

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071318\
 Data File : BG035640.D
 Acq On : 13 Jul 2018 22:01
 Operator : JU/SJ
 Sample : PB111092BSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111092BSD

Manual Integrations
 APPROVED

Sohil
 7/16/2018 3:24:24 PM

Quant Time: Jul 14 01:14:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 12 14:43:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	38395	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	159781	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	125569	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	331768	20.00	ng	0.00
75) Chrysene-d12	21.69	240	338443	20.00	ng	0.00
86) Perylene-d12	24.91	264	332835	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	400087	173.00	ng	0.00
7) Phenol-d6	7.23	99	605104	175.37	ng	0.00
23) Nitrobenzene-d5	9.22	82	380505	99.48	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	277298	167.54	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	893741	95.36	ng	0.00
78) Terphenyl-d14	20.03	244	1550183	100.96	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	38976	33.113	ng	# 75
3) Pyridine	3.94	79	116612	37.950	ng	# 81
4) n-Nitrosodimethylamine	3.85	42	55573	42.120	ng	# 82
6) Aniline	7.38	93	147526	32.987	ng	98
8) 2-Chlorophenol	7.62	128	132470	56.321	ng	98
9) Benzaldehyde	7.20	77	89696	42.367	ng	94
10) Phenol	7.25	94	201389	57.772	ng	95
11) bis(2-Chloroethyl)ether	7.48	93	125364	45.921	ng	90
12) 1,3-Dichlorobenzene	7.94	146	131779	46.395	ng	94
13) 1,4-Dichlorobenzene	8.09	146	131947	45.721	ng	97
14) 1,2-Dichlorobenzene	8.41	146	129958	46.876	ng	96
15) Benzyl Alcohol	8.29	79	164848	52.612	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.58	45	151718	66.288	ng	81
17) 2-Methylphenol	8.49	107	134415	56.713	ng	# 92
18) Hexachloroethane	9.14	117	48720	44.153	ng	94
19) n-Nitroso-di-n-propylamine	8.86	70	130542	44.929	ng	# 84
20) 3+4-Methylphenols	8.82	107	188507	57.332	ng	88
22) Acetophenone	8.88	105	227956	45.878	ng	# 94
24) Nitrobenzene	9.26	77	190654	49.564	ng	92
25) Isophorone	9.78	82	375898	52.942	ng	99
26) 2-Nitrophenol	9.97	139	79785	58.402	ng	# 94
27) 2,4-Dimethylphenol	10.03	122	143940	62.245	ng	89
28) bis(2-Chloroethoxy)methane	10.26	93	193929	49.568	ng	99
29) 2,4-Dichlorophenol	10.51	162	158883	60.190	ng	97
30) 1,2,4-Trichlorobenzene	10.72	180	160399	49.554	ng	97
31) Naphthalene	10.91	128	404907	48.648	ng	99
32) Benzoic acid	10.19	122	70840	45.506	ng	96
33) 4-Chloroaniline	11.01	127	47934	13.214	ng	97
34) Hexachlorobutadiene	11.19	225	119238	47.240	ng	95
35) Caprolactam	11.79	113	59614m	52.625	ng	
36) 4-Chloro-3-methylphenol	12.14	107	202302	57.175	ng	90
37) 2-Methylnaphthalene	12.51	142	326893	52.717	ng	91
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	225438	47.567	ng	98
40) Hexachlorocyclopentadiene	12.85	237	287028	115.479	ng	91

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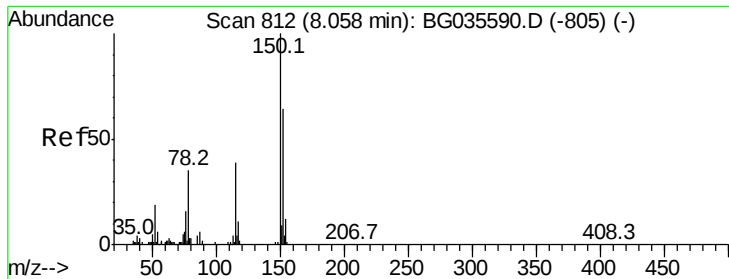
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Quant Time: Jul 14 01:14:04 2018
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	151259	54.574	nq	97
43) 2,4,5-Trichlorophenol	13.19	196	163469	52.722	nq	97
45) 1,1'-Biphenyl	13.51	154	464159	47.678	nq	97
46) 2-Chloronaphthalene	13.56	162	364132	48.086	nq	99
47) 2-Nitroaniline	13.76	65	133858	50.000	nq	97
48) Acenaphthylene	14.40	152	619332	48.825	nq	96
49) Dimethylphthalate	14.13	163	522337	47.478	nq	99
50) 2,6-Dinitrotoluene	14.25	165	117742	52.555	nq	92
51) Acenaphthene	14.74	154	362990	45.937	nq	97
52) 3-Nitroaniline	14.58	138	53443	23.340	nq #	96
53) 2,4-Dinitrophenol	14.79	184	111399	95.320	nq #	68
54) Dibenzofuran	15.07	168	606742	48.281	nq	93
55) 4-Nitrophenol	14.89	139	182262	111.768	nq #	84
56) 2,4-Dinitrotoluene	15.04	165	169577	52.760	nq #	87
57) Fluorene	15.73	166	503601	47.812	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.30	232	169823	57.125	nq	92
59) Diethylphthalate	15.49	149	525419	46.446	nq	98
60) 4-Chlorophenyl-phenylether	15.71	204	292788	47.295	nq	98
61) 4-Nitroaniline	15.75	138	118172	49.336	nq #	84
62) Azobenzene	16.01	77	541499	48.527	nq	94
64) 4,6-Dinitro-2-methylphenol	15.80	198	92732	50.211	nq	87
65) n-Nitrosodiphenylamine	15.93	169	445206	47.145	nq	97
66) 4-Bromophenyl-phenylether	16.61	248	195381	50.761	nq	95
67) Hexachlorobenzene	16.72	284	201939	50.946	nq	97
68) Atrazine	16.87	200	202456	52.071	nq	95
69) Pentachlorophenol	17.07	266	218327	90.429	nq	97
70) Phenanthrene	17.46	178	804946	48.624	nq	98
71) Anthracene	17.55	178	837639	50.815	nq	98
72) Carbazole	17.82	167	760802	48.600	nq	99
73) Di-n-butylphthalate	18.38	149	861734	46.582	nq #	98
74) Fluoranthene	19.47	202	1060365	47.552	nq	97
76) Benzidine	19.64	184	411639	46.263	nq	98
77) Pyrene	19.83	202	1050258	49.077	nq	98
79) Butylbenzylphthalate	20.71	149	386713	50.532	nq	97
80) Benzo(a)anthracene	21.67	228	1041459	49.380	nq	98
81) 3,3'-Dichlorobenzidine	21.58	252	218635	29.730	nq #	99
82) Chrysene	21.74	228	977488	50.014	nq	97
83) Bis(2-ethylhexyl)phthalate	21.56	149	522519	50.223	nq	98
84) Di-n-octyl phthalate	22.78	149	883025	50.690	nq #	94
85) Indeno(1,2,3-cd)pyrene	28.58	276	1129187	52.185	nq #	91
87) Benzo(b)fluoranthene	23.89	252	1001291	49.496	nq #	96
88) Benzo(k)fluoranthene	23.96	252	938762	47.467	nq #	97
89) Benzo(a)pyrene	24.76	252	958558	50.933	nq #	96
90) Dibenzo(a,h)anthracene	28.64	278	915746	49.563	nq #	96
91) Benzo(g,h,i)perylene	29.74	276	934254	51.673	nq #	94

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



#1

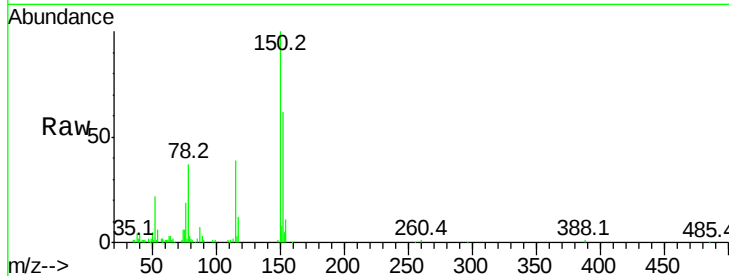
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.00 min
Lab File: BG035640.D
Acq: 13 Jul 2018 22:01

Instrument :
BNA_G
ClientSampleId :
PB111092BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.6	126.6	189.8
115	63.7	53.0	79.4

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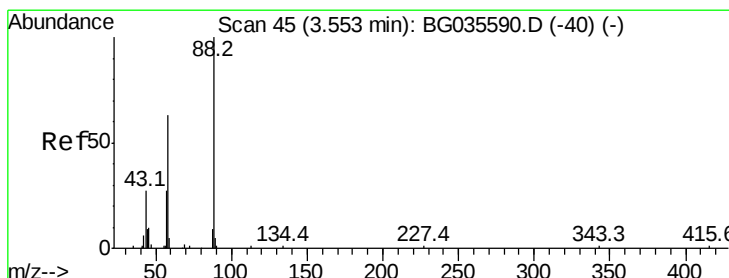
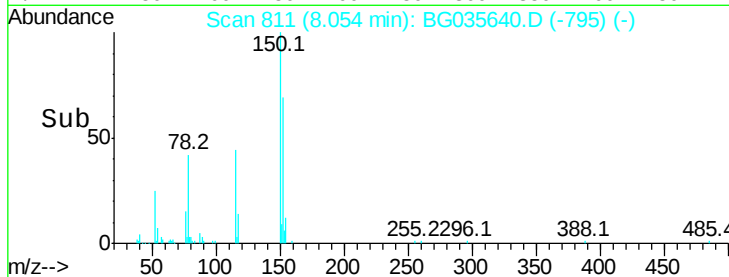
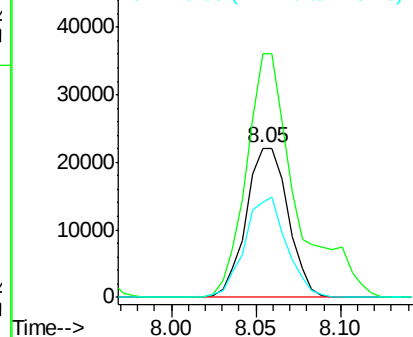


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

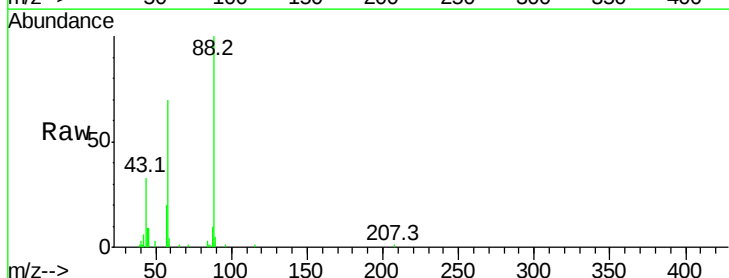
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 33.113 ng
RT: 3.55 min Scan# 44
Delta R.T. -0.00 min
Lab File: BG035640.D
Acq: 13 Jul 2018 22:01

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.1	79.6	119.4#
43	31.0	27.4	41.0

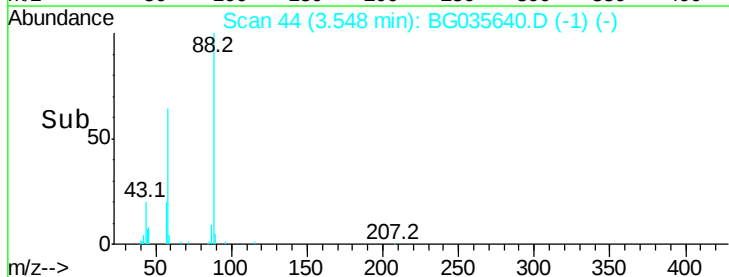
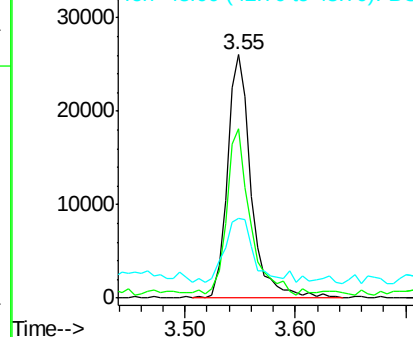


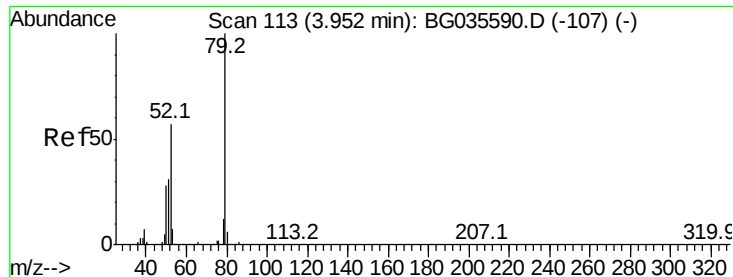
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 37.950 ng

RT: 3.94 min Scan# 111

Delta R.T. -0.01 min

Lab File: BG035640.D

Acq: 13 Jul 2018 22:01

Instrument :

BNA_G

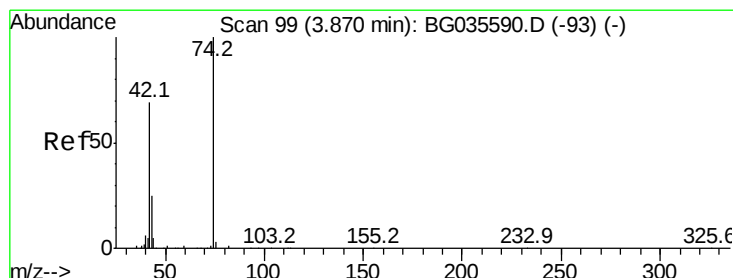
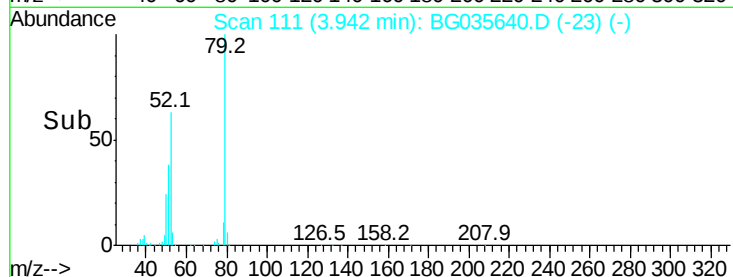
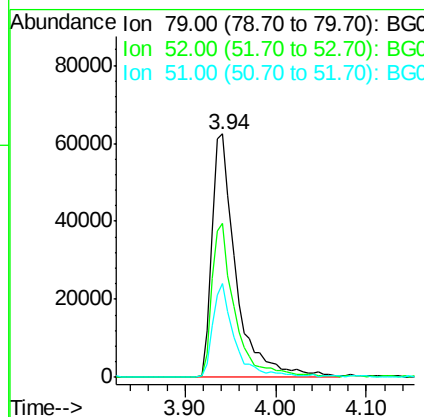
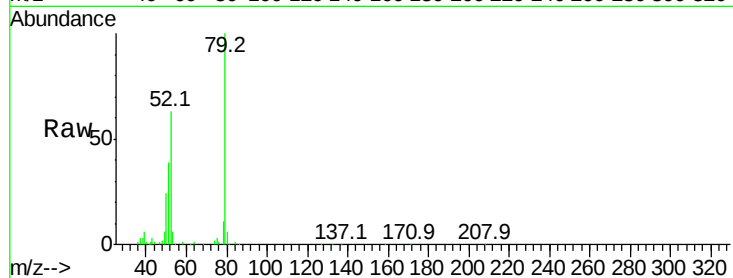
ClientSampleId :

PB111092BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	63.2	69.9	104.9#		
51	38.7	34.0	51.0		

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#4

n-Nitrosodimethylamine

Concen: 42.120 ng

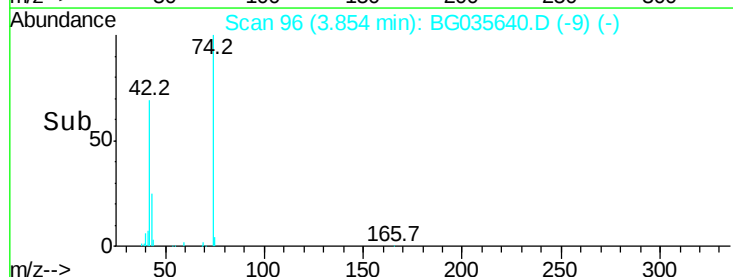
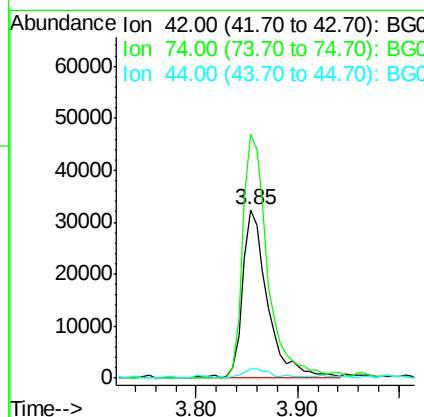
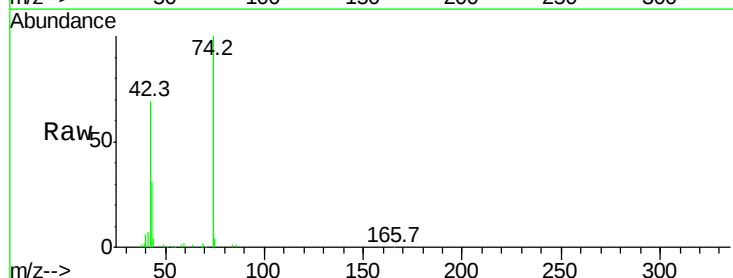
RT: 3.85 min Scan# 96

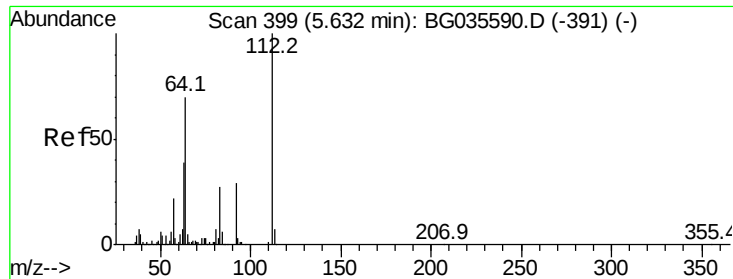
Delta R.T. -0.02 min

Lab File: BG035640.D

Acq: 13 Jul 2018 22:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	144.3	102.5	153.7		
44	5.5	18.9	28.3#		





#5

2-Fluorophenol

Concen: 173.001 ng

RT: 5.63 min Scan# 399

Delta R.T. 0.00 min

Lab File: BG035640.D

Acq: 13 Jul 2018 22:01

Instrument :

BNA_G

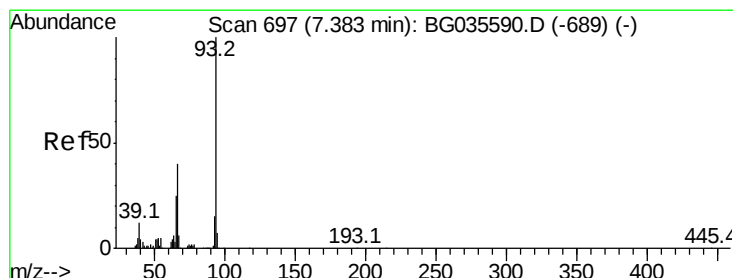
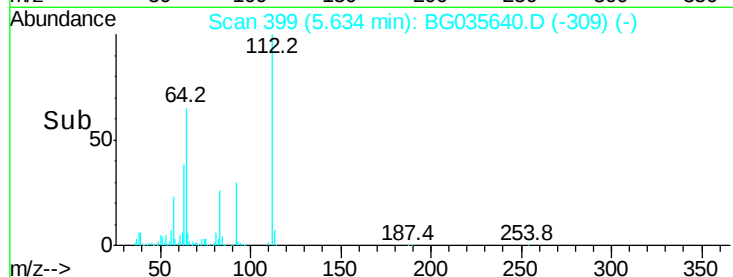
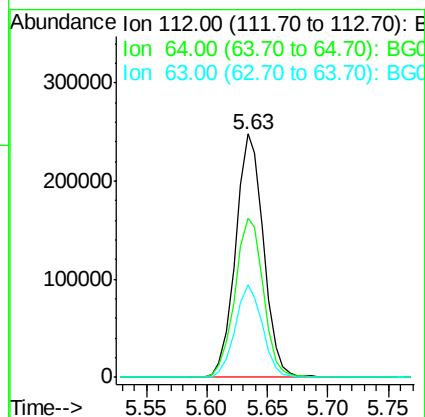
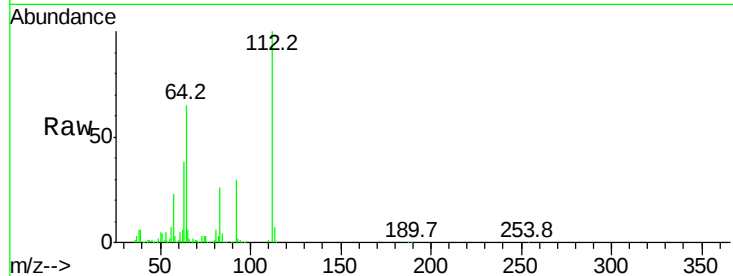
ClientSampleId :

PB111092BSD

Tot Ion:	112	Resp:	400087
Ion Ratio	Lower	Upper	
112	100		
64	65.4	56.3	84.5
63	38.0	30.1	45.1

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#6

Aniline

Concen: 32.987 ng

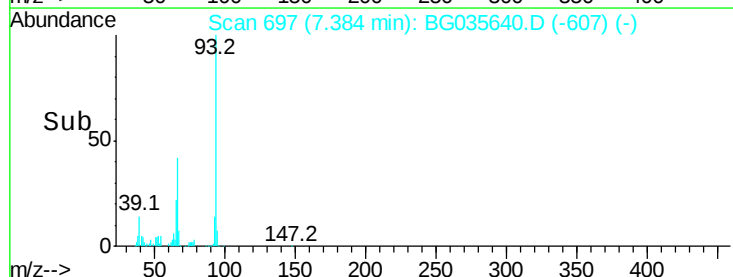
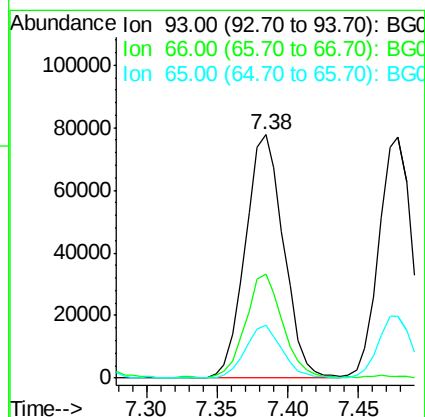
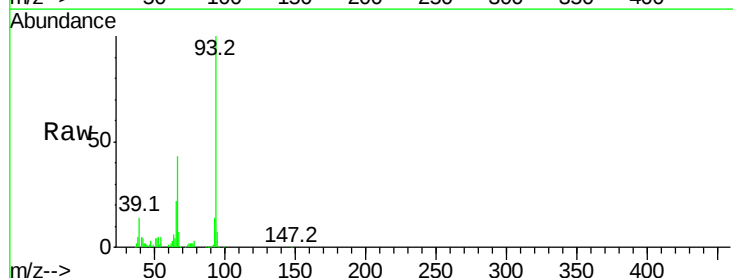
RT: 7.38 min Scan# 697

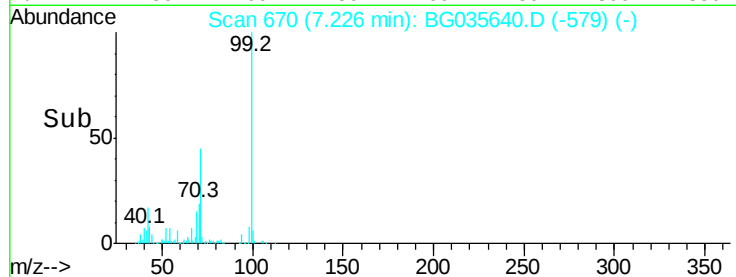
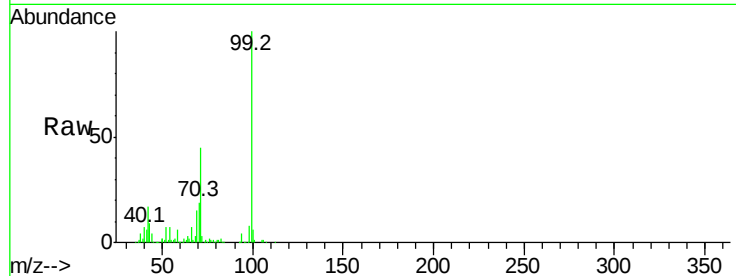
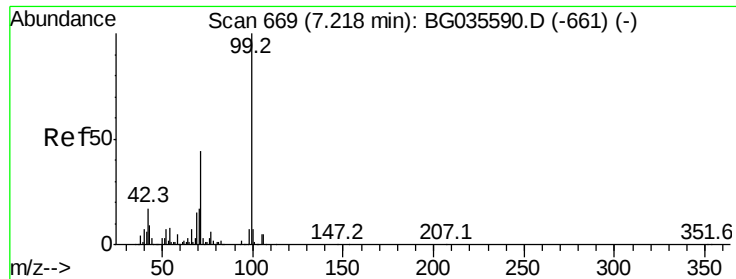
Delta R.T. 0.00 min

Lab File: BG035640.D

Acq: 13 Jul 2018 22:01

Tgt Ion:	93	Resp:	147526
Ion Ratio	Lower	Upper	
93	100		
66	42.6	33.7	50.5
65	22.0	16.1	24.1





#7

Phenol-d6

Concen: 175.372 ng

RT: 7.23 min Scan# 670

Delta R.T. 0.01 min

Lab File: BG035640.D

Acq: 13 Jul 2018 22:01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		605104		
42	16.5	14.1	21.1		
71	44.5	26.1	39.1		

Instrument :

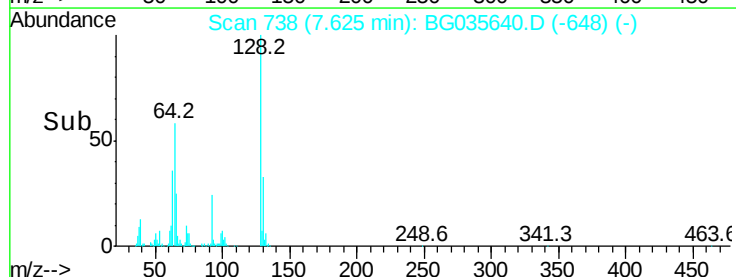
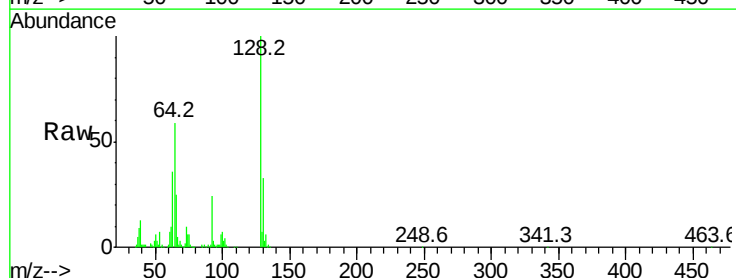
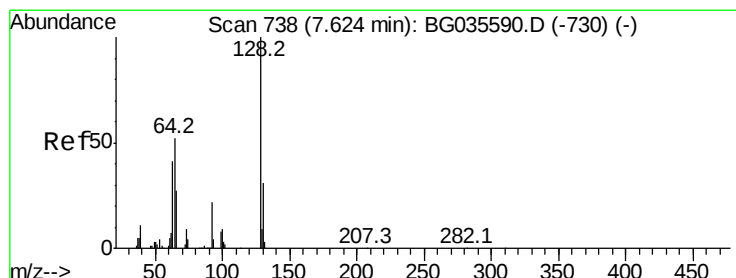
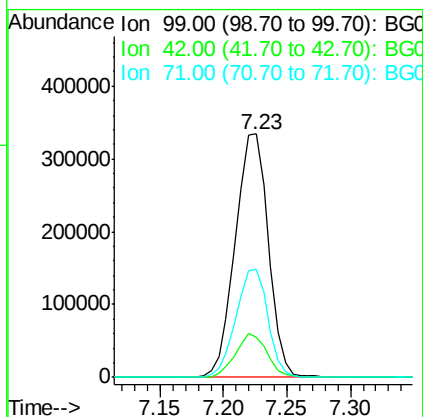
BNA_G

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#8

2-Chlorophenol

Concen: 56.321 ng

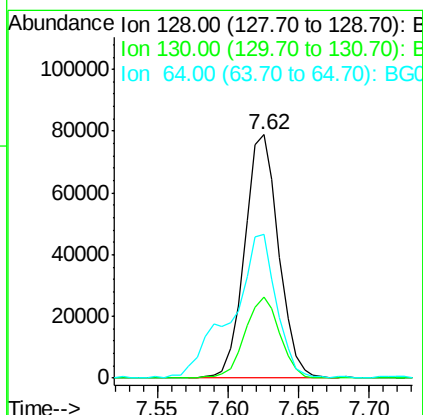
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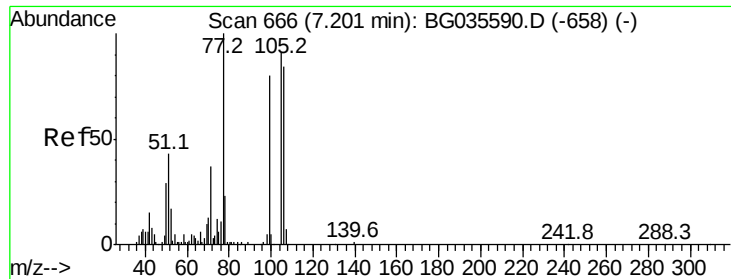
Delta R.T. 0.00 min

Lab File: BG035640.D

Acq: 13 Jul 2018 22:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		132470		
130	33.2	14.0	54.0		
64	59.0	37.7	77.7		





#9

Benzaldehyde

Concen: 42.367 ng

RT: 7.20 min Scan# 665

Delta R.T. -0.00 min

Lab File: BG035640.D

Acq: 13 Jul 2018 22:01

Instrument :

BNA_G

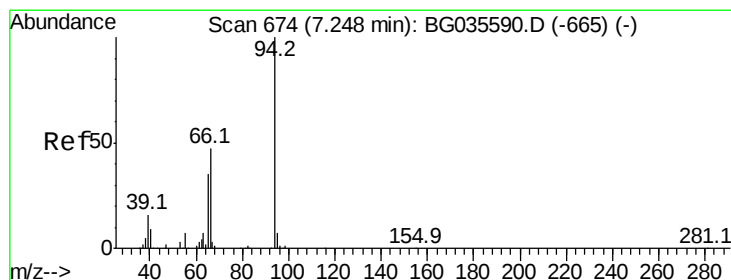
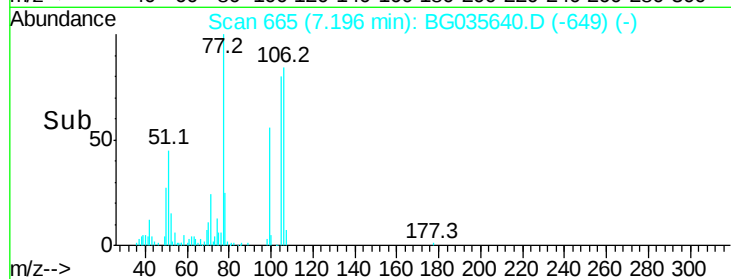
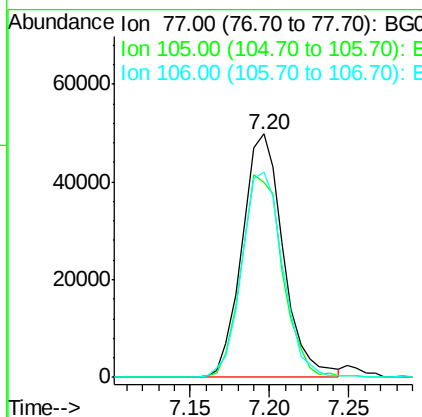
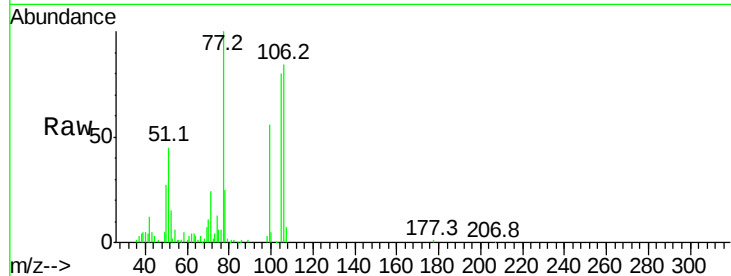
ClientSampleId :

PB111092BSD

Tot Ion:	77	Resp:	89696
Ion	Ratio	Lower	Upper
77	100		
105	80.0	71.3	111.3
106	84.3	64.2	104.2

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#10

Phenol

Concen: 57.772 ng

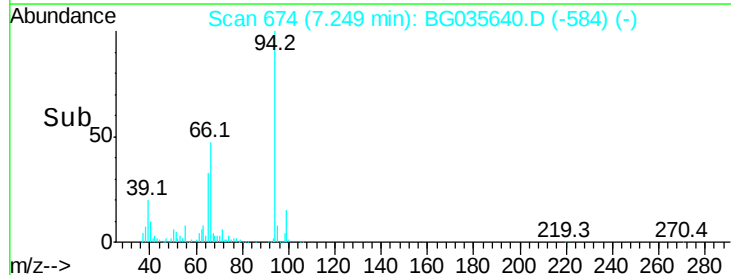
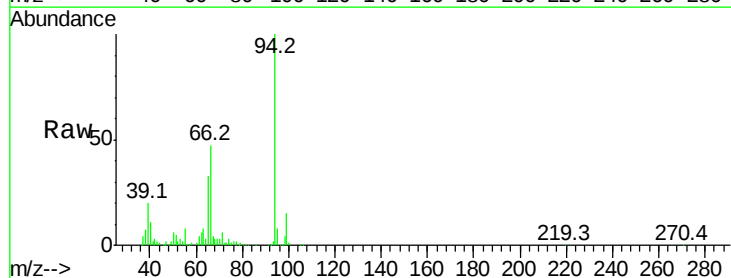
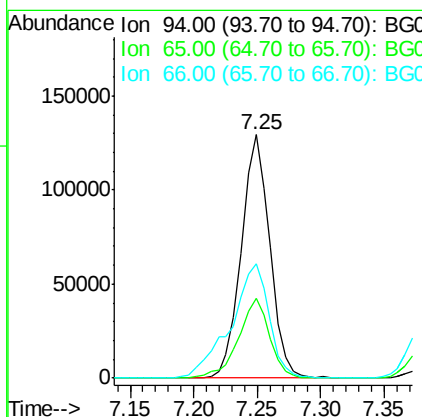
RT: 7.25 min Scan# 674

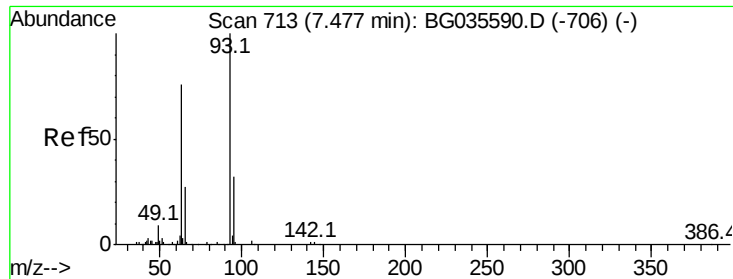
Delta R.T. 0.00 min

Lab File: BG035640.D

Acq: 13 Jul 2018 22:01

Tgt Ion:	94	Resp:	201389
Ion	Ratio	Lower	Upper
94	100		
65	33.0	11.9	51.9
66	46.8	22.2	62.2





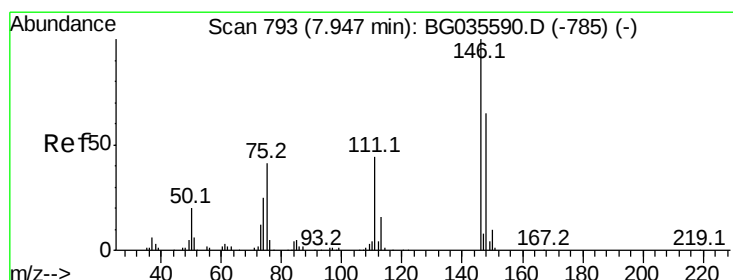
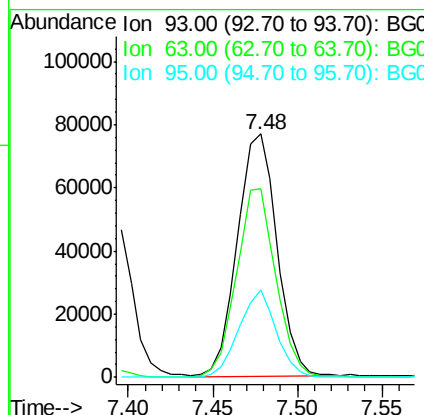
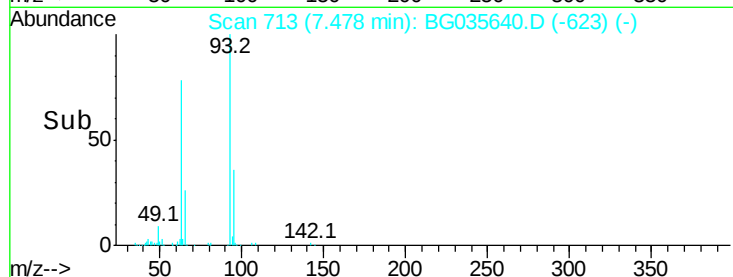
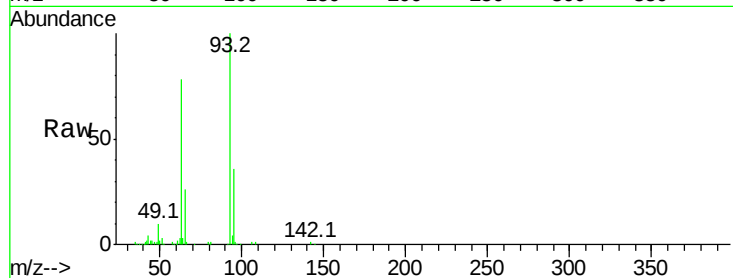
#11
bis(2-Chloroethyl)ether
Concen: 45.921 ng
RT: 7.48 min Scan# 713
Delta R.T. 0.00 min
Lab File: BG035640.D
Acq: 13 Jul 2018 22:01

Instrument :
BNA_G
ClientSampled :
PB111092BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	77.6	67.1	107.1
95	36.0	11.5	51.5

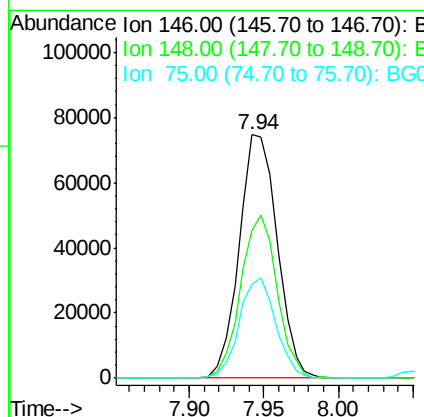
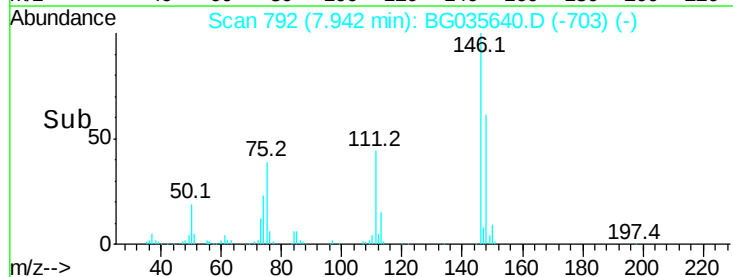
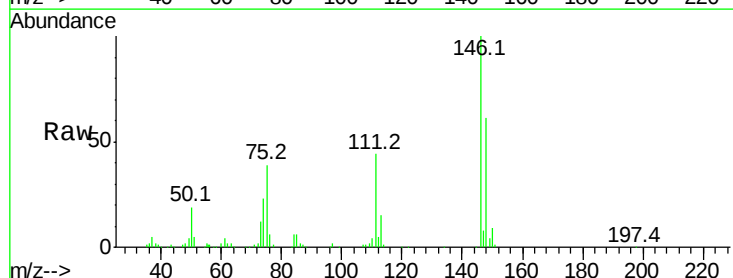
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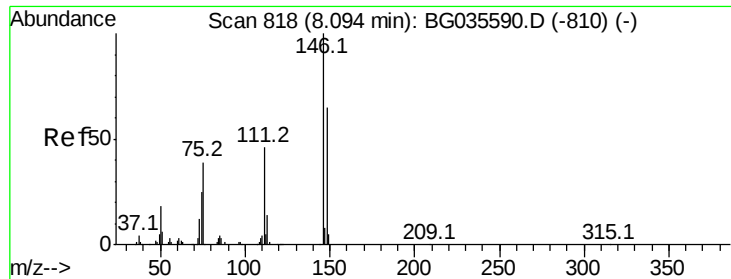
Sohil
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#12
1,3-Dichlorobenzene
Concen: 46.395 ng
RT: 7.94 min Scan# 792
Delta R.T. -0.00 min
Lab File: BG035640.D
Acq: 13 Jul 2018 22:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.7	51.4	77.2
75	38.8	26.6	39.8





#13

1,4-Dichlorobenzene

Concen: 45.721 ng

RT: 8.09 min Scan# 818

Delta R.T. 0.00 min

Lab File: BG035640.D

Acq: 13 Jul 2018 22:01

Instrument :

BNA_G

ClientSampleId :

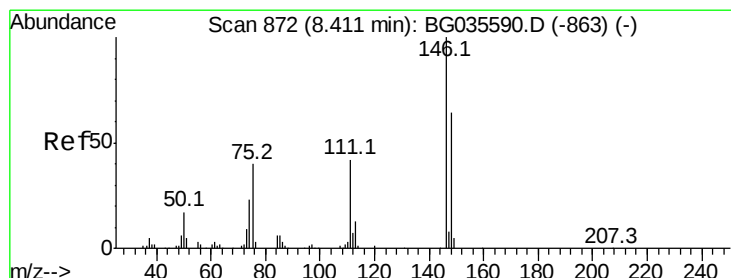
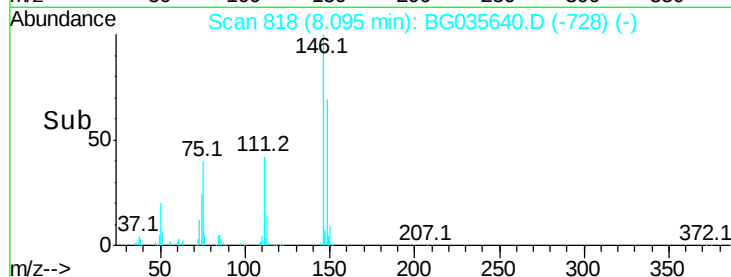
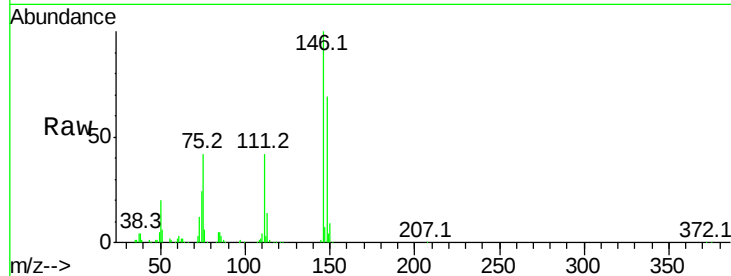
PB111092BSD

Tot Ion:	146	Resp:	131947
Ion Ratio	Lower	Upper	
146	100		
148	69.4	53.7	80.5
111	41.5	35.2	52.8

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#14

1,2-Dichlorobenzene

Concen: 46.876 ng

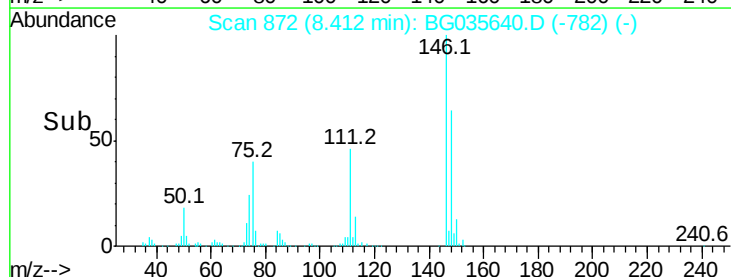
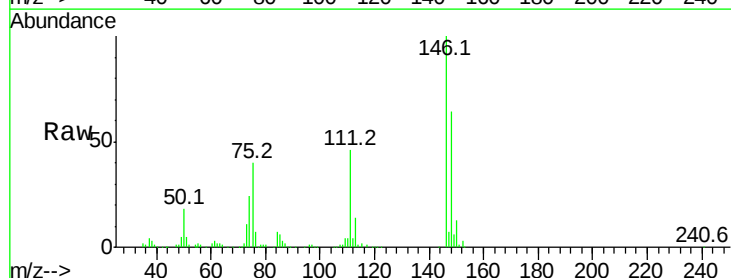
RT: 8.41 min Scan# 872

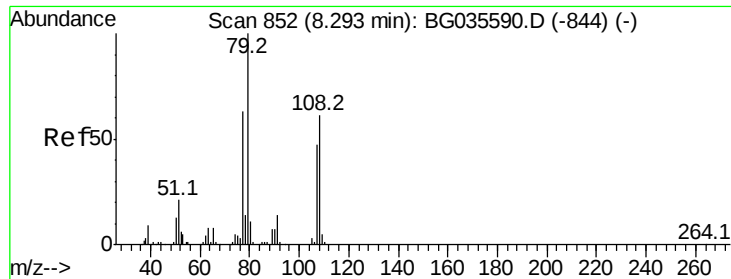
Delta R.T. 0.00 min

Lab File: BG035640.D

Acq: 13 Jul 2018 22:01

Tgt Ion:	146	Resp:	129958
Ion Ratio	Lower	Upper	
146	100		
148	63.7	49.3	73.9
111	46.1	34.3	51.5





#15

Benzyl Alcohol

Concen: 52.612 ng

RT: 8.29 min Scan# 852

Delta R.T. 0.00 min

Lab File: BG035640.D

Acq: 13 Jul 2018 22:01

Instrument :

BNA_G

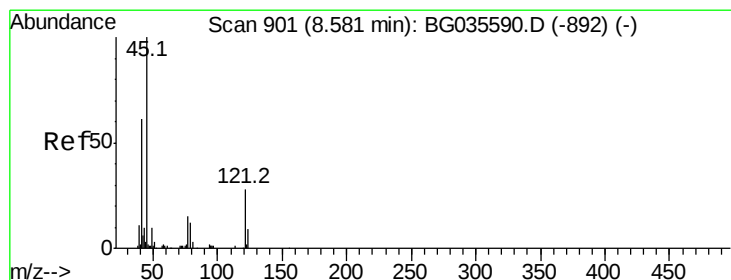
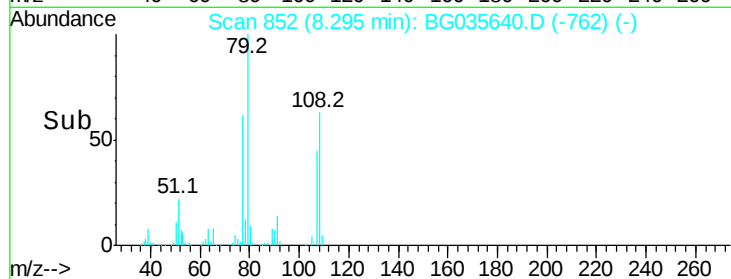
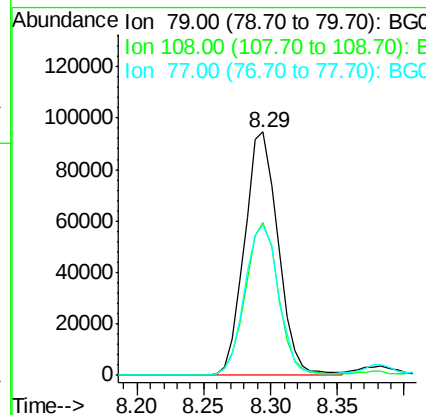
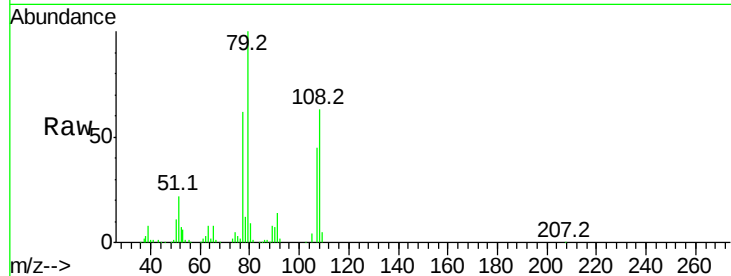
ClientSampleId :

PB111092BSD

Tot Ion:	79	Resp:	164848
Ion Ratio	Lower	Upper	
79	100		
108	62.6	57.2	85.8
77	61.9	46.1	69.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 66.288 ng

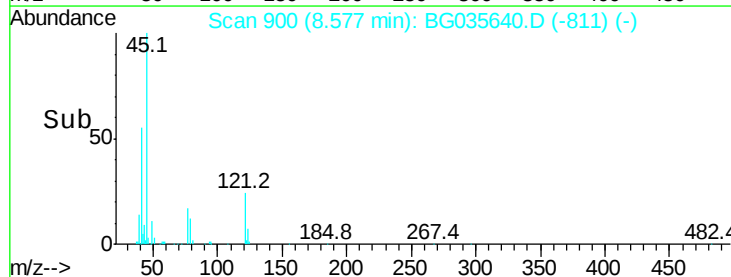
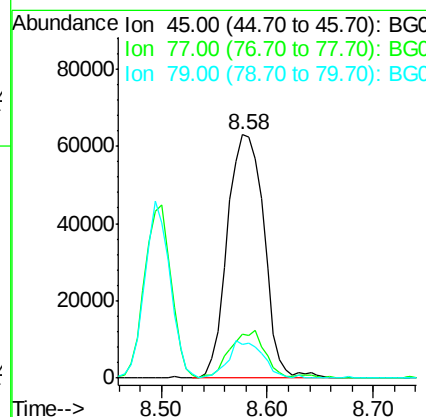
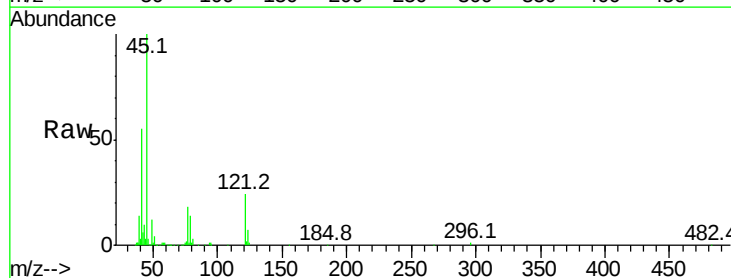
RT: 8.58 min Scan# 900

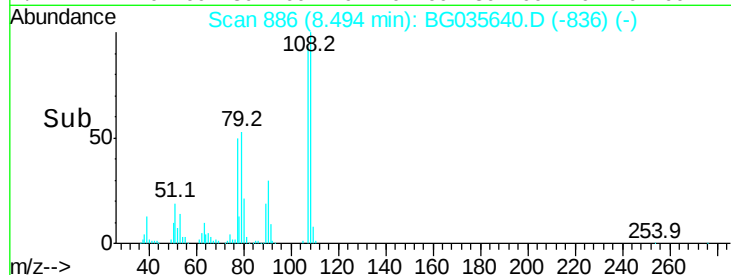
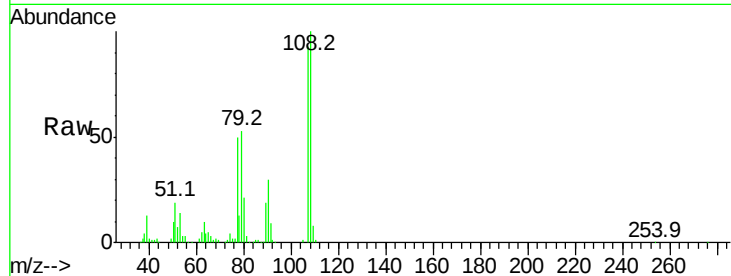
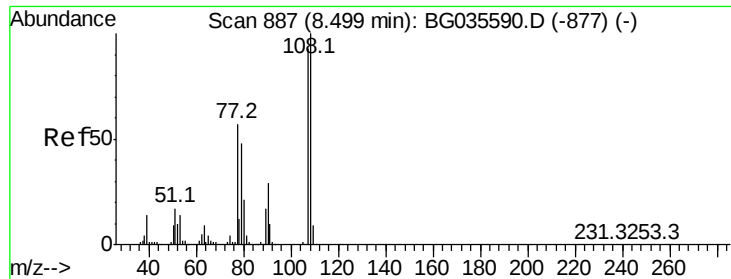
Delta R.T. -0.00 min

Lab File: BG035640.D

Acq: 13 Jul 2018 22:01

Tgt Ion:	45	Resp:	151718
Ion Ratio	Lower	Upper	
45	100		
77	18.0	0.0	30.2
79	14.0	0.0	27.9





#17

2-Methylphenol

Concen: 56.713 ng

RT: 8.49 min Scan# 886

Delta R.T. -0.00 min

Lab File: BG035640.D

Acq: 13 Jul 2018 22:01

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	107.6	83.9	125.9	
77	54.0	37.2	55.8	
79	57.5	36.2	54.2	

Instrument :

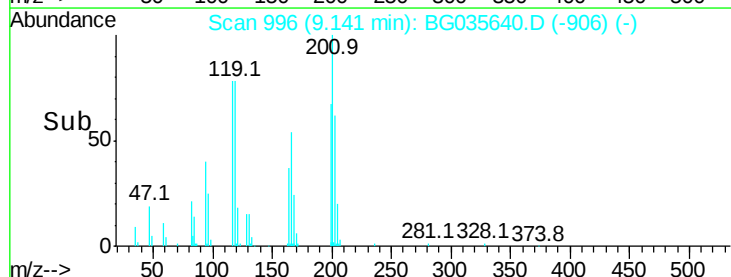
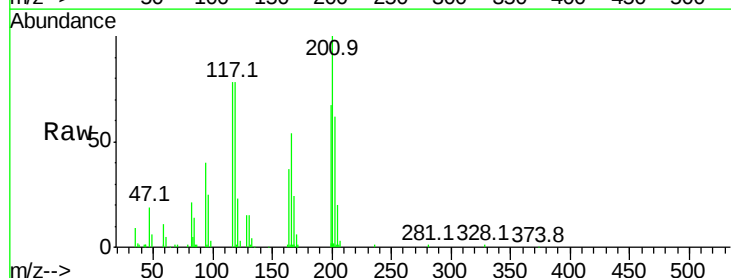
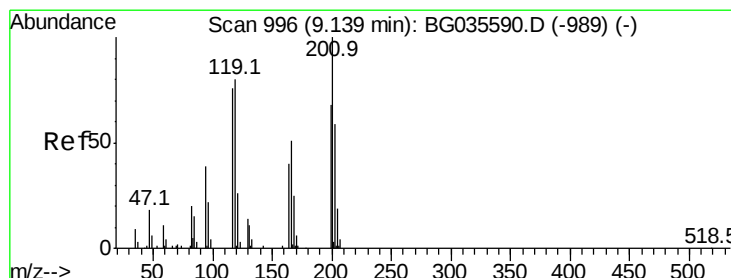
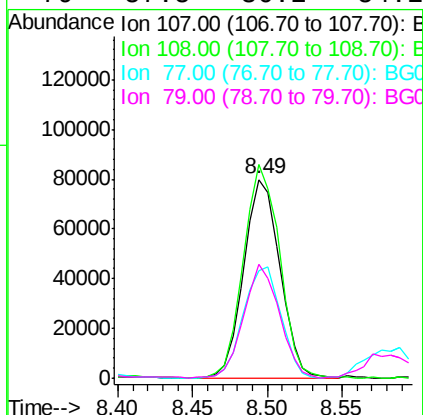
BNA_G

ClientSampleId :

PB111092BSD

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#18

Hexachloroethane

Concen: 44.153 ng

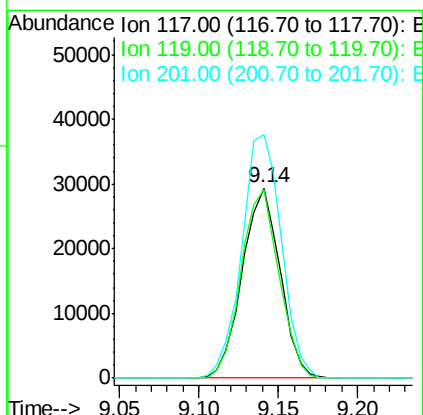
RT: 9.14 min Scan# 996

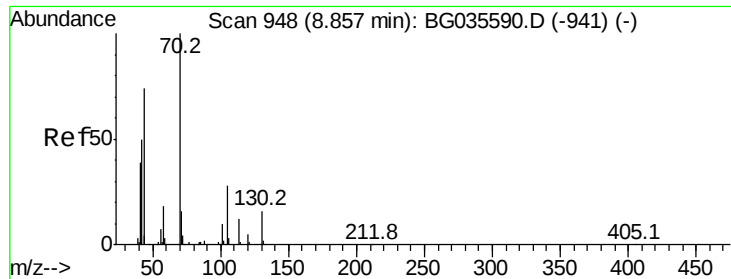
Delta R.T. 0.00 min

Lab File: BG035640.D

Acq: 13 Jul 2018 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.3	76.7	115.1	
201	128.1	95.7	143.5	





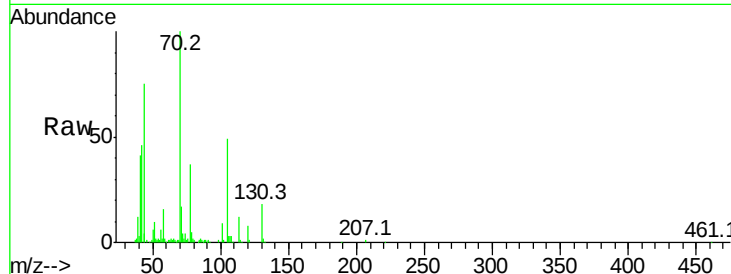
#19
n-Nitroso-di-n-propylamine
Concen: 44.929 ng
RT: 8.86 min Scan# 948
Delta R.T. 0.00 min
Lab File: BG035640.D
Acq: 13 Jul 2018 22:01

Instrument :
BNA_G
ClientSampleId :
PB111092BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	45.5	49.1	73.7#		
101	9.2	8.5	12.7		
130	18.4	13.4	20.0		

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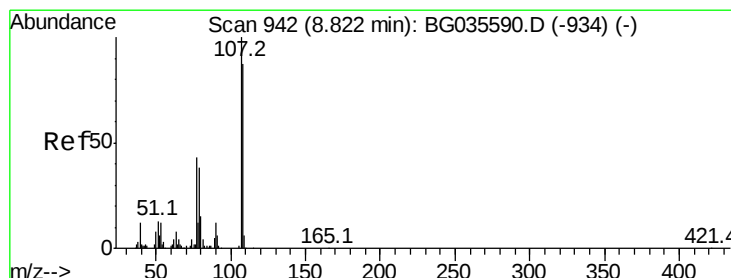
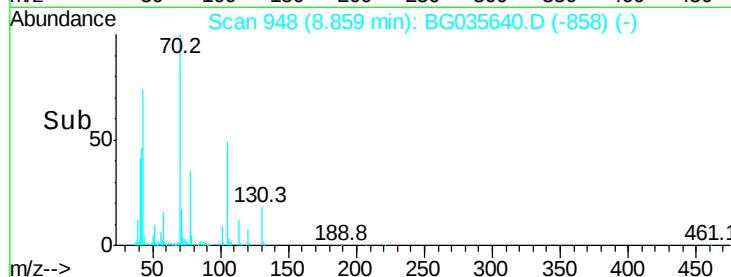
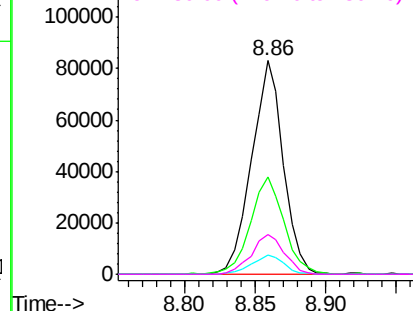
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 57.332 ng
RT: 8.82 min Scan# 942
Delta R.T. 0.00 min
Lab File: BG035640.D
Acq: 13 Jul 2018 22:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	86.4	61.6	101.6		
77	47.4	13.9	53.9		
79	39.1	8.8	48.8		

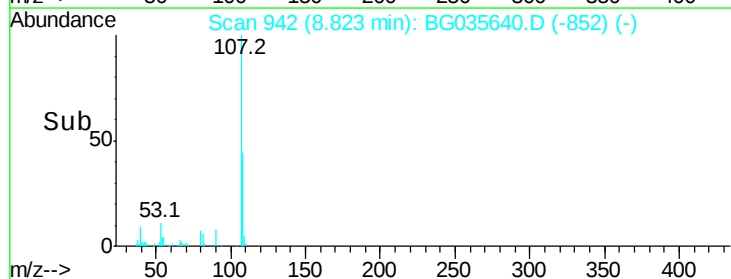
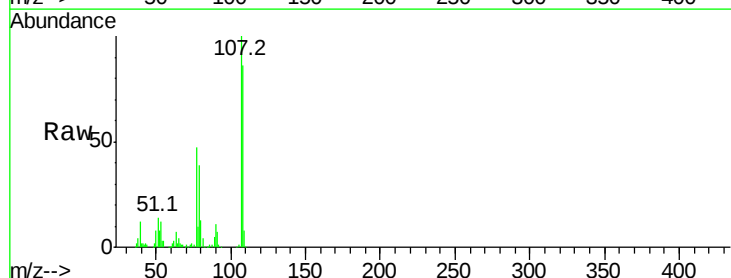
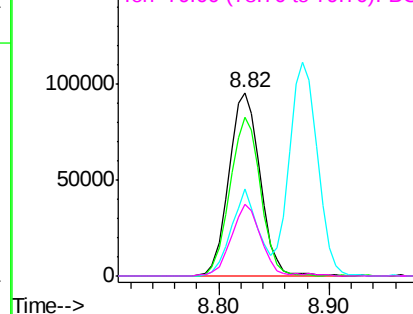
Abundance

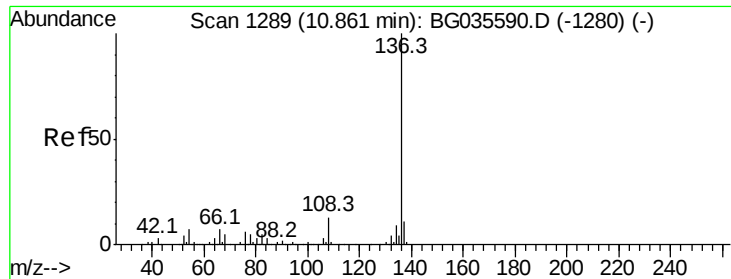
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1289

Delta R.T. 0.00 min

Lab File: BG035640.D

Acq: 13 Jul 2018 22:01

Instrument :

BNA_G

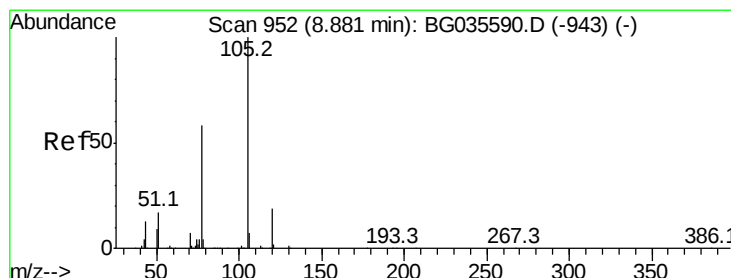
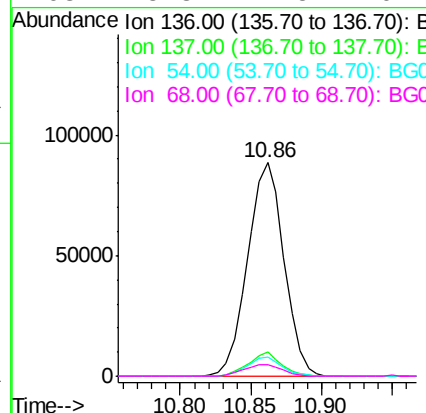
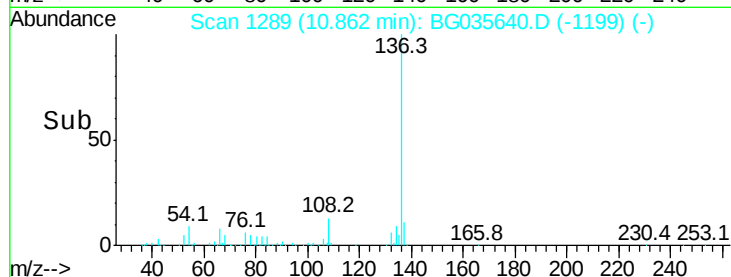
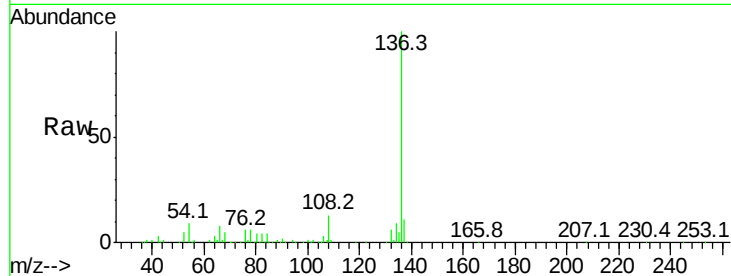
ClientSampled :

PB111092BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	159781		
137	11.2	9.2	13.8	
54	9.0	10.3	15.5	
68	5.3	4.5	6.7	

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#22

Acetophenone

Concen: 45.878 ng

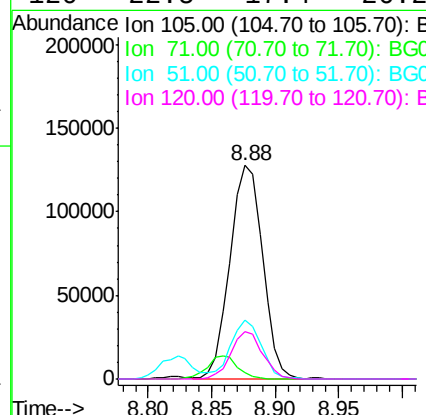
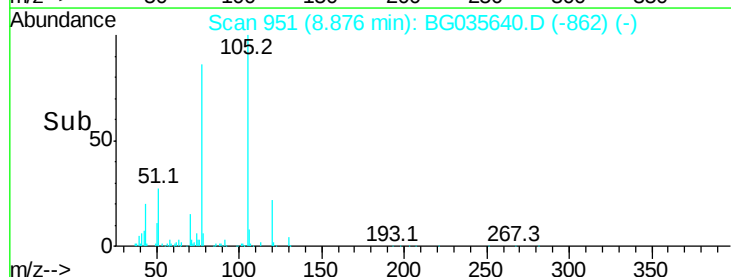
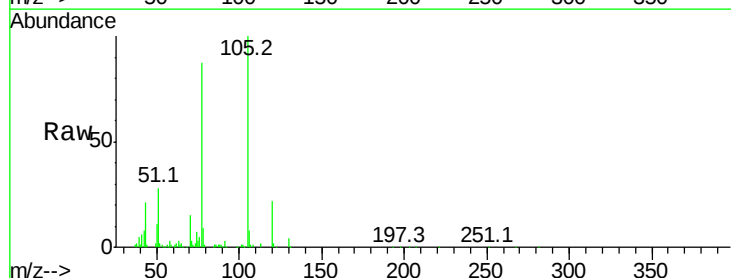
RT: 8.88 min Scan# 951

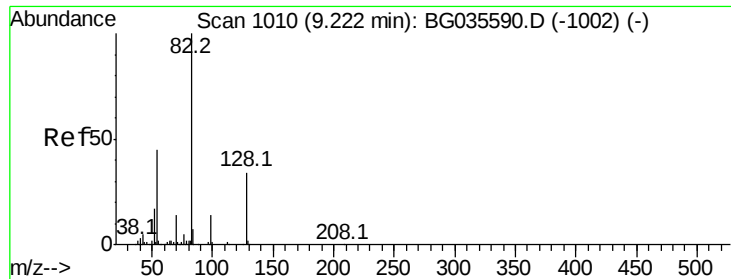
Delta R.T. -0.00 min

Lab File: BG035640.D

Acq: 13 Jul 2018 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	227956		
71	2.8	3.0	4.4	
51	27.7	26.1	39.1	
120	22.5	17.4	26.2	





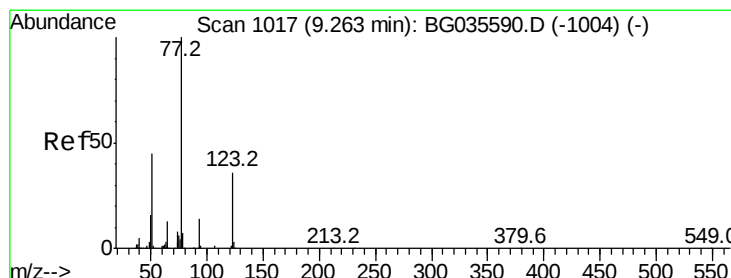
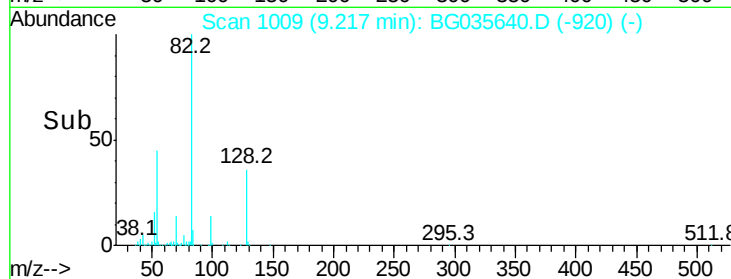
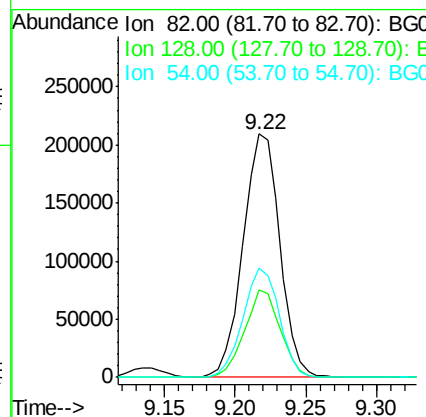
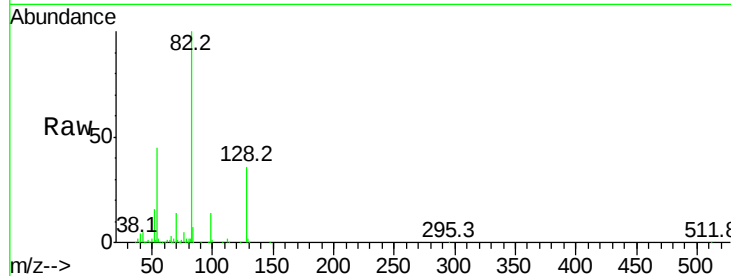
#23
Nitrobenzene-d5
Concen: 99.483 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG035640.D
Acq: 13 Jul 2018 22:01

Instrument :
BNA_G
ClientSampleId :
PB111092BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	35.7	29.7	44.5
54	44.9	43.1	64.7

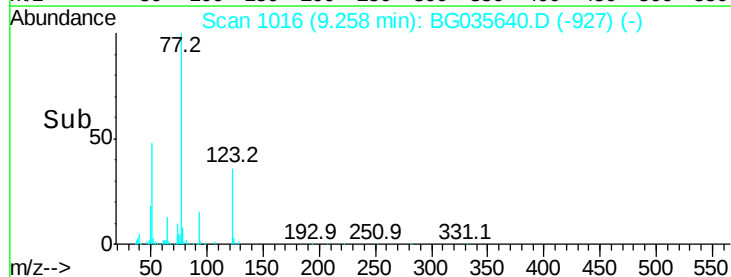
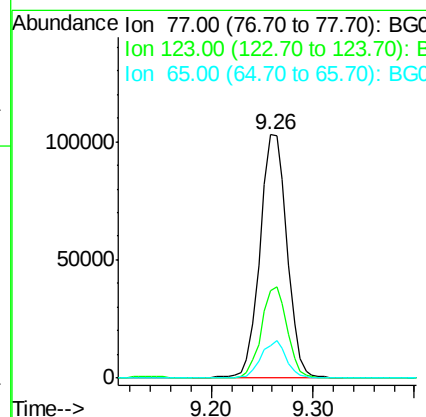
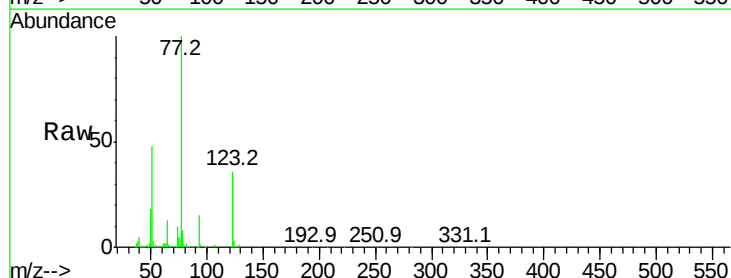
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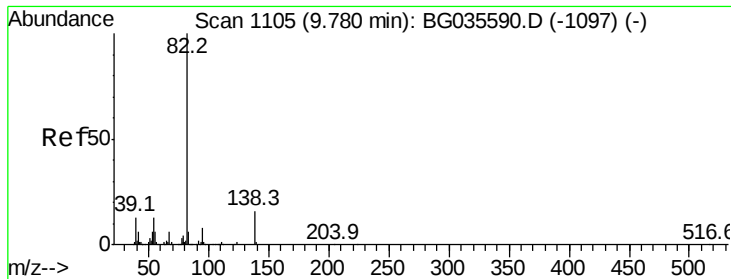
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#24
Nitrobenzene
Concen: 49.564 ng
RT: 9.26 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BG035640.D
Acq: 13 Jul 2018 22:01

Tgt Ion	Ratio	Lower	Upper
77	100		
123	35.8	33.0	49.6
65	13.2	13.0	19.6





#25

Isophorone

Concen: 52.942 ng

RT: 9.78 min Scan# 1105

Delta R.T. 0.00 min

Lab File: BG035640.D

Acq: 13 Jul 2018 22:01

Instrument :

BNA_G

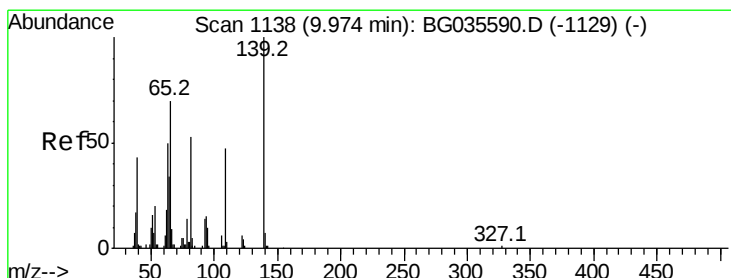
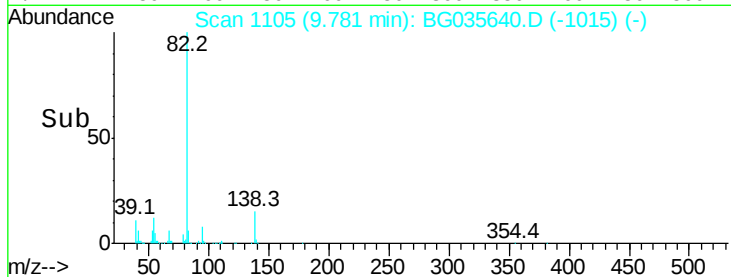
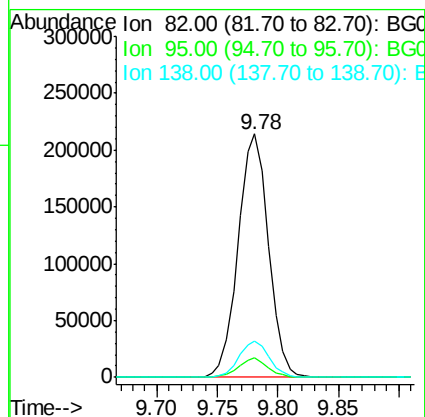
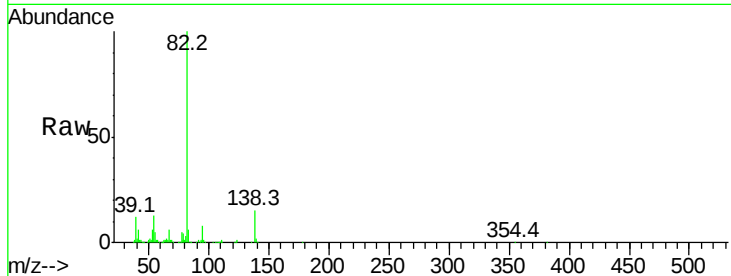
ClientSampleId :

PB111092BSD

Tot Ion:	82	Resp:	375898
Ion Ratio	Lower	Upper	
82	100		
95	8.2	6.2	9.2
138	15.1	12.1	18.1

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#26

2-Nitrophenol

Concen: 58.402 ng

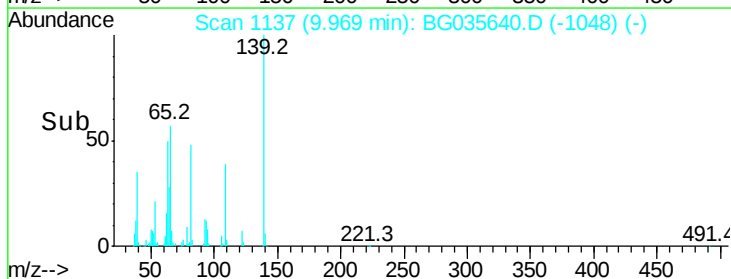
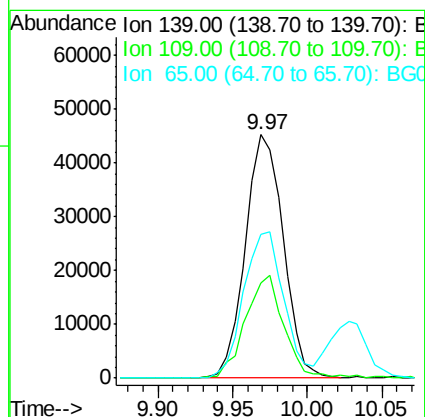
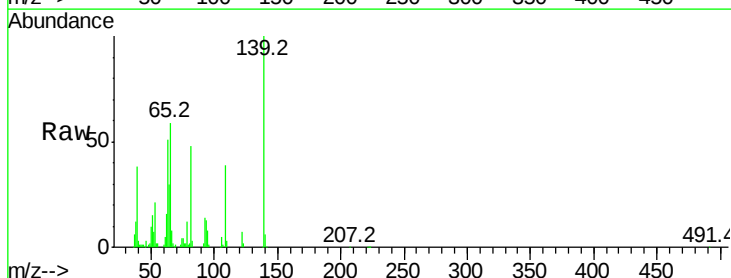
RT: 9.97 min Scan# 1137

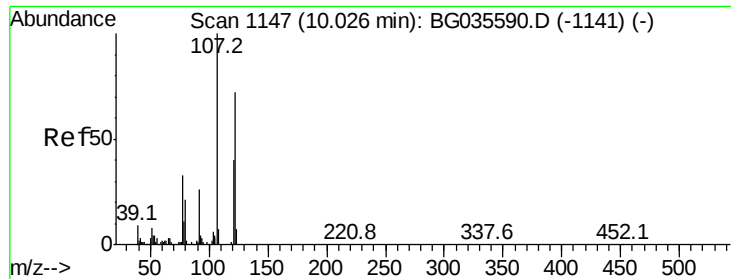
Delta R.T. -0.00 min

Lab File: BG035640.D

Acq: 13 Jul 2018 22:01

Tgt Ion:	139	Resp:	79785
Ion Ratio	Lower	Upper	
139	100		
109	39.2	24.2	36.2#
65	59.1	47.4	71.0





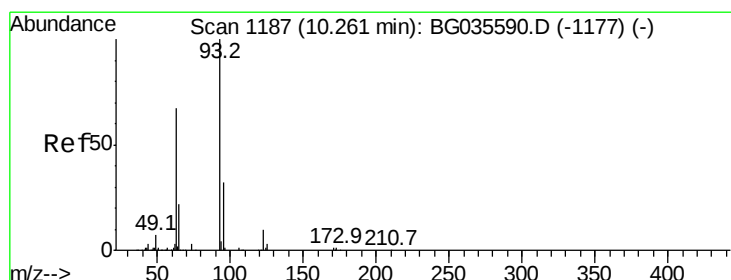
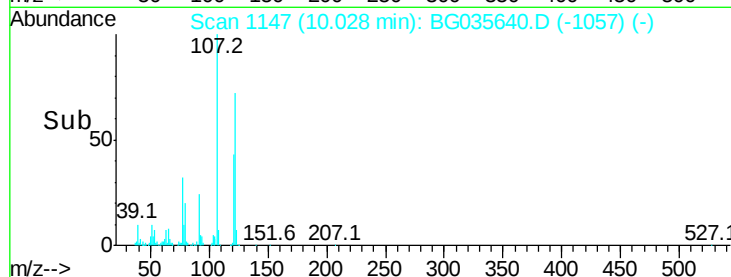
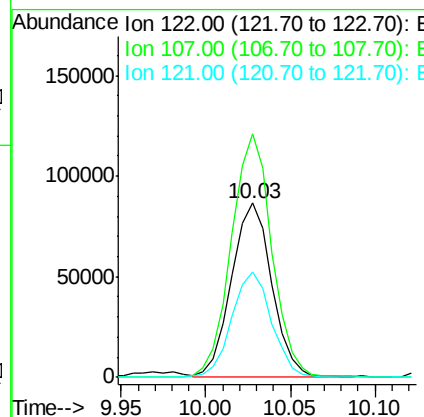
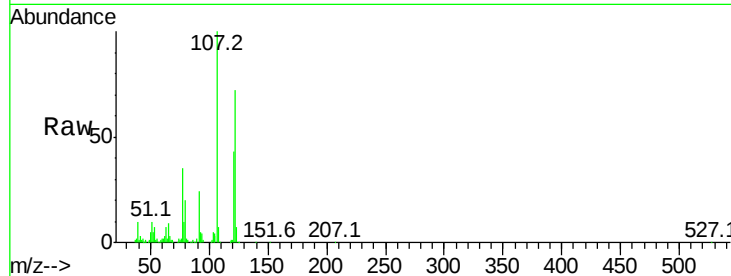
#27
2,4-Dimethylphenol
Concen: 62.245 ng
RT: 10.03 min Scan# 1147
Delta R.T. 0.00 min
Lab File: BG035640.D
Acq: 13 Jul 2018 22:01

Instrument :
BNA_G
ClientSampleId :
PB111092BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	139.8	100.2	150.2
121	60.7	44.4	66.6

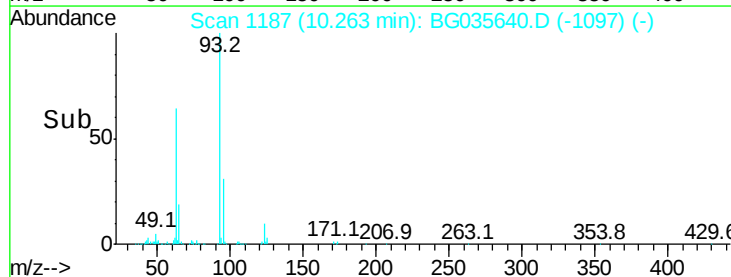
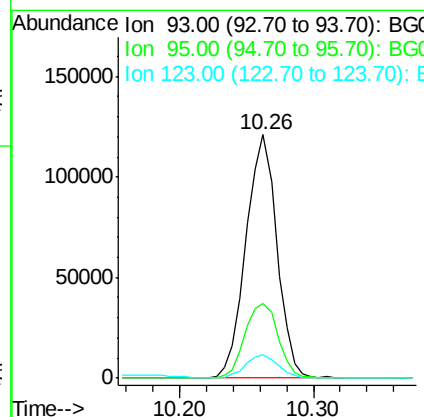
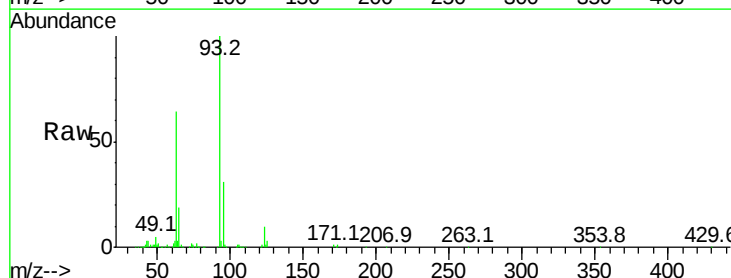
Manual Integrations
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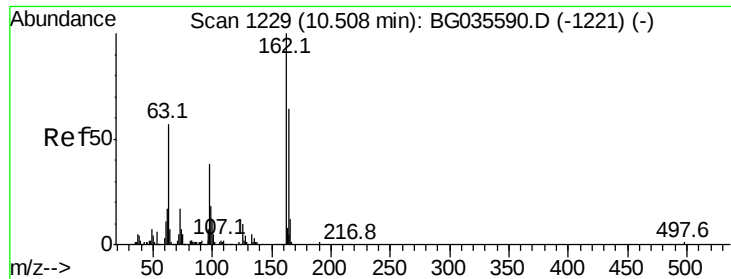
Sohil
7/16/2018 3:24:24 PM



#28
bis(2-Chloroethoxy)methane
Concen: 49.568 ng
RT: 10.26 min Scan# 1187
Delta R.T. 0.00 min
Lab File: BG035640.D
Acq: 13 Jul 2018 22:01

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.6	24.3	36.5
123	9.8	8.4	12.6





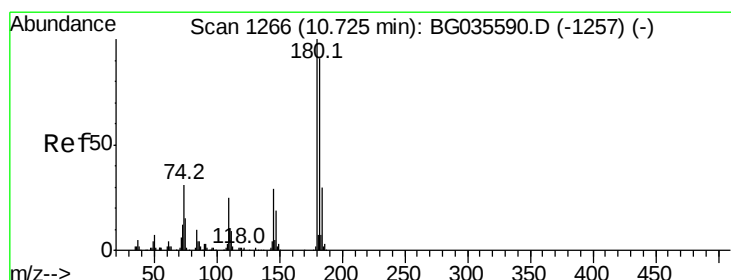
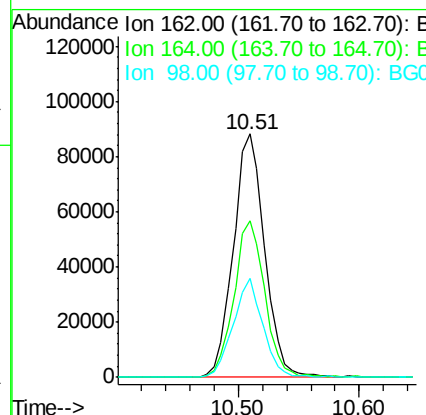
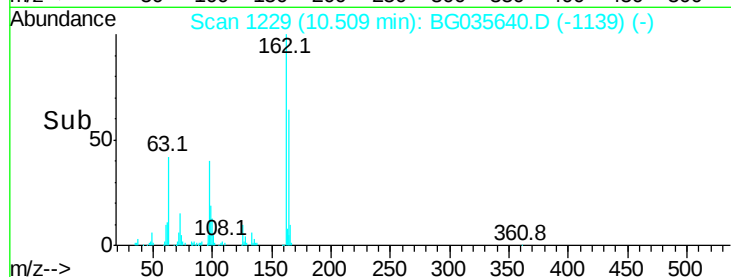
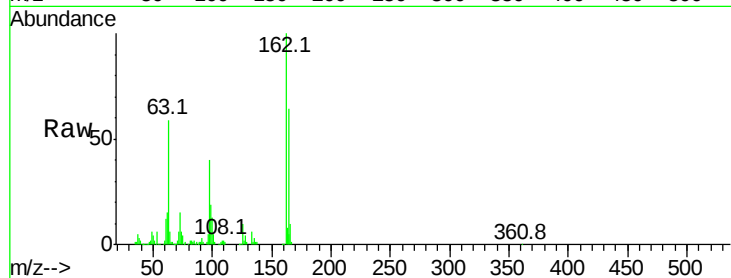
#29
2,4-Dichlorophenol
Concen: 60.190 ng
RT: 10.51 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BG035640.D
Acq: 13 Jul 2018 22:01

Instrument :
BNA_G
ClientSampleId :
PB111092BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	64.3	48.0	88.0	
98	40.4	21.1	61.1	

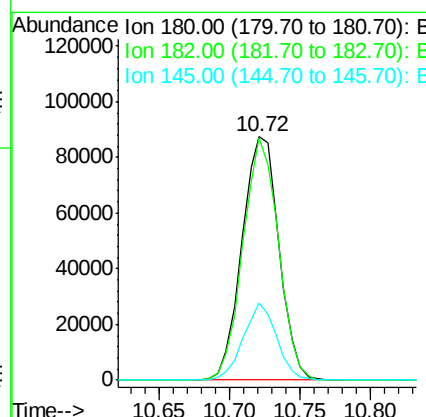
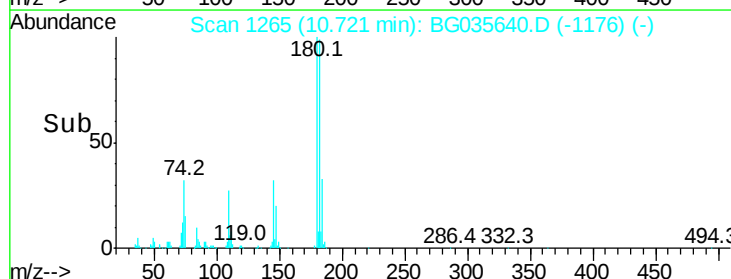
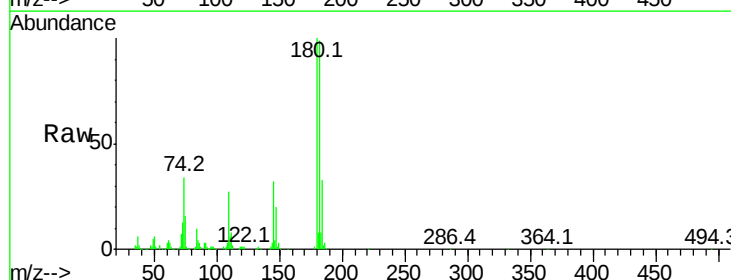
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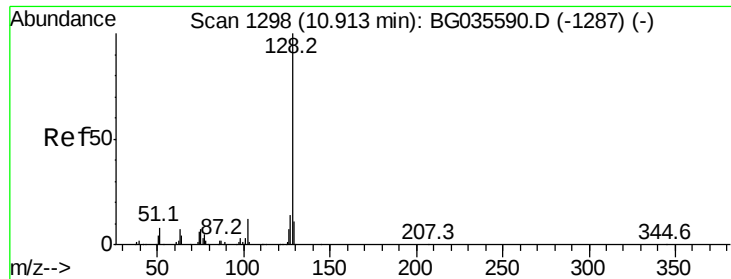
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 49.554 ng
RT: 10.72 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BG035640.D
Acq: 13 Jul 2018 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	99.4	77.5	116.3	
145	31.9	23.4	35.2	





#31

Naphthalene

Concen: 48.648 ng

RT: 10.91 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BG035640.D

Acq: 13 Jul 2018 22:01

Instrument :

BNA_G

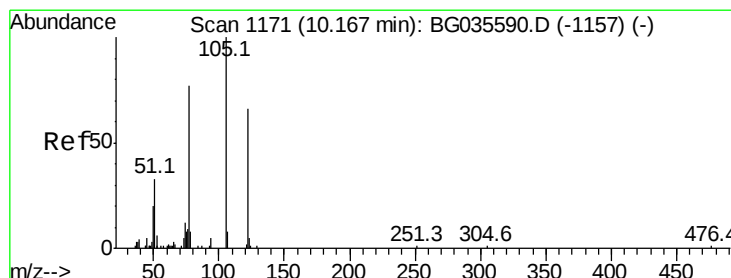
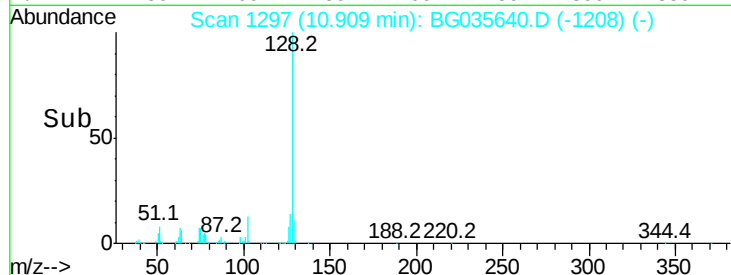
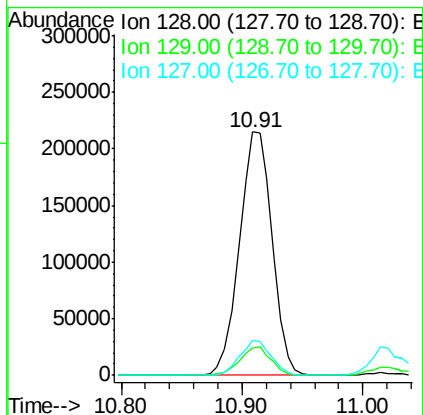
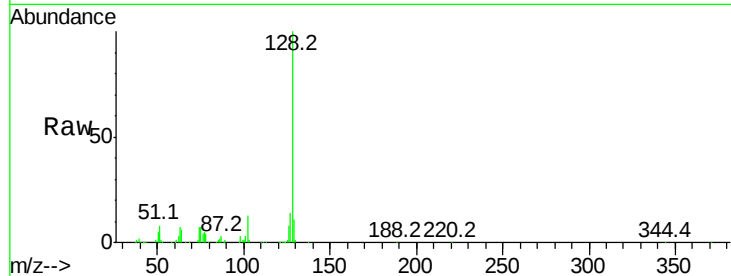
ClientSampleId :

PB111092BSD

Tot Ion:	128	Resp:	404907
Ion Ratio	Lower	Upper	
128	100		
129	11.3	8.6	12.8
127	14.5	11.6	17.4

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#32

Benzoic acid

Concen: 45.506 ng

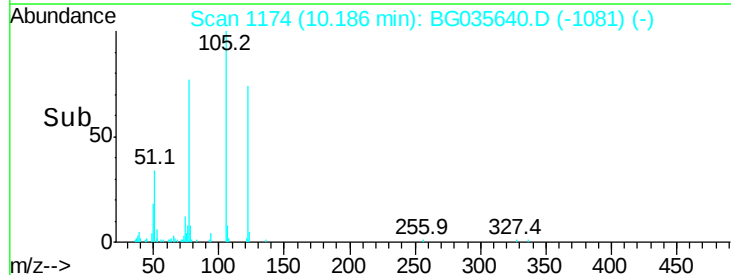
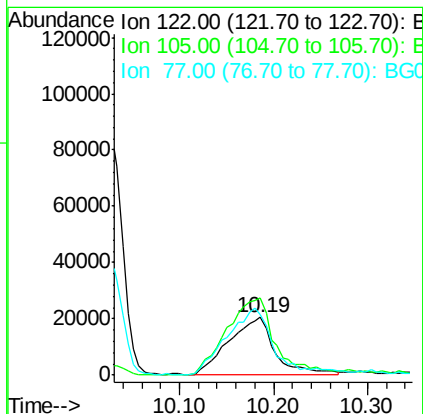
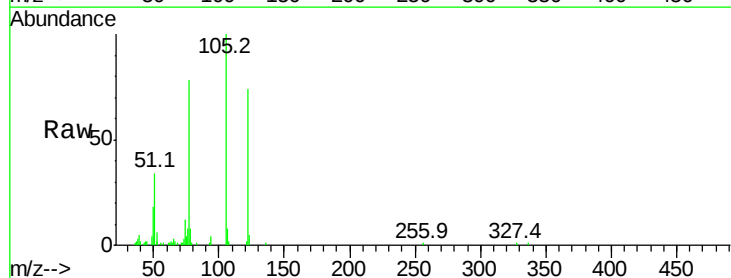
RT: 10.19 min Scan# 1174

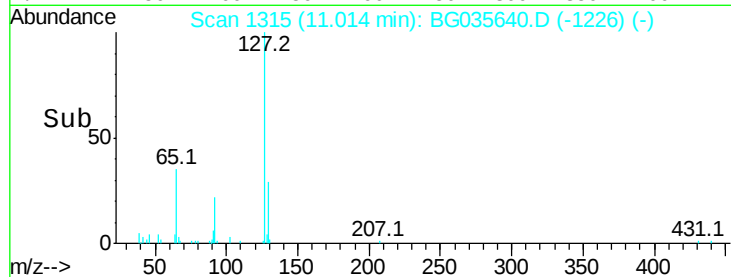
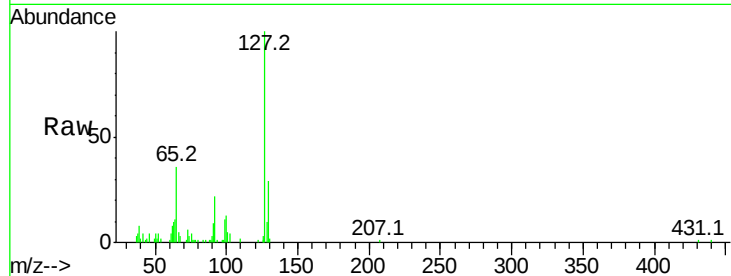
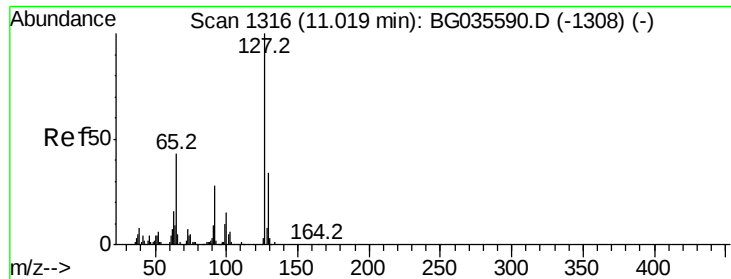
Delta R.T. 0.02 min

Lab File: BG035640.D

Acq: 13 Jul 2018 22:01

Tgt Ion:	122	Resp:	70840
Ion Ratio	Lower	Upper	
122	100		
105	135.0	123.5	163.5
77	105.5	85.7	125.7





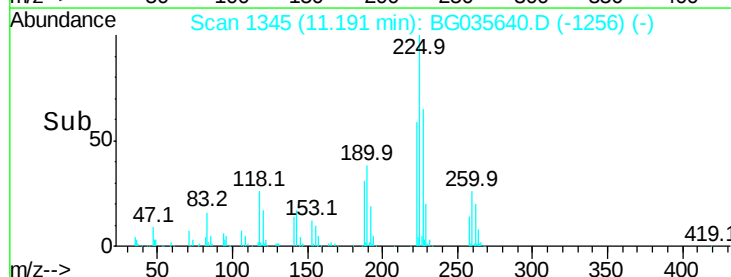
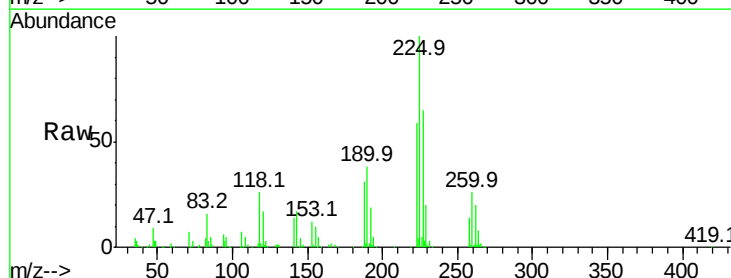
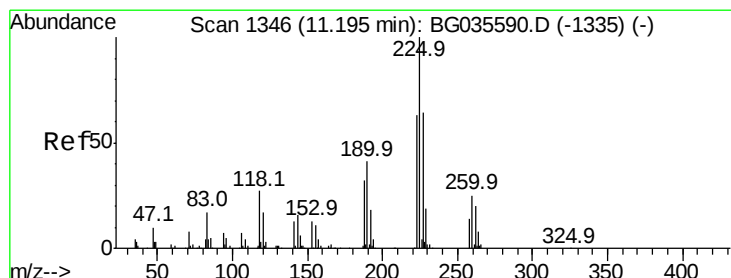
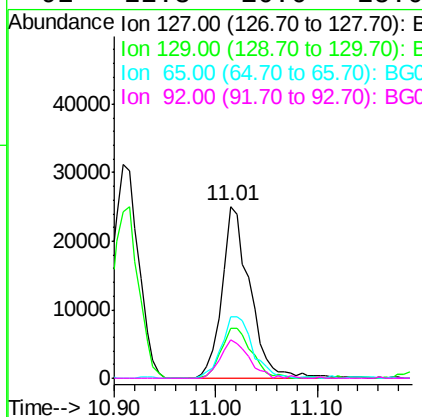
#33
4-Chloroaniline
Concen: 13.214 ng
RT: 11.01 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG035640.D
Acq: 13 Jul 2018 22:01

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	29.1	24.0	36.0	
65	35.7	27.0	40.4	
92	22.3	16.6	25.0	

Instrument :
BNA_G
ClientSampleId :
PB111092BSD

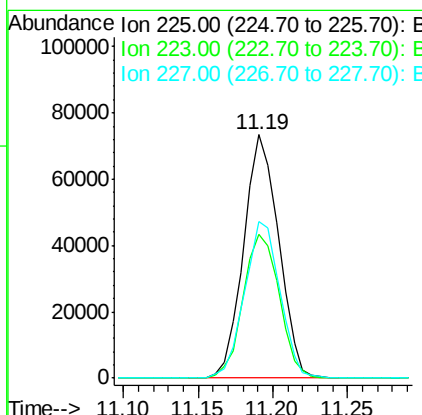
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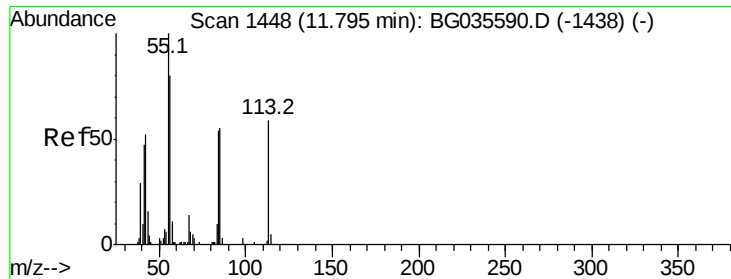
Sohil
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#34
Hexachlorobutadiene
Concen: 47.240 ng
RT: 11.19 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BG035640.D
Acq: 13 Jul 2018 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	59.1	49.7	74.5	
227	64.6	48.1	72.1	





#35

Caprolactam

Concen: 52.625 ng/ml

RT: 11.79 min Scan# 1447

Delta R.T. -0.00 min

Lab File: BG035640.D

Acq: 13 Jul 2018 22:01

Instrument :

BNA_G

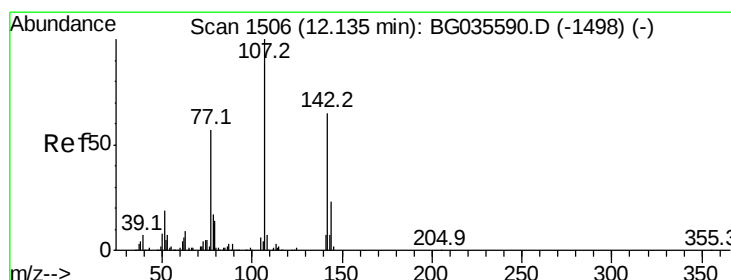
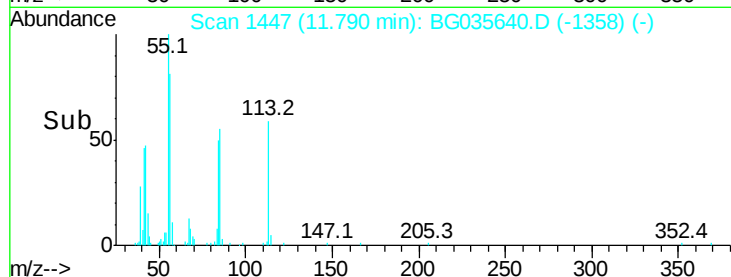
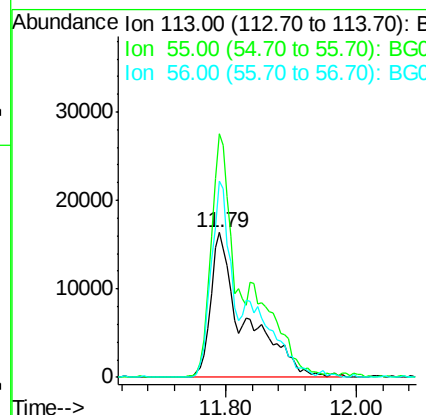
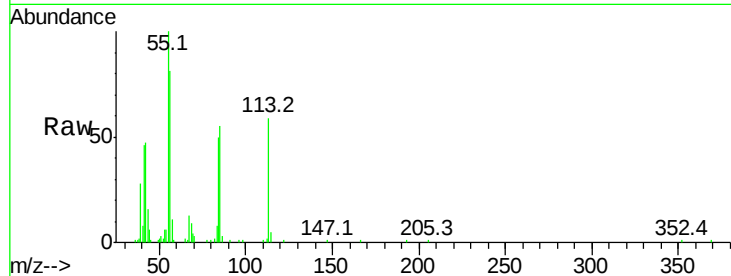
ClientSampleId :

PB111092BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	168.1	186.9	226.9#
56	135.5	130.9	170.9

Manual Integrations
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7/16/2018 3:24:24 PM



#36

4-Chloro-3-methylphenol

Concen: 57.175 ng/ml

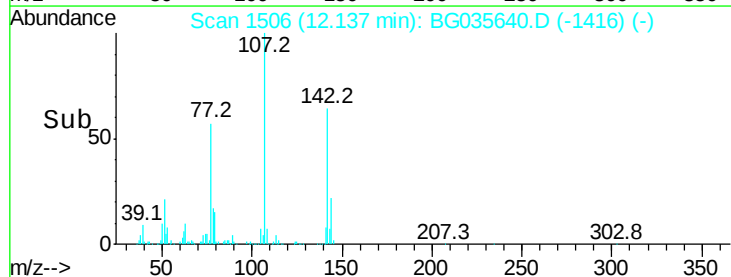
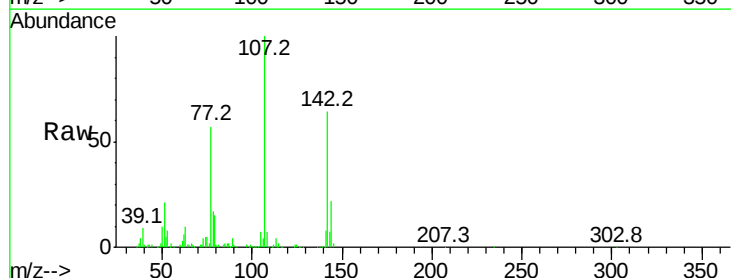
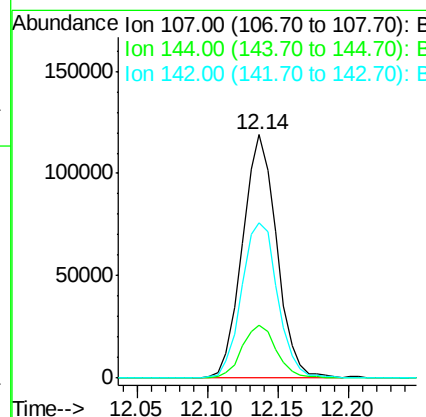
RT: 12.14 min Scan# 1506

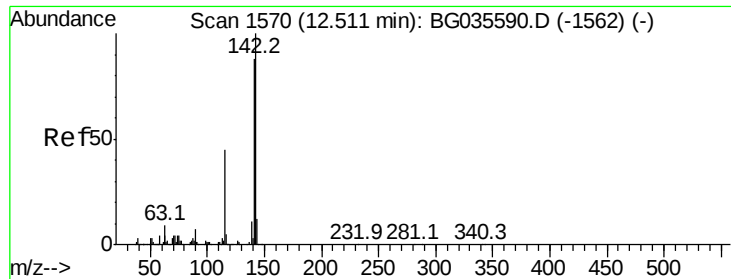
Delta R.T. 0.00 min

Lab File: BG035640.D

Acq: 13 Jul 2018 22:01

Tgt Ion	Ratio	Lower	Upper
107	100		
144	21.6	18.2	27.4
142	63.6	59.0	88.4





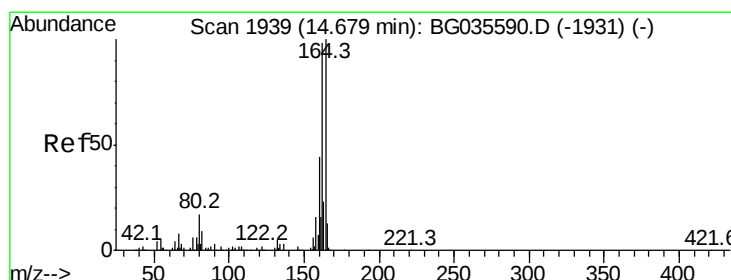
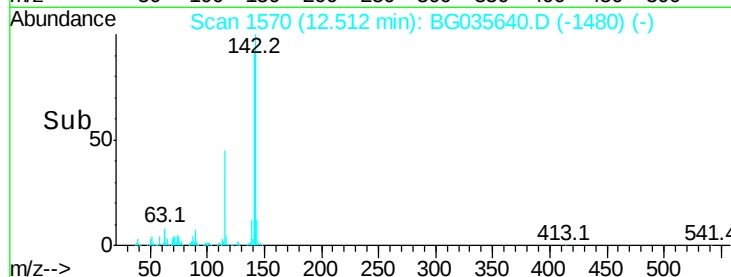
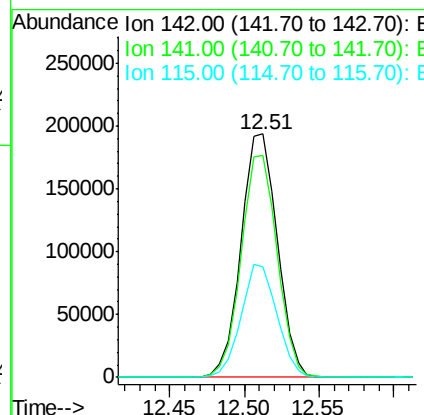
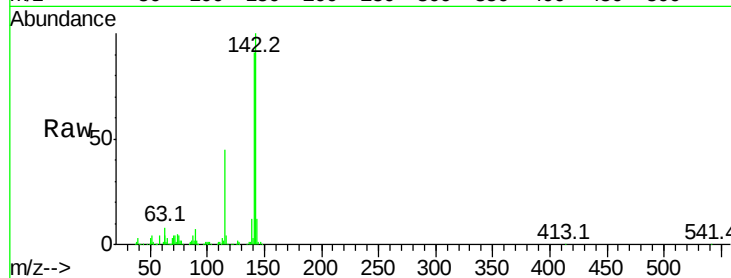
#37
2-Methylnaphthalene
Concen: 52.717 ng
RT: 12.51 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BG035640.D
Acq: 13 Jul 2018 22:01

Instrument :
BNA_G
ClientSampled :
PB111092BSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100			
141	91.3	67.1	100.7	
115	45.4	30.7	46.1	

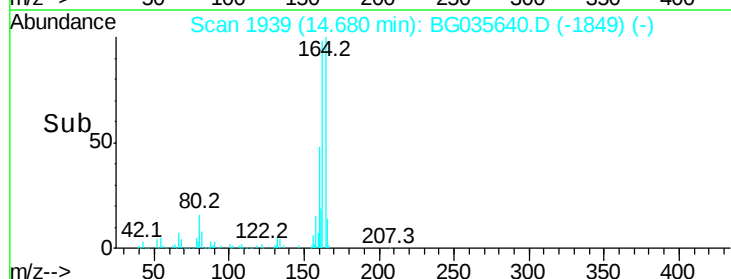
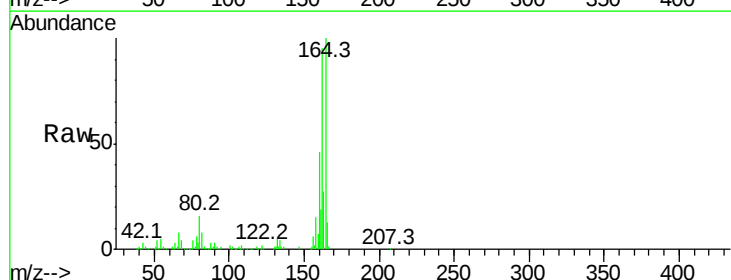
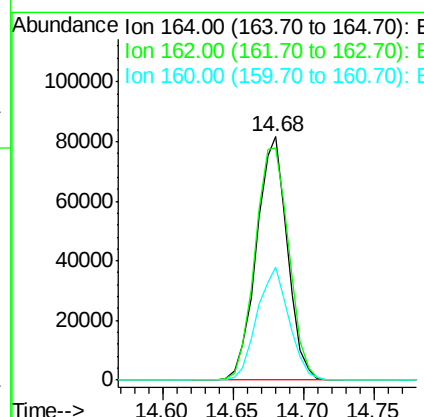
Manual Integrations
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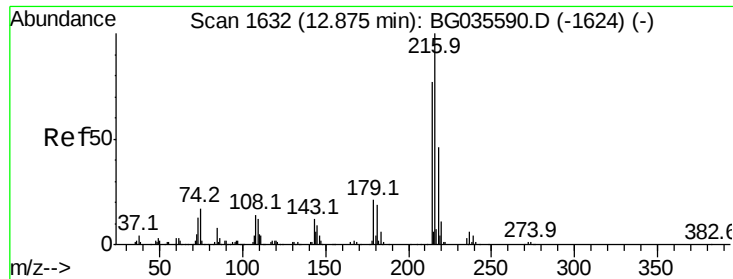
Sohil
7/16/2018 3:24:24 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. 0.00 min
Lab File: BG035640.D
Acq: 13 Jul 2018 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	95.2	78.8	118.2	
160	46.4	35.4	53.0	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 47.567 ng

RT: 12.88 min Scan# 1632

Delta R.T. 0.00 min

Lab File: BG035640.D

Acq: 13 Jul 2018 22:01

Instrument :

BNA_G

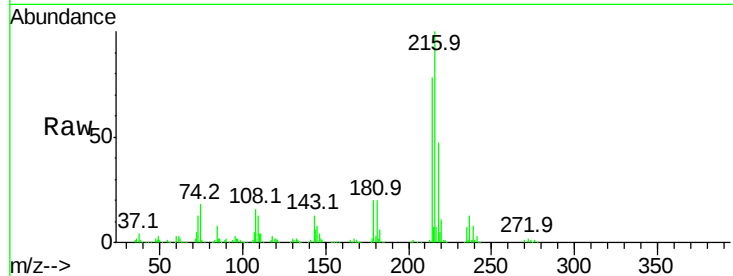
ClientSampleId :

PB111092BSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	225438		
214	77.8	63.0	94.4	
179	19.7	17.0	25.6	
108	17.3	12.8	19.2	

Manual Integrations
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7/16/2018 3:24:24 PM



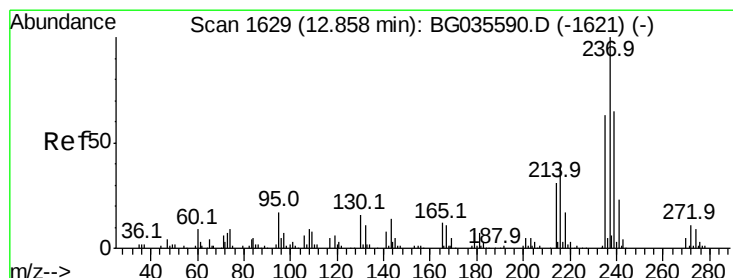
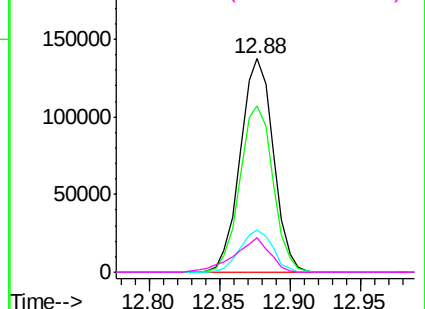
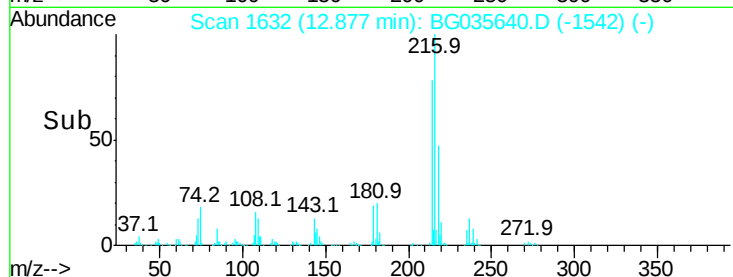
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 115.479 ng

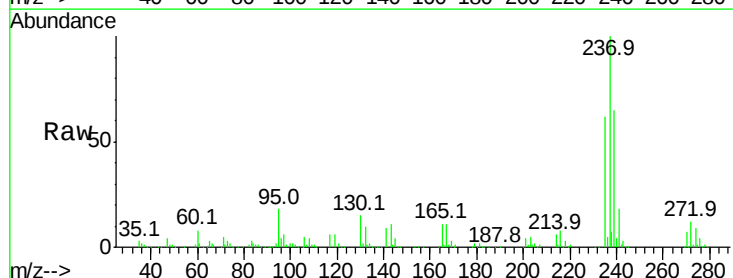
RT: 12.85 min Scan# 1628

Delta R.T. -0.00 min

Lab File: BG035640.D

Acq: 13 Jul 2018 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	287028		
235	62.0	50.4	90.4	
272	11.9	0.0	31.8	

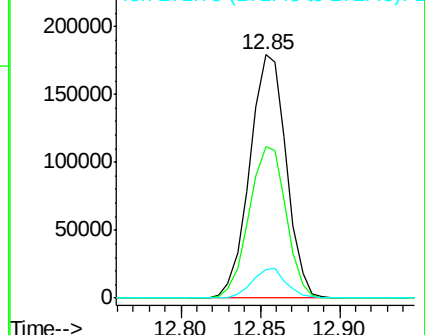
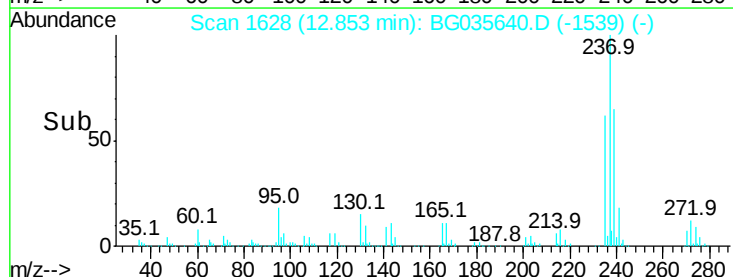


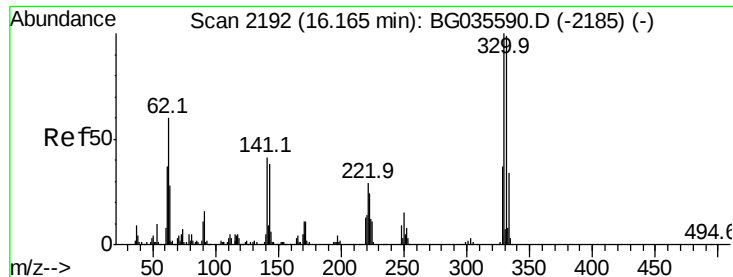
Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





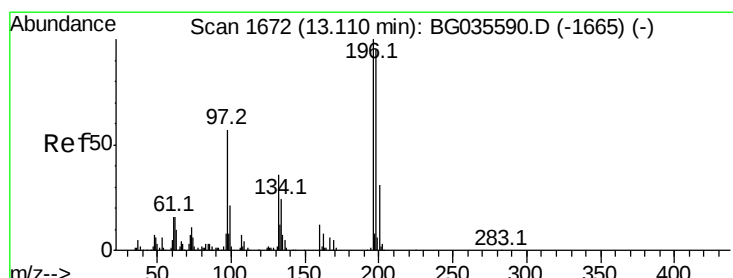
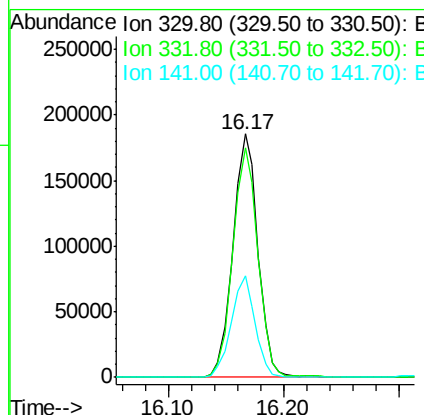
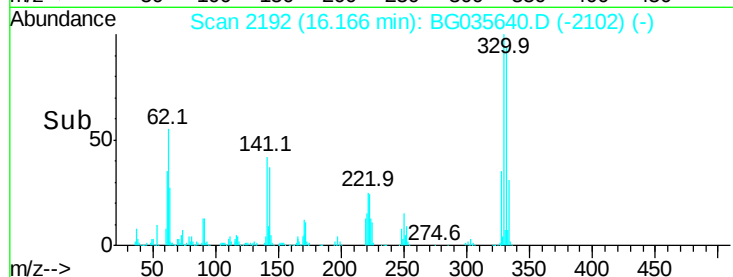
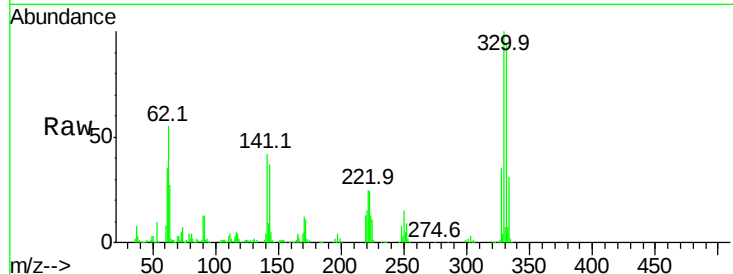
#41
 2,4,6-Tribromophenol
 Concen: 167.544 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. 0.00 min
 Lab File: BG035640.D
 Acq: 13 Jul 2018 22:01

Instrument :
 BNA_G
 ClientSampleId :
 PB111092BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	277298		
332	95.0	77.0	115.6	
141	39.5	25.2	37.8#	

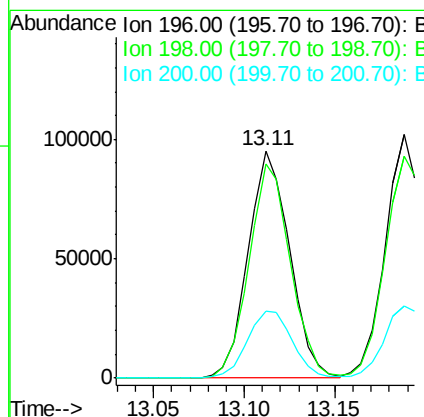
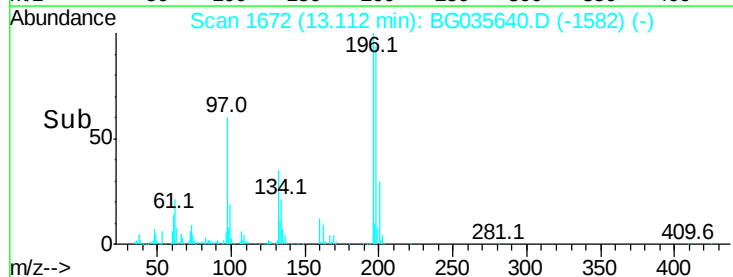
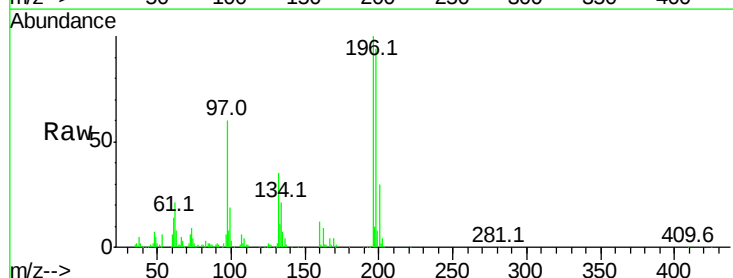
Manual Integrations
 APPROVED

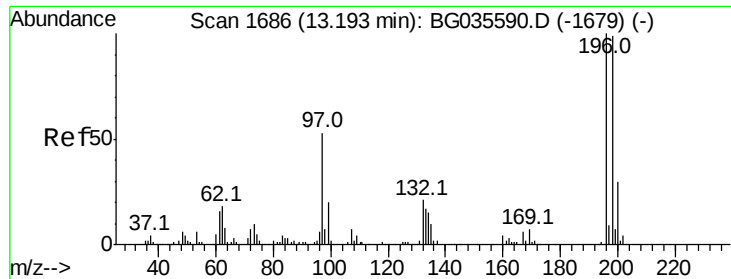
Sohil
 7/16/2018 3:24:24 PM



#42
 2,4,6-Trichlorophenol
 Concen: 54.574 ng
 RT: 13.11 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: BG035640.D
 Acq: 13 Jul 2018 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	151259		
198	94.2	78.2	117.2	
200	29.6	24.6	36.8	





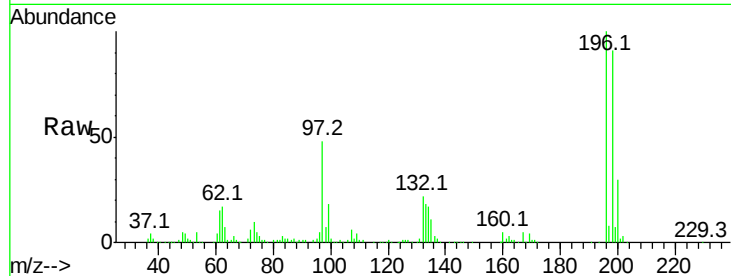
#43
 2,4,5-Trichlorophenol
 Concen: 52.722 ng
 RT: 13.19 min Scan# 1685
 Delta R.T. -0.00 min
 Lab File: BG035640.D
 Acq: 13 Jul 2018 22:01

Instrument :
 BNA_G
 ClientSampleId :
 PB111092BSD

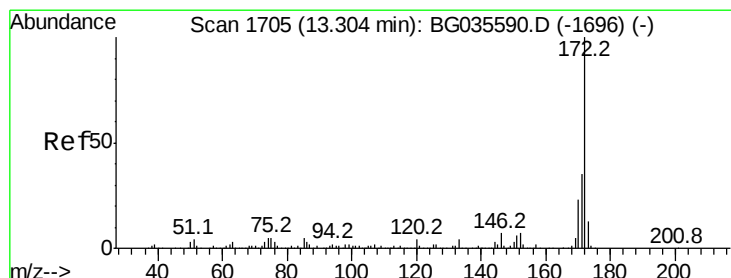
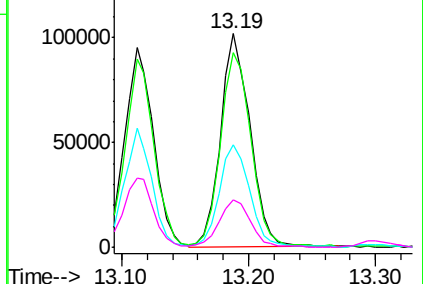
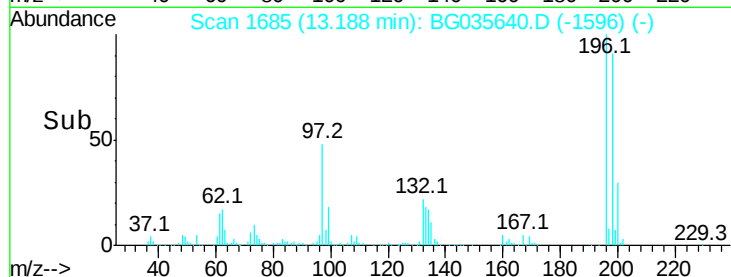
Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		163469		
198	91.2	76.2	114.4		
97	48.2	38.7	58.1		
132	22.2	20.2	30.2		

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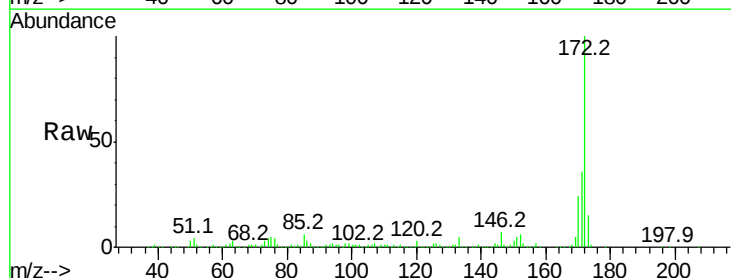


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGO
 Ion 132.00 (131.70 to 132.70): E

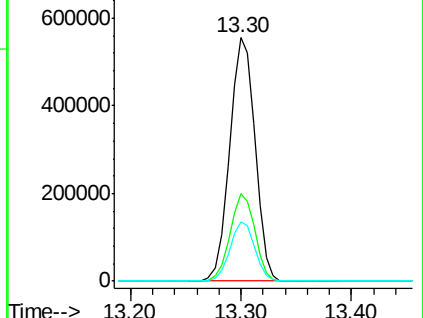
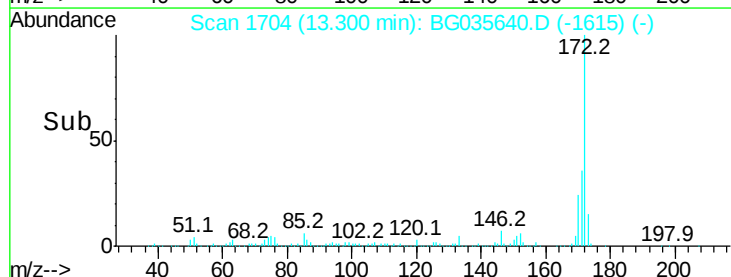


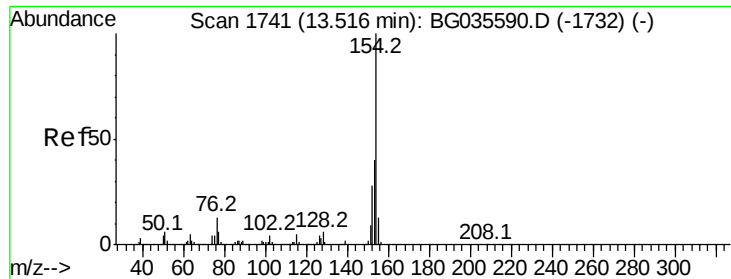
#44
 2-Fluorobiphenyl
 Concen: 95.356 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.00 min
 Lab File: BG035640.D
 Acq: 13 Jul 2018 22:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		893741		
171	36.0	30.0	45.0		
170	24.2	19.5	29.3		



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





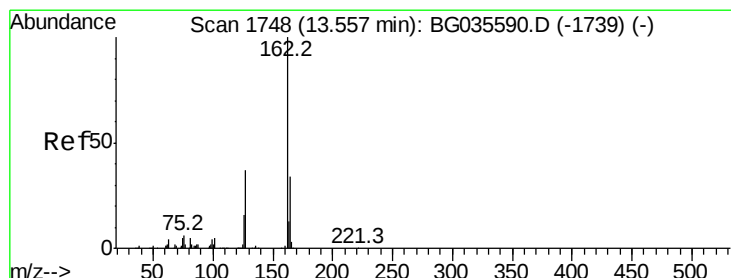
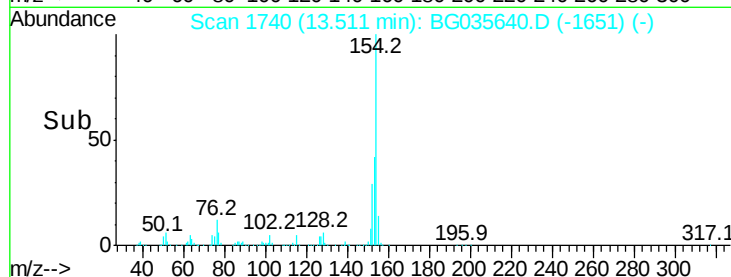
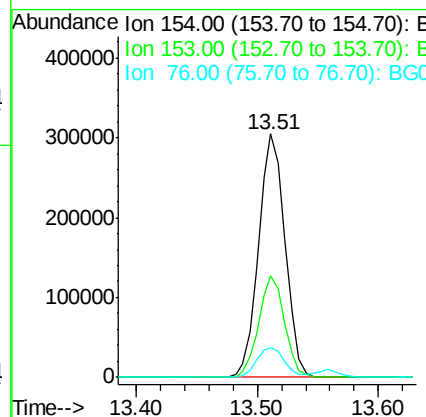
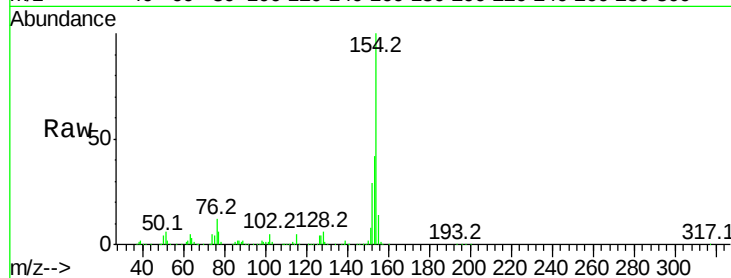
#45
 1,1'-Biphenyl
 Concen: 47.678 ng
 RT: 13.51 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG035640.D
 Acq: 13 Jul 2018 22:01

Instrument :
 BNA_G
 ClientSampleId :
 PB111092BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.8	19.8	59.8
76	12.2	0.0	31.9

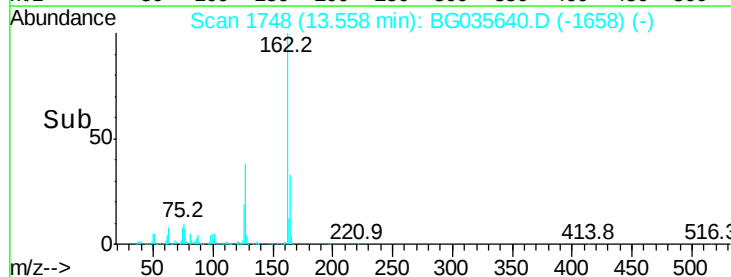
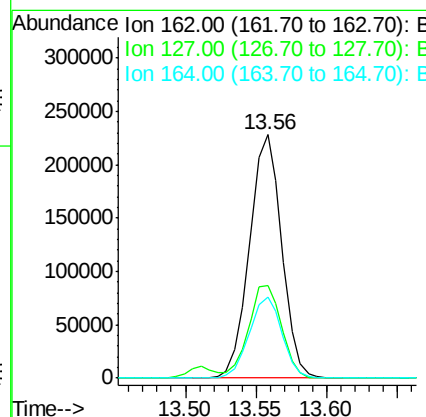
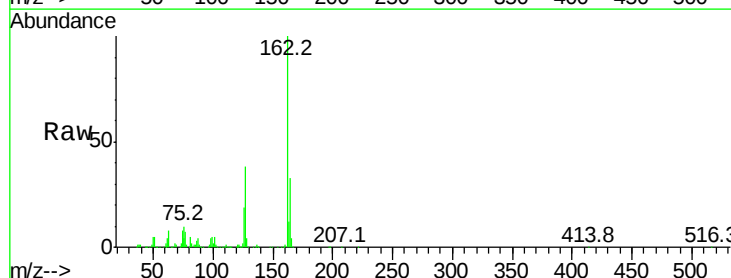
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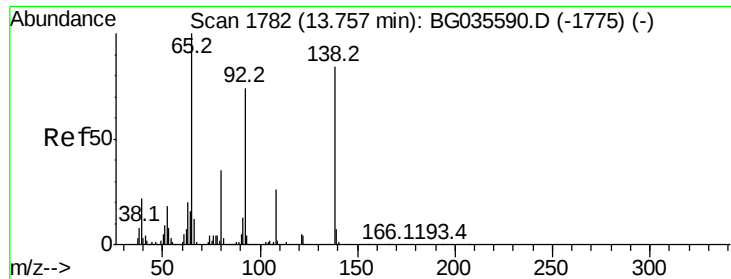
Sohil
 7/16/2018 3:24:24 PM



#46
 2-Chloronaphthalene
 Concen: 48.086 ng
 RT: 13.56 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: BG035640.D
 Acq: 13 Jul 2018 22:01

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.8	30.7	46.1
164	33.2	26.0	39.0





#47

2-Nitroaniline

Concen: 50.000 ng

RT: 13.76 min Scan# 1782

Delta R.T. 0.00 min

Lab File: BG035640.D

Acq: 13 Jul 2018 22:01

Instrument :

BNA_G

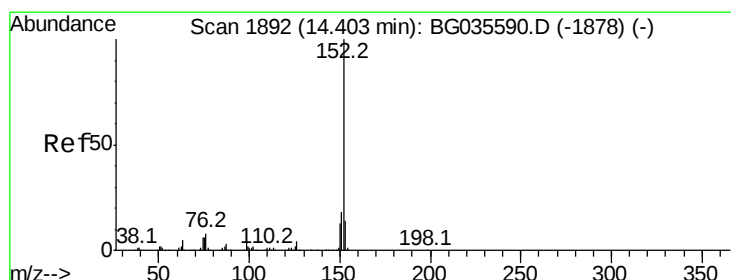
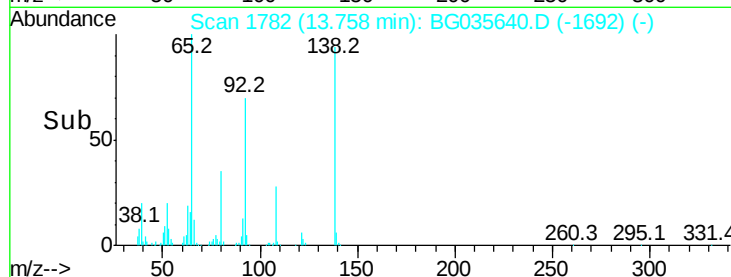
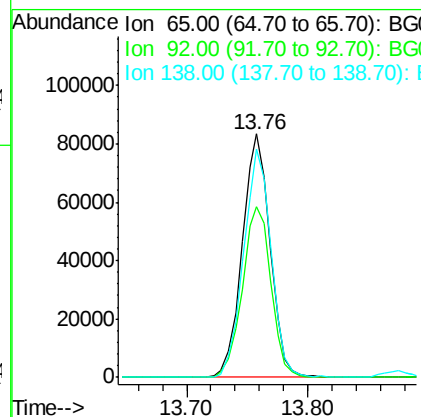
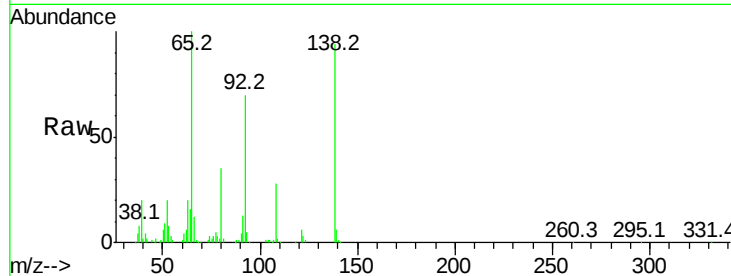
ClientSampleId :

PB111092BSD

Tot Ion:	65	Resp:	133858
Ion Ratio	Lower	Upper	
65	100		
92	70.3	54.6	82.0
138	93.8	72.9	109.3

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#48

Acenaphthylene

Concen: 48.825 ng

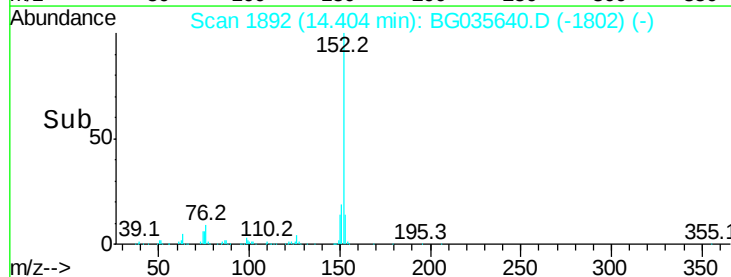
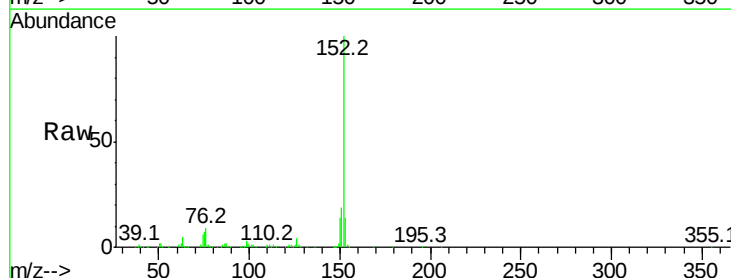
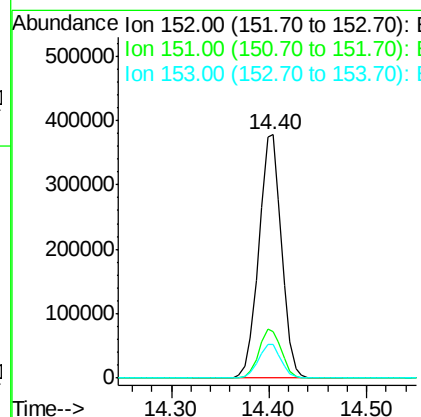
RT: 14.40 min Scan# 1892

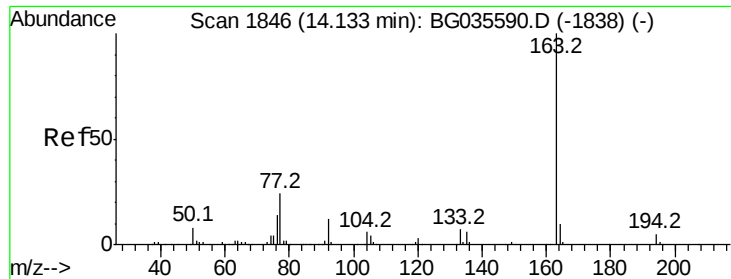
Delta R.T. 0.00 min

Lab File: BG035640.D

Acq: 13 Jul 2018 22:01

Tgt Ion:	152	Resp:	619332
Ion Ratio	Lower	Upper	
152	100		
151	19.1	17.2	25.8
153	14.0	10.2	15.4





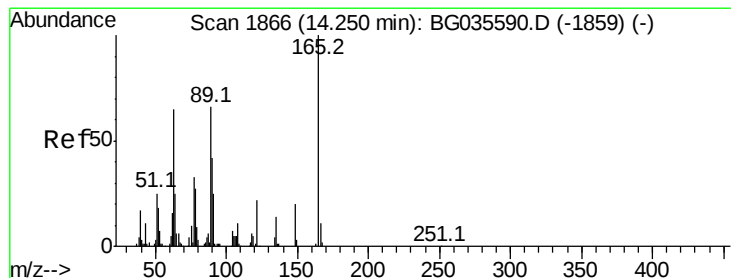
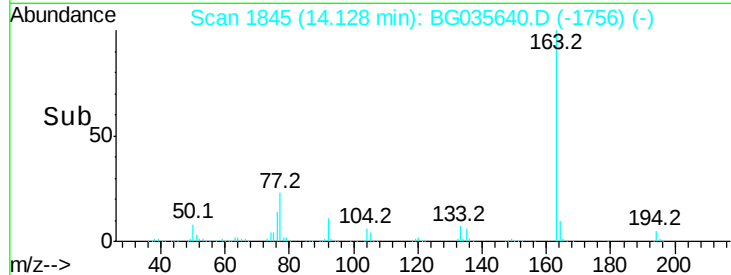
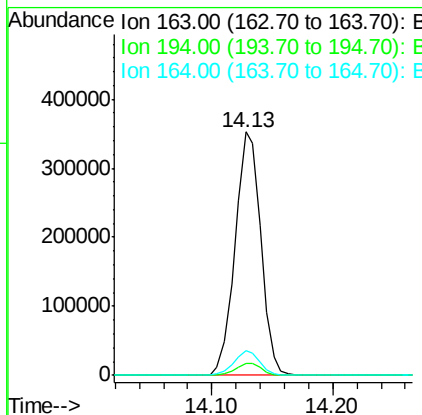
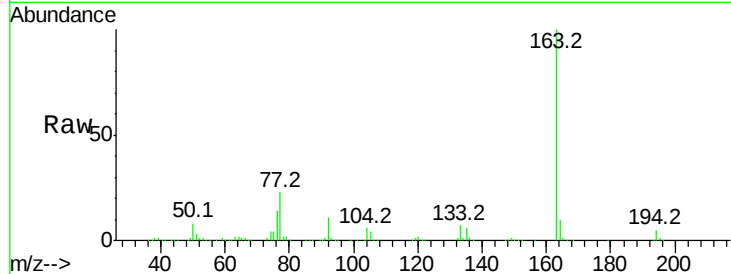
#49
Dimethylphthalate
Concen: 47.478 ng
RT: 14.13 min Scan# 1845
Delta R.T. -0.00 min
Lab File: BG035640.D
Acq: 13 Jul 2018 22:01

Instrument :
BNA_G
ClientSampleId :
PB111092BSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	522337		
194	4.9		3.4	5.2
164	10.3		8.2	12.4

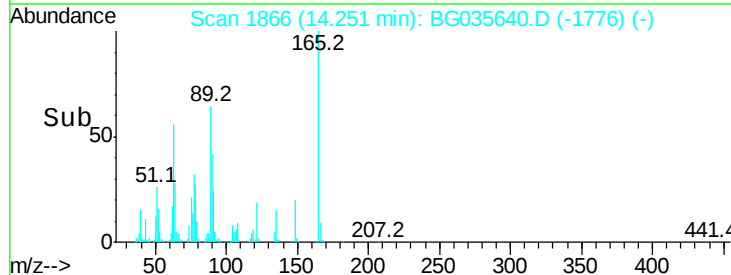
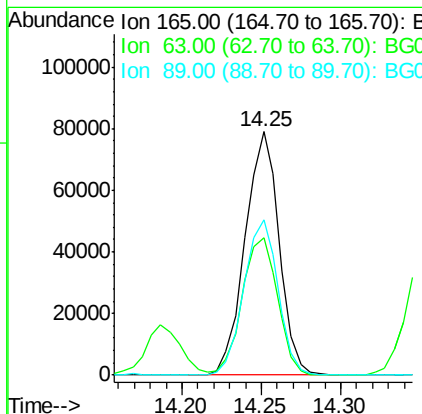
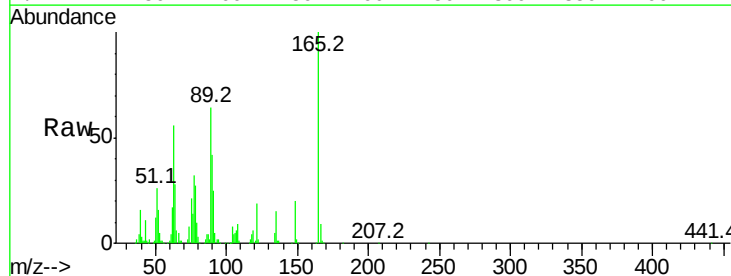
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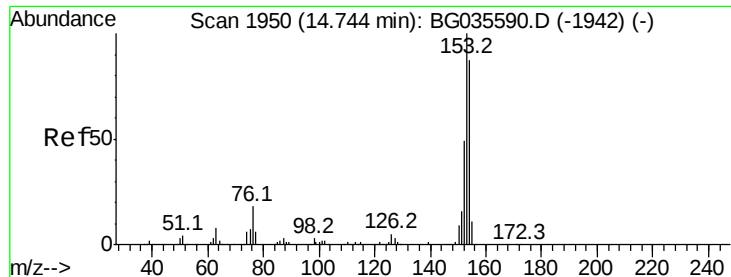
Sohil
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#50
2,6-Dinitrotoluene
Concen: 52.555 ng
RT: 14.25 min Scan# 1866
Delta R.T. 0.00 min
Lab File: BG035640.D
Acq: 13 Jul 2018 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	117742		
63	56.4		52.7	79.1
89	64.0		49.2	73.8





#51

Acenaphthene

Concen: 45.937 ng

RT: 14.74 min Scan# 1950

Delta R.T. 0.00 min

Lab File: BG035640.D

Acq: 13 Jul 2018 22:01

Instrument :

BNA_G

ClientSampleId :

PB111092BSD

Tot Ion:154 Resp: 362990

Ion Ratio Lower Upper

154 100

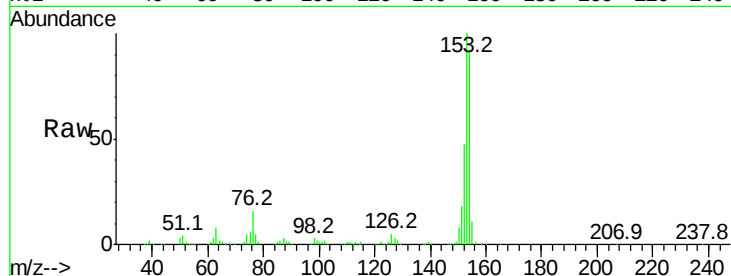
153 109.1 90.4 135.6

152 51.3 41.6 62.4

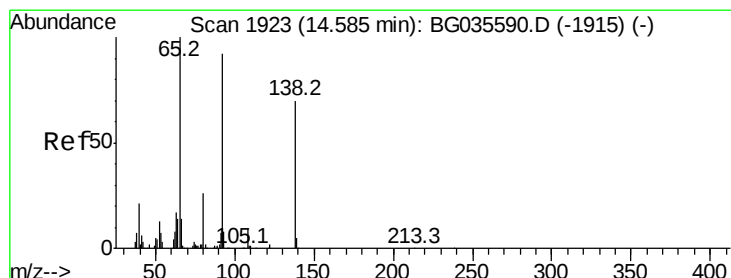
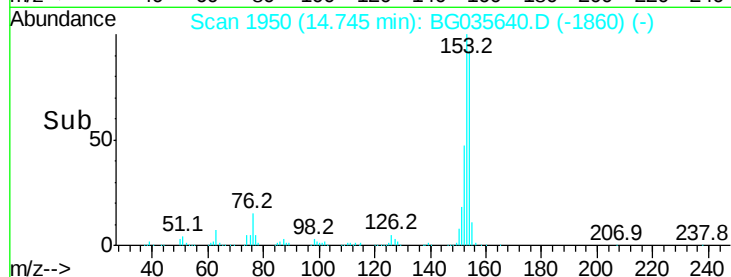
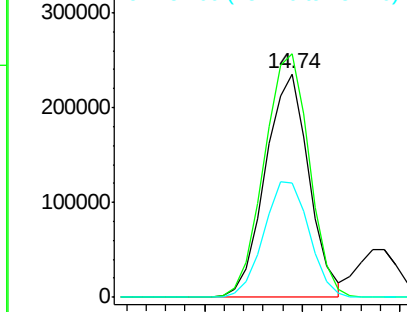
Manual Integrations
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 23.340 ng

RT: 14.58 min Scan# 1922

Delta R.T. -0.00 min

Lab File: BG035640.D

Acq: 13 Jul 2018 22:01

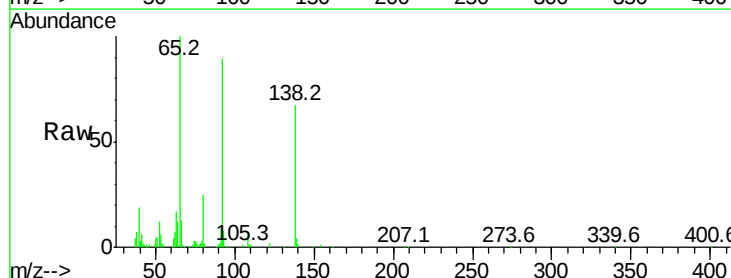
Tgt Ion:138 Resp: 53443

Ion Ratio Lower Upper

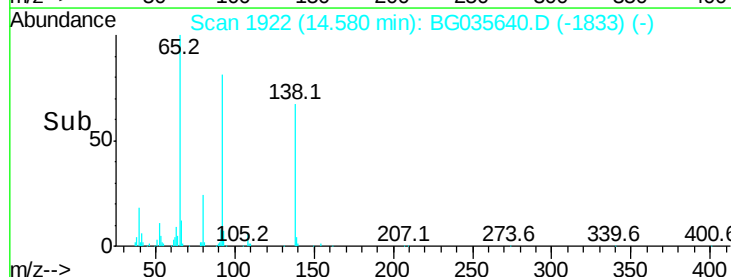
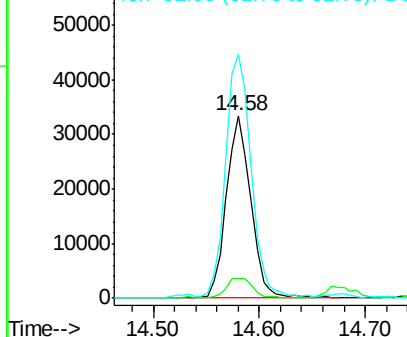
138 100

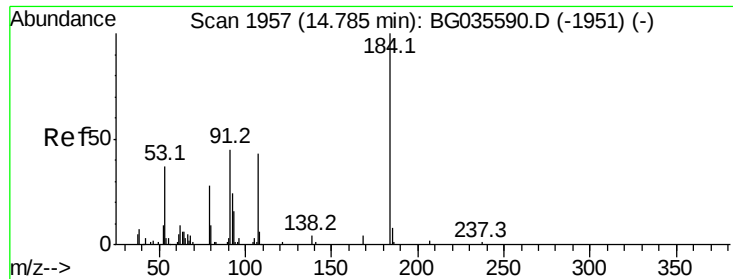
108 10.6 17.5 26.3#

92 133.5 105.8 158.8



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC





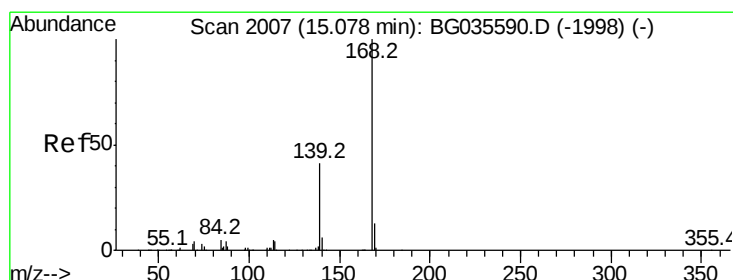
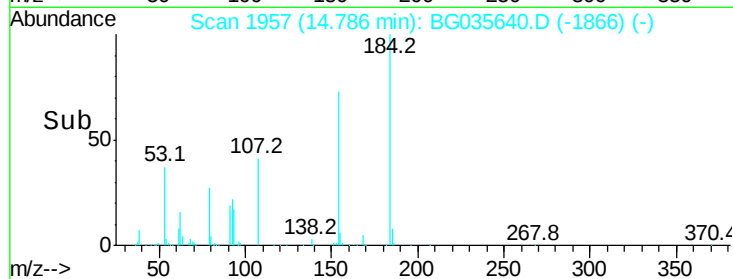
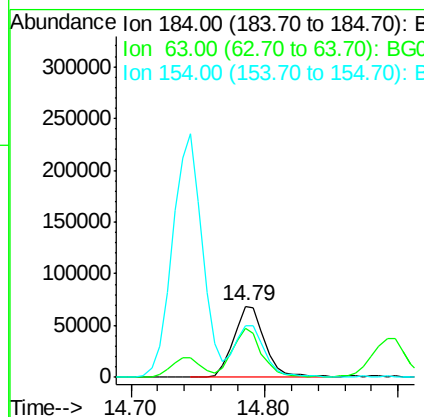
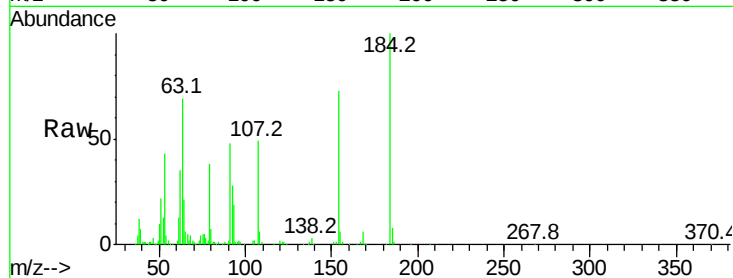
#53
2,4-Dinitrophenol
Concen: 95.320 ng
RT: 14.79 min Scan# 1957
Delta R.T. 0.00 min
Lab File: BG035640.D
Acq: 13 Jul 2018 22:01

Instrument :
BNA_G
ClientSampleId :
PB111092BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	69.2	59.8	89.8	
154	73.0	101.8	152.8	

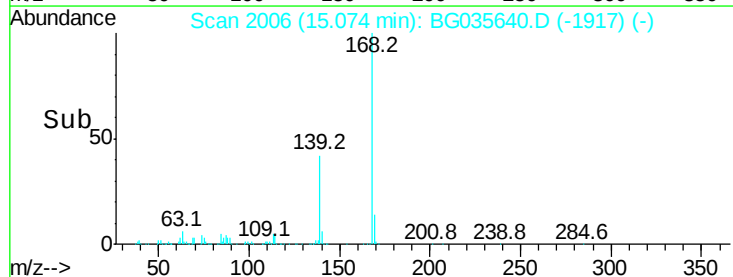
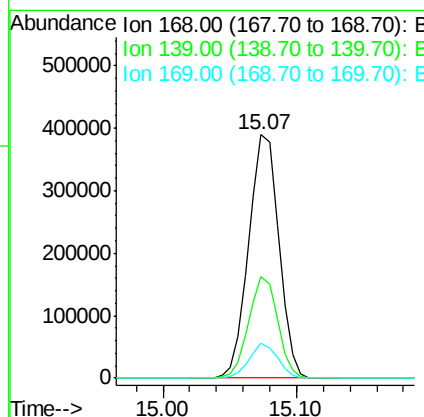
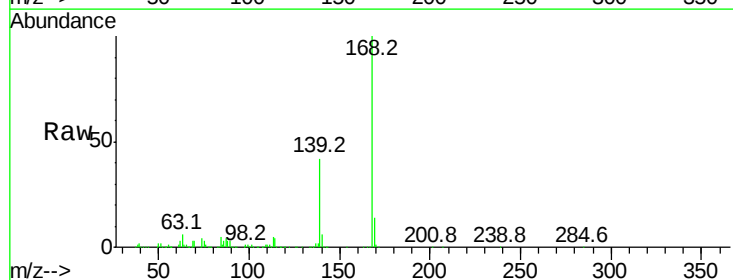
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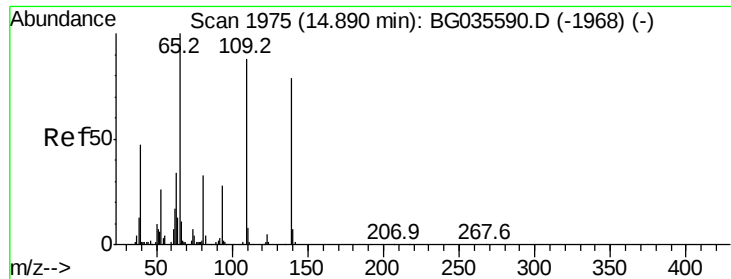
Sohil
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#54
Dibenzofuran
Concen: 48.281 ng
RT: 15.07 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BG035640.D
Acq: 13 Jul 2018 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	41.6	28.6	43.0	
169	14.3	11.2	16.8	





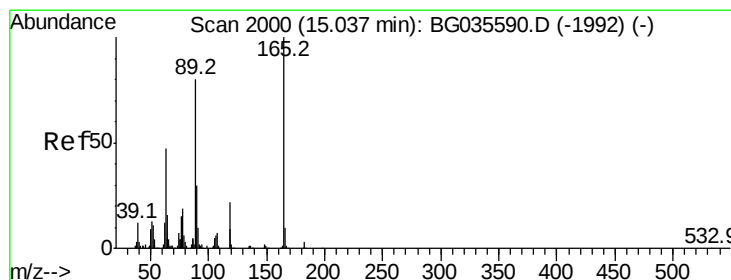
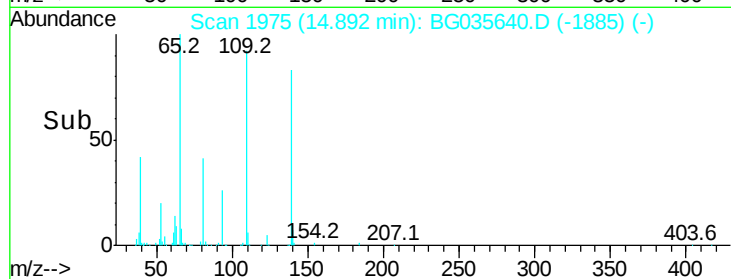
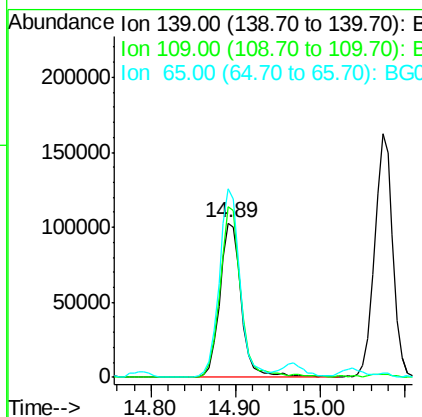
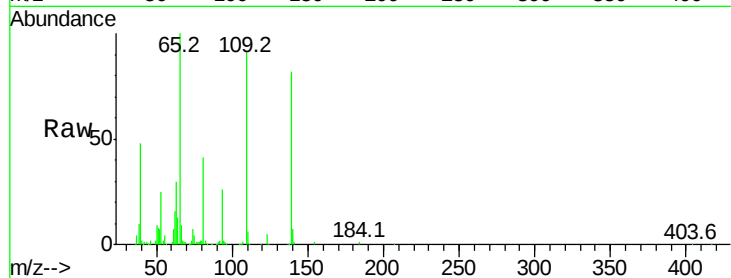
#55
4-Nitrophenol
Concen: 111.768 ng
RT: 14.89 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BG035640.D
Acq: 13 Jul 2018 22:01

Instrument :
BNA_G
ClientSampleId :
PB111092BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	110.9	62.2	102.2#	
65	122.0	97.2	137.2	

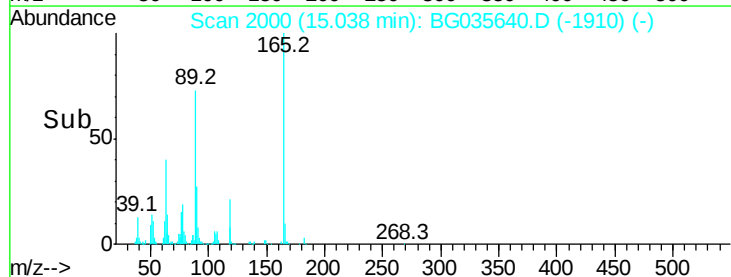
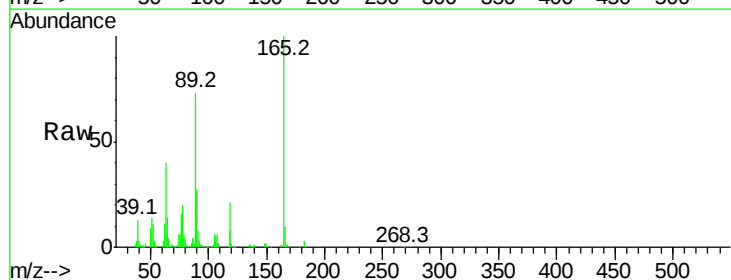
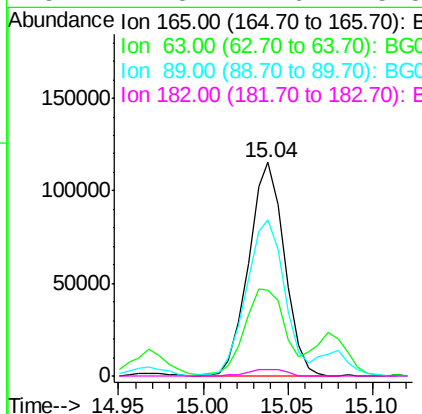
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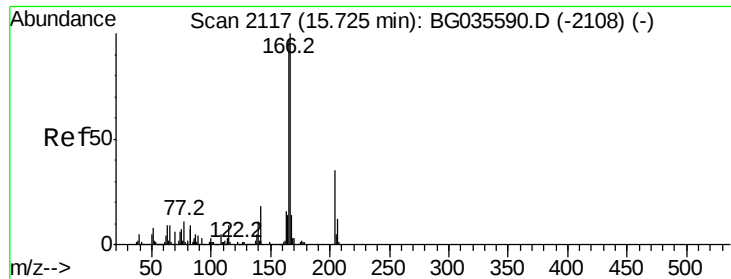
Sohil
7/16/2018 3:24:24 PM



#56
2,4-Dinitrotoluene
Concen: 52.760 ng
RT: 15.04 min Scan# 2000
Delta R.T. 0.00 min
Lab File: BG035640.D
Acq: 13 Jul 2018 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	40.4	42.0	63.0#	
89	73.4	66.9	100.3	
182	2.8	2.6	3.8	





#57

Fluorene

Concen: 47.812 ng

RT: 15.73 min Scan# 2117

Delta R.T. 0.00 min

Lab File: BG035640.D

Acq: 13 Jul 2018 22:01

Instrument :

BNA_G

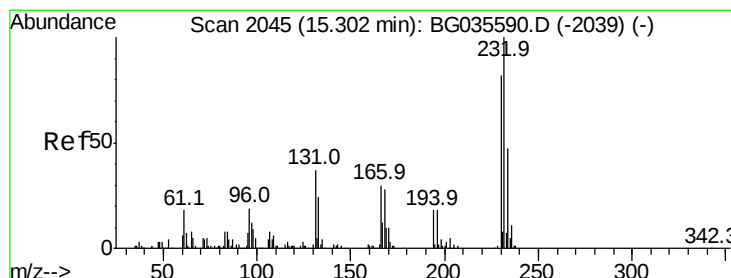
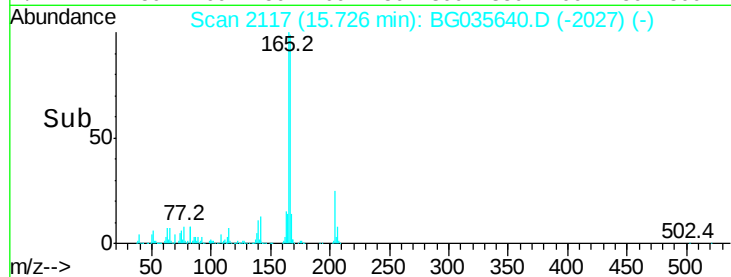
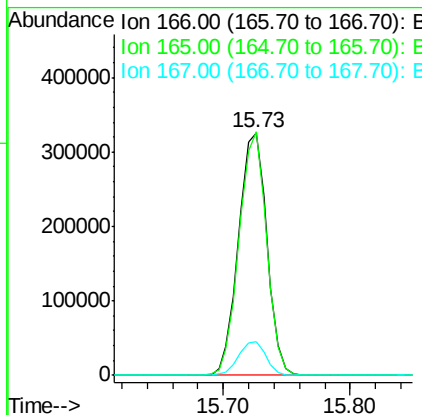
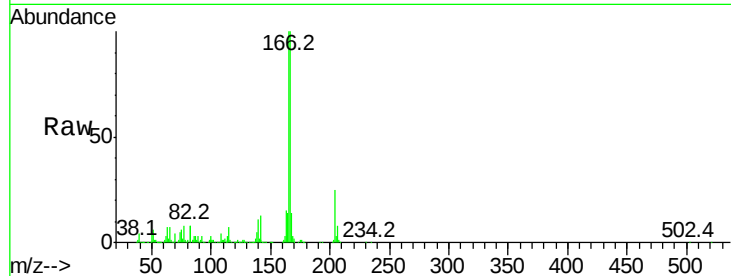
ClientSampleId :

PB111092BSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.5	80.6	121.0
167	14.1	10.4	15.6

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 57.125 ng

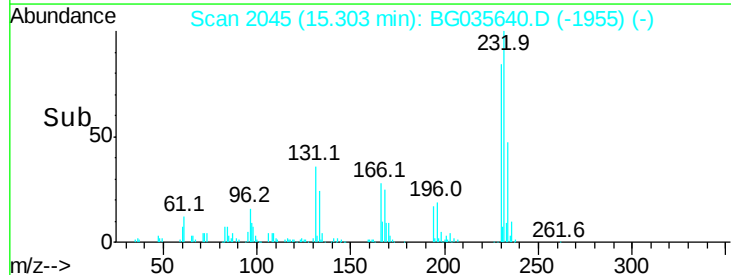
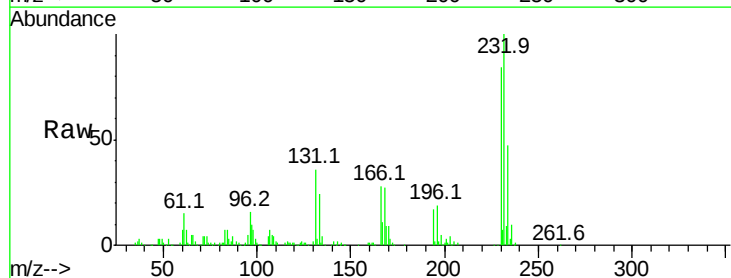
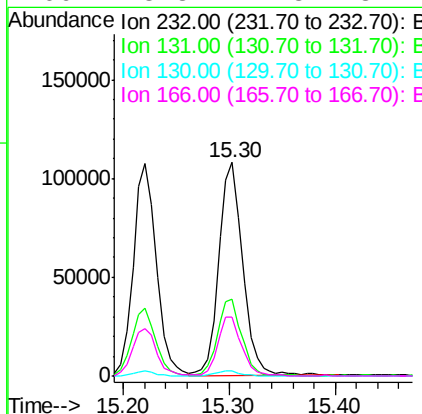
RT: 15.30 min Scan# 2045

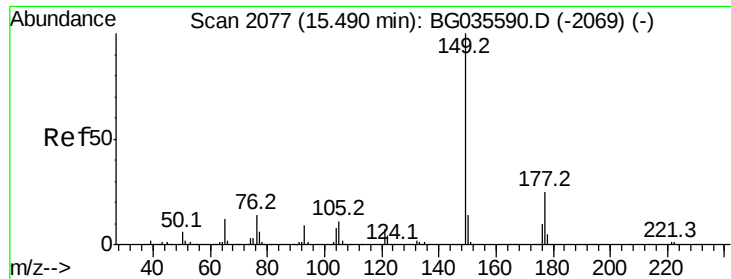
Delta R.T. 0.00 min

Lab File: BG035640.D

Acq: 13 Jul 2018 22:01

Tgt Ion	Ratio	Lower	Upper
232	100		
131	35.5	33.5	50.3
130	2.3	2.2	3.2
166	28.3	24.8	37.2





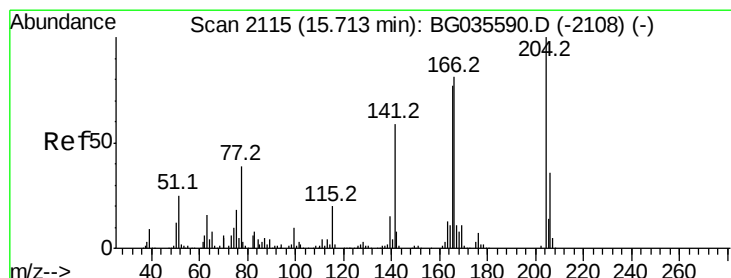
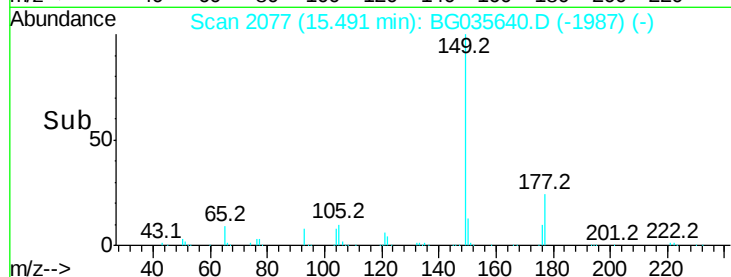
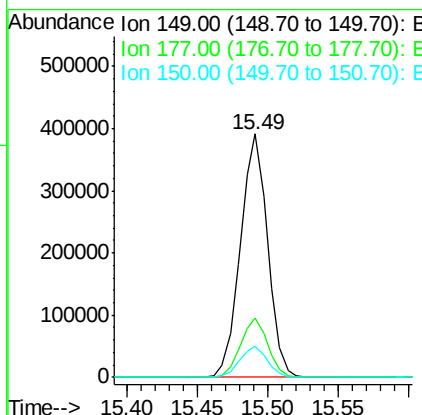
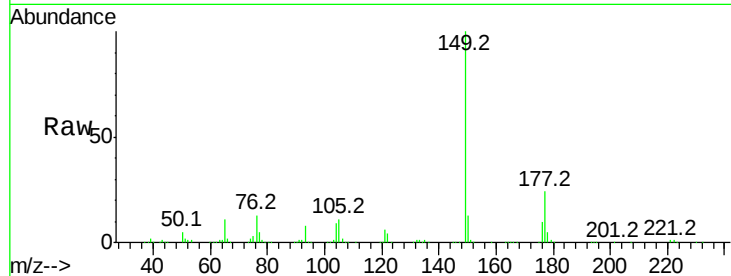
#59
Diethylphthalate
Concen: 46.446 ng
RT: 15.49 min Scan# 2077
Delta R.T. 0.00 min
Lab File: BG035640.D
Acq: 13 Jul 2018 22:01

Instrument :
BNA_G
ClientSampleId :
PB111092BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	525419		
177	24.2		18.5	27.7
150	12.9		10.2	15.2

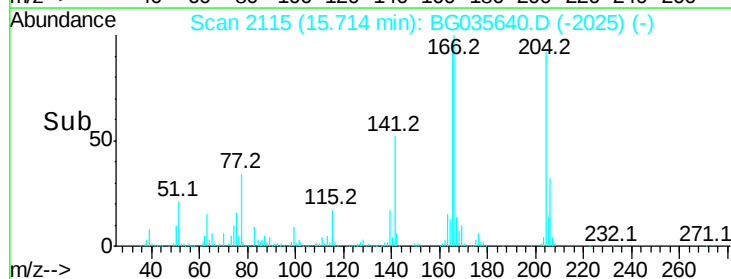
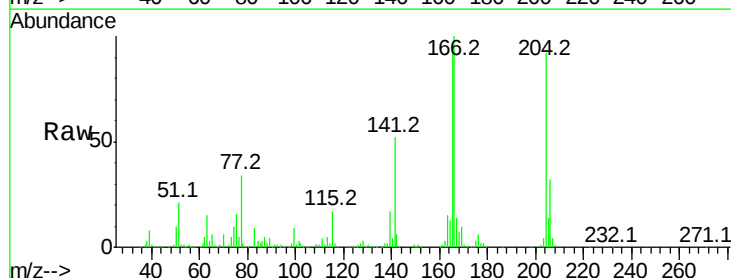
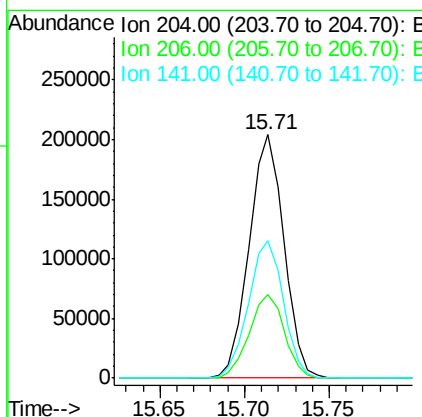
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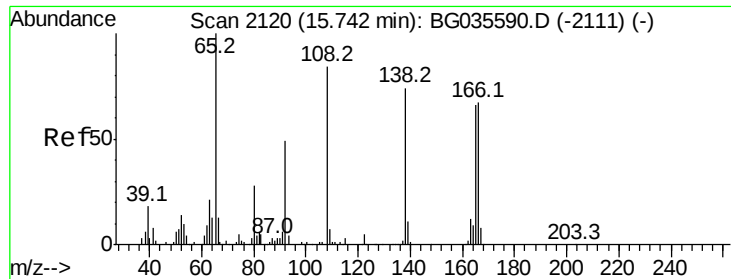
Sohil
7/16/2018 3:24:24 PM



#60
4-Chlorophenyl-phenylether
Concen: 47.295 ng
RT: 15.71 min Scan# 2115
Delta R.T. 0.00 min
Lab File: BG035640.D
Acq: 13 Jul 2018 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	292788		
206	34.5		26.2	39.2
141	56.4		45.8	68.6





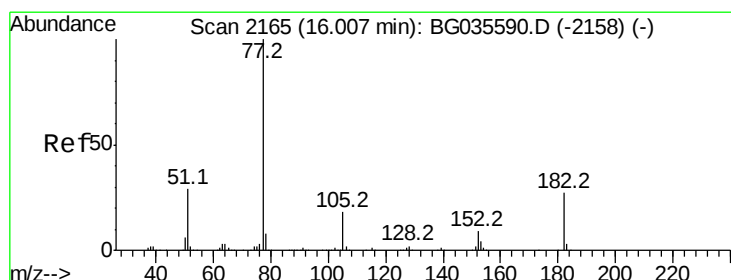
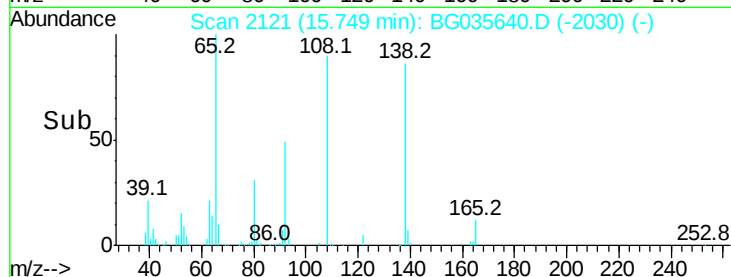
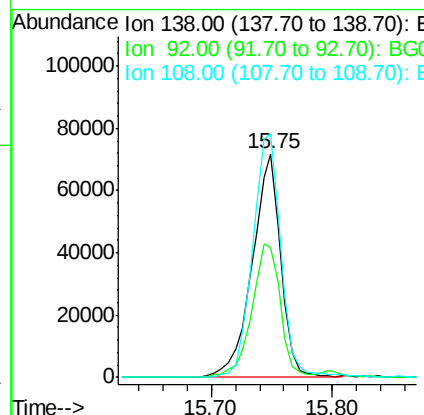
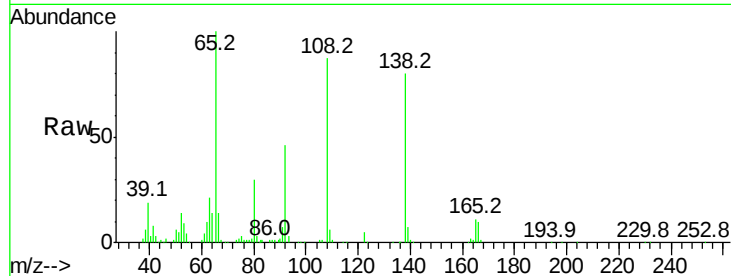
#61
4-Nitroaniline
Concen: 49.336 ng
RT: 15.75 min Scan# 2121
Delta R.T. 0.01 min
Lab File: BG035640.D
Acq: 13 Jul 2018 22:01

Instrument :
BNA_G
ClientSampleId :
PB111092BSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	57.7	40.1	80.1
108	108.8	65.4	105.4

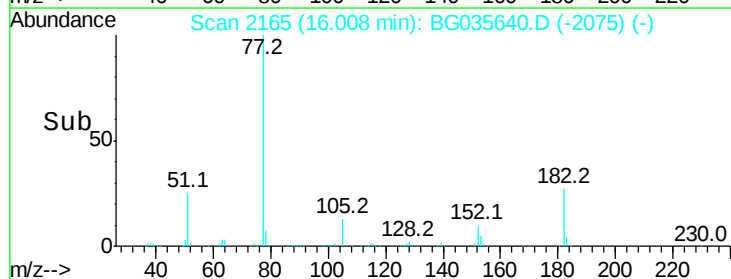
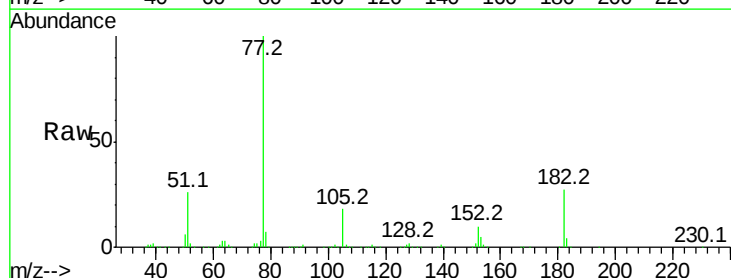
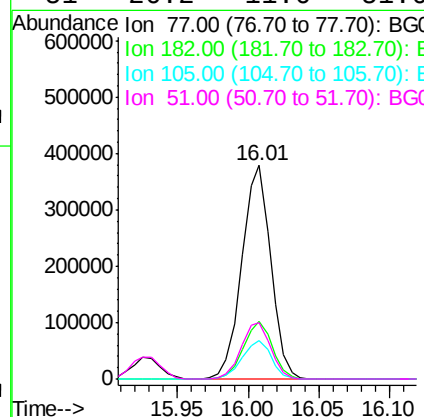
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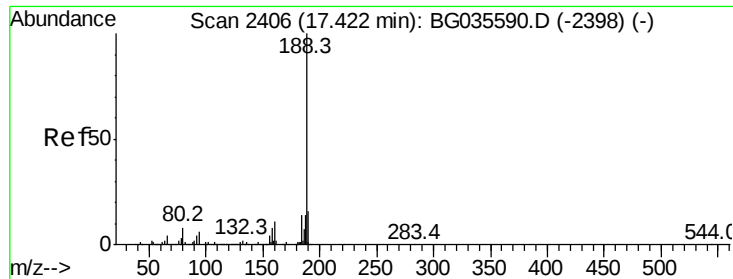
Sohil
7/16/2018 3:24:24 PM



#62
Azobenzene
Concen: 48.527 ng
RT: 16.01 min Scan# 2165
Delta R.T. 0.00 min
Lab File: BG035640.D
Acq: 13 Jul 2018 22:01

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.7	7.4	47.4
105	17.8	0.3	40.3
51	26.2	11.6	51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2406

Delta R.T. 0.00 min

Lab File: BG035640.D

Acq: 13 Jul 2018 22:01

Instrument :

BNA_G

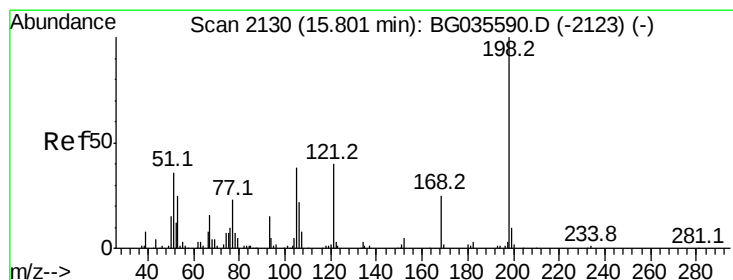
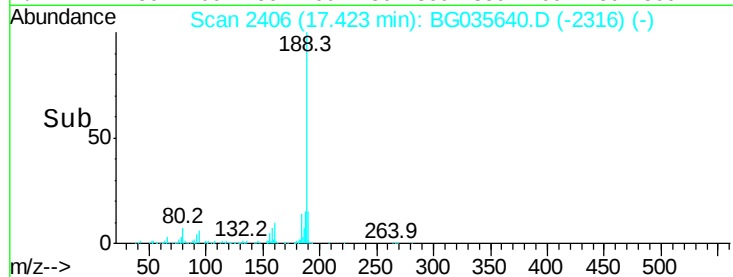
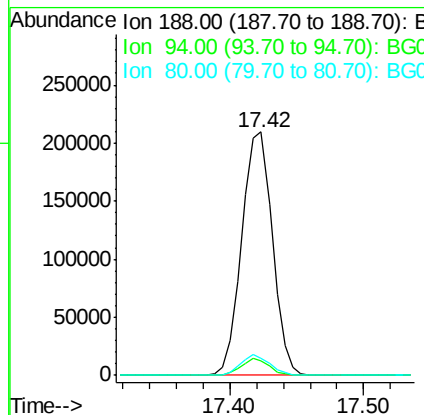
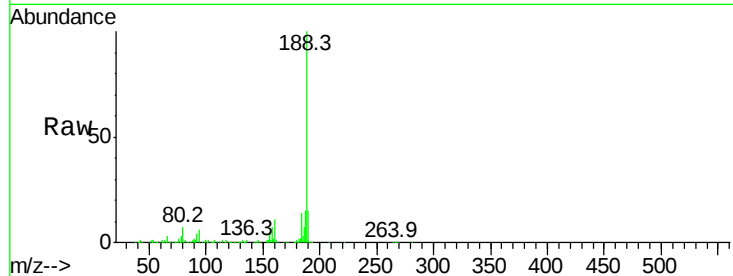
ClientSampleId :

PB111092BSD

Tot Ion:	188	Resp:	331768
Ion Ratio	Lower	Upper	
188	100		
94	5.7	6.9	10.3#
80	7.1	7.7	11.5#

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#64

4,6-Dinitro-2-methylphenol

Concen: 50.211 ng

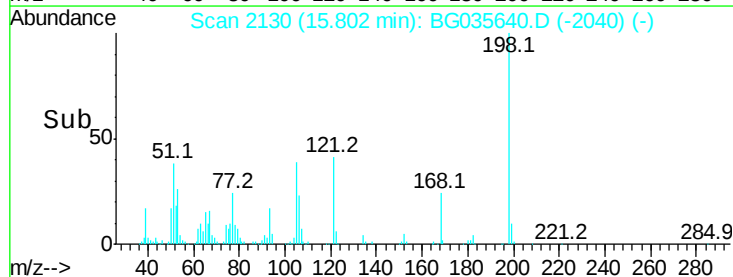
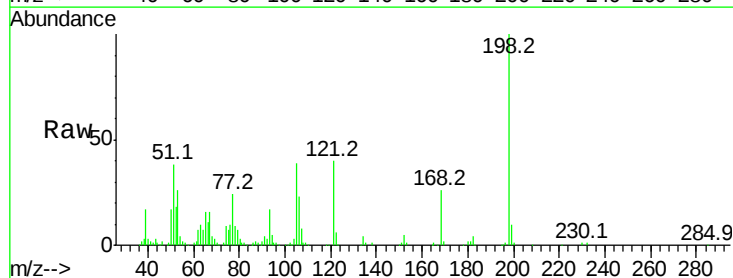
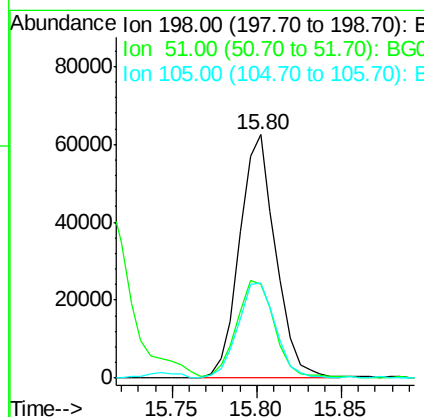
RT: 15.80 min Scan# 2130

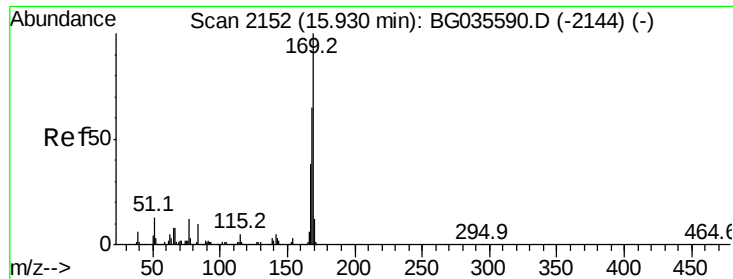
Delta R.T. 0.00 min

Lab File: BG035640.D

Acq: 13 Jul 2018 22:01

Tgt Ion:	198	Resp:	92732
Ion Ratio	Lower	Upper	
198	100		
51	38.3	30.6	70.6
105	39.0	23.8	63.8





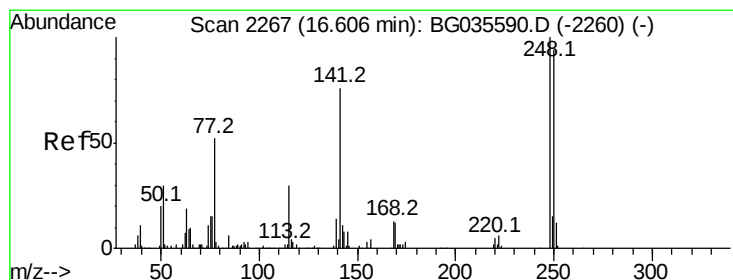
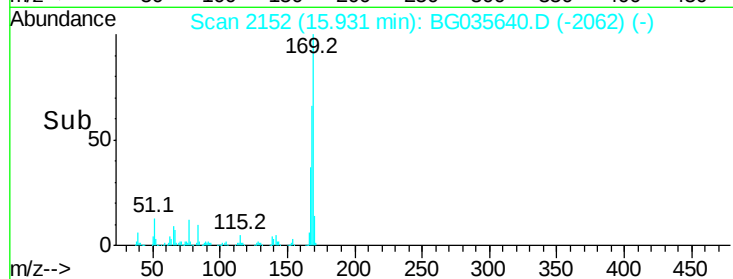
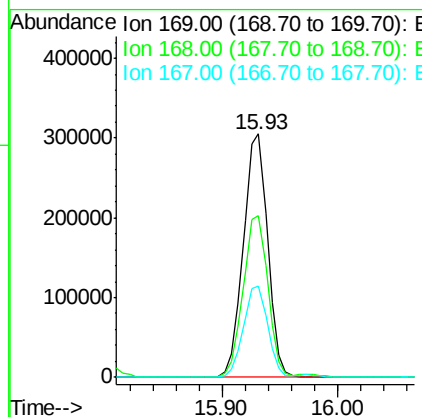
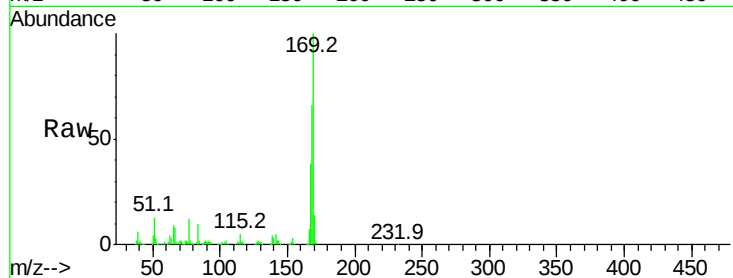
#65
n-Nitrosodiphenylamine
Concen: 47.145 ng
RT: 15.93 min Scan# 2152
Delta R.T. 0.00 min
Lab File: BG035640.D
Acq: 13 Jul 2018 22:01

Instrument :
BNA_G
ClientSampleId :
PB111092BSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	445206		
168	66.5		55.7	83.5
167	37.5		30.1	45.1

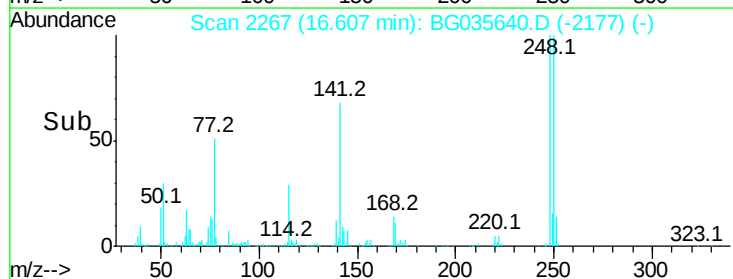
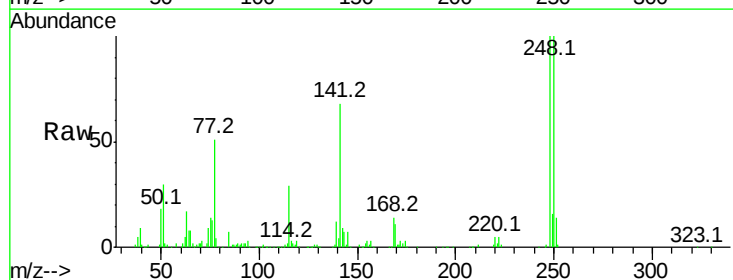
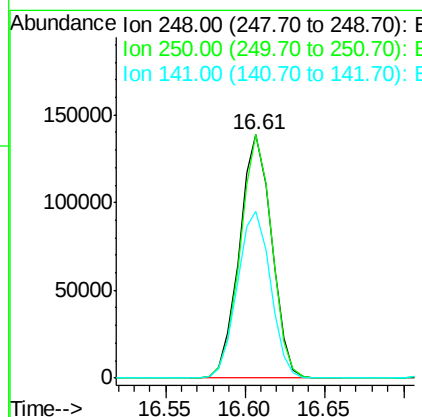
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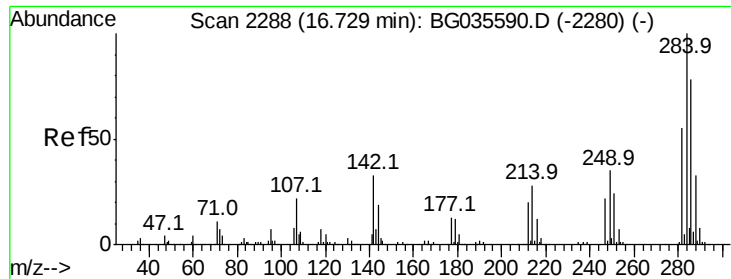
Sohil
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#66
4-Bromophenyl-phenylether
Concen: 50.761 ng
RT: 16.61 min Scan# 2267
Delta R.T. 0.00 min
Lab File: BG035640.D
Acq: 13 Jul 2018 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	195381		
250	100.0		77.1	115.7
141	68.4		50.8	76.2





#67

Hexachlorobenzene

Concen: 50.946 ng

RT: 16.72 min Scan# 2287

Delta R.T. -0.00 min

Lab File: BG035640.D

Acq: 13 Jul 2018 22:01

Instrument :

BNA_G

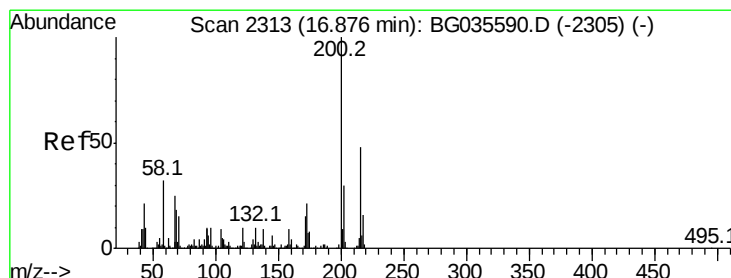
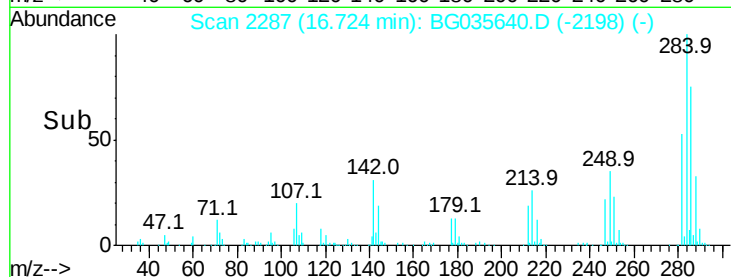
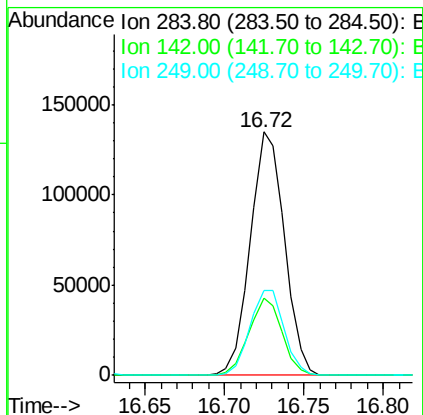
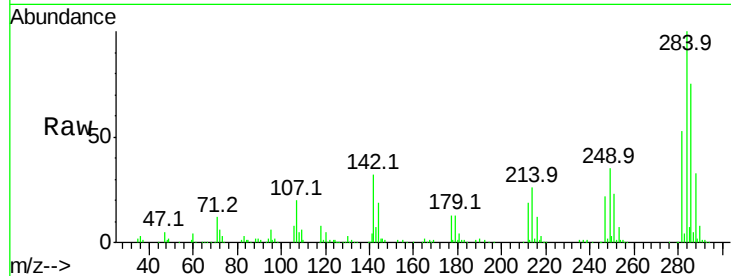
ClientSampleId :

PB111092BSD

Tot Ion:	284	Resp:	201939
Ion Ratio	Lower	Upper	
284	100		
142	31.7	26.8	40.2
249	34.9	26.3	39.5

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#68

Atrazine

Concen: 52.071 ng

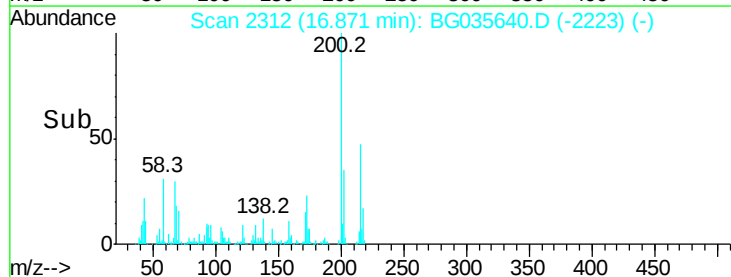
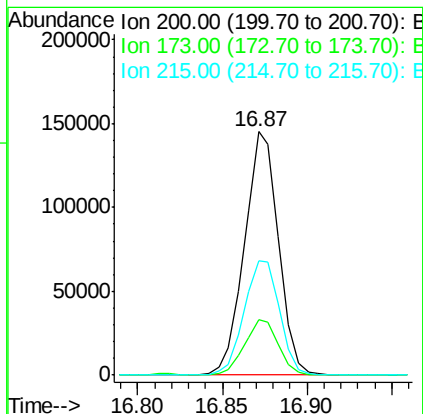
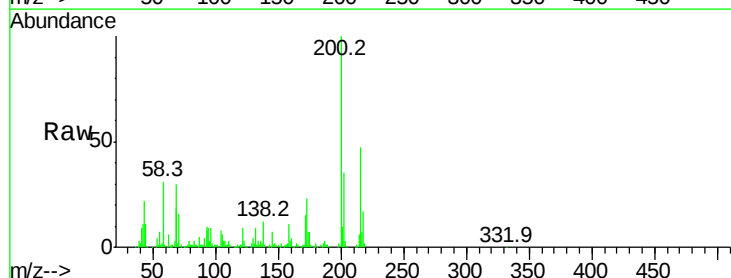
RT: 16.87 min Scan# 2312

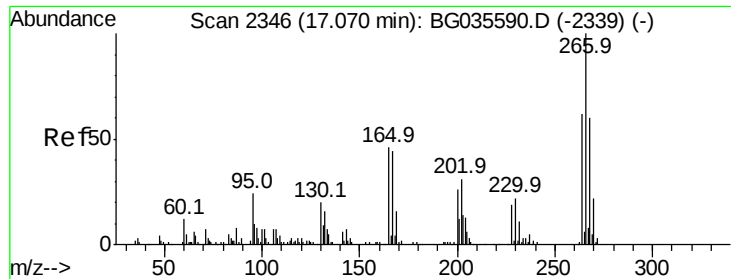
Delta R.T. -0.00 min

Lab File: BG035640.D

Acq: 13 Jul 2018 22:01

Tgt Ion:	200	Resp:	202456
Ion Ratio	Lower	Upper	
200	100		
173	22.6	5.2	45.2
215	47.2	30.4	70.4





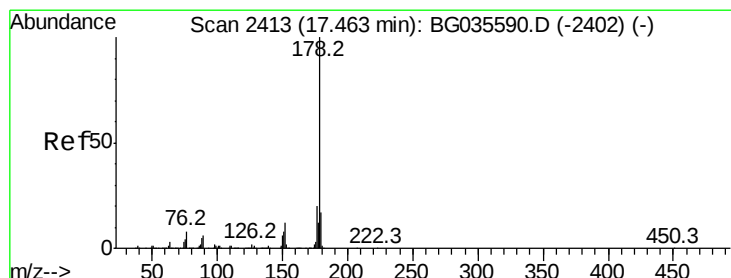
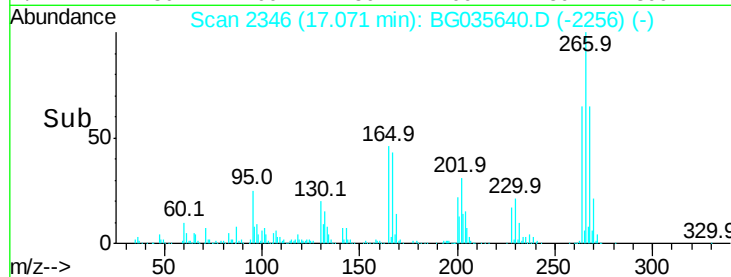
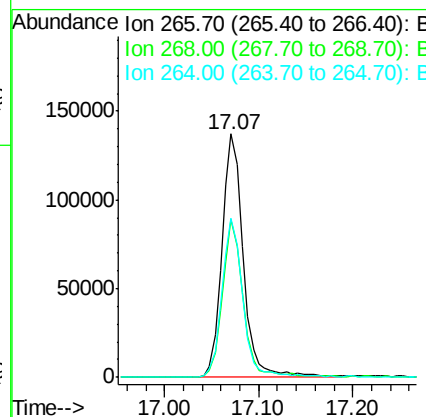
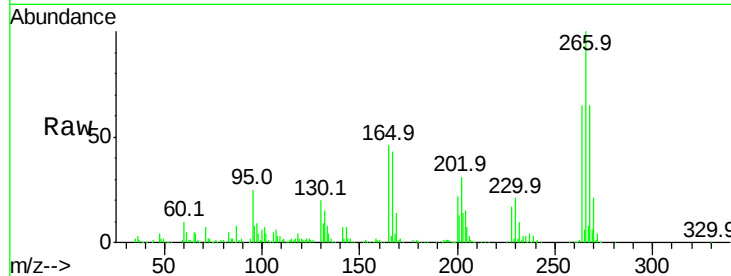
#69
 Pentachlorophenol
 Concen: 90.429 ng
 RT: 17.07 min Scan# 2346
 Delta R.T. 0.00 min
 Lab File: BG035640.D
 Acq: 13 Jul 2018 22:01

Instrument :
 BNA_G
 ClientSampleId :
 PB111092BSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	218327		
268	64.9		51.1	76.7
264	65.2		49.6	74.4

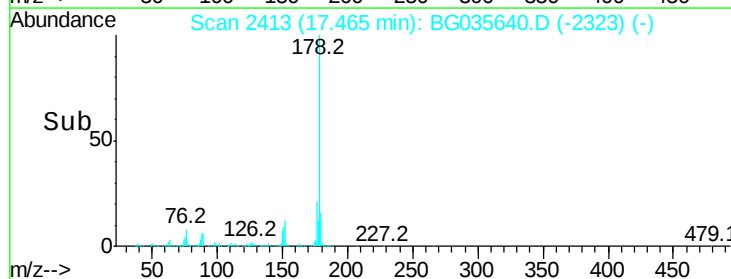
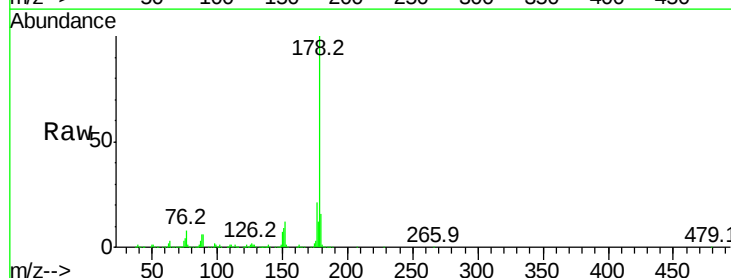
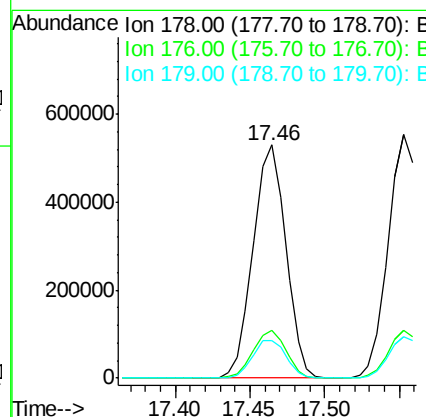
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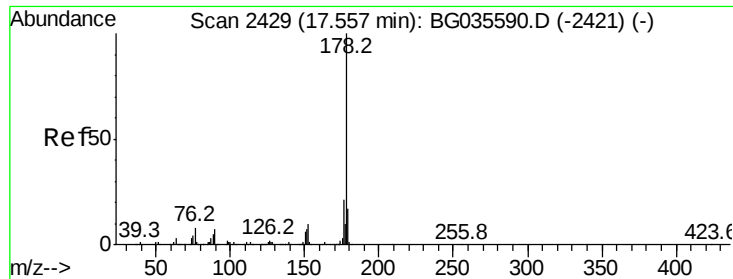
Sohil
 7/16/2018 3:24:24 PM



#70
 Phenanthrene
 Concen: 48.624 ng
 RT: 17.46 min Scan# 2413
 Delta R.T. 0.00 min
 Lab File: BG035640.D
 Acq: 13 Jul 2018 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	804946		
176	20.7		15.7	23.5
179	16.2		12.5	18.7





#71

Anthracene

Concen: 50.815 ng

RT: 17.55 min Scan# 2428

Delta R.T. -0.00 min

Lab File: BG035640.D

Acq: 13 Jul 2018 22:01

Instrument :

BNA_G

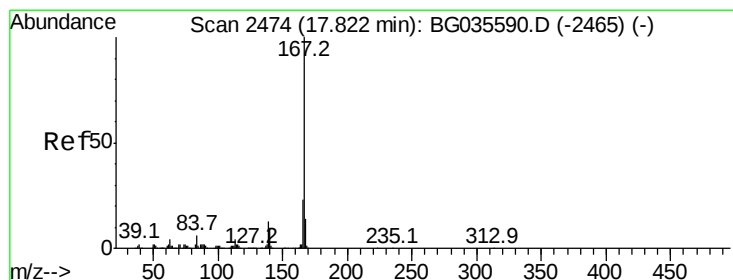
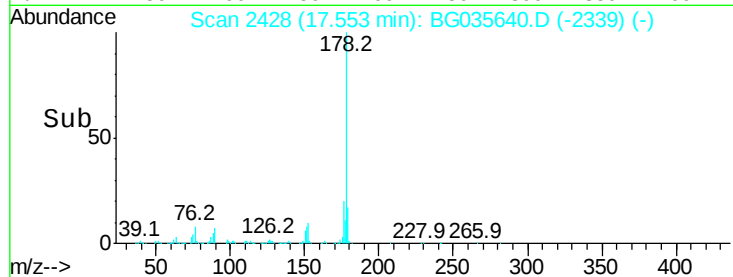
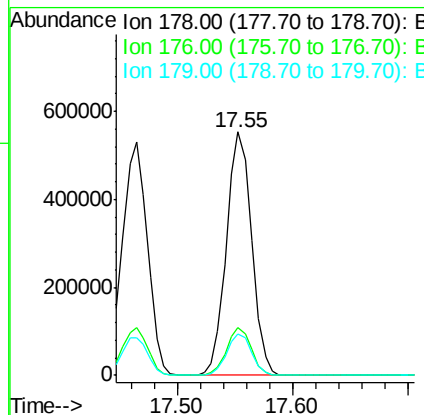
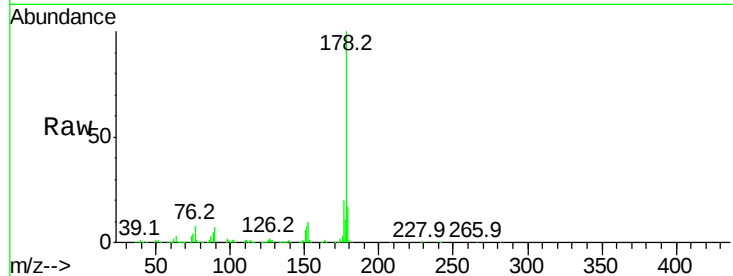
ClientSampleId :

PB111092BSD

Tot Ion:	178	Resp:	837639
Ion Ratio	Lower	Upper	
178	100		
176	19.6	16.0	24.0
179	17.3	12.5	18.7

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#72

Carbazole

Concen: 48.600 ng

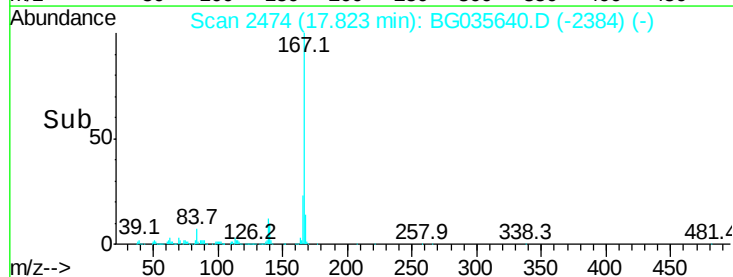
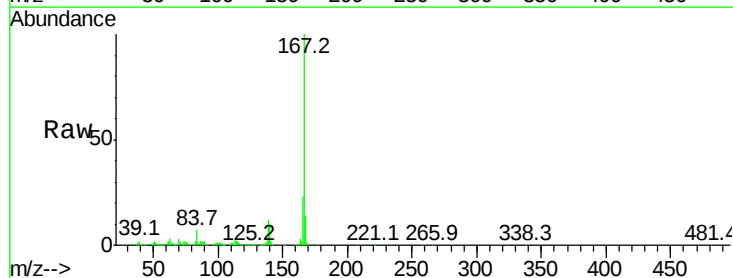
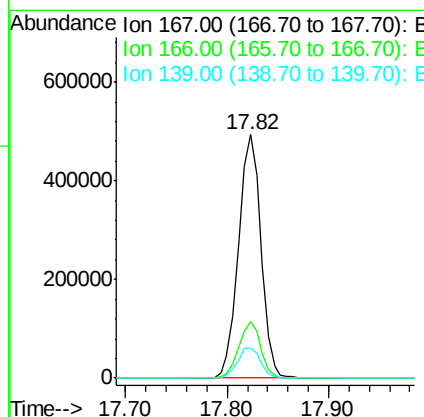
RT: 17.82 min Scan# 2474

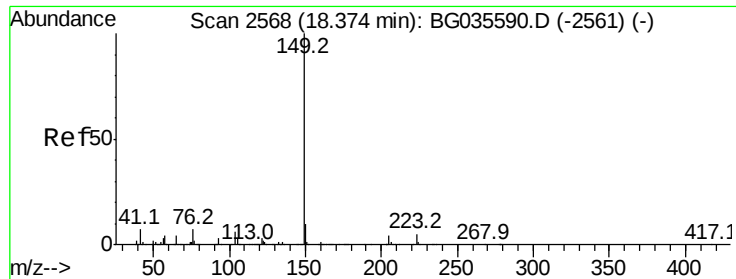
Delta R.T. 0.00 min

Lab File: BG035640.D

Acq: 13 Jul 2018 22:01

Tgt Ion:	167	Resp:	760802
Ion Ratio	Lower	Upper	
167	100		
166	23.4	18.2	27.4
139	12.2	9.4	14.2





#73

Di-n-butylphthalate

Concen: 46.582 ng

RT: 18.38 min Scan# 2568

Delta R.T. 0.00 min

Lab File: BG035640.D

Acq: 13 Jul 2018 22:01

Instrument :

BNA_G

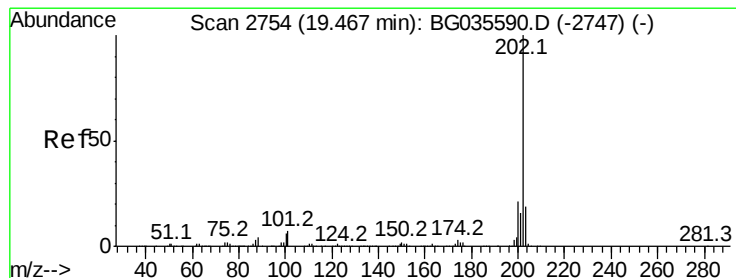
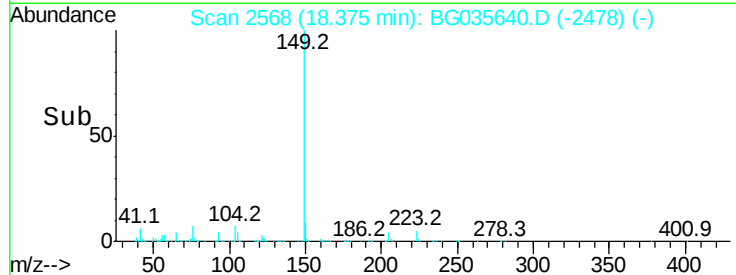
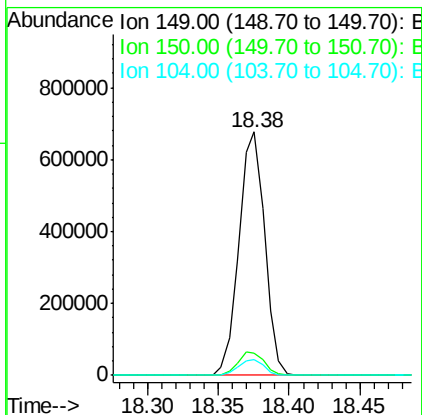
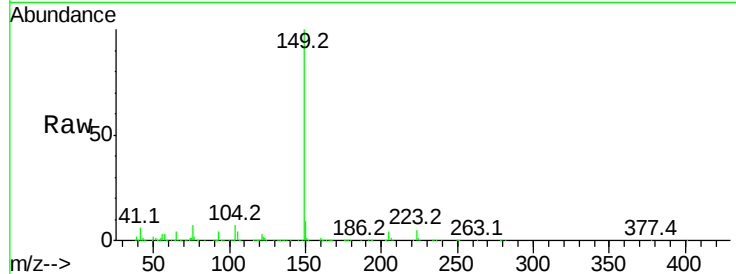
ClientSampleId :

PB111092BSD

Tot Ion:	149	Resp:	861734
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.8	11.6
104	6.6	3.9	5.9#

Manual Integrations
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#74

Fluoranthene

Concen: 47.552 ng

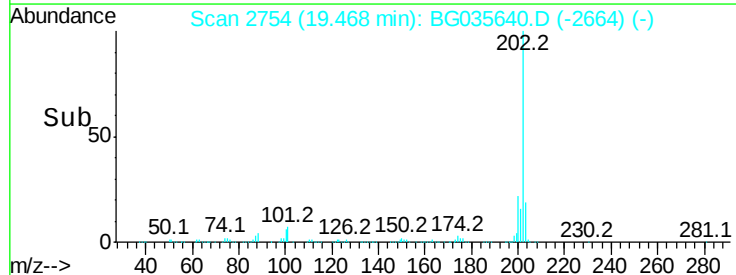
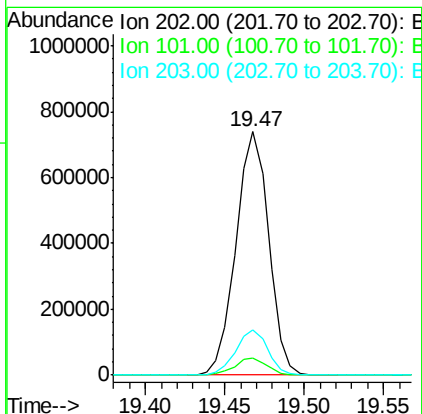
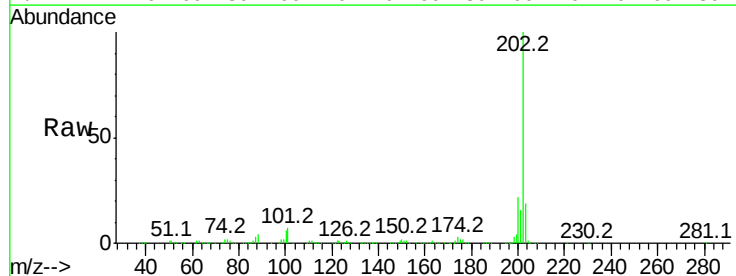
RT: 19.47 min Scan# 2754

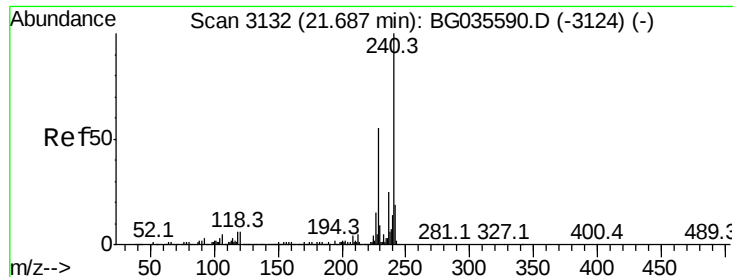
Delta R.T. 0.00 min

Lab File: BG035640.D

Acq: 13 Jul 2018 22:01

Tgt Ion:	202	Resp:	1060365
Ion Ratio	Lower	Upper	
202	100		
101	7.1	0.0	28.9
203	18.6	0.0	37.5





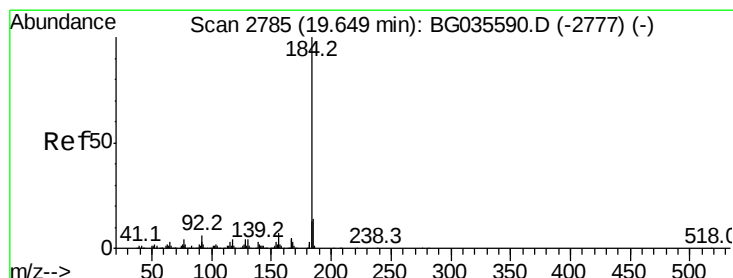
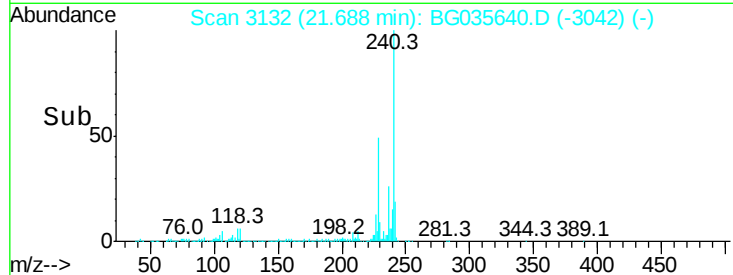
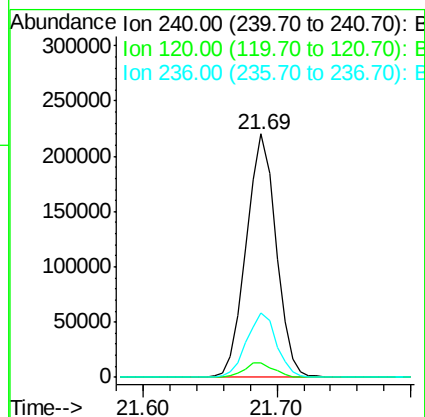
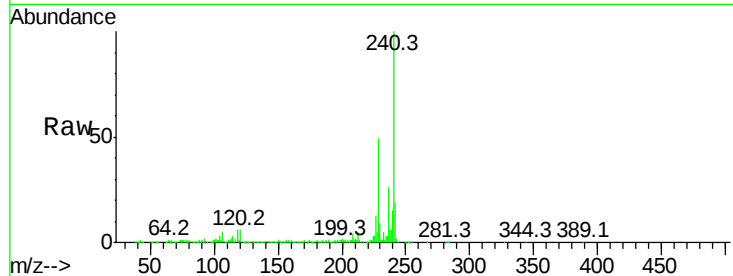
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3132
 Delta R.T. 0.00 min
 Lab File: BG035640.D
 Acq: 13 Jul 2018 22:01

Instrument :
 BNA_G
 ClientSampleId :
 PB111092BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	5.7	6.8	10.2#
236	26.5	20.9	31.3

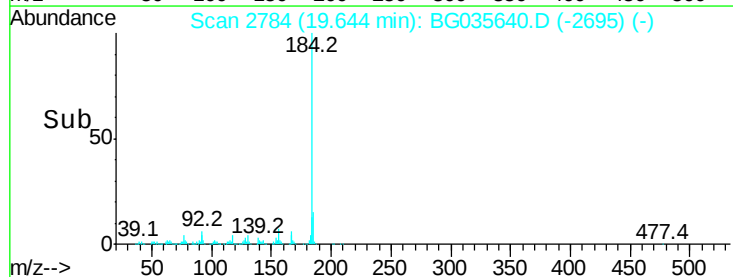
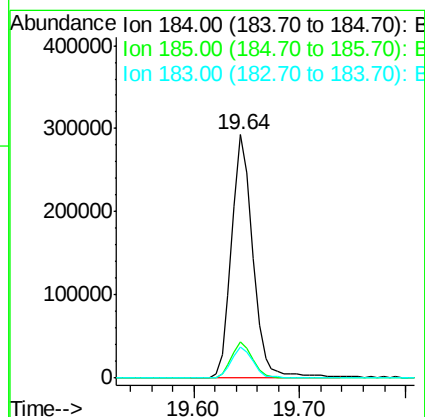
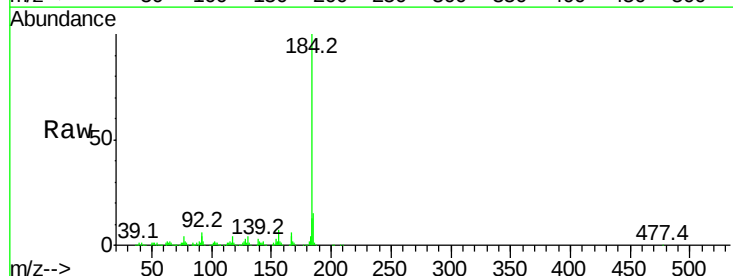
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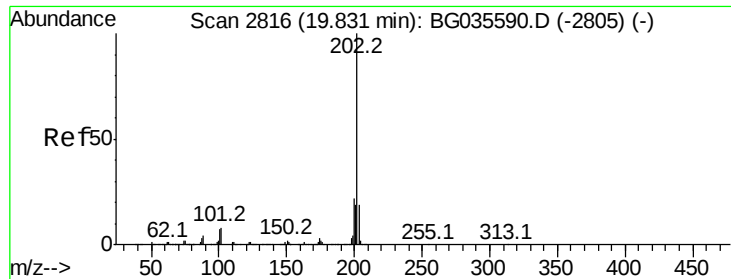
Sohil
 7/16/2018 3:24:24 PM



#76
 Benzidine
 Concen: 46.263 ng
 RT: 19.64 min Scan# 2784
 Delta R.T. -0.00 min
 Lab File: BG035640.D
 Acq: 13 Jul 2018 22:01

Tgt Ion	Ratio	Resp Lower	Resp Upper
184	100		
185	15.1	11.1	16.7
183	13.0	10.6	16.0





#77

Pvrene

Concen: 49.077 ng

RT: 19.83 min Scan# 2816

Delta R.T. 0.00 min

Lab File: BG035640.D

Acq: 13 Jul 2018 22:01

Instrument :

BNA_G

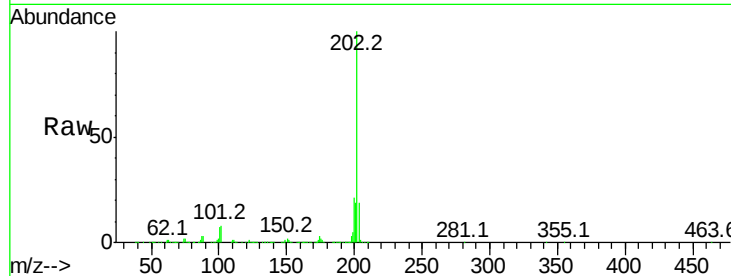
ClientSampleId :

PB111092BSD

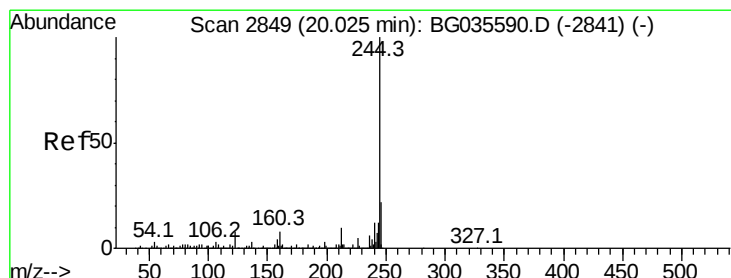
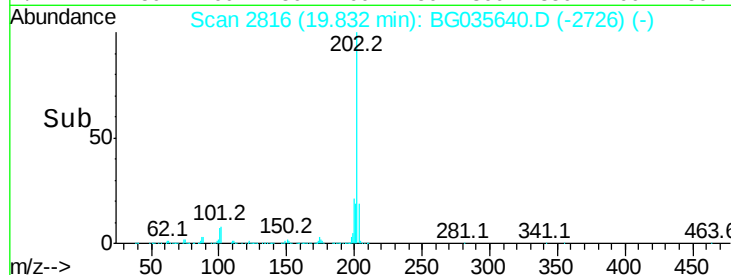
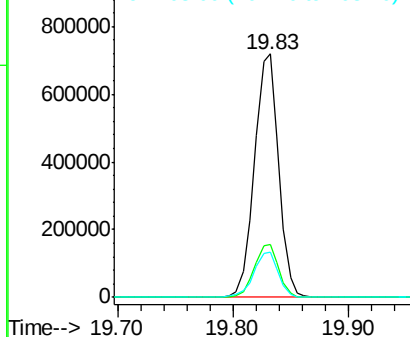
Tot Ion:	202	Resp:	1050258
Ion Ratio	Lower	Upper	
202	100		
200	21.5	16.9	25.3
203	18.6	13.9	20.9

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



#78

Terphenyl-d14

Concen: 100.964 ng

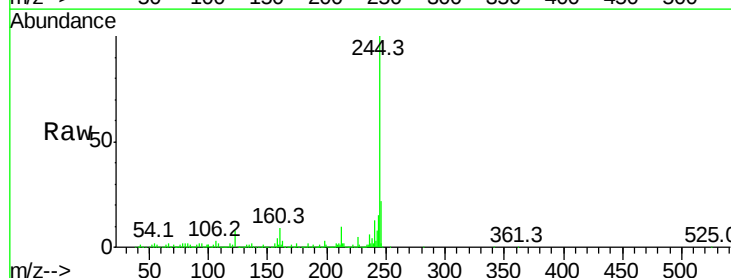
RT: 20.03 min Scan# 2849

Delta R.T. 0.00 min

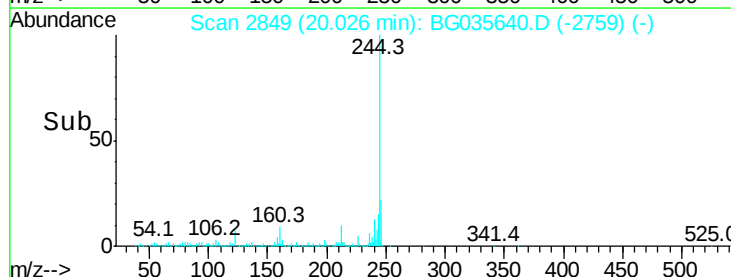
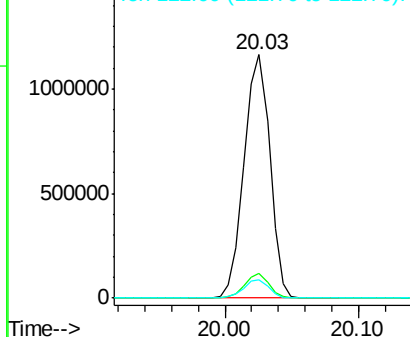
Lab File: BG035640.D

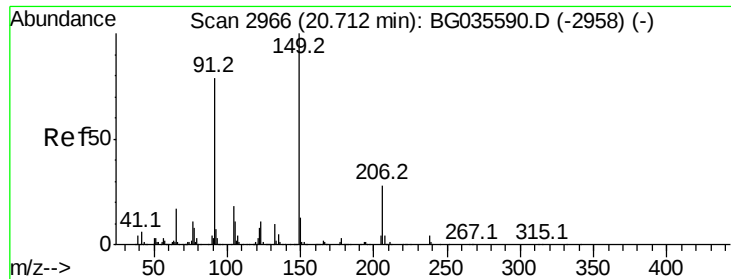
Acq: 13 Jul 2018 22:01

Tgt Ion:	244	Resp:	1550183
Ion Ratio	Lower	Upper	
244	100		
212	10.3	5.8	8.8#
122	7.6	7.0	10.4



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





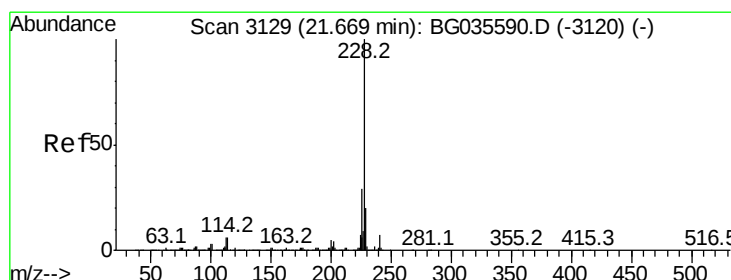
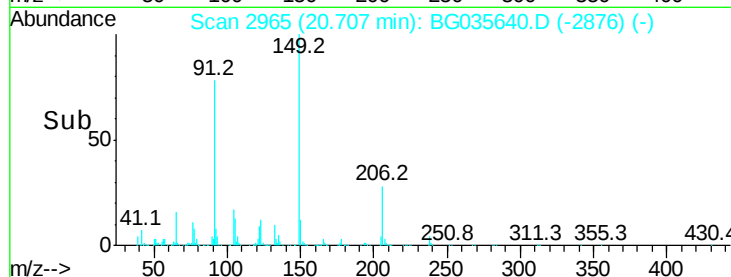
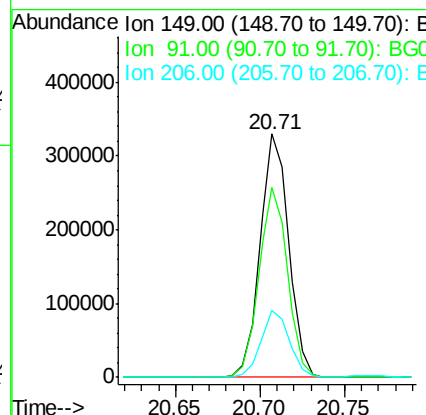
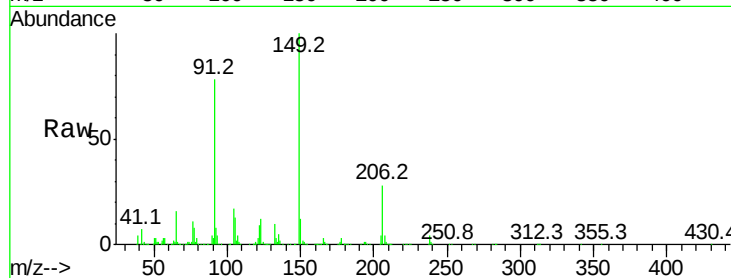
#79
Butylbenzylphthalate
Concen: 50.532 ng
RT: 20.71 min Scan# 2965
Delta R.T. -0.00 min
Lab File: BG035640.D
Acq: 13 Jul 2018 22:01

Instrument :
BNA_G
ClientSampleId :
PB111092BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
91	78.2	62.2	93.2	
206	27.7	18.6	27.8	

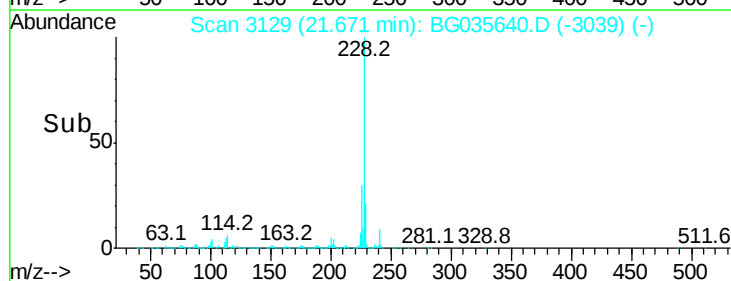
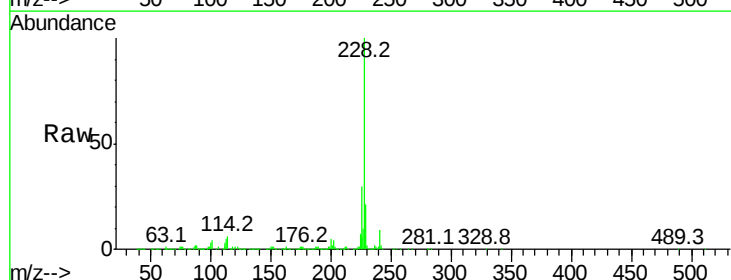
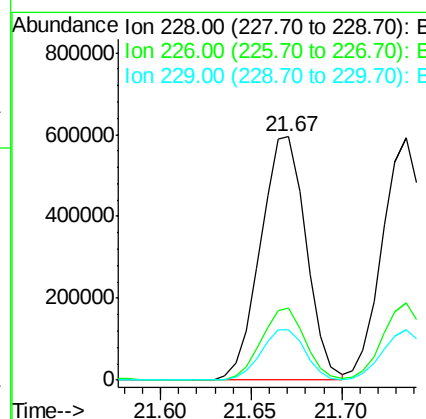
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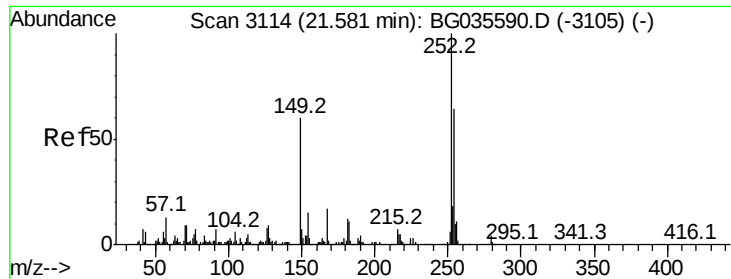
Sohil
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#80
Benzo(a)anthracene
Concen: 49.380 ng
RT: 21.67 min Scan# 3129
Delta R.T. 0.00 min
Lab File: BG035640.D
Acq: 13 Jul 2018 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	29.6	22.7	34.1	
229	20.7	16.2	24.2	





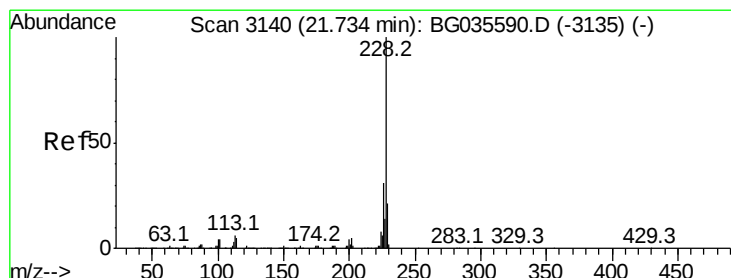
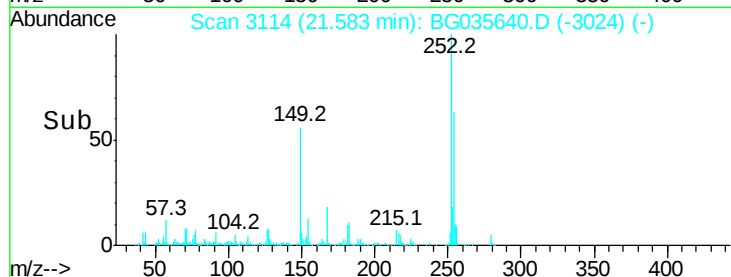
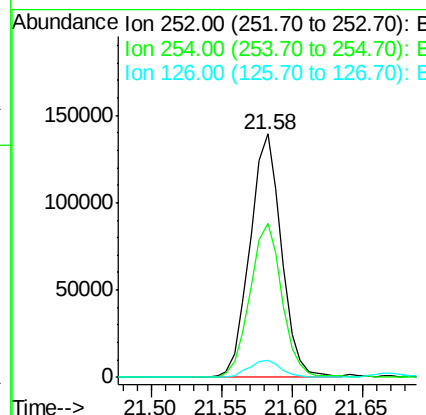
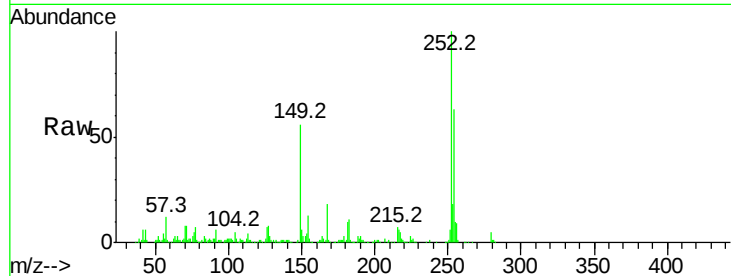
#81
 3,3'-Dichlorobenzidine
 Concen: 29.730 ng
 RT: 21.58 min Scan# 3114
 Delta R.T. 0.00 min
 Lab File: BG035640.D
 Acq: 13 Jul 2018 22:01

Instrument :
 BNA_G
 ClientSampleId :
 PB111092BSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.1	50.8	76.2
126	7.2	7.4	11.2#

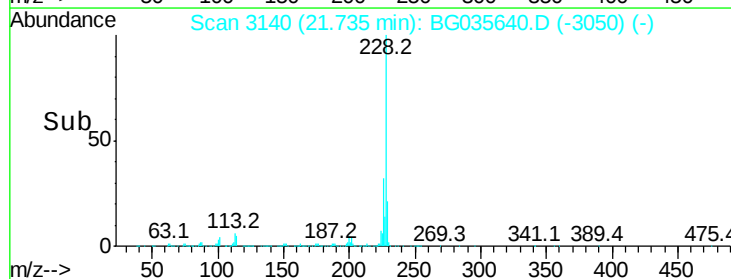
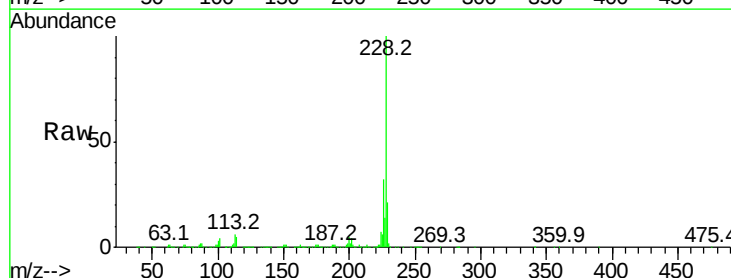
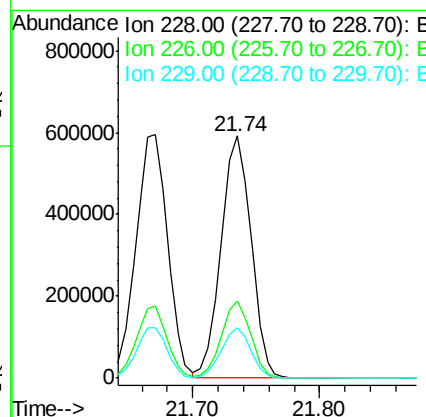
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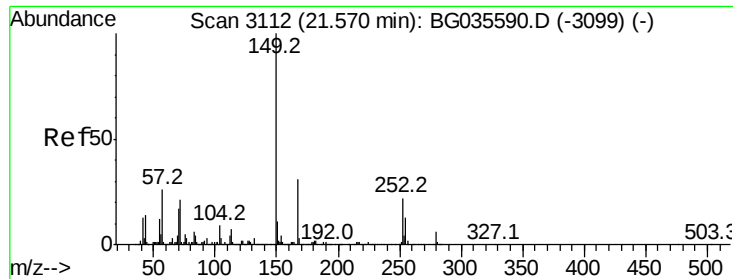
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#82
 Chrysene
 Concen: 50.014 ng
 RT: 21.74 min Scan# 3140
 Delta R.T. 0.00 min
 Lab File: BG035640.D
 Acq: 13 Jul 2018 22:01

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	32.1	24.9	37.3
229	20.7	15.0	22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 50.223 ng

RT: 21.56 min Scan# 3111

Delta R.T. -0.00 min

Lab File: BG035640.D

Acq: 13 Jul 2018 22:01

Instrument :

BNA_G

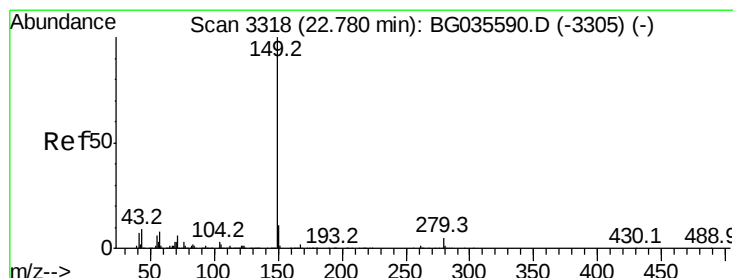
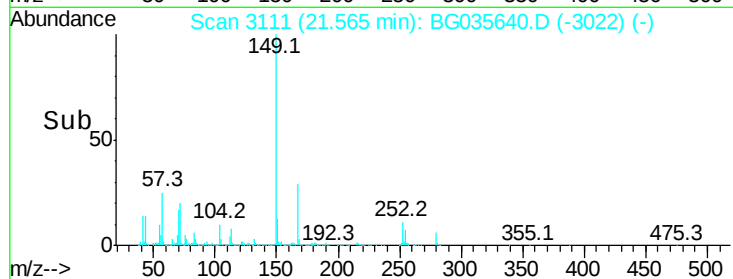
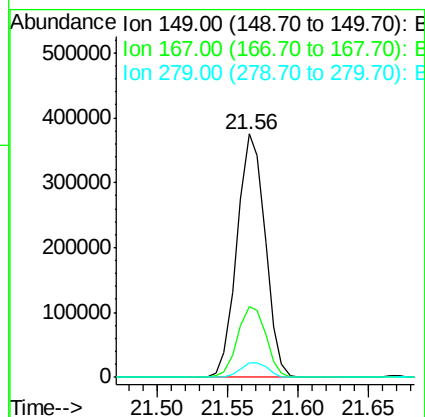
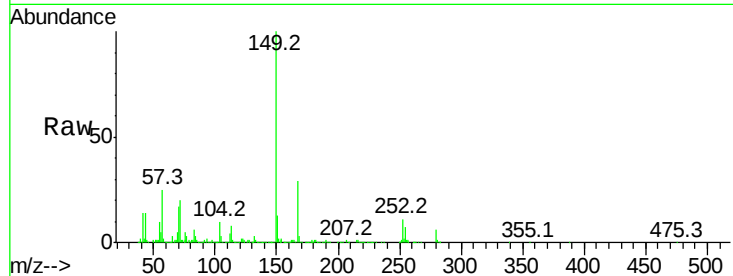
ClientSampleId :

PB111092BSD

Tot Ion:	149	Resp:	522519
Ion Ratio	Lower	Upper	
149	100		
167	29.3	24.3	36.5
279	5.8	4.0	6.0

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#84

Di-n-octyl phthalate

Concen: 50.690 ng

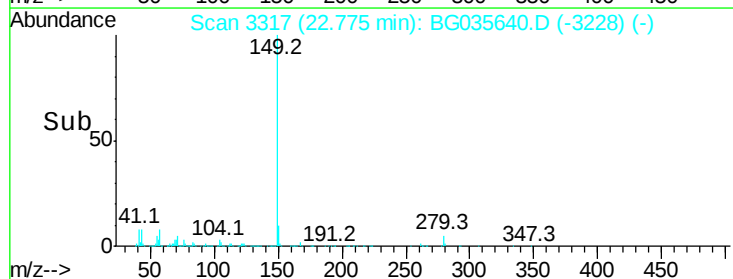
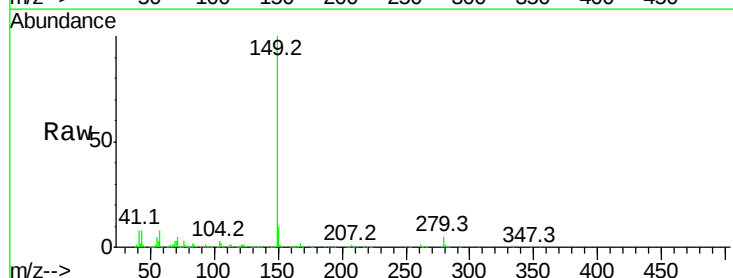
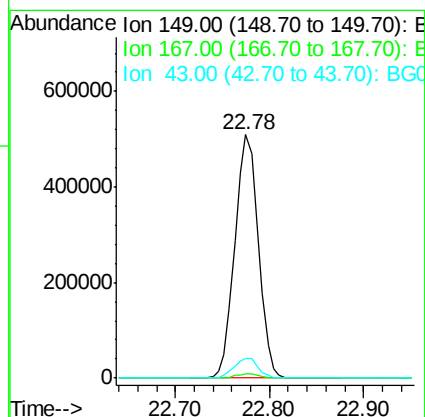
RT: 22.78 min Scan# 3317

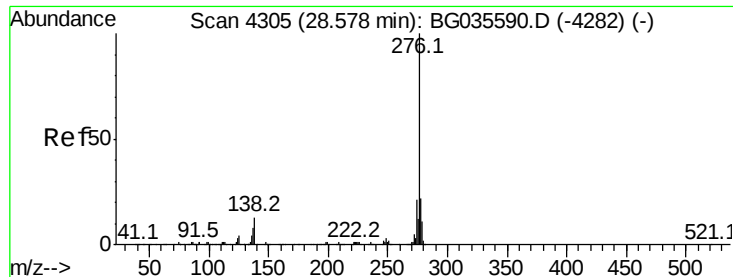
Delta R.T. -0.00 min

Lab File: BG035640.D

Acq: 13 Jul 2018 22:01

Tgt Ion:	149	Resp:	883025
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.4	2.0
43	8.5	8.9	13.3#





#85

Indeno(1,2,3-cd)pyrene

Concen: 52.185 ng

RT: 28.58 min Scan# 4306

Delta R.T. 0.01 min

Lab File: BG035640.D

Acq: 13 Jul 2018 22:01

Instrument :

BNA_G

ClientSampleId :

PB111092BSD

Tot Ion:276 Resp: 1129187

Ion Ratio Lower Upper

276 100

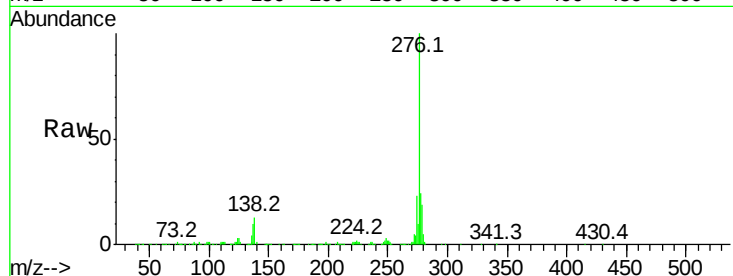
138 11.1 16.0 24.0#

277 25.5 20.0 30.0

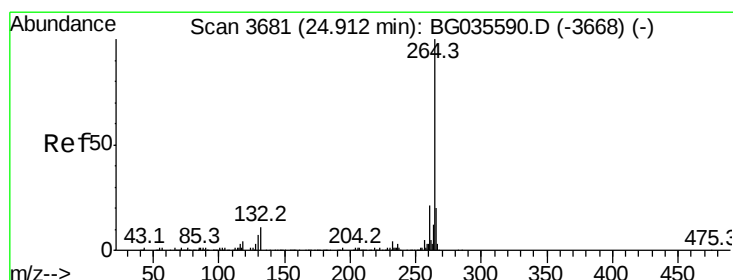
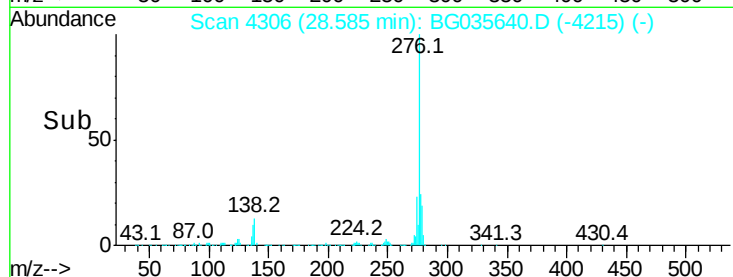
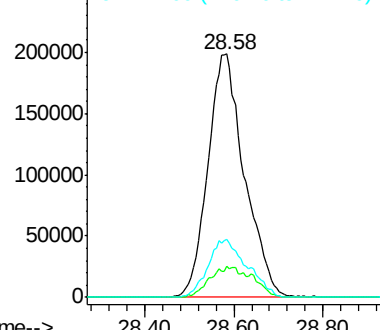
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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.91 min Scan# 3680

Delta R.T. -0.00 min

Lab File: BG035640.D

Acq: 13 Jul 2018 22:01

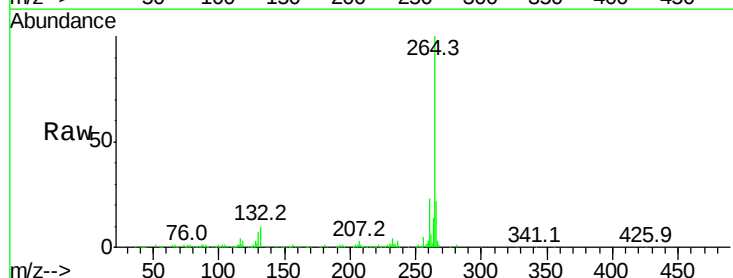
Tgt Ion:264 Resp: 332835

Ion Ratio Lower Upper

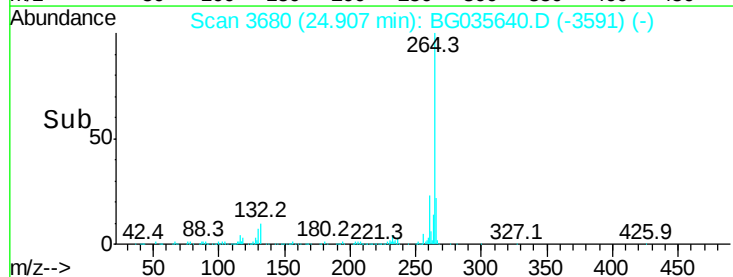
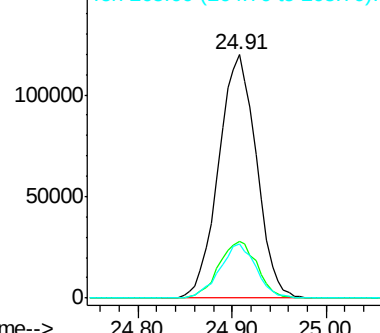
264 100

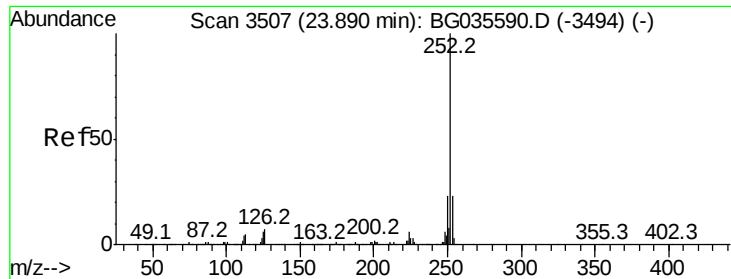
260 23.5 17.4 26.0

265 22.5 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





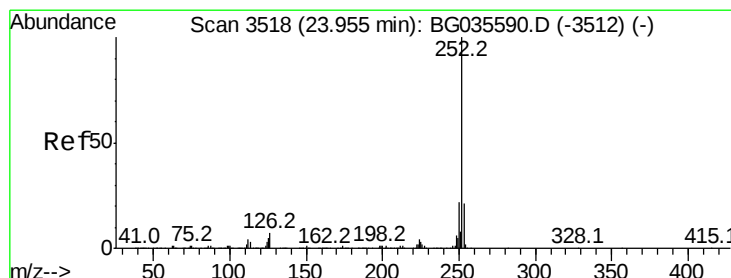
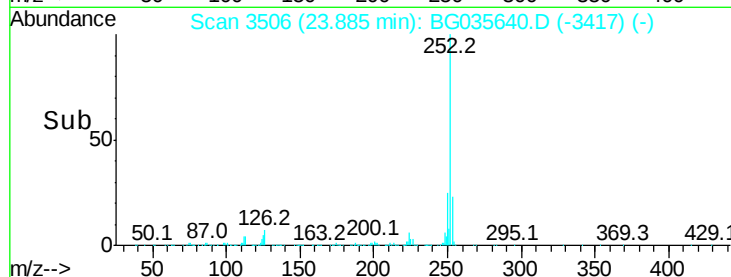
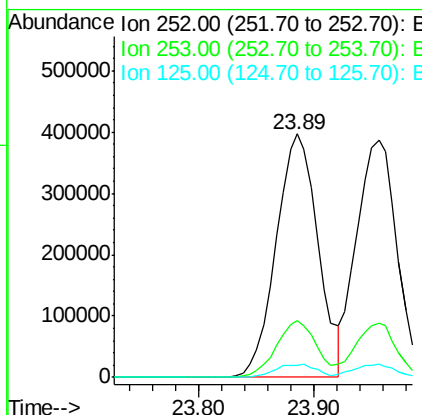
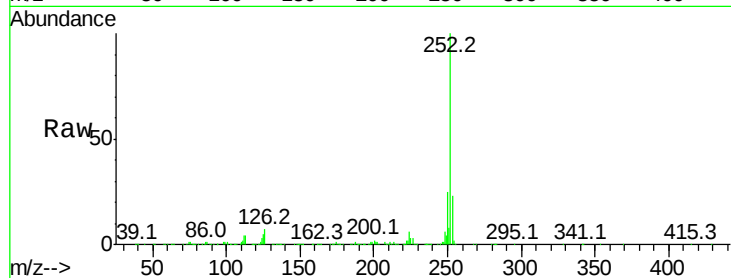
#87
Benzo(b)fluoranthene
Concen: 49.496 ng
RT: 23.89 min Scan# 3506
Delta R.T. -0.00 min
Lab File: BG035640.D
Acq: 13 Jul 2018 22:01

Instrument :
BNA_G
ClientSampleId :
PB111092BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.4
125	5.1	7.2	10.8

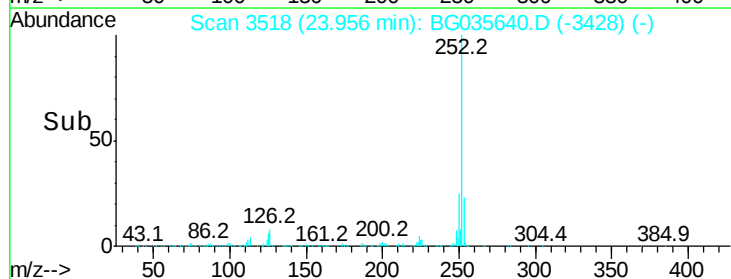
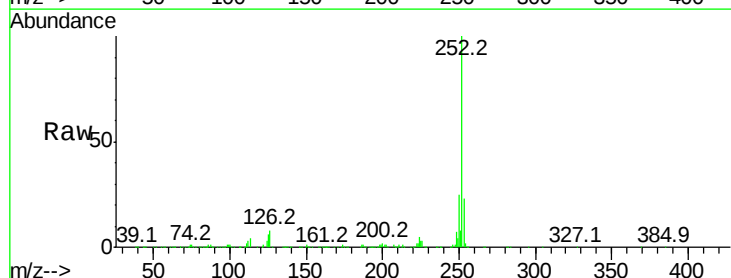
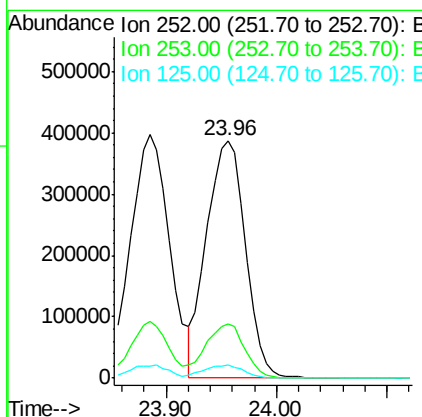
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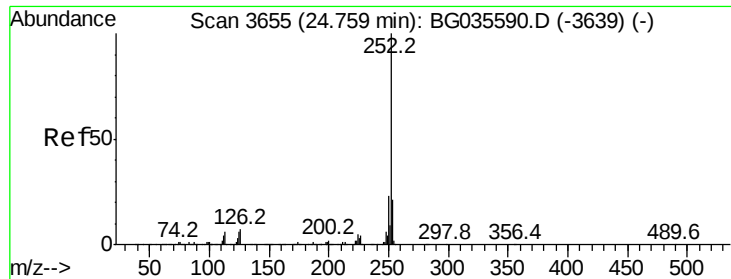
Sohil
7/16/2018 3:24:24 PM



#88
Benzo(k)fluoranthene
Concen: 47.467 ng
RT: 23.96 min Scan# 3518
Delta R.T. 0.00 min
Lab File: BG035640.D
Acq: 13 Jul 2018 22:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.2
125	5.8	6.6	9.8





#89

Benzo(a)pyrene

Concen: 50.933 ng

RT: 24.76 min Scan# 3655

Delta R.T. 0.00 min

Lab File: BG035640.D

Acq: 13 Jul 2018 22:01

Instrument :

BNA_G

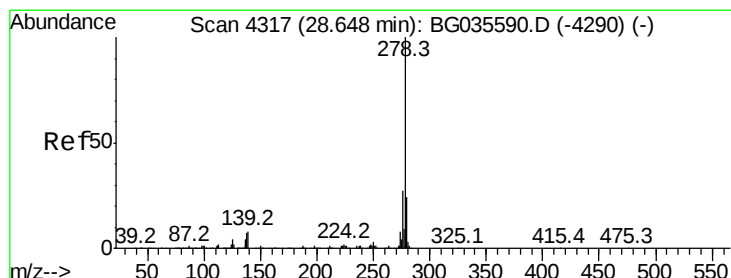
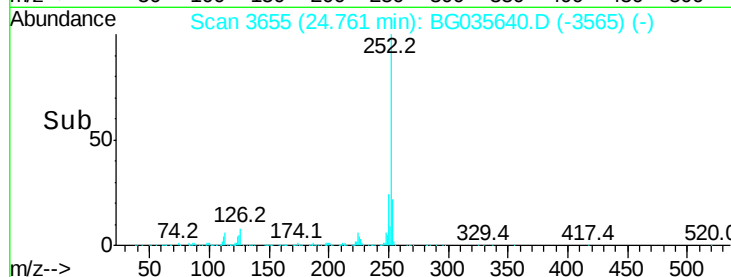
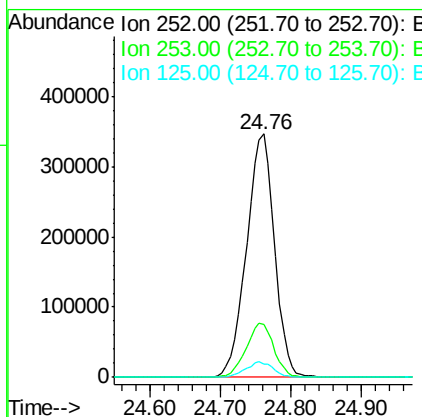
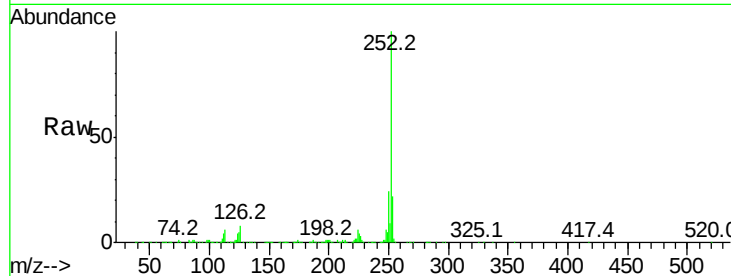
ClientSampleId :

PB111092BSD

Tot Ion:	252	Resp:	958558
Ion Ratio	Lower	Upper	
252	100		
253	21.9	18.3	27.5
125	5.3	7.3	10.9#

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#90

Dibenzo(a,h)anthracene

Concen: 49.563 ng

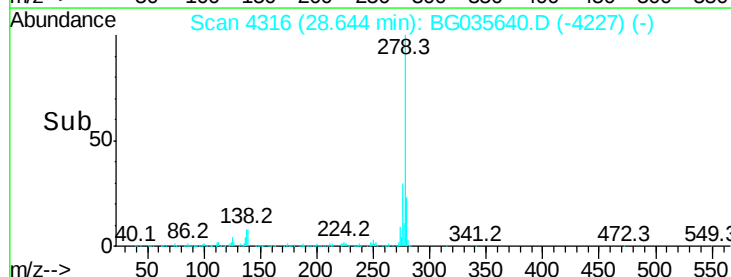
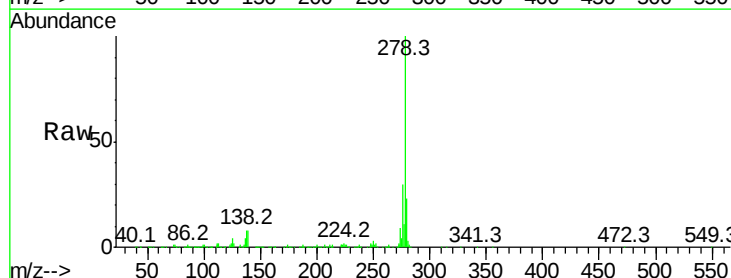
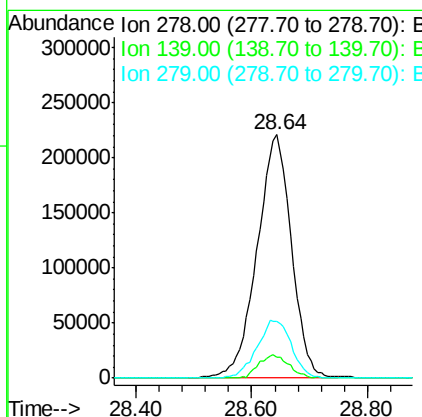
RT: 28.64 min Scan# 4316

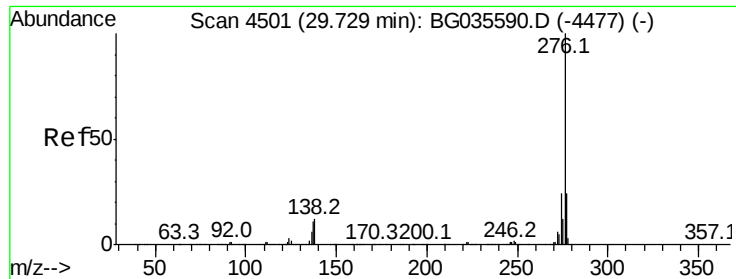
Delta R.T. -0.00 min

Lab File: BG035640.D

Acq: 13 Jul 2018 22:01

Tgt Ion:	278	Resp:	915746
Ion Ratio	Lower	Upper	
278	100		
139	8.4	9.8	14.6#
279	23.4	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 51.673 ng
 RT: 29.74 min Scan# 4502
 Delta R.T. 0.01 min
 Lab File: BG035640.D
 Acq: 13 Jul 2018 22:01

Instrument :
 BNA_G
 ClientSampleId :
 PB111092BSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.3	27.5
138	11.2	13.9	20.9

Manual Integrations
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