

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092618\
 Data File : BG036989.D
 Acq On : 26 Sep 2018 19:50
 Operator : JU/SJ
 Sample : J4773-12MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-092518-AMSD

Manual Integrations
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Sohil
 9/27/2018 1:37:38 PM

Quant Time: Sep 27 08:37:01 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	43932	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	172729	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	110138	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	276169	20.00	ng	0.00
75) Chrysene-d12	21.68	240	289679	20.00	ng	0.00
86) Perylene-d12	24.89	264	300496	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	275926	120.45	ng	0.00
7) Phenol-d6	7.21	99	347448	98.03	ng	0.00
23) Nitrobenzene-d5	9.20	82	284453	88.19	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	176342	133.82	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	611288	82.66	ng	0.00
78) Terphenyl-d14	20.02	244	1073834	97.47	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	47382	45.202	ng	# 88
3) Pyridine	3.94	79	122110	40.345	ng	98
4) n-Nitrosodimethylamine	3.84	42	74638	55.484	ng	# 89
6) Aniline	7.37	93	166961	36.305	ng	98
8) 2-Chlorophenol	7.61	128	135332	50.879	ng	93
9) Benzaldehyde	7.18	77	80873	34.532	ng	98
10) Phenol	7.24	94	154638	42.276	ng	92
11) bis(2-Chloroethyl)ether	7.46	93	139049	41.096	ng	98
12) 1,3-Dichlorobenzene	7.93	146	143630	44.045	ng	99
13) 1,4-Dichlorobenzene	8.08	146	146386	43.866	ng	98
14) 1,2-Dichlorobenzene	8.40	146	141988	43.906	ng	97
15) Benzyl Alcohol	8.28	79	135274	47.039	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.57	45	299903	46.168	ng	99
17) 2-Methylphenol	8.48	107	121215	47.574	ng	96
18) Hexachloroethane	9.12	117	56139	45.714	ng	96
19) n-Nitroso-di-n-propylamine	8.85	70	124595	42.259	ng	99
20) 3+4-Methylphenols	8.81	107	165822	46.782	ng	93
22) Acetophenone	8.86	105	223685	55.107	ng	96
24) Nitrobenzene	9.25	77	182622	53.018	ng	99
25) Isophorone	9.77	82	352967	59.889	ng	100
26) 2-Nitrophenol	9.96	139	75286	54.834	ng	97
27) 2,4-Dimethylphenol	10.01	122	135254	63.242	ng	92
28) bis(2-Chloroethoxy)methane	10.25	93	195063	53.637	ng	95
29) 2,4-Dichlorophenol	10.50	162	145996	58.888	ng	98
30) 1,2,4-Trichlorobenzene	10.71	180	153906	49.605	ng	95
31) Naphthalene	10.90	128	444343	54.066	ng	99
32) Benzoic acid	10.14	122	20636m	16.886	ng	
33) 4-Chloroaniline	11.01	127	74736	20.000	ng	97
34) Hexachlorobutadiene	11.18	225	105928	49.370	ng	98
35) Caprolactam	11.78	113	38457m	37.688	ng	
36) 4-Chloro-3-methylphenol	12.12	107	171583	58.002	ng	98
37) 2-Methylnaphthalene	12.50	142	348204	55.629	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	198074	51.563	ng	99
40) Hexachlorocyclopentadiene	12.84	237	209801	106.193	ng	98

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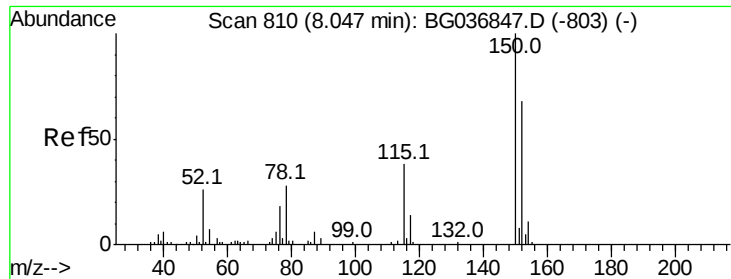
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	125390	58.781	nq	98
43) 2,4,5-Trichlorophenol	13.18	196	136441	59.985	nq	99
45) 1,1'-Biphenyl	13.50	154	447748	53.082	nq	98
46) 2-Chloronaphthalene	13.55	162	339888	51.239	nq	100
47) 2-Nitroaniline	13.75	65	134801	58.752	nq	96
48) Acenaphthylene	14.39	152	587916	56.560	nq	99
49) Dimethylphthalate	14.12	163	471752	53.213	nq	98
50) 2,6-Dinitrotoluene	14.24	165	106765	55.197	nq	99
51) Acenaphthene	14.73	154	334504	53.246	nq	98
52) 3-Nitroaniline	14.57	138	73297	35.961	nq	99
53) 2,4-Dinitrophenol	14.79	184	20551	28.153	nq	# 78
54) Dibenzofuran	15.07	168	559636	52.665	nq	99
55) 4-Nitrophenol	14.89	139	128838	98.946	nq	94
56) 2,4-Dinitrotoluene	15.03	165	150412	55.728	nq	94
57) Fluorene	15.71	166	448368	56.452	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.29	232	136091	58.979	nq	98
59) Diethylphthalate	15.48	149	468739	52.422	nq	99
60) 4-Chlorophenyl-phenylether	15.71	204	252779	50.255	nq	99
61) 4-Nitroaniline	15.74	138	112153	52.311	nq	98
62) Azobenzene	16.00	77	480415	55.917	nq	99
64) 4,6-Dinitro-2-methylphenol	15.80	198	36625	25.366	nq	95
65) n-Nitrosodiphenylamine	15.93	169	409934	53.767	nq	98
66) 4-Bromophenyl-phenylether	16.60	248	164372	52.327	nq	99
67) Hexachlorobenzene	16.72	284	163507	50.539	nq	98
68) Atrazine	16.87	200	176178	57.069	nq	97
69) Pentachlorophenol	17.07	266	131051	64.337	nq	96
70) Phenanthrene	17.46	178	759071	57.037	nq	98
71) Anthracene	17.55	178	770196	58.528	nq	100
72) Carbazole	17.82	167	696078	54.252	nq	99
73) Di-n-butylphthalate	18.37	149	801619	56.259	nq	99
74) Fluoranthene	19.46	202	947421	59.141	nq	100
76) Benzidine	19.64	184	352344	40.236	nq	97
77) Pyrene	19.83	202	934098	53.736	nq	100
79) Butylbenzylphthalate	20.71	149	392077	56.587	nq	96
80) Benzo(a)anthracene	21.67	228	953653	56.396	nq	99
81) 3,3'-Dichlorobenzidine	21.58	252	252777	39.272	nq	99
82) Chrysene	21.73	228	902846	55.259	nq	99
83) Bis(2-ethylhexyl)phthalate	21.57	149	540942	55.886	nq	100
84) Di-n-octyl phthalate	22.77	149	915618	57.453	nq	100
85) Indeno(1,2,3-cd)pyrene	28.55	276	1064231	60.658	nq	# 95
87) Benzo(b)fluoranthene	23.87	252	937395	58.535	nq	98
88) Benzo(k)fluoranthene	23.94	252	924527	57.544	nq	99
89) Benzo(a)pyrene	24.74	252	926127	59.819	nq	99
90) Dibenzo(a,h)anthracene	28.60	278	865335	59.637	nq	98
91) Benzo(g,h,i)perylene	29.69	276	868302	59.626	nq	98

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



#1

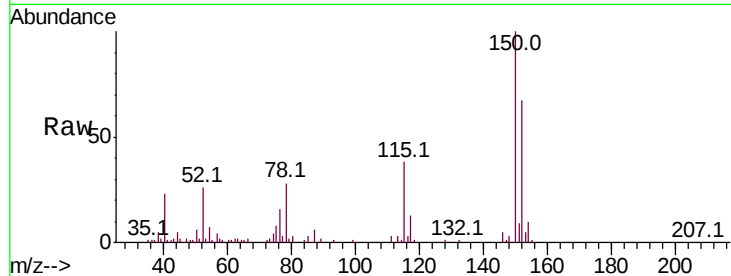
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.00 min
Lab File: BG036989.D
Acq: 26 Sep 2018 19:50

Instrument :
BNA_G
ClientSampleId :
CL-02-092518-AMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.0	119.5	179.3
115	57.1	44.5	66.7

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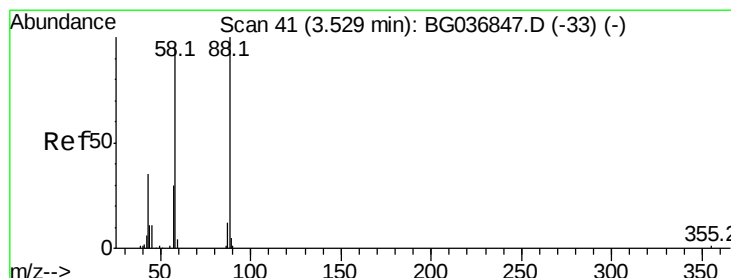
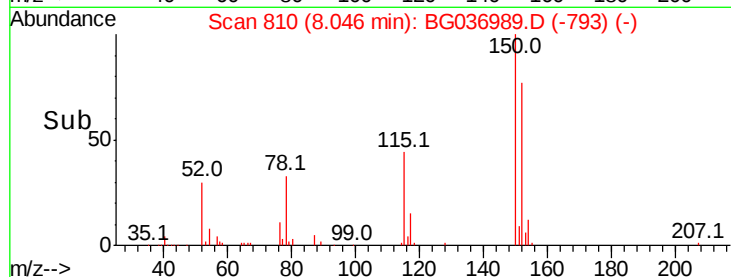
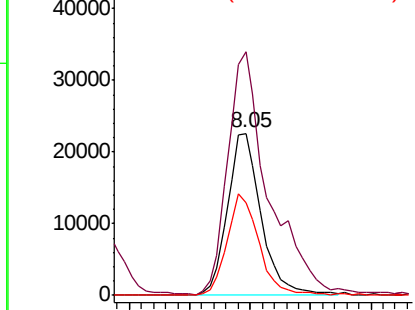


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

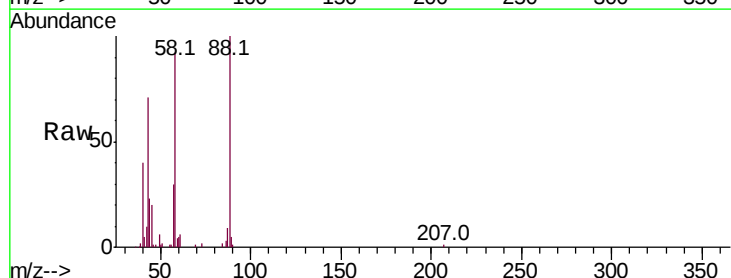
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 45.202 ng
RT: 3.53 min Scan# 42
Delta R.T. 0.01 min
Lab File: BG036989.D
Acq: 26 Sep 2018 19:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	92.3	72.6	109.0
43	59.1	29.0	43.4#

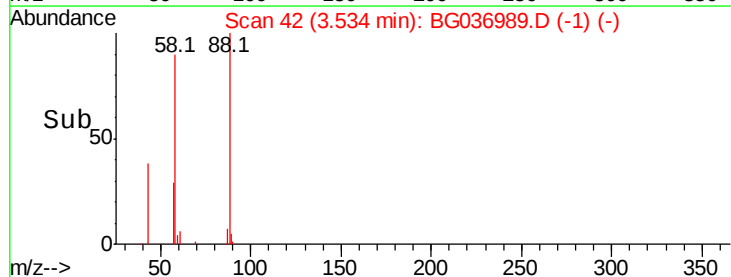
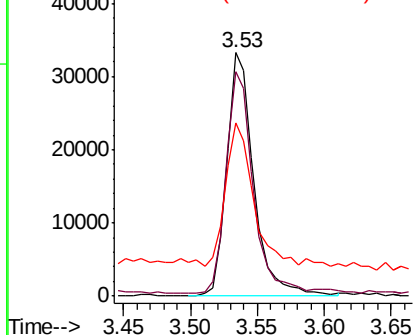


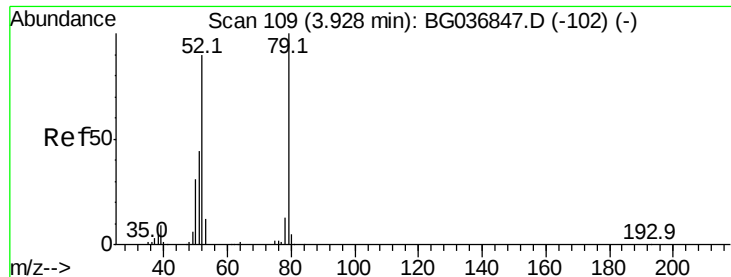
Abundance

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: 40.345 ng

RT: 3.94 min Scan# 111

Delta R.T. 0.01 min

Lab File: BG036989.D

Acq: 26 Sep 2018 19:50

Instrument :

BNA_G

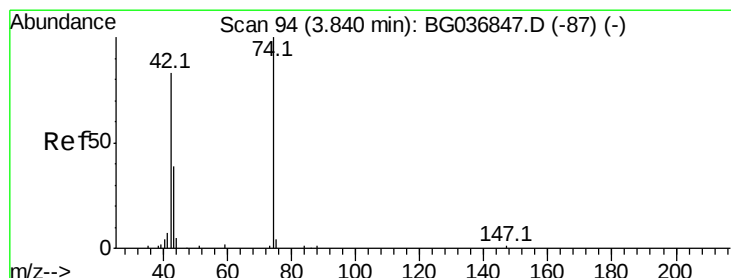
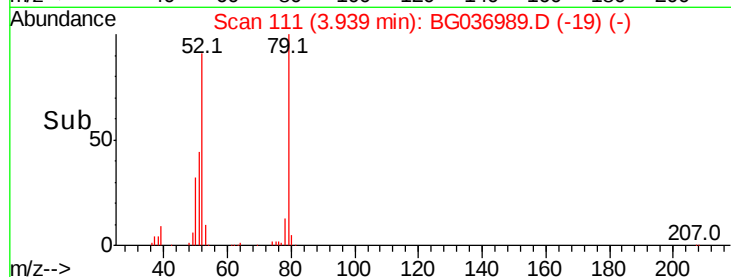
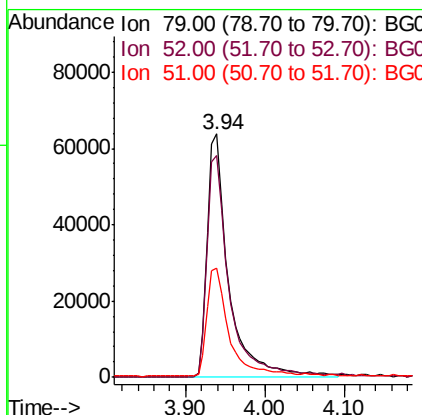
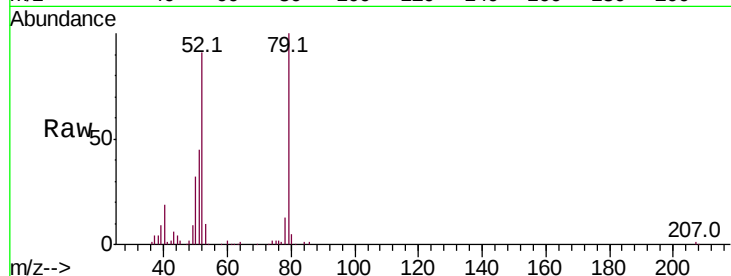
ClientSampleId :

CL-02-092518-AMSD

Tot Ion:	79	Resp:	122110
Ion Ratio	Lower	Upper	
79	100		
52	91.2	72.3	108.5
51	45.1	33.8	50.6

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#4

n-Nitrosodimethylamine

Concen: 55.484 ng

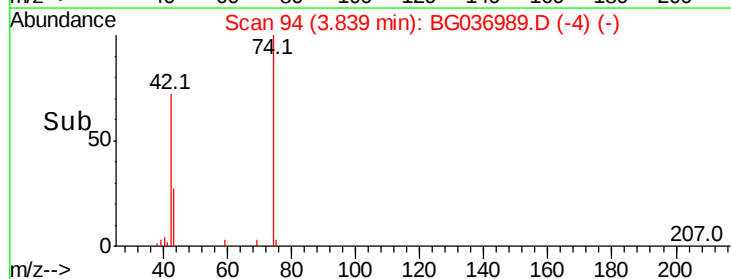
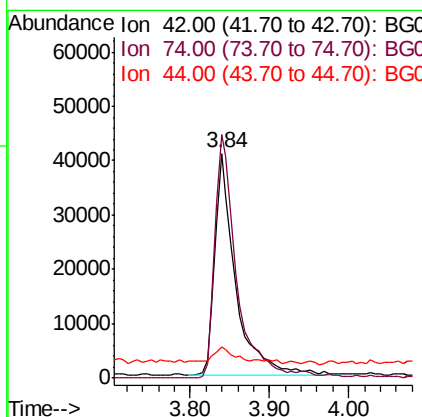
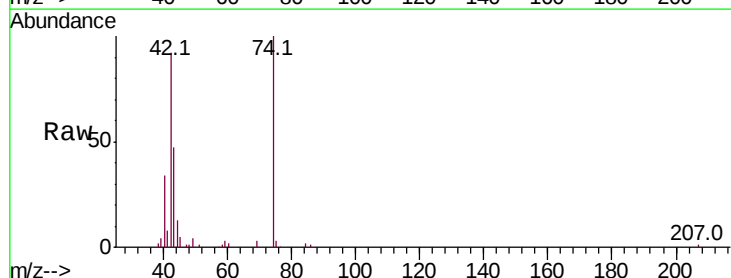
RT: 3.84 min Scan# 94

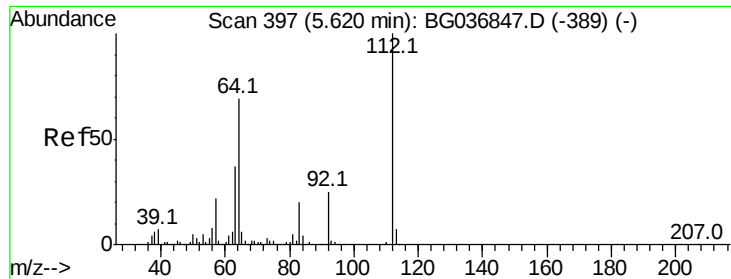
Delta R.T. -0.00 min

Lab File: BG036989.D

Acq: 26 Sep 2018 19:50

Tgt Ion:	42	Resp:	74638
Ion Ratio	Lower	Upper	
42	100		
74	108.3	96.6	145.0
44	14.1	7.0	10.4#





#5

2-Fluorophenol

Concen: 120.451 ng

RT: 5.62 min Scan# 397

Delta R.T. -0.00 min

Lab File: BG036989.D

Acq: 26 Sep 2018 19:50

Instrument :

BNA_G

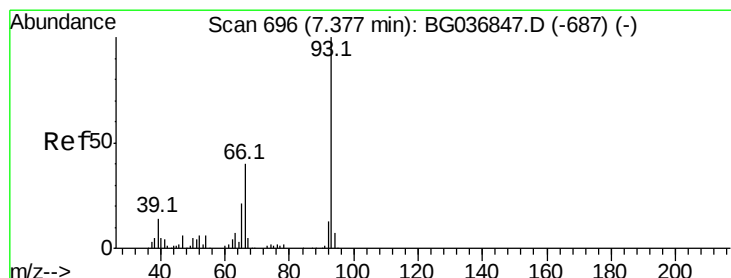
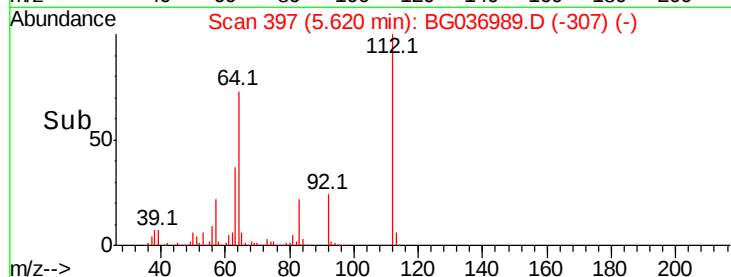
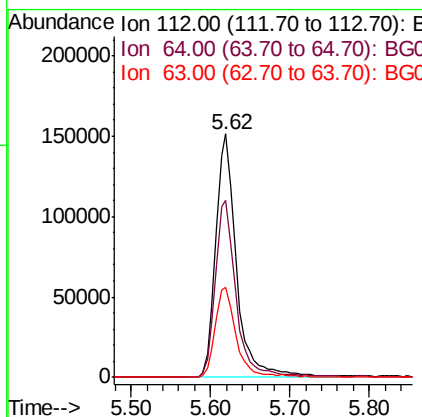
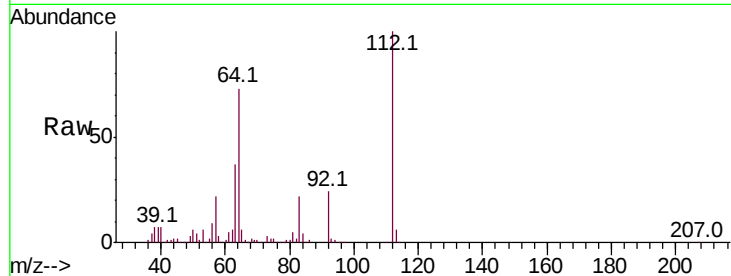
ClientSampleId :

CL-02-092518-AMSD

Tot Ion:	112	Resp:	275926
Ion Ratio	Lower	Upper	
112	100		
64	72.6	57.2	85.8
63	36.8	30.8	46.2

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#6

Aniline

Concen: 36.305 ng

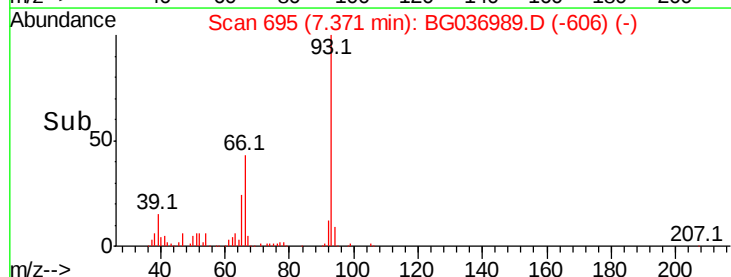
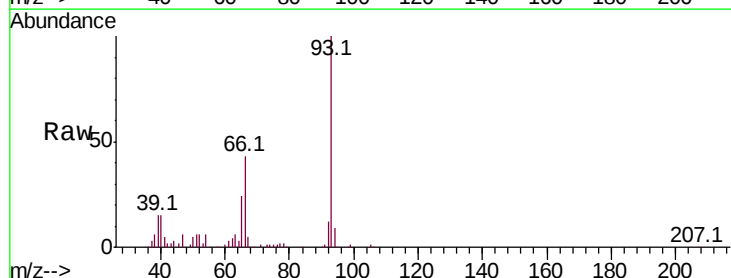
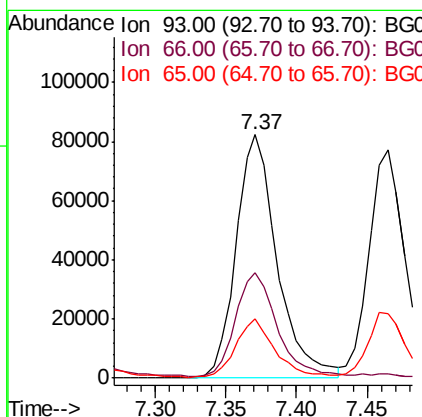
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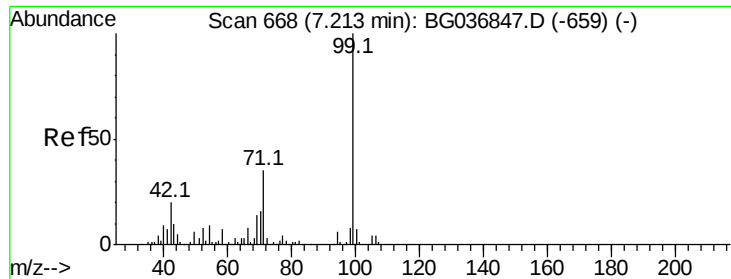
Delta R.T. -0.01 min

Lab File: BG036989.D

Acq: 26 Sep 2018 19:50

Tgt Ion:	93	Resp:	166961
Ion Ratio	Lower	Upper	
93	100		
66	43.4	35.0	52.4
65	24.3	17.6	26.4





#7

Phenol-d6

Concen: 98.033 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036989.D

Acq: 26 Sep 2018 19:50

Instrument :

BNA_G

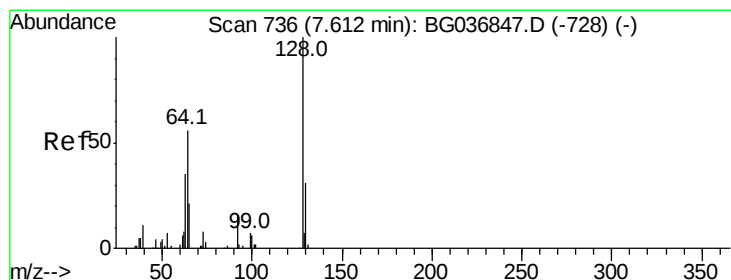
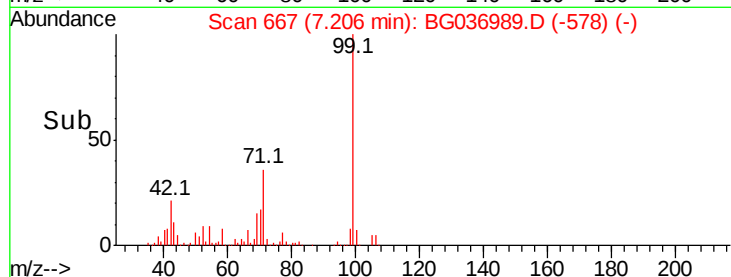
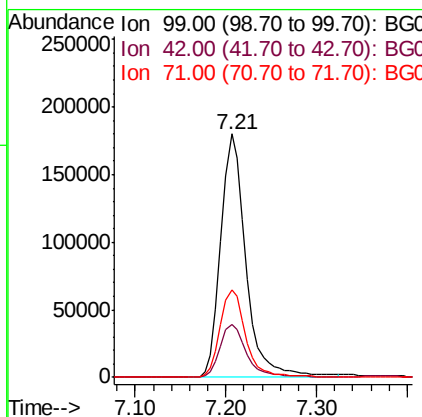
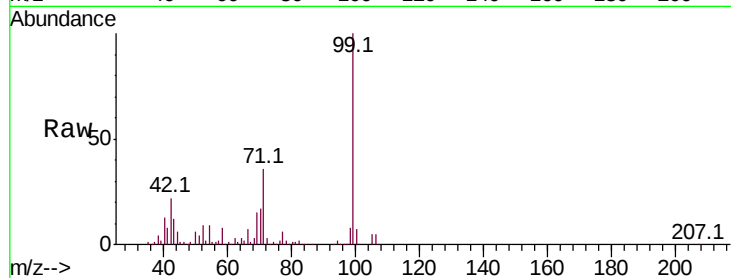
ClientSampleId :

CL-02-092518-AMSD

Tot Ion:	99	Resp:	347448
Ion Ratio	Lower	Upper	
99	100		
42	21.5	16.5	24.7
71	35.8	29.4	44.2

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#8

2-Chlorophenol

Concen: 50.879 ng

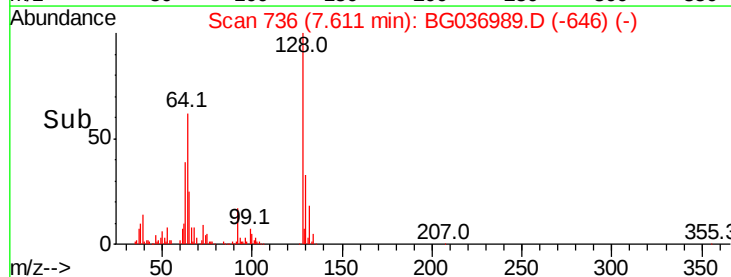
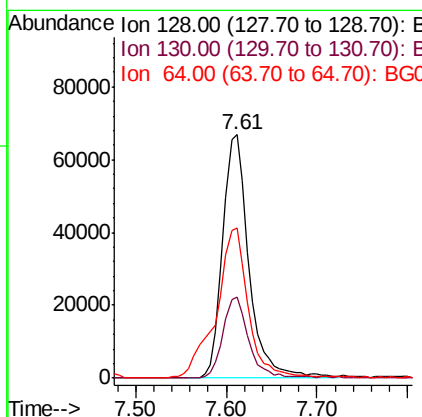
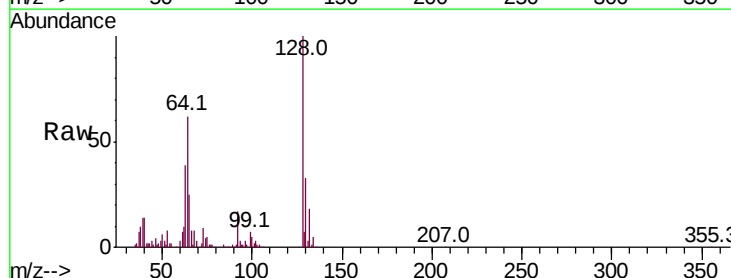
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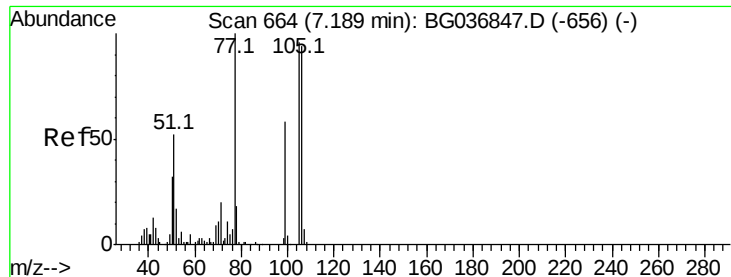
Delta R.T. -0.00 min

Lab File: BG036989.D

Acq: 26 Sep 2018 19:50

Tgt Ion:	128	Resp:	135332
Ion Ratio	Lower	Upper	
128	100		
130	33.4	10.0	50.0
64	61.6	36.0	76.0





#9

Benzaldehyde

Concen: 34.532 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036989.D

Acq: 26 Sep 2018 19:50

Instrument :

BNA_G

ClientSampleId :

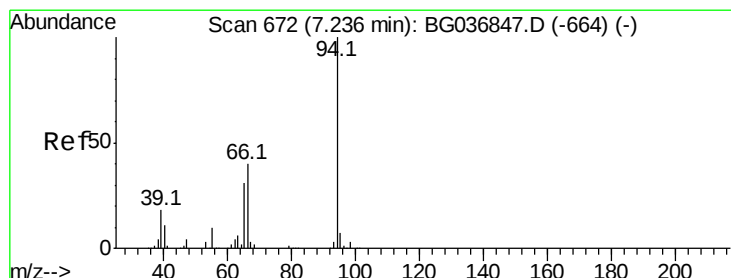
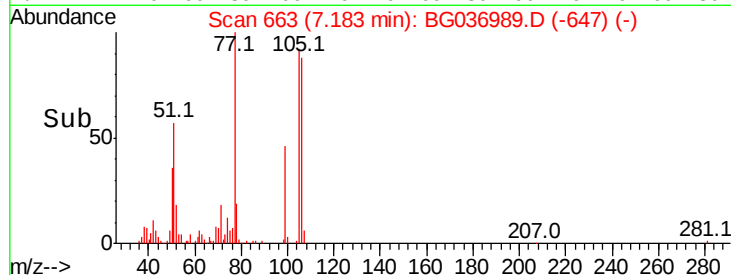
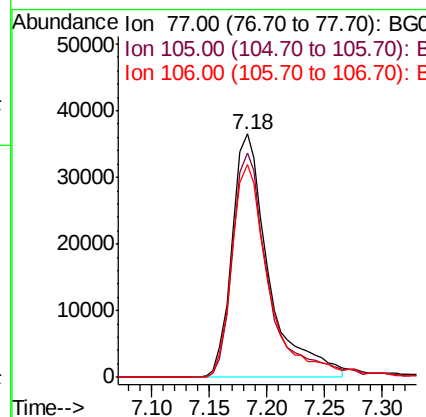
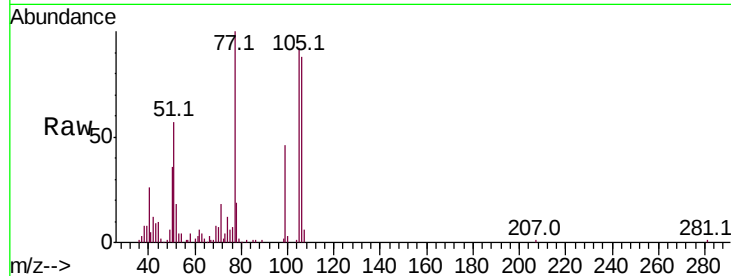
CL-02-092518-AMSD

Tot Ion:	77	Resp:	80873
Ion	Ratio	Lower	Upper
77	100		
105	92.0	70.5	110.5
106	87.6	69.8	109.8

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#10

Phenol

Concen: 42.276 ng

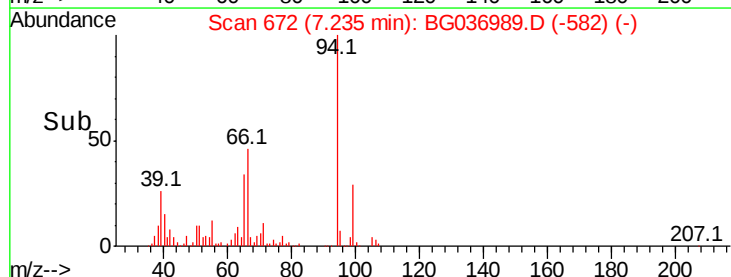
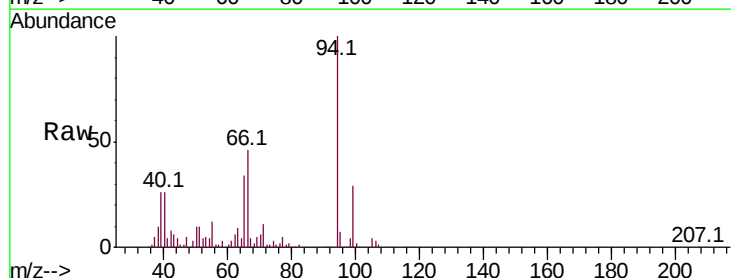
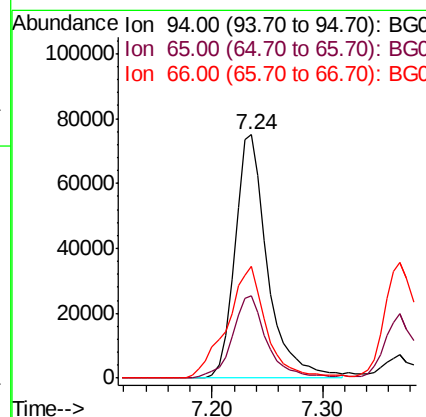
RT: 7.24 min Scan# 672

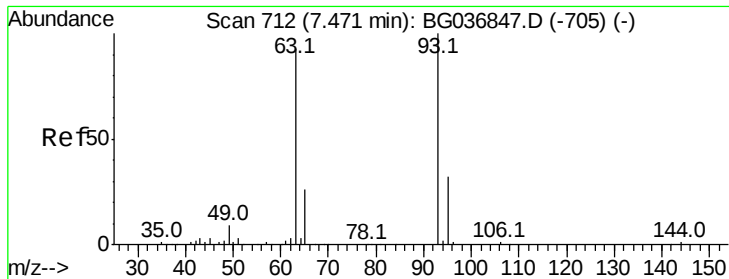
Delta R.T. -0.00 min

Lab File: BG036989.D

Acq: 26 Sep 2018 19:50

Tgt Ion:	94	Resp:	154638
Ion	Ratio	Lower	Upper
94	100		
65	33.9	11.5	51.5
66	45.9	19.5	59.5





#11

bis(2-Chloroethyl)ether

Concen: 41.096 ng

RT: 7.46 min Scan# 711

Delta R.T. -0.01 min

Lab File: BG036989.D

Acq: 26 Sep 2018 19:50

Instrument :

BNA_G

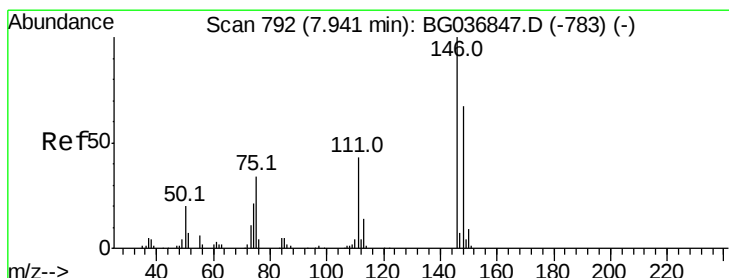
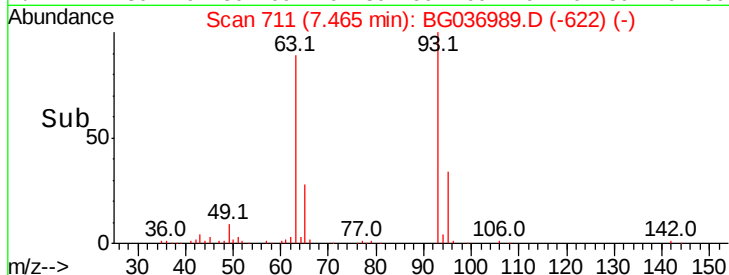
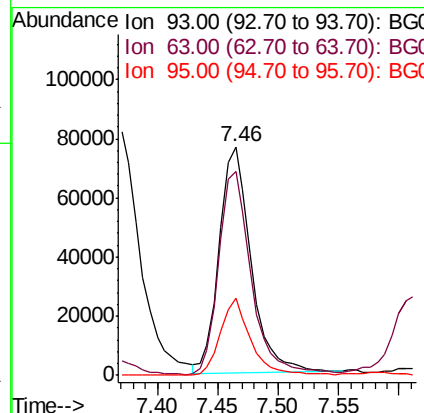
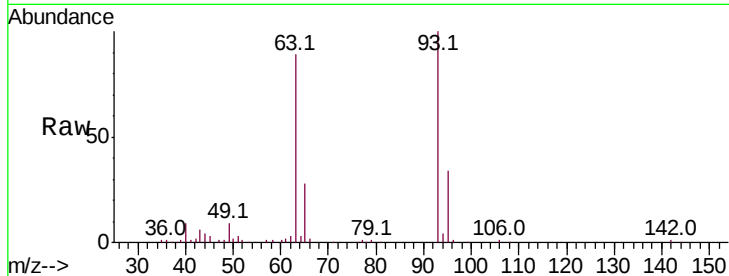
ClientSampleId :

CL-02-092518-AMSD

Tot Ion:	93	Resp:	139049
Ion Ratio	Lower	Upper	
93	100		
63	89.1	69.9	109.9
95	33.7	11.7	51.7

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#12

1,3-Dichlorobenzene

Concen: 44.045 ng

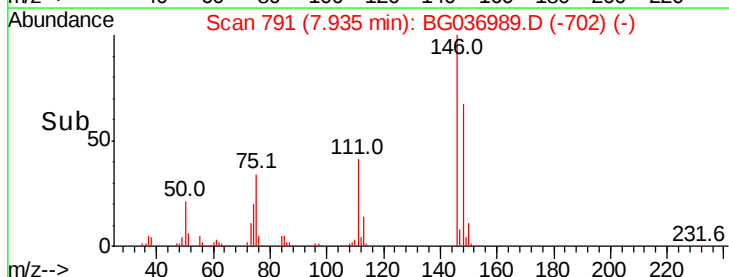
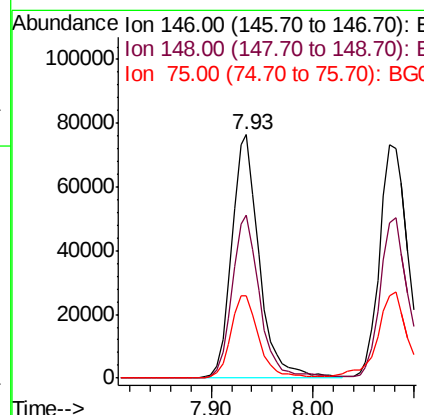
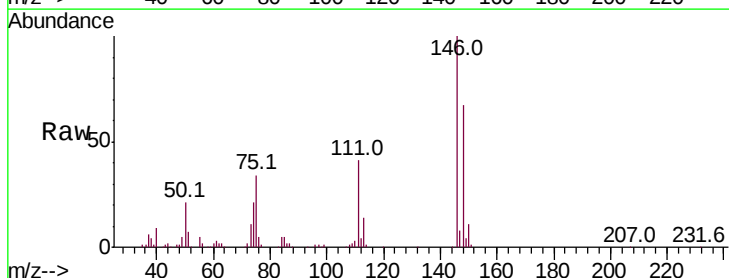
RT: 7.93 min Scan# 791

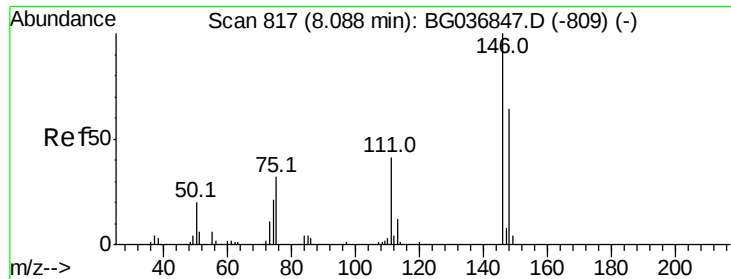
Delta R.T. -0.01 min

Lab File: BG036989.D

Acq: 26 Sep 2018 19:50

Tgt Ion:	146	Resp:	143630
Ion Ratio	Lower	Upper	
146	100		
148	66.7	53.8	80.6
75	33.6	27.2	40.8





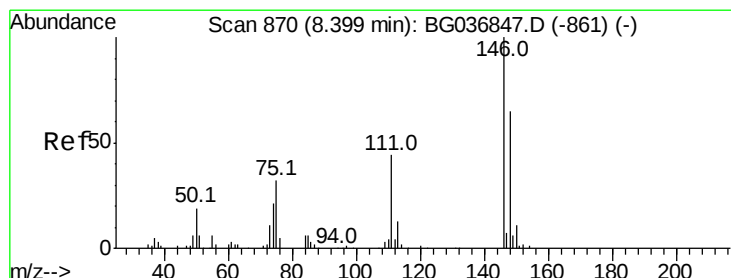
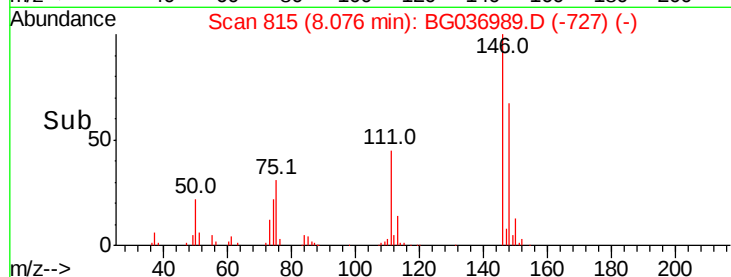
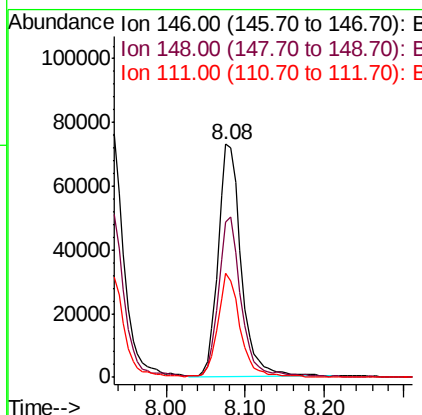
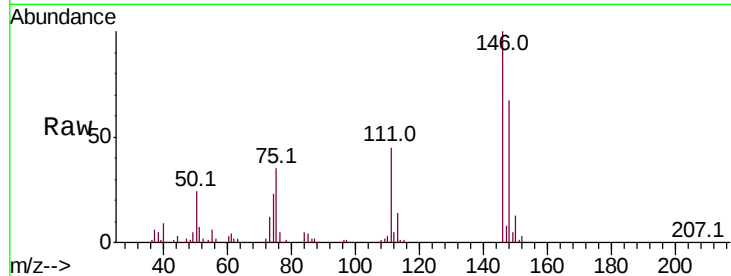
#13
 1,4-Dichlorobenzene
 Concen: 43.866 ng
 RT: 8.08 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BG036989.D
 Acq: 26 Sep 2018 19:50

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-092518-AMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.9	53.9	80.9
111	44.7	33.8	50.6

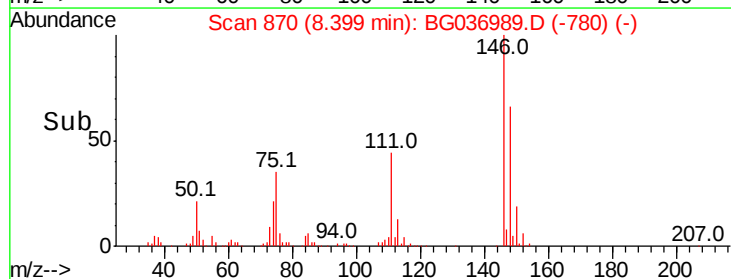
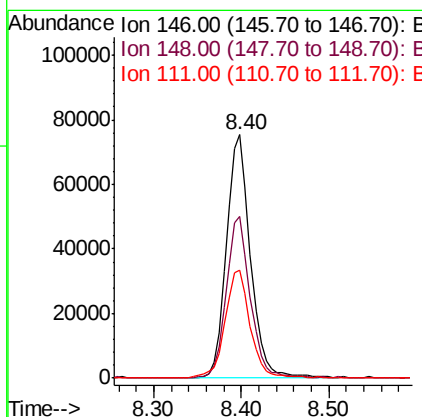
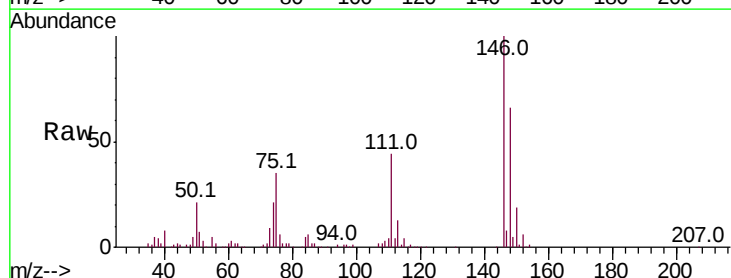
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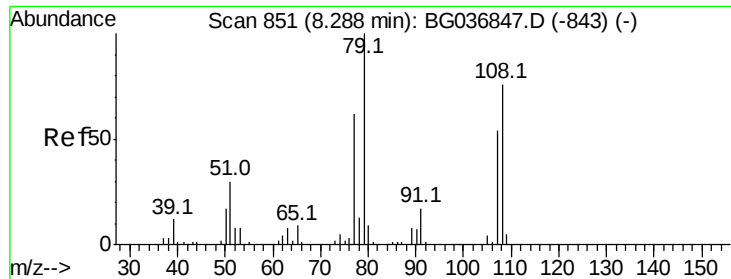
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#14
 1,2-Dichlorobenzene
 Concen: 43.906 ng
 RT: 8.40 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: BG036989.D
 Acq: 26 Sep 2018 19:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.3	55.0	82.6
111	44.3	34.6	51.8





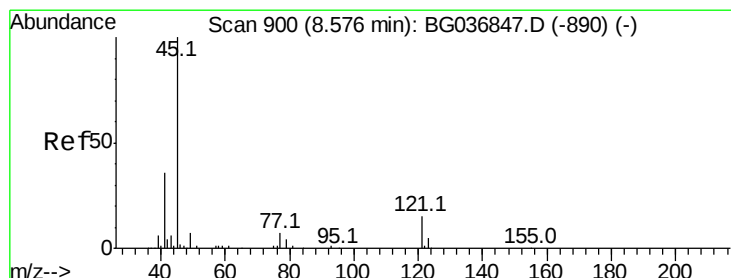
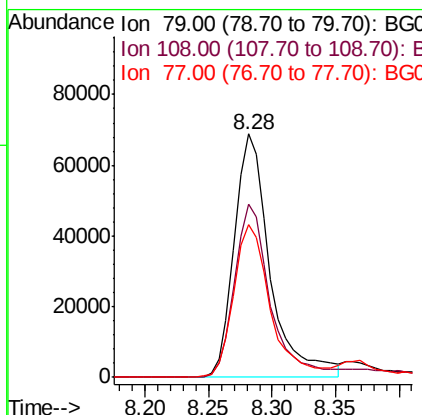
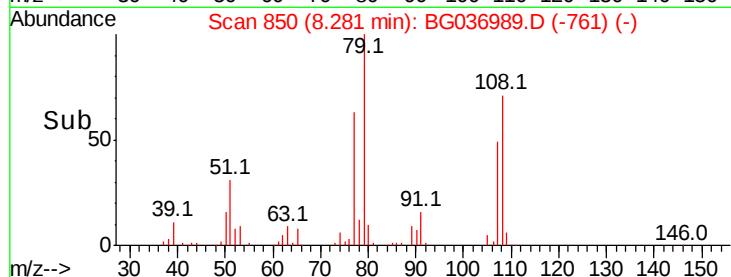
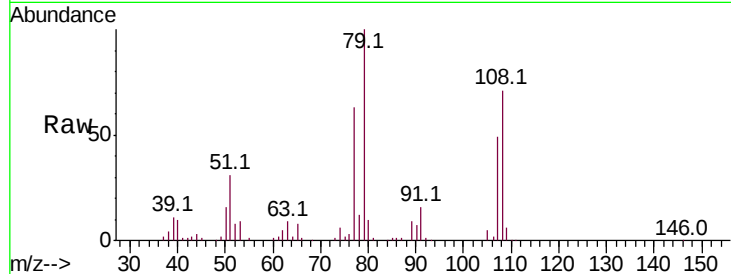
#15
Benzyl Alcohol
Concen: 47.039 ng
RT: 8.28 min Scan# 850
Delta R.T. -0.01 min
Lab File: BG036989.D
Acq: 26 Sep 2018 19:50

Instrument :
BNA_G
ClientSampleId :
CL-02-092518-AMSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	71.0	55.9	83.9
77	62.5	50.0	75.0

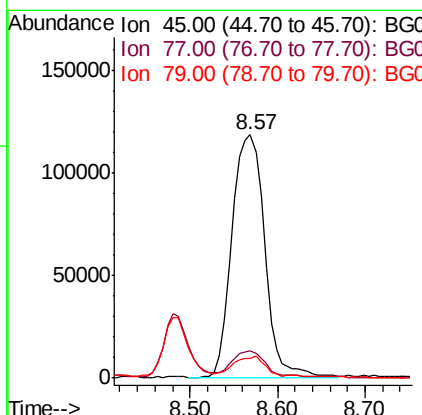
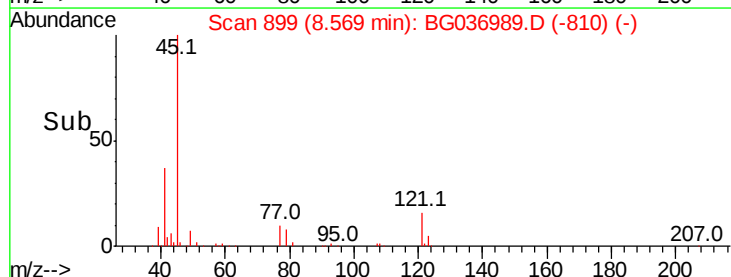
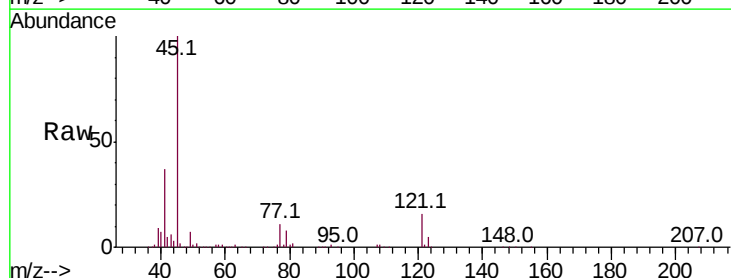
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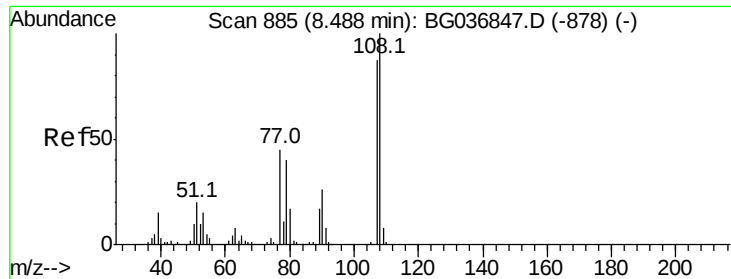
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.168 ng
RT: 8.57 min Scan# 899
Delta R.T. -0.01 min
Lab File: BG036989.D
Acq: 26 Sep 2018 19:50

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.0	0.0	30.5
79	8.2	0.0	27.9





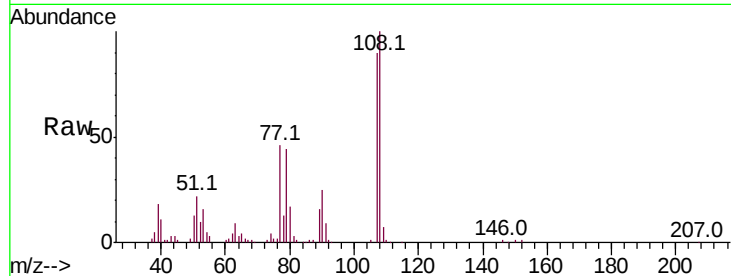
#17
2-Methylphenol
Concen: 47.574 ng
RT: 8.48 min Scan# 884
Delta R.T. -0.01 min
Lab File: BG036989.D
Acq: 26 Sep 2018 19:50

Instrument :
BNA_G
ClientSampleId :
CL-02-092518-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.6	86.7	130.1	
77	51.7	39.0	58.4	
79	49.3	36.6	54.8	

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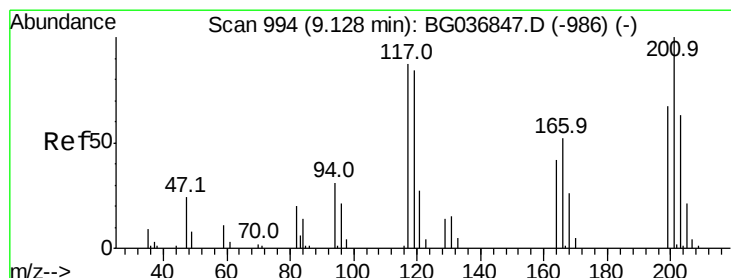
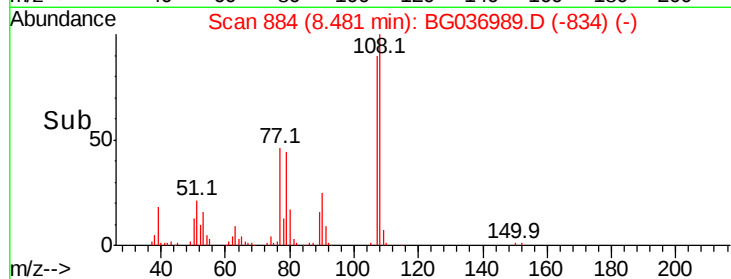
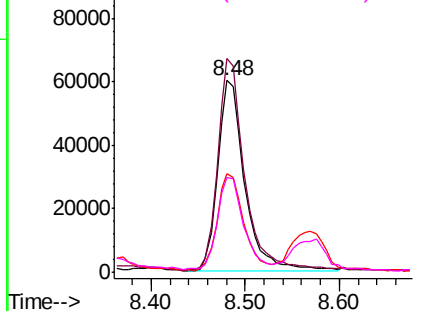
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

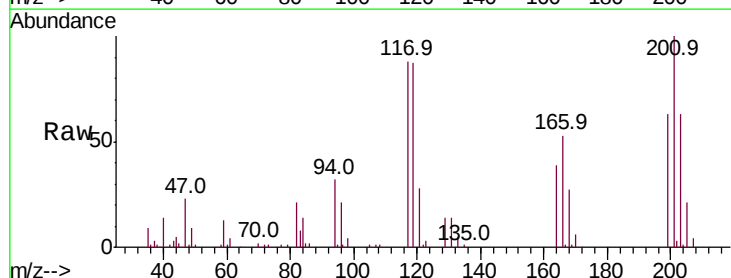
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 45.714 ng
RT: 9.12 min Scan# 993
Delta R.T. -0.01 min
Lab File: BG036989.D
Acq: 26 Sep 2018 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.3	76.8	115.2	
201	113.1	85.7	128.5	

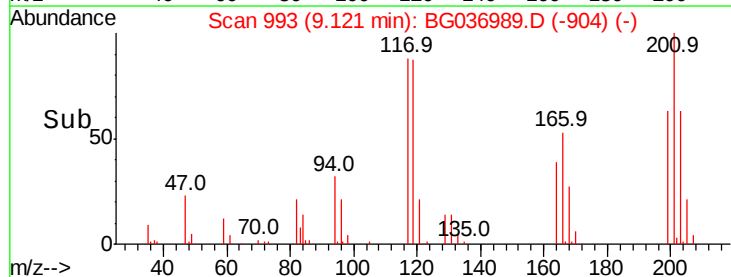
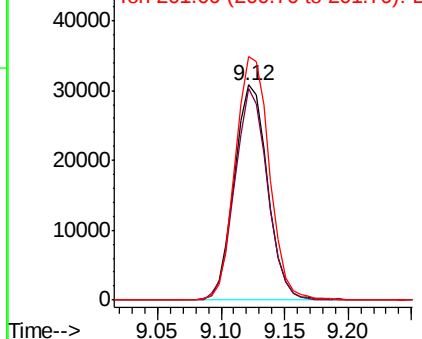


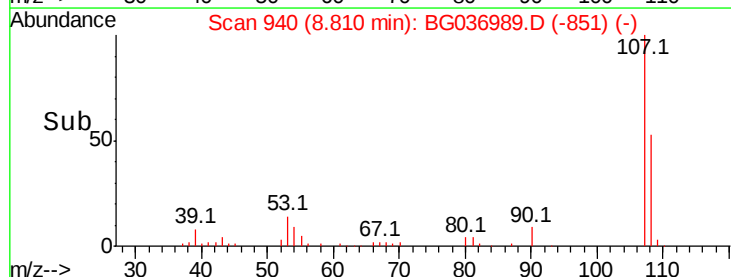
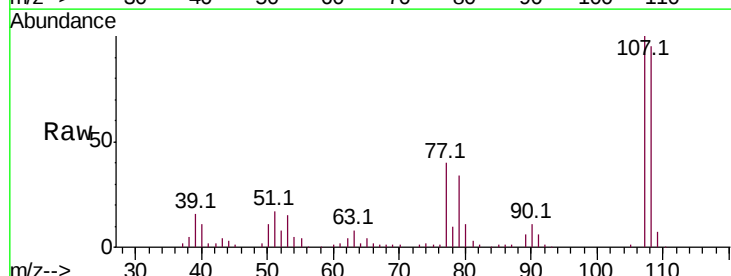
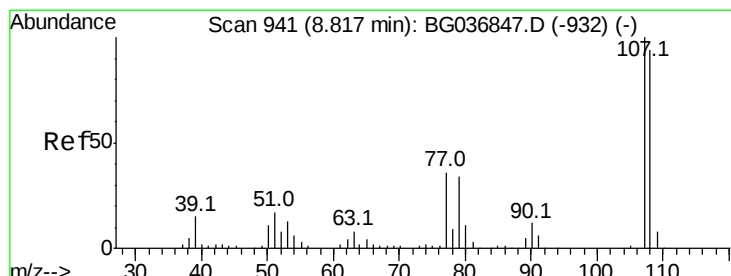
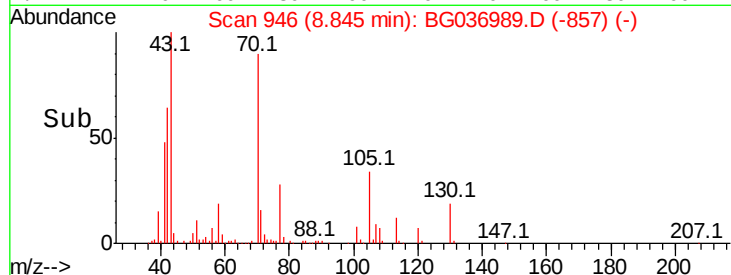
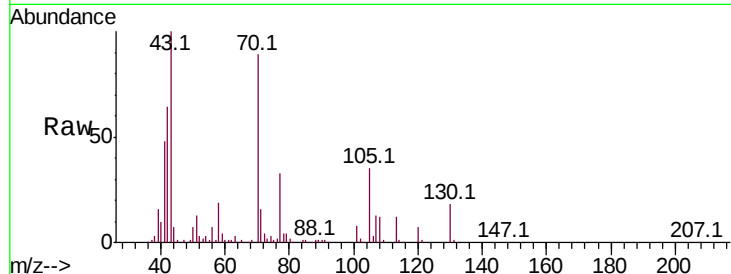
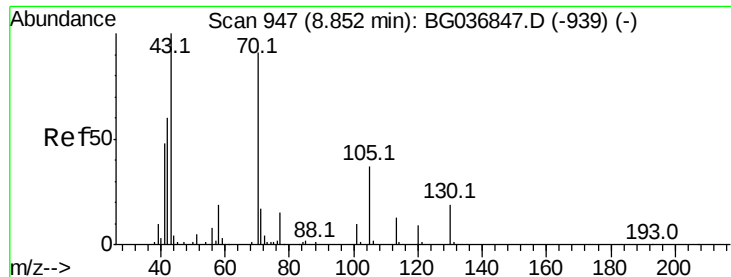
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

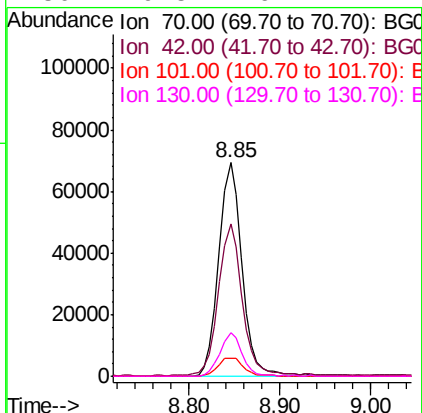
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 42.259 ng
RT: 8.85 min Scan# 946
Delta R.T. -0.01 min
Lab File: BG036989.D
Acq: 26 Sep 2018 19:50

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		124595		
42	71.5	56.2		84.4	
101	8.4	7.8		11.6	
130	20.5	16.2		24.2	



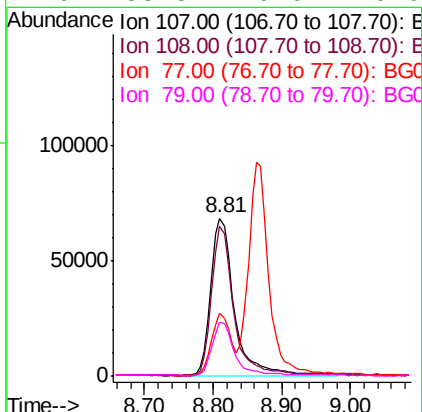
Instrument :
BNA_G
ClientSampleId :
CL-02-092518-AMSD

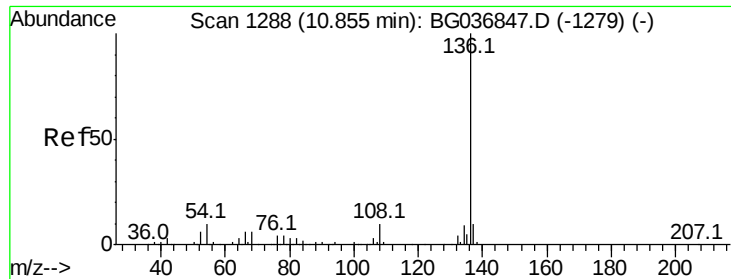
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#20
3+4-Methylphenols
Concen: 46.782 ng
RT: 8.81 min Scan# 940
Delta R.T. -0.01 min
Lab File: BG036989.D
Acq: 26 Sep 2018 19:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		165822		
108	94.8	68.0		108.0	
77	39.8	15.6		55.6	
79	33.8	9.9		49.9	





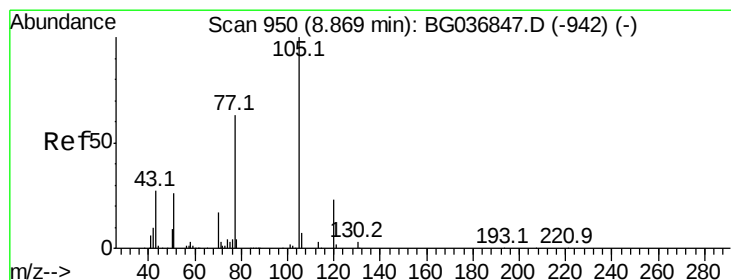
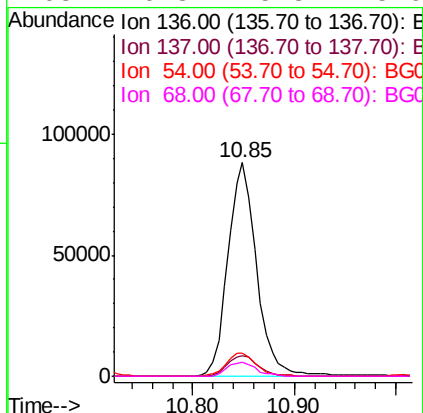
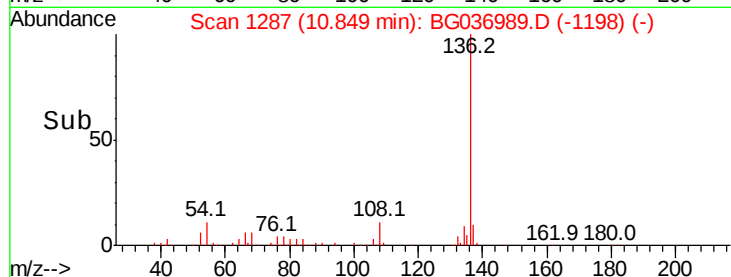
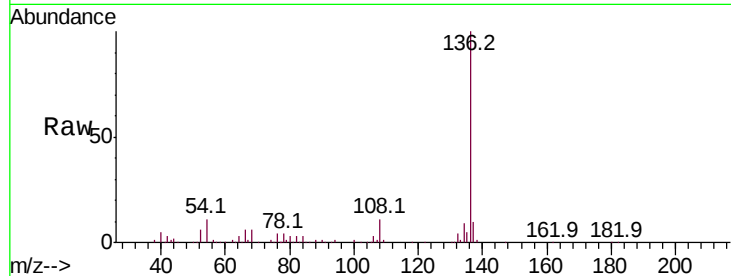
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BG036989.D
Acq: 26 Sep 2018 19:50

Instrument :
BNA_G
ClientSampleId :
CL-02-092518-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	9.7	8.8	13.2	
54	11.0	9.2	13.8	
68	6.3	5.8	8.6	

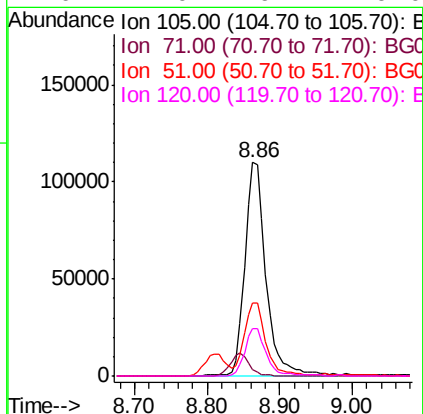
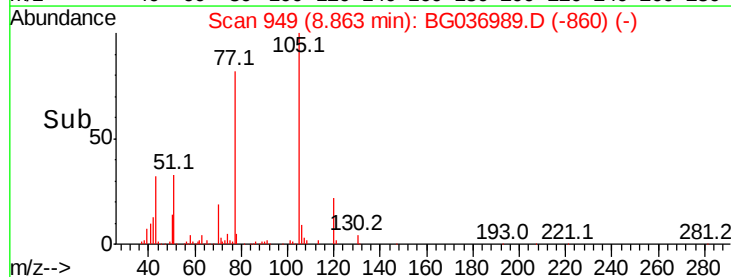
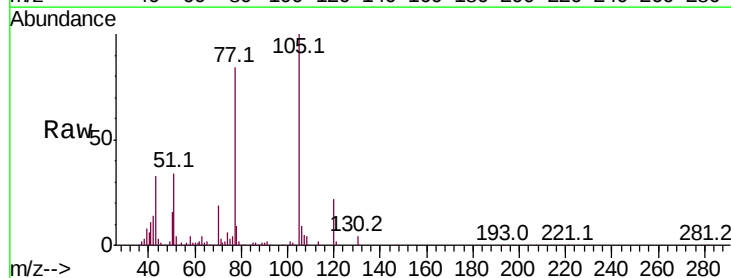
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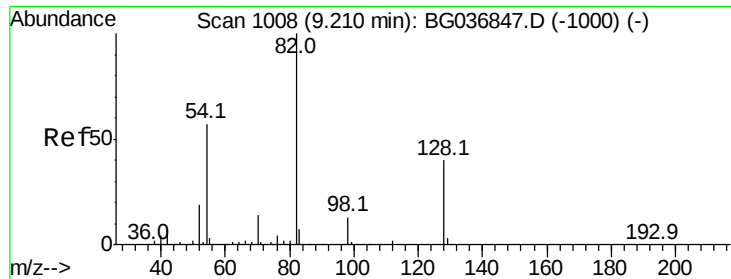
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#22
Acetophenone
Concen: 55.107 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.01 min
Lab File: BG036989.D
Acq: 26 Sep 2018 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	3.3	2.4	3.6	
51	34.3	25.9	38.9	
120	22.0	19.4	29.0	





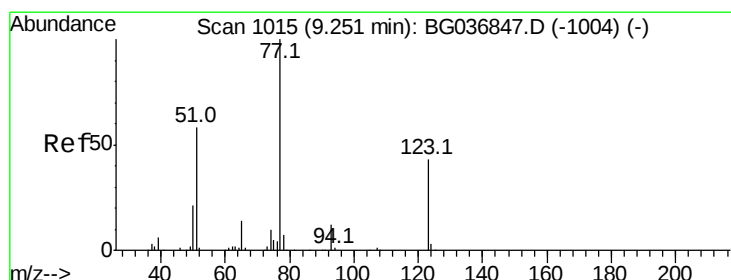
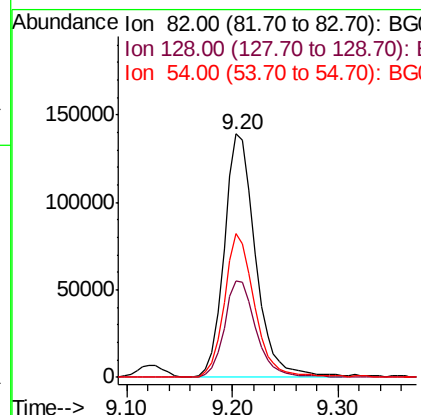
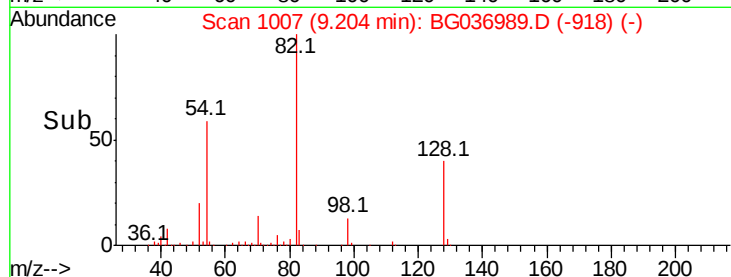
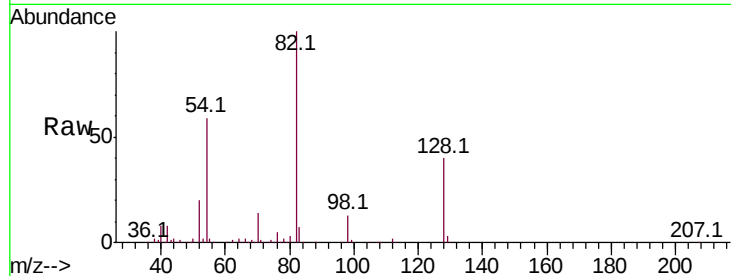
#23
 Nitrobenzene-d5
 Concen: 88.189 ng
 RT: 9.20 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BG036989.D
 Acq: 26 Sep 2018 19:50

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-092518-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	284453		
128	39.9	33.3	49.9	
54	58.9	45.1	67.7	

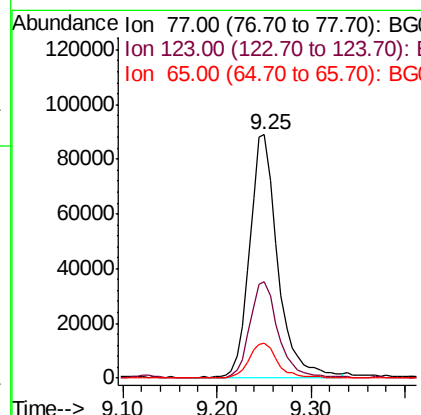
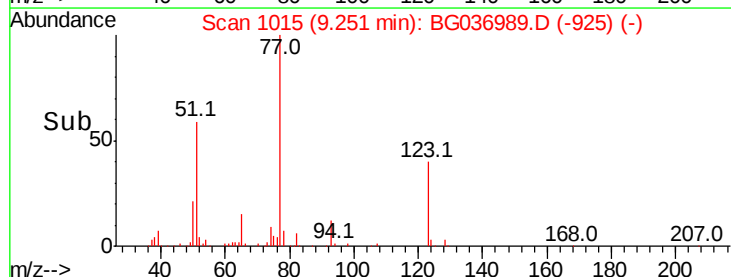
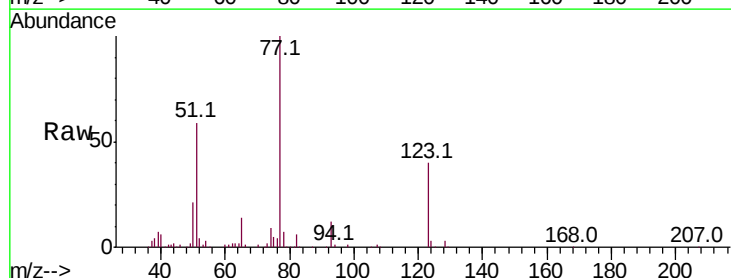
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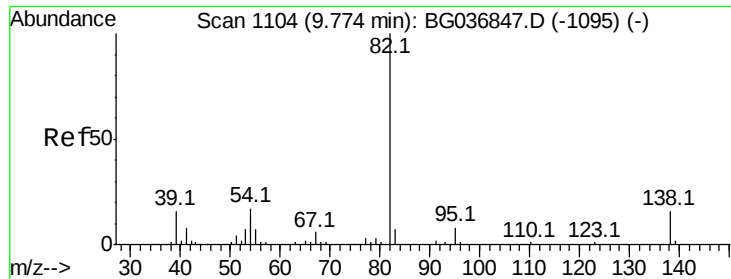
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#24
 Nitrobenzene
 Concen: 53.018 ng
 RT: 9.25 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: BG036989.D
 Acq: 26 Sep 2018 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	182622		
123	39.7	32.4	48.6	
65	14.5	11.5	17.3	





#25

Isophorone

Concen: 59.889 ng

RT: 9.77 min Scan# 1103

Delta R.T. -0.01 min

Lab File: BG036989.D

Acq: 26 Sep 2018 19:50

Instrument :

BNA_G

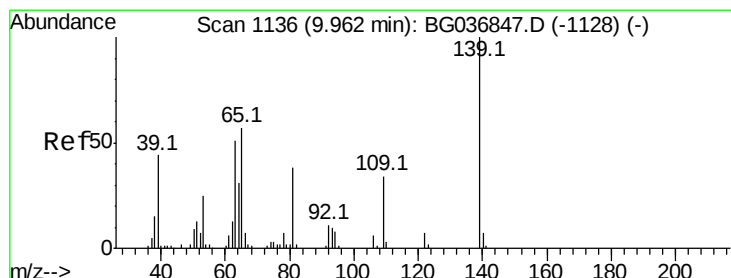
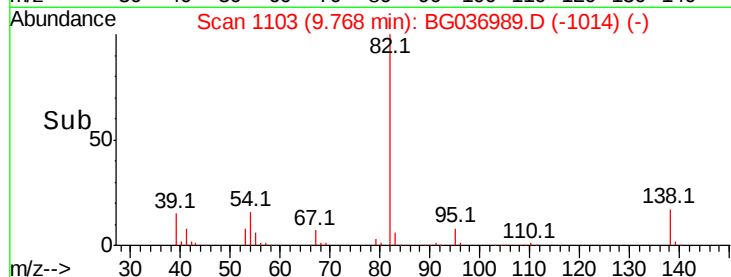
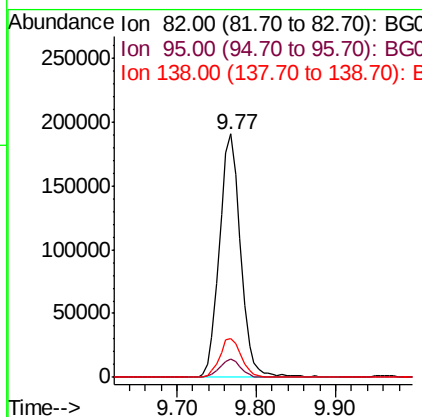
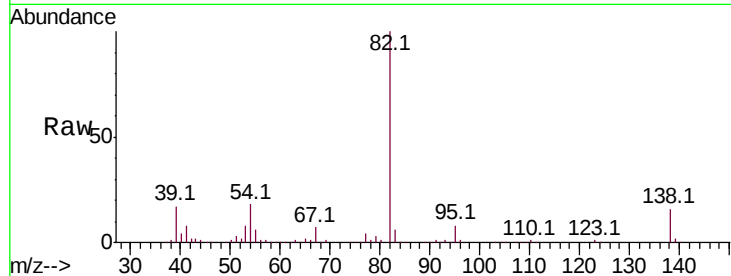
ClientSampleId :

CL-02-092518-AMSD

Tot Ion:	82	Resp:	352967
Ion Ratio	Lower	Upper	
82	100		
95	7.6	5.8	8.8
138	16.1	12.9	19.3

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#26

2-Nitrophenol

Concen: 54.834 ng

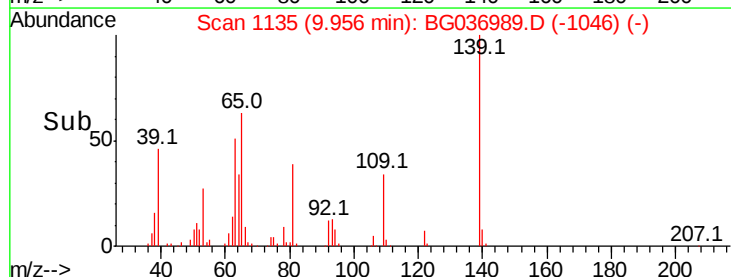
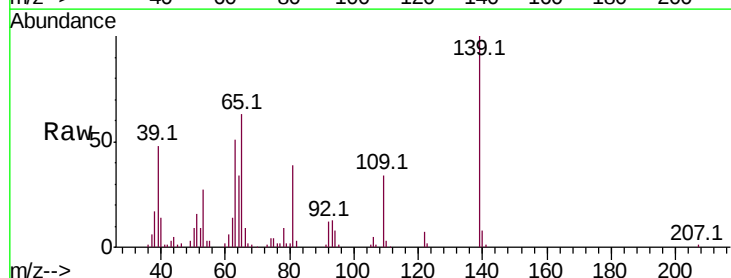
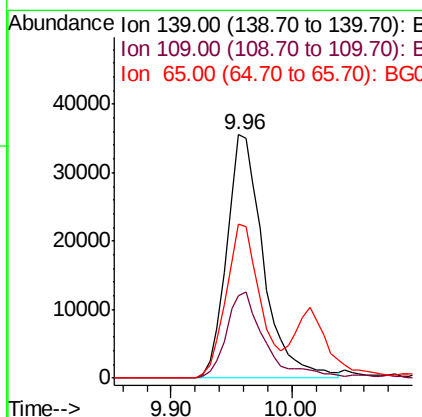
RT: 9.96 min Scan# 1135

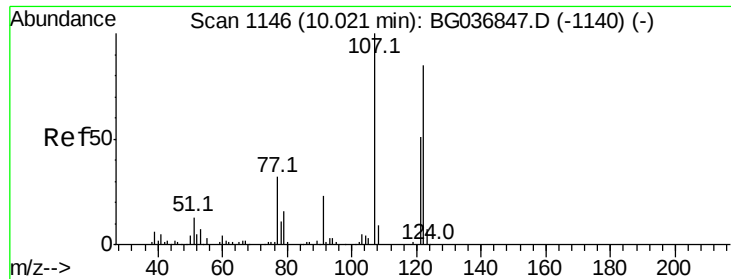
Delta R.T. -0.01 min

Lab File: BG036989.D

Acq: 26 Sep 2018 19:50

Tgt Ion:	139	Resp:	75286
Ion Ratio	Lower	Upper	
139	100		
109	33.9	27.4	41.0
65	63.5	47.8	71.6





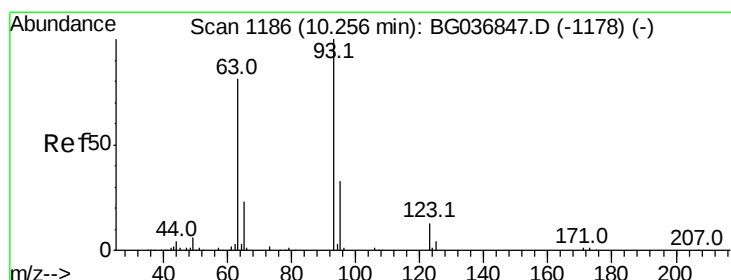
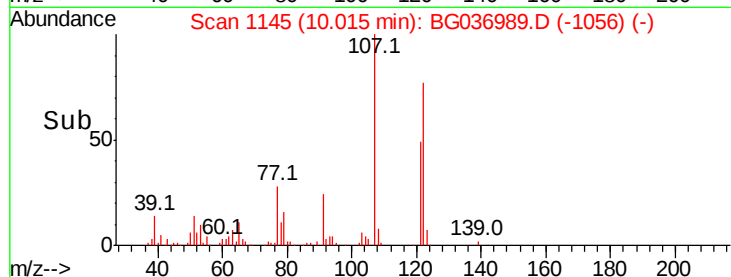
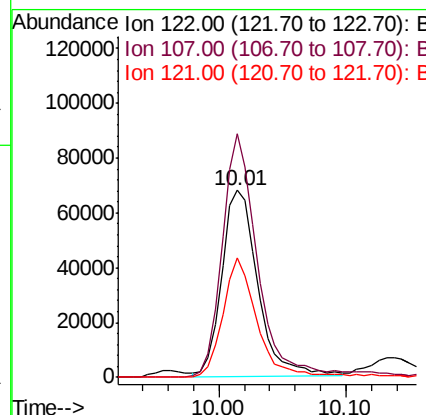
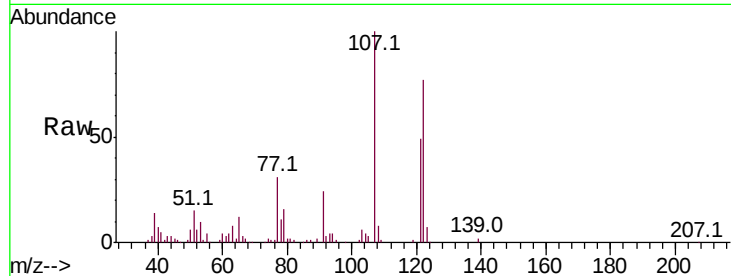
#27
2,4-Dimethylphenol
Concen: 63.242 ng
RT: 10.01 min Scan# 1145
Delta R.T. -0.01 min
Lab File: BG036989.D
Acq: 26 Sep 2018 19:50

Instrument :
BNA_G
ClientSampleId :
CL-02-092518-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	135254		
107	130.4	96.0	144.0	
121	64.0	48.2	72.4	

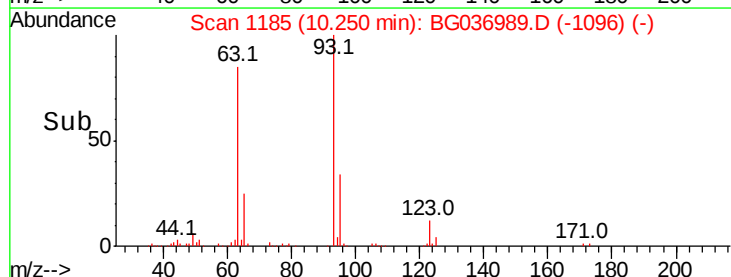
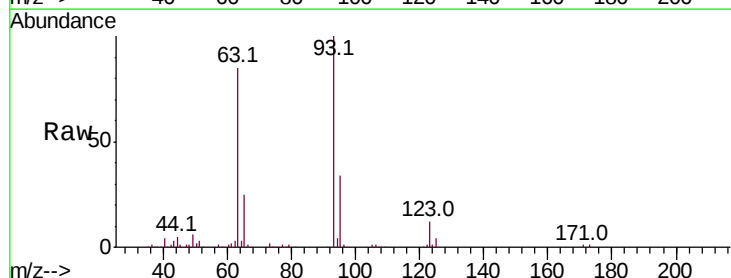
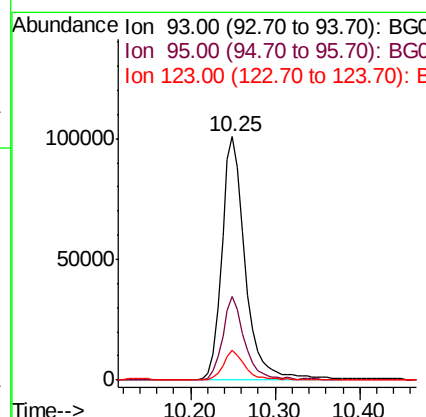
Manual Integrations
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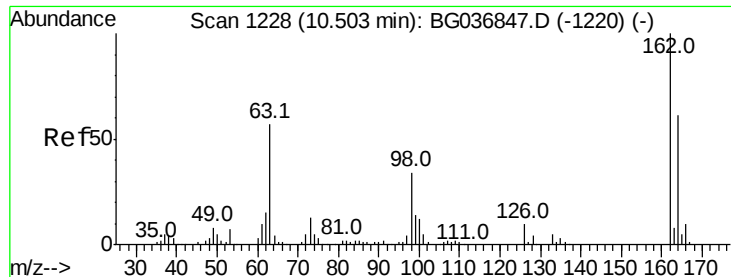
Sohil
9/27/2018 1:37:38 PM



#28
bis(2-Chloroethoxy)methane
Concen: 53.637 ng
RT: 10.25 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BG036989.D
Acq: 26 Sep 2018 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	195063		
95	34.5	25.2	37.8	
123	12.0	8.6	12.8	





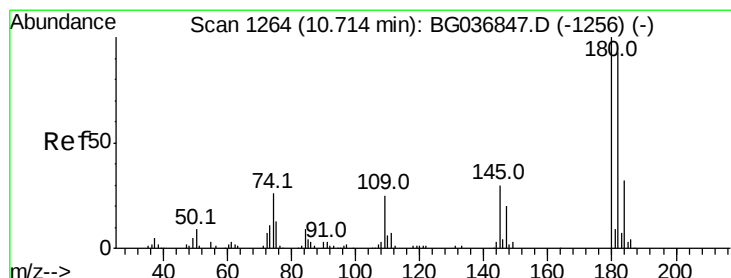
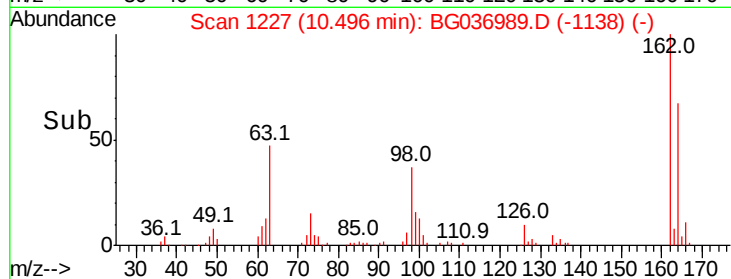
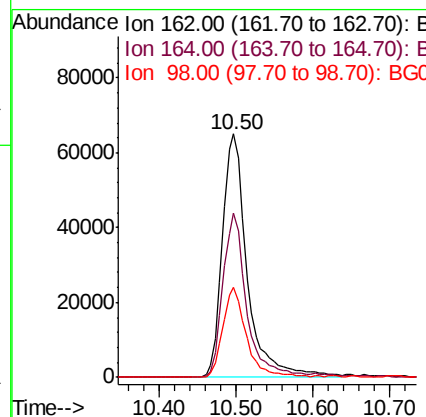
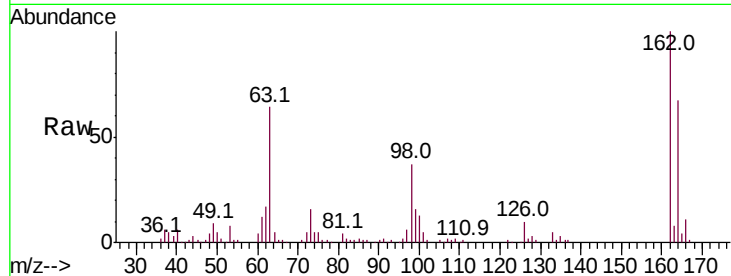
#29
 2,4-Dichlorophenol
 Concen: 58.888 ng
 RT: 10.50 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: BG036989.D
 Acq: 26 Sep 2018 19:50

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-092518-AMSD

Tot Ion:	162	Resp:	145996
Ion Ratio	Lower	Upper	
162	100		
164	67.3	47.6	87.6
98	36.8	19.2	59.2

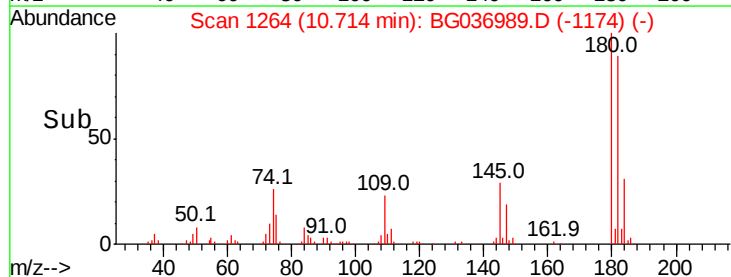
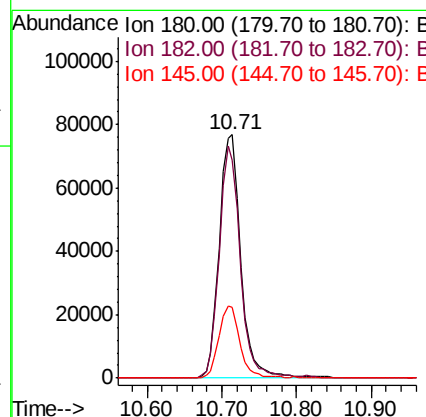
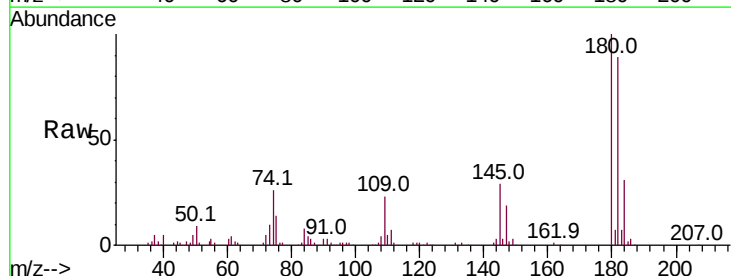
Manual Integrations
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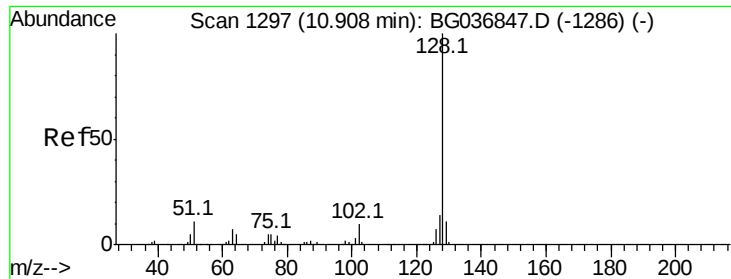
Sohil
 9/27/2018 1:37:38 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 49.605 ng
 RT: 10.71 min Scan# 1264
 Delta R.T. -0.00 min
 Lab File: BG036989.D
 Acq: 26 Sep 2018 19:50

Tgt Ion:	180	Resp:	153906
Ion Ratio	Lower	Upper	
180	100		
182	89.3	76.0	114.0
145	29.1	22.9	34.3





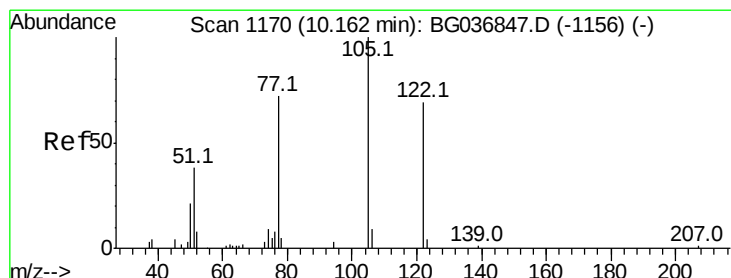
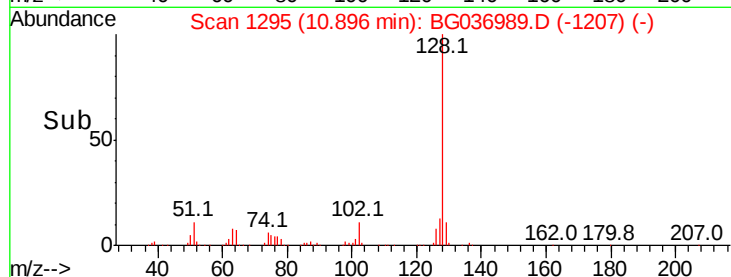
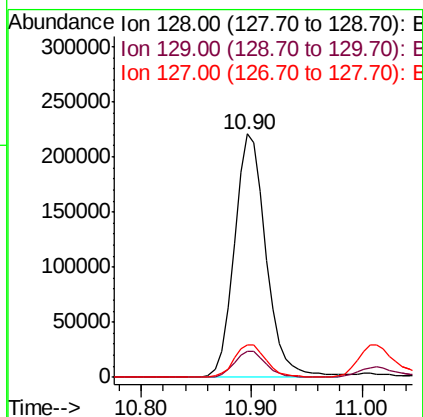
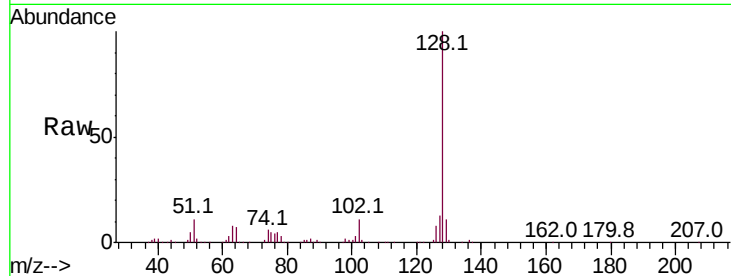
#31
Naphthalene
Concen: 54.066 ng
RT: 10.90 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BG036989.D
Acq: 26 Sep 2018 19:50

Instrument :
BNA_G
ClientSampleId :
CL-02-092518-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	10.9	9.4	14.2	
127	13.4	11.0	16.4	

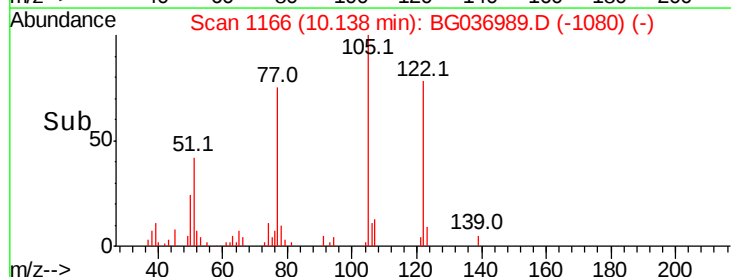
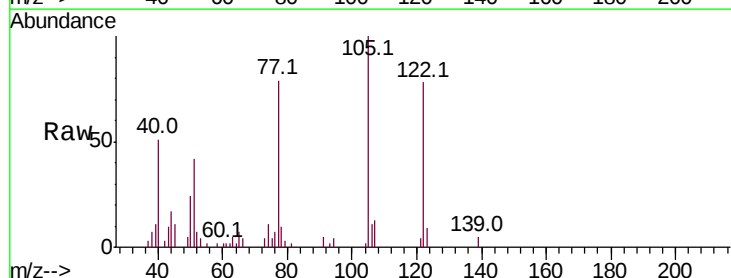
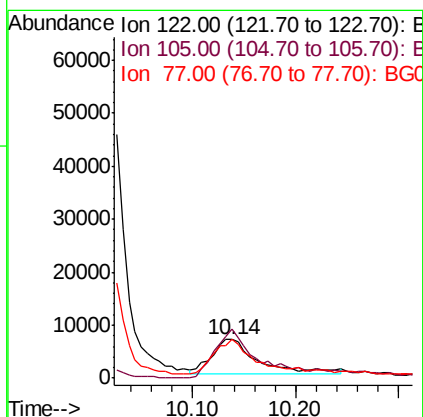
Manual Integrations
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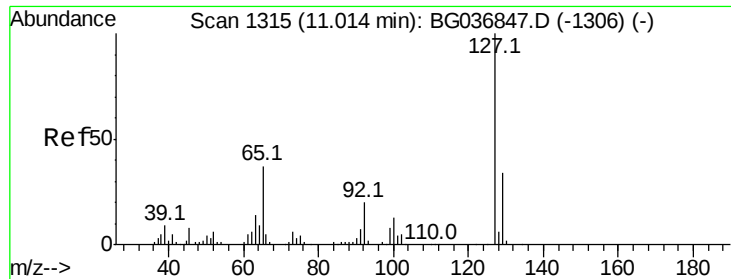
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#32
Benzoic acid
Concen: 16.886 ng m
RT: 10.14 min Scan# 1166
Delta R.T. -0.02 min
Lab File: BG036989.D
Acq: 26 Sep 2018 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	127.5	108.1	148.1	
77	100.9	76.3	116.3	





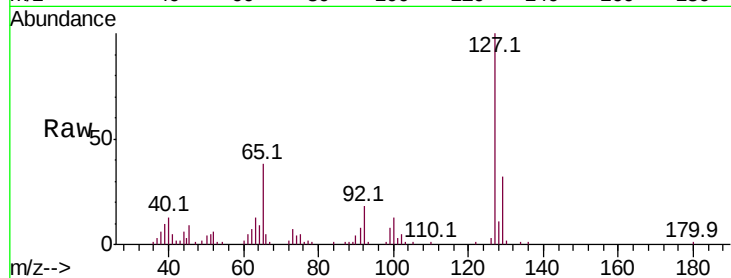
#33
4-Chloroaniline
Concen: 20.000 ng
RT: 11.01 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG036989.D
Acq: 26 Sep 2018 19:50

Instrument :
BNA_G
ClientSampleId :
CL-02-092518-AMSD

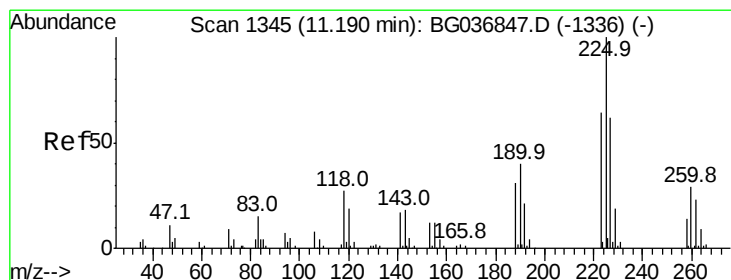
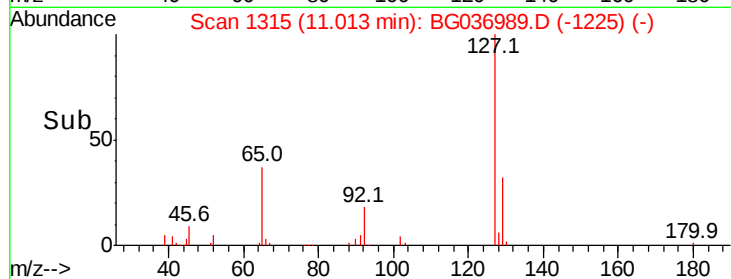
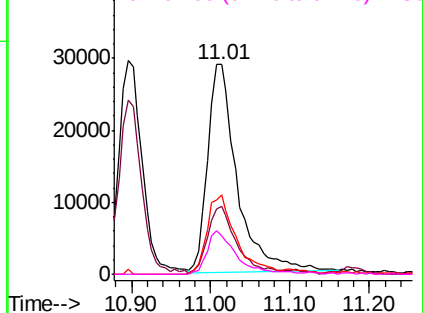
Tot Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.9	38.9
65	37.7	27.5	41.3
92	18.3	16.2	24.2

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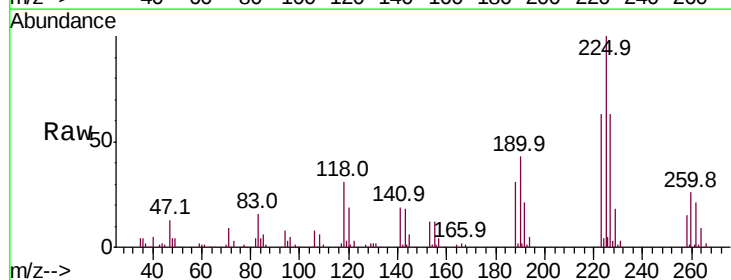


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

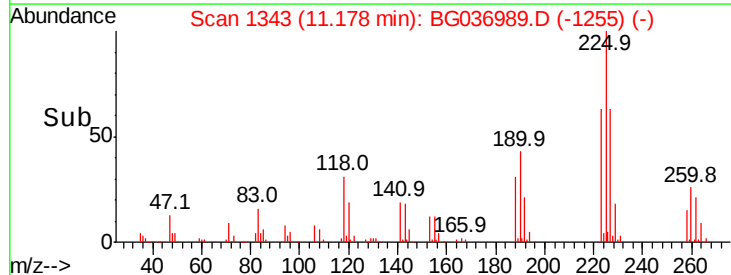
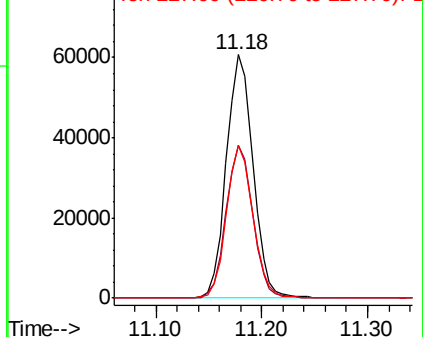


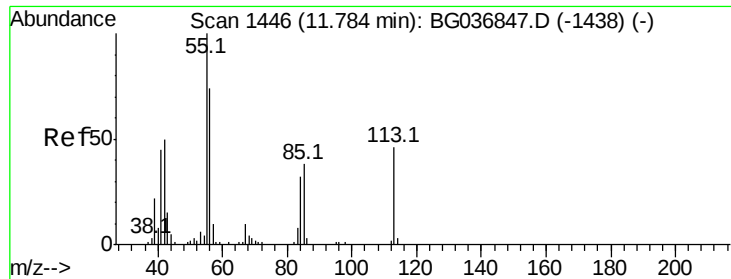
#34
Hexachlorobutadiene
Concen: 49.370 ng
RT: 11.18 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG036989.D
Acq: 26 Sep 2018 19:50

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	51.8	77.8
227	62.8	49.8	74.6



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 37.688 ng/ml

RT: 11.78 min Scan# 1445

Delta R.T. -0.01 min

Lab File: BG036989.D

Acq: 26 Sep 2018 19:50

Instrument :

BNA_G

ClientSampleId :

CL-02-092518-AMSD

Tot Ion:113 Resp: 38457

Ion Ratio Lower Upper

113 100

55 215.8 197.7 237.7

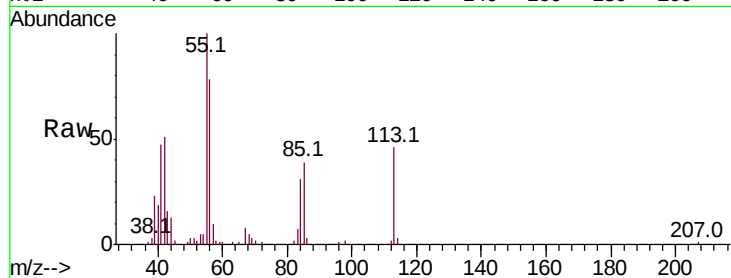
56 168.1 131.7 171.7

Manual Integrations

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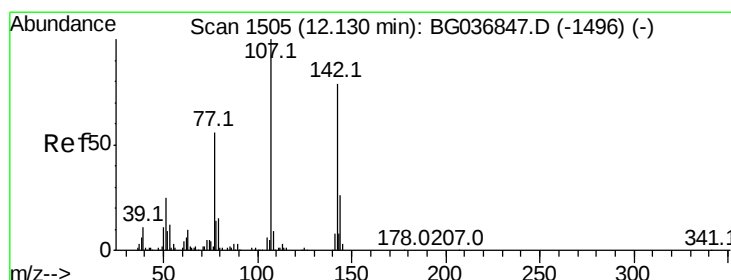
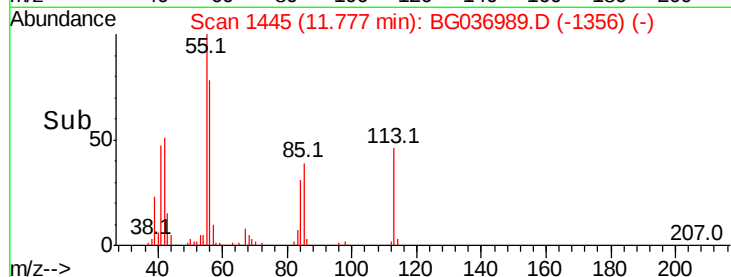
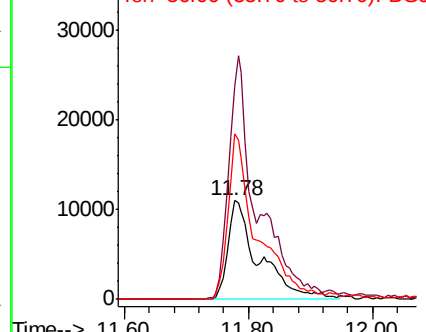
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG036847.D (-1438) (-)

Ion 56.00 (55.70 to 56.70): BG036847.D (-1438) (-)



#36

4-Chloro-3-methylphenol

Concen: 58.002 ng/ml

RT: 12.12 min Scan# 1504

Delta R.T. -0.01 min

Lab File: BG036989.D

Acq: 26 Sep 2018 19:50

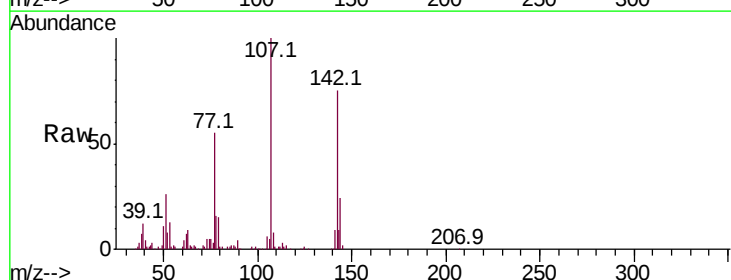
Tgt Ion:107 Resp: 171583

Ion Ratio Lower Upper

107 100

144 24.4 19.5 29.3

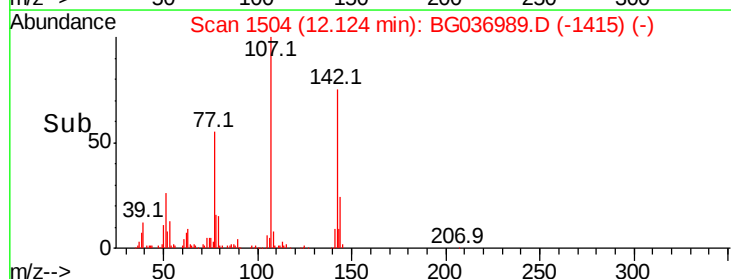
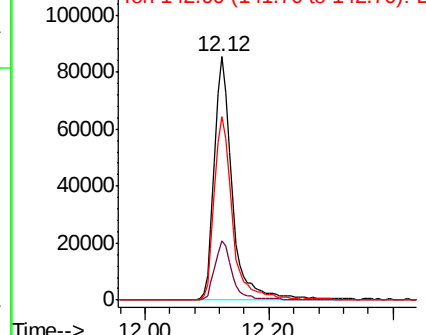
142 75.4 62.4 93.6

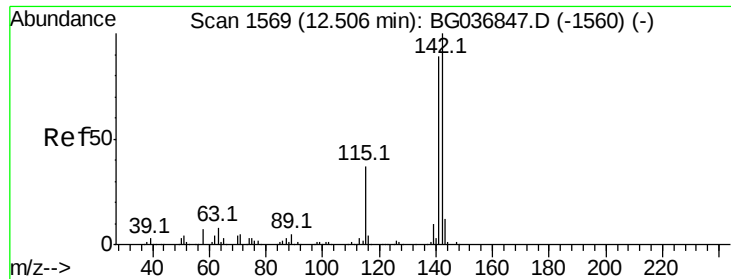


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





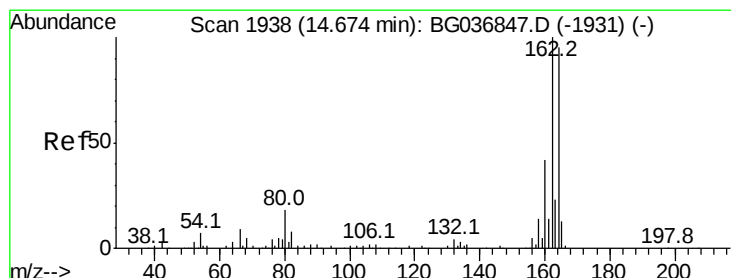
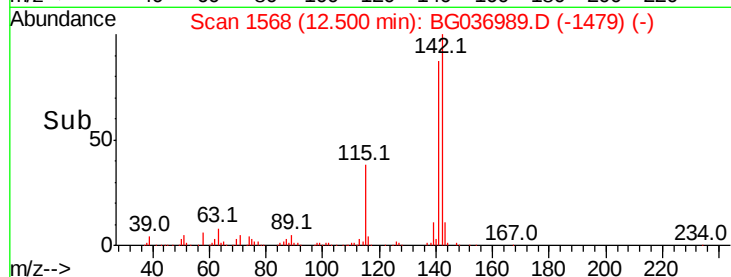
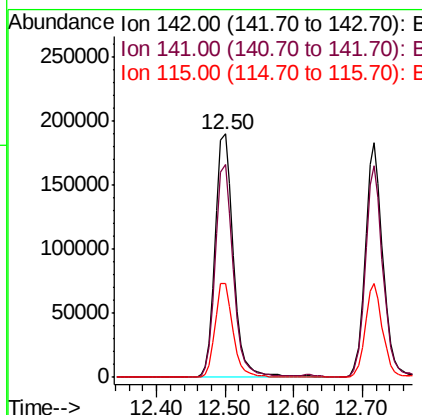
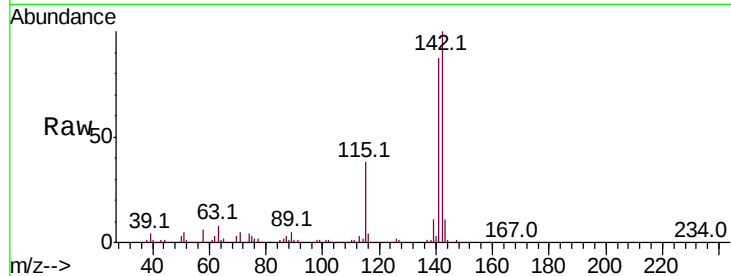
#37
2-Methylnaphthalene
Concen: 55.629 ng
RT: 12.50 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BG036989.D
Acq: 26 Sep 2018 19:50

Instrument :
BNA_G
ClientSampleId :
CL-02-092518-AMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.4	68.5	102.7
115	38.4	29.8	44.8

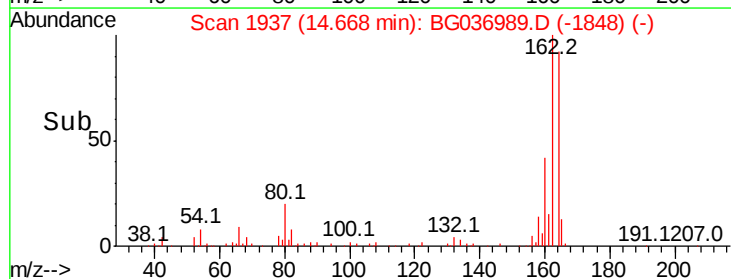
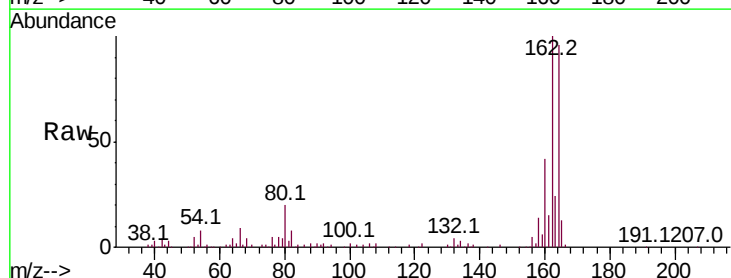
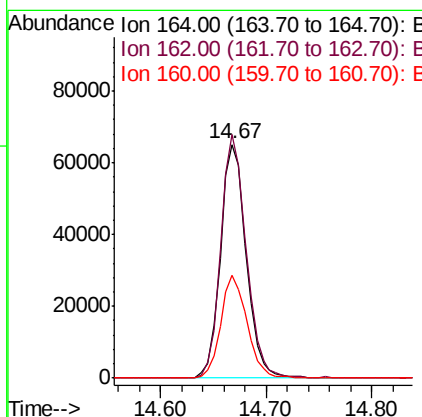
Manual Integrations
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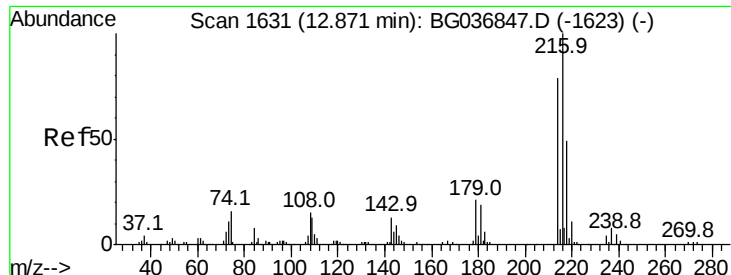
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BG036989.D
Acq: 26 Sep 2018 19:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	80.7	121.1
160	43.9	35.3	52.9





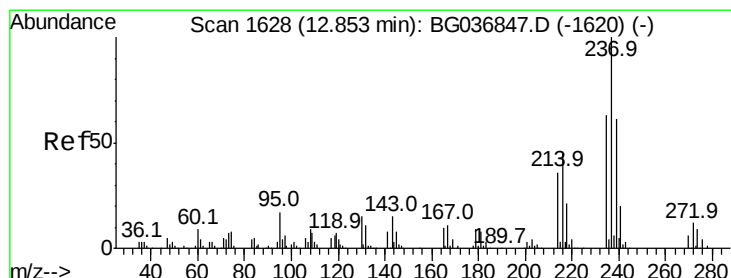
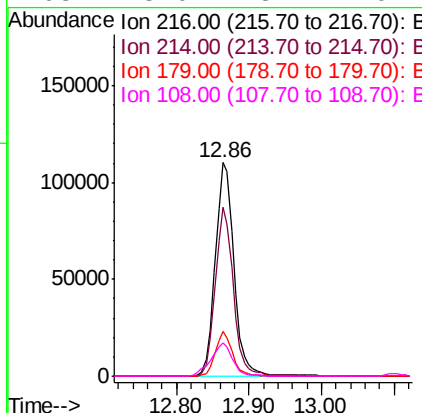
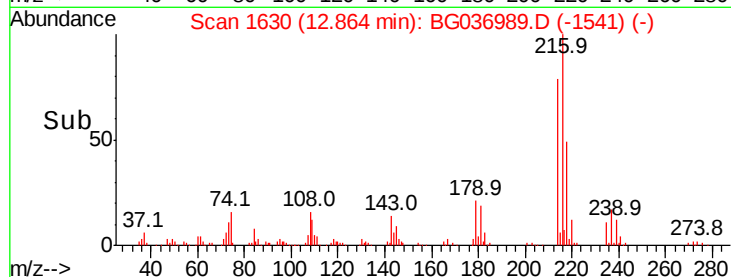
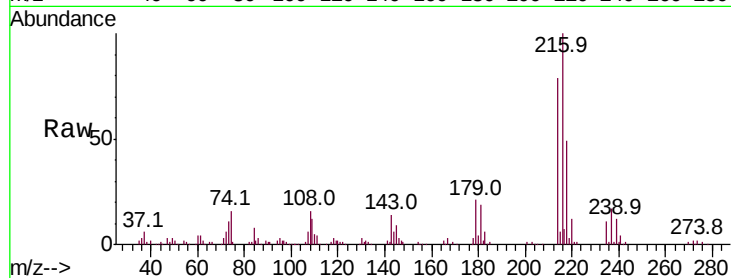
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 51.563 ng
 RT: 12.86 min Scan# 1630
 Delta R.T. -0.01 min
 Lab File: BG036989.D
 Acq: 26 Sep 2018 19:50

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-092518-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	198074		
214	76.0	61.0	91.6	
179	19.4	15.7	23.5	
108	18.0	13.1	19.7	

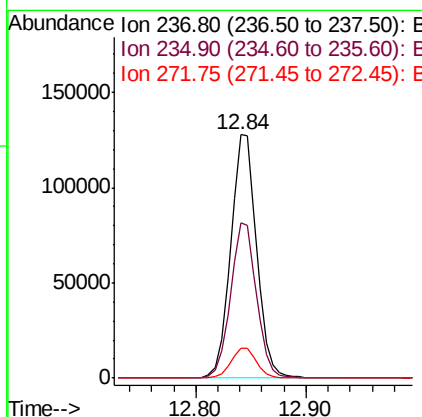
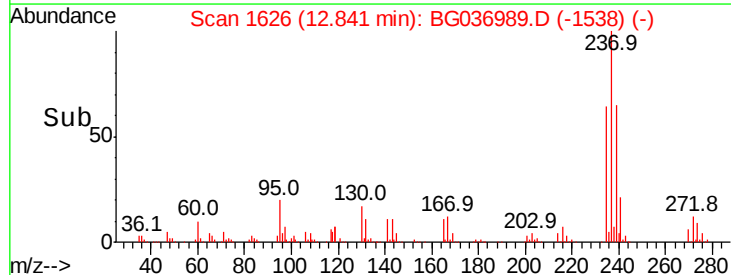
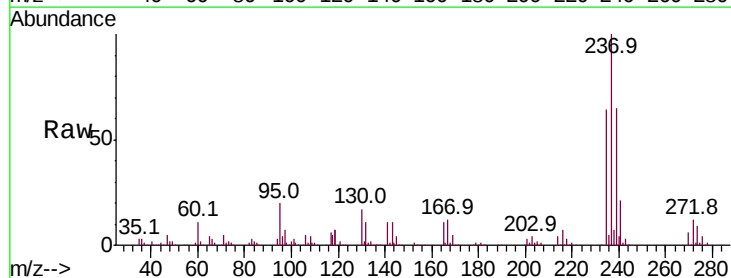
Manual Integrations
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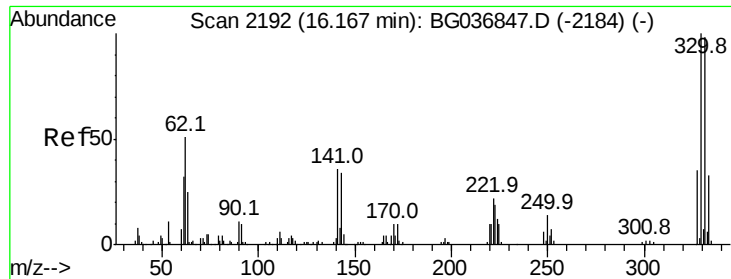
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#40
 Hexachlorocyclopentadiene
 Concen: 106.193 ng
 RT: 12.84 min Scan# 1626
 Delta R.T. -0.01 min
 Lab File: BG036989.D
 Acq: 26 Sep 2018 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	209801		
235	63.9	42.2	82.2	
272	12.4	0.0	32.1	





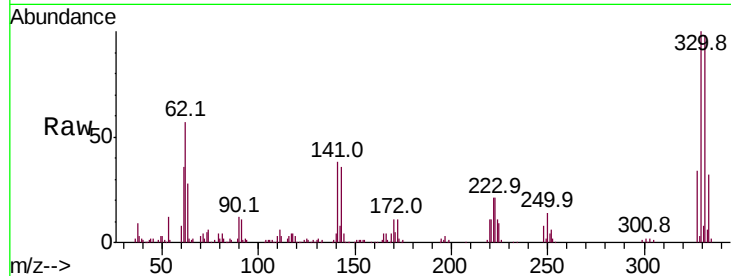
#41
 2,4,6-Tribromophenol
 Concen: 133.822 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036989.D
 Acq: 26 Sep 2018 19:50

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-092518-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	176342		
332	95.8	75.4	113.2	
141	38.7	30.7	46.1	

Manual Integrations
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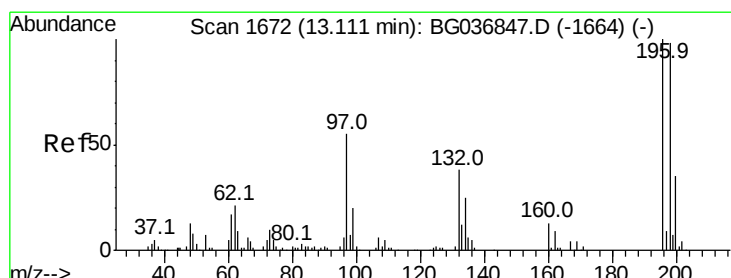
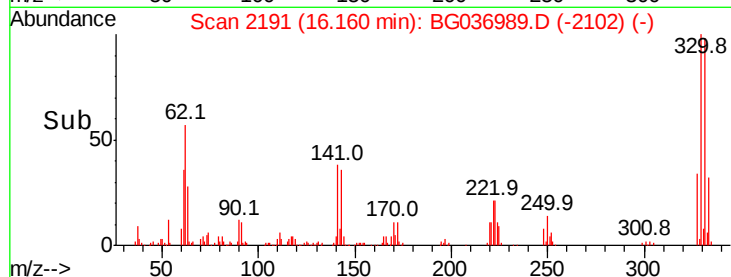
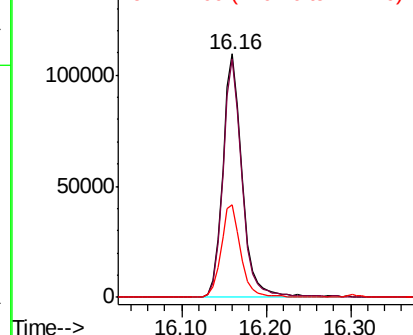


Abundance

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: 58.781 ng
 RT: 13.11 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: BG036989.D
 Acq: 26 Sep 2018 19:50

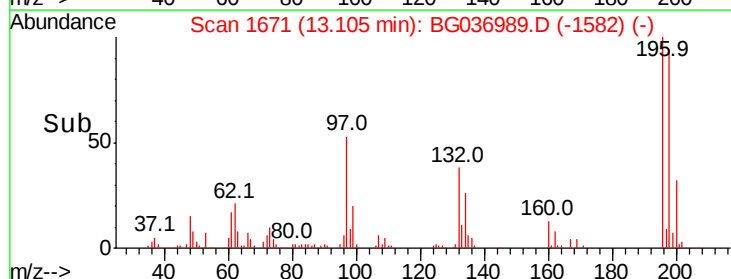
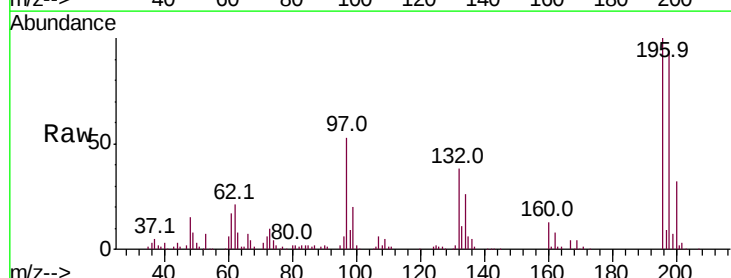
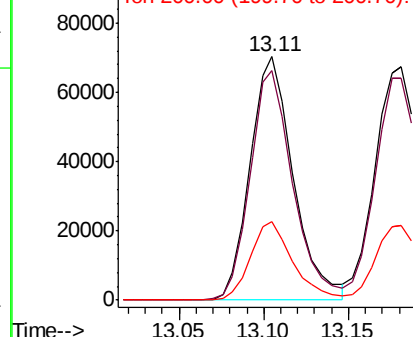
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	125390		
198	94.2	77.2	115.8	
200	32.4	26.3	39.5	

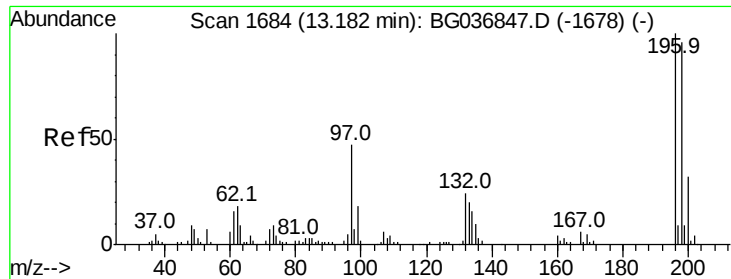
Abundance

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





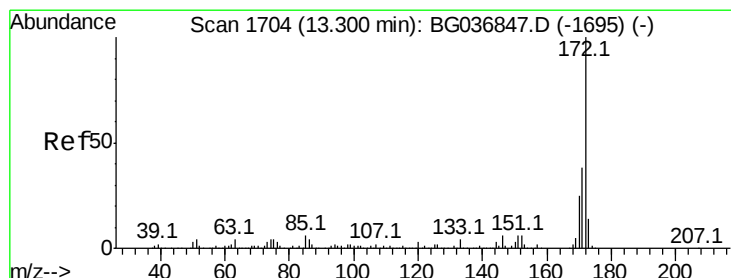
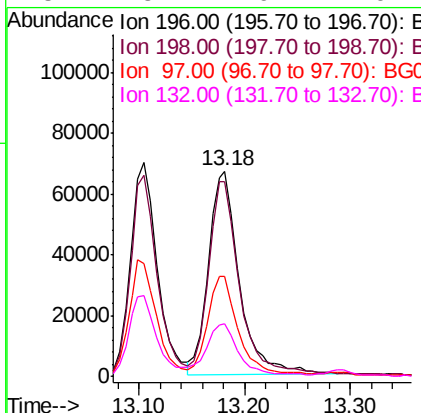
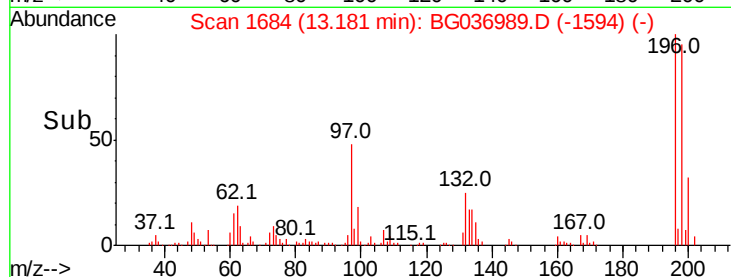
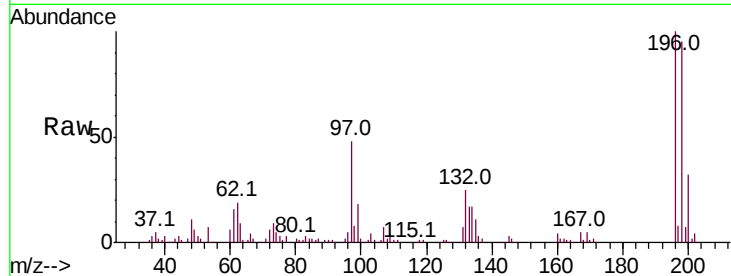
#43
 2,4,5-Trichlorophenol
 Concen: 59.985 ng
 RT: 13.18 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: BG036989.D
 Acq: 26 Sep 2018 19:50

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-092518-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	136441		
198	94.9	75.6	113.4	
97	48.5	37.2	55.8	
132	25.4	19.4	29.2	

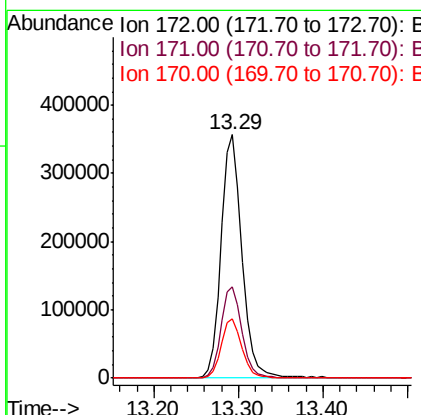
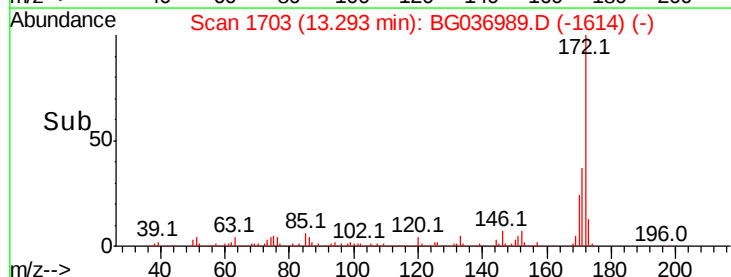
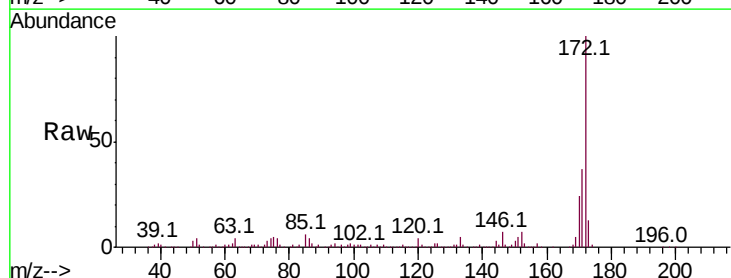
Manual Integrations
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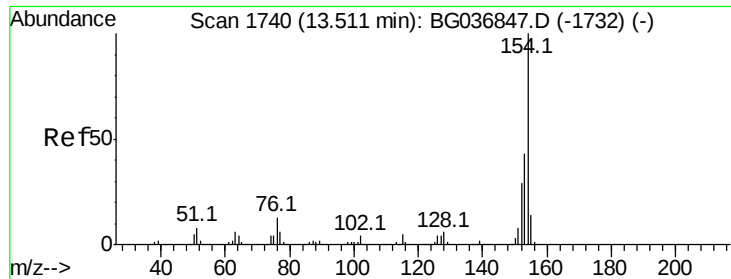
Sohil
 9/27/2018 1:37:38 PM



#44
 2-Fluorobiphenyl
 Concen: 82.664 ng
 RT: 13.29 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG036989.D
 Acq: 26 Sep 2018 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	611288		
171	37.5	31.3	46.9	
170	24.4	21.0	31.6	





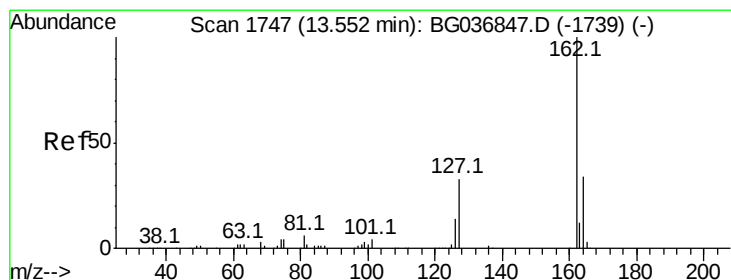
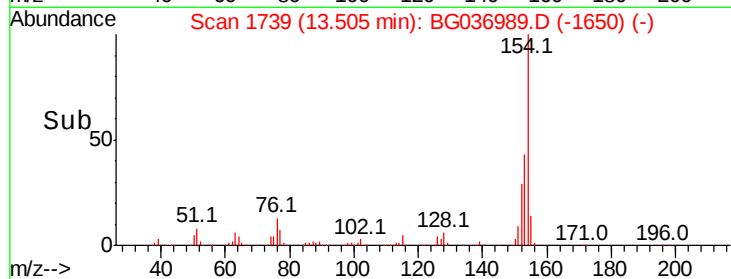
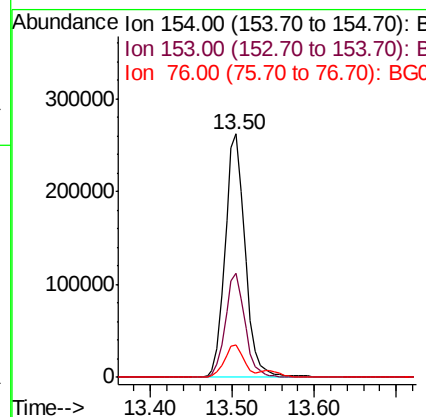
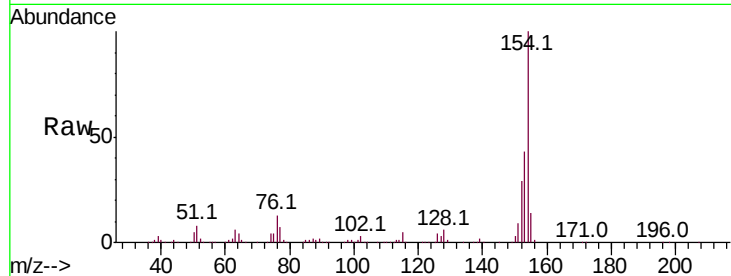
#45
 1,1'-Biphenyl
 Concen: 53.082 ng
 RT: 13.50 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: BG036989.D
 Acq: 26 Sep 2018 19:50

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-092518-AMSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.5	24.0	64.0
76	13.4	0.0	32.9

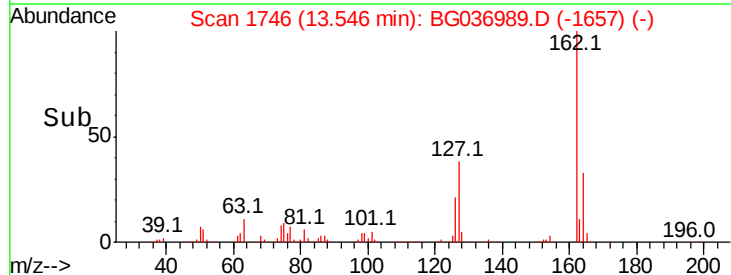
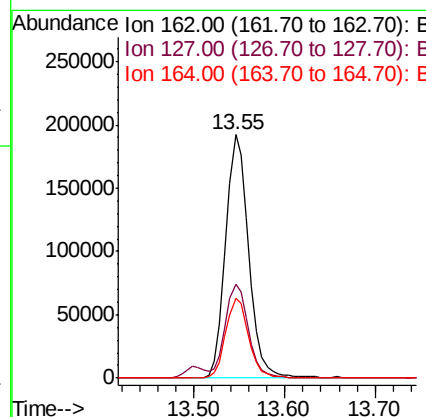
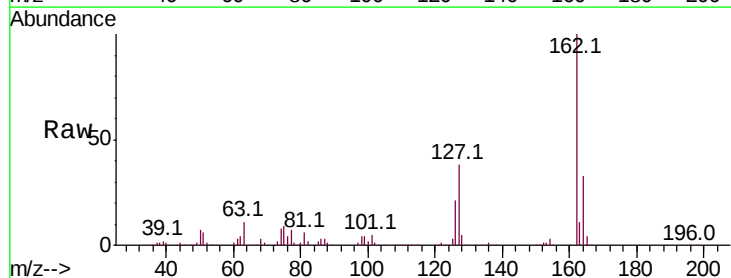
Manual Integrations
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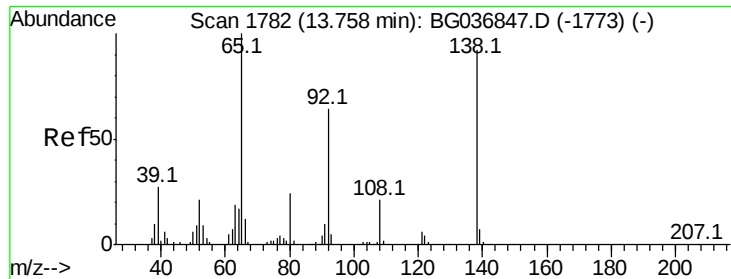
Sohil
 9/27/2018 1:37:38 PM



#46
 2-Chloronaphthalene
 Concen: 51.239 ng
 RT: 13.55 min Scan# 1746
 Delta R.T. -0.01 min
 Lab File: BG036989.D
 Acq: 26 Sep 2018 19:50

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.5	30.7	46.1
164	33.0	26.7	40.1





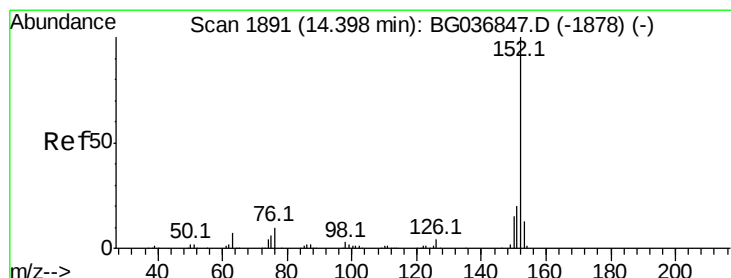
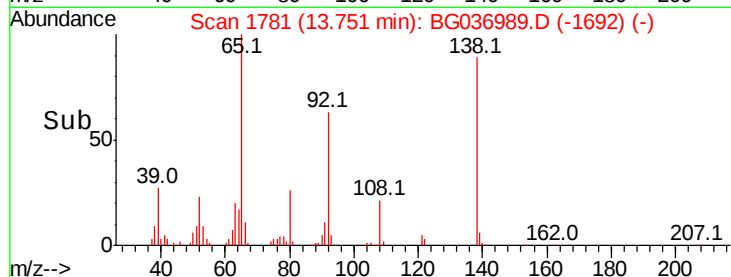
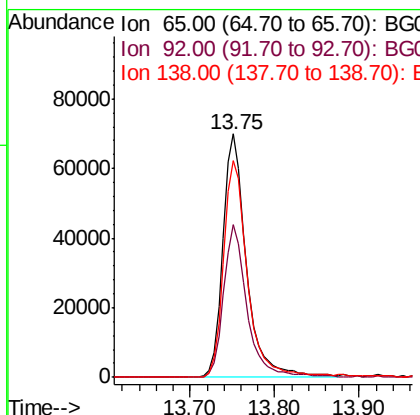
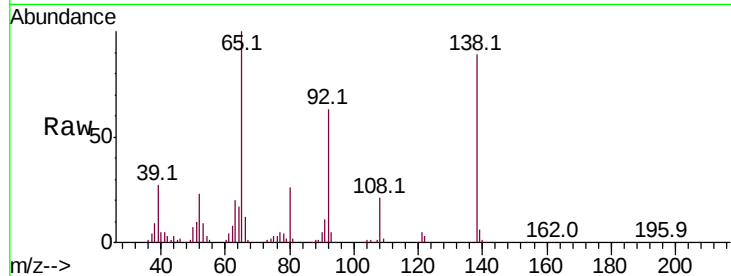
#47
2-Nitroaniline
Concen: 58.752 ng
RT: 13.75 min Scan# 1781
Delta R.T. -0.01 min
Lab File: BG036989.D
Acq: 26 Sep 2018 19:50

Instrument :
BNA_G
ClientSampleId :
CL-02-092518-AMSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	62.8	49.9	74.9
138	89.0	76.2	114.4

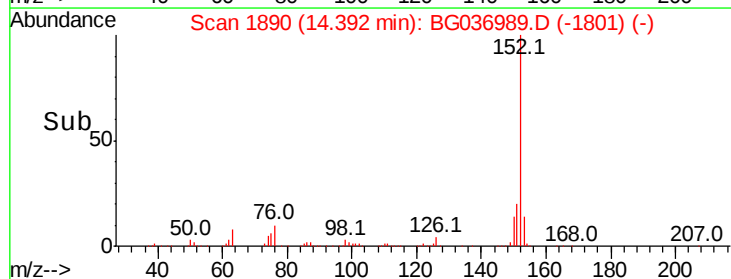
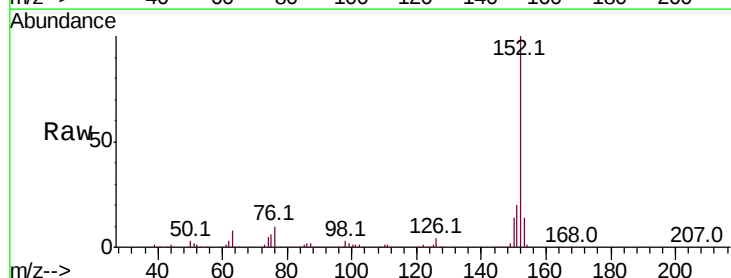
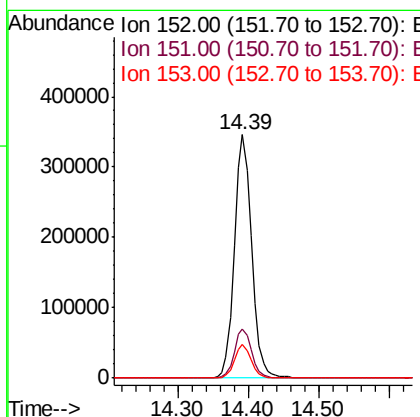
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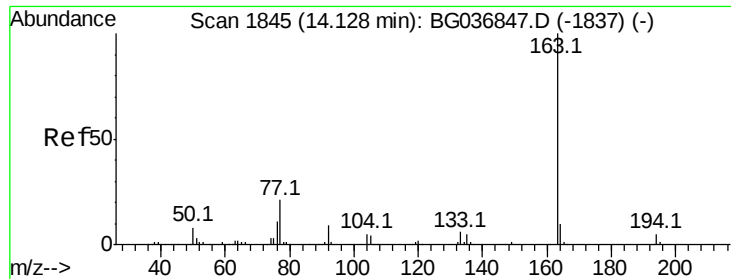
Sohil
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#48
Acenaphthylene
Concen: 56.560 ng
RT: 14.39 min Scan# 1890
Delta R.T. -0.01 min
Lab File: BG036989.D
Acq: 26 Sep 2018 19:50

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.9	25.3
153	14.0	11.2	16.8





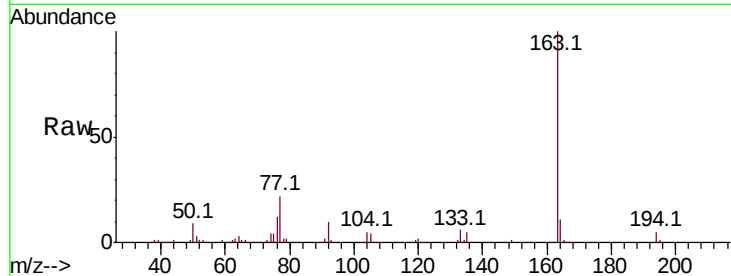
#49
Dimethylphthalate
Concen: 53.213 ng
RT: 14.12 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BG036989.D
Acq: 26 Sep 2018 19:50

Instrument :
BNA_G
ClientSampleId :
CL-02-092518-AMSD

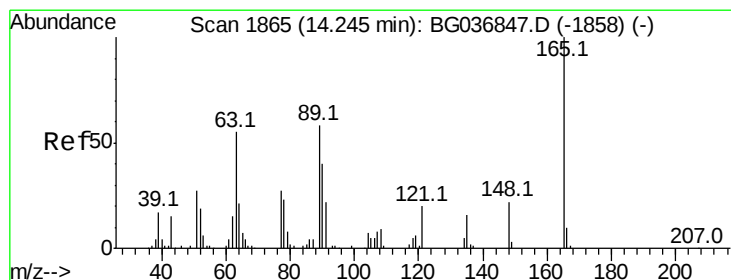
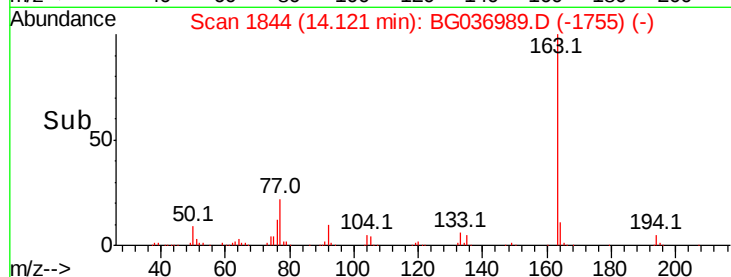
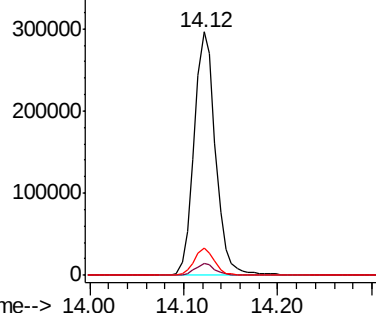
Tot Ion:163	Resp:	471752
Ion Ratio	Lower	Upper
163 100		
194 4.9	4.0	6.0
164 11.0	8.1	12.1

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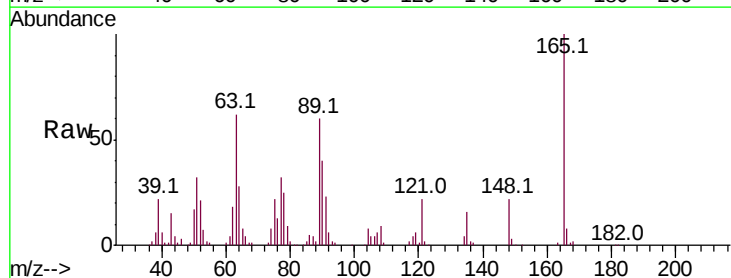


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

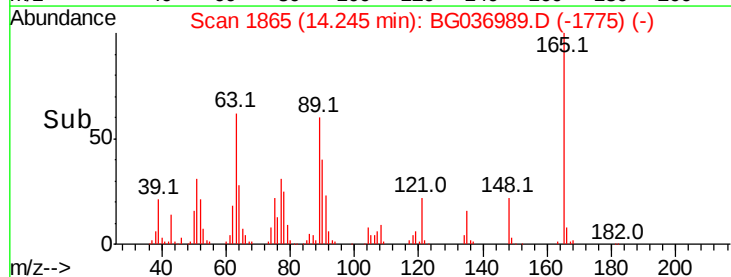
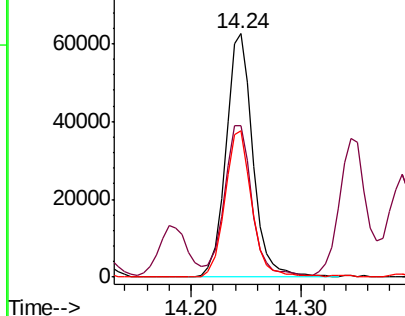


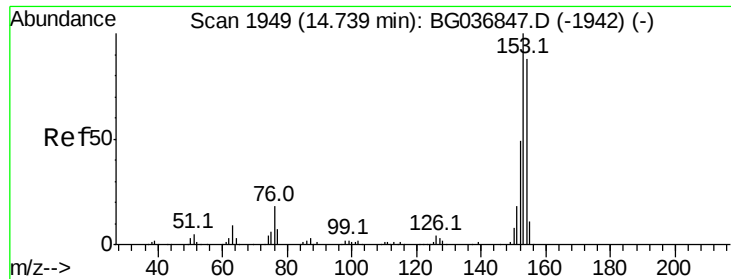
#50
2,6-Dinitrotoluene
Concen: 55.197 ng
RT: 14.24 min Scan# 1865
Delta R.T. -0.00 min
Lab File: BG036989.D
Acq: 26 Sep 2018 19:50

Tgt Ion:165	Resp:	106765
Ion Ratio	Lower	Upper
165 100		
63 62.0	50.1	75.1
89 60.0	47.8	71.6



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG





#51

Acenaphthene

Concen: 53.246 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG036989.D

Acq: 26 Sep 2018 19:50

Instrument :

BNA_G

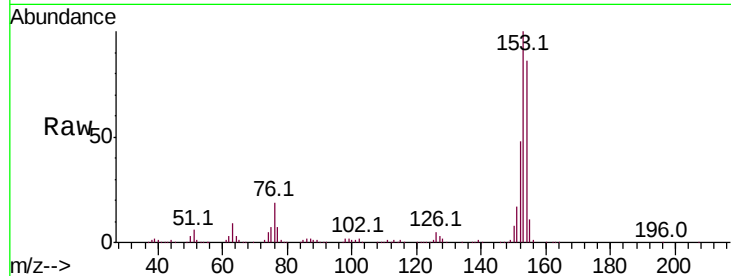
ClientSampleId :

CL-02-092518-AMSD

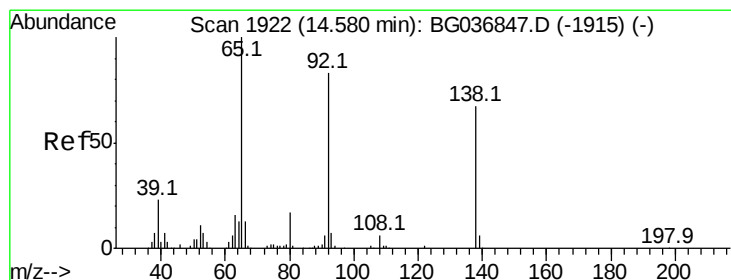
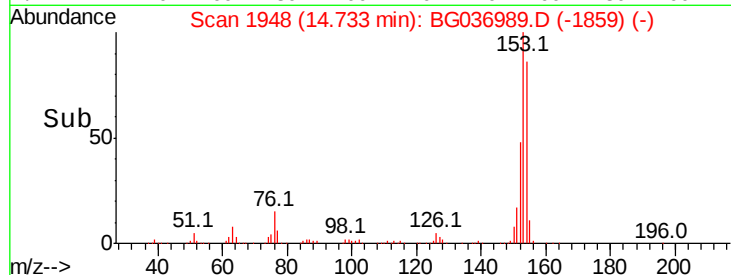
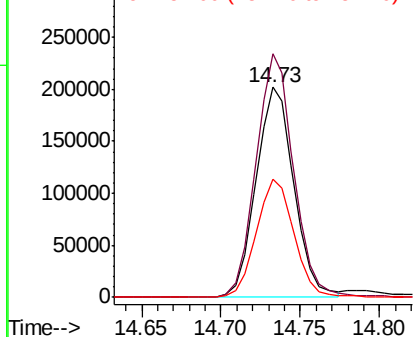
Tot Ion:	154	Resp:	334504
Ion Ratio	Lower	Upper	
154	100		
153	115.9	91.8	137.6
152	56.0	43.5	65.3

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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: 35.961 ng

RT: 14.57 min Scan# 1921

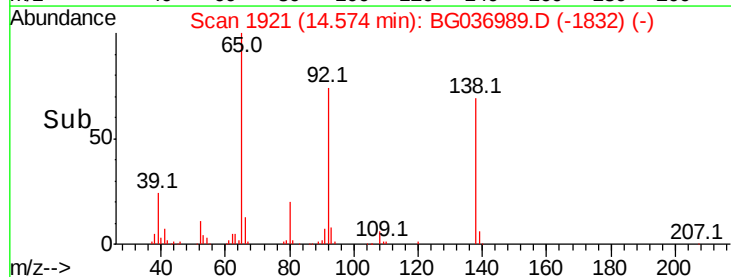
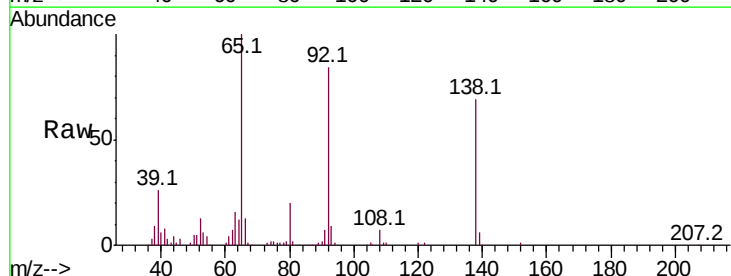
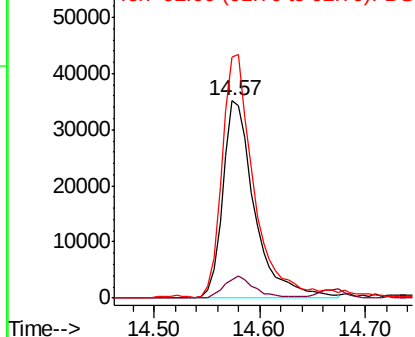
Delta R.T. -0.01 min

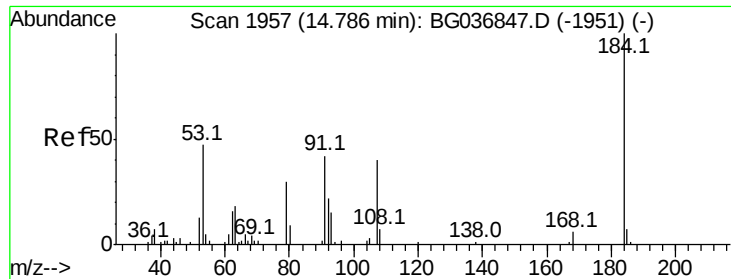
Lab File: BG036989.D

Acq: 26 Sep 2018 19:50

Tgt Ion:	138	Resp:	73297
Ion Ratio	Lower	Upper	
138	100		
108	9.6	9.4	14.2
92	122.1	96.8	145.2

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): BG





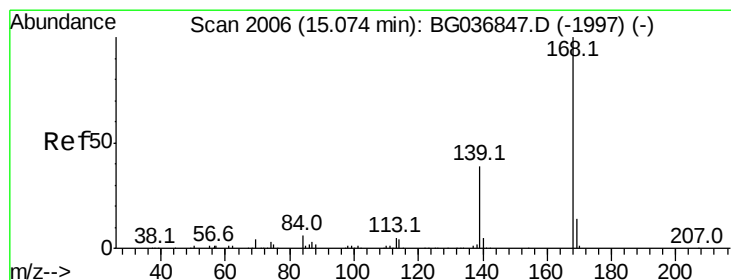
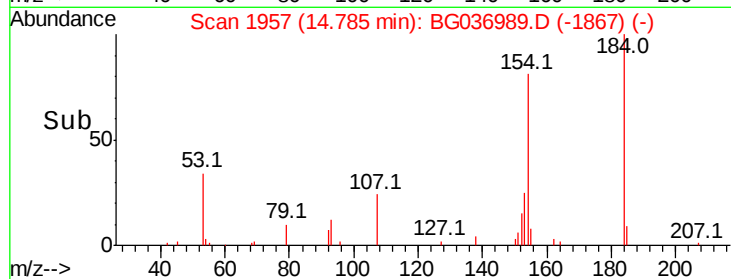
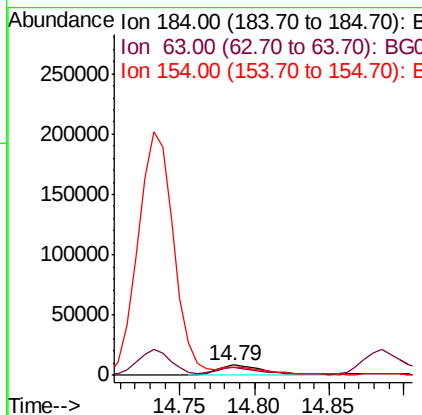
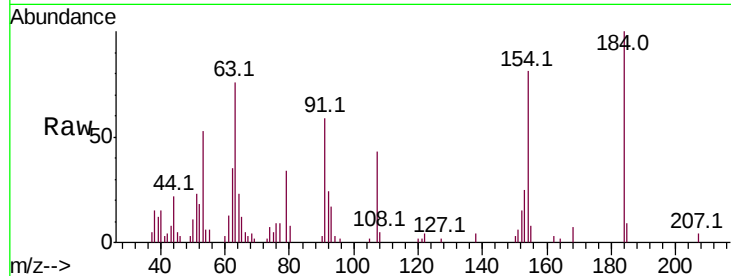
#53
 2,4-Dinitrophenol
 Concen: 28.153 ng
 RT: 14.79 min Scan# 1957
 Delta R.T. -0.00 min
 Lab File: BG036989.D
 Acq: 26 Sep 2018 19:50

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-092518-AMSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	75.7	47.3	70.9#
154	81.2	51.1	76.7#

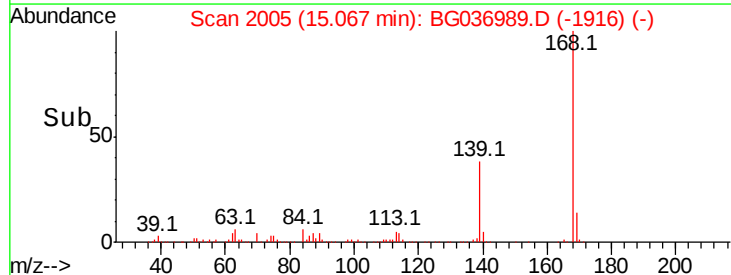
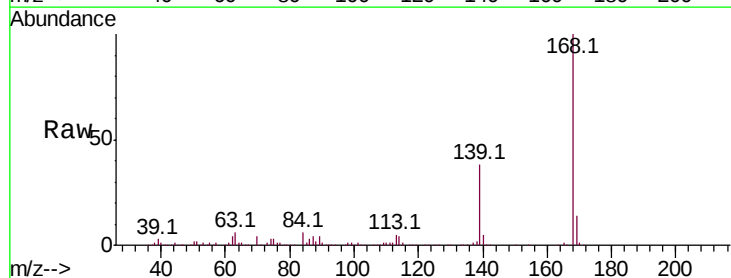
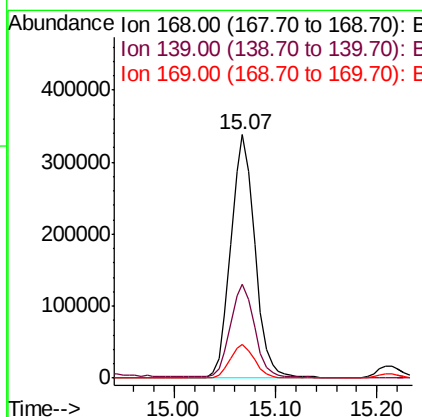
Manual Integrations
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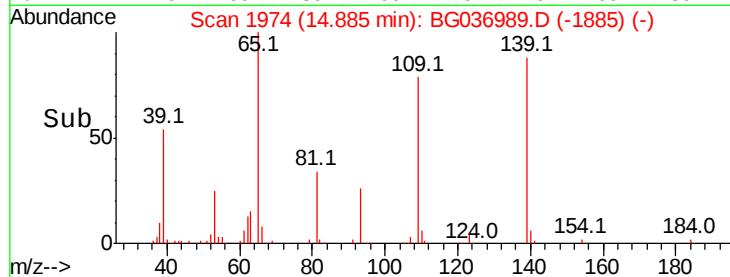
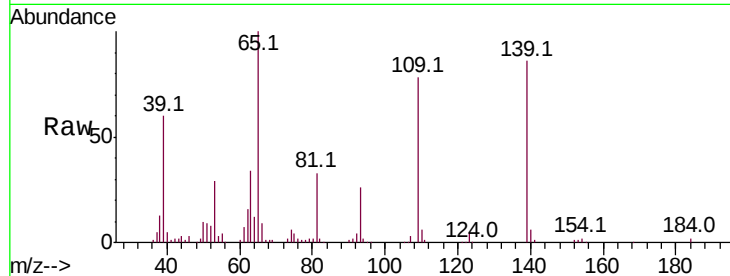
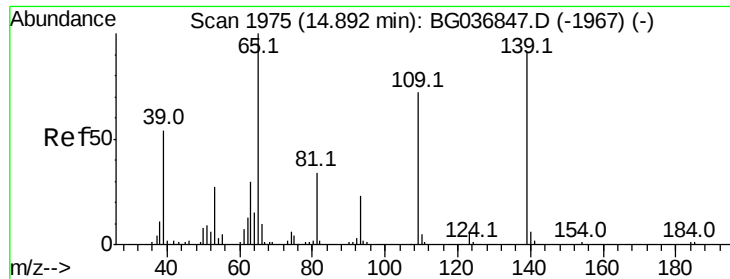
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#54
 Dibenzofuran
 Concen: 52.665 ng
 RT: 15.07 min Scan# 2005
 Delta R.T. -0.01 min
 Lab File: BG036989.D
 Acq: 26 Sep 2018 19:50

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.5	31.0	46.6
169	13.7	11.1	16.7





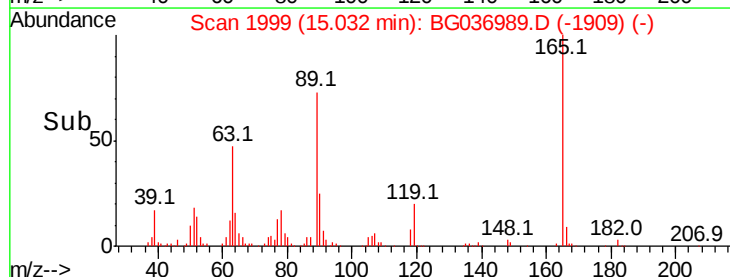
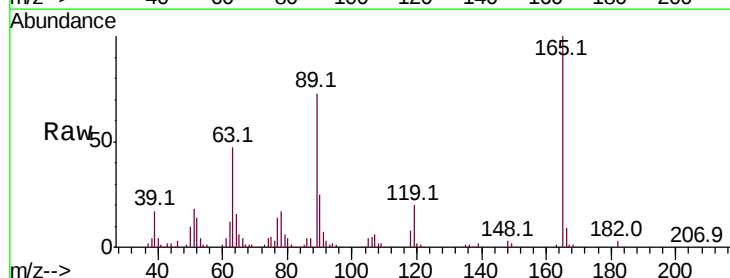
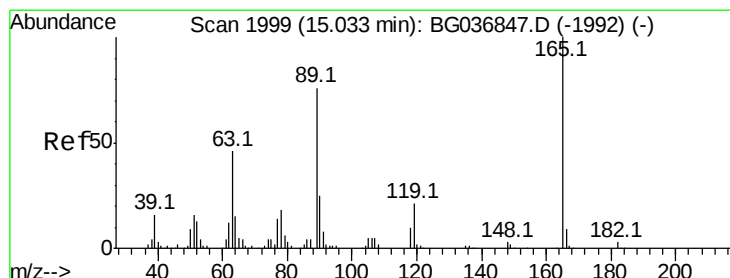
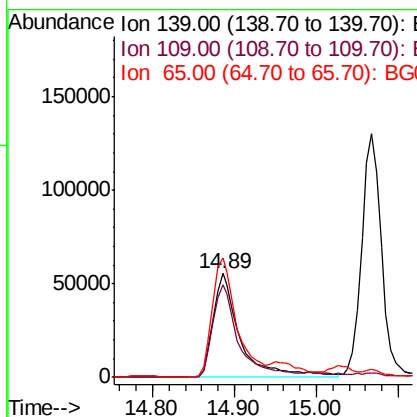
#55
4-Nitrophenol
Concen: 98.946 ng
RT: 14.89 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG036989.D
Acq: 26 Sep 2018 19:50

Instrument :
BNA_G
ClientSampleId :
CL-02-092518-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	89.9	63.9	103.9	
65	115.7	90.0	130.0	

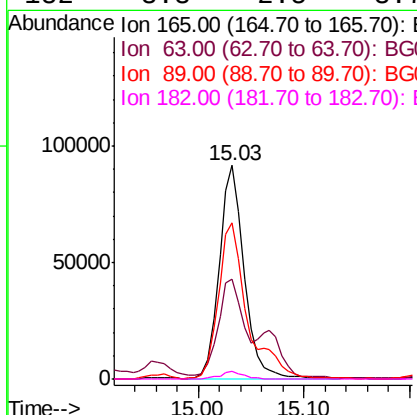
Manual Integrations
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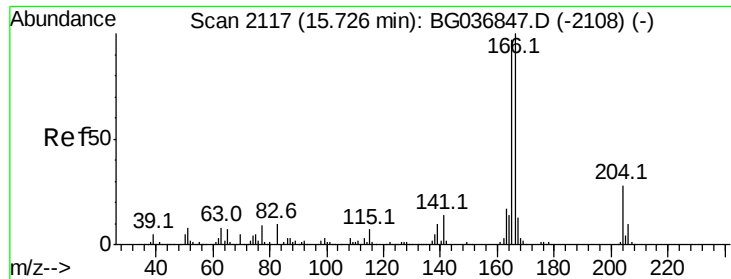
Sohil
9/27/2018 1:37:38 PM



#56
2,4-Dinitrotoluene
Concen: 55.728 ng
RT: 15.03 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BG036989.D
Acq: 26 Sep 2018 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	46.9	40.1	60.1	
89	73.1	63.7	95.5	
182	3.3	2.5	3.7	





#57

Fluorene

Concen: 56.452 ng

RT: 15.71 min Scan# 2115

Delta R.T. -0.01 min

Lab File: BG036989.D

Acq: 26 Sep 2018 19:50

Instrument :

BNA_G

ClientSampleId :

CL-02-092518-AMSD

Tot Ion:166 Resp: 448368

Ion Ratio Lower Upper

166 100

165 99.1 77.0 115.4

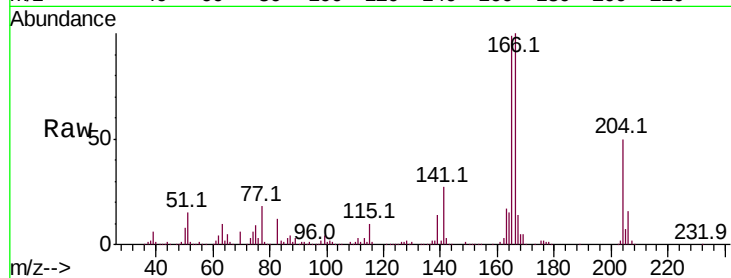
167 14.3 10.6 16.0

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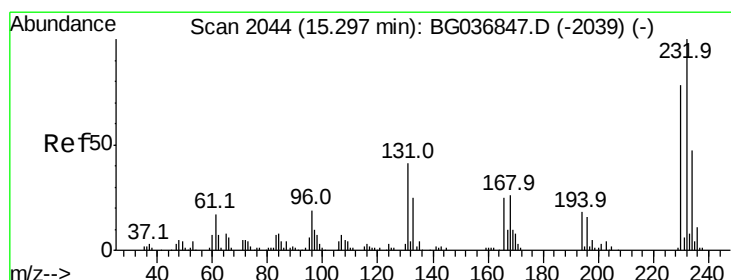
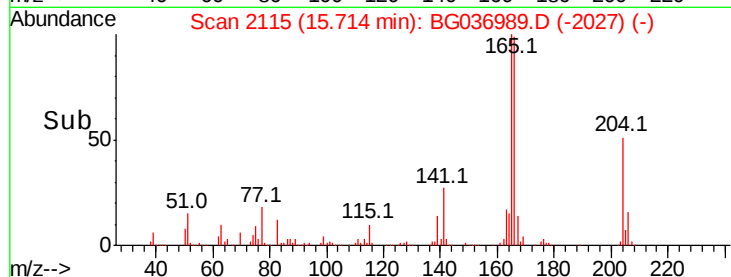
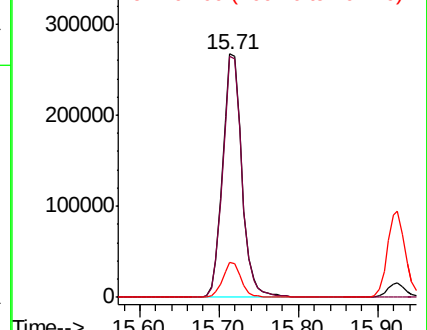
9/27/2018 1:37:38 PM



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: 58.979 ng

RT: 15.29 min Scan# 2043

Delta R.T. -0.01 min

Lab File: BG036989.D

Acq: 26 Sep 2018 19:50

Tgt Ion:232 Resp: 136091

Ion Ratio Lower Upper

232 100

131 40.6 33.8 50.8

130 2.6 2.1 3.1

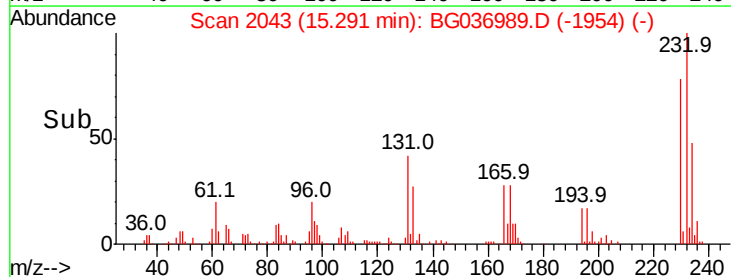
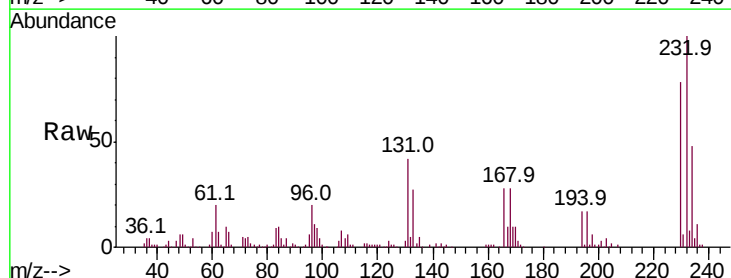
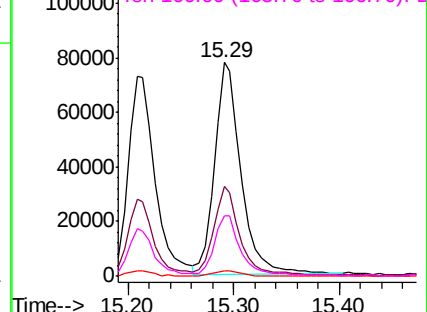
166 27.5 22.3 33.5

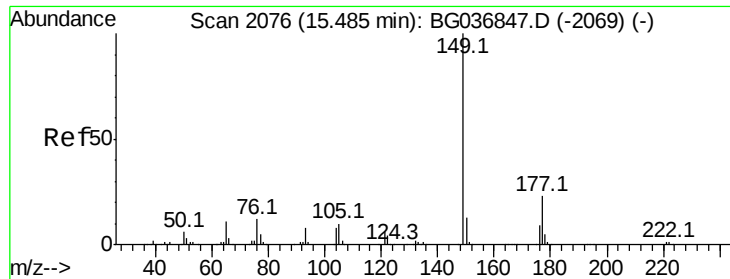
Abundance Ion 232.00 (231.70 to 232.70): E

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





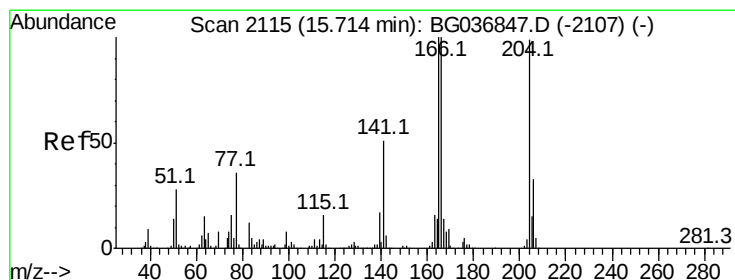
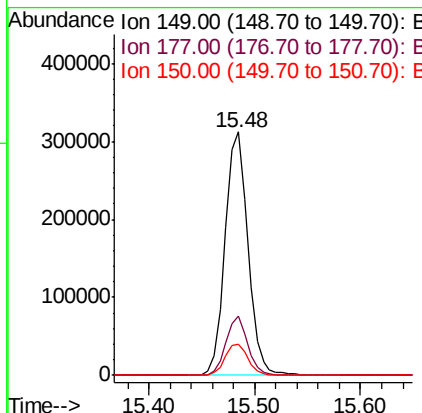
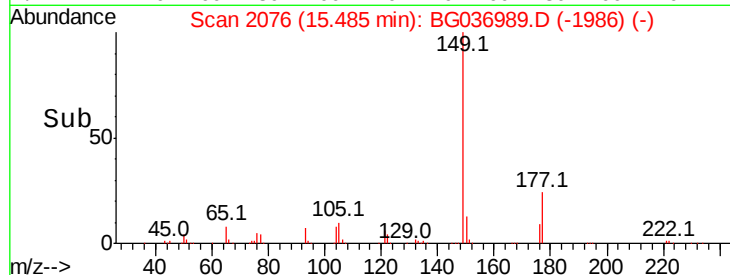
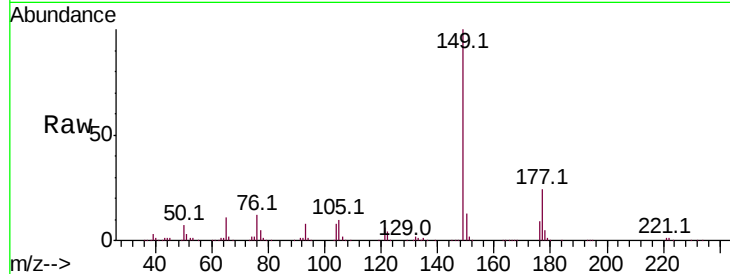
#59
Diethylphthalate
Concen: 52.422 ng
RT: 15.48 min Scan# 2076
Delta R.T. -0.00 min
Lab File: BG036989.D
Acq: 26 Sep 2018 19:50

Instrument :
BNA_G
ClientSampleId :
CL-02-092518-AMSD

Tot Ion:	149	Resp:	468739
Ion Ratio	Lower	Upper	
149	100		
177	24.3	19.1	28.7
150	12.8	10.7	16.1

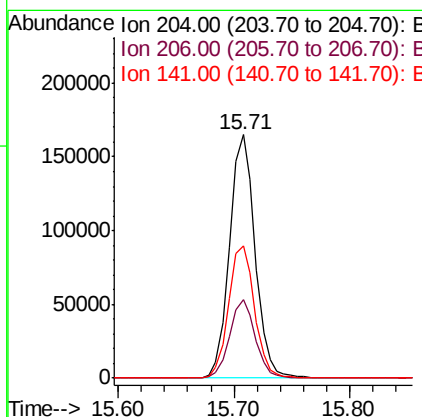
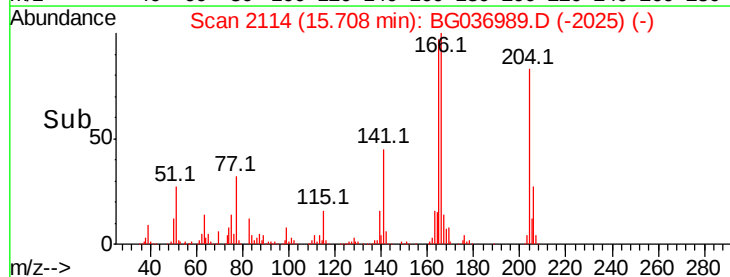
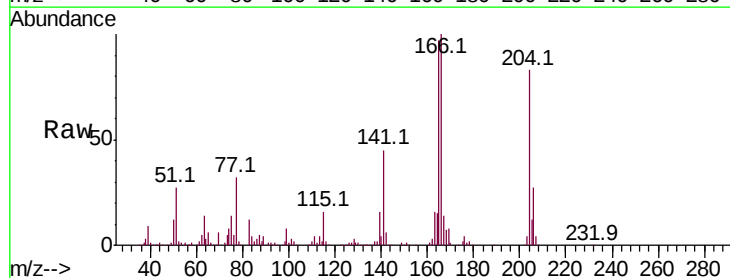
Manual Integrations
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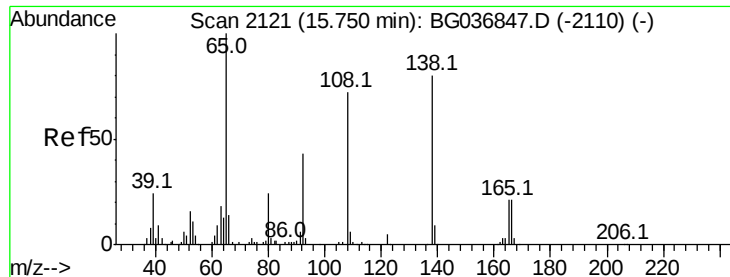
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 50.255 ng
RT: 15.71 min Scan# 2114
Delta R.T. -0.01 min
Lab File: BG036989.D
Acq: 26 Sep 2018 19:50

Tgt Ion:	204	Resp:	252779
Ion Ratio	Lower	Upper	
204	100		
206	32.4	27.0	40.4
141	54.4	43.8	65.6





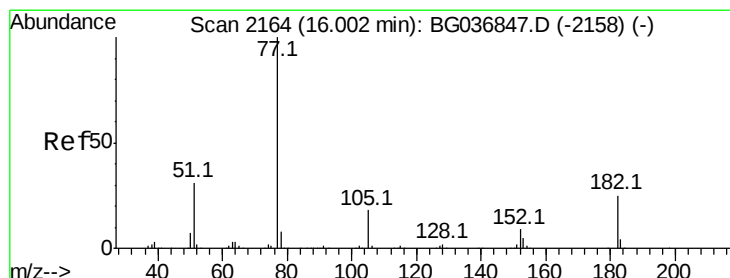
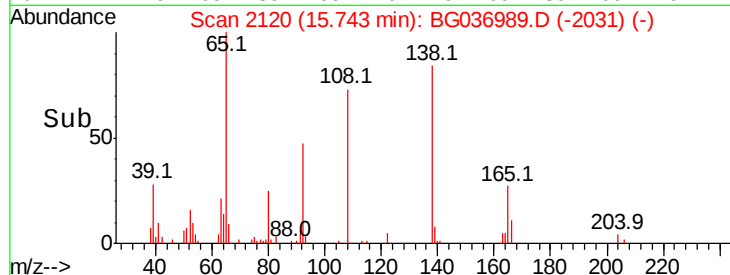
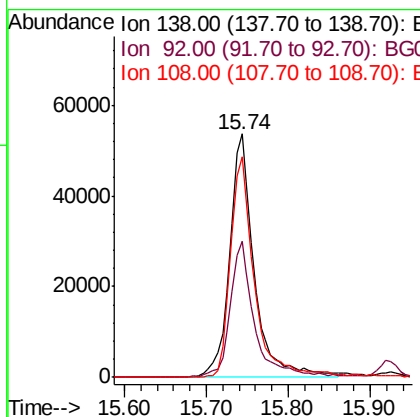
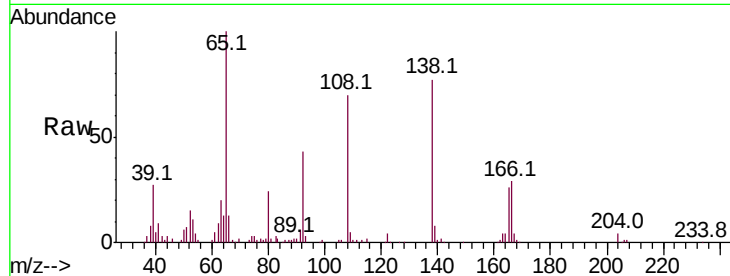
#61
4-Nitroaniline
Concen: 52.311 ng
RT: 15.74 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BG036989.D
Acq: 26 Sep 2018 19:50

Instrument :
BNA_G
ClientSampleId :
CL-02-092518-AMSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	55.8	38.5	78.5
108	90.7	70.3	110.3

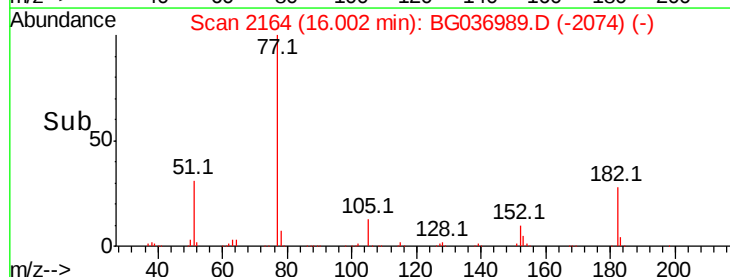
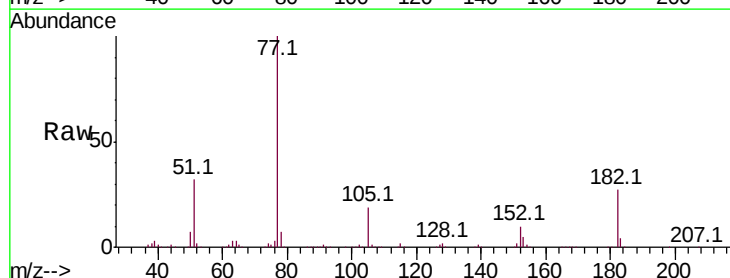
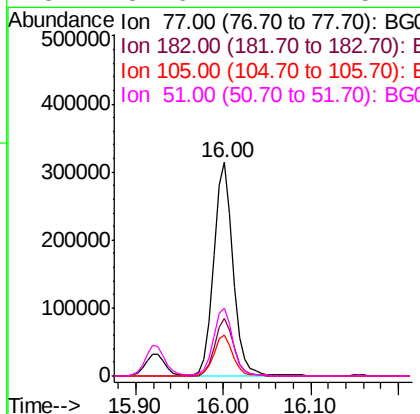
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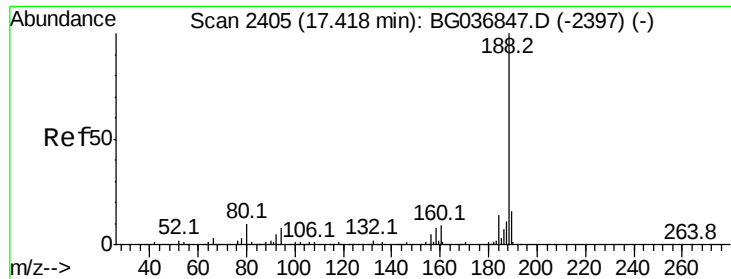
Sohil
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#62
Azobenzene
Concen: 55.917 ng
RT: 16.00 min Scan# 2164
Delta R.T. -0.00 min
Lab File: BG036989.D
Acq: 26 Sep 2018 19:50

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.8	6.7	46.7
105	18.9	0.0	39.8
51	31.6	12.4	52.4





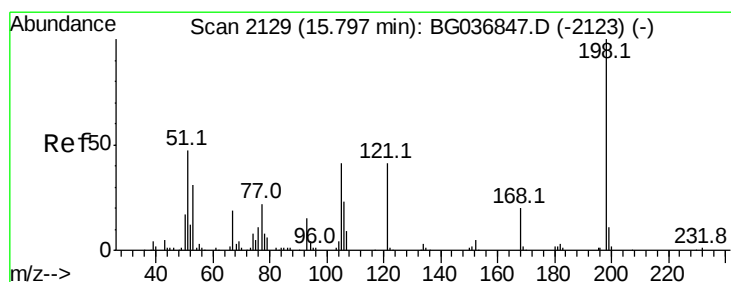
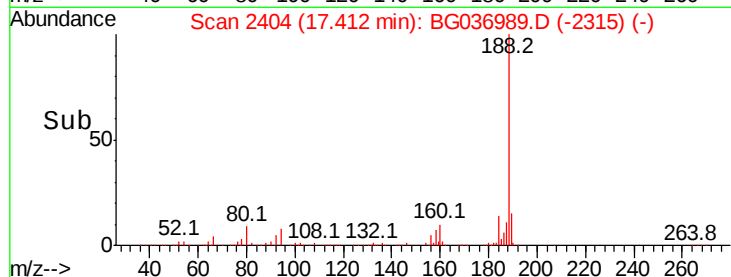
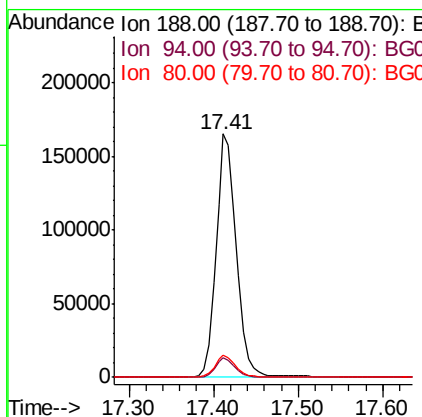
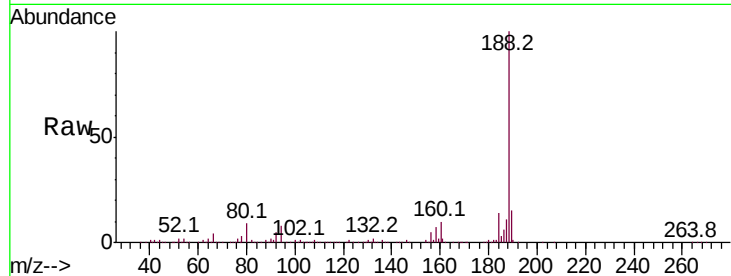
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BG036989.D
Acq: 26 Sep 2018 19:50

Instrument :
BNA_G
ClientSampleId :
CL-02-092518-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	276169		
94	8.2		6.7	10.1
80	8.9		8.1	12.1

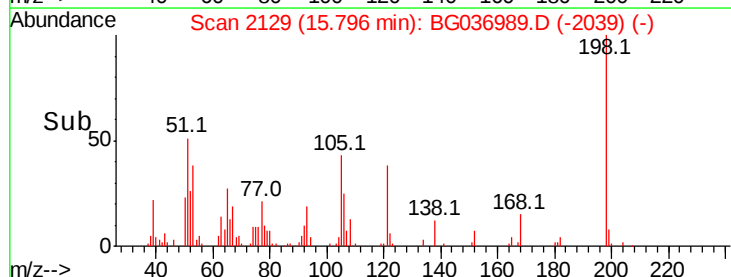
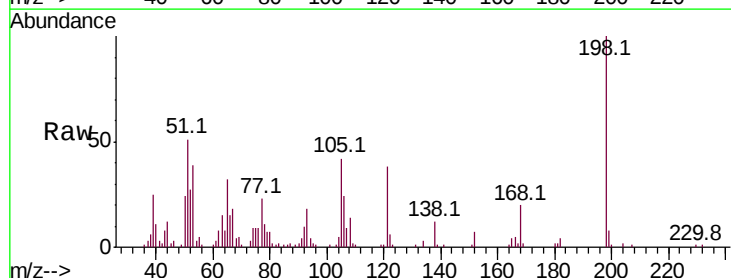
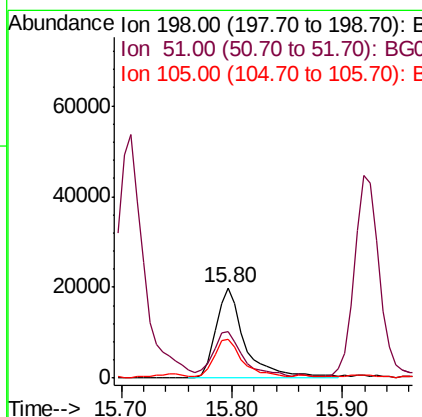
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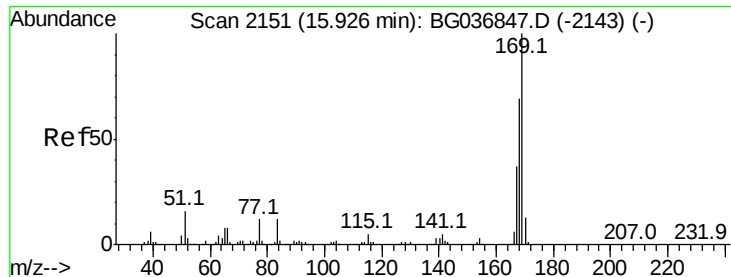
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 25.366 ng
RT: 15.80 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BG036989.D
Acq: 26 Sep 2018 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	36625		
51	51.3		26.5	66.5
105	42.4		20.2	60.2





#65

n-Nitrosodiphenylamine

Concen: 53.767 ng

RT: 15.93 min Scan# 2151

Delta R.T. -0.00 min

Lab File: BG036989.D

Acq: 26 Sep 2018 19:50

Instrument :

BNA_G

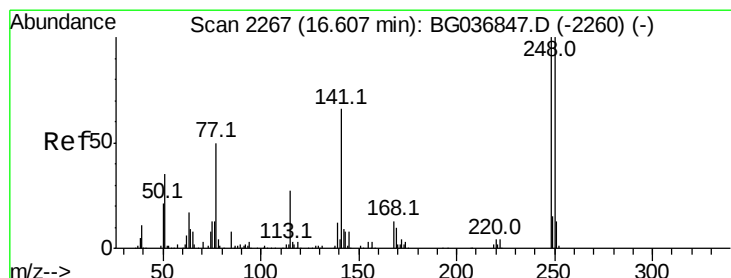
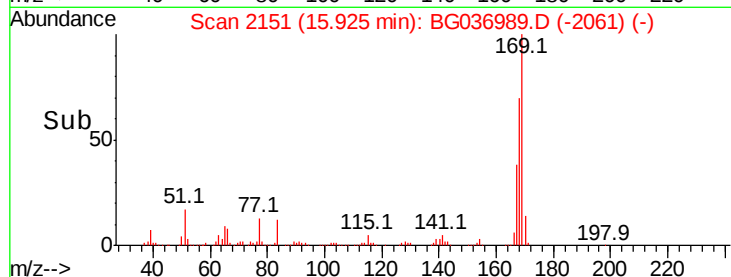
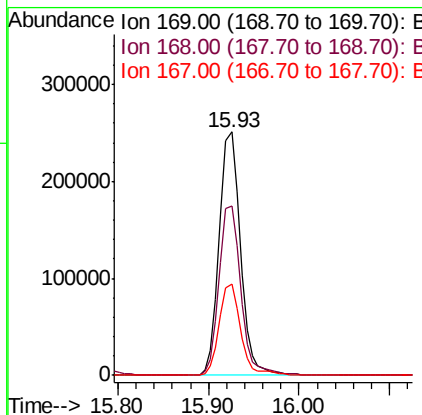
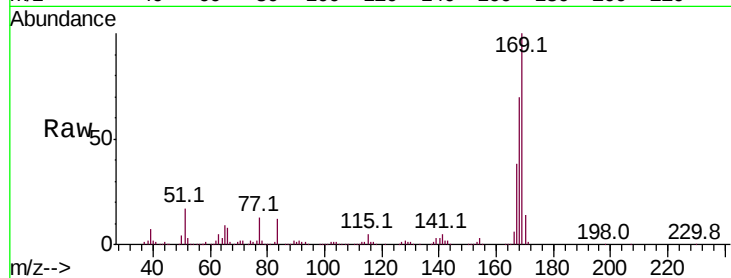
ClientSampleId :

CL-02-092518-AMSD

Tot Ion:	169	Resp:	409934
Ion Ratio	Lower	Upper	
169	100		
168	69.6	57.6	86.4
167	37.7	31.0	46.4

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#66

4-Bromophenyl-phenylether

Concen: 52.327 ng

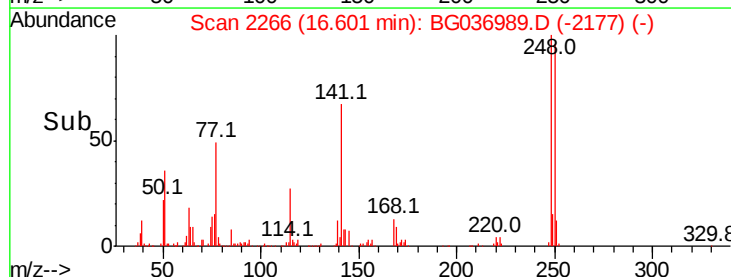
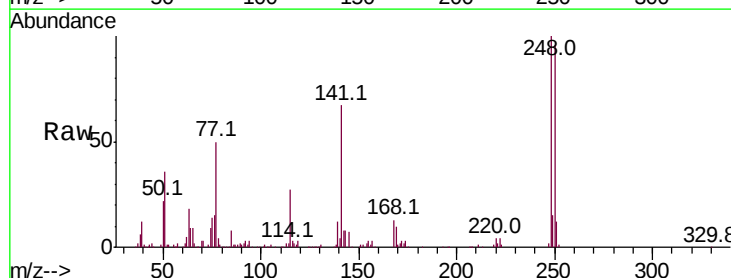
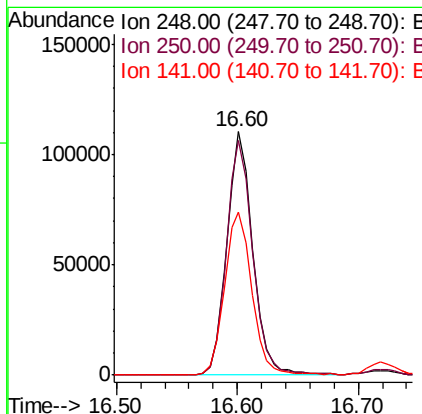
RT: 16.60 min Scan# 2266

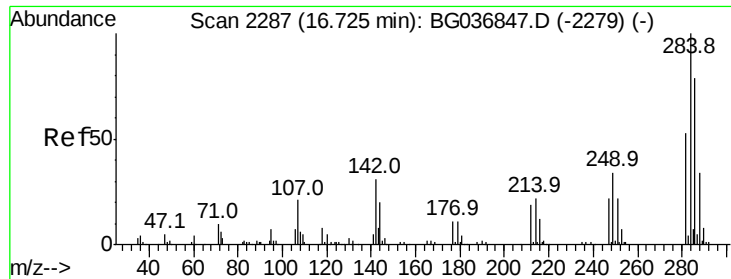
Delta R.T. -0.01 min

Lab File: BG036989.D

Acq: 26 Sep 2018 19:50

Tgt Ion:	248	Resp:	164372
Ion Ratio	Lower	Upper	
248	100		
250	96.1	78.1	117.1
141	67.1	53.7	80.5





#67

Hexachlorobenzene

Concen: 50.539 ng

RT: 16.72 min Scan# 2286

Delta R.T. -0.01 min

Lab File: BG036989.D

Acq: 26 Sep 2018 19:50

Instrument :

BNA_G

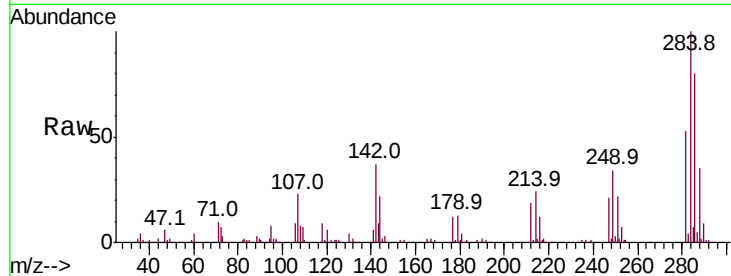
ClientSampleId :

CL-02-092518-AMSD

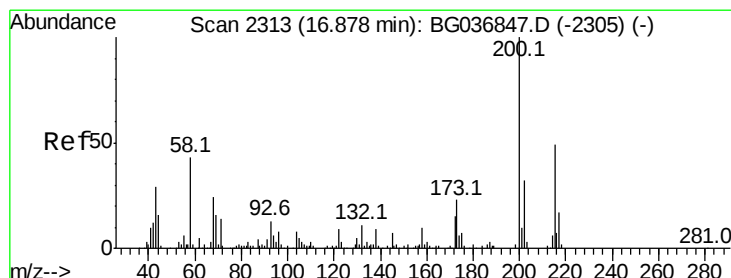
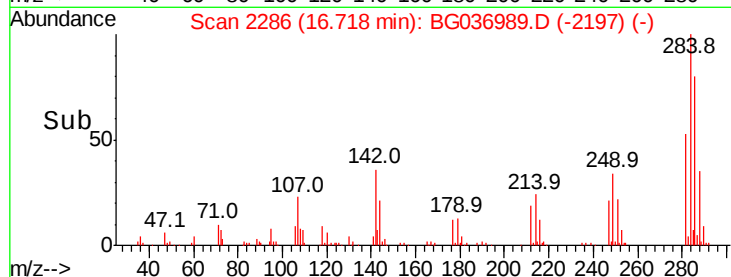
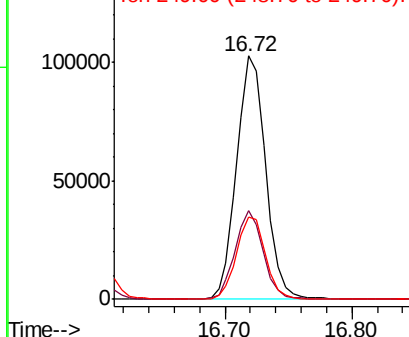
Tot Ion:	284	Resp:	163507
Ion Ratio		Lower	Upper
284	100		
142	36.7	27.8	41.6
249	33.8	27.4	41.2

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



#68

Atrazine

Concen: 57.069 ng

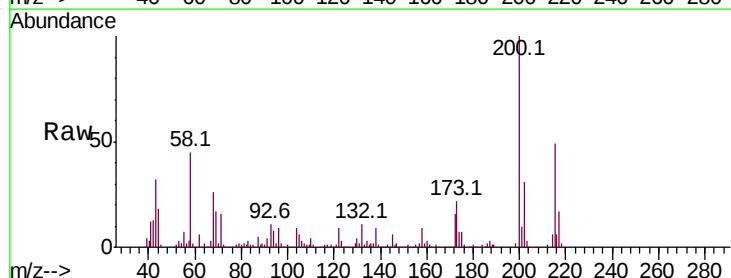
RT: 16.87 min Scan# 2312

Delta R.T. -0.01 min

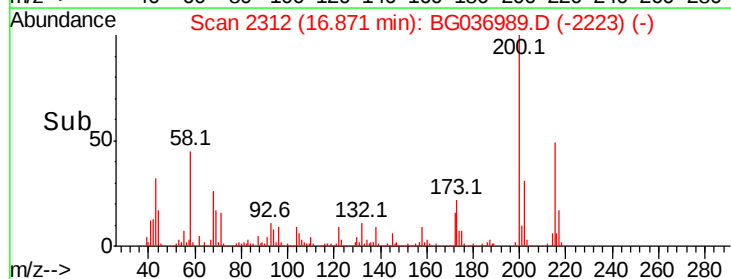
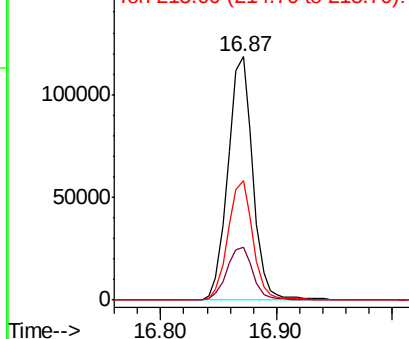
Lab File: BG036989.D

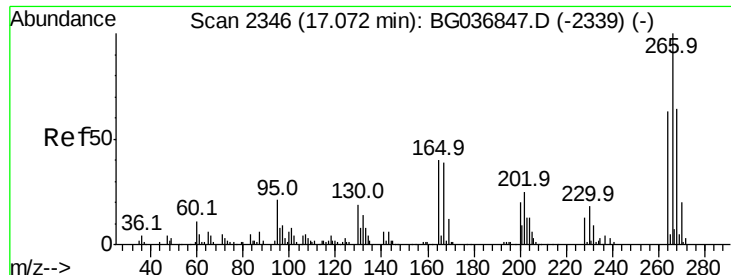
Acq: 26 Sep 2018 19:50

Tgt Ion:	200	Resp:	176178
Ion Ratio		Lower	Upper
200	100		
173	21.6	3.9	43.9
215	49.0	30.4	70.4



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





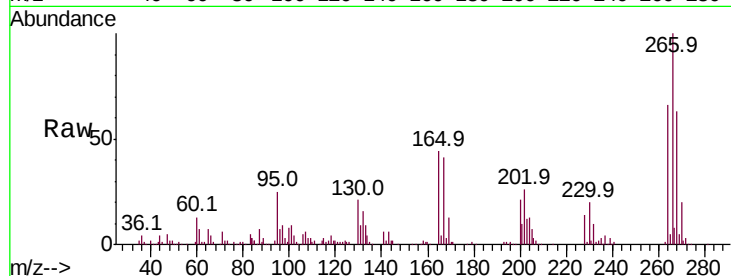
#69
 Pentachlorophenol
 Concen: 64.337 ng
 RT: 17.07 min Scan# 2345
 Delta R.T. -0.01 min
 Lab File: BG036989.D
 Acq: 26 Sep 2018 19:50

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-092518-AMSD

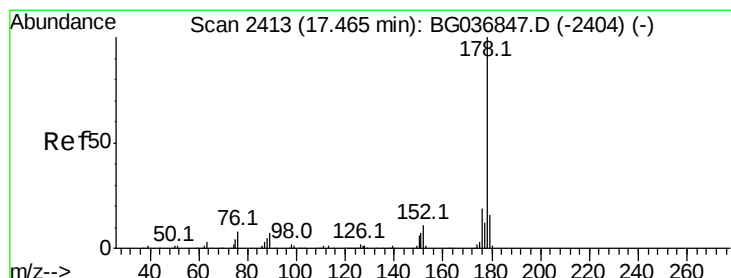
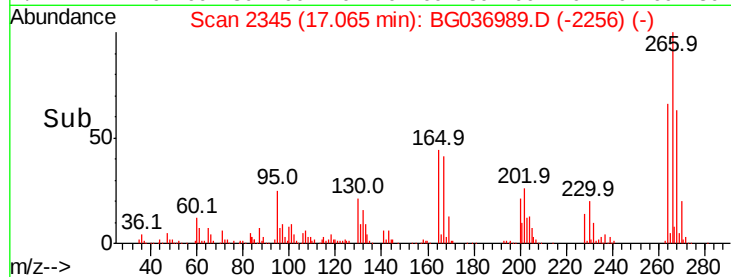
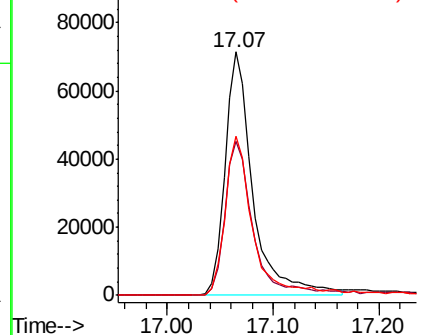
Tot Ion:	266	Resp:	131051
Ion Ratio	Lower	Upper	
266	100		
268	63.2	51.4	77.2
264	65.6	48.9	73.3

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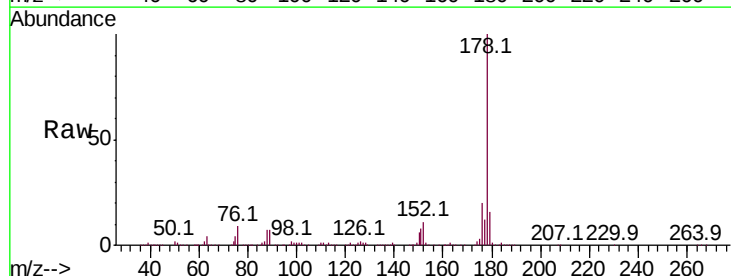


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

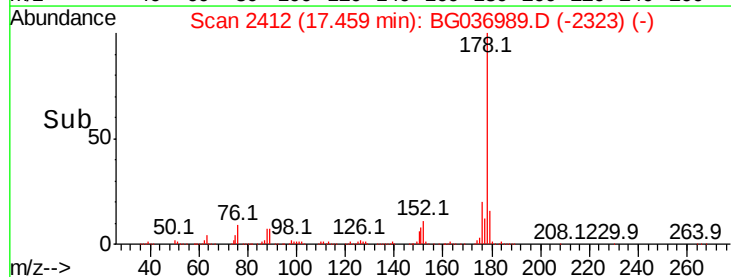
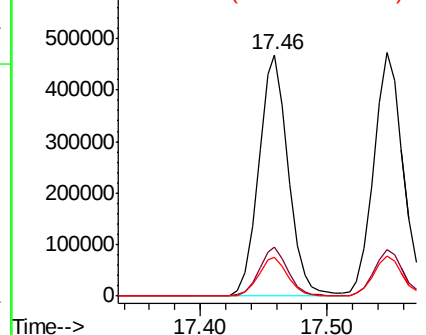


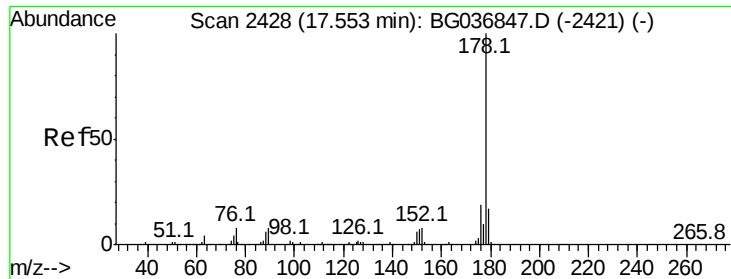
#70
 Phenanthrene
 Concen: 57.037 ng
 RT: 17.46 min Scan# 2412
 Delta R.T. -0.01 min
 Lab File: BG036989.D
 Acq: 26 Sep 2018 19:50

Tgt Ion:	178	Resp:	759071
Ion Ratio	Lower	Upper	
178	100		
176	20.3	15.4	23.2
179	16.3	13.4	20.2



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





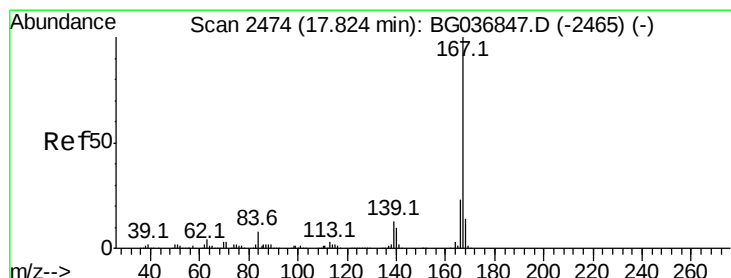
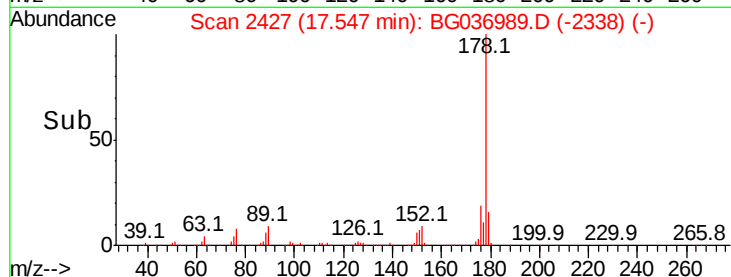
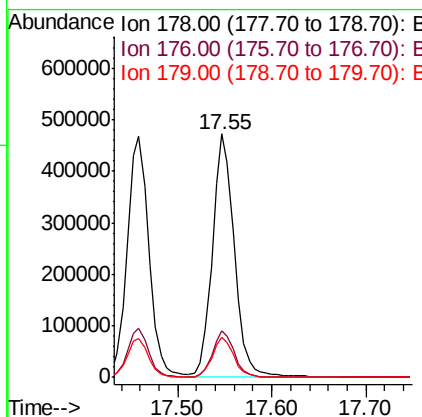
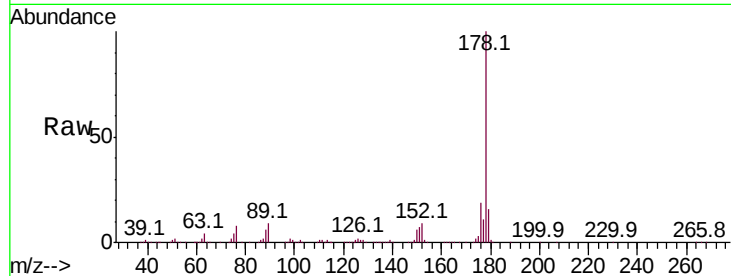
#71
 Anthracene
 Concen: 58.528 ng
 RT: 17.55 min Scan# 2427
 Delta R.T. -0.01 min
 Lab File: BG036989.D
 Acq: 26 Sep 2018 19:50

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-092518-AMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	16.2	13.0	19.4

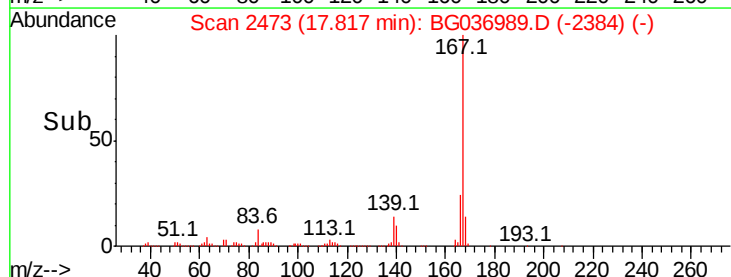
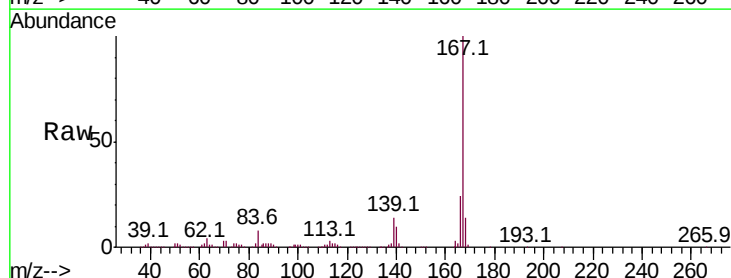
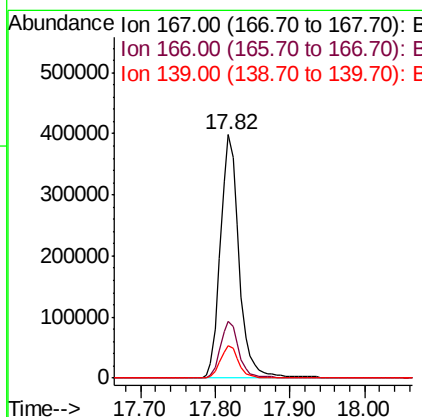
Manual Integrations
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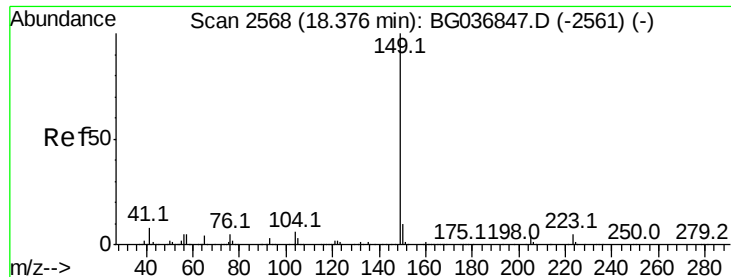
Sohil
 9/27/2018 1:37:38 PM



#72
 Carbazole
 Concen: 54.252 ng
 RT: 17.82 min Scan# 2473
 Delta R.T. -0.01 min
 Lab File: BG036989.D
 Acq: 26 Sep 2018 19:50

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.5	19.5	29.3
139	13.5	10.7	16.1





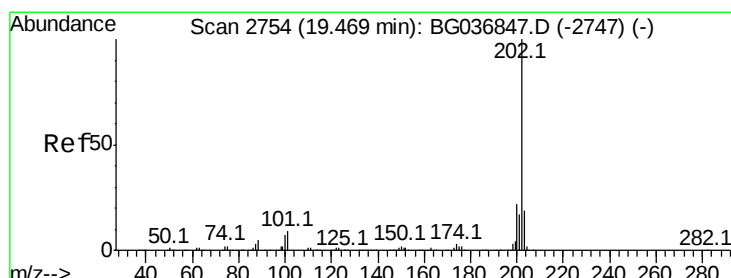
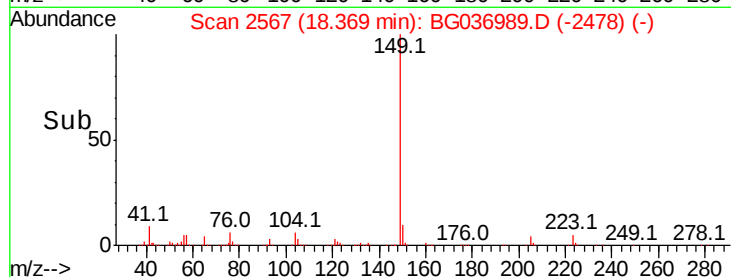
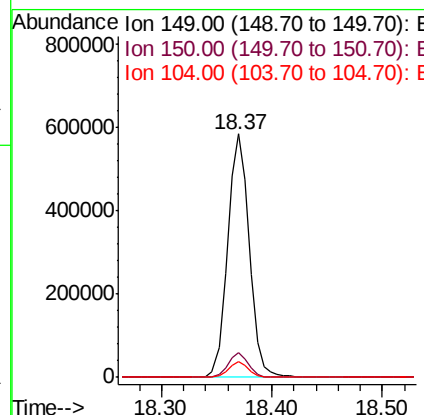
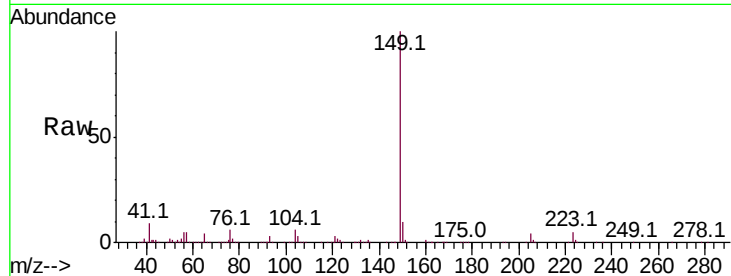
#73
Di-n-butylphthalate
Concen: 56.259 ng
RT: 18.37 min Scan# 2567
Delta R.T. -0.01 min
Lab File: BG036989.D
Acq: 26 Sep 2018 19:50

Instrument :
BNA_G
ClientSampleId :
CL-02-092518-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	10.3	8.1	12.1	
104	6.2	4.6	6.8	

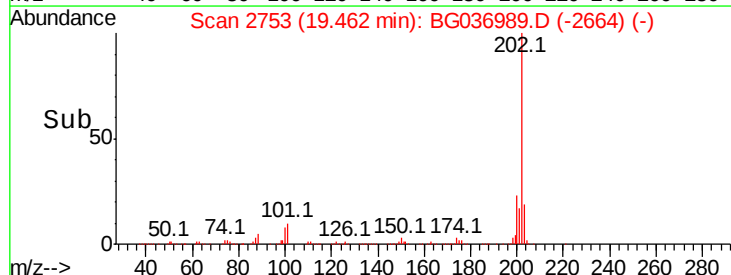
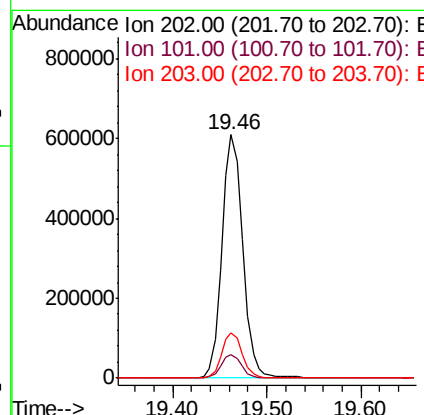
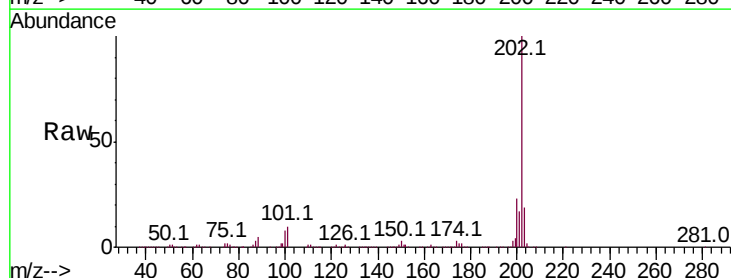
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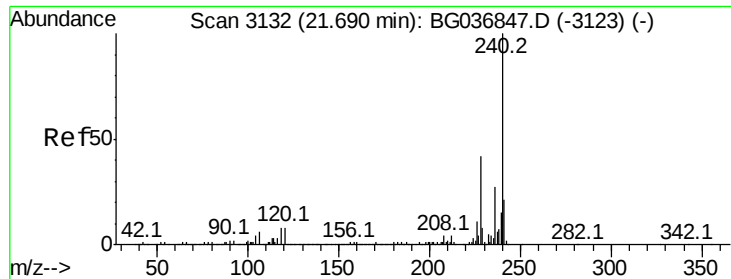
Sohil
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#74
Fluoranthene
Concen: 59.141 ng
RT: 19.46 min Scan# 2753
Delta R.T. -0.01 min
Lab File: BG036989.D
Acq: 26 Sep 2018 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	9.6	0.0	29.4	
203	18.8	0.0	38.9	





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BG036989.D

Acq: 26 Sep 2018 19:50

Instrument :

BNA_G

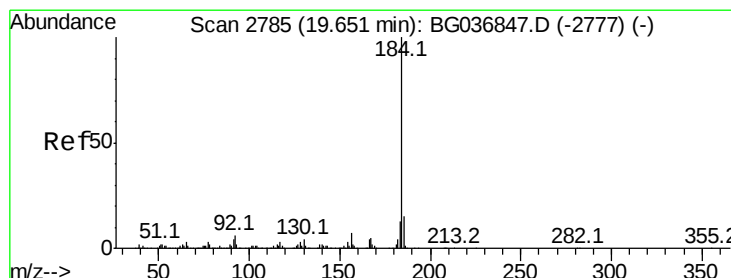
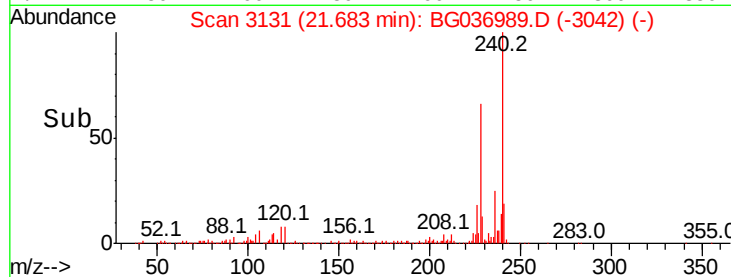
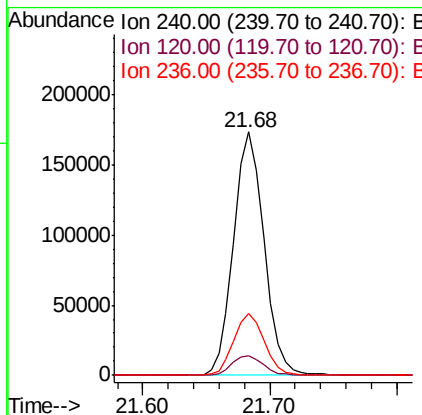
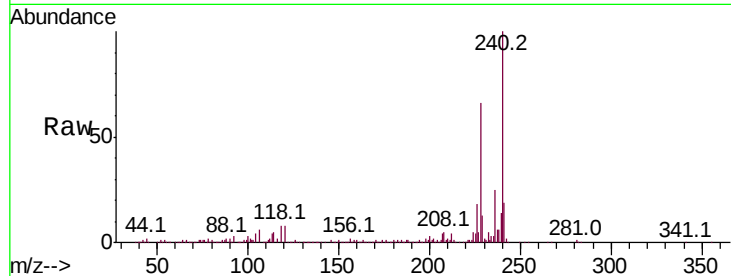
ClientSampleId :

CL-02-092518-AMSD

Tot Ion:	240	Resp:	289679
Ion Ratio	Lower	Upper	
240	100		
120	8.2	6.9	10.3
236	25.3	21.2	31.8

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#76

Benzidine

Concen: 40.236 ng

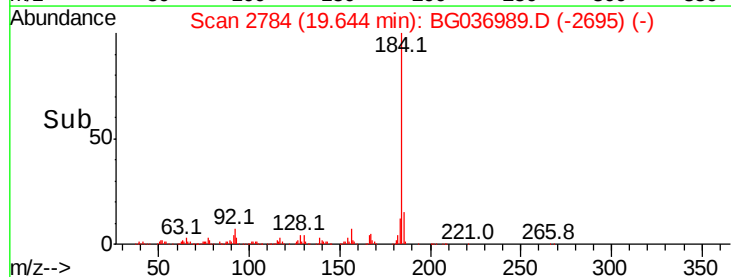
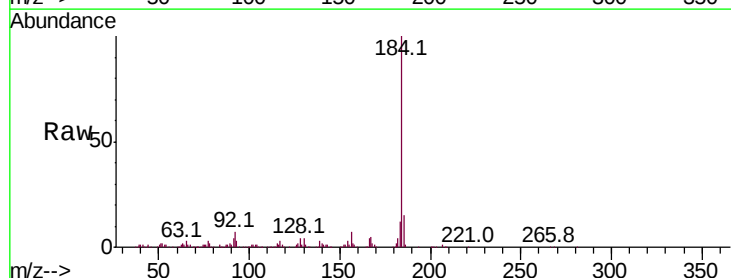
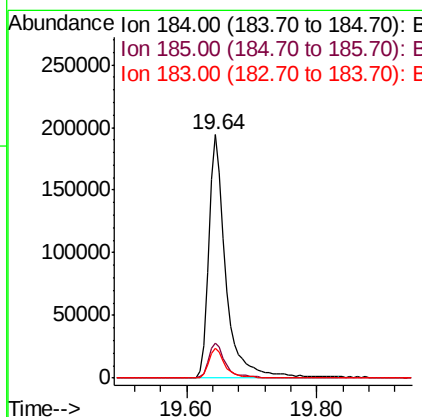
RT: 19.64 min Scan# 2784

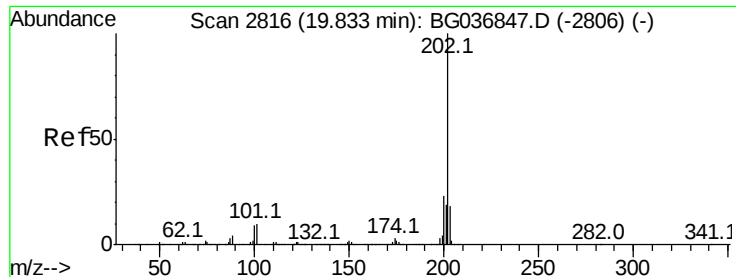
Delta R.T. -0.01 min

Lab File: BG036989.D

Acq: 26 Sep 2018 19:50

Tgt Ion:	184	Resp:	352344
Ion Ratio	Lower	Upper	
184	100		
185	14.6	12.6	18.8
183	12.4	10.9	16.3





#77

Pvrene

Concen: 53.736 ng

RT: 19.83 min Scan# 2815

Delta R.T. -0.01 min

Lab File: BG036989.D

Acq: 26 Sep 2018 19:50

Instrument :

BNA_G

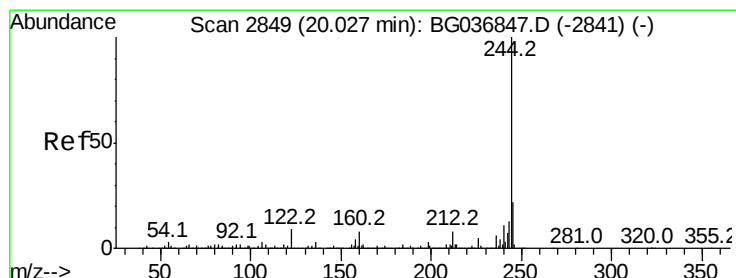
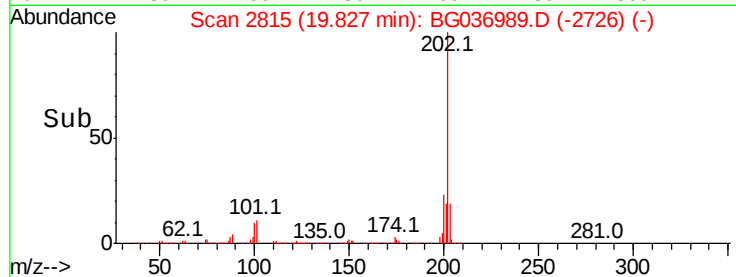
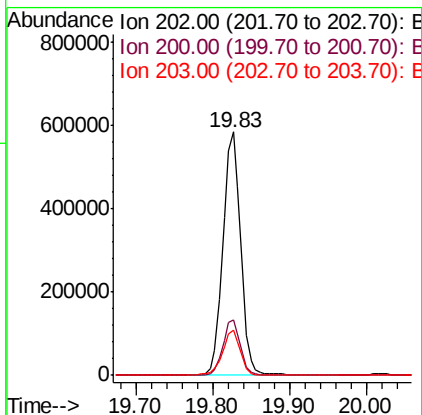
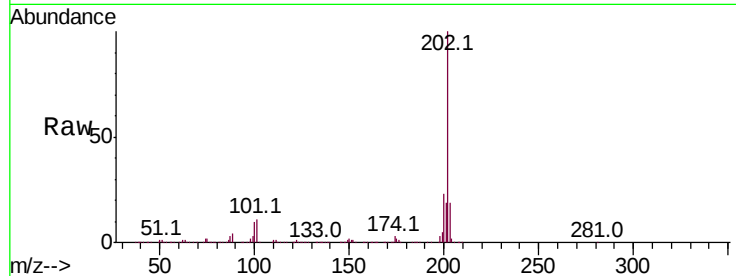
ClientSampleId :

CL-02-092518-AMSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	23.0	18.3	27.5
203	18.6	15.1	22.7

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#78

Terphenyl-d14

Concen: 97.475 ng

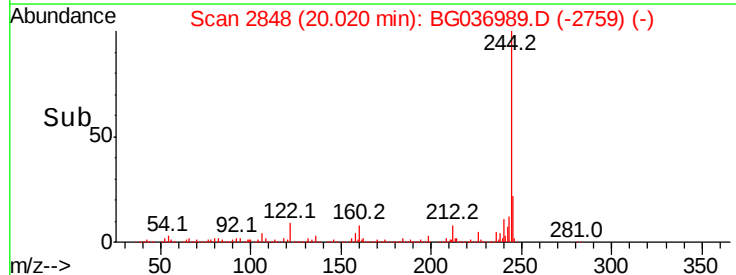
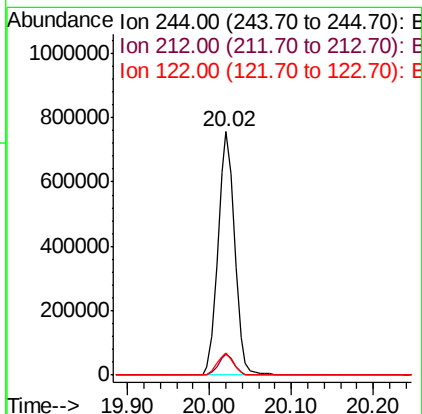
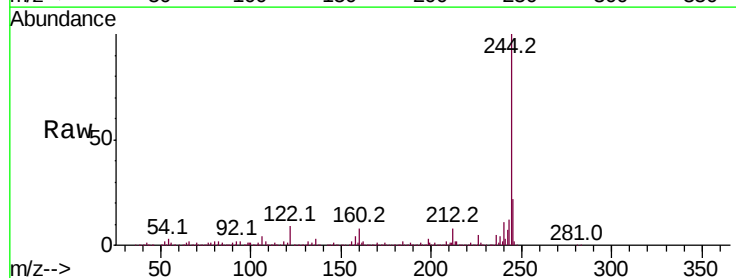
RT: 20.02 min Scan# 2848

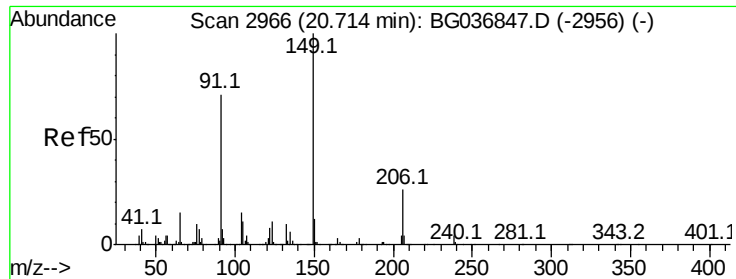
Delta R.T. -0.01 min

Lab File: BG036989.D

Acq: 26 Sep 2018 19:50

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.0	10.6
122	9.0	7.1	10.7





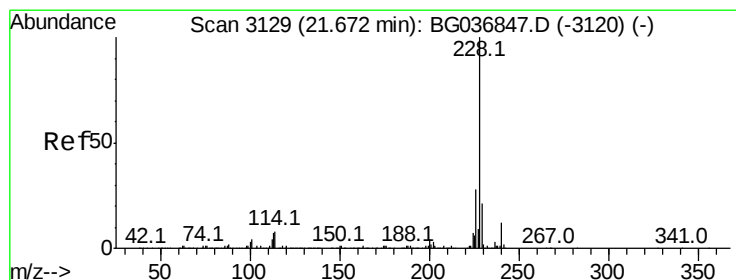
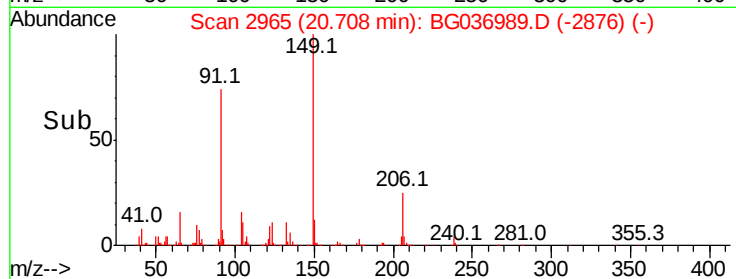
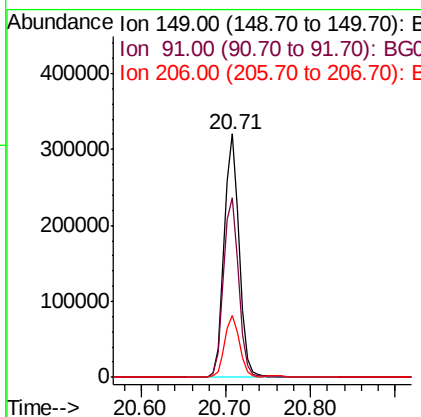
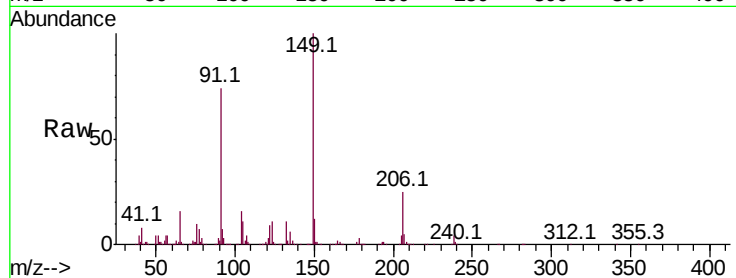
#79
Butylbenzylphthalate
Concen: 56.587 ng
RT: 20.71 min Scan# 2965
Delta R.T. -0.01 min
Lab File: BG036989.D
Acq: 26 Sep 2018 19:50

Instrument :
BNA_G
ClientSampleId :
CL-02-092518-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	392077		
91	73.5	62.0	93.0	
206	25.3	19.6	29.4	

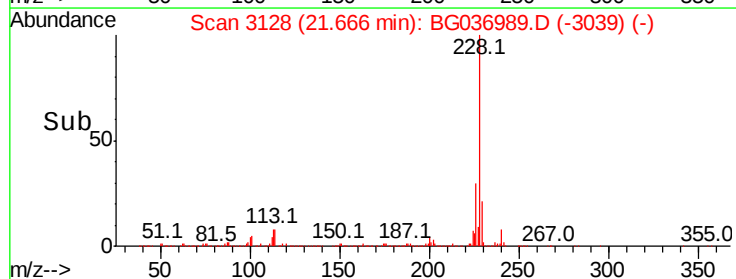
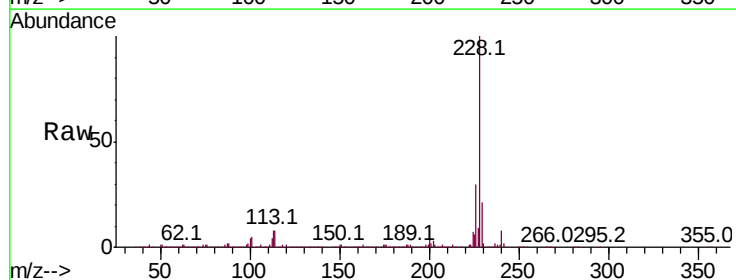
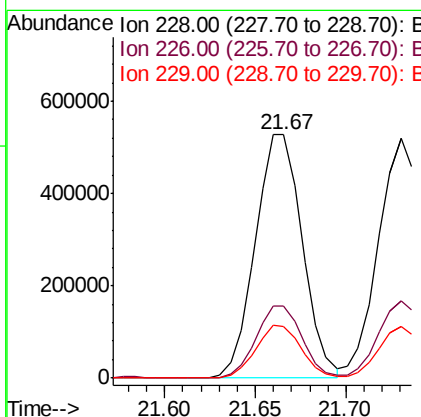
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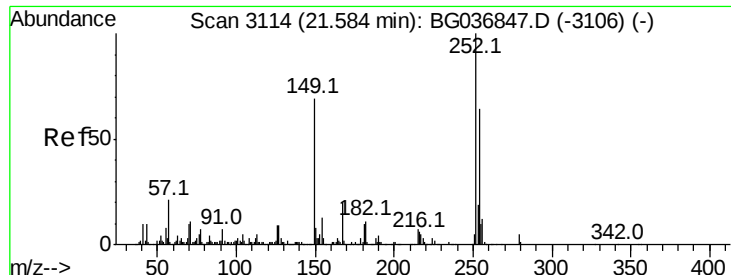
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#80
Benzo(a)anthracene
Concen: 56.396 ng
RT: 21.67 min Scan# 3128
Delta R.T. -0.01 min
Lab File: BG036989.D
Acq: 26 Sep 2018 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	953653		
226	29.6	23.4	35.2	
229	21.1	17.1	25.7	





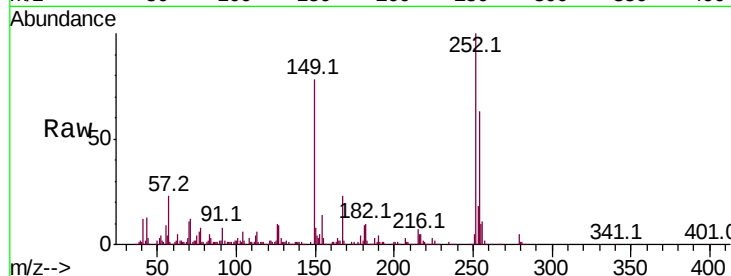
#81
 3,3'-Dichlorobenzidine
 Concen: 39.272 ng
 RT: 21.58 min Scan# 3113
 Delta R.T. -0.01 min
 Lab File: BG036989.D
 Acq: 26 Sep 2018 19:50

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-092518-AMSD

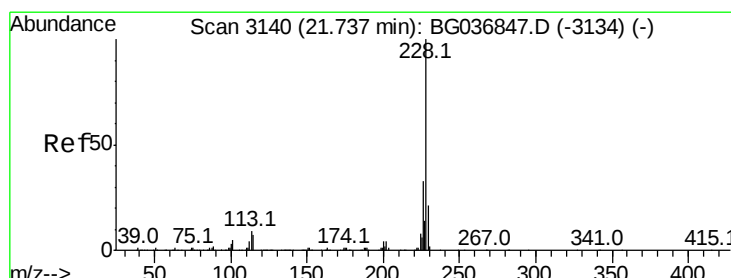
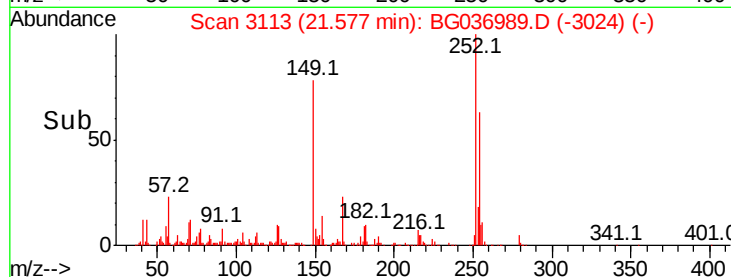
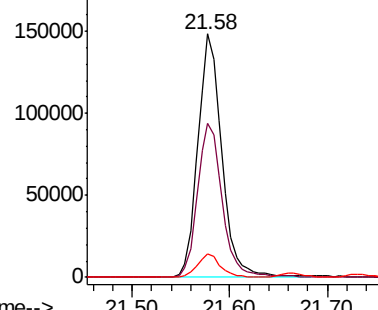
Tot Ion	Ratio	Resp	Lower	Upper
252	100	252777		
254	63.3	51.0	76.4	
126	9.7	7.4	11.0	

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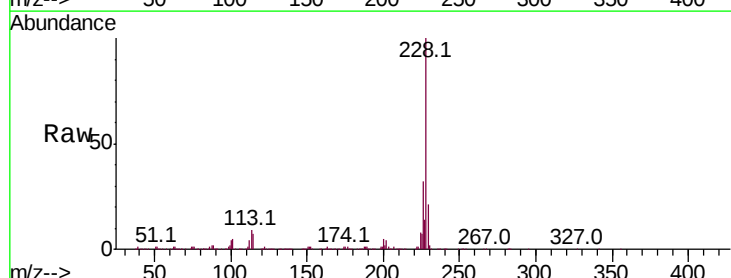


Abundance Ion 252.00 (251.70 to 252.70): E
 200000 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

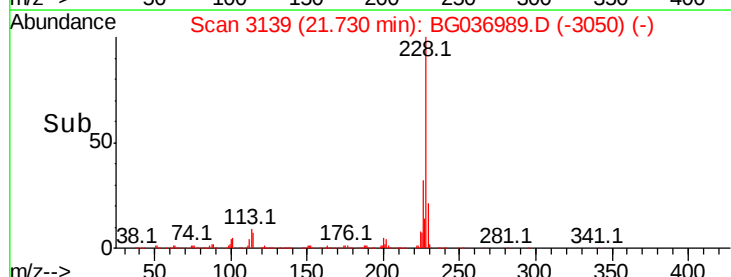
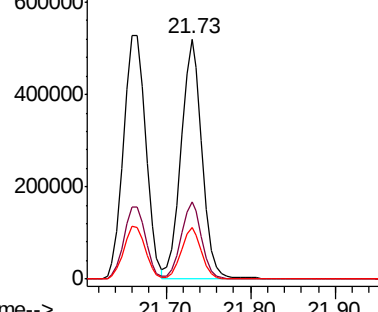


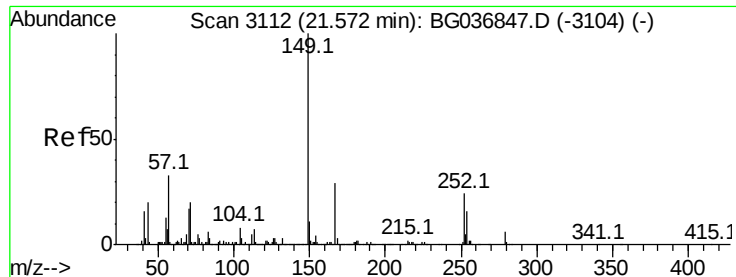
#82
 Chrysene
 Concen: 55.259 ng
 RT: 21.73 min Scan# 3139
 Delta R.T. -0.01 min
 Lab File: BG036989.D
 Acq: 26 Sep 2018 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	902846		
226	32.4	25.5	38.3	
229	21.5	16.9	25.3	



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





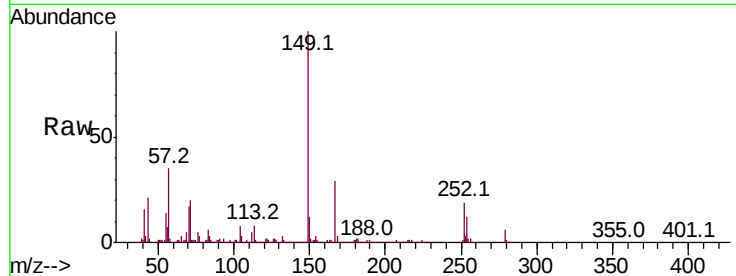
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 55.886 ng
 RT: 21.57 min Scan# 3111
 Delta R.T. -0.01 min
 Lab File: BG036989.D
 Acq: 26 Sep 2018 19:50

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-092518-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	29.2	23.4	35.0	
279	5.9	4.6	7.0	

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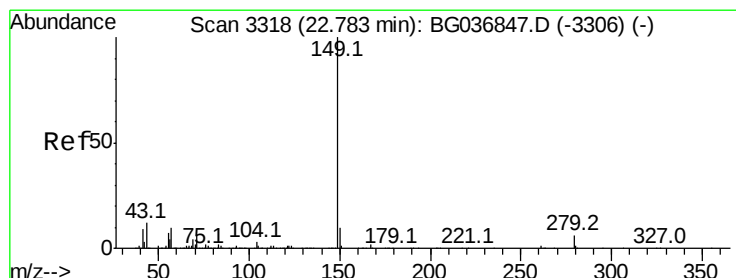
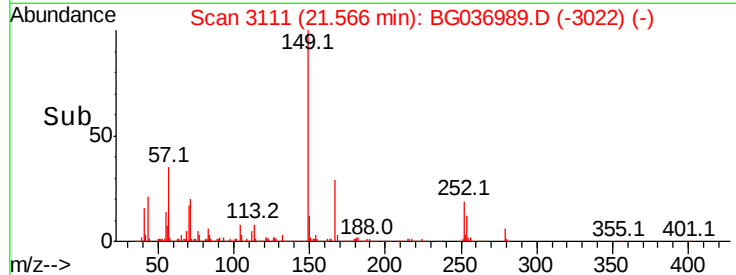
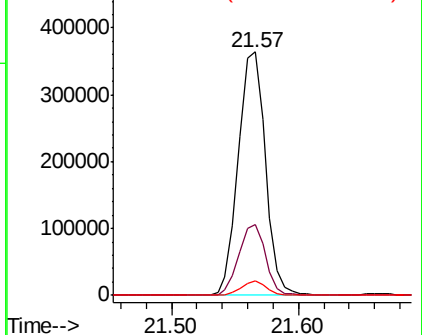


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84
 Di-n-octyl phthalate
 Concen: 57.453 ng
 RT: 22.77 min Scan# 3316
 Delta R.T. -0.01 min
 Lab File: BG036989.D
 Acq: 26 Sep 2018 19:50

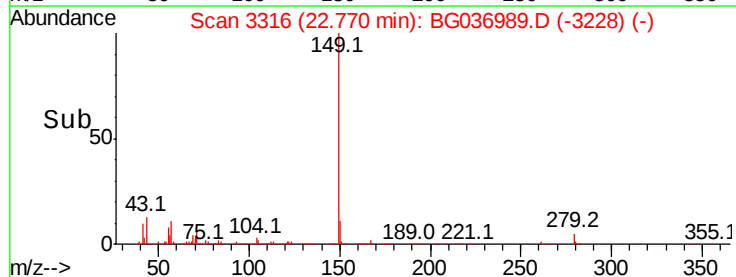
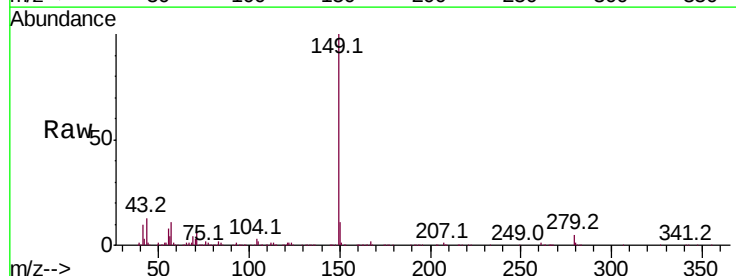
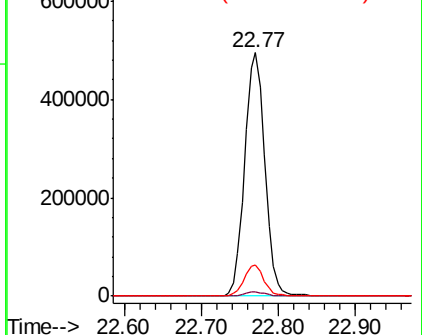
Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.7	1.3	1.9	
43	12.4	10.0	15.0	

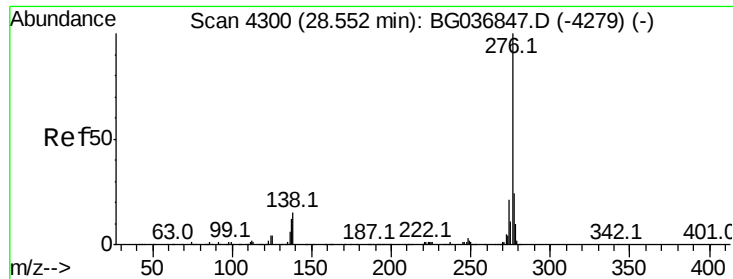
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC





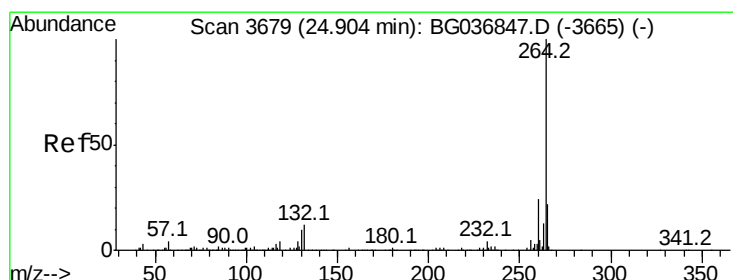
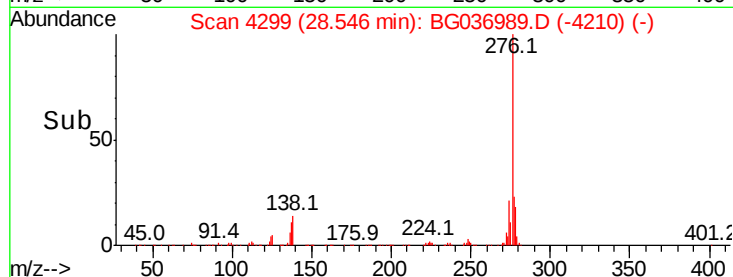
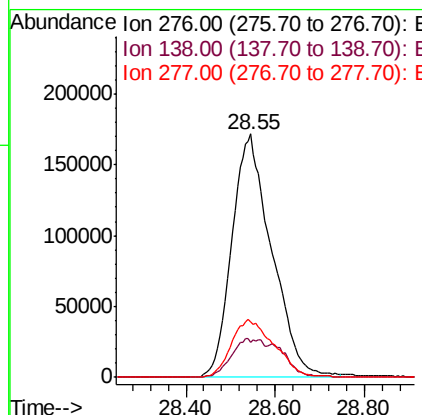
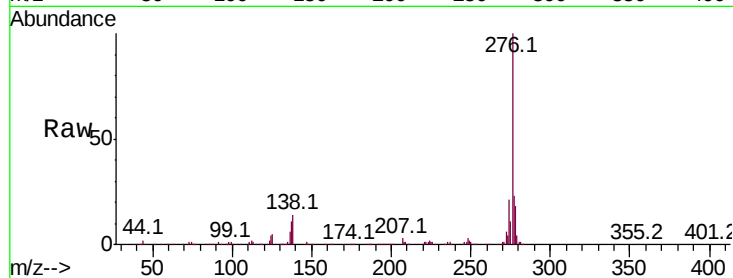
#85
Indeno(1,2,3-cd)pyrene
Concen: 60.658 ng
RT: 28.55 min Scan# 4299
Delta R.T. -0.01 min
Lab File: BG036989.D
Acq: 26 Sep 2018 19:50

Instrument :
BNA_G
ClientSampleId :
CL-02-092518-AMSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	8.0	10.6	15.8#
277	25.6	20.6	30.8

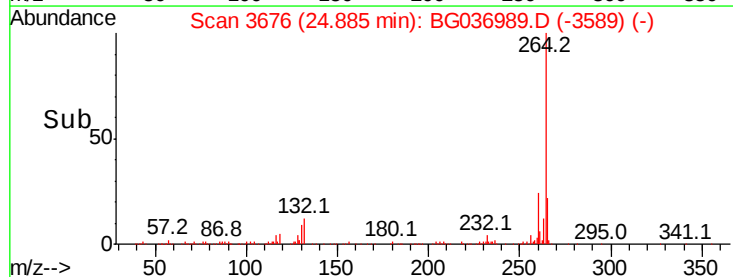
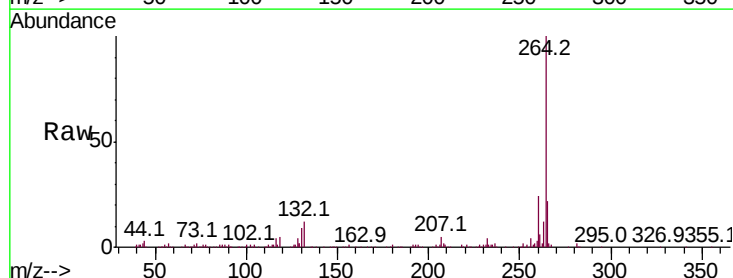
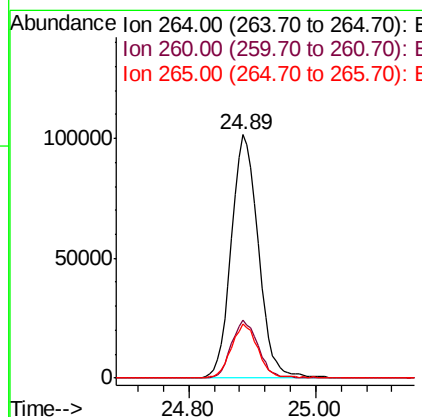
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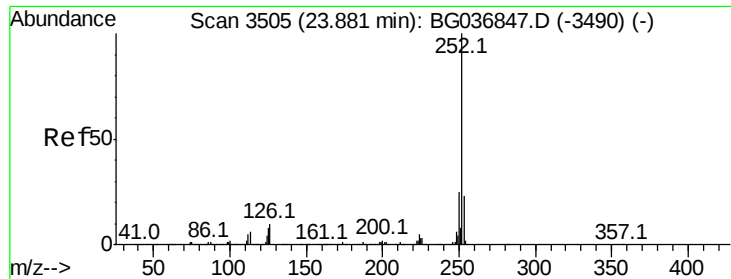
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#86
Perylene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3676
Delta R.T. -0.02 min
Lab File: BG036989.D
Acq: 26 Sep 2018 19:50

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.6	29.4
265	22.0	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 58.535 ng

RT: 23.87 min Scan# 3504

Delta R.T. -0.01 min

Lab File: BG036989.D

Acq: 26 Sep 2018 19:50

Instrument :

BNA_G

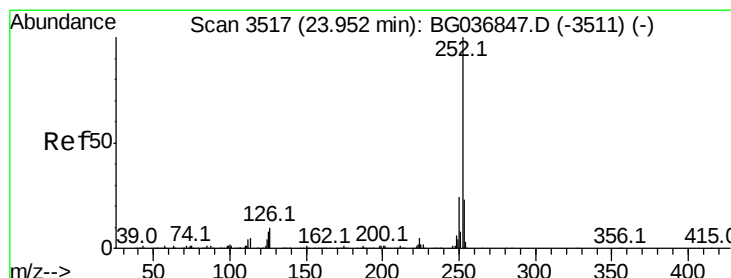
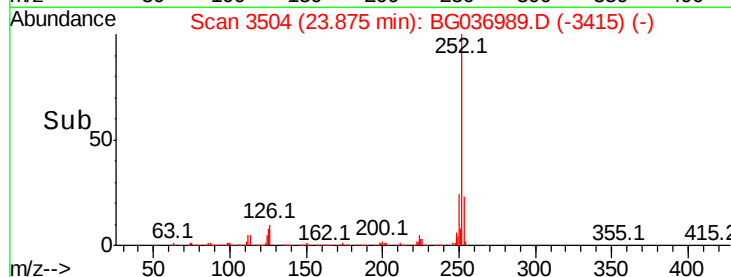
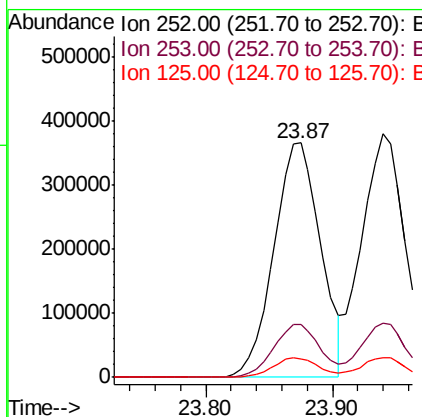
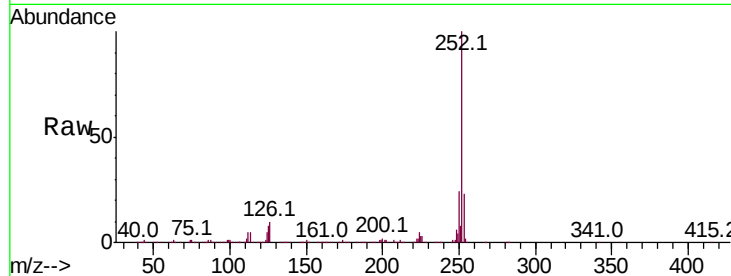
ClientSampleId :

CL-02-092518-AMSD

Tot Ion:	252	Resp:	937395
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.1	25.7
125	7.8	6.6	10.0

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#88

Benzo(k)fluoranthene

Concen: 57.544 ng

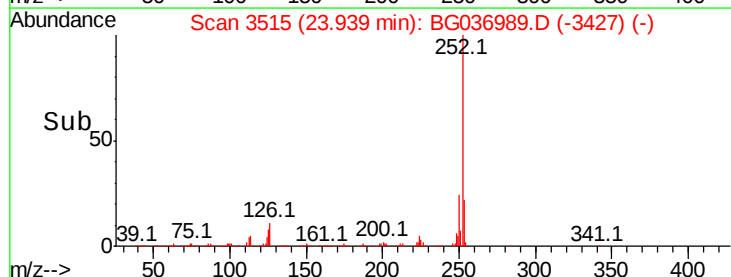
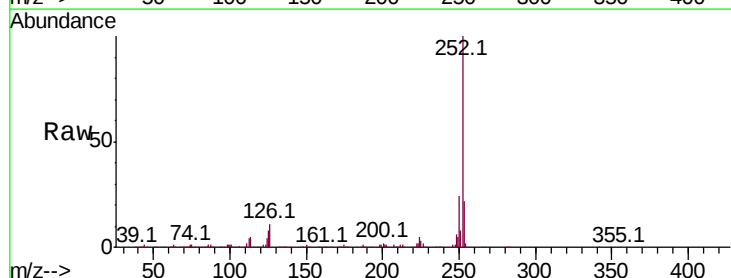
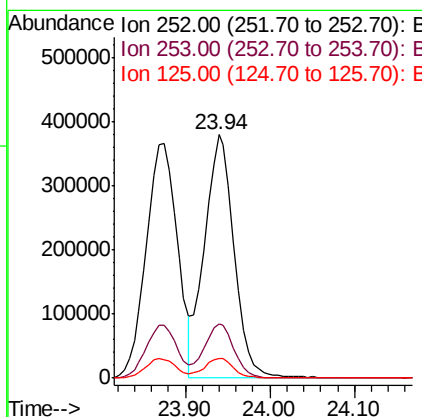
RT: 23.94 min Scan# 3515

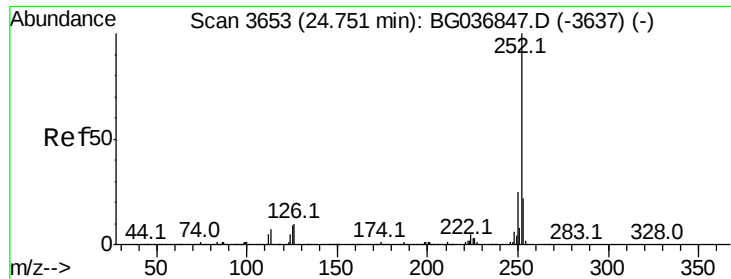
Delta R.T. -0.01 min

Lab File: BG036989.D

Acq: 26 Sep 2018 19:50

Tgt Ion:	252	Resp:	924527
Ion Ratio	Lower	Upper	
252	100		
253	22.4	18.0	27.0
125	8.3	7.0	10.6





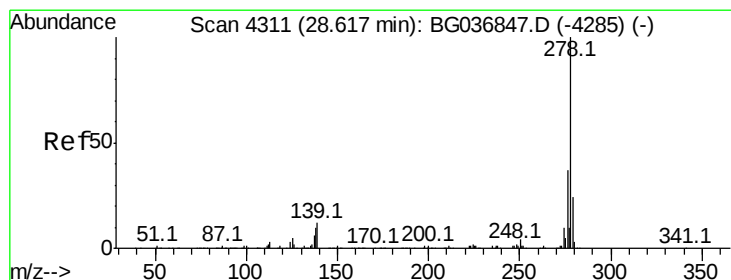
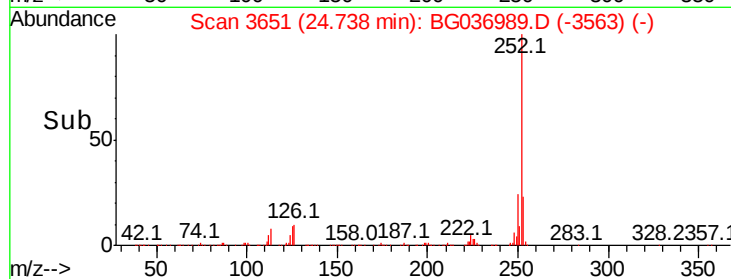
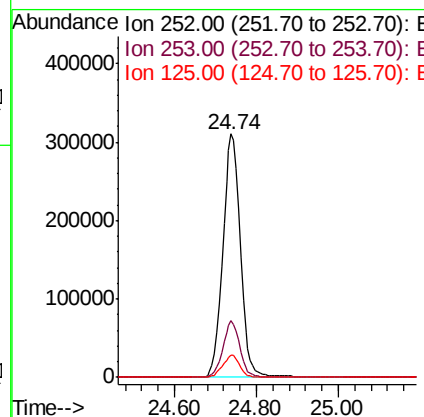
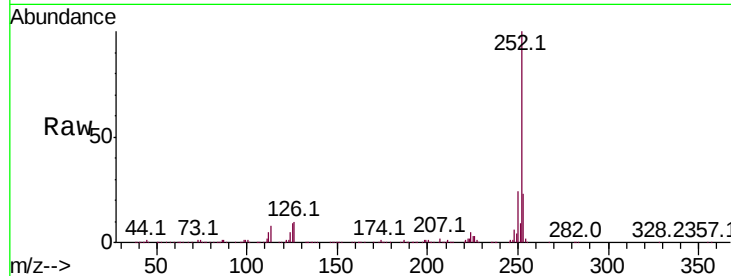
#89
Benzo(a)pyrene
Concen: 59.819 ng
RT: 24.74 min Scan# 3651
Delta R.T. -0.01 min
Lab File: BG036989.D
Acq: 26 Sep 2018 19:50

Instrument :
BNA_G
ClientSampleId :
CL-02-092518-AMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.2
125	9.1	7.3	10.9

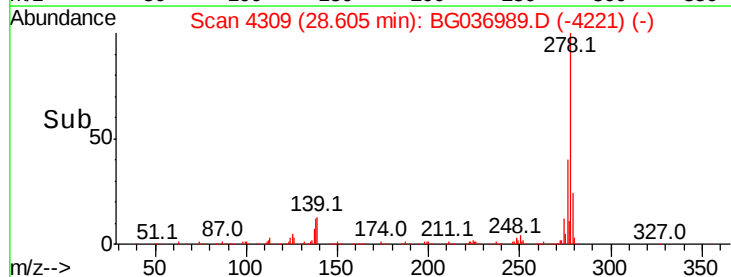
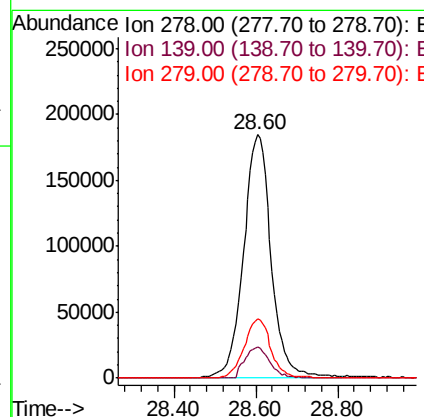
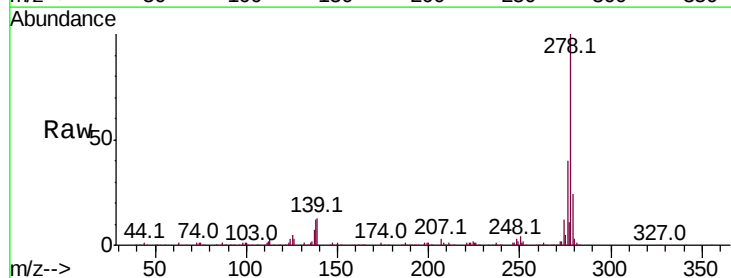
Manual Integrations
APPROVED

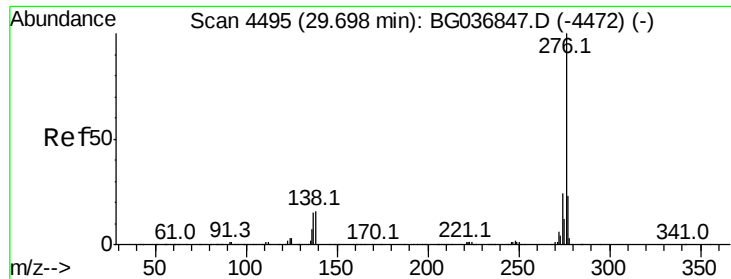
Sohil
9/27/2018 1:37:38 PM



#90
Dibenzo(a,h)anthracene
Concen: 59.637 ng
RT: 28.60 min Scan# 4309
Delta R.T. -0.01 min
Lab File: BG036989.D
Acq: 26 Sep 2018 19:50

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.0	11.0	16.4
279	24.4	18.7	28.1





#91
 Benzo(a,h,i)perylene
 Concen: 59.626 ng
 RT: 29.69 min Scan# 4493
 Delta R.T. -0.01 min
 Lab File: BG036989.D
 Acq: 26 Sep 2018 19:50

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-092518-AMSD

Tot Ion:	276	Resp:	868302
Ion Ratio	Lower	Upper	
276	100		
277	23.7	18.4	27.6
138	16.6	14.6	22.0

Manual Integrations
 APPROVED

Sohil
 9/27/2018 1:37:38 PM

