

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070218\
 Data File : BG035565.D
 Acq On : 3 Jul 2018 00:13
 Operator : JU/SJ
 Sample : PB110755BSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB110755BSD

Manual Integrations
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Sohil
 7/3/2018 12:12:06 PM

Quant Time: Jul 03 05:32:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	30893	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	121521	20.00	ng	-0.02
38) Acenaphthene-d10	14.69	164	93982	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	267127	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	281102	20.00	ng	-0.02
86) Perylene-d12	24.92	264	278669	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	285977	156.22	ng	0.00
7) Phenol-d6	7.23	99	430423	159.31	ng	0.00
23) Nitrobenzene-d5	9.23	82	273170	106.85	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	226325	188.12	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	674829	93.35	ng	-0.02
78) Terphenyl-d14	20.03	244	1319075	98.29	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.55	88	30454	34.868	ng	# 74
3) Pyridine	3.95	79	89265	37.879	ng	# 79
4) n-Nitrosodimethylamine	3.86	42	38788	38.313	ng	# 78
6) Aniline	7.39	93	122381	35.042	ng	98
8) 2-Chlorophenol	7.63	128	96476	50.279	ng	99
9) Benzaldehyde	7.20	77	52987	25.461	ng	97
10) Phenol	7.25	94	147206	52.648	ng	95
11) bis(2-Chloroethyl)ether	7.48	93	94008	43.317	ng	86
12) 1,3-Dichlorobenzene	7.95	146	103428	45.176	ng	95
13) 1,4-Dichlorobenzene	8.10	146	105602	44.682	ng	94
14) 1,2-Dichlorobenzene	8.42	146	97740	44.028	ng	95
15) Benzyl Alcohol	8.30	79	115247	45.016	ng	89
16) 2,2'-oxybis(1-Chloropropan	8.59	45	100435	46.497	ng	75
17) 2-Methylphenol	8.51	107	97404	52.838	ng	# 93
18) Hexachloroethane	9.15	117	36818	43.514	ng	87
19) n-Nitroso-di-n-propylamine	8.86	70	90297	39.338	ng	# 85
20) 3+4-Methylphenols	8.83	107	134629	50.951	ng	93
22) Acetophenone	8.89	105	165666	44.009	ng	# 91
24) Nitrobenzene	9.27	77	133346	50.937	ng	# 94
25) Isophorone	9.79	82	263742	48.863	ng	99
26) 2-Nitrophenol	9.98	139	53830	59.655	ng	# 79
27) 2,4-Dimethylphenol	10.04	122	105407	55.574	ng	94
28) bis(2-Chloroethoxy)methane	10.27	93	135944	46.868	ng	97
29) 2,4-Dichlorophenol	10.51	162	117770	57.065	ng	93
30) 1,2,4-Trichlorobenzene	10.73	180	122317	49.427	ng	97
31) Naphthalene	10.92	128	297817	47.176	ng	99
32) Benzoic acid	10.16	122	39527	31.113	ng	# 84
33) 4-Chloroaniline	11.03	127	74063	27.019	ng	# 93
34) Hexachlorobutadiene	11.20	225	90855	47.207	ng	97
35) Caprolactam	11.79	113	44684m	58.585	ng	
36) 4-Chloro-3-methylphenol	12.14	107	147562	57.359	ng	97
37) 2-Methylnaphthalene	12.52	142	248416	51.903	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	173037	49.430	ng	99
40) Hexachlorocyclopentadiene	12.86	237	210989	96.113	ng	92

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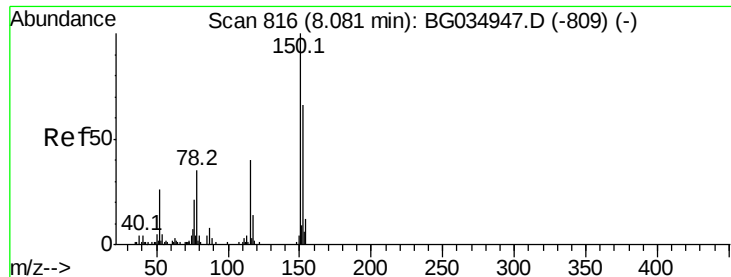
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	117522	56.067	ng	94
43) 2,4,5-Trichlorophenol	13.19	196	128049	55.658	ng	98
45) 1,1'-Biphenyl	13.52	154	345701	45.745	ng	98
46) 2-Chloronaphthalene	13.56	162	277182	48.513	ng	99
47) 2-Nitroaniline	13.76	65	97105	57.554	ng	94
48) Acenaphthylene	14.41	152	473938	49.469	ng	97
49) Dimethylphthalate	14.14	163	394633	48.152	ng	# 99
50) 2,6-Dinitrotoluene	14.26	165	90073	60.244	ng	# 89
51) Acenaphthene	14.75	154	279471	44.646	ng	97
52) 3-Nitroaniline	14.59	138	60790	41.435	ng	# 94
53) 2,4-Dinitrophenol	14.79	184	37101	61.315	ng	# 62
54) Dibenzofuran	15.08	168	461229	49.197	ng	93
55) 4-Nitrophenol	14.90	139	132460	106.978	ng	# 85
56) 2,4-Dinitrotoluene	15.04	165	129909	65.408	ng	# 84
57) Fluorene	15.73	166	396153	50.562	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.31	232	138756	62.084	ng	# 89
59) Diethylphthalate	15.50	149	402241	48.106	ng	99
60) 4-Chlorophenyl-phenylether	15.72	204	220653	49.388	ng	97
61) 4-Nitroaniline	15.75	138	92516	58.800	ng	# 85
62) Azobenzene	16.01	77	394186	48.108	ng	95
64) 4,6-Dinitro-2-methylphenol	15.81	198	48077	39.420	ng	81
65) n-Nitrosodiphenylamine	15.94	169	359171	44.773	ng	97
66) 4-Bromophenyl-phenylether	16.61	248	161680	50.260	ng	96
67) Hexachlorobenzene	16.74	284	165884	50.664	ng	95
68) Atrazine	16.88	200	165973	48.516	ng	95
69) Pentachlorophenol	17.08	266	156474	71.070	ng	99
70) Phenanthrene	17.47	178	653997	48.196	ng	98
71) Anthracene	17.56	178	667714	49.124	ng	99
72) Carbazole	17.83	167	600025	47.577	ng	99
73) Di-n-butylphthalate	18.38	149	677086	45.044	ng	# 98
74) Fluoranthene	19.47	202	851262	48.210	ng	96
76) Benzidine	19.65	184	363841	34.791	ng	99
77) Pyrene	19.84	202	859696	46.391	ng	99
79) Butylbenzylphthalate	20.71	149	301666	44.830	ng	# 98
80) Benzo(a)anthracene	21.68	228	856657	47.690	ng	100
81) 3,3'-Dichlorobenzidine	21.59	252	210067	31.083	ng	# 93
82) Chrysene	21.74	228	802097	48.769	ng	98
83) Bis(2-ethylhexyl)phthalate	21.58	149	410564	43.180	ng	# 97
84) Di-n-octyl phthalate	22.79	149	696980	42.727	ng	# 92
85) Indeno(1,2,3-cd)pyrene	28.59	276	934923	48.536	ng	# 92
87) Benzo(b)fluoranthene	23.90	252	837876	48.824	ng	# 96
88) Benzo(k)fluoranthene	23.96	252	777736	46.329	ng	# 97
89) Benzo(a)pyrene	24.77	252	797616	49.394	ng	# 97
90) Dibenzo(a,h)anthracene	28.65	278	763776	47.913	ng	# 96
91) Benzo(g,h,i)perylene	29.75	276	779255	49.951	ng	# 94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.06 min Scan# 813

Delta R.T. -0.01 min

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BNA_G

ClientSampleId :

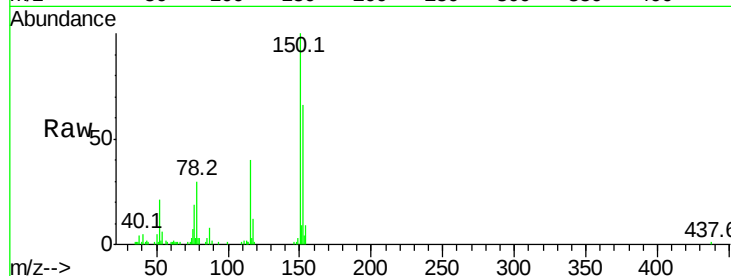
PB110755BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.8	126.6	189.8
115	61.0	53.0	79.4

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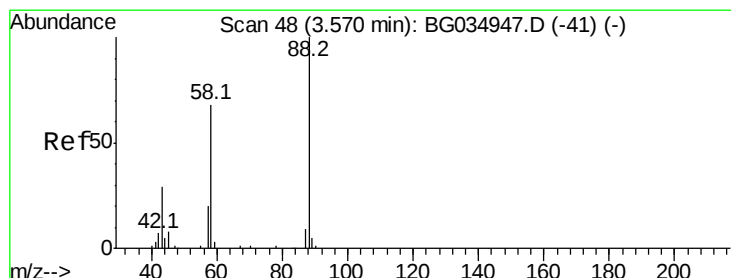
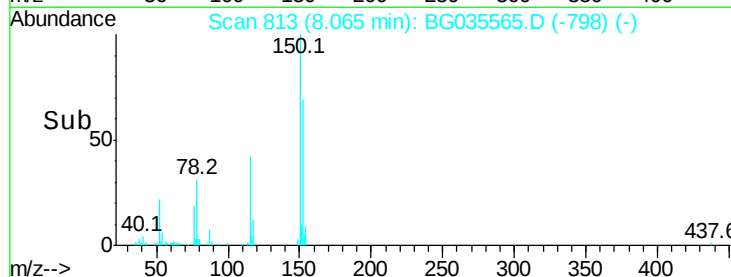
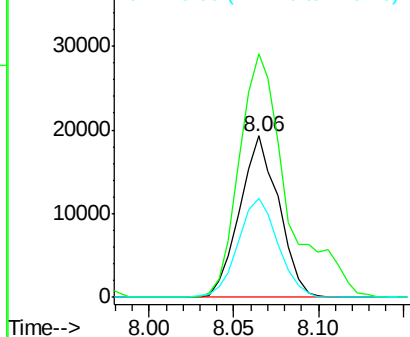


Abundance

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: 34.868 ng

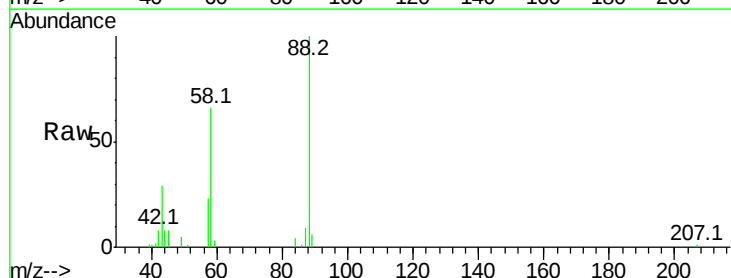
RT: 3.55 min Scan# 45

Delta R.T. -0.01 min

Lab File: BG035565.D

Acq: 3 Jul 2018 00:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.7	79.6	119.4#
43	31.0	27.4	41.0

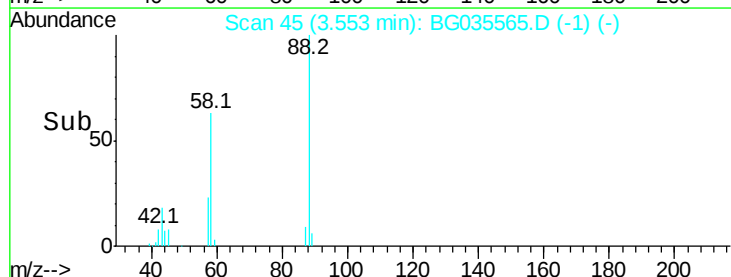
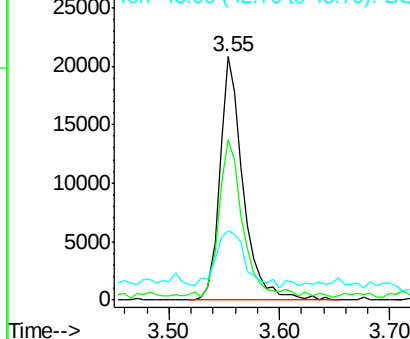


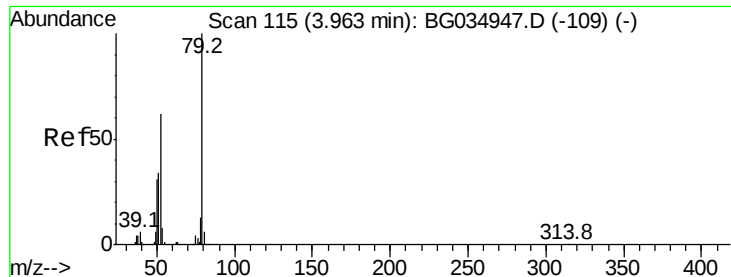
Abundance

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: 37.879 ng

RT: 3.95 min Scan# 112

Delta R.T. -0.01 min

Lab File: BG035565.D

Acq: 3 Jul 2018 00:13

Instrument :

BNA_G

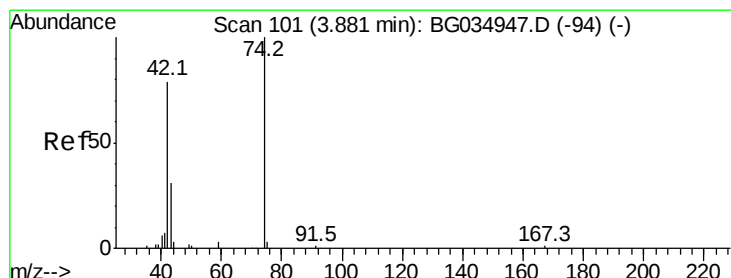
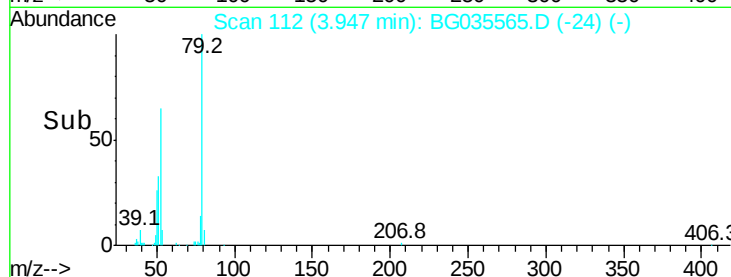
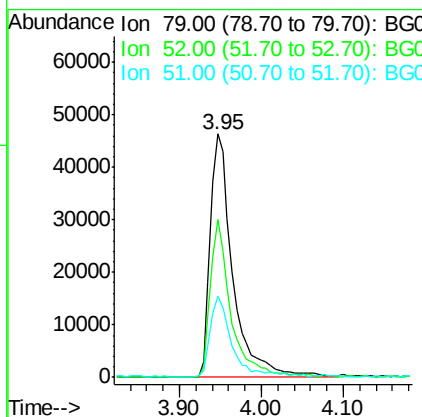
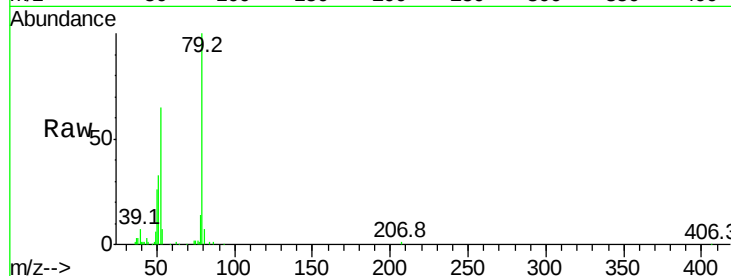
ClientSampleId :

PB110755BSD

Tot Ion:	79	Resp:	89265
Ion Ratio	Lower	Upper	
79	100		
52	65.1	69.9	104.9#
51	33.4	34.0	51.0#

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#4

n-Nitrosodimethylamine

Concen: 38.313 ng

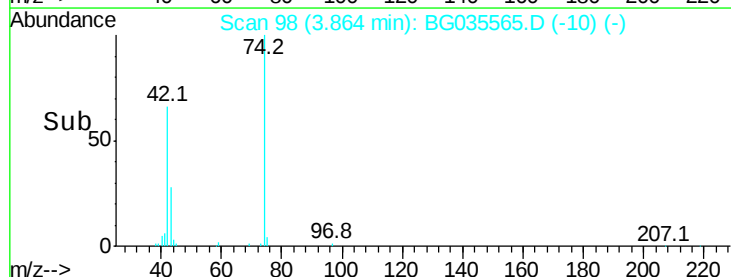
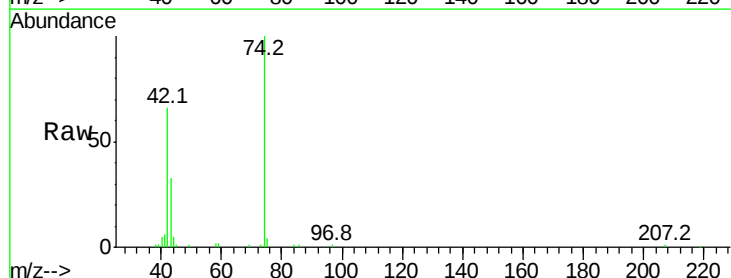
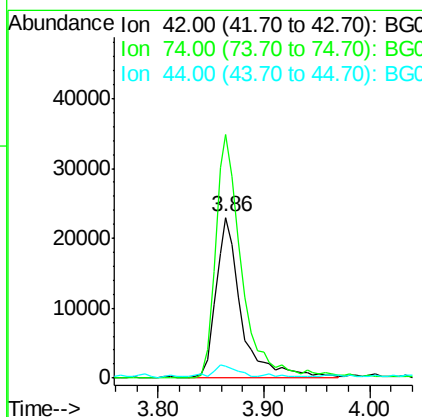
RT: 3.86 min Scan# 98

Delta R.T. -0.01 min

Lab File: BG035565.D

Acq: 3 Jul 2018 00:13

Tgt Ion:	42	Resp:	38788
Ion Ratio	Lower	Upper	
42	100		
74	151.3	102.5	153.7
44	7.6	18.9	28.3#





#5

2-Fluorophenol

Concen: 156.222 ng

RT: 5.64 min Scan# 401

Delta R.T. 0.00 min

Lab File: BG035565.D

Acq: 3 Jul 2018 00:13

Instrument :

BNA_G

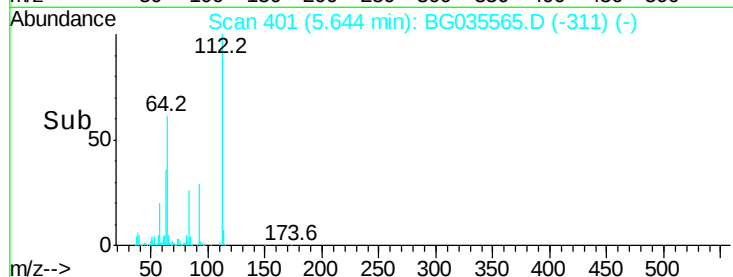
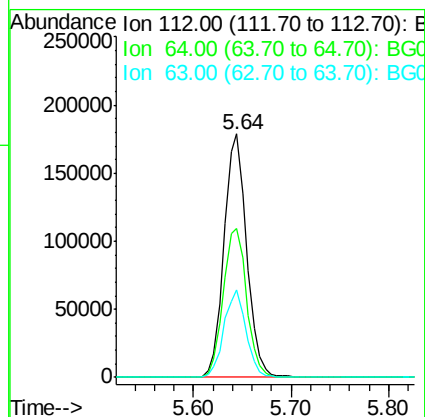
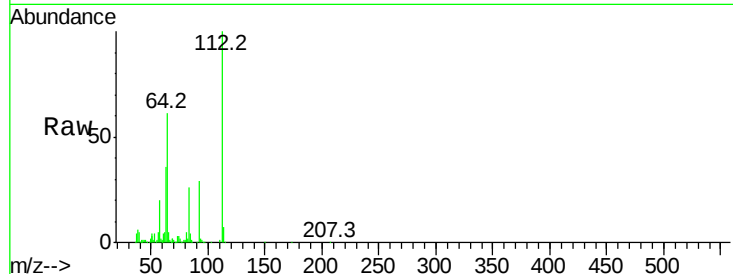
ClientSampleId :

PB110755BSD

Tot Ion:	112	Resp:	285977
Ion Ratio	Lower	Upper	
112	100		
64	61.4	56.3	84.5
63	35.7	30.1	45.1

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#6

Aniline

Concen: 35.042 ng

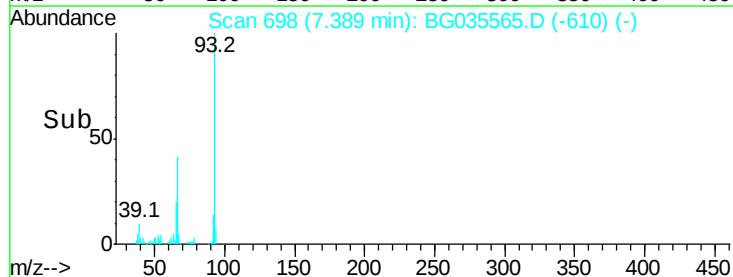
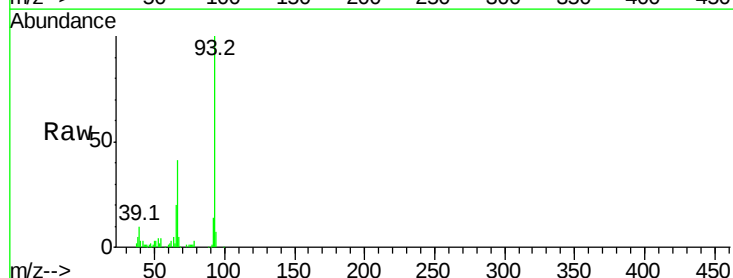
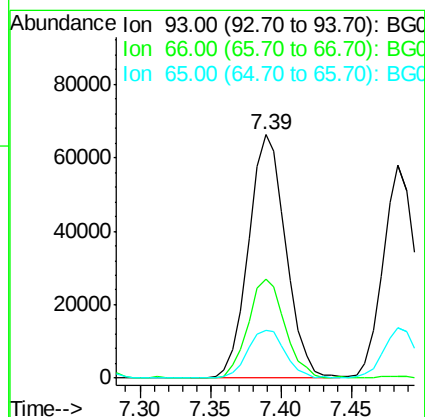
RT: 7.39 min Scan# 698

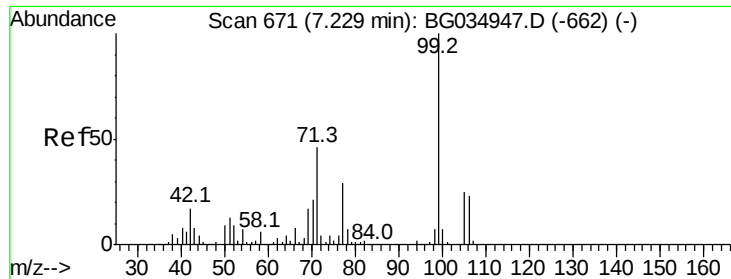
Delta R.T. -0.01 min

Lab File: BG035565.D

Acq: 3 Jul 2018 00:13

Tgt Ion:	93	Resp:	122381
Ion Ratio	Lower	Upper	
93	100		
66	40.6	33.7	50.5
65	19.5	16.1	24.1





#7

Phenol-d6

Concen: 159.308 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.01 min

Lab File: BG035565.D

Acq: 3 Jul 2018 00:13

Instrument :

BNA_G

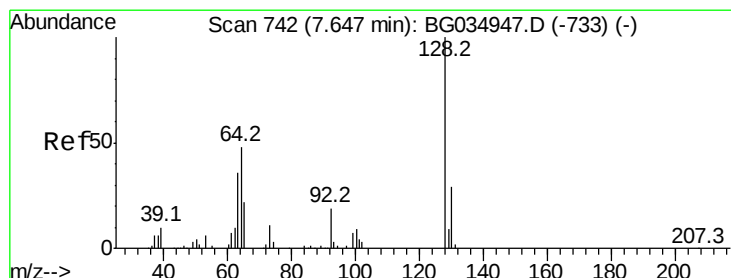
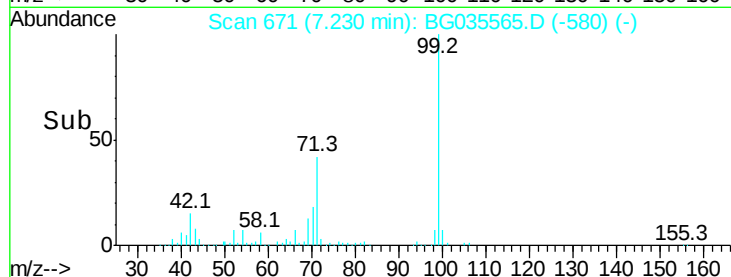
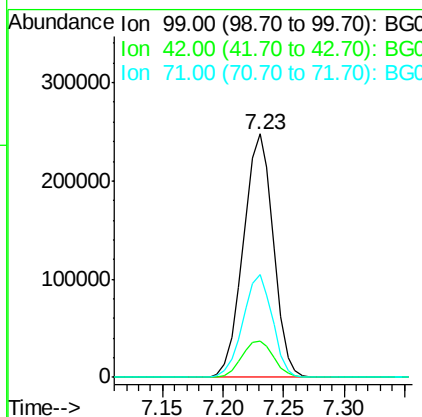
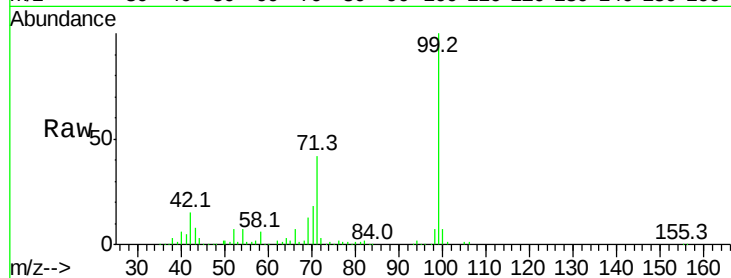
ClientSampleId :

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Tot Ion:	99	Resp:	430423
Ion Ratio	Lower	Upper	
99	100		
42	15.0	14.1	21.1
71	42.2	26.1	39.1#

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#8

2-Chlorophenol

Concen: 50.279 ng

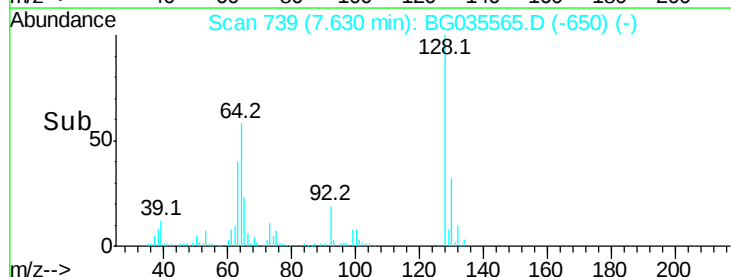
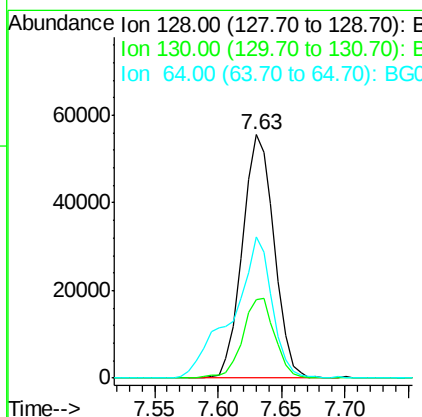
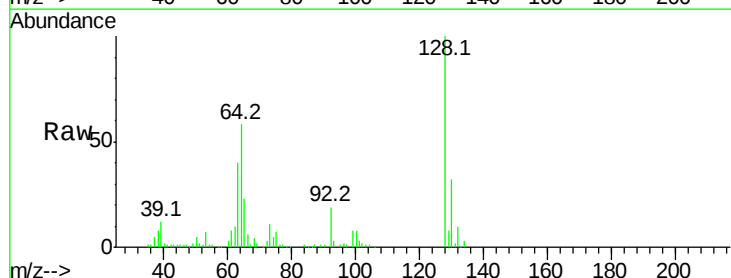
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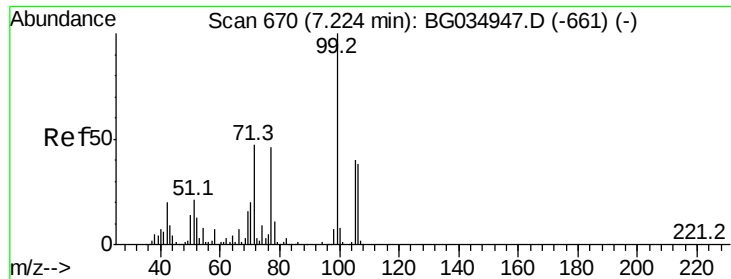
Delta R.T. -0.01 min

Lab File: BG035565.D

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Tgt Ion:	128	Resp:	96476
Ion Ratio	Lower	Upper	
128	100		
130	32.5	14.0	54.0
64	58.1	37.7	77.7





#9

Benzaldehyde

Concen: 25.461 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG035565.D

Acq: 3 Jul 2018 00:13

Instrument :

BNA_G

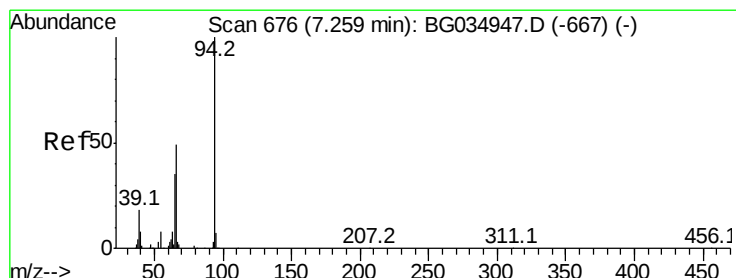
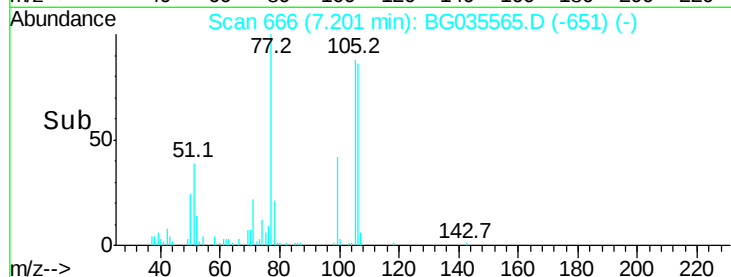
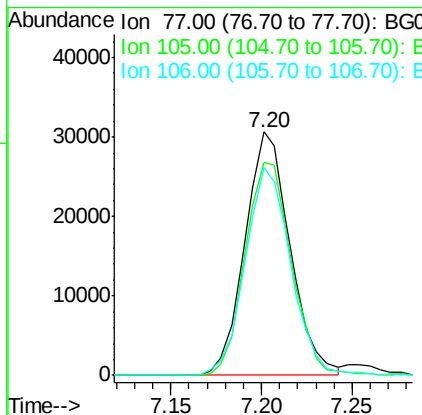
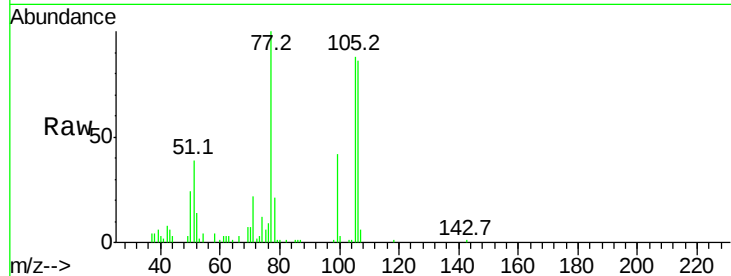
ClientSampleId :

PB110755BSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	87.7	71.3	111.3
106	85.5	64.2	104.2

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#10

Phenol

Concen: 52.648 ng

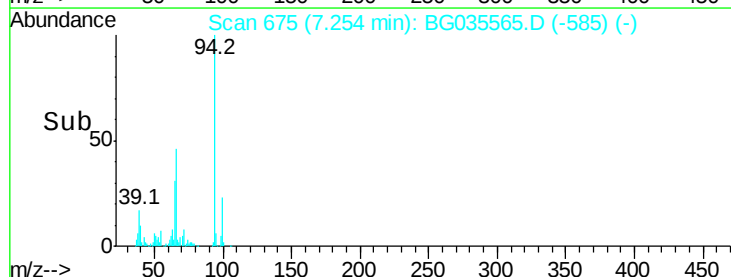
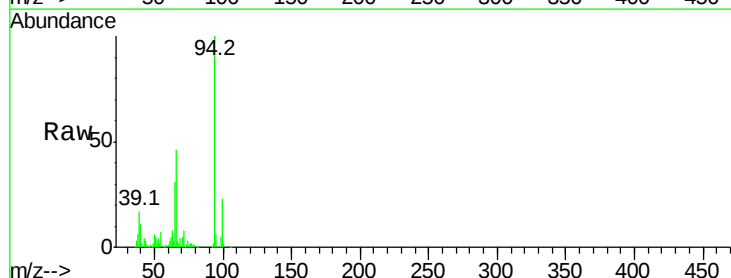
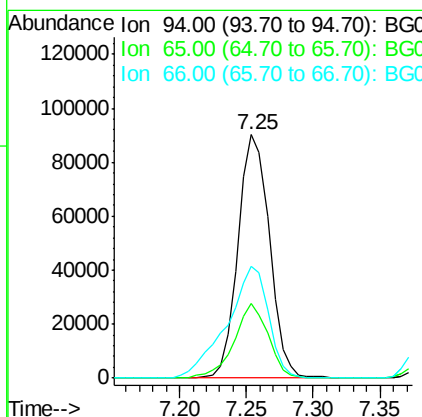
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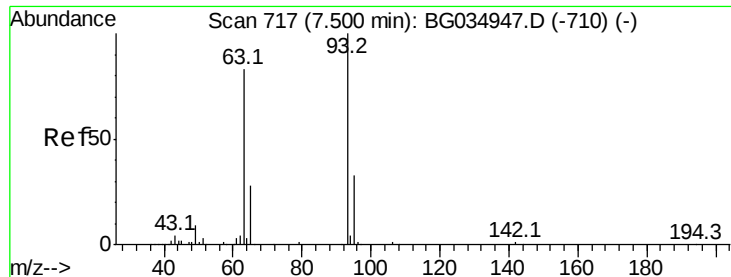
Delta R.T. 0.00 min

Lab File: BG035565.D

Acq: 3 Jul 2018 00:13

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.6	11.9	51.9
66	46.1	22.2	62.2





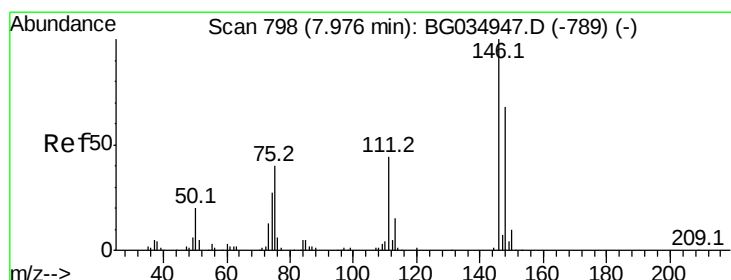
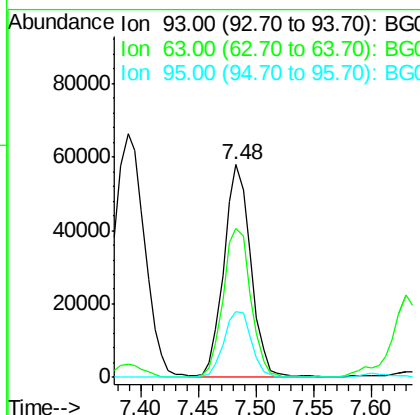
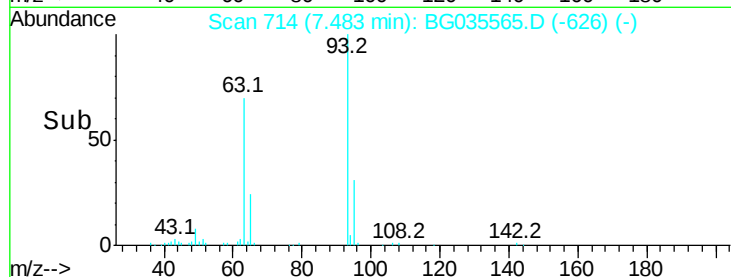
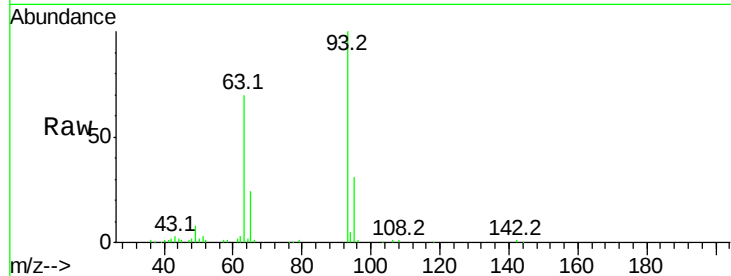
#11
bis(2-Chloroethyl)ether
Concen: 43.317 ng
RT: 7.48 min Scan# 714
Delta R.T. -0.01 min
Lab File: BG035565.D
Acq: 3 Jul 2018 00:13

Instrument :
BNA_G
ClientSampleId :
PB110755BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	70.2	67.1	107.1
95	31.1	11.5	51.5

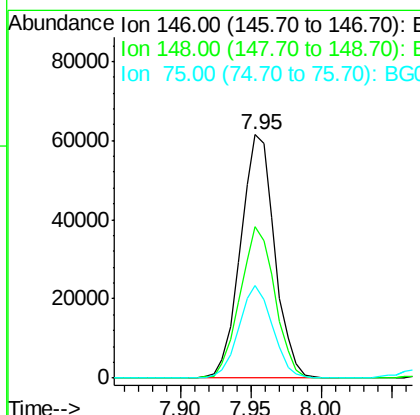
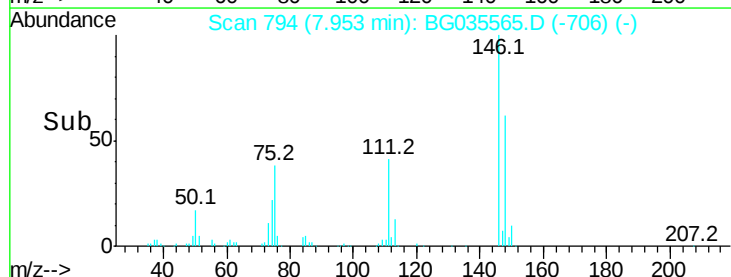
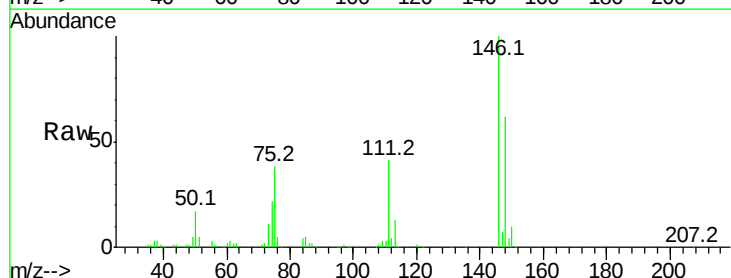
Manual Integrations
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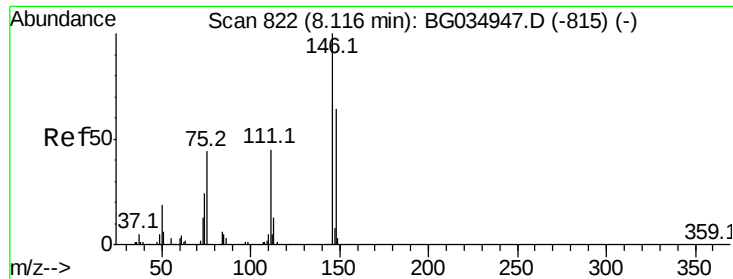
Sohil
7/3/2018 12:12:06 PM



#12
1,3-Dichlorobenzene
Concen: 45.176 ng
RT: 7.95 min Scan# 794
Delta R.T. -0.01 min
Lab File: BG035565.D
Acq: 3 Jul 2018 00:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.1	51.4	77.2
75	38.2	26.6	39.8





#13

1,4-Dichlorobenzene

Concen: 44.682 ng

RT: 8.10 min Scan# 819

Delta R.T. -0.01 min

Lab File: BG035565.D

Acq: 3 Jul 2018 00:13

Instrument :

BNA_G

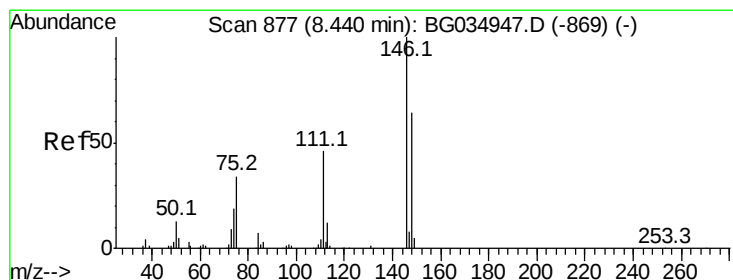
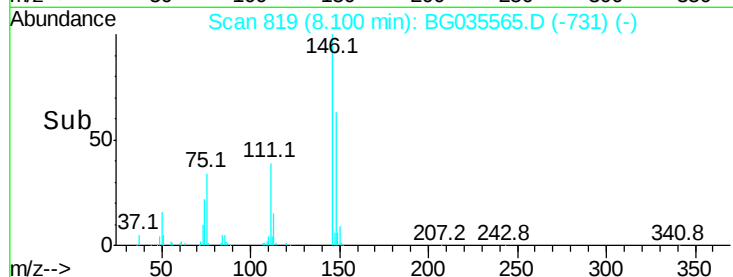
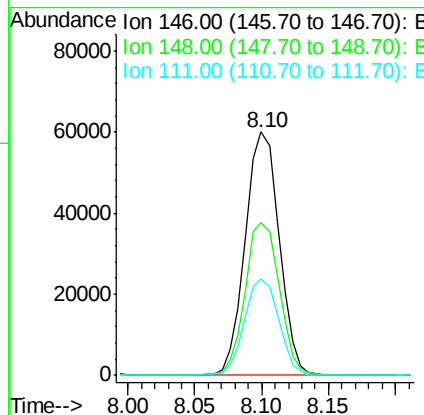
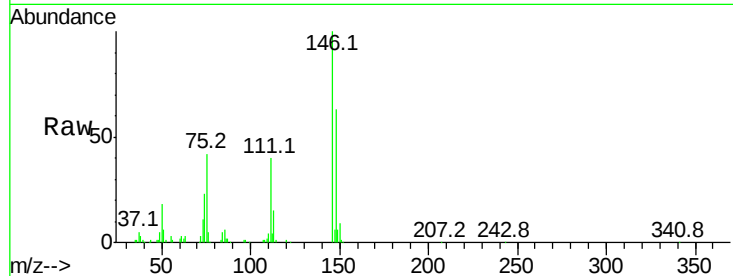
ClientSampleId :

PB110755BSD

Tot Ion:	146	Resp:	105602
Ion Ratio	Lower	Upper	
146	100		
148	62.9	53.7	80.5
111	39.6	35.2	52.8

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#14

1,2-Dichlorobenzene

Concen: 44.028 ng

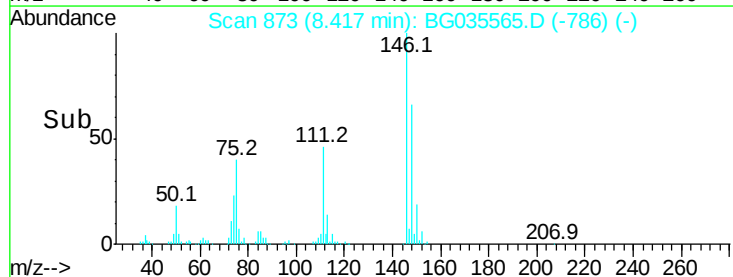
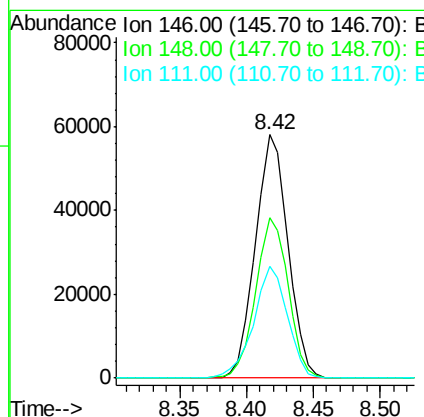
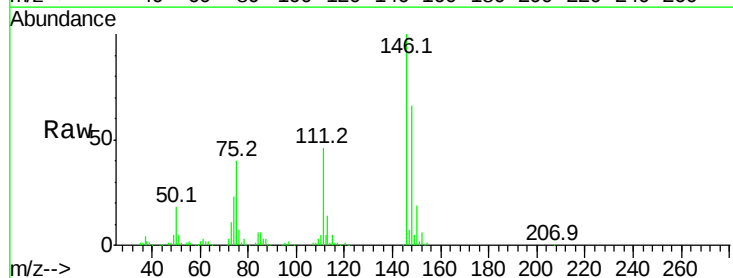
RT: 8.42 min Scan# 873

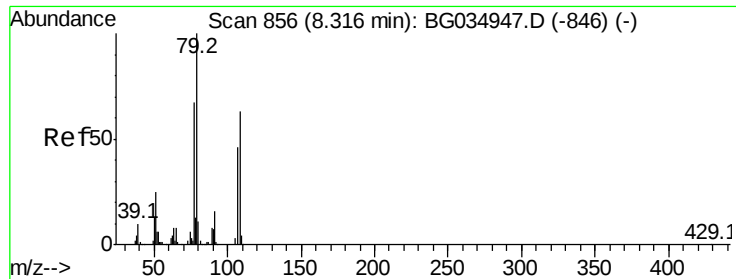
Delta R.T. -0.02 min

Lab File: BG035565.D

Acq: 3 Jul 2018 00:13

Tgt Ion:	146	Resp:	97740
Ion Ratio	Lower	Upper	
146	100		
148	65.7	49.3	73.9
111	45.7	34.3	51.5





#15

Benzyl Alcohol

Concen: 45.016 ng

RT: 8.30 min Scan# 853

Delta R.T. -0.01 min

Lab File: BG035565.D

Acq: 3 Jul 2018 00:13

Instrument :

BNA_G

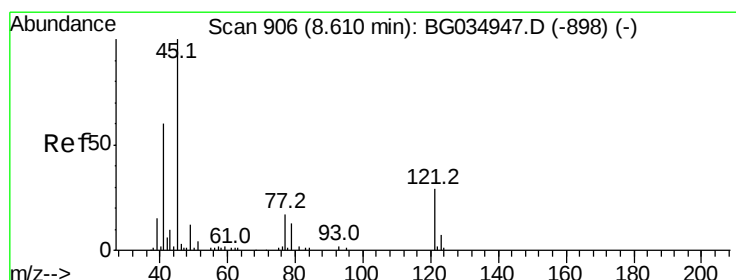
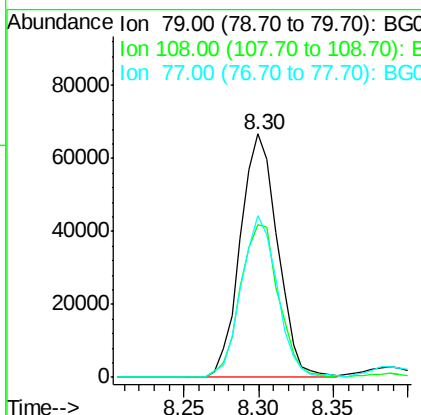
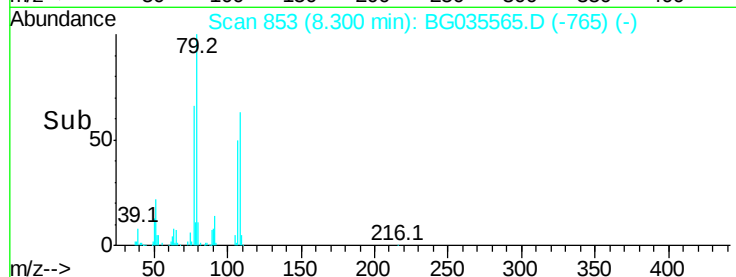
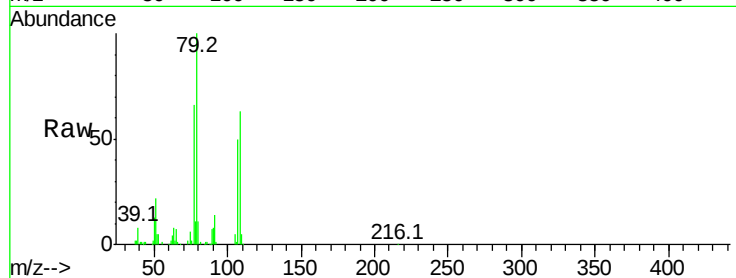
ClientSampleId :

PB110755BSD

Tot Ion:	79	Resp:	115247
Ion Ratio	Lower	Upper	
79	100		
108	63.0	57.2	85.8
77	66.5	46.1	69.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.497 ng

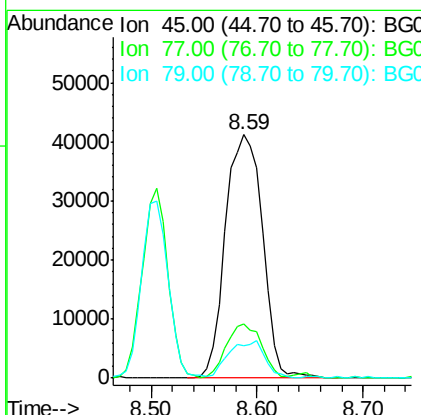
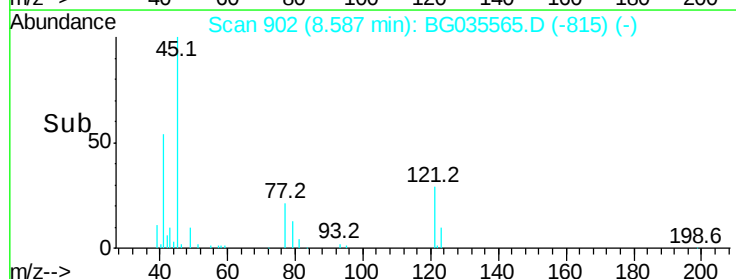
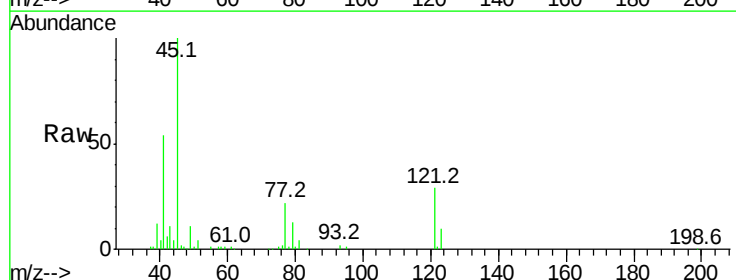
RT: 8.59 min Scan# 902

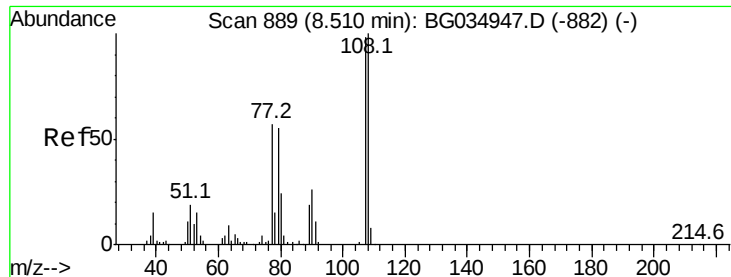
Delta R.T. -0.02 min

Lab File: BG035565.D

Acq: 3 Jul 2018 00:13

Tgt Ion:	45	Resp:	100435
Ion Ratio	Lower	Upper	
45	100		
77	22.4	0.0	30.2
79	13.1	0.0	27.9





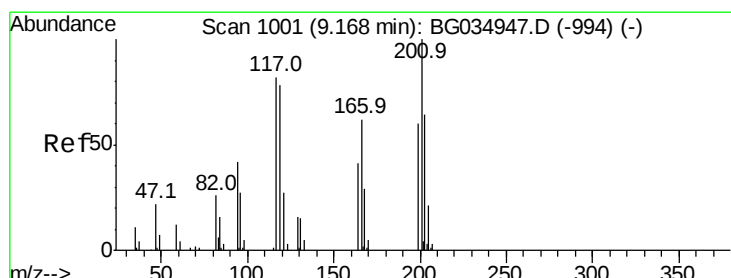
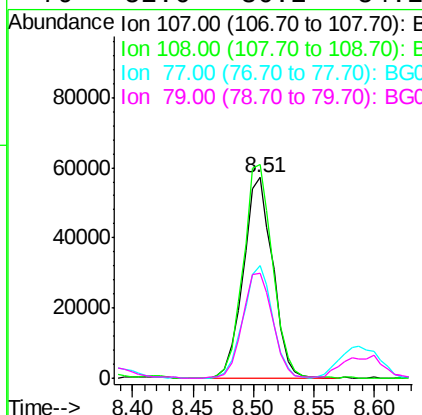
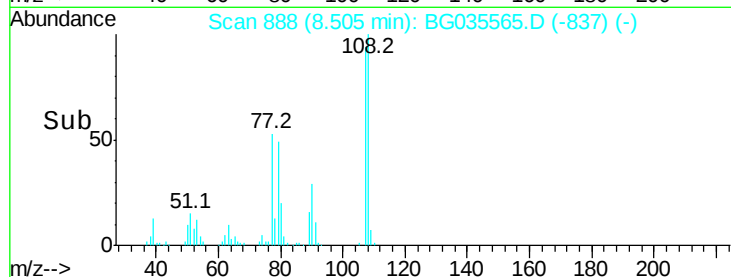
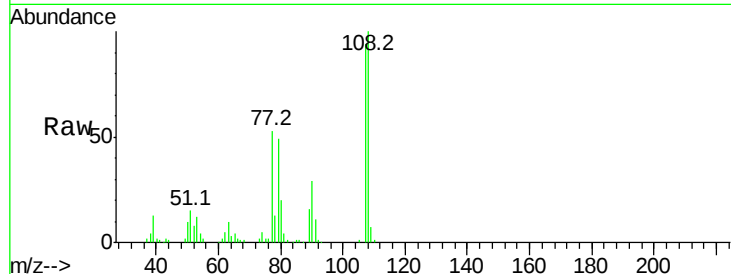
#17
2-Methylphenol
Concen: 52.838 ng
RT: 8.51 min Scan# 888
Delta R.T. 0.00 min
Lab File: BG035565.D
Acq: 3 Jul 2018 00:13

Instrument :
BNA_G
ClientSampleId :
PB110755BSD

Tot Ion	107	Resp	97404
Ion Ratio	Lower	Upper	
107	100		
108	106.5	83.9	125.9
77	56.4	37.2	55.8
79	52.6	36.2	54.2

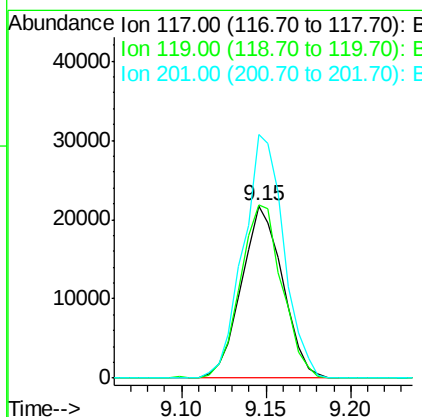
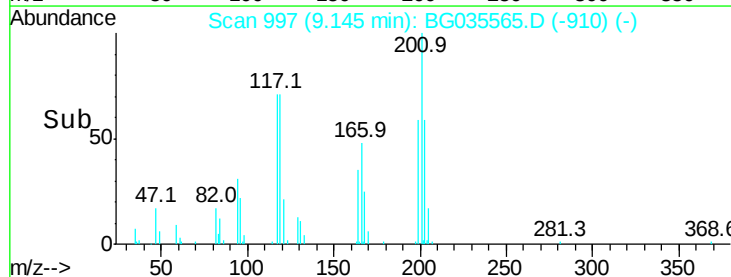
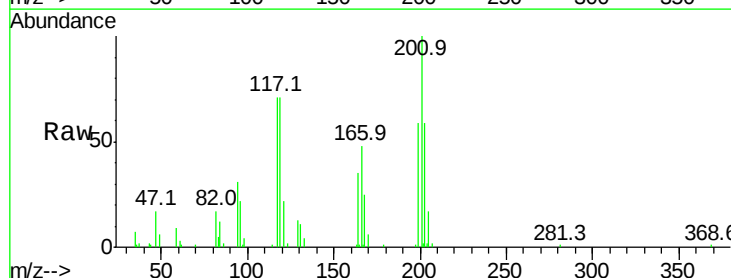
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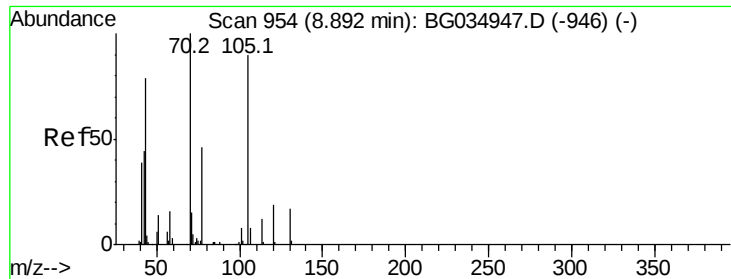
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#18
Hexachloroethane
Concen: 43.514 ng
RT: 9.15 min Scan# 997
Delta R.T. -0.02 min
Lab File: BG035565.D
Acq: 3 Jul 2018 00:13

Tgt Ion	117	Resp	36818
Ion Ratio	Lower	Upper	
117	100		
119	100.7	76.7	115.1
201	141.2	95.7	143.5





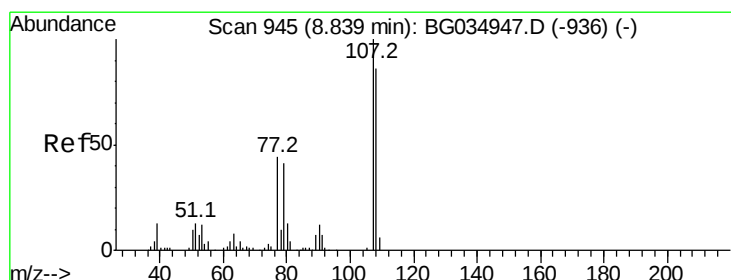
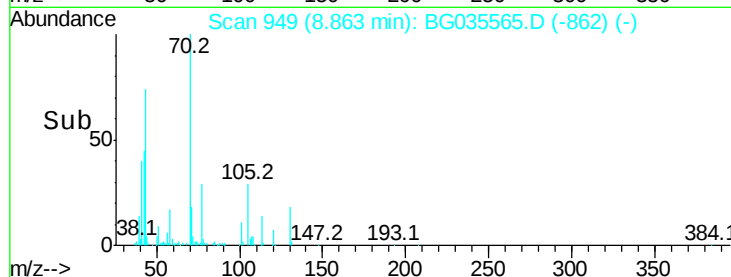
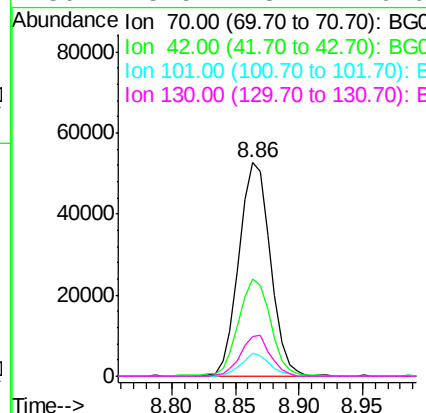
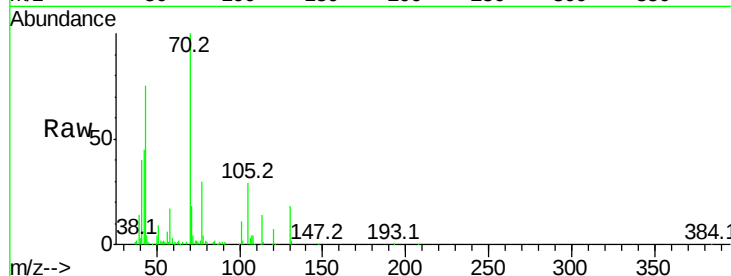
#19
n-Nitroso-di-n-propylamine
Concen: 39.338 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.02 min
Lab File: BG035565.D
Acq: 3 Jul 2018 00:13

Instrument :
BNA_G
ClientSampleId :
PB110755BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	45.4	49.1	73.7#
101	10.8	8.5	12.7
130	18.5	13.4	20.0

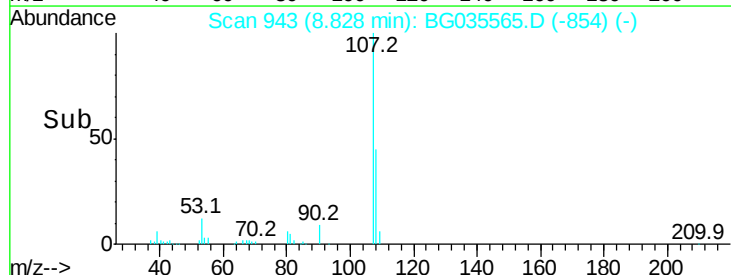
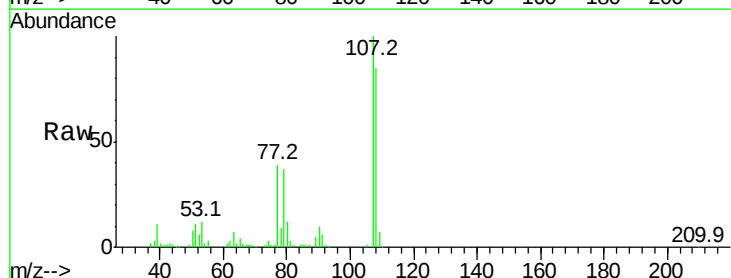
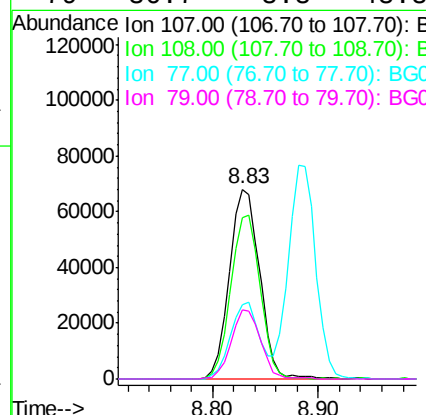
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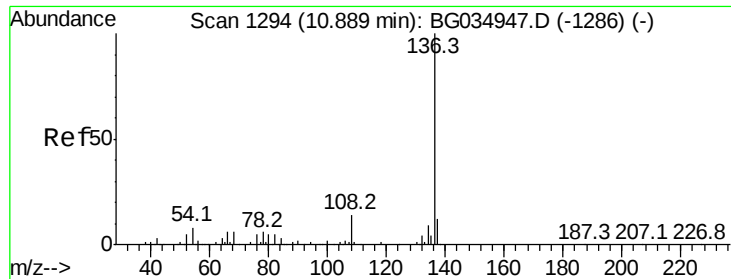
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#20
3+4-Methylphenols
Concen: 50.951 ng
RT: 8.83 min Scan# 943
Delta R.T. -0.01 min
Lab File: BG035565.D
Acq: 3 Jul 2018 00:13

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.1	61.6	101.6
77	39.3	13.9	53.9
79	36.7	8.8	48.8





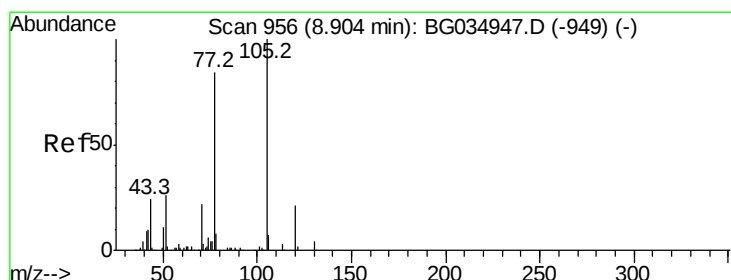
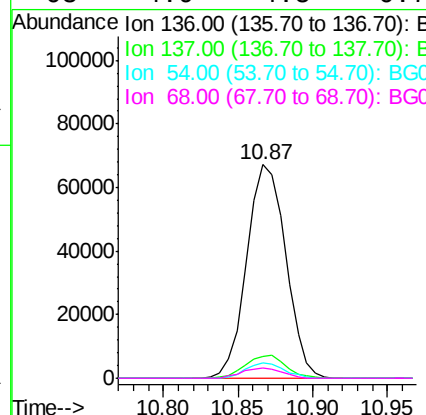
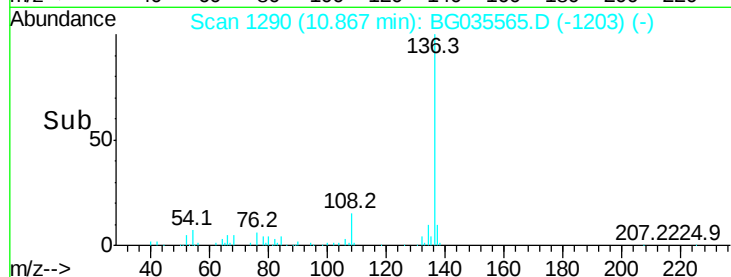
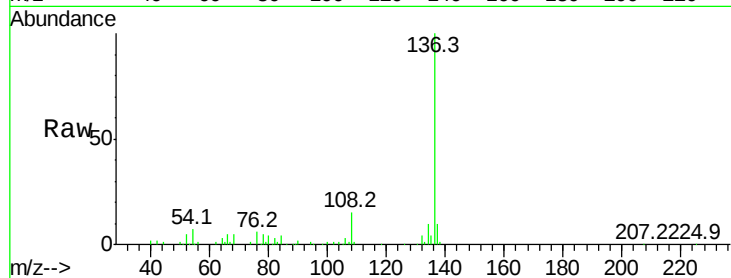
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BG035565.D
Acq: 3 Jul 2018 00:13

Instrument :
BNA_G
ClientSampleId :
PB110755BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	121521		
137	10.5	9.2	13.8	
54	7.4	10.3	15.5	
68	4.9	4.5	6.7	

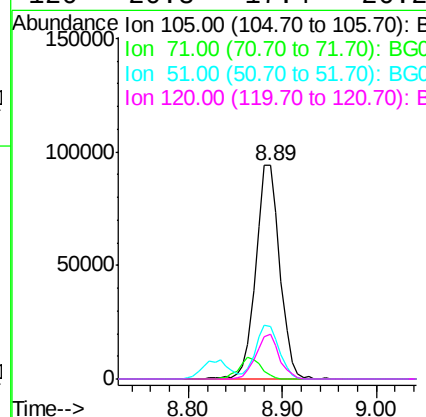
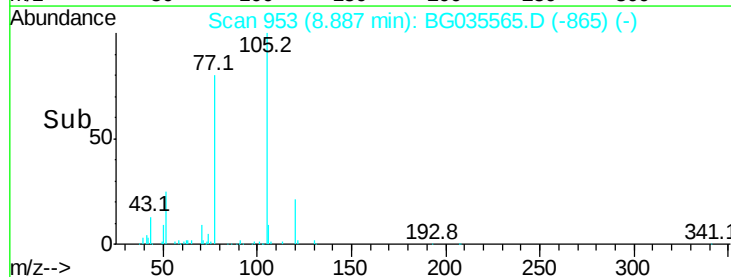
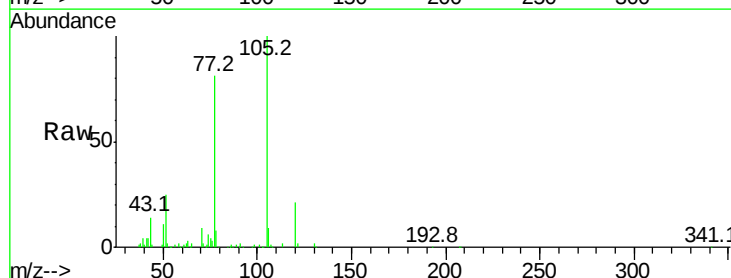
Manual Integrations
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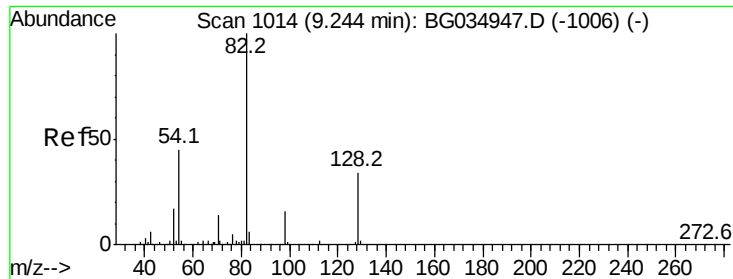
Sohil
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#22
Acetophenone
Concen: 44.009 ng
RT: 8.89 min Scan# 953
Delta R.T. -0.01 min
Lab File: BG035565.D
Acq: 3 Jul 2018 00:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	165666		
71	1.5	3.0	4.4	
51	24.7	26.1	39.1	
120	20.8	17.4	26.2	





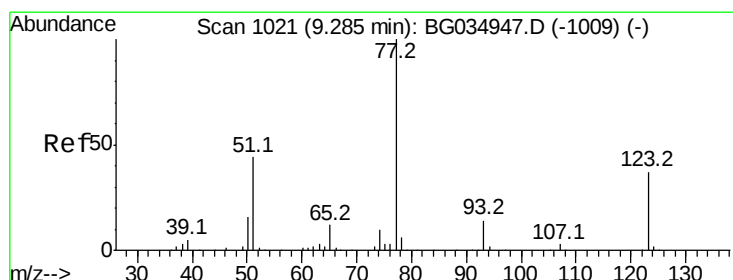
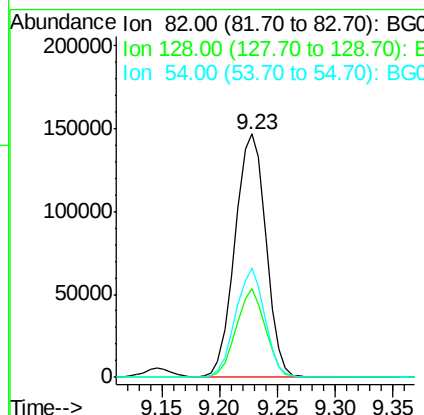
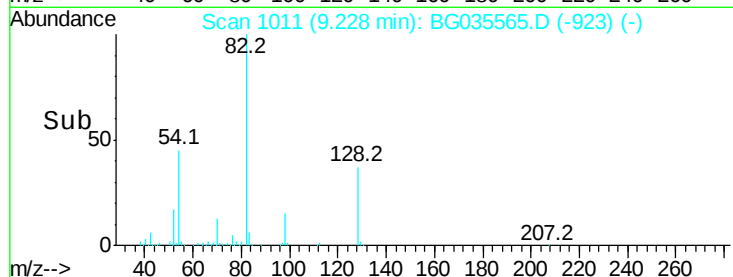
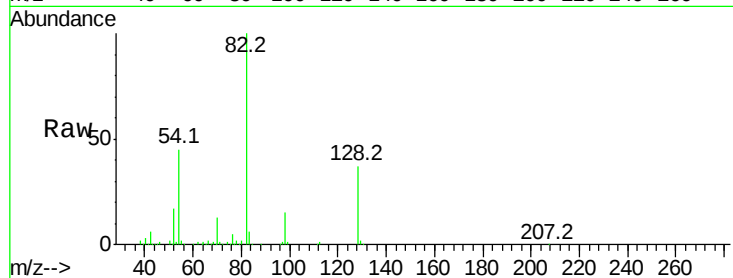
#23
 Nitrobenzene-d5
 Concen: 106.854 ng
 RT: 9.23 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BG035565.D
 Acq: 3 Jul 2018 00:13

Instrument :
 BNA_G
 ClientSampleId :
 PB110755BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	273170		
128	36.6	29.7	44.5	
54	44.7	43.1	64.7	

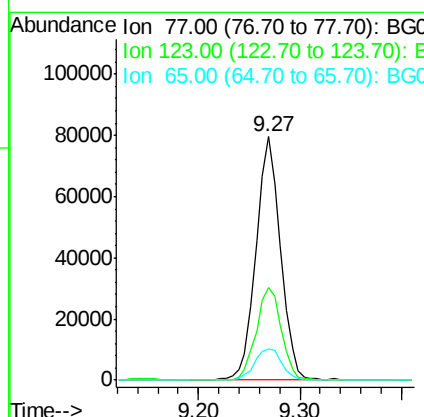
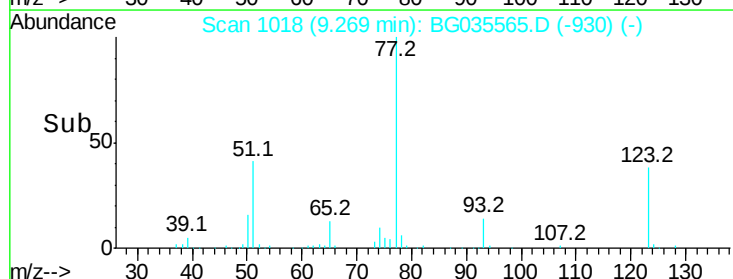
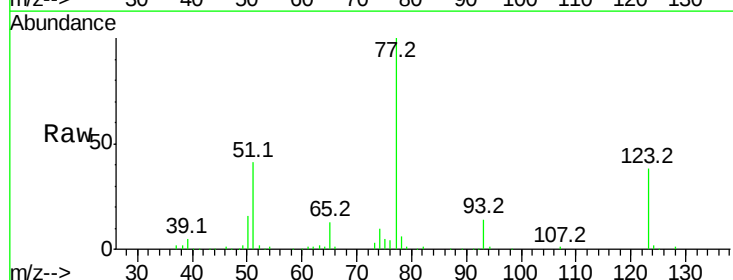
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#24
 Nitrobenzene
 Concen: 50.937 ng
 RT: 9.27 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BG035565.D
 Acq: 3 Jul 2018 00:13

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	133346		
123	37.8	33.0	49.6	
65	13.0	13.0	19.6	





#25

Isophorone

Concen: 48.863 ng

RT: 9.79 min Scan# 1106

Delta R.T. -0.02 min

Lab File: BG035565.D

Acq: 3 Jul 2018 00:13

Instrument :

BNA_G

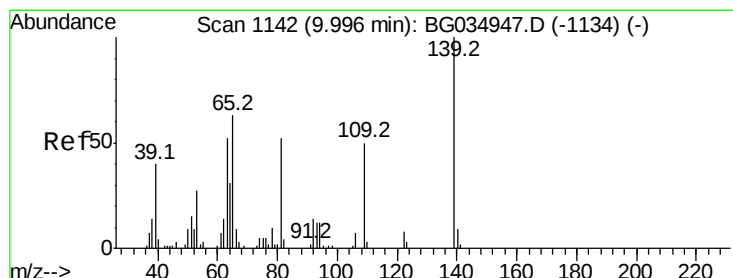
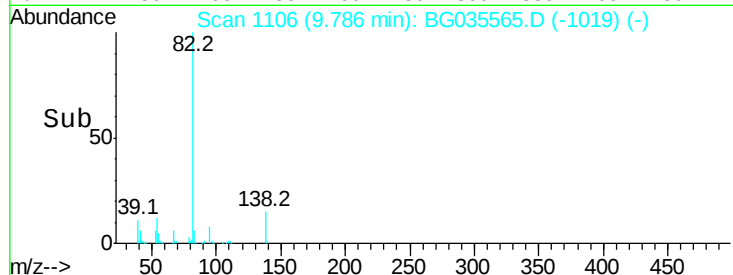
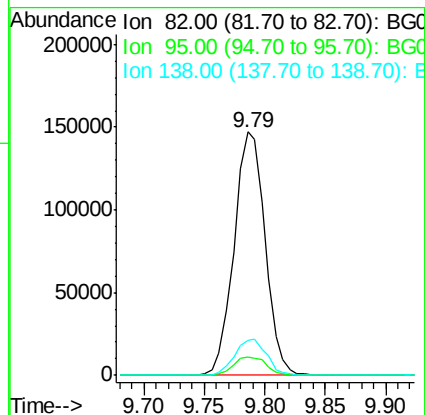
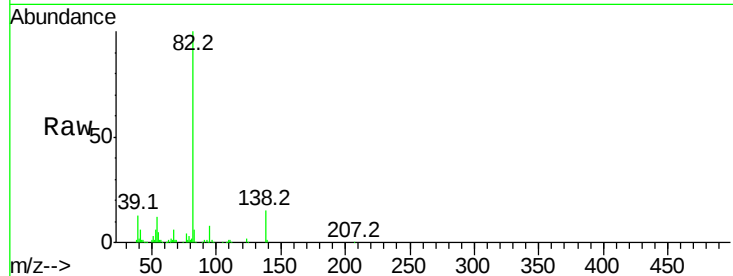
ClientSampleId :

PB110755BSD

Tot Ion:	82	Resp:	263742
Ion Ratio	Lower	Upper	
82	100		
95	7.6	6.2	9.2
138	14.6	12.1	18.1

Manual Integrations
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#26

2-Nitrophenol

Concen: 59.655 ng

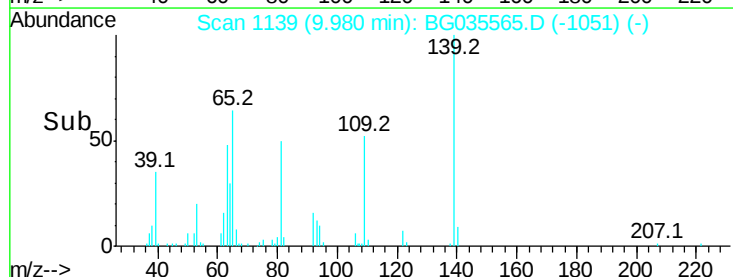
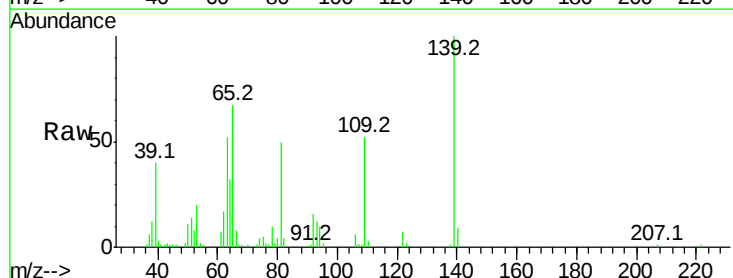
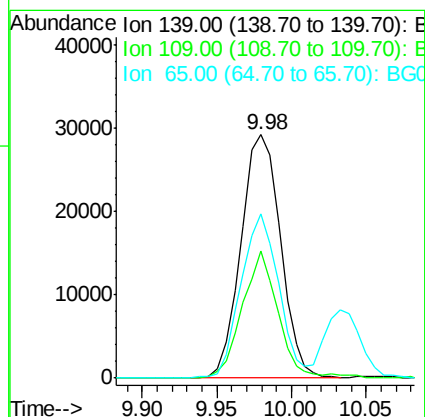
RT: 9.98 min Scan# 1139

Delta R.T. -0.01 min

Lab File: BG035565.D

Acq: 3 Jul 2018 00:13

Tgt Ion:	139	Resp:	53830
Ion Ratio	Lower	Upper	
139	100		
109	52.1	24.2	36.2#
65	67.3	47.4	71.0





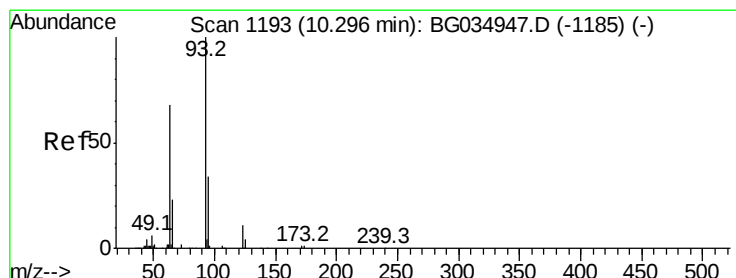
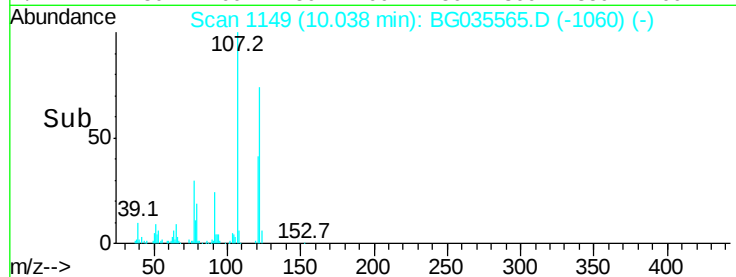
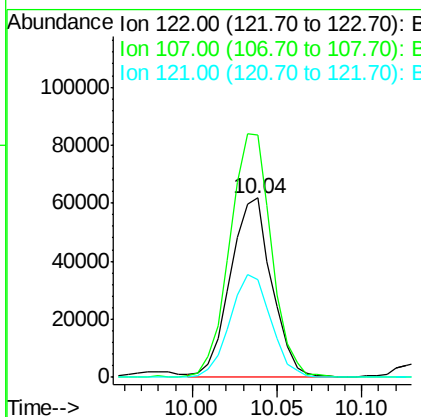
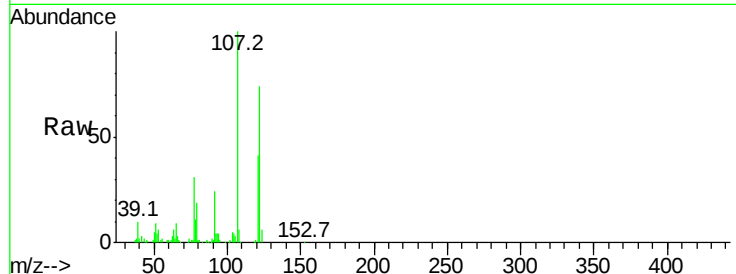
#27
 2,4-Dimethylphenol
 Concen: 55.574 ng
 RT: 10.04 min Scan# 1149
 Delta R.T. -0.01 min
 Lab File: BG035565.D
 Acq: 3 Jul 2018 00:13

Instrument :
 BNA_G
 ClientSampleId :
 PB110755BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	134.6	100.2	150.2
121	54.7	44.4	66.6

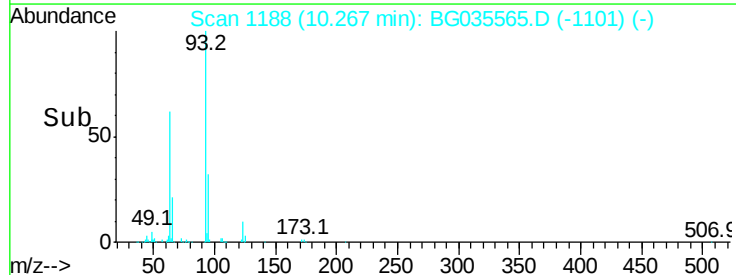
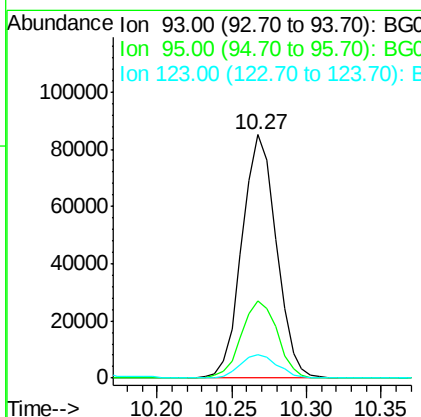
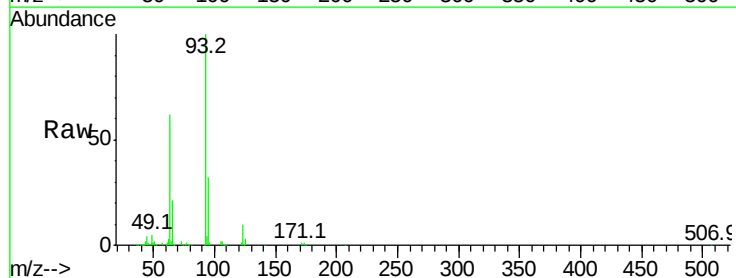
Manual Integrations
 APPROVED

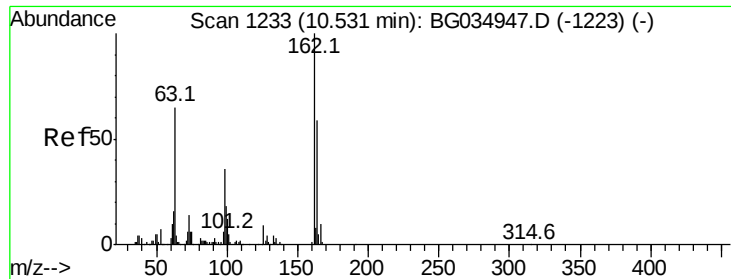
Sohil
 7/3/2018 12:12:06 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.868 ng
 RT: 10.27 min Scan# 1188
 Delta R.T. -0.02 min
 Lab File: BG035565.D
 Acq: 3 Jul 2018 00:13

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	24.3	36.5
123	9.7	8.4	12.6





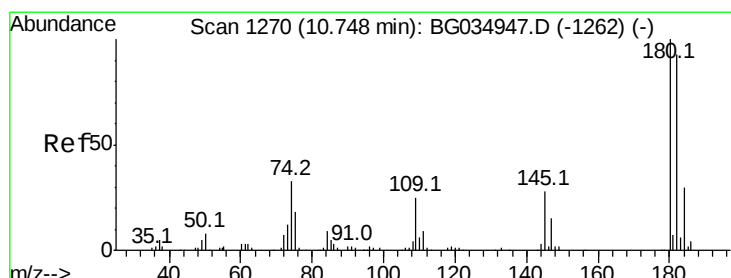
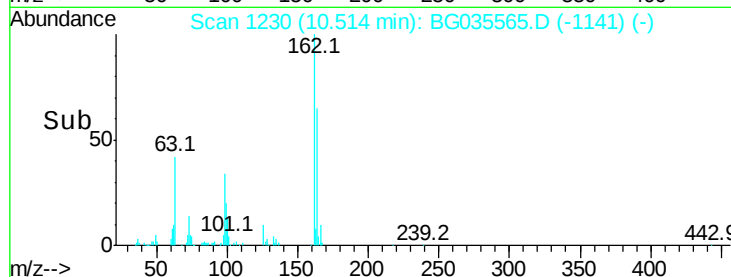
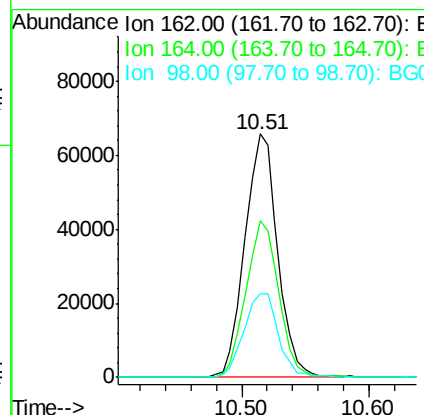
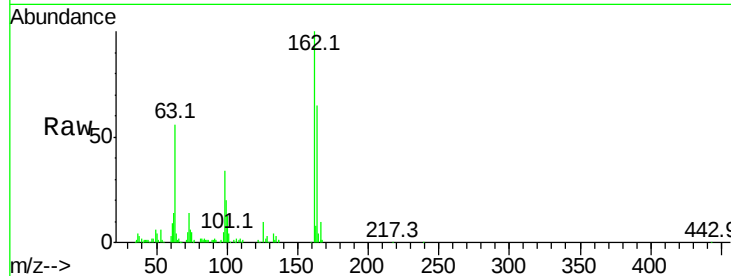
#29
 2,4-Dichlorophenol
 Concen: 57.065 ng
 RT: 10.51 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BG035565.D
 Acq: 3 Jul 2018 00:13

Instrument :
 BNA_G
 ClientSampleId :
 PB110755BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	64.5	48.0	88.0	
98	34.1	21.1	61.1	

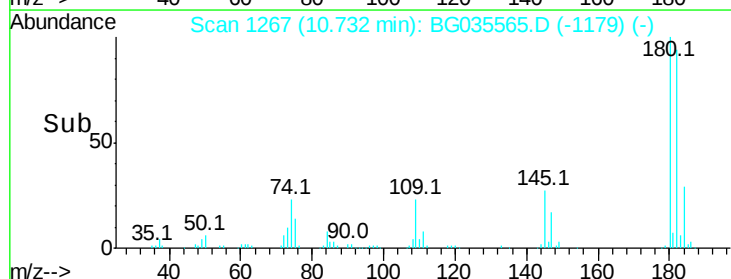
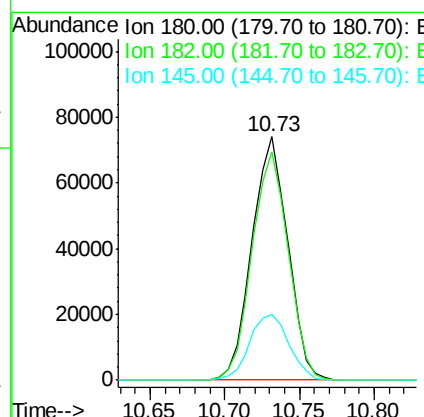
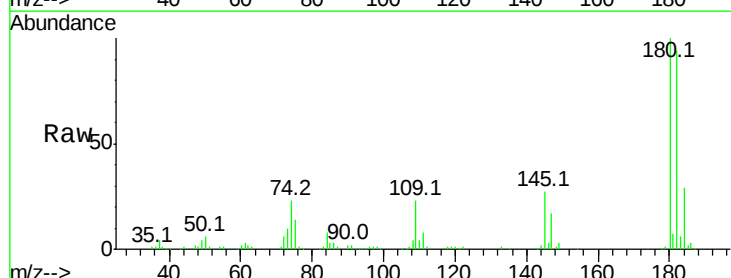
Manual Integrations
 APPROVED

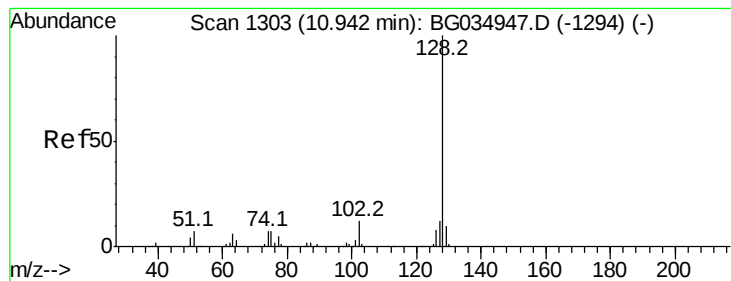
Sohil
 7/3/2018 12:12:06 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 49.427 ng
 RT: 10.73 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BG035565.D
 Acq: 3 Jul 2018 00:13

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.0	77.5	116.3	
145	27.1	23.4	35.2	





#31

Naphthalene

Concen: 47.176 ng

RT: 10.92 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BG035565.D

Acq: 3 Jul 2018 00:13

Instrument :

BNA_G

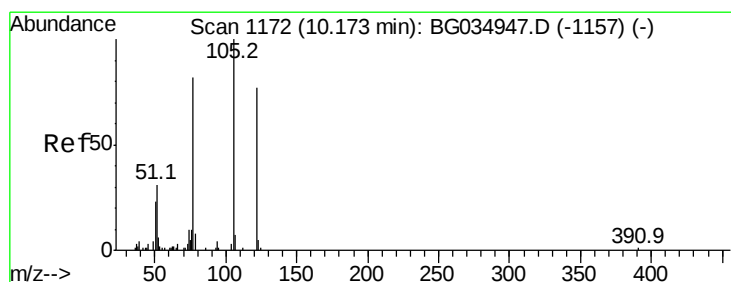
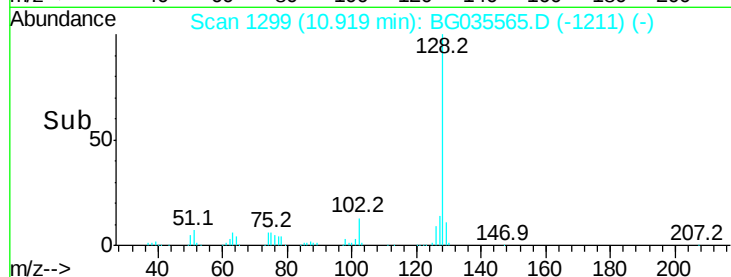
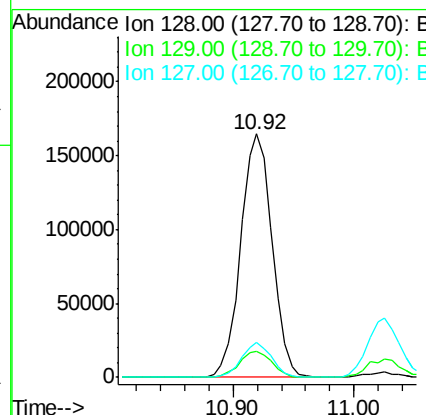
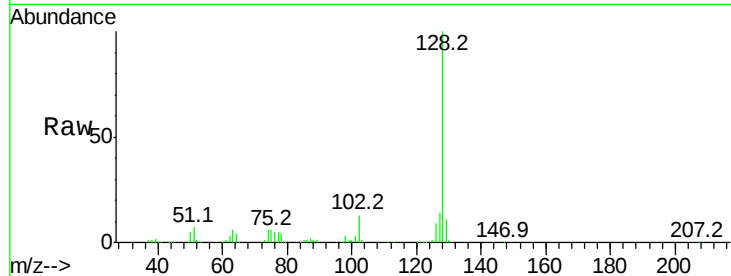
ClientSampleId :

PB110755BSD

Tot Ion:	128	Resp:	297817
Ion Ratio	Lower	Upper	
128	100		
129	10.8	8.6	12.8
127	14.2	11.6	17.4

Manual Integrations
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#32

Benzoic acid

Concen: 31.113 ng

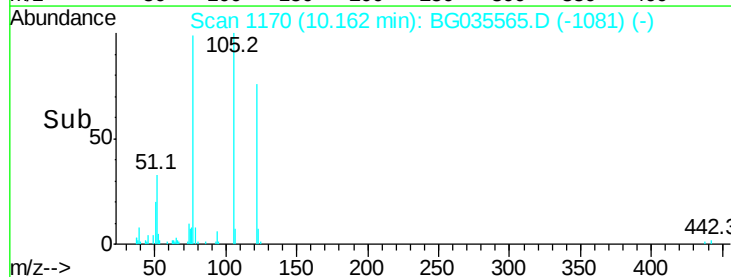
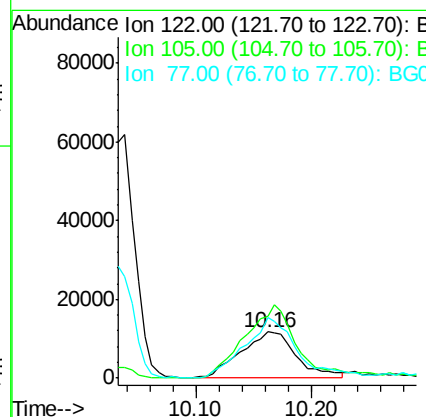
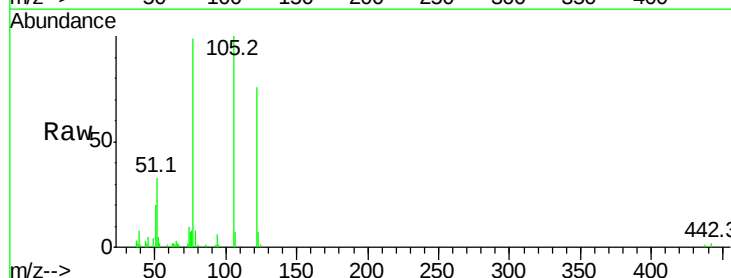
RT: 10.16 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BG035565.D

Acq: 3 Jul 2018 00:13

Tgt Ion:	122	Resp:	39527
Ion Ratio	Lower	Upper	
122	100		
105	132.1	123.5	163.5
77	130.5	85.7	125.7#





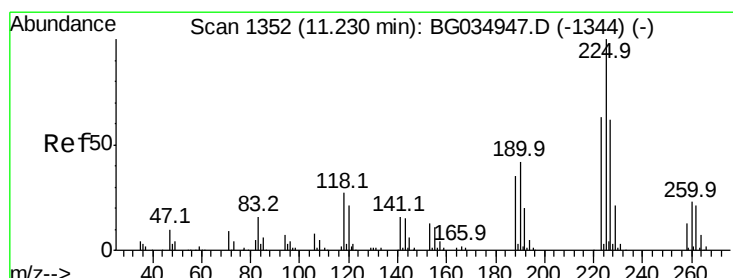
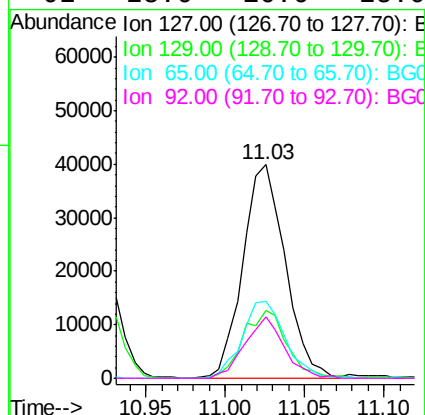
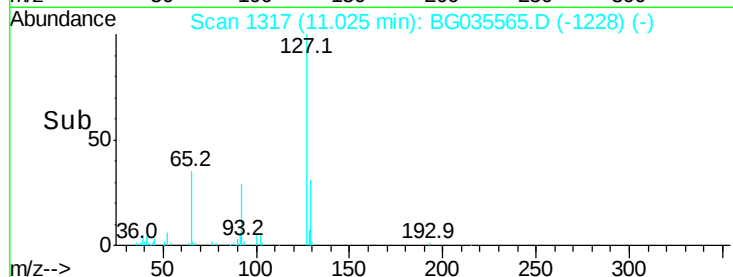
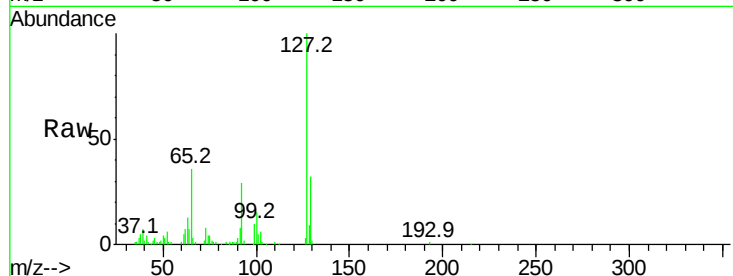
#33
4-Chloroaniline
Concen: 27.019 ng
RT: 11.03 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BG035565.D
Acq: 3 Jul 2018 00:13

Instrument :
BNA_G
ClientSampleId :
PB110755BSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.7	24.0	36.0
65	35.8	27.0	40.4
92	28.6	16.6	25.0

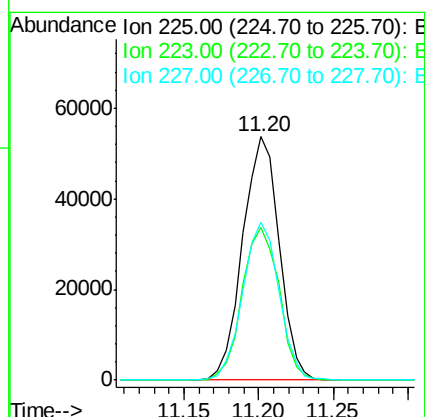
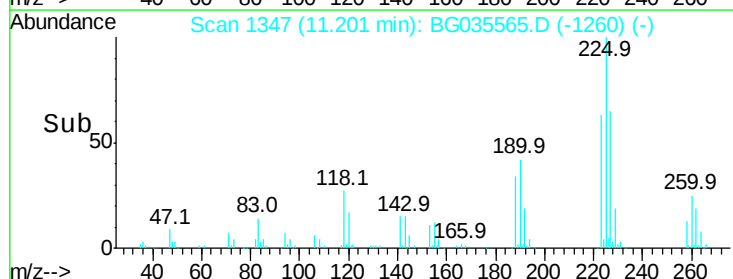
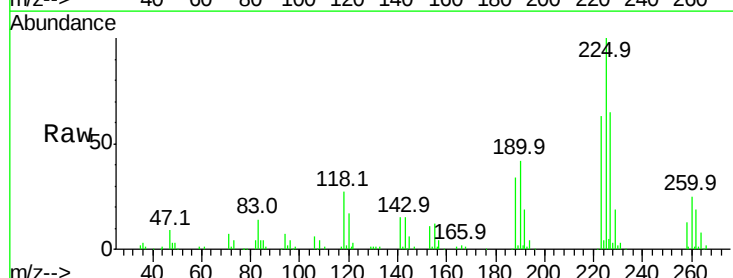
Manual Integrations
APPROVED

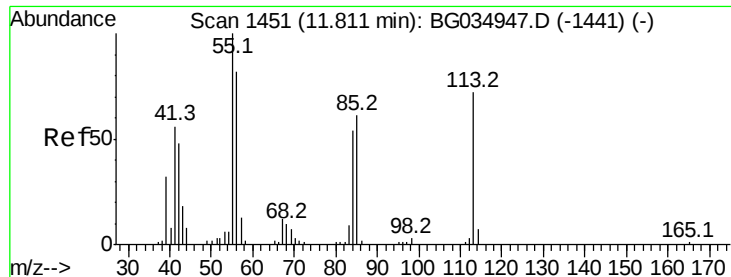
Sohil
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#34
Hexachlorobutadiene
Concen: 47.207 ng
RT: 11.20 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BG035565.D
Acq: 3 Jul 2018 00:13

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.7	74.5
227	64.6	48.1	72.1





#35

Caprolactam

Concen: 58.585 ng/ml

RT: 11.79 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BG035565.D

Acq: 3 Jul 2018 00:13

Instrument :

BNA_G

ClientSampled :

PB110755BSD

Tot Ion:113 Resp: 44684

Ion Ratio Lower Upper

113 100

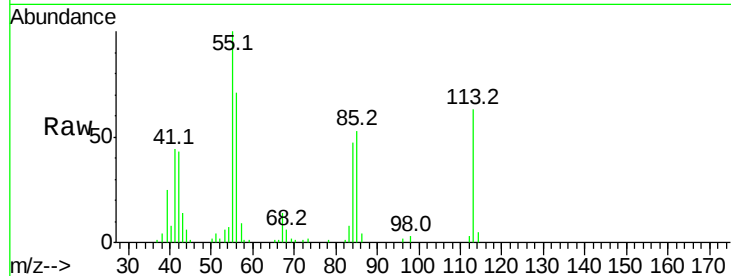
55 159.1 186.9 226.9#

56 112.6 130.9 170.9#

Manual Integrations
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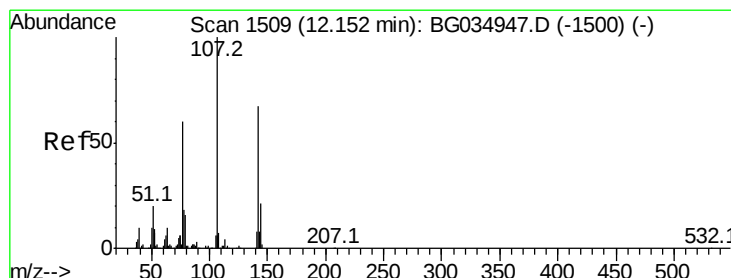
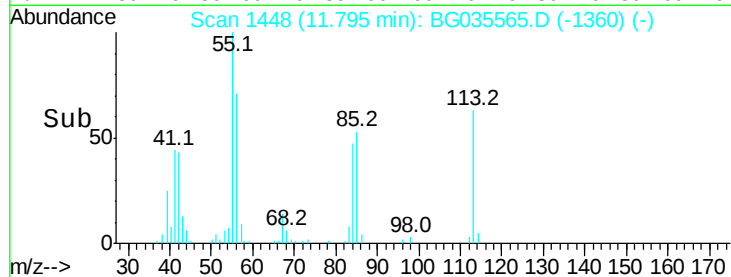
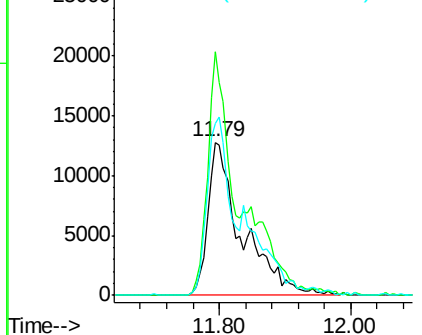
7/3/2018 12:12:06 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 57.359 ng/ml

RT: 12.14 min Scan# 1507

Delta R.T. 0.00 min

Lab File: BG035565.D

Acq: 3 Jul 2018 00:13

Tgt Ion:107 Resp: 147562

Ion Ratio Lower Upper

107 100

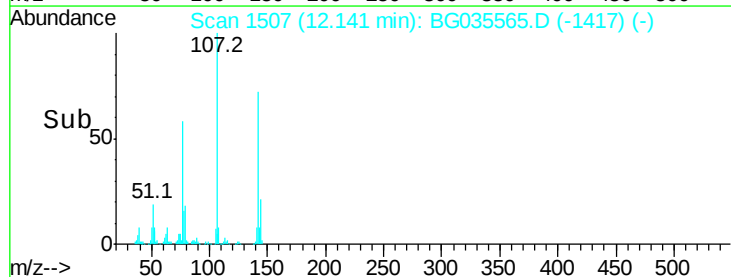
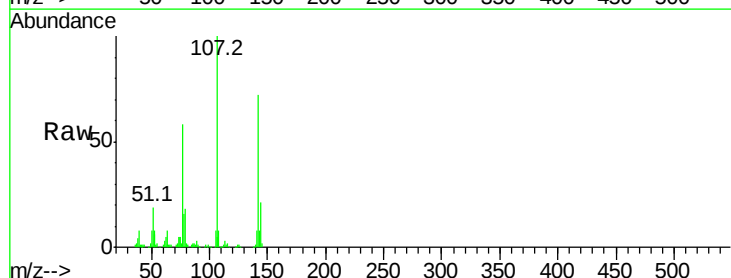
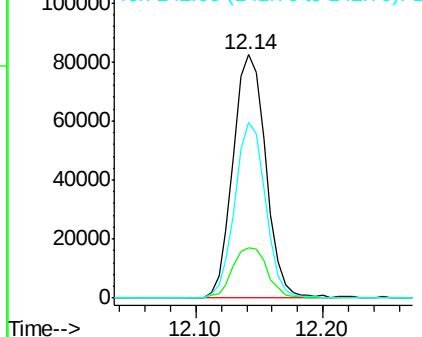
144 20.5 18.2 27.4

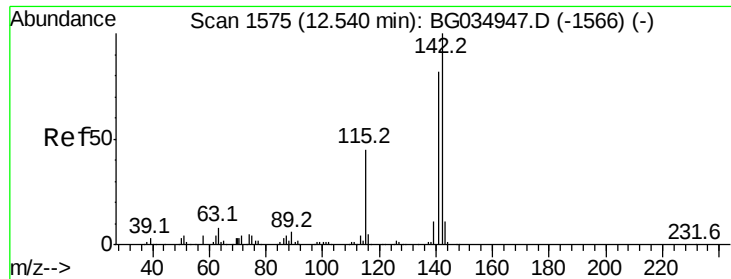
142 72.1 59.0 88.4

Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





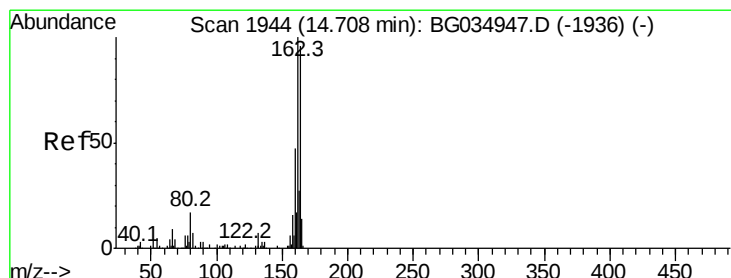
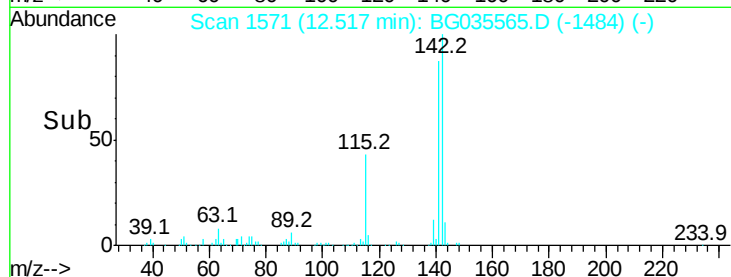
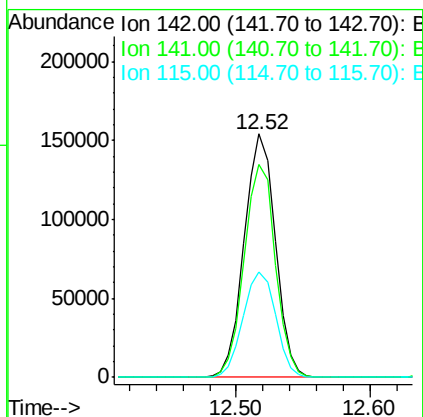
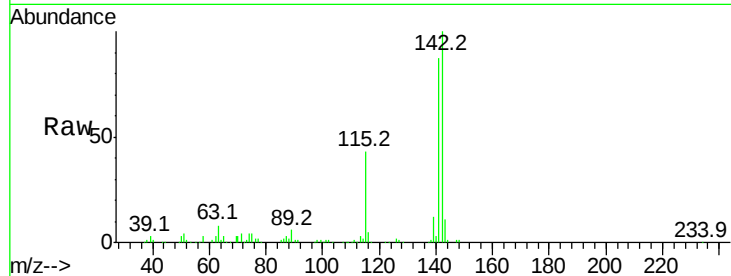
#37
 2-Methylnaphthalene
 Concen: 51.903 ng
 RT: 12.52 min Scan# 1571
 Delta R.T. -0.02 min
 Lab File: BG035565.D
 Acq: 3 Jul 2018 00:13

Instrument :
 BNA_G
 ClientSampleId :
 PB110755BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.3	67.1	100.7
115	43.2	30.7	46.1

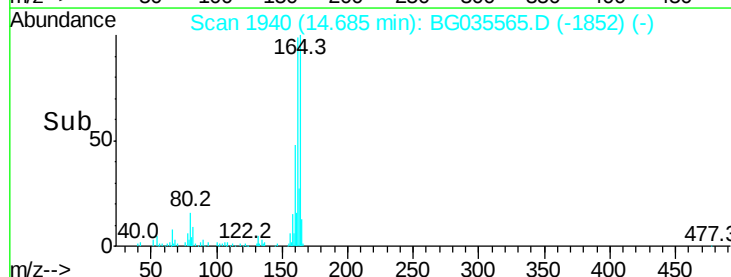
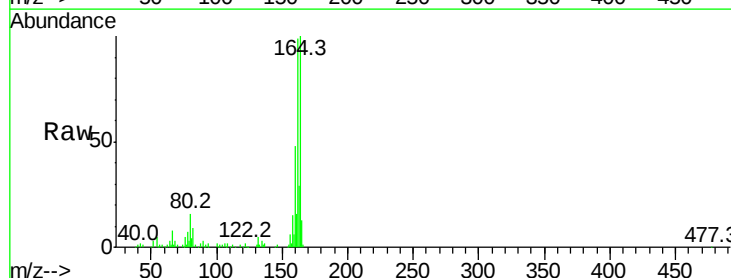
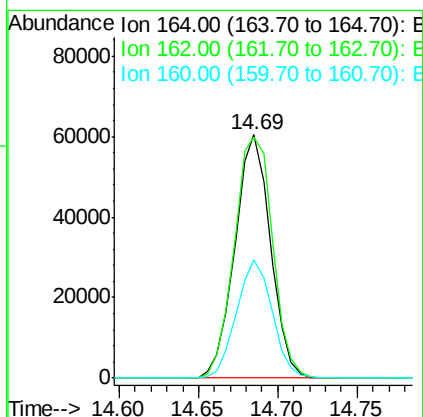
Manual Integrations
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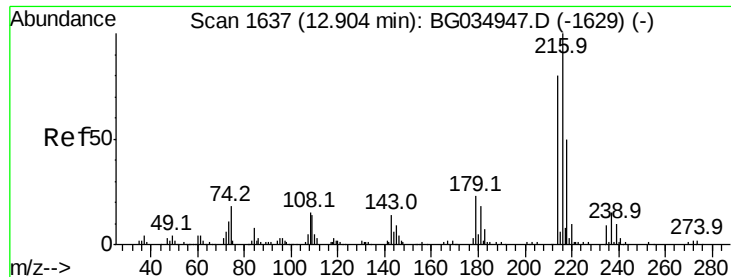
Sohil
 7/3/2018 12:12:06 PM



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1940
 Delta R.T. -0.01 min
 Lab File: BG035565.D
 Acq: 3 Jul 2018 00:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.2	78.8	118.2
160	48.3	35.4	53.0





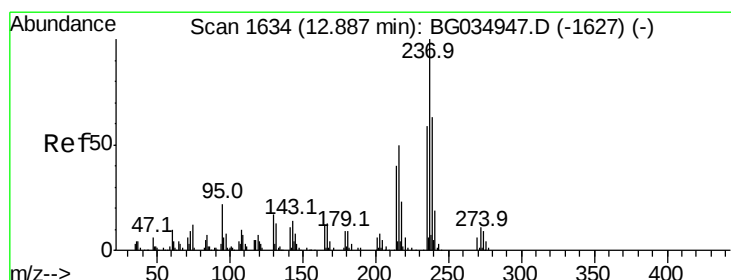
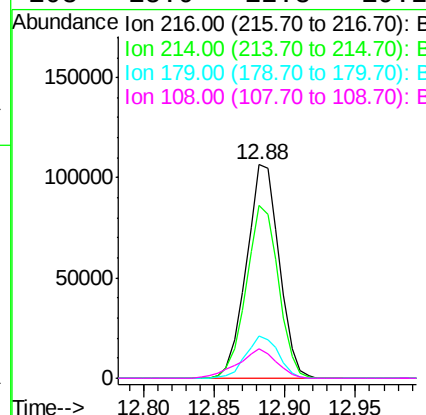
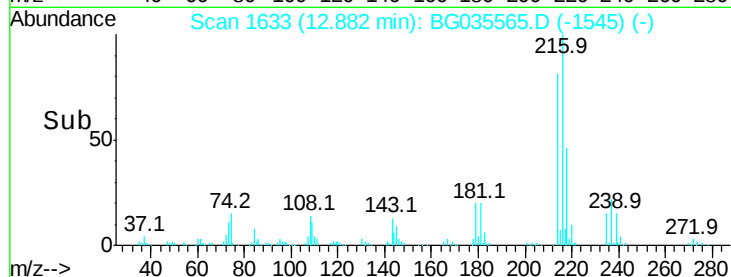
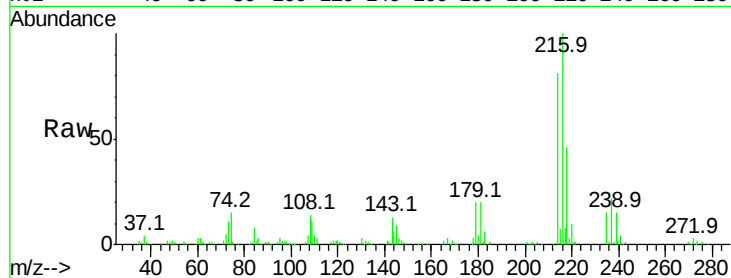
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 49.430 ng
 RT: 12.88 min Scan# 1633
 Delta R.T. -0.01 min
 Lab File: BG035565.D
 Acq: 3 Jul 2018 00:13

Instrument :
 BNA_G
 ClientSampleId :
 PB110755BSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	173037		
214	79.5	63.0	94.4	
179	19.7	17.0	25.6	
108	15.9	12.8	19.2	

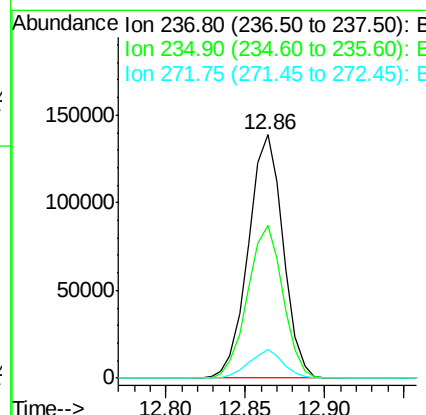
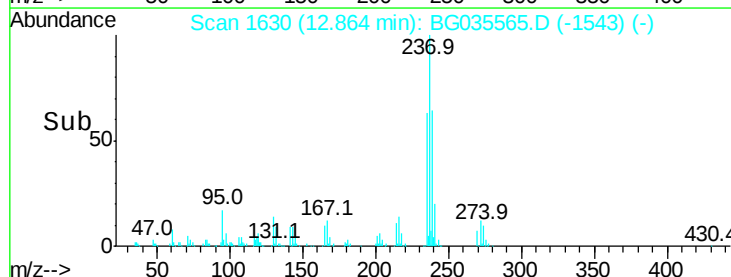
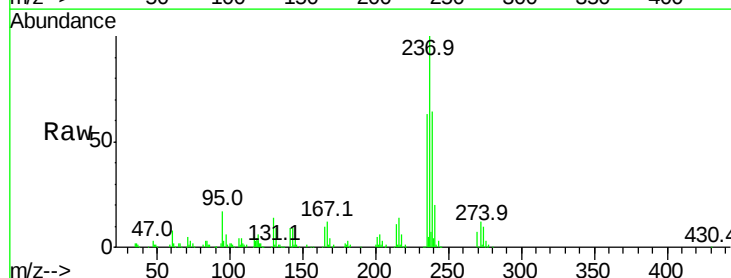
Manual Integrations
 APPROVED

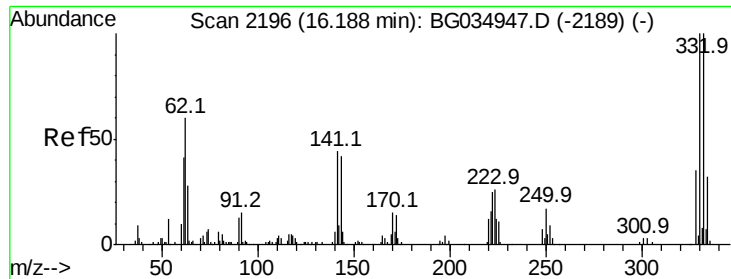
Sohil
 7/3/2018 12:12:06 PM



#40
 Hexachlorocyclopentadiene
 Concen: 96.113 ng
 RT: 12.86 min Scan# 1630
 Delta R.T. -0.02 min
 Lab File: BG035565.D
 Acq: 3 Jul 2018 00:13

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	210989		
235	63.0	50.4	90.4	
272	11.9	0.0	31.8	





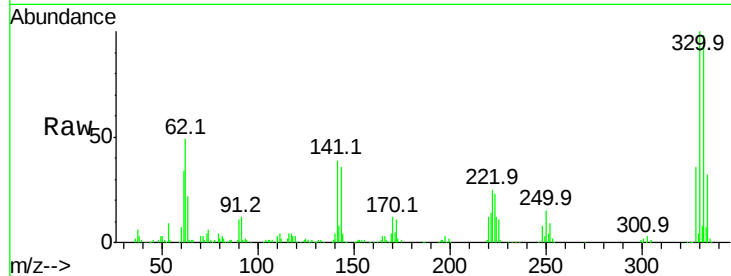
#41
 2,4,6-Tribromophenol
 Concen: 188.120 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG035565.D
 Acq: 3 Jul 2018 00:13

Instrument :
 BNA_G
 ClientSampleId :
 PB110755BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	226325		
332	96.7	77.0	115.6	
141	36.3	25.2	37.8	

Manual Integrations
 APPROVED

Sohil
 7/3/2018 12:12:06 PM

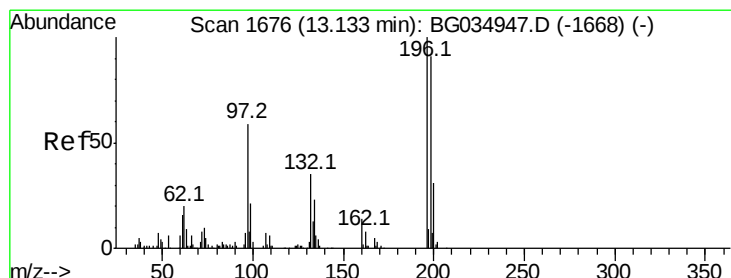
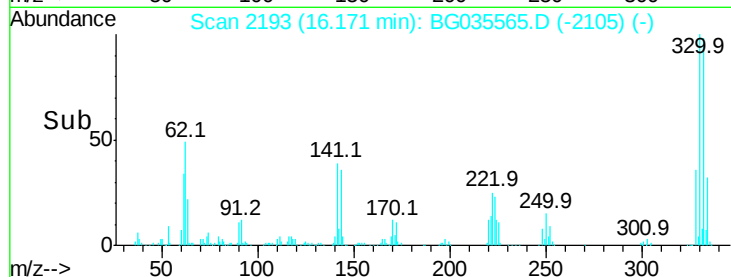
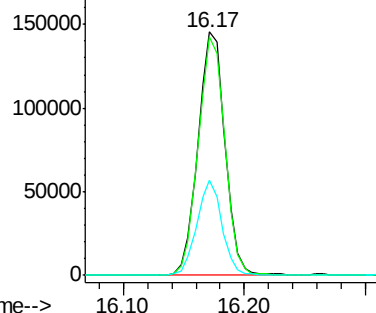


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 56.067 ng
 RT: 13.12 min Scan# 1674
 Delta R.T. -0.01 min
 Lab File: BG035565.D
 Acq: 3 Jul 2018 00:13

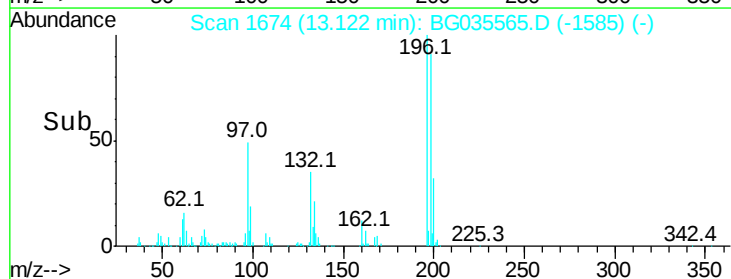
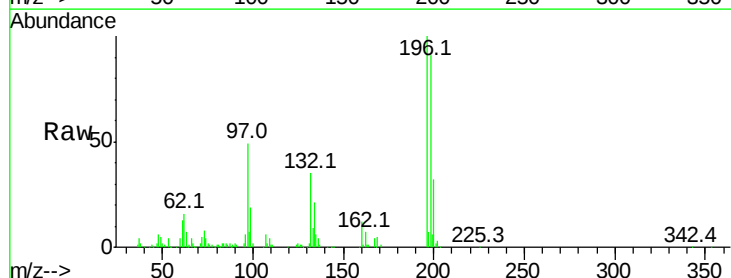
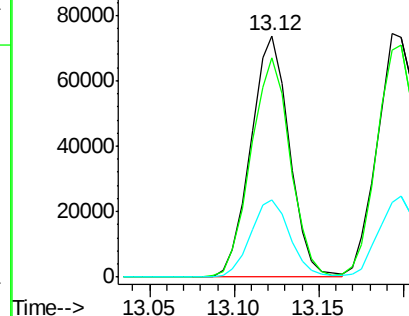
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	117522		
198	90.9	78.2	117.2	
200	31.8	24.6	36.8	

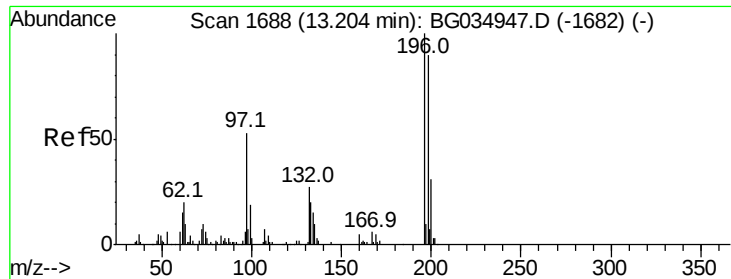
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





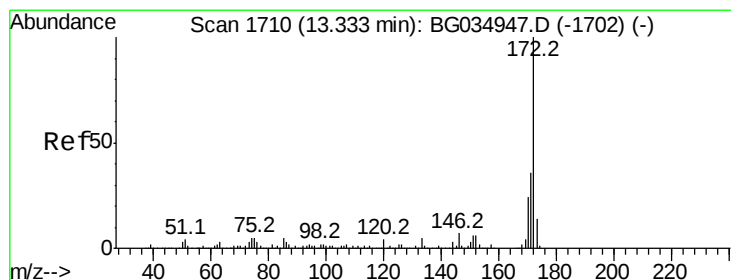
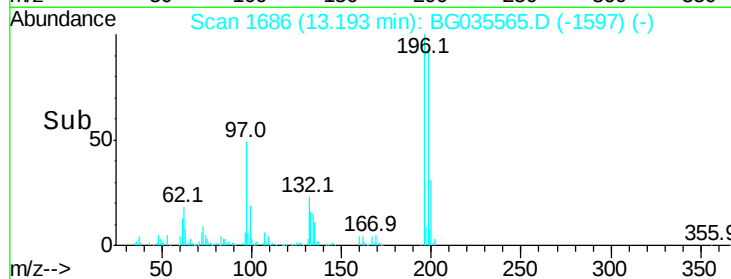
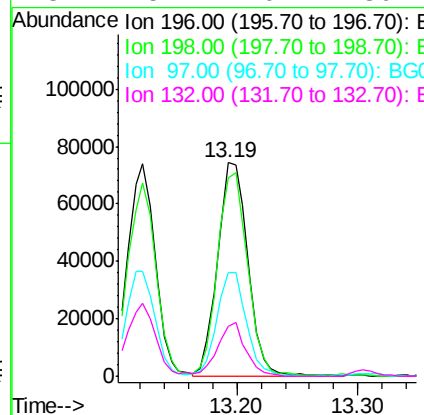
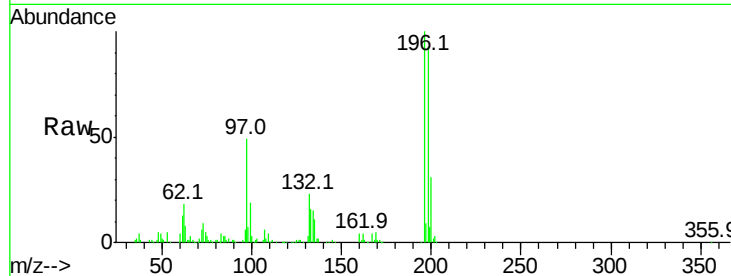
#43
 2,4,5-Trichlorophenol
 Concen: 55.658 ng
 RT: 13.19 min Scan# 1686
 Delta R.T. -0.01 min
 Lab File: BG035565.D
 Acq: 3 Jul 2018 00:13

Instrument :
 BNA_G
 ClientSampleId :
 PB110755BSD

Tot Ion	196	Resp	128049
Ion Ratio	Lower	Upper	
196	100		
198	93.0	76.2	114.4
97	48.8	38.7	58.1
132	23.4	20.2	30.2

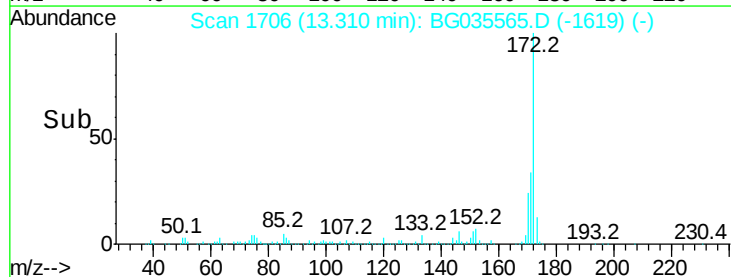
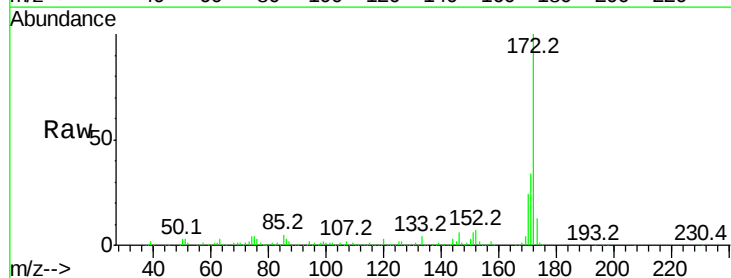
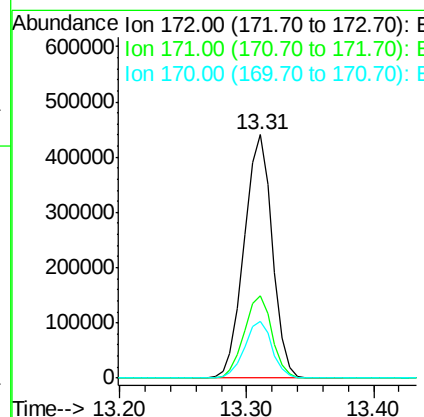
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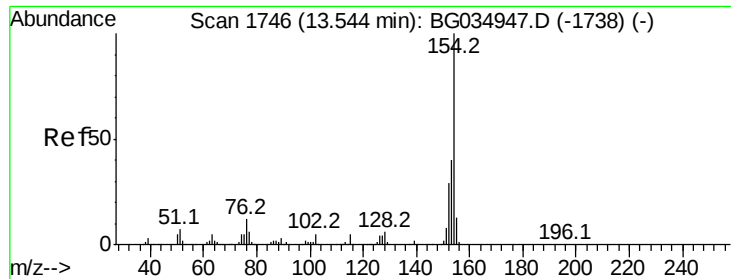
Sohil
 7/3/2018 12:12:06 PM



#44
 2-Fluorobiphenyl
 Concen: 93.345 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG035565.D
 Acq: 3 Jul 2018 00:13

Tgt Ion	172	Resp	674829
Ion Ratio	Lower	Upper	
172	100		
171	33.9	30.0	45.0
170	23.5	19.5	29.3





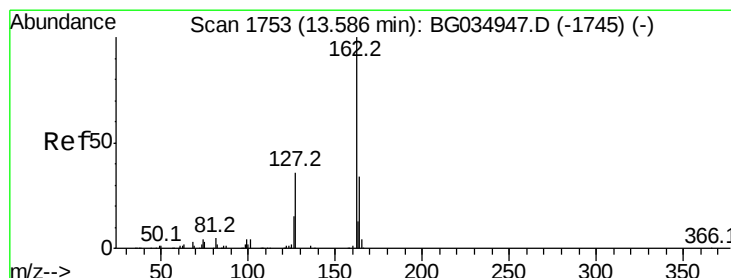
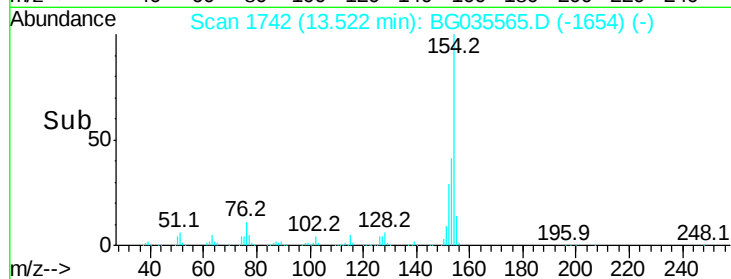
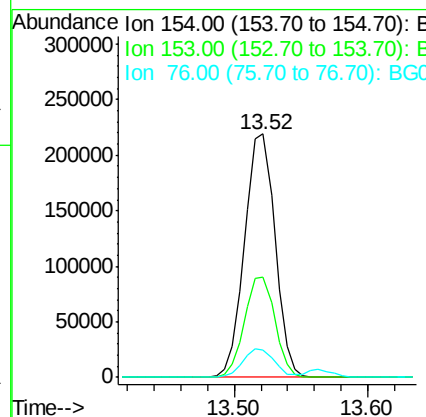
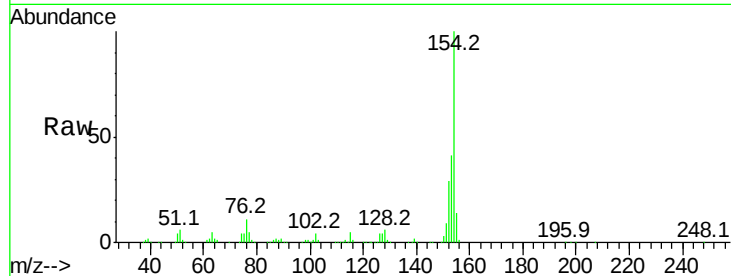
#45
 1,1'-Biphenyl
 Concen: 45.745 ng
 RT: 13.52 min Scan# 1742
 Delta R.T. -0.01 min
 Lab File: BG035565.D
 Acq: 3 Jul 2018 00:13

Instrument :
 BNA_G
 ClientSampleId :
 PB110755BSD

Tot Ion:	154	Resp:	345701
Ion Ratio	Lower	Upper	
154	100		
153	41.4	19.8	59.8
76	11.5	0.0	31.9

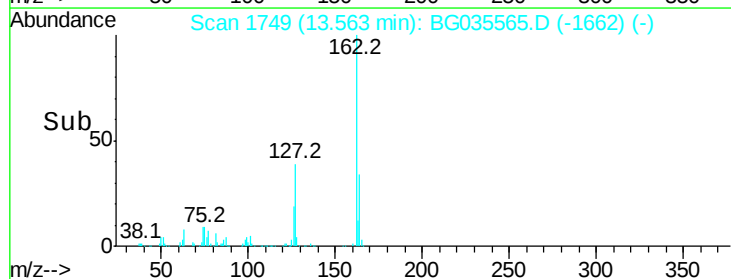
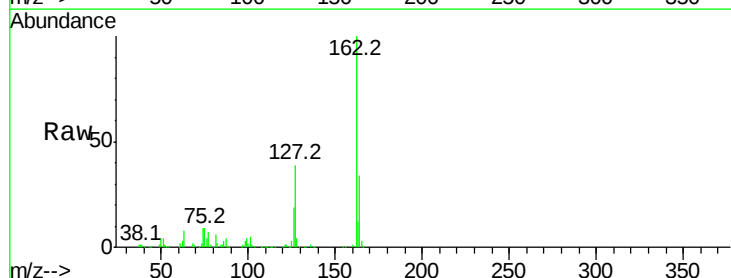
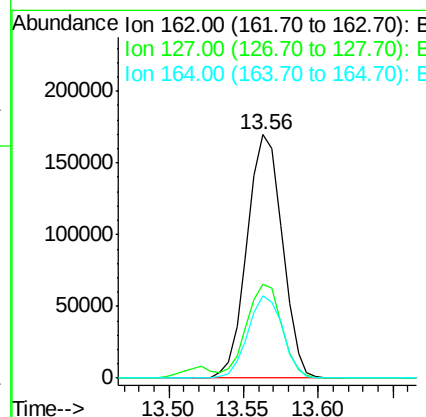
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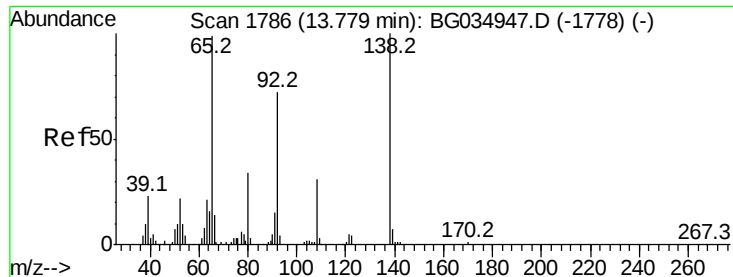
Sohil
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#46
 2-Chloronaphthalene
 Concen: 48.513 ng
 RT: 13.56 min Scan# 1749
 Delta R.T. -0.02 min
 Lab File: BG035565.D
 Acq: 3 Jul 2018 00:13

Tgt Ion:	162	Resp:	277182
Ion Ratio	Lower	Upper	
162	100		
127	38.5	30.7	46.1
164	33.6	26.0	39.0





#47

2-Nitroaniline

Concen: 57.554 ng

RT: 13.76 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BG035565.D

Acq: 3 Jul 2018 00:13

Instrument :

BNA_G

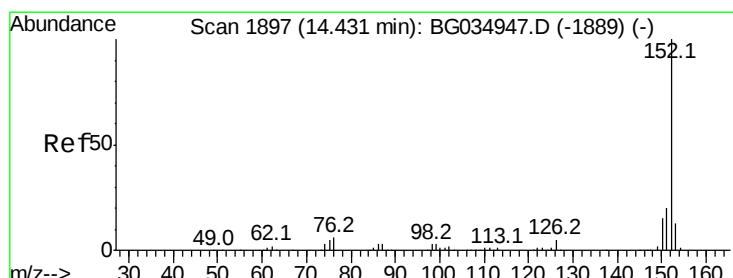
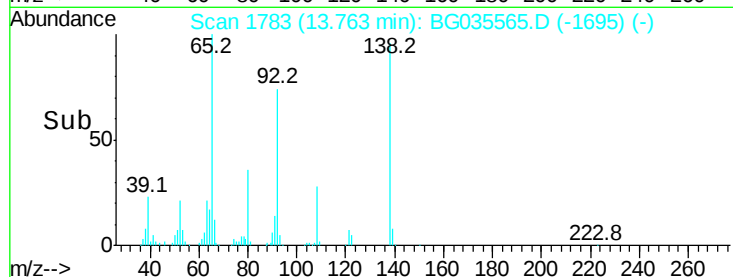
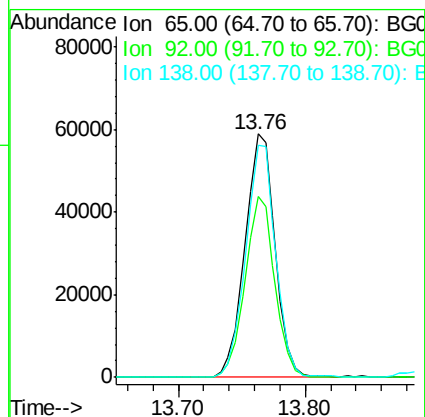
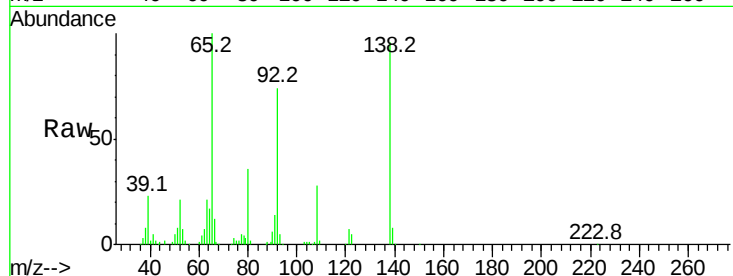
ClientSampleId :

PB110755BSD

Tot Ion:	65	Resp:	97105
Ion Ratio	Lower	Upper	
65	100		
92	74.3	54.6	82.0
138	95.5	72.9	109.3

Manual Integrations
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#48

Acenaphthylene

Concen: 49.469 ng

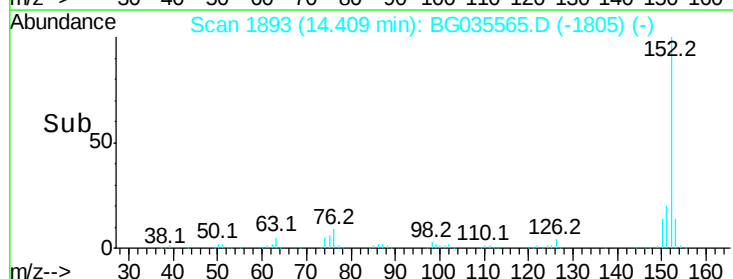
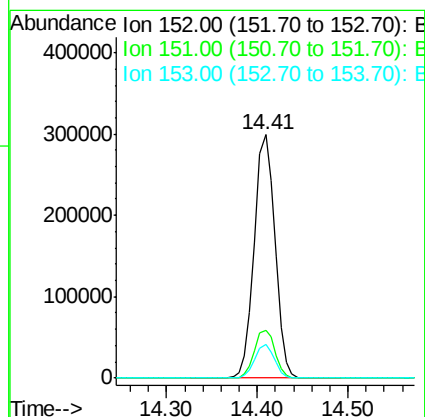
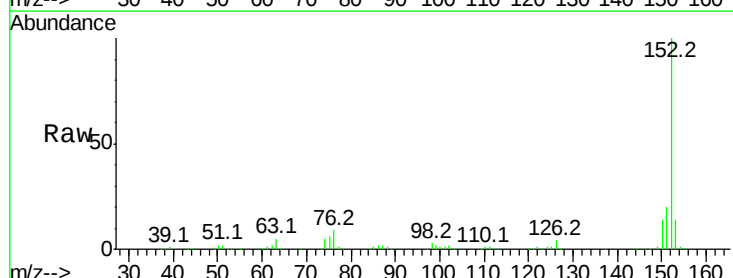
RT: 14.41 min Scan# 1893

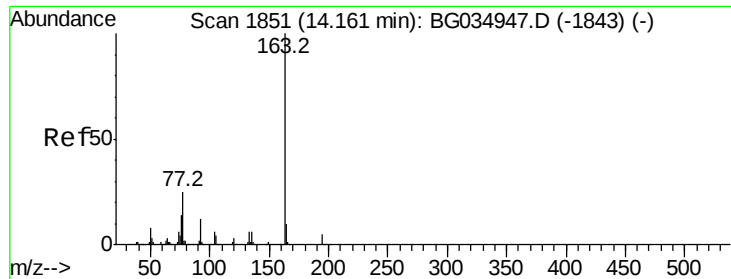
Delta R.T. -0.01 min

Lab File: BG035565.D

Acq: 3 Jul 2018 00:13

Tgt Ion:	152	Resp:	473938
Ion Ratio	Lower	Upper	
152	100		
151	19.7	17.2	25.8
153	13.7	10.2	15.4





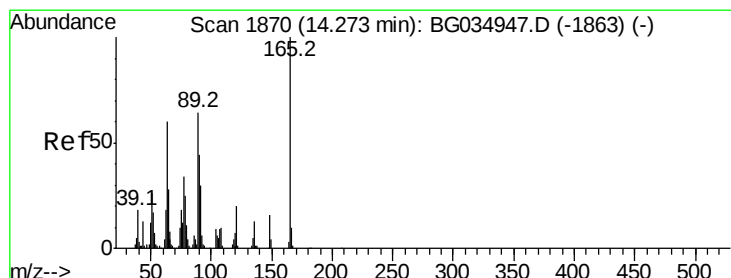
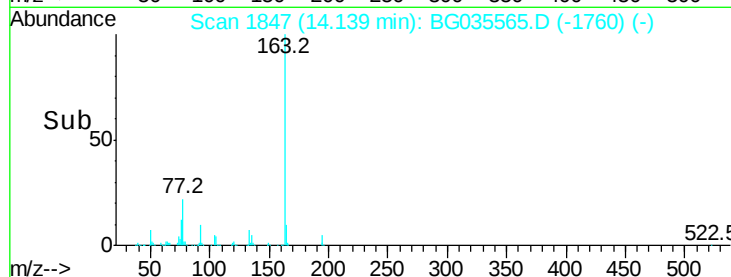
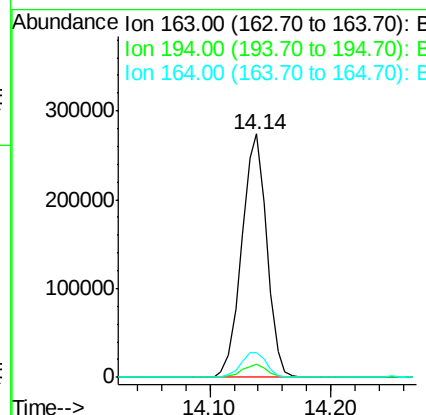
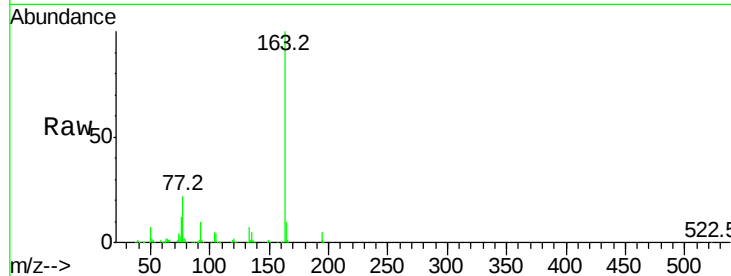
#49
Dimethylphthalate
Concen: 48.152 ng
RT: 14.14 min Scan# 1847
Delta R.T. -0.02 min
Lab File: BG035565.D
Acq: 3 Jul 2018 00:13

Instrument :
BNA_G
ClientSampleId :
PB110755BSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	5.2	3.4	5.2#	
164	10.0	8.2	12.4	

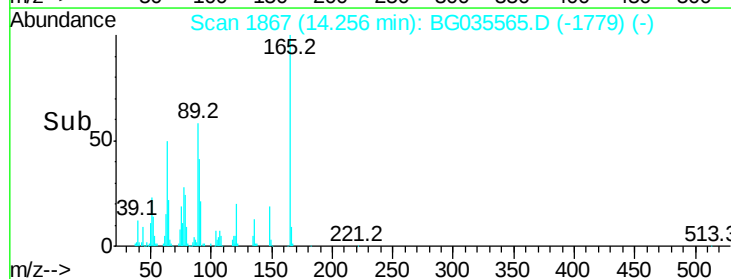
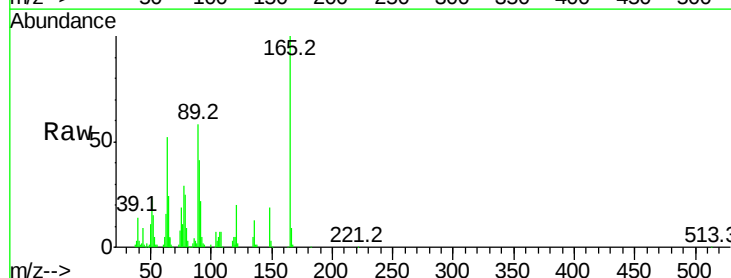
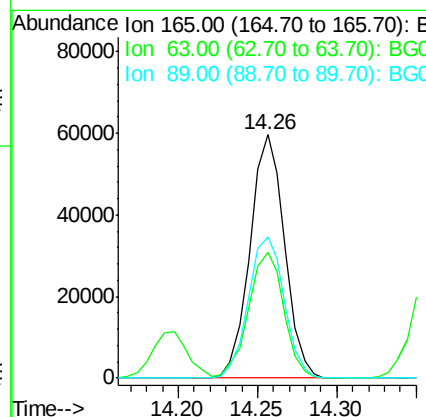
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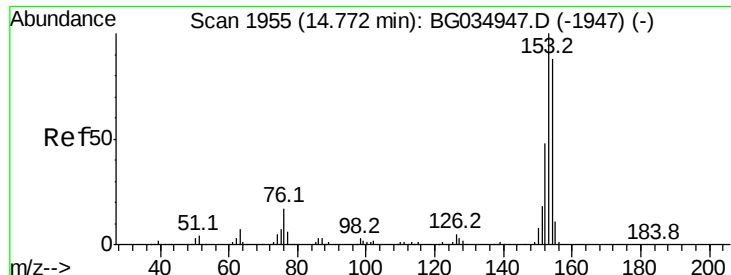
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#50
2,6-Dinitrotoluene
Concen: 60.244 ng
RT: 14.26 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BG035565.D
Acq: 3 Jul 2018 00:13

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	51.8	52.7	79.1#	
89	58.1	49.2	73.8	





#51

Acenaphthene

Concen: 44.646 ng

RT: 14.75 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BG035565.D

Acq: 3 Jul 2018 00:13

Instrument :

BNA_G

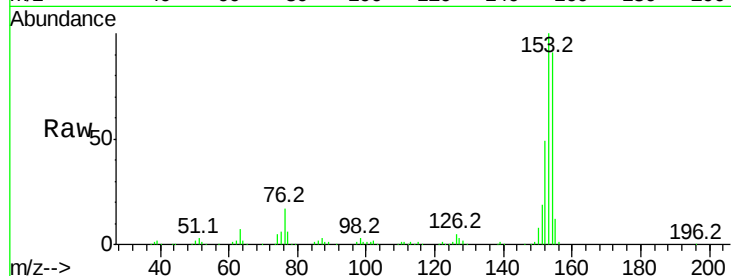
ClientSampleId :

PB110755BSD

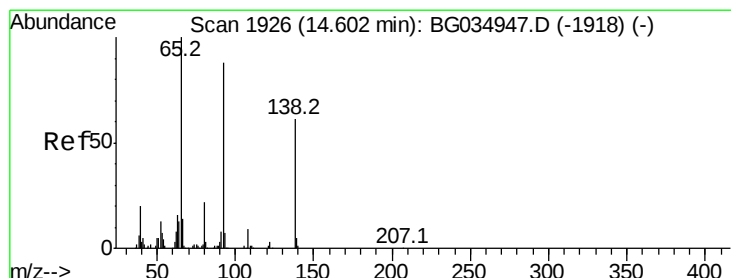
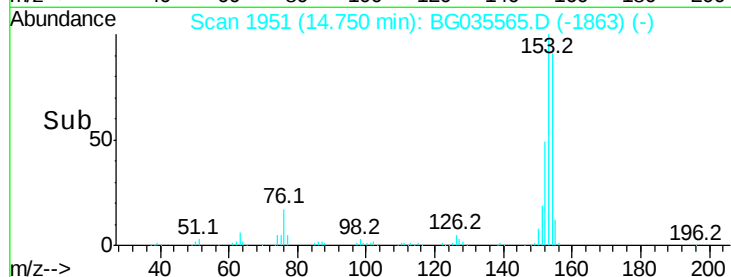
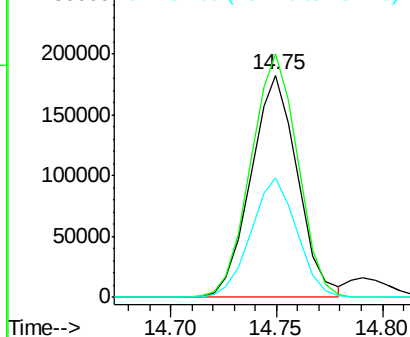
Tot Ion:	154	Resp:	279471
Ion Ratio	Lower	Upper	
154	100		
153	109.6	90.4	135.6
152	54.0	41.6	62.4

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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: 41.435 ng

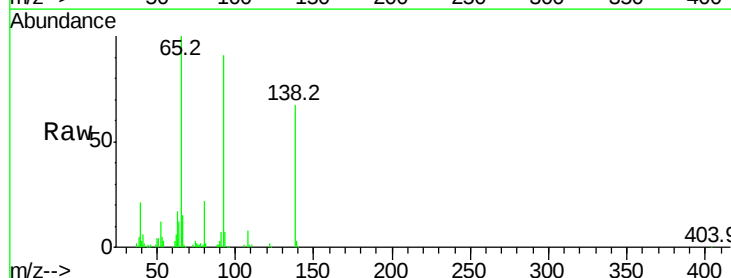
RT: 14.59 min Scan# 1923

Delta R.T. -0.01 min

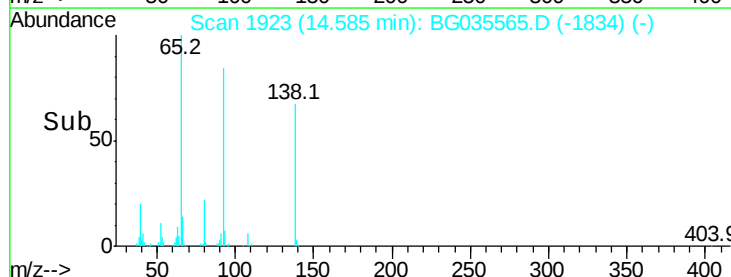
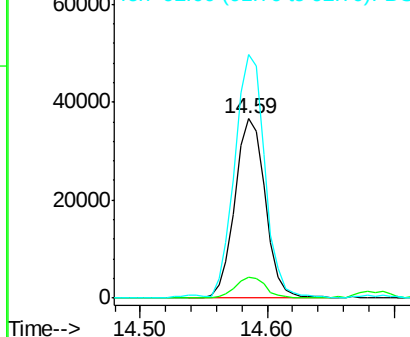
Lab File: BG035565.D

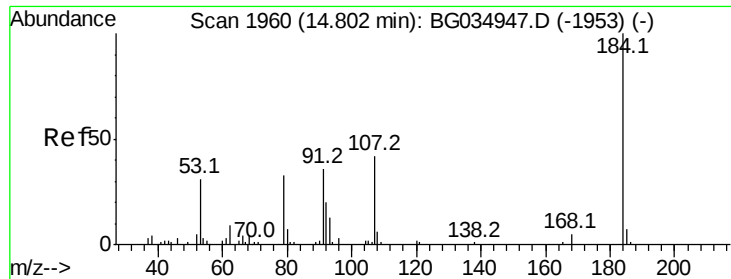
Acq: 3 Jul 2018 00:13

Tgt Ion:	138	Resp:	60790
Ion Ratio	Lower	Upper	
138	100		
108	11.4	17.5	26.3#
92	136.0	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): BGO





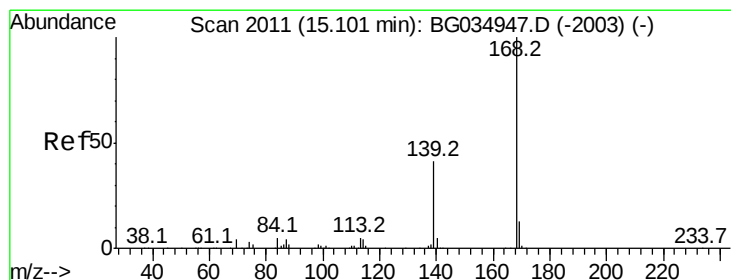
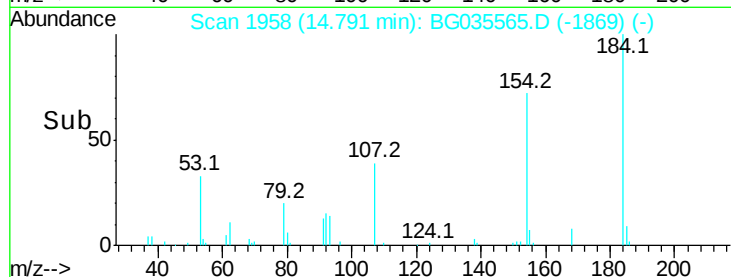
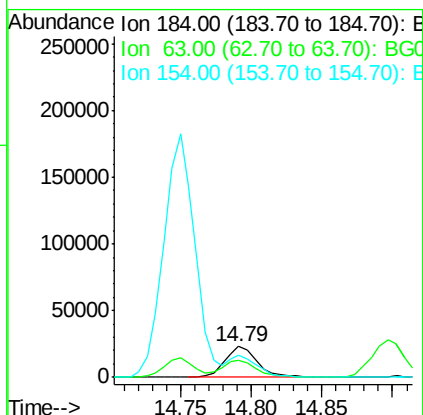
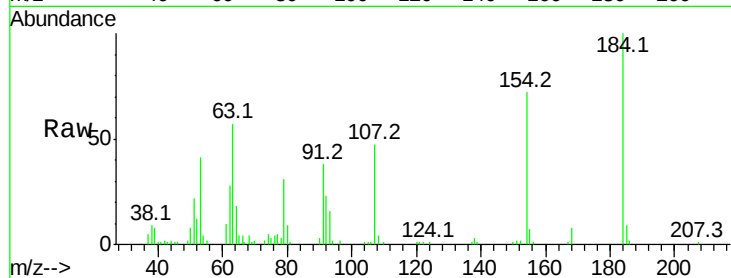
#53
2,4-Dinitrophenol
Concen: 61.315 ng
RT: 14.79 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BG035565.D
Acq: 3 Jul 2018 00:13

Instrument :
BNA_G
ClientSampleId :
PB110755BSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	57.4	59.8	89.8#
154	72.0	101.8	152.8#

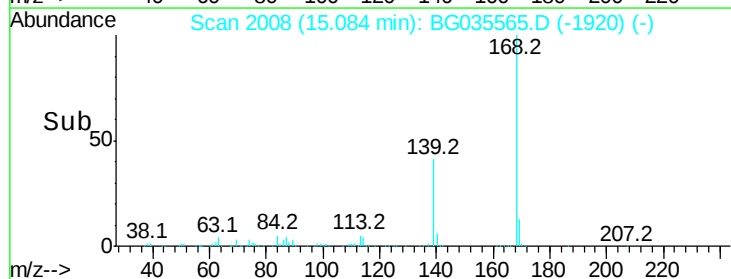
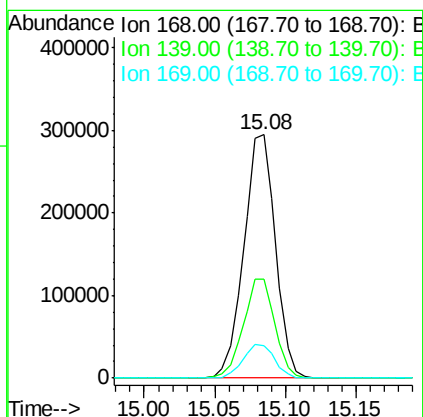
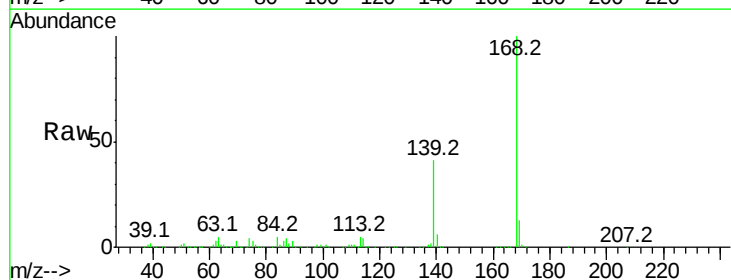
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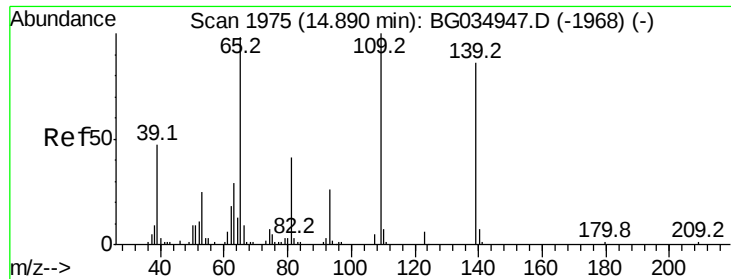
Sohil
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#54
Dibenzofuran
Concen: 49.197 ng
RT: 15.08 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BG035565.D
Acq: 3 Jul 2018 00:13

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.9	28.6	43.0
169	13.5	11.2	16.8





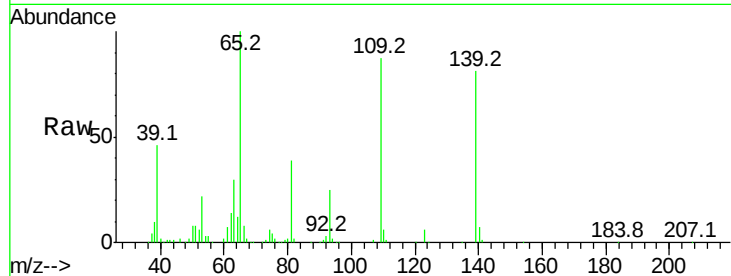
#55
4-Nitrophenol
Concen: 106.978 ng
RT: 14.90 min Scan# 1976
Delta R.T. 0.01 min
Lab File: BG035565.D
Acq: 3 Jul 2018 00:13

Instrument :
BNA_G
ClientSampleId :
PB110755BSD

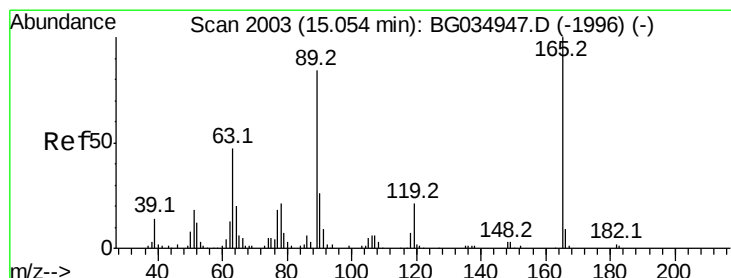
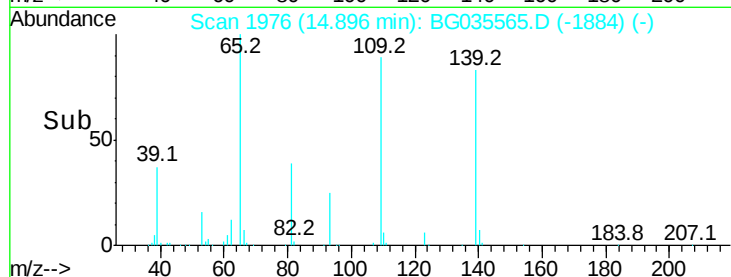
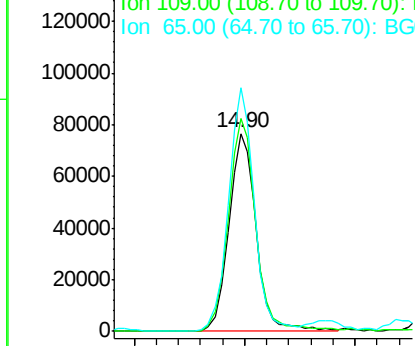
Tot Ion:139 Resp: 132460
Ion Ratio Lower Upper
139 100
109 107.7 62.2 102.2#
65 123.2 97.2 137.2

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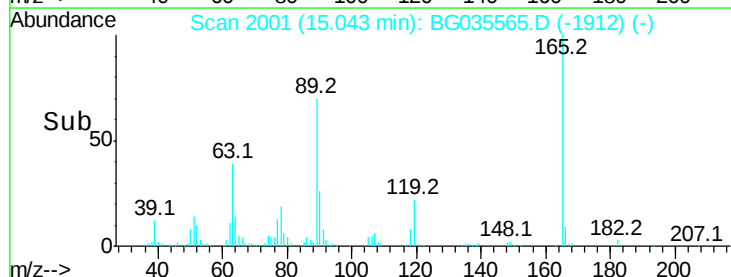
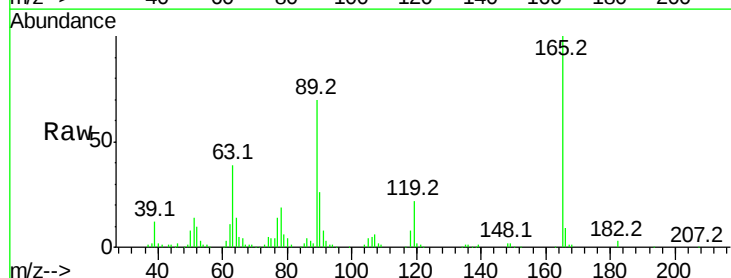
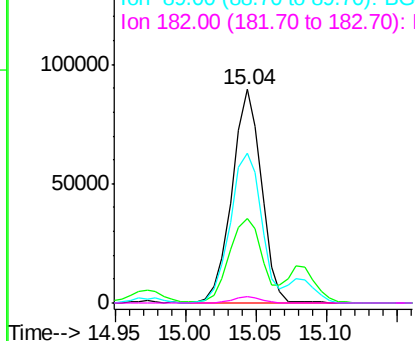
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

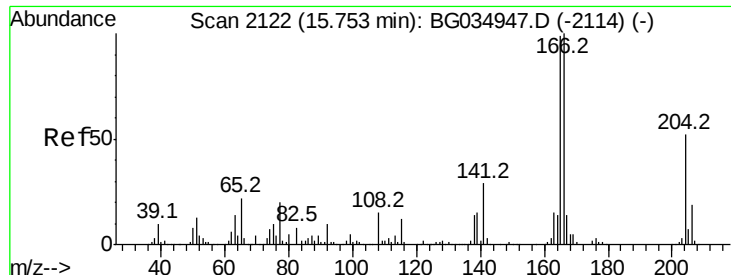


#56
2,4-Dinitrotoluene
Concen: 65.408 ng
RT: 15.04 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BG035565.D
Acq: 3 Jul 2018 00:13

Tgt Ion:165 Resp: 129909
Ion Ratio Lower Upper
165 100
63 39.3 42.0 63.0#
89 69.9 66.9 100.3
182 2.8 2.6 3.8

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 50.562 ng

RT: 15.73 min Scan# 2118

Delta R.T. -0.01 min

Lab File: BG035565.D

Acq: 3 Jul 2018 00:13

Instrument :

BNA_G

ClientSampleId :

PB110755BSD

Tot Ion:166 Resp: 396153

Ion Ratio Lower Upper

166 100

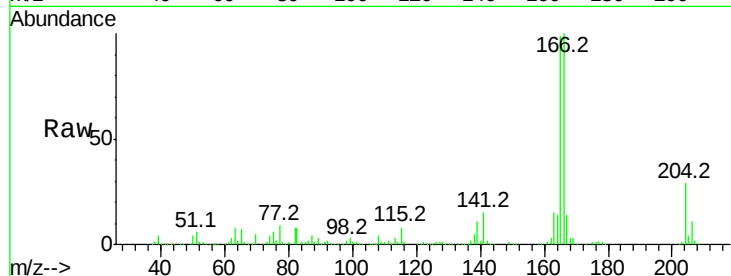
165 98.5 80.6 121.0

167 13.5 10.4 15.6

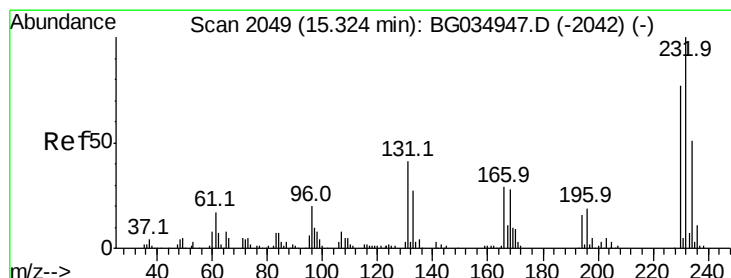
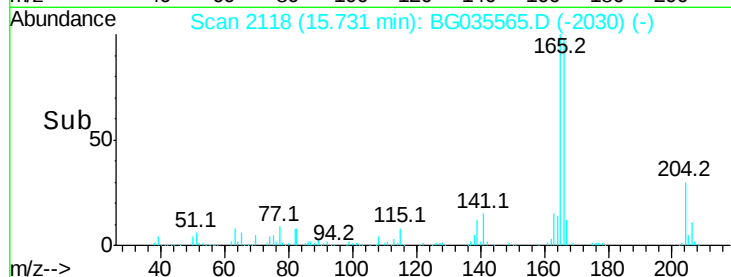
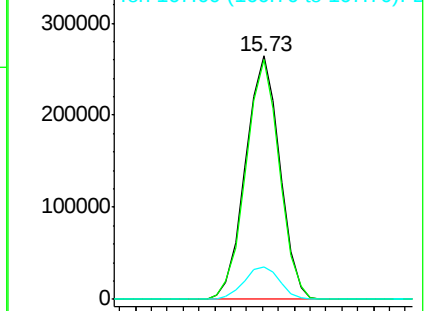
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 62.084 ng

RT: 15.31 min Scan# 2046

Delta R.T. -0.01 min

Lab File: BG035565.D

Acq: 3 Jul 2018 00:13

Tgt Ion:232 Resp: 138756

Ion Ratio Lower Upper

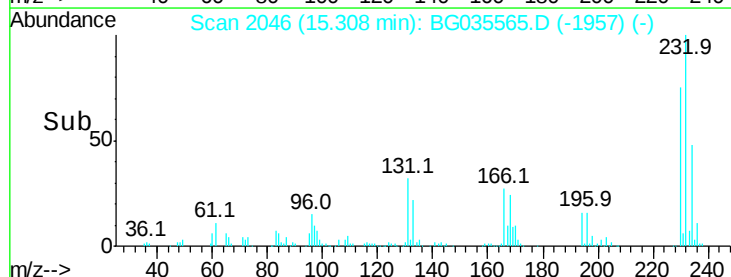
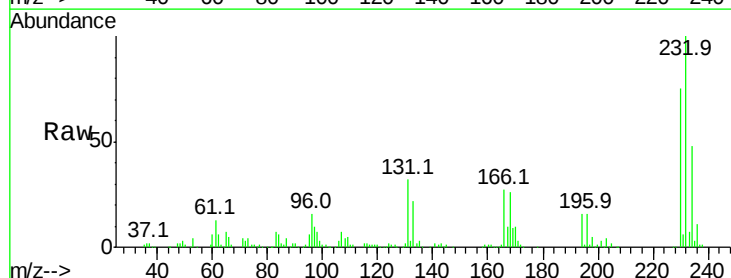
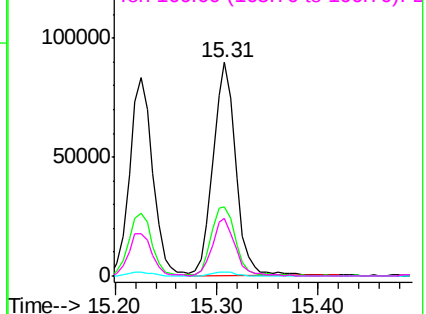
232 100

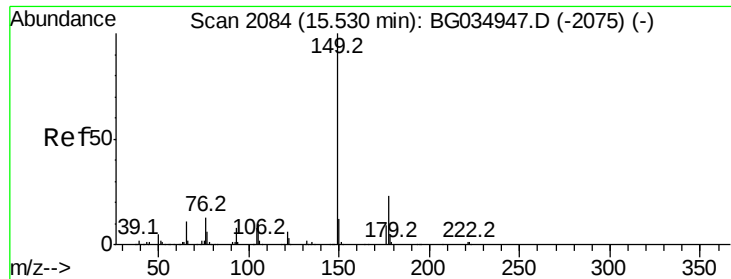
131 33.0 33.5 50.3#

130 2.0 2.2 3.2#

166 26.8 24.8 37.2

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





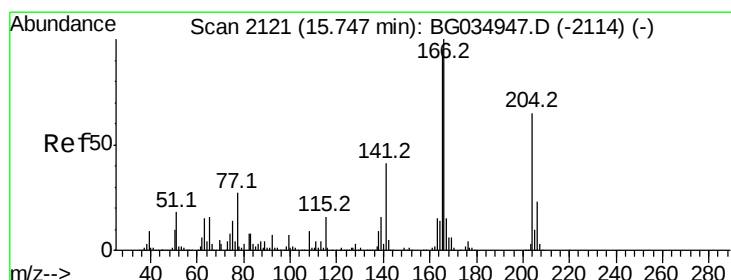
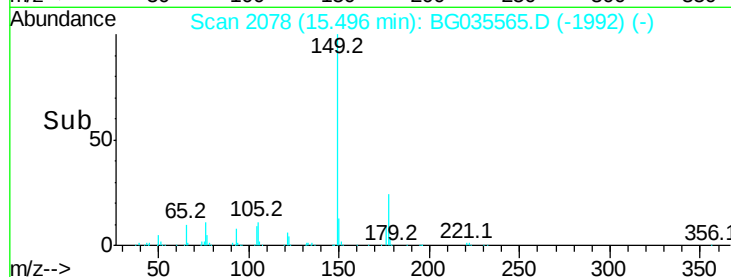
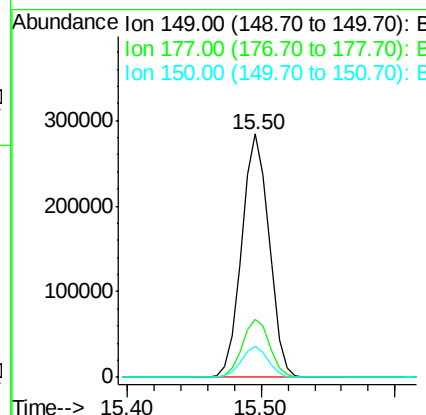
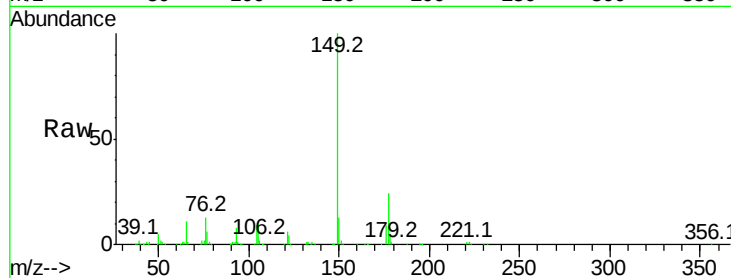
#59
Diethylphthalate
Concen: 48.106 ng
RT: 15.50 min Scan# 2078
Delta R.T. -0.02 min
Lab File: BG035565.D
Acq: 3 Jul 2018 00:13

Instrument :
BNA_G
ClientSampleId :
PB110755BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
177	23.8	18.5	27.7	
150	13.0	10.2	15.2	

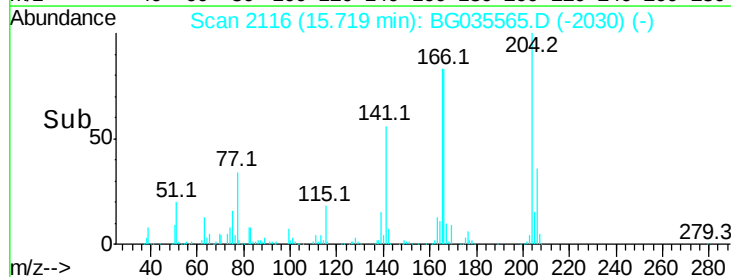
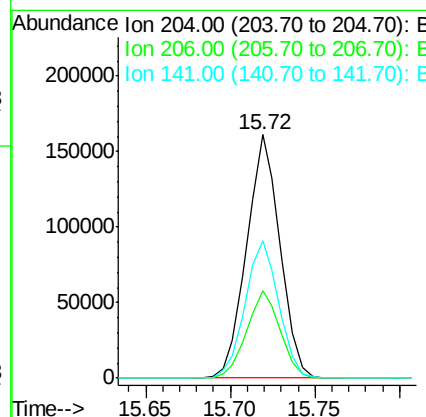
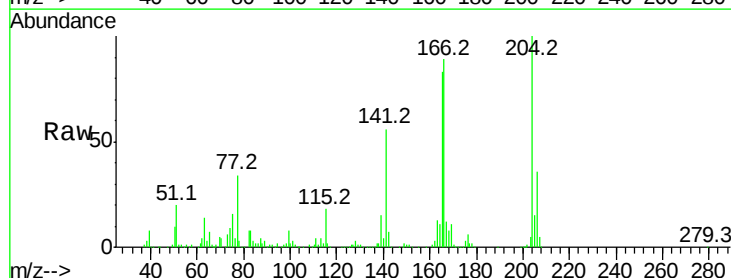
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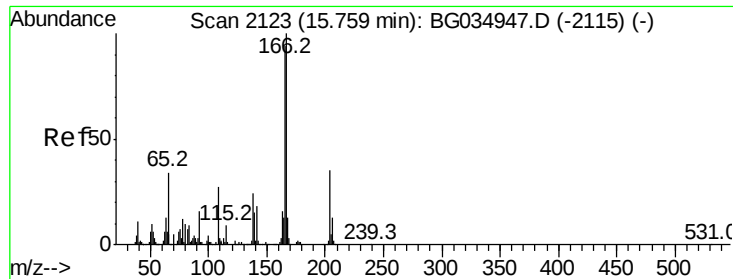
Sohil
7/3/2018 12:12:06 PM



#60
4-Chlorophenyl-phenylether
Concen: 49.388 ng
RT: 15.72 min Scan# 2116
Delta R.T. -0.02 min
Lab File: BG035565.D
Acq: 3 Jul 2018 00:13

Tgt Ion	Ratio	Resp	Lower	Upper
204	100			
206	35.7	26.2	39.2	
141	56.2	45.8	68.6	





#61

4-Nitroaniline

Concen: 58.800 ng

RT: 15.75 min Scan# 2122

Delta R.T. -0.01 min

Lab File: BG035565.D

Acq: 3 Jul 2018 00:13

Instrument :

BNA_G

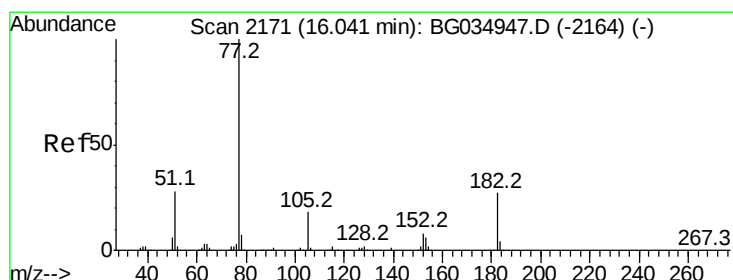
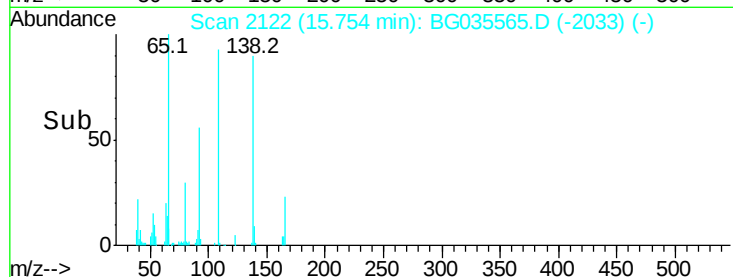
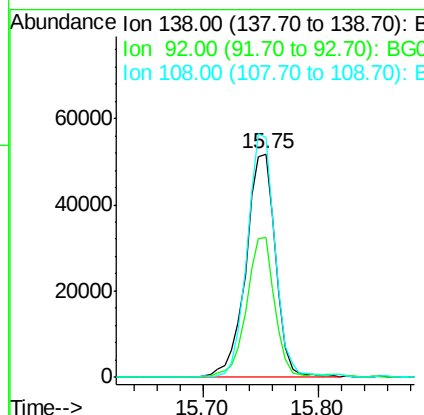
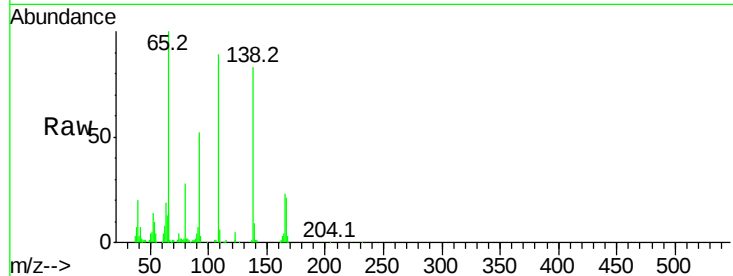
ClientSampleId :

PB110755BSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	62.4	40.1	80.1
108	107.3	65.4	105.4

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#62

Azobenzene

Concen: 48.108 ng

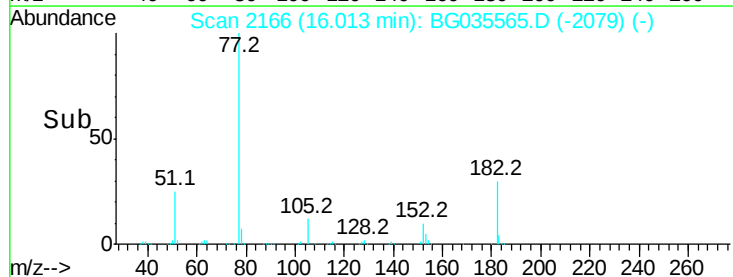
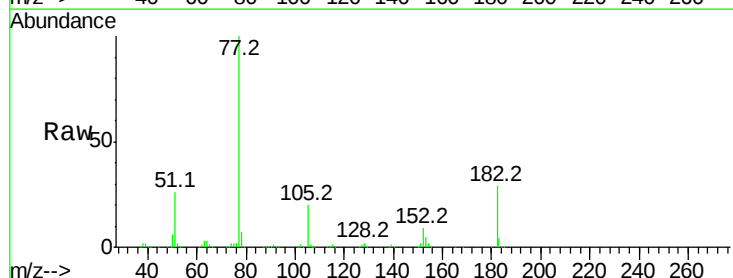
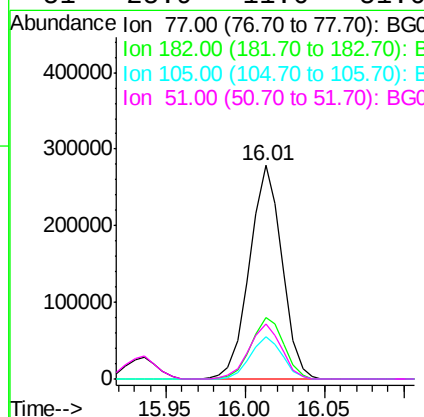
RT: 16.01 min Scan# 2166

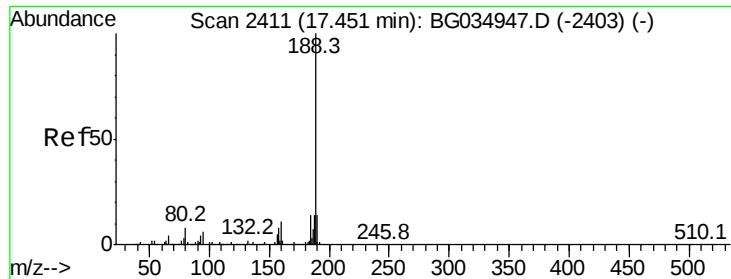
Delta R.T. -0.02 min

Lab File: BG035565.D

Acq: 3 Jul 2018 00:13

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.8	7.4	47.4
105	20.0	0.3	40.3
51	25.9	11.6	51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2407

Delta R.T. -0.01 min

Lab File: BG035565.D

Acq: 3 Jul 2018 00:13

Instrument :

BNA_G

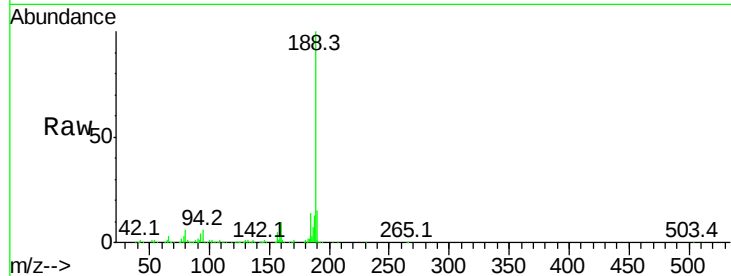
ClientSampleId :

PB110755BSD

Tot Ion:	188	Resp:	267127
Ion Ratio	Lower	Upper	
188	100		
94	5.6	6.9	10.3#
80	6.3	7.7	11.5#

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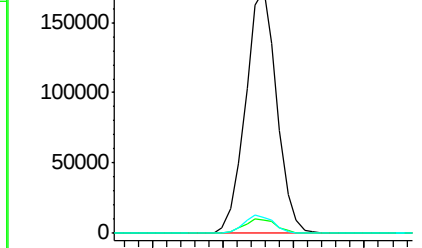
Sohil
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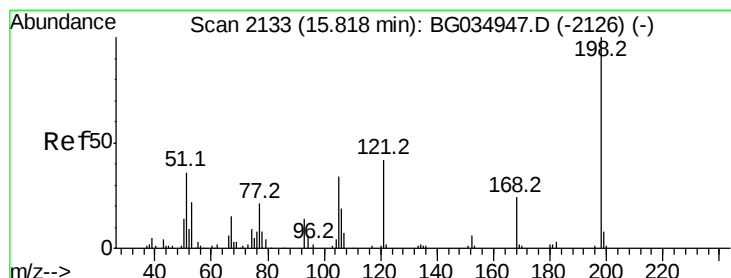
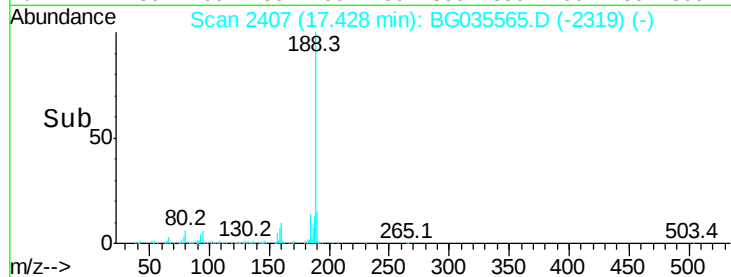
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 39.420 ng

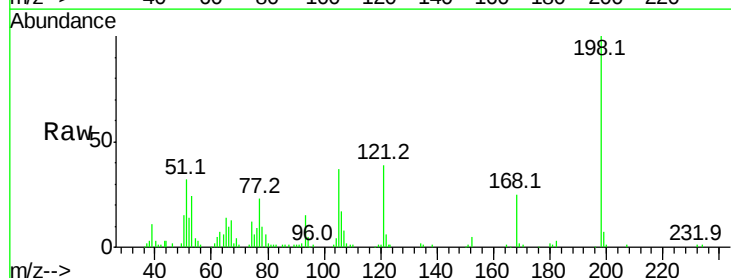
RT: 15.81 min Scan# 2131

Delta R.T. -0.01 min

Lab File: BG035565.D

Acq: 3 Jul 2018 00:13

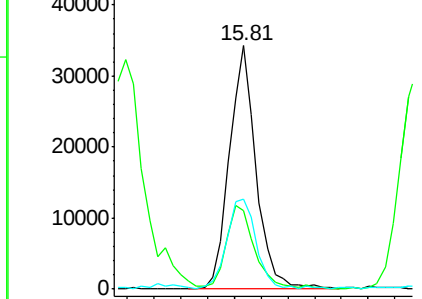
Tgt Ion:	198	Resp:	48077
Ion Ratio	Lower	Upper	
198	100		
51	32.1	30.6	70.6
105	36.9	23.8	63.8



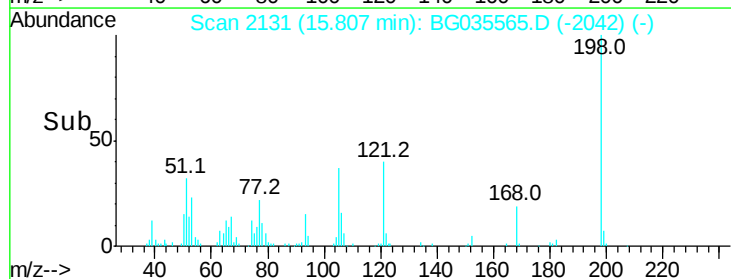
Abundance Ion 198.00 (197.70 to 198.70): E

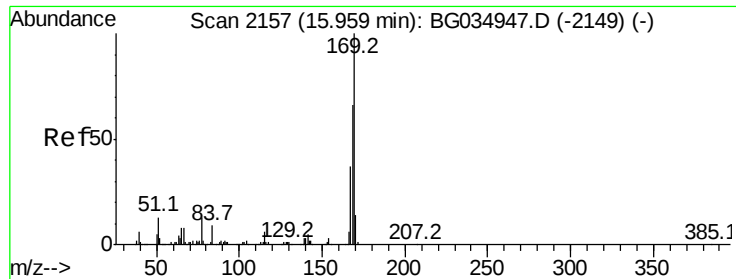
Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E



Time-->





#65

n-Nitrosodiphenylamine

Concen: 44.773 ng

RT: 15.94 min Scan# 2153

Delta R.T. -0.01 min

Lab File: BG035565.D

Acq: 3 Jul 2018 00:13

Instrument :

BNA_G

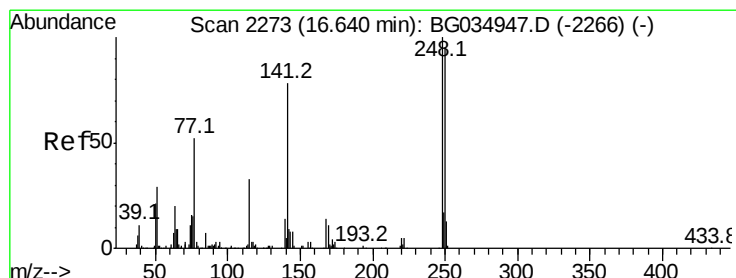
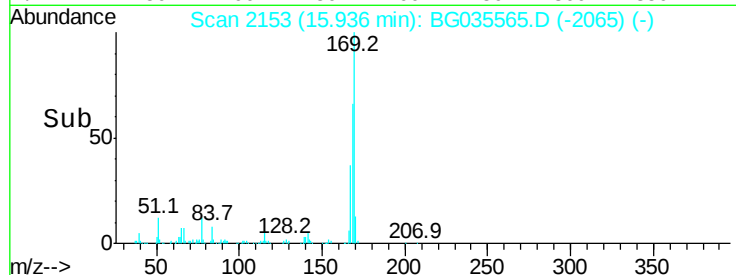
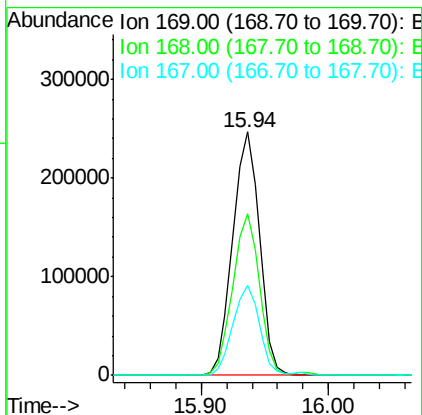
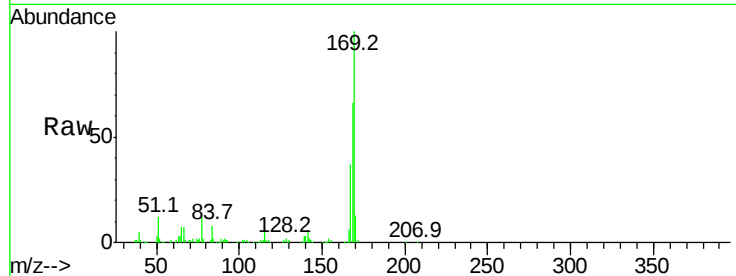
ClientSampleId :

PB110755BSD

Tot Ion:	169	Resp:	359171
Ion Ratio	Lower	Upper	
169	100		
168	66.5	55.7	83.5
167	37.1	30.1	45.1

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#66

4-Bromophenyl-phenylether

Concen: 50.260 ng

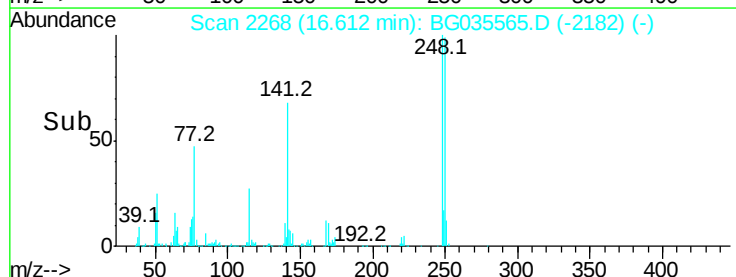
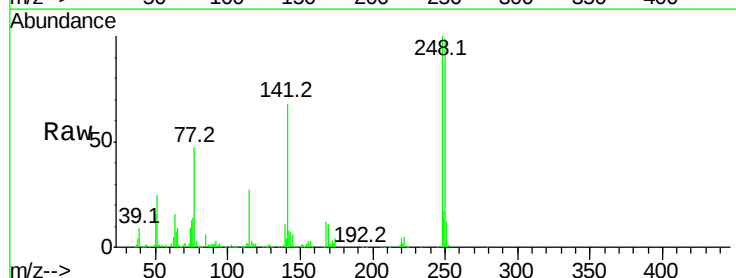
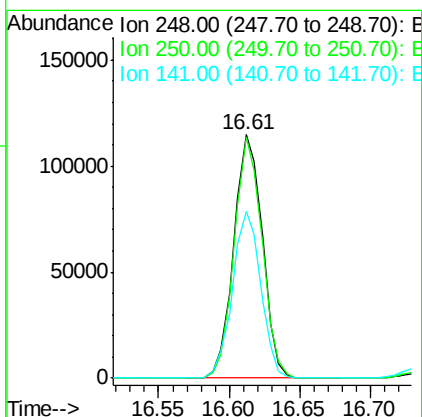
RT: 16.61 min Scan# 2268

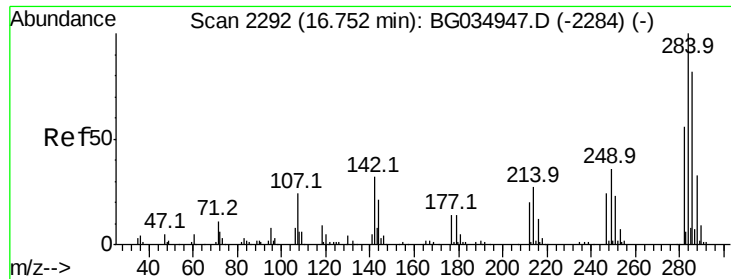
Delta R.T. -0.02 min

Lab File: BG035565.D

Acq: 3 Jul 2018 00:13

Tgt Ion:	248	Resp:	161680
Ion Ratio	Lower	Upper	
248	100		
250	98.8	77.1	115.7
141	68.3	50.8	76.2





#67

Hexachlorobenzene

Concen: 50.664 ng

RT: 16.74 min Scan# 2289

Delta R.T. -0.01 min

Lab File: BG035565.D

Acq: 3 Jul 2018 00:13

Instrument :

BNA_G

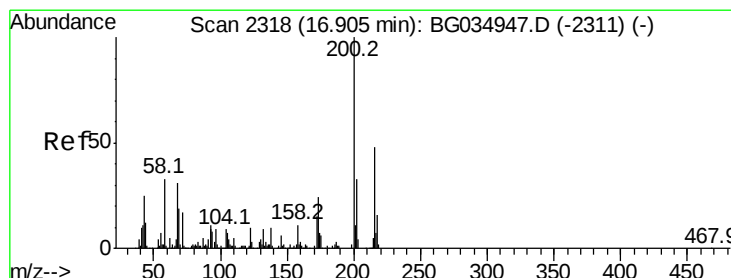
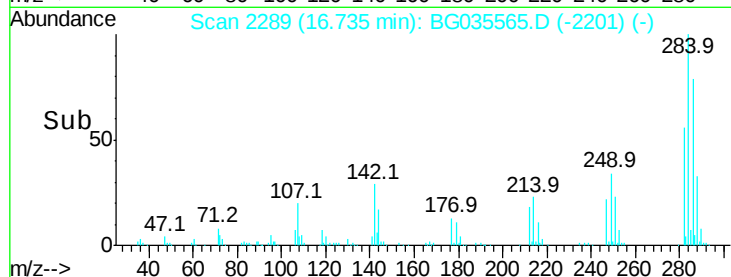
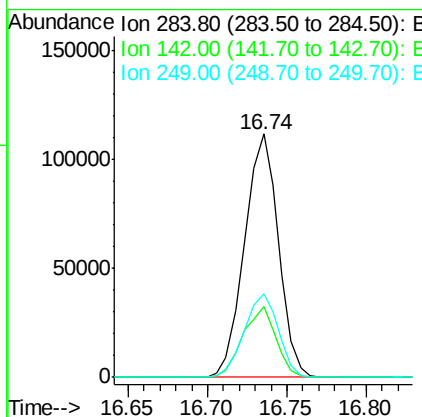
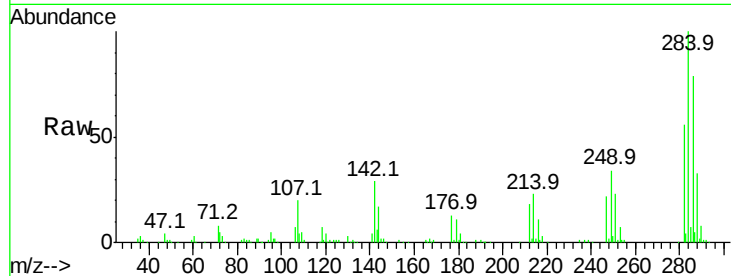
ClientSampleId :

PB110755BSD

Tot Ion:	284	Resp:	165884
Ion Ratio		Lower	Upper
284	100		
142	29.1	26.8	40.2
249	34.2	26.3	39.5

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#68

Atrazine

Concen: 48.516 ng

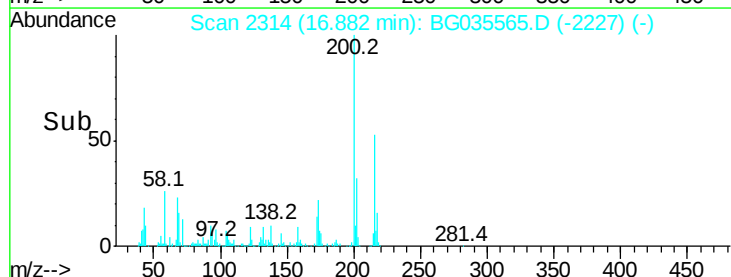
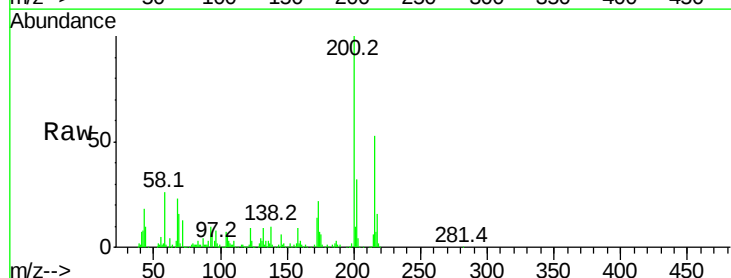
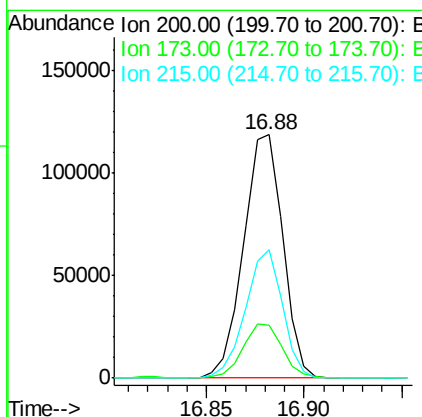
RT: 16.88 min Scan# 2314

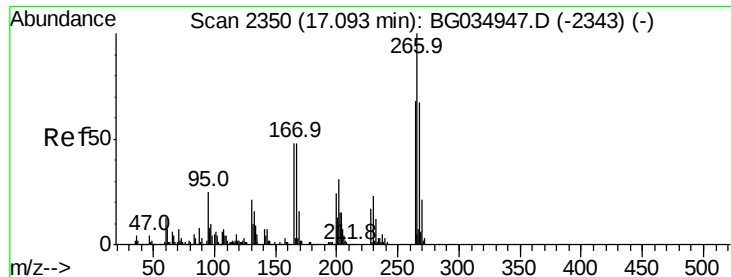
Delta R.T. -0.02 min

Lab File: BG035565.D

Acq: 3 Jul 2018 00:13

Tgt Ion:	200	Resp:	165973
Ion Ratio		Lower	Upper
200	100		
173	21.7	5.2	45.2
215	52.9	30.4	70.4





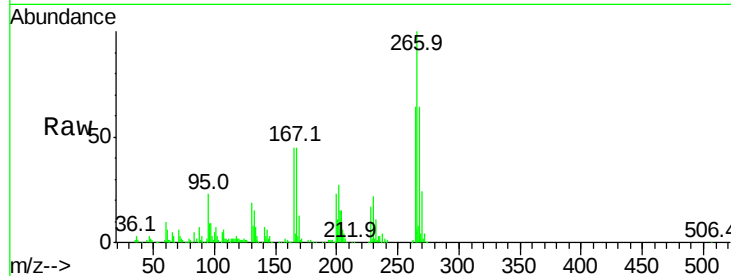
#69
 Pentachlorophenol
 Concen: 71.070 ng
 RT: 17.08 min Scan# 2347
 Delta R.T. -0.01 min
 Lab File: BG035565.D
 Acq: 3 Jul 2018 00:13

Instrument :
 BNA_G
 ClientSampleId :
 PB110755BSD

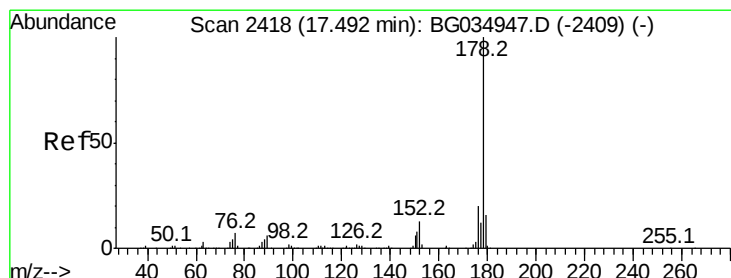
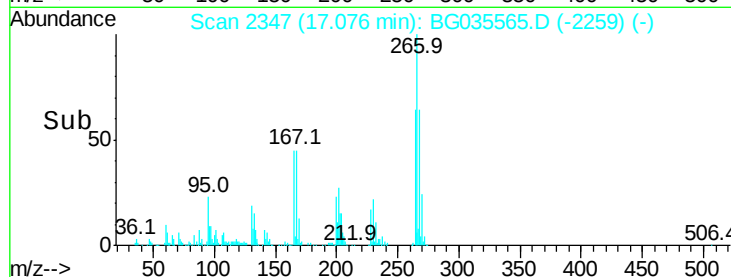
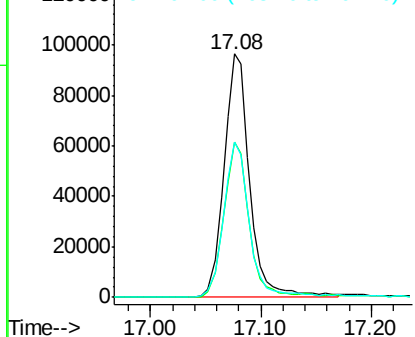
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.8	51.1	76.7
264	63.6	49.6	74.4

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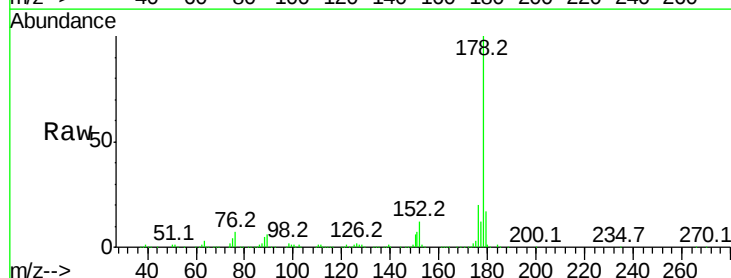


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

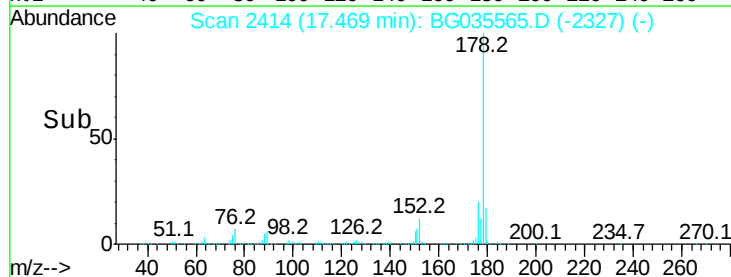
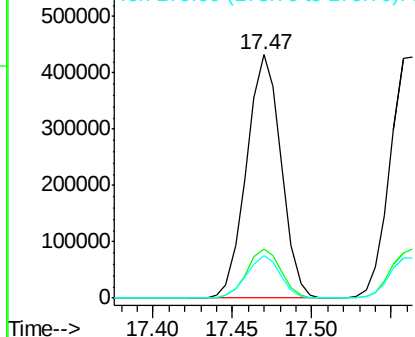


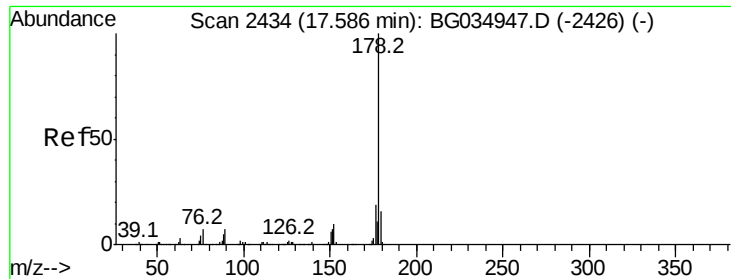
#70
 Phenanthrene
 Concen: 48.196 ng
 RT: 17.47 min Scan# 2414
 Delta R.T. -0.02 min
 Lab File: BG035565.D
 Acq: 3 Jul 2018 00:13

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.7	23.5
179	17.3	12.5	18.7



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





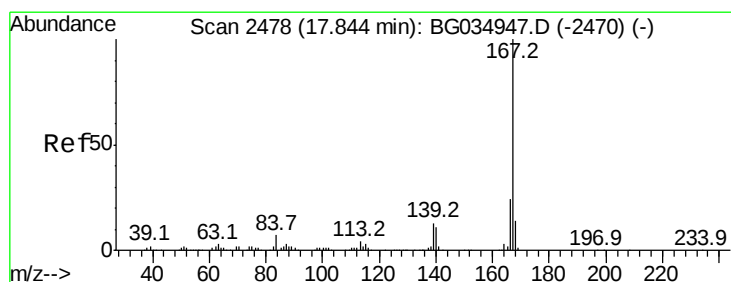
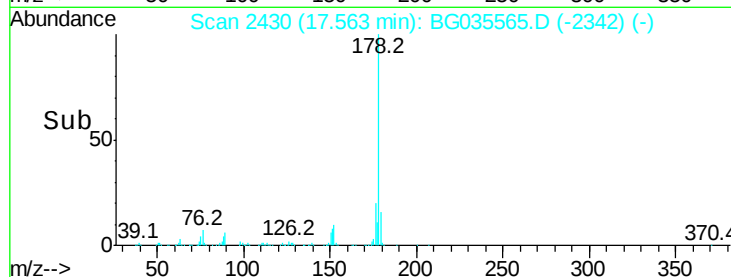
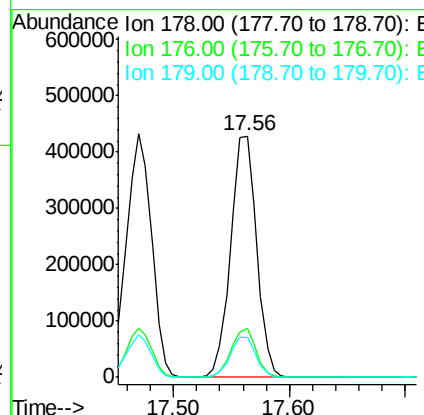
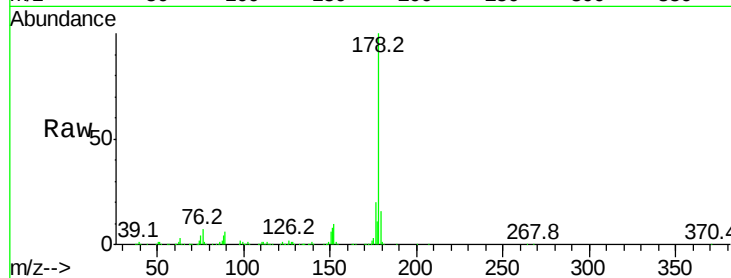
#71
 Anthracene
 Concen: 49.124 ng
 RT: 17.56 min Scan# 2430
 Delta R.T. -0.01 min
 Lab File: BG035565.D
 Acq: 3 Jul 2018 00:13

Instrument :
 BNA_G
 ClientSampleId :
 PB110755BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.0	24.0
179	16.4	12.5	18.7

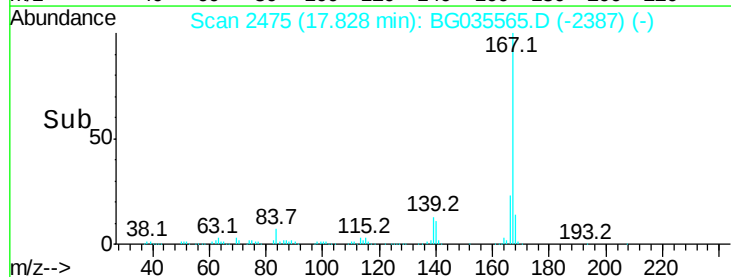
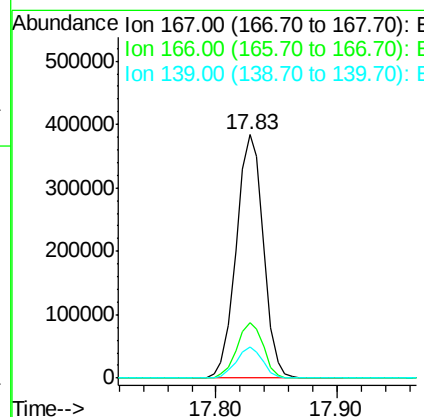
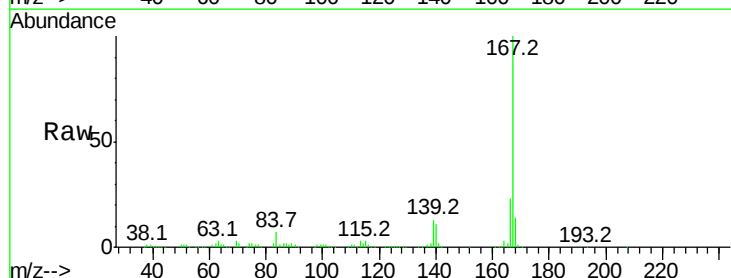
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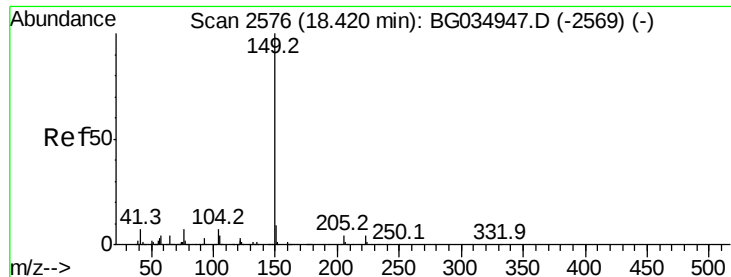
Sohil
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#72
 Carbazole
 Concen: 47.577 ng
 RT: 17.83 min Scan# 2475
 Delta R.T. -0.01 min
 Lab File: BG035565.D
 Acq: 3 Jul 2018 00:13

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.0	18.2	27.4
139	12.8	9.4	14.2





#73

Di-n-butylphthalate

Concen: 45.044 ng

RT: 18.38 min Scan# 2569

Delta R.T. -0.03 min

Lab File: BG035565.D

Acq: 3 Jul 2018 00:13

Instrument :

BNA_G

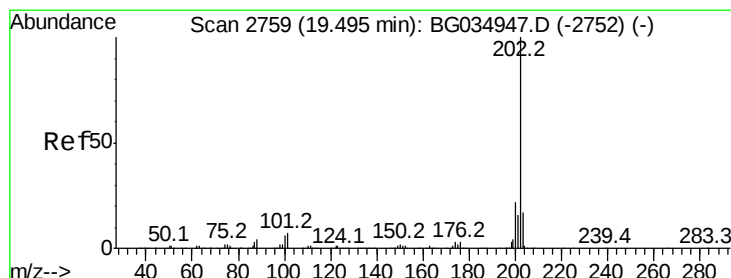
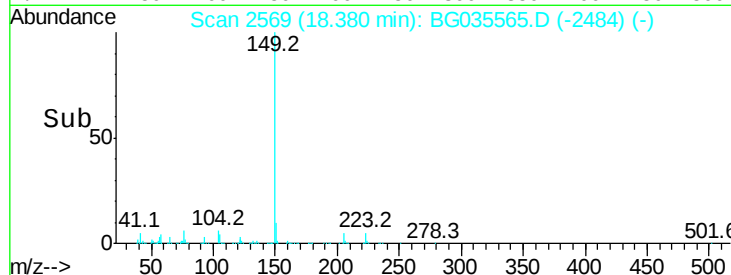
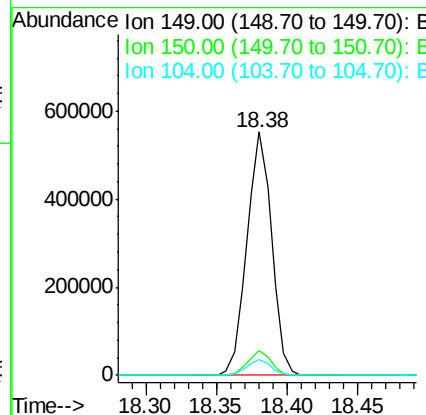
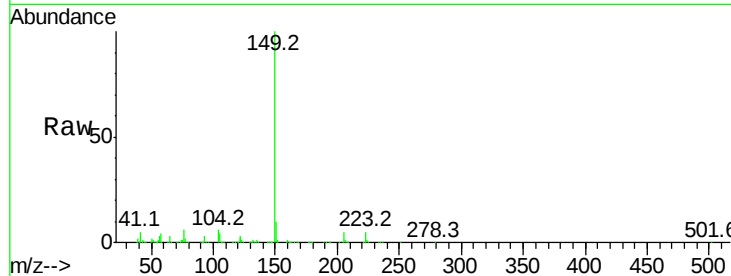
ClientSampleId :

PB110755BSD

Tot Ion:	149	Resp:	677086
Ion Ratio	Lower	Upper	
149	100		
150	10.0	7.8	11.6
104	6.3	3.9	5.9

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#74

Fluoranthene

Concen: 48.210 ng

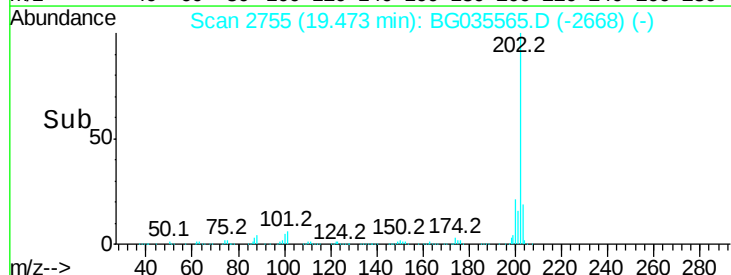
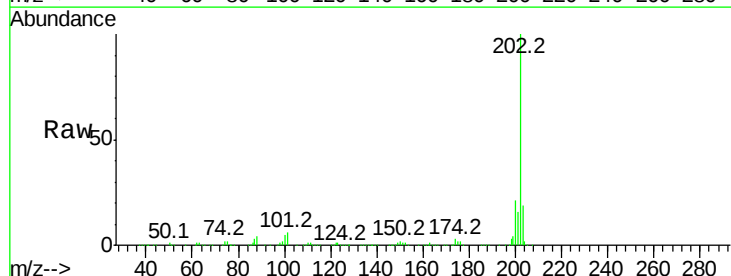
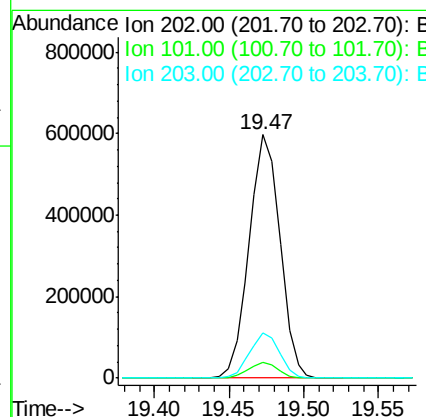
RT: 19.47 min Scan# 2755

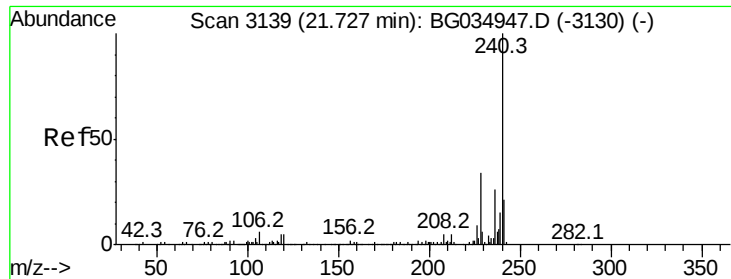
Delta R.T. -0.02 min

Lab File: BG035565.D

Acq: 3 Jul 2018 00:13

Tgt Ion:	202	Resp:	851262
Ion Ratio	Lower	Upper	
202	100		
101	6.4	0.0	28.9
203	18.8	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3133

Delta R.T. -0.02 min

Lab File: BG035565.D

Acq: 3 Jul 2018 00:13

Instrument :

BNA_G

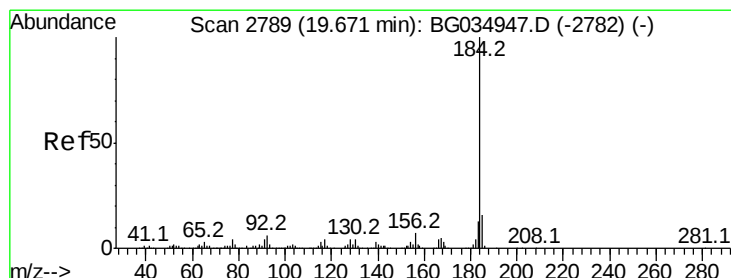
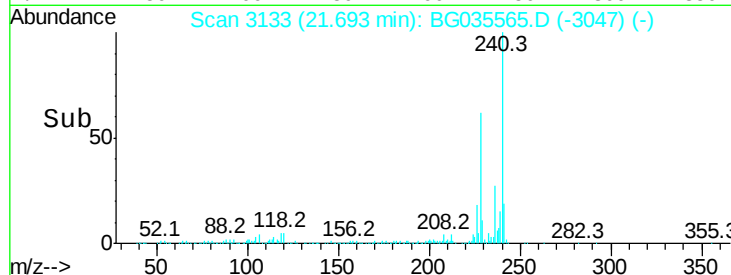
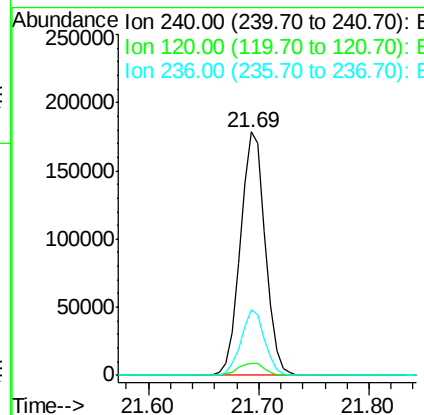
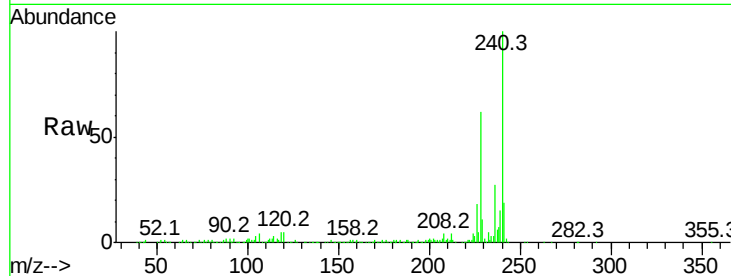
ClientSampleId :

PB110755BSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	5.0	6.8	10.2#
236	27.1	20.9	31.3

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#76

Benzidine

Concen: 34.791 ng

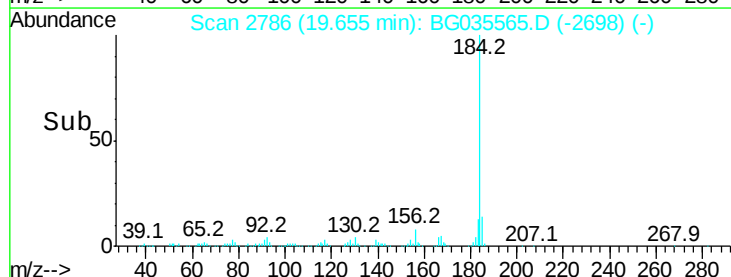
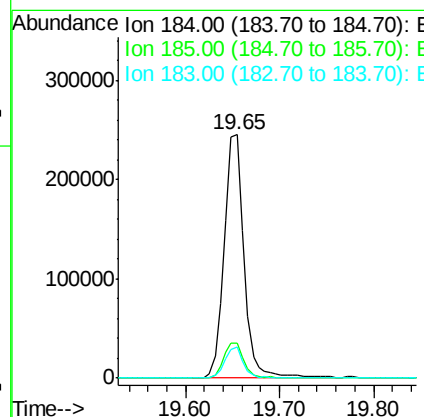
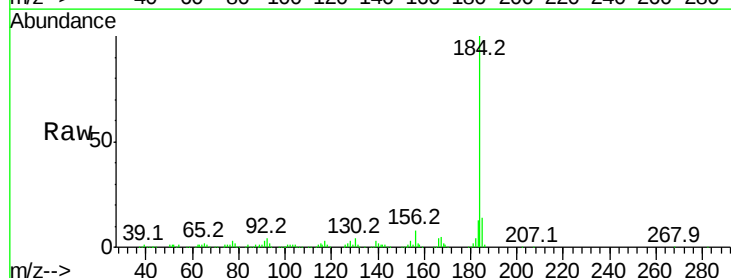
RT: 19.65 min Scan# 2786

Delta R.T. -0.01 min

Lab File: BG035565.D

Acq: 3 Jul 2018 00:13

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.1	16.7
183	13.0	10.6	16.0





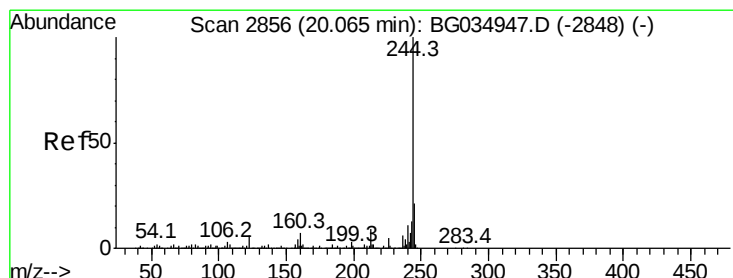
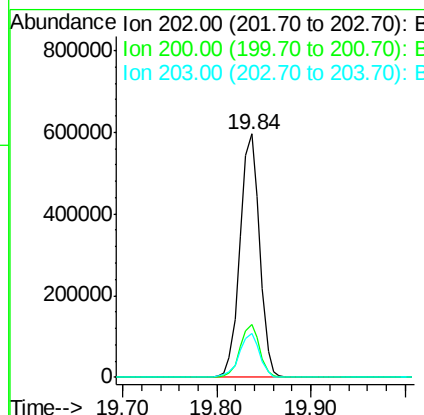
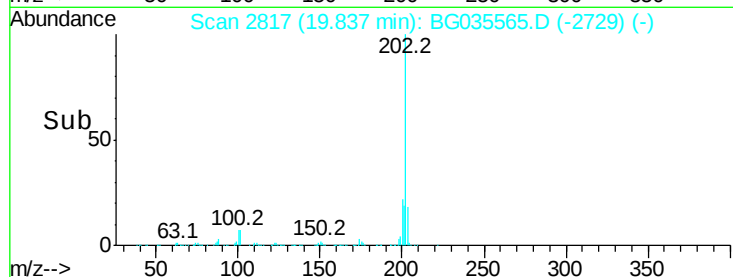
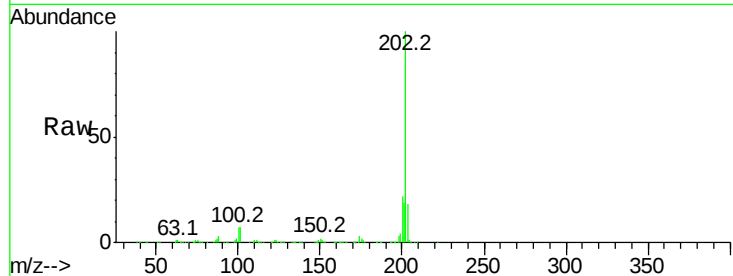
#77
Pvrene
Concen: 46.391 ng
RT: 19.84 min Scan# 2817
Delta R.T. -0.01 min
Lab File: BG035565.D
Acq: 3 Jul 2018 00:13

Instrument :
BNA_G
ClientSampleId :
PB110755BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.7	16.9	25.3
203	18.0	13.9	20.9

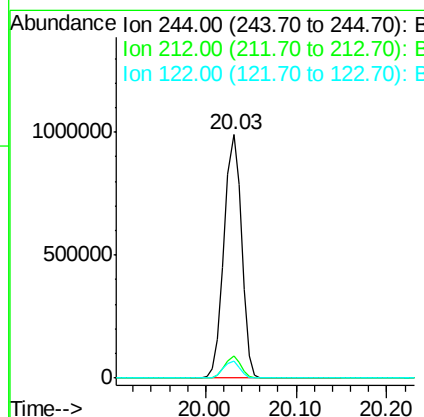
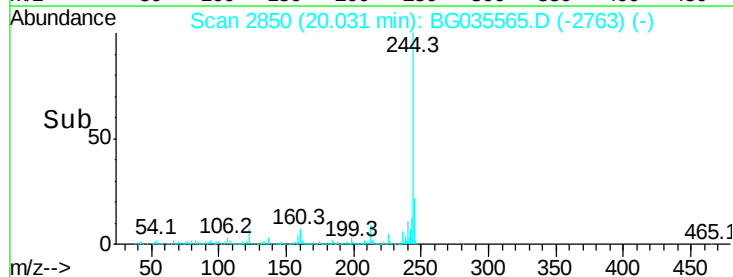
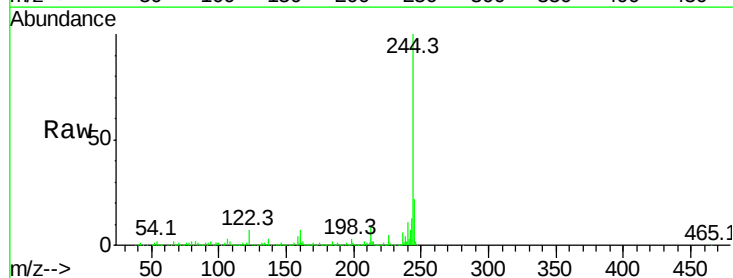
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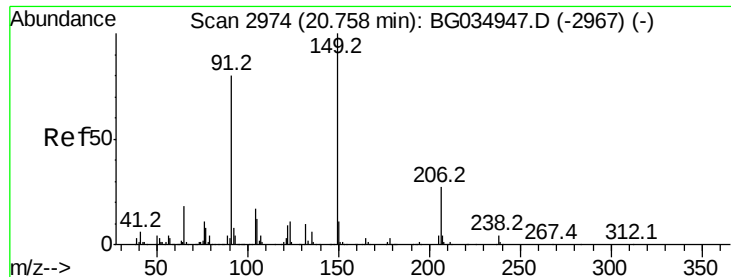
Sohil
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#78
Terphenyl-d14
Concen: 98.293 ng
RT: 20.03 min Scan# 2850
Delta R.T. -0.02 min
Lab File: BG035565.D
Acq: 3 Jul 2018 00:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	9.1	5.8	8.8#
122	6.9	7.0	10.4#





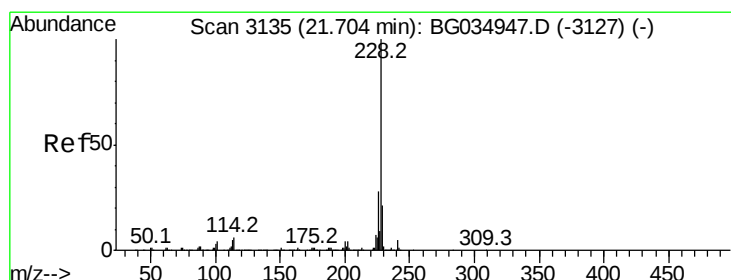
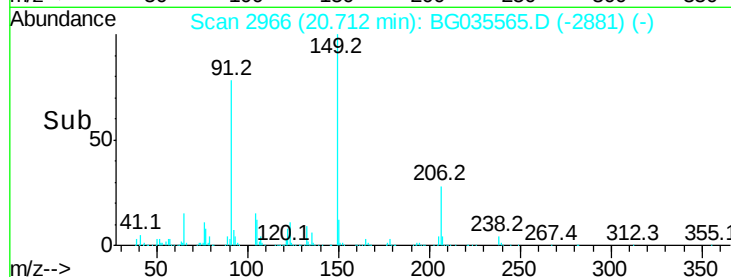
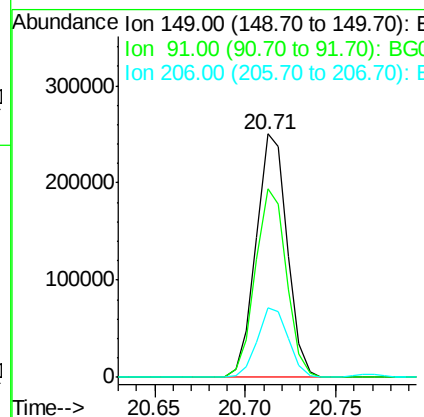
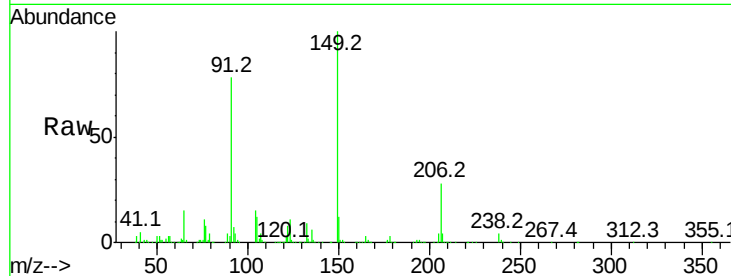
#79
Butylbenzylphthalate
Concen: 44.830 ng
RT: 20.71 min Scan# 2966
Delta R.T. -0.03 min
Lab File: BG035565.D
Acq: 3 Jul 2018 00:13

Instrument :
BNA_G
ClientSampleId :
PB110755BSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	77.6	62.2	93.2
206	28.4	18.6	27.8

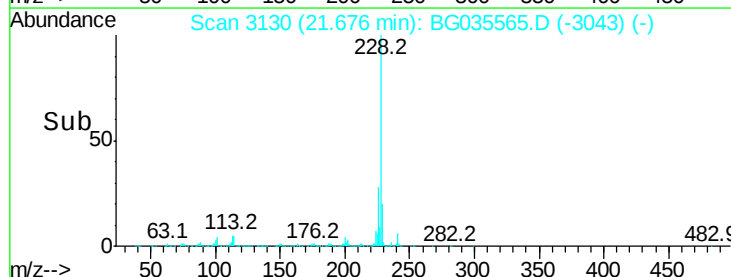
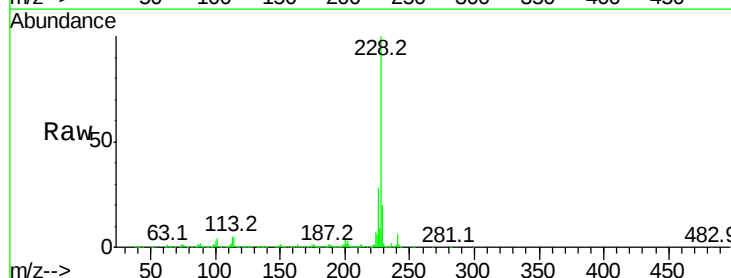
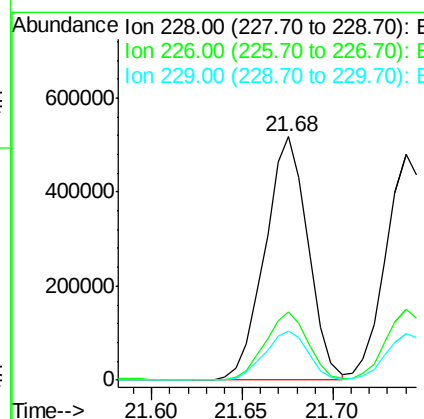
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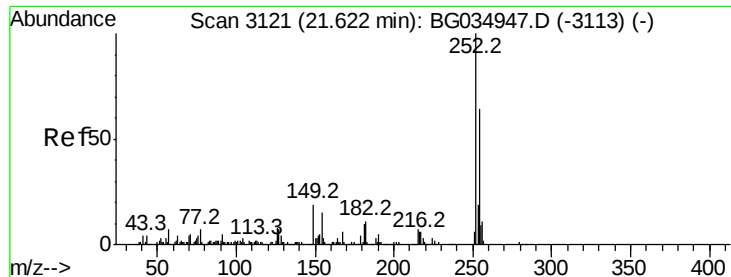
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#80
Benzo(a)anthracene
Concen: 47.690 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.02 min
Lab File: BG035565.D
Acq: 3 Jul 2018 00:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.7	34.1
229	20.2	16.2	24.2





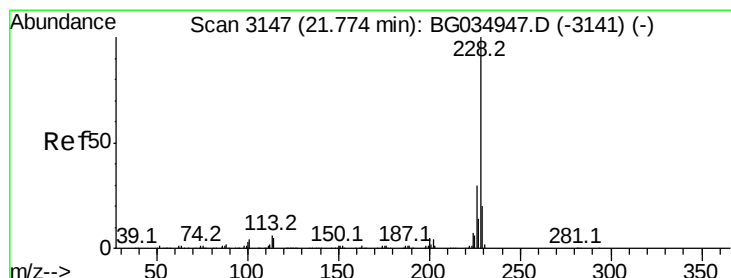
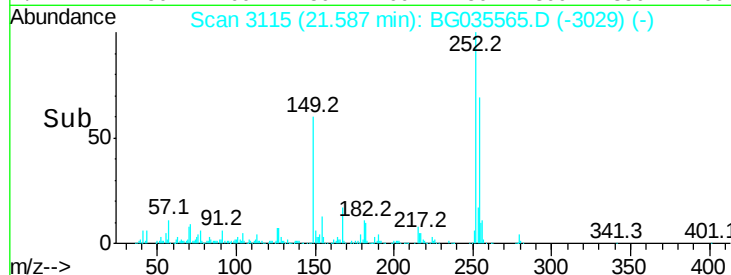
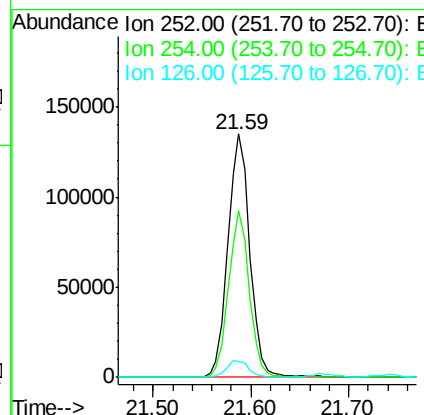
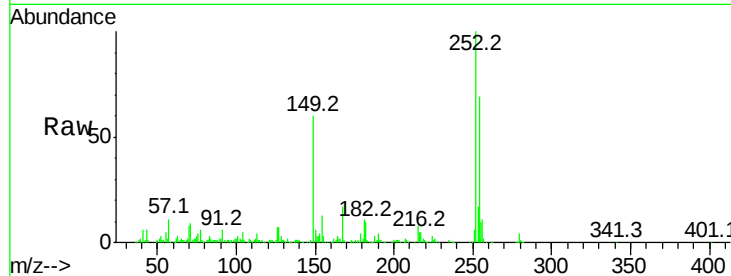
#81
 3,3'-Dichlorobenzidine
 Concen: 31.083 ng
 RT: 21.59 min Scan# 3115
 Delta R.T. -0.02 min
 Lab File: BG035565.D
 Acq: 3 Jul 2018 00:13

Instrument :
 BNA_G
 ClientSampleId :
 PB110755BSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	210067		
254	68.7	50.8	76.2	
126	6.7	7.4	11.2#	

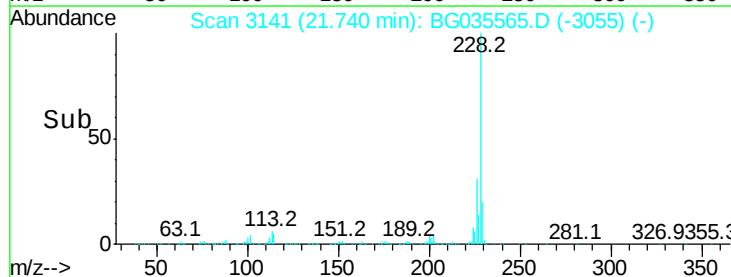
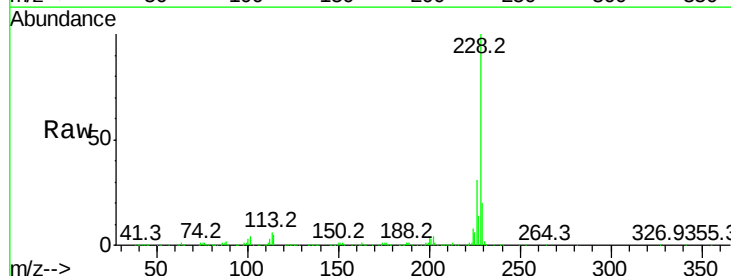
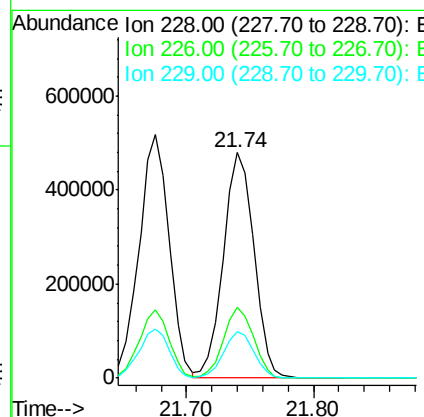
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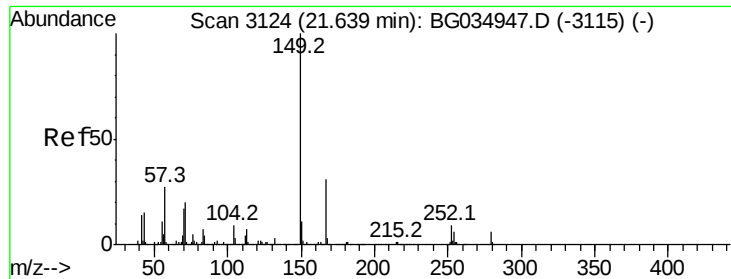
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#82
 Chrysene
 Concen: 48.769 ng
 RT: 21.74 min Scan# 3141
 Delta R.T. -0.02 min
 Lab File: BG035565.D
 Acq: 3 Jul 2018 00:13

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	802097		
226	31.2	24.9	37.3	
229	20.4	15.0	22.4	





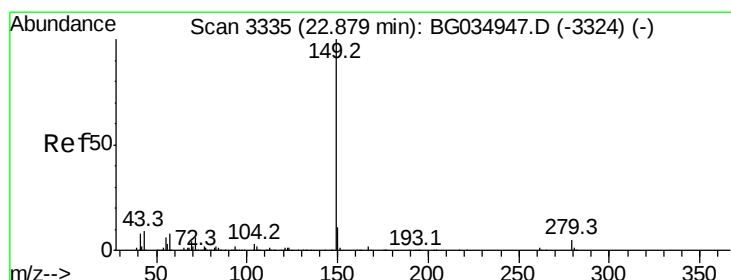
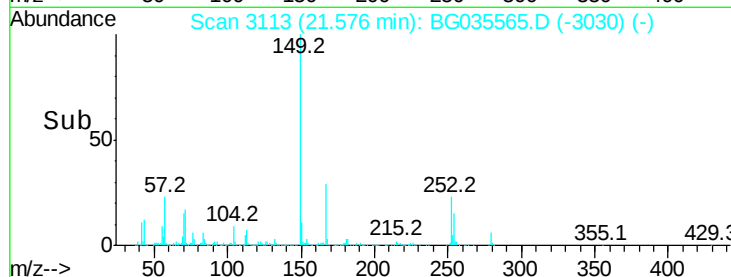
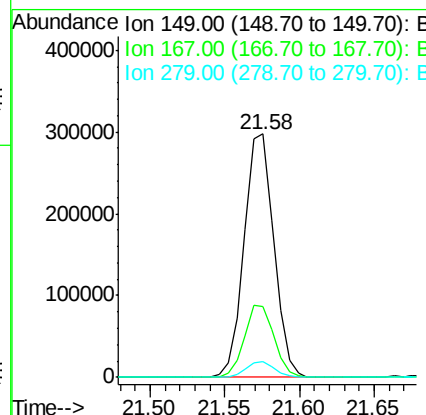
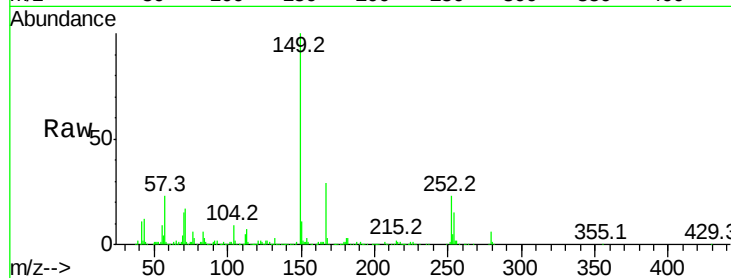
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.180 ng
 RT: 21.58 min Scan# 3113
 Delta R.T. -0.04 min
 Lab File: BG035565.D
 Acq: 3 Jul 2018 00:13

Instrument :
 BNA_G
 ClientSampleId :
 PB110755BSD

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	29.0	24.3	36.5
279	6.3	4.0	6.0#

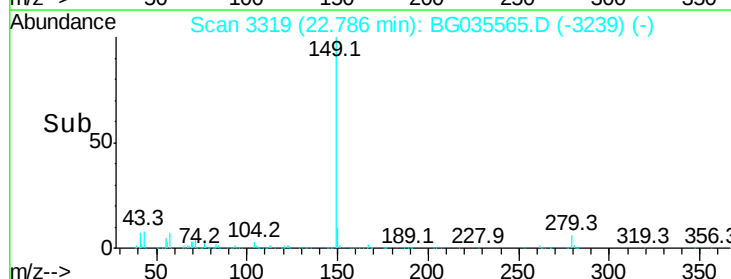
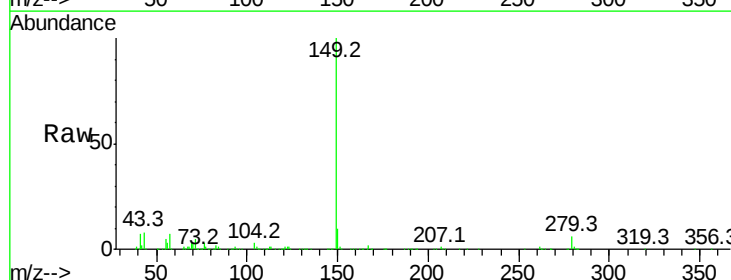
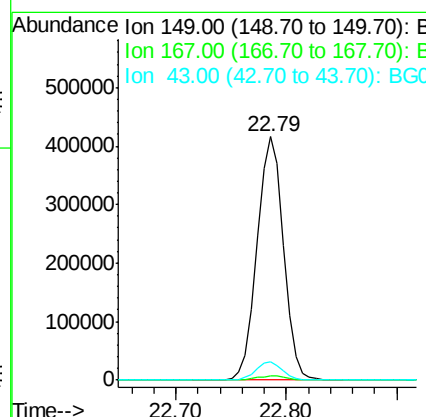
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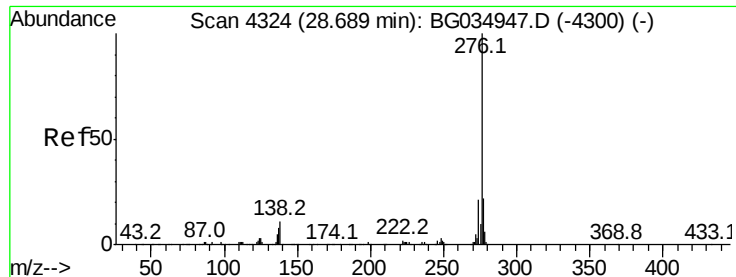
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#84
 Di-n-octyl phthalate
 Concen: 42.727 ng
 RT: 22.79 min Scan# 3319
 Delta R.T. -0.06 min
 Lab File: BG035565.D
 Acq: 3 Jul 2018 00:13

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
167	1.9	1.4	2.0
43	7.6	8.9	13.3#





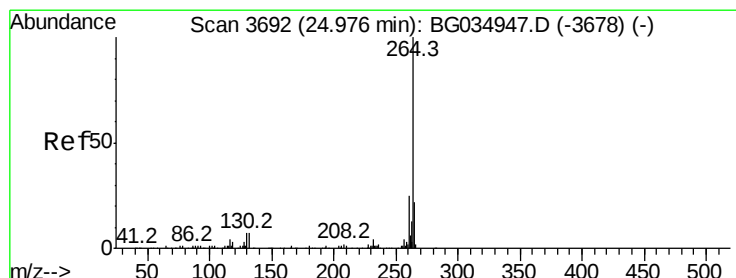
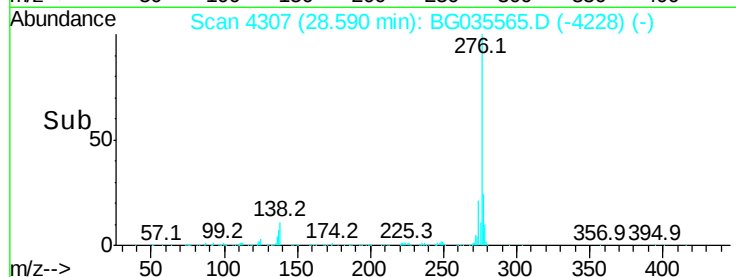
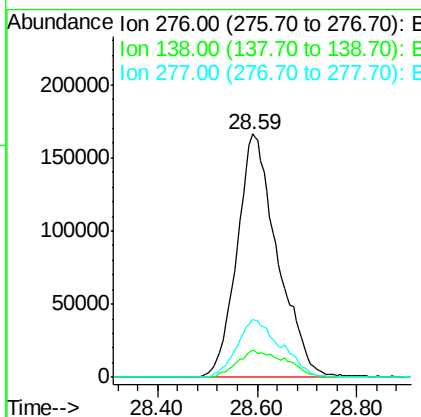
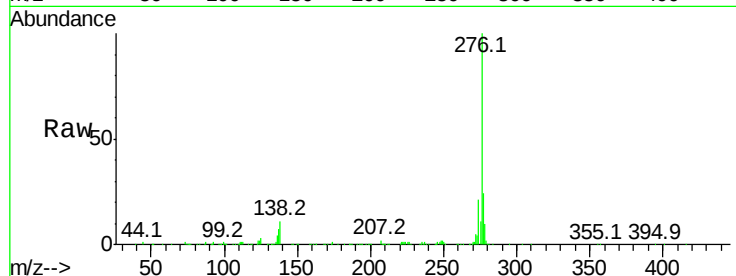
#85
Indeno(1,2,3-cd)pyrene
Concen: 48.536 ng
RT: 28.59 min Scan# 4307
Delta R.T. -0.06 min
Lab File: BG035565.D
Acq: 3 Jul 2018 00:13

Instrument :
BNA_G
ClientSampleId :
PB110755BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	13.2	16.0	24.0#
277	26.0	20.0	30.0

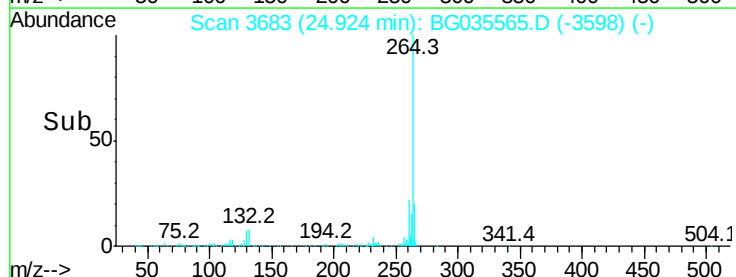
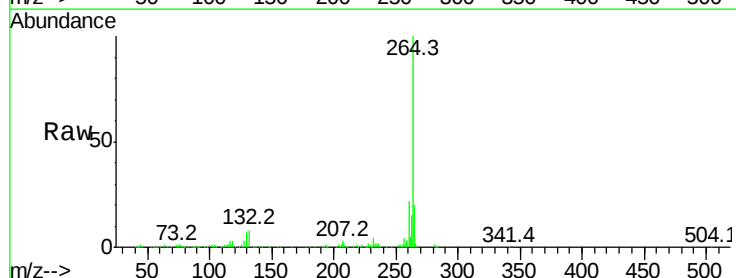
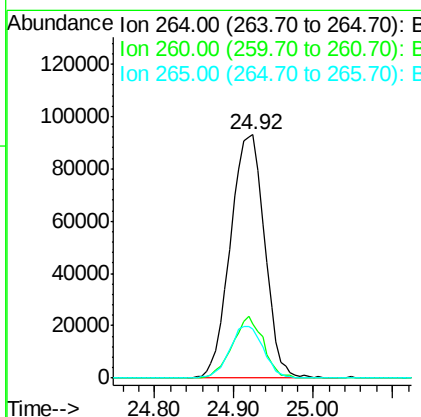
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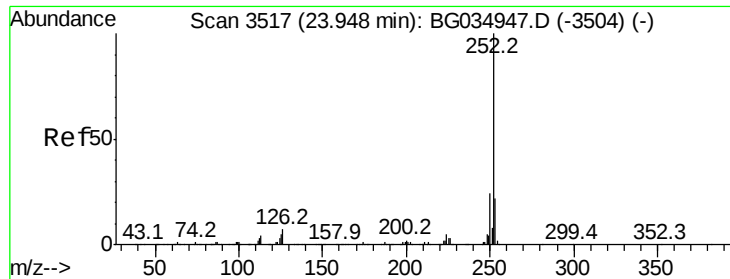
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3683
Delta R.T. -0.03 min
Lab File: BG035565.D
Acq: 3 Jul 2018 00:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.4	17.4	26.0
265	19.9	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 48.824 ng

RT: 23.90 min Scan# 3508

Delta R.T. -0.03 min

Lab File: BG035565.D

Acq: 3 Jul 2018 00:13

Instrument :

BNA_G

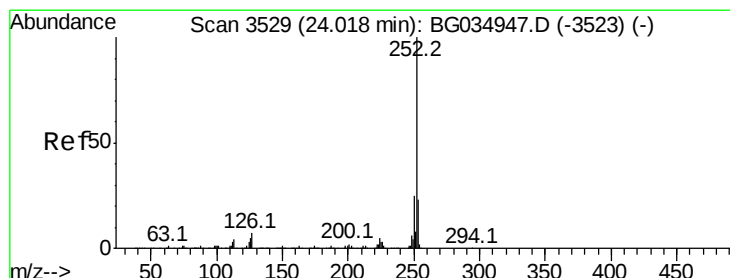
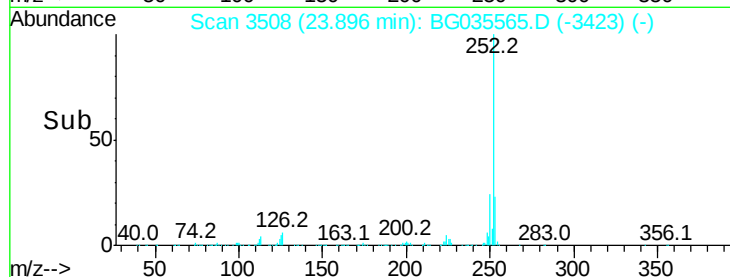
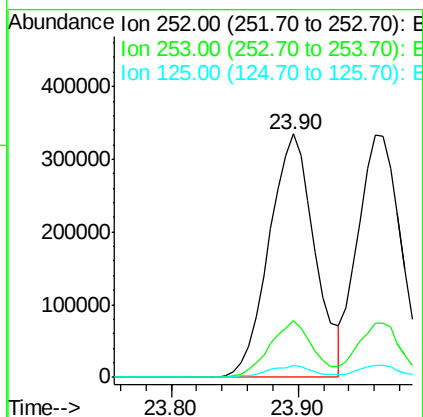
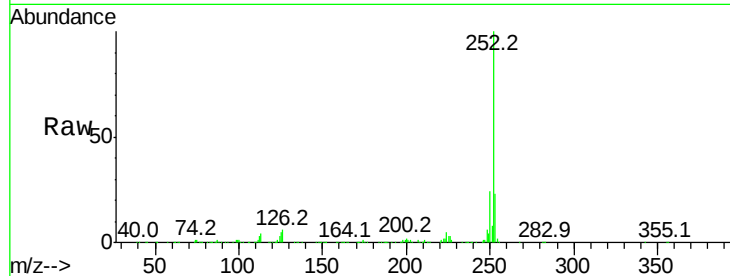
ClientSampleId :

PB110755BSD

Tot Ion:	252	Resp:	837876
Ion Ratio	Lower	Upper	
252	100		
253	23.2	18.2	27.4
125	5.0	7.2	10.8

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#88

Benzo(k)fluoranthene

Concen: 46.329 ng

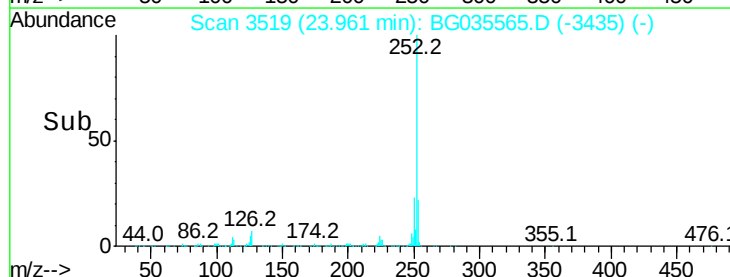
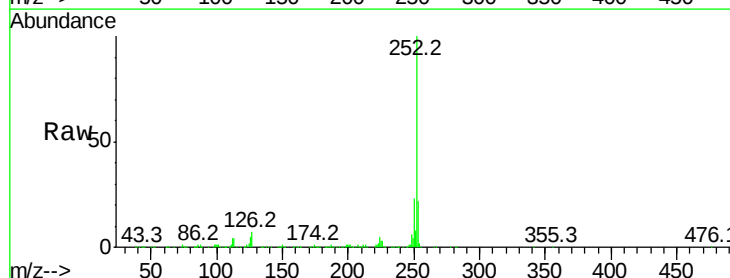
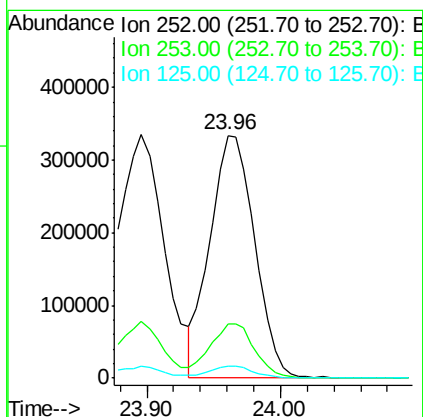
RT: 23.96 min Scan# 3519

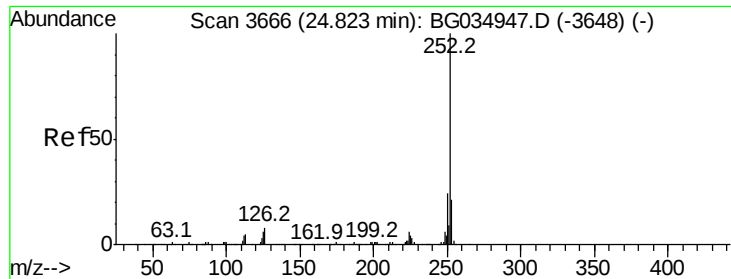
Delta R.T. -0.04 min

Lab File: BG035565.D

Acq: 3 Jul 2018 00:13

Tgt Ion:	252	Resp:	777736
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.4	26.2
125	5.1	6.6	9.8





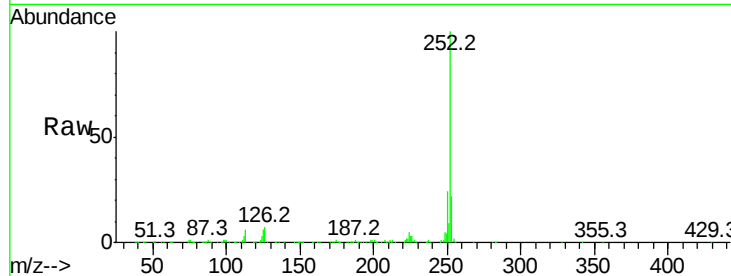
#89
Benzo(a)pyrene
Concen: 49.394 ng
RT: 24.77 min Scan# 3657
Delta R.T. -0.04 min
Lab File: BG035565.D
Acq: 3 Jul 2018 00:13

Instrument :
BNA_G
ClientSampleId :
PB110755BSD

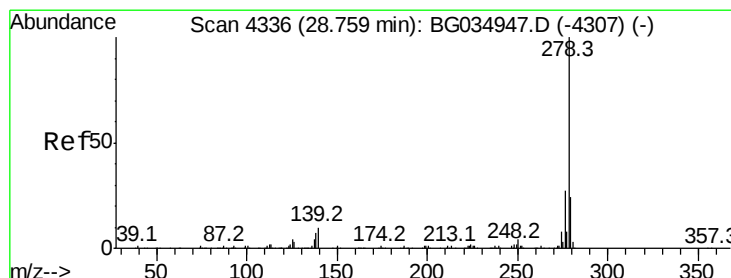
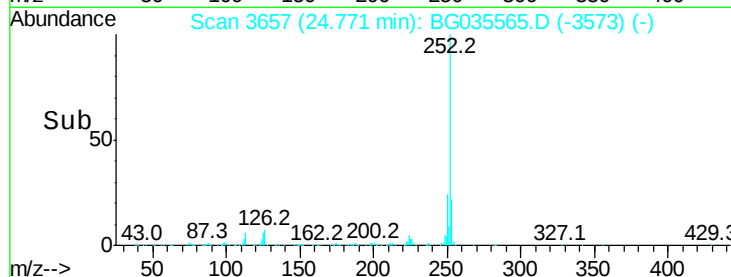
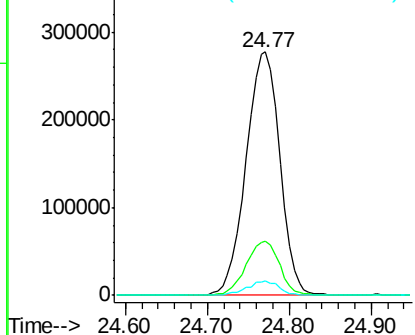
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.3	27.5
125	5.8	7.3	10.9#

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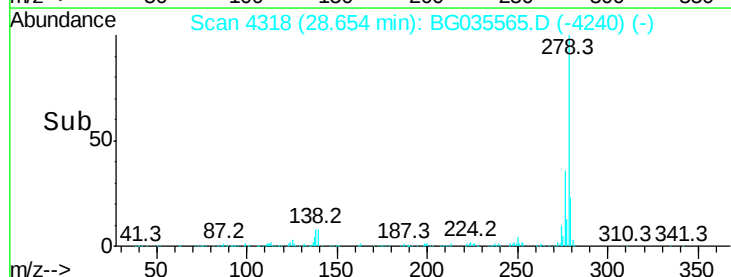
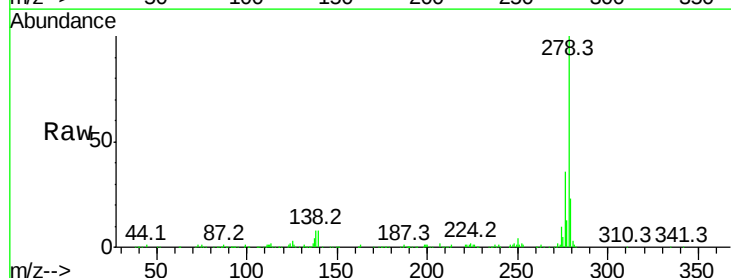
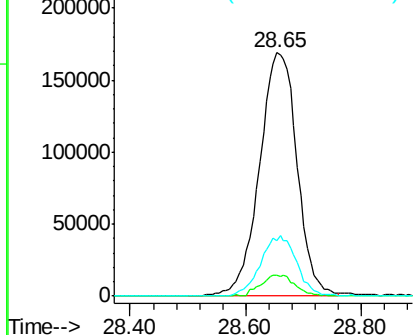
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

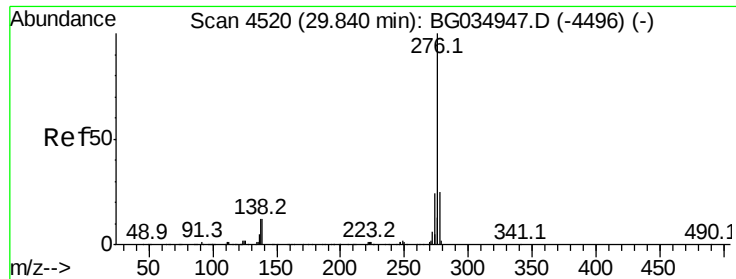


#90
Dibenzo(a,h)anthracene
Concen: 47.913 ng
RT: 28.65 min Scan# 4318
Delta R.T. -0.07 min
Lab File: BG035565.D
Acq: 3 Jul 2018 00:13

Tgt Ion	Ratio	Lower	Upper
278	100		
139	8.4	9.8	14.6#
279	22.6	18.4	27.6

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 49.951 ng
 RT: 29.75 min Scan# 4505
 Delta R.T. -0.05 min
 Lab File: BG035565.D
 Acq: 3 Jul 2018 00:13

Instrument :
 BNA_G
 ClientSampleId :
 PB110755BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	22.1	18.3	27.5
138	12.1	13.9	20.9

Manual Integrations
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