
RT: 10.69 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BG035981.D
Acq: 30 Jul 2018 18:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	92.1	77.5	116.3
145	27.1	23.4	35.2





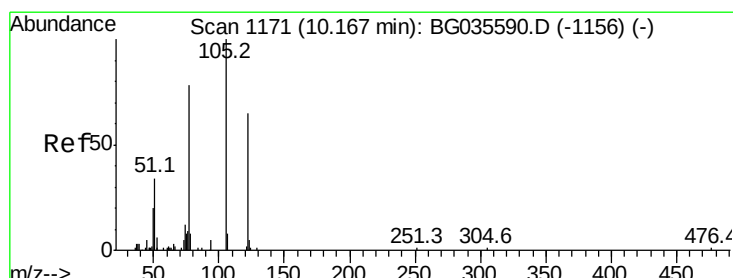
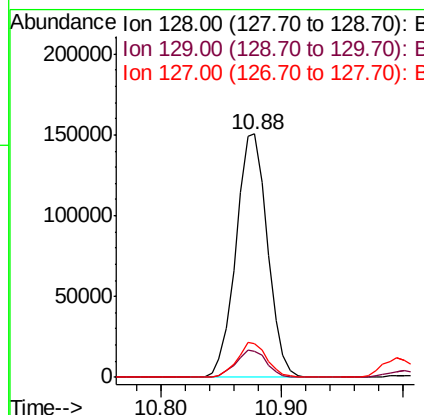
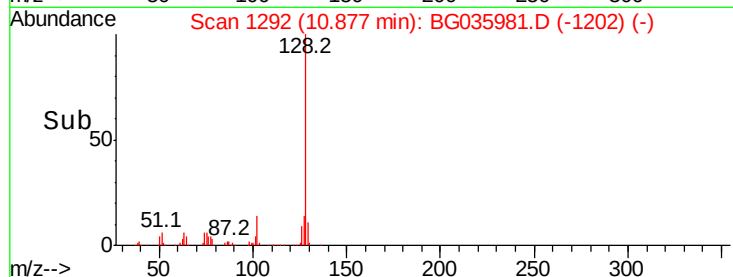
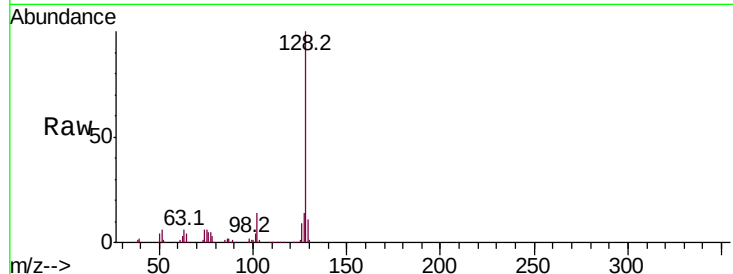
#31
Naphthalene
Concen: 42.733 ng
RT: 10.88 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BG035981.D
Acq: 30 Jul 2018 18:16

Instrument :
BNA_G
ClientSampleId :
PB111568BS

Tot Ion:128	Resp:	274188
Ion Ratio	Lower	Upper
128 100		
129 10.9	8.6	12.8
127 13.6	11.6	17.4

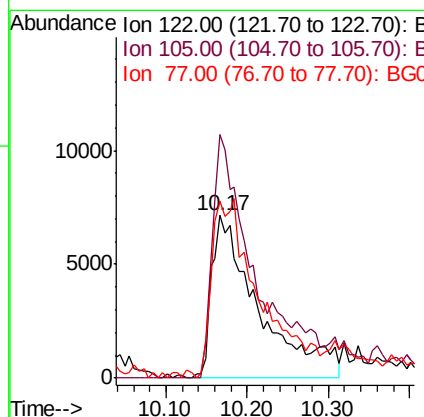
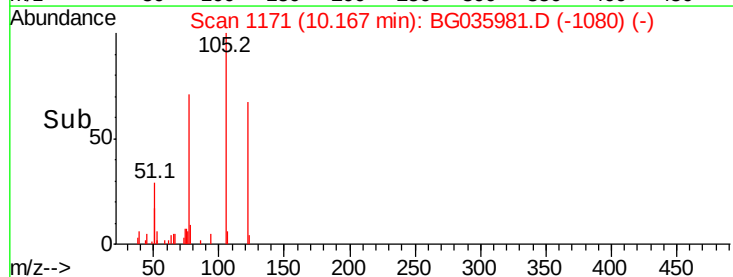
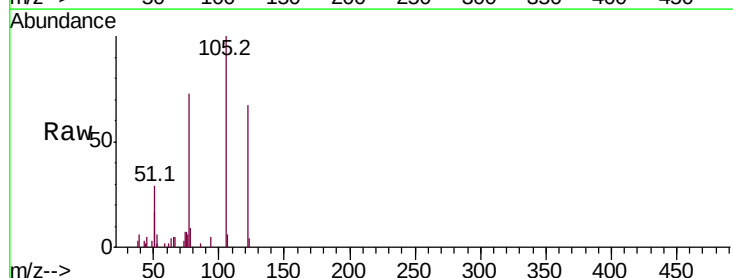
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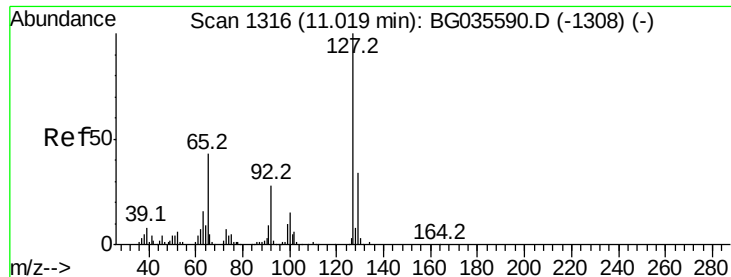
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#32
Benzoic acid
Concen: 24.106 ng m
RT: 10.17 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BG035981.D
Acq: 30 Jul 2018 18:16

Tgt Ion:122	Resp:	28930
Ion Ratio	Lower	Upper
122 100		
105 149.8	123.5	163.5
77 109.1	85.7	125.7





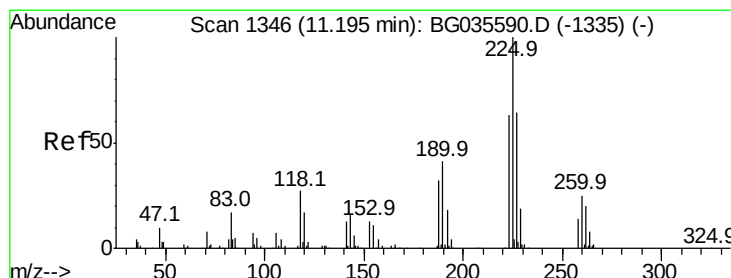
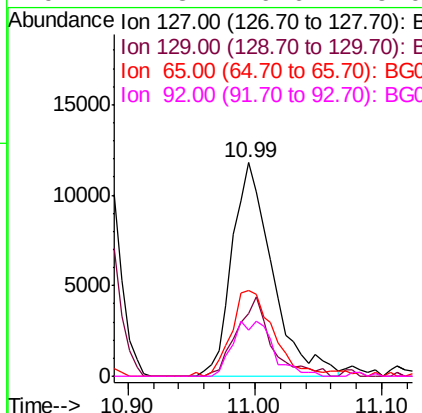
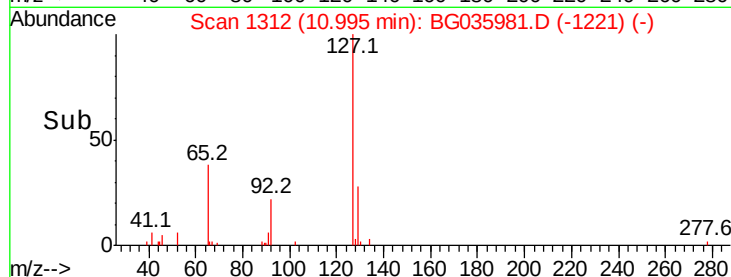
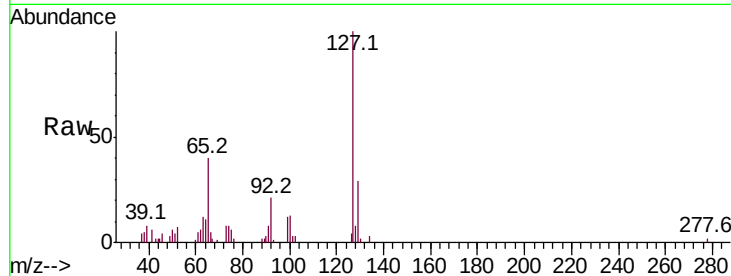
#33
4-Chloroaniline
Concen: 9.282 ng
RT: 10.99 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BG035981.D
Acq: 30 Jul 2018 18:16

Instrument :
BNA_G
ClientSampleId :
PB111568BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	29.5	24.0	36.0
65	40.0	27.0	40.4
92	21.3	16.6	25.0

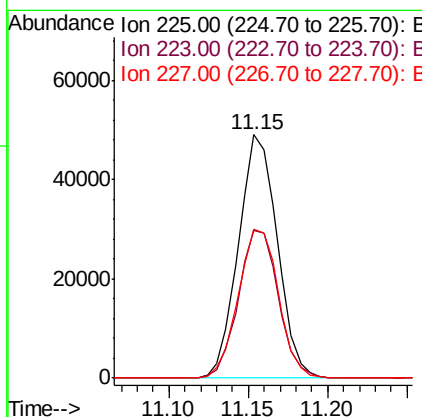
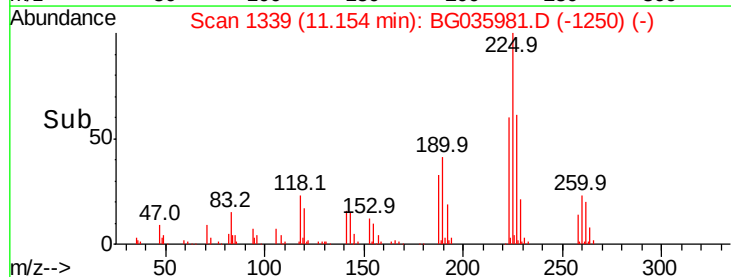
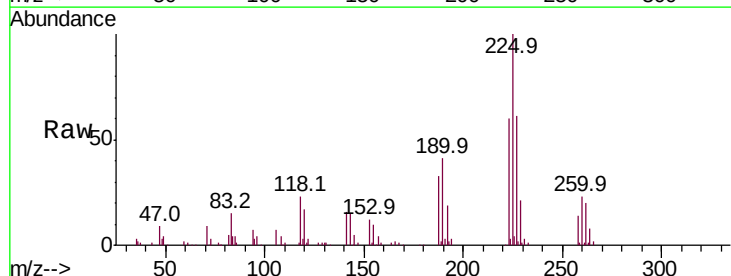
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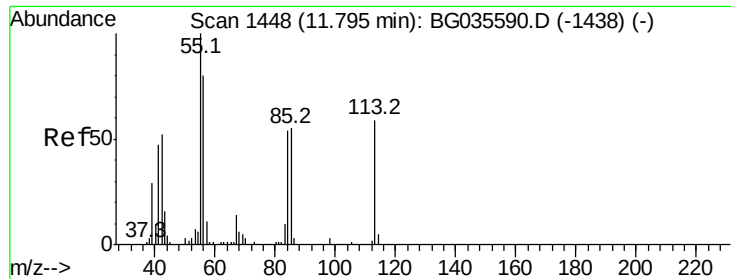
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#34
Hexachlorobutadiene
Concen: 42.949 ng
RT: 11.15 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BG035981.D
Acq: 30 Jul 2018 18:16

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.4	49.7	74.5
227	61.2	48.1	72.1





#35

Caprolactam

Concen: 42.175 ng/ml

RT: 11.76 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BG035981.D

Acq: 30 Jul 2018 18:16

Instrument :

BNA_G

ClientSampleId :

PB111568BS

Tot Ion:113 Resp: 36831

Ion Ratio Lower Upper

113 100

55 145.9 186.9 226.9#

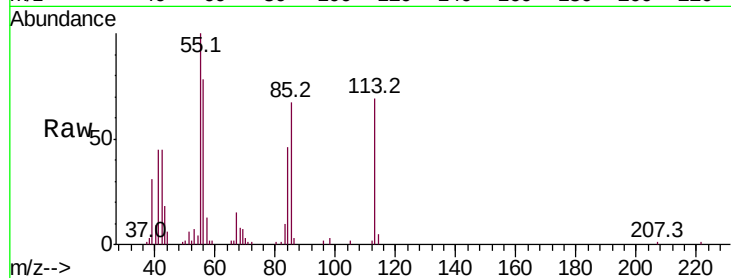
56 113.3 130.9 170.9#

Manual Integrations

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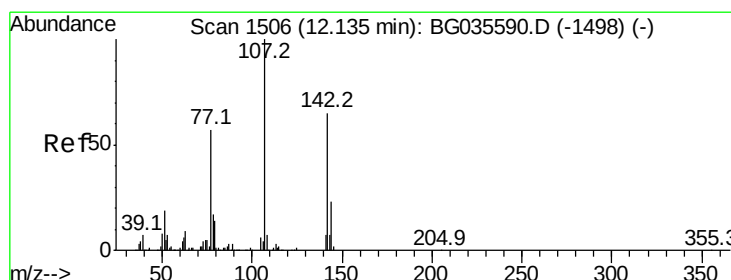
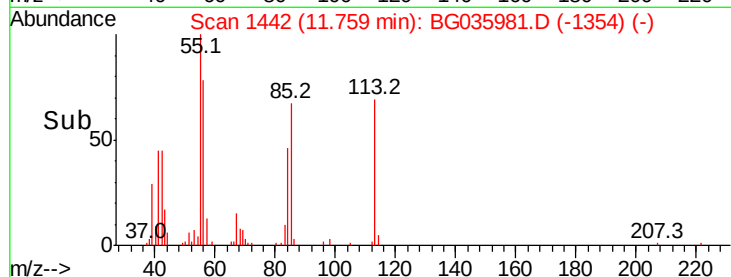
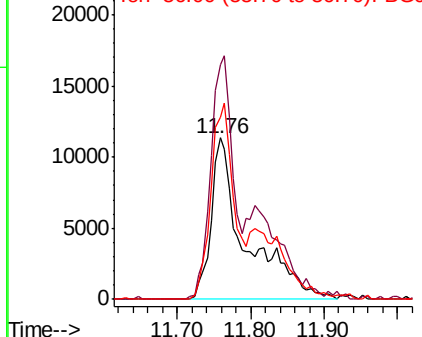
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG035590.D (-1438) (-)

Ion 56.00 (55.70 to 56.70): BG035590.D (-1438) (-)



#36

4-Chloro-3-methylphenol

Concen: 46.879 ng/ml

RT: 12.11 min Scan# 1502

Delta R.T. -0.00 min

Lab File: BG035981.D

Acq: 30 Jul 2018 18:16

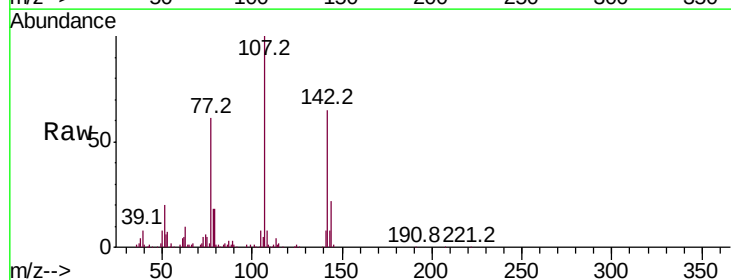
Tgt Ion:107 Resp: 127871

Ion Ratio Lower Upper

107 100

144 22.0 18.2 27.4

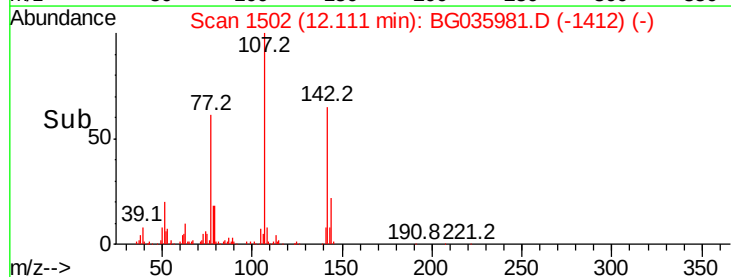
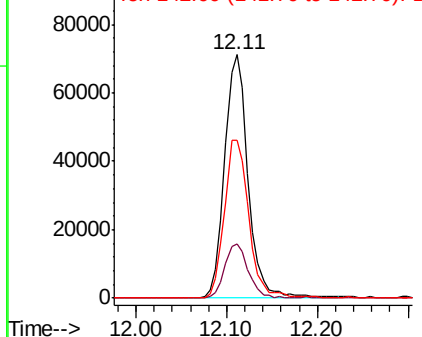
142 64.9 59.0 88.4

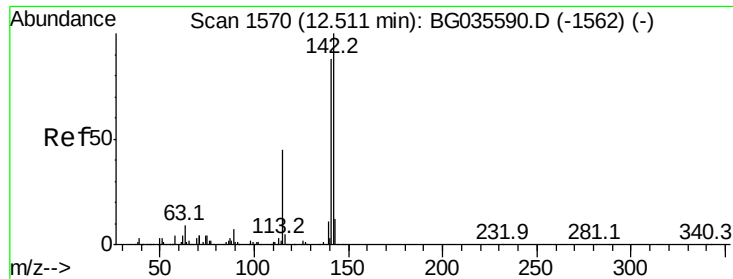


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 45.404 ng

RT: 12.48 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BG035981.D

Acq: 30 Jul 2018 18:16

Instrument :

BNA_G

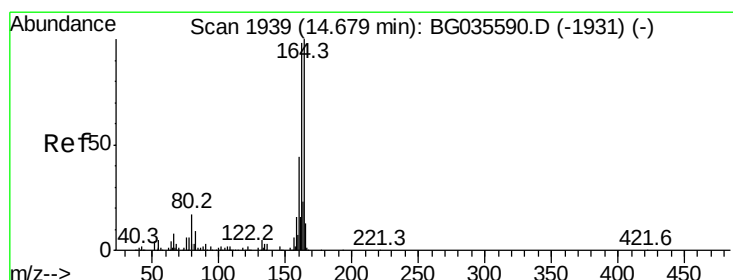
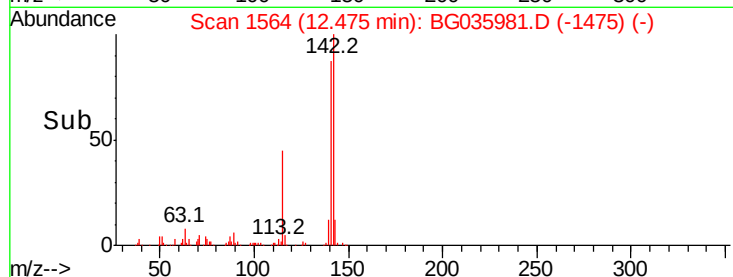
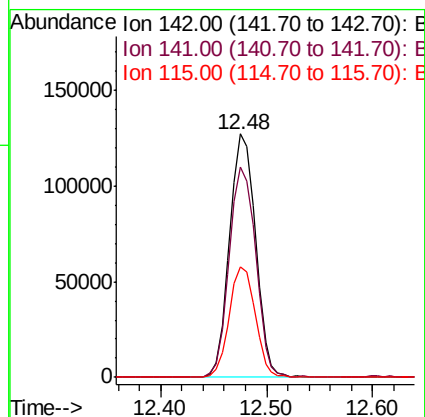
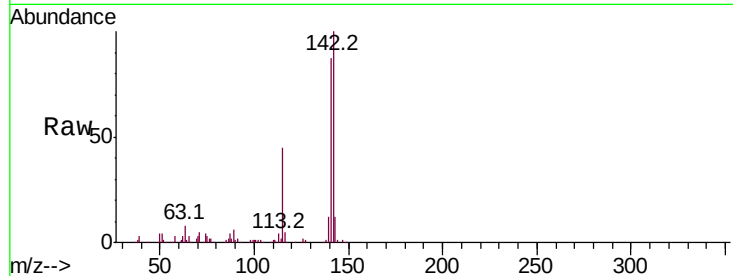
ClientSampleId :

PB111568BS

Tot Ion:	142	Resp:	217046
Ion Ratio	Lower	Upper	
142	100		
141	86.5	67.1	100.7
115	45.2	30.7	46.1

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#38

Acenaphthene-d10

Concen: 20.000 ng

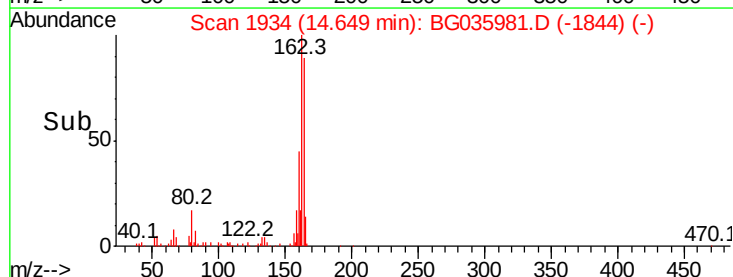
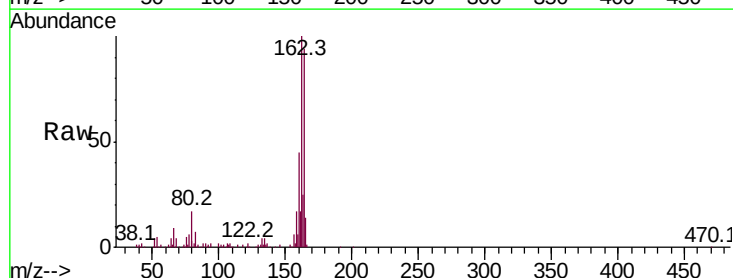
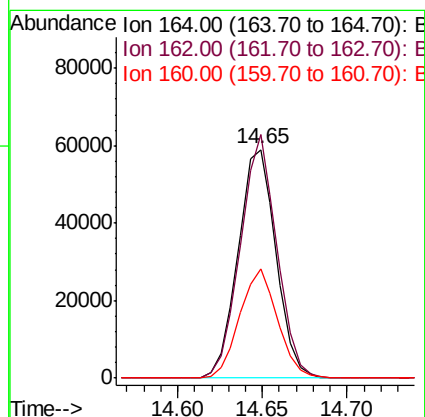
RT: 14.65 min Scan# 1934

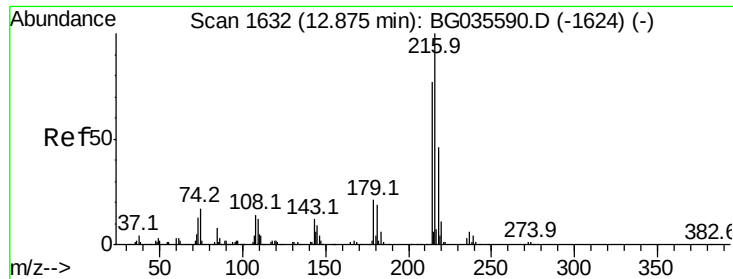
Delta R.T. -0.00 min

Lab File: BG035981.D

Acq: 30 Jul 2018 18:16

Tgt Ion:	164	Resp:	92034
Ion Ratio	Lower	Upper	
164	100		
162	106.7	78.8	118.2
160	48.0	35.4	53.0





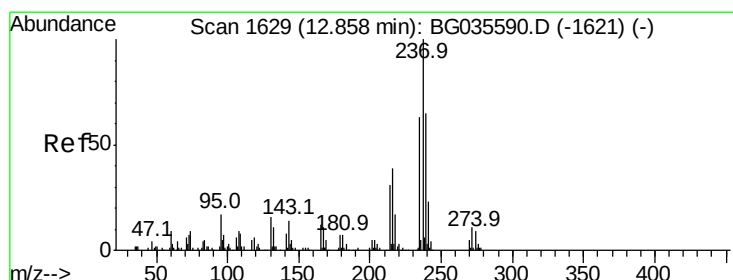
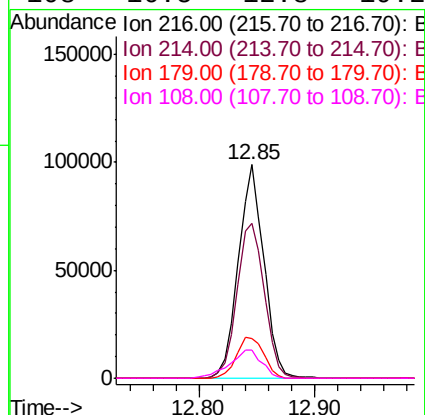
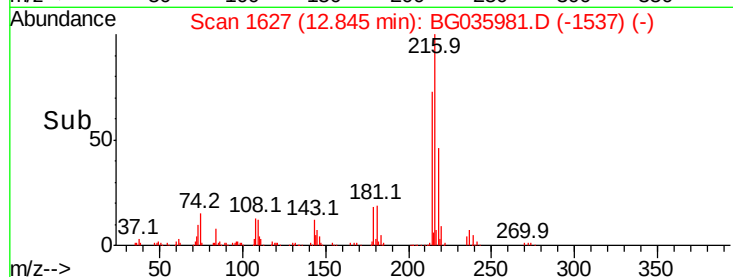
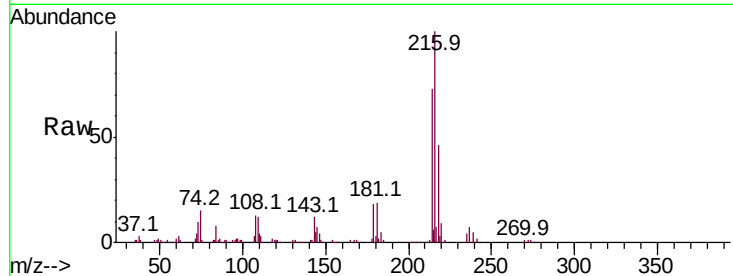
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.471 ng
 RT: 12.85 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: BG035981.D
 Acq: 30 Jul 2018 18:16

Instrument :
 BNA_G
 ClientSampleId :
 PB111568BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	151004		
214	77.8	63.0	94.4	
179	20.5	17.0	25.6	
108	16.5	12.8	19.2	

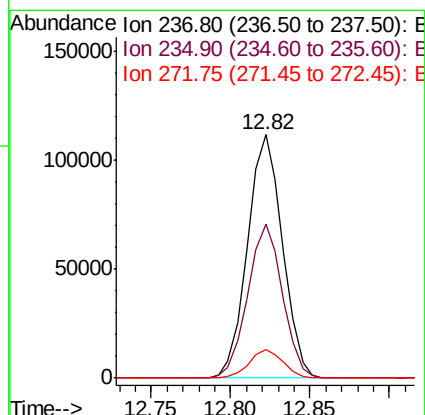
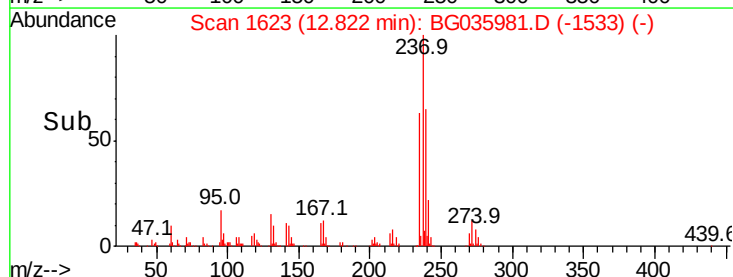
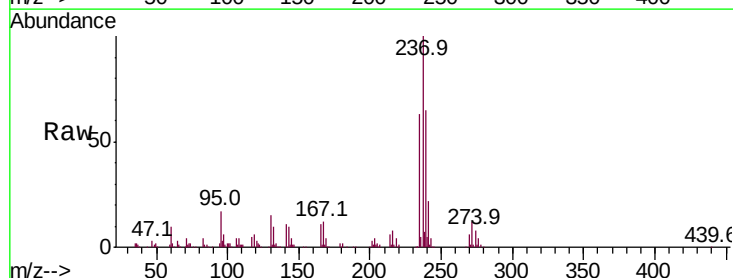
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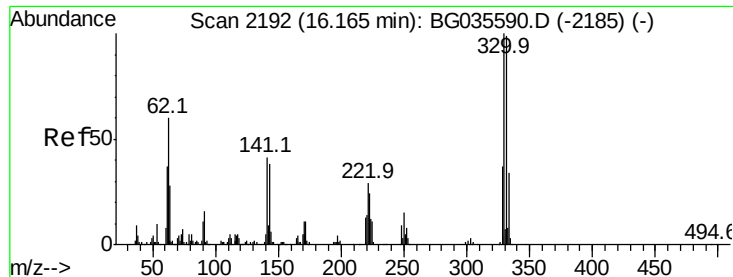
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#40
 Hexachlorocyclopentadiene
 Concen: 93.706 ng
 RT: 12.82 min Scan# 1623
 Delta R.T. -0.00 min
 Lab File: BG035981.D
 Acq: 30 Jul 2018 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	170709		
235	63.4	50.4	90.4	
272	11.7	0.0	31.8	





#41

2,4,6-Tribromophenol

Concen: 97.886 ng

RT: 16.14 min Scan# 2187

Delta R.T. -0.01 min

Lab File: BG035981.D

Acq: 30 Jul 2018 18:16

Instrument :

BNA_G

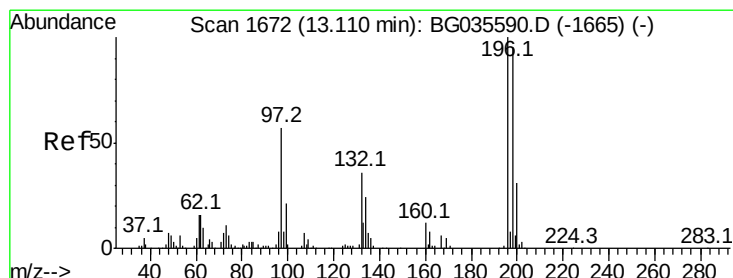
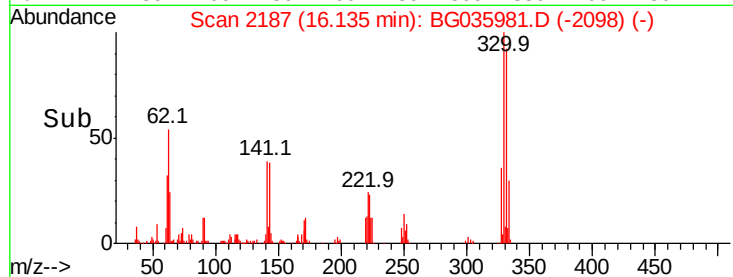
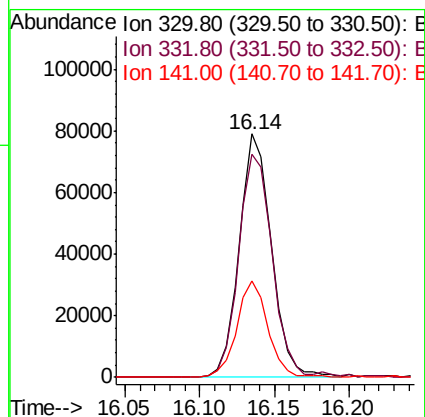
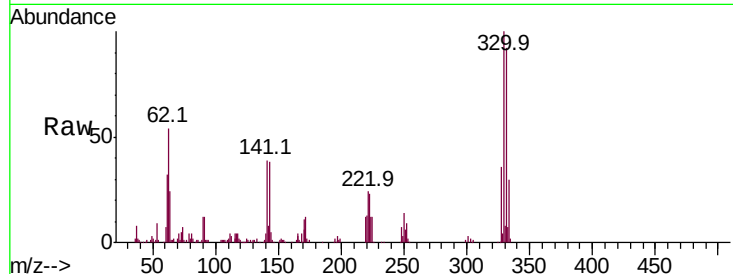
ClientSampled :

PB111568BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	38.4	25.2	37.8#

Manual Integrations
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#42

2,4,6-Trichlorophenol

Concen: 46.516 ng

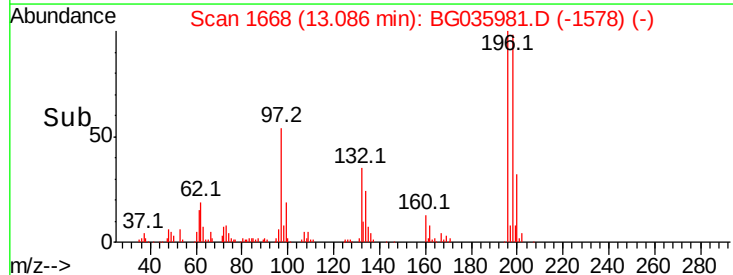
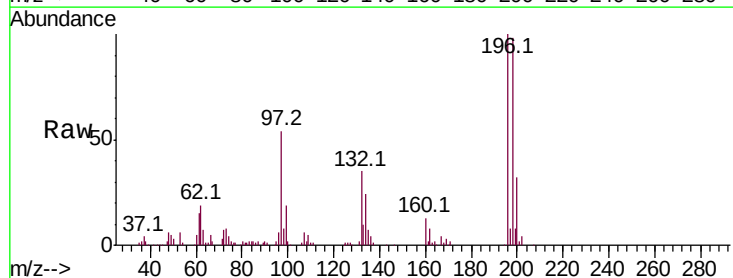
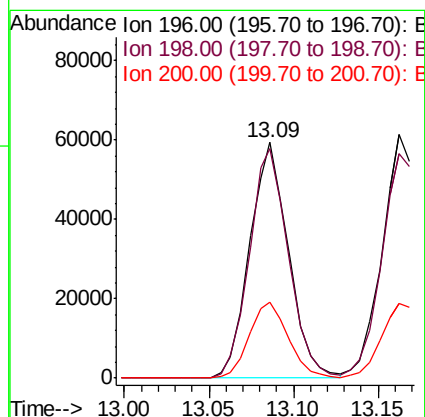
RT: 13.09 min Scan# 1668

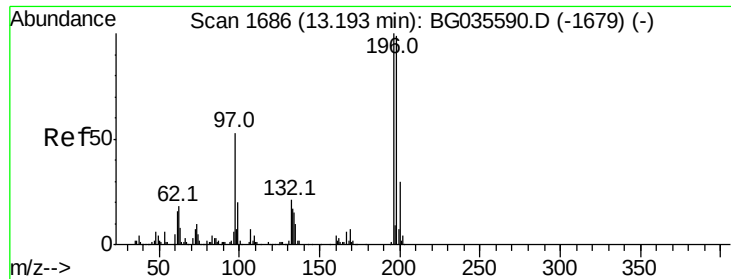
Delta R.T. -0.00 min

Lab File: BG035981.D

Acq: 30 Jul 2018 18:16

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.5	78.2	117.2
200	32.1	24.6	36.8





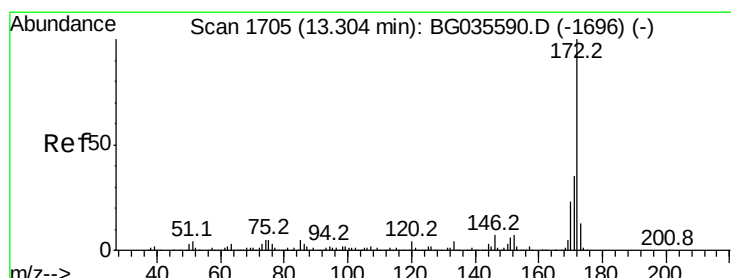
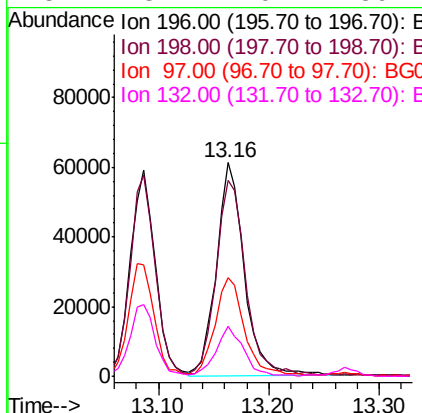
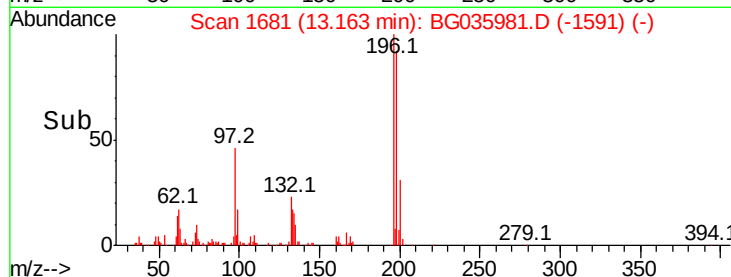
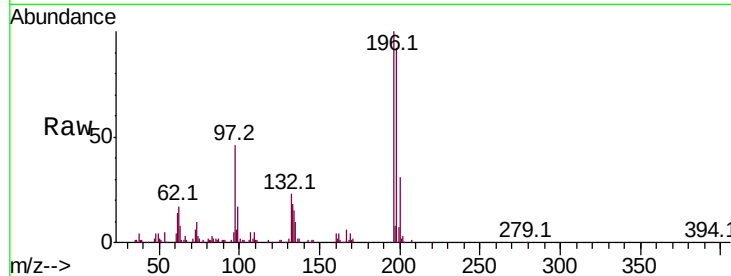
#43
2,4,5-Trichlorophenol
Concen: 47.113 ng
RT: 13.16 min Scan# 1681
Delta R.T. -0.00 min
Lab File: BG035981.D
Acq: 30 Jul 2018 18:16

Instrument :
BNA_G
ClientSampleId :
PB111568BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	107066		
198	92.0	76.2	114.4	
97	46.3	38.7	58.1	
132	23.1	20.2	30.2	

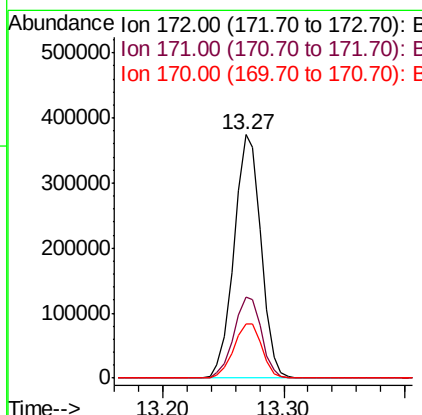
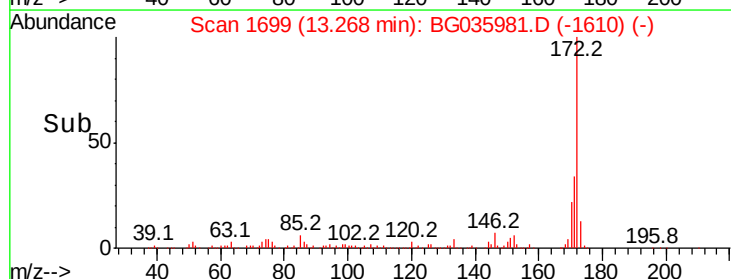
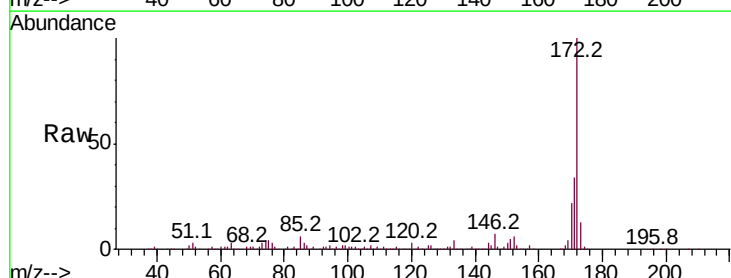
Manual Integrations
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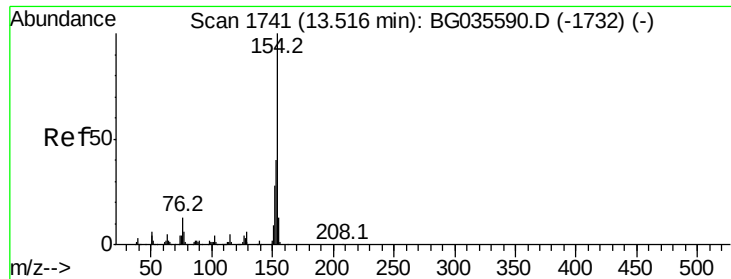
Sohil
7/31/2018 12:20:47 PM



#44
2-Fluorobiphenyl
Concen: 84.523 ng
RT: 13.27 min Scan# 1699
Delta R.T. -0.01 min
Lab File: BG035981.D
Acq: 30 Jul 2018 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	580635		
171	33.6	30.0	45.0	
170	22.2	19.5	29.3	





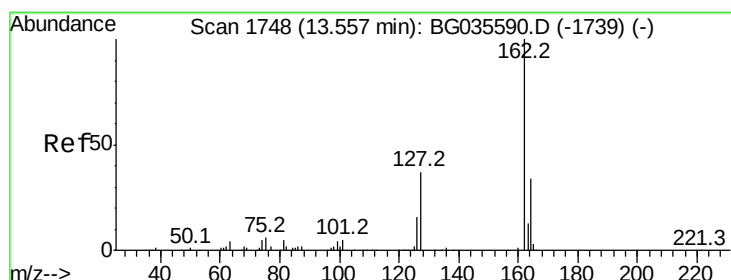
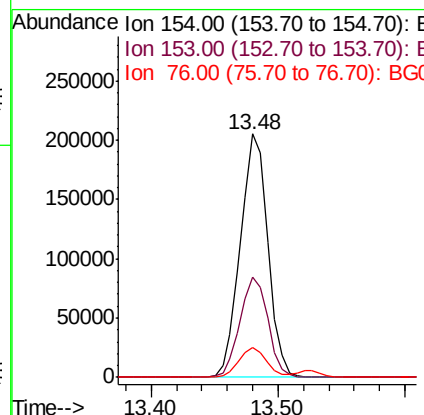
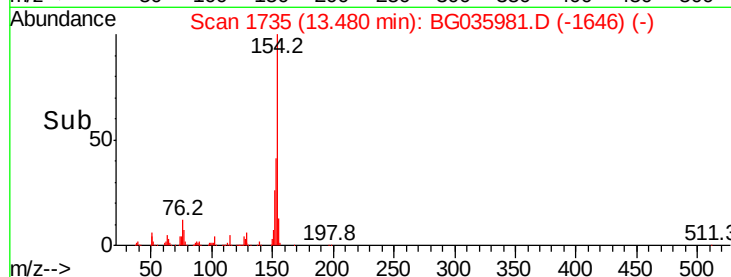
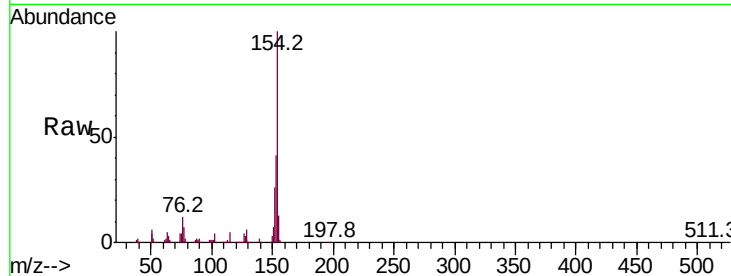
#45
1,1'-Biphenyl
Concen: 43.095 ng
RT: 13.48 min Scan# 1735
Delta R.T. -0.01 min
Lab File: BG035981.D
Acq: 30 Jul 2018 18:16

Instrument :
BNA_G
ClientSampled :
PB111568BS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.0	19.8	59.8	
76	12.5	0.0	31.9	

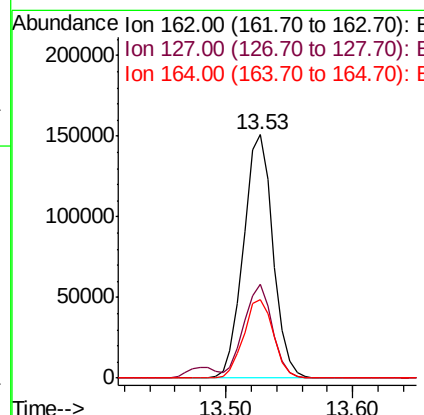
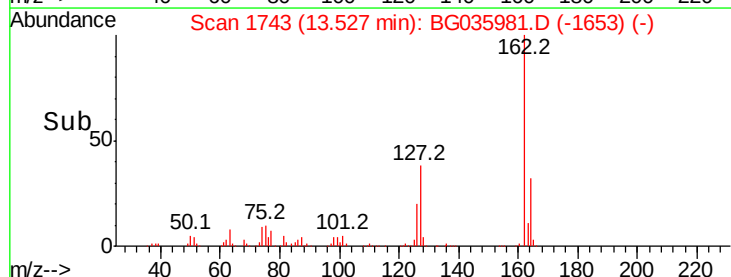
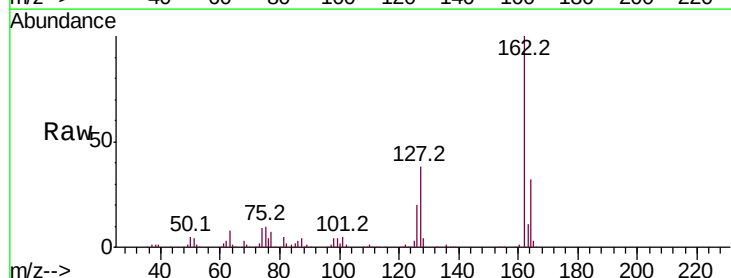
Manual Integrations
APPROVED

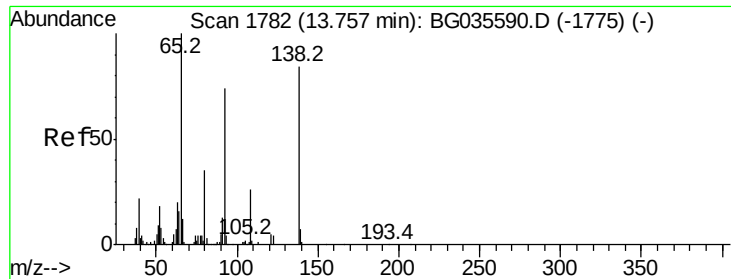
Sohil
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#46
2-Chloronaphthalene
Concen: 43.869 ng
RT: 13.53 min Scan# 1743
Delta R.T. -0.00 min
Lab File: BG035981.D
Acq: 30 Jul 2018 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	38.4	30.7	46.1	
164	32.2	26.0	39.0	





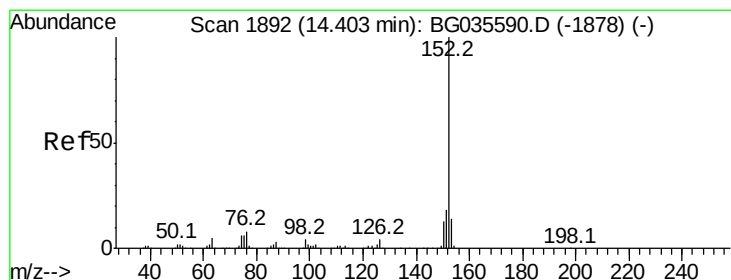
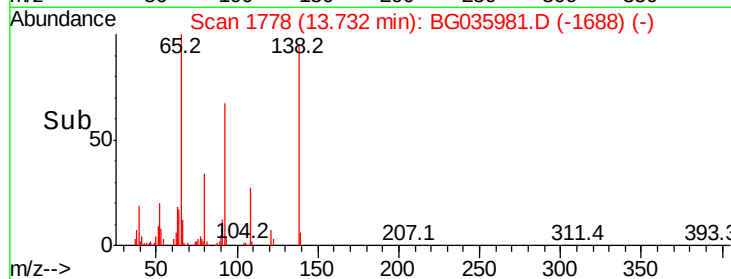
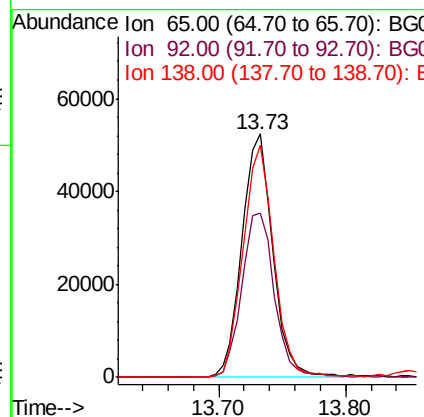
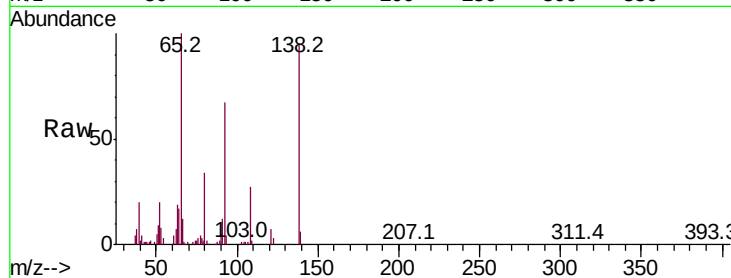
#47
2-Nitroaniline
Concen: 45.099 ng
RT: 13.73 min Scan# 1778
Delta R.T. -0.00 min
Lab File: BG035981.D
Acq: 30 Jul 2018 18:16

Instrument :
BNA_G
ClientSampleId :
PB111568BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.4	54.6	82.0
138	95.1	72.9	109.3

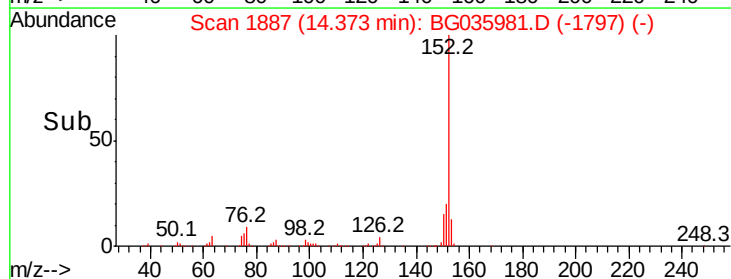
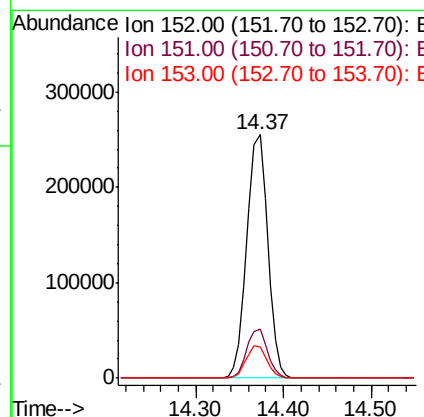
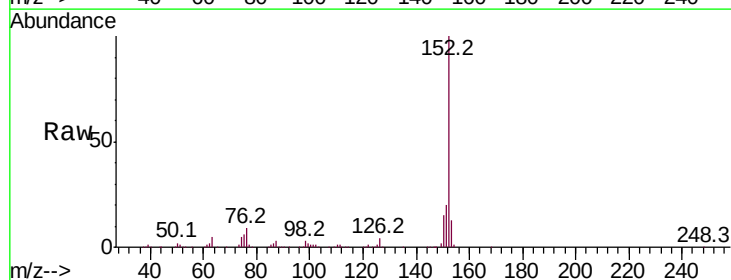
Manual Integrations
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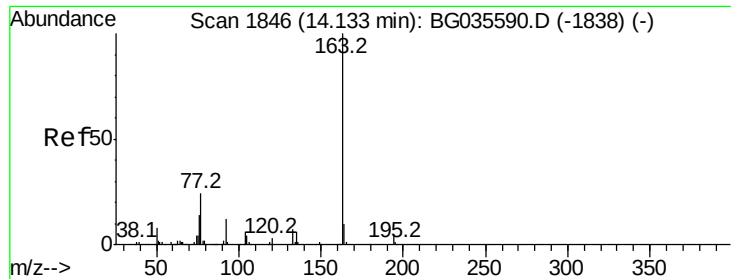
Sohil
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#48
Acenaphthylene
Concen: 44.173 ng
RT: 14.37 min Scan# 1887
Delta R.T. -0.00 min
Lab File: BG035981.D
Acq: 30 Jul 2018 18:16

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	17.2	25.8
153	12.8	10.2	15.4





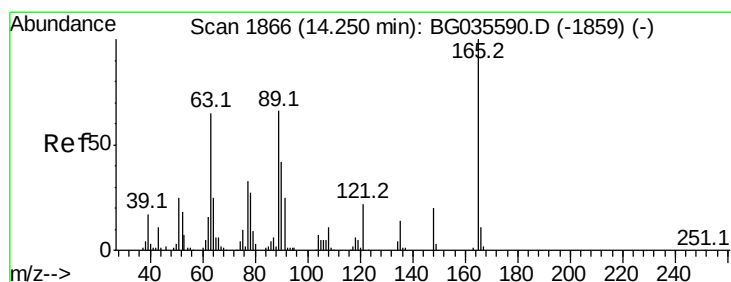
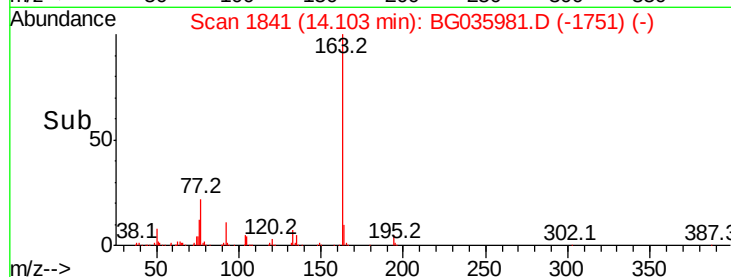
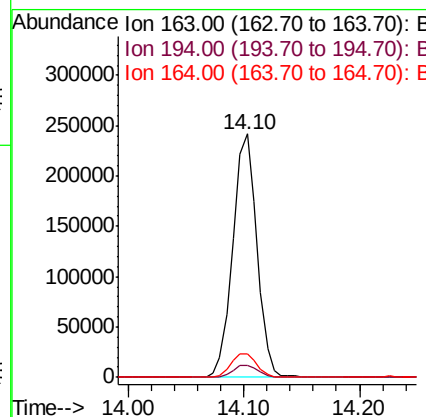
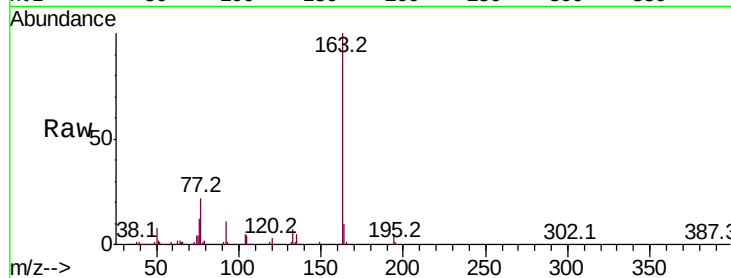
#49
Dimethylphthalate
Concen: 43.217 ng
RT: 14.10 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BG035981.D
Acq: 30 Jul 2018 18:16

Instrument :
BNA_G
ClientSampleId :
PB111568BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.9	3.4	5.2	
164	9.6	8.2	12.4	

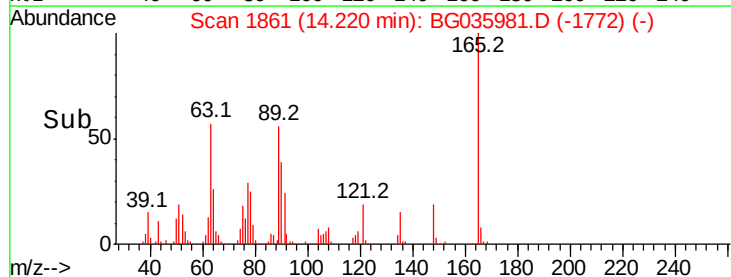
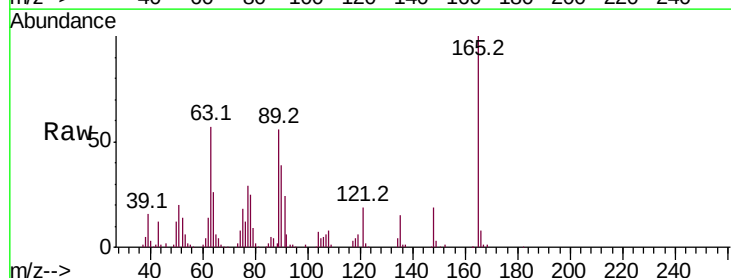
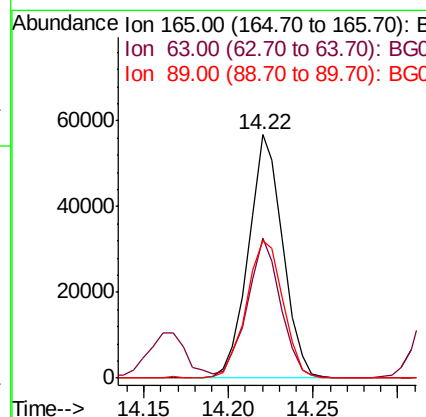
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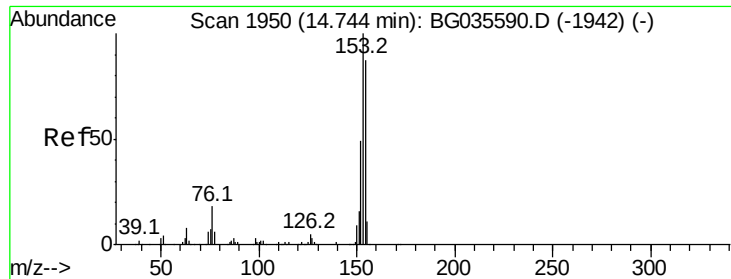
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#50
2,6-Dinitrotoluene
Concen: 49.016 ng
RT: 14.22 min Scan# 1861
Delta R.T. -0.01 min
Lab File: BG035981.D
Acq: 30 Jul 2018 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	57.2	52.7	79.1	
89	56.3	49.2	73.8	





#51

Acenaphthene

Concen: 41.500 ng

RT: 14.71 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG035981.D

Acq: 30 Jul 2018 18:16

Instrument :

BNA_G

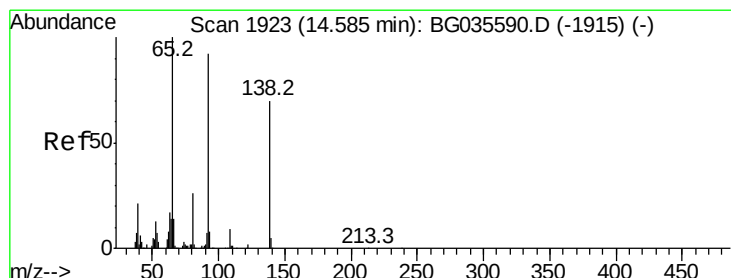
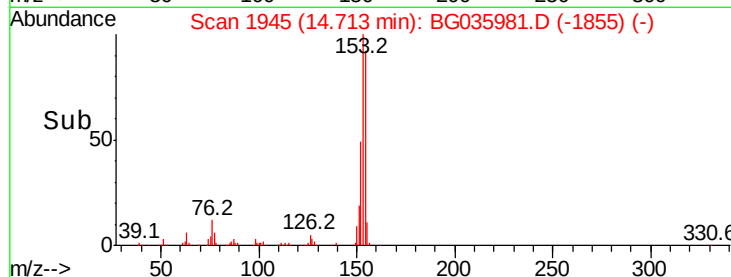
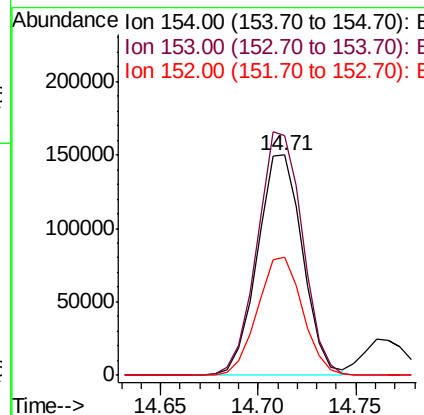
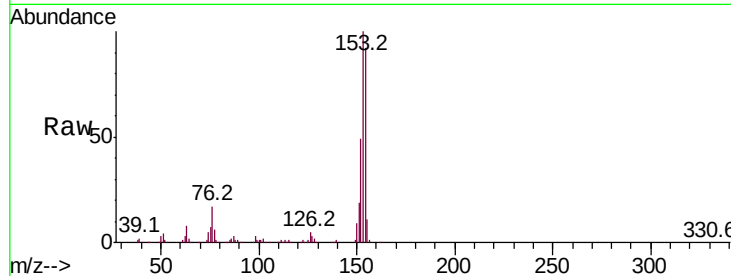
ClientSampleId :

PB111568BS

Tot Ion:	154	Resp:	240350
Ion Ratio	Lower	Upper	
154	100		
153	109.0	90.4	135.6
152	53.6	41.6	62.4

Manual Integrations
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#52

3-Nitroaniline

Concen: 17.536 ng

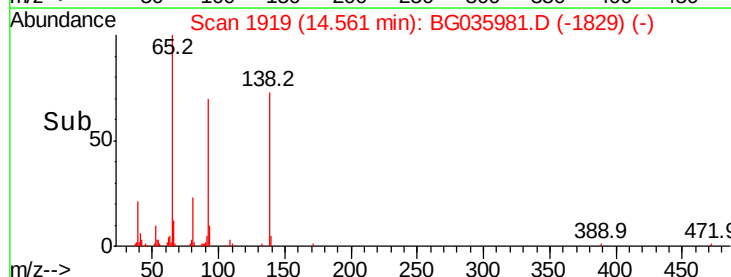
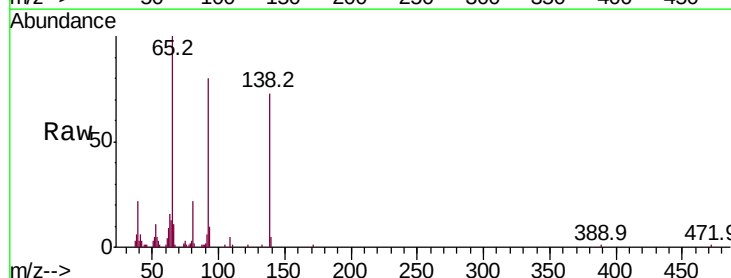
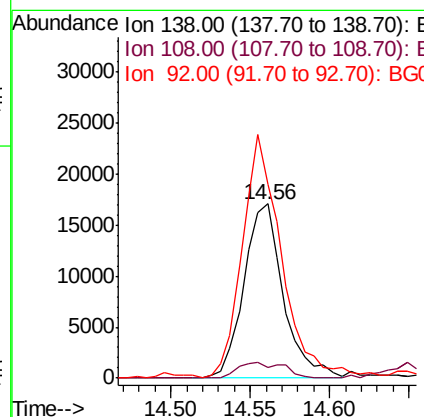
RT: 14.56 min Scan# 1919

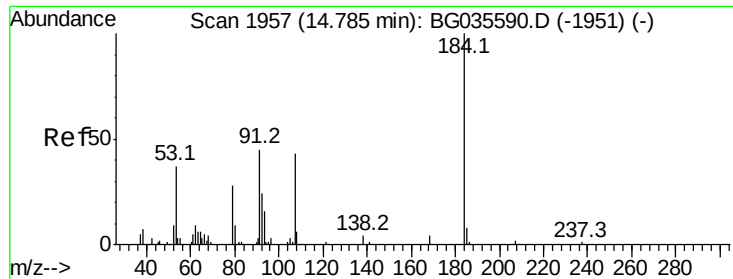
Delta R.T. -0.00 min

Lab File: BG035981.D

Acq: 30 Jul 2018 18:16

Tgt Ion:	138	Resp:	29431
Ion Ratio	Lower	Upper	
138	100		
108	6.3	17.5	26.3#
92	110.9	105.8	158.8





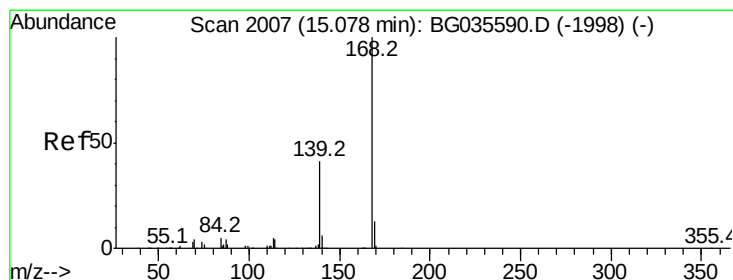
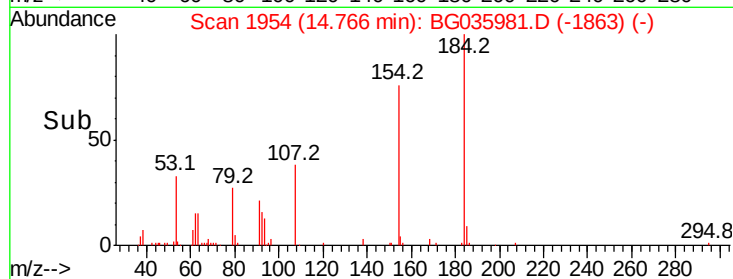
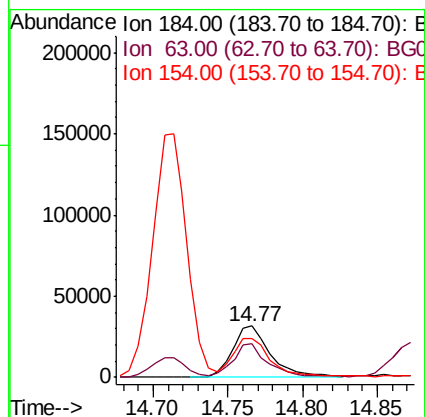
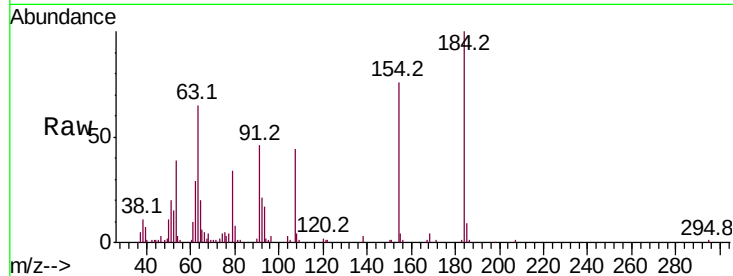
#53
2,4-Dinitrophenol
Concen: 67.326 ng
RT: 14.77 min Scan# 1954
Delta R.T. 0.00 min
Lab File: BG035981.D
Acq: 30 Jul 2018 18:16

Instrument :
BNA_G
ClientSampleId :
PB111568BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	64.6	59.8	89.8
154	75.5	101.8	152.8#

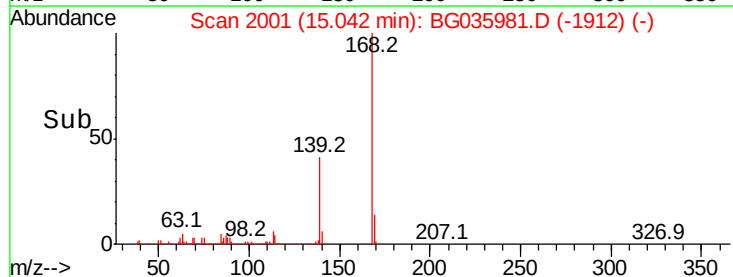
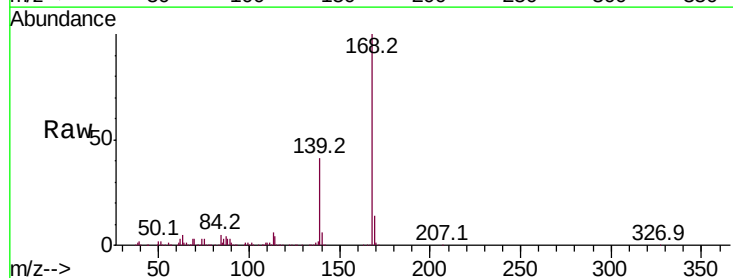
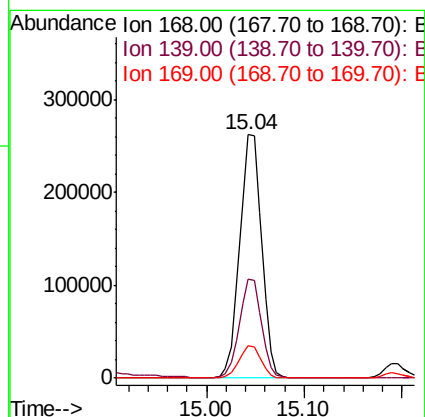
Manual Integrations
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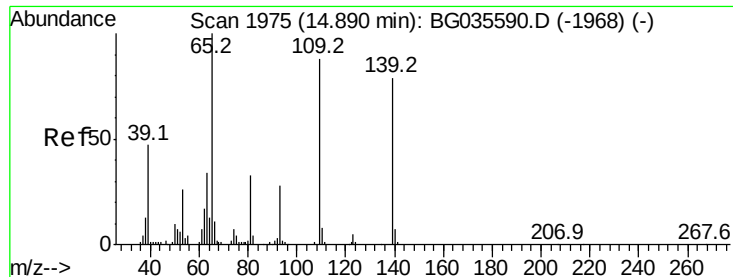
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#54
Dibenzofuran
Concen: 44.538 ng
RT: 15.04 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BG035981.D
Acq: 30 Jul 2018 18:16

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.7	28.6	43.0
169	13.6	11.2	16.8





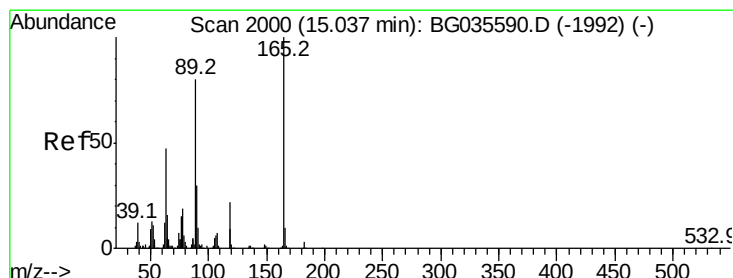
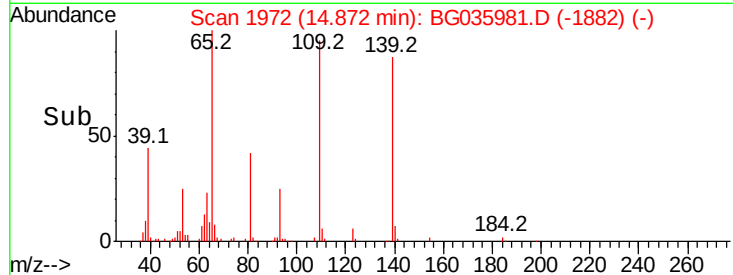
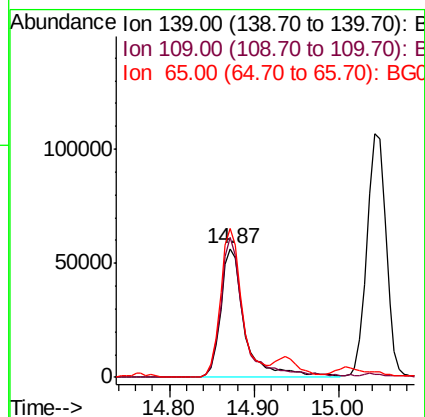
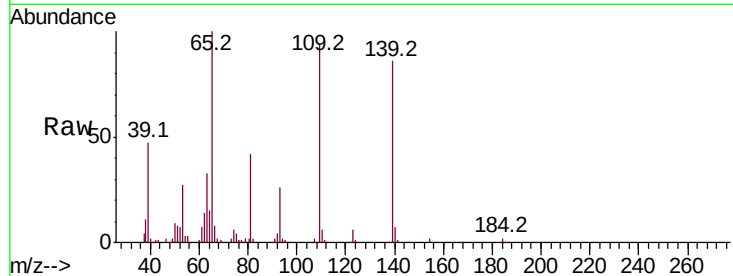
#55
4-Nitrophenol
Concen: 94.299 ng
RT: 14.87 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BG035981.D
Acq: 30 Jul 2018 18:16

Instrument :
BNA_G
ClientSampleId :
PB111568BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	109.0	62.2	102.2#	
65	115.9	97.2	137.2	

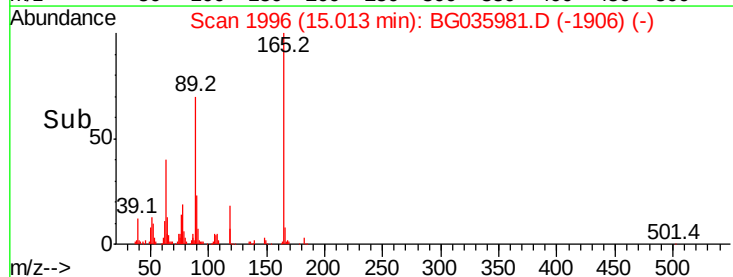
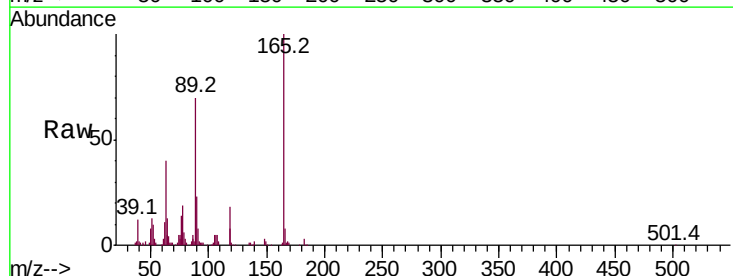
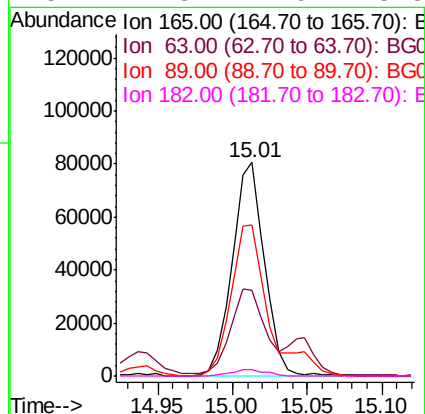
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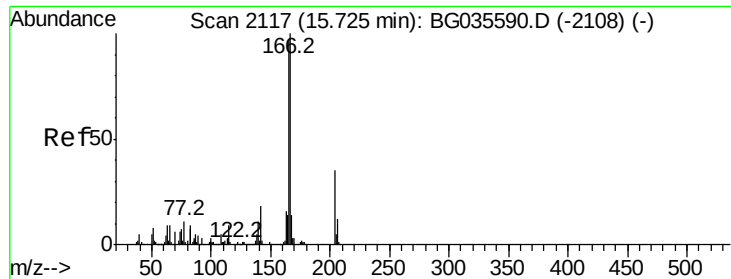
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#56
2,4-Dinitrotoluene
Concen: 51.340 ng
RT: 15.01 min Scan# 1996
Delta R.T. -0.00 min
Lab File: BG035981.D
Acq: 30 Jul 2018 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	40.2	42.0	63.0#	
89	70.4	66.9	100.3	
182	2.8	2.6	3.8	





#57

Fluorene

Concen: 45.064 ng

RT: 15.69 min Scan# 2112

Delta R.T. -0.00 min

Lab File: BG035981.D

Acq: 30 Jul 2018 18:16

Instrument :

BNA_G

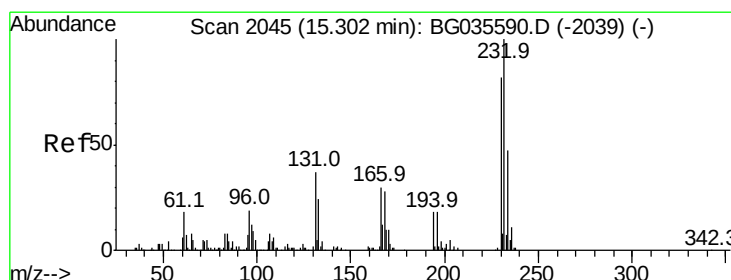
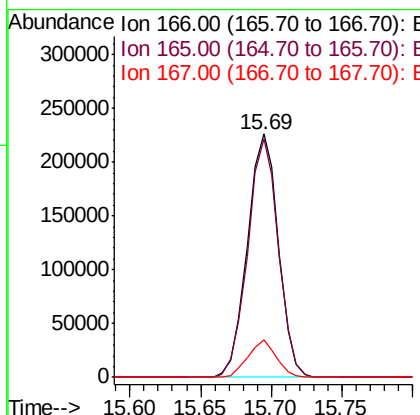
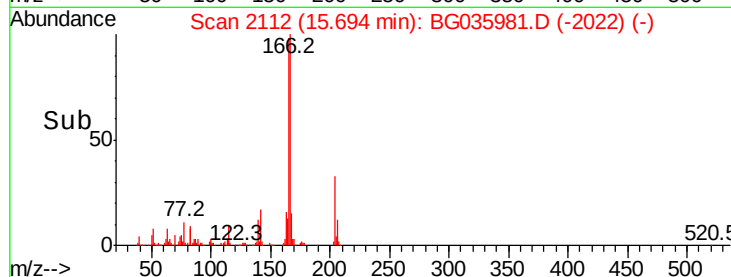
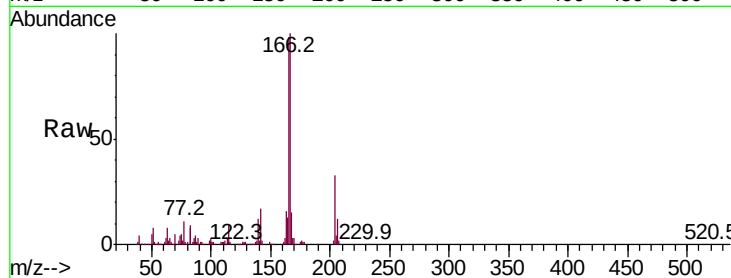
ClientSampleId :

PB111568BS

Tot Ion:	166	Resp:	347891
Ion Ratio	Lower	Upper	
166	100		
165	98.2	80.6	121.0
167	15.2	10.4	15.6

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 50.888 ng

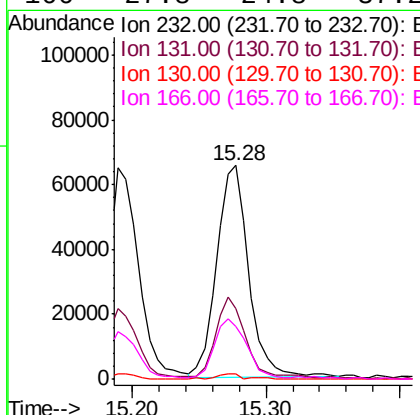
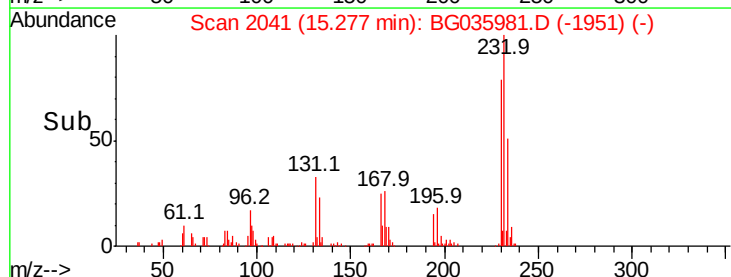
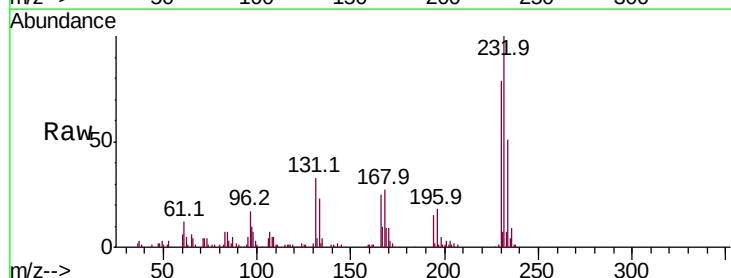
RT: 15.28 min Scan# 2041

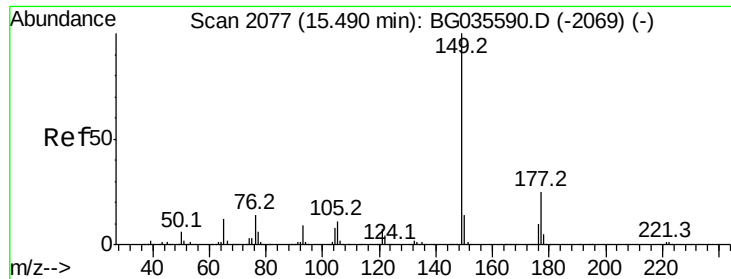
Delta R.T. -0.00 min

Lab File: BG035981.D

Acq: 30 Jul 2018 18:16

Tgt Ion:	232	Resp:	110881
Ion Ratio	Lower	Upper	
232	100		
131	35.3	33.5	50.3
130	2.1	2.2	3.2#
166	27.8	24.8	37.2





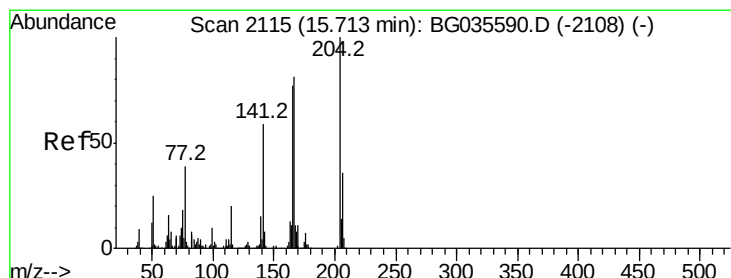
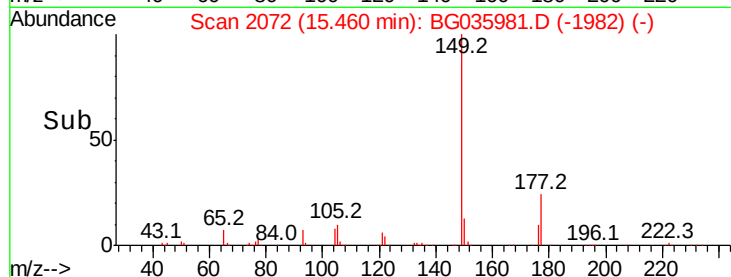
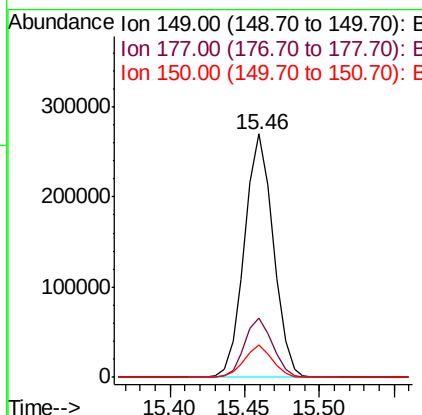
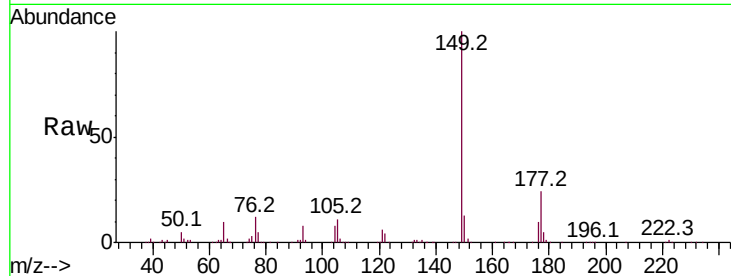
#59
Diethylphthalate
Concen: 43.366 ng
RT: 15.46 min Scan# 2072
Delta R.T. -0.00 min
Lab File: BG035981.D
Acq: 30 Jul 2018 18:16

Instrument :
BNA_G
ClientSampleId :
PB111568BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
177	24.4	18.5	27.7	
150	13.1	10.2	15.2	

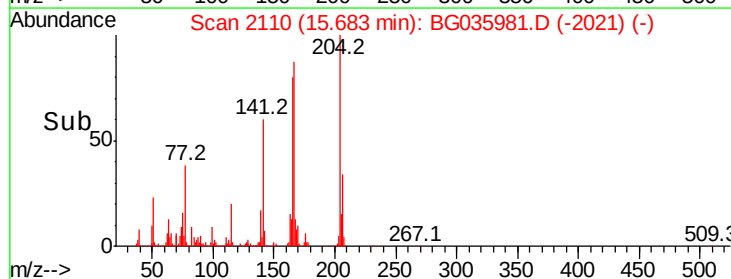
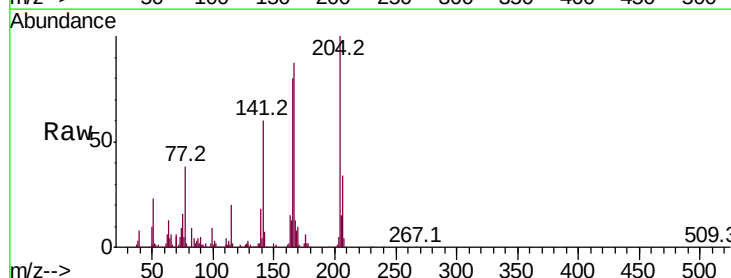
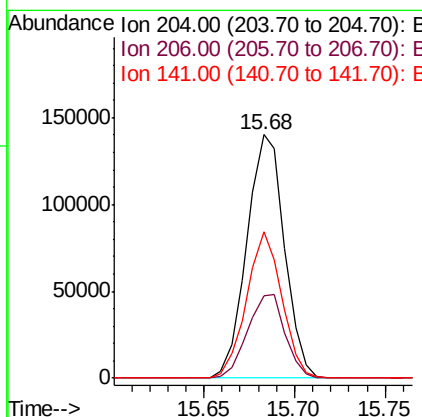
Manual Integrations
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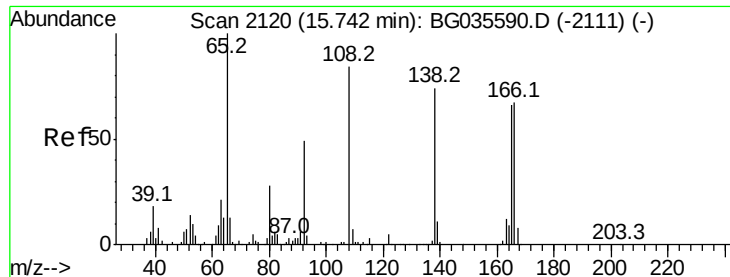
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 44.410 ng
RT: 15.68 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BG035981.D
Acq: 30 Jul 2018 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
204	100			
206	33.7	26.2	39.2	
141	60.4	45.8	68.6	





#61

4-Nitroaniline

Concen: 45.723 ng

RT: 15.72 min Scan# 2116

Delta R.T. -0.01 min

Lab File: BG035981.D

Acq: 30 Jul 2018 18:16

Instrument :

BNA_G

ClientSampleId :

PB111568BS

Tot Ion:138 Resp: 80269

Ion Ratio Lower Upper

138 100

92 58.4 40.1 80.1

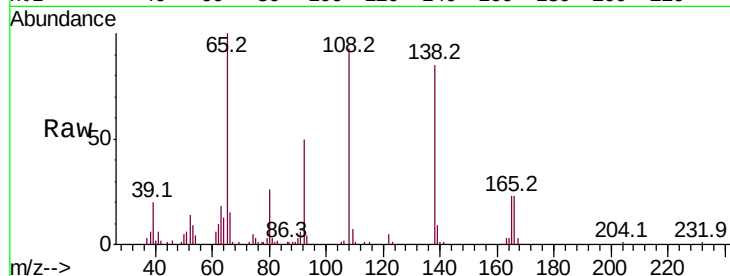
108 109.8 65.4 105.4#

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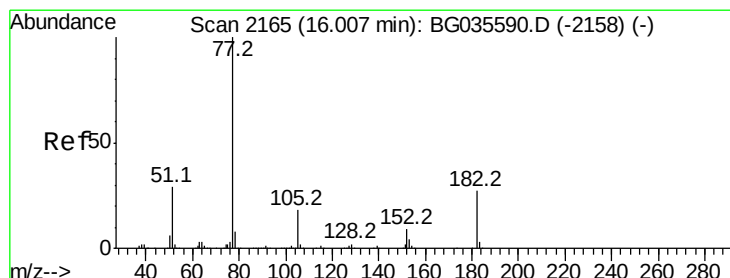
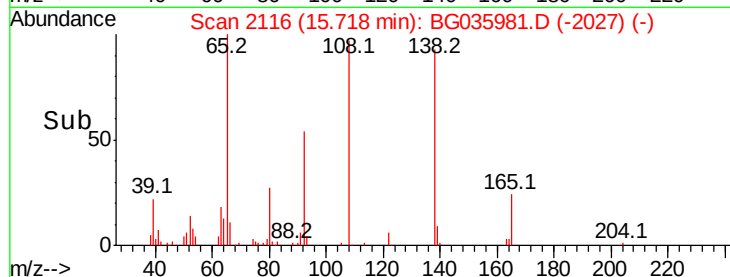
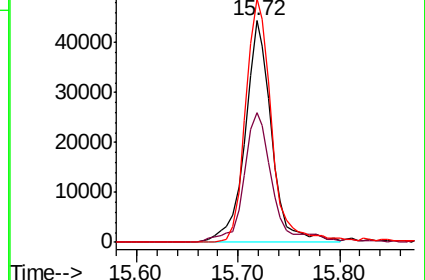
7/31/2018 12:20:47 PM



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 43.807 ng

RT: 15.98 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BG035981.D

Acq: 30 Jul 2018 18:16

Tgt Ion: 77 Resp: 358274

Ion Ratio Lower Upper

77 100

182 28.5 7.4 47.4

105 18.7 0.3 40.3

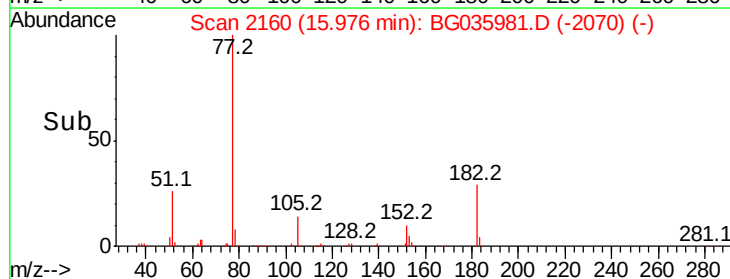
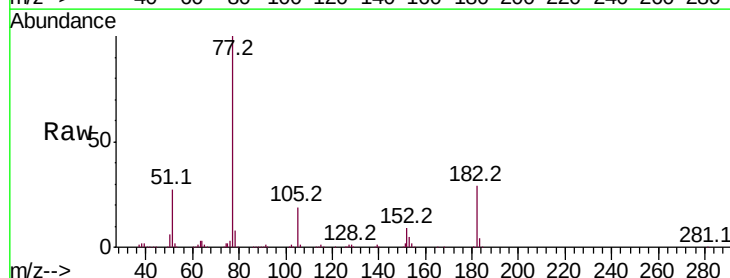
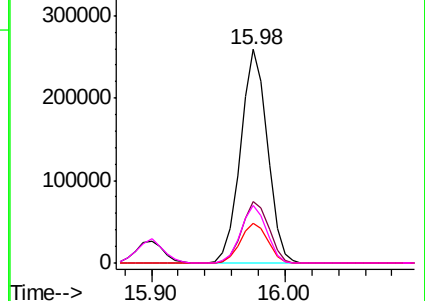
51 27.0 11.6 51.6

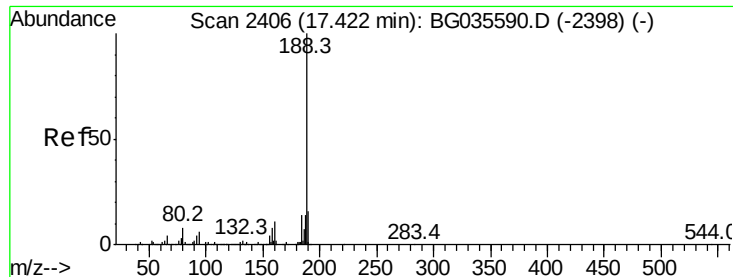
Abundance Ion 77.00 (76.70 to 77.70): BG

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BG





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BG035981.D

Acq: 30 Jul 2018 18:16

Instrument :

BNA_G

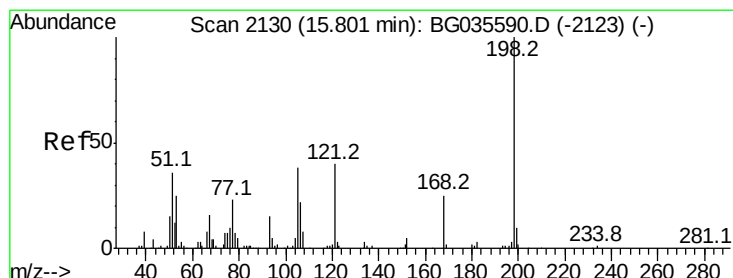
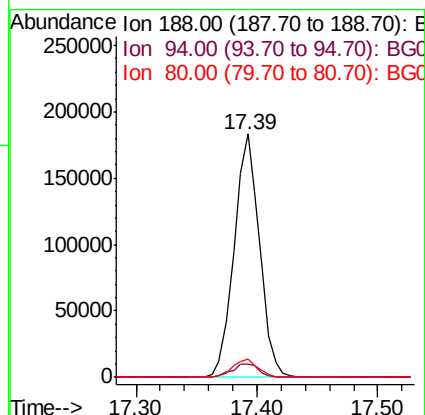
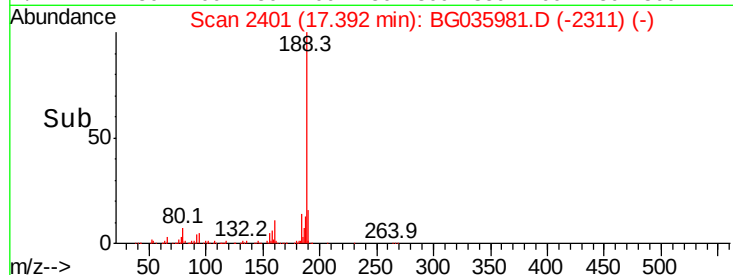
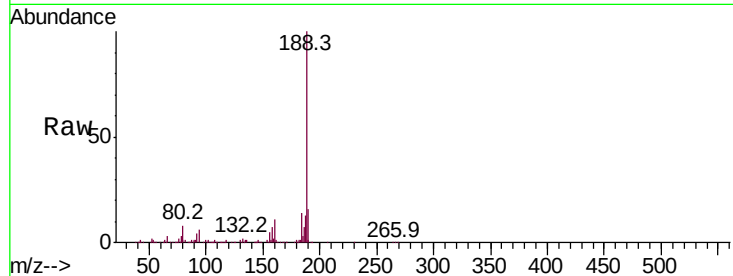
ClientSampleId :

PB111568BS

Tot Ion:188	Resp: 267708
Ion Ratio	Lower Upper
188 100	
94 5.5	6.9 10.3#
80 7.6	7.7 11.5#

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#64

4,6-Dinitro-2-methylphenol

Concen: 44.696 ng

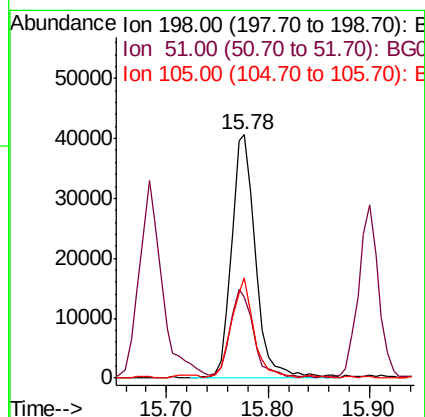
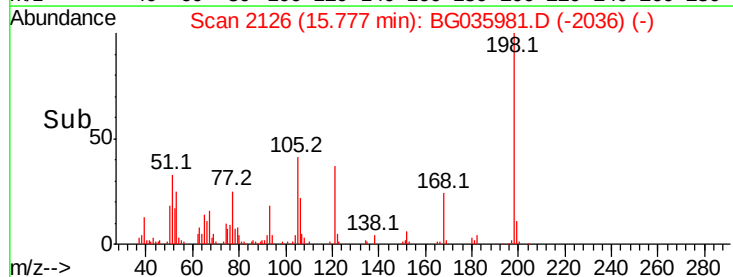
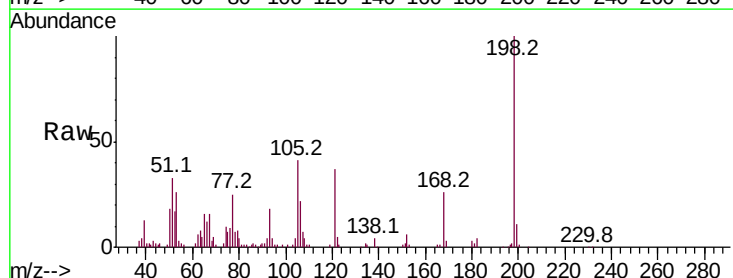
RT: 15.78 min Scan# 2126

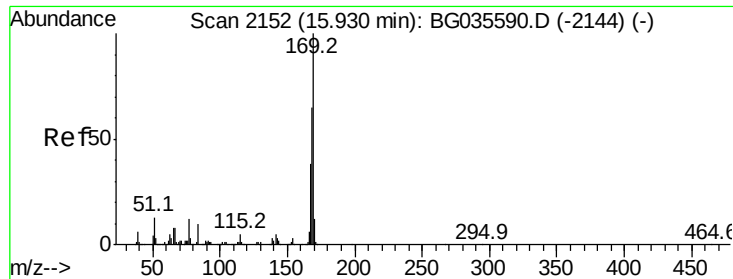
Delta R.T. -0.00 min

Lab File: BG035981.D

Acq: 30 Jul 2018 18:16

Tgt Ion:198	Resp: 66608
Ion Ratio	Lower Upper
198 100	
51 33.1	30.6 70.6
105 41.0	23.8 63.8





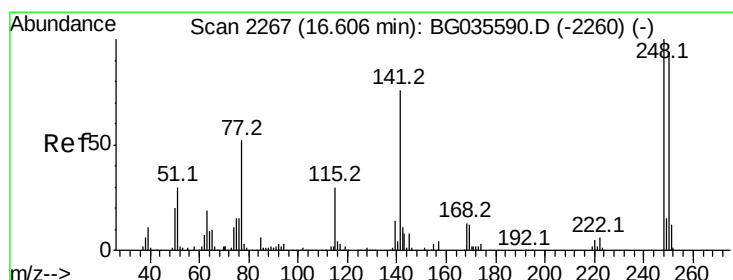
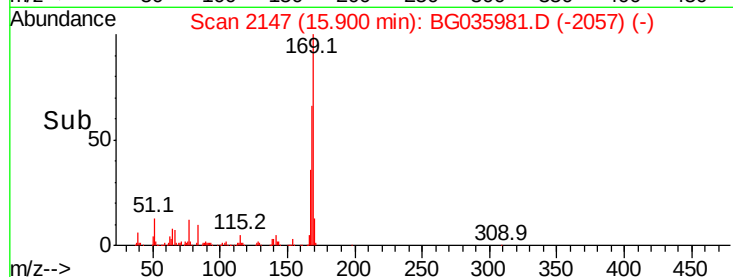
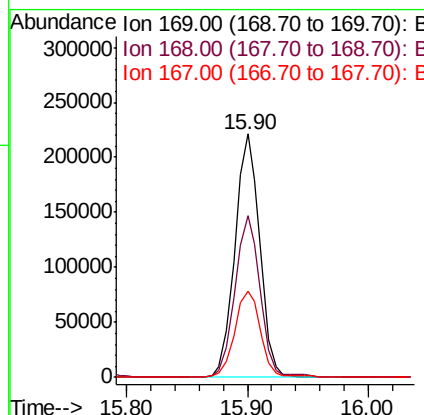
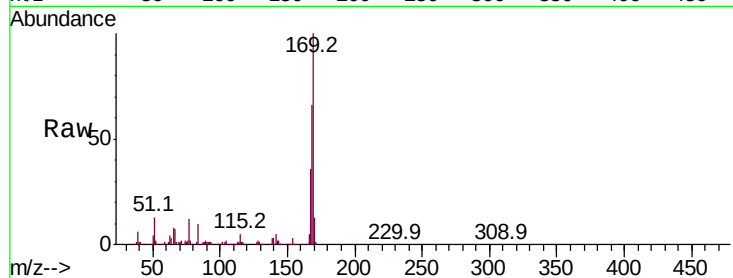
#65
n-Nitrosodiphenylamine
Concen: 41.326 ng
RT: 15.90 min Scan# 2147
Delta R.T. -0.00 min
Lab File: BG035981.D
Acq: 30 Jul 2018 18:16

Instrument :
BNA_G
ClientSampleId :
PB111568BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	66.5	55.7	83.5	
167	35.5	30.1	45.1	

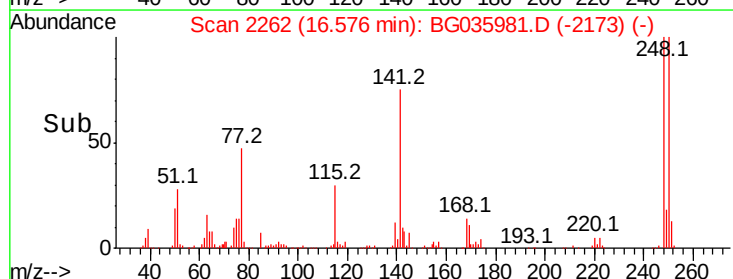
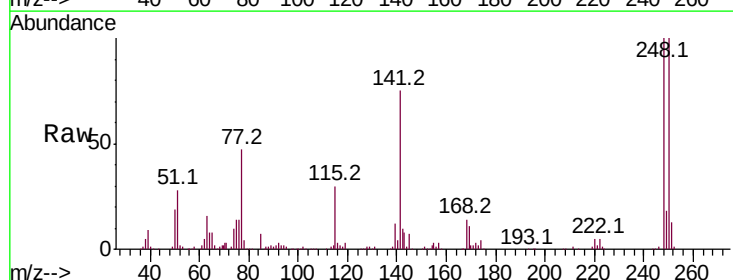
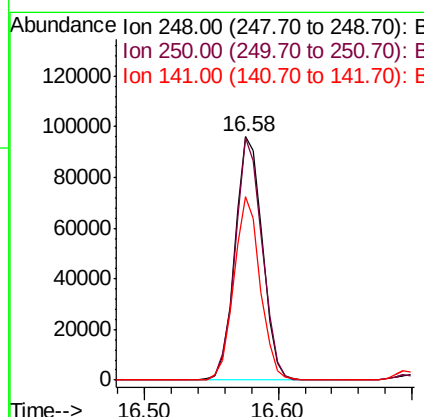
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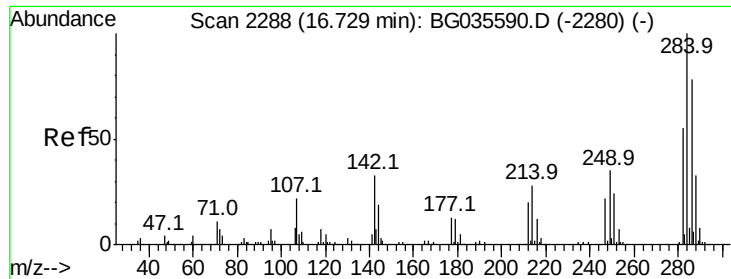
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#66
4-Bromophenyl-phenylether
Concen: 44.248 ng
RT: 16.58 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BG035981.D
Acq: 30 Jul 2018 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	99.5	77.1	115.7	
141	75.1	50.8	76.2	





#67

Hexachlorobenzene

Concen: 44.501 ng

RT: 16.70 min Scan# 2283

Delta R.T. -0.00 min

Lab File: BG035981.D

Acq: 30 Jul 2018 18:16

Instrument :

BNA_G

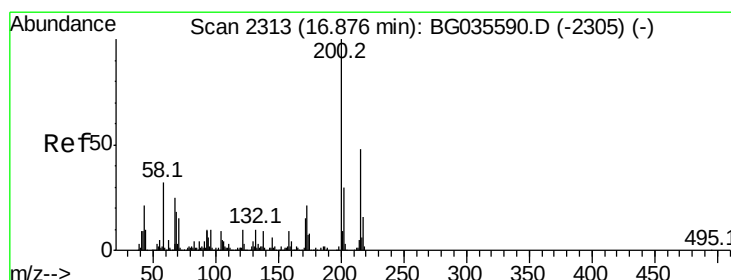
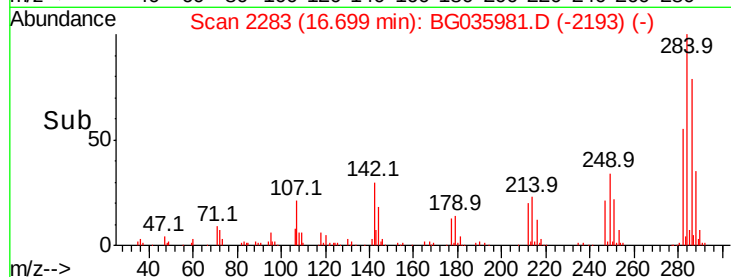
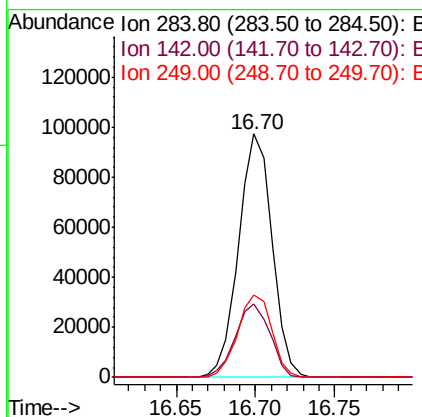
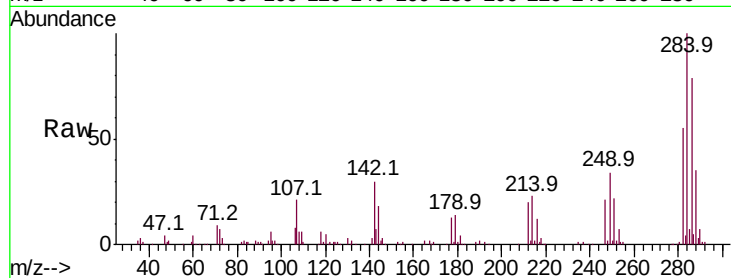
ClientSampleId :

PB111568BS

Tot Ion:	284	Resp:	142333
Ion Ratio		Lower	Upper
284	100		
142	30.4	26.8	40.2
249	33.8	26.3	39.5

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#68

Atrazine

Concen: 46.928 ng

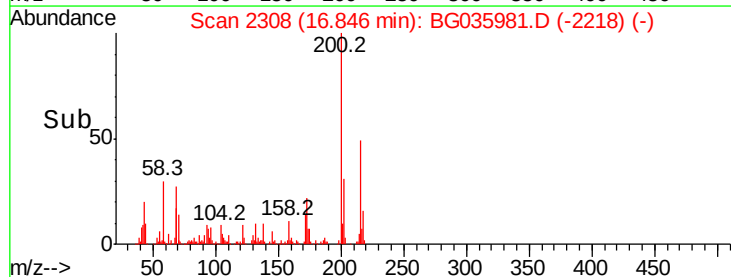
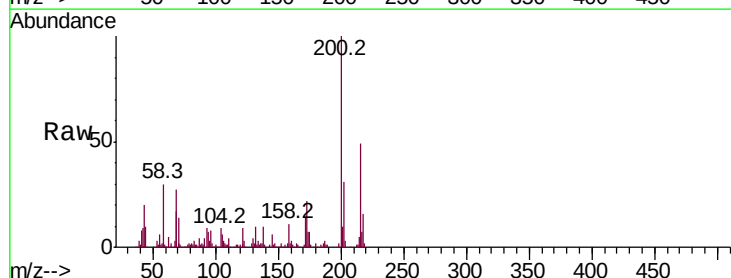
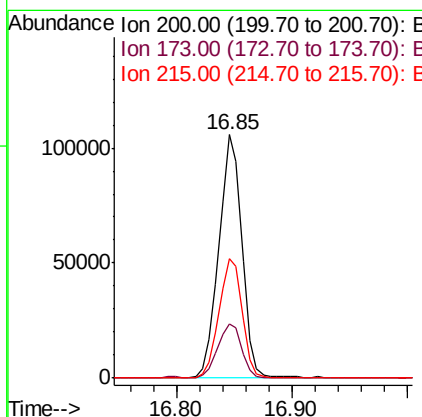
RT: 16.85 min Scan# 2308

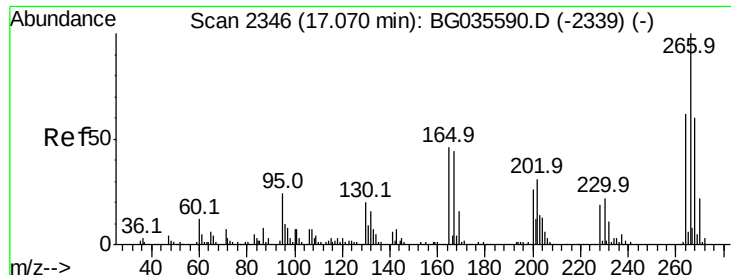
Delta R.T. -0.00 min

Lab File: BG035981.D

Acq: 30 Jul 2018 18:16

Tgt Ion:	200	Resp:	147230
Ion Ratio		Lower	Upper
200	100		
173	22.0	5.2	45.2
215	49.0	30.4	70.4





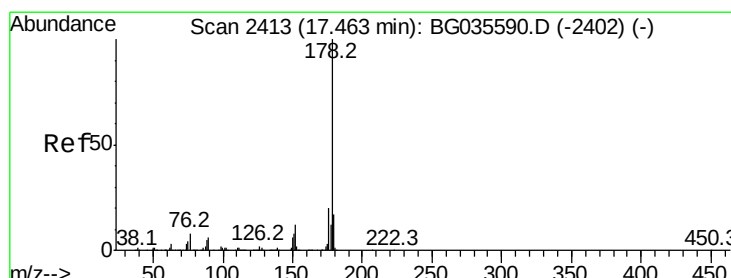
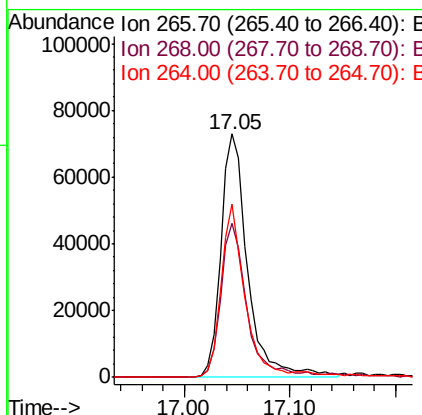
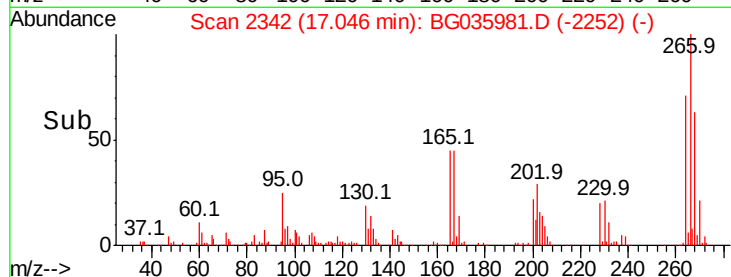
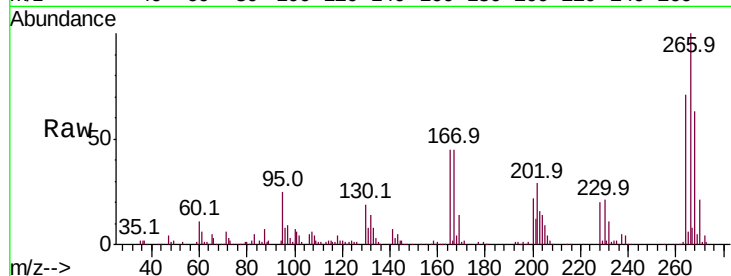
#69
 Pentachlorophenol
 Concen: 65.887 ng
 RT: 17.05 min Scan# 2342
 Delta R.T. -0.00 min
 Lab File: BG035981.D
 Acq: 30 Jul 2018 18:16

Instrument :
 BNA_G
 ClientSampleId :
 PB111568BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	63.3	51.1	76.7	
264	70.9	49.6	74.4	

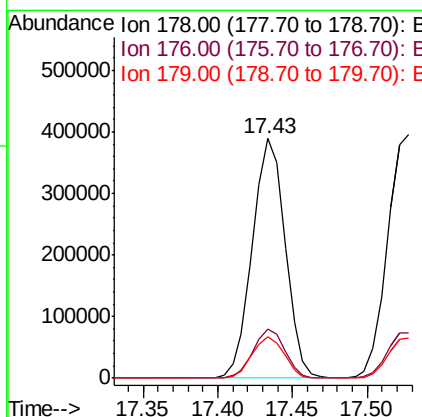
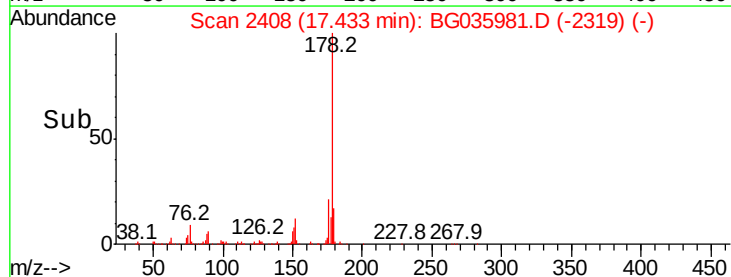
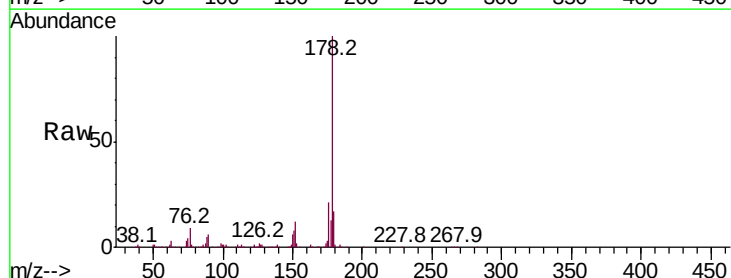
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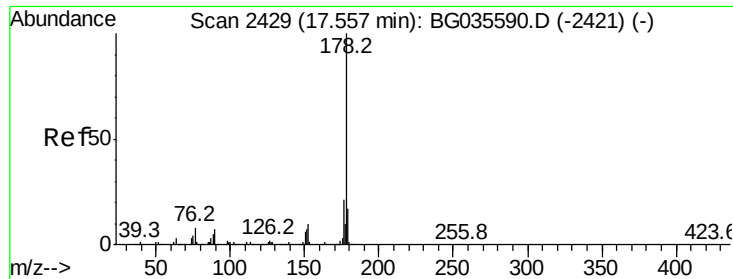
Sohil
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#70
 Phenanthrene
 Concen: 44.204 ng
 RT: 17.43 min Scan# 2408
 Delta R.T. -0.01 min
 Lab File: BG035981.D
 Acq: 30 Jul 2018 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	20.6	15.7	23.5	
179	17.3	12.5	18.7	





#71

Anthracene

Concen: 46.312 ng

RT: 17.53 min Scan# 2424

Delta R.T. -0.00 min

Lab File: BG035981.D

Acq: 30 Jul 2018 18:16

Instrument :

BNA_G

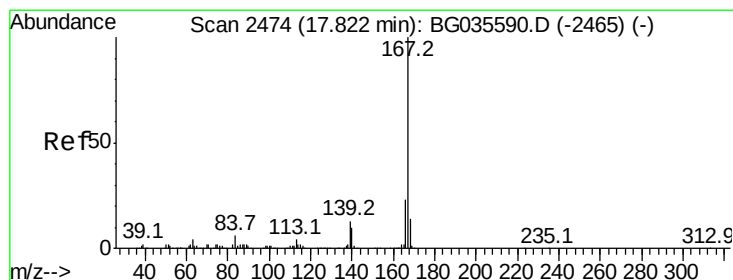
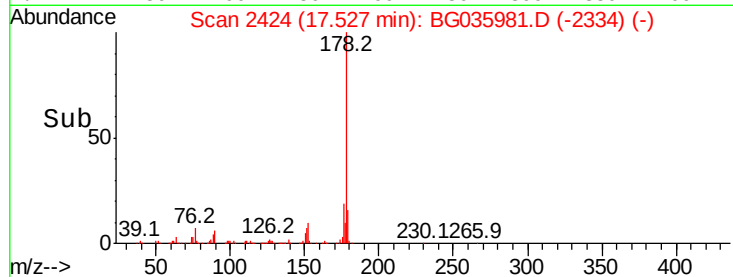
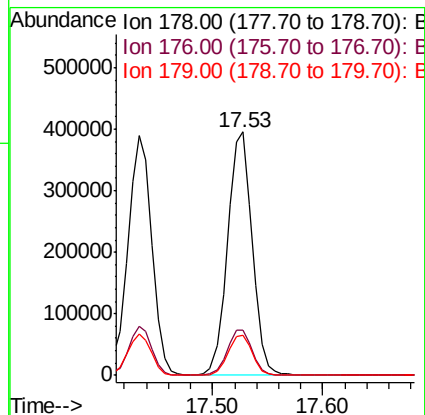
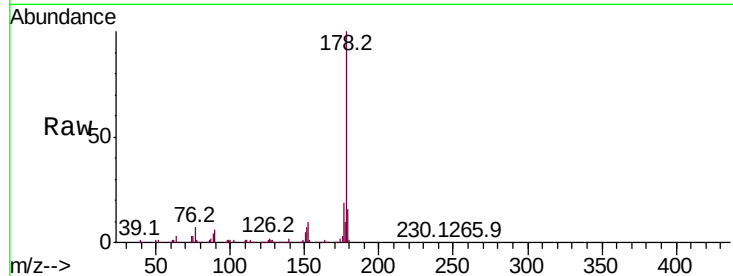
ClientSampleId :

PB111568BS

Tot Ion:	178	Resp:	616001
Ion Ratio	Lower	Upper	
178	100		
176	18.6	16.0	24.0
179	16.4	12.5	18.7

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#72

Carbazole

Concen: 44.038 ng

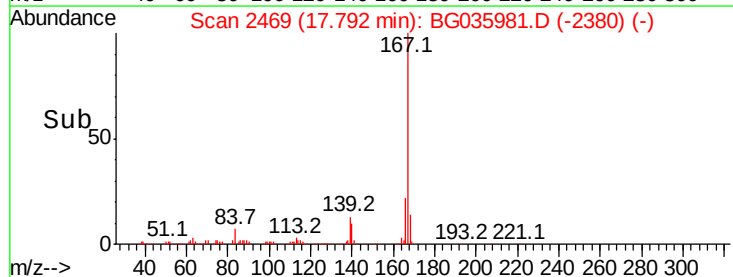
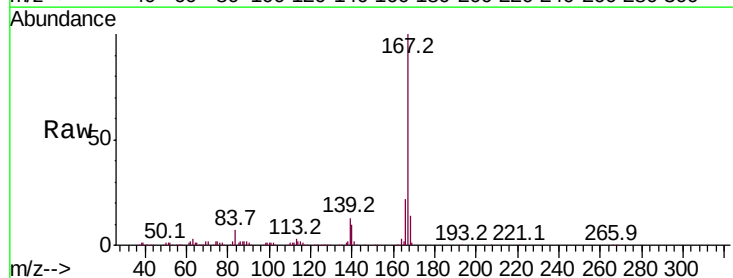
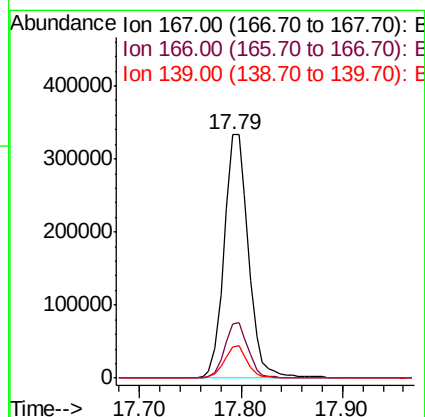
RT: 17.79 min Scan# 2469

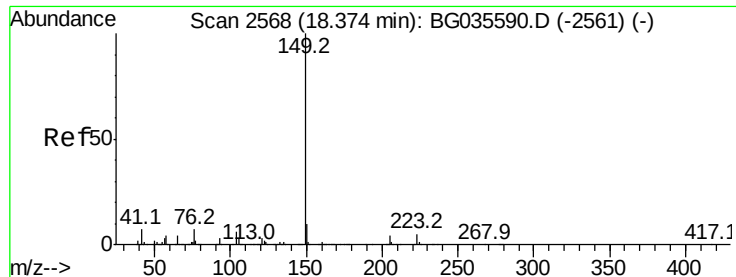
Delta R.T. -0.01 min

Lab File: BG035981.D

Acq: 30 Jul 2018 18:16

Tgt Ion:	167	Resp:	556273
Ion Ratio	Lower	Upper	
167	100		
166	22.3	18.2	27.4
139	12.9	9.4	14.2





#73

Di-n-butylphthalate

Concen: 43.024 ng

RT: 18.34 min Scan# 2563

Delta R.T. -0.01 min

Lab File: BG035981.D

Acq: 30 Jul 2018 18:16

Instrument :

BNA_G

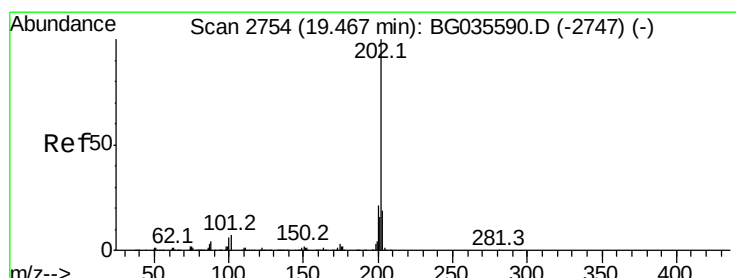
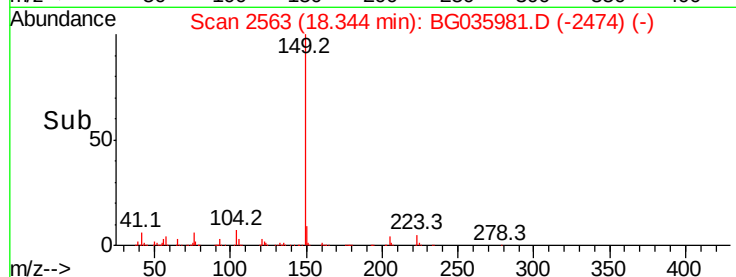
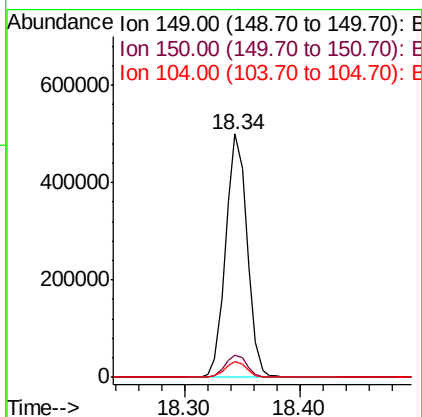
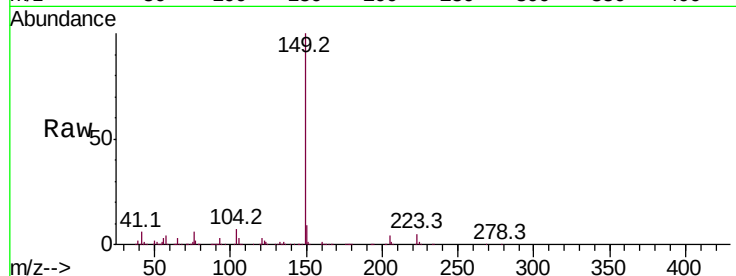
ClientSampleId :

PB111568BS

Tot Ion:	149	Resp:	642228
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.8	11.6
104	6.5	3.9	5.9#

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#74

Fluoranthene

Concen: 44.179 ng

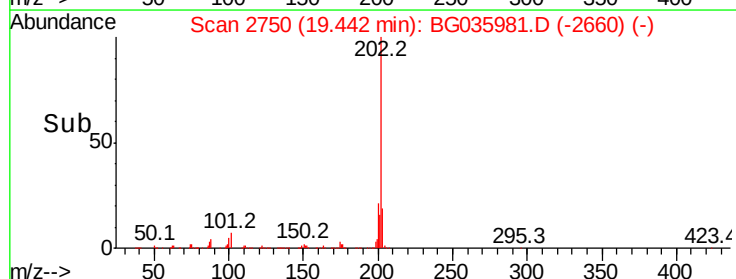
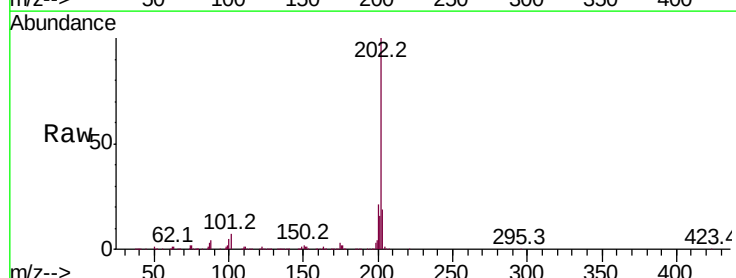
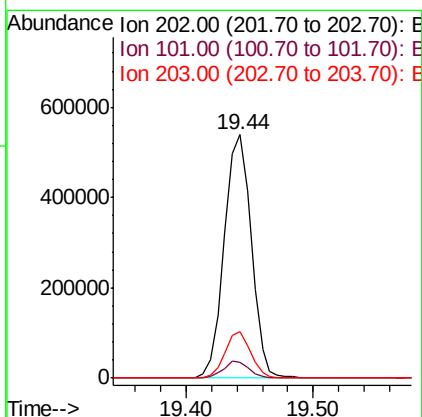
RT: 19.44 min Scan# 2750

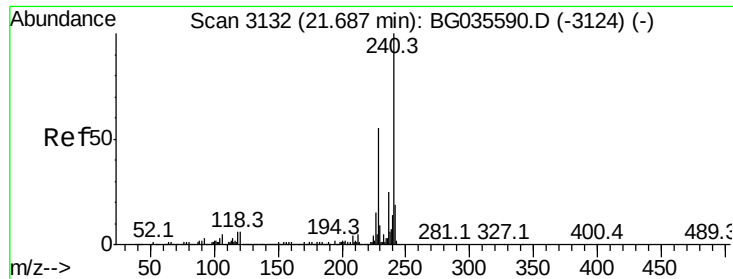
Delta R.T. -0.00 min

Lab File: BG035981.D

Acq: 30 Jul 2018 18:16

Tgt Ion:	202	Resp:	794933
Ion Ratio	Lower	Upper	
202	100		
101	6.6	0.0	28.9
203	18.9	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3127

Delta R.T. -0.00 min

Lab File: BG035981.D

Acq: 30 Jul 2018 18:16

Instrument :

BNA_G

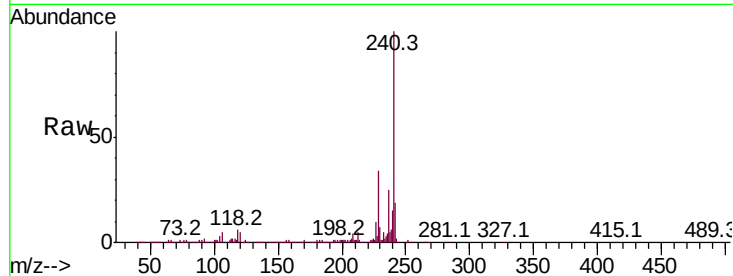
ClientSampleId :

PB111568BS

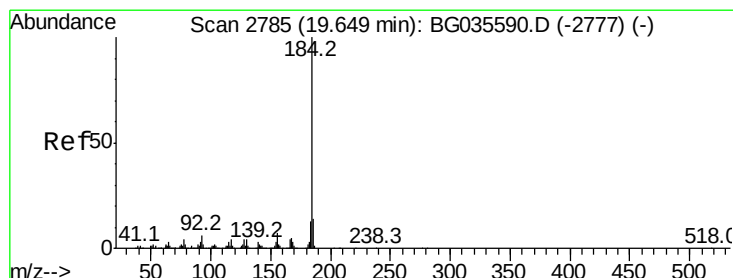
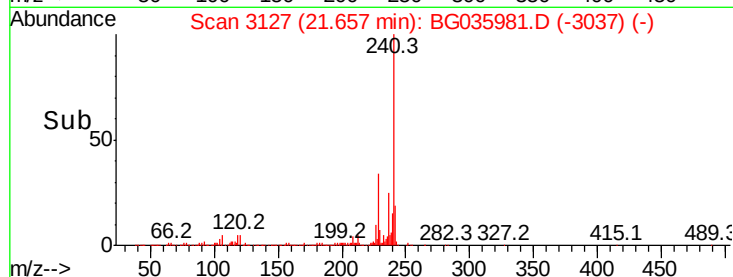
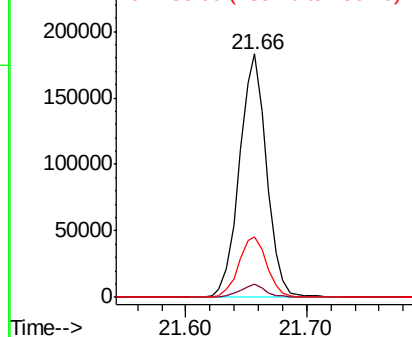
Tot Ion:	240	Resp:	286657
Ion Ratio	Lower	Upper	
240	100		
120	5.3	6.8	10.2#
236	25.0	20.9	31.3

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 25.998 ng

RT: 19.62 min Scan# 2780

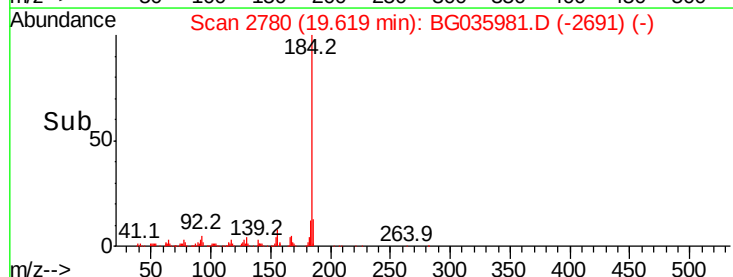
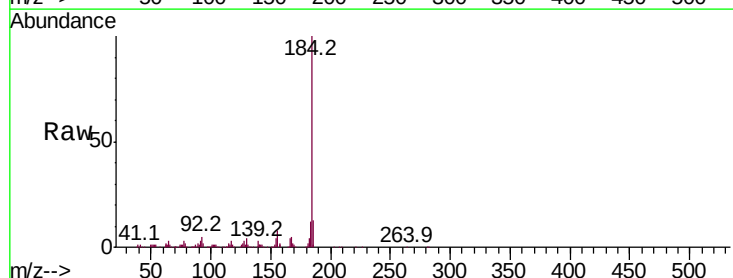
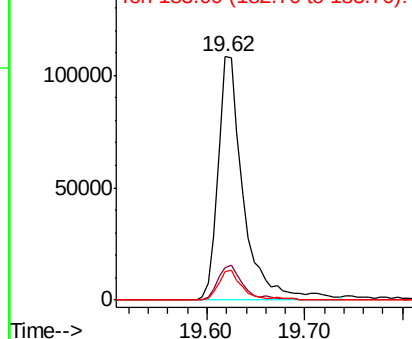
Delta R.T. -0.01 min

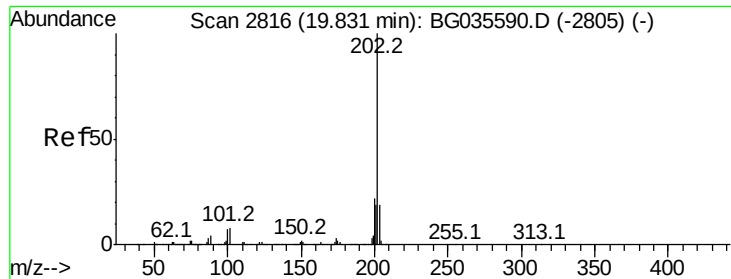
Lab File: BG035981.D

Acq: 30 Jul 2018 18:16

Tgt Ion:	184	Resp:	195925
Ion Ratio	Lower	Upper	
184	100		
185	13.4	11.1	16.7
183	11.7	10.6	16.0

Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





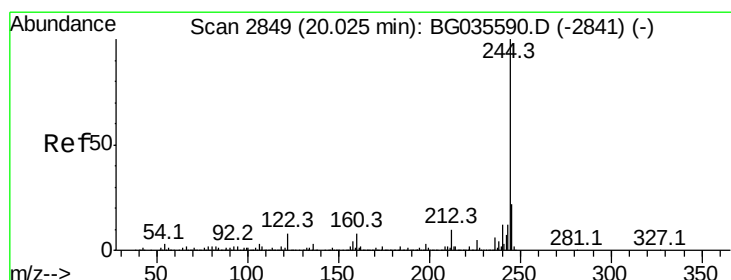
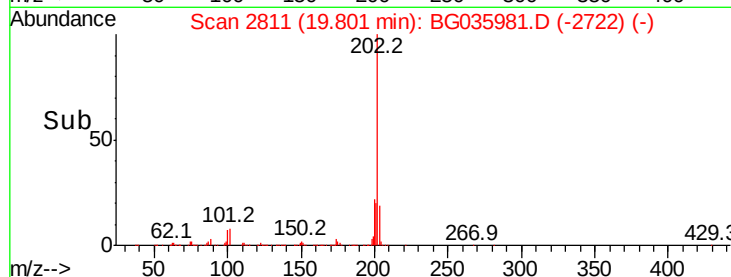
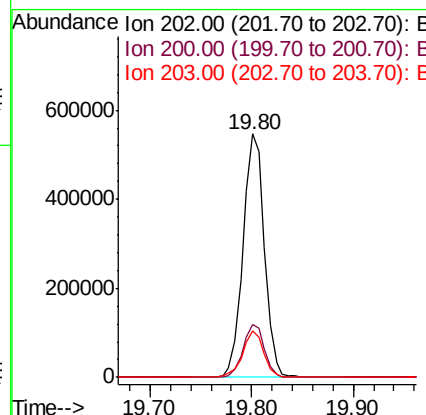
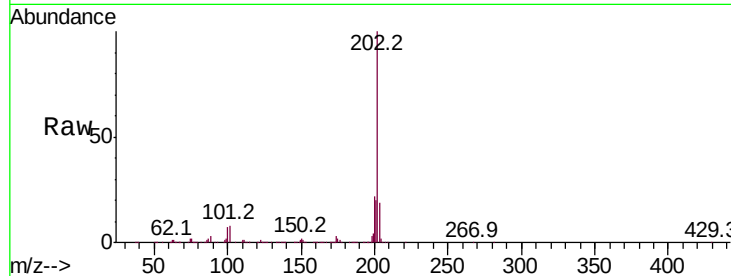
#77
Pvrene
Concen: 44.002 ng
RT: 19.80 min Scan# 2811
Delta R.T. -0.01 min
Lab File: BG035981.D
Acq: 30 Jul 2018 18:16

Instrument :
BNA_G
ClientSampleId :
PB111568BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	22.0	16.9	25.3
203	19.3	13.9	20.9

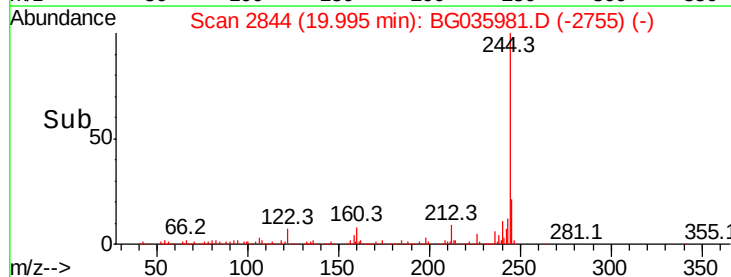
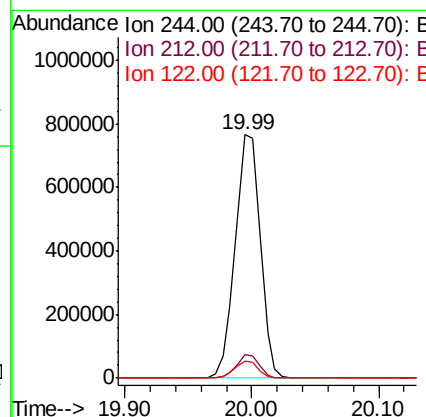
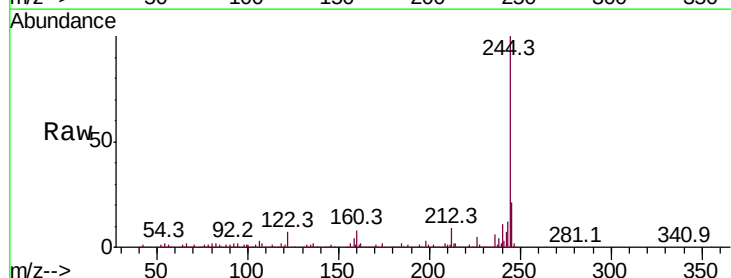
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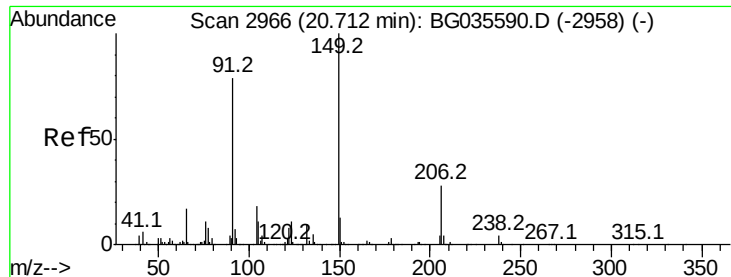
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#78
Terphenyl-d14
Concen: 80.144 ng
RT: 19.99 min Scan# 2844
Delta R.T. -0.01 min
Lab File: BG035981.D
Acq: 30 Jul 2018 18:16

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	9.5	5.8	8.8#
122	7.1	7.0	10.4





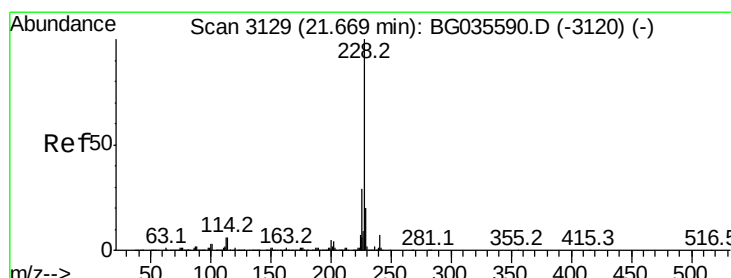
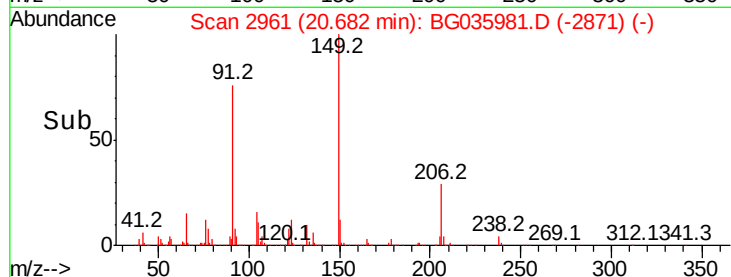
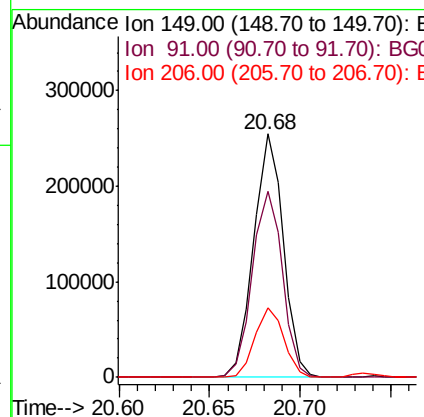
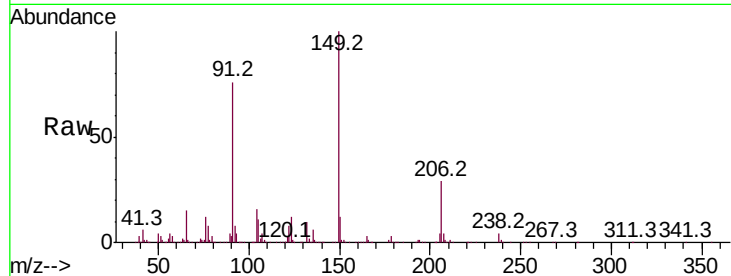
#79
Butylbenzylphthalate
Concen: 44.684 ng
RT: 20.68 min Scan# 2961
Delta R.T. -0.00 min
Lab File: BG035981.D
Acq: 30 Jul 2018 18:16

Instrument :
BNA_G
ClientSampleId :
PB111568BS

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	76.4	62.2	93.2
206	28.8	18.6	27.8

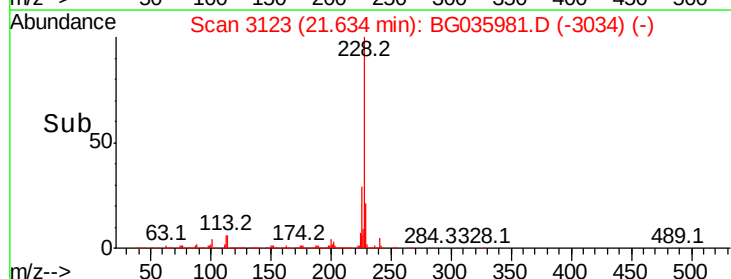
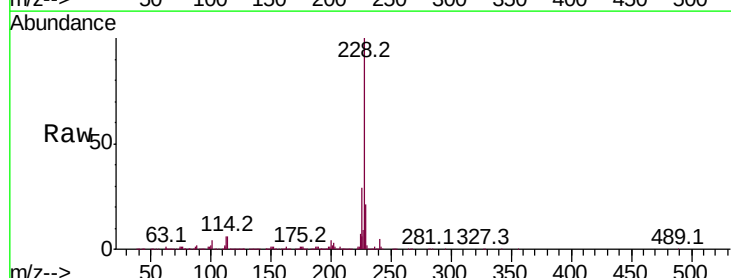
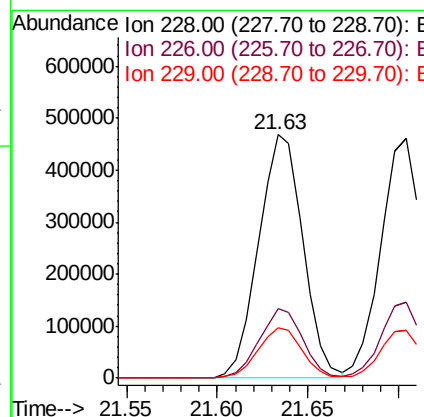
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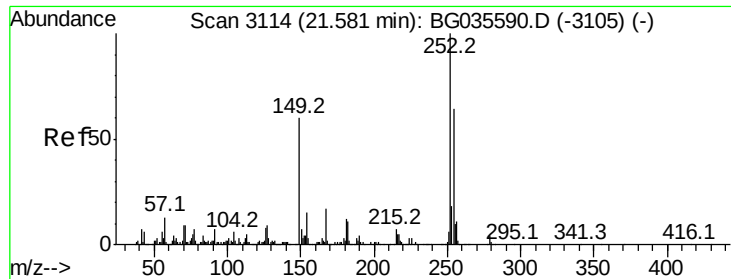
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#80
Benzo(a)anthracene
Concen: 44.525 ng
RT: 21.63 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BG035981.D
Acq: 30 Jul 2018 18:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	28.8	22.7	34.1
229	20.7	16.2	24.2





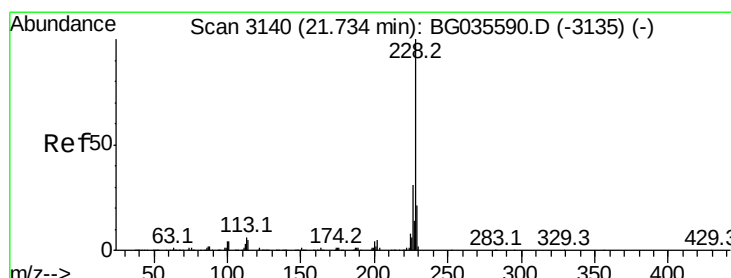
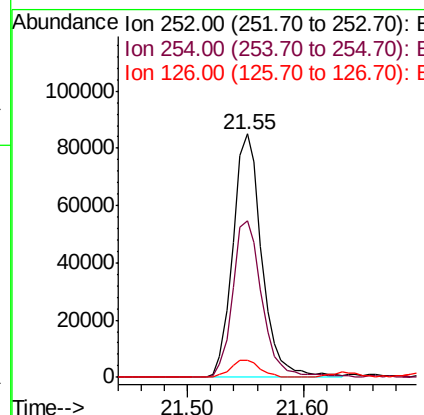
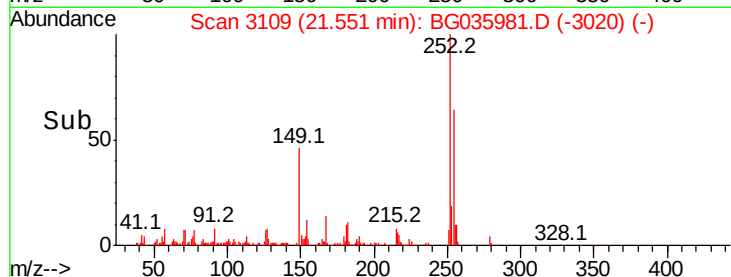
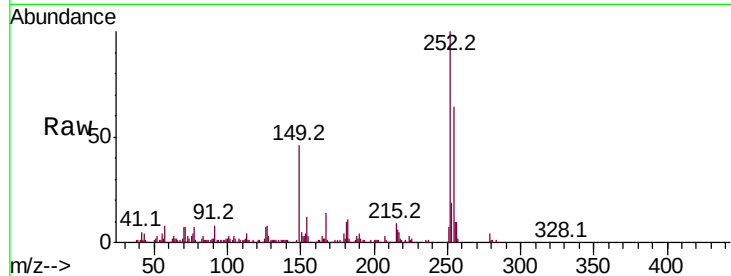
#81
 3,3'-Dichlorobenzidine
 Concen: 23.729 ng
 RT: 21.55 min Scan# 3109
 Delta R.T. -0.01 min
 Lab File: BG035981.D
 Acq: 30 Jul 2018 18:16

Instrument :
 BNA_G
 ClientSampled :
 PB111568BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.4	50.8	76.2
126	7.1	7.4	11.2#

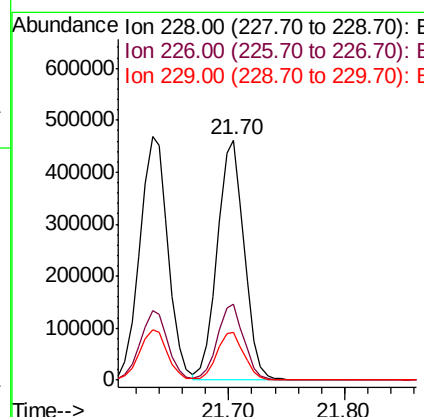
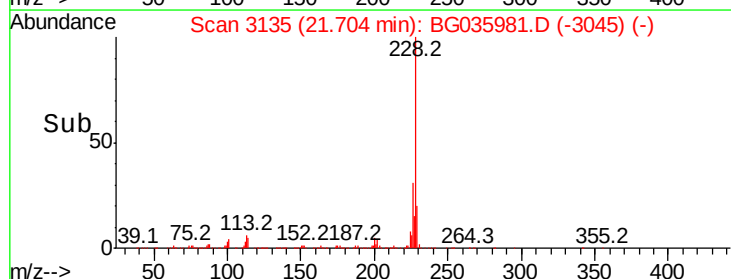
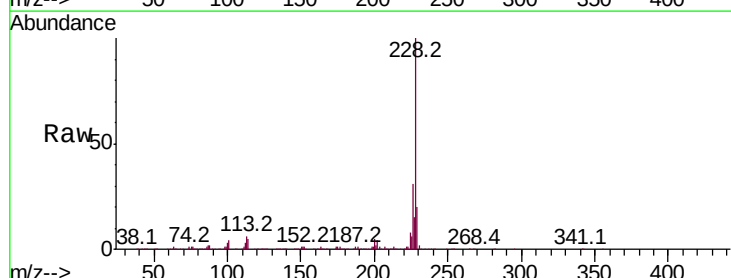
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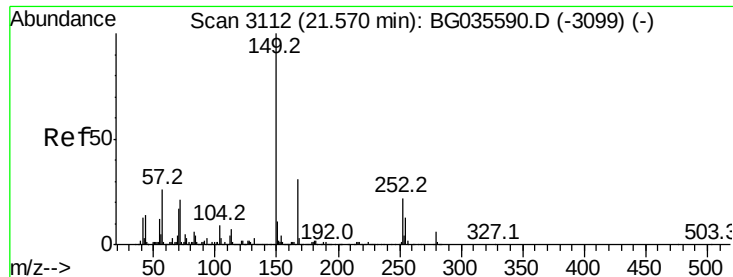
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#82
 Chrysene
 Concen: 44.811 ng
 RT: 21.70 min Scan# 3135
 Delta R.T. -0.00 min
 Lab File: BG035981.D
 Acq: 30 Jul 2018 18:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.9	37.3
229	20.1	15.0	22.4





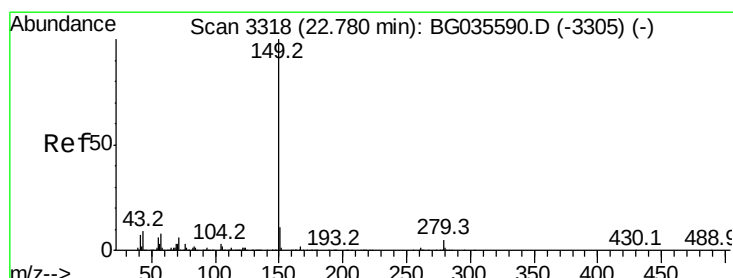
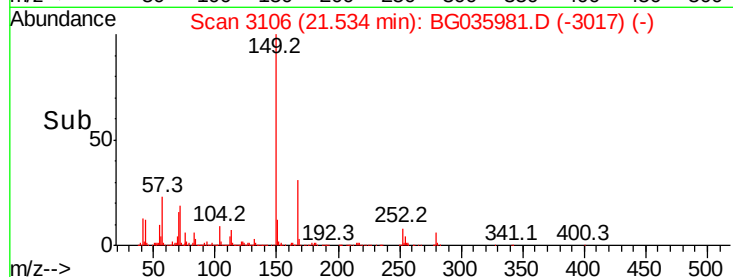
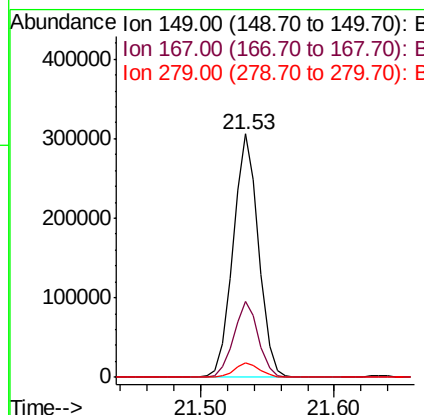
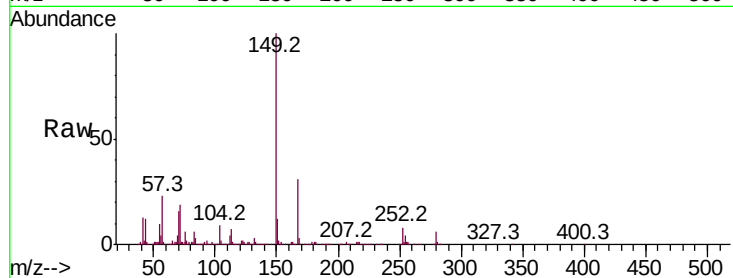
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.917 ng
 RT: 21.53 min Scan# 3106
 Delta R.T. -0.01 min
 Lab File: BG035981.D
 Acq: 30 Jul 2018 18:16

Instrument :
 BNA_G
 ClientSampleId :
 PB111568BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	31.4	24.3	36.5
279	6.2	4.0	6.0#

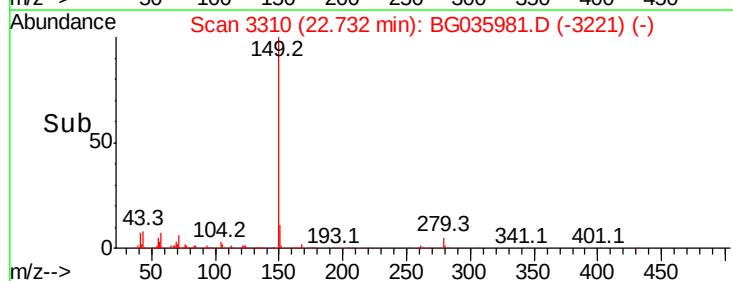
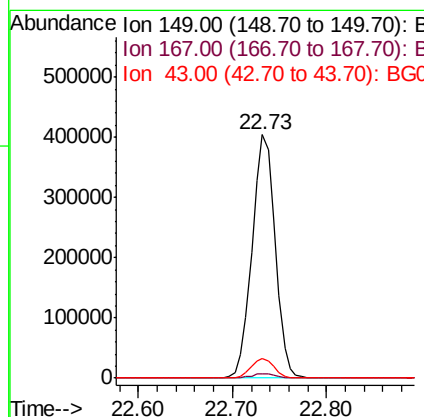
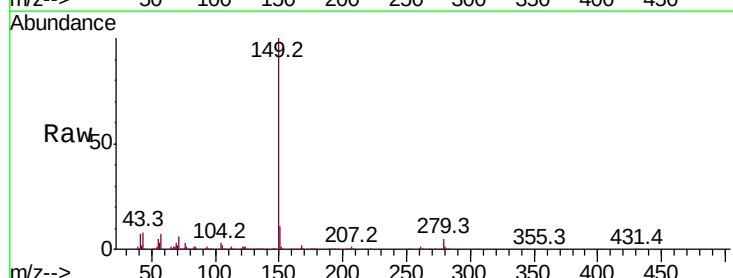
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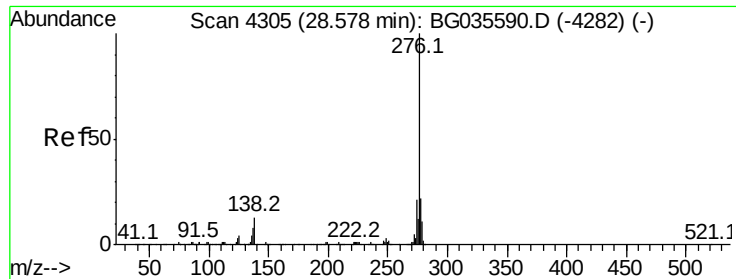
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#84
 Di-n-octyl phthalate
 Concen: 46.679 ng
 RT: 22.73 min Scan# 3310
 Delta R.T. -0.01 min
 Lab File: BG035981.D
 Acq: 30 Jul 2018 18:16

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	8.1	8.9	13.3#





#85

Indeno(1,2,3-cd)pyrene

Concen: 45.700 ng

RT: 28.49 min Scan# 4290

Delta R.T. -0.01 min

Lab File: BG035981.D

Acq: 30 Jul 2018 18:16

Instrument :

BNA_G

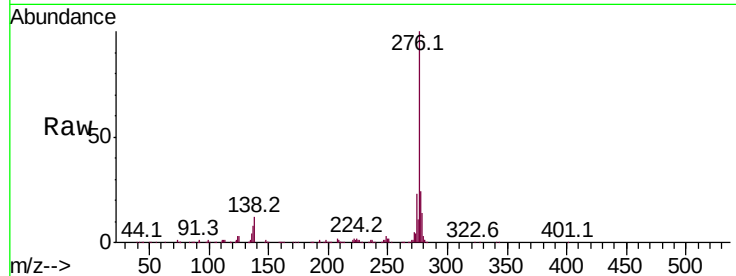
ClientSampleId :

PB111568BS

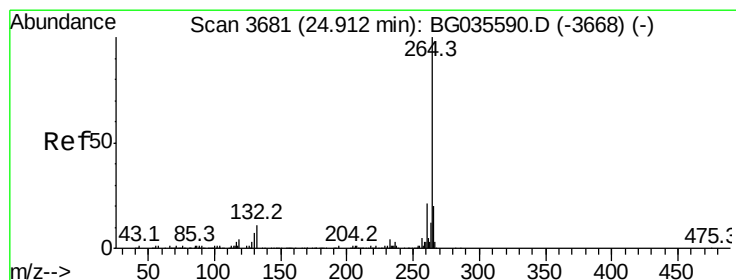
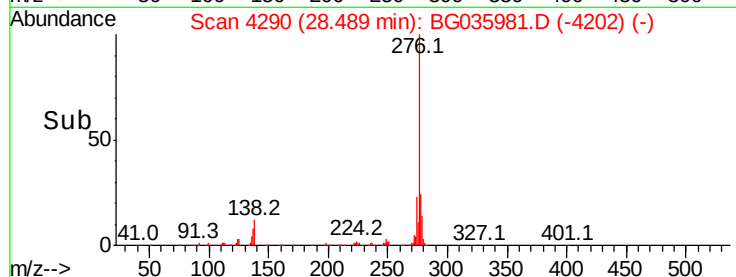
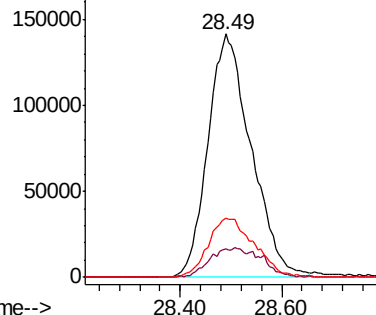
Tot Ion:	276	Resp:	837560
Ion Ratio	Lower	Upper	
276	100		
138	6.5	16.0	24.0#
277	26.0	20.0	30.0

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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

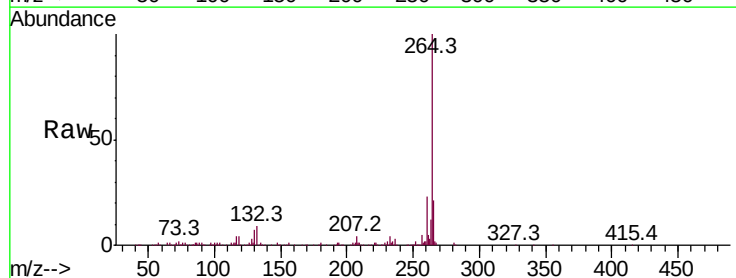
RT: 24.85 min Scan# 3670

Delta R.T. -0.01 min

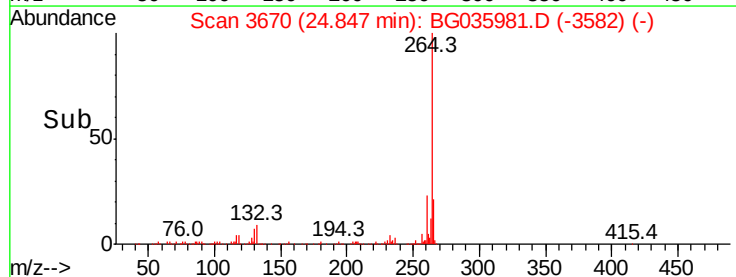
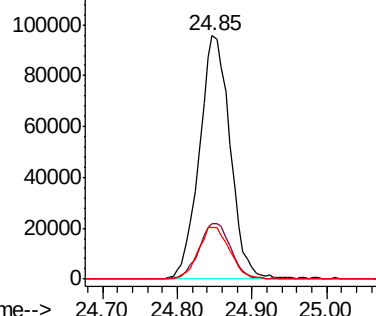
Lab File: BG035981.D

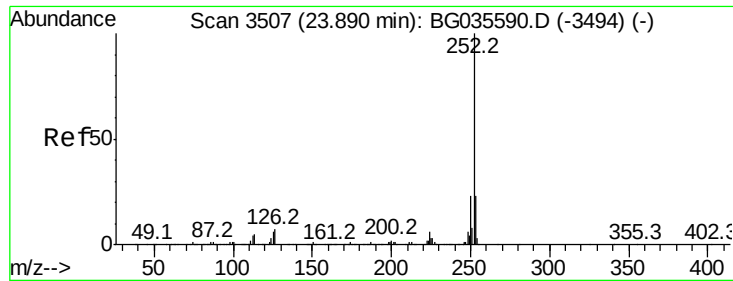
Acq: 30 Jul 2018 18:16

Tgt Ion:	264	Resp:	275040
Ion Ratio	Lower	Upper	
264	100		
260	22.9	17.4	26.0
265	21.1	17.7	26.5



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 45.807 ng

RT: 23.84 min Scan# 3498

Delta R.T. -0.01 min

Lab File: BG035981.D

Acq: 30 Jul 2018 18:16

Instrument :

BNA_G

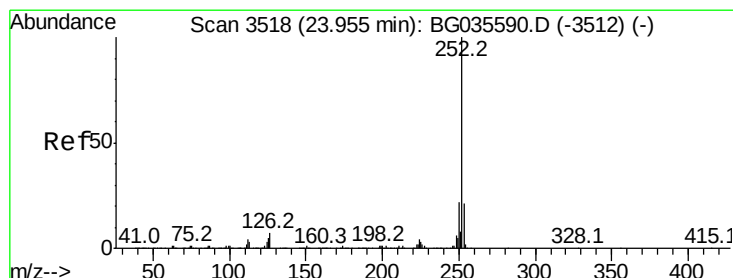
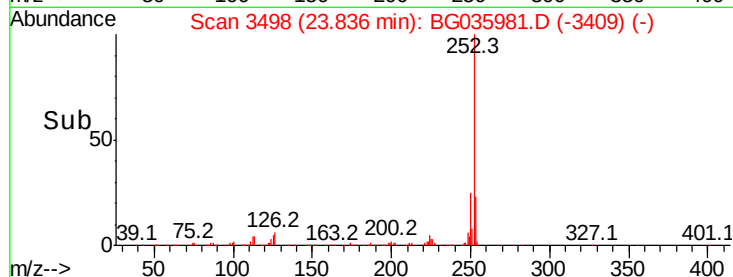
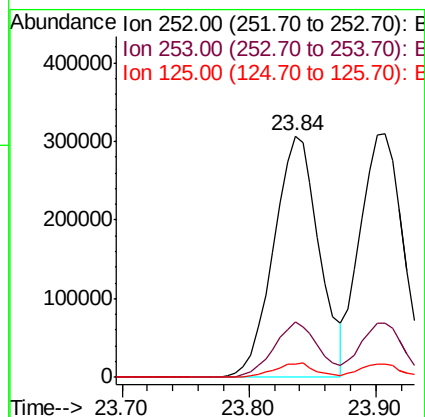
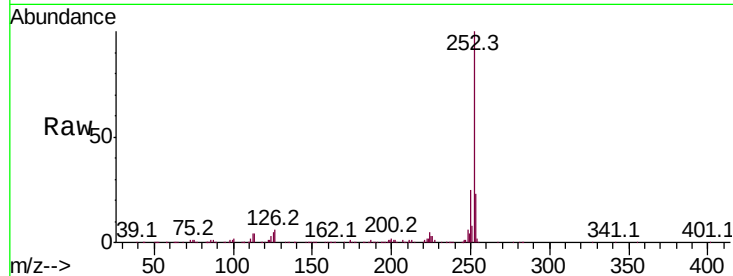
ClientSampleId :

PB111568BS

Tot Ion:252	Resp:	765756
Ion Ratio	Lower	Upper
252 100		
253 23.1	18.2	27.4
125 5.5	7.2	10.8#

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#88

Benzo(k)fluoranthene

Concen: 44.573 ng

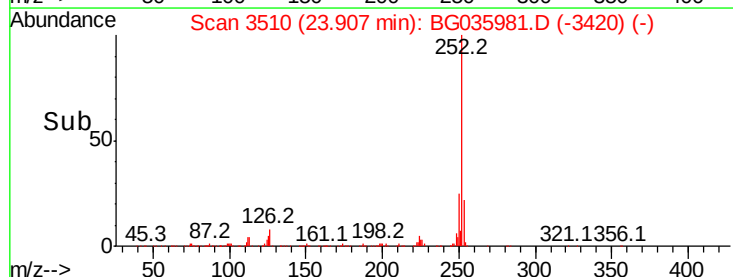
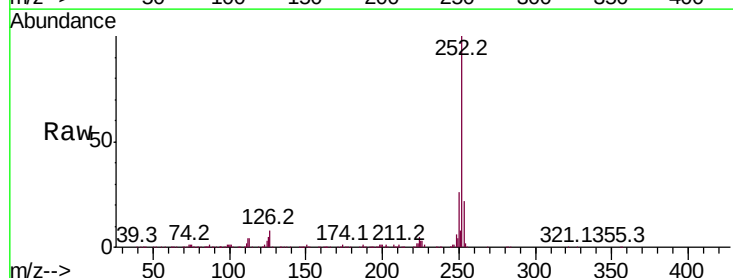
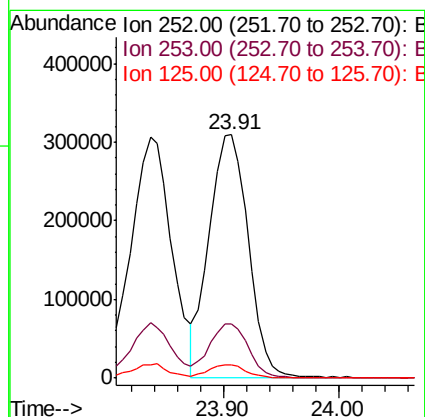
RT: 23.91 min Scan# 3510

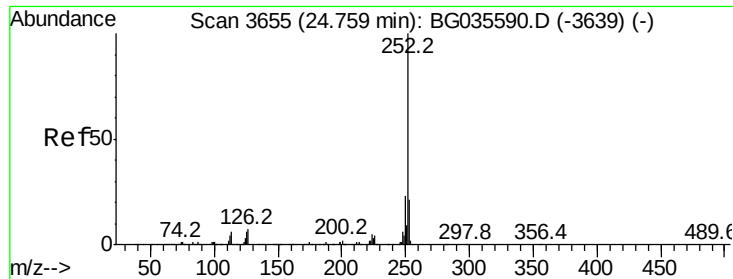
Delta R.T. -0.00 min

Lab File: BG035981.D

Acq: 30 Jul 2018 18:16

Tgt Ion:252	Resp:	728452
Ion Ratio	Lower	Upper
252 100		
253 22.4	17.4	26.2
125 5.4	6.6	9.8#





#89

Benzo(a)pyrene

Concen: 47.502 ng

RT: 24.70 min Scan# 3645

Delta R.T. -0.01 min

Lab File: BG035981.D

Acq: 30 Jul 2018 18:16

Instrument :

BNA_G

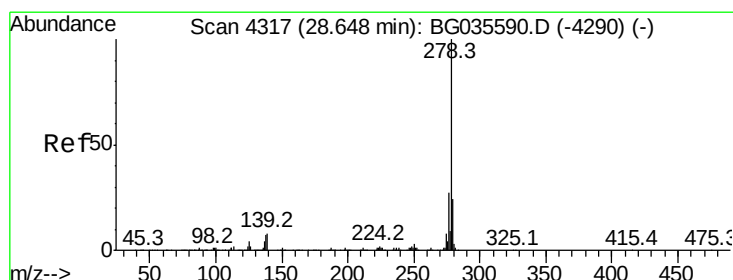
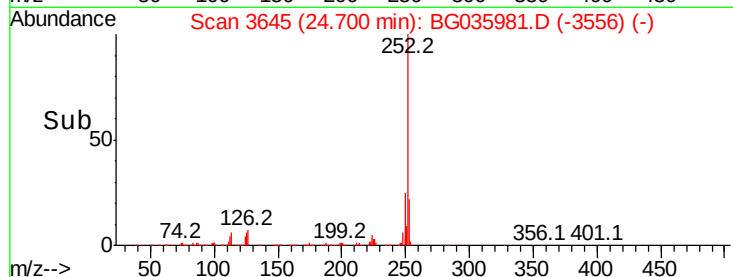
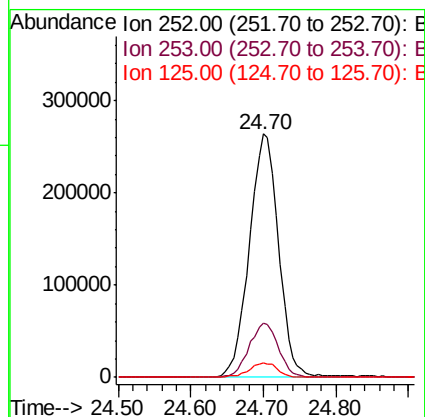
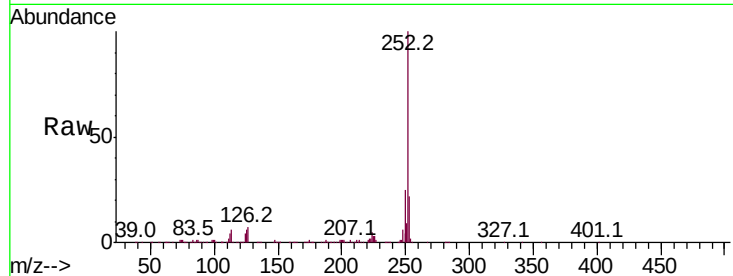
ClientSampleId :

PB111568BS

Tot Ion:	252	Resp:	738759
Ion Ratio	Lower	Upper	
252	100		
253	22.1	18.3	27.5
125	6.1	7.3	10.9#

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#90

Dibenzo(a,h)anthracene

Concen: 45.535 ng

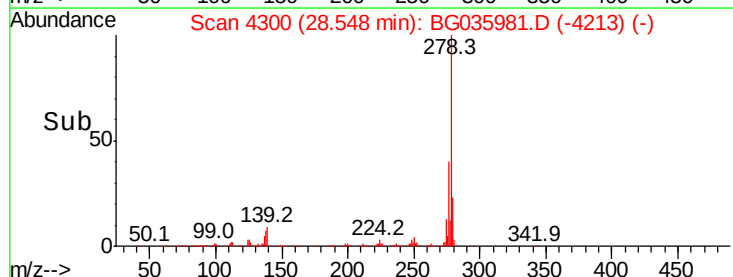
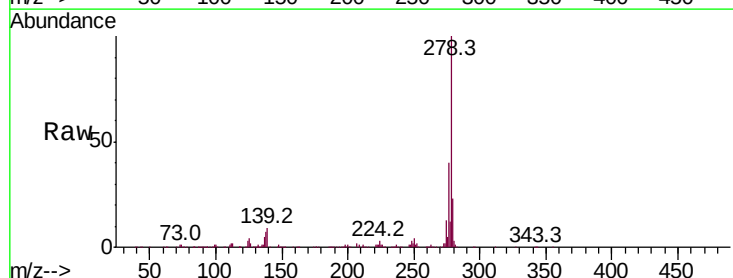
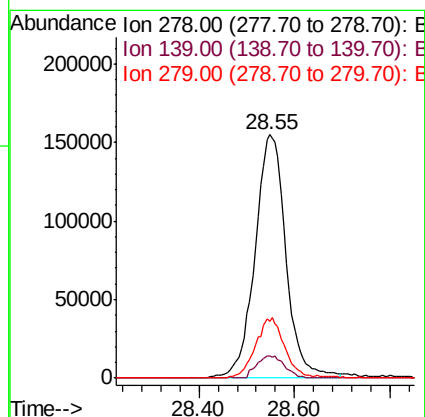
RT: 28.55 min Scan# 4300

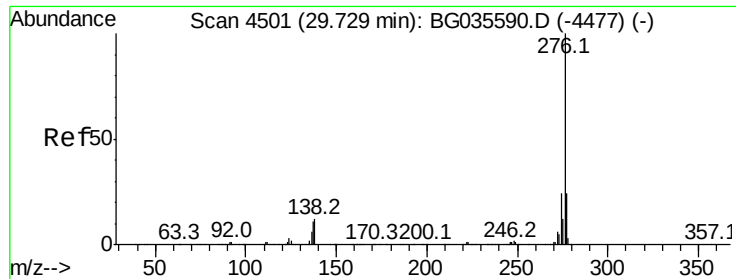
Delta R.T. -0.02 min

Lab File: BG035981.D

Acq: 30 Jul 2018 18:16

Tgt Ion:	278	Resp:	695238
Ion Ratio	Lower	Upper	
278	100		
139	9.0	9.8	14.6#
279	23.5	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 47.036 ng
 RT: 29.64 min Scan# 4486
 Delta R.T. 0.00 min
 Lab File: BG035981.D
 Acq: 30 Jul 2018 18:16

Instrument :
 BNA_G
 ClientSampleId :
 PB111568BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.3	27.5
138	11.4	13.9	20.9

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