

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121418\
 Data File : BG038580.D
 Acq On : 14 Dec 2018 23:04
 Operator : JU/SJ
 Sample : PB115428BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115428BS

Manual Integrations
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Sohil
 12/17/2018 4:11:52 PM

Quant Time: Dec 15 00:03:27 2018
 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	8.06	152	23415	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	93508	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	60008	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	153680	20.00	ng	0.00
76) Chrysene-d12	21.72	240	162167	20.00	ng	0.00
87) Perylene-d12	25.02	264	175577	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	175688	133.08	ng	0.00
7) Phenol-d6	7.21	99	228459	126.06	ng	0.00
23) Nitrobenzene-d5	9.24	82	115667	63.19	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	103129	124.70	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	266195	60.86	ng	0.00
79) Terphenyl-d14	20.04	244	552430	74.14	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	20617	33.555	ng	# 89
3) Pyridine	3.89	79	57939	34.250	ng	90
4) n-Nitrosodimethylamine	3.82	42	37436	45.165	ng	# 88
6) Aniline	7.39	93	79158	34.215	ng	98
8) 2-Chlorophenol	7.62	128	66280	43.385	ng	98
9) Benzaldehyde	7.20	77	26706	22.715	ng	99
10) Phenol	7.24	94	82254	42.720	ng	99
11) bis(2-Chloroethyl)ether	7.48	93	57327	37.397	ng	100
12) 1,3-Dichlorobenzene	7.94	146	67147	37.173	ng	94
13) 1,4-Dichlorobenzene	8.09	146	69756	37.706	ng	96
14) 1,2-Dichlorobenzene	8.42	146	67028	38.432	ng	97
15) Benzyl Alcohol	8.30	79	57973	40.982	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.58	45	131818	37.538	ng	99
17) 2-Methylphenol	8.50	107	56685	43.942	ng	97
18) Hexachloroethane	9.14	117	25030	37.026	ng	97
19) n-Nitroso-di-n-propylamine	8.86	70	46947	36.883	ng	97
20) 3+4-Methylphenols	8.83	107	75209	42.216	ng	95
22) Acetophenone	8.89	105	94266	40.360	ng	# 97
24) Nitrobenzene	9.28	77	75875	40.977	ng	98
25) Isophorone	9.79	82	134584	40.924	ng	99
26) 2-Nitrophenol	9.99	139	36337	38.342	ng	96
27) 2,4-Dimethylphenol	10.03	122	63547	46.787	ng	99
28) bis(2-Chloroethoxy)methane	10.28	93	77782	41.911	ng	95
29) 2,4-Dichlorophenol	10.52	162	66461	43.985	ng	98
30) 1,2,4-Trichlorobenzene	10.74	180	71592	39.225	ng	96
31) Naphthalene	10.93	128	197981	42.972	ng	98
32) Benzoic acid	10.18	122	28811m	36.488	ng	
33) 4-Chloroaniline	11.05	127	41934	20.964	ng	98
34) Hexachlorobutadiene	11.19	225	46521	37.669	ng	95
35) Caprolactam	11.82	113	22915m	36.645	ng	
36) 4-Chloro-3-methylphenol	12.15	107	70163	40.691	ng	94
37) 2-Methylnaphthalene	12.53	142	145971	44.411	ng	99
38) 1-Methylnaphthalene	12.75	142	137478	43.103	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	84387	37.621	ng	99

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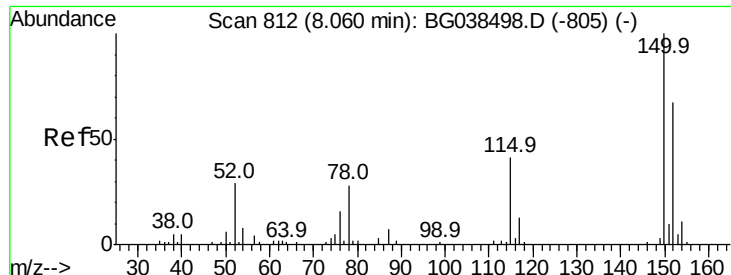
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	113978	92.489	ng	93
43) 2,4,6-Trichlorophenol	13.13	196	58516	42.428	ng	97
44) 2,4,5-Trichlorophenol	13.20	196	62639	42.896	ng	94
46) 1,1'-Biphenyl	13.53	154	186164	37.006	ng	99
47) 2-Chloronaphthalene	13.58	162	151521	38.993	ng	95
48) 2-Nitroaniline	13.79	65	50696	40.958	ng	95
49) Acenaphthylene	14.42	152	245557	42.270	ng	99
50) Dimethylphthalate	14.14	163	198138	40.433	ng	99
51) 2,6-Dinitrotoluene	14.28	165	44418	39.997	ng	97
52) Acenaphthene	14.76	154	140116	40.336	ng	98
53) 3-Nitroaniline	14.61	138	31815	28.104	ng	89
54) 2,4-Dinitrophenol	14.82	184	49483	75.218	ng	98
55) Dibenzofuran	15.10	168	235021	39.470	ng	96
56) 4-Nitrophenol	14.91	139	73032	85.039	ng	94
57) 2,4-Dinitrotoluene	15.07	165	64592	41.296	ng	96
58) Fluorene	15.74	166	188208	42.662	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.31	232	57189	43.531	ng	98
60) Diethylphthalate	15.50	149	206145	38.320	ng	98
61) 4-Chlorophenyl-phenylether	15.73	204	107810	39.168	ng	98
62) 4-Nitroaniline	15.78	138	48930	41.983	ng	97
63) Azobenzene	16.02	77	180845	40.241	ng	97
65) 4,6-Dinitro-2-methylphenol	15.82	198	40019	36.504	ng	96
66) n-Nitrosodiphenylamine	15.95	169	173762	38.482	ng	98
67) 4-Bromophenyl-phenylether	16.62	248	69648	37.109	ng	96
68) Hexachlorobenzene	16.74	284	73153	37.599	ng	99
69) Atrazine	16.89	200	74101	44.220	ng	96
70) Pentachlorophenol	17.09	266	82224	71.450	ng	98
71) Phenanthrene	17.49	178	333917	41.900	ng	99
72) Anthracene	17.58	178	342643	43.552	ng	99
73) Carbazole	17.85	167	315963	40.609	ng	98
74) Di-n-butylphthalate	18.38	149	384596	43.078	ng	99
75) Fluoranthene	19.49	202	438175	44.439	ng	98
77) Benzidine	19.68	184	217310	45.311	ng	99
78) Pyrene	19.86	202	432078	40.331	ng	99
80) Butylbenzylphthalate	20.72	149	172935	41.317	ng	99
81) Benzo(a)anthracene	21.70	228	426749	43.186	ng	99
82) 3,3'-Dichlorobenzidine	21.62	252	110189	28.116	ng	98
83) Chrysene	21.77	228	390523	41.030	ng	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	244747	41.229	ng	99
85) Di-n-octyl phthalate	22.79	149	417908	42.036	ng	99
86) Indeno(1,2,3-cd)pyrene	28.80	276	483169	43.179	ng	# 86
88) Benzo(b)fluoranthene	23.96	252	420307	43.601	ng	99
89) Benzo(k)fluoranthene	24.03	252	409721	42.682	ng	98
90) Benzo(a)pyrene	24.86	252	408301	43.903	ng	99
91) Dibenzo(a,h)anthracene	28.86	278	401786	43.390	ng	98
92) Benzo(g,h,i)perylene	30.00	276	395522	43.342	ng	98

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



#1

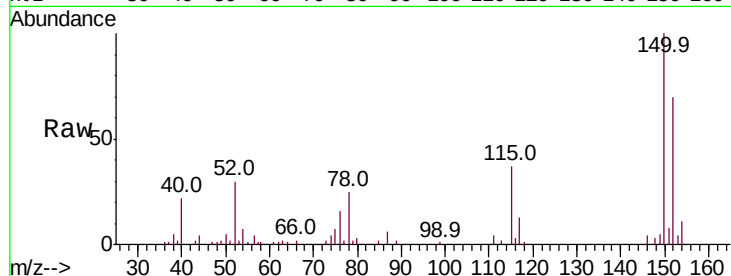
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 847
Delta R.T. 0.00 min
Lab File: BG038580.D
Acq: 14 Dec 2018 23:04

Instrument :
BNA_G
ClientSampleId :
PB115428BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	143.6	119.5	179.3
115	52.5	49.6	74.4

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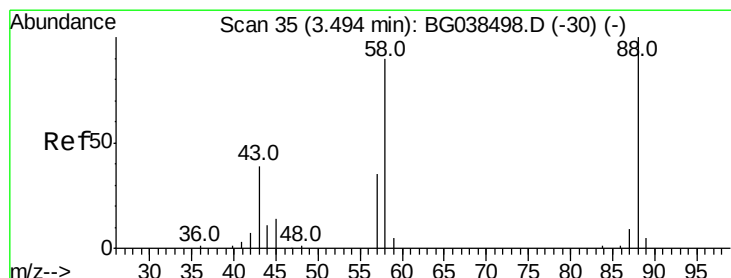
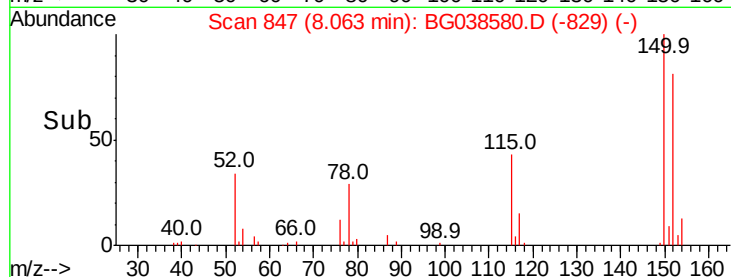
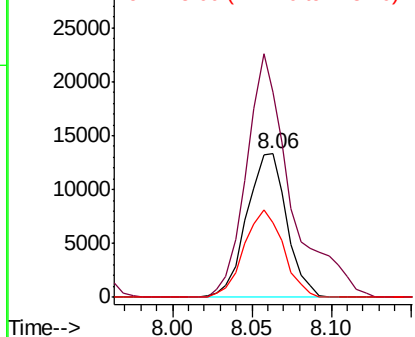


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

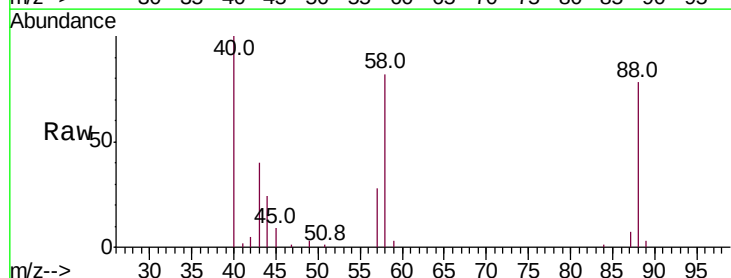
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 33.555 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.01 min
Lab File: BG038580.D
Acq: 14 Dec 2018 23:04

Tgt Ion	Ratio	Lower	Upper
88	100		
58	103.7	75.7	113.5
43	47.6	31.6	47.4

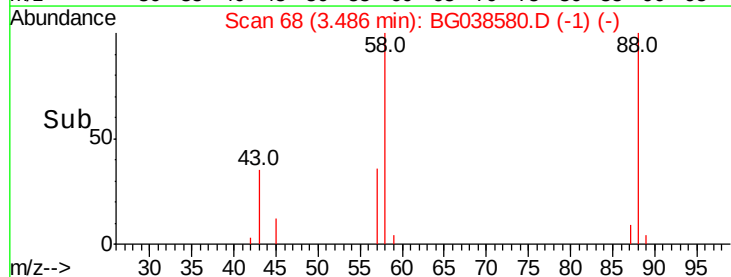
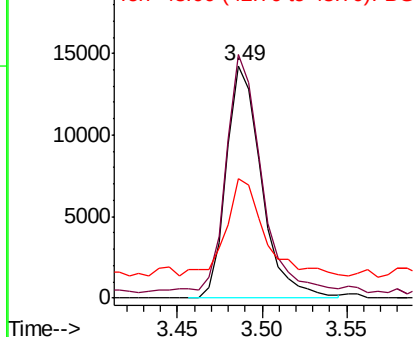


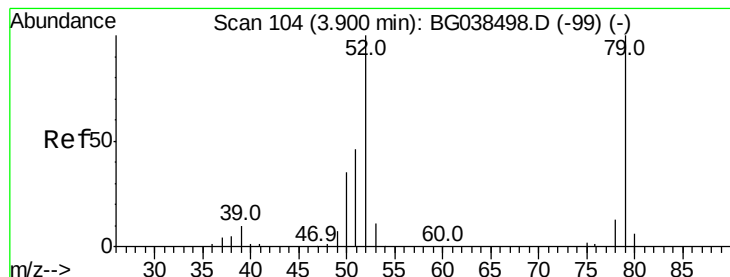
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 34.250 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.01 min

Lab File: BG038580.D

Acq: 14 Dec 2018 23:04

Instrument :

BNA_G

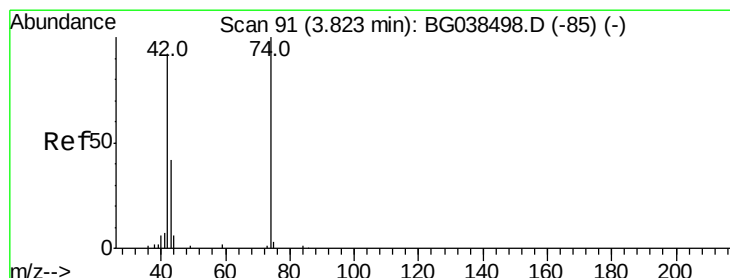
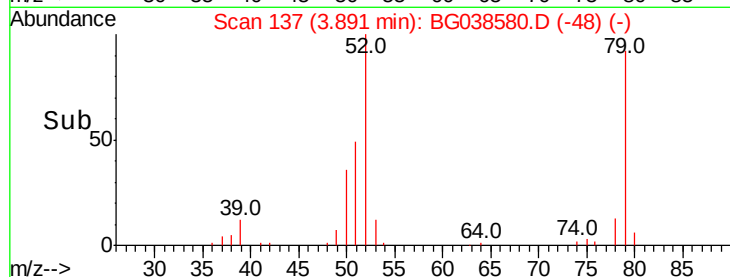
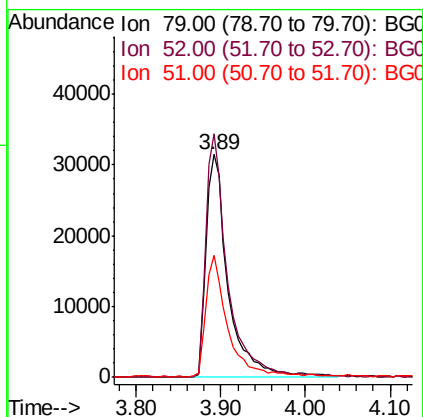
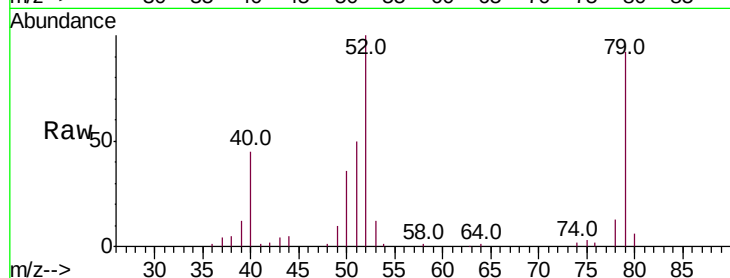
ClientSampleId :

PB115428BS

Tot Ion:	79	Resp:	57939
Ion	Ratio	Lower	Upper
79	100		
52	109.3	80.2	120.2
51	54.9	38.0	57.0

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#4

n-Nitrosodimethylamine

Concen: 45.165 ng

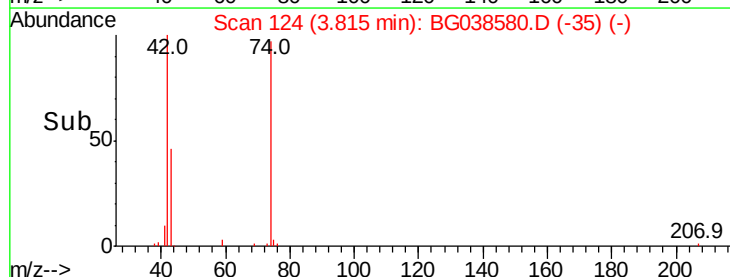
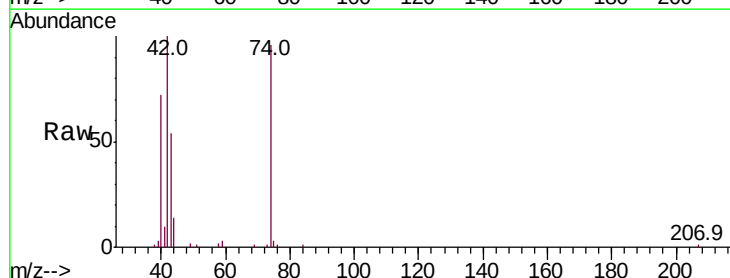
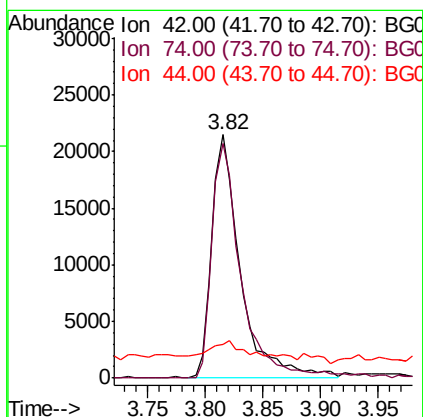
RT: 3.82 min Scan# 124

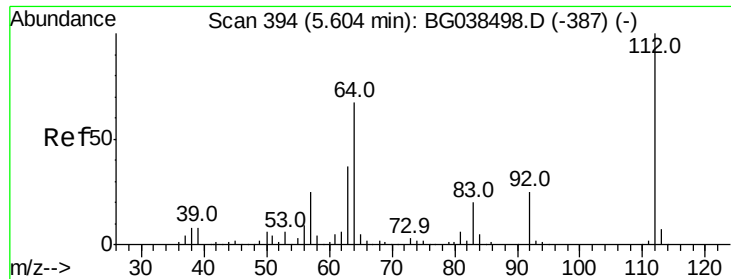
Delta R.T. -0.01 min

Lab File: BG038580.D

Acq: 14 Dec 2018 23:04

Tgt Ion:	42	Resp:	37436
Ion	Ratio	Lower	Upper
42	100		
74	96.4	86.7	130.1
44	14.1	7.8	11.8#





#5

2-Fluorophenol

Concen: 133.081 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.00 min

Lab File: BG038580.D

Acq: 14 Dec 2018 23:04

Instrument :

BNA_G

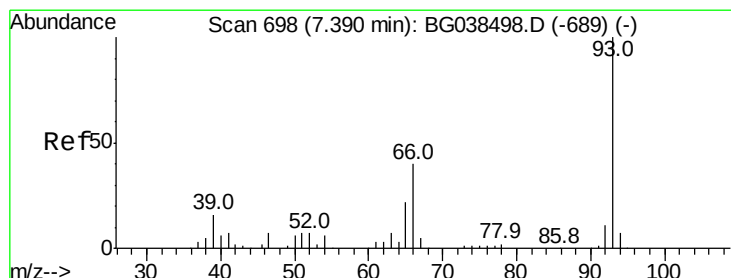
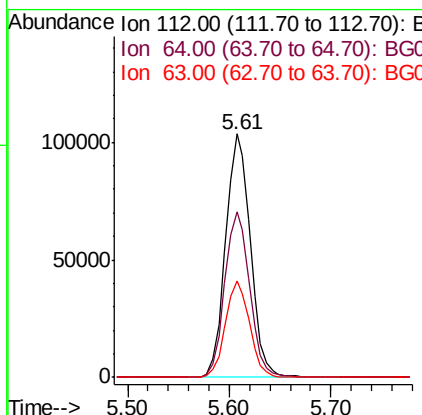
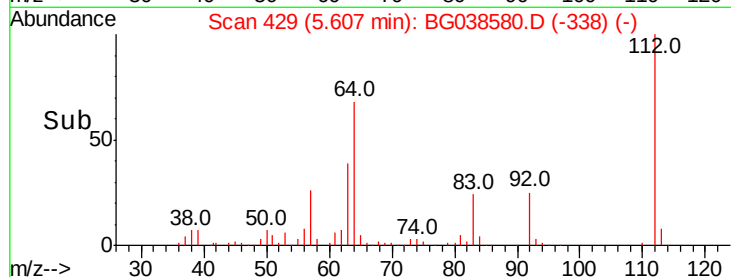
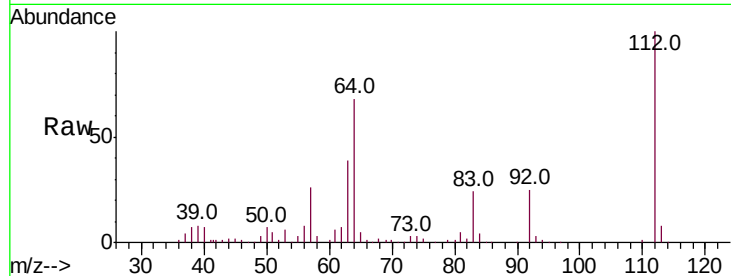
ClientSampleId :

PB115428BS

Tot Ion:	112	Resp:	175688
Ion Ratio	Lower	Upper	
112	100		
64	68.0	53.4	80.2
63	39.5	29.3	43.9

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#6

Aniline

Concen: 34.215 ng

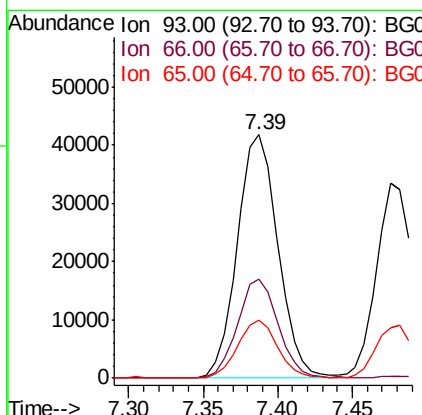
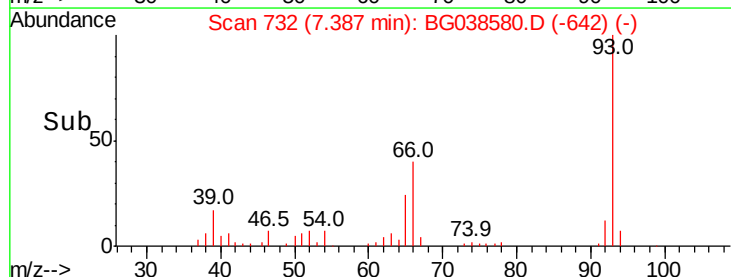
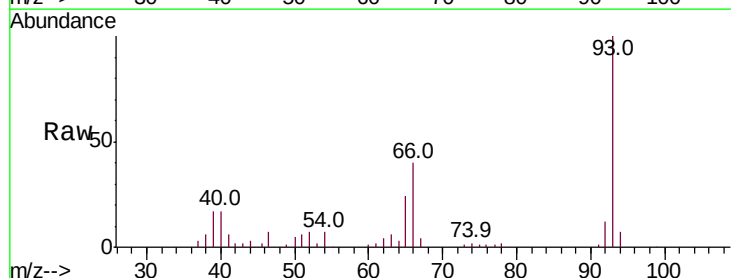
RT: 7.39 min Scan# 732

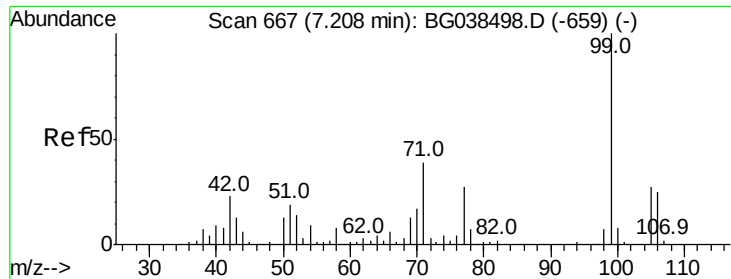
Delta R.T. -0.00 min

Lab File: BG038580.D

Acq: 14 Dec 2018 23:04

Tgt Ion:	93	Resp:	79158
Ion Ratio	Lower	Upper	
93	100		
66	40.4	31.7	47.5
65	23.7	17.8	26.6





#7

Phenol-d6

Concen: 126.059 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038580.D

Acq: 14 Dec 2018 23:04

Instrument :

BNA_G

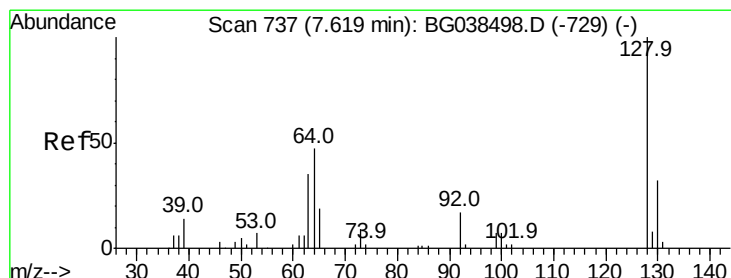
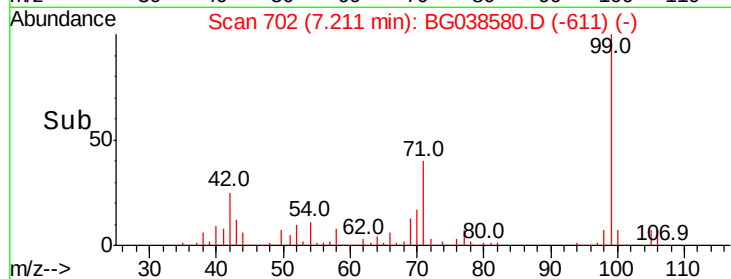
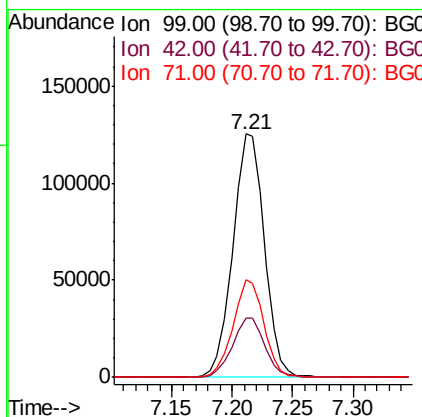
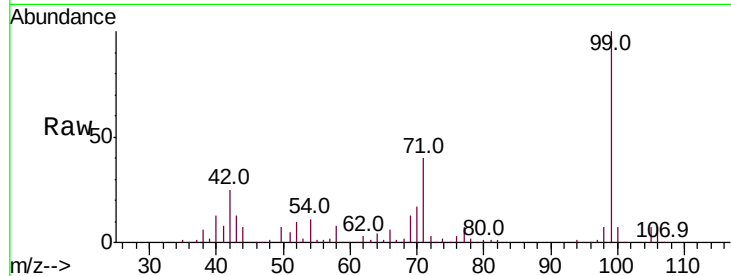
ClientSampleId :

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Tot Ion:	99	Resp:	228459
Ion Ratio	Lower	Upper	
99	100		
42	24.5	18.5	27.7
71	40.2	31.1	46.7

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#8

2-Chlorophenol

Concen: 43.385 ng

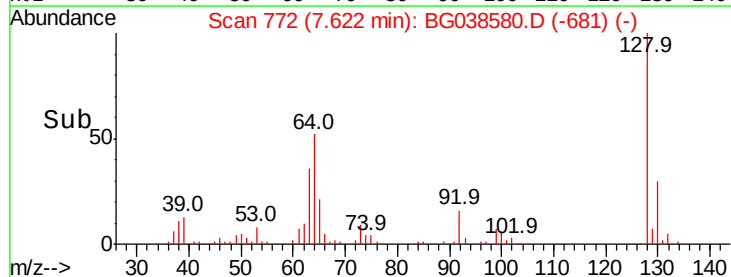
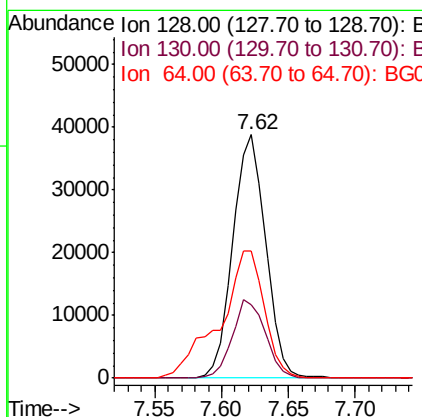
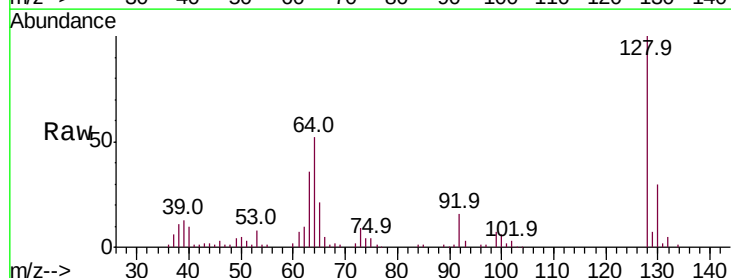
RT: 7.62 min Scan# 772

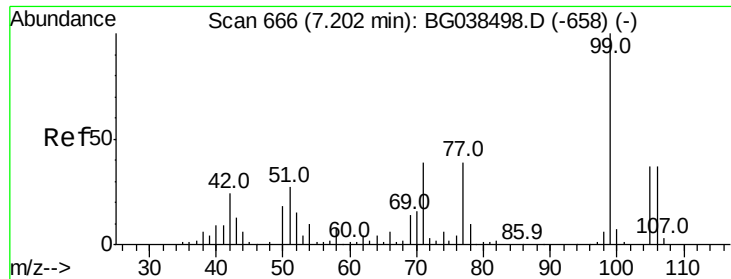
Delta R.T. 0.00 min

Lab File: BG038580.D

Acq: 14 Dec 2018 23:04

Tgt Ion:	128	Resp:	66280
Ion Ratio	Lower	Upper	
128	100		
130	30.4	11.8	51.8
64	52.0	33.2	73.2





#9

Benzaldehyde

Concen: 22.715 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG038580.D

Acq: 14 Dec 2018 23:04

Instrument :

BNA_G

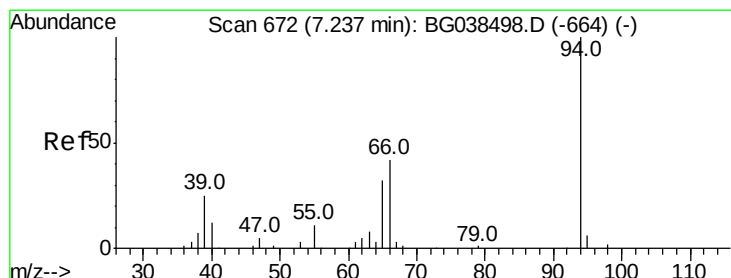
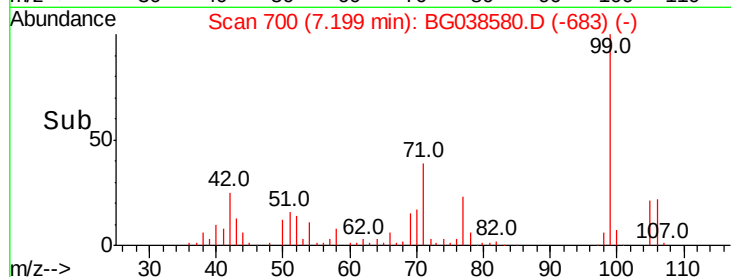
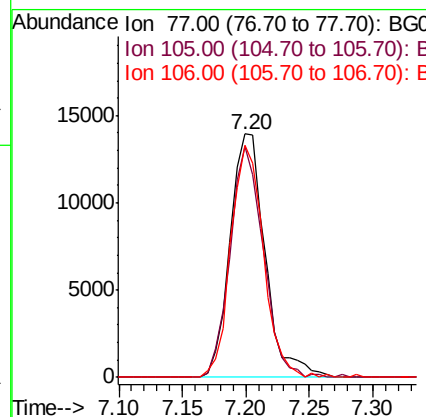
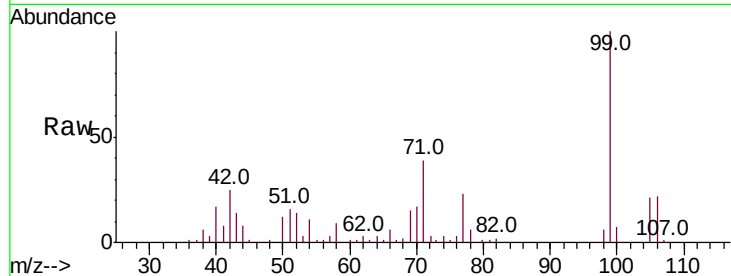
ClientSampleId :

PB115428BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	94.8	74.0	114.0
106	95.1	73.9	113.9

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#10

Phenol

Concen: 42.720 ng

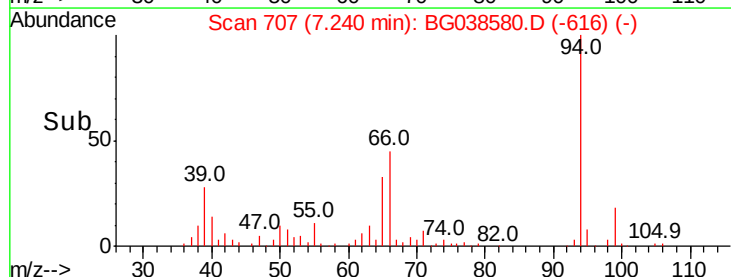
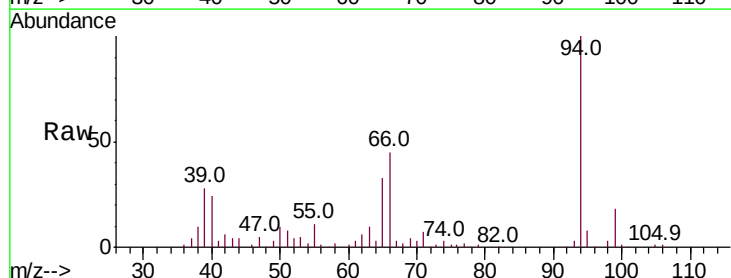
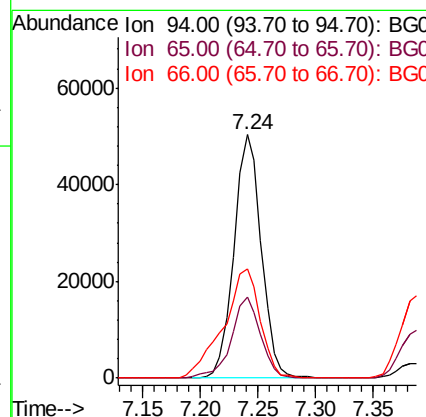
RT: 7.24 min Scan# 707

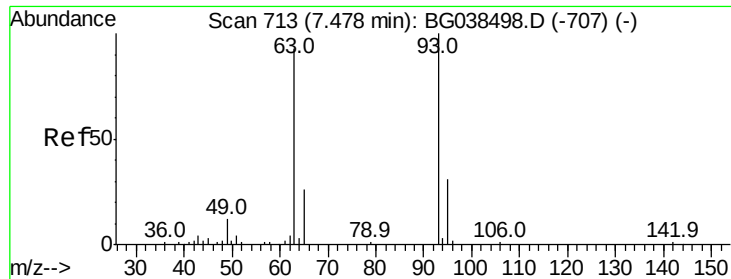
Delta R.T. 0.00 min

Lab File: BG038580.D

Acq: 14 Dec 2018 23:04

Tgt Ion	Ratio	Lower	Upper
94	100		
65	33.4	12.6	52.6
66	44.8	24.1	64.1





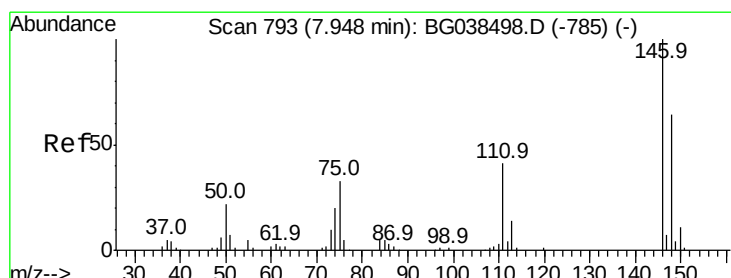
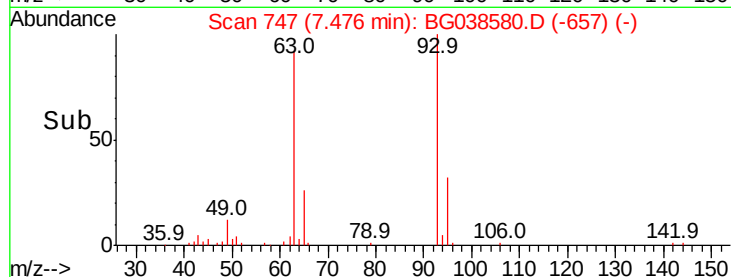
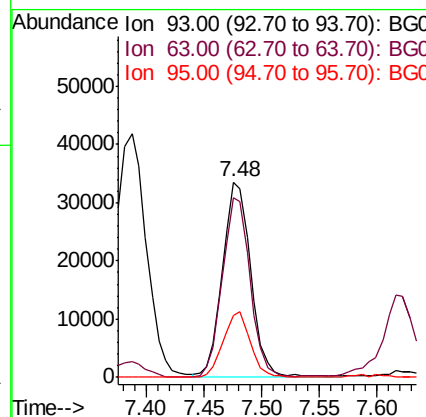
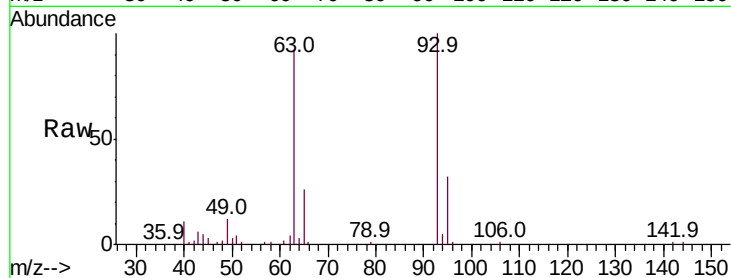
#11
bis(2-Chloroethyl)ether
Concen: 37.397 ng
RT: 7.48 min Scan# 747
Delta R.T. -0.00 min
Lab File: BG038580.D
Acq: 14 Dec 2018 23:04

Instrument :
BNA_G
ClientSampleId :
PB115428BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	92.1	72.2	112.2
95	31.8	11.2	51.2

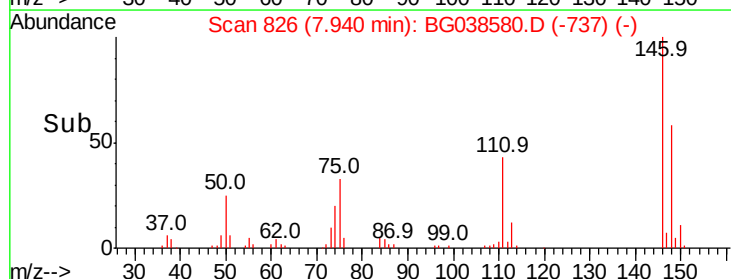
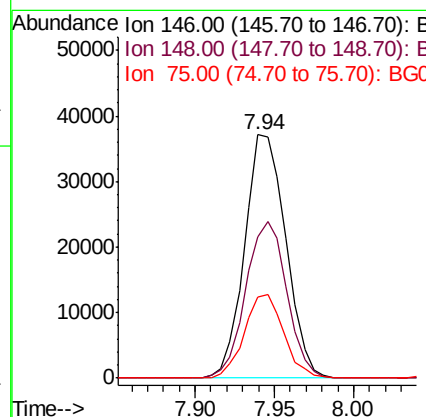
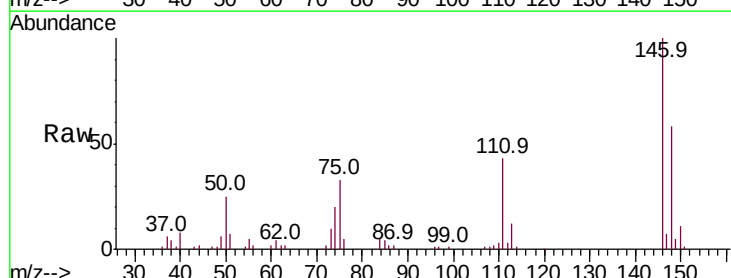
Manual Integrations
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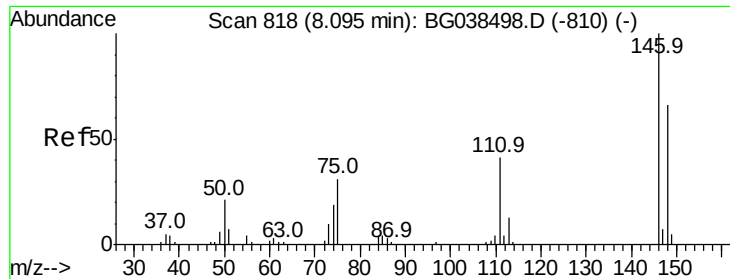
Sohil
12/17/2018 4:11:52 PM



#12
1,3-Dichlorobenzene
Concen: 37.173 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG038580.D
Acq: 14 Dec 2018 23:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	57.9	51.4	77.0
75	33.2	26.1	39.1





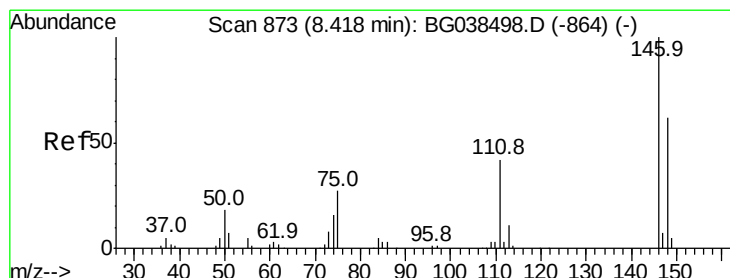
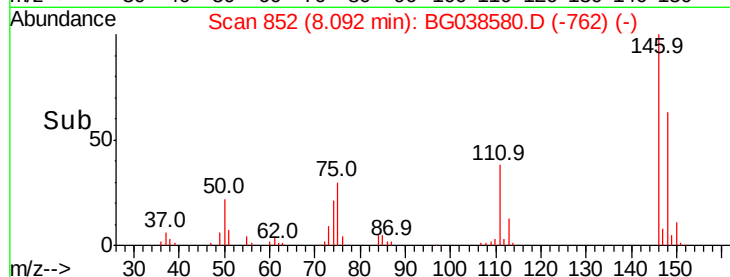
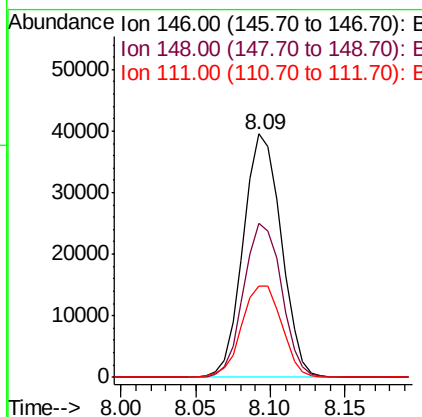
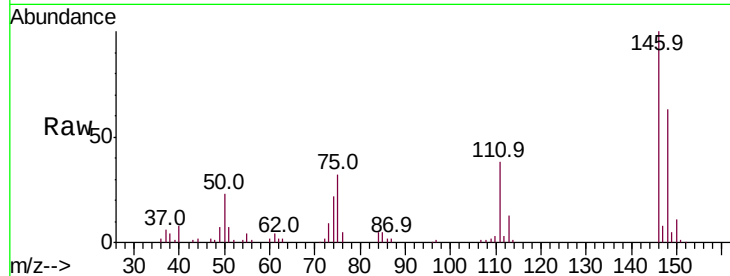
#13
 1,4-Dichlorobenzene
 Concen: 37.706 ng
 RT: 8.09 min Scan# 852
 Delta R.T. -0.00 min
 Lab File: BG038580.D
 Acq: 14 Dec 2018 23:04

Instrument :
 BNA_G
 ClientSampleId :
 PB115428BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.0	52.4	78.6
111	37.7	33.0	49.4

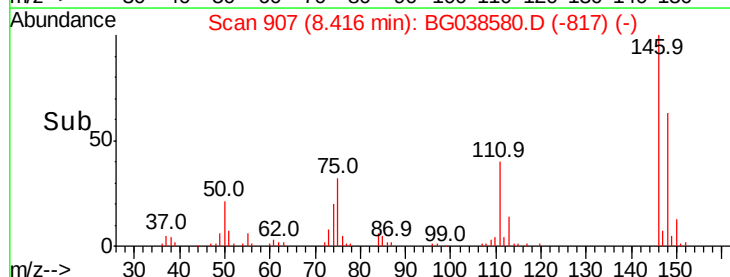
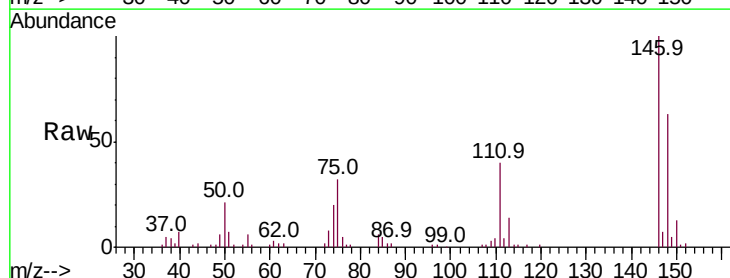
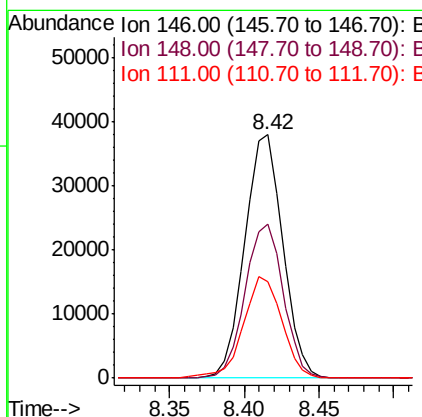
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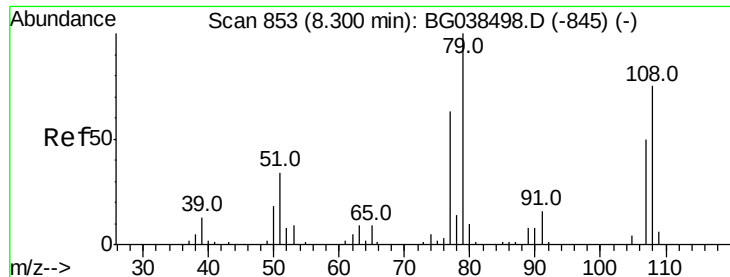
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#14
 1,2-Dichlorobenzene
 Concen: 38.432 ng
 RT: 8.42 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: BG038580.D
 Acq: 14 Dec 2018 23:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	49.4	74.0
111	39.7	33.8	50.6





#15

Benzyl Alcohol

Concen: 40.982 ng

RT: 8.30 min Scan# 888

Delta R.T. 0.00 min

Lab File: BG038580.D

Acq: 14 Dec 2018 23:04

Instrument :

BNA_G

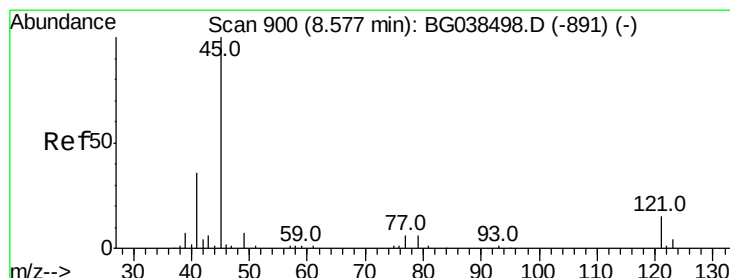
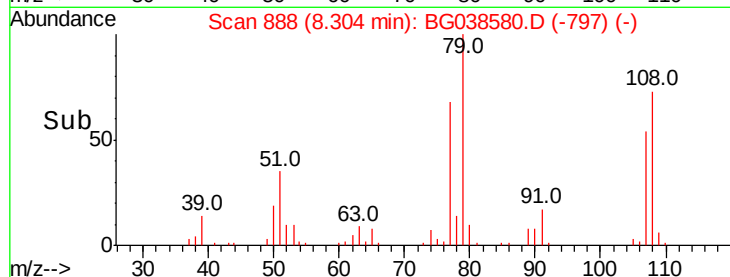
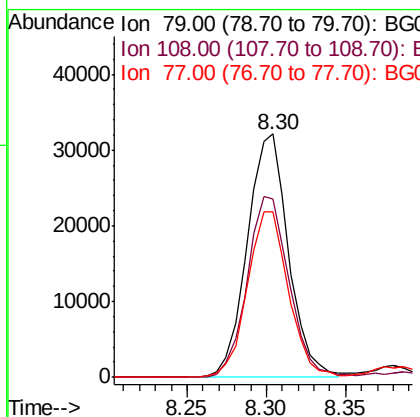
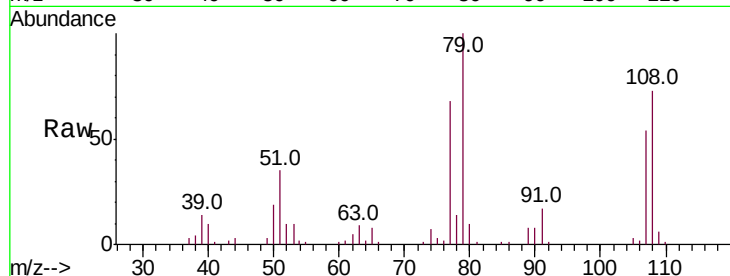
ClientSampleId :

PB115428BS

Tot Ion:	79	Resp:	57973
Ion Ratio	Lower	Upper	
79	100		
108	73.1	60.2	90.4
77	67.9	50.7	76.1

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#16

2,2'-oxybis(1-chloropropane)

Concen: 37.538 ng

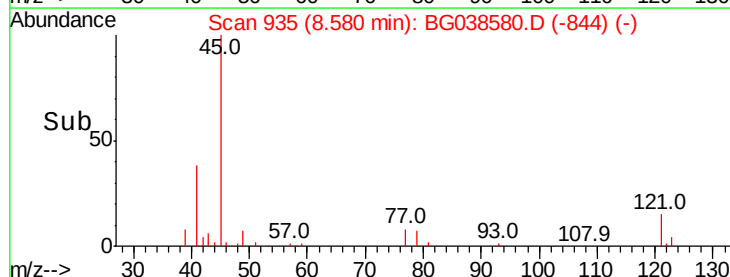
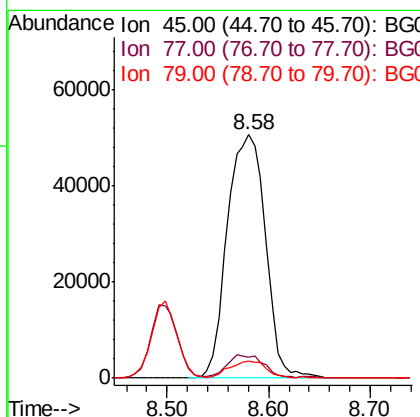
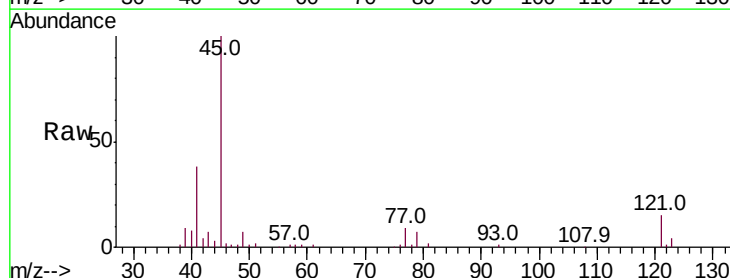
RT: 8.58 min Scan# 935

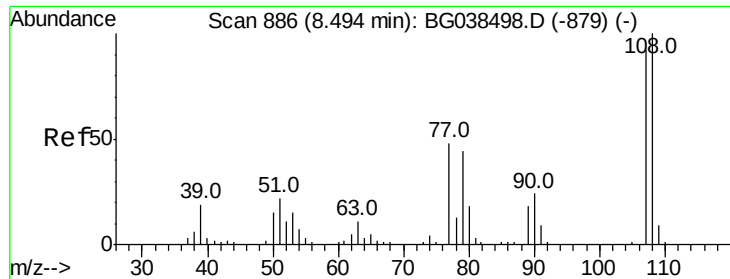
Delta R.T. 0.00 min

Lab File: BG038580.D

Acq: 14 Dec 2018 23:04

Tgt Ion:	45	Resp:	131818
Ion Ratio	Lower	Upper	
45	100		
77	8.6	0.0	28.2
79	7.1	0.0	27.2





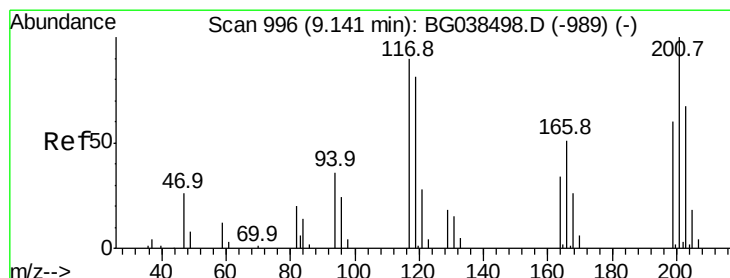
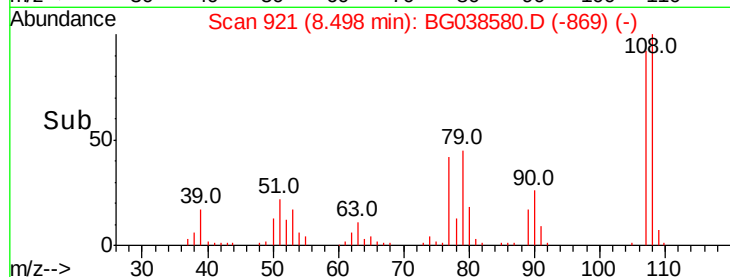
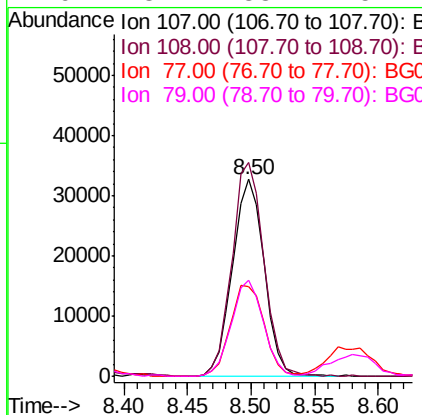
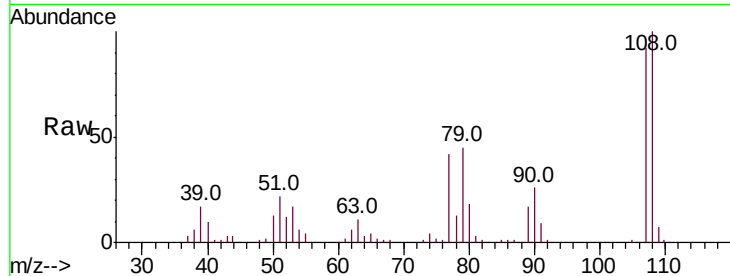
#17
2-Methylphenol
Concen: 43.942 ng
RT: 8.50 min Scan# 921
Delta R.T. 0.00 min
Lab File: BG038580.D
Acq: 14 Dec 2018 23:04

Instrument :
BNA_G
ClientSampled :
PB115428BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	108.5	87.1	130.7
77	45.8	42.0	63.0
79	48.7	38.2	57.2

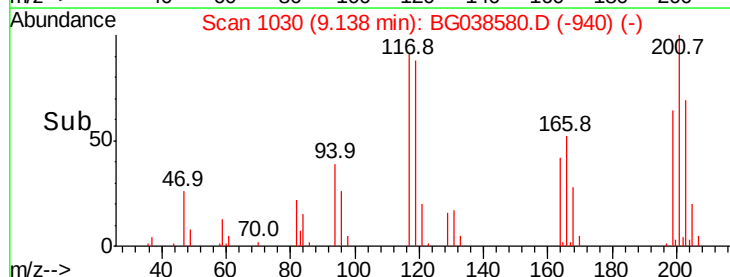
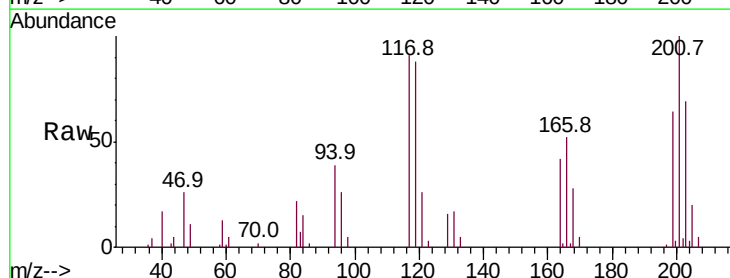
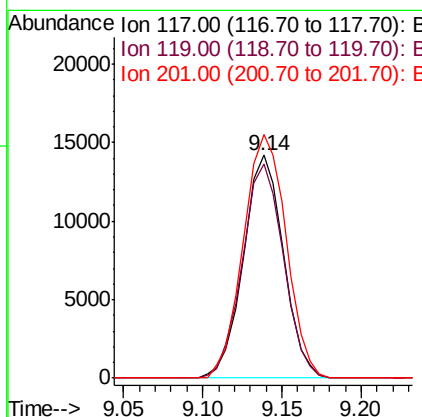
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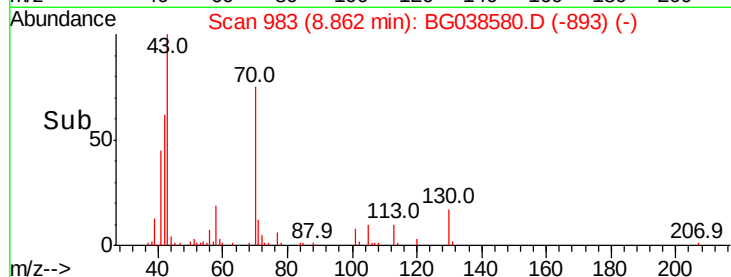
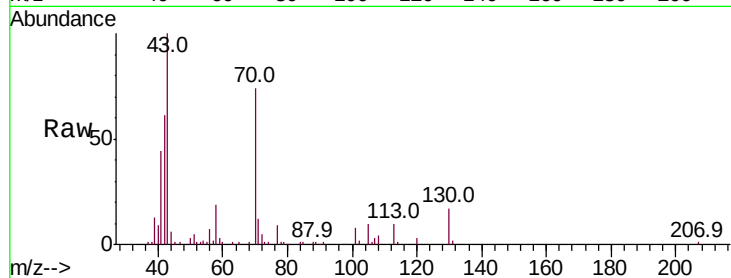
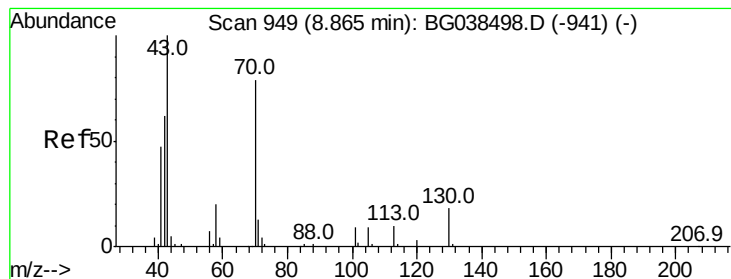
Sohil
12/17/2018 4:11:52 PM



#18
Hexachloroethane
Concen: 37.026 ng
RT: 9.14 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BG038580.D
Acq: 14 Dec 2018 23:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.0	73.8	110.8
201	109.3	89.4	134.0





#19

n-Nitroso-di-n-propylamine

Concen: 36.883 ng

RT: 8.86 min Scan# 983

Delta R.T. -0.00 min

Lab File: BG038580.D

Acq: 14 Dec 2018 23:04

Instrument :

BNA_G

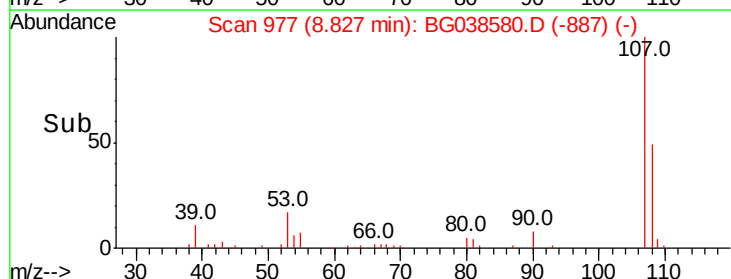
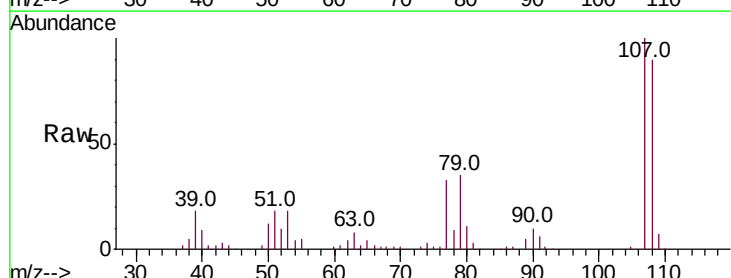
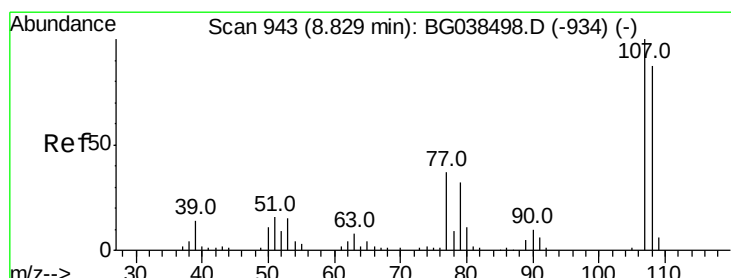
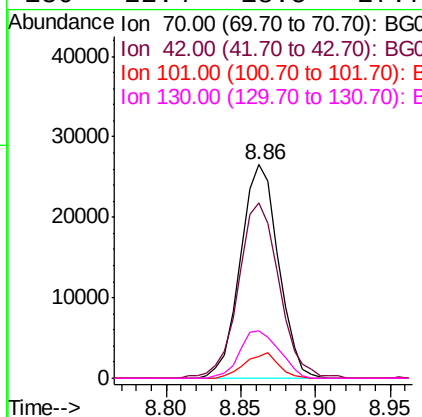
ClientSampleId :

PB115428BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	81.9	63.6	95.4	
101	10.1	9.2	13.8	
130	22.4	18.5	27.7	

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#20

3+4-Methylphenols

Concen: 42.216 ng

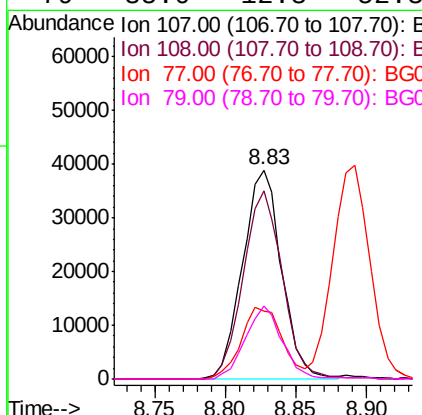
RT: 8.83 min Scan# 977

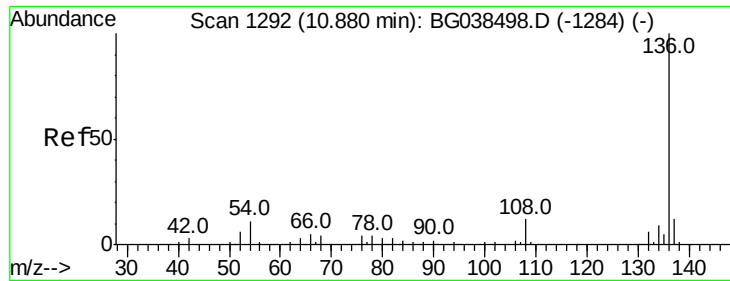
Delta R.T. -0.00 min

Lab File: BG038580.D

Acq: 14 Dec 2018 23:04

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.1	66.7	106.7	
77	32.8	17.3	57.3	
79	35.0	12.3	52.3	





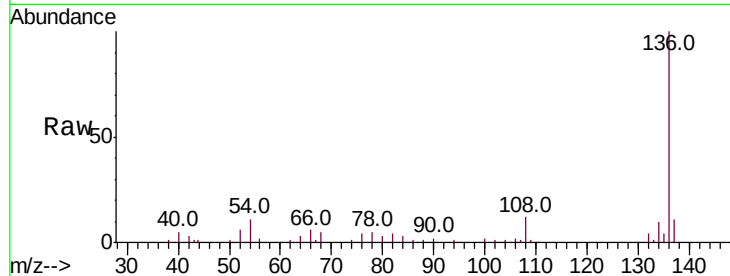
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038580.D
Acq: 14 Dec 2018 23:04

Instrument :
BNA_G
ClientSampleId :
PB115428BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.5	9.3	13.9	
54	10.7	8.5	12.7	
68	5.0	3.5	5.3	

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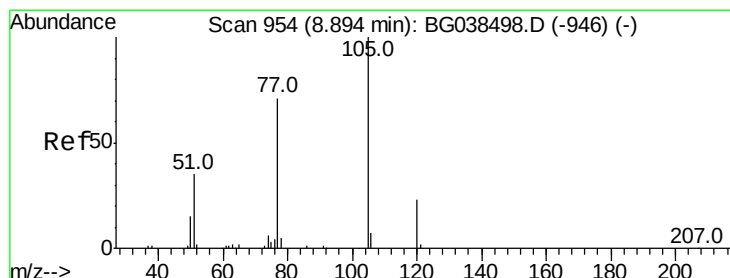
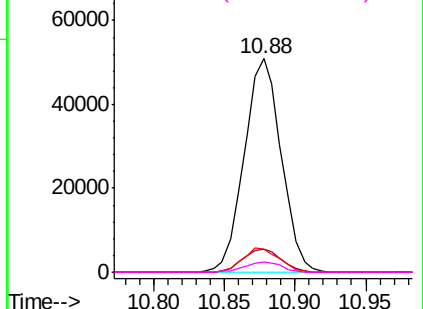
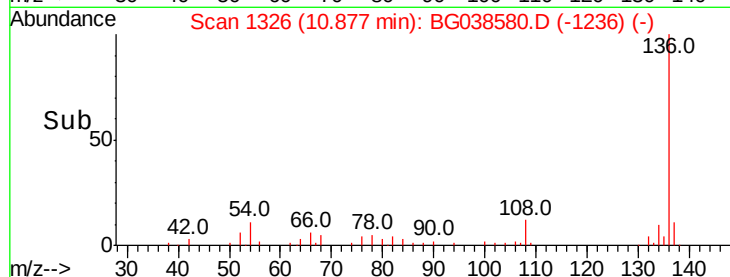
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

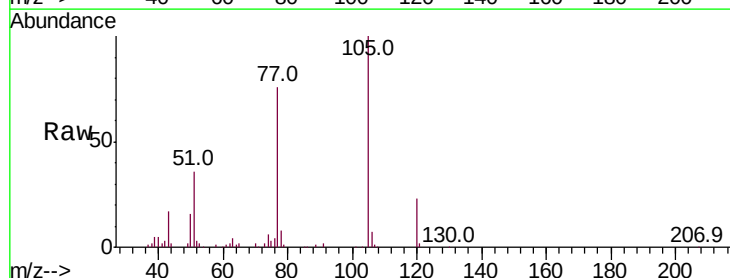
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 40.360 ng
RT: 8.89 min Scan# 988
Delta R.T. -0.00 min
Lab File: BG038580.D
Acq: 14 Dec 2018 23:04

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.4	0.4	0.6#	
51	35.9	30.6	46.0	
120	23.4	18.6	28.0	



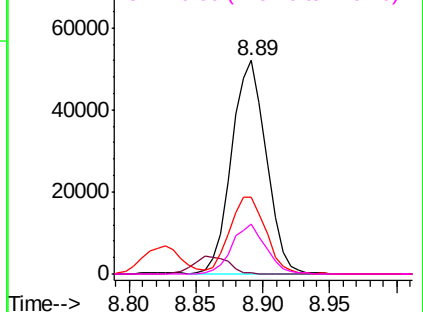
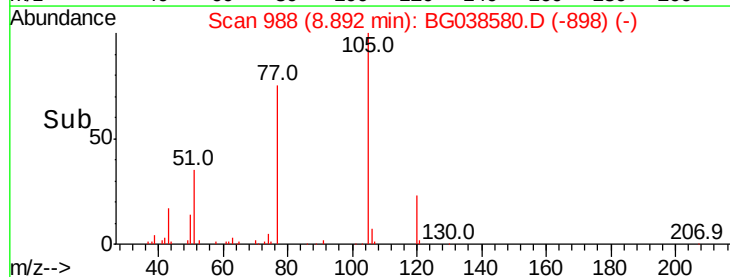
Abundance

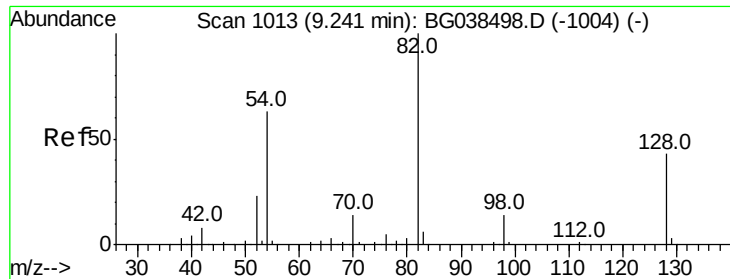
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





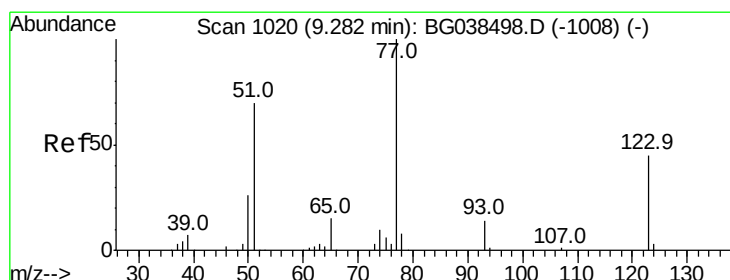
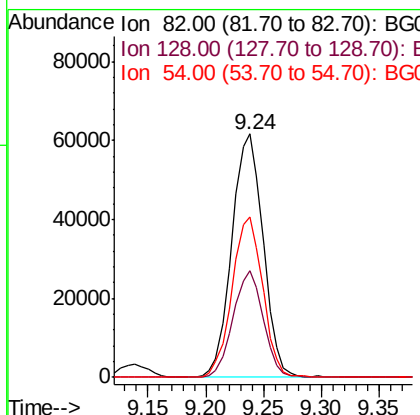
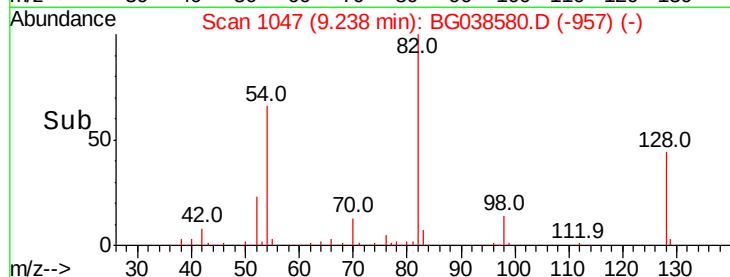
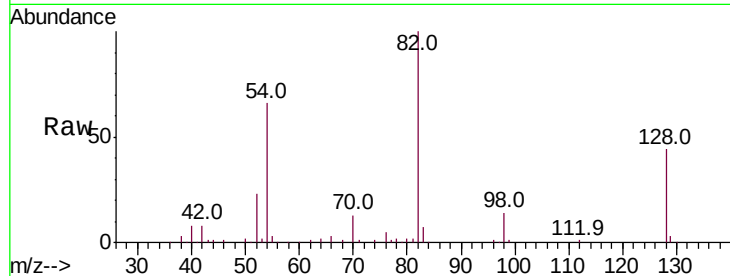
#23
 Nitrobenzene-d5
 Concen: 63.193 ng
 RT: 9.24 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: BG038580.D
 Acq: 14 Dec 2018 23:04

Instrument :
 BNA_G
 ClientSampleId :
 PB115428BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.7	34.6	52.0	
54	65.8	50.6	76.0	

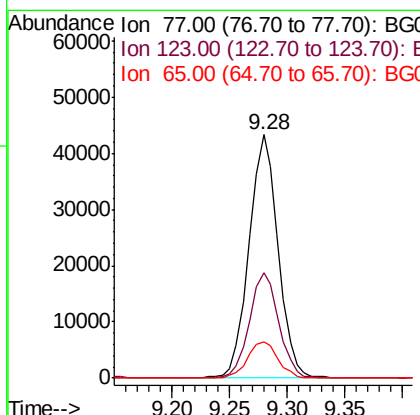
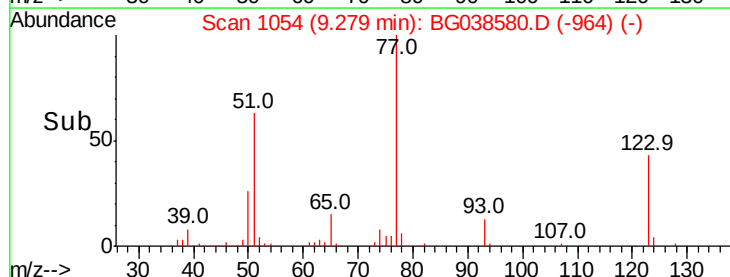
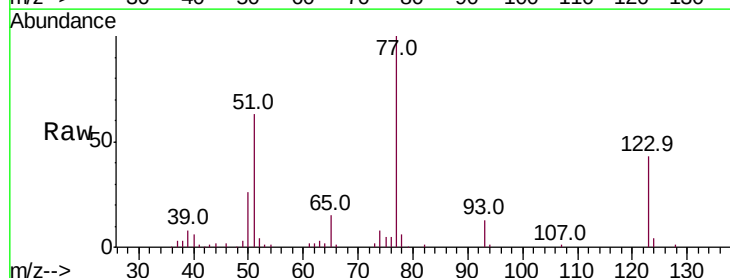
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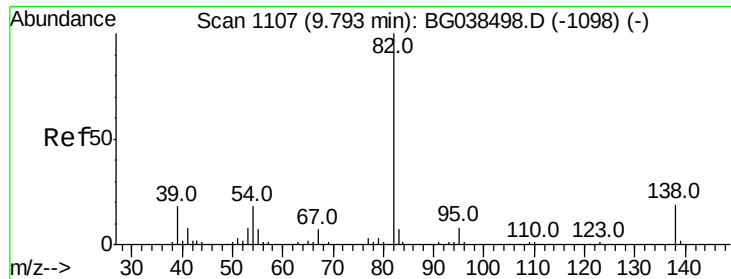
Sohil
 12/17/2018 4:11:52 PM



#24
 Nitrobenzene
 Concen: 40.977 ng
 RT: 9.28 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: BG038580.D
 Acq: 14 Dec 2018 23:04

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	43.1	35.9	53.9	
65	14.8	12.0	18.0	





#25

Isophorone

Concen: 40.924 ng

RT: 9.79 min Scan# 1141

Delta R.T. -0.00 min

Lab File: BG038580.D

Acq: 14 Dec 2018 23:04

Instrument :

BNA_G

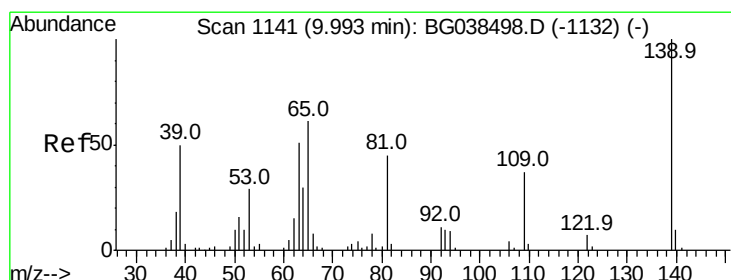
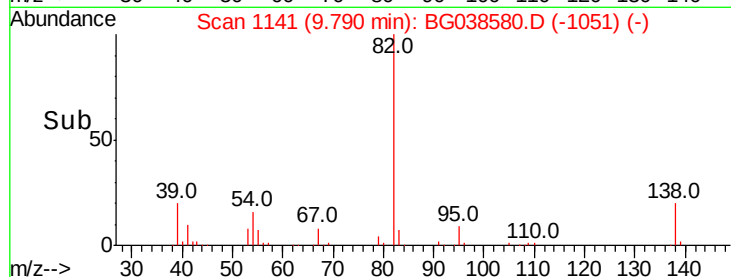
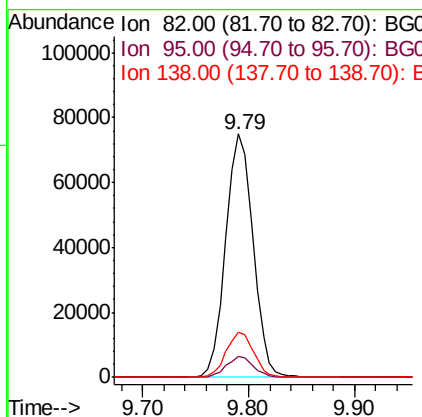
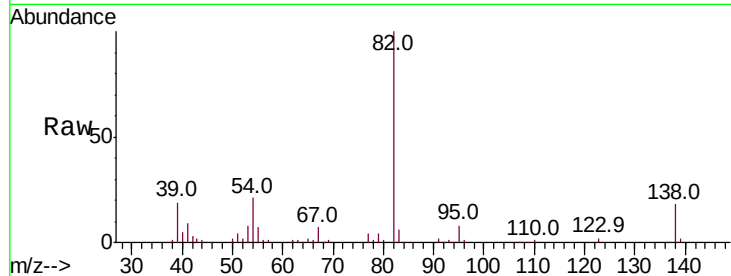
ClientSampleId :

PB115428BS

Tot Ion:	82	Resp:	134584
Ion Ratio	Lower	Upper	
82	100		
95	8.5	6.1	9.1
138	18.3	14.9	22.3

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#26

2-Nitrophenol

Concen: 38.342 ng

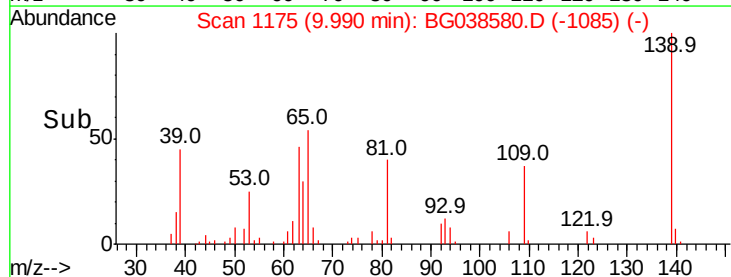
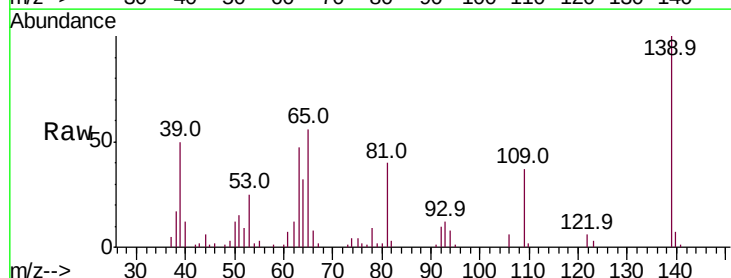
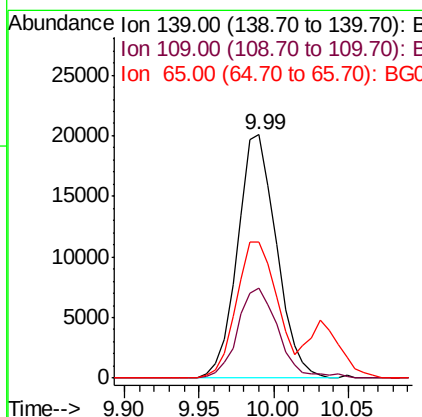
RT: 9.99 min Scan# 1175

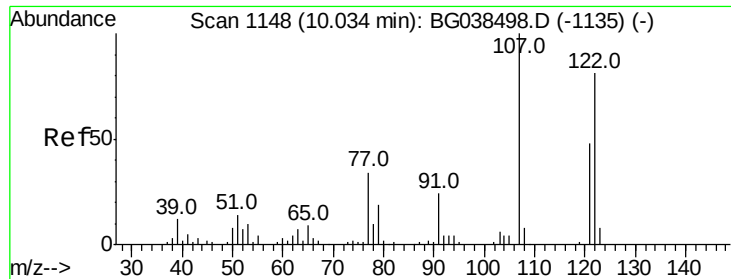
Delta R.T. -0.00 min

Lab File: BG038580.D

Acq: 14 Dec 2018 23:04

Tgt Ion:	139	Resp:	36337
Ion Ratio	Lower	Upper	
139	100		
109	36.7	29.5	44.3
65	56.0	48.5	72.7





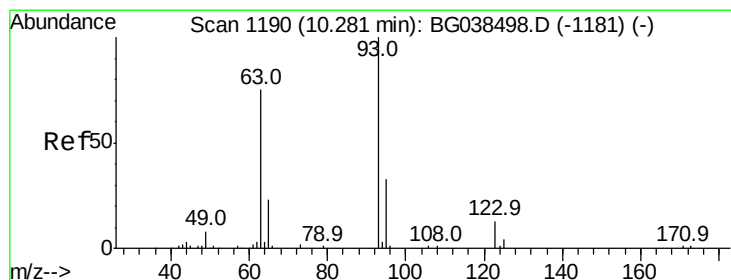
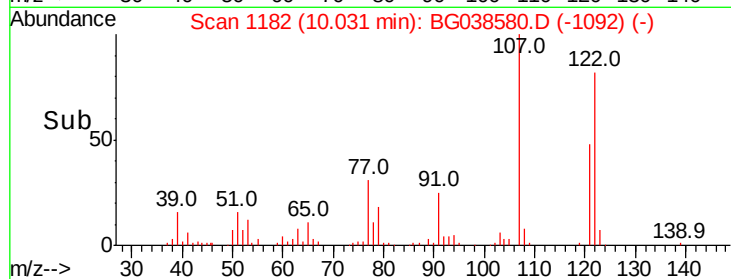
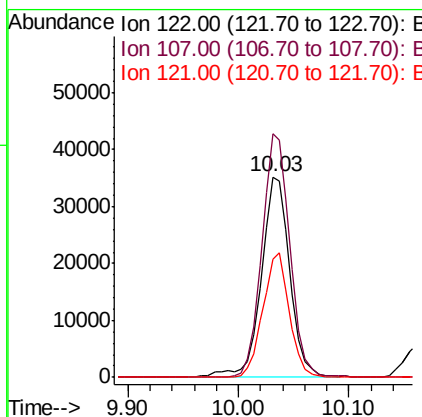
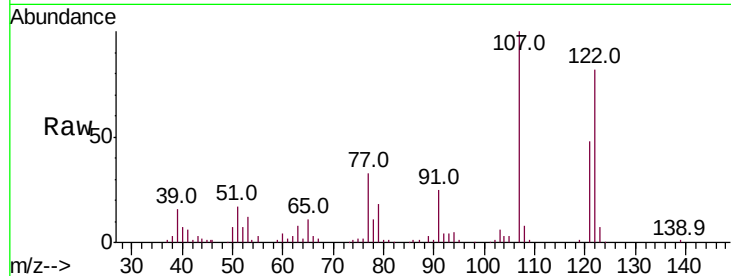
#27
2,4-Dimethylphenol
Concen: 46.787 ng
RT: 10.03 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BG038580.D
Acq: 14 Dec 2018 23:04

Instrument :
BNA_G
ClientSampled :
PB115428BS

Tot Ion:122 Resp: 63547
Ion Ratio Lower Upper
122 100
107 121.4 98.4 147.6
121 58.8 47.2 70.8

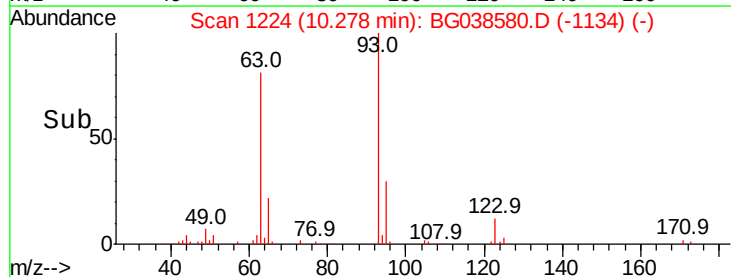
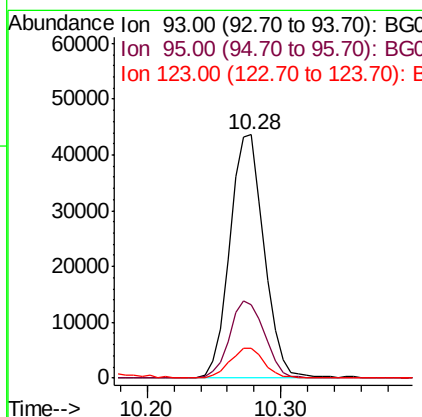
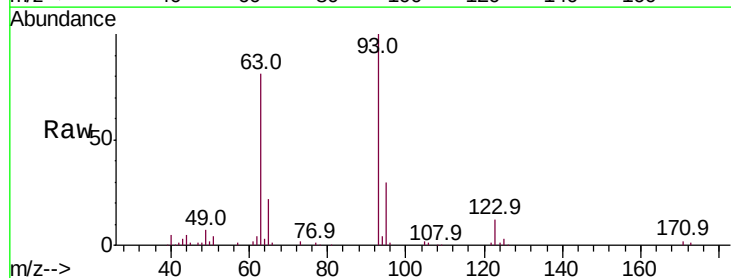
Manual Integrations
APPROVED

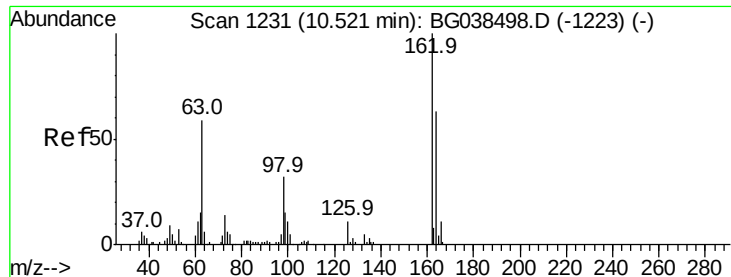
Sohil
12/17/2018 4:11:52 PM



#28
bis(2-Chloroethoxy)methane
Concen: 41.911 ng
RT: 10.28 min Scan# 1224
Delta R.T. -0.00 min
Lab File: BG038580.D
Acq: 14 Dec 2018 23:04

Tgt Ion: 93 Resp: 77782
Ion Ratio Lower Upper
93 100
95 30.2 26.6 40.0
123 12.3 10.6 16.0





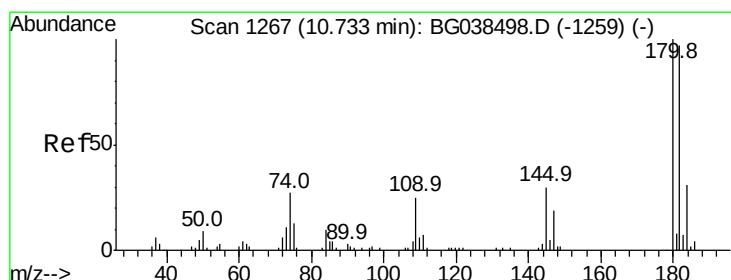
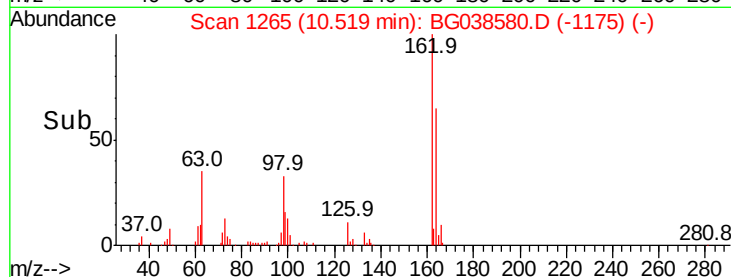
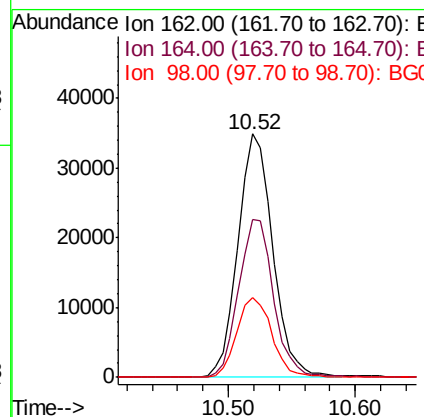
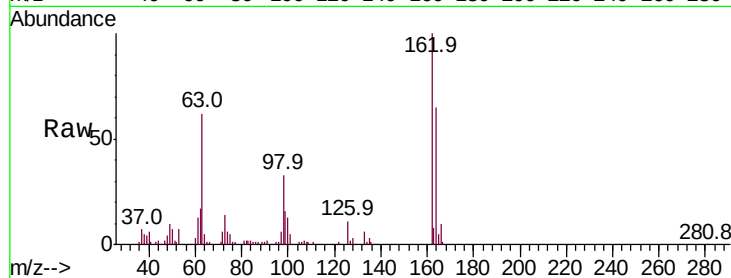
#29
2,4-Dichlorophenol
Concen: 43.985 ng
RT: 10.52 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BG038580.D
Acq: 14 Dec 2018 23:04

Instrument :
BNA_G
ClientSampleId :
PB115428BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	42.9	82.9
98	32.7	12.1	52.1

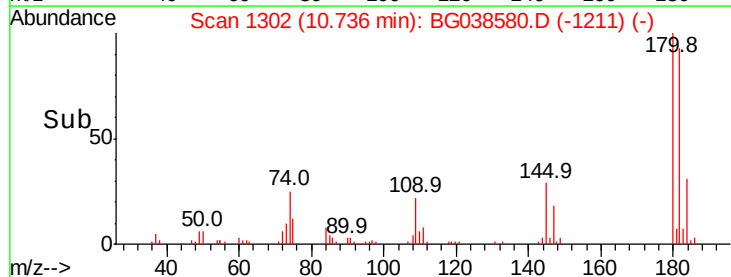
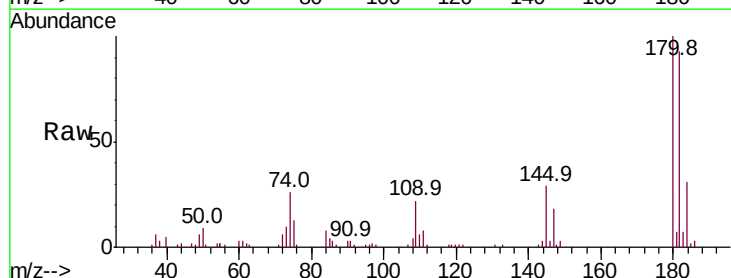
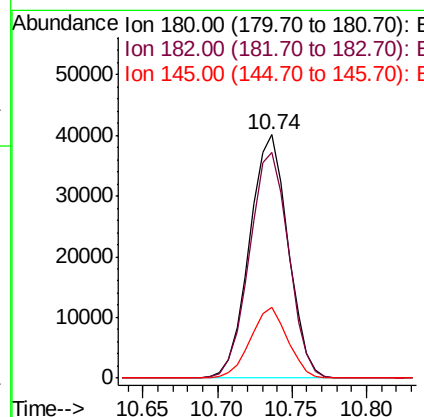
Manual Integrations
APPROVED

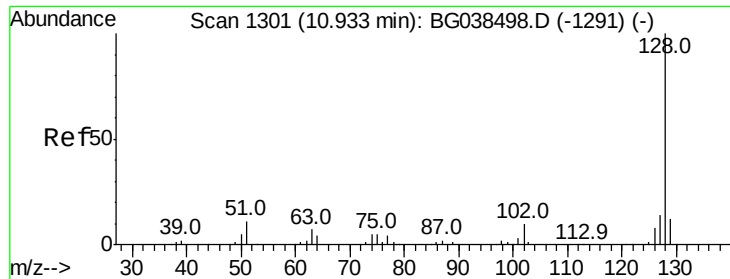
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 39.225 ng
RT: 10.74 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BG038580.D
Acq: 14 Dec 2018 23:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.6	77.4	116.0
145	29.2	24.1	36.1





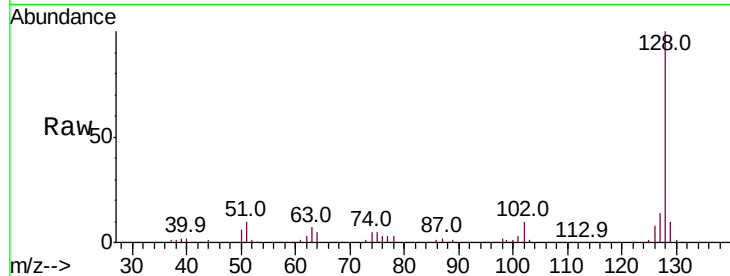
#31
Naphthalene
Concen: 42.972 ng
RT: 10.93 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BG038580.D
Acq: 14 Dec 2018 23:04

Instrument :
BNA_G
ClientSampleId :
PB115428BS

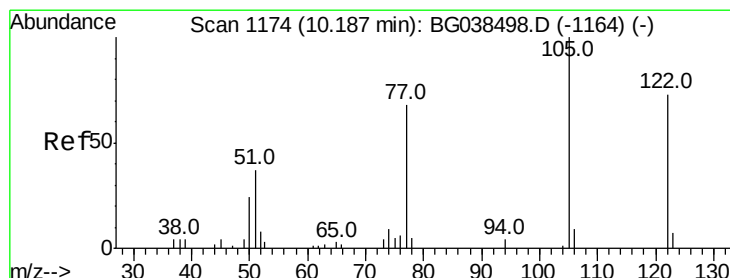
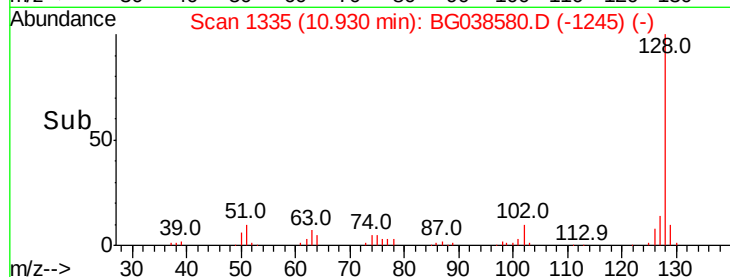
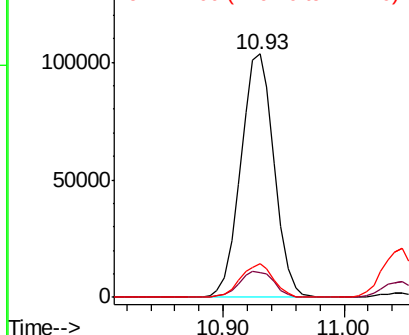
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.0	9.5	14.3
127	13.6	10.9	16.3

Manual Integrations
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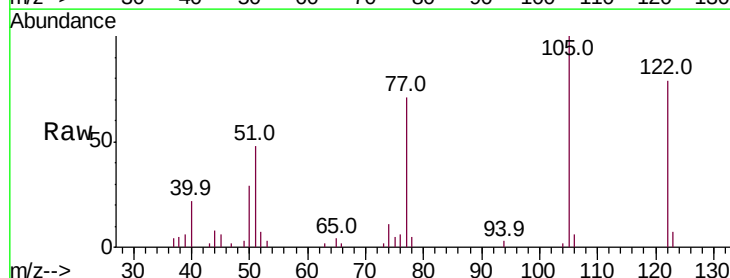


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

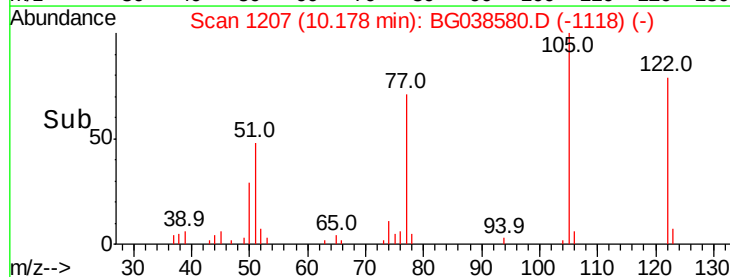
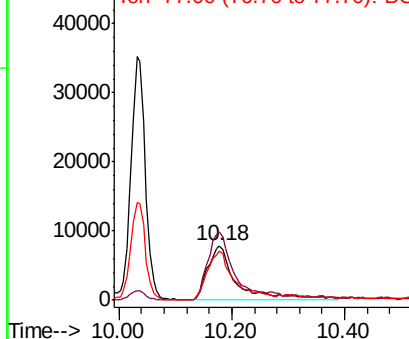


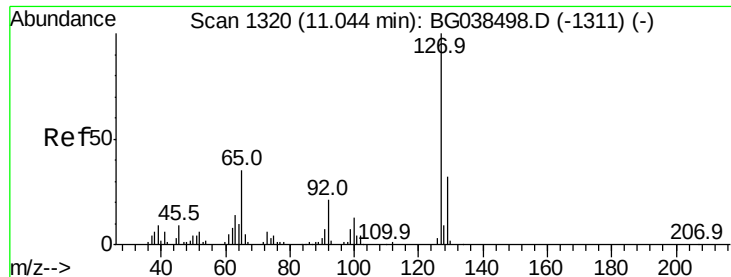
#32
Benzoic acid
Concen: 36.488 ng m
RT: 10.18 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BG038580.D
Acq: 14 Dec 2018 23:04

Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.2	116.7	156.7
77	89.5	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





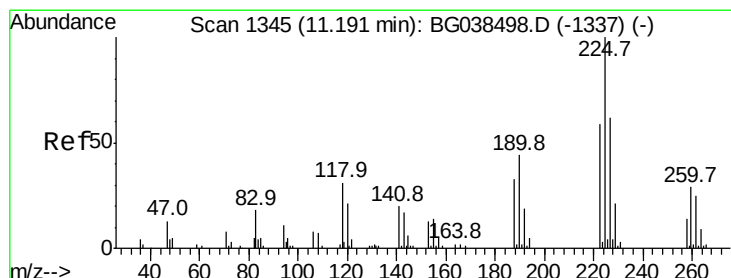
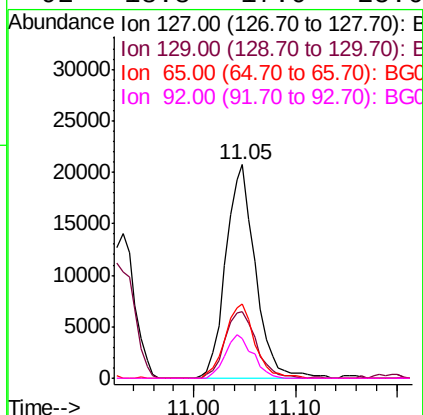
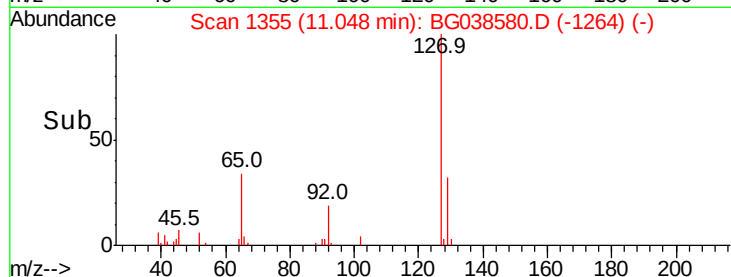
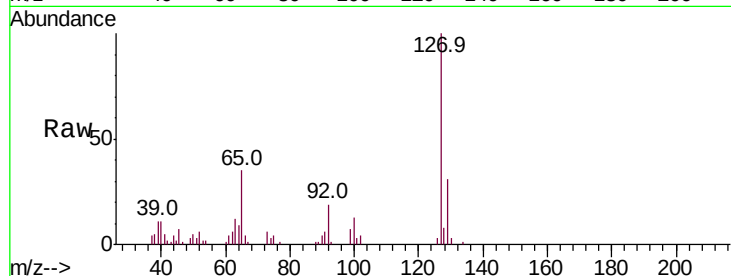
#33
4-Chloroaniline
Concen: 20.964 ng
RT: 11.05 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BG038580.D
Acq: 14 Dec 2018 23:04

Instrument :
BNA_G
ClientSampleId :
PB115428BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.1	25.8	38.8	
65	34.9	27.8	41.6	
92	18.8	17.0	25.6	

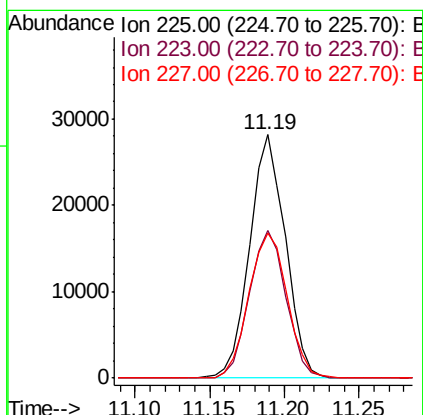
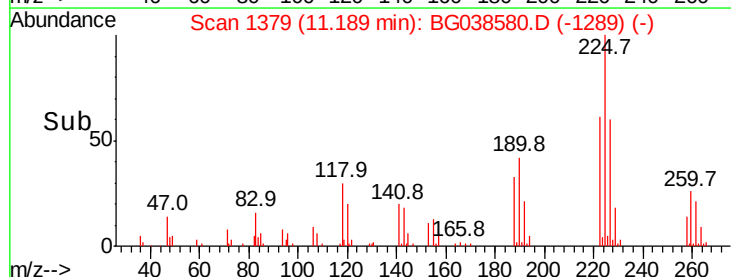
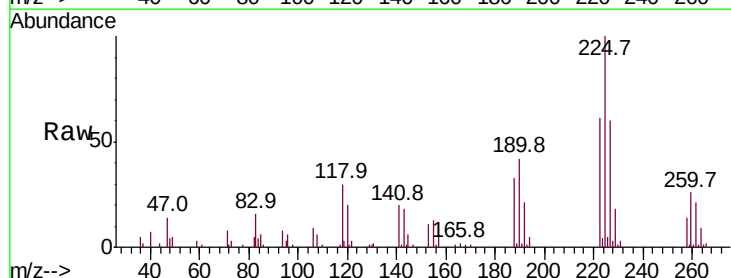
Manual Integrations
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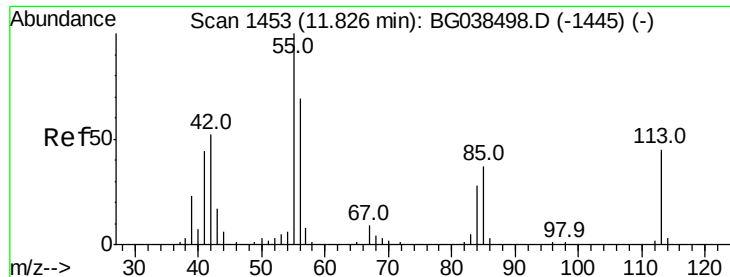
Sohil
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#34
Hexachlorobutadiene
Concen: 37.669 ng
RT: 11.19 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BG038580.D
Acq: 14 Dec 2018 23:04

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	57.8	45.0	67.6	
227	56.8	50.6	75.8	





#35

Caprolactam

Concen: 36.645 ng/mL

RT: 11.82 min Scan# 1487

Delta R.T. -0.00 min

Lab File: BG038580.D

Acq: 14 Dec 2018 23:04

Instrument :

BNA_G

ClientSampleId :

PB115428BS

Tot Ion:113 Resp: 22915

Ion Ratio Lower Upper

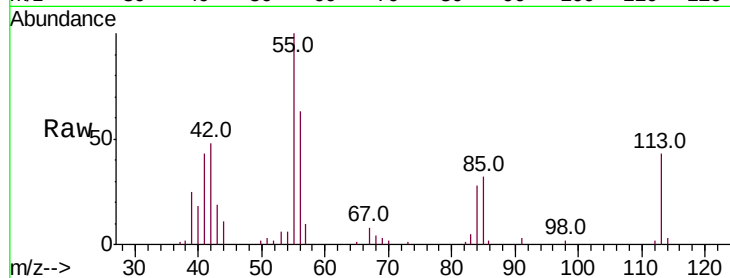
113 100

55 235.3 204.3 244.3

56 148.7 135.0 175.0

Manual Integrations
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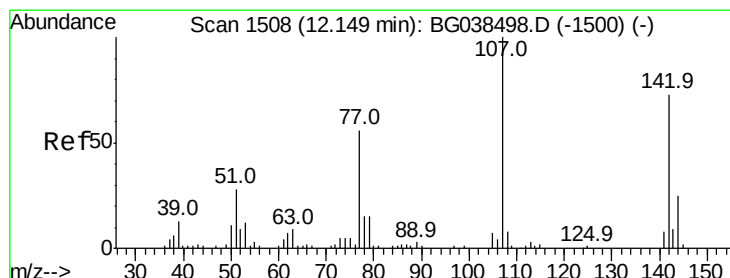
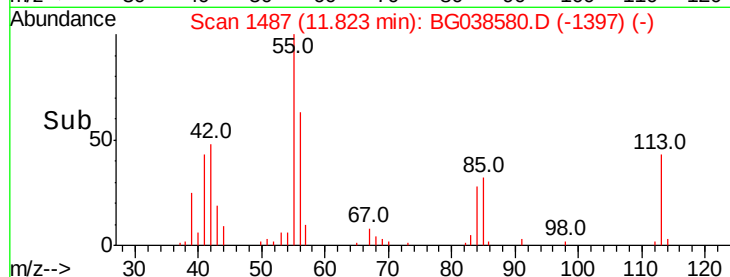
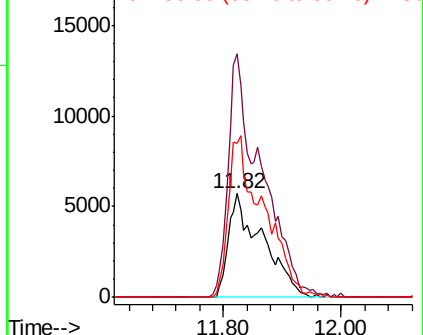
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 40.691 ng/mL

RT: 12.15 min Scan# 1543

Delta R.T. 0.00 min

Lab File: BG038580.D

Acq: 14 Dec 2018 23:04

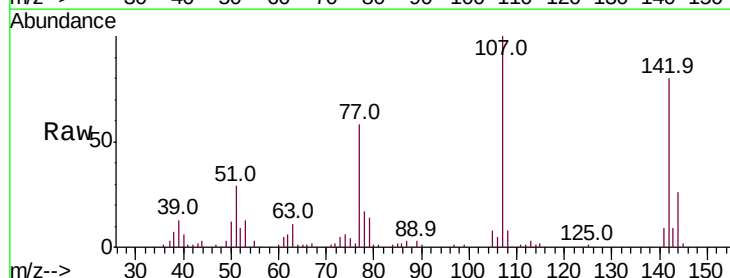
Tgt Ion:107 Resp: 70163

Ion Ratio Lower Upper

107 100

144 25.7 20.1 30.1

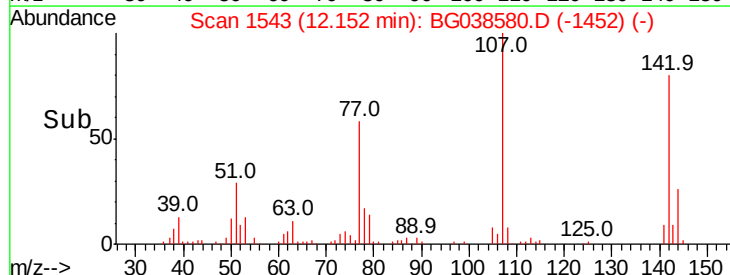
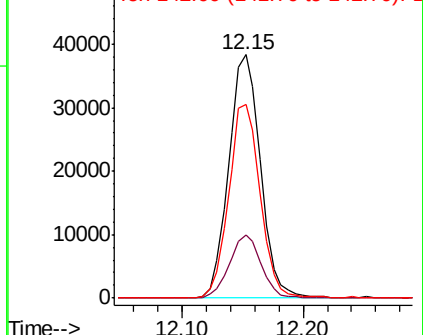
142 79.8 58.7 88.1

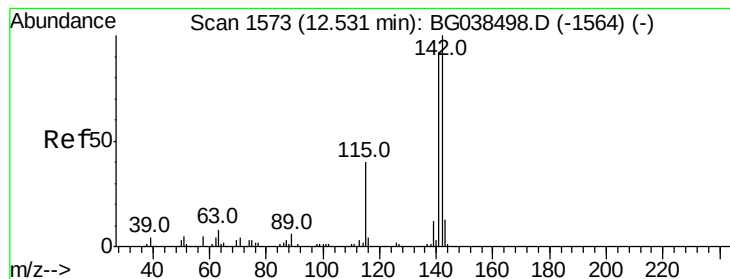


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





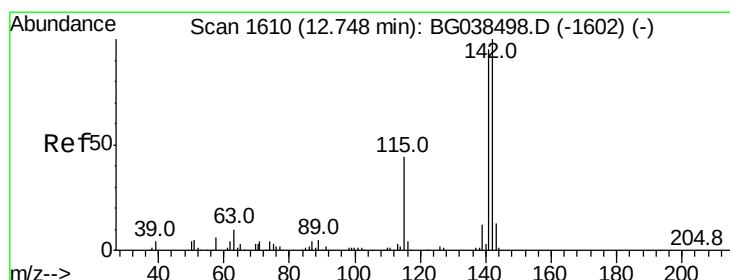
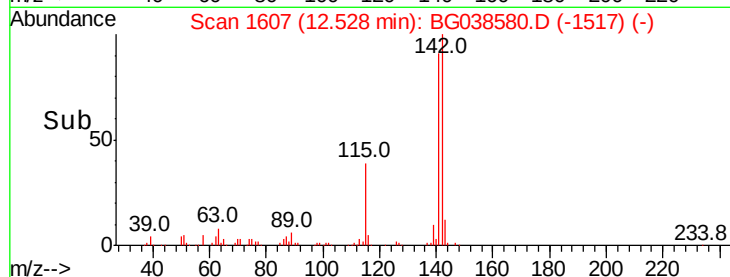
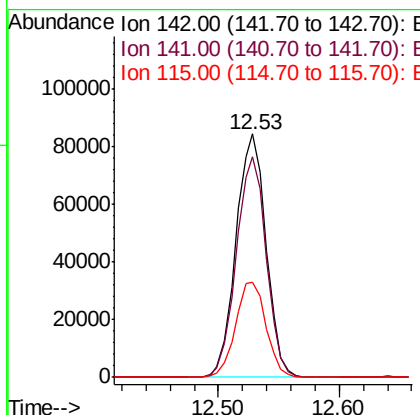
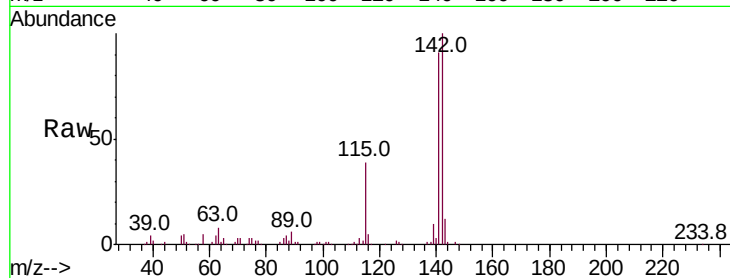
#37
2-Methylnaphthalene
Concen: 44.411 ng
RT: 12.53 min Scan# 1607
Delta R.T. -0.00 min
Lab File: BG038580.D
Acq: 14 Dec 2018 23:04

Instrument :
BNA_G
ClientSampleId :
PB115428BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	73.5	110.3
115	39.0	31.7	47.5

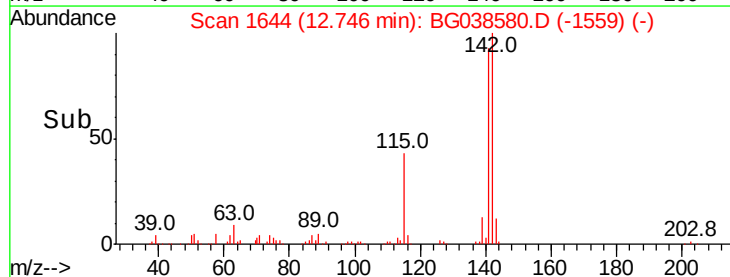
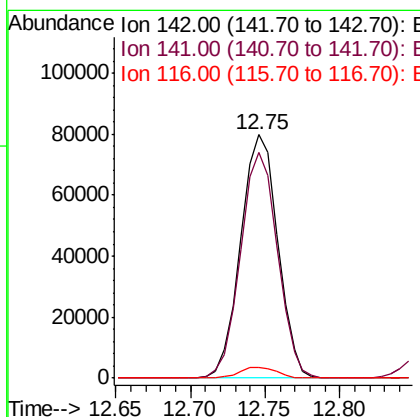
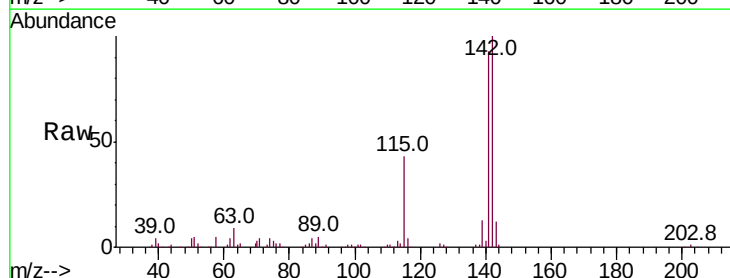
Manual Integrations
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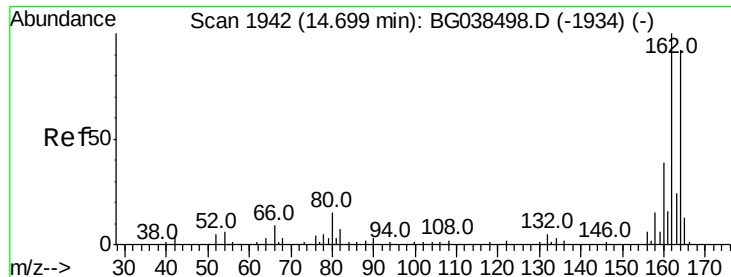
Sohil
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#38
1-Methylnaphthalene
Concen: 43.103 ng
RT: 12.75 min Scan# 1644
Delta R.T. -0.00 min
Lab File: BG038580.D
Acq: 14 Dec 2018 23:04

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.6	75.8	113.8
116	4.5	3.6	5.4





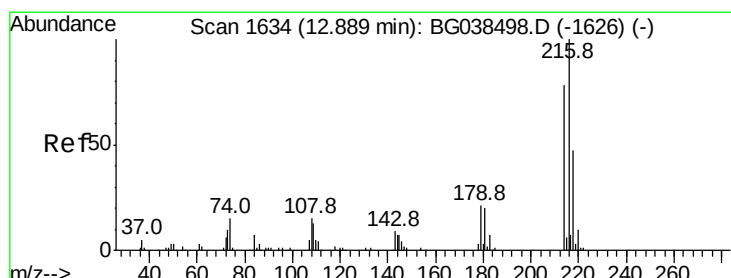
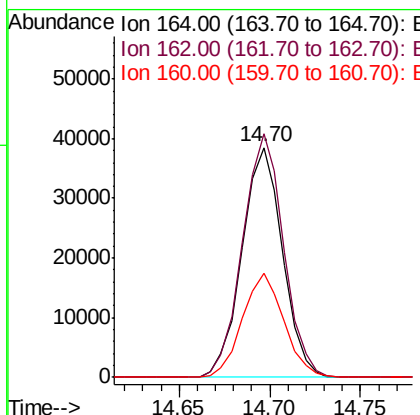
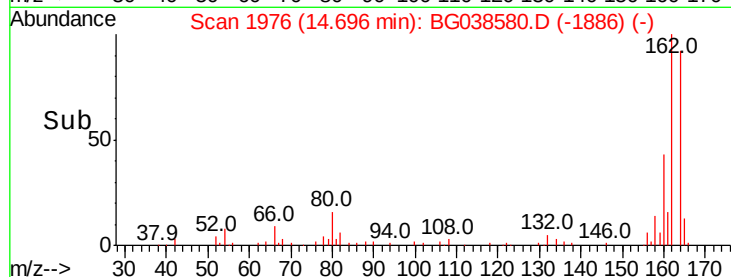
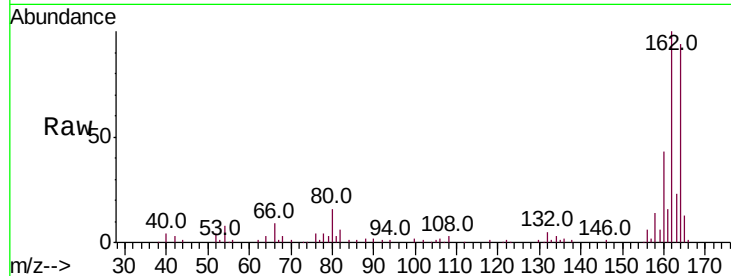
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG038580.D
Acq: 14 Dec 2018 23:04

Instrument :
BNA_G
ClientSampleId :
PB115428BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.8	86.6	130.0
160	45.1	34.2	51.2

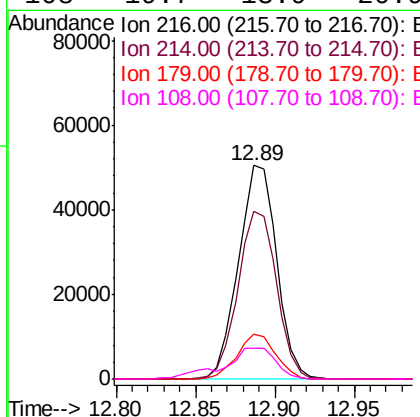
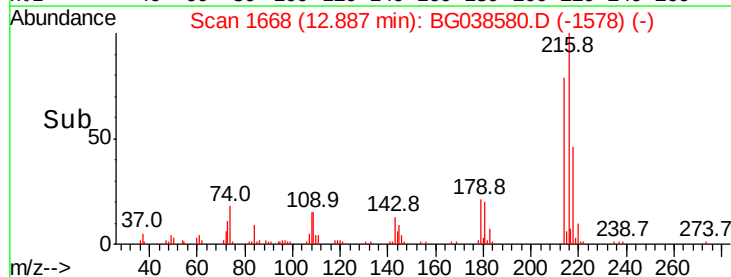
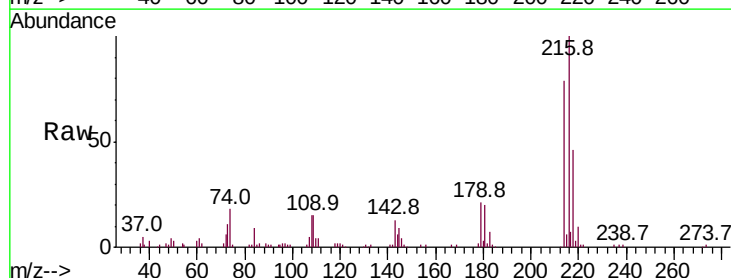
Manual Integrations
APPROVED

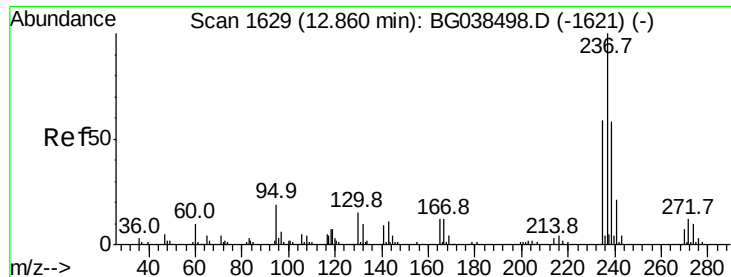
Sohil
12/17/2018 4:11:52 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.621 ng
RT: 12.89 min Scan# 1668
Delta R.T. -0.00 min
Lab File: BG038580.D
Acq: 14 Dec 2018 23:04

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.5	64.1	96.1
179	21.0	16.4	24.6
108	19.7	13.9	20.9





#41

Hexachlorocyclopentadiene

Concen: 92.489 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BG038580.D

Acq: 14 Dec 2018 23:04

Instrument :

BNA_G

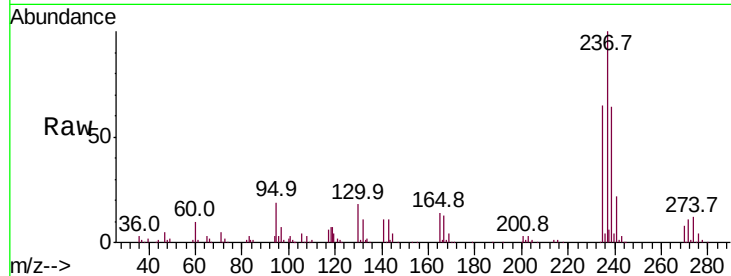
ClientSampleId :

PB115428BS

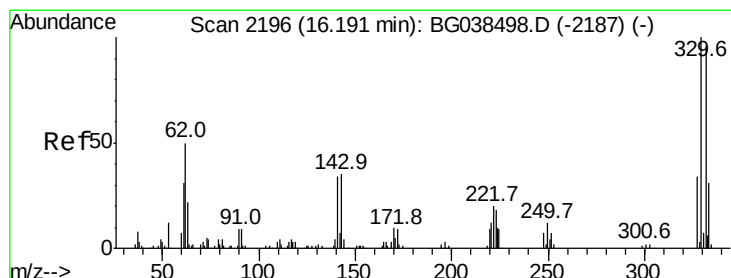
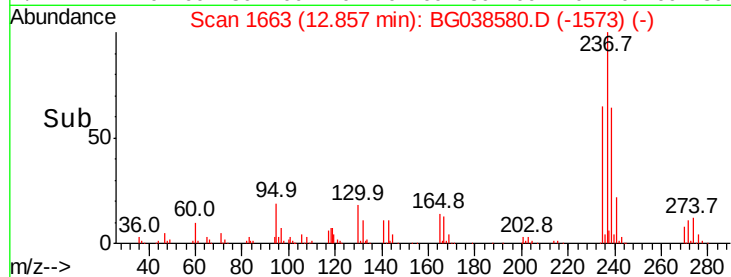
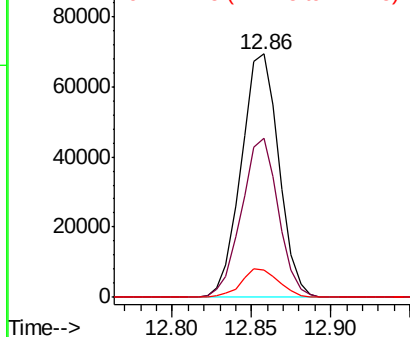
Tot Ion:	237	Resp:	113978
Ion Ratio	Lower	Upper	
237	100		
235	65.2	38.8	78.8
272	11.3	0.0	32.0

Manual Integrations
APPROVED

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12/17/2018 4:11:52 PM



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: 124.700 ng

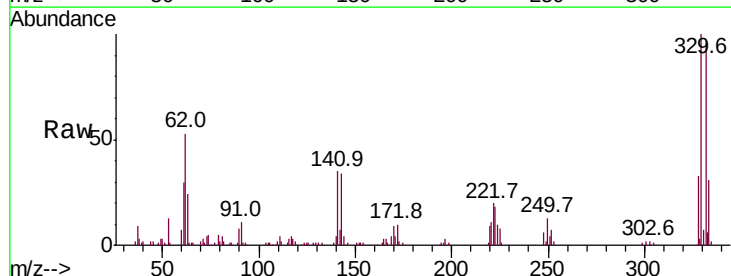
RT: 16.19 min Scan# 2230

Delta R.T. -0.00 min

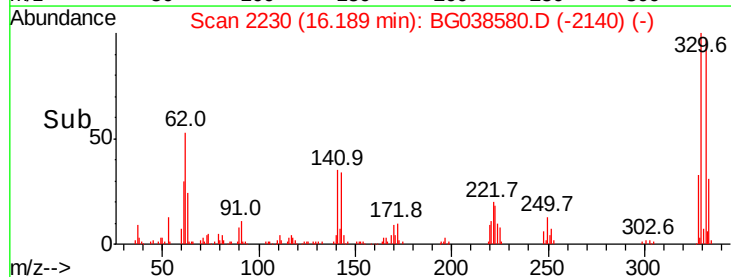
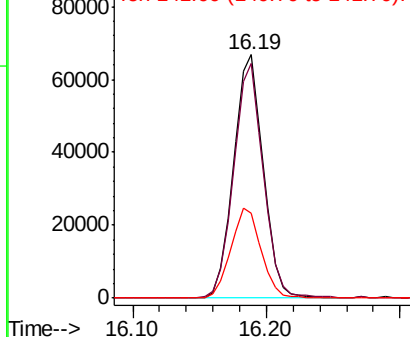
Lab File: BG038580.D

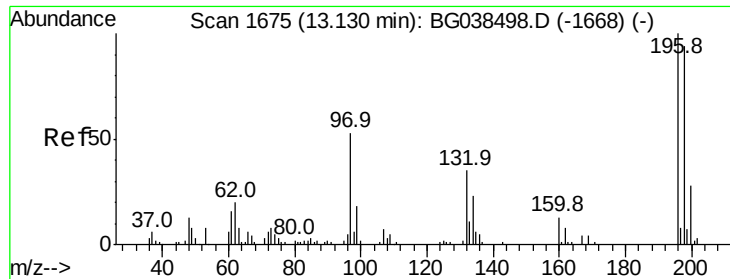
Acq: 14 Dec 2018 23:04

Tgt Ion:	330	Resp:	103129
Ion Ratio	Lower	Upper	
330	100		
332	96.5	76.9	115.3
141	37.5	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





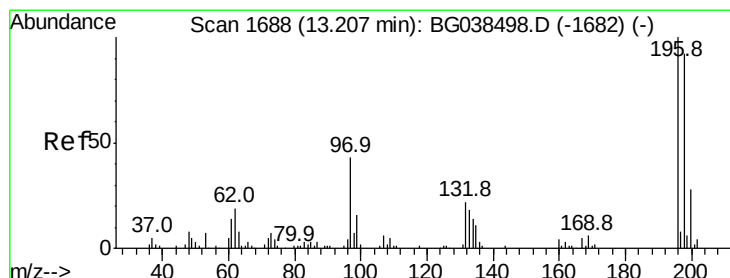
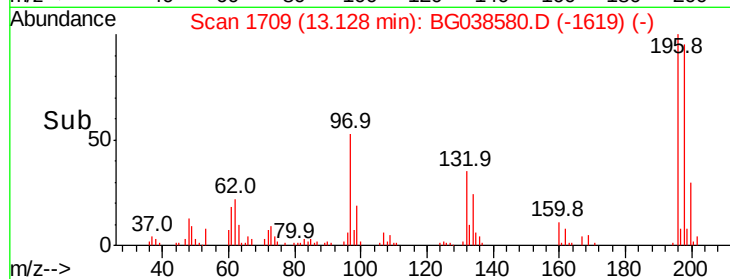
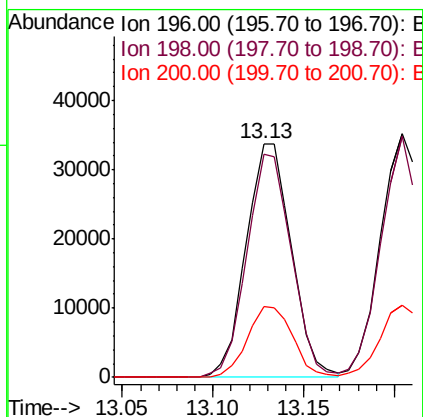
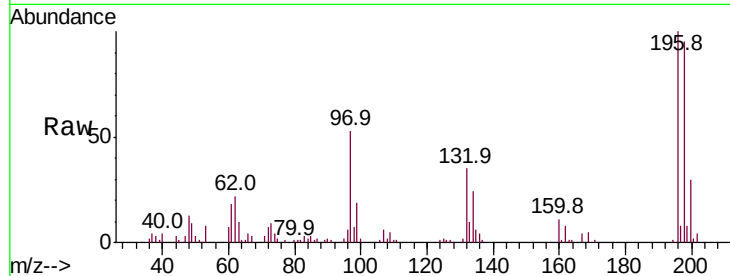
#43
 2,4,6-Trichlorophenol
 Concen: 42.428 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG038580.D
 Acq: 14 Dec 2018 23:04

Instrument :
 BNA_G
 ClientSampleId :
 PB115428BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	58516		
198	95.3	75.0	112.4	
200	32.2	22.4	33.6	

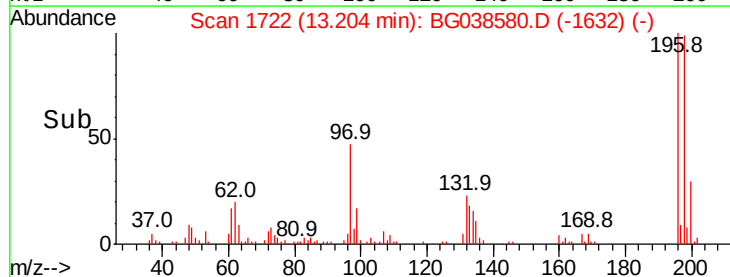
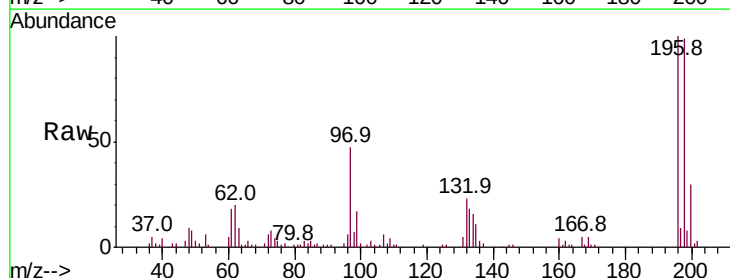
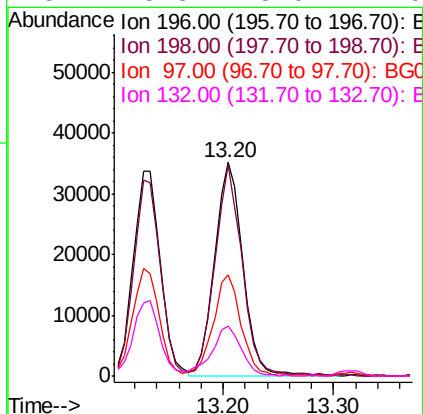
Manual Integrations
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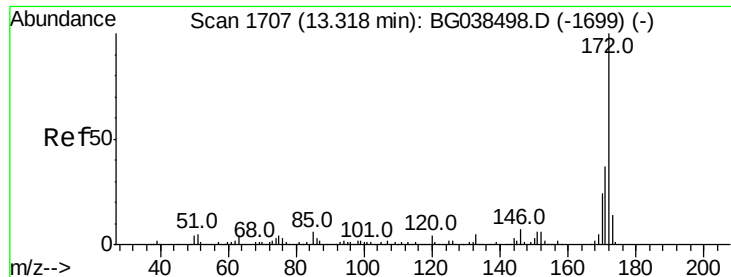
Sohil
 12/17/2018 4:11:52 PM



#44
 2,4,5-Trichlorophenol
 Concen: 42.896 ng
 RT: 13.20 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: BG038580.D
 Acq: 14 Dec 2018 23:04

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	62639		
198	99.0	74.0	111.0	
97	47.3	35.1	52.7	
132	23.3	18.0	27.0	





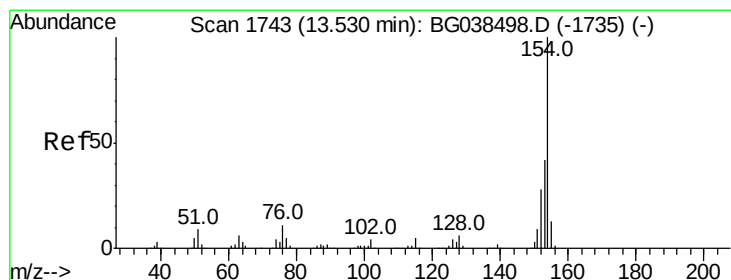
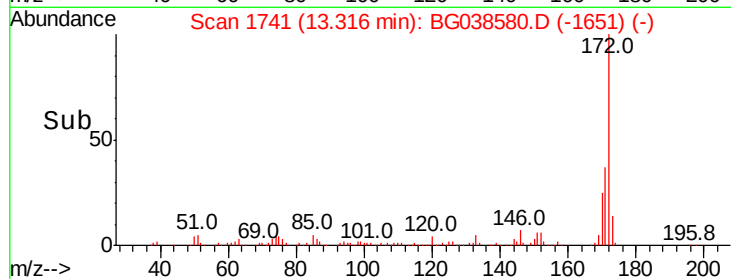
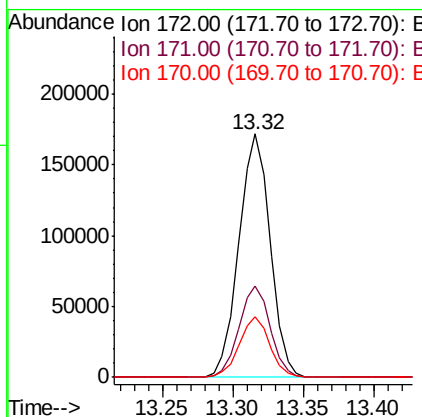
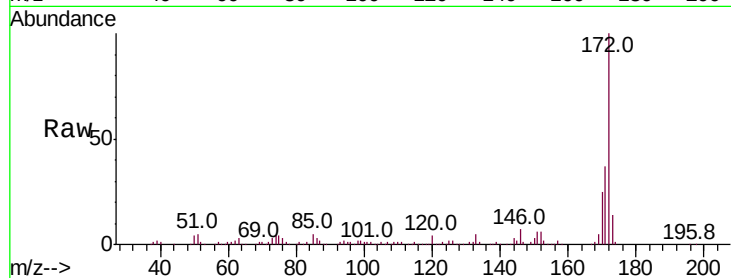
#45
2-Fluorobiphenyl
Concen: 60.855 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.00 min
Lab File: BG038580.D
Acq: 14 Dec 2018 23:04

Instrument :
BNA_G
ClientSampleId :
PB115428BS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	266195		
171	37.4	29.8	44.6	
170	24.7	19.5	29.3	

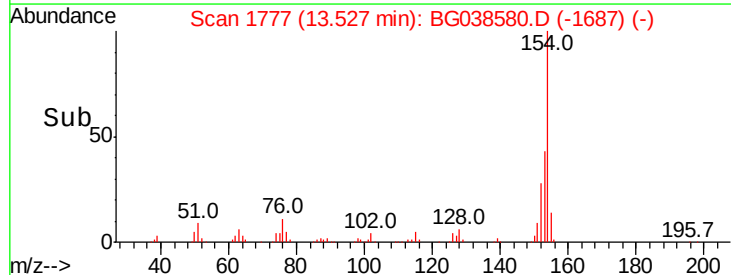
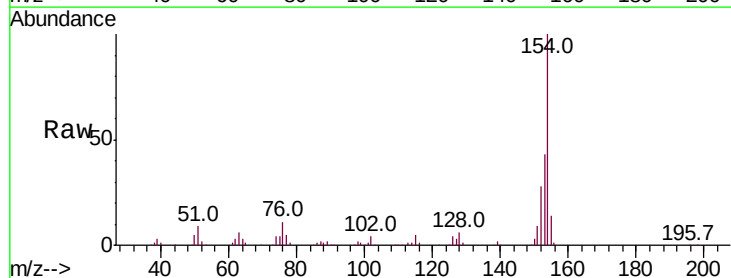
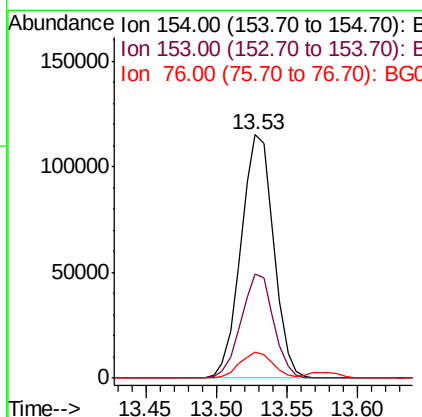
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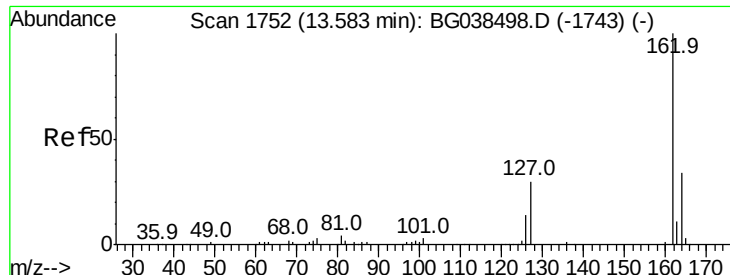
Sohil
12/17/2018 4:11:52 PM



#46
1,1'-Biphenyl
Concen: 37.006 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.00 min
Lab File: BG038580.D
Acq: 14 Dec 2018 23:04

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	186164		
153	42.9	22.1	62.1	
76	10.7	0.0	31.2	





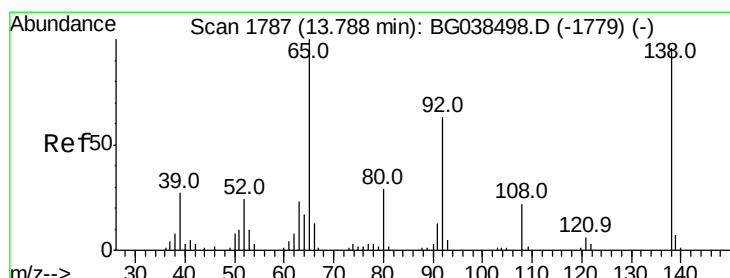
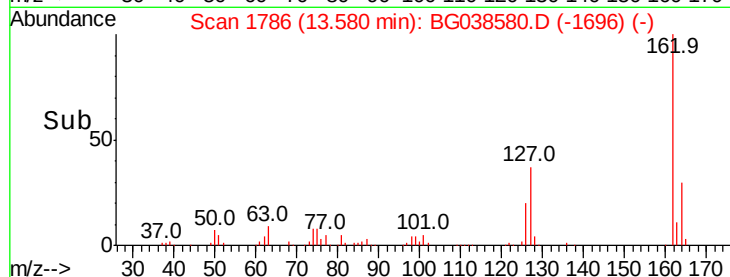
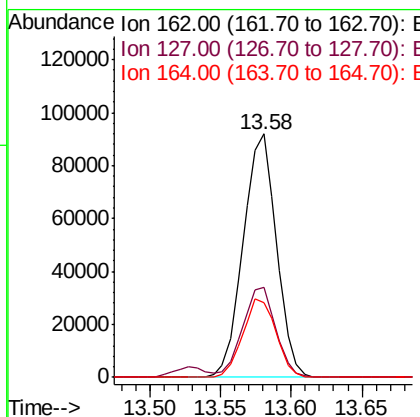
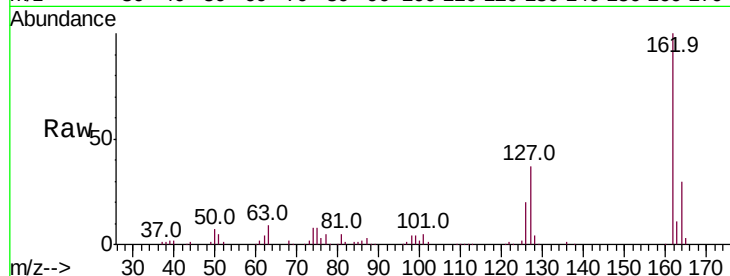
#47
 2-Chloronaphthalene
 Concen: 38.993 ng
 RT: 13.58 min Scan# 1786
 Delta R.T. -0.00 min
 Lab File: BG038580.D
 Acq: 14 Dec 2018 23:04

Instrument :
 BNA_G
 ClientSampleId :
 PB115428BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	37.0	27.8	41.8	
164	30.4	26.9	40.3	

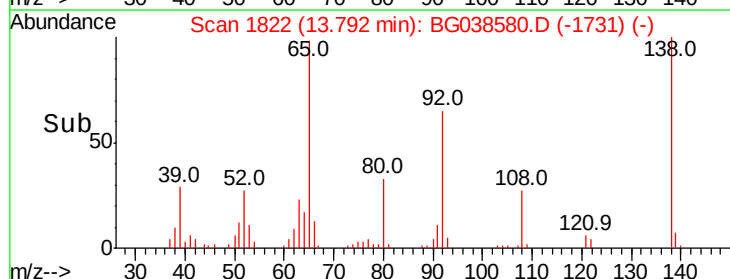
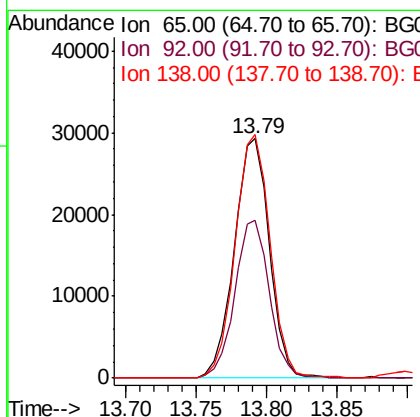
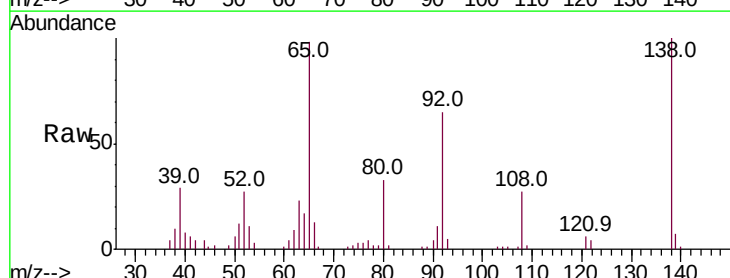
Manual Integrations
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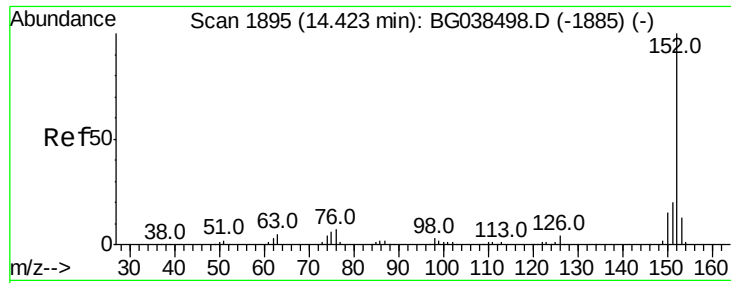
Sohil
 12/17/2018 4:11:52 PM



#48
 2-Nitroaniline
 Concen: 40.958 ng
 RT: 13.79 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: BG038580.D
 Acq: 14 Dec 2018 23:04

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	65.7	50.0	75.0	
138	101.6	76.9	115.3	





#49

Acenaphthylene

Concen: 42.270 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG038580.D

Acq: 14 Dec 2018 23:04

Instrument :

BNA_G

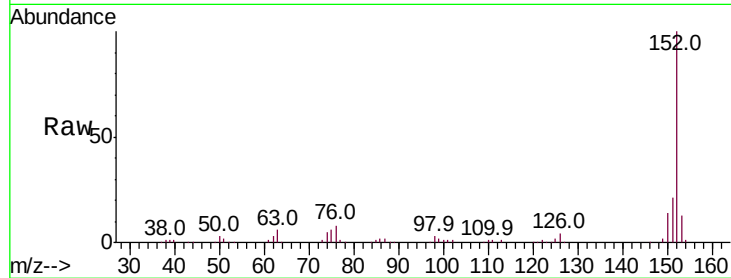
ClientSampleId :

PB115428BS

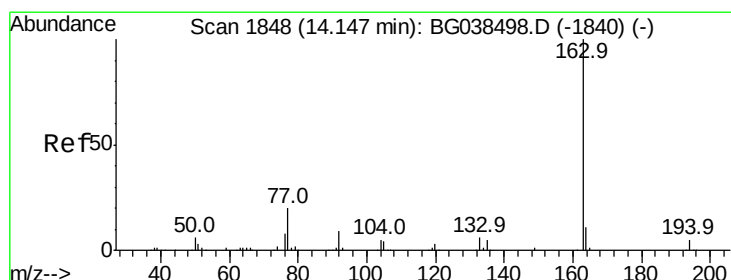
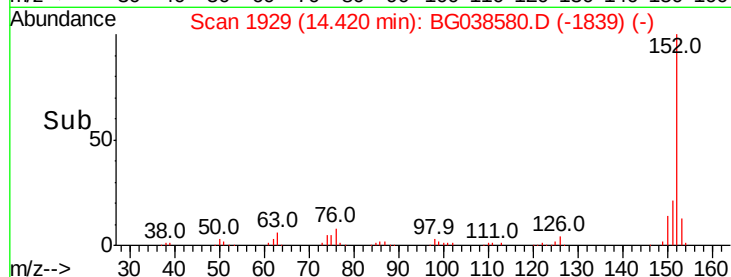
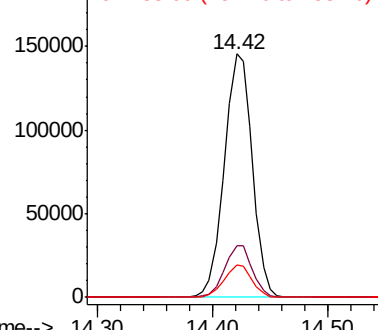
Tot Ion	Ratio	Lower	Upper
152	100		
151	21.3	16.4	24.6
153	13.2	10.4	15.6

Manual Integrations
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.433 ng

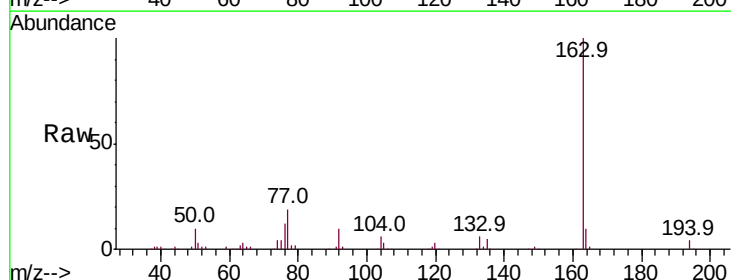
RT: 14.14 min Scan# 1882

Delta R.T. -0.00 min

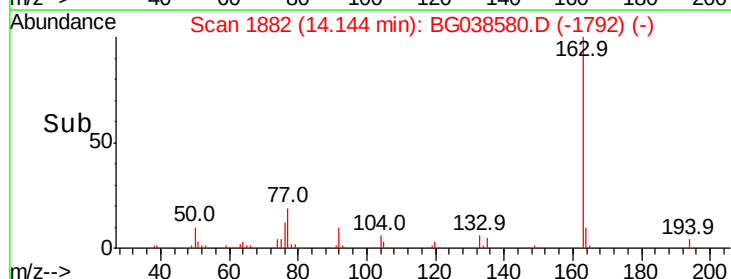
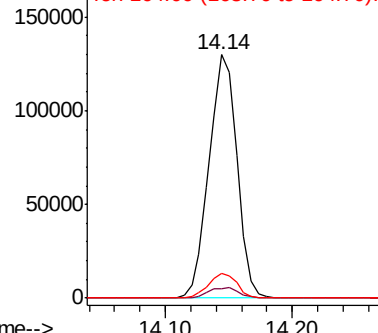
Lab File: BG038580.D

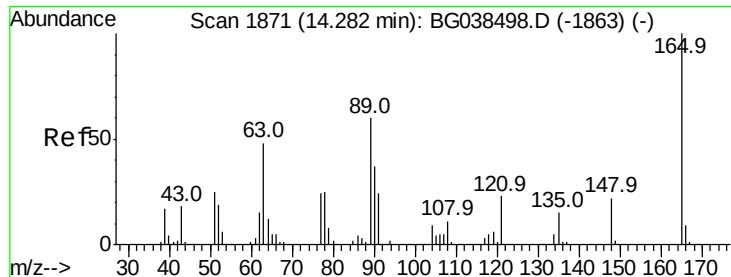
Acq: 14 Dec 2018 23:04

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.7	5.5
164	10.2	8.6	12.8



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





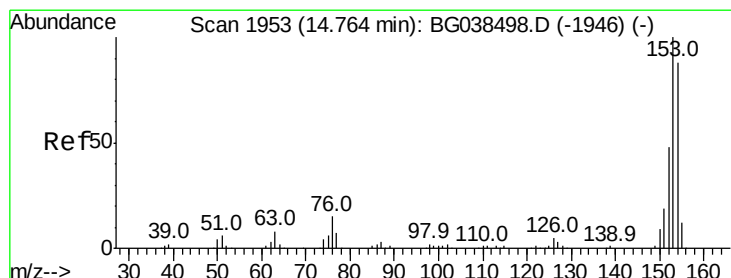
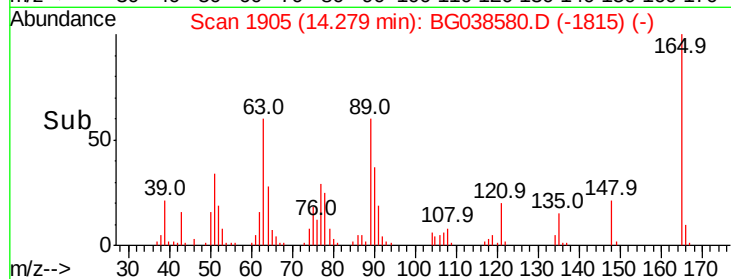
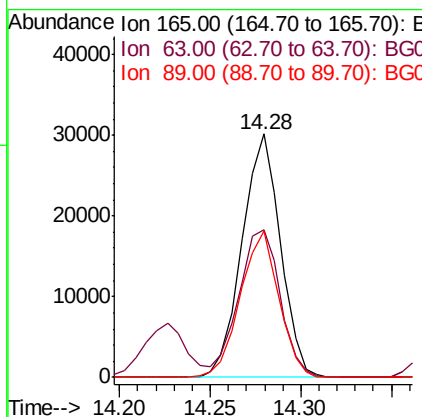
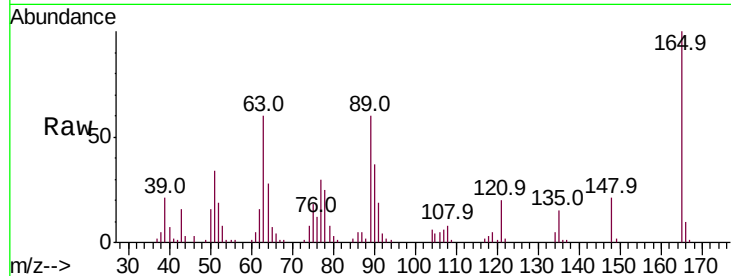
#51
2,6-Dinitrotoluene
Concen: 39.997 ng
RT: 14.28 min Scan# 1905
Delta R.T. -0.00 min
Lab File: BG038580.D
Acq: 14 Dec 2018 23:04

Instrument :
BNA_G
ClientSampleId :
PB115428BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	60.4	51.8	77.6
89	60.1	47.9	71.9

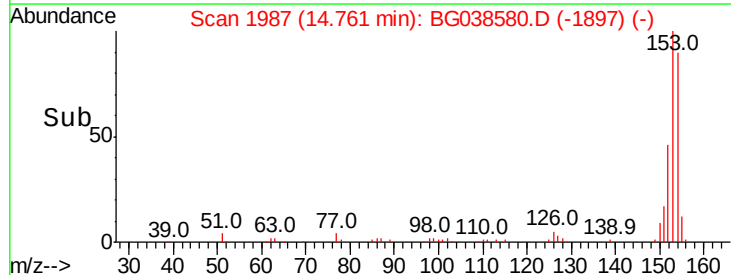
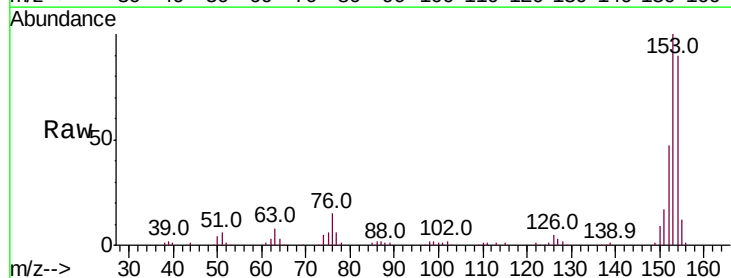
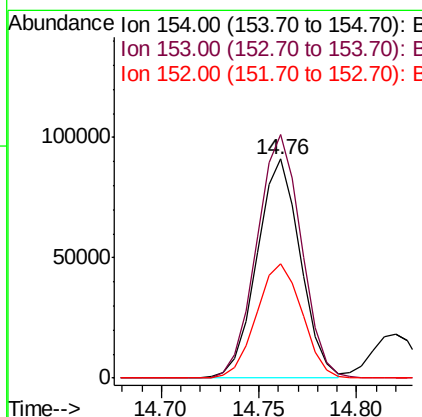
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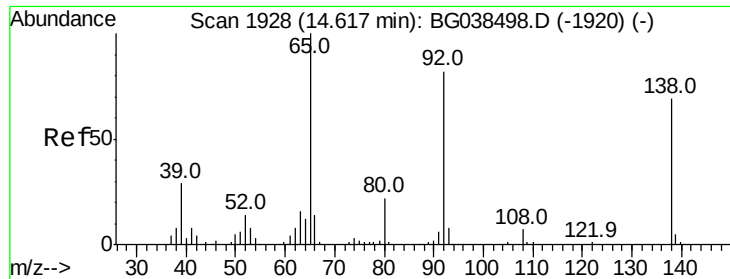
Sohil
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#52
Acenaphthene
Concen: 40.336 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BG038580.D
Acq: 14 Dec 2018 23:04

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.3	90.6	136.0
152	52.4	43.5	65.3





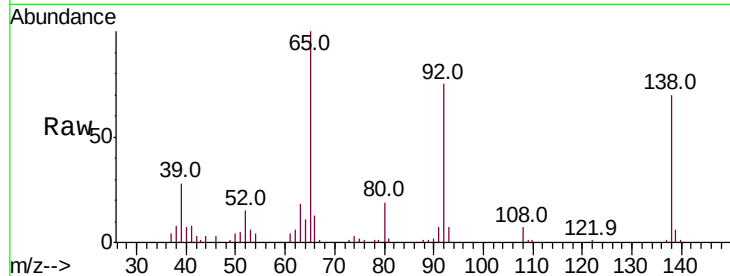
#53
 3-Nitroaniline
 Concen: 28.104 ng
 RT: 14.61 min Scan# 1962
 Delta R.T. -0.00 min
 Lab File: BG038580.D
 Acq: 14 Dec 2018 23:04

Instrument :
 BNA_G
 ClientSampleId :
 PB115428BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.4	7.9	11.9
92	106.1	95.3	142.9

Manual Integrations
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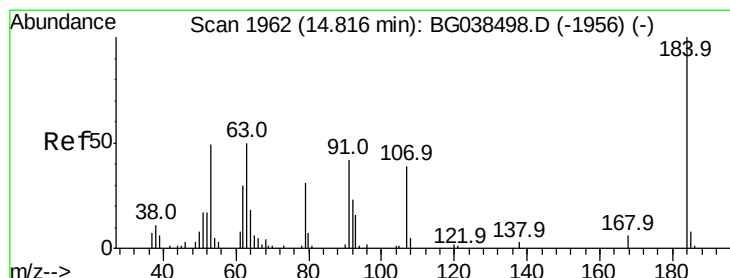
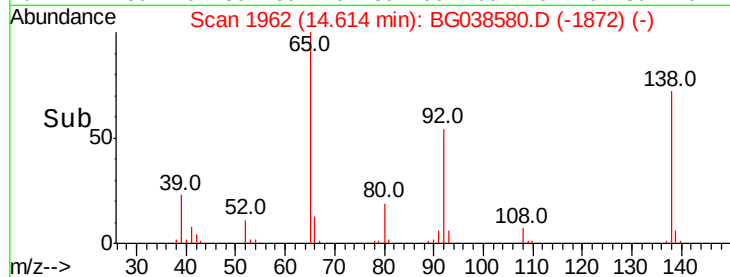
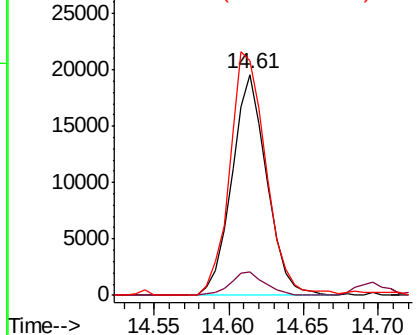


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54
 2,4-Dinitrophenol
 Concen: 75.218 ng
 RT: 14.82 min Scan# 1997
 Delta R.T. 0.00 min
 Lab File: BG038580.D
 Acq: 14 Dec 2018 23:04

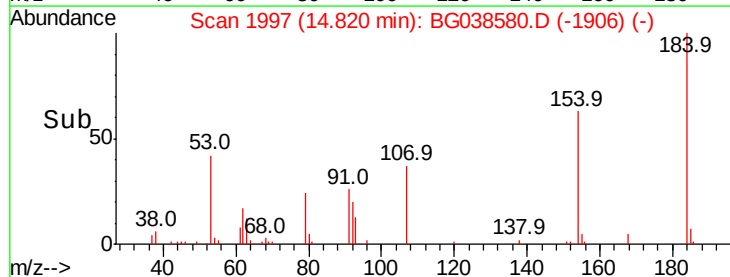
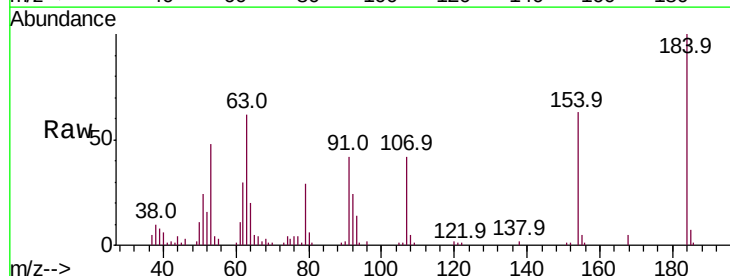
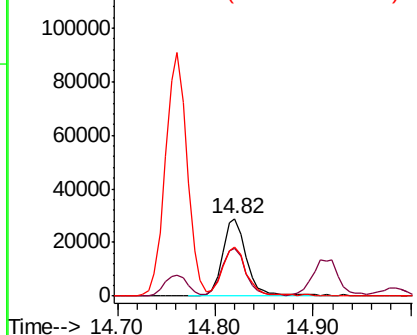
Tgt Ion	Ratio	Lower	Upper
184	100		
63	62.2	47.0	70.6
154	63.1	50.3	75.5

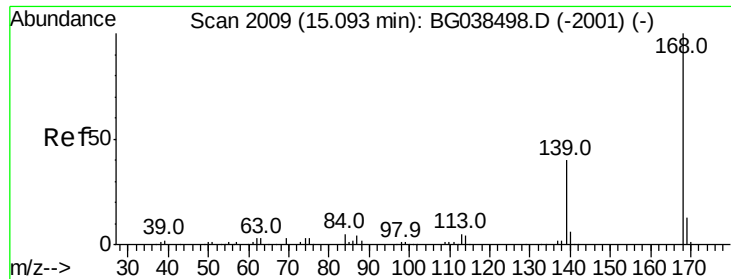
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





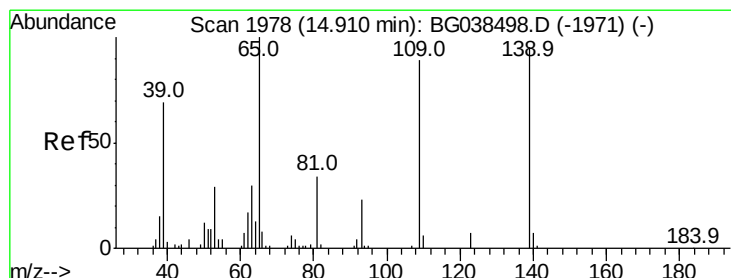
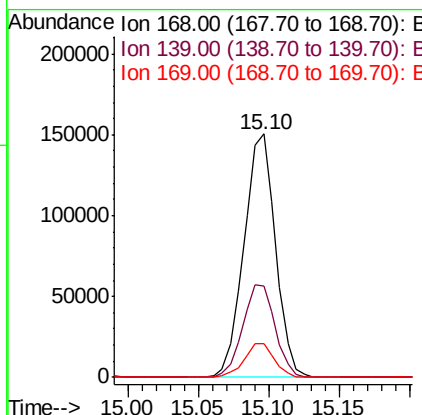
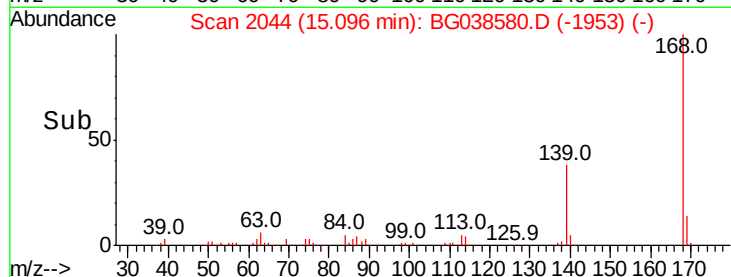
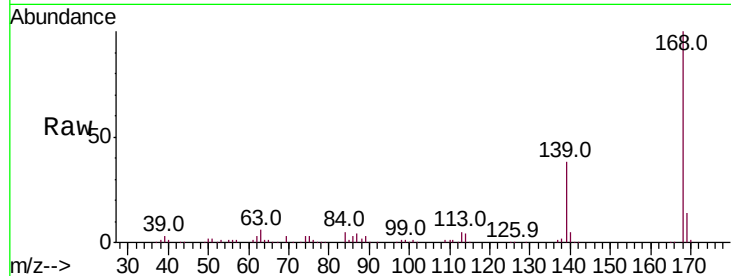
#55
Dibenzenofuran
Concen: 39.470 ng
RT: 15.10 min Scan# 2044
Delta R.T. 0.00 min
Lab File: BG038580.D
Acq: 14 Dec 2018 23:04

Instrument :
BNA_G
ClientSampleId :
PB115428BS

Tot Ion	Ratio	Resp	Lower	Upper
168	100	235021		
139	37.5		32.2	48.2
169	14.1		10.6	16.0

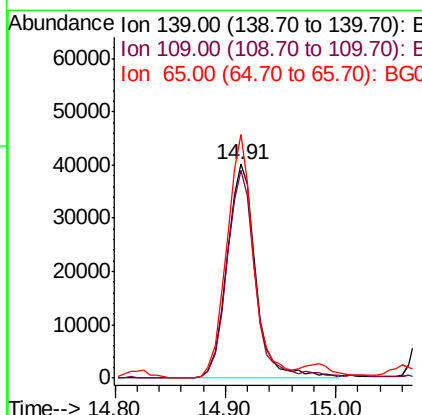
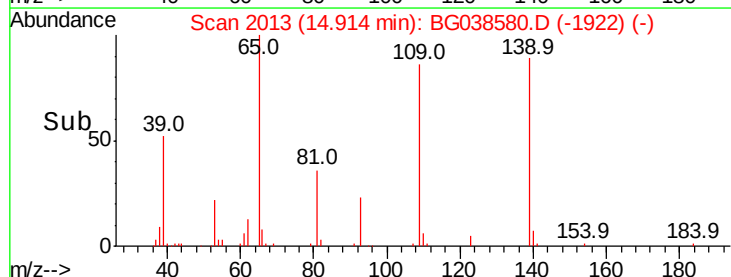
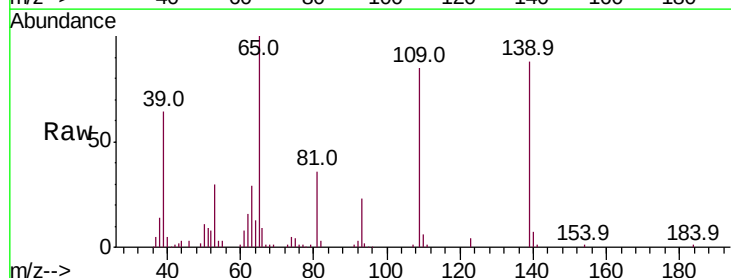
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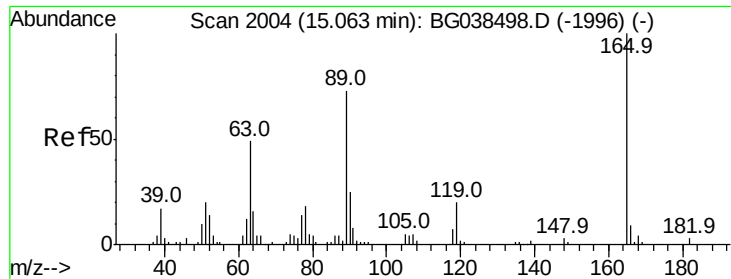
Sohil
12/17/2018 4:11:52 PM



#56
4-Nitrophenol
Concen: 85.039 ng
RT: 14.91 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BG038580.D
Acq: 14 Dec 2018 23:04

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	73032		
109	96.9		73.6	113.6
65	113.7		84.8	124.8





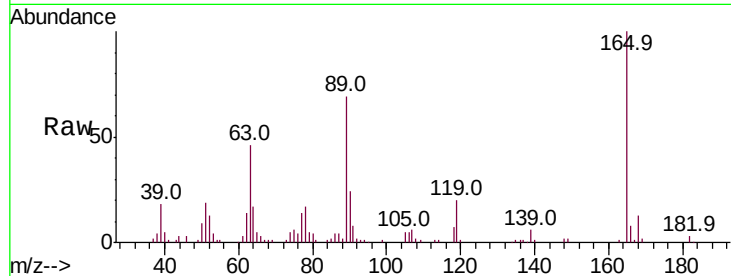
#57
2,4-Dinitrotoluene
Concen: 41.296 ng
RT: 15.07 min Scan# 2039
Delta R.T. 0.00 min
Lab File: BG038580.D
Acq: 14 Dec 2018 23:04

Instrument :
BNA_G
ClientSampleId :
PB115428BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	46.4	39.0	58.4
89	69.0	58.0	87.0
182	2.6	2.3	3.5

Manual Integrations
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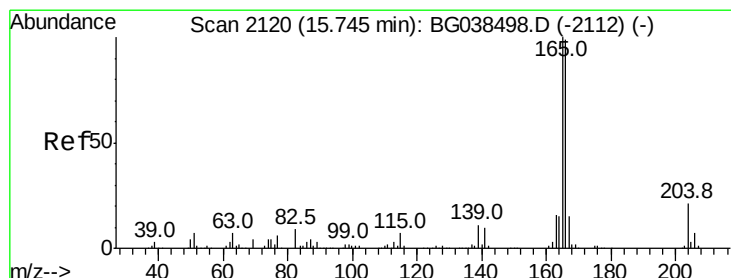
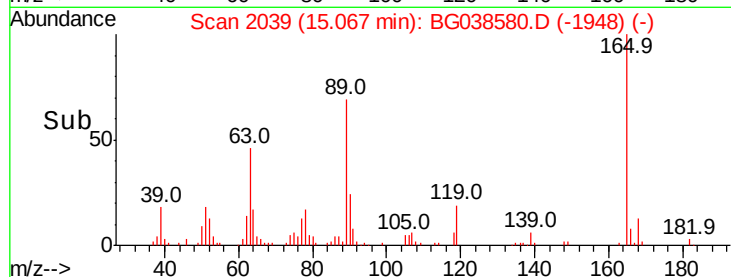
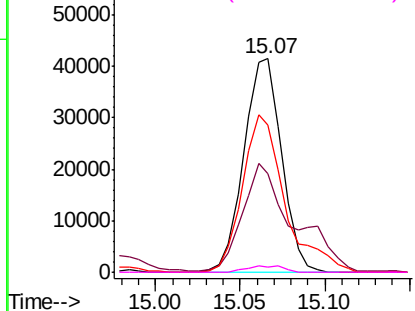
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

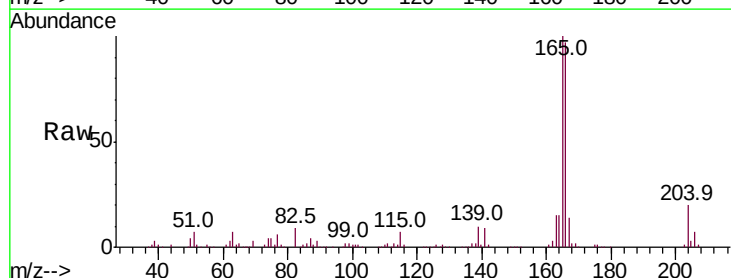
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 42.662 ng
RT: 15.74 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BG038580.D
Acq: 14 Dec 2018 23:04

Tgt Ion	Ratio	Lower	Upper
166	100		
165	103.1	80.6	120.8
167	14.2	12.0	18.0

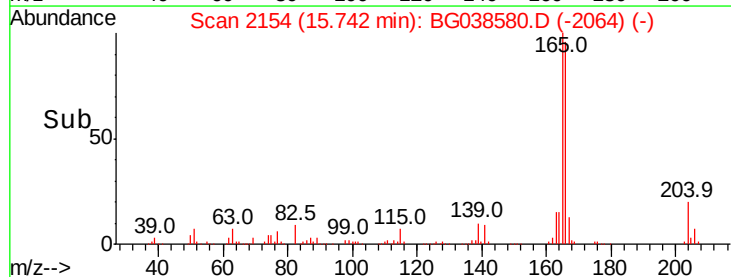
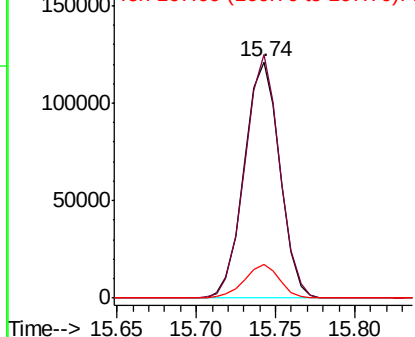


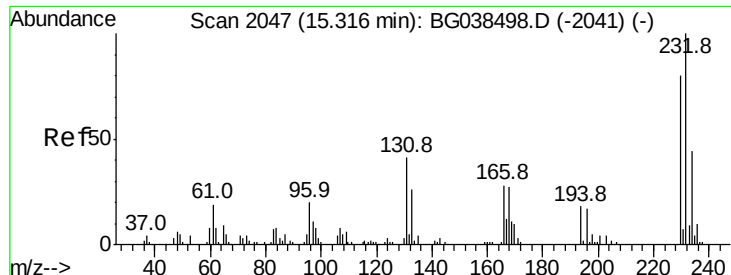
Abundance

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





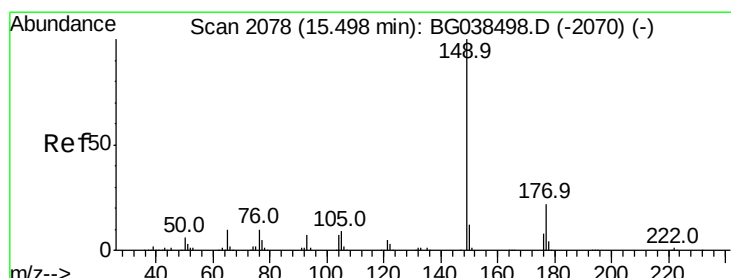
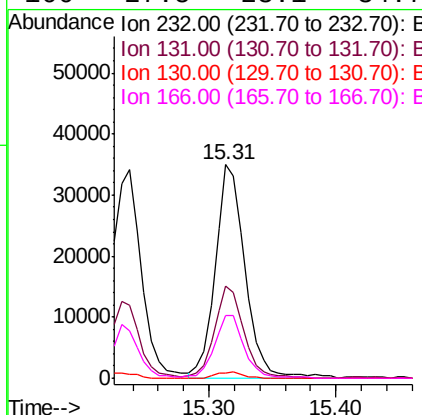
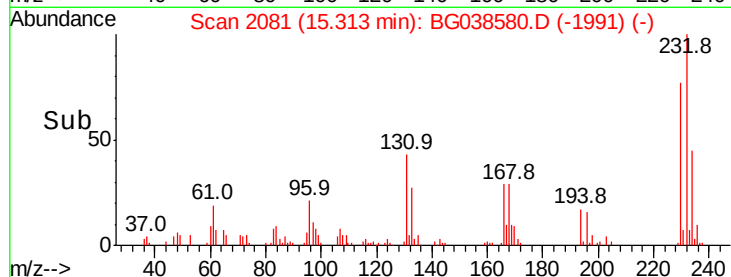
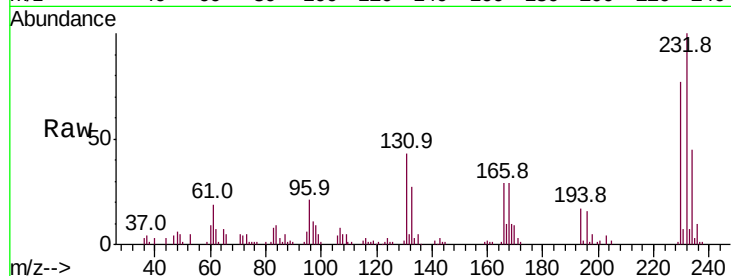
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.531 ng
RT: 15.31 min Scan# 2081
Delta R.T. -0.00 min
Lab File: BG038580.D
Acq: 14 Dec 2018 23:04

Instrument :
BNA_G
ClientSampleId :
PB115428BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	57189		
131	42.3		33.0	49.4
130	2.5		2.0	3.0
166	27.5		23.1	34.7

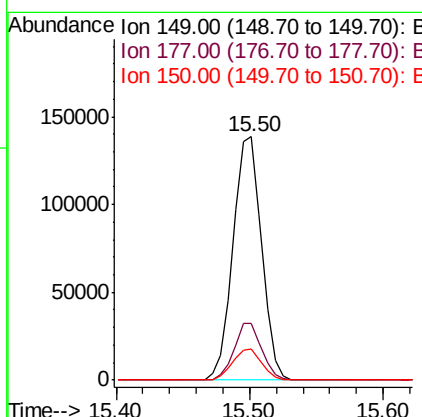
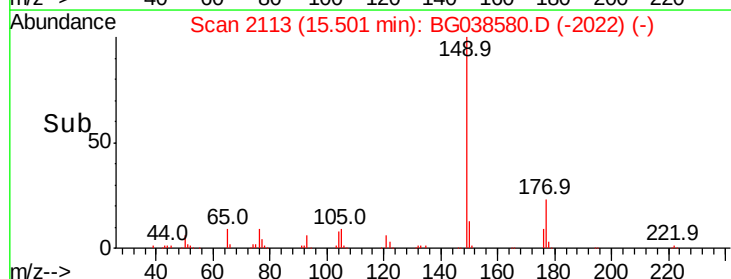
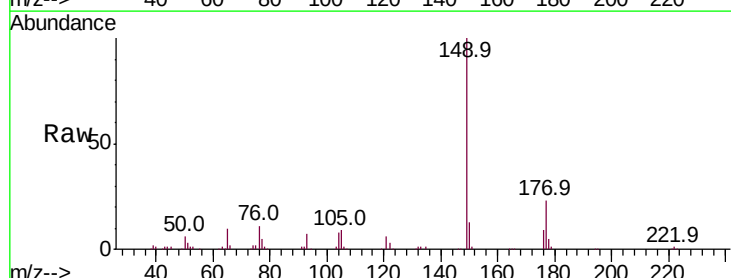
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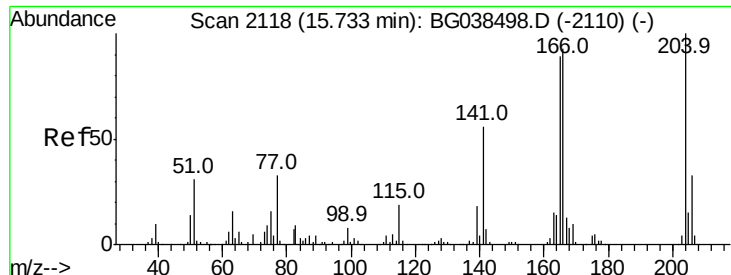
Sohil
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#60
Diethylphthalate
Concen: 38.320 ng
RT: 15.50 min Scan# 2113
Delta R.T. 0.00 min
Lab File: BG038580.D
Acq: 14 Dec 2018 23:04

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	206145		
177	23.5		17.7	26.5
150	12.8		9.9	14.9





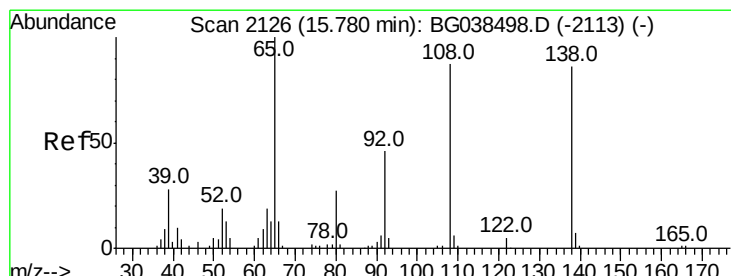
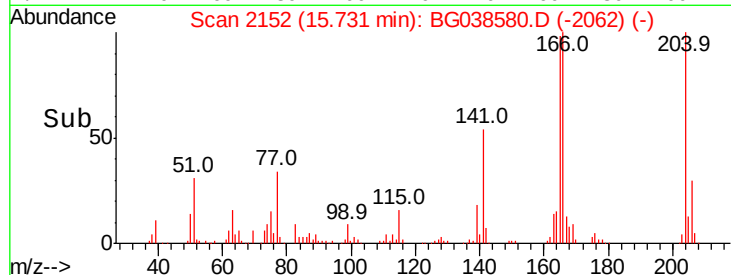
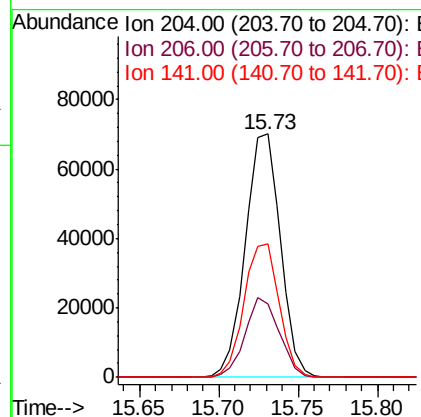
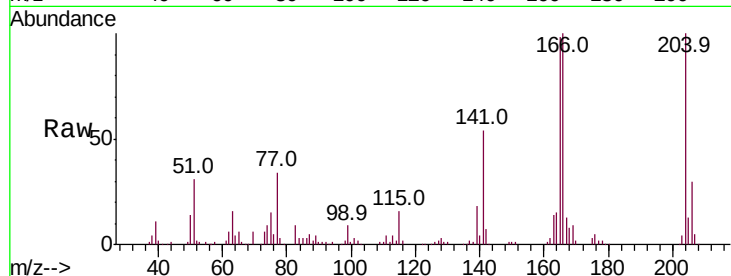
#61
 4-Chlorophenyl-phenylether
 Concen: 39.168 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. -0.00 min
 Lab File: BG038580.D
 Acq: 14 Dec 2018 23:04

Instrument :
 BNA_G
 ClientSampleId :
 PB115428BS

Tot Ion:	204	Resp:	107810
Ion Ratio	Lower	Upper	
204	100		
206	30.3	26.0	39.0
141	54.6	44.4	66.6

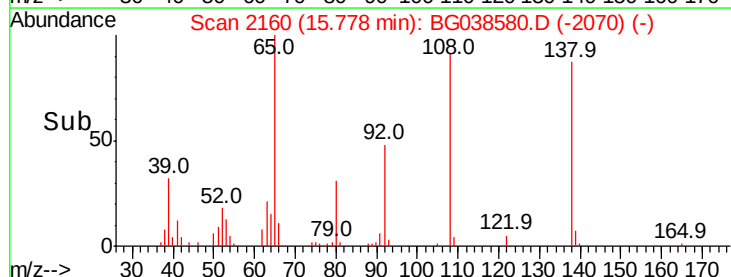
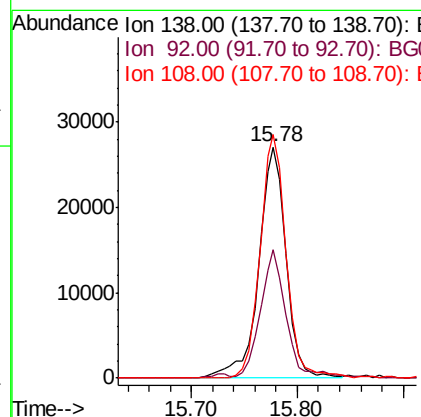
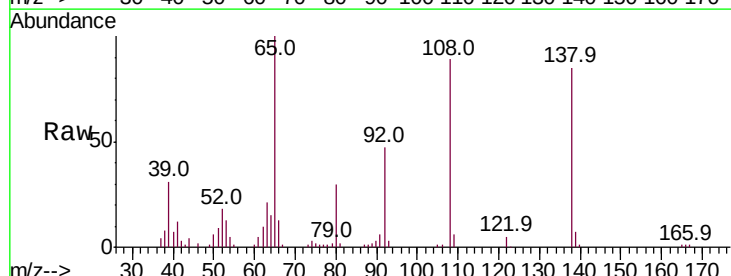
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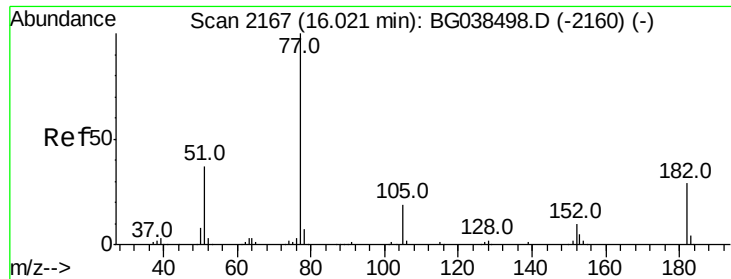
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#62
 4-Nitroaniline
 Concen: 41.983 ng
 RT: 15.78 min Scan# 2160
 Delta R.T. -0.00 min
 Lab File: BG038580.D
 Acq: 14 Dec 2018 23:04

Tgt Ion:	138	Resp:	48930
Ion Ratio	Lower	Upper	
138	100		
92	55.3	33.3	73.3
108	105.3	81.4	121.4





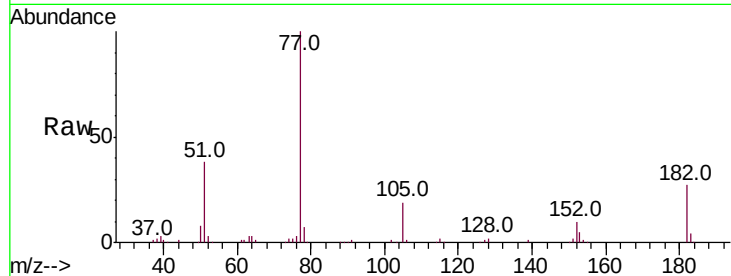
#63
Azobenzene
Concen: 40.241 ng
RT: 16.02 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BG038580.D
Acq: 14 Dec 2018 23:04

Instrument :
BNA_G
ClientSampleId :
PB115428BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	26.7	8.7	48.7
105	19.1	0.0	38.7
51	38.2	16.6	56.6

Manual Integrations
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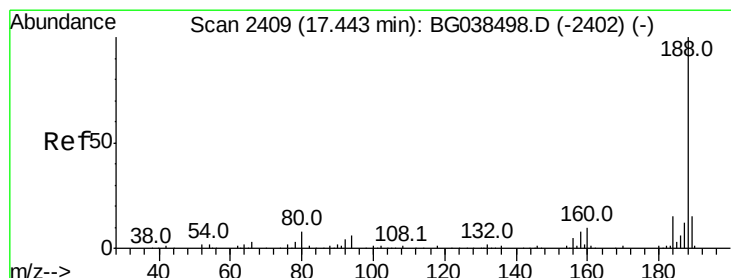
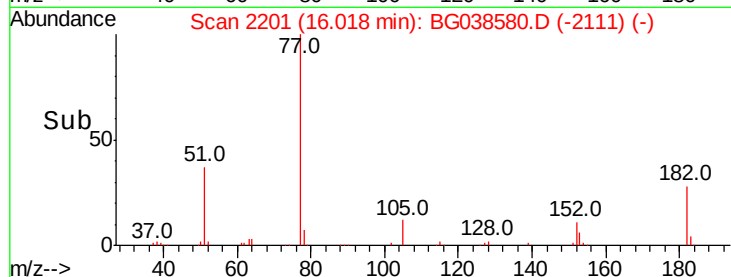
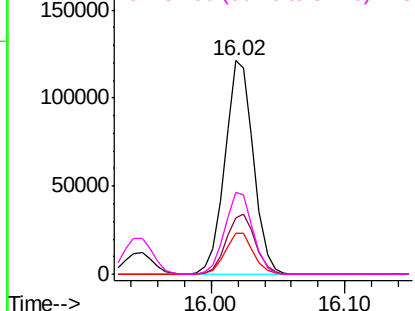
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038580.D
Acq: 14 Dec 2018 23:04

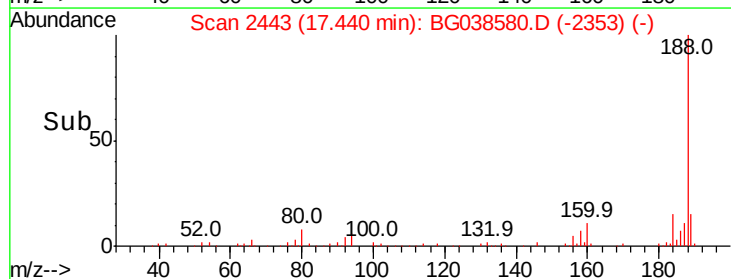
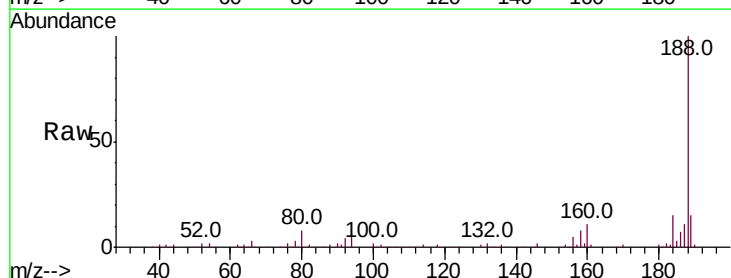
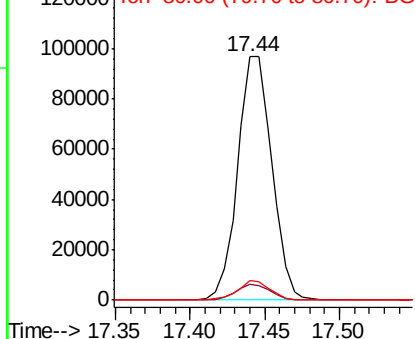
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.4	5.1	7.7
80	8.1	6.1	9.1

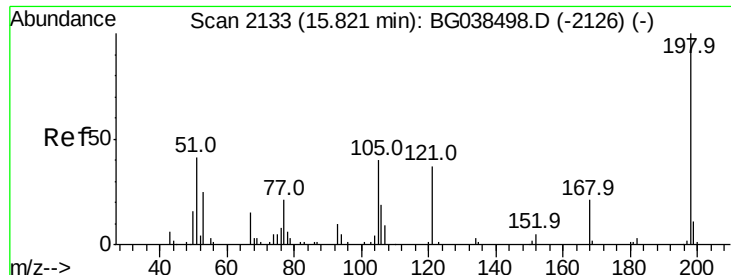
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





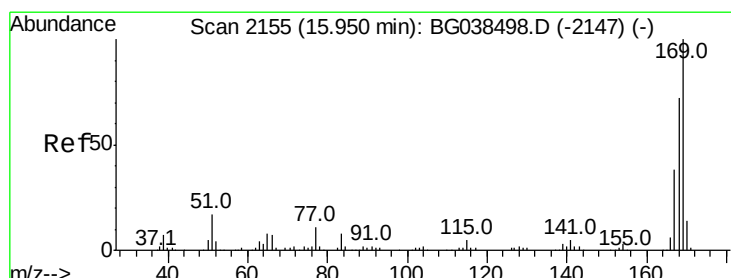
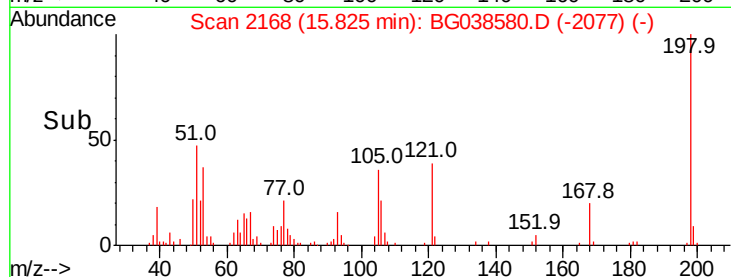
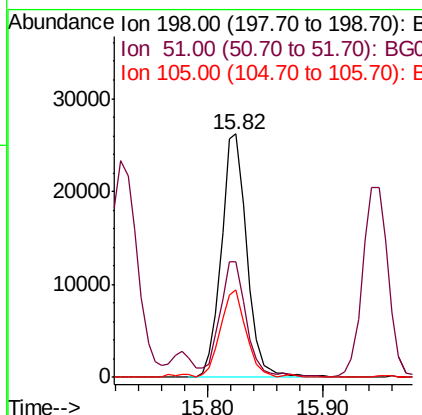
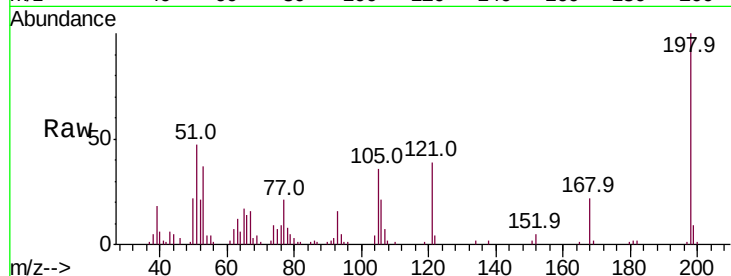
#65
4,6-Dinitro-2-methylphenol
Concen: 36.504 ng
RT: 15.82 min Scan# 2168
Delta R.T. 0.00 min
Lab File: BG038580.D
Acq: 14 Dec 2018 23:04

Instrument :
BNA_G
ClientSampleId :
PB115428BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	40019		
51	47.5	28.6	68.6	
105	35.8	20.4	60.4	

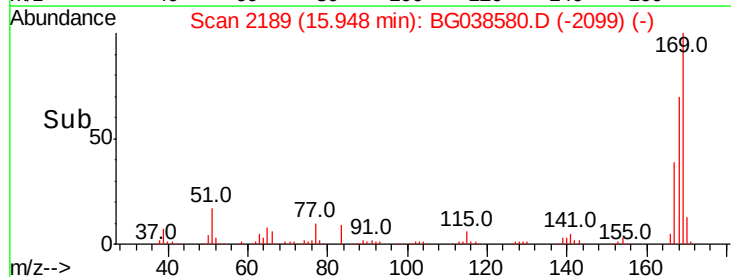
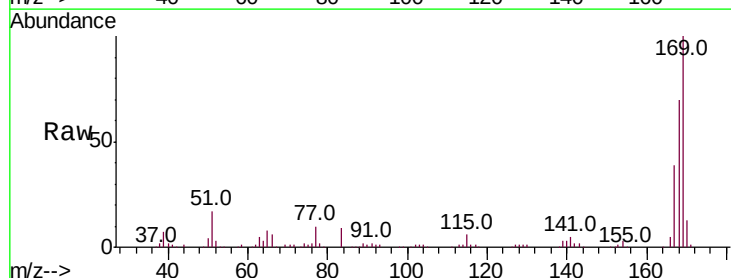
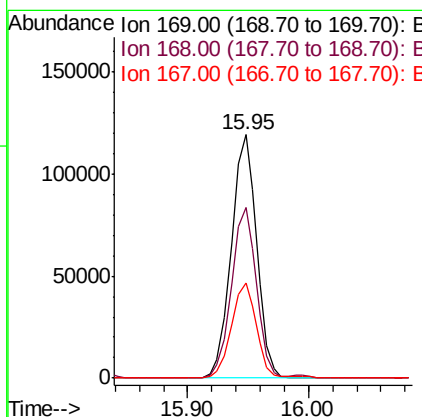
Manual Integrations
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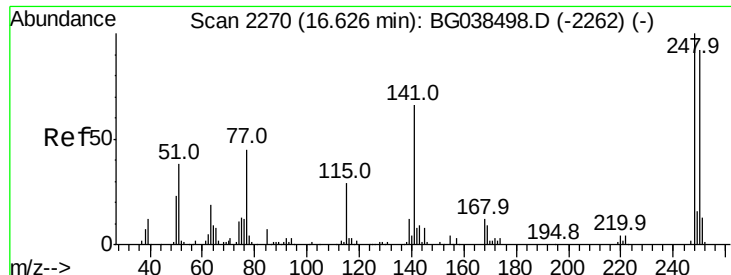
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#66
n-Nitrosodiphenylamine
Concen: 38.482 ng
RT: 15.95 min Scan# 2189
Delta R.T. -0.00 min
Lab File: BG038580.D
Acq: 14 Dec 2018 23:04

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	173762		
168	70.3	57.5	86.3	
167	39.3	30.2	45.2	





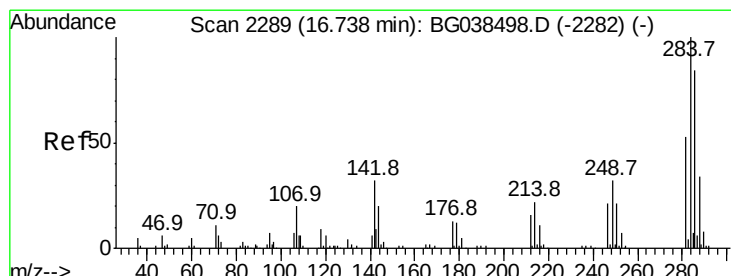
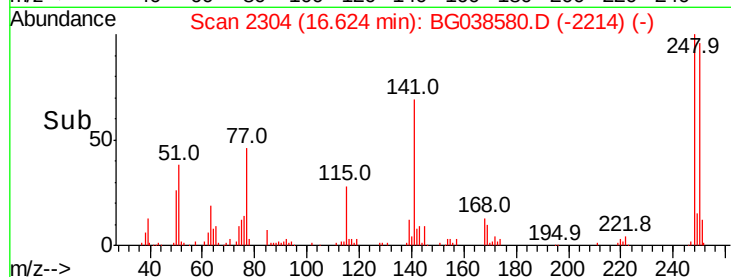
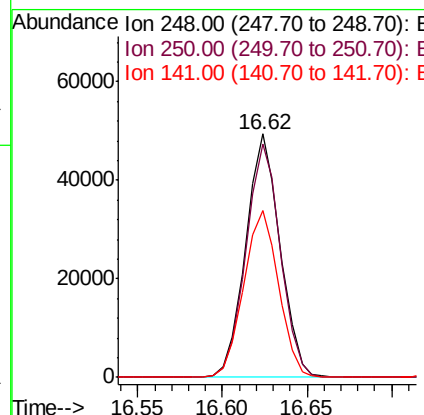
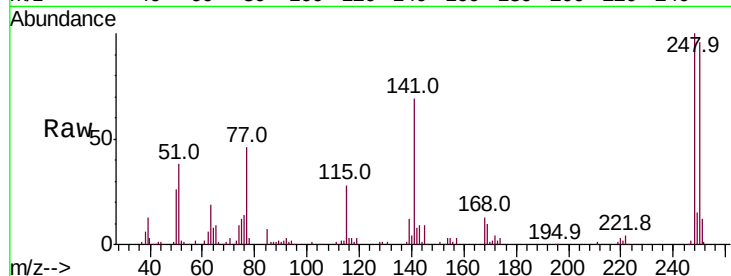
#67
 4-Bromophenyl-phenylether
 Concen: 37.109 ng
 RT: 16.62 min Scan# 2304
 Delta R.T. -0.00 min
 Lab File: BG038580.D
 Acq: 14 Dec 2018 23:04

Instrument :
 BNA_G
 ClientSampleId :
 PB115428BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.8	73.4	110.2
141	68.5	52.9	79.3

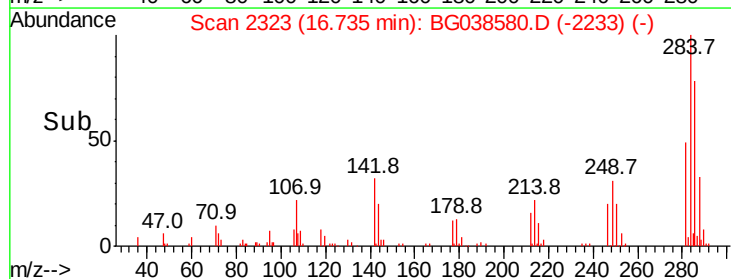
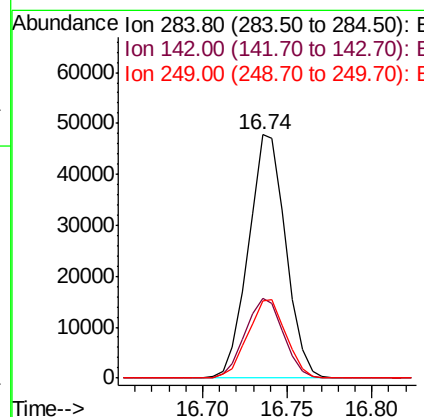
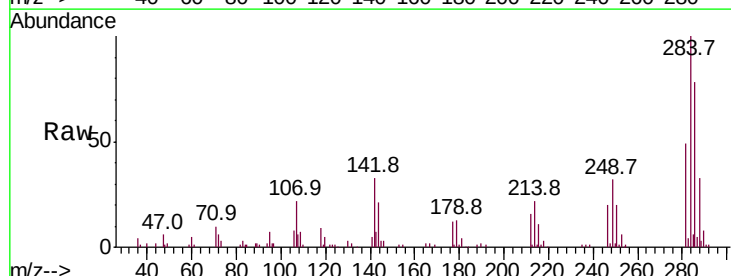
Manual Integrations
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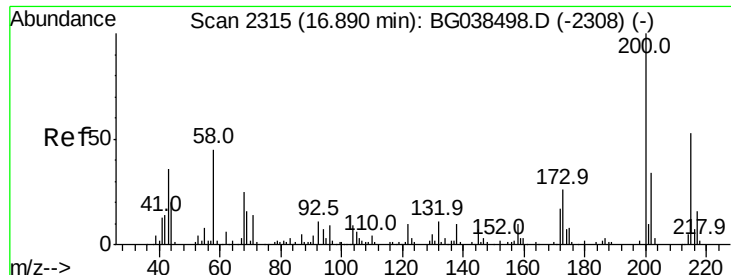
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#68
 Hexachlorobenzene
 Concen: 37.599 ng
 RT: 16.74 min Scan# 2323
 Delta R.T. -0.00 min
 Lab File: BG038580.D
 Acq: 14 Dec 2018 23:04

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.8	25.8	38.6
249	34.0	27.0	40.4





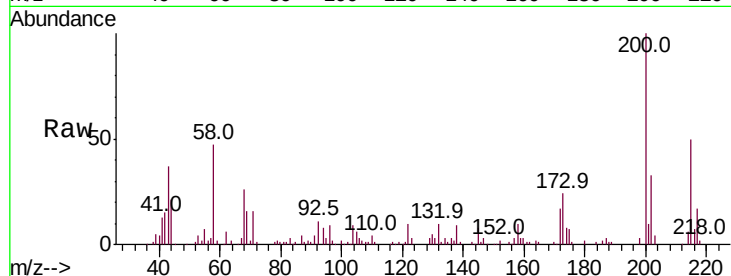
#69
Atrazine
Concen: 44.220 ng
RT: 16.89 min Scan# 2349
Delta R.T. -0.00 min
Lab File: BG038580.D
Acq: 14 Dec 2018 23:04

Instrument :
BNA_G
ClientSampleId :
PB115428BS

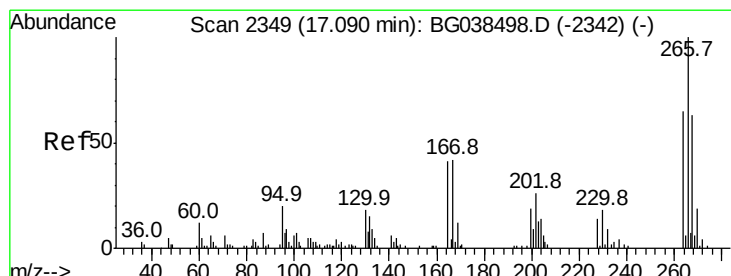
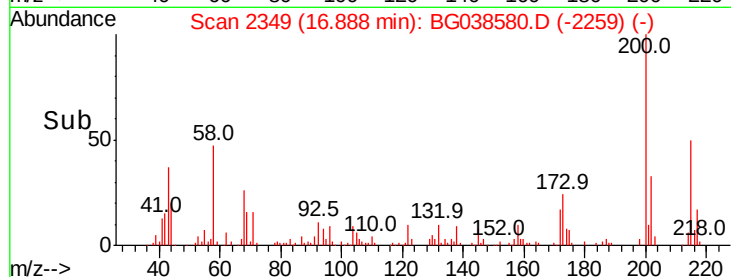
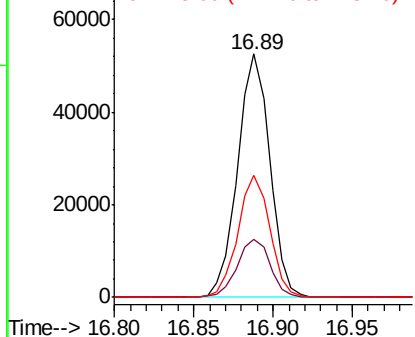
Tot Ion	Ratio	Lower	Upper
200	100		
173	23.7	5.9	45.9
215	50.2	33.1	73.1

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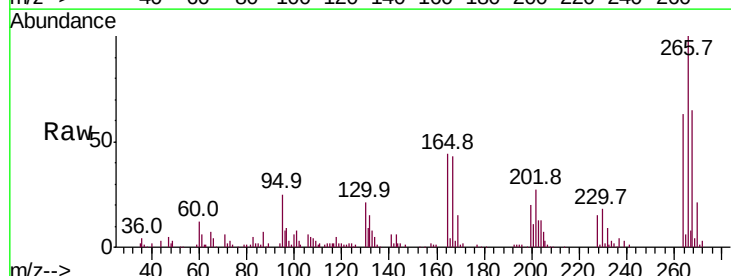


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

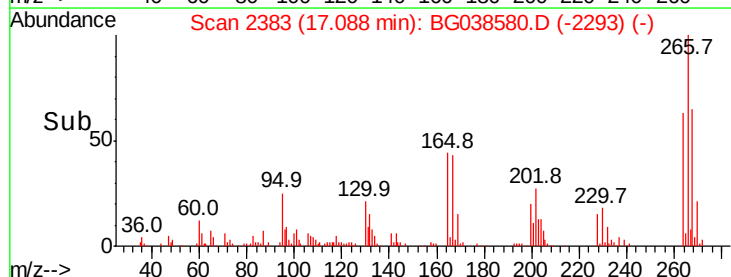
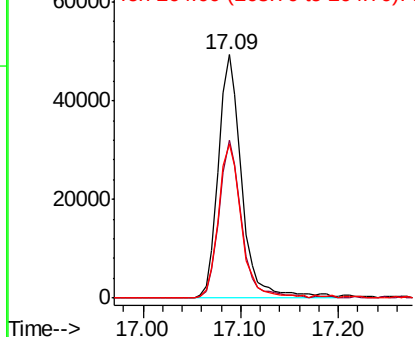


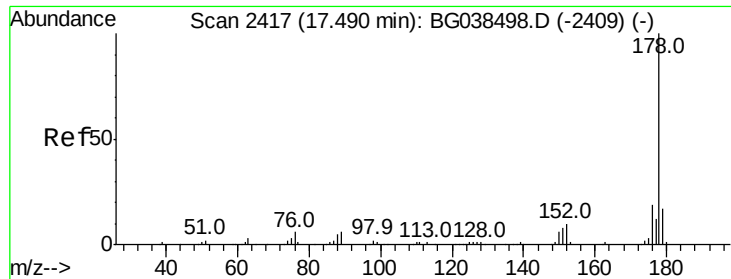
#70
Pentachlorophenol
Concen: 71.450 ng
RT: 17.09 min Scan# 2383
Delta R.T. -0.00 min
Lab File: BG038580.D
Acq: 14 Dec 2018 23:04

Tgt Ion	Ratio	Lower	Upper
266	100		
268	69.5	55.0	82.6
264	69.1	56.7	85.1



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





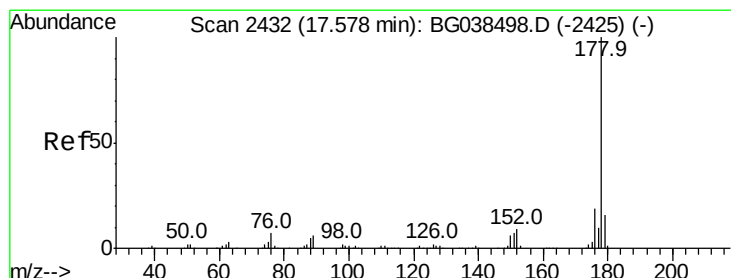
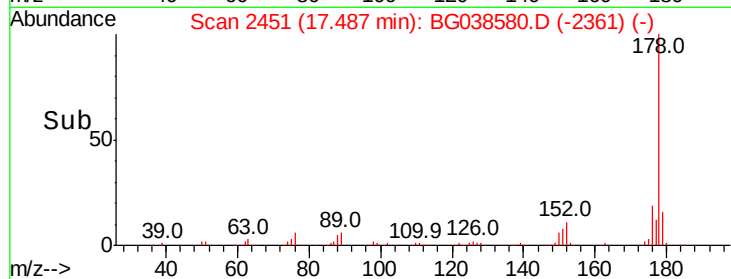
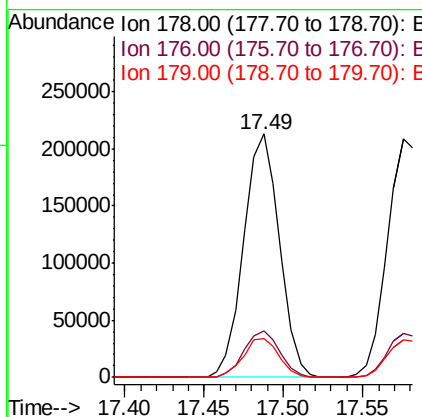
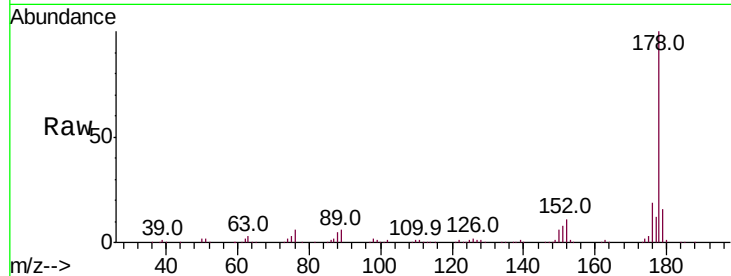
#71
Phenanthrene
Concen: 41.900 ng
RT: 17.49 min Scan# 2451
Delta R.T. -0.00 min
Lab File: BG038580.D
Acq: 14 Dec 2018 23:04

Instrument :
BNA_G
ClientSampleId :
PB115428BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.1	22.7
179	16.0	13.2	19.8

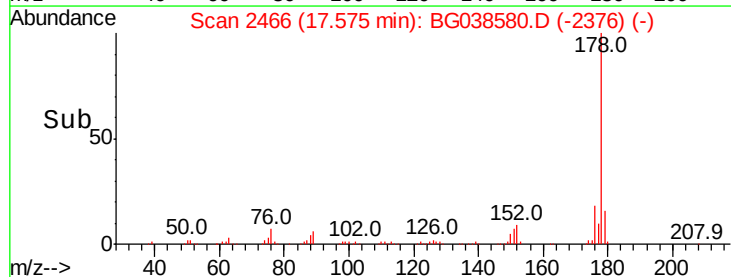
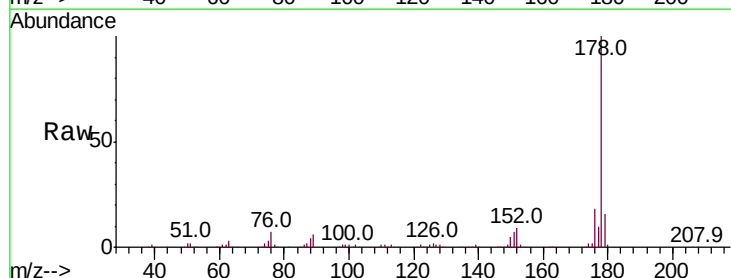
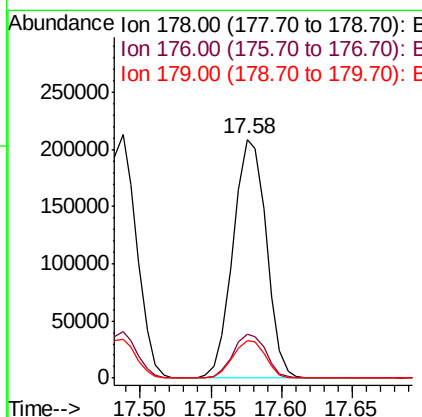
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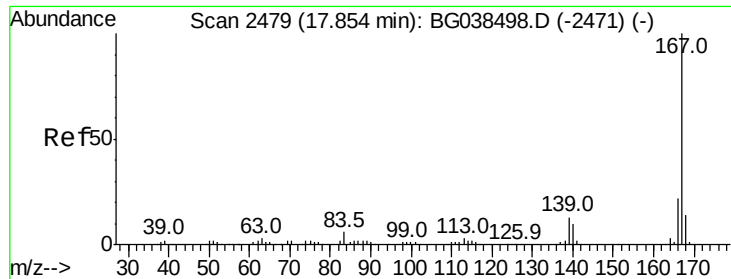
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#72
Anthracene
Concen: 43.552 ng
RT: 17.58 min Scan# 2466
Delta R.T. -0.00 min
Lab File: BG038580.D
Acq: 14 Dec 2018 23:04

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.1	22.7
179	16.0	12.9	19.3





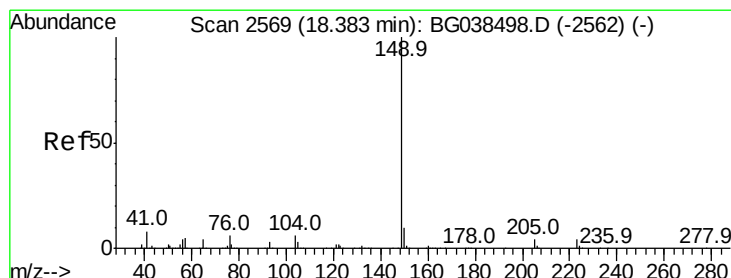
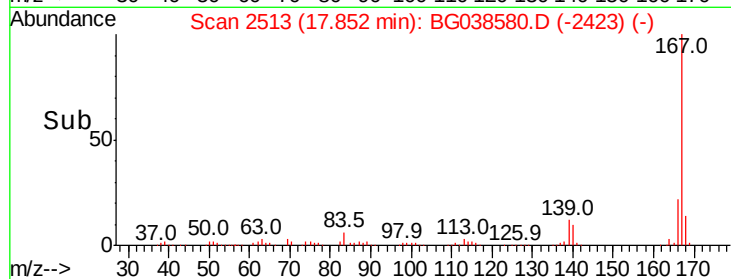
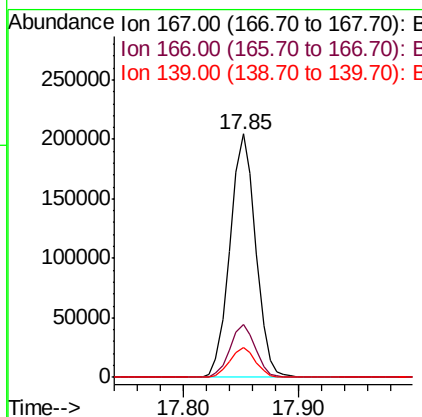
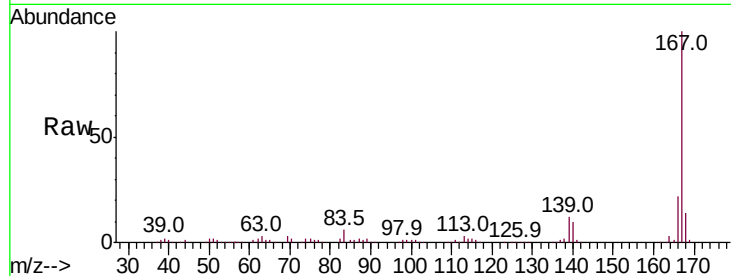
#73
 Carbazole
 Concen: 40.609 ng
 RT: 17.85 min Scan# 2513
 Delta R.T. -0.00 min
 Lab File: BG038580.D
 Acq: 14 Dec 2018 23:04

Instrument :
 BNA_G
 ClientSampleId :
 PB115428BS

Tot Ion	Ratio	Resp Lower	Upper
167	100		
166	21.6	17.9	26.9
139	12.2	10.2	15.2

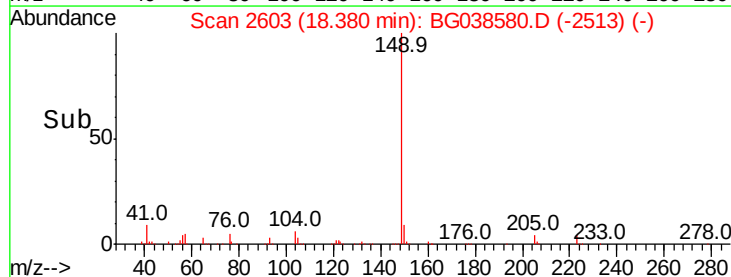
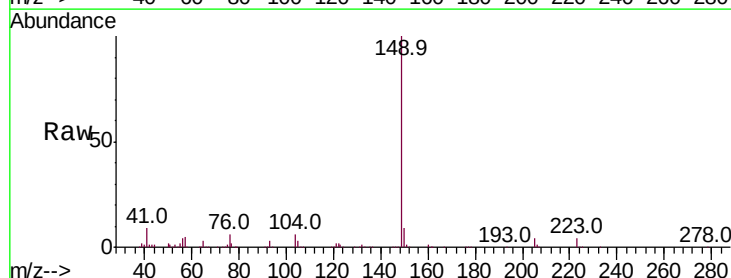
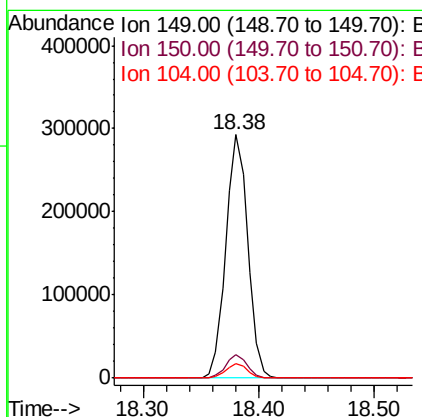
Manual Integrations
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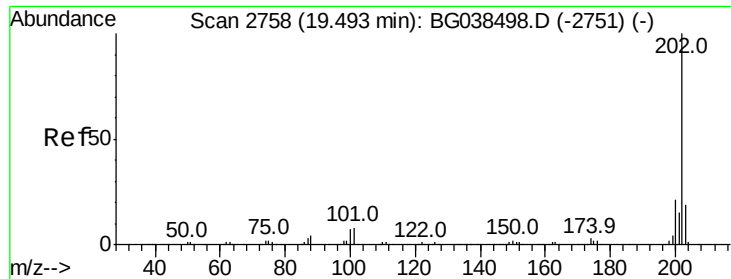
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#74
 Di-n-butylphthalate
 Concen: 43.078 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. -0.00 min
 Lab File: BG038580.D
 Acq: 14 Dec 2018 23:04

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
150	9.4	7.6	11.4
104	5.9	5.0	7.4





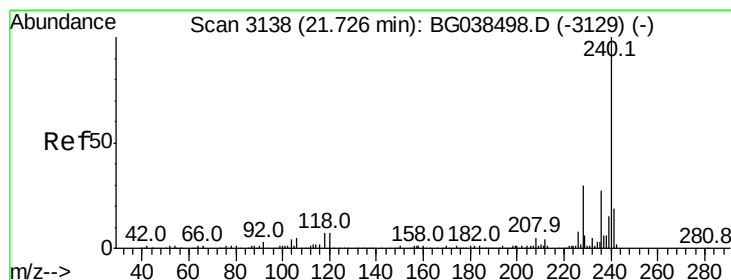
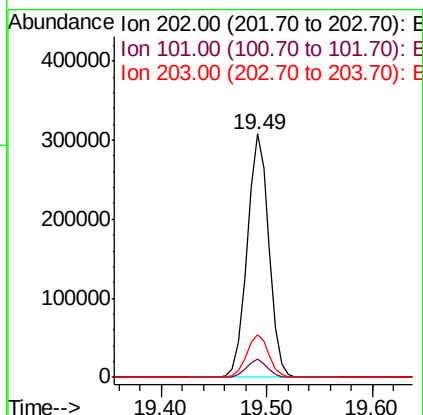
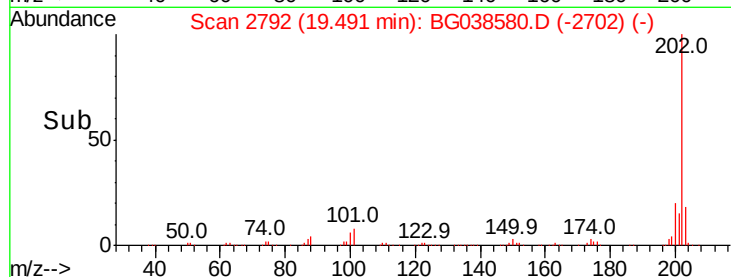
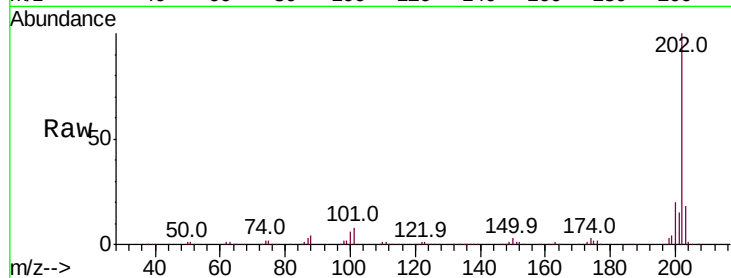
#75
 Fluoranthene
 Concen: 44.439 ng
 RT: 19.49 min Scan# 2792
 Delta R.T. -0.00 min
 Lab File: BG038580.D
 Acq: 14 Dec 2018 23:04

Instrument :
 BNA_G
 ClientSampleId :
 PB115428BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	7.6	0.0	28.1
203	17.8	0.0	39.0

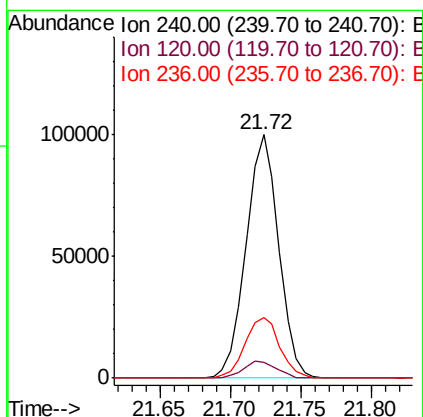
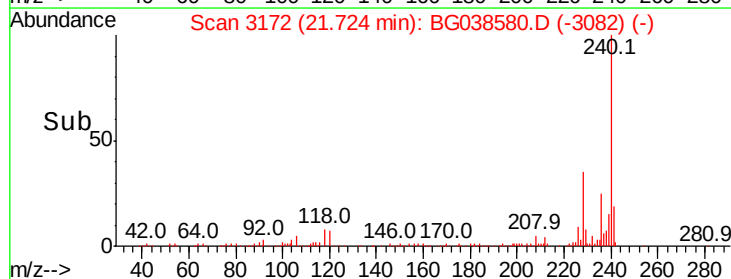
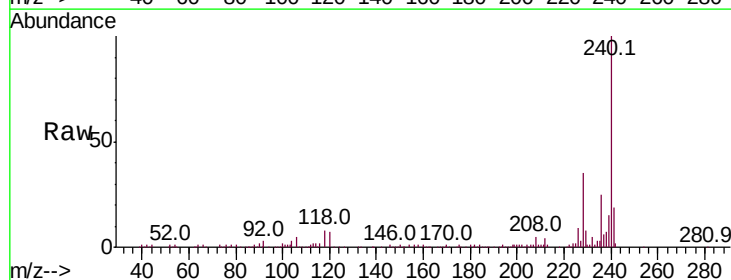
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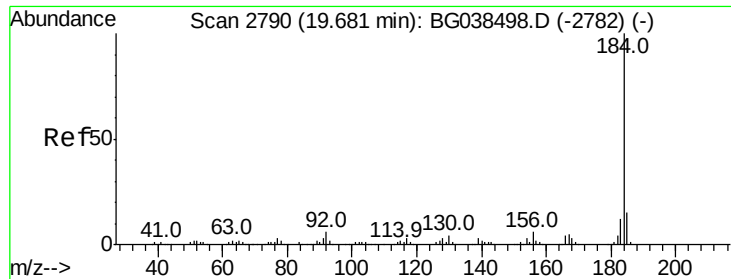
Sohil
 12/17/2018 4:11:52 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3172
 Delta R.T. -0.00 min
 Lab File: BG038580.D
 Acq: 14 Dec 2018 23:04

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	6.7	5.3	7.9
236	24.7	21.4	32.2





#77

Benzidine

Concen: 45.311 ng

RT: 19.68 min Scan# 2824

Delta R.T. -0.00 min

Lab File: BG038580.D

Acq: 14 Dec 2018 23:04

Instrument :

BNA_G

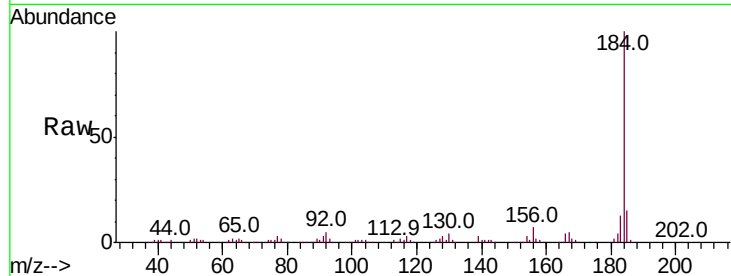
ClientSampleId :

PB115428BS

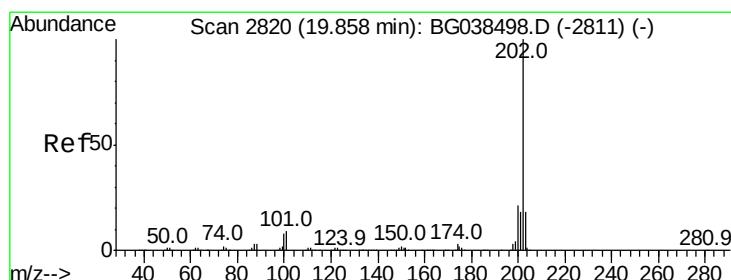
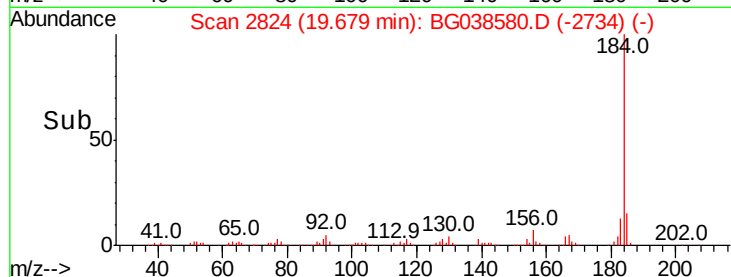
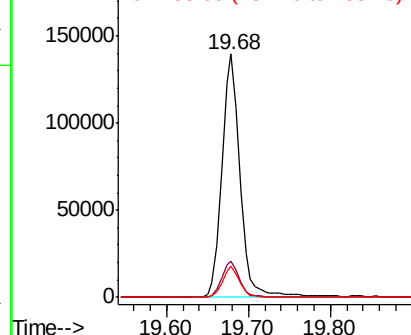
Tot Ion:	184	Resp:	217310
Ion Ratio	Lower	Upper	
184	100		
185	15.0	12.2	18.2
183	12.7	9.6	14.4

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



#78

Pyrene

Concen: 40.331 ng

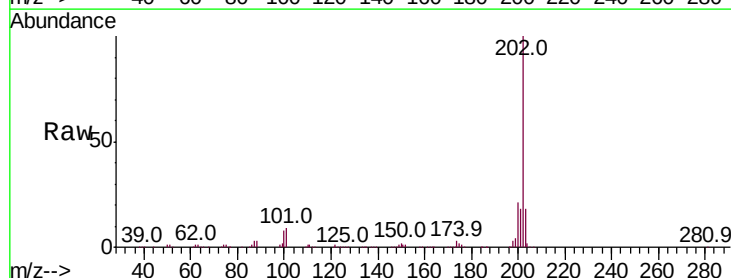
RT: 19.86 min Scan# 2854

Delta R.T. -0.00 min

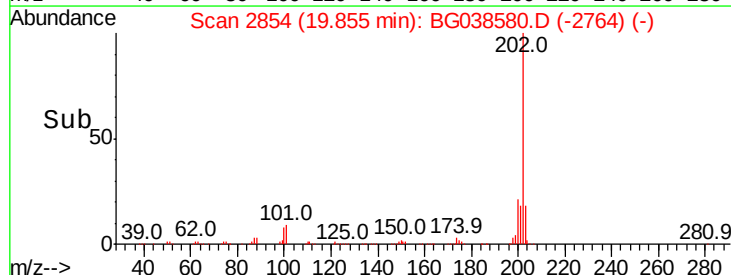
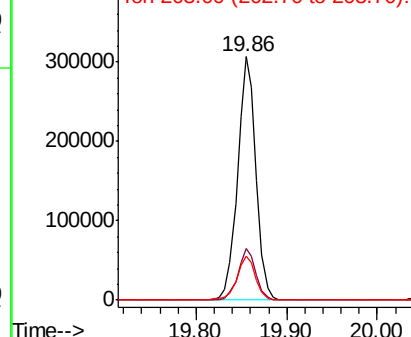
Lab File: BG038580.D

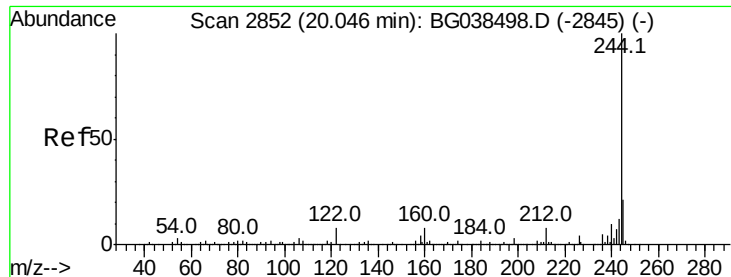
Acq: 14 Dec 2018 23:04

Tgt Ion:	202	Resp:	432078
Ion Ratio	Lower	Upper	
202	100		
200	21.0	16.6	25.0
203	17.9	14.6	21.8



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





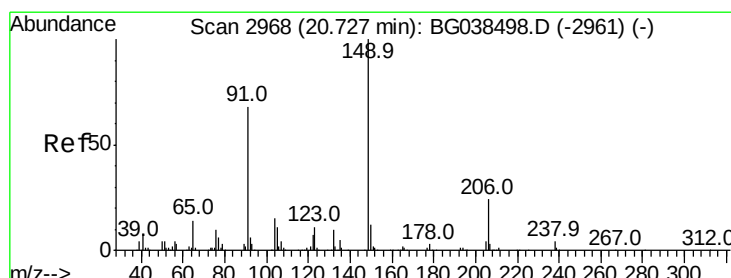
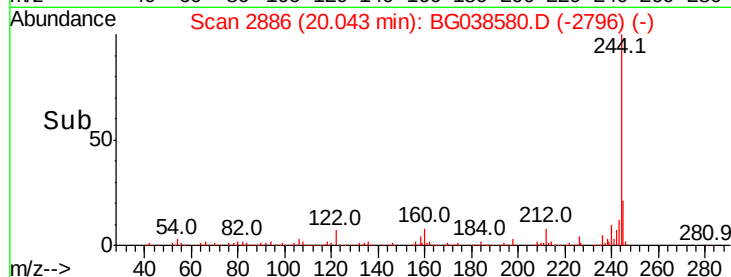
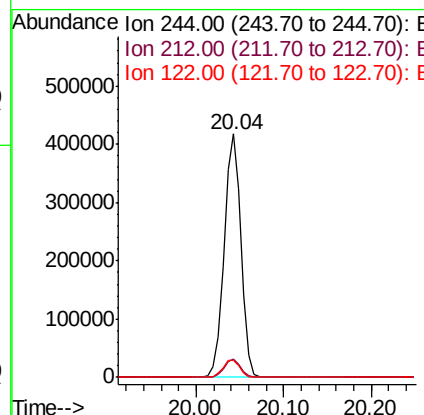
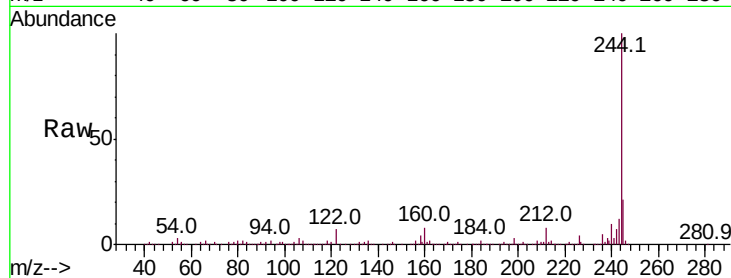
#79
 Terphenyl-d14
 Concen: 74.138 ng
 RT: 20.04 min Scan# 2886
 Delta R.T. -0.00 min
 Lab File: BG038580.D
 Acq: 14 Dec 2018 23:04

Instrument :
 BNA_G
 ClientSampleId :
 PB115428BS

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.6	6.2	9.2	
122	7.2	6.3	9.5	

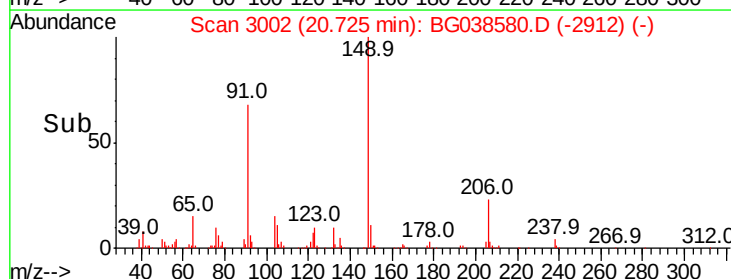
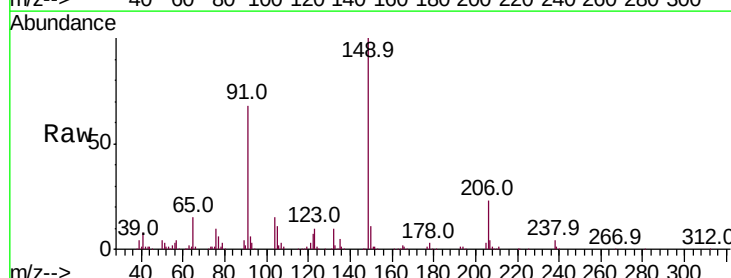
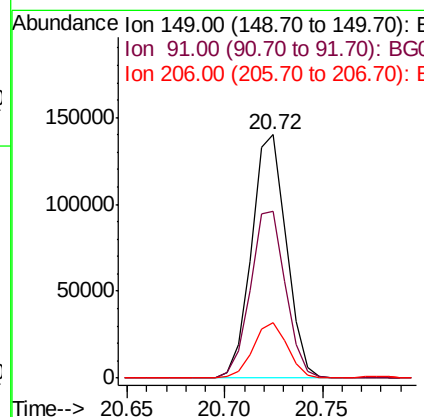
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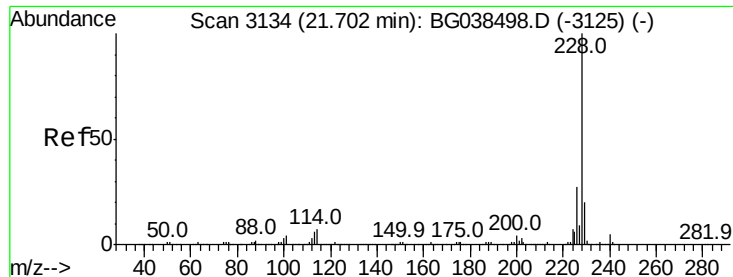
Sohil
 12/17/2018 4:11:52 PM



#80
 Butylbenzylphthalate
 Concen: 41.317 ng
 RT: 20.72 min Scan# 3002
 Delta R.T. -0.00 min
 Lab File: BG038580.D
 Acq: 14 Dec 2018 23:04

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
91	68.3	54.5	81.7	
206	22.6	19.0	28.6	





#81

Benzo(a)anthracene

Concen: 43.186 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BG038580.D

Acq: 14 Dec 2018 23:04

Instrument :

BNA_G

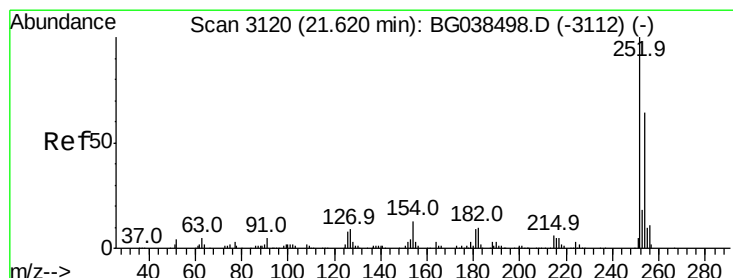
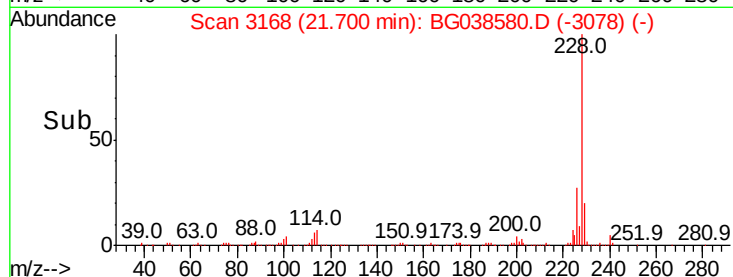
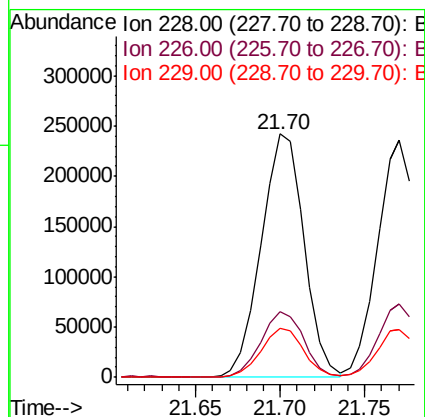
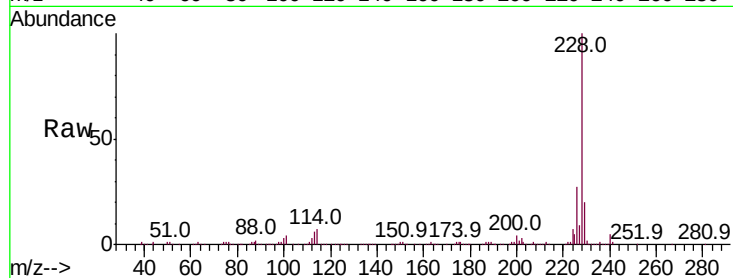
ClientSampleId :

PB115428BS

Tot Ion:	228	Resp:	426749
Ion Ratio	Lower	Upper	
228	100		
226	27.0	21.8	32.8
229	20.0	15.8	23.6

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 28.116 ng

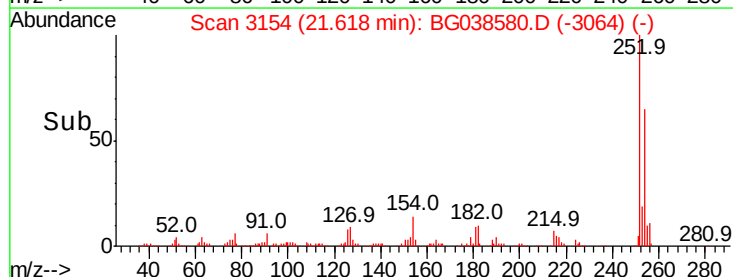
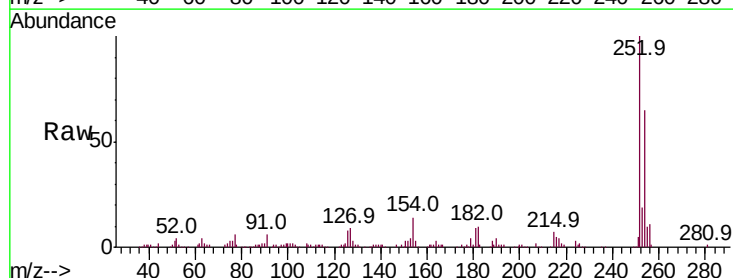
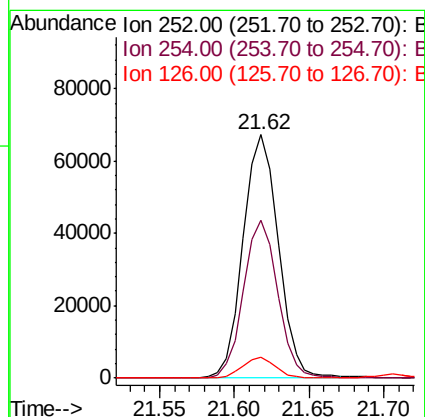
RT: 21.62 min Scan# 3154

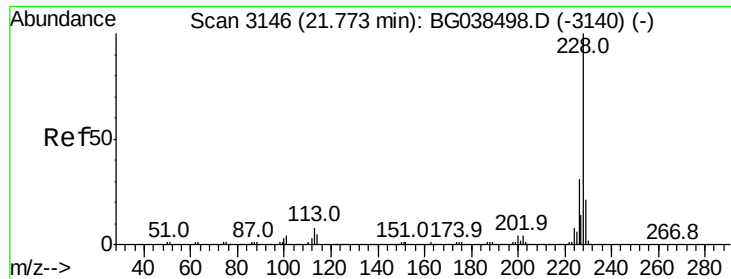
Delta R.T. -0.00 min

Lab File: BG038580.D

Acq: 14 Dec 2018 23:04

Tgt Ion:	252	Resp:	110189
Ion Ratio	Lower	Upper	
252	100		
254	64.8	50.9	76.3
126	8.4	6.3	9.5





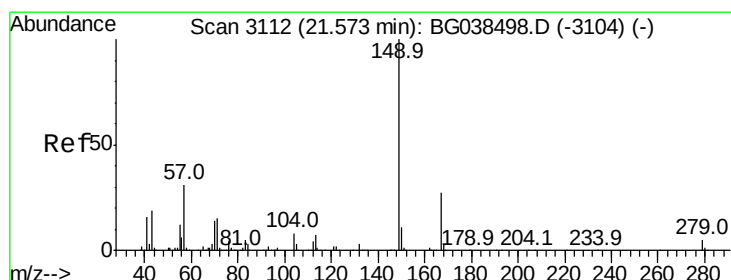
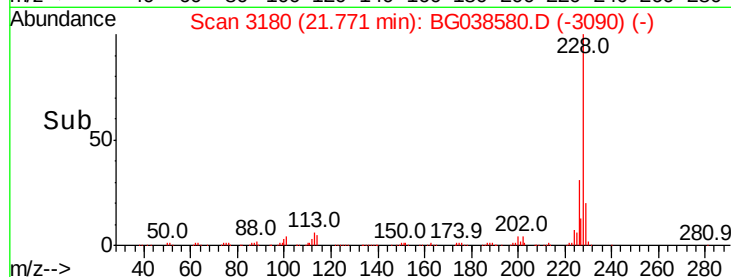
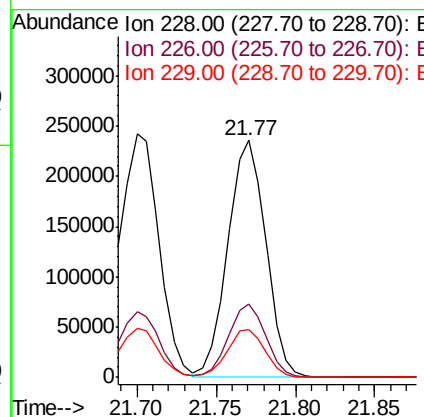
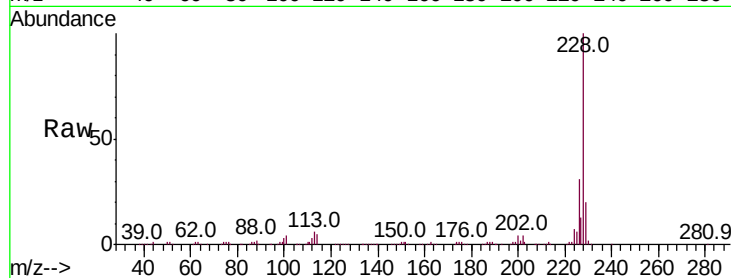
#83
 Chrysene
 Concen: 41.030 ng
 RT: 21.77 min Scan# 3180
 Delta R.T. -0.00 min
 Lab File: BG038580.D
 Acq: 14 Dec 2018 23:04

Instrument :
 BNA_G
 ClientSampled :
 PB115428BS

Tot Ion:	228	Resp:	390523
Ion Ratio	Lower	Upper	
228	100		
226	31.0	25.0	37.4
229	20.0	16.5	24.7

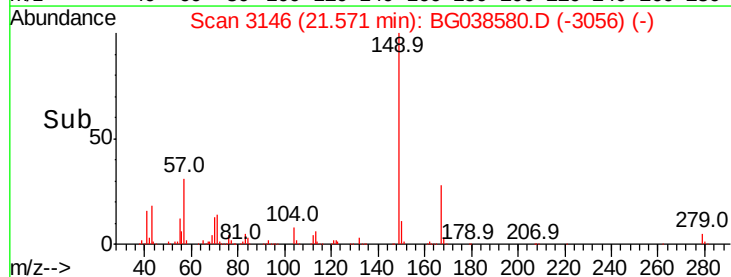
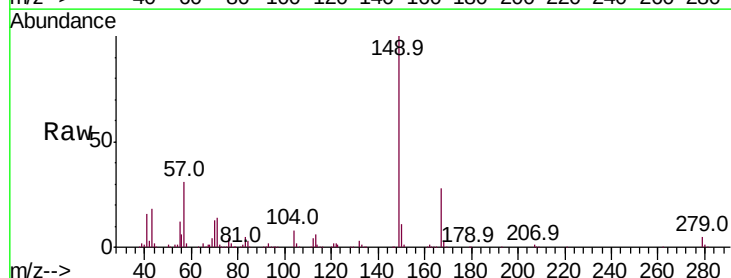
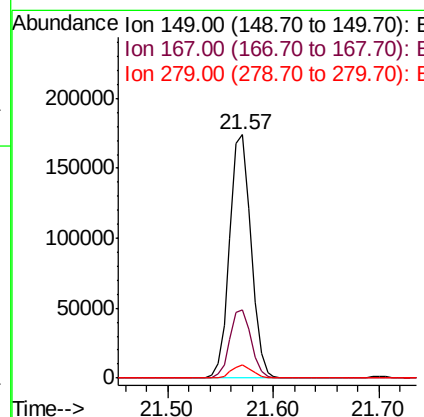
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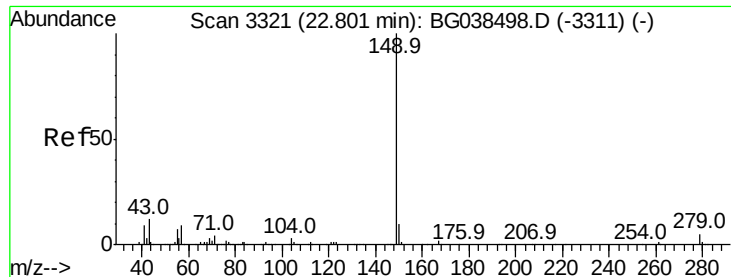
Sohil
 12/17/2018 4:11:52 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.229 ng
 RT: 21.57 min Scan# 3146
 Delta R.T. -0.00 min
 Lab File: BG038580.D
 Acq: 14 Dec 2018 23:04

Tgt Ion:	149	Resp:	244747
Ion Ratio	Lower	Upper	
149	100		
167	27.8	21.9	32.9
279	5.5	4.2	6.2





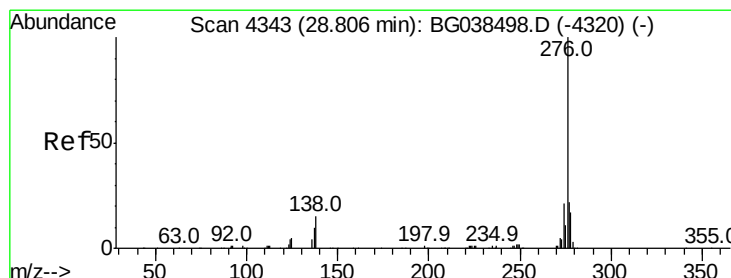
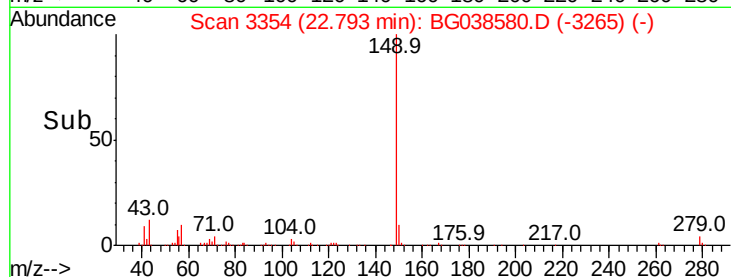
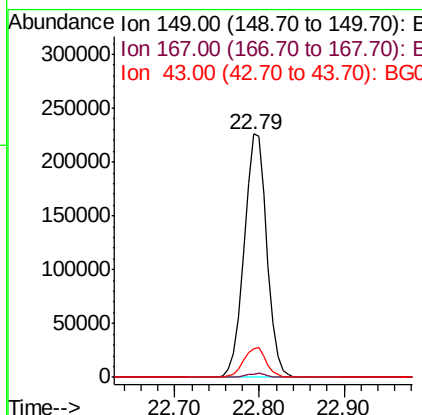
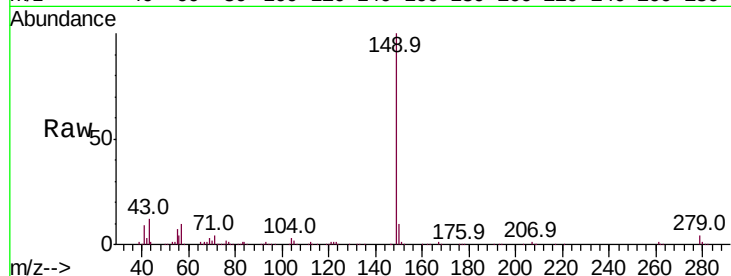
#85
Di-n-octyl phthalate
Concen: 42.036 ng
RT: 22.79 min Scan# 3354
Delta R.T. -0.01 min
Lab File: BG038580.D
Acq: 14 Dec 2018 23:04

Instrument :
BNA_G
ClientSampleId :
PB115428BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	12.0	9.3	13.9

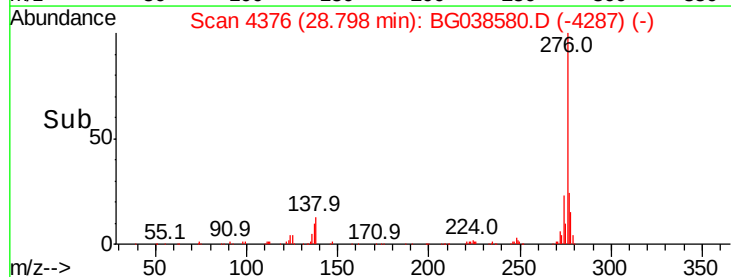
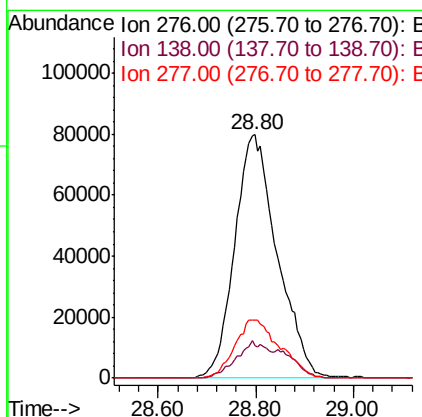
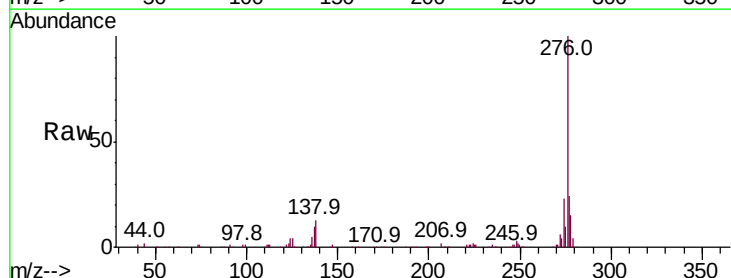
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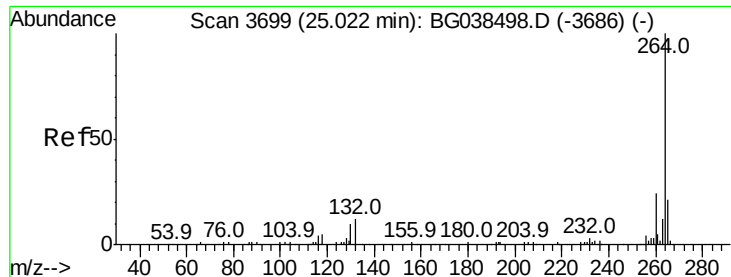
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 43.179 ng
RT: 28.80 min Scan# 4376
Delta R.T. -0.01 min
Lab File: BG038580.D
Acq: 14 Dec 2018 23:04

Tgt Ion	Ratio	Lower	Upper
276	100		
138	11.7	14.4	21.6#
277	25.4	0.0	0.0#





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.02 min Scan# 3733

Delta R.T. -0.00 min

Lab File: BG038580.D

Acq: 14 Dec 2018 23:04

Instrument :

BNA_G

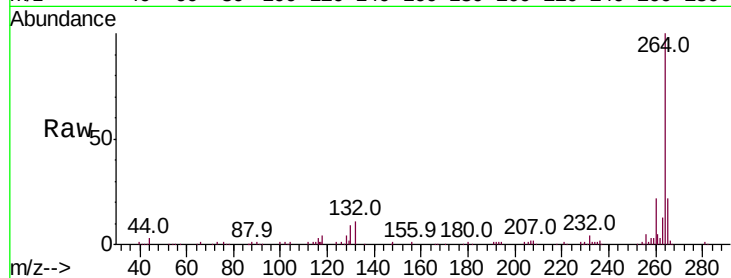
ClientSampleId :

PB115428BS

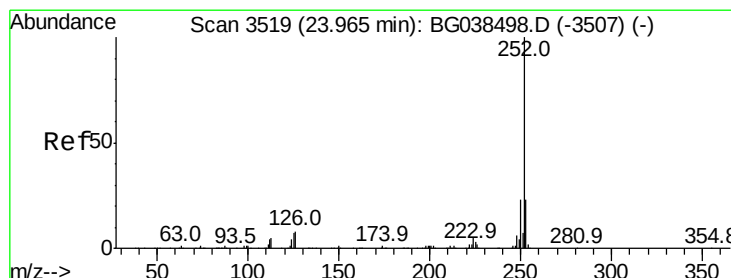
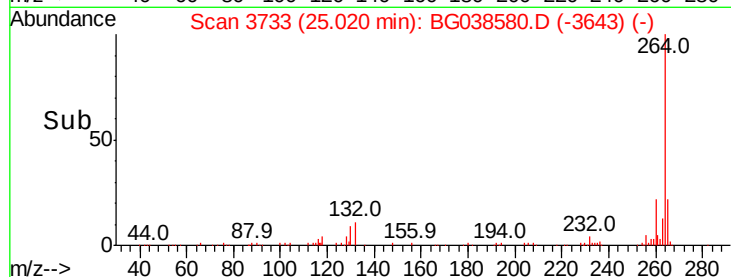
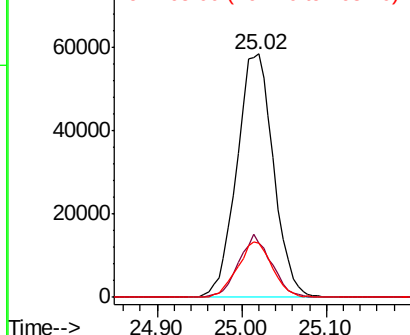
Tot Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.9	28.3
265	22.3	17.0	25.4

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



#88

Benzo(b)fluoranthene

Concen: 43.601 ng

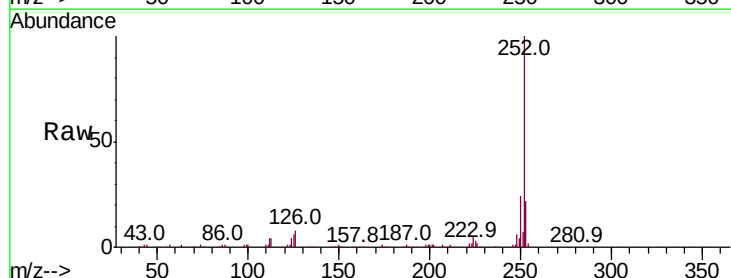
RT: 23.96 min Scan# 3553

Delta R.T. -0.00 min

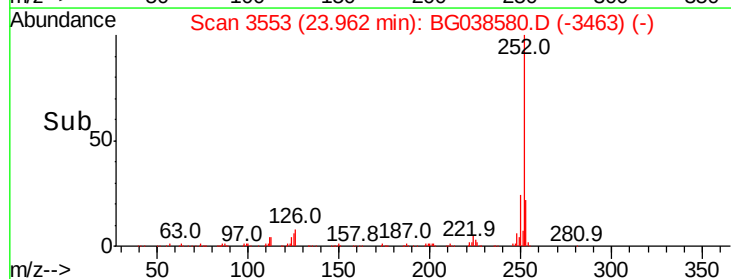
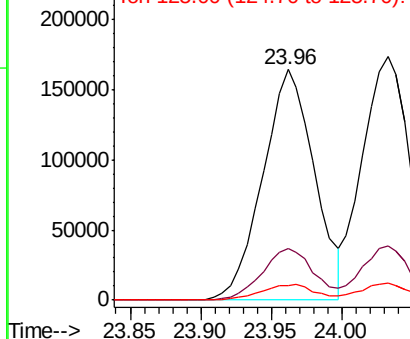
Lab File: BG038580.D

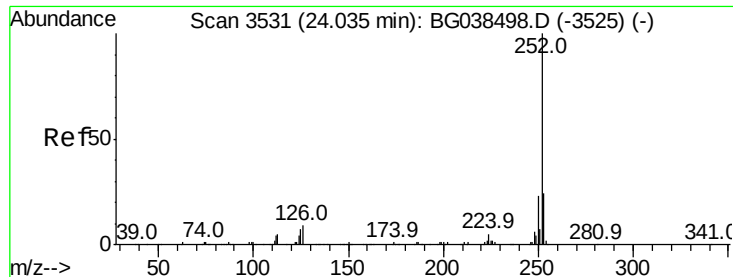
Acq: 14 Dec 2018 23:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	6.4	5.5	8.3



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





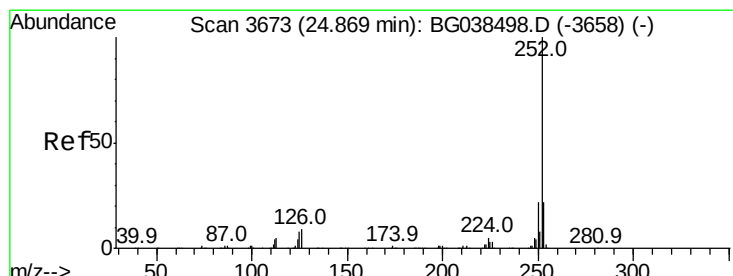
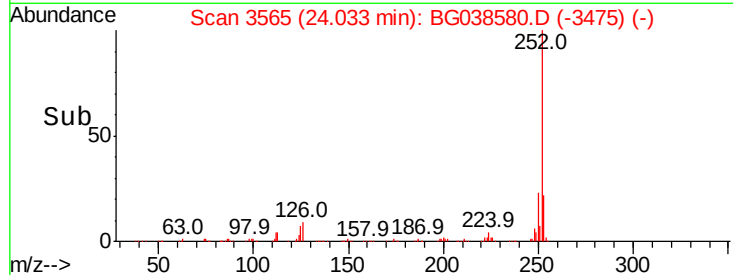
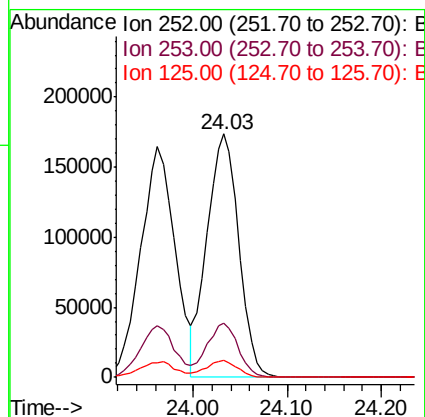
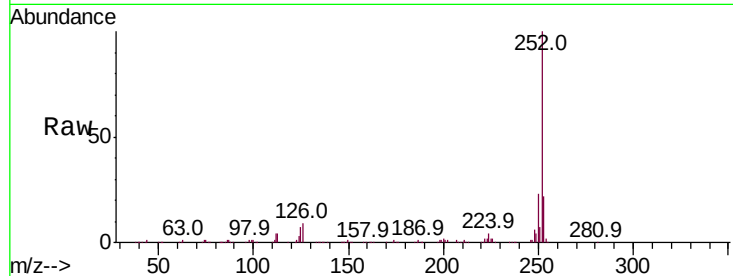
#89
Benzo(k)fluoranthene
Concen: 42.682 ng
RT: 24.03 min Scan# 3565
Delta R.T. -0.00 min
Lab File: BG038580.D
Acq: 14 Dec 2018 23:04

Instrument :
BNA_G
ClientSampleId :
PB115428BS

Tot Ion:	252	Resp:	409721
Ion Ratio	Lower	Upper	
252	100		
253	22.2	18.9	28.3
125	7.0	5.4	8.2

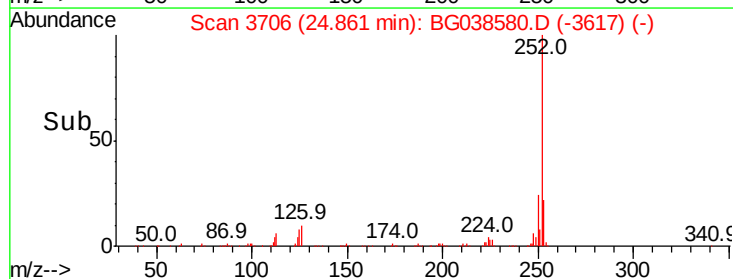
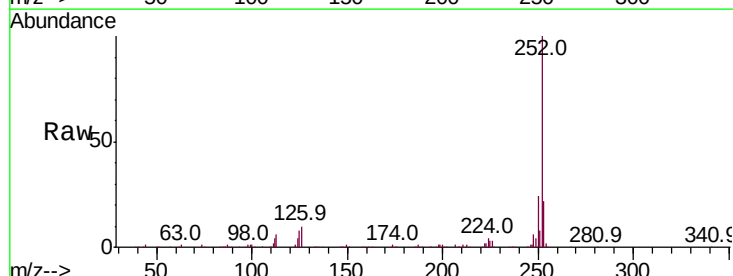
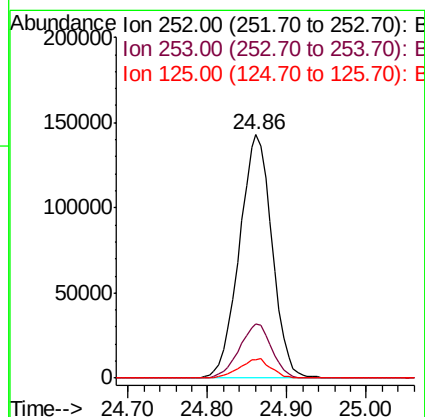
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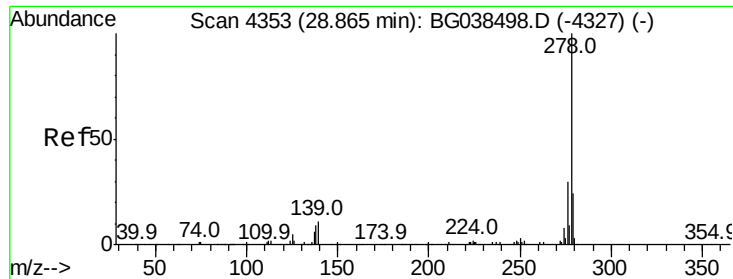
Sohil
12/17/2018 4:11:52 PM



#90
Benzo(a)pyrene
Concen: 43.903 ng
RT: 24.86 min Scan# 3706
Delta R.T. -0.01 min
Lab File: BG038580.D
Acq: 14 Dec 2018 23:04

Tgt Ion:	252	Resp:	408301
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.4	26.0
125	7.6	6.4	9.6





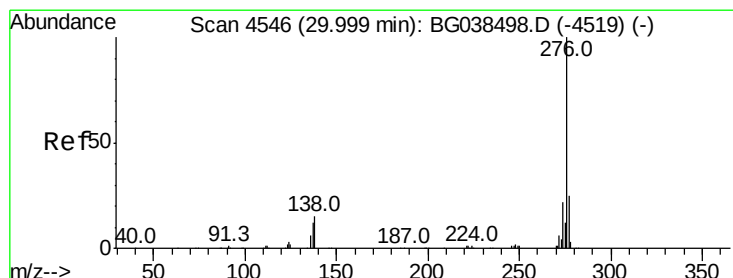
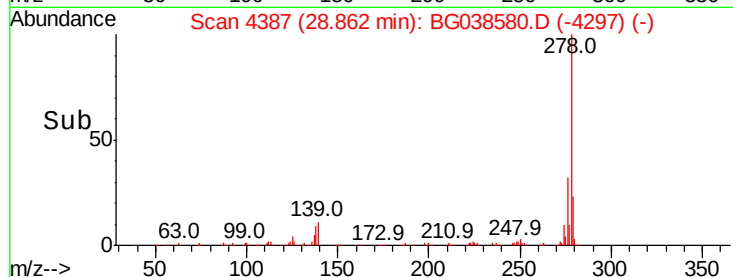
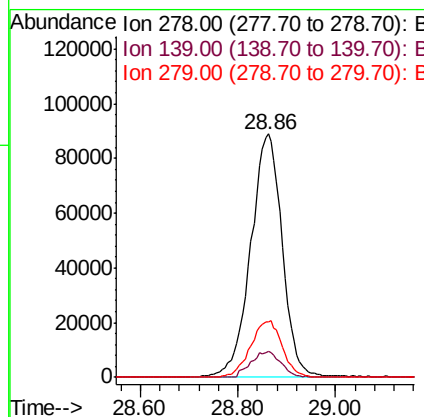
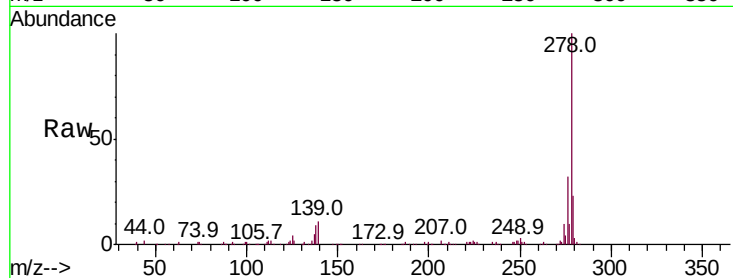
#91
Dibenzo(a,h)anthracene
Concen: 43.390 ng
RT: 28.86 min Scan# 4387
Delta R.T. -0.00 min
Lab File: BG038580.D
Acq: 14 Dec 2018 23:04

Instrument :
BNA_G
ClientSampleId :
PB115428BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.8	8.6	12.8
279	22.8	19.0	28.6

Manual Integrations
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Sohil
12/17/2018 4:11:52 PM



#92
Benzo(g,h,i)perylene
Concen: 43.342 ng
RT: 30.00 min Scan# 4580
Delta R.T. -0.00 min
Lab File: BG038580.D
Acq: 14 Dec 2018 23:04

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.5	19.8	29.8
138	13.2	11.8	17.6

