

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010219\
 Data File : BG038896.D
 Acq On : 2 Jan 2019 17:38
 Operator : JU/SJ
 Sample : PB116049BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116049BS

Manual Integrations
 APPROVED

Sohil
 1/3/2019 11:16:14 AM

Quant Time: Jan 03 00:35:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	23744	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	92074	20.00	ng	-0.01
39) Acenaphthene-d10	14.69	164	65626	20.00	ng	-0.01
64) Phenanthrene-d10	17.43	188	178460	20.00	ng	0.00
76) Chrysene-d12	21.71	240	176100	20.00	ng	-0.01
87) Perylene-d12	25.00	264	184907	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	182699	136.47	ng	0.00
7) Phenol-d6	7.21	99	246947	134.37	ng	0.00
23) Nitrobenzene-d5	9.22	82	121212	67.25	ng	-0.02
42) 2,4,6-Tribromophenol	16.18	330	156622	173.17	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	332164	69.44	ng	-0.01
79) Terphenyl-d14	20.03	244	688453	85.08	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.47	88	19528	31.343	ng	# 95
3) Pyridine	3.88	79	55905	32.590	ng	96
4) n-Nitrosodimethylamine	3.81	42	31472	37.444	ng	94
6) Aniline	7.38	93	64126	27.334	ng	97
8) 2-Chlorophenol	7.61	128	66475	42.909	ng	95
9) Benzaldehyde	7.19	77	16673	13.985	ng	95
10) Phenol	7.24	94	81418	41.700	ng	99
11) bis(2-Chloroethyl)ether	7.46	93	53857	34.646	ng	94
12) 1,3-Dichlorobenzene	7.93	146	71772	39.183	ng	95
13) 1,4-Dichlorobenzene	8.08	146	72749	38.779	ng	94
14) 1,2-Dichlorobenzene	8.40	146	69053	39.044	ng	96
15) Benzyl Alcohol	8.29	79	58462	40.755	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.57	45	108261	30.403	ng	97
17) 2-Methylphenol	8.49	107	56627	43.289	ng	98
18) Hexachloroethane	9.12	117	24679	36.001	ng	87
19) n-Nitroso-di-n-propylamine	8.85	70	45670	35.382	ng	# 98
20) 3+4-Methylphenols	8.82	107	77226	42.747	ng	97
22) Acetophenone	8.88	105	93709	40.746	ng	94
24) Nitrobenzene	9.27	77	71013	38.948	ng	96
25) Isophorone	9.78	82	134538	41.547	ng	98
26) 2-Nitrophenol	9.97	139	40272	43.156	ng	94
27) 2,4-Dimethylphenol	10.03	122	65383	48.888	ng	100
28) bis(2-Chloroethoxy)methane	10.26	93	74235	40.623	ng	98
29) 2,4-Dichlorophenol	10.51	162	76884	51.675	ng	97
30) 1,2,4-Trichlorobenzene	10.72	180	75981	42.278	ng	97
31) Naphthalene	10.91	128	203829	44.930	ng	99
32) Benzoic acid	10.13	122	7995m	17.583	ng	
33) 4-Chloroaniline	11.03	127	59529	30.224	ng	96
34) Hexachlorobutadiene	11.17	225	52821	43.437	ng	94
35) Caprolactam	11.83	113	28537	46.347	ng	# 83
36) 4-Chloro-3-methylphenol	12.15	107	80521	47.425	ng	99
37) 2-Methylnaphthalene	12.52	142	155947	48.185	ng	98
38) 1-Methylnaphthalene	12.73	142	148078	47.150	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	97028	39.554	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	116108	86.152	nq	96
43) 2,4,6-Trichlorophenol	13.12	196	73590	48.790	nq	98
44) 2,4,5-Trichlorophenol	13.20	196	80395	50.343	nq	97
46) 1,1'-Biphenyl	13.52	154	211251	38.398	nq	98
47) 2-Chloronaphthalene	13.57	162	169465	39.877	nq	97
48) 2-Nitroaniline	13.78	65	54102	39.968	nq	93
49) Acenaphthylene	14.41	152	286566	45.107	nq	100
50) Dimethylphthalate	14.14	163	235380	43.920	nq	98
51) 2,6-Dinitrotoluene	14.27	165	53101	43.723	nq	88
52) Acenaphthene	14.75	154	161604	42.539	nq	96
53) 3-Nitroaniline	14.61	138	40397	32.630	nq	96
54) 2,4-Dinitrophenol	14.81	184	33529	48.575	nq	96
55) Dibenzofuran	15.08	168	284218	43.646	nq	95
56) 4-Nitrophenol	14.92	139	82252	87.576	nq	96
57) 2,4-Dinitrotoluene	15.06	165	77959	45.575	nq	90
58) Fluorene	15.73	166	230818	47.842	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.31	232	79224	55.141	nq	94
60) Diethylphthalate	15.49	149	250232	42.533	nq	98
61) 4-Chlorophenyl-phenylether	15.72	204	130760	43.439	nq	97
62) 4-Nitroaniline	15.77	138	56604	44.410	nq	99
63) Azobenzene	16.01	77	195679	39.814	nq	94
65) 4,6-Dinitro-2-methylphenol	15.82	198	40732	31.996	nq	85
66) n-Nitrosodiphenylamine	15.94	169	215788	41.153	nq	97
67) 4-Bromophenyl-phenylether	16.61	248	91786	42.113	nq	95
68) Hexachlorobenzene	16.73	284	97730	43.257	nq	97
69) Atrazine	16.88	200	90541	46.528	nq	95
70) Pentachlorophenol	17.08	266	79886	59.779	nq	99
71) Phenanthrene	17.48	178	414971	44.841	nq	99
72) Anthracene	17.57	178	421930	46.183	nq	99
73) Carbazole	17.85	167	369524	40.898	nq	98
74) Di-n-butylphthalate	18.37	149	431264	41.598	nq	98
75) Fluoranthene	19.49	202	501277	43.779	nq	98
77) Benzidine	19.67	184	201832	38.754	nq	99
78) Pyrene	19.85	202	504705	43.383	nq	100
80) Butylbenzylphthalate	20.71	149	189089	41.602	nq	95
81) Benzo(a)anthracene	21.69	228	483061	45.017	nq	98
82) 3,3'-Dichlorobenzidine	21.61	252	121745	28.607	nq	98
83) Chrysene	21.76	228	445351	43.089	nq	99
84) Bis(2-ethylhexyl)phthalate	21.56	149	262366	40.701	nq	99
85) Di-n-octyl phthalate	22.78	149	447515	41.453	nq	96
86) Indeno(1,2,3-cd)pyrene	28.78	276	541792	44.587	nq	# 93
88) Benzo(b)fluoranthene	23.95	252	478380	47.121	nq	98
89) Benzo(k)fluoranthene	24.02	252	456458	45.152	nq	97
90) Benzo(a)pyrene	24.85	252	461632	47.133	nq	# 99
91) Dibenzo(a,h)anthracene	28.84	278	449255	46.069	nq	98
92) Benzo(g,h,i)perylene	29.97	276	450861	46.914	nq	97

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



#1

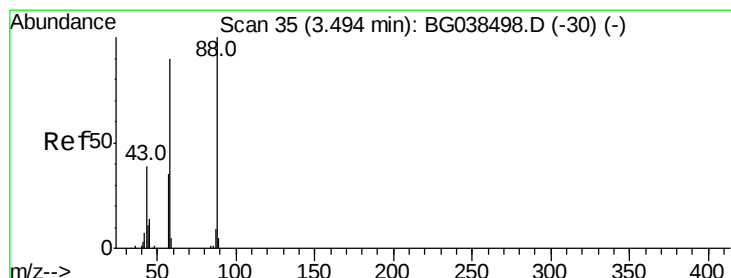
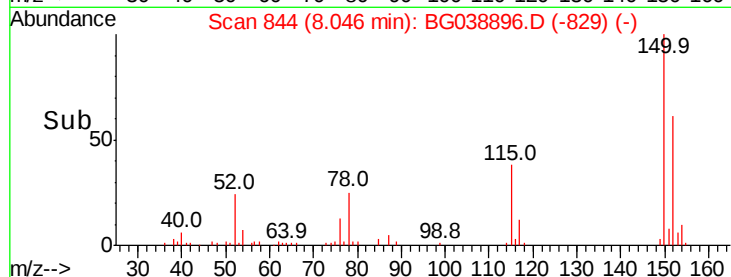
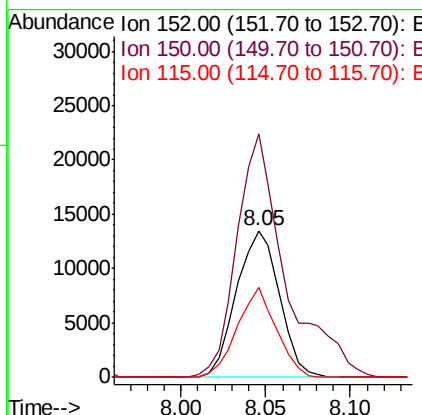
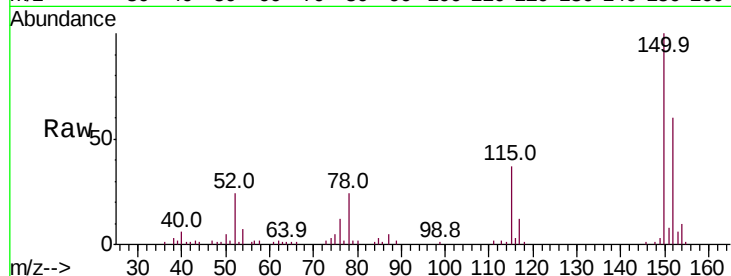
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG038896.D
Acq: 2 Jan 2019 17:38

Instrument :
BNA_G
ClientSampleId :
PB116049BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	166.4	119.5	179.3
115	61.9	49.6	74.4

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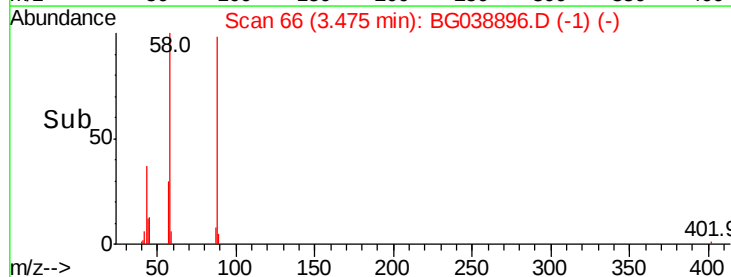
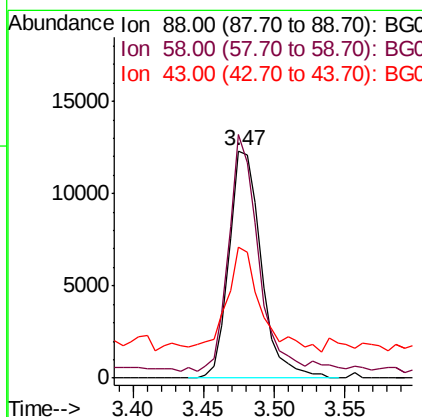
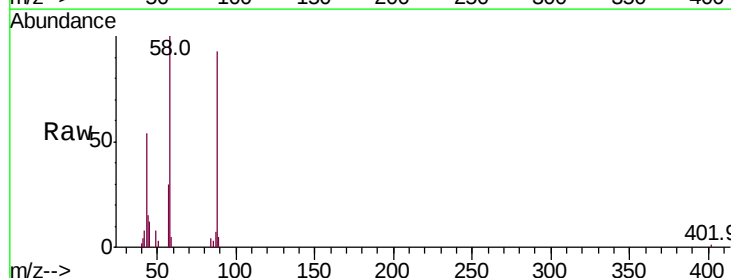
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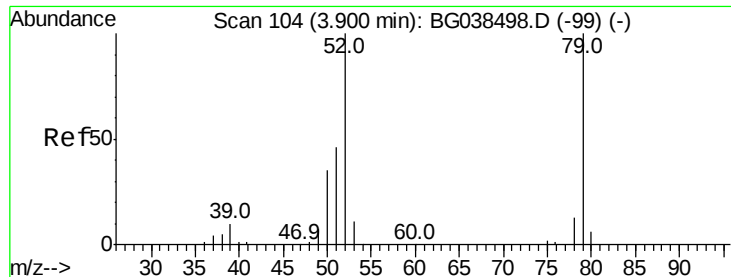


#2

1,4-Dioxane
Concen: 31.343 ng
RT: 3.47 min Scan# 66
Delta R.T. -0.02 min
Lab File: BG038896.D
Acq: 2 Jan 2019 17:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	94.8	75.7	113.5
43	48.6	31.6	47.4





#3

Pvridine

Concen: 32.590 ng

RT: 3.88 min Scan# 135

Delta R.T. -0.02 min

Lab File: BG038896.D

Acq: 2 Jan 2019 17:38

Instrument :

BNA_G

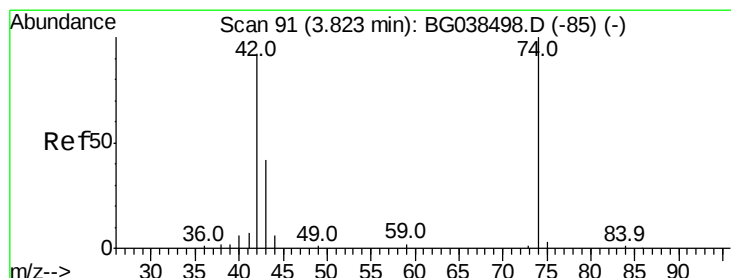
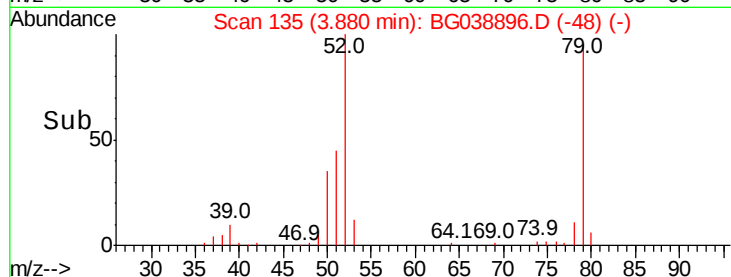
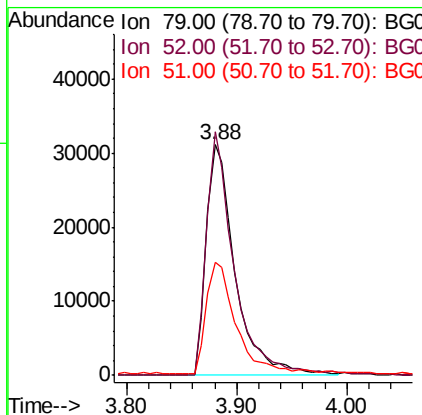
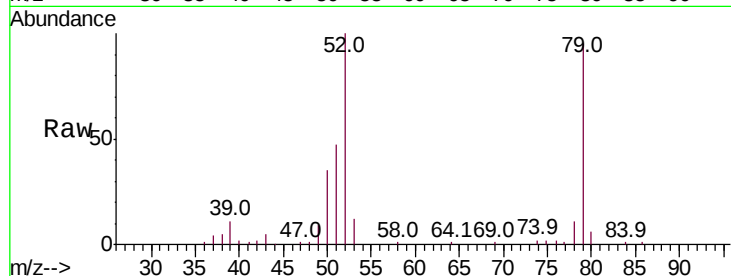
ClientSampleId :

PB116049BS

Tot Ion:	79	Resp:	55905
Ion	Ratio	Lower	Upper
79	100		
52	105.5	80.2	120.2
51	49.2	38.0	57.0

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#4

n-Nitrosodimethylamine

Concen: 37.444 ng

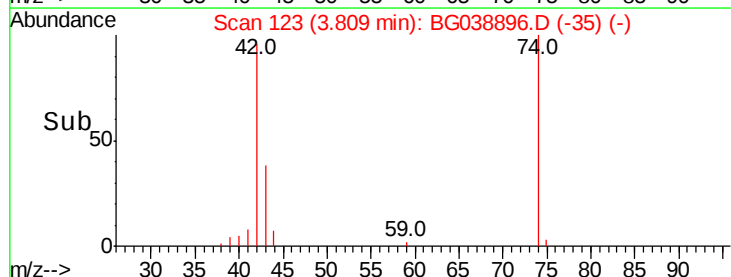
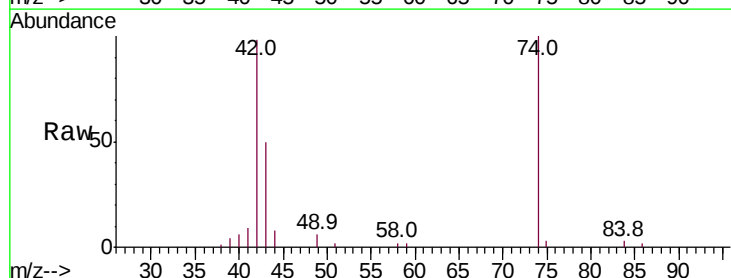
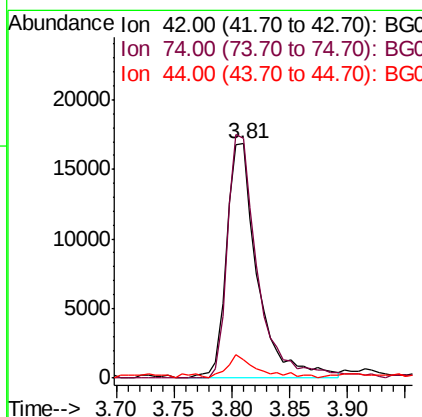
RT: 3.81 min Scan# 123

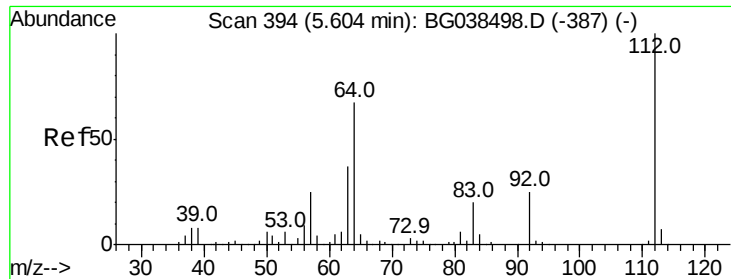
Delta R.T. -0.01 min

Lab File: BG038896.D

Acq: 2 Jan 2019 17:38

Tgt Ion:	42	Resp:	31472
Ion	Ratio	Lower	Upper
42	100		
74	102.3	86.7	130.1
44	8.0	7.8	11.8





#5

2-Fluorophenol

Concen: 136.474 ng

RT: 5.60 min Scan# 428

Delta R.T. -0.00 min

Lab File: BG038896.D

Acq: 2 Jan 2019 17:38

Instrument :

BNA_G

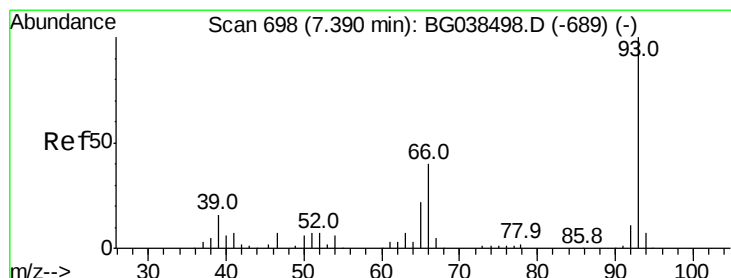
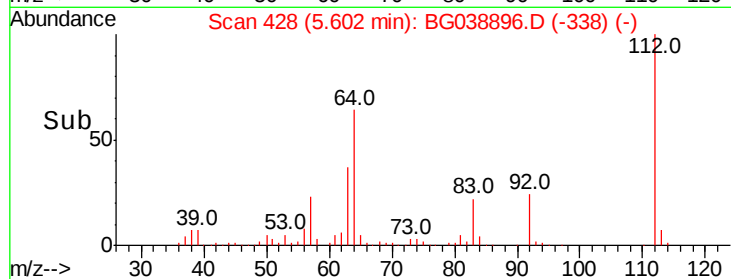
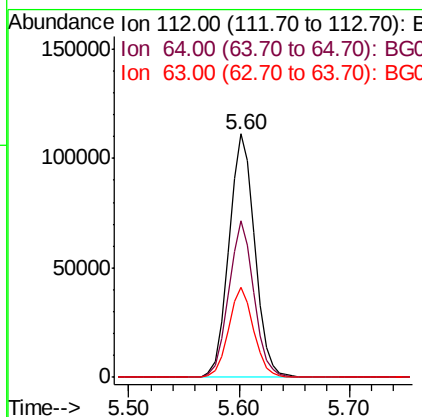
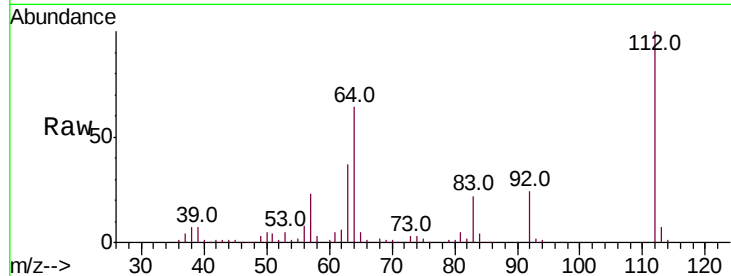
ClientSampleId :

PB116049BS

Tot Ion:	112	Resp:	182699
Ion Ratio	Lower	Upper	
112	100		
64	64.3	53.4	80.2
63	36.8	29.3	43.9

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#6

Aniline

Concen: 27.334 ng

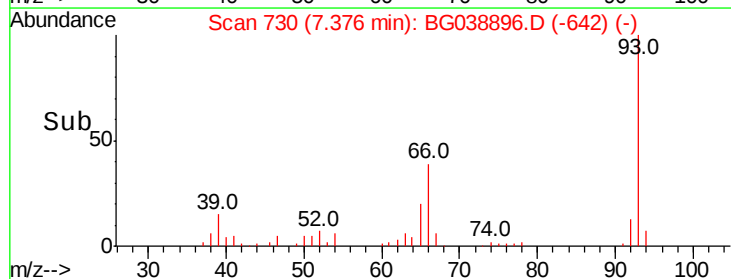
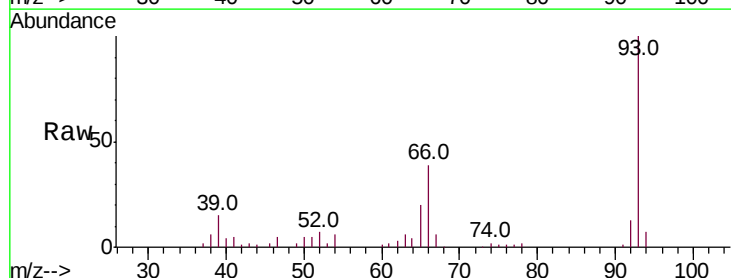
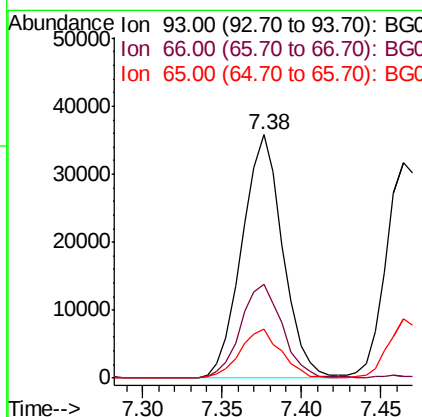
RT: 7.38 min Scan# 730

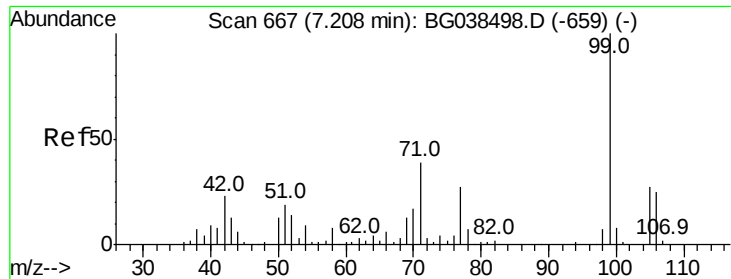
Delta R.T. -0.01 min

Lab File: BG038896.D

Acq: 2 Jan 2019 17:38

Tgt Ion:	93	Resp:	64126
Ion Ratio	Lower	Upper	
93	100		
66	38.7	31.7	47.5
65	20.0	17.8	26.6





#7

Phenol-d6

Concen: 134.372 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038896.D

Acq: 2 Jan 2019 17:38

Instrument :

BNA_G

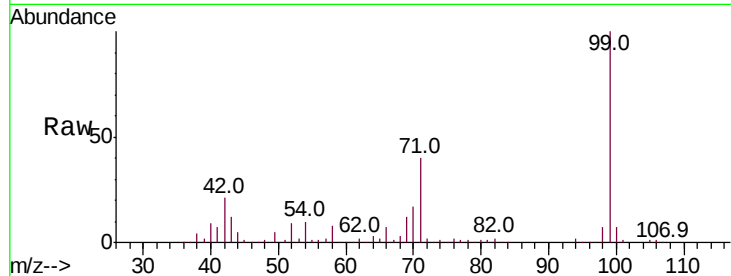
ClientSampleId :

PB116049BS

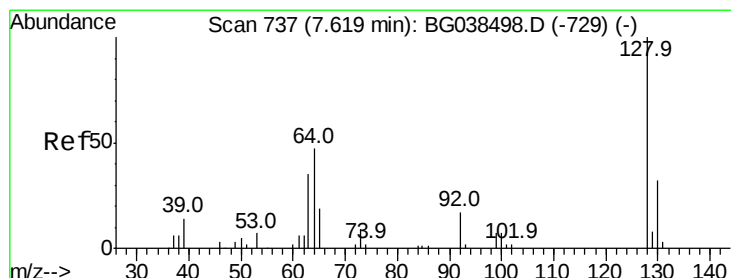
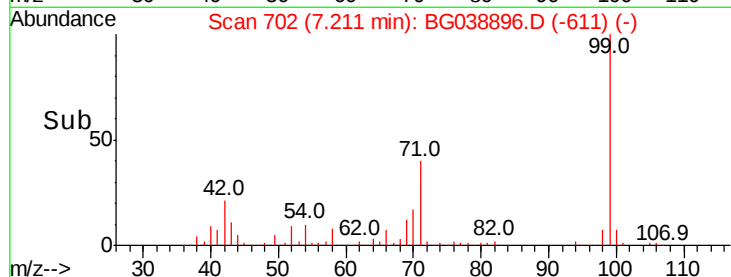
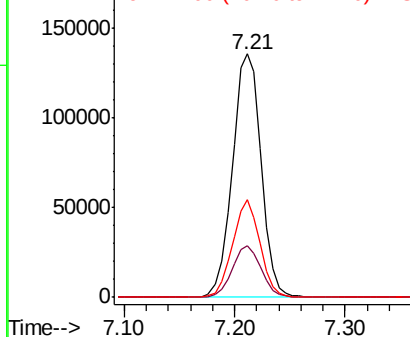
Tot Ion:	99	Resp:	246947
Ion Ratio	Lower	Upper	
99	100		
42	21.1	18.5	27.7
71	40.2	31.1	46.7

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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 42.909 ng

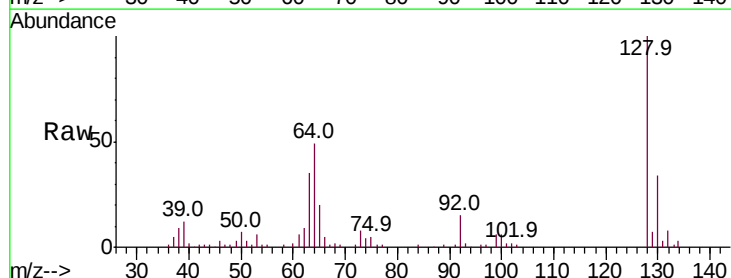
RT: 7.61 min Scan# 770

Delta R.T. -0.01 min

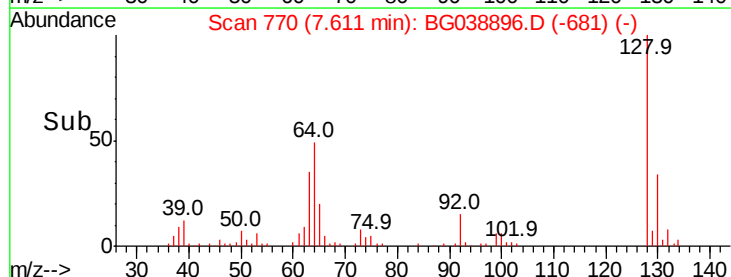
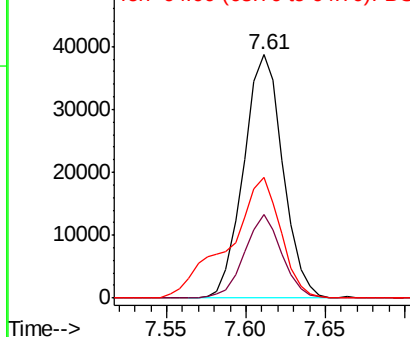
Lab File: BG038896.D

Acq: 2 Jan 2019 17:38

Tgt Ion:	128	Resp:	66475
Ion Ratio	Lower	Upper	
128	100		
130	34.2	11.8	51.8
64	49.5	33.2	73.2



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





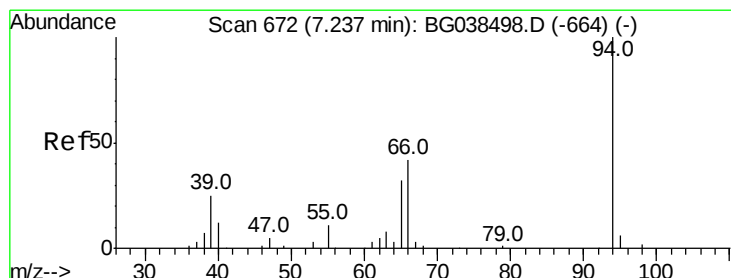
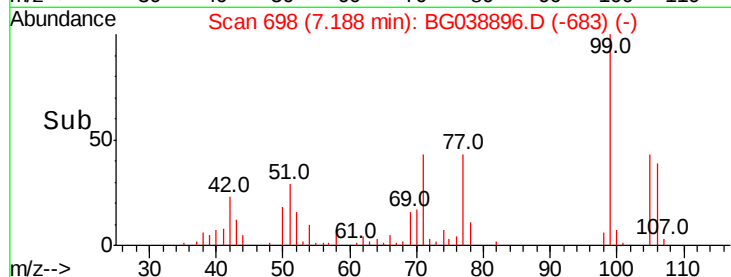
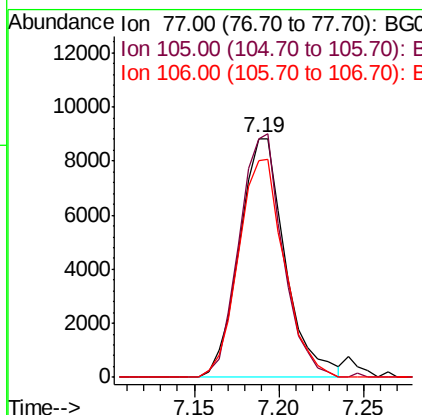
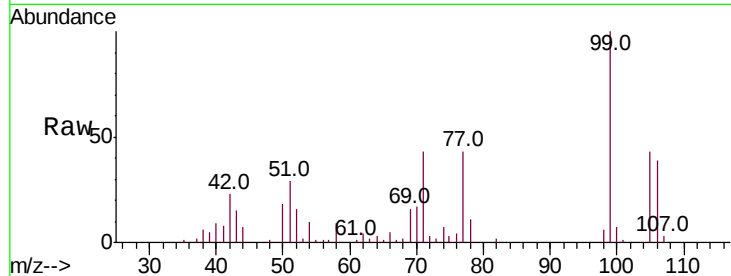
#9
Benzaldehyde
Concen: 13.985 ng
RT: 7.19 min Scan# 698
Delta R.T. -0.01 min
Lab File: BG038896.D
Acq: 2 Jan 2019 17:38

Instrument :
BNA_G
ClientSampleId :
PB116049BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	99.6	74.0	114.0
106	90.7	73.9	113.9

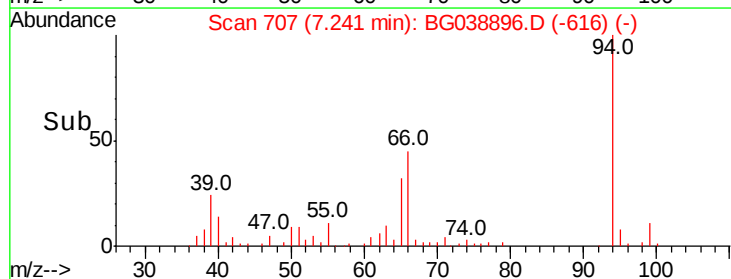
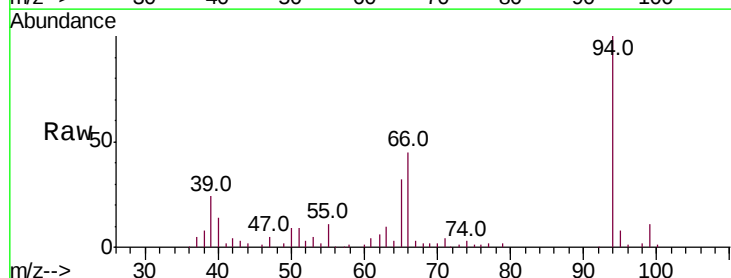
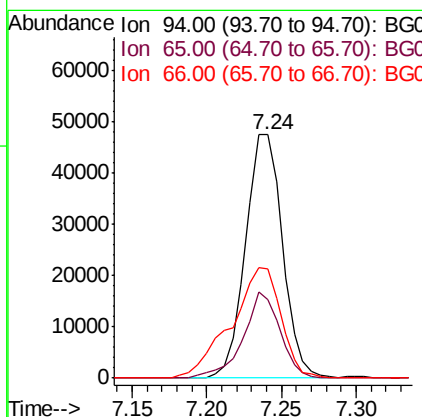
Manual Integrations
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#10
Phenol
Concen: 41.700 ng
RT: 7.24 min Scan# 707
Delta R.T. 0.00 min
Lab File: BG038896.D
Acq: 2 Jan 2019 17:38

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.4	12.6	52.6
66	44.7	24.1	64.1





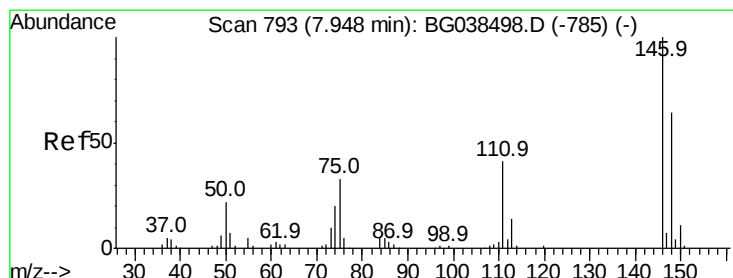
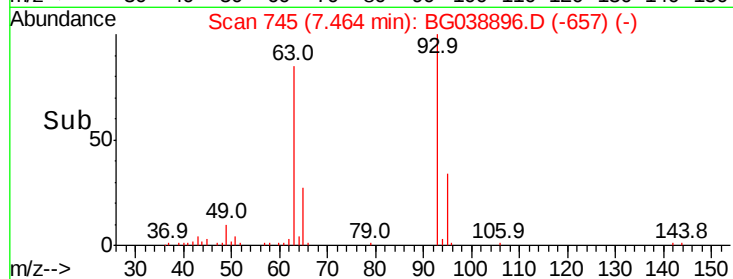
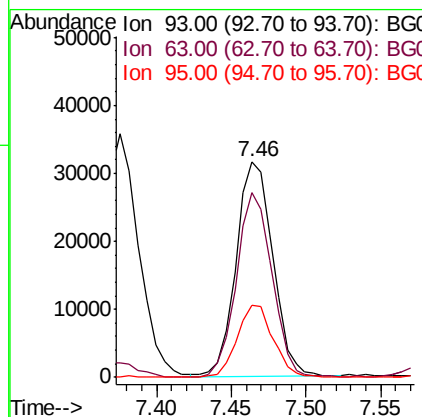
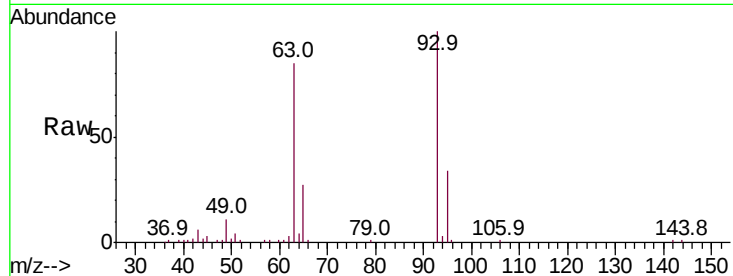
#11
bis(2-Chloroethyl)ether
Concen: 34.646 ng
RT: 7.46 min Scan# 745
Delta R.T. -0.01 min
Lab File: BG038896.D
Acq: 2 Jan 2019 17:38

Instrument :
BNA_G
ClientSampleId :
PB116049BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	85.3	72.2	112.2
95	33.5	11.2	51.2

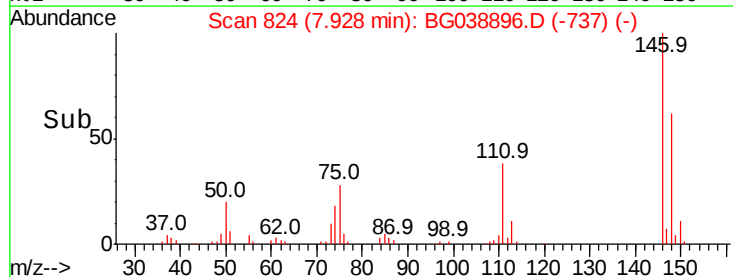
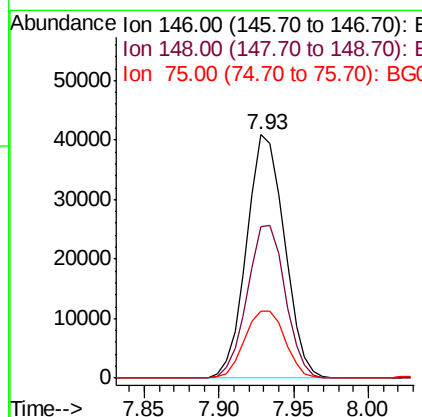
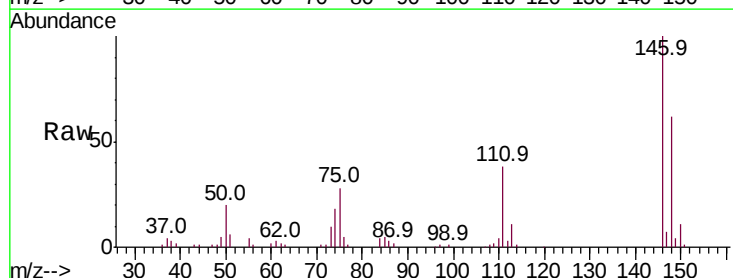
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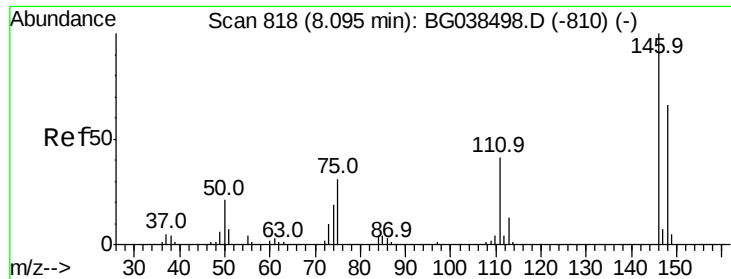
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#12
1,3-Dichlorobenzene
Concen: 39.183 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.02 min
Lab File: BG038896.D
Acq: 2 Jan 2019 17:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.3	51.4	77.0
75	27.7	26.1	39.1





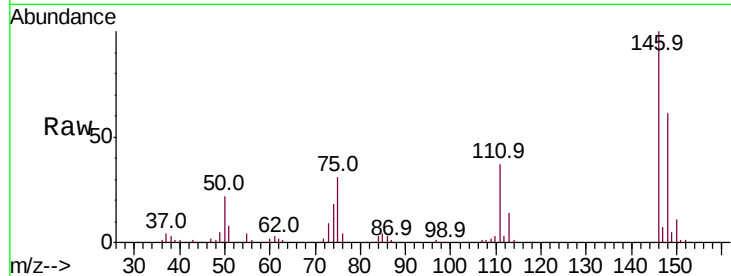
#13
 1,4-Dichlorobenzene
 Concen: 38.779 ng
 RT: 8.08 min Scan# 850
 Delta R.T. -0.01 min
 Lab File: BG038896.D
 Acq: 2 Jan 2019 17:38

Instrument :
 BNA_G
 ClientSampleId :
 PB116049BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.4	52.4	78.6
111	37.0	33.0	49.4

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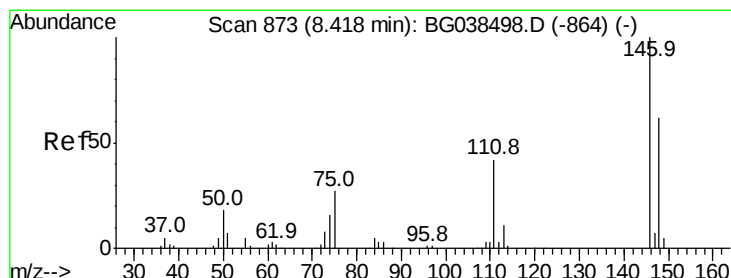
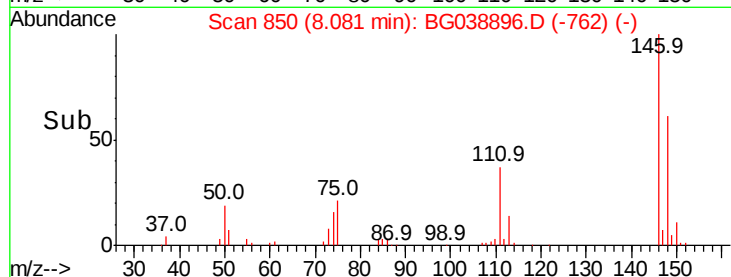
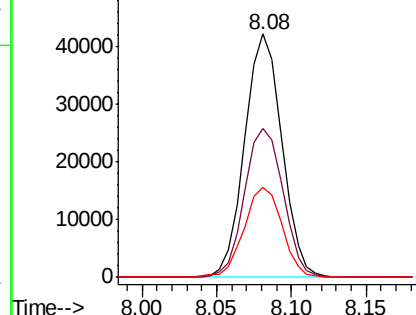


Abundance

Ion 146.00 (145.70 to 146.70): E

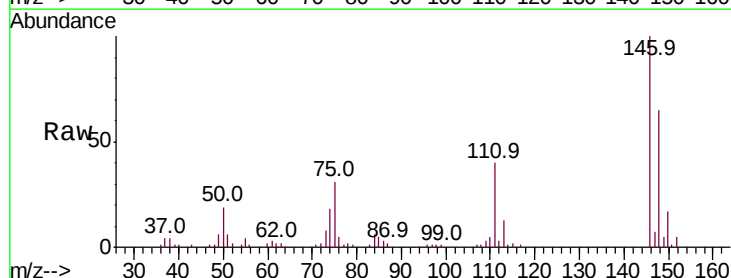
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 39.044 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.02 min
 Lab File: BG038896.D
 Acq: 2 Jan 2019 17:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	49.4	74.0
111	39.6	33.8	50.6

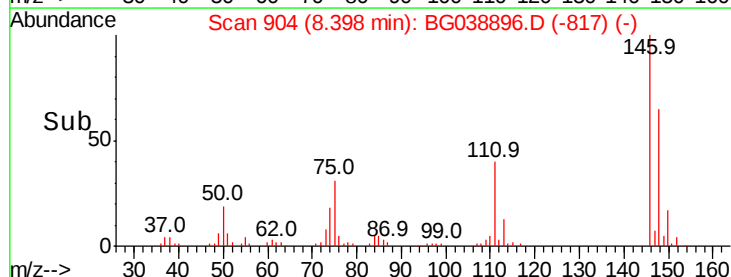
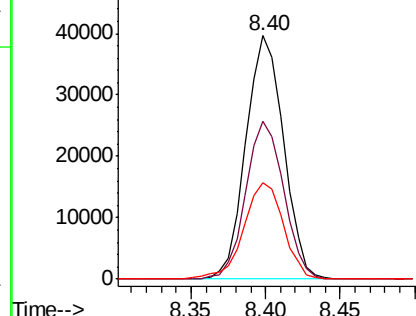


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.755 ng

RT: 8.29 min Scan# 886

Delta R.T. -0.01 min

Lab File: BG038896.D

Acq: 2 Jan 2019 17:38

Instrument :

BNA_G

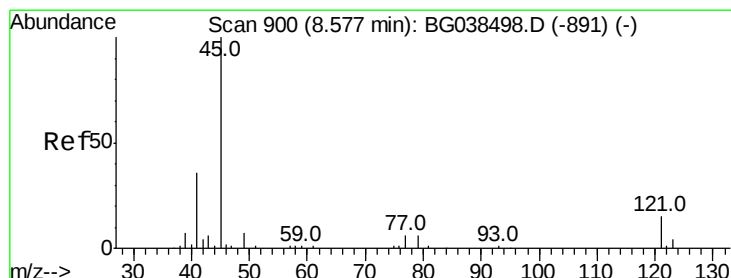
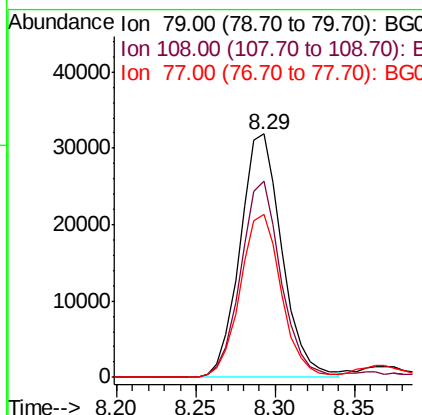
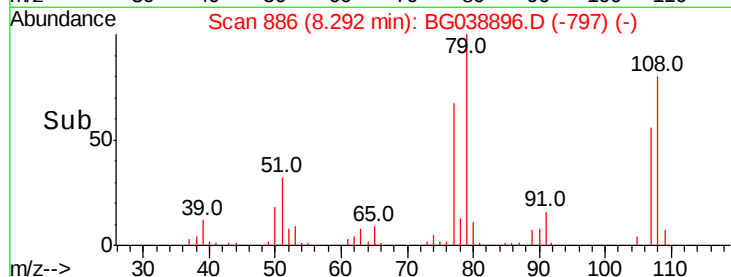
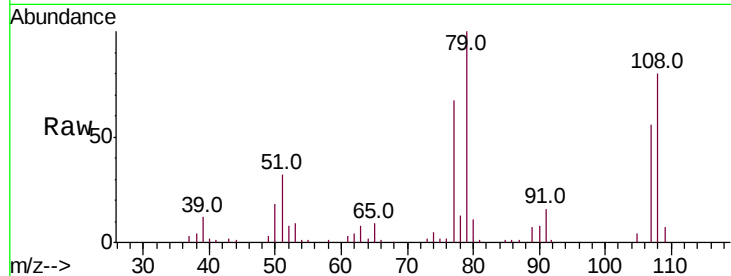
ClientSampleId :

PB116049BS

Tot Ion:	79	Resp:	58462
Ion Ratio	Lower	Upper	
79	100		
108	80.4	60.2	90.4
77	66.9	50.7	76.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 30.403 ng

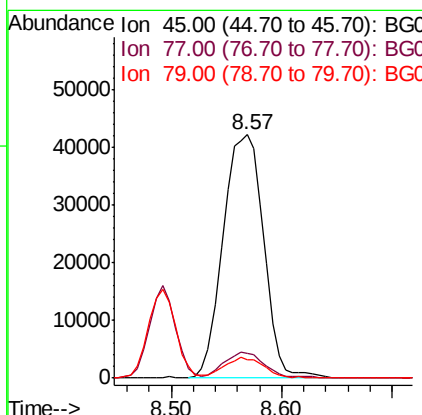
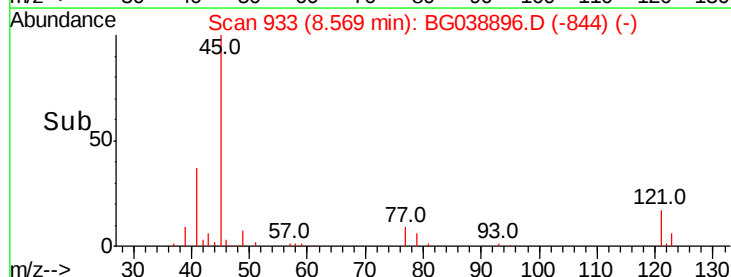
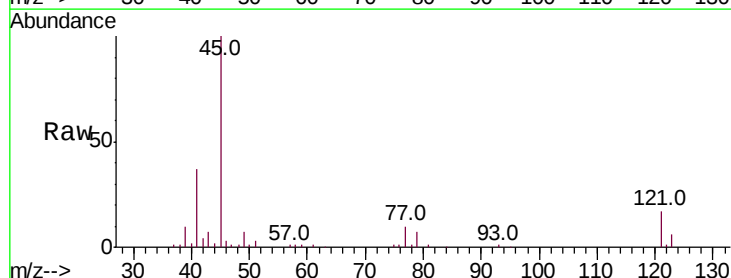
RT: 8.57 min Scan# 933

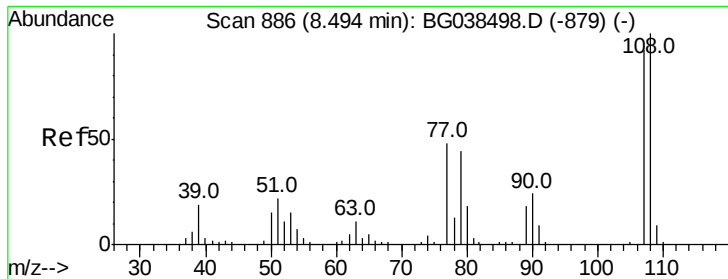
Delta R.T. -0.01 min

Lab File: BG038896.D

Acq: 2 Jan 2019 17:38

Tgt Ion:	45	Resp:	108261
Ion Ratio	Lower	Upper	
45	100		
77	10.3	0.0	28.2
79	7.4	0.0	27.2





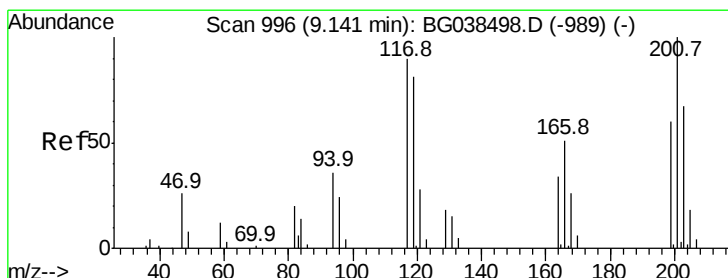
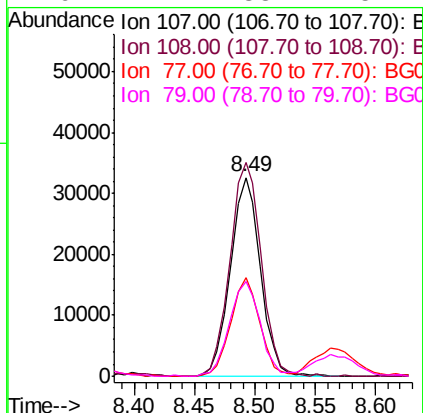
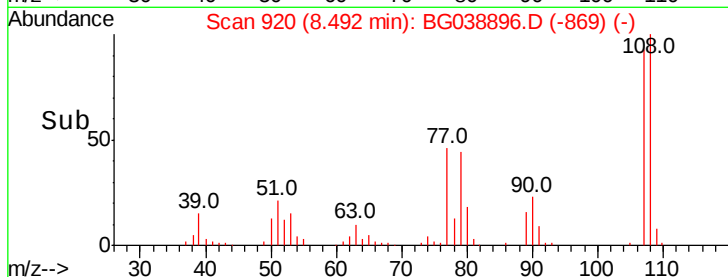
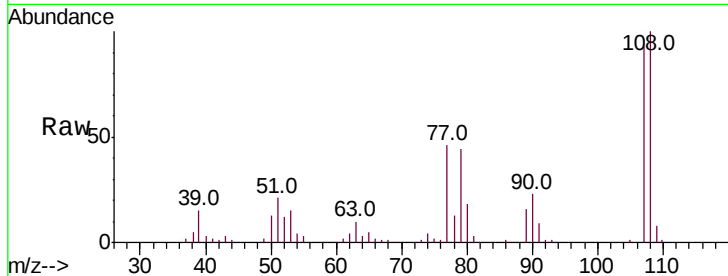
#17
2-Methylphenol
Concen: 43.289 ng
RT: 8.49 min Scan# 920
Delta R.T. -0.00 min
Lab File: BG038896.D
Acq: 2 Jan 2019 17:38

Instrument :
BNA_G
ClientSampleID :
PB116049BS

Tot Ion	107	Resp	56627
Ion	Ratio	Lower	Upper
107	100		
108	107.5	87.1	130.7
77	49.4	42.0	63.0
79	47.4	38.2	57.2

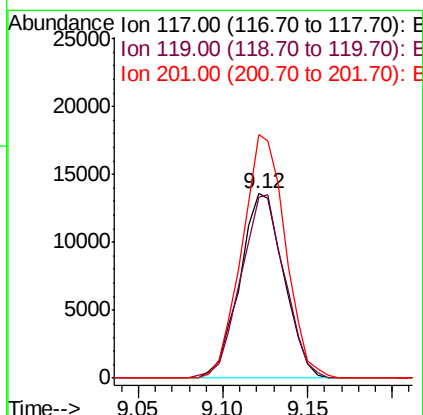
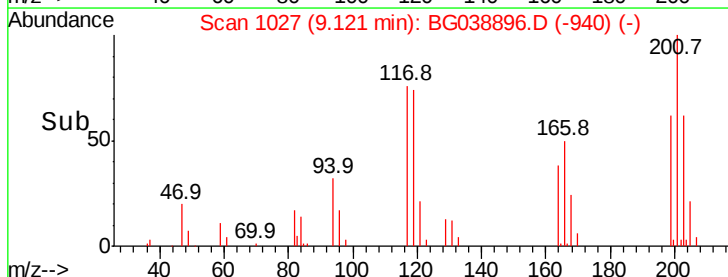
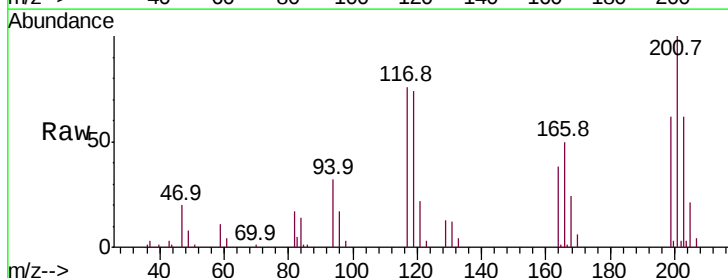
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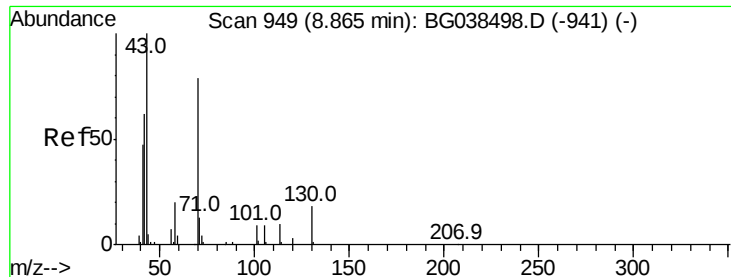
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#18
Hexachloroethane
Concen: 36.001 ng
RT: 9.12 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BG038896.D
Acq: 2 Jan 2019 17:38

Tgt Ion	117	Resp	24679
Ion	Ratio	Lower	Upper
117	100		
119	97.7	73.8	110.8
201	131.8	89.4	134.0





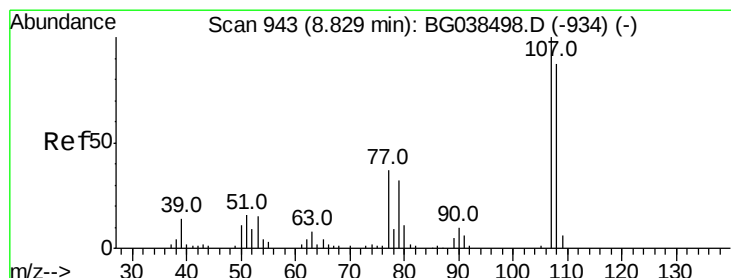
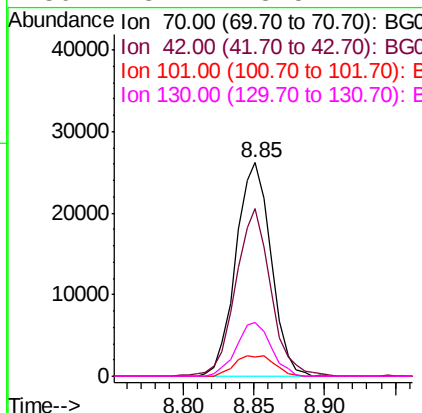
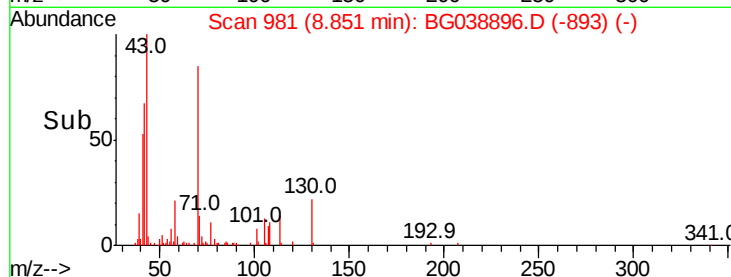
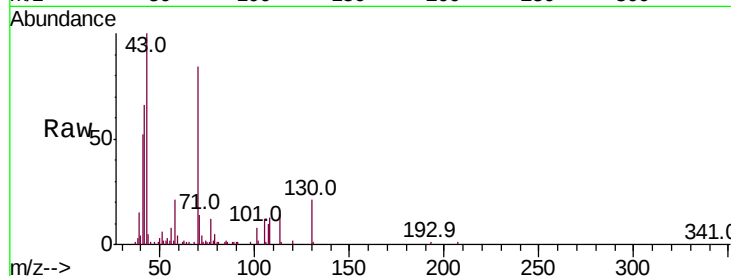
#19
n-Nitroso-di-n-propylamine
Concen: 35.382 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.01 min
Lab File: BG038896.D
Acq: 2 Jan 2019 17:38

Instrument :
BNA_G
ClientSampleId :
PB116049BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	78.4	63.6	95.4
101	9.0	9.2	13.8
130	25.4	18.5	27.7

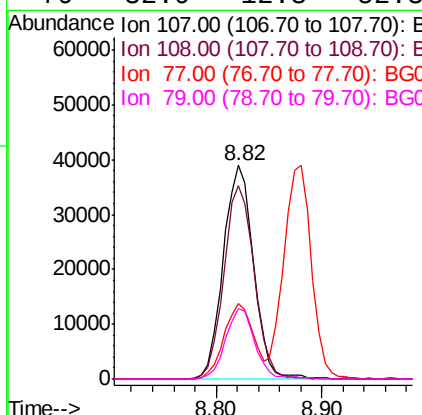
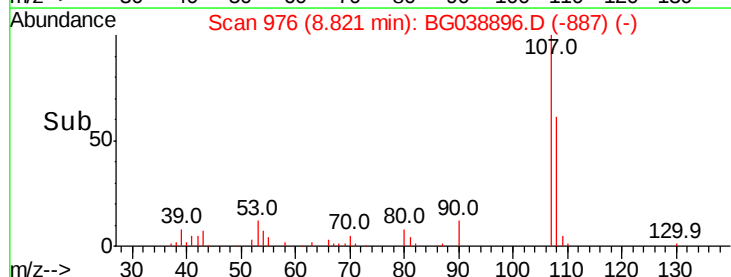
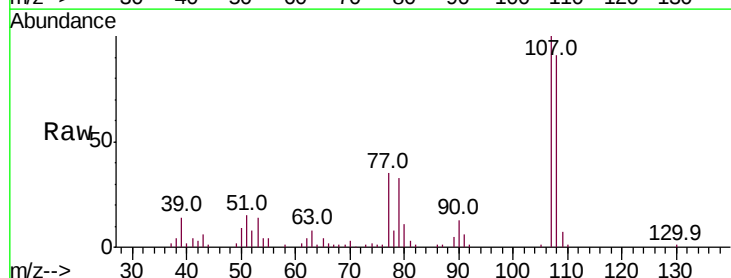
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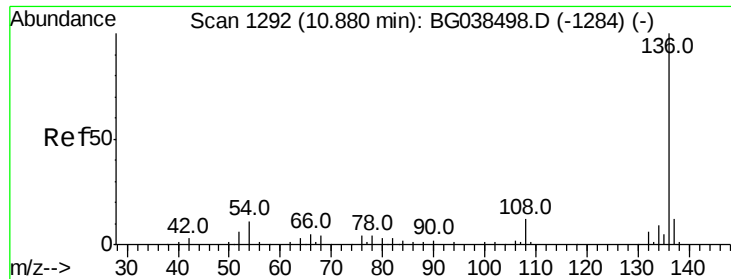
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#20
3+4-Methylphenols
Concen: 42.747 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG038896.D
Acq: 2 Jan 2019 17:38

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.6	66.7	106.7
77	35.3	17.3	57.3
79	32.9	12.3	52.3





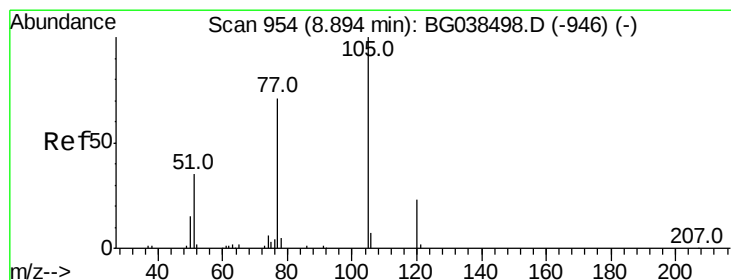
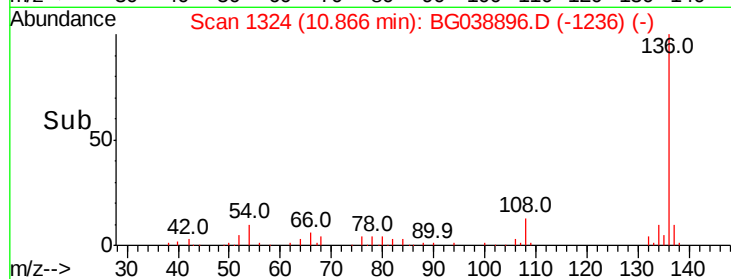
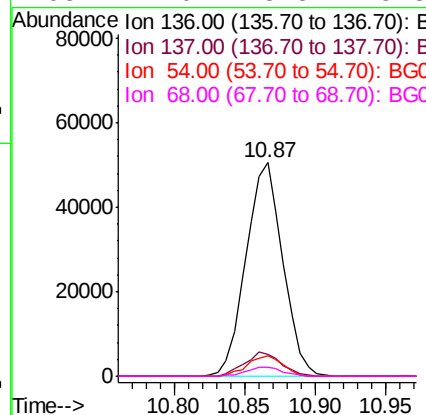
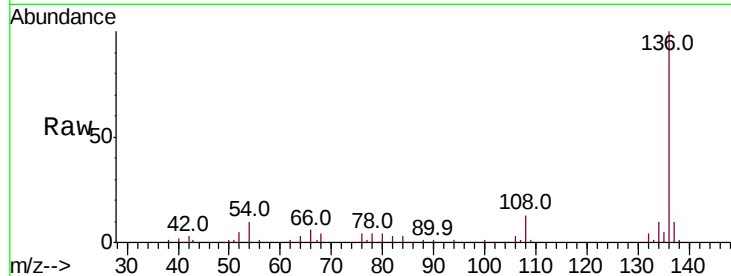
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG038896.D
Acq: 2 Jan 2019 17:38

Instrument :
BNA_G
ClientSampleId :
PB116049BS

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.3	13.9
54	9.6	8.5	12.7
68	4.0	3.5	5.3

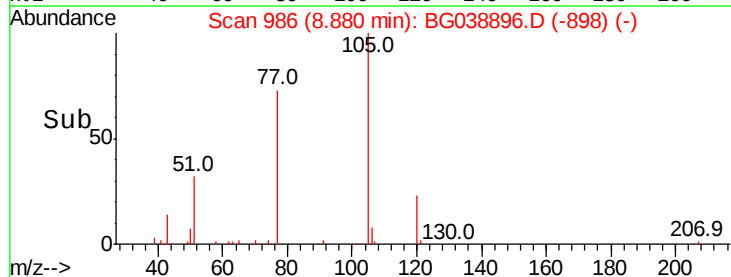
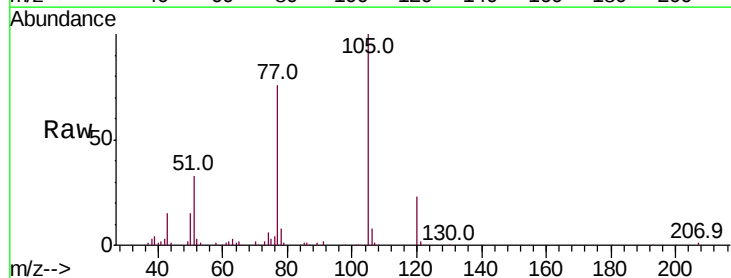
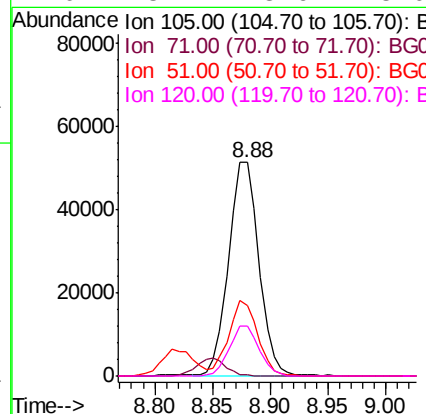
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#22
Acetophenone
Concen: 40.746 ng
RT: 8.88 min Scan# 986
Delta R.T. -0.01 min
Lab File: BG038896.D
Acq: 2 Jan 2019 17:38

Tgt Ion	Ratio	Lower	Upper
105	100		
71	0.4	0.4	0.6
51	32.9	30.6	46.0
120	23.4	18.6	28.0





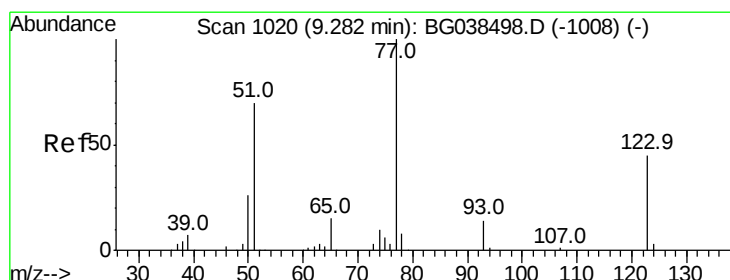
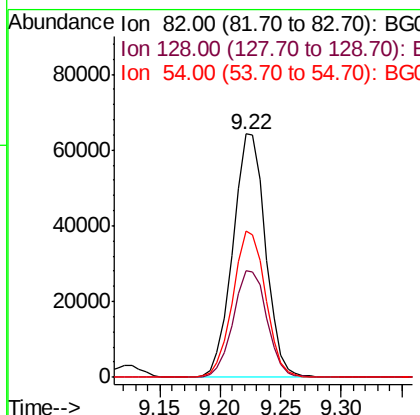
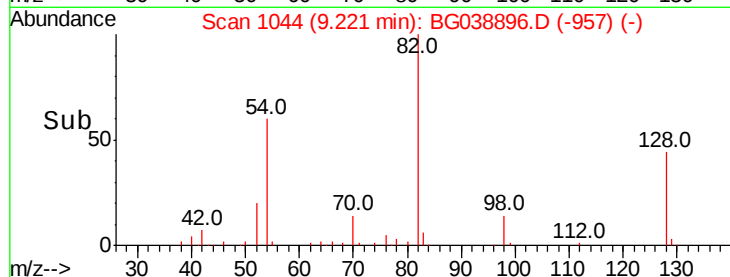
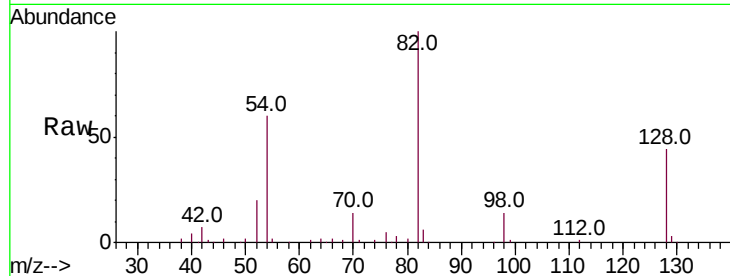
#23
Nitrobenzene-d5
Concen: 67.254 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG038896.D
Acq: 2 Jan 2019 17:38

Instrument :
BNA_G
ClientSampleId :
PB116049BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.7	34.6	52.0
54	60.1	50.6	76.0

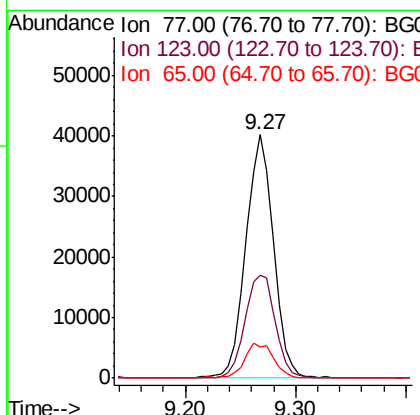
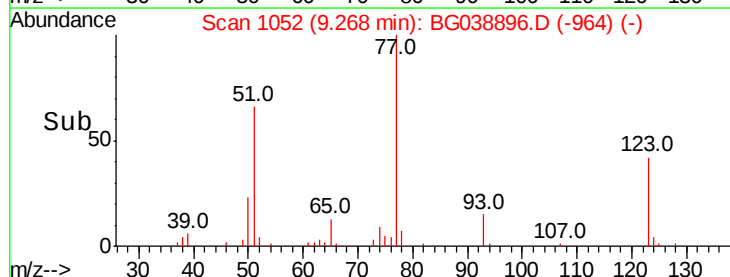
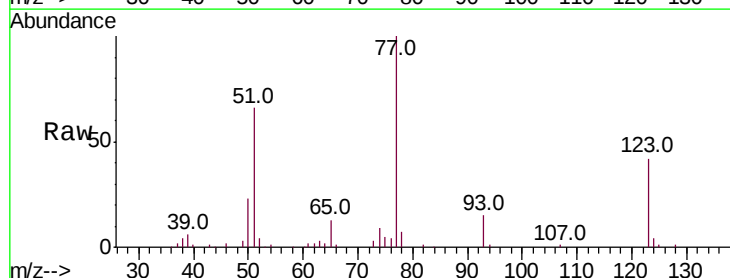
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#24
Nitrobenzene
Concen: 38.948 ng
RT: 9.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BG038896.D
Acq: 2 Jan 2019 17:38

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.5	35.9	53.9
65	12.7	12.0	18.0





#25

Isophorone

Concen: 41.547 ng

RT: 9.78 min Scan# 1139

Delta R.T. -0.01 min

Lab File: BG038896.D

Acq: 2 Jan 2019 17:38

Instrument :

BNA_G

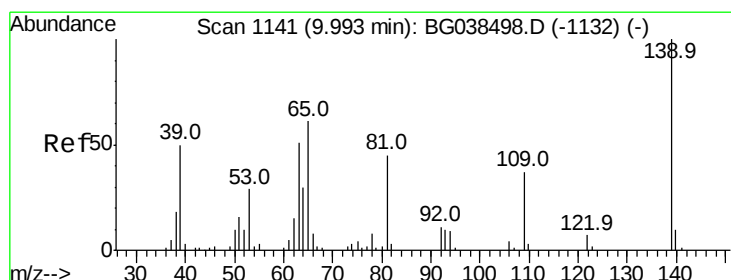
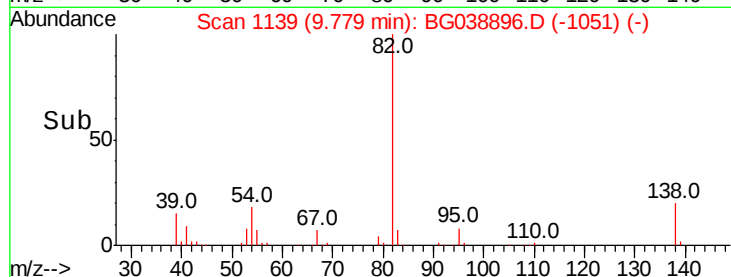
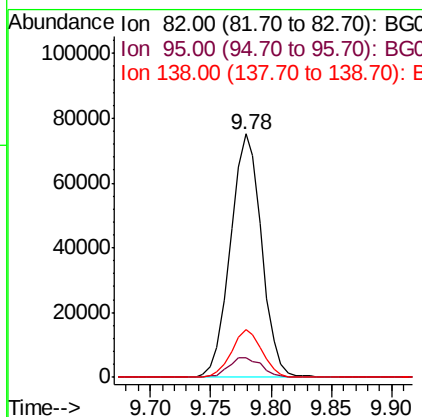
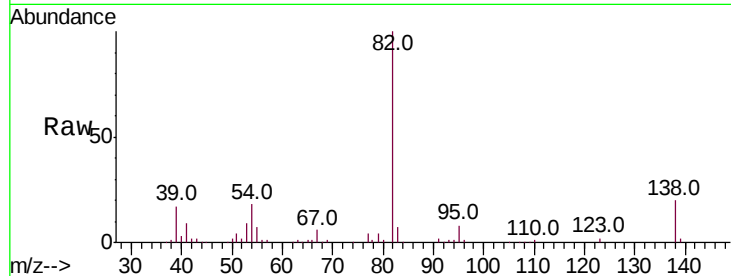
ClientSampleId :

PB116049BS

Tot Ion:	82	Resp:	134538
Ion Ratio	Lower	Upper	
82	100		
95	8.0	6.1	9.1
138	19.5	14.9	22.3

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#26

2-Nitrophenol

Concen: 43.156 ng

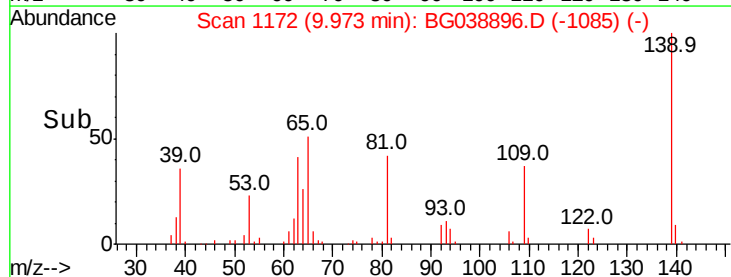
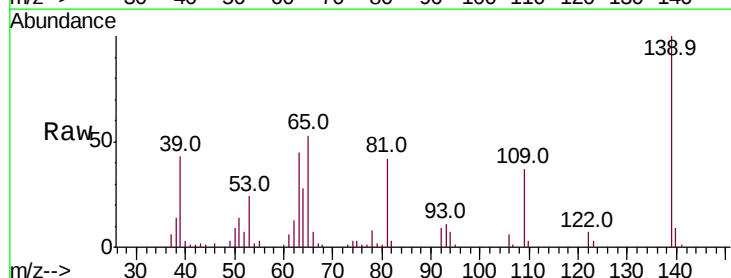
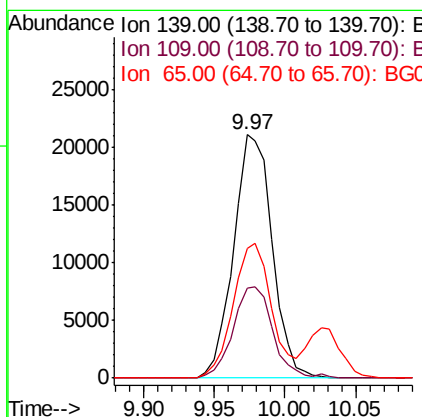
RT: 9.97 min Scan# 1172

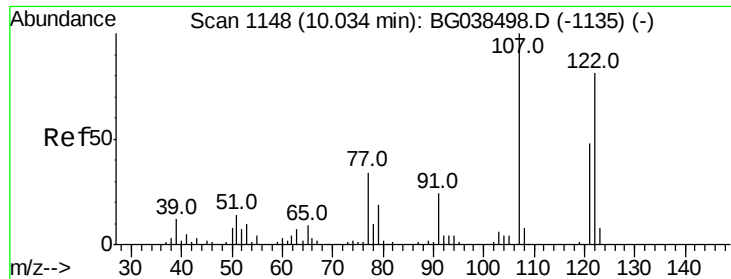
Delta R.T. -0.02 min

Lab File: BG038896.D

Acq: 2 Jan 2019 17:38

Tgt Ion:	139	Resp:	40272
Ion Ratio	Lower	Upper	
139	100		
109	37.0	29.5	44.3
65	53.3	48.5	72.7





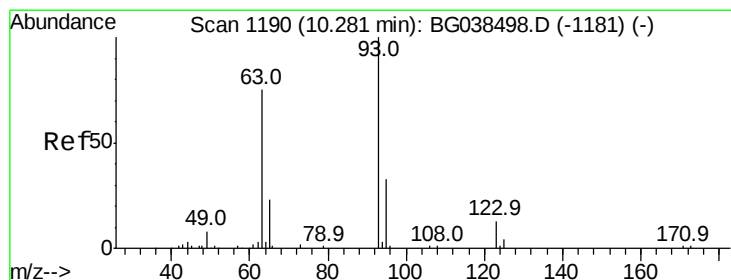
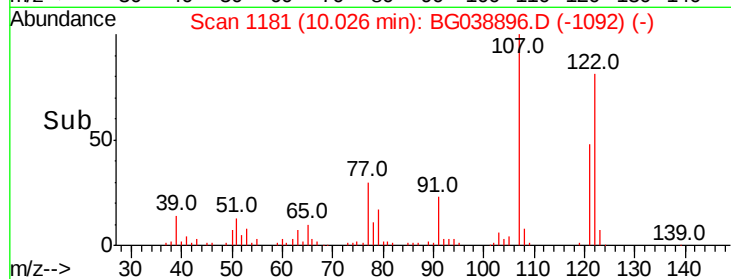
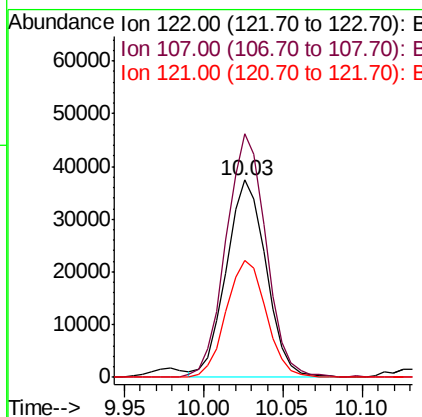
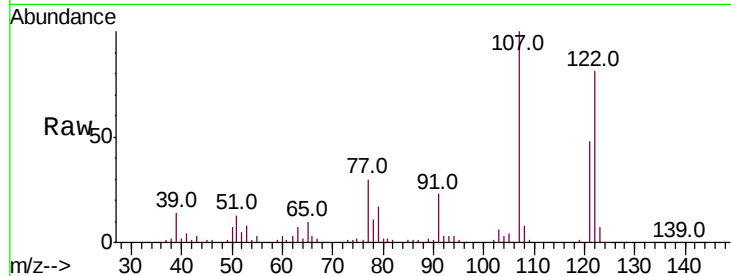
#27
 2,4-Dimethylphenol
 Concen: 48.888 ng
 RT: 10.03 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BG038896.D
 Acq: 2 Jan 2019 17:38

Instrument :
 BNA_G
 ClientSampleId :
 PB116049BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	123.5	98.4	147.6
121	59.2	47.2	70.8

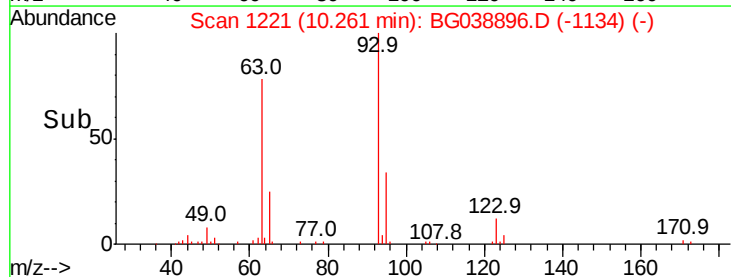
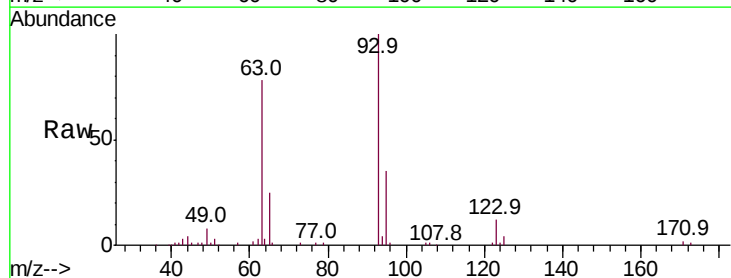
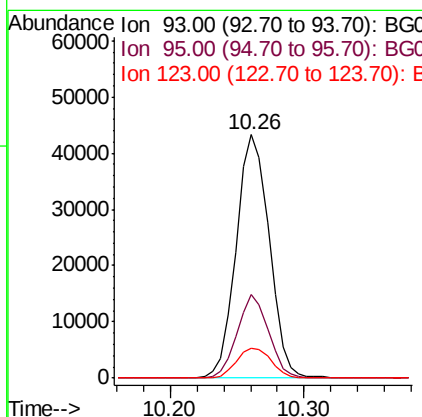
Manual Integrations
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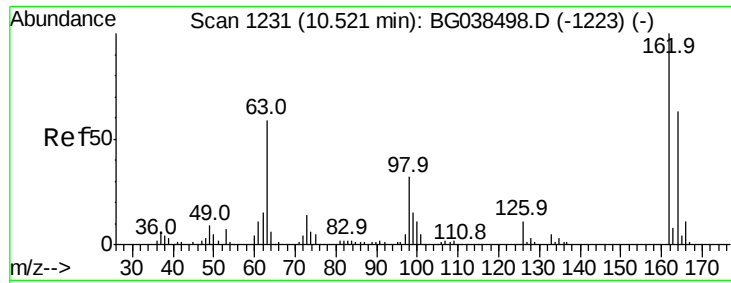
Sohil
 1/3/2019 11:16:14 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.623 ng
 RT: 10.26 min Scan# 1221
 Delta R.T. -0.02 min
 Lab File: BG038896.D
 Acq: 2 Jan 2019 17:38

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.5	26.6	40.0
123	12.0	10.6	16.0





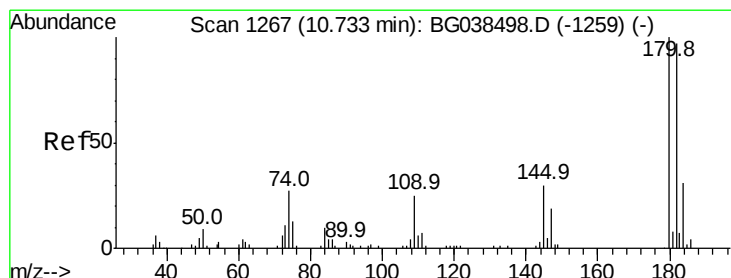
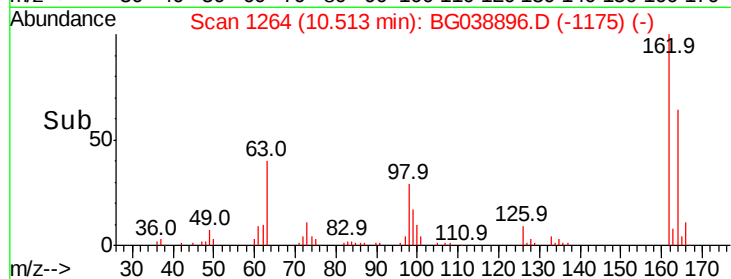
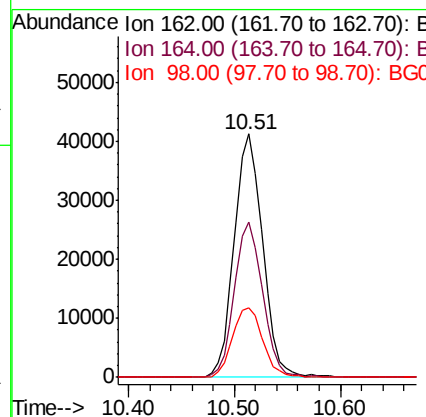
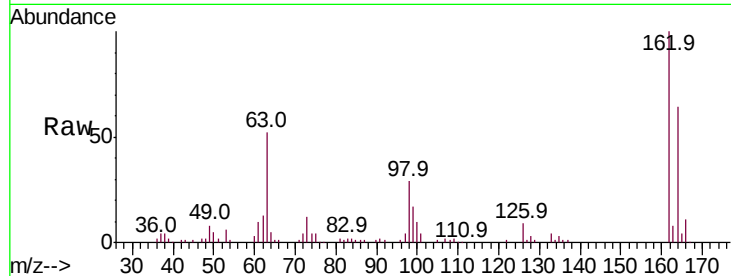
#29
 2,4-Dichlorophenol
 Concen: 51.675 ng
 RT: 10.51 min Scan# 1264
 Delta R.T. -0.01 min
 Lab File: BG038896.D
 Acq: 2 Jan 2019 17:38

Instrument :
 BNA_G
 ClientSampleID :
 PB116049BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	42.9	82.9
98	28.8	12.1	52.1

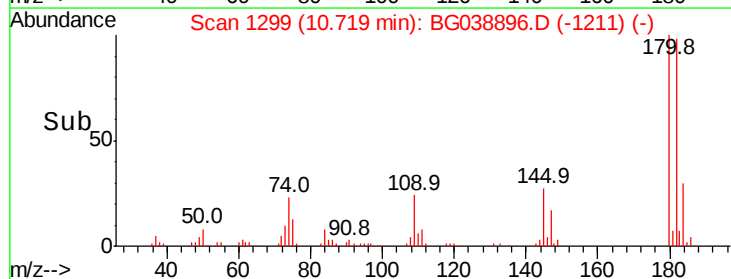
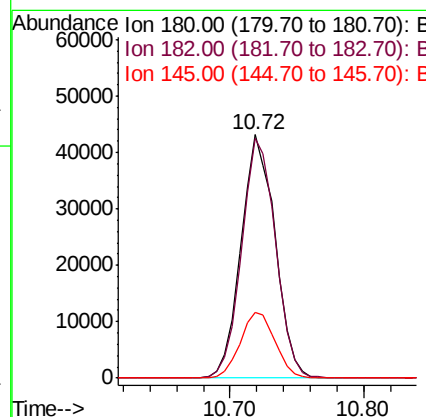
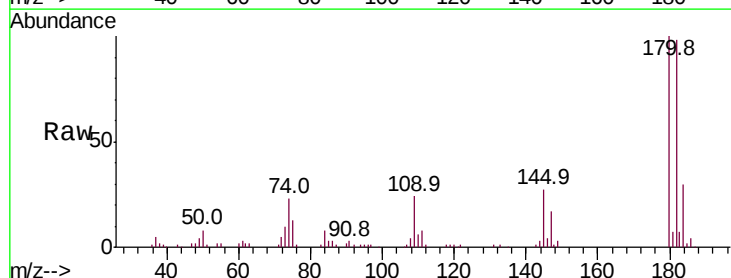
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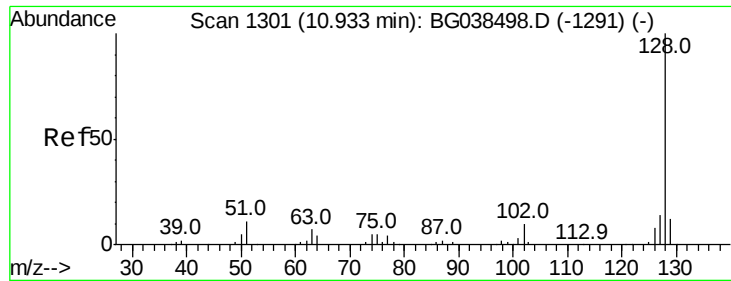
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.278 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BG038896.D
 Acq: 2 Jan 2019 17:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.4	77.4	116.0
145	26.8	24.1	36.1





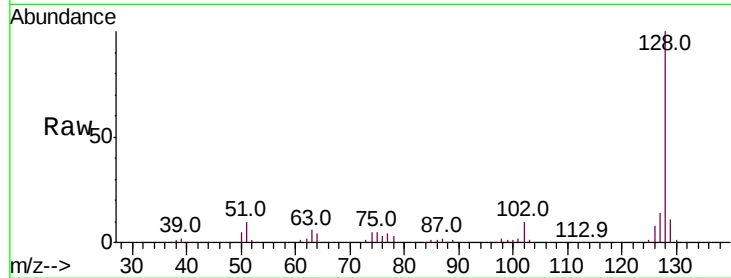
#31
Naphthalene
Concen: 44.930 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BG038896.D
Acq: 2 Jan 2019 17:38

Instrument :
BNA_G
ClientSampled :
PB116049BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.5	14.3
127	13.6	10.9	16.3

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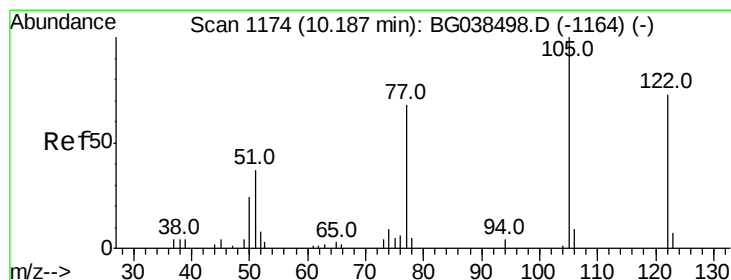
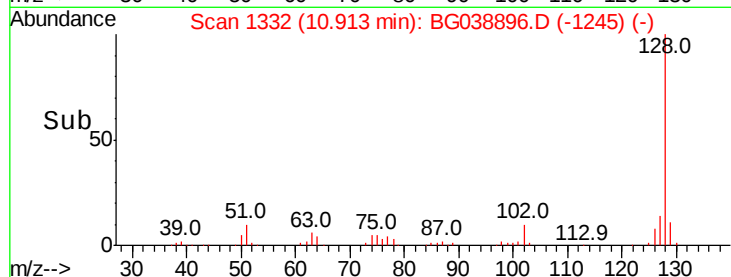
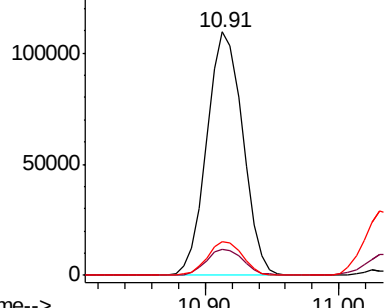


Abundance

Ion 128.00 (127.70 to 128.70): E

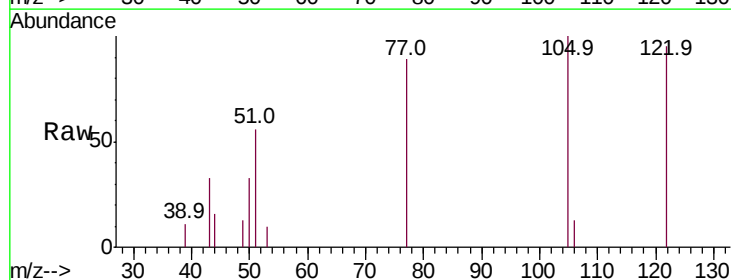
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 17.583 ng m
RT: 10.13 min Scan# 1199
Delta R.T. -0.05 min
Lab File: BG038896.D
Acq: 2 Jan 2019 17:38

Tgt Ion	Ratio	Lower	Upper
122	100		
105	104.9	116.7	156.7#
77	93.8	72.5	112.5

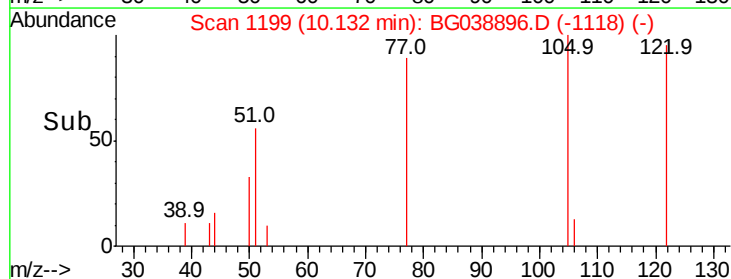
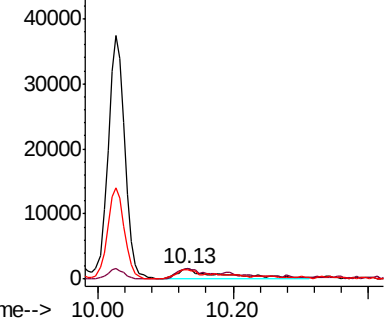


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGO





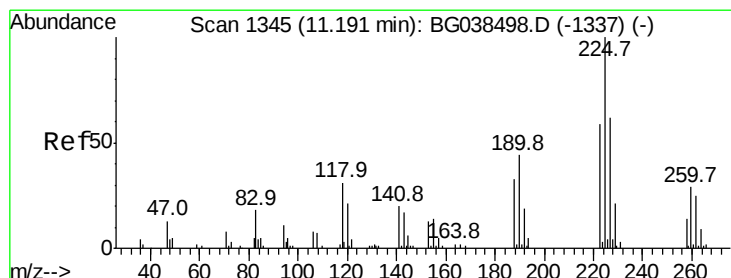
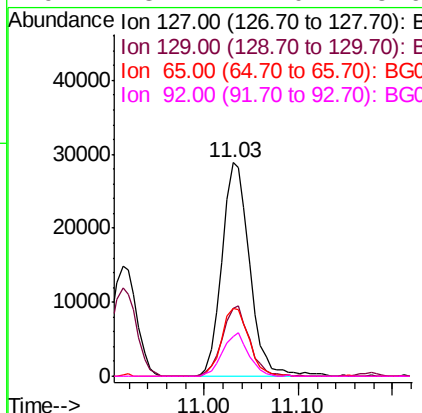
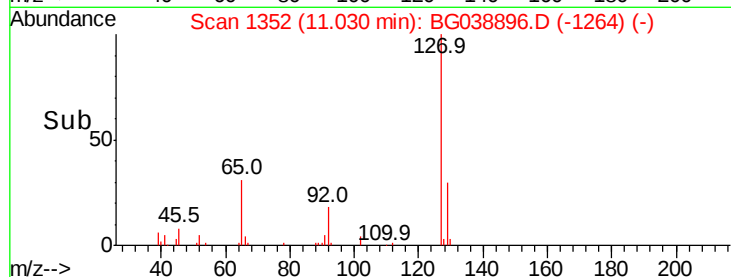
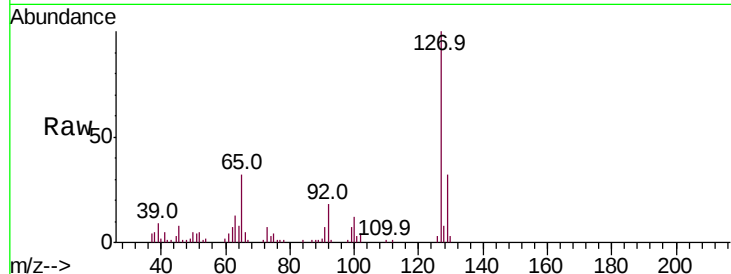
#33
4-Chloroaniline
Concen: 30.224 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG038896.D
Acq: 2 Jan 2019 17:38

Instrument :
BNA_G
ClientSampleId :
PB116049BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.8	38.8
65	31.9	27.8	41.6
92	18.4	17.0	25.6

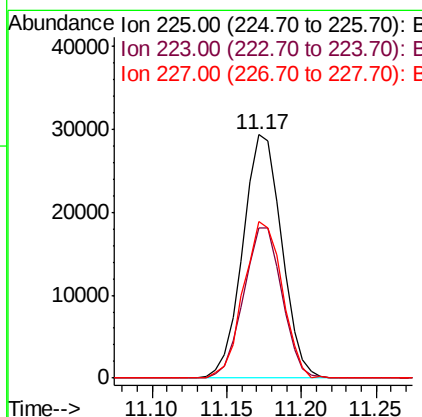
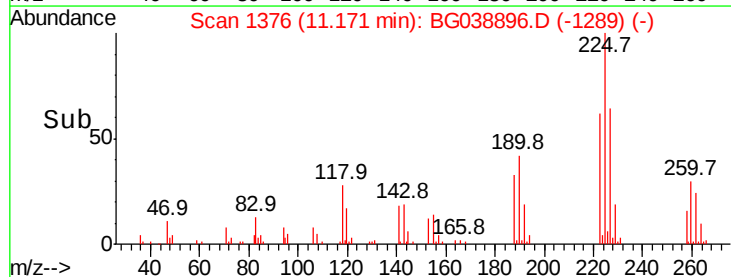
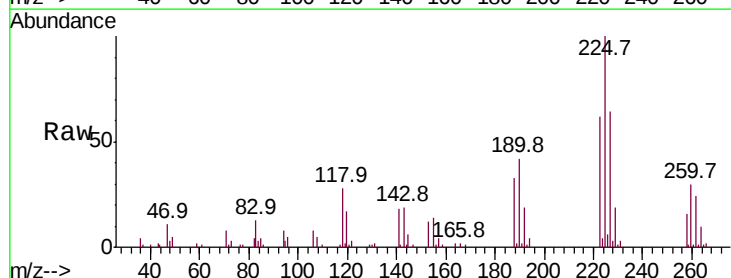
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#34
Hexachlorobutadiene
Concen: 43.437 ng
RT: 11.17 min Scan# 1376
Delta R.T. -0.02 min
Lab File: BG038896.D
Acq: 2 Jan 2019 17:38

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.6	45.0	67.6
227	66.9	50.6	75.8





#35

Caprolactam

Concen: 46.347 ng

RT: 11.83 min Scan# 1488

Delta R.T. 0.00 min

Lab File: BG038896.D

Acq: 2 Jan 2019 17:38

Instrument :

BNA_G

ClientSampled :

PB116049BS

Tot Ion:113 Resp: 28537

Ion Ratio Lower Upper

113 100

55 192.2 204.3 244.3#

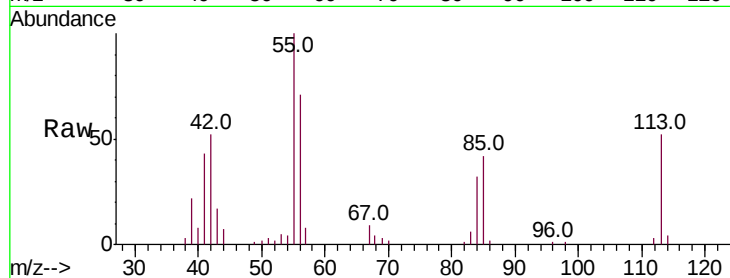
56 136.6 135.0 175.0

Manual Integrations

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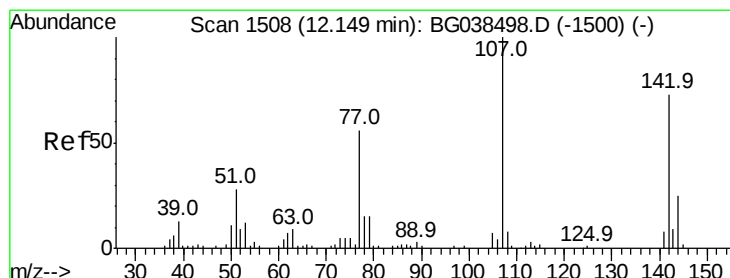
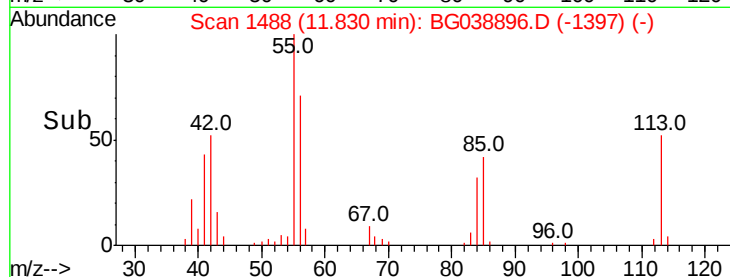
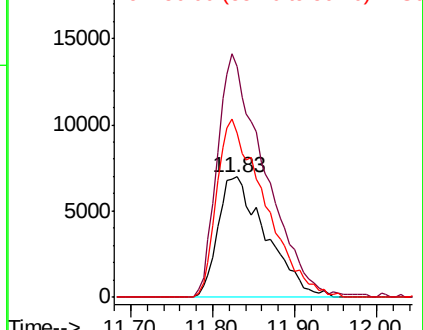
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 47.425 ng

RT: 12.15 min Scan# 1542

Delta R.T. -0.00 min

Lab File: BG038896.D

Acq: 2 Jan 2019 17:38

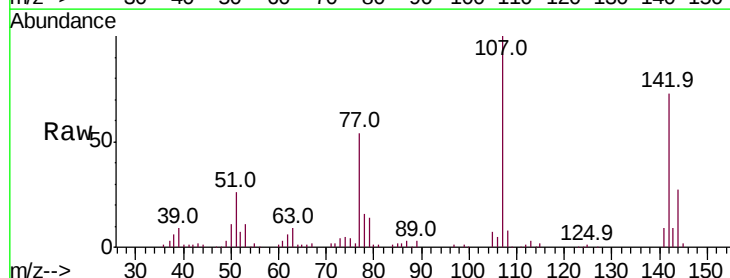
Tgt Ion:107 Resp: 80521

Ion Ratio Lower Upper

107 100

144 27.0 20.1 30.1

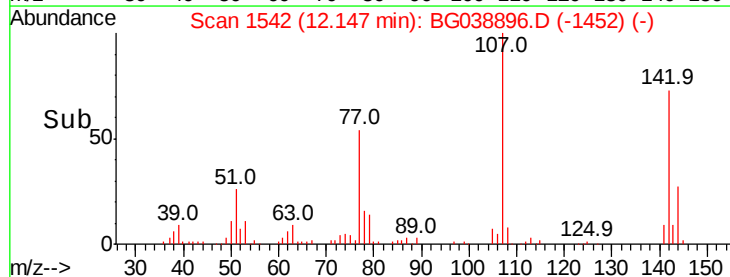
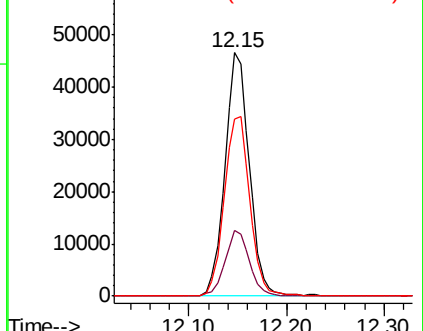
142 72.9 58.7 88.1

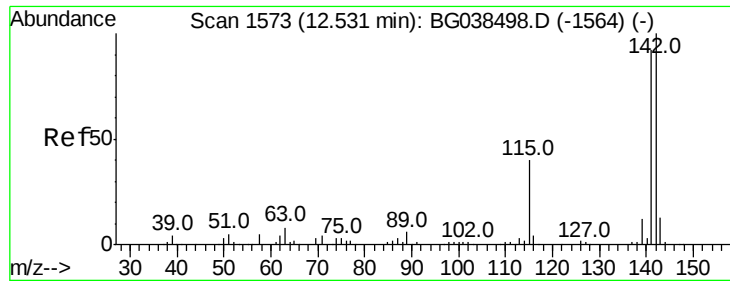


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





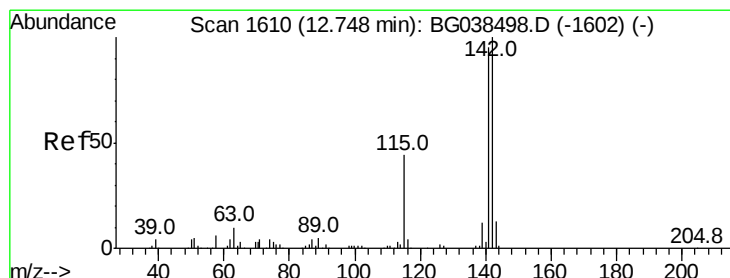
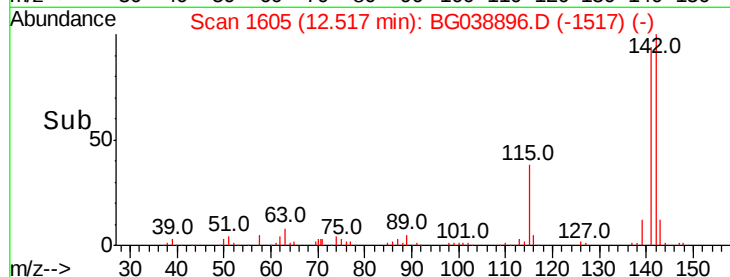
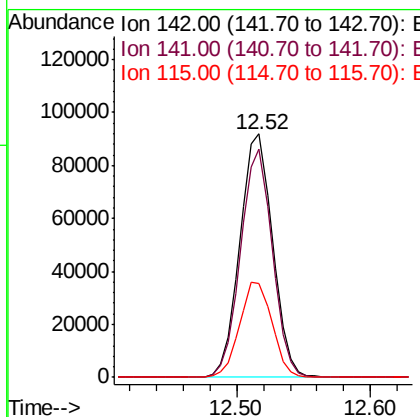
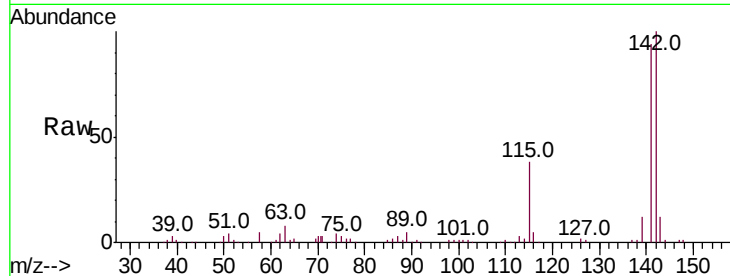
#37
2-Methylnaphthalene
Concen: 48.185 ng
RT: 12.52 min Scan# 1605
Delta R.T. -0.01 min
Lab File: BG038896.D
Acq: 2 Jan 2019 17:38

Instrument :
BNA_G
ClientSampleId :
PB116049BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.7	73.5	110.3
115	38.3	31.7	47.5

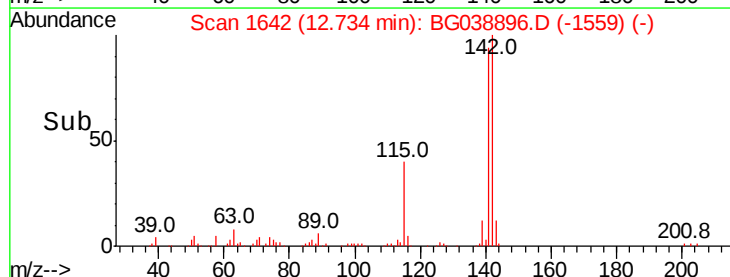
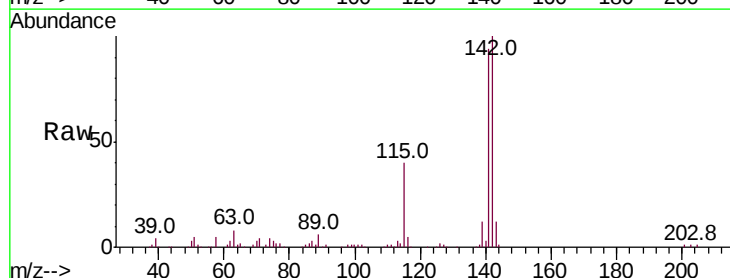
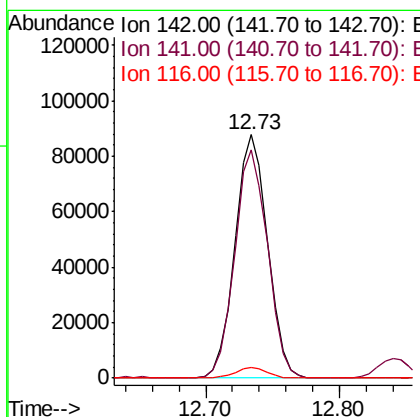
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#38
1-Methylnaphthalene
Concen: 47.150 ng
RT: 12.73 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BG038896.D
Acq: 2 Jan 2019 17:38

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.6	75.8	113.8
116	4.6	3.6	5.4





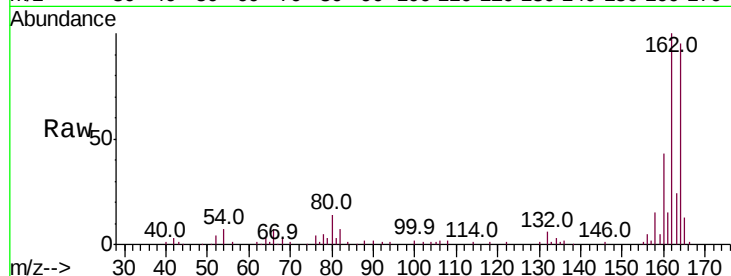
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.01 min
 Lab File: BG038896.D
 Acq: 2 Jan 2019 17:38

Instrument :
 BNA_G
 ClientSampleId :
 PB116049BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.6	86.6	130.0
160	45.3	34.2	51.2

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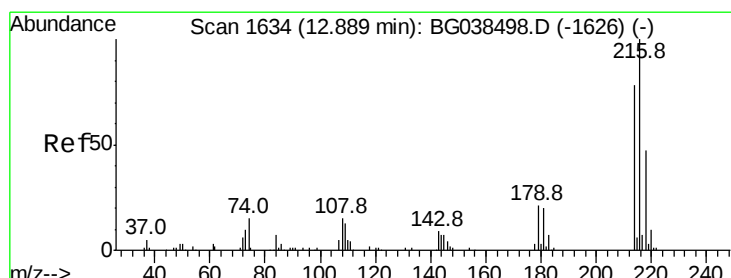
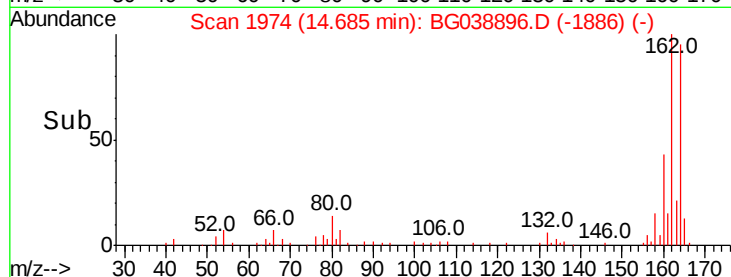
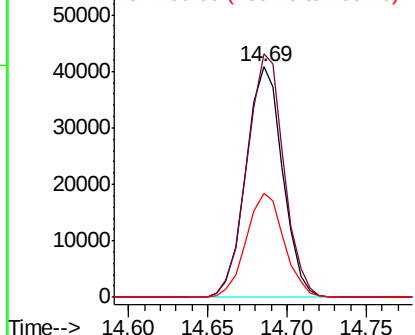


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.554 ng
 RT: 12.88 min Scan# 1666
 Delta R.T. -0.01 min
 Lab File: BG038896.D
 Acq: 2 Jan 2019 17:38

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.1	64.1	96.1
179	19.8	16.4	24.6
108	16.7	13.9	20.9

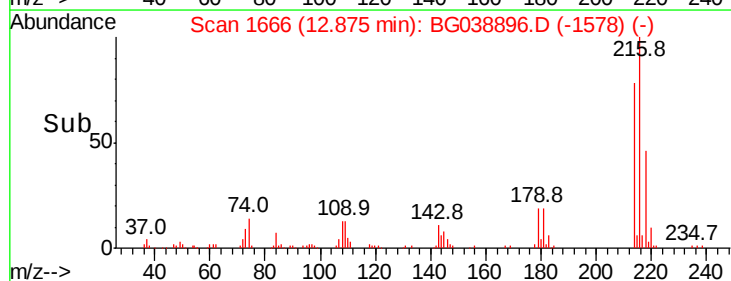
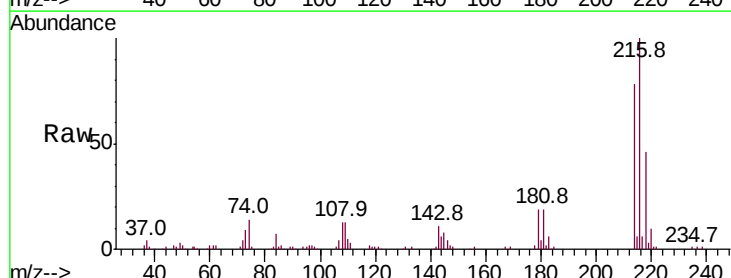
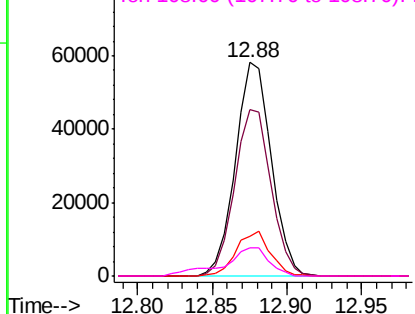
Abundance

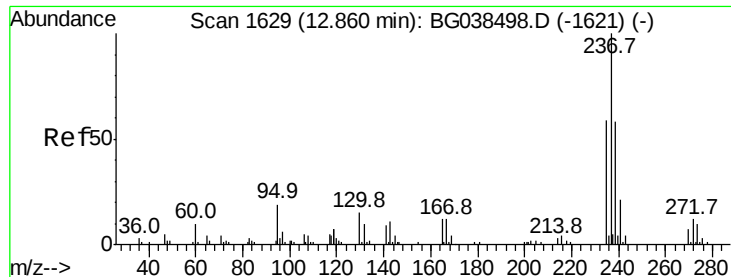
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 86.152 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.02 min

Lab File: BG038896.D

Acq: 2 Jan 2019 17:38

Instrument :

BNA_G

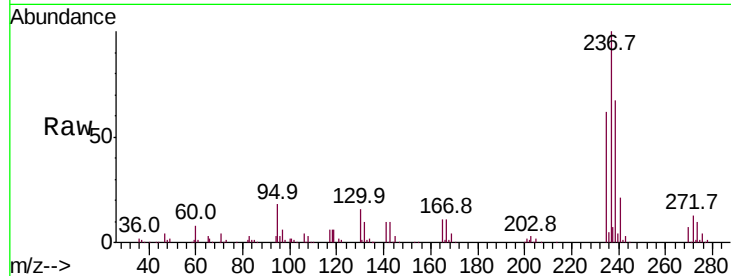
ClientSampleId :

PB116049BS

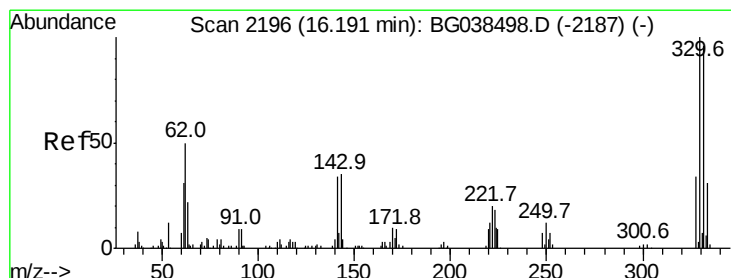
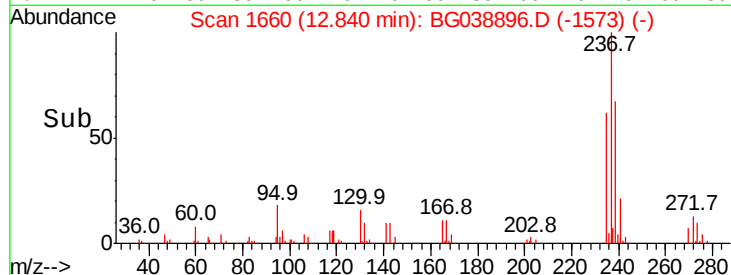
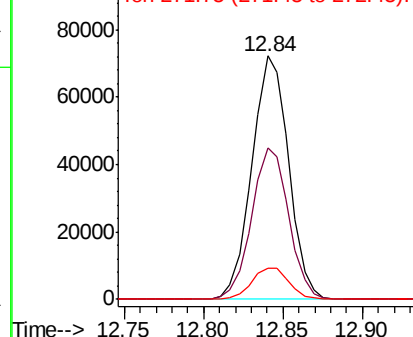
Tot Ion:	237	Resp:	116108
Ion Ratio		Lower	Upper
237	100		
235	62.1	38.8	78.8
272	12.9	0.0	32.0

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 173.169 ng

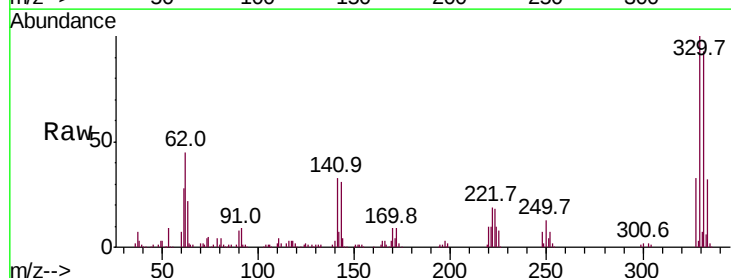
RT: 16.18 min Scan# 2228

Delta R.T. -0.01 min

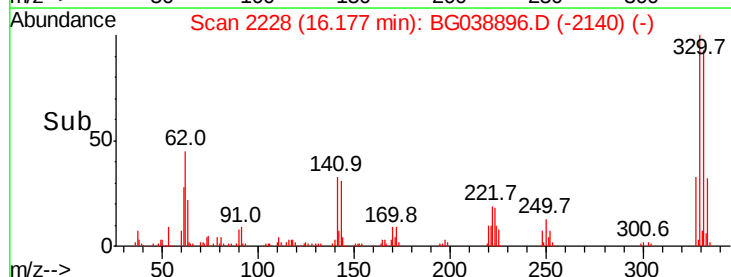
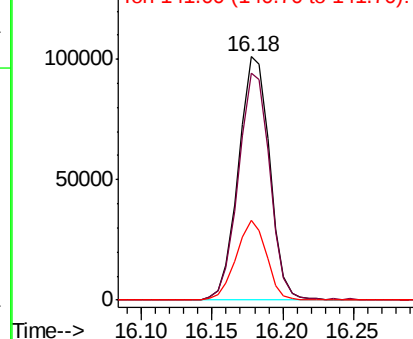
Lab File: BG038896.D

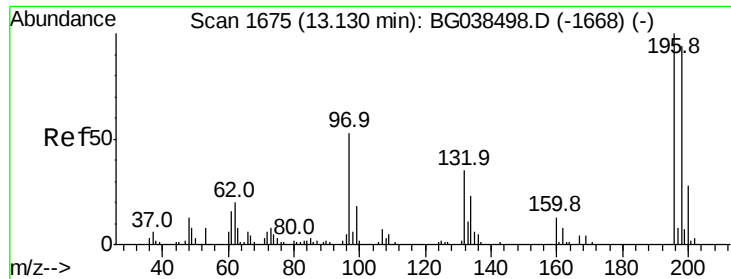
Acq: 2 Jan 2019 17:38

Tgt Ion:	330	Resp:	156622
Ion Ratio		Lower	Upper
330	100		
332	94.0	76.9	115.3
141	31.9	28.8	43.2



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





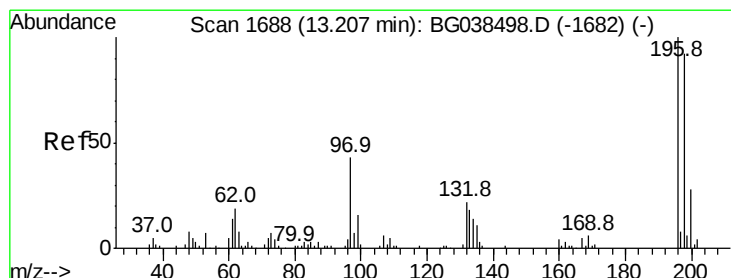
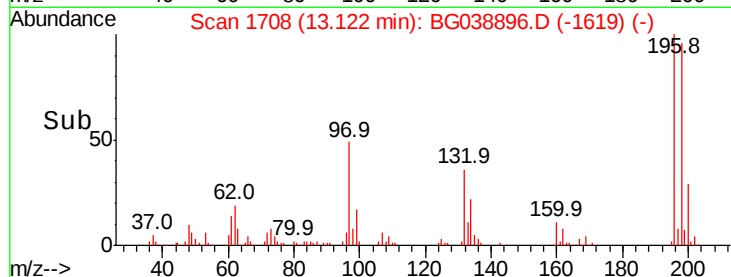
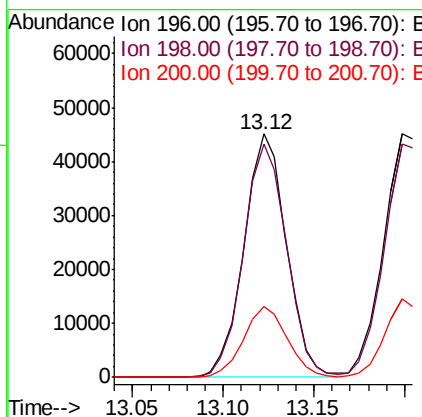
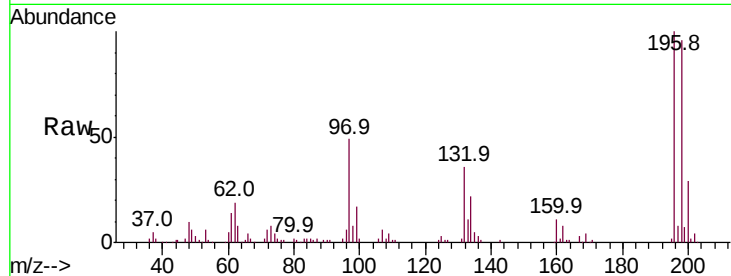
#43
 2,4,6-Trichlorophenol
 Concen: 48.790 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BG038896.D
 Acq: 2 Jan 2019 17:38

Instrument :
 BNA_G
 ClientSampleId :
 PB116049BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	73590		
198	95.7		75.0	112.4
200	29.3		22.4	33.6

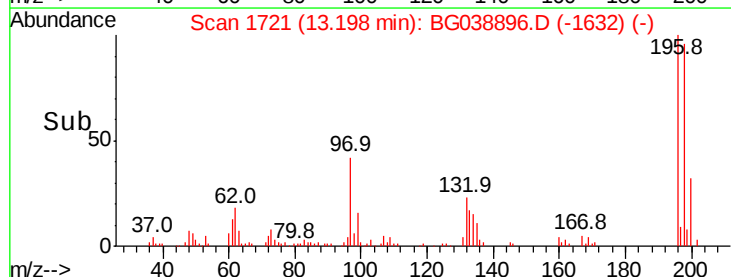
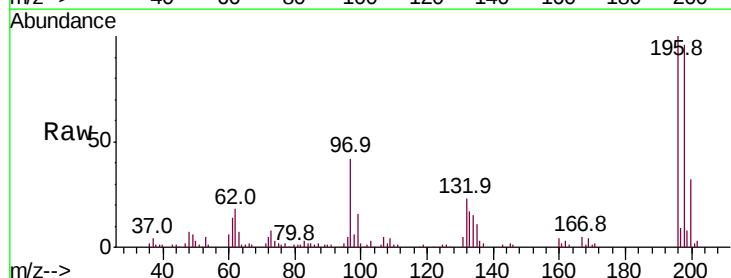
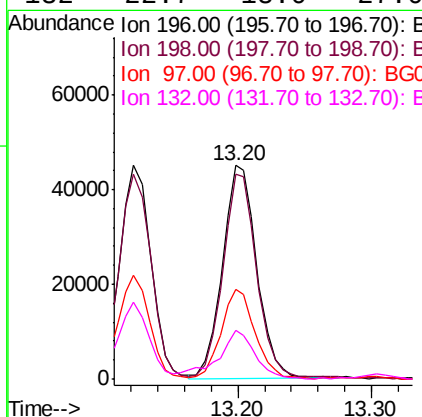
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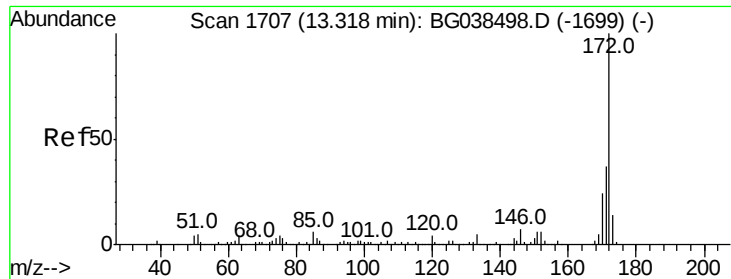
Sohil
 1/3/2019 11:16:14 AM



#44
 2,4,5-Trichlorophenol
 Concen: 50.343 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.01 min
 Lab File: BG038896.D
 Acq: 2 Jan 2019 17:38

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	80395		
198	96.0		74.0	111.0
97	41.9		35.1	52.7
132	22.7		18.0	27.0





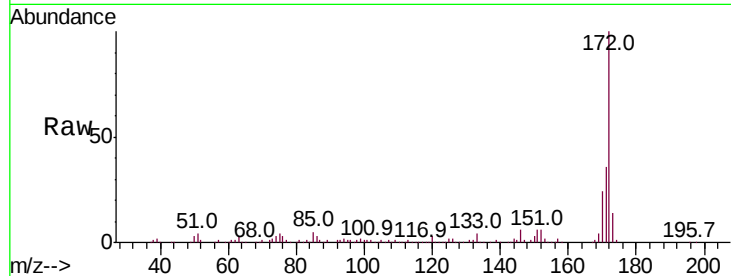
#45
2-Fluorobiphenyl
Concen: 69.436 ng
RT: 13.30 min Scan# 1739
Delta R.T. -0.01 min
Lab File: BG038896.D
Acq: 2 Jan 2019 17:38

Instrument :
BNA_G
ClientSampleId :
PB116049BS

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.7	29.8	44.6	
170	24.4	19.5	29.3	

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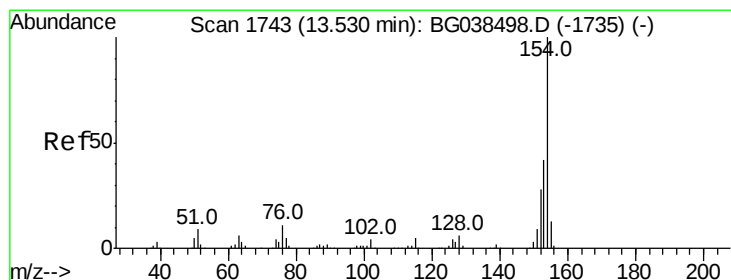
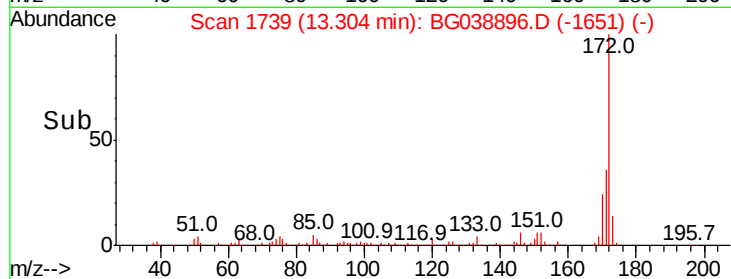
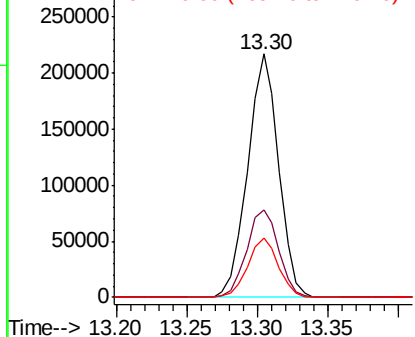


Abundance

Ion 172.00 (171.70 to 172.70): E

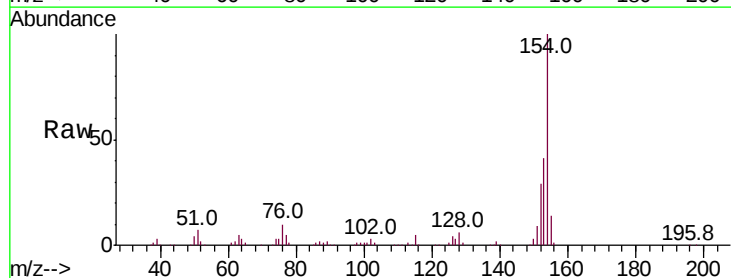
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 38.398 ng
RT: 13.52 min Scan# 1775
Delta R.T. -0.01 min
Lab File: BG038896.D
Acq: 2 Jan 2019 17:38

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.9	22.1	62.1	
76	9.6	0.0	31.2	

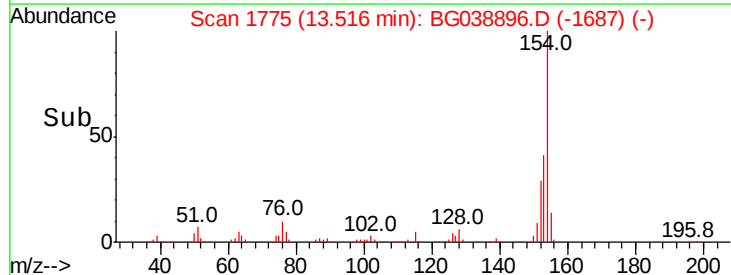
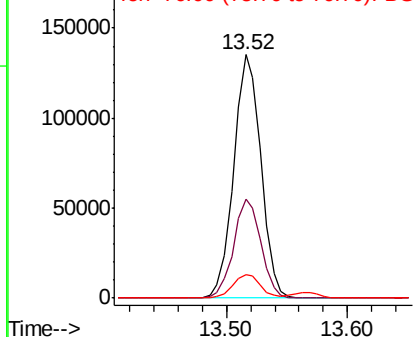


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG





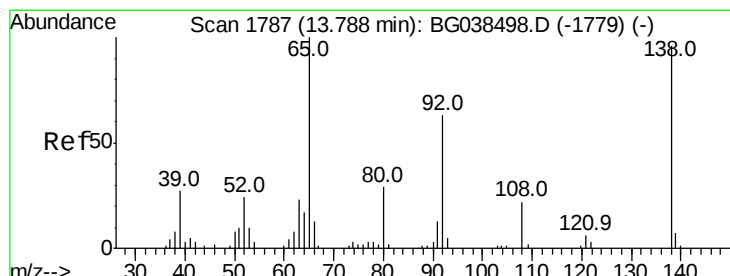
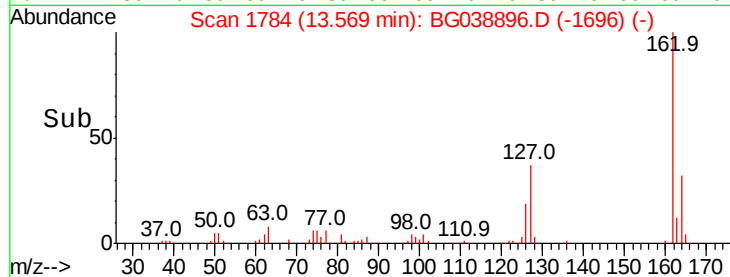
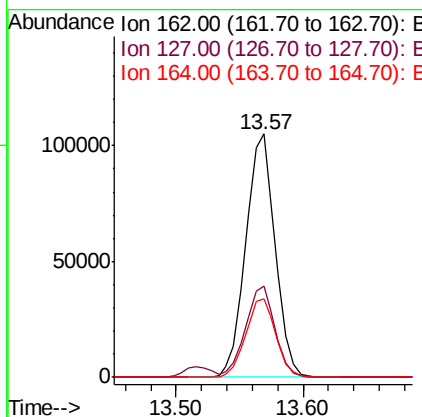
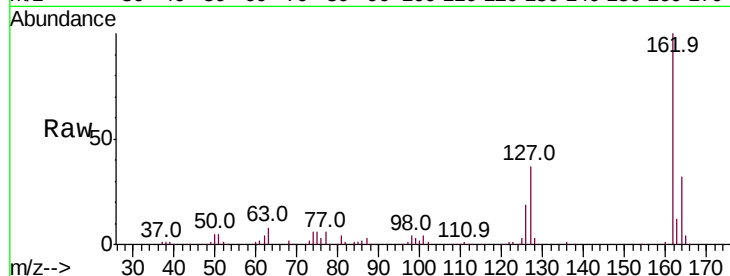
#47
 2-Chloronaphthalene
 Concen: 39.877 ng
 RT: 13.57 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: BG038896.D
 Acq: 2 Jan 2019 17:38

Instrument :
 BNA_G
 ClientSampleId :
 PB116049BS

Tot Ion:	162	Resp:	169465
Ion Ratio	Lower	Upper	
162	100		
127	37.3	27.8	41.8
164	32.5	26.9	40.3

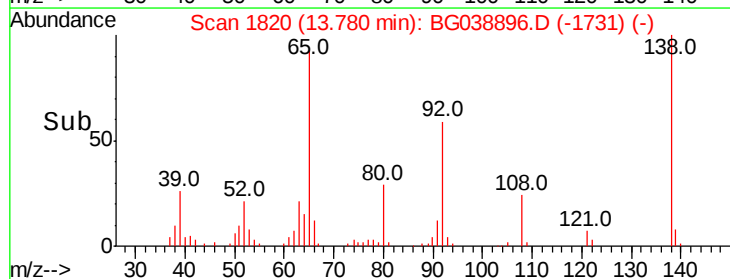
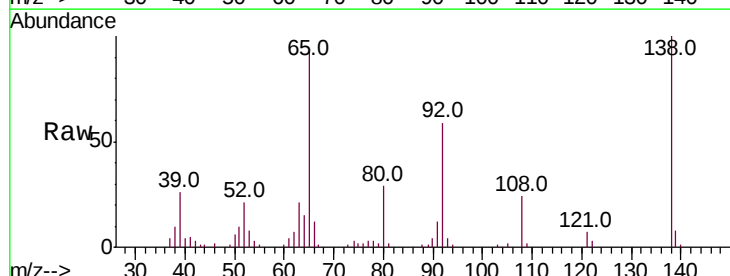
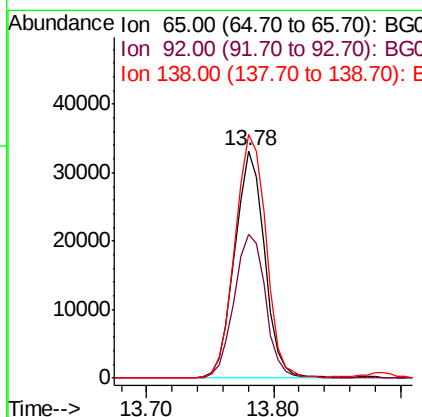
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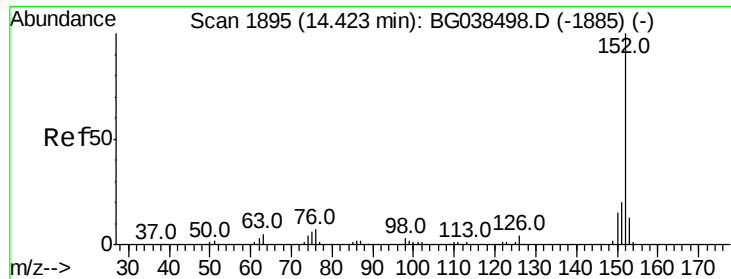
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#48
 2-Nitroaniline
 Concen: 39.968 ng
 RT: 13.78 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BG038896.D
 Acq: 2 Jan 2019 17:38

Tgt Ion:	65	Resp:	54102
Ion Ratio	Lower	Upper	
65	100		
92	63.1	50.0	75.0
138	107.1	76.9	115.3





#49

Acenaphthylene

Concen: 45.107 ng

RT: 14.41 min Scan# 1928

Delta R.T. -0.01 min

Lab File: BG038896.D

Acq: 2 Jan 2019 17:38

Instrument :

BNA_G

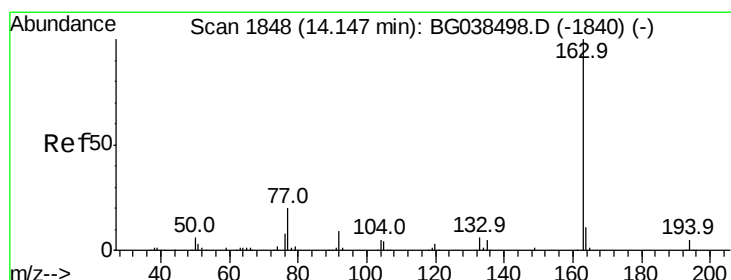
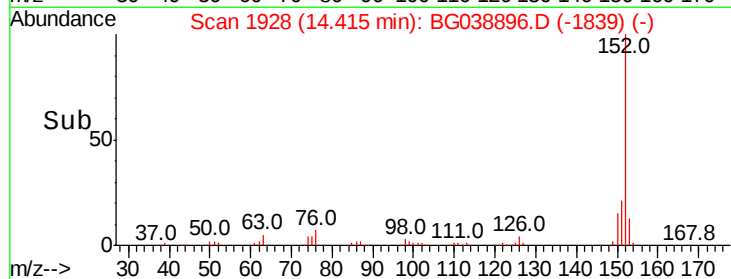
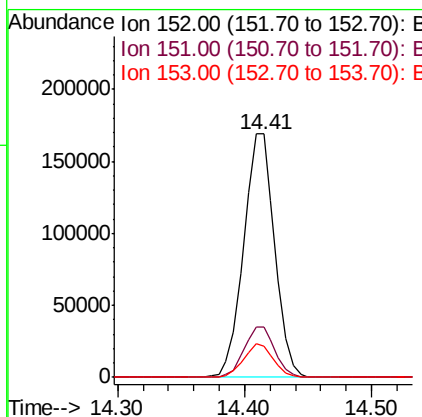
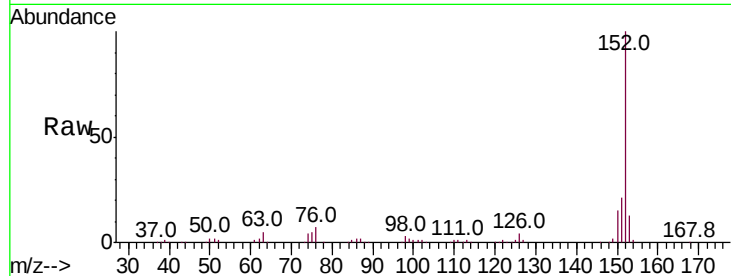
ClientSampleId :

PB116049BS

Tot Ion:	152	Resp:	286566
Ion Ratio	Lower	Upper	
152	100		
151	20.8	16.4	24.6
153	13.0	10.4	15.6

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#50

Dimethylphthalate

Concen: 43.920 ng

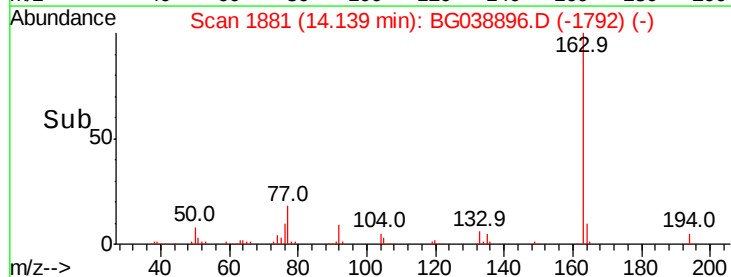
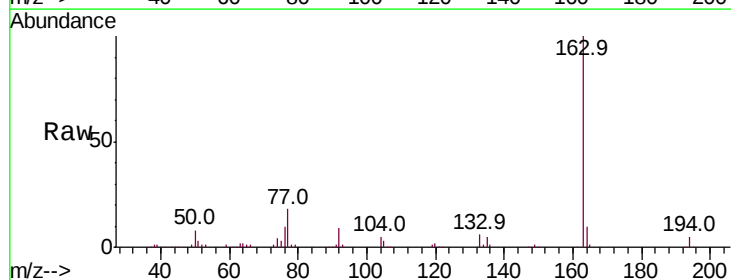
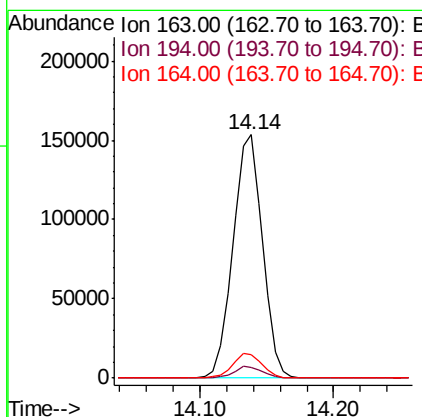
RT: 14.14 min Scan# 1881

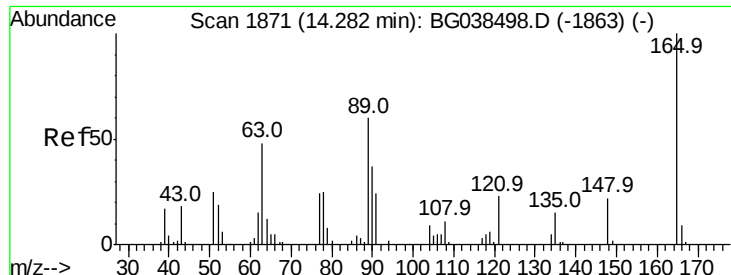
Delta R.T. -0.01 min

Lab File: BG038896.D

Acq: 2 Jan 2019 17:38

Tgt Ion:	163	Resp:	235380
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.7	5.5
164	9.6	8.6	12.8





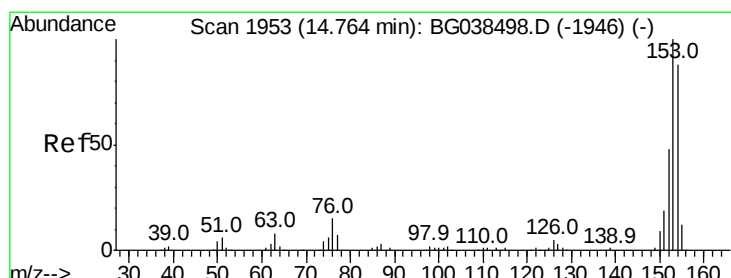
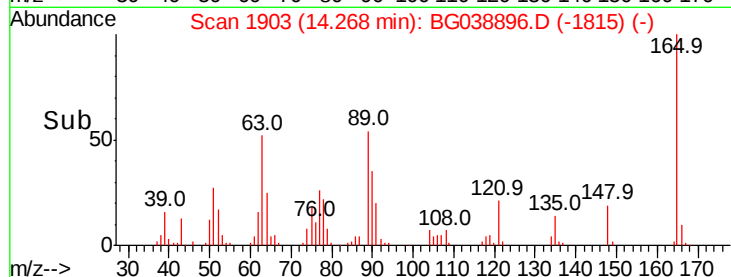
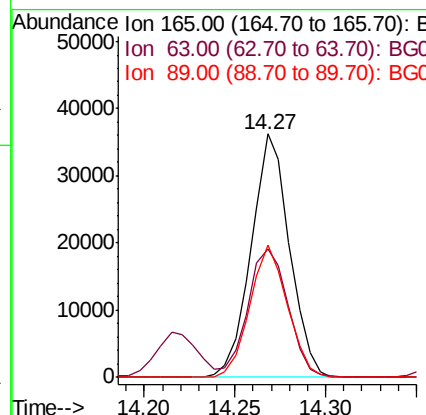
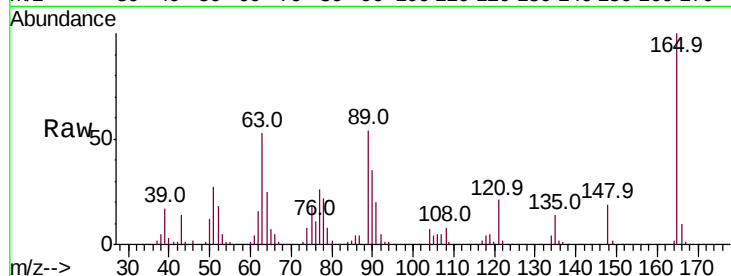
#51
2,6-Dinitrotoluene
Concen: 43.723 ng
RT: 14.27 min Scan# 1903
Delta R.T. -0.01 min
Lab File: BG038896.D
Acq: 2 Jan 2019 17:38

Instrument :
BNA_G
ClientSampled :
PB116049BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	53101		
63	52.8		51.8	77.6
89	54.1		47.9	71.9

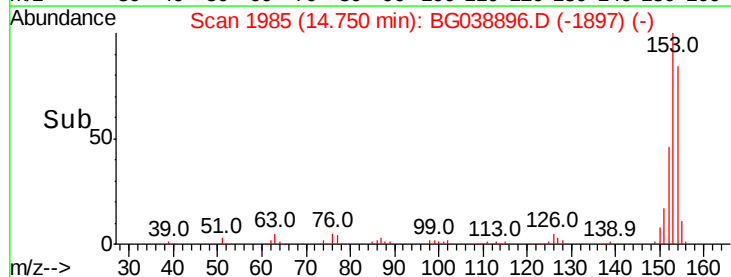
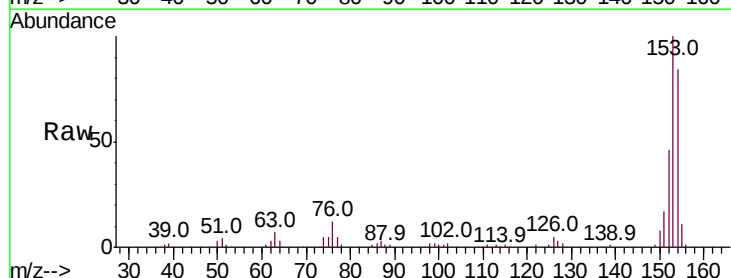
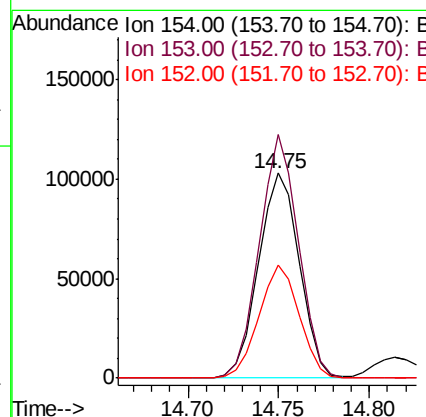
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#52
Acenaphthene
Concen: 42.539 ng
RT: 14.75 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BG038896.D
Acq: 2 Jan 2019 17:38

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	161604		
153	118.9		90.6	136.0
152	55.2		43.5	65.3





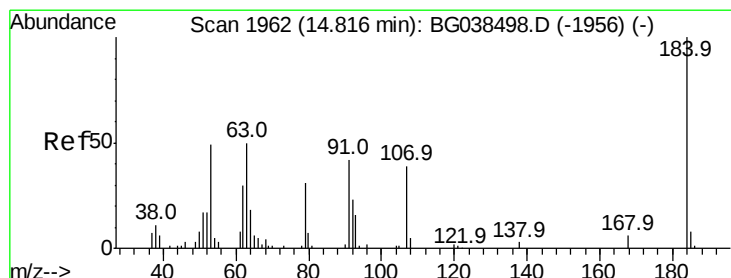
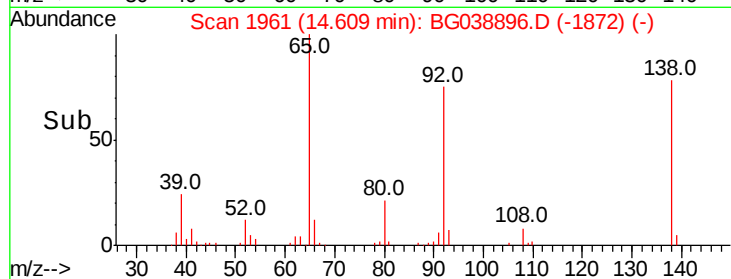
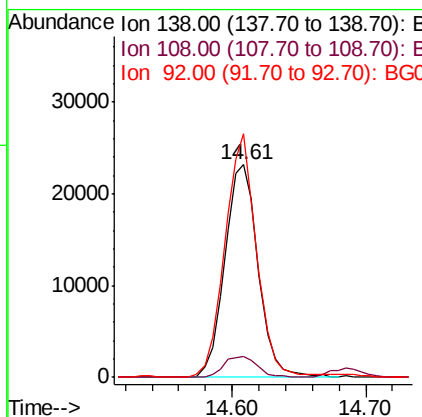
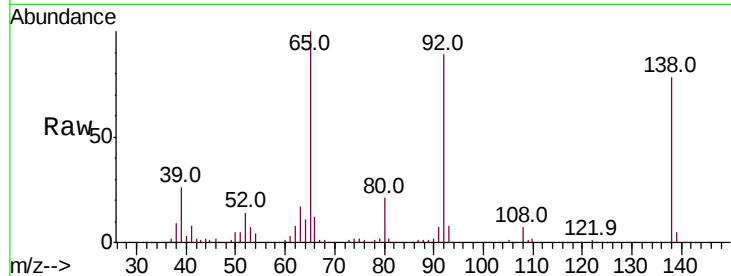
#53
3-Nitroaniline
Concen: 32.630 ng
RT: 14.61 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BG038896.D
Acq: 2 Jan 2019 17:38

Instrument :
BNA_G
ClientSampleId :
PB116049BS

Tot Ion:138 Resp: 40397
Ion Ratio Lower Upper
138 100
108 9.6 7.9 11.9
92 114.5 95.3 142.9

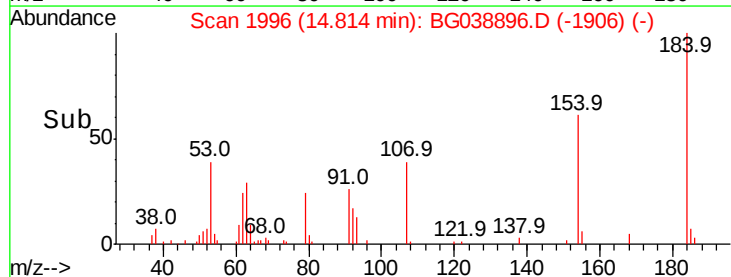
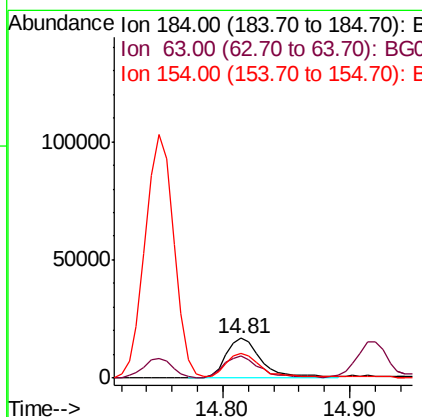
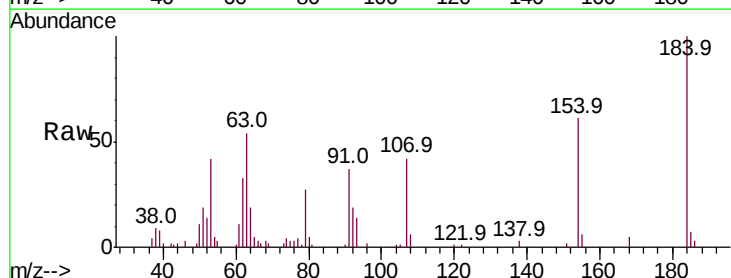
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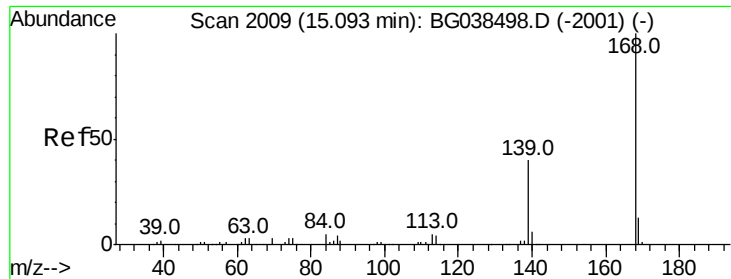
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#54
2,4-Dinitrophenol
Concen: 48.575 ng
RT: 14.81 min Scan# 1996
Delta R.T. -0.00 min
Lab File: BG038896.D
Acq: 2 Jan 2019 17:38

Tgt Ion:184 Resp: 33529
Ion Ratio Lower Upper
184 100
63 54.5 47.0 70.6
154 61.4 50.3 75.5





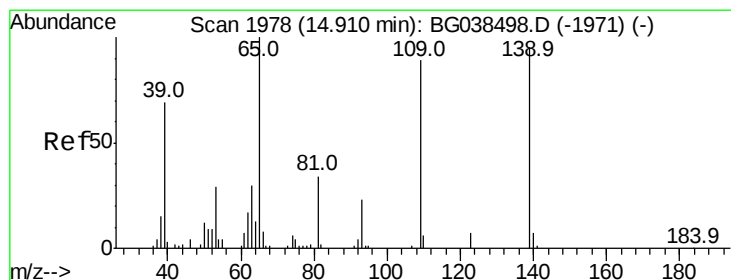
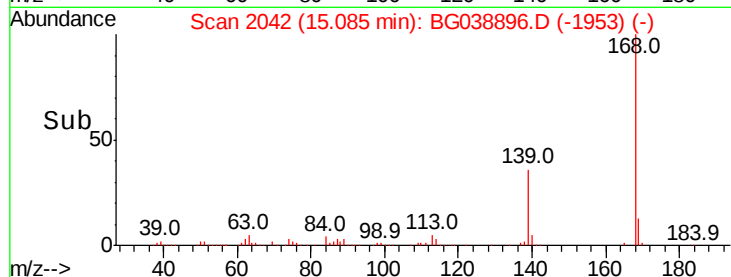
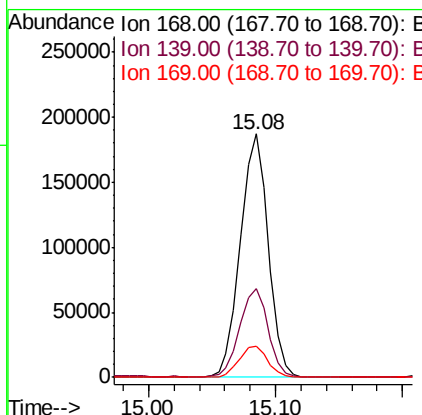
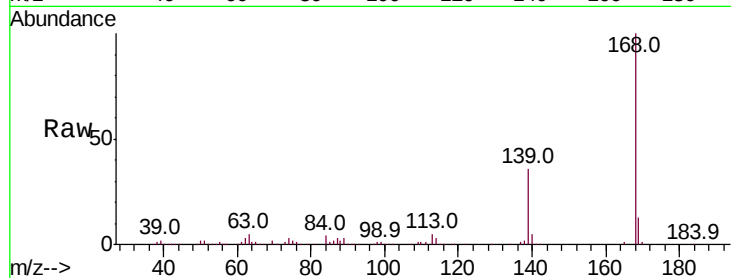
#55
Dibenzenofuran
Concen: 43.646 ng
RT: 15.08 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BG038896.D
Acq: 2 Jan 2019 17:38

Instrument :
BNA_G
ClientSampleId :
PB116049BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.3	32.2	48.2
169	12.9	10.6	16.0

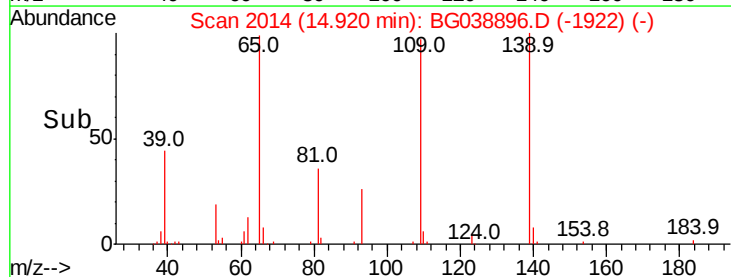
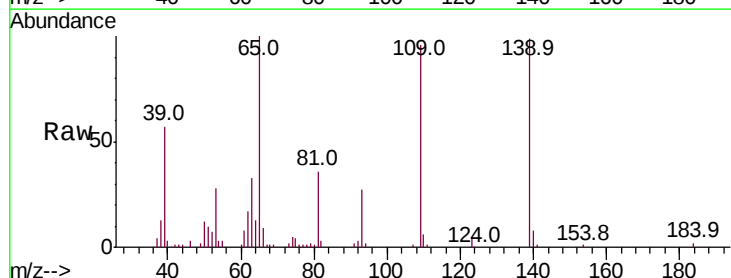
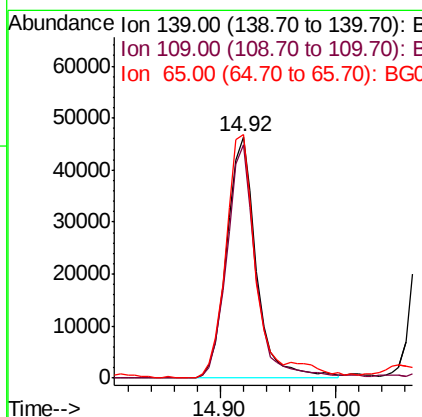
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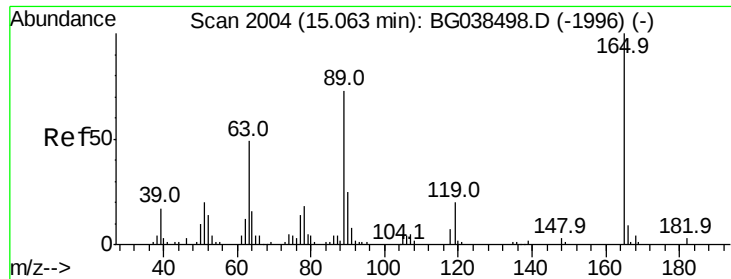
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#56
4-Nitrophenol
Concen: 87.576 ng
RT: 14.92 min Scan# 2014
Delta R.T. 0.01 min
Lab File: BG038896.D
Acq: 2 Jan 2019 17:38

Tgt Ion	Ratio	Lower	Upper
139	100		
109	96.9	73.6	113.6
65	100.8	84.8	124.8





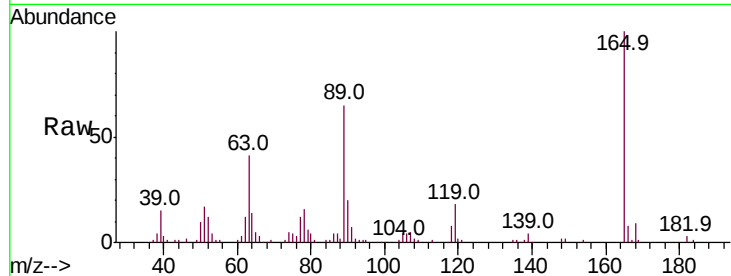
#57
2,4-Dinitrotoluene
Concen: 45.575 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BG038896.D
Acq: 2 Jan 2019 17:38

Instrument :
BNA_G
ClientSampleId :
PB116049BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	77959		
63	41.5		39.0	58.4
89	64.5		58.0	87.0
182	3.3		2.3	3.5

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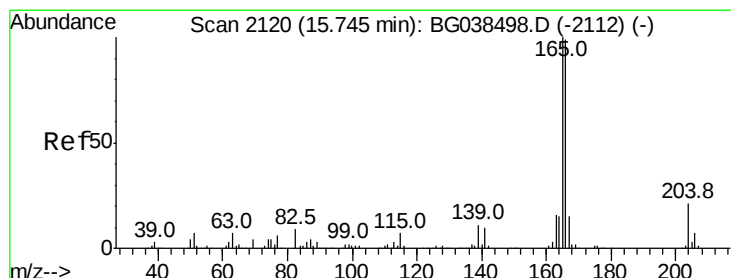
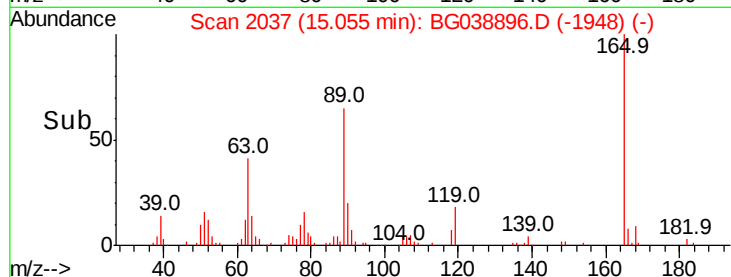
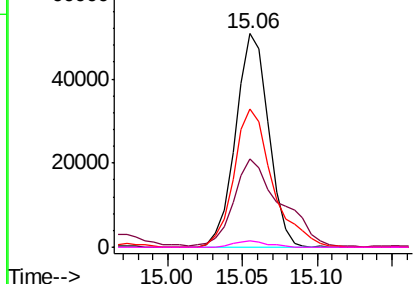
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

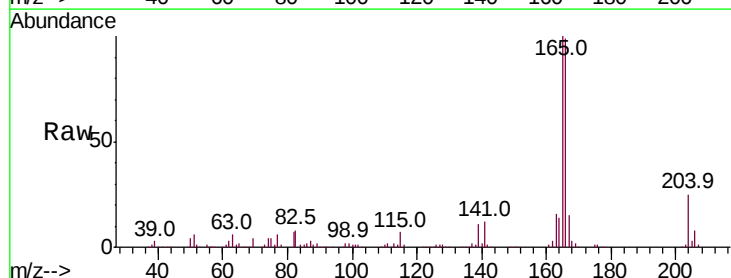
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 47.842 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.01 min
Lab File: BG038896.D
Acq: 2 Jan 2019 17:38

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	230818		
165	101.5		80.6	120.8
167	14.8		12.0	18.0

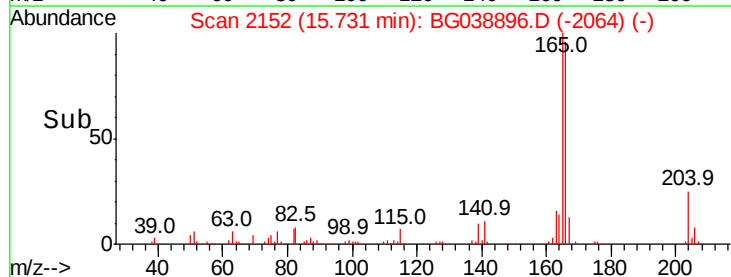
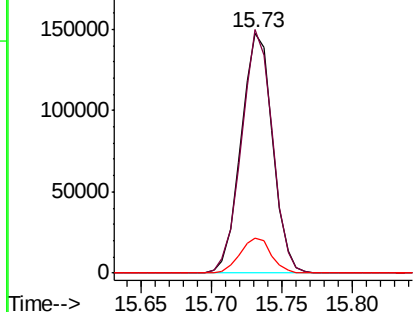


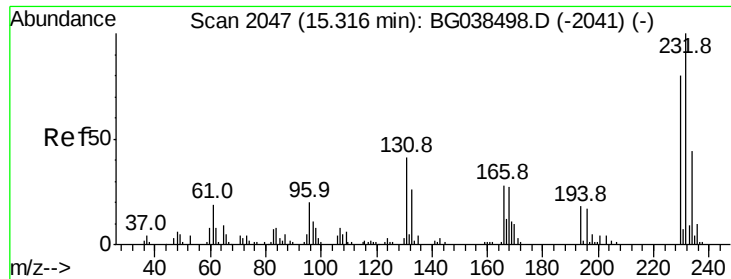
Abundance

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





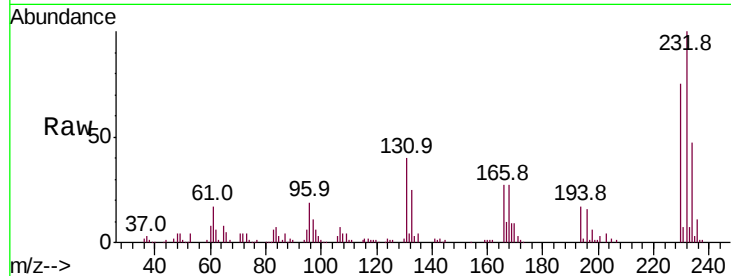
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 55.141 ng
 RT: 15.31 min Scan# 2080
 Delta R.T. -0.01 min
 Lab File: BG038896.D
 Acq: 2 Jan 2019 17:38

Instrument :
 BNA_G
 ClientSampleId :
 PB116049BS

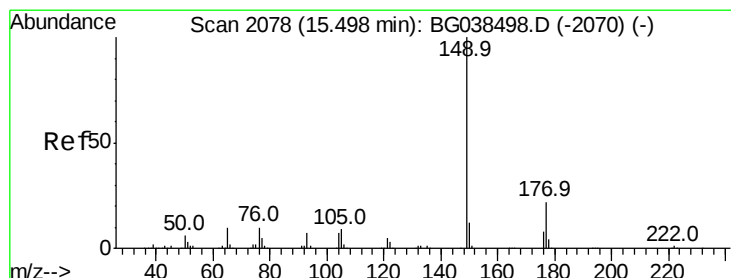
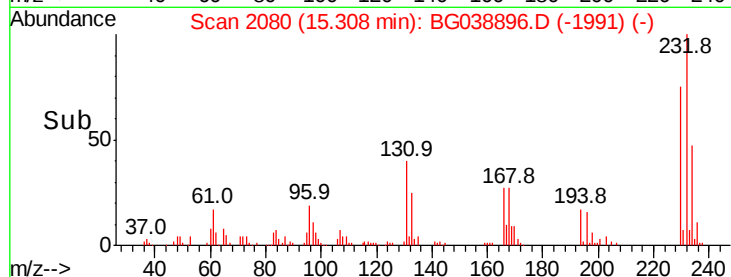
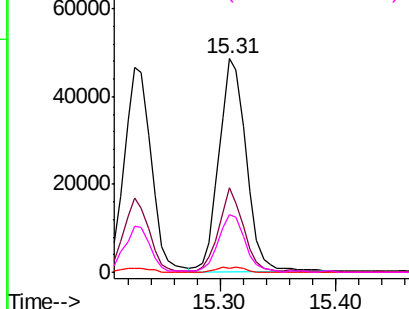
Tot Ion:	232	Resp:	79224
Ion Ratio	Lower	Upper	
232	100		
131	36.9	33.0	49.4
130	2.3	2.0	3.0
166	26.5	23.1	34.7

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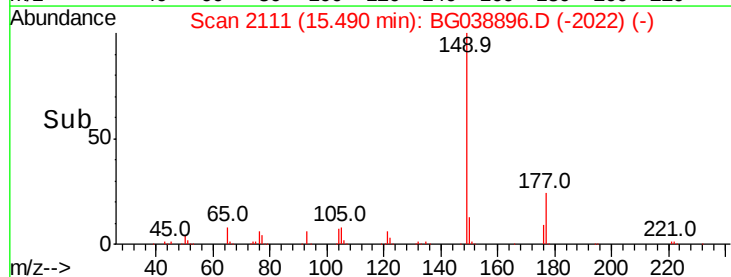
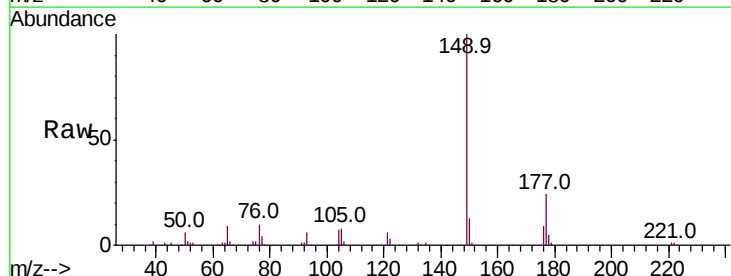
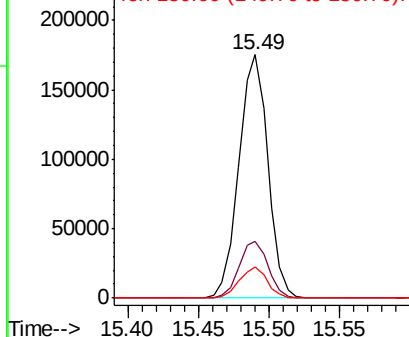
Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

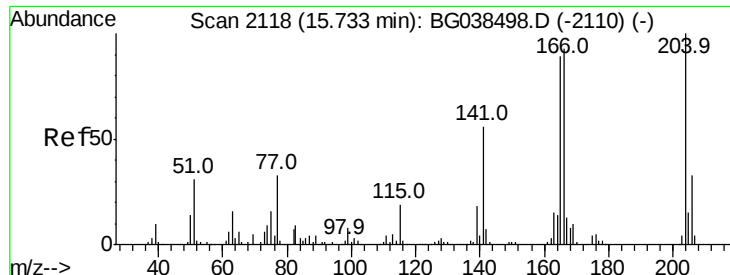


#60
 Diethylphthalate
 Concen: 42.533 ng
 RT: 15.49 min Scan# 2111
 Delta R.T. -0.01 min
 Lab File: BG038896.D
 Acq: 2 Jan 2019 17:38

Tgt Ion:	149	Resp:	250232
Ion Ratio	Lower	Upper	
149	100		
177	23.5	17.7	26.5
150	12.5	9.9	14.9

Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





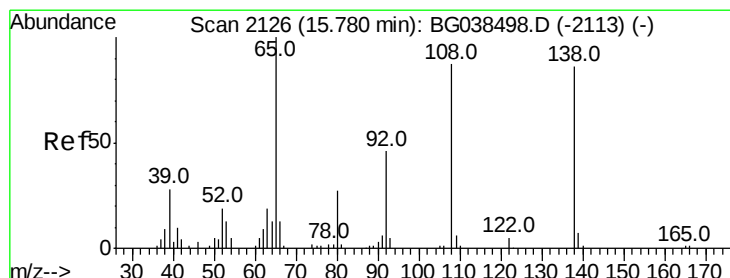
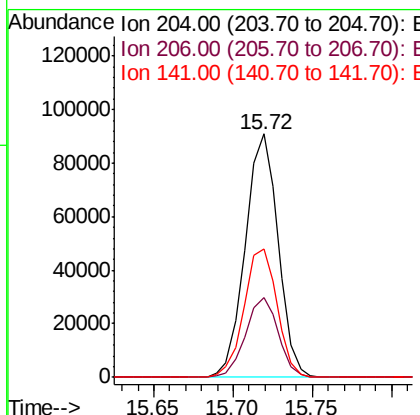
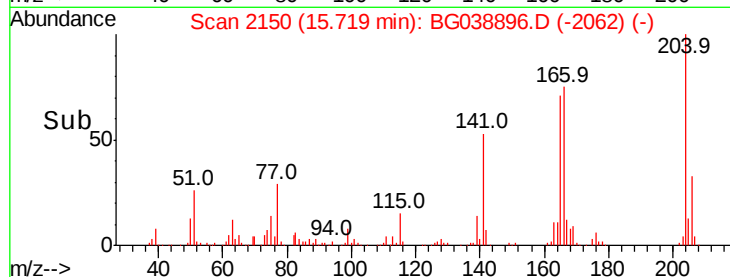
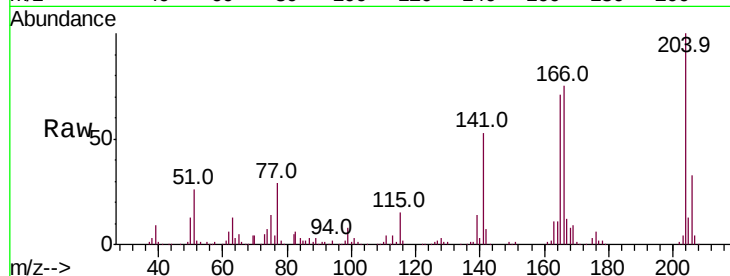
#61
 4-Chlorophenyl-phenylether
 Concen: 43.439 ng
 RT: 15.72 min Scan# 2150
 Delta R.T. -0.01 min
 Lab File: BG038896.D
 Acq: 2 Jan 2019 17:38

Instrument :
 BNA_G
 ClientSampleId :
 PB116049BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.0	39.0
141	52.6	44.4	66.6

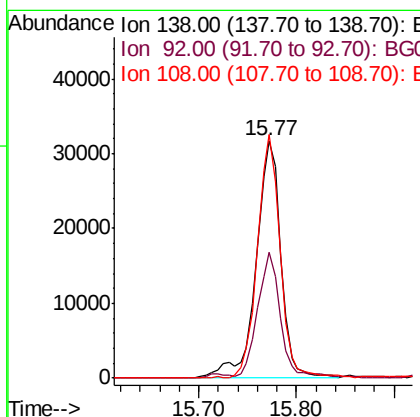
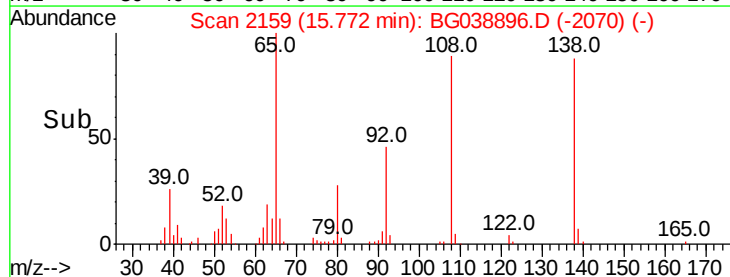
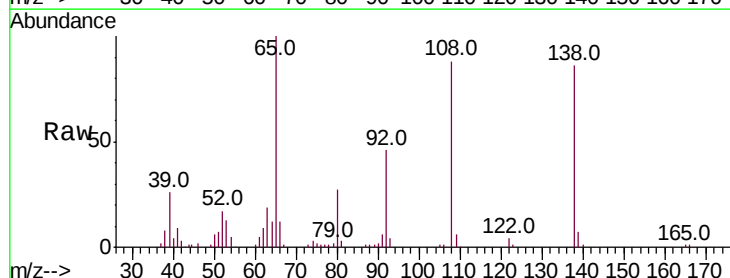
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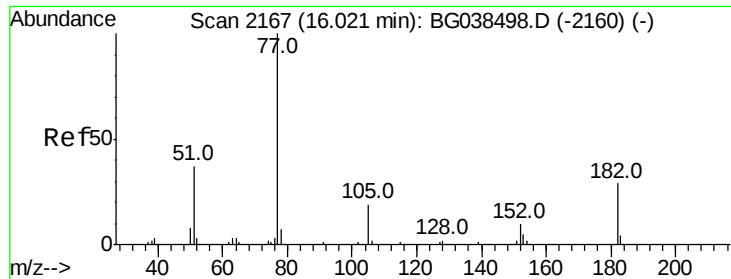
Sohil
 1/3/2019 11:16:14 AM



#62
 4-Nitroaniline
 Concen: 44.410 ng
 RT: 15.77 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BG038896.D
 Acq: 2 Jan 2019 17:38

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.0	33.3	73.3
108	102.4	81.4	121.4





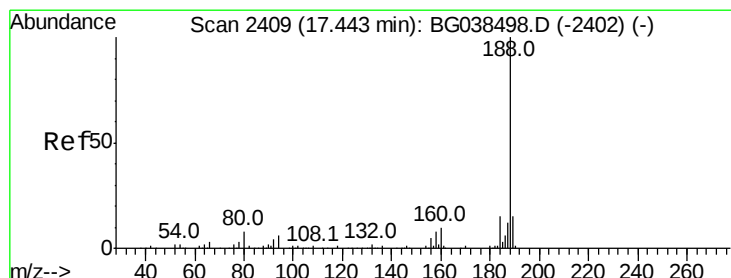
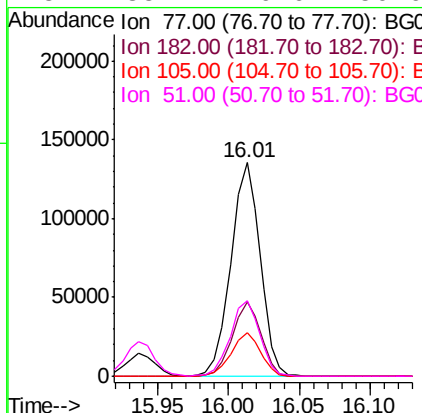
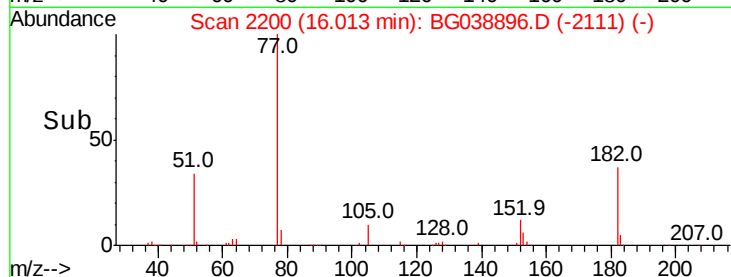
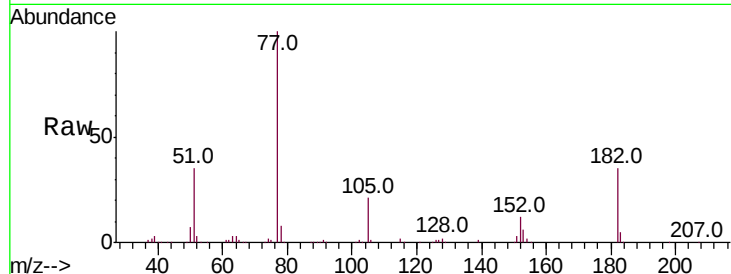
#63
Azobenzene
Concen: 39.814 ng
RT: 16.01 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BG038896.D
Acq: 2 Jan 2019 17:38

Instrument :
BNA_G
ClientSampleId :
PB116049BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		195679		
182	34.7	8.7	48.7		
105	20.6	0.0	38.7		
51	35.4	16.6	56.6		

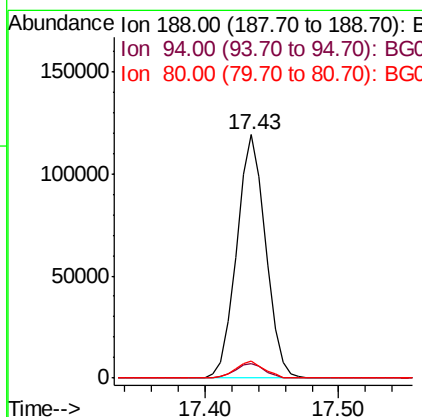
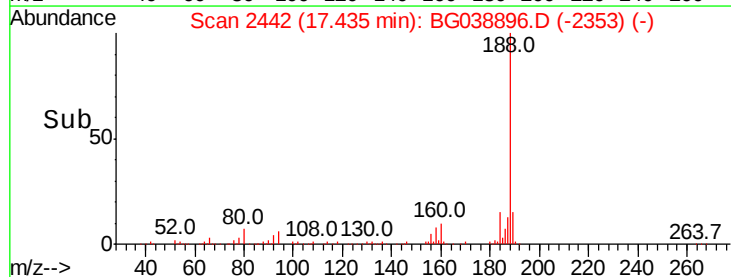
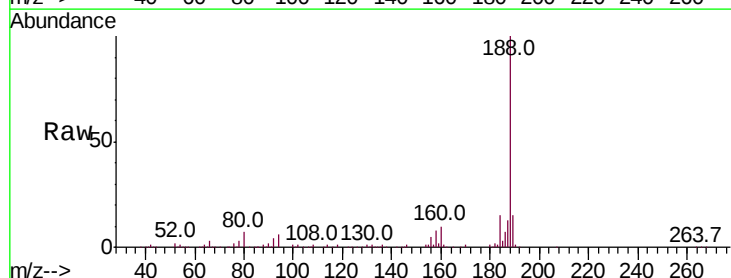
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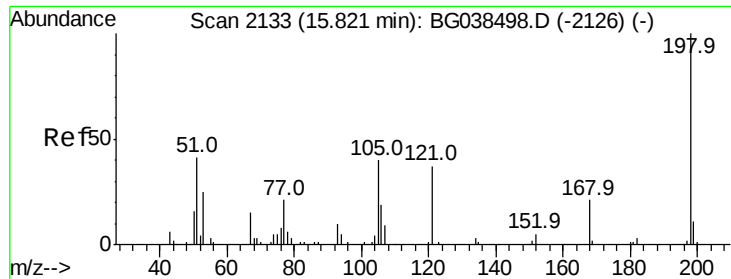
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BG038896.D
Acq: 2 Jan 2019 17:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		178460		
94	5.8	5.1	7.7		
80	6.8	6.1	9.1		





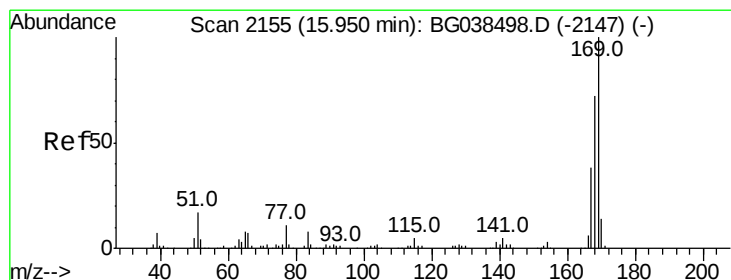
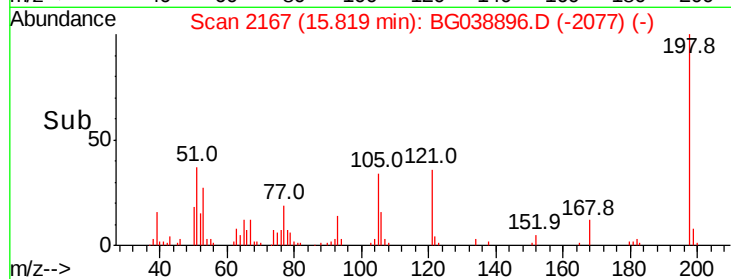
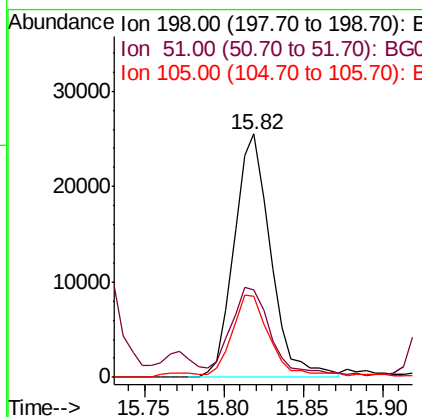
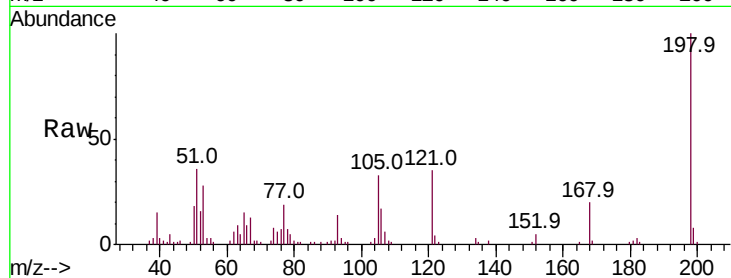
#65
4,6-Dinitro-2-methylphenol
Concen: 31.996 ng
RT: 15.82 min Scan# 2167
Delta R.T. -0.00 min
Lab File: BG038896.D
Acq: 2 Jan 2019 17:38

Instrument :
BNA_G
ClientSampleId :
PB116049BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	36.0	28.6	68.6
105	33.5	20.4	60.4

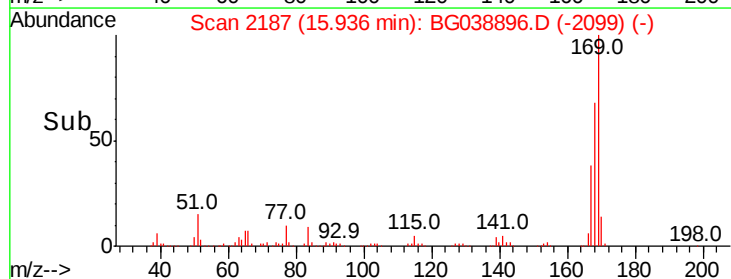
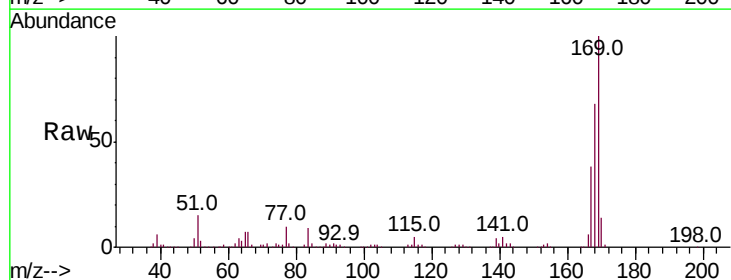
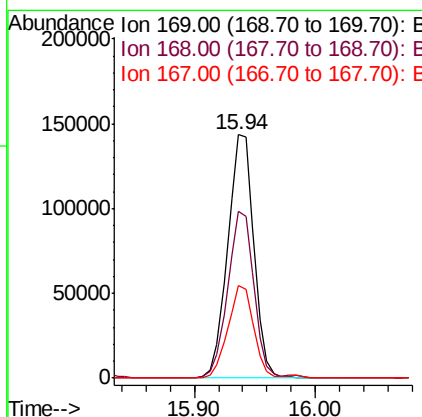
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#66
n-Nitrosodiphenylamine
Concen: 41.153 ng
RT: 15.94 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BG038896.D
Acq: 2 Jan 2019 17:38

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.3	57.5	86.3
167	37.8	30.2	45.2





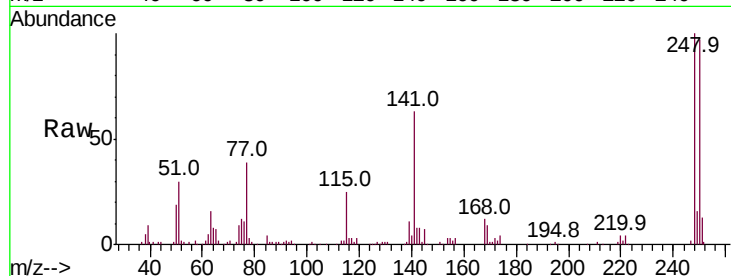
#67
4-Bromophenyl-phenylether
Concen: 42.113 ng
RT: 16.61 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BG038896.D
Acq: 2 Jan 2019 17:38

Instrument :
BNA_G
ClientSampleId :
PB116049BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.5	73.4	110.2
141	62.9	52.9	79.3

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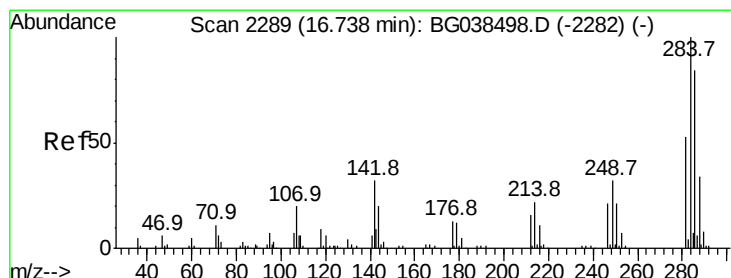
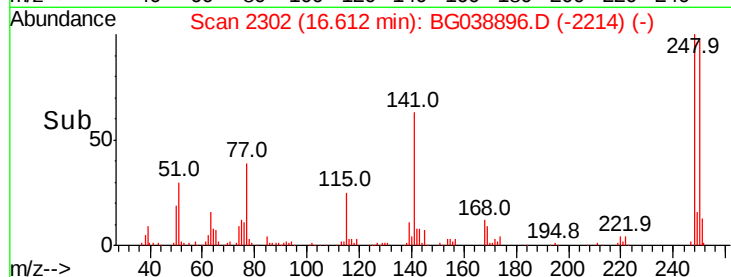
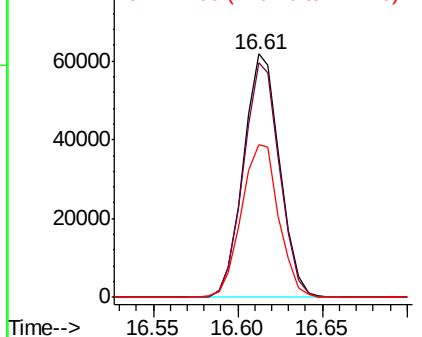


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 43.257 ng
RT: 16.73 min Scan# 2322
Delta R.T. -0.01 min
Lab File: BG038896.D
Acq: 2 Jan 2019 17:38

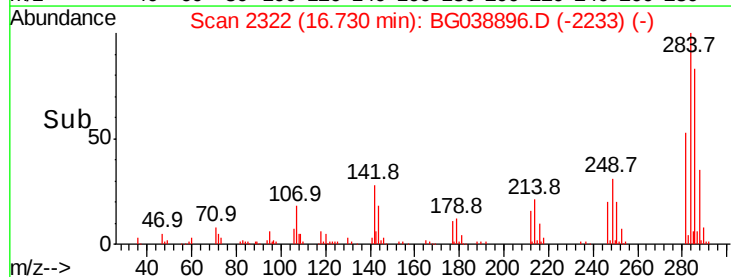
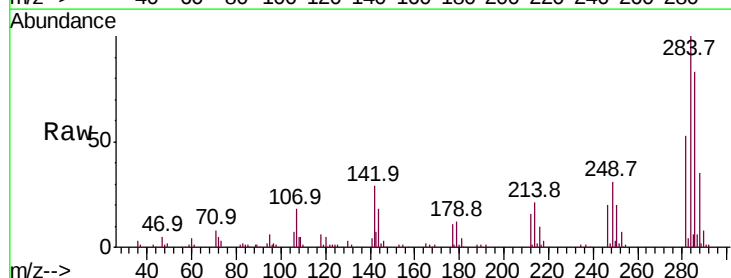
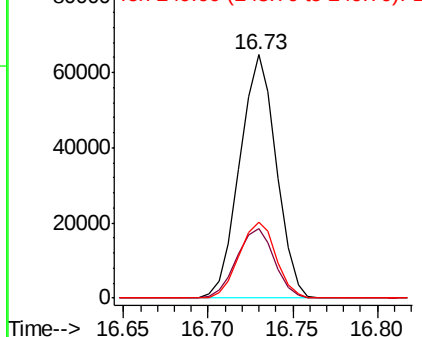
Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.5	25.8	38.6
249	33.9	27.0	40.4

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





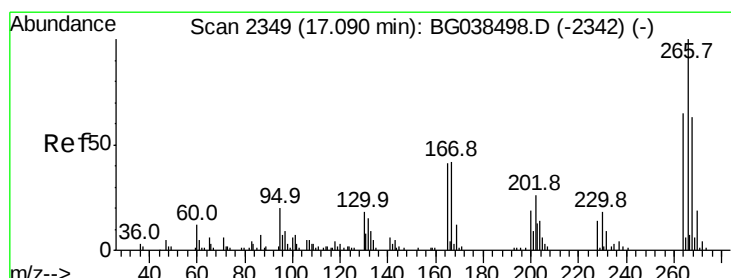
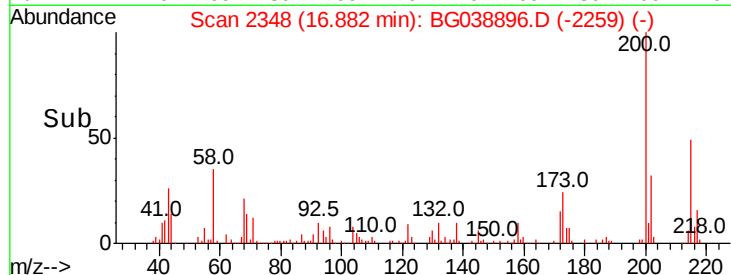
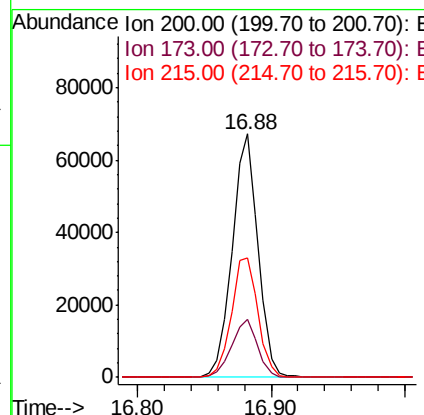
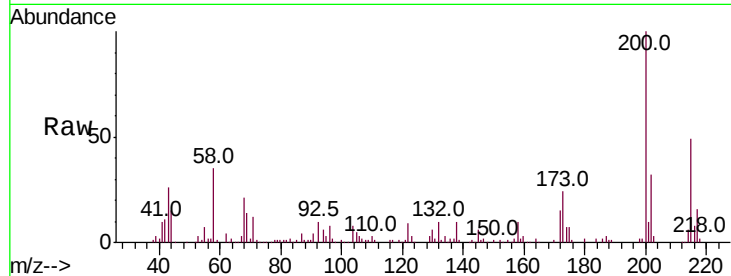
#69
Atrazine
Concen: 46.528 ng
RT: 16.88 min Scan# 2348
Delta R.T. -0.01 min
Lab File: BG038896.D
Acq: 2 Jan 2019 17:38

Instrument :
BNA_G
ClientSampleId :
PB116049BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.7	5.9	45.9
215	49.1	33.1	73.1

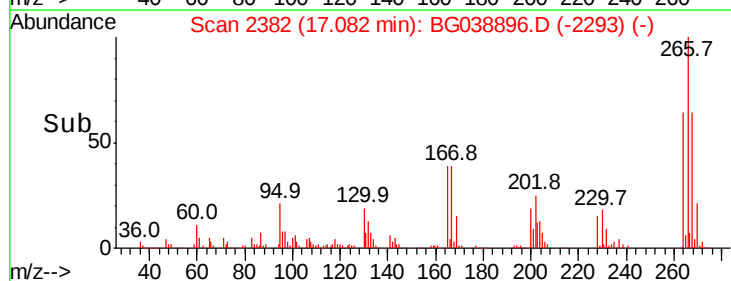
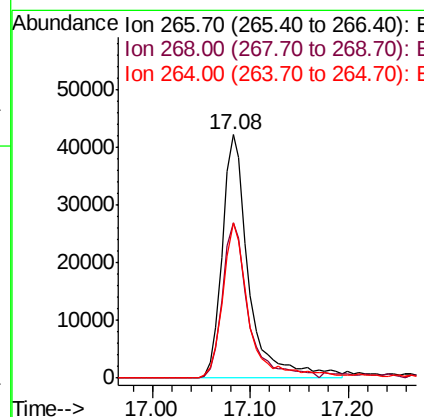
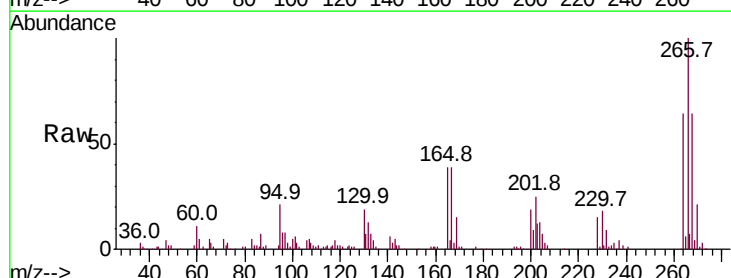
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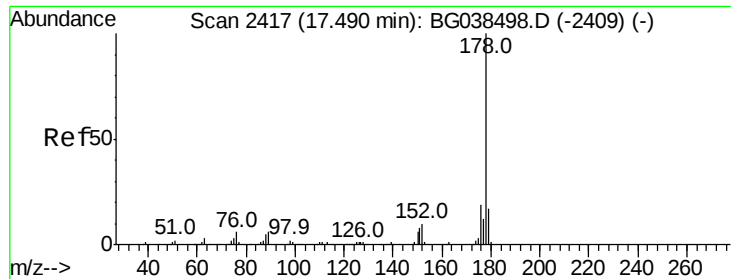
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#70
Pentachlorophenol
Concen: 59.779 ng
RT: 17.08 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BG038896.D
Acq: 2 Jan 2019 17:38

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.8	55.0	82.6
264	69.7	56.7	85.1





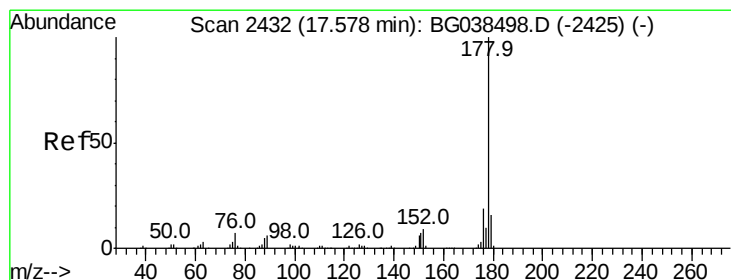
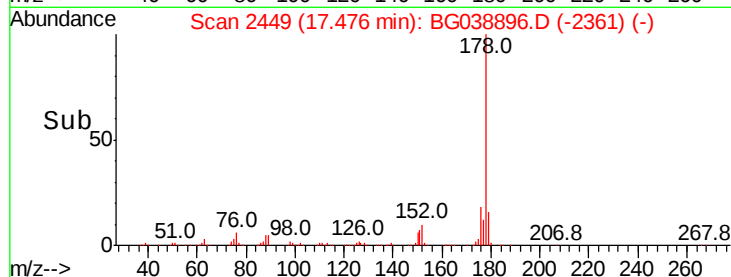
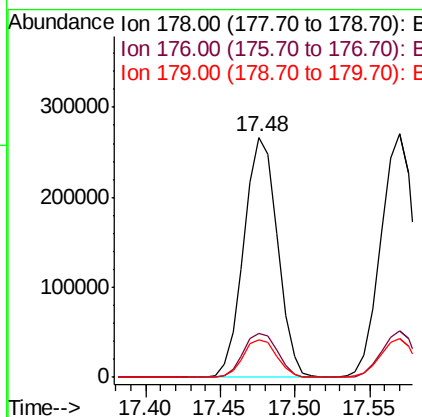
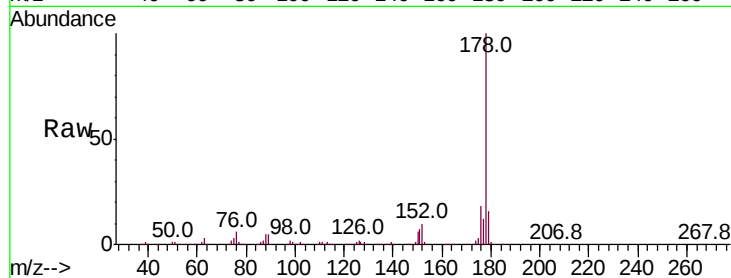
#71
Phenanthrene
Concen: 44.841 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG038896.D
Acq: 2 Jan 2019 17:38

Instrument :
BNA_G
ClientSampleId :
PB116049BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.1	22.7
179	15.7	13.2	19.8

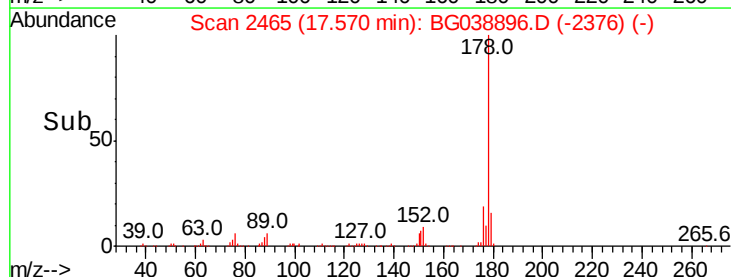
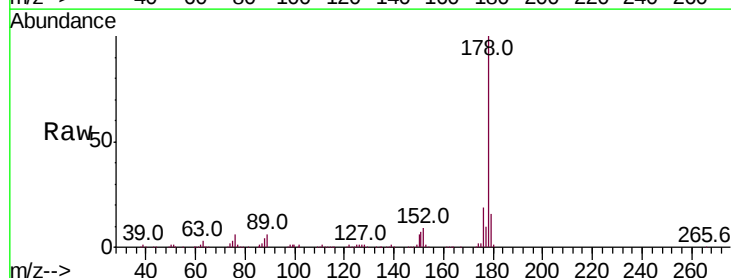
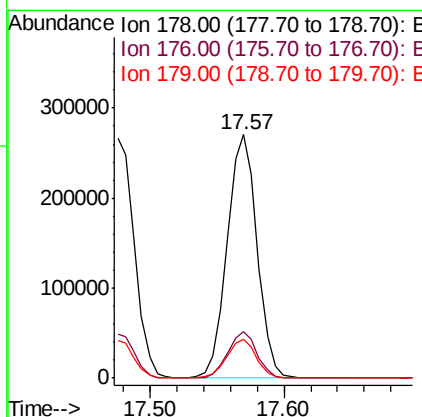
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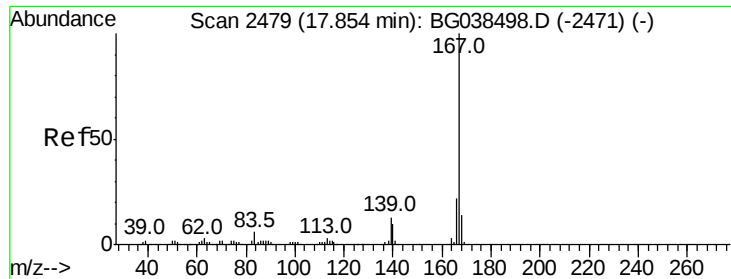
Sohil
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#72
Anthracene
Concen: 46.183 ng
RT: 17.57 min Scan# 2465
Delta R.T. -0.01 min
Lab File: BG038896.D
Acq: 2 Jan 2019 17:38

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.1	22.7
179	15.8	12.9	19.3





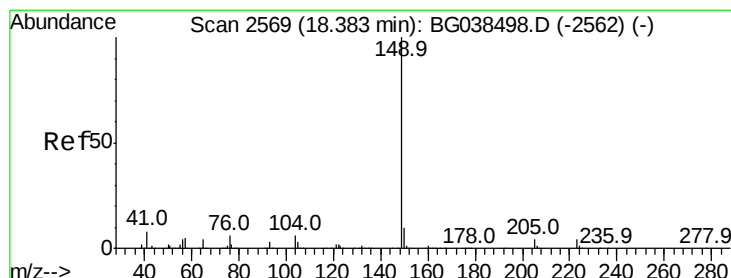
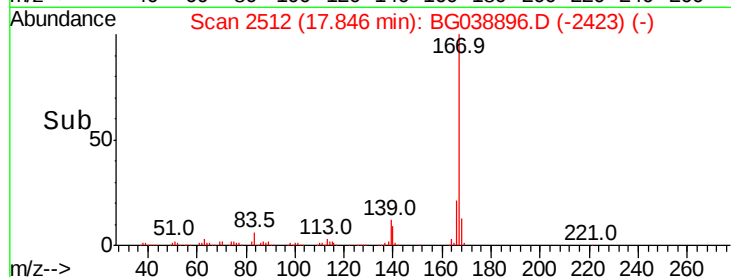
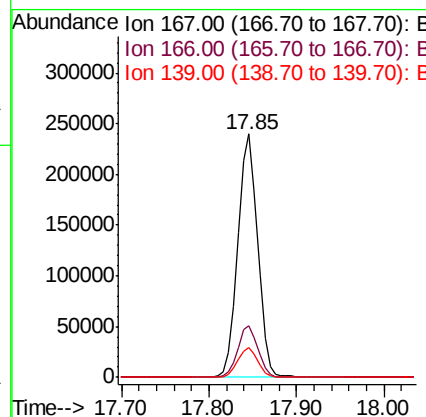
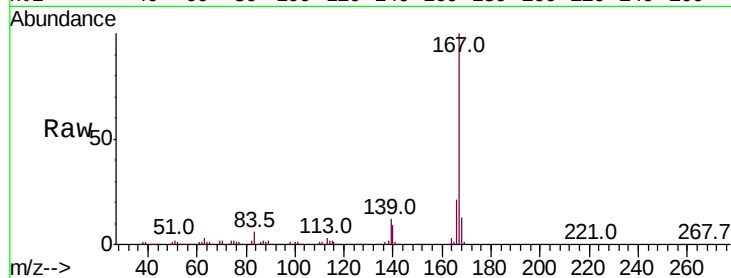
#73
 Carbazole
 Concen: 40.898 ng
 RT: 17.85 min Scan# 2512
 Delta R.T. -0.01 min
 Lab File: BG038896.D
 Acq: 2 Jan 2019 17:38

Instrument :
 BNA_G
 ClientSampleId :
 PB116049BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.9	26.9
139	12.1	10.2	15.2

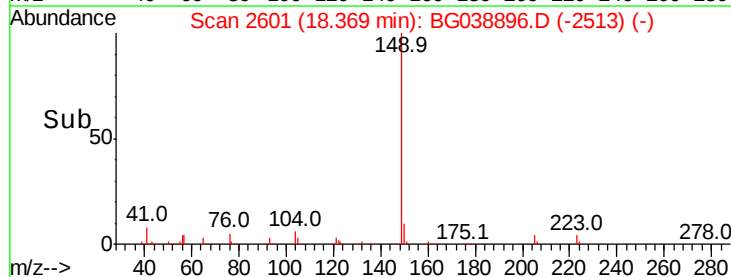
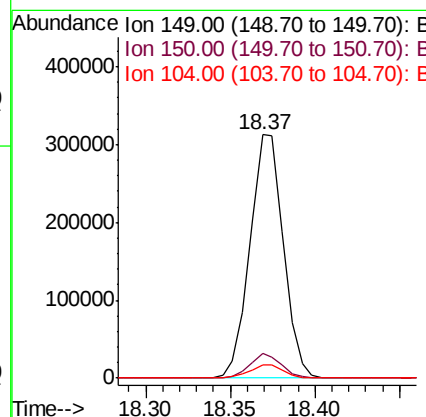
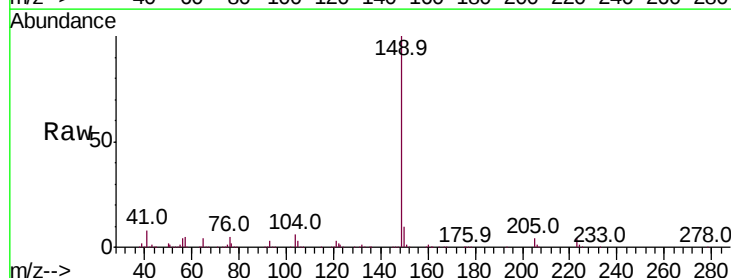
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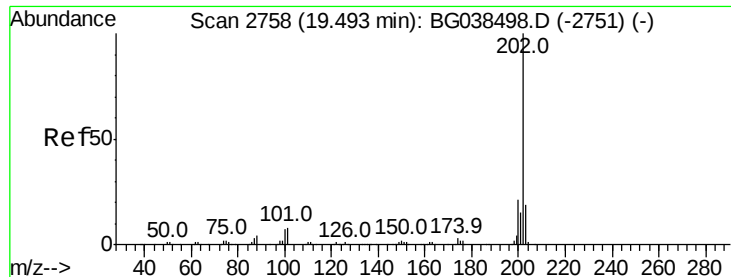
Sohil
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#74
 Di-n-butylphthalate
 Concen: 41.598 ng
 RT: 18.37 min Scan# 2601
 Delta R.T. -0.01 min
 Lab File: BG038896.D
 Acq: 2 Jan 2019 17:38

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.6	11.4
104	5.5	5.0	7.4





#75

Fluoranthene

Concen: 43.779 ng

RT: 19.49 min Scan# 2791

Delta R.T. -0.01 min

Lab File: BG038896.D

Acq: 2 Jan 2019 17:38

Instrument :

BNA_G

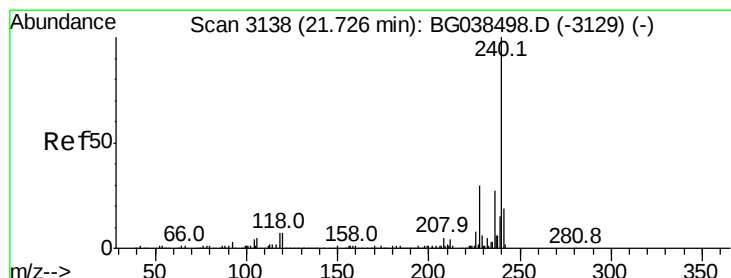
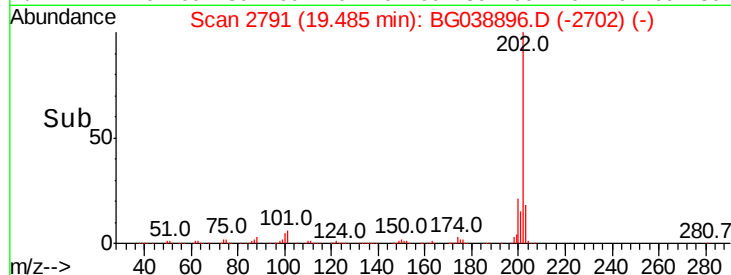
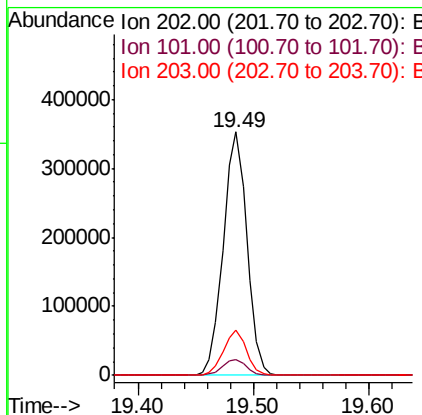
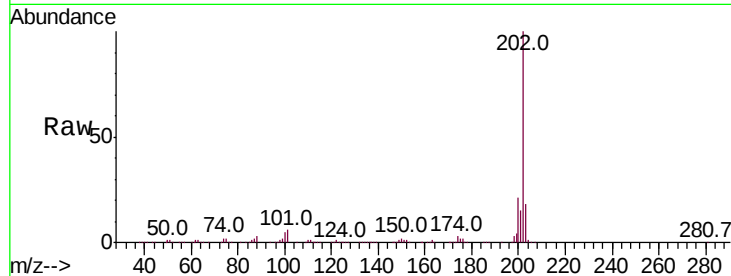
ClientSampleId :

PB116049BS

Tot Ion:	202	Resp:	501277
Ion Ratio	Lower	Upper	
202	100		
101	6.4	0.0	28.1
203	18.4	0.0	39.0

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

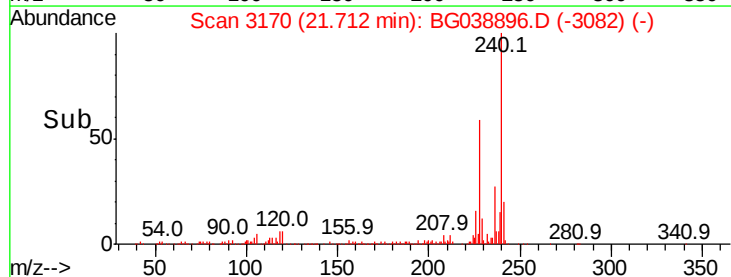
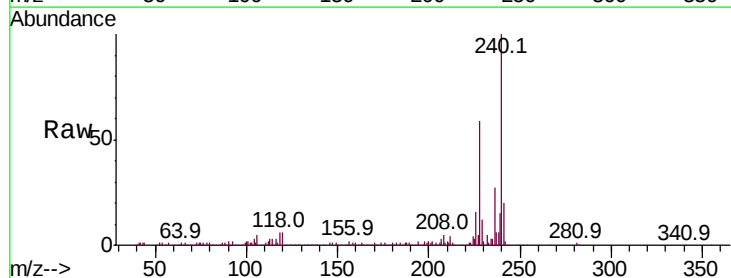
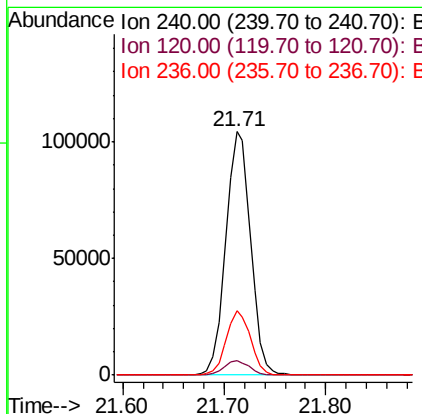
RT: 21.71 min Scan# 3170

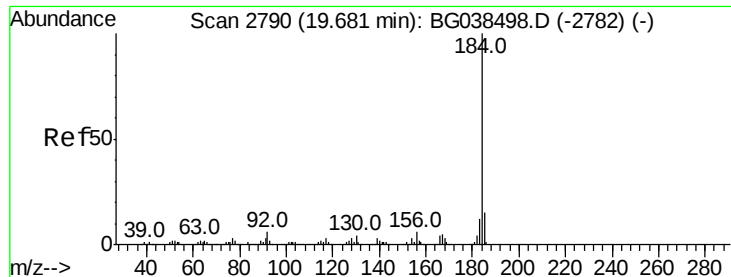
Delta R.T. -0.01 min

Lab File: BG038896.D

Acq: 2 Jan 2019 17:38

Tgt Ion:	240	Resp:	176100
Ion Ratio	Lower	Upper	
240	100		
120	6.2	5.3	7.9
236	26.5	21.4	32.2





#77

Benzidine

Concen: 38.754 ng

RT: 19.67 min Scan# 2822

Delta R.T. -0.01 min

Lab File: BG038896.D

Acq: 2 Jan 2019 17:38

Instrument :

BNA_G

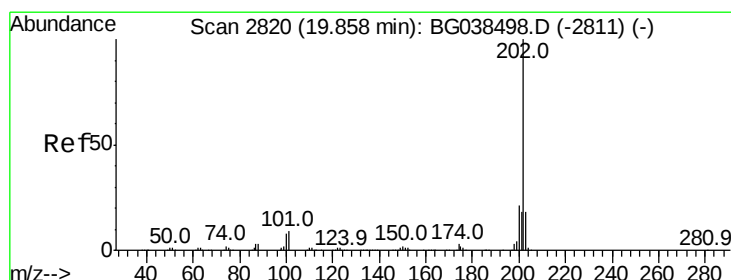
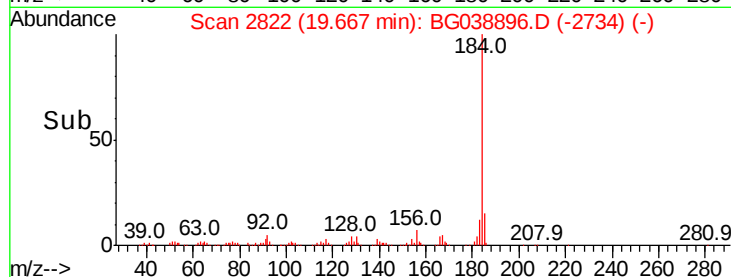
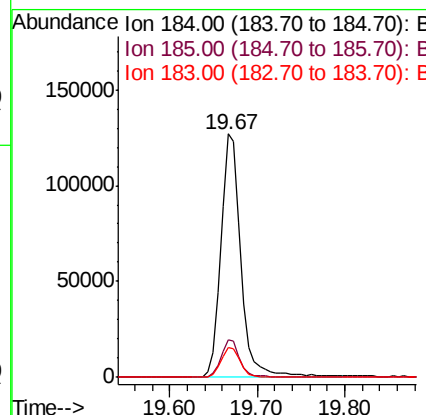
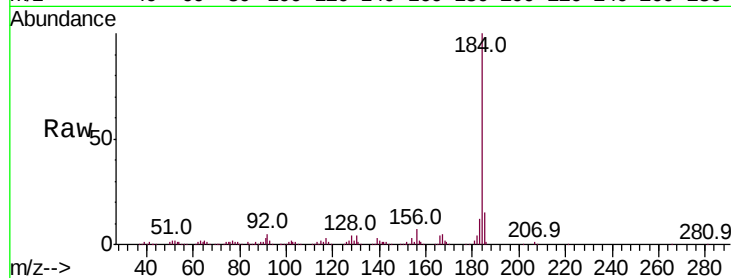
ClientSampleId :

PB116049BS

Tot Ion:	184	Resp:	201832
Ion Ratio	Lower	Upper	
184	100		
185	15.2	12.2	18.2
183	12.5	9.6	14.4

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#78

Pyrene

Concen: 43.383 ng

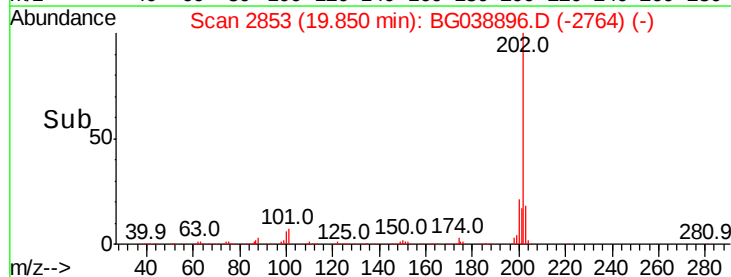
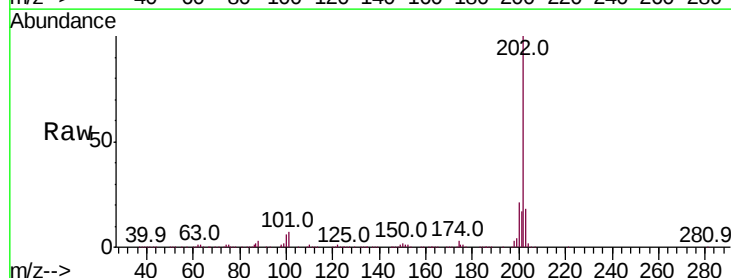
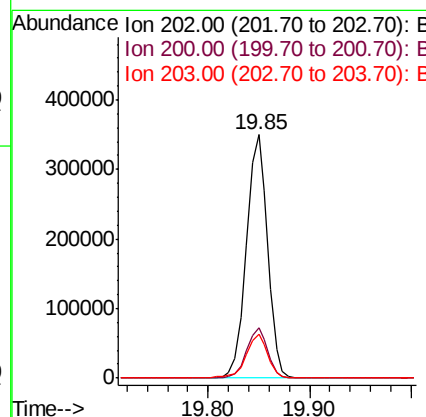
RT: 19.85 min Scan# 2853

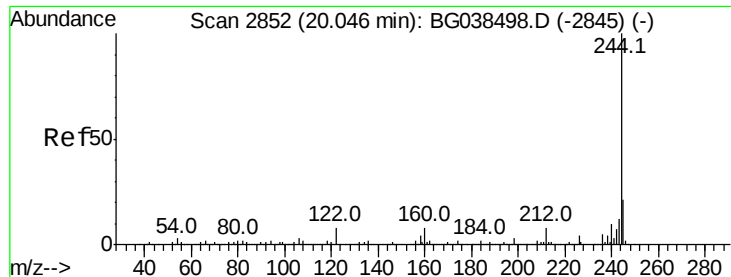
Delta R.T. -0.01 min

Lab File: BG038896.D

Acq: 2 Jan 2019 17:38

Tgt Ion:	202	Resp:	504705
Ion Ratio	Lower	Upper	
202	100		
200	20.8	16.6	25.0
203	18.0	14.6	21.8





#79

Terphenyl-d14

Concen: 85.082 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG038896.D

Acq: 2 Jan 2019 17:38

Instrument :

BNA_G

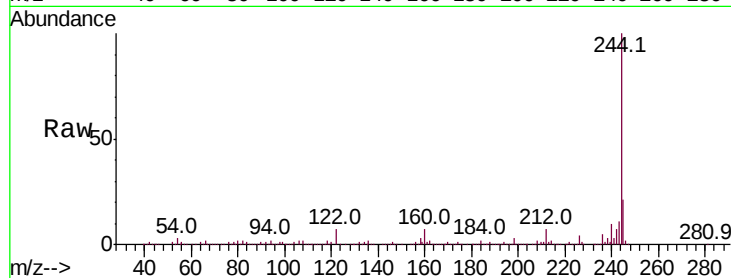
ClientSampleId :

PB116049BS

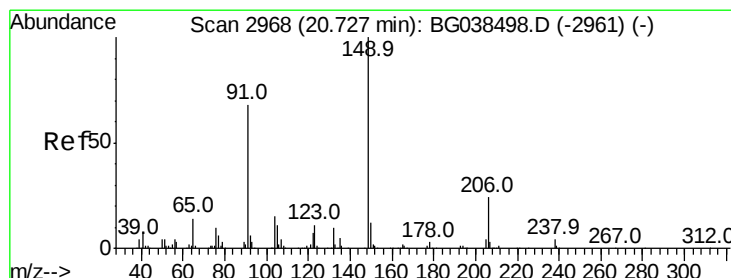
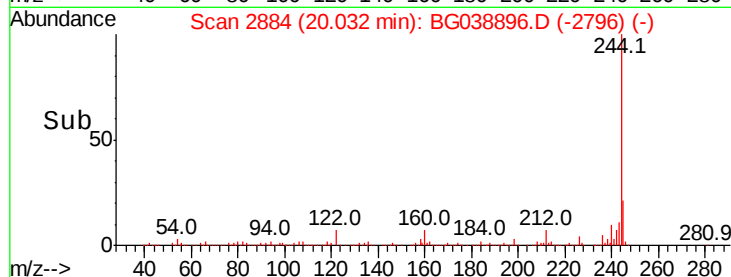
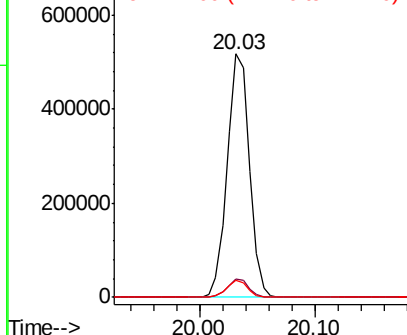
Tot Ion:	244	Resp:	688453
Ion Ratio	Lower	Upper	
244	100		
212	7.5	6.2	9.2
122	7.1	6.3	9.5

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



#80

Butylbenzylphthalate

Concen: 41.602 ng

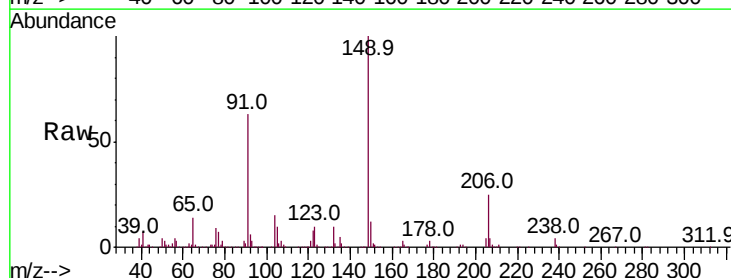
RT: 20.71 min Scan# 3000

Delta R.T. -0.01 min

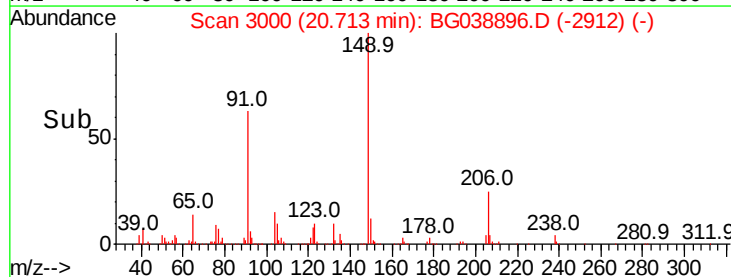
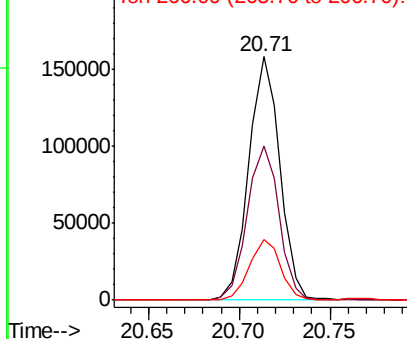
Lab File: BG038896.D

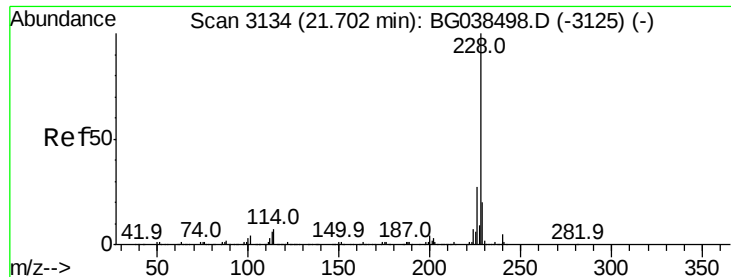
Acq: 2 Jan 2019 17:38

Tgt Ion:	149	Resp:	189089
Ion Ratio	Lower	Upper	
149	100		
91	63.3	54.5	81.7
206	25.1	19.0	28.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 45.017 ng

RT: 21.69 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG038896.D

Acq: 2 Jan 2019 17:38

Instrument :

BNA_G

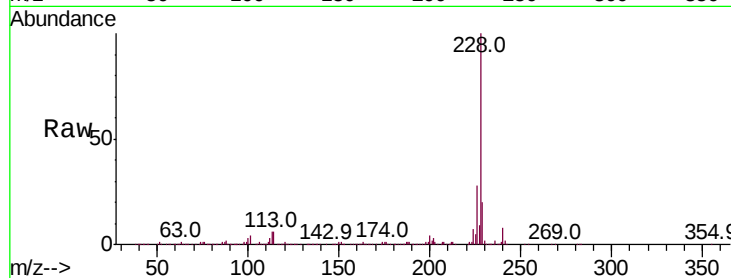
ClientSampleId :

PB116049BS

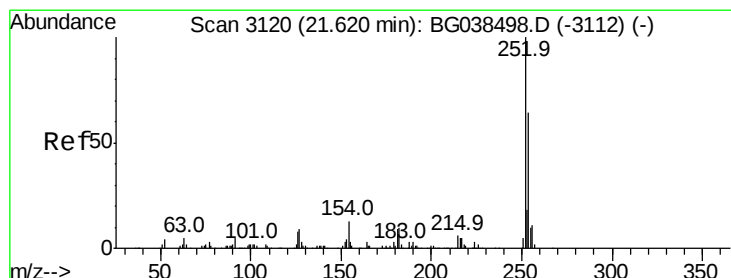
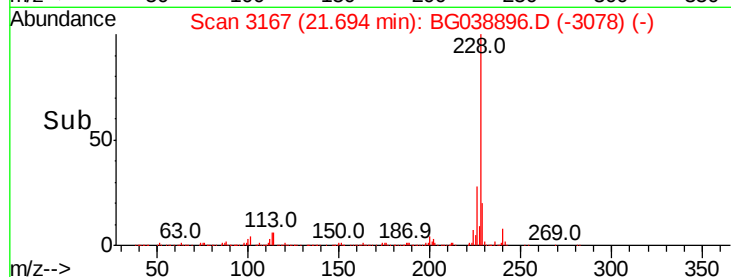
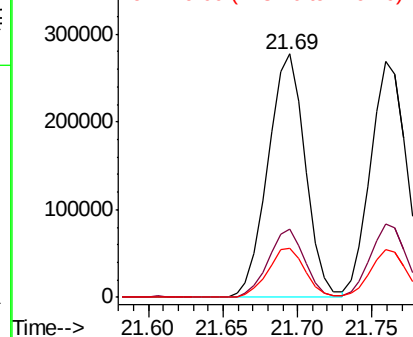
Tot Ion:	228	Resp:	483061
Ion Ratio	Lower	Upper	
228	100		
226	28.2	21.8	32.8
229	20.4	15.8	23.6

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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



#82

3,3'-Dichlorobenzidine

Concen: 28.607 ng

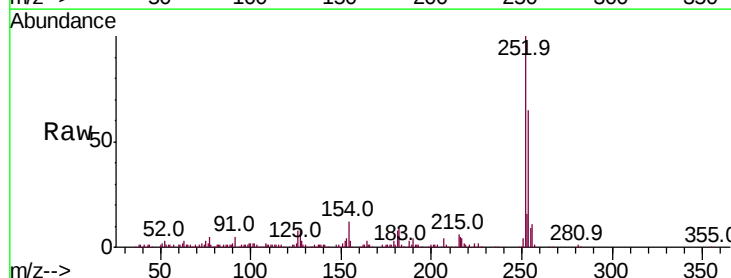
RT: 21.61 min Scan# 3152

Delta R.T. -0.01 min

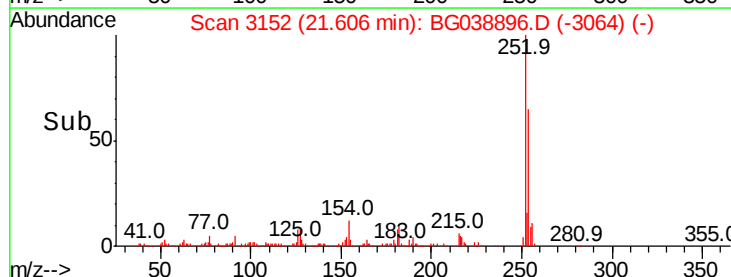
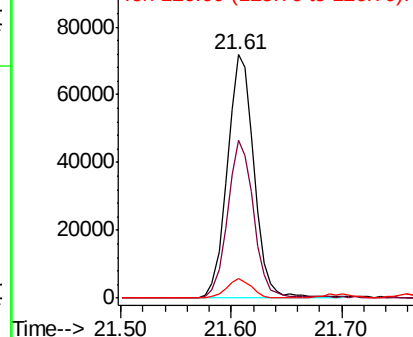
Lab File: BG038896.D

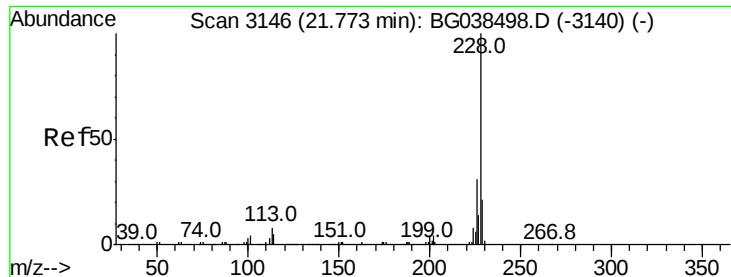
Acq: 2 Jan 2019 17:38

Tgt Ion:	252	Resp:	121745
Ion Ratio	Lower	Upper	
252	100		
254	65.0	50.9	76.3
126	7.9	6.3	9.5



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





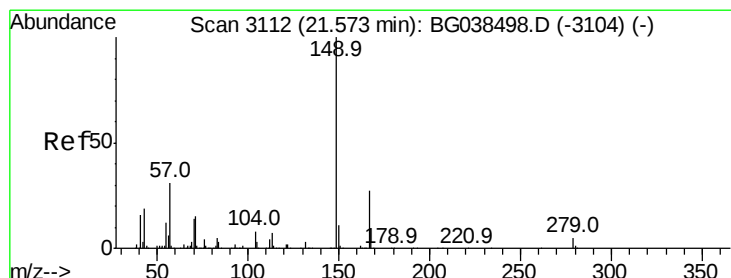
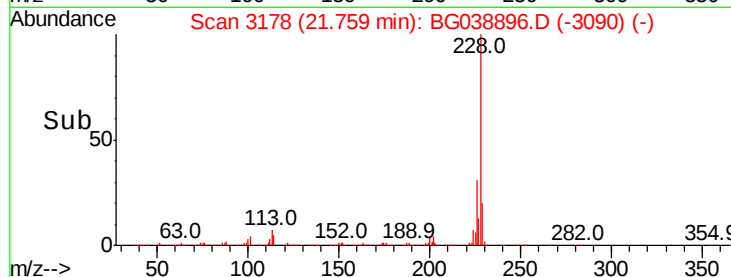
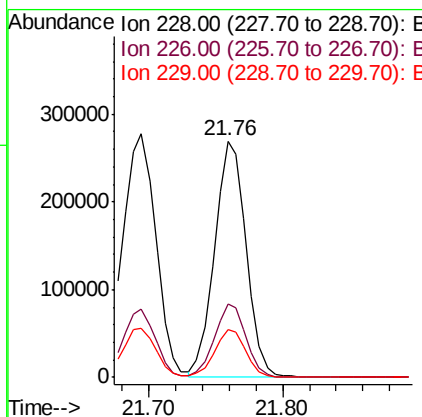
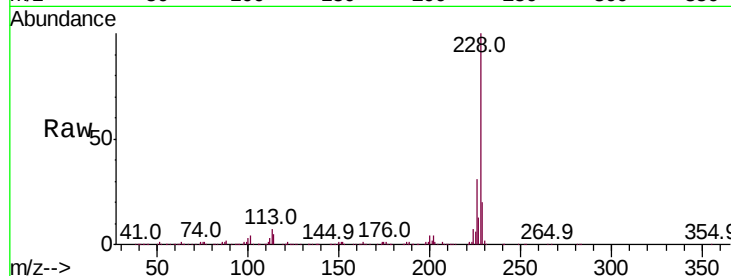
#83
Chrysene
Concen: 43.089 ng
RT: 21.76 min Scan# 3178
Delta R.T. -0.01 min
Lab File: BG038896.D
Acq: 2 Jan 2019 17:38

Instrument :
BNA_G
ClientSampleId :
PB116049BS

Tot Ion:	228	Resp:	445351
Ion Ratio	Lower	Upper	
228	100		
226	31.1	25.0	37.4
229	20.0	16.5	24.7

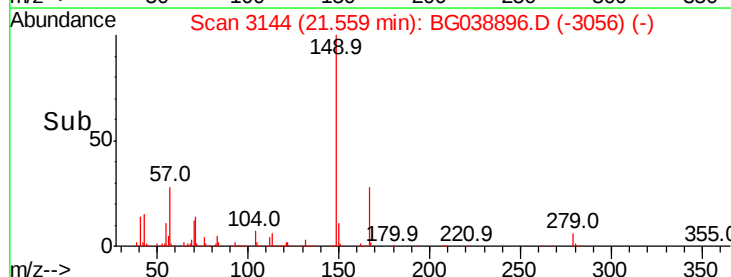
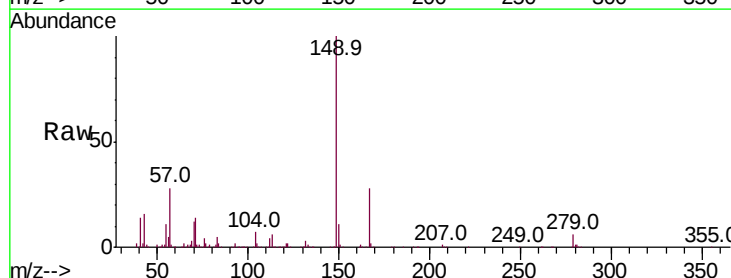
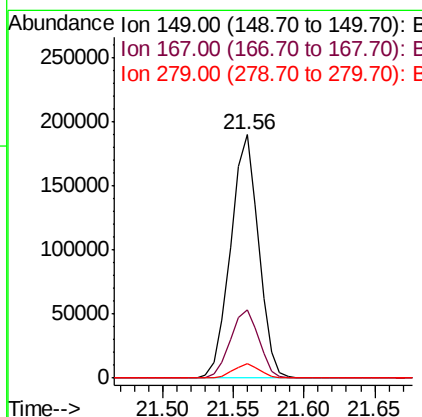
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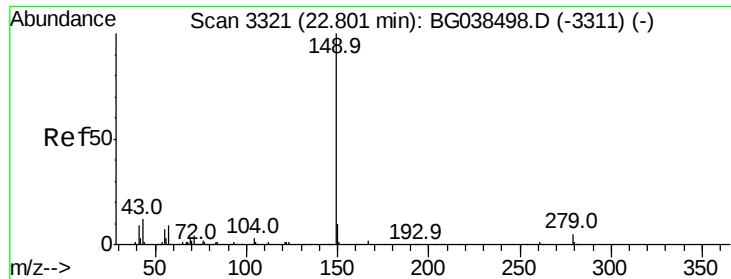
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#84
Bis(2-ethylhexyl)phthalate
Concen: 40.701 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG038896.D
Acq: 2 Jan 2019 17:38

Tgt Ion:	149	Resp:	262366
Ion Ratio	Lower	Upper	
149	100		
167	27.8	21.9	32.9
279	5.7	4.2	6.2





#85

Di-n-octyl phthalate

Concen: 41.453 ng

RT: 22.78 min Scan# 3352

Delta R.T. -0.02 min

Lab File: BG038896.D

Acq: 2 Jan 2019 17:38

Instrument :

BNA_G

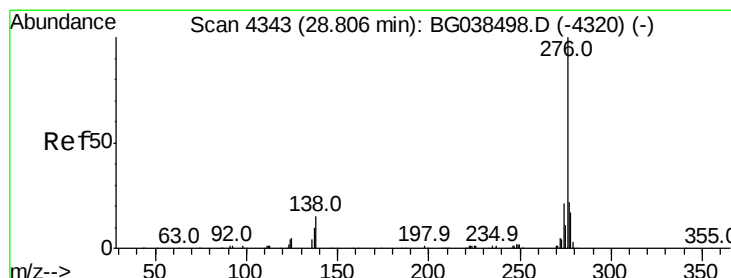
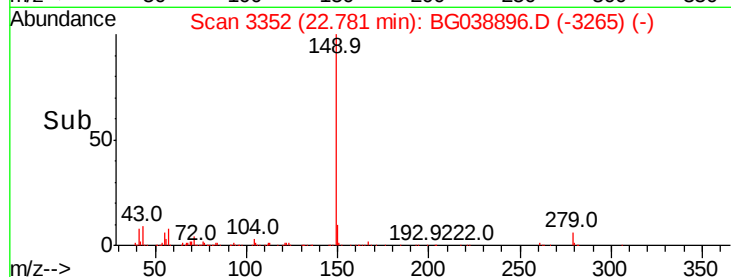
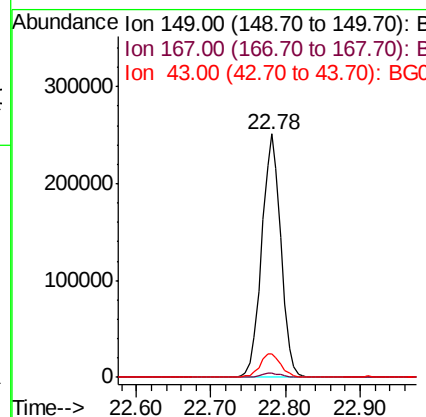
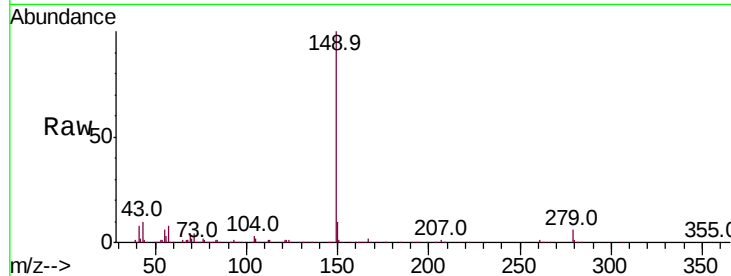
ClientSampleId :

PB116049BS

Tot Ion:	149	Resp:	447515
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.2	1.8
43	10.0	9.3	13.9

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#86

Indeno(1,2,3-cd)pyrene

Concen: 44.587 ng

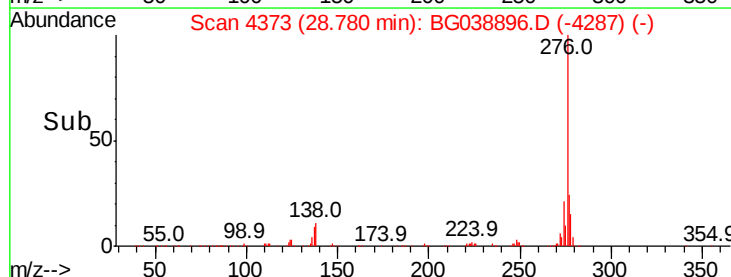
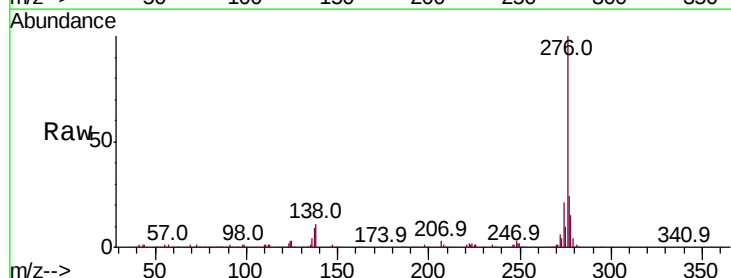
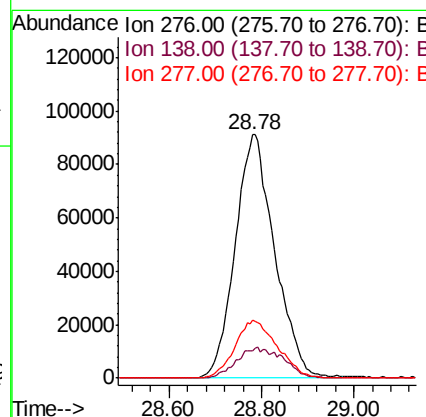
RT: 28.78 min Scan# 4373

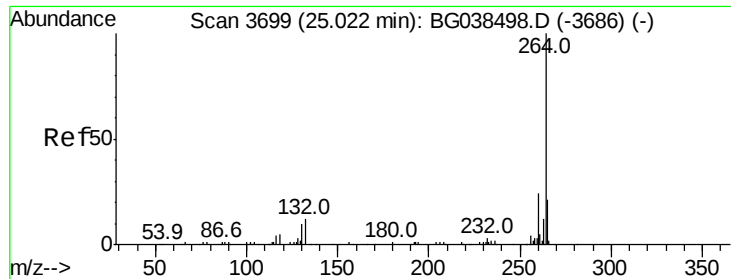
Delta R.T. -0.03 min

Lab File: BG038896.D

Acq: 2 Jan 2019 17:38

Tgt Ion:	276	Resp:	541792
Ion Ratio	Lower	Upper	
276	100		
138	14.8	14.4	21.6
277	25.4	0.0	0.0#





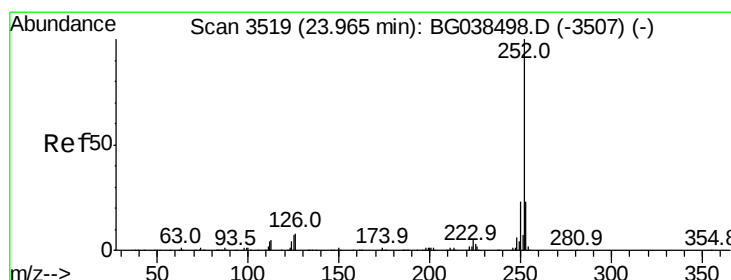
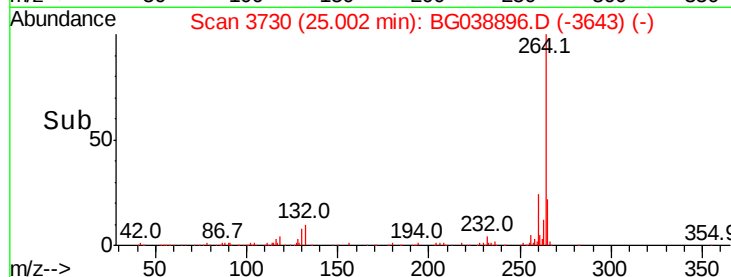
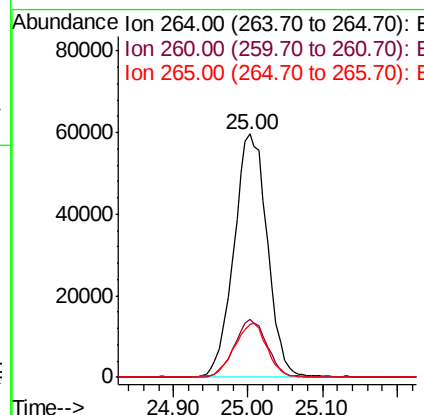
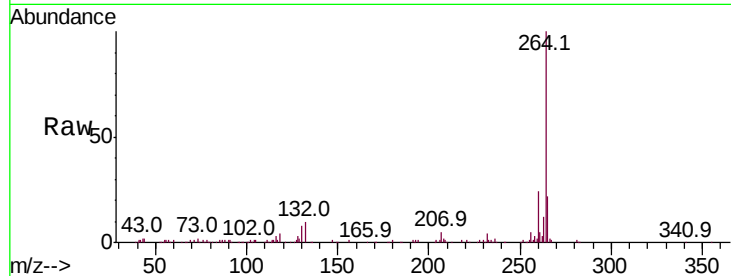
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.00 min Scan# 3730
Delta R.T. -0.02 min
Lab File: BG038896.D
Acq: 2 Jan 2019 17:38

Instrument :
BNA_G
ClientSampleId :
PB116049BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	21.5	17.0	25.4

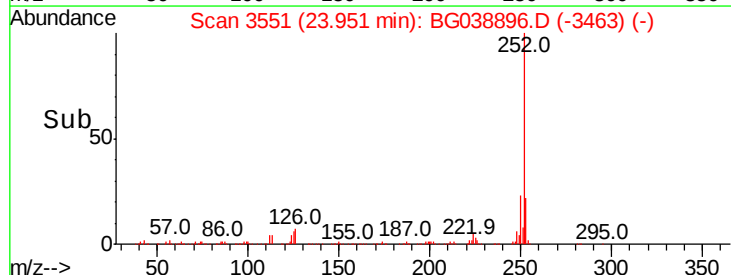
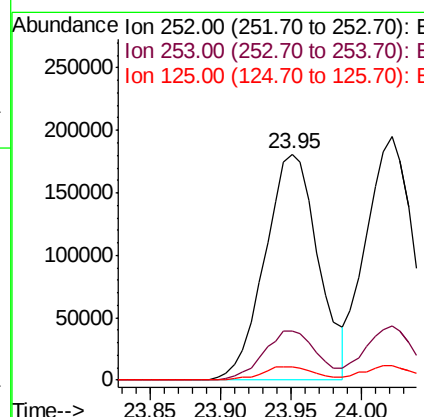
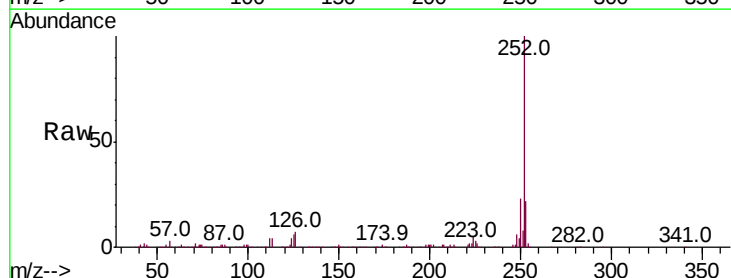
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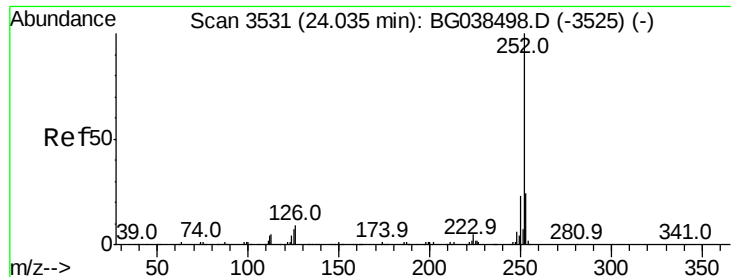
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#88
Benzo(b)fluoranthene
Concen: 47.121 ng
RT: 23.95 min Scan# 3551
Delta R.T. -0.01 min
Lab File: BG038896.D
Acq: 2 Jan 2019 17:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.1	27.1
125	5.8	5.5	8.3





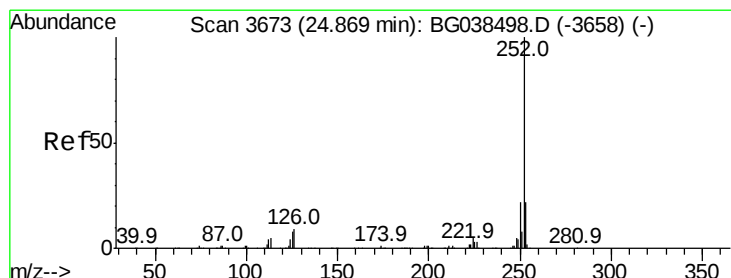
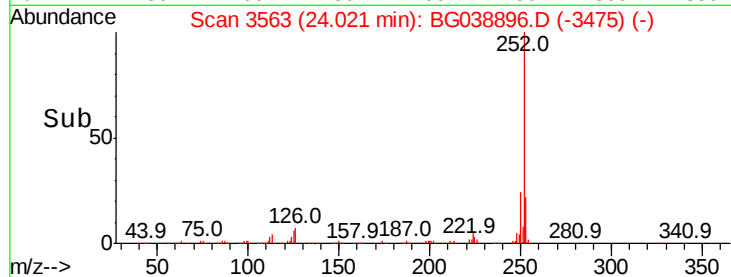
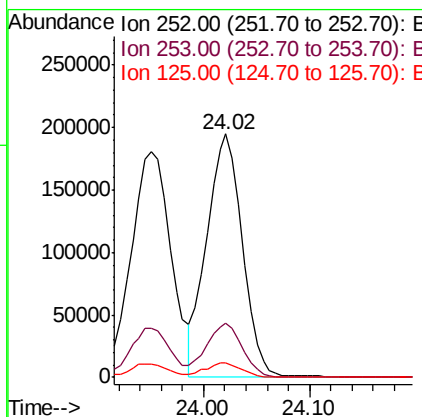
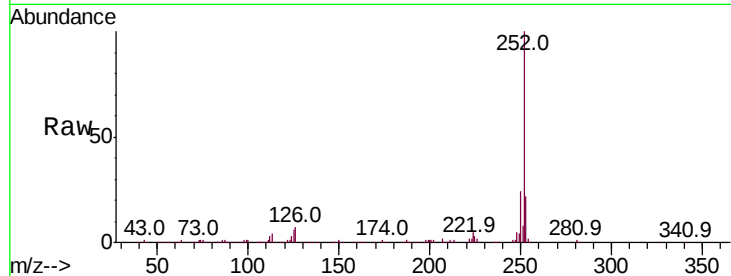
#89
Benzo(k)fluoranthene
Concen: 45.152 ng
RT: 24.02 min Scan# 3563
Delta R.T. -0.01 min
Lab File: BG038896.D
Acq: 2 Jan 2019 17:38

Instrument :
BNA_G
ClientSampled :
PB116049BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.9	28.3
125	6.1	5.4	8.2

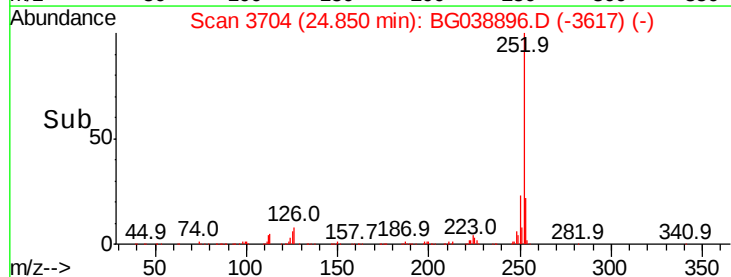
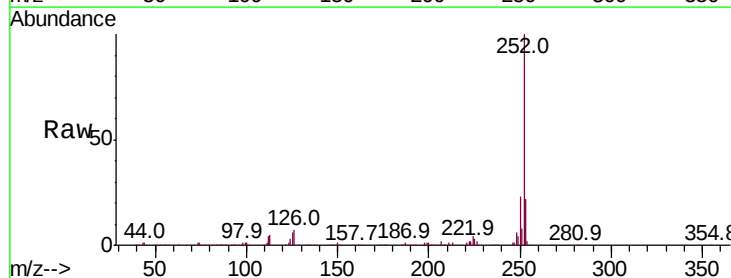
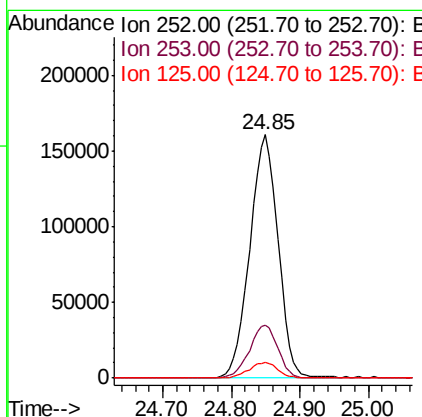
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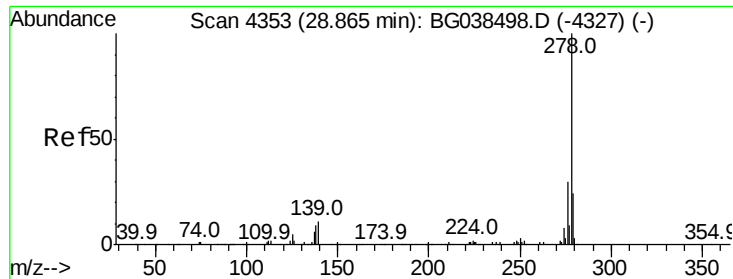
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#90
Benzo(a)pyrene
Concen: 47.133 ng
RT: 24.85 min Scan# 3704
Delta R.T. -0.02 min
Lab File: BG038896.D
Acq: 2 Jan 2019 17:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.0
125	6.3	6.4	9.6





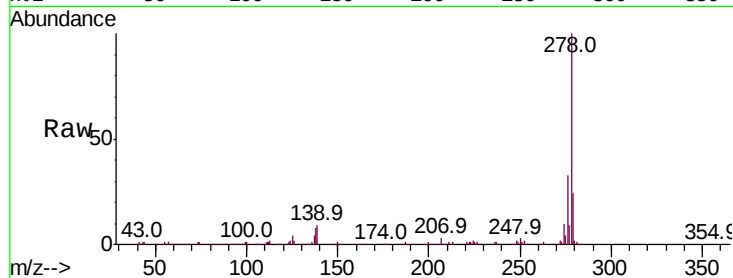
#91
Dibenzo(a,h)anthracene
Concen: 46.069 ng
RT: 28.84 min Scan# 4384
Delta R.T. -0.02 min
Lab File: BG038896.D
Acq: 2 Jan 2019 17:38

Instrument :
BNA_G
ClientSampleId :
PB116049BS

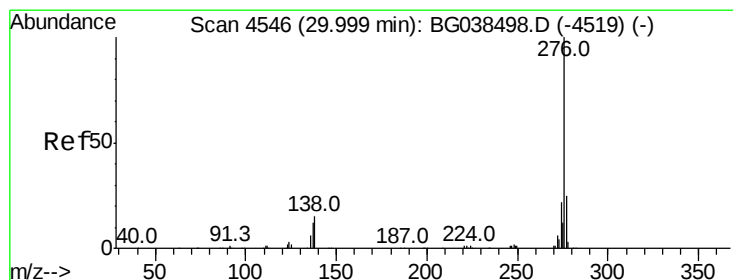
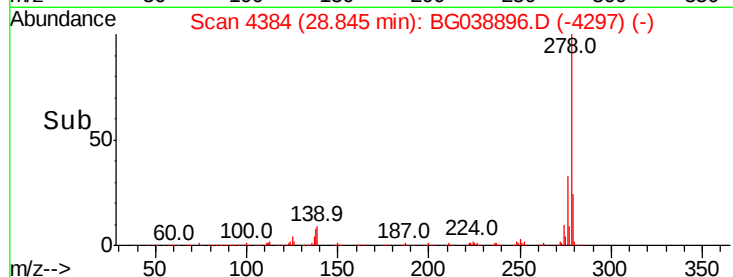
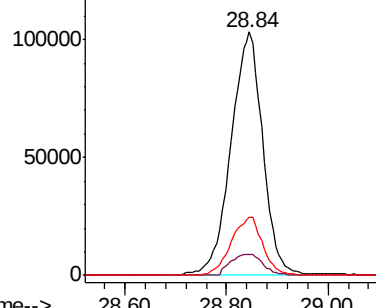
Tot Ion	Ratio	Lower	Upper
278	100		
139	8.6	8.6	12.8
279	23.7	19.0	28.6

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



#92
Benzo(g,h,i)perylene
Concen: 46.914 ng
RT: 29.97 min Scan# 4576
Delta R.T. -0.03 min
Lab File: BG038896.D
Acq: 2 Jan 2019 17:38

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.8	29.8
138	12.1	11.8	17.6

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

