

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121918\
 Data File : BG038732.D
 Acq On : 19 Dec 2018 18:25
 Operator : JU/SJ
 Sample : PB115792BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115792BS

Manual Integrations
 APPROVED

Sohil
 12/20/2018 1:06:38 PM

Quant Time: Dec 20 00:22:46 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	23833	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	93979	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	63182	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	160138	20.00	ng	0.00
76) Chrysene-d12	21.72	240	161639	20.00	ng	0.00
87) Perylene-d12	25.02	264	172747	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	188531	140.30	ng	0.00
7) Phenol-d6	7.21	99	256644	139.13	ng	0.00
23) Nitrobenzene-d5	9.23	82	124562	67.71	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	128136	147.15	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	317849	69.01	ng	0.00
79) Terphenyl-d14	20.04	244	633538	85.30	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	21937	35.078	ng	95
3) Pyridine	3.89	79	59644	34.640	ng	99
4) n-Nitrosodimethylamine	3.82	42	36186	42.892	ng	# 90
6) Aniline	7.39	93	71178	30.226	ng	96
8) 2-Chlorophenol	7.62	128	67178	43.201	ng	96
9) Benzaldehyde	7.20	77	21026	17.570	ng	95
10) Phenol	7.24	94	84373	43.052	ng	97
11) bis(2-Chloroethyl)ether	7.48	93	55049	35.281	ng	95
12) 1,3-Dichlorobenzene	7.94	146	70590	38.393	ng	99
13) 1,4-Dichlorobenzene	8.09	146	71396	37.915	ng	98
14) 1,2-Dichlorobenzene	8.41	146	69252	39.010	ng	98
15) Benzyl Alcohol	8.30	79	61276	42.558	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.57	45	119762	33.507	ng	97
17) 2-Methylphenol	8.50	107	58117	44.262	ng	98
18) Hexachloroethane	9.13	117	25629	37.247	ng	90
19) n-Nitroso-di-n-propylamine	8.86	70	46875	36.180	ng	98
20) 3+4-Methylphenols	8.82	107	79488	43.835	ng	98
22) Acetophenone	8.89	105	95678	40.759	ng	# 96
24) Nitrobenzene	9.27	77	74188	39.865	ng	98
25) Isophorone	9.79	82	132827	40.187	ng	99
26) 2-Nitrophenol	9.98	139	39015	40.961	ng	94
27) 2,4-Dimethylphenol	10.03	122	66936	49.035	ng	94
28) bis(2-Chloroethoxy)methane	10.27	93	75925	40.705	ng	95
29) 2,4-Dichlorophenol	10.52	162	72911	48.011	ng	98
30) 1,2,4-Trichlorobenzene	10.73	180	76609	41.764	ng	97
31) Naphthalene	10.93	128	203095	43.861	ng	98
32) Benzoic acid	10.18	122	28060m	35.673	ng	
33) 4-Chloroaniline	11.04	127	49038	24.393	ng	96
34) Hexachlorobutadiene	11.18	225	51145	41.206	ng	97
35) Caprolactam	11.82	113	24188	38.487	ng	94
36) 4-Chloro-3-methylphenol	12.15	107	75101	43.336	ng	94
37) 2-Methylnaphthalene	12.52	142	154329	46.718	ng	100
38) 1-Methylnaphthalene	12.74	142	144169	44.975	ng	93
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	95621	40.488	ng	99

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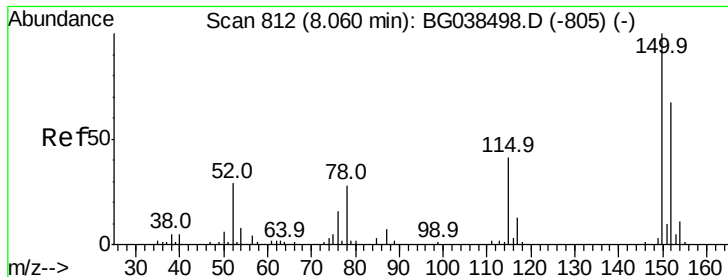
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	110106	84.859	ng	94
43) 2,4,6-Trichlorophenol	13.13	196	64547	44.450	ng	94
44) 2,4,5-Trichlorophenol	13.20	196	71753	46.669	ng	97
46) 1,1'-Biphenyl	13.53	154	204822	38.670	ng	98
47) 2-Chloronaphthalene	13.57	162	165575	40.469	ng	98
48) 2-Nitroaniline	13.79	65	52781	40.501	ng	92
49) Acenaphthylene	14.42	152	271602	44.405	ng	98
50) Dimethylphthalate	14.14	163	214352	41.544	ng	98
51) 2,6-Dinitrotoluene	14.28	165	48979	41.889	ng	96
52) Acenaphthene	14.76	154	152965	41.823	ng	99
53) 3-Nitroaniline	14.61	138	36197	30.368	ng	97
54) 2,4-Dinitrophenol	14.82	184	43061	63.067	ng	98
55) Dibenzofuran	15.09	168	261977	41.786	ng	97
56) 4-Nitrophenol	14.91	139	73024	80.759	ng	96
57) 2,4-Dinitrotoluene	15.06	165	70244	42.653	ng	95
58) Fluorene	15.74	166	210281	45.271	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.32	232	62763	45.373	ng	100
60) Diethylphthalate	15.50	149	221125	39.039	ng	99
61) 4-Chlorophenyl-phenylether	15.73	204	118564	40.911	ng	100
62) 4-Nitroaniline	15.78	138	51284	41.793	ng	90
63) Azobenzene	16.02	77	187655	39.658	ng	96
65) 4,6-Dinitro-2-methylphenol	15.82	198	42546	37.244	ng	92
66) n-Nitrosodiphenylamine	15.95	169	194499	41.337	ng	98
67) 4-Bromophenyl-phenylether	16.62	248	80700	41.263	ng	99
68) Hexachlorobenzene	16.74	284	84546	41.703	ng	96
69) Atrazine	16.89	200	79899	45.757	ng	96
70) Pentachlorophenol	17.09	266	84023	70.069	ng	99
71) Phenanthrene	17.49	178	366478	44.132	ng	99
72) Anthracene	17.58	178	375703	45.829	ng	99
73) Carbazole	17.85	167	330625	40.779	ng	98
74) Di-n-butylphthalate	18.38	149	382058	41.068	ng	99
75) Fluoranthene	19.49	202	457566	44.534	ng	97
77) Benzidine	19.67	184	188784	39.492	ng	99
78) Pyrene	19.86	202	460544	43.129	ng	100
80) Butylbenzylphthalate	20.72	149	174013	41.711	ng	99
81) Benzo(a)anthracene	21.70	228	445056	45.186	ng	100
82) 3,3'-Dichlorobenzidine	21.62	252	120409	30.824	ng	99
83) Chrysene	21.77	228	413488	43.585	ng	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	242437	40.974	ng	98
85) Di-n-octyl phthalate	22.79	149	413894	41.768	ng	98
86) Indeno(1,2,3-cd)pyrene	28.80	276	506402	45.403	ng	# 76
88) Benzo(b)fluoranthene	23.96	252	448571	47.295	ng	99
89) Benzo(k)fluoranthene	24.03	252	430084	45.538	ng	97
90) Benzo(a)pyrene	24.86	252	434823	47.521	ng	98
91) Dibenzo(a,h)anthracene	28.86	278	420216	46.124	ng	97
92) Benzo(g,h,i)perylene	29.99	276	417734	46.526	ng	97

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



#1

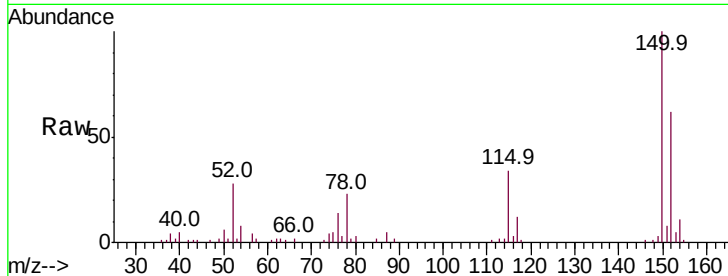
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038732.D
Acq: 19 Dec 2018 18:25

Instrument :
BNA_G
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PB115792BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.3	119.5	179.3
115	55.1	49.6	74.4

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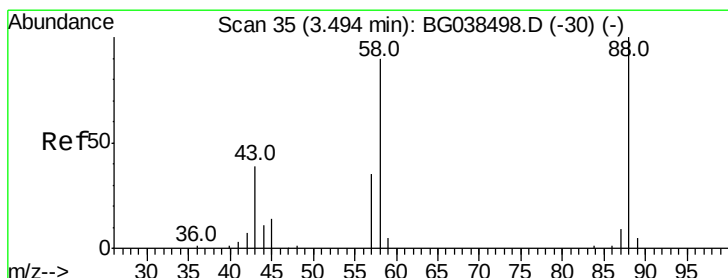
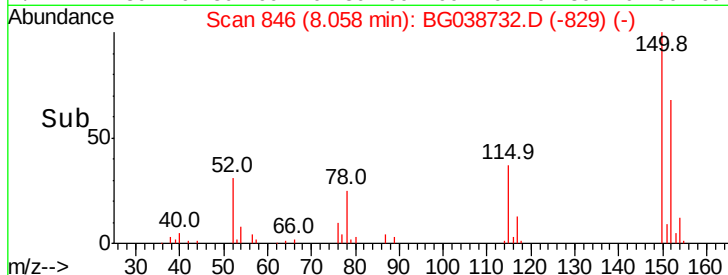
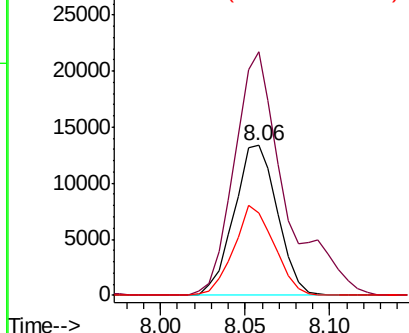


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

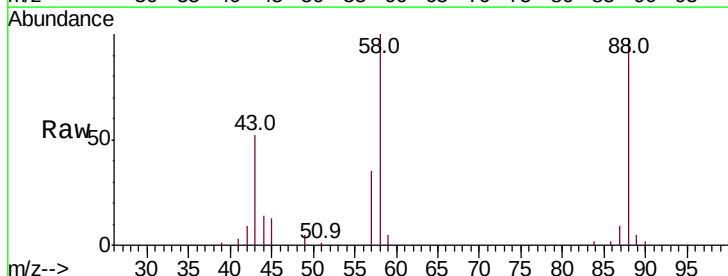
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 35.078 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.01 min
Lab File: BG038732.D
Acq: 19 Dec 2018 18:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	97.5	75.7	113.5
43	45.6	31.6	47.4

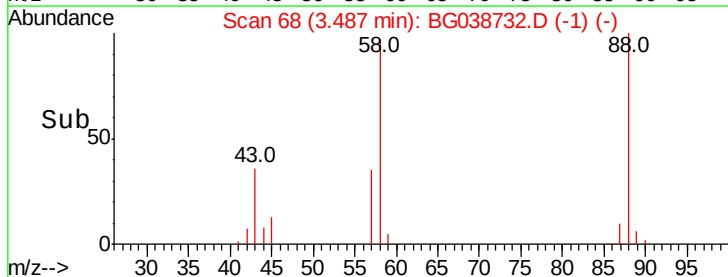
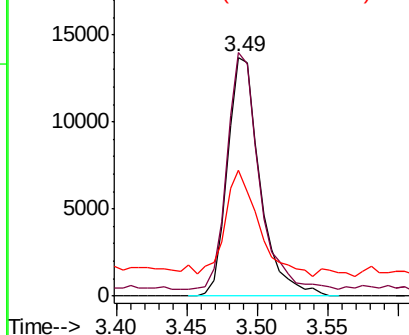


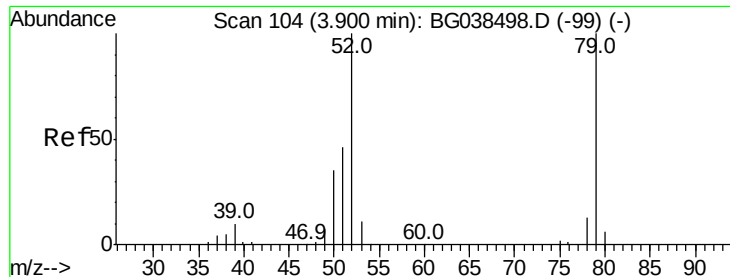
Abundance

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: 34.640 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.01 min

Lab File: BG038732.D

Acq: 19 Dec 2018 18:25

Instrument :

BNA_G

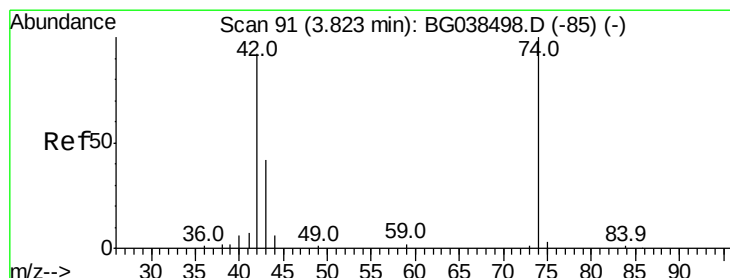
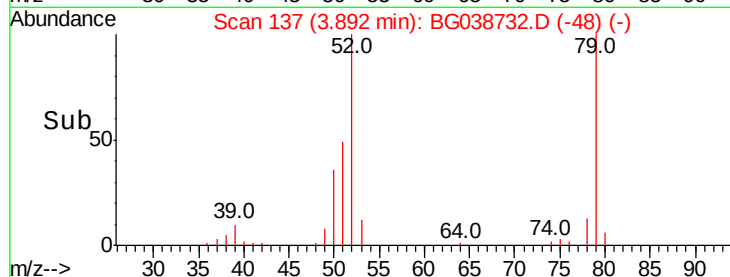
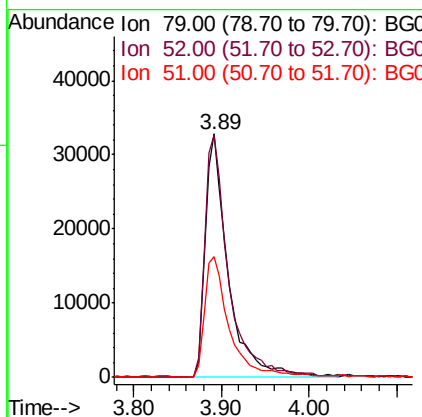
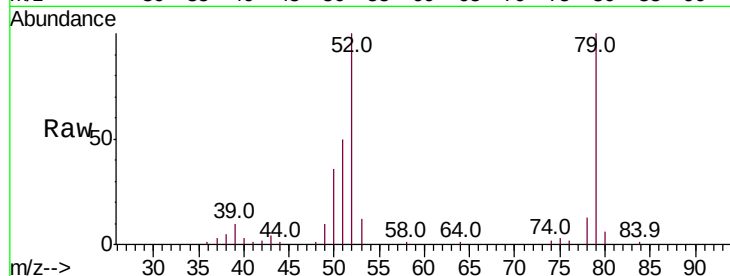
ClientSampleId :

PB115792BS

Tot Ion:	79	Resp:	59644
Ion	Ratio	Lower	Upper
79	100		
52	99.6	80.2	120.2
51	49.7	38.0	57.0

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#4

n-Nitrosodimethylamine

Concen: 42.892 ng

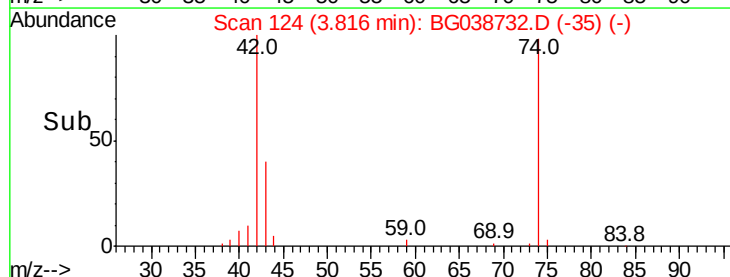
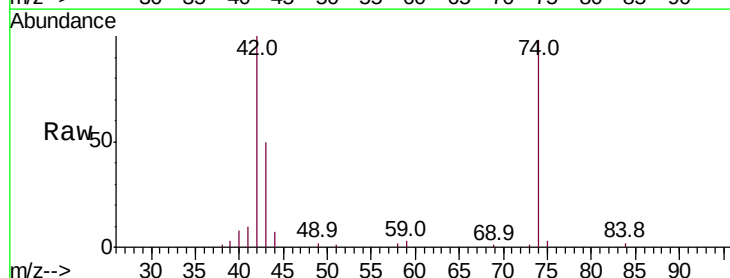
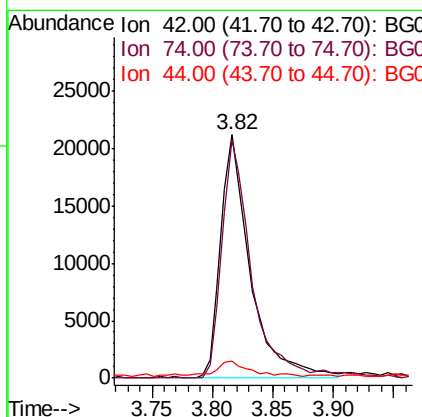
RT: 3.82 min Scan# 124

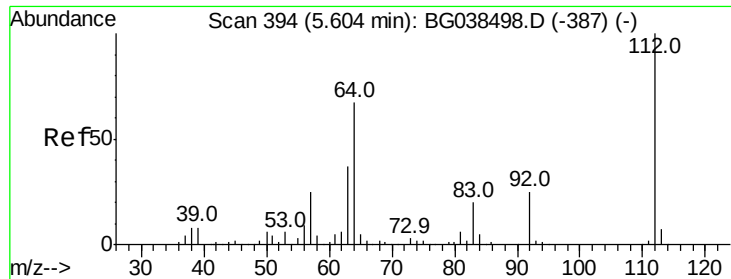
Delta R.T. -0.01 min

Lab File: BG038732.D

Acq: 19 Dec 2018 18:25

Tgt Ion:	42	Resp:	36186
Ion	Ratio	Lower	Upper
42	100		
74	97.9	86.7	130.1
44	6.7	7.8	11.8#





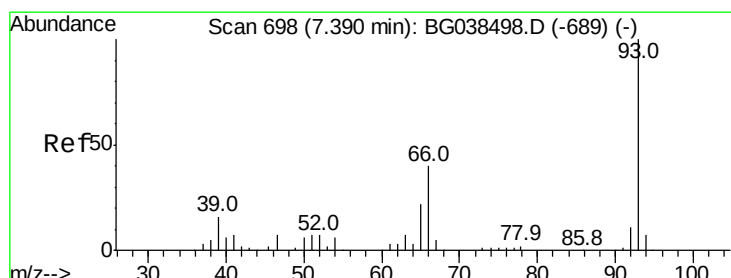
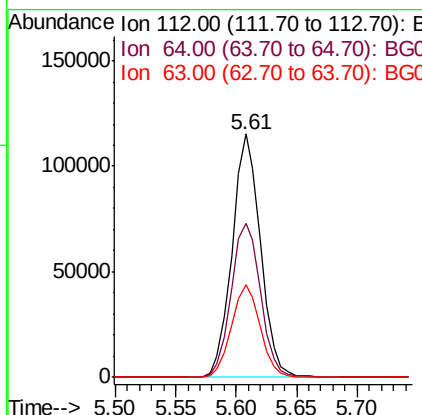
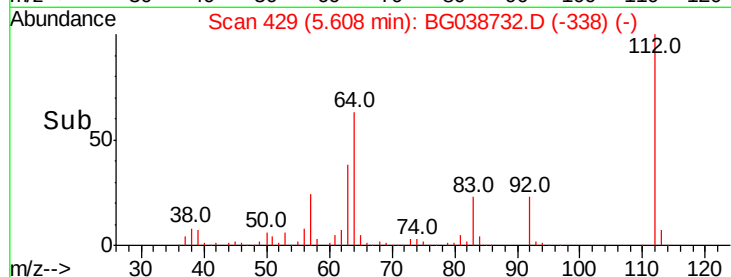
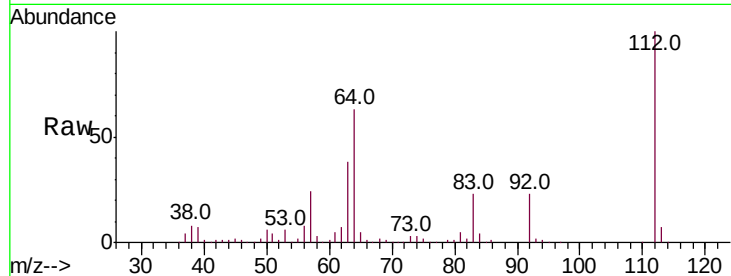
#5
 2-Fluorophenol
 Concen: 140.305 ng
 RT: 5.61 min Scan# 429
 Delta R.T. 0.00 min
 Lab File: BG038732.D
 Acq: 19 Dec 2018 18:25

Instrument :
 BNA_G
 ClientSampleId :
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Tot Ion:	112	Resp:	188531
Ion Ratio	Lower	Upper	
112	100		
64	63.0	53.4	80.2
63	37.8	29.3	43.9

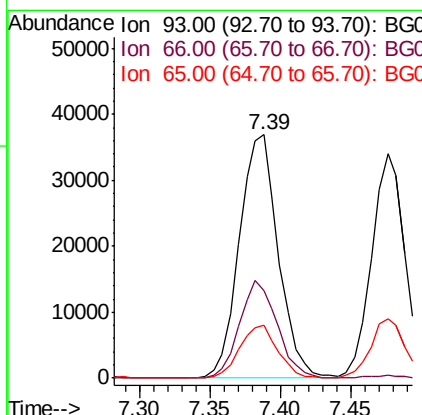
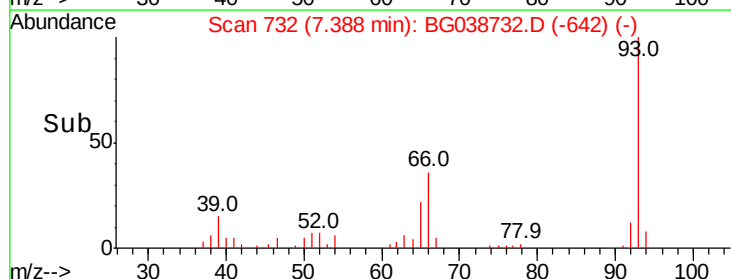
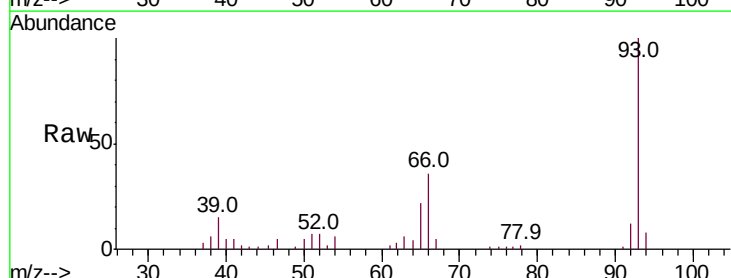
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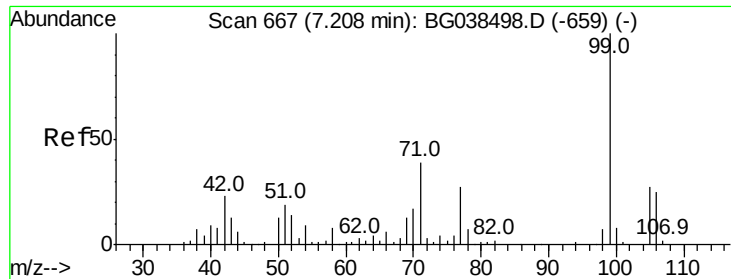
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#6
 Aniline
 Concen: 30.226 ng
 RT: 7.39 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BG038732.D
 Acq: 19 Dec 2018 18:25

Tgt Ion:	93	Resp:	71178
Ion Ratio	Lower	Upper	
93	100		
66	36.0	31.7	47.5
65	21.7	17.8	26.6





#7

Phenol-d6

Concen: 139.127 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038732.D

Acq: 19 Dec 2018 18:25

Instrument :

BNA_G

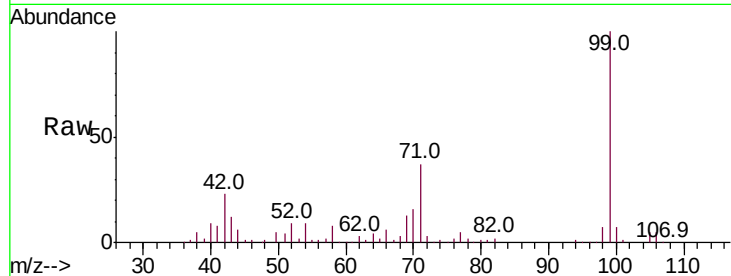
ClientSampleId :

PB115792BS

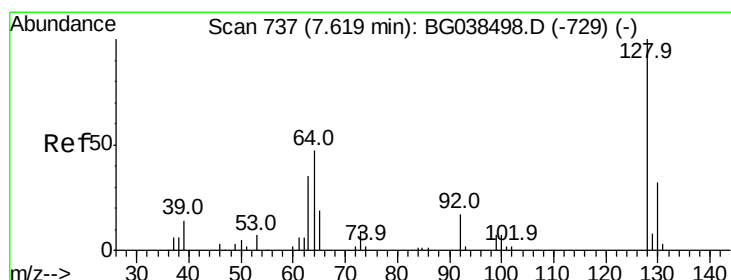
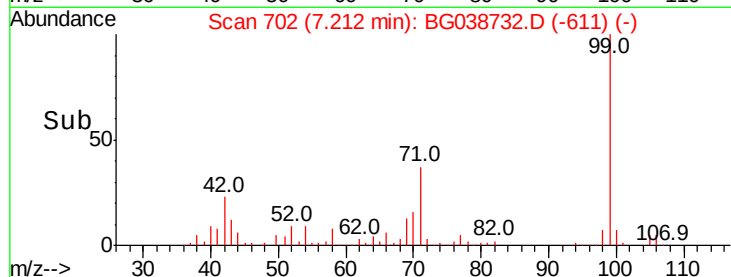
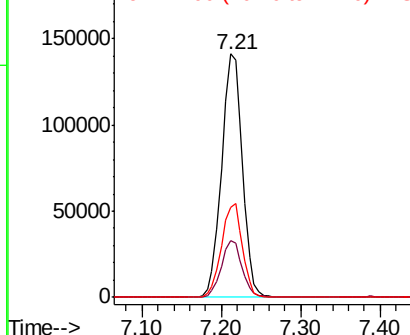
Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		256644		
42	23.3	18.5	27.7		
71	36.9	31.1	46.7		

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



#8

2-Chlorophenol

Concen: 43.201 ng

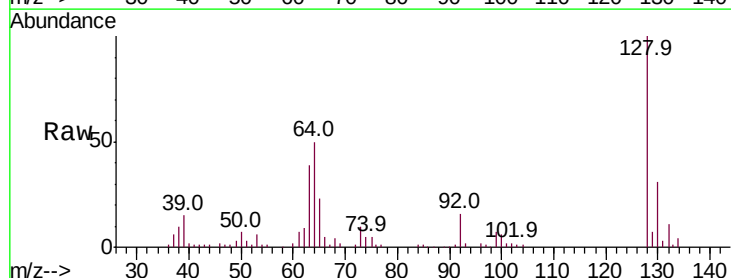
RT: 7.62 min Scan# 771

Delta R.T. -0.00 min

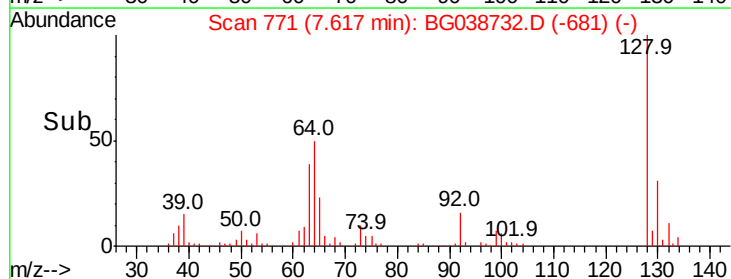
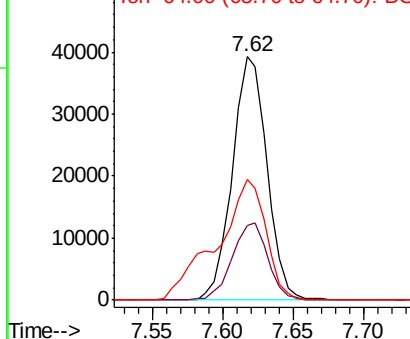
Lab File: BG038732.D

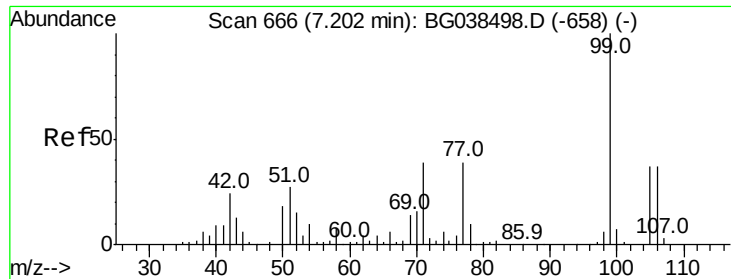
Acq: 19 Dec 2018 18:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		67178		
130	30.9	11.8	51.8		
64	49.7	33.2	73.2		



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





#9

Benzaldehyde

Concen: 17.570 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG038732.D

Acq: 19 Dec 2018 18:25

Instrument :

BNA_G

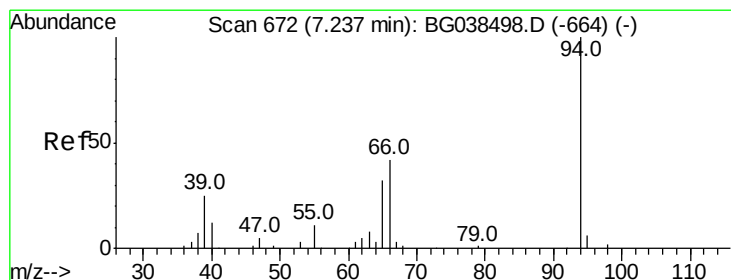
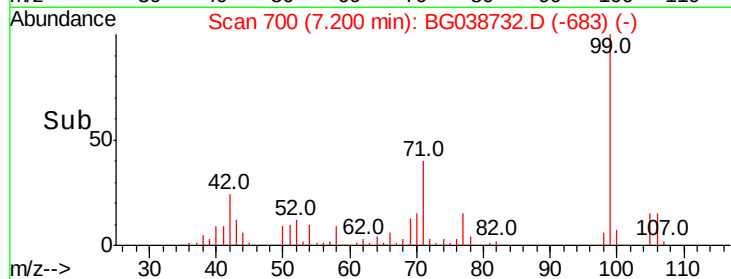
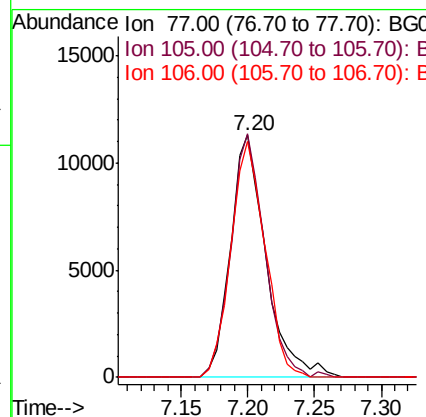
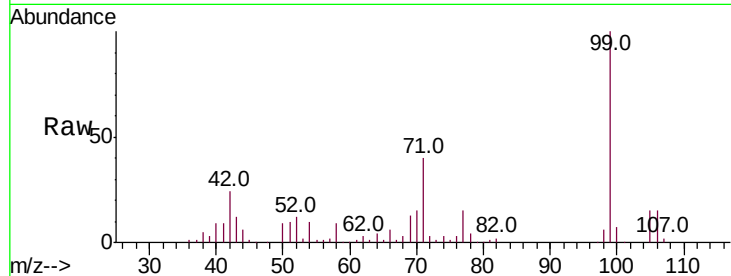
ClientSampleId :

PB115792BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	100.7	74.0	114.0
106	97.7	73.9	113.9

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#10

Phenol

Concen: 43.052 ng

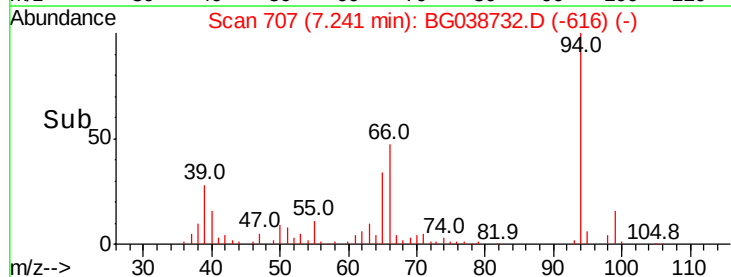
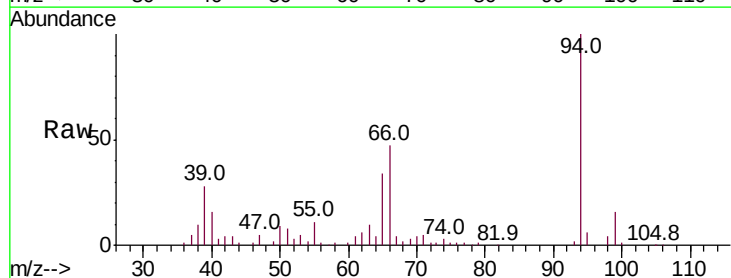
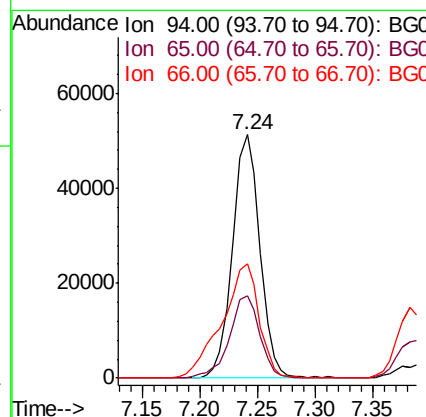
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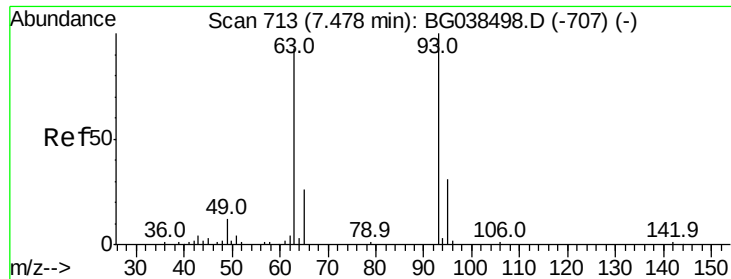
Delta R.T. 0.00 min

Lab File: BG038732.D

Acq: 19 Dec 2018 18:25

Tgt Ion	Ratio	Lower	Upper
94	100		
65	33.8	12.6	52.6
66	46.9	24.1	64.1





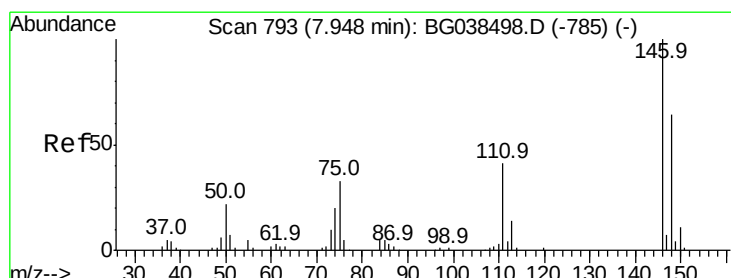
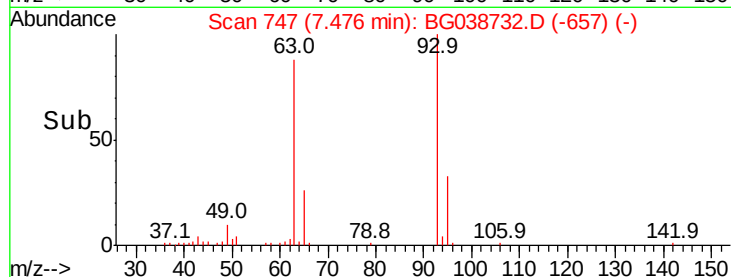
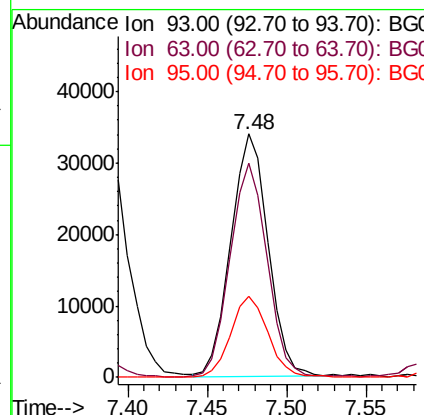
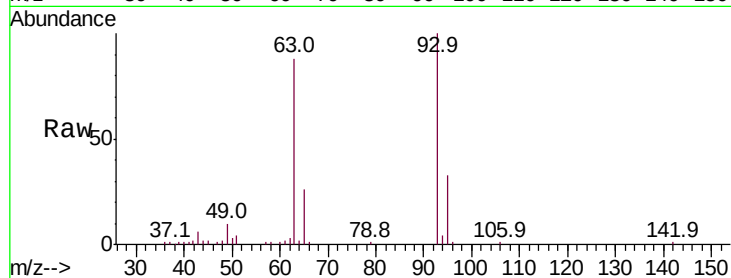
#11
bis(2-Chloroethyl)ether
Concen: 35.281 ng
RT: 7.48 min Scan# 747
Delta R.T. -0.00 min
Lab File: BG038732.D
Acq: 19 Dec 2018 18:25

Instrument :
BNA_G
ClientSampleId :
PB115792BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	87.7	72.2	112.2
95	33.4	11.2	51.2

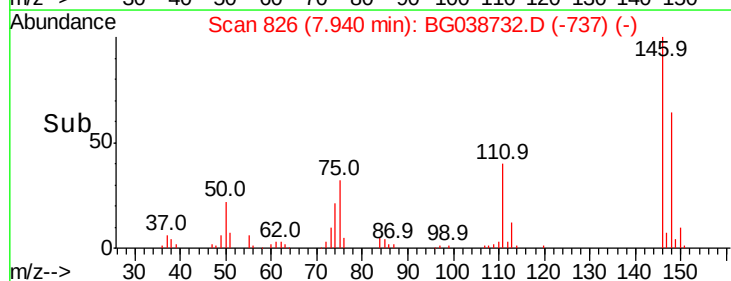
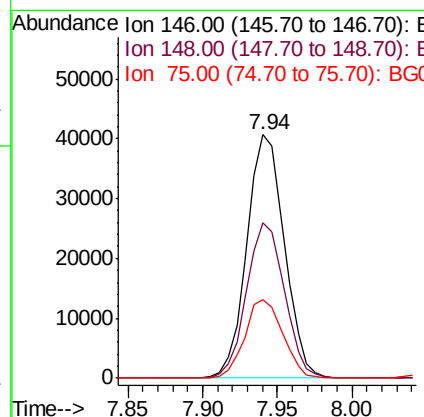
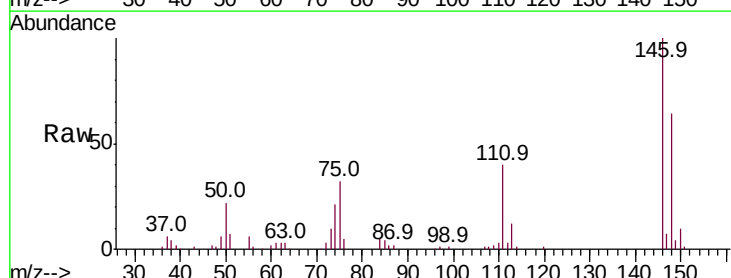
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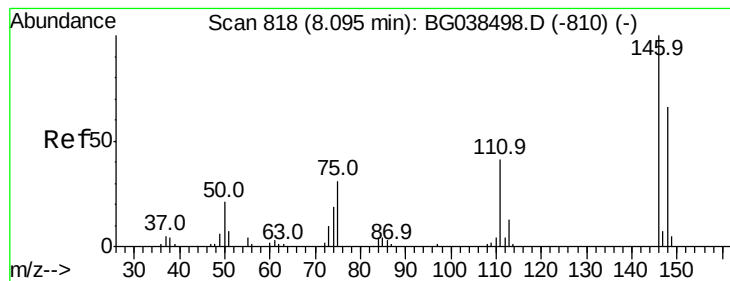
Sohil
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#12
1,3-Dichlorobenzene
Concen: 38.393 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG038732.D
Acq: 19 Dec 2018 18:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.4	77.0
75	32.3	26.1	39.1





#13

1,4-Dichlorobenzene

Concen: 37.915 ng

RT: 8.09 min Scan# 852

Delta R.T. -0.00 min

Lab File: BG038732.D

Acq: 19 Dec 2018 18:25

Instrument :

BNA_G

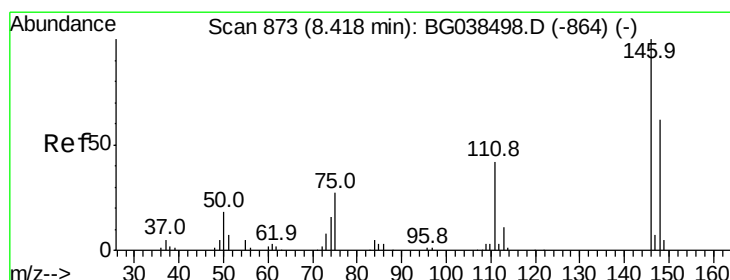
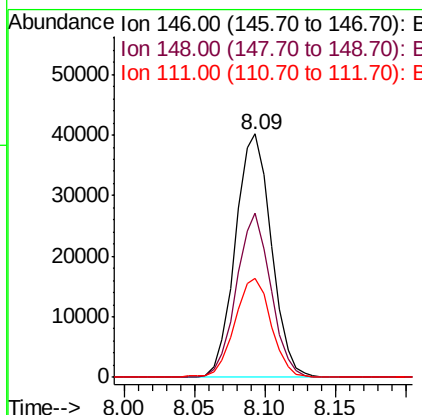
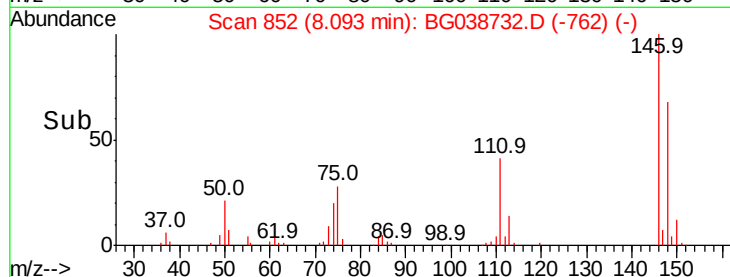
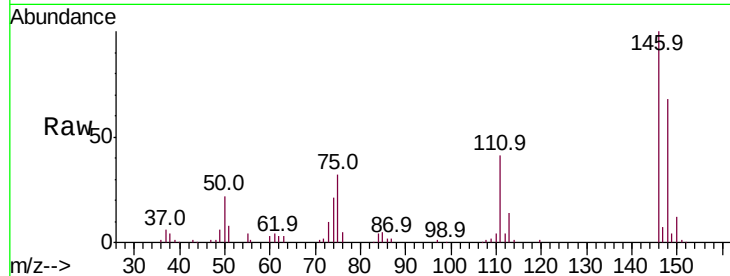
ClientSampleId :

PB115792BS

Tot Ion:	146	Resp:	71396
Ion Ratio	Lower	Upper	
146	100		
148	67.6	52.4	78.6
111	40.6	33.0	49.4

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#14

1,2-Dichlorobenzene

Concen: 39.010 ng

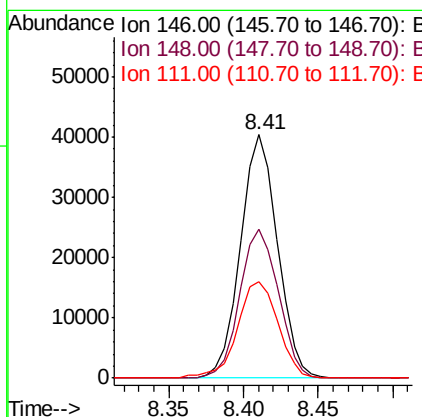
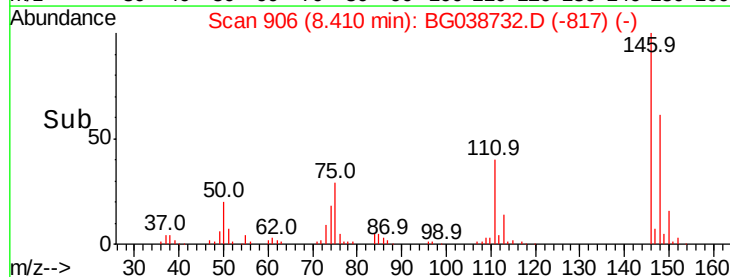
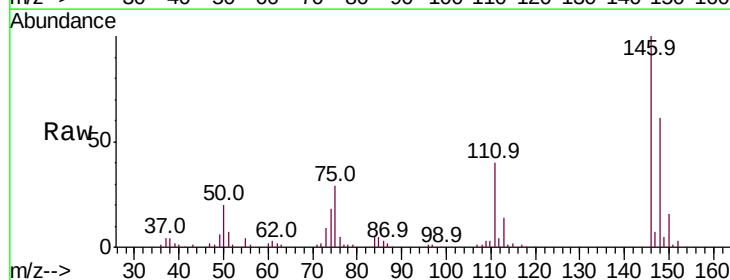
RT: 8.41 min Scan# 906

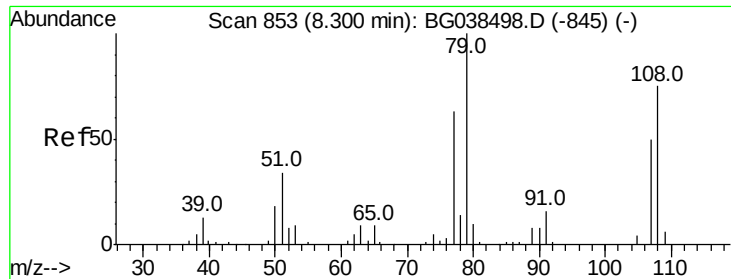
Delta R.T. -0.01 min

Lab File: BG038732.D

Acq: 19 Dec 2018 18:25

Tgt Ion:	146	Resp:	69252
Ion Ratio	Lower	Upper	
146	100		
148	61.2	49.4	74.0
111	39.6	33.8	50.6





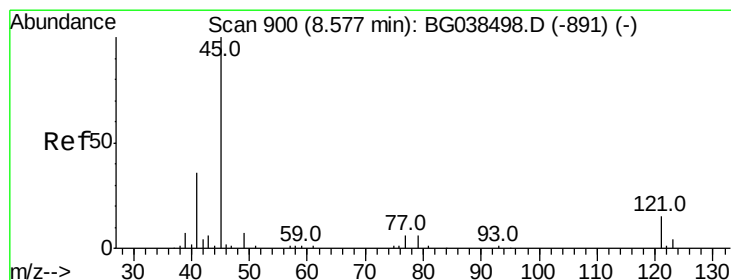
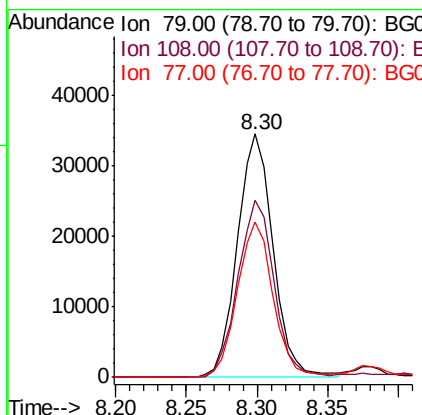
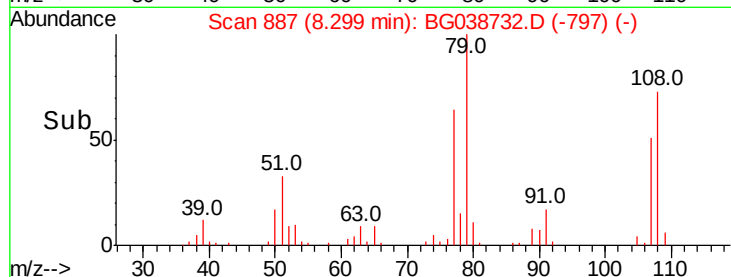
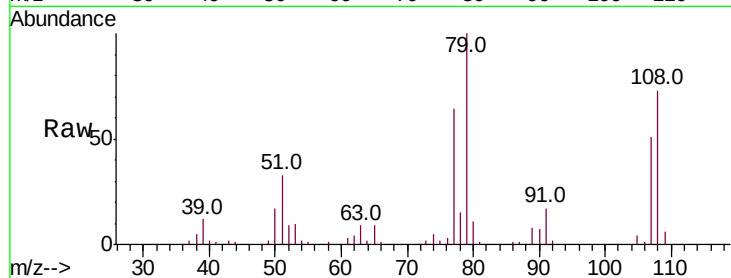
#15
Benzyl Alcohol
Concen: 42.558 ng
RT: 8.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BG038732.D
Acq: 19 Dec 2018 18:25

Instrument :
BNA_G
ClientSampleId :
PB115792BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	72.5	60.2	90.4
77	63.6	50.7	76.1

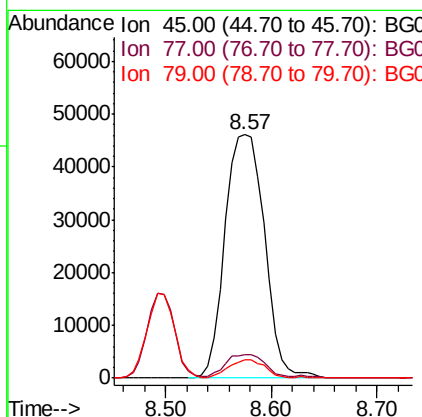
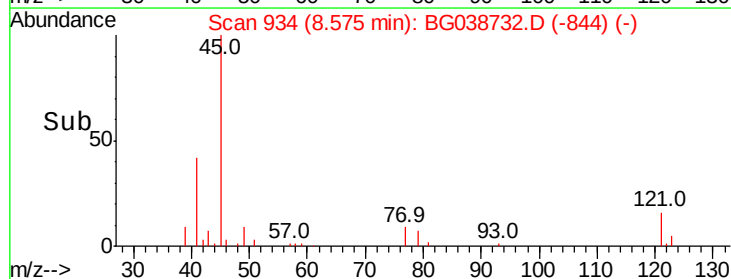
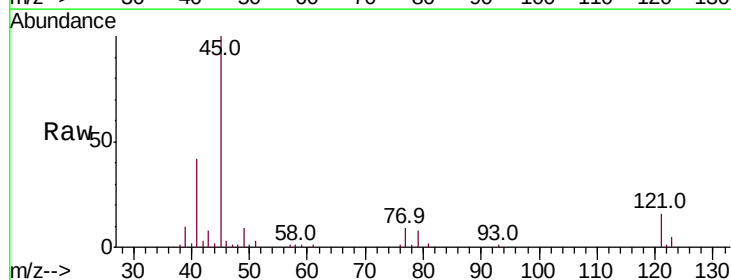
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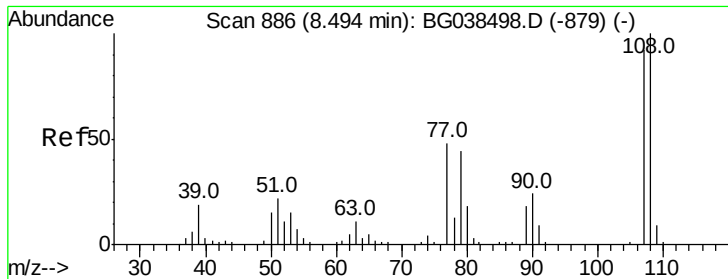
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#16
2,2'-oxybis(1-chloropropane)
Concen: 33.507 ng
RT: 8.57 min Scan# 934
Delta R.T. -0.00 min
Lab File: BG038732.D
Acq: 19 Dec 2018 18:25

Tgt Ion	Ratio	Lower	Upper
45	100		
77	9.4	0.0	28.2
79	7.8	0.0	27.2





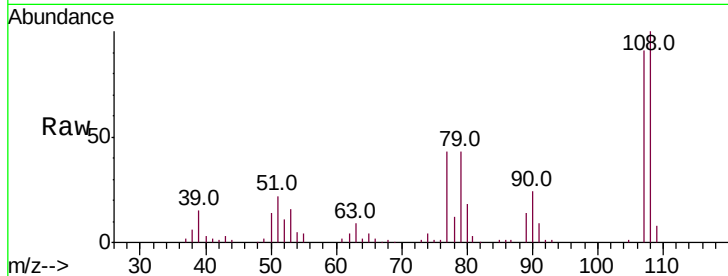
#17
2-Methylphenol
Concen: 44.262 ng
RT: 8.50 min Scan# 921
Delta R.T. 0.00 min
Lab File: BG038732.D
Acq: 19 Dec 2018 18:25

Instrument :
BNA_G
ClientSampleId :
PB115792BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.1	87.1	130.7	
77	47.8	42.0	63.0	
79	47.7	38.2	57.2	

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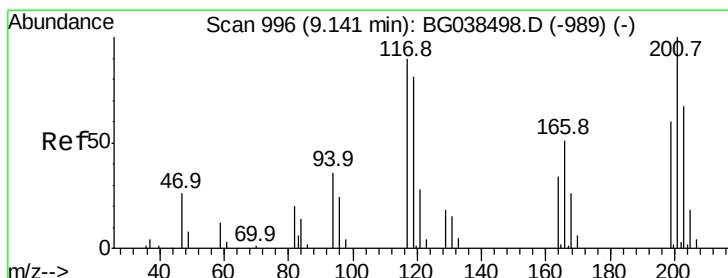
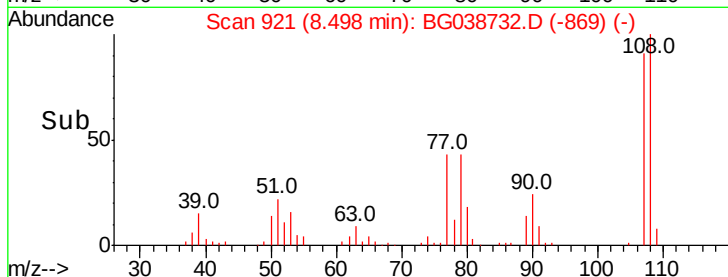
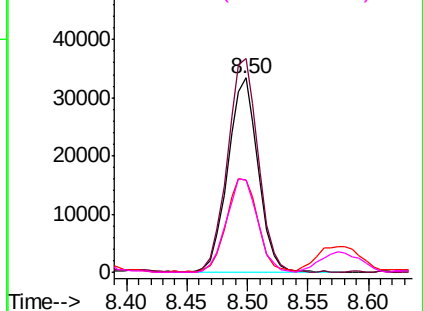
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 37.247 ng
RT: 9.13 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG038732.D
Acq: 19 Dec 2018 18:25

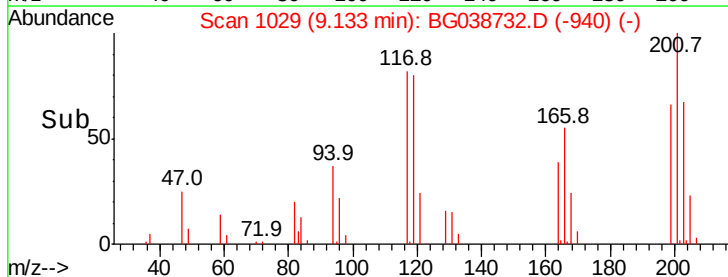
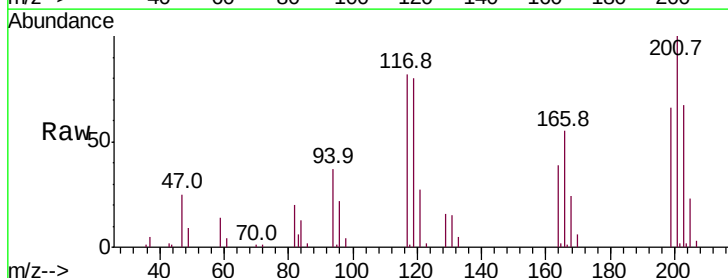
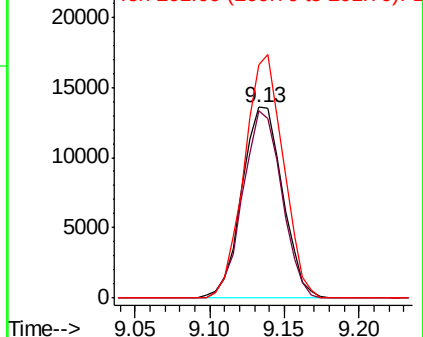
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.5	73.8	110.8	
201	125.1	89.4	134.0	

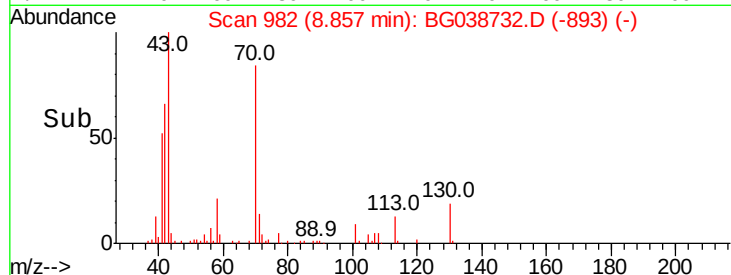
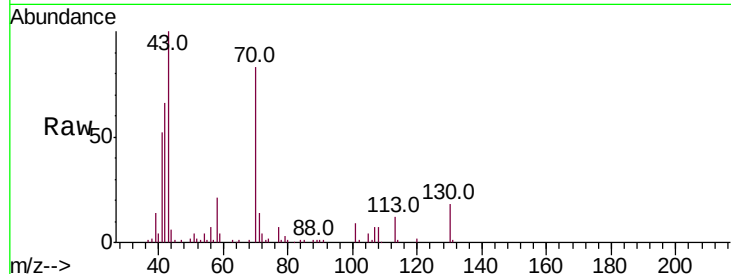
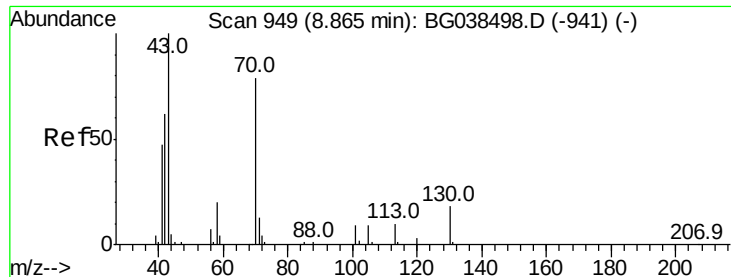
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





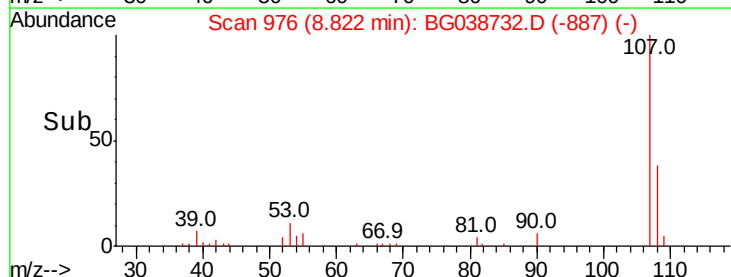
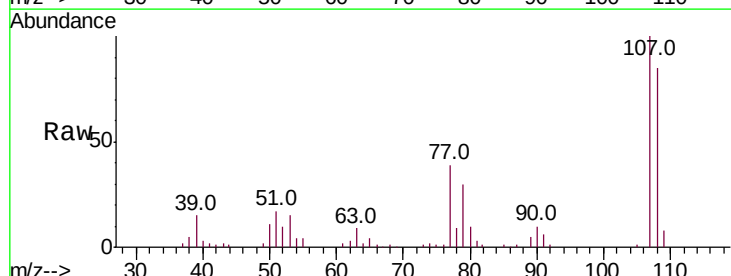
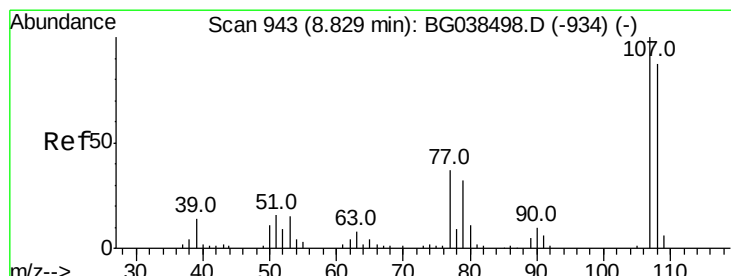
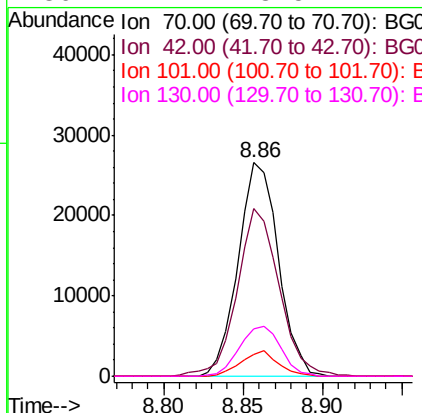
#19
n-Nitroso-di-n-propylamine
Concen: 36.180 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.01 min
Lab File: BG038732.D
Acq: 19 Dec 2018 18:25

Instrument :
BNA_G
ClientSampleId :
PB115792BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	78.5	63.6	95.4
101	10.2	9.2	13.8
130	22.1	18.5	27.7

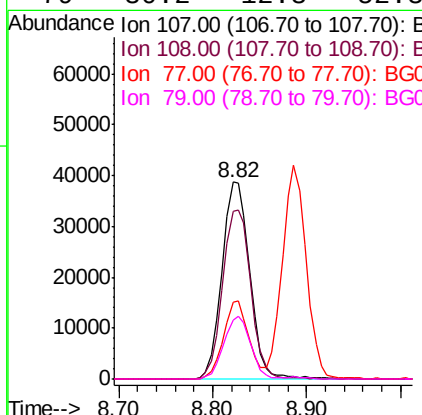
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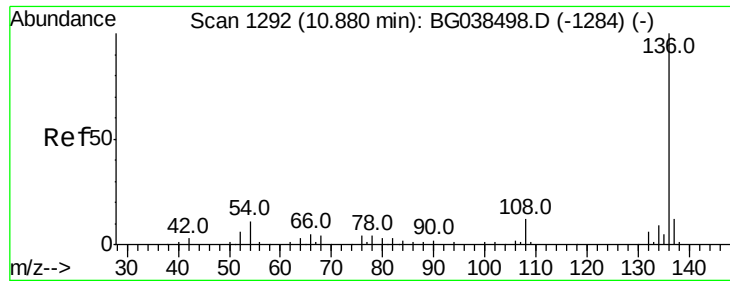
Sohil
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#20
3+4-Methylphenols
Concen: 43.835 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG038732.D
Acq: 19 Dec 2018 18:25

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.5	66.7	106.7
77	38.9	17.3	57.3
79	30.2	12.3	52.3





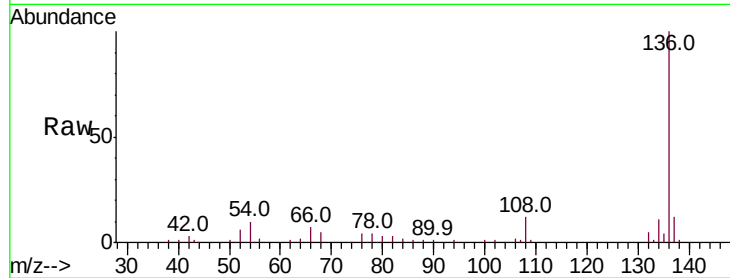
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG038732.D
Acq: 19 Dec 2018 18:25

Instrument :
BNA_G
ClientSampleId :
PB115792BS

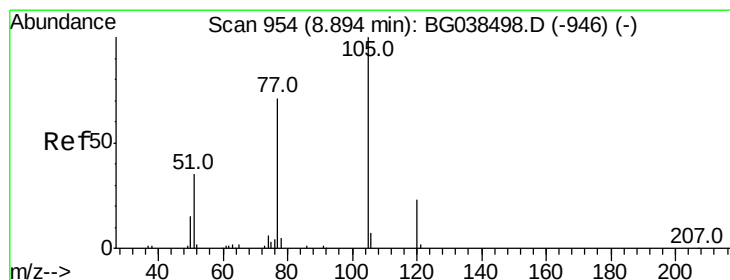
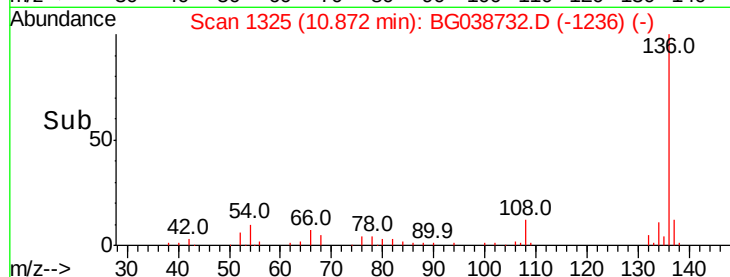
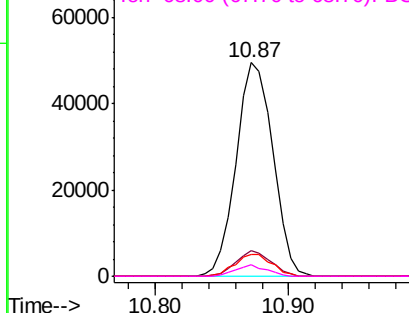
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.9	9.3	13.9	
54	10.4	8.5	12.7	
68	5.2	3.5	5.3	

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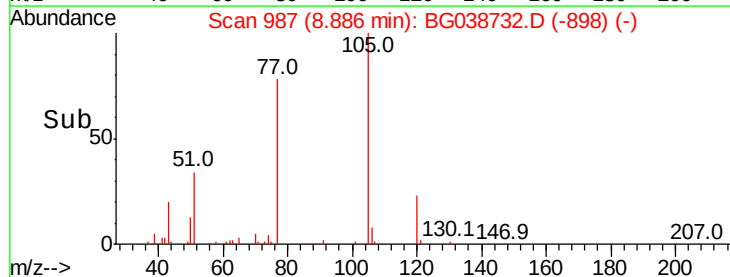
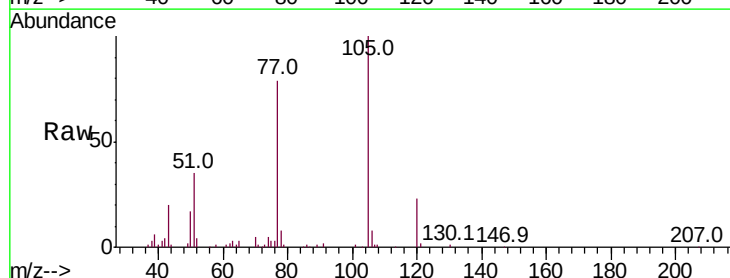
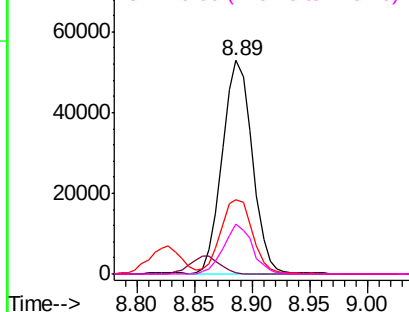
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

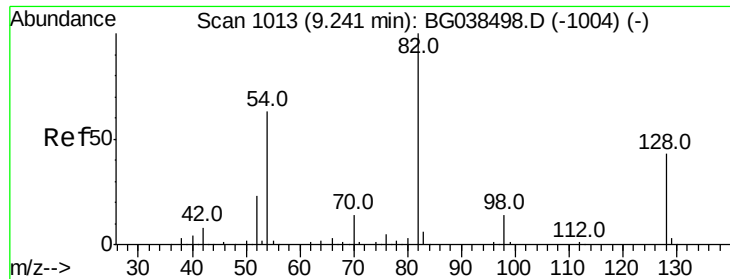


#22
Acetophenone
Concen: 40.759 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BG038732.D
Acq: 19 Dec 2018 18:25

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.7	0.4	0.6#	
51	34.8	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): BG
Ion 51.00 (50.70 to 51.70): BG
Ion 120.00 (119.70 to 120.70): E





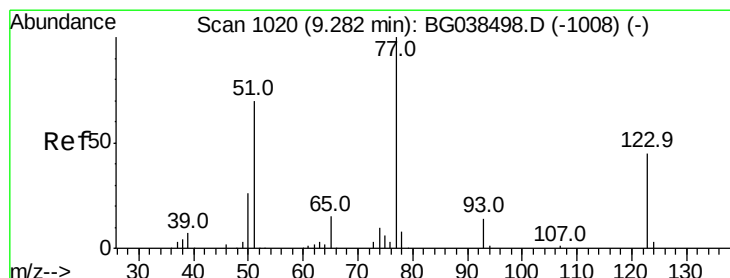
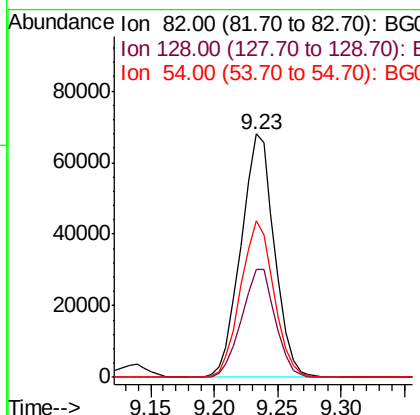
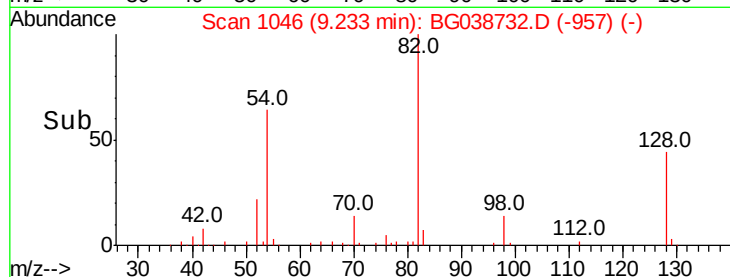
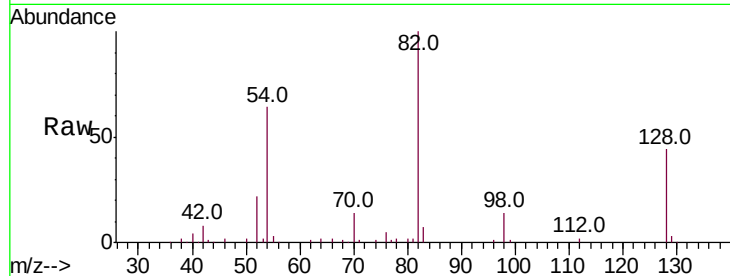
#23
Nitrobenzene-d5
Concen: 67.712 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038732.D
Acq: 19 Dec 2018 18:25

Instrument :
BNA_G
ClientSampleId :
PB115792BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.4	34.6	52.0
54	64.1	50.6	76.0

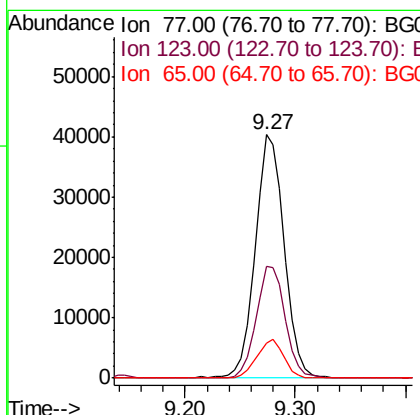
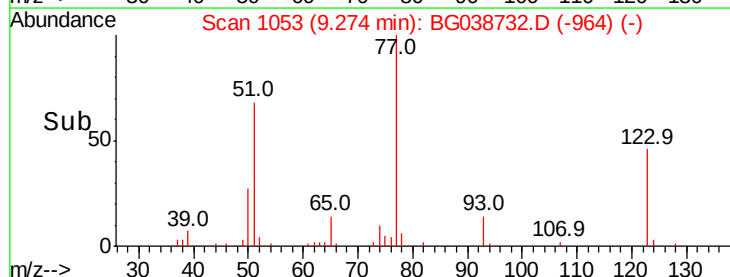
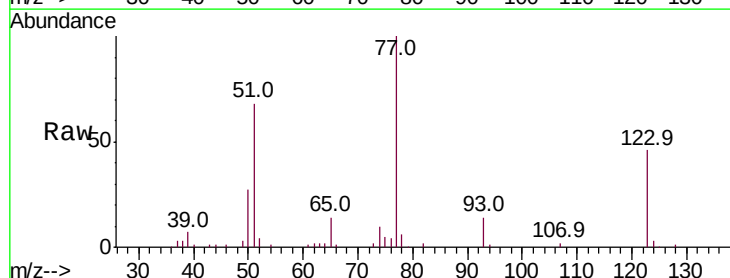
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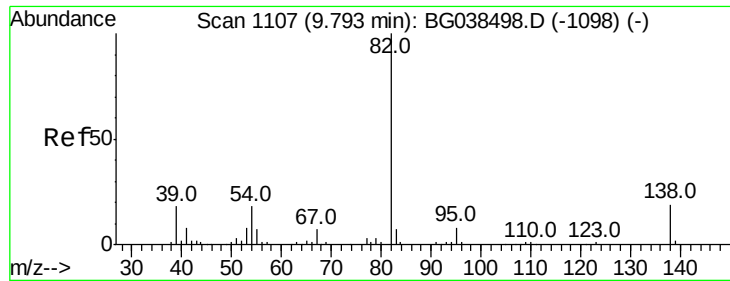
Sohil
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#24
Nitrobenzene
Concen: 39.865 ng
RT: 9.27 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BG038732.D
Acq: 19 Dec 2018 18:25

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.1	35.9	53.9
65	14.2	12.0	18.0





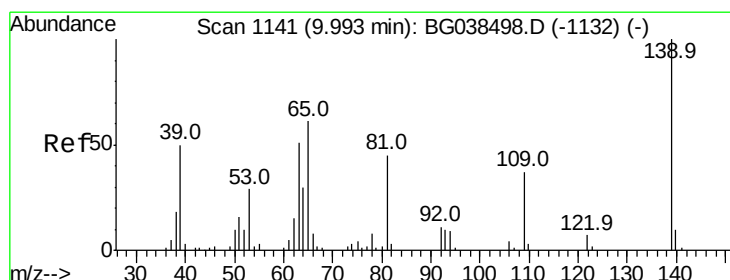
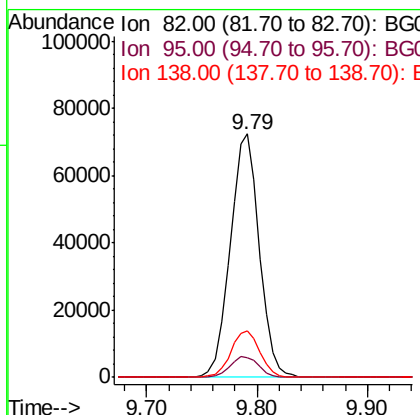
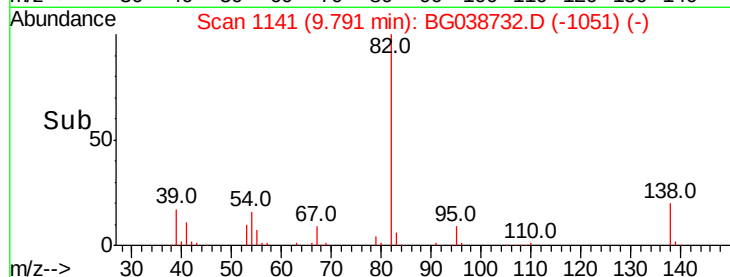
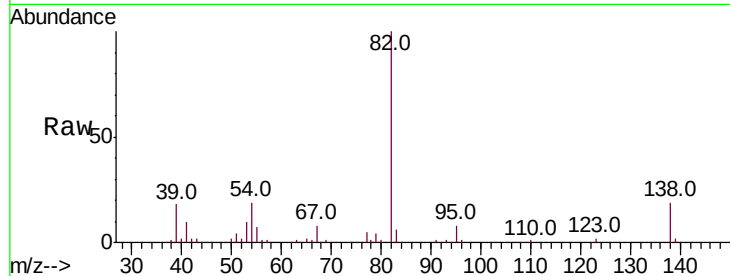
#25
Isophorone
Concen: 40.187 ng
RT: 9.79 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BG038732.D
Acq: 19 Dec 2018 18:25

Instrument :
BNA_G
ClientSampleId :
PB115792BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	8.1	6.1	9.1	
138	18.9	14.9	22.3	

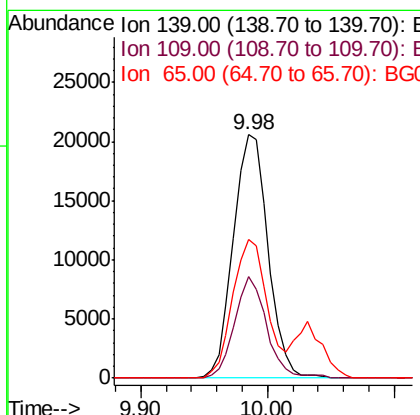
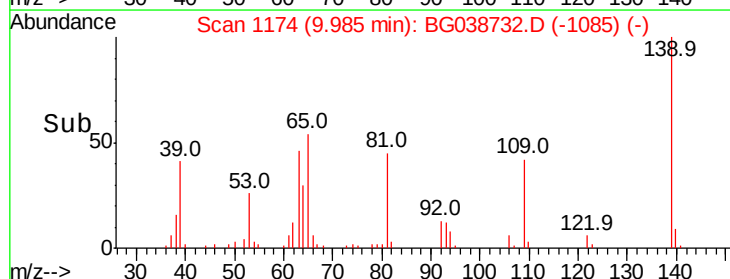
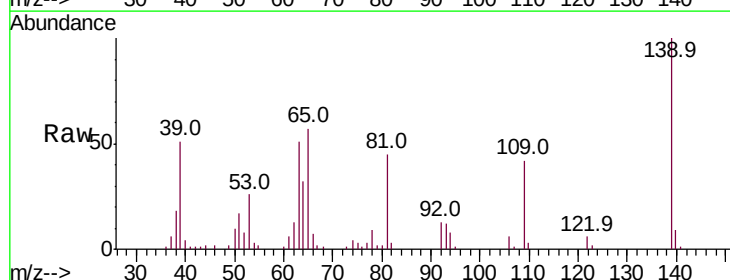
Manual Integrations
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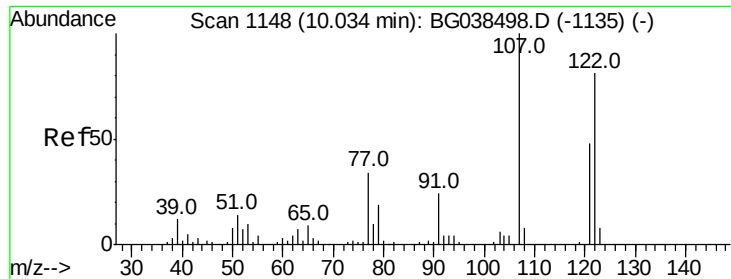
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#26
2-Nitrophenol
Concen: 40.961 ng
RT: 9.98 min Scan# 1174
Delta R.T. -0.01 min
Lab File: BG038732.D
Acq: 19 Dec 2018 18:25

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	41.9	29.5	44.3	
65	56.9	48.5	72.7	





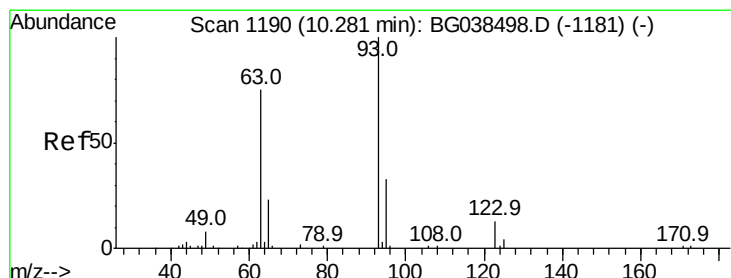
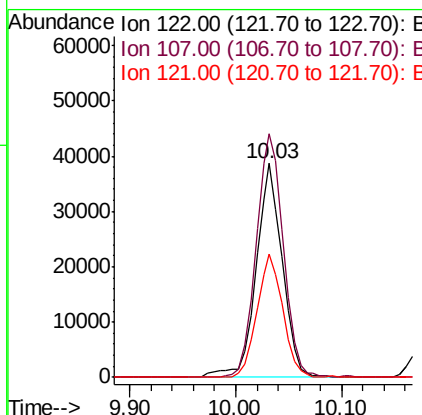
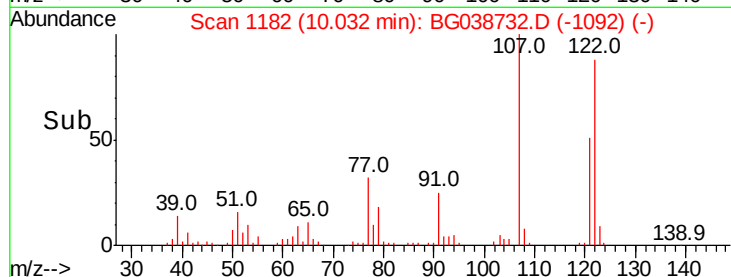
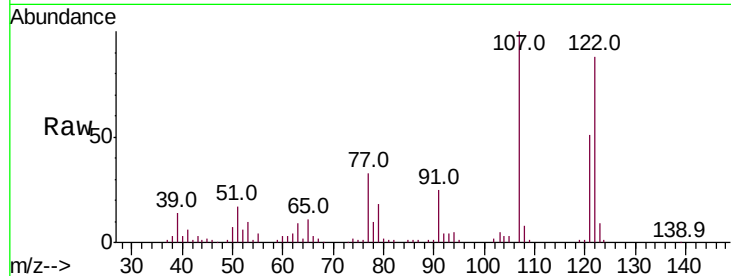
#27
2,4-Dimethylphenol
Concen: 49.035 ng
RT: 10.03 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BG038732.D
Acq: 19 Dec 2018 18:25

Instrument :
BNA_G
ClientSampleId :
PB115792BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.9	98.4	147.6
121	57.7	47.2	70.8

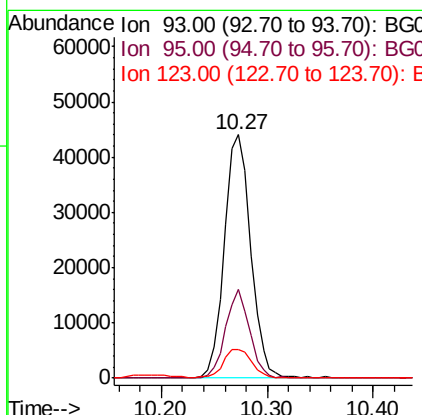
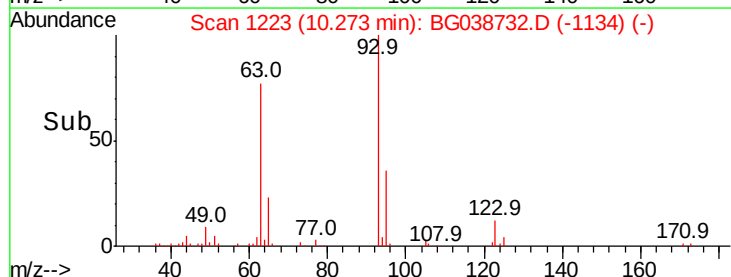
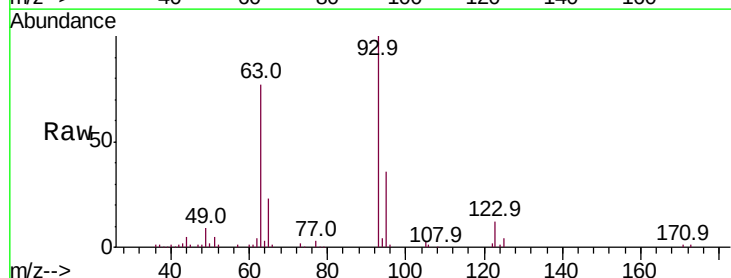
Manual Integrations
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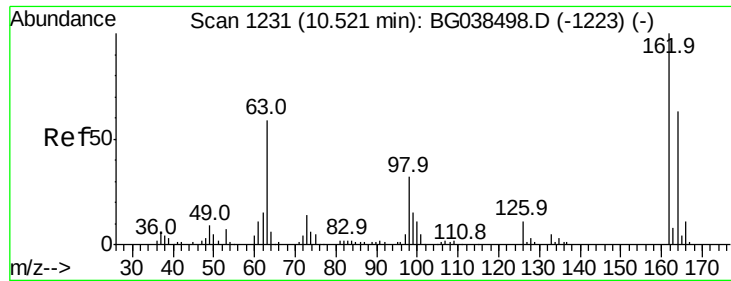
Sohil
12/20/2018 1:06:38 PM



#28
bis(2-Chloroethoxy)methane
Concen: 40.705 ng
RT: 10.27 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BG038732.D
Acq: 19 Dec 2018 18:25

Tgt Ion	Ratio	Lower	Upper
93	100		
95	36.3	26.6	40.0
123	11.5	10.6	16.0





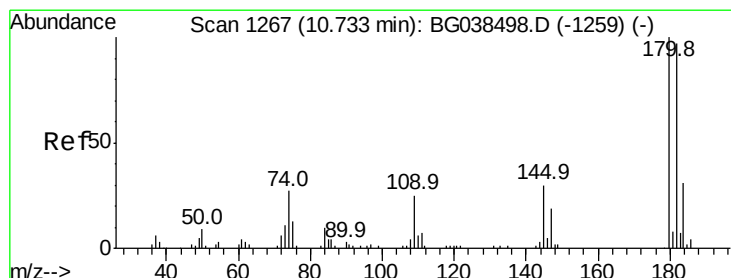
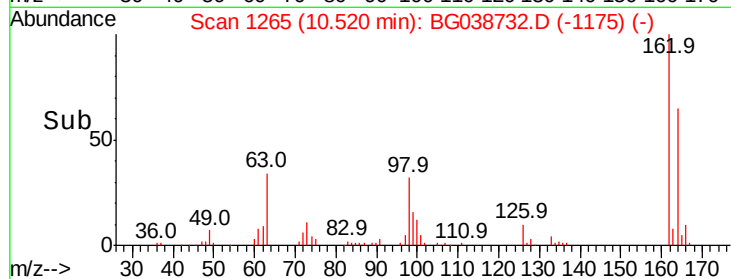
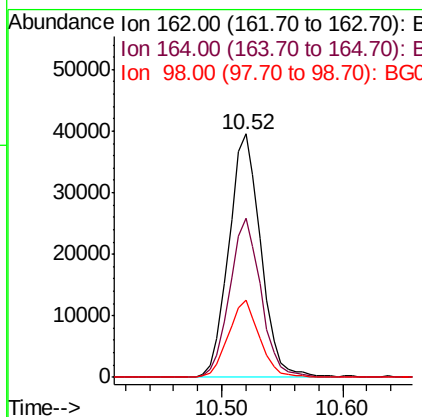
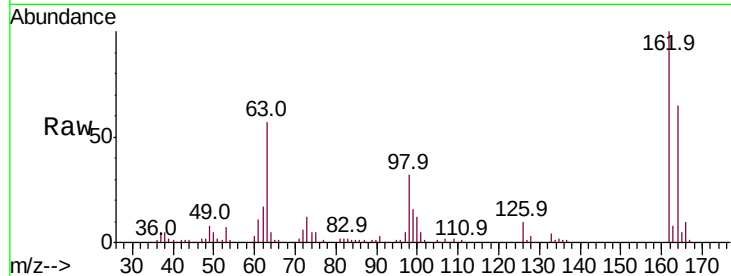
#29
2,4-Dichlorophenol
Concen: 48.011 ng
RT: 10.52 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BG038732.D
Acq: 19 Dec 2018 18:25

Instrument :
BNA_G
ClientSampleId :
PB115792BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	72911		
164	65.4		42.9	82.9
98	31.7		12.1	52.1

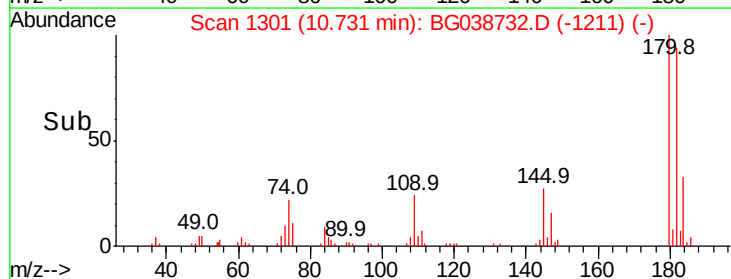
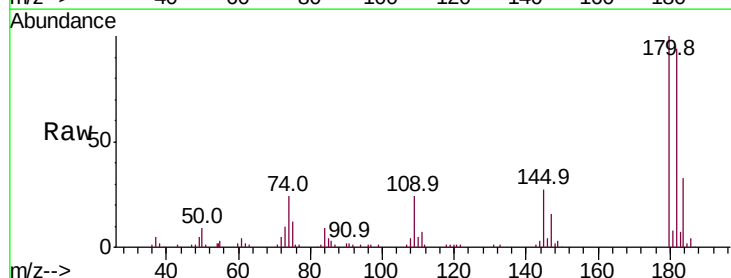
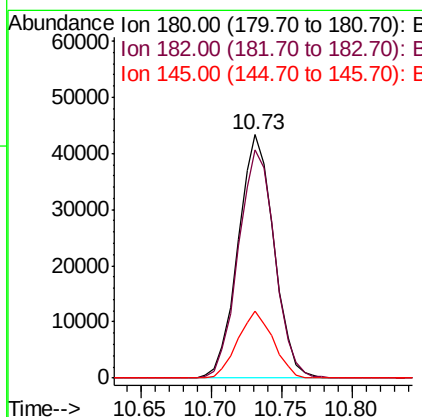
Manual Integrations
APPROVED

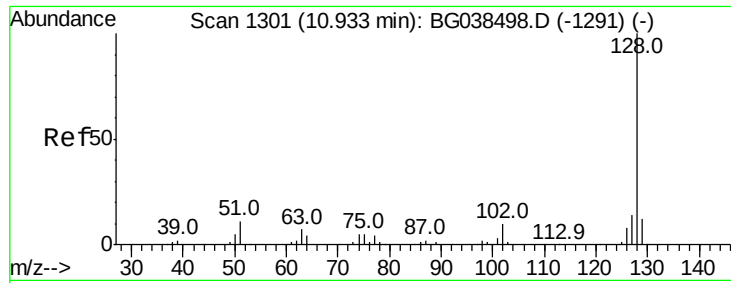
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 41.764 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BG038732.D
Acq: 19 Dec 2018 18:25

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	76609		
182	93.9		77.4	116.0
145	27.3		24.1	36.1





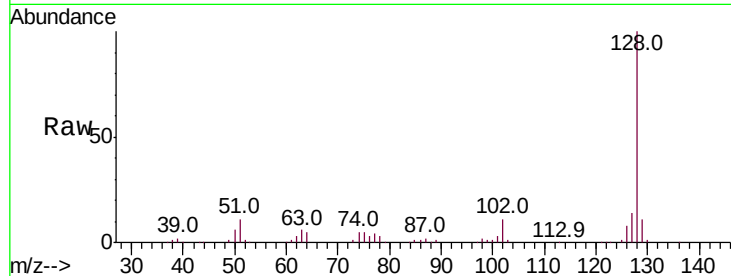
#31
Naphthalene
Concen: 43.861 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG038732.D
Acq: 19 Dec 2018 18:25

Instrument :
BNA_G
ClientSampleId :
PB115792BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.5	9.5	14.3
127	13.7	10.9	16.3

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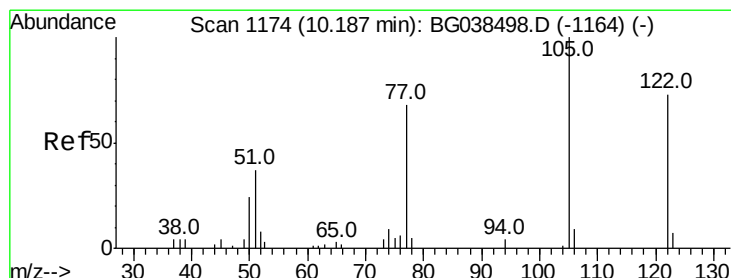
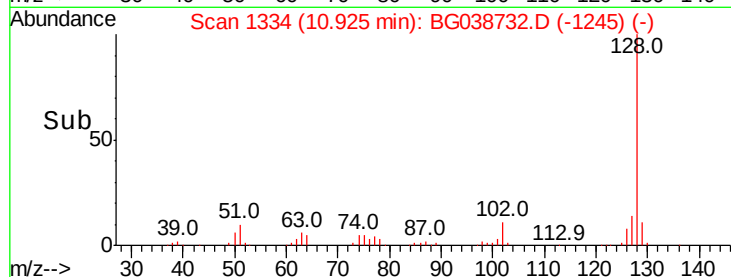
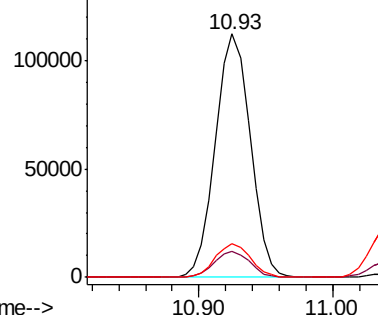


Abundance

Ion 128.00 (127.70 to 128.70): E

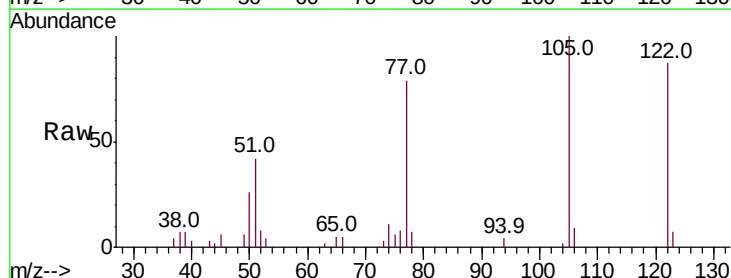
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 35.673 ng m
RT: 10.18 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BG038732.D
Acq: 19 Dec 2018 18:25

Tgt Ion	Ratio	Lower	Upper
122	100		
105	115.2	116.7	156.7#
77	91.3	72.5	112.5

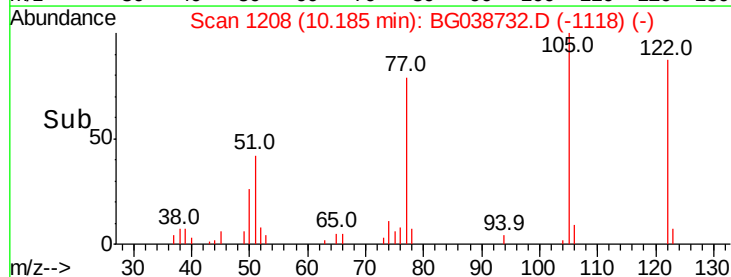
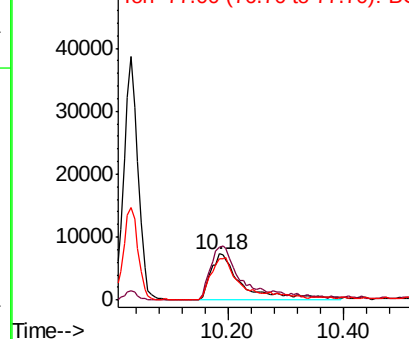


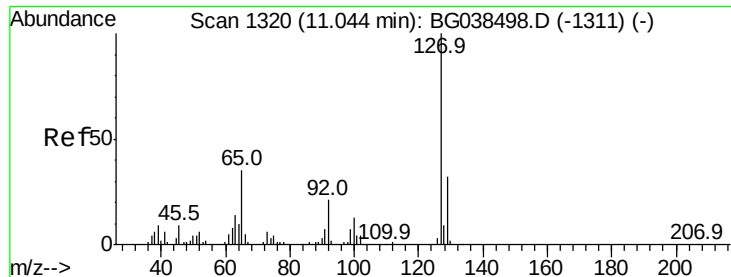
Abundance

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





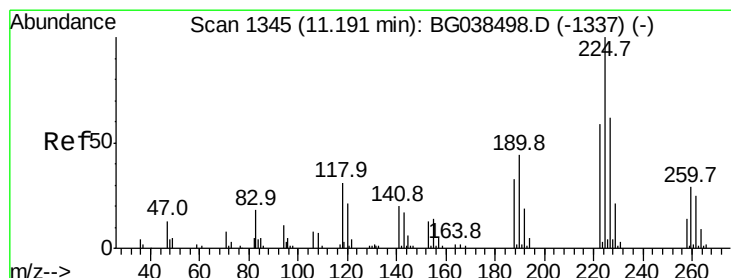
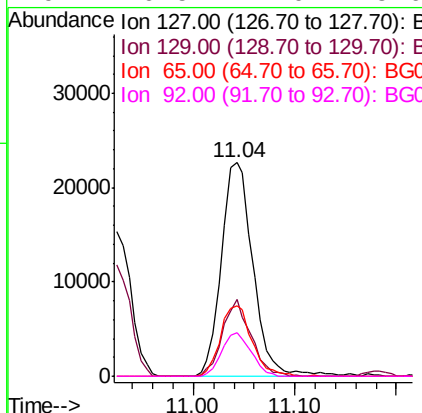
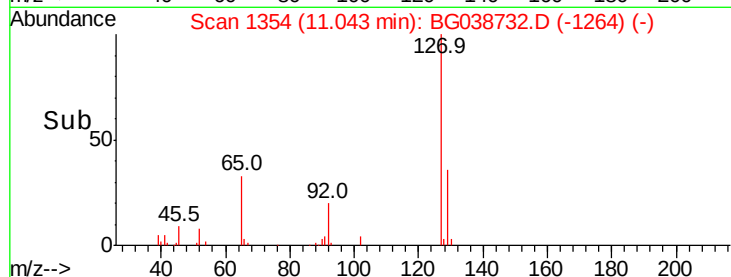
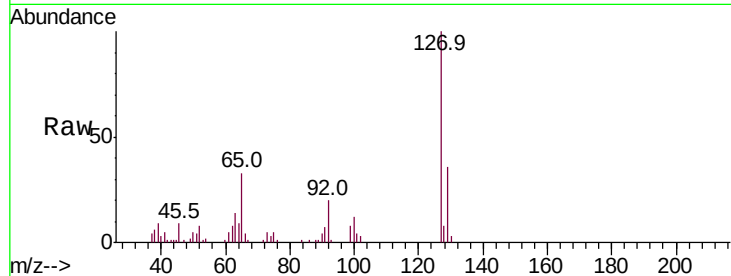
#33
4-Chloroaniline
Concen: 24.393 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG038732.D
Acq: 19 Dec 2018 18:25

Instrument :
BNA_G
ClientSampleId :
PB115792BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	35.9	25.8	38.8	
65	33.1	27.8	41.6	
92	20.5	17.0	25.6	

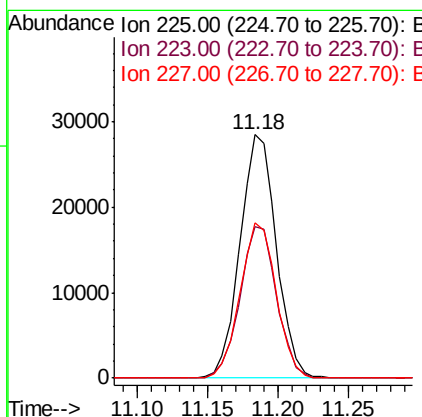
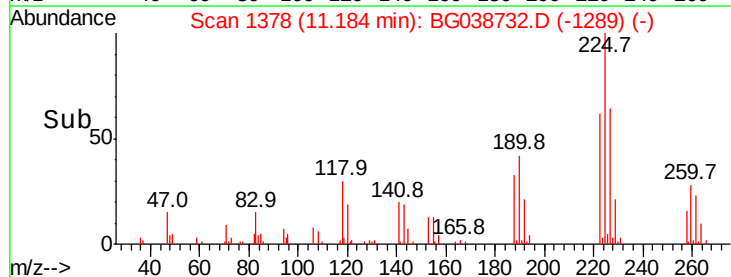
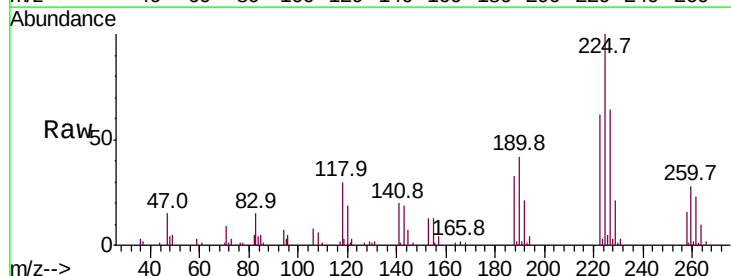
Manual Integrations
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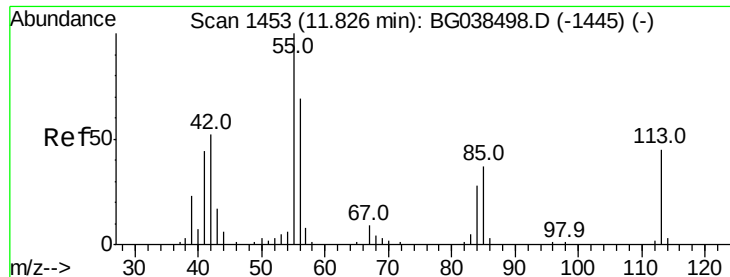
Sohil
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#34
Hexachlorobutadiene
Concen: 41.206 ng
RT: 11.18 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BG038732.D
Acq: 19 Dec 2018 18:25

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	59.3	45.0	67.6	
227	64.2	50.6	75.8	





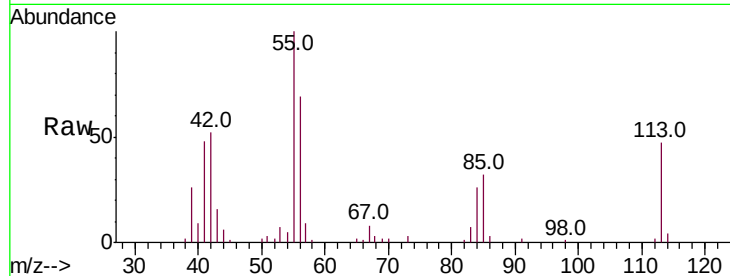
#35
 Caprolactam
 Concen: 38.487 ng
 RT: 11.82 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: BG038732.D
 Acq: 19 Dec 2018 18:25

Instrument :
 BNA_G
 ClientSampleID :
 PB115792BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	214.3	204.3	244.3
56	147.1	135.0	175.0

Manual Integrations
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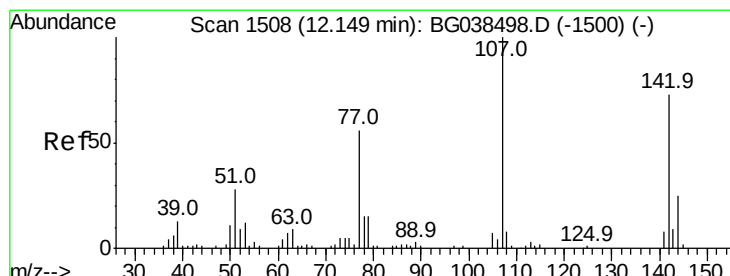
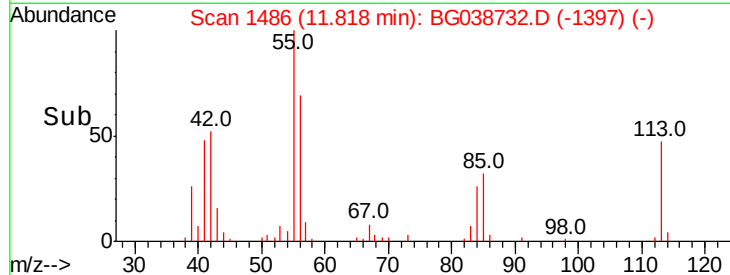
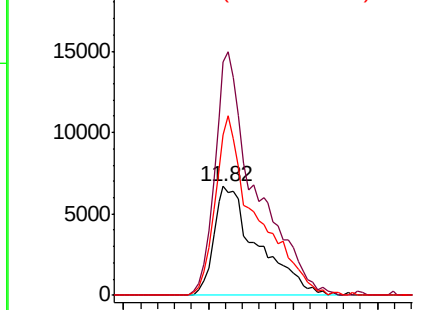


Abundance

Ion 113.00 (112.70 to 113.70): E

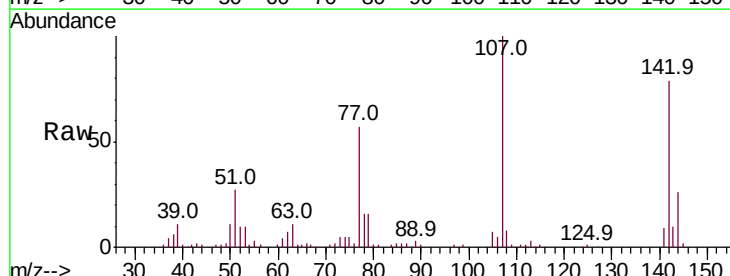
Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36
 4-Chloro-3-methylphenol
 Concen: 43.336 ng
 RT: 12.15 min Scan# 1543
 Delta R.T. 0.00 min
 Lab File: BG038732.D
 Acq: 19 Dec 2018 18:25

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.3	20.1	30.1
142	79.0	58.7	88.1

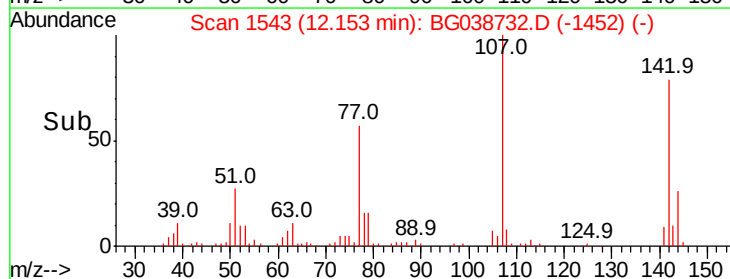
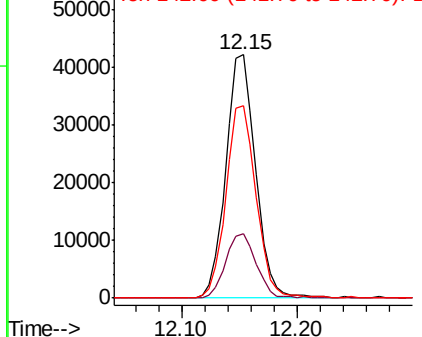


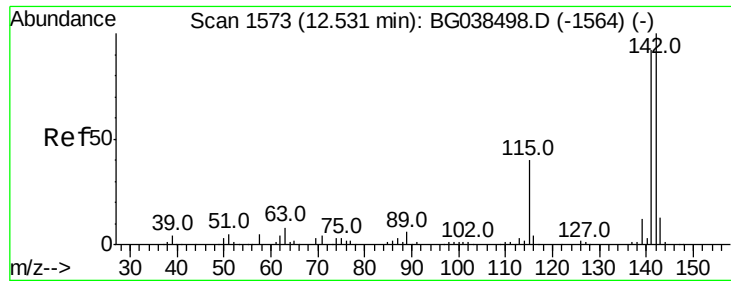
Abundance

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





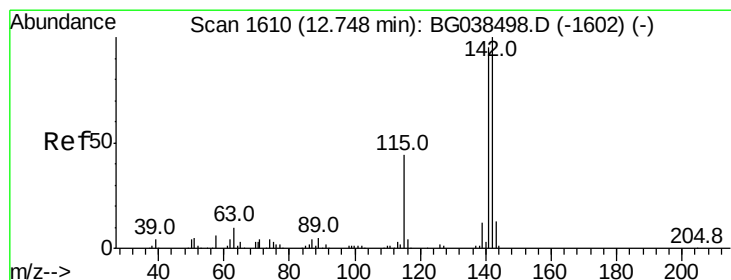
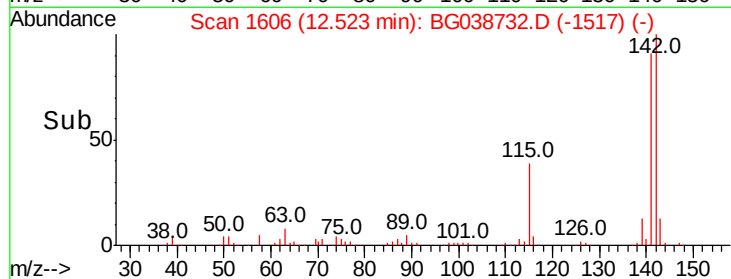
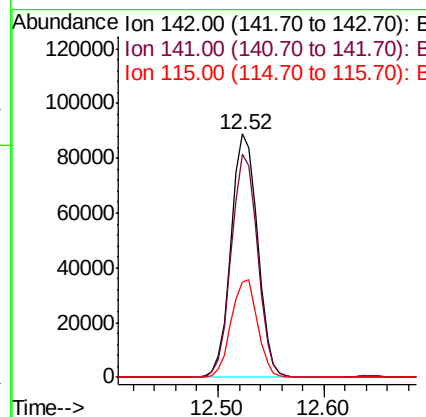
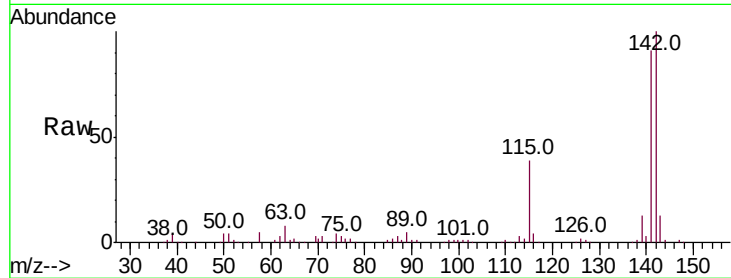
#37
 2-Methylnaphthalene
 Concen: 46.718 ng
 RT: 12.52 min Scan# 1606
 Delta R.T. -0.01 min
 Lab File: BG038732.D
 Acq: 19 Dec 2018 18:25

Instrument :
 BNA_G
 ClientSampleId :
 PB115792BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.5	73.5	110.3
115	39.3	31.7	47.5

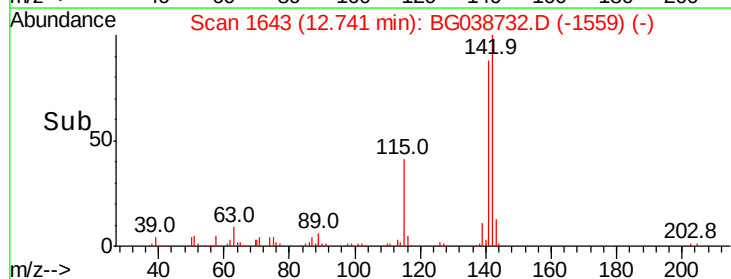
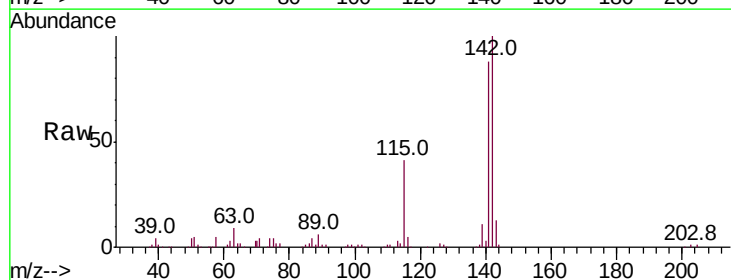
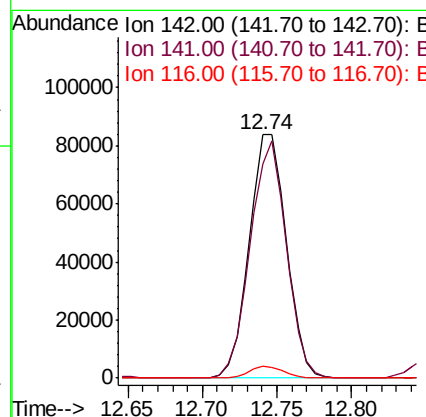
Manual Integrations
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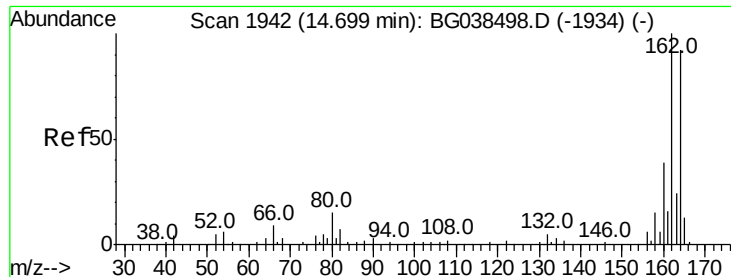
Sohil
 12/20/2018 1:06:38 PM



#38
 1-Methylnaphthalene
 Concen: 44.975 ng
 RT: 12.74 min Scan# 1643
 Delta R.T. -0.01 min
 Lab File: BG038732.D
 Acq: 19 Dec 2018 18:25

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.2	75.8	113.8
116	4.8	3.6	5.4





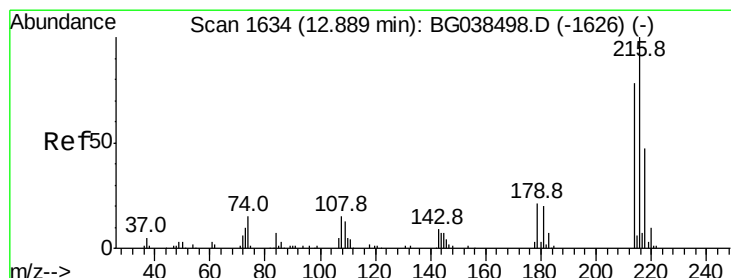
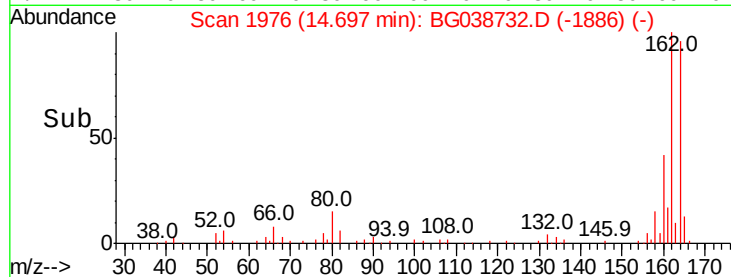
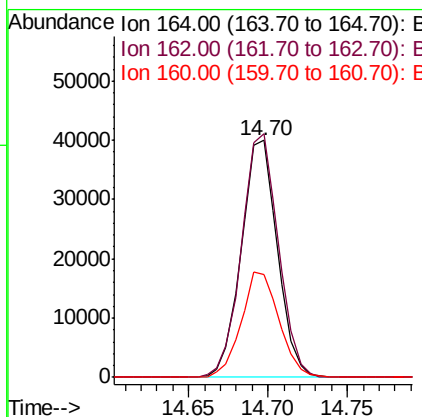
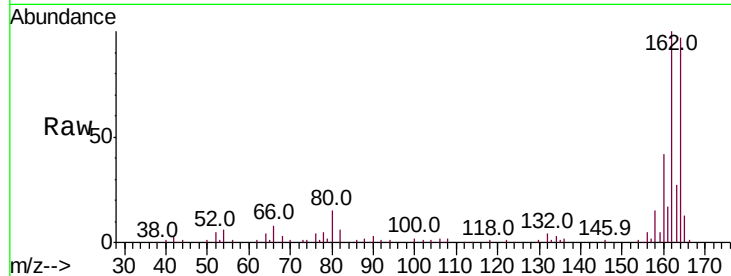
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. -0.00 min
 Lab File: BG038732.D
 Acq: 19 Dec 2018 18:25

Instrument :
 BNA_G
 ClientSampleId :
 PB115792BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.9	86.6	130.0
160	43.5	34.2	51.2

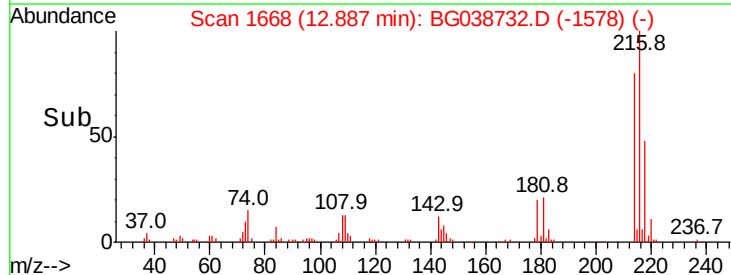
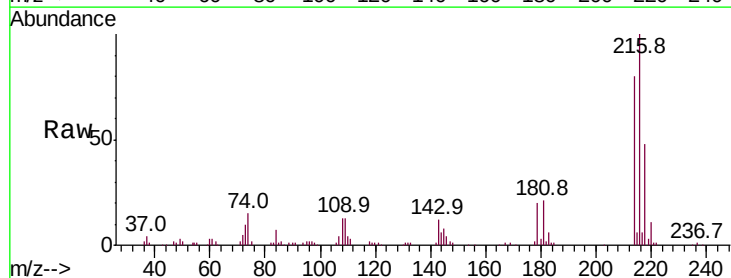
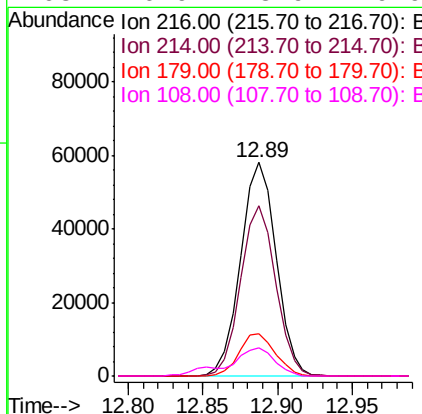
Manual Integrations
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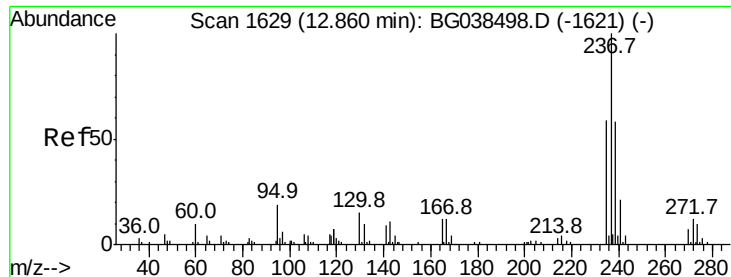
Sohil
 12/20/2018 1:06:38 PM



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.488 ng
 RT: 12.89 min Scan# 1668
 Delta R.T. -0.00 min
 Lab File: BG038732.D
 Acq: 19 Dec 2018 18:25

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.8	64.1	96.1
179	19.9	16.4	24.6
108	16.9	13.9	20.9





#41

Hexachlorocyclopentadiene

Concen: 84.859 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG038732.D

Acq: 19 Dec 2018 18:25

Instrument :

BNA_G

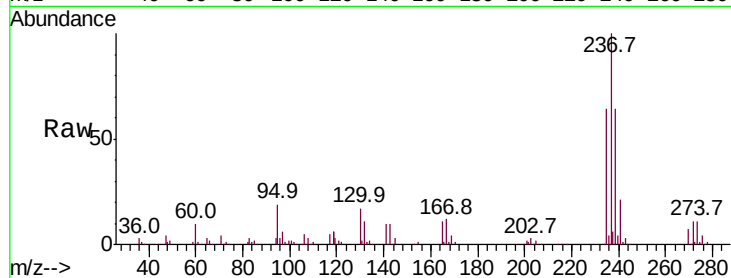
ClientSampleId :

PB115792BS

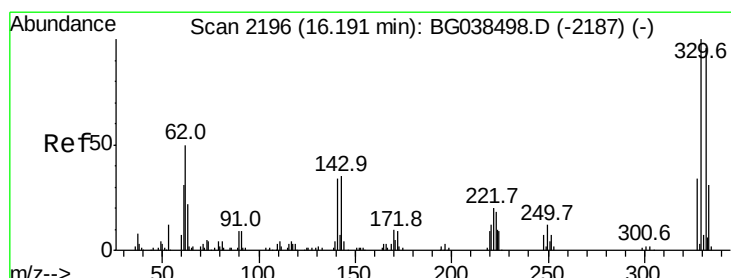
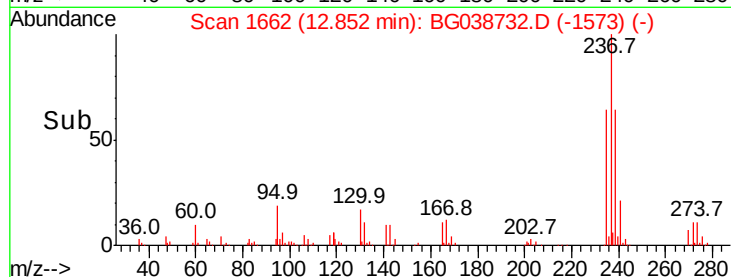
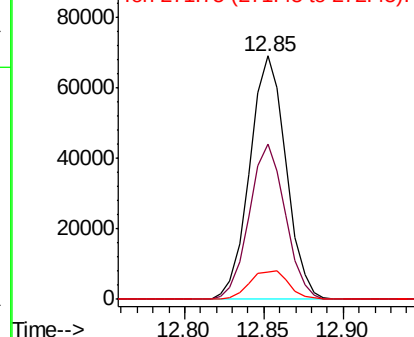
Tot Ion:	237	Resp:	110106
Ion Ratio		Lower	Upper
237	100		
235	64.0	38.8	78.8
272	11.4	0.0	32.0

Manual Integrations
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12/20/2018 1:06:38 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: 147.154 ng

RT: 16.19 min Scan# 2230

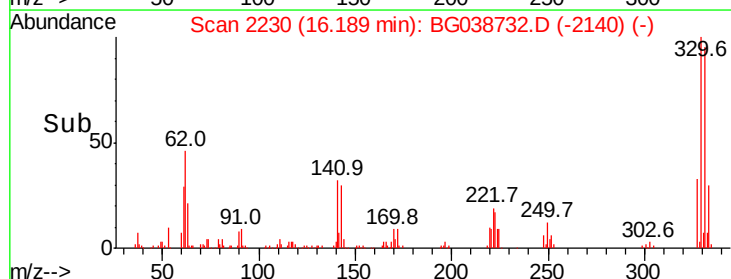
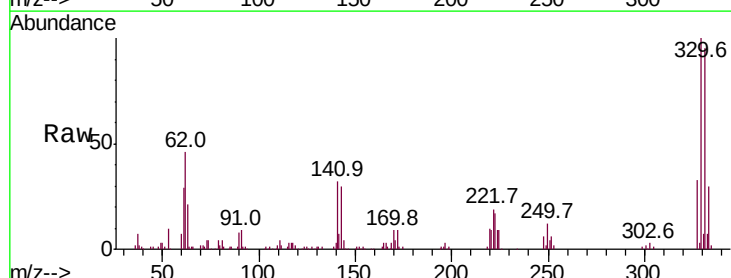
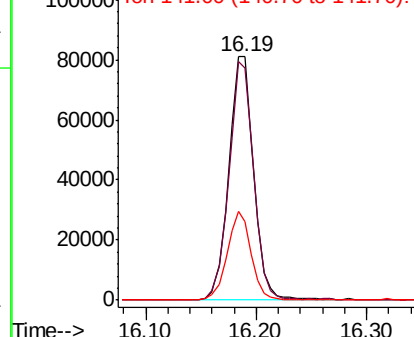
Delta R.T. -0.00 min

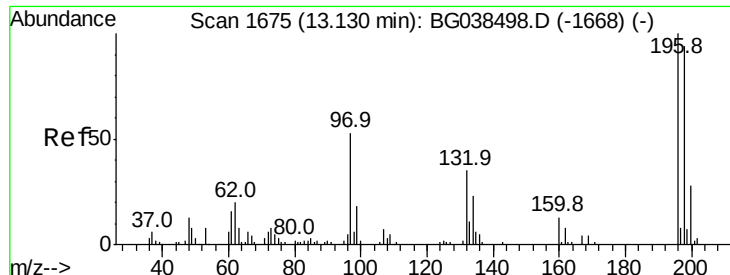
Lab File: BG038732.D

Acq: 19 Dec 2018 18:25

Tgt Ion:	330	Resp:	128136
Ion Ratio		Lower	Upper
330	100		
332	96.8	76.9	115.3
141	34.5	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





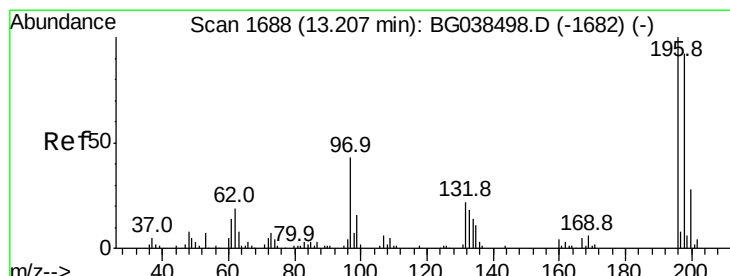
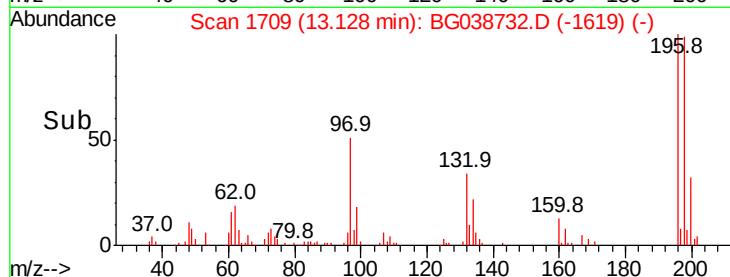
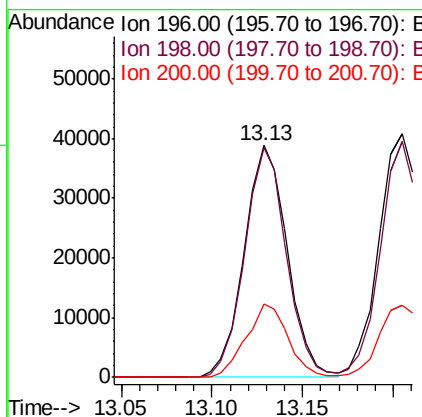
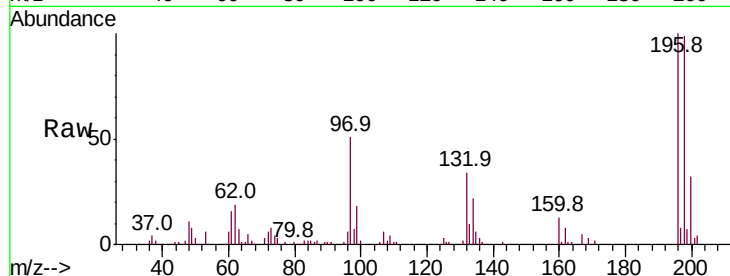
#43
 2,4,6-Trichlorophenol
 Concen: 44.450 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG038732.D
 Acq: 19 Dec 2018 18:25

Instrument :
 BNA_G
 ClientSampleId :
 PB115792BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	99.2	75.0	112.4
200	31.7	22.4	33.6

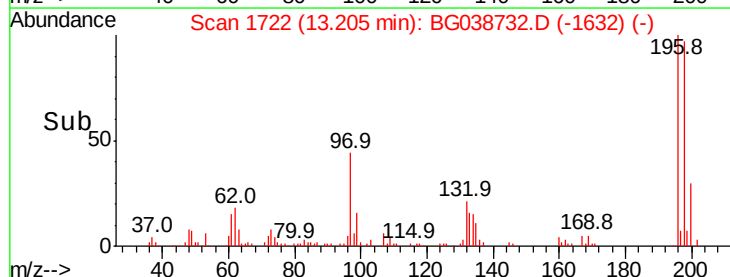
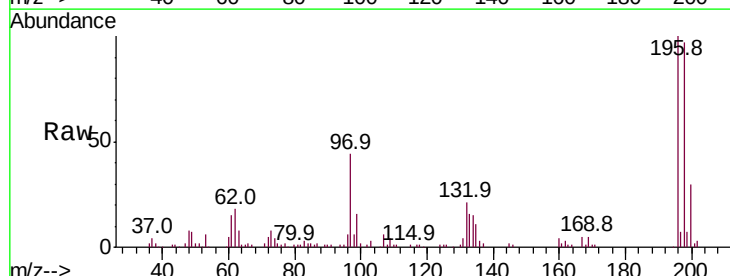
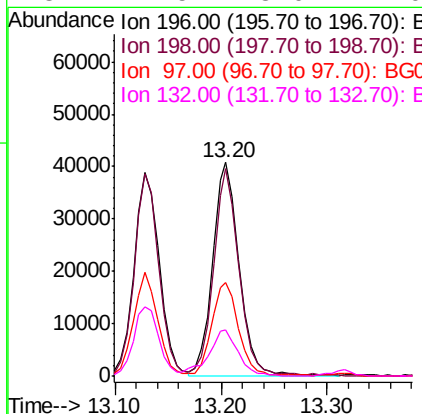
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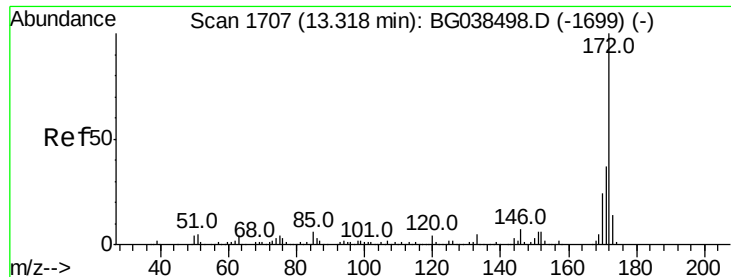
Sohil
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#44
 2,4,5-Trichlorophenol
 Concen: 46.669 ng
 RT: 13.20 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: BG038732.D
 Acq: 19 Dec 2018 18:25

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.0	74.0	111.0
97	43.6	35.1	52.7
132	21.5	18.0	27.0





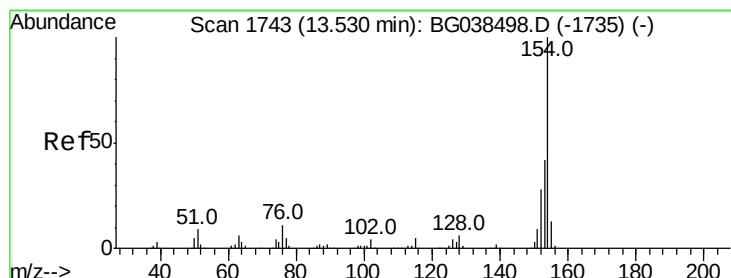
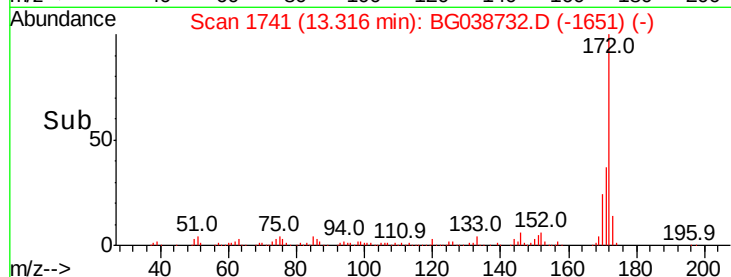
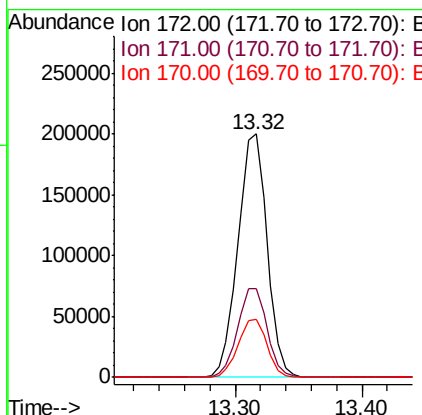
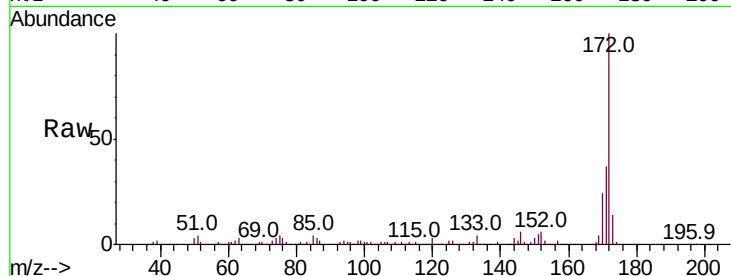
#45
2-Fluorobiphenyl
Concen: 69.013 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.00 min
Lab File: BG038732.D
Acq: 19 Dec 2018 18:25

Instrument :
BNA_G
ClientSampleId :
PB115792BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.8	44.6
170	23.8	19.5	29.3

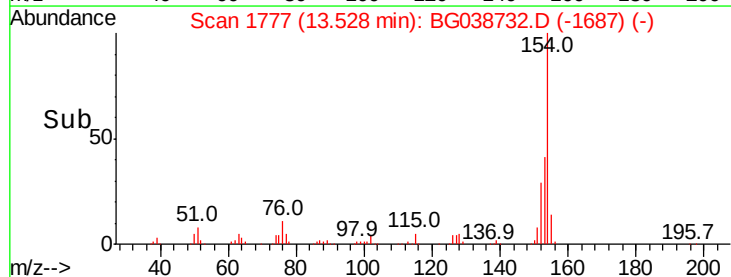
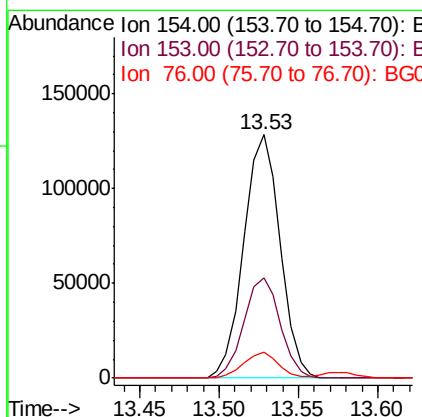
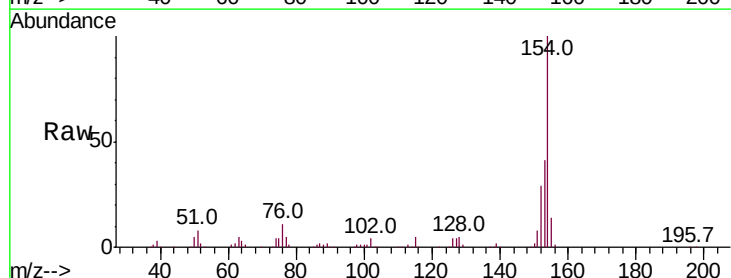
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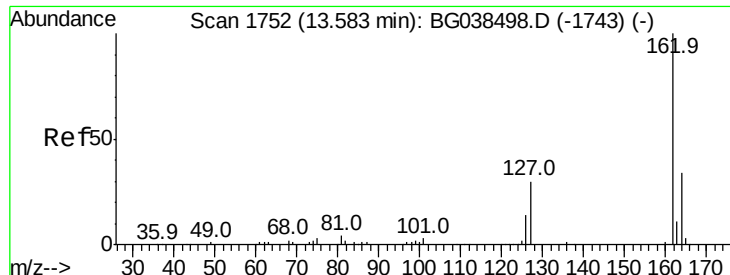
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#46
1,1'-Biphenyl
Concen: 38.670 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.00 min
Lab File: BG038732.D
Acq: 19 Dec 2018 18:25

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	22.1	62.1
76	10.7	0.0	31.2





#47

2-Chloronaphthalene

Concen: 40.469 ng

RT: 13.57 min Scan# 1785

Delta R.T. -0.01 min

Lab File: BG038732.D

Acq: 19 Dec 2018 18:25

Instrument :

BNA_G

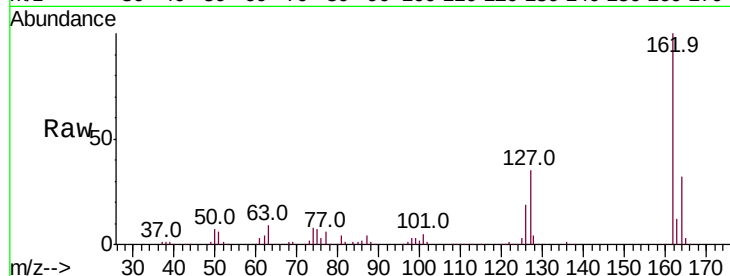
ClientSampleId :

PB115792BS

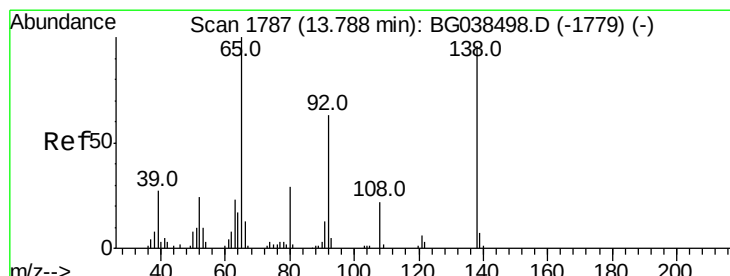
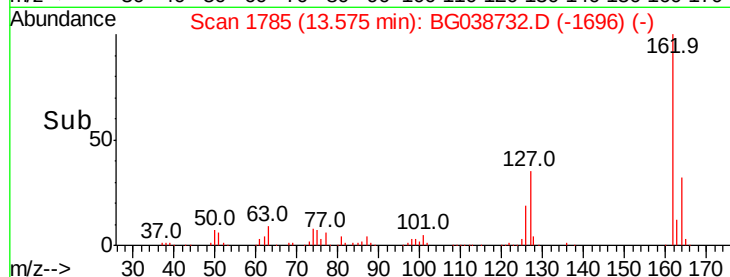
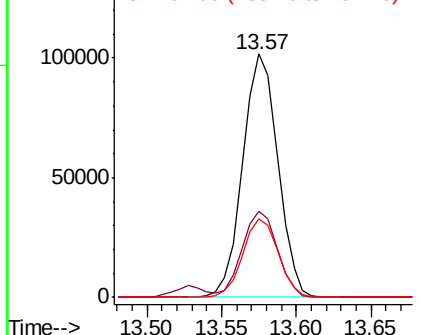
Tot Ion:	162	Resp:	165575
Ion Ratio	Lower	Upper	
162	100		
127	35.4	27.8	41.8
164	32.0	26.9	40.3

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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 40.501 ng

RT: 13.79 min Scan# 1822

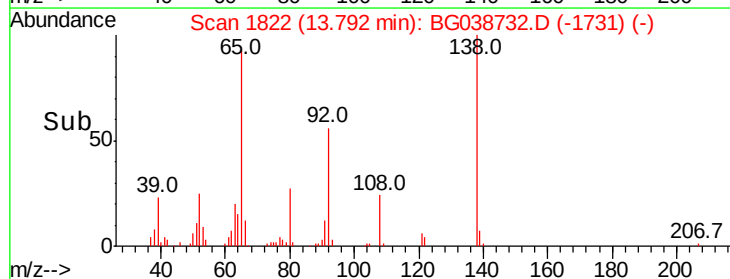
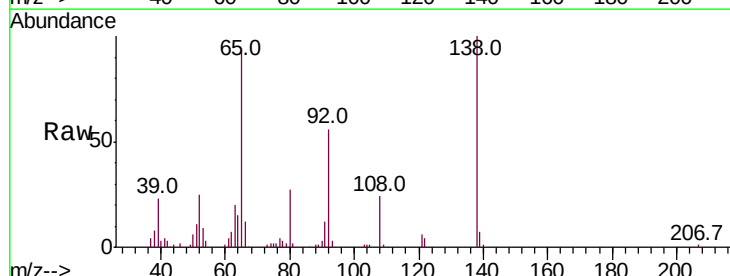
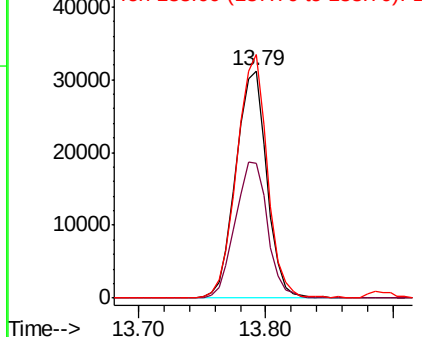
Delta R.T. 0.00 min

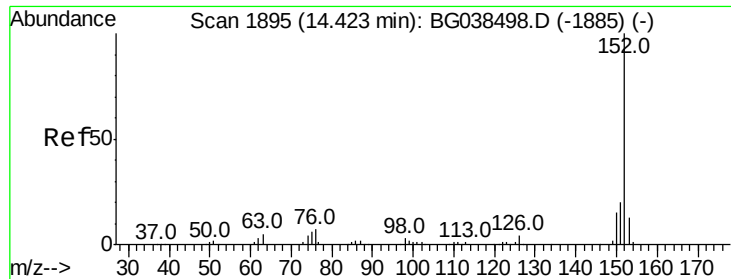
Lab File: BG038732.D

Acq: 19 Dec 2018 18:25

Tgt Ion:	65	Resp:	52781
Ion Ratio	Lower	Upper	
65	100		
92	59.4	50.0	75.0
138	107.0	76.9	115.3

Abundance Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.405 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG038732.D

Acq: 19 Dec 2018 18:25

Instrument :

BNA_G

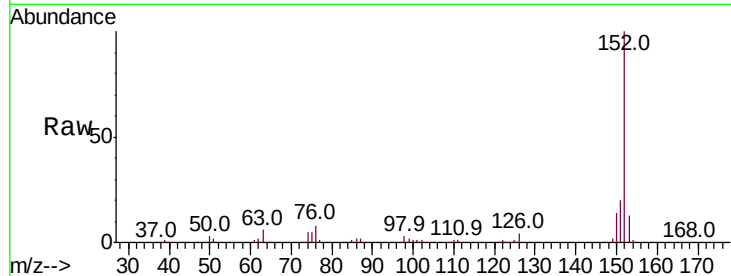
ClientSampleId :

PB115792BS

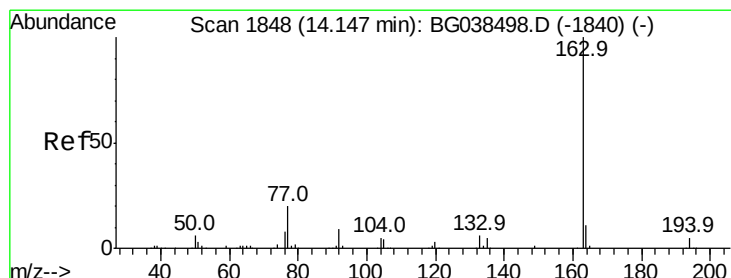
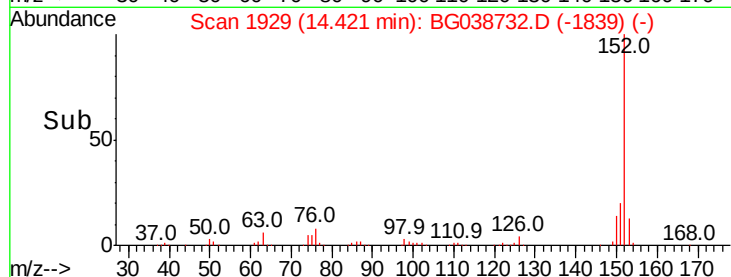
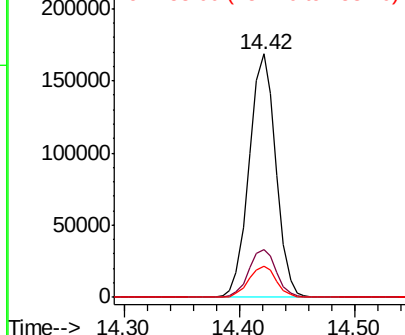
Tot Ion:	152	Resp:	271602
Ion Ratio	Lower	Upper	
152	100		
151	19.5	16.4	24.6
153	12.7	10.4	15.6

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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: 41.544 ng

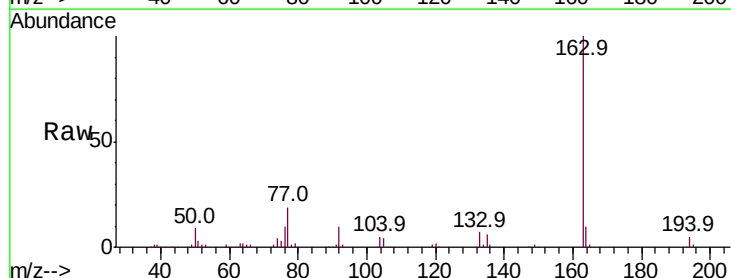
RT: 14.14 min Scan# 1882

Delta R.T. -0.00 min

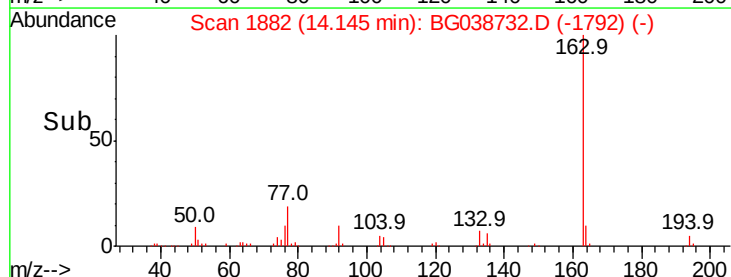
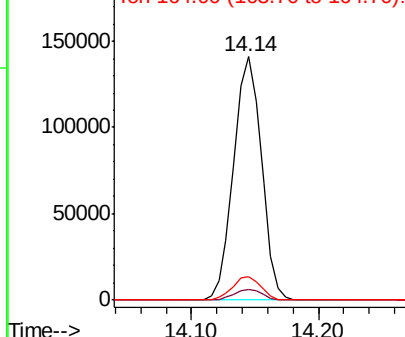
Lab File: BG038732.D

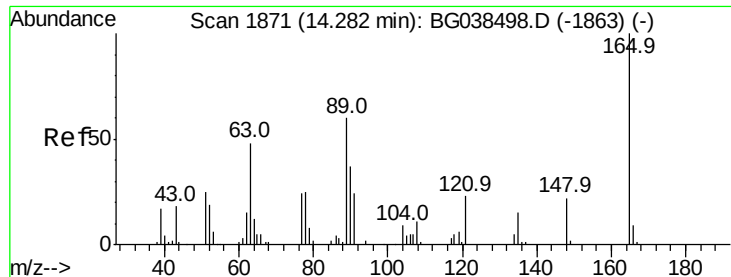
Acq: 19 Dec 2018 18:25

Tgt Ion:	163	Resp:	214352
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.7	5.5
164	9.6	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: 41.889 ng

RT: 14.28 min Scan# 1905

Delta R.T. -0.00 min

Lab File: BG038732.D

Acq: 19 Dec 2018 18:25

Instrument :

BNA_G

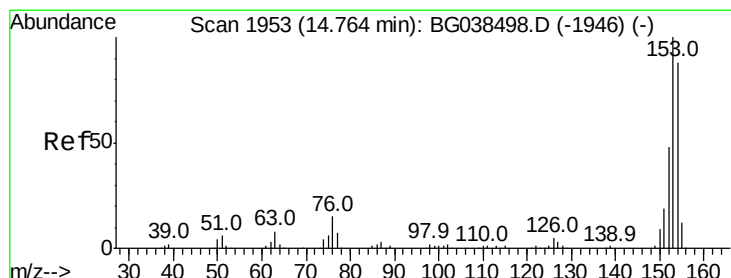
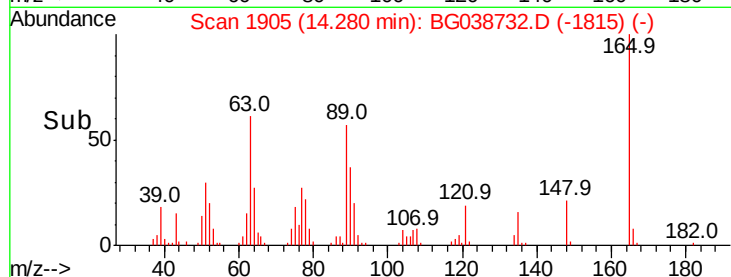
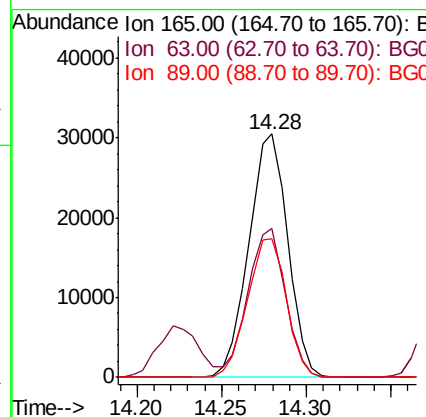
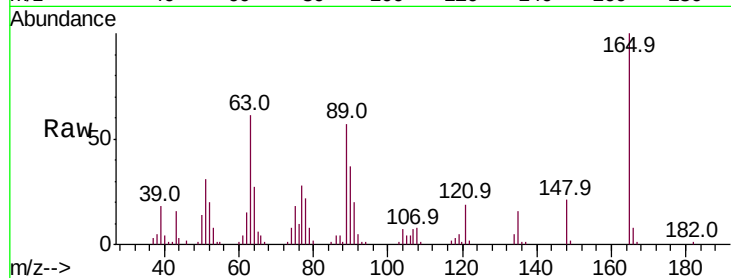
ClientSampled :

PB115792BS

Tot Ion:	165	Resp:	48979
Ion Ratio	Lower	Upper	
165	100		
63	61.2	51.8	77.6
89	56.8	47.9	71.9

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#52

Acenaphthene

Concen: 41.823 ng

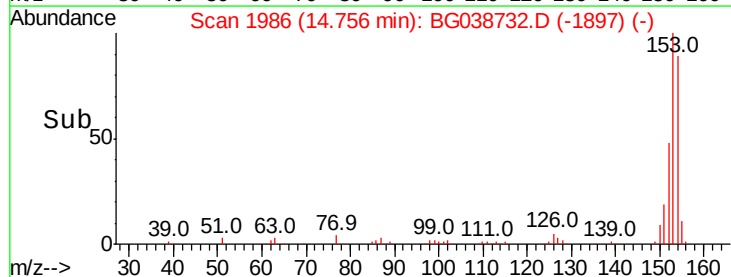
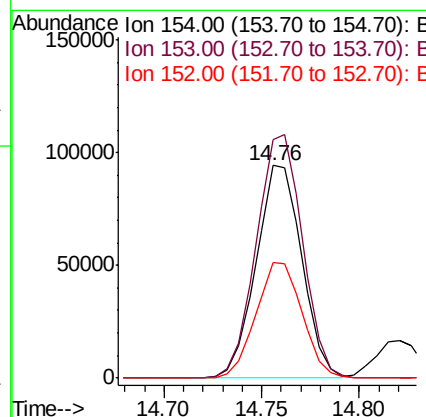
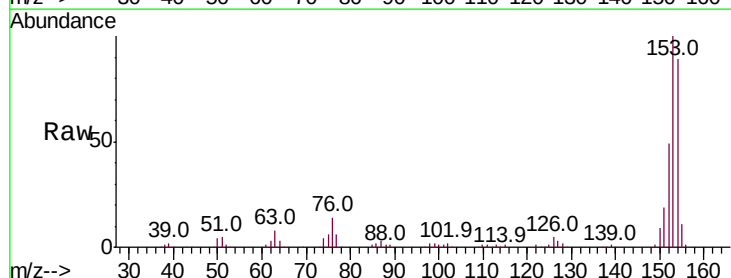
RT: 14.76 min Scan# 1986

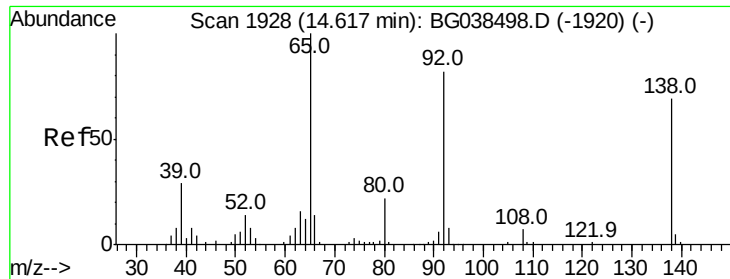
Delta R.T. -0.01 min

Lab File: BG038732.D

Acq: 19 Dec 2018 18:25

Tgt Ion:	154	Resp:	152965
Ion Ratio	Lower	Upper	
154	100		
153	112.6	90.6	136.0
152	54.8	43.5	65.3





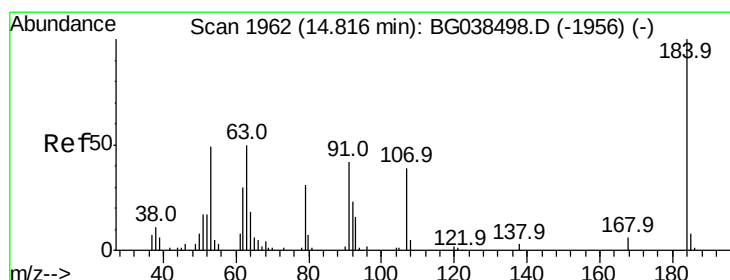
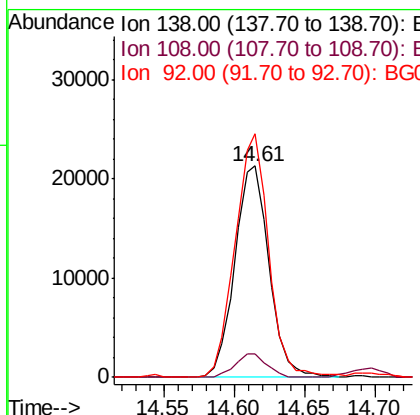
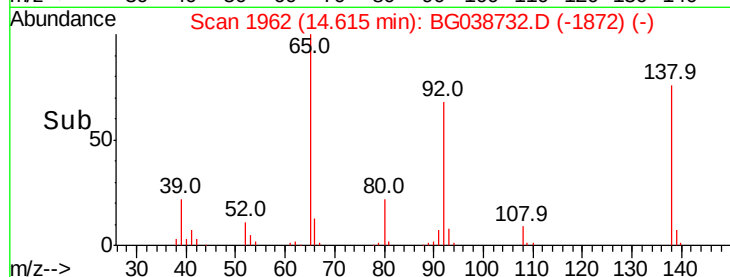
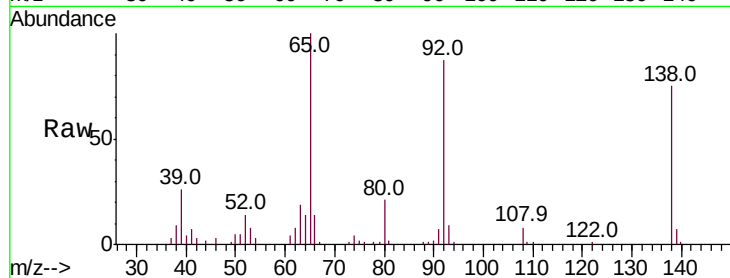
#53
3-Nitroaniline
Concen: 30.368 ng
RT: 14.61 min Scan# 1962
Delta R.T. -0.00 min
Lab File: BG038732.D
Acq: 19 Dec 2018 18:25

Instrument :
BNA_G
ClientSampleId :
PB115792BS

Tot Ion:138 Resp: 36197
Ion Ratio Lower Upper
138 100
108 11.2 7.9 11.9
92 115.3 95.3 142.9

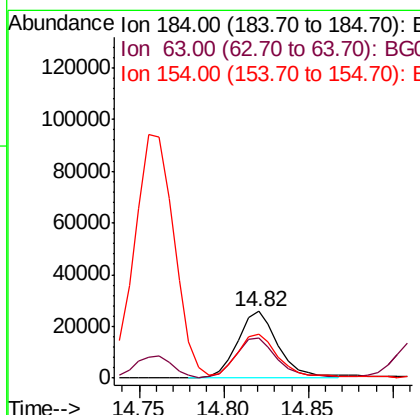
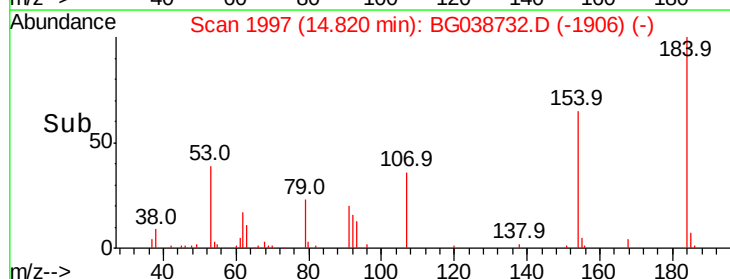
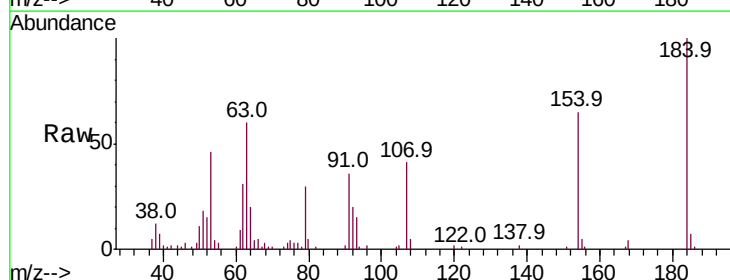
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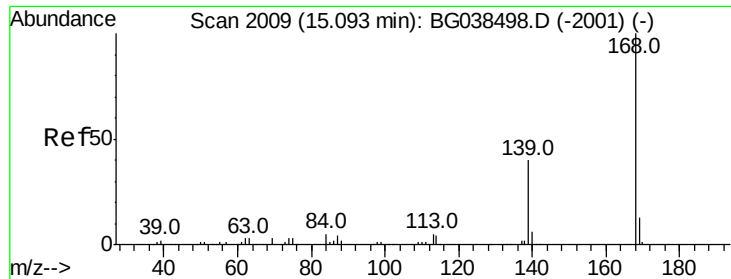
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#54
2,4-Dinitrophenol
Concen: 63.067 ng
RT: 14.82 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BG038732.D
Acq: 19 Dec 2018 18:25

Tgt Ion:184 Resp: 43061
Ion Ratio Lower Upper
184 100
63 60.0 47.0 70.6
154 65.1 50.3 75.5





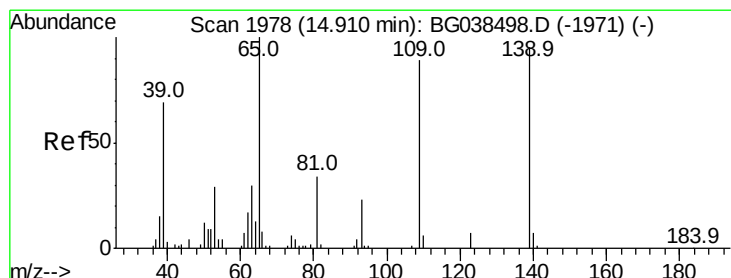
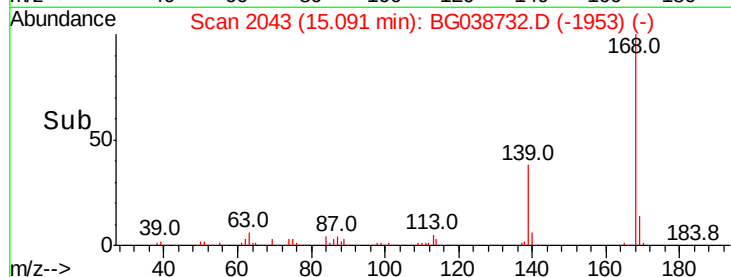
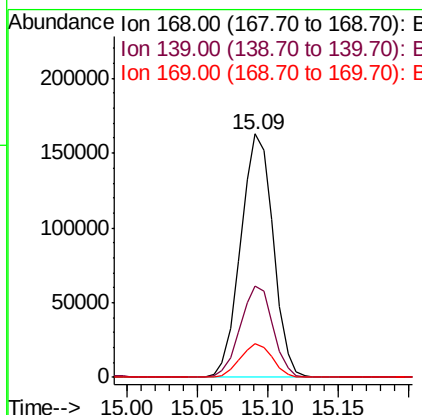
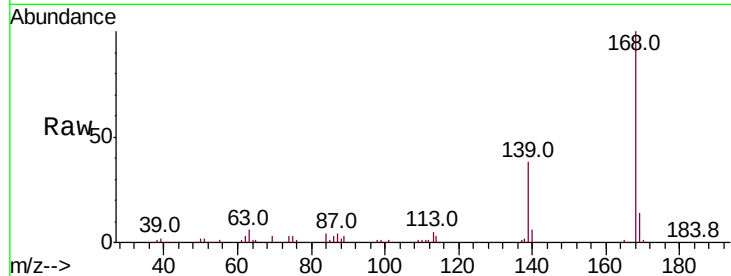
#55
Dibenzenofuran
Concen: 41.786 ng
RT: 15.09 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BG038732.D
Acq: 19 Dec 2018 18:25

Instrument :
BNA_G
ClientSampleId :
PB115792BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.7	32.2	48.2
169	13.7	10.6	16.0

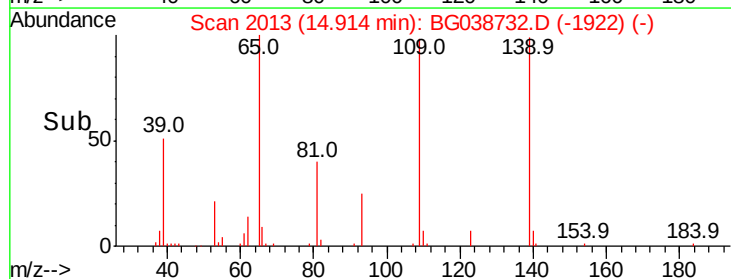
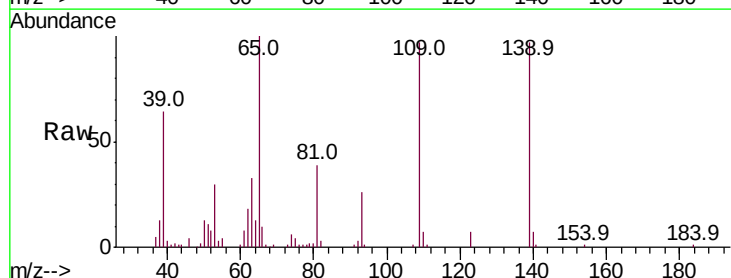
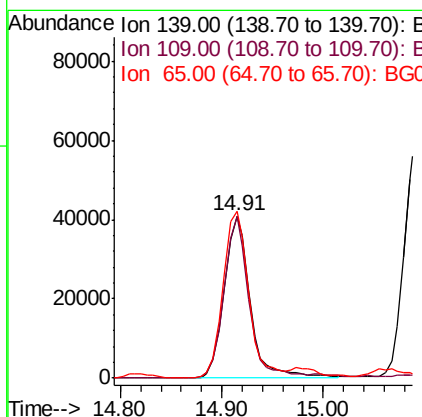
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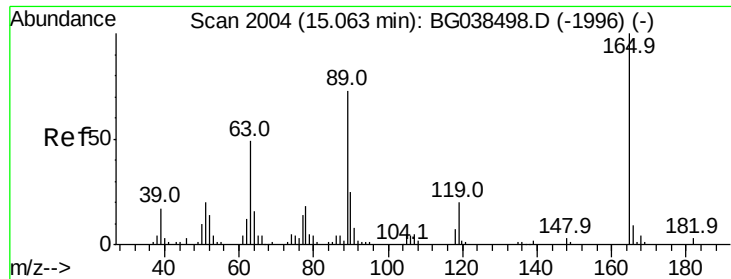
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#56
4-Nitrophenol
Concen: 80.759 ng
RT: 14.91 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BG038732.D
Acq: 19 Dec 2018 18:25

Tgt Ion	Ratio	Lower	Upper
139	100		
109	99.9	73.6	113.6
65	103.4	84.8	124.8





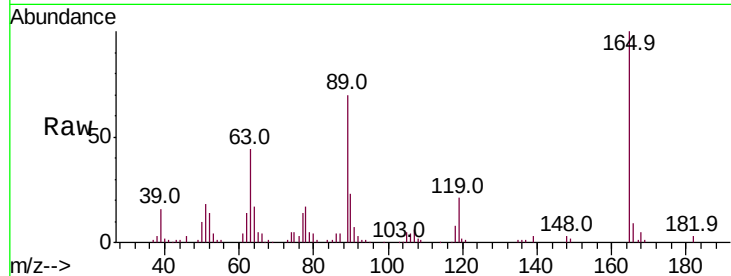
#57
2,4-Dinitrotoluene
Concen: 42.653 ng
RT: 15.06 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BG038732.D
Acq: 19 Dec 2018 18:25

Instrument :
BNA_G
ClientSampleId :
PB115792BS

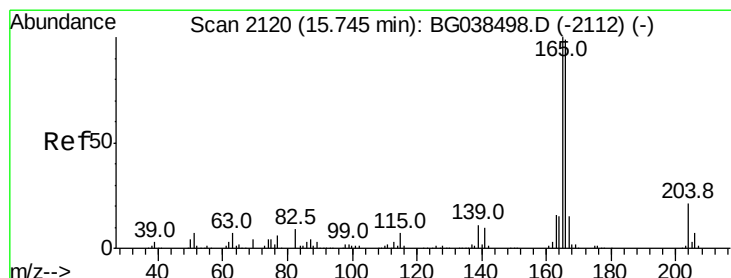
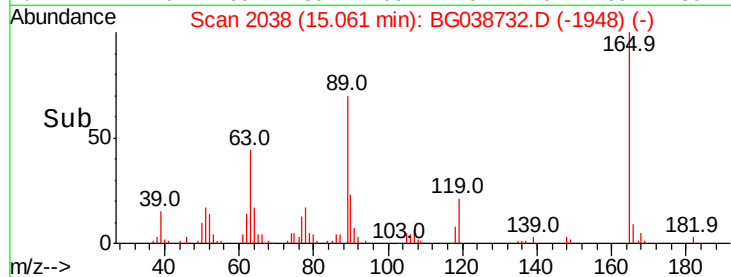
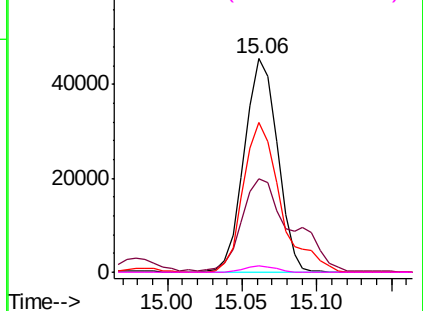
Tot Ion	Ratio	Lower	Upper
165	100		
63	43.6	39.0	58.4
89	70.1	58.0	87.0
182	3.0	2.3	3.5

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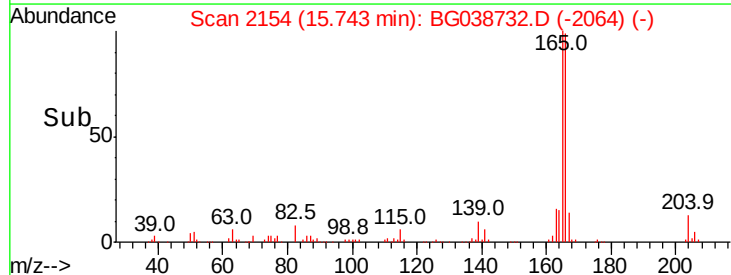
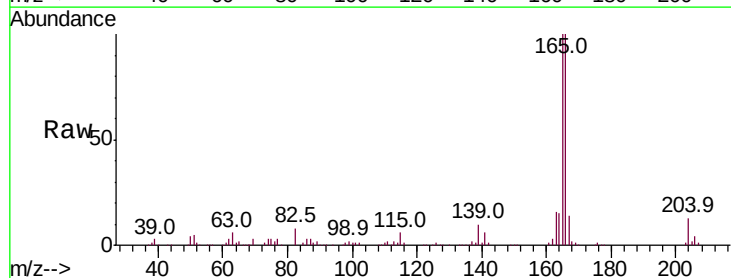
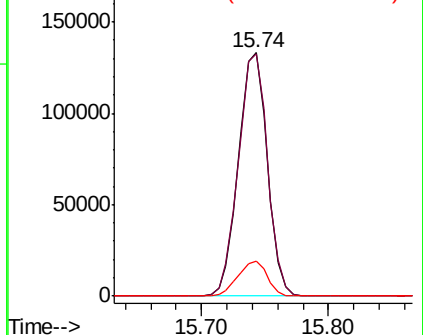
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGO
Ion 89.00 (88.70 to 89.70): BGO
Ion 182.00 (181.70 to 182.70): E

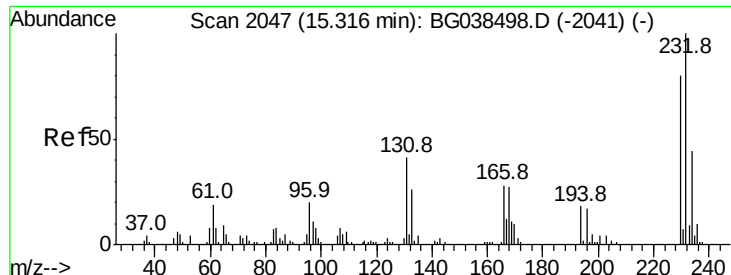


#58
Fluorene
Concen: 45.271 ng
RT: 15.74 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BG038732.D
Acq: 19 Dec 2018 18:25

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.8	80.6	120.8
167	14.4	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





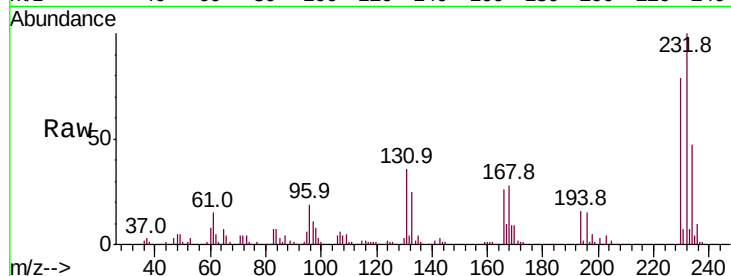
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.373 ng
RT: 15.32 min Scan# 2082
Delta R.T. 0.00 min
Lab File: BG038732.D
Acq: 19 Dec 2018 18:25

Instrument :
BNA_G
ClientSampleId :
PB115792BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	62763		
131	41.3		33.0	49.4
130	2.5		2.0	3.0
166	28.9		23.1	34.7

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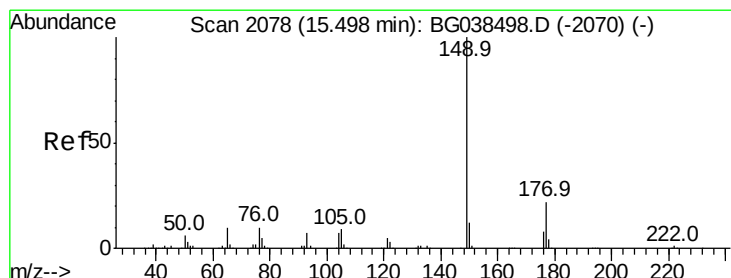
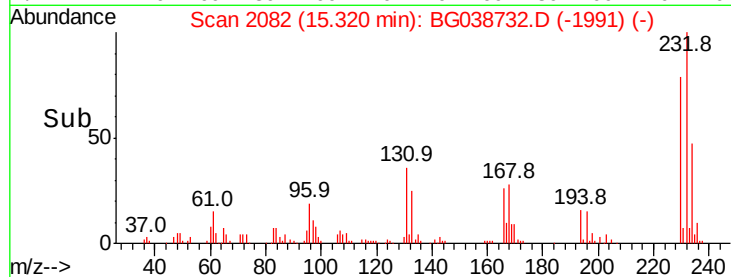
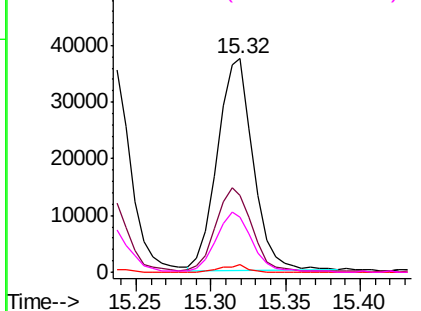
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 39.039 ng
RT: 15.50 min Scan# 2112
Delta R.T. -0.00 min
Lab File: BG038732.D
Acq: 19 Dec 2018 18:25

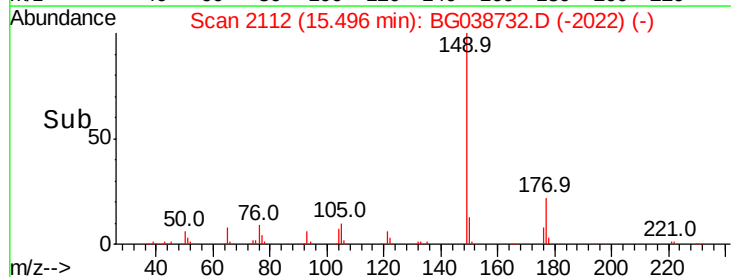
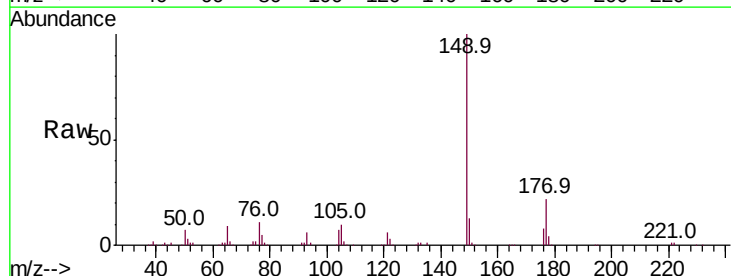
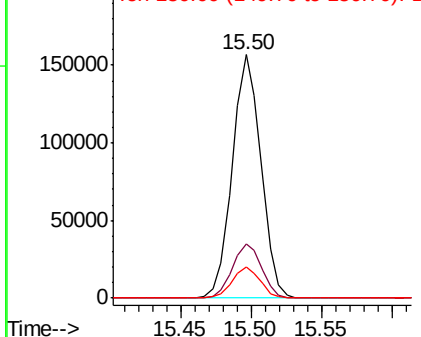
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	221125		
177	22.4		17.7	26.5
150	12.7		9.9	14.9

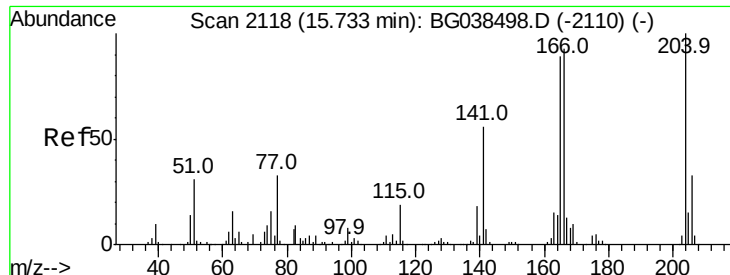
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





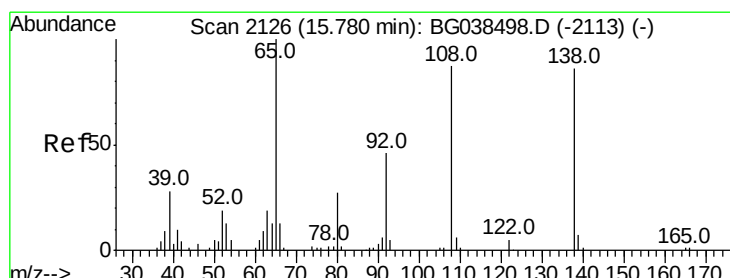
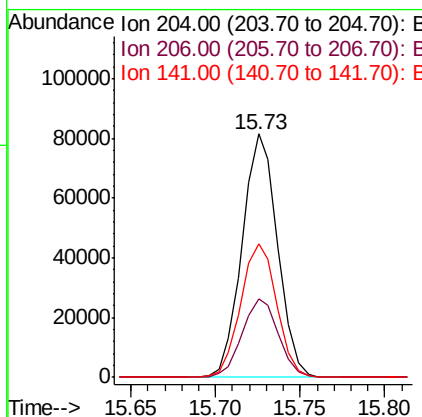
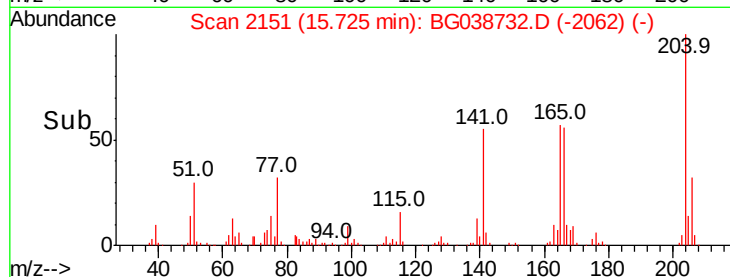
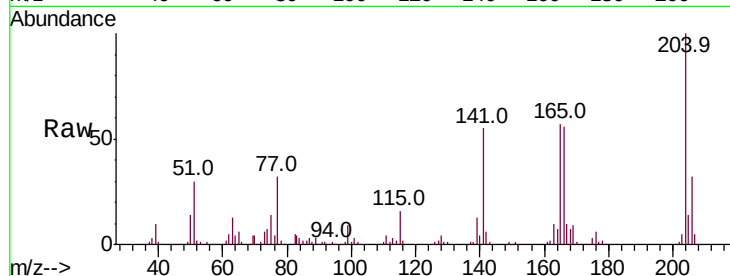
#61
4-Chlorophenyl-phenylether
Concen: 40.911 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG038732.D
Acq: 19 Dec 2018 18:25

Instrument :
BNA_G
ClientSampled :
PB115792BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.0	39.0
141	55.1	44.4	66.6

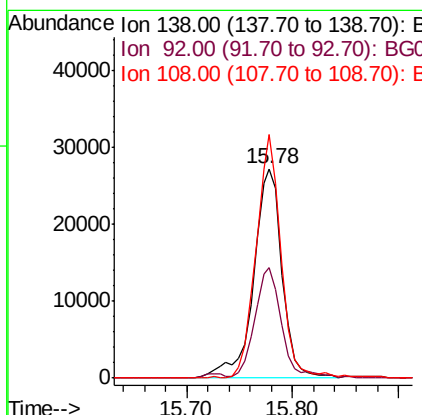
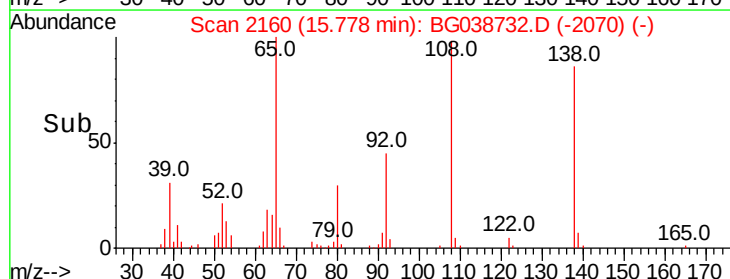
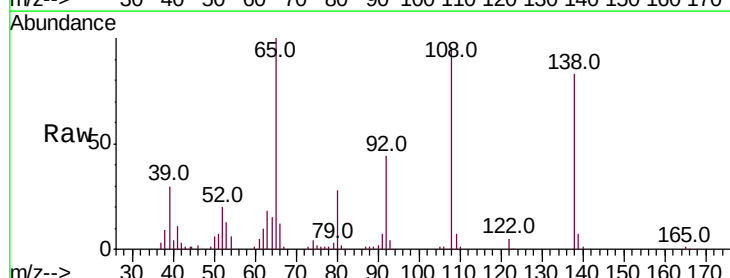
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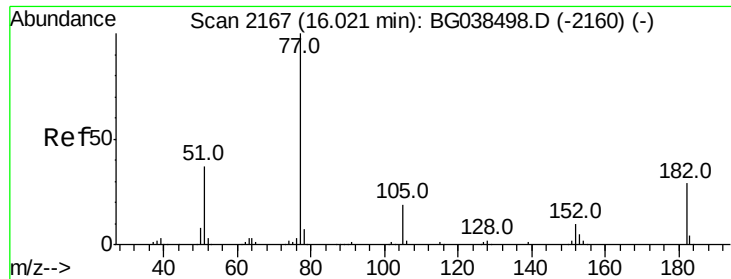
Sohil
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#62
4-Nitroaniline
Concen: 41.793 ng
RT: 15.78 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BG038732.D
Acq: 19 Dec 2018 18:25

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.1	33.3	73.3
108	116.2	81.4	121.4





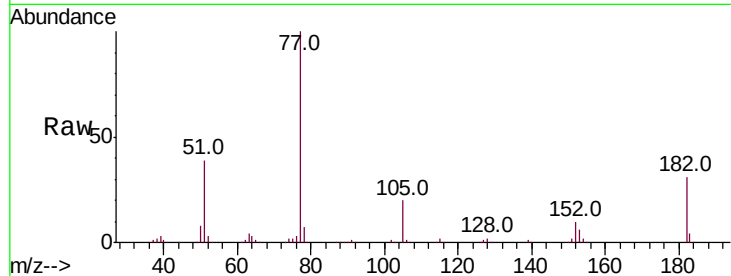
#63
Azobenzene
Concen: 39.658 ng
RT: 16.02 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BG038732.D
Acq: 19 Dec 2018 18:25

Instrument :
BNA_G
ClientSampleId :
PB115792BS

Tot Ion	Ratio	Resp Lower	Resp Upper
77	100		
182	31.3	8.7	48.7
105	20.0	0.0	38.7
51	39.4	16.6	56.6

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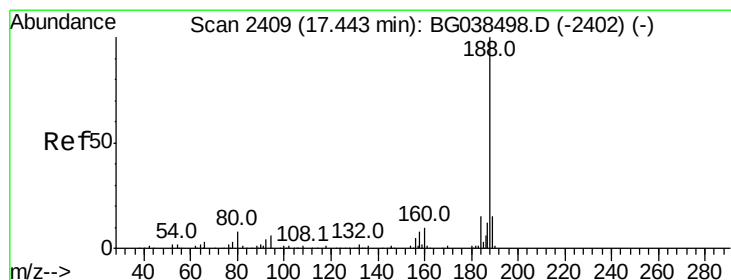
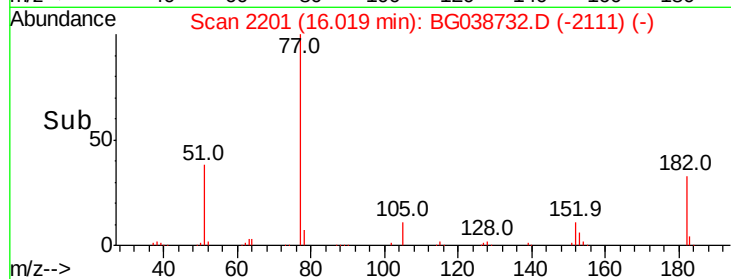
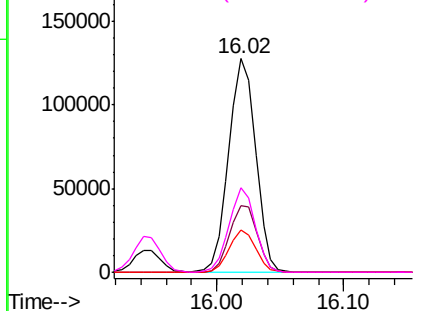
Abundance

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: BG038732.D
Acq: 19 Dec 2018 18:25

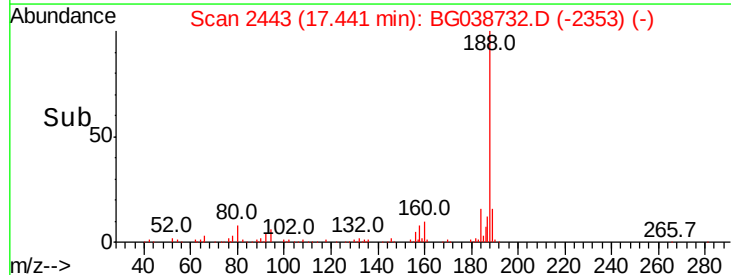
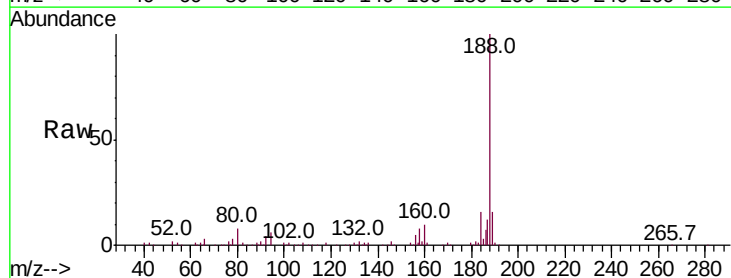
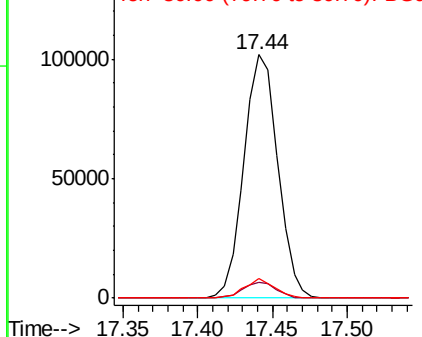
Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	6.2	5.1	7.7
80	8.2	6.1	9.1

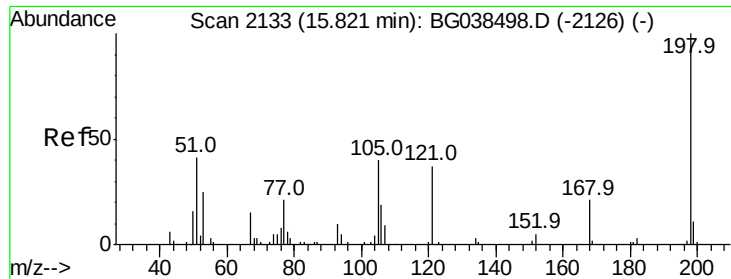
Abundance

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





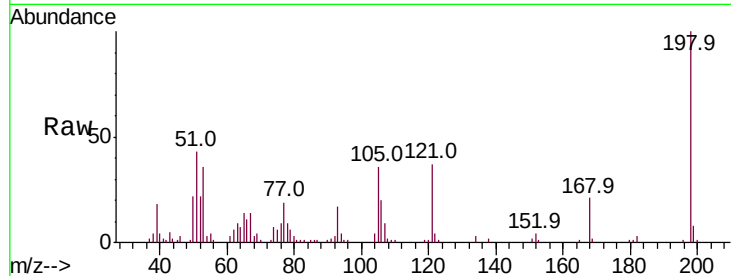
#65
4,6-Dinitro-2-methylphenol
Concen: 37.244 ng
RT: 15.82 min Scan# 2167
Delta R.T. -0.00 min
Lab File: BG038732.D
Acq: 19 Dec 2018 18:25

Instrument :
BNA_G
ClientSampleId :
PB115792BS

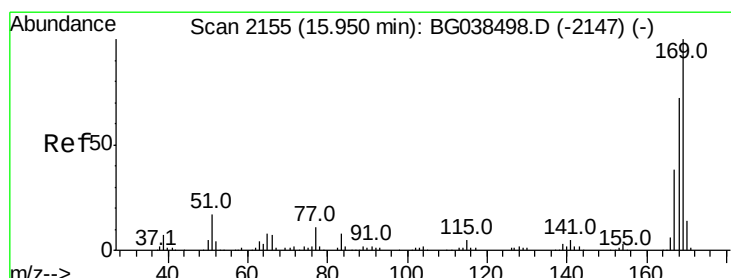
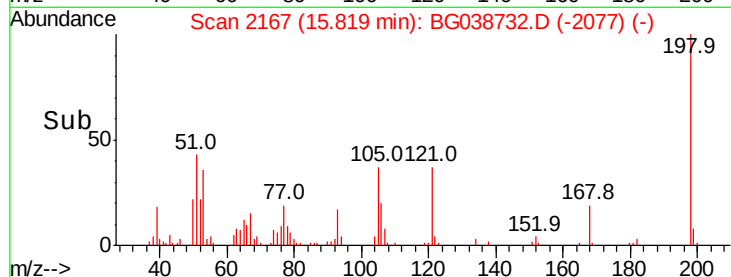
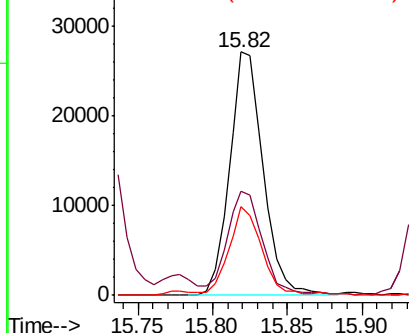
Tot Ion	Ratio	Lower	Upper
198	100		
51	42.5	28.6	68.6
105	36.3	20.4	60.4

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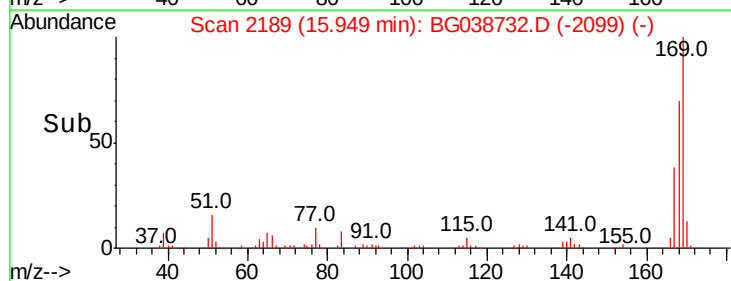
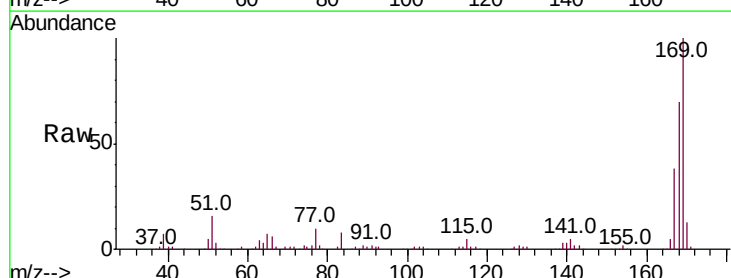
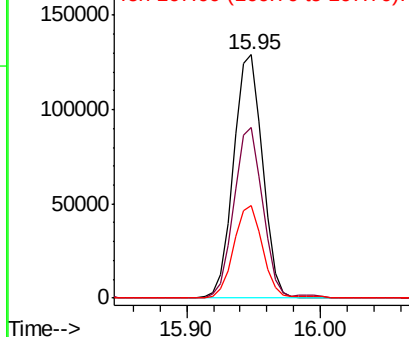
Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

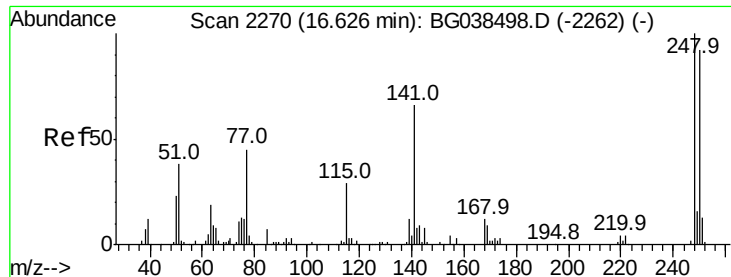


#66
n-Nitrosodiphenylamine
Concen: 41.337 ng
RT: 15.95 min Scan# 2189
Delta R.T. -0.00 min
Lab File: BG038732.D
Acq: 19 Dec 2018 18:25

Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.9	57.5	86.3
167	38.1	30.2	45.2

Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 41.263 ng

RT: 16.62 min Scan# 2304

Delta R.T. -0.00 min

Lab File: BG038732.D

Acq: 19 Dec 2018 18:25

Instrument :

BNA_G

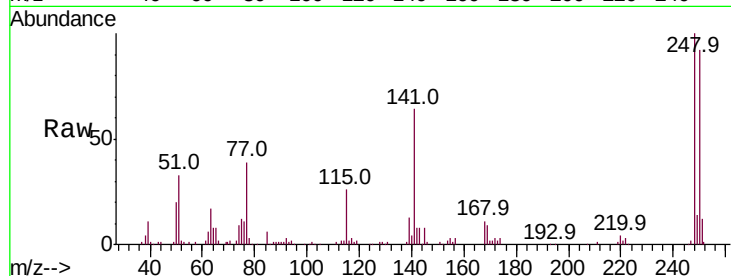
ClientSampleId :

PB115792BS

Tot Ion:	248	Resp:	80700
Ion Ratio	Lower	Upper	
248	100		
250	92.1	73.4	110.2
141	64.1	52.9	79.3

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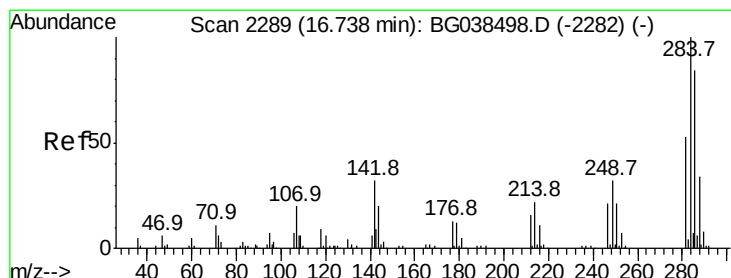
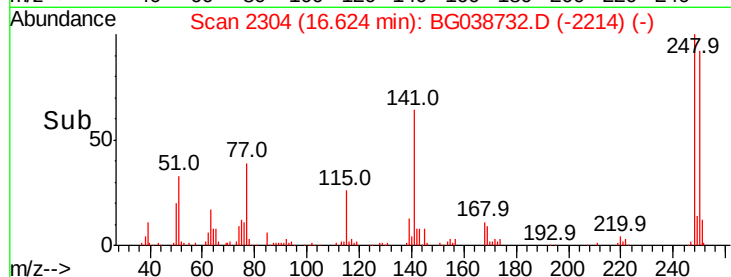
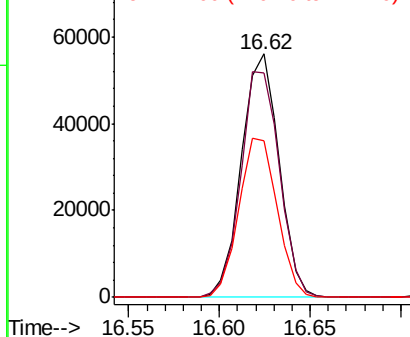


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 41.703 ng

RT: 16.74 min Scan# 2323

Delta R.T. -0.00 min

Lab File: BG038732.D

Acq: 19 Dec 2018 18:25

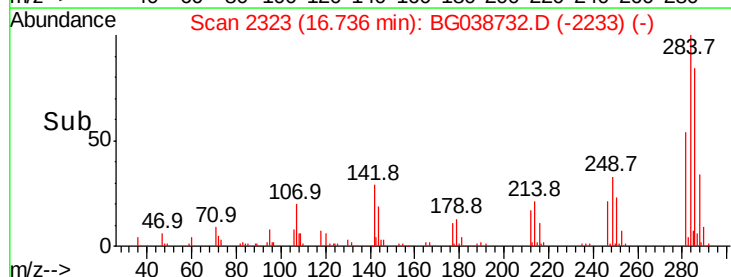
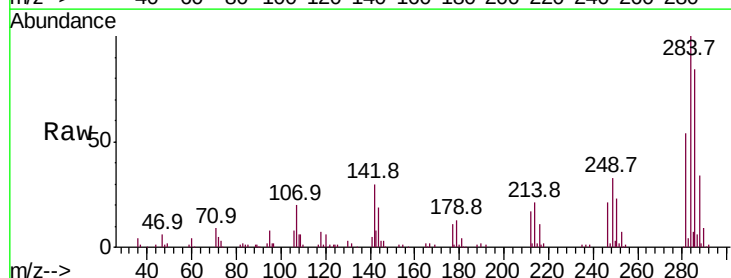
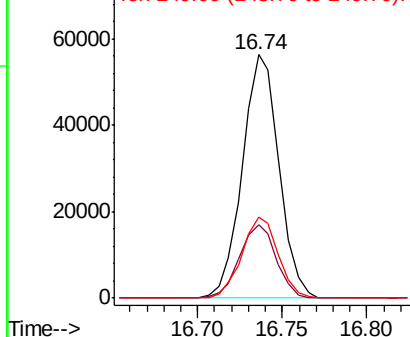
Tgt Ion:	284	Resp:	84546
Ion Ratio	Lower	Upper	
284	100		
142	30.1	25.8	38.6
249	36.1	27.0	40.4

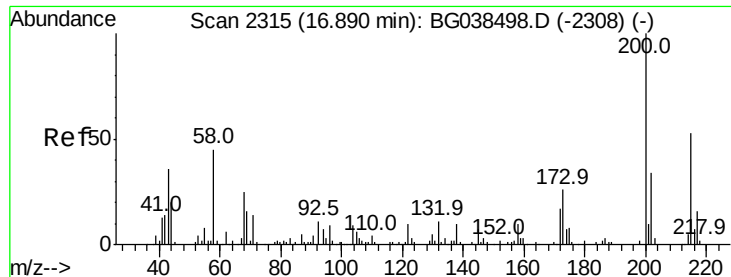
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





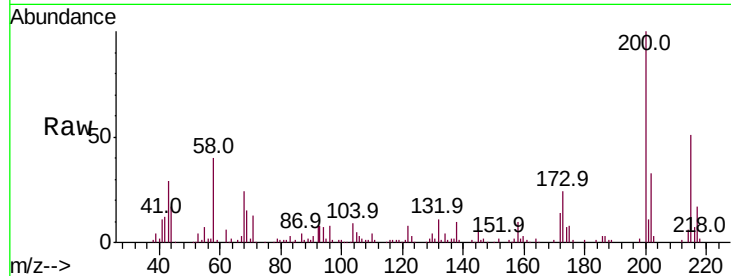
#69
Atrazine
Concen: 45.757 ng
RT: 16.89 min Scan# 2349
Delta R.T. -0.00 min
Lab File: BG038732.D
Acq: 19 Dec 2018 18:25

Instrument :
BNA_G
ClientSampleId :
PB115792BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.7	5.9	45.9
215	50.7	33.1	73.1

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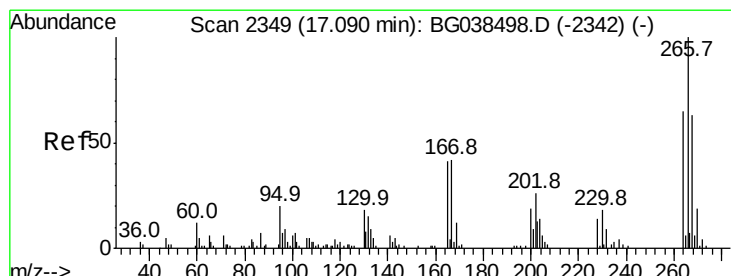
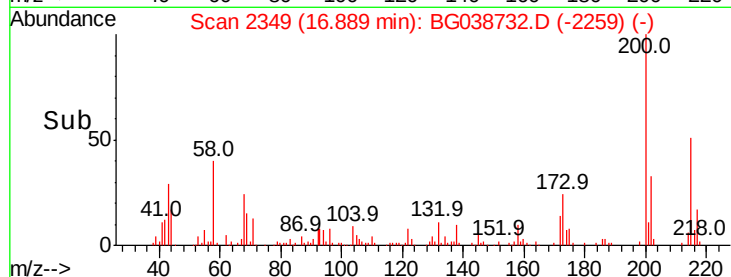
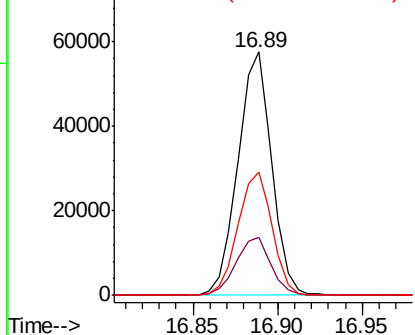


Abundance

Ion 200.00 (199.70 to 200.70): E

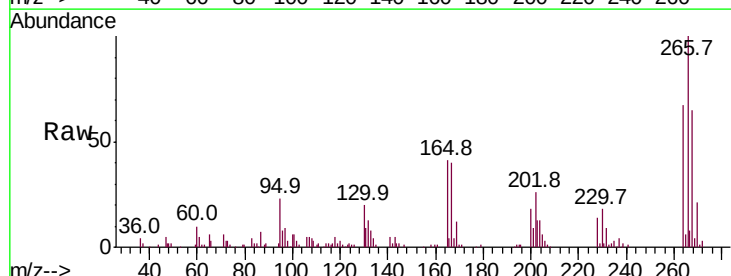
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 70.069 ng
RT: 17.09 min Scan# 2383
Delta R.T. -0.00 min
Lab File: BG038732.D
Acq: 19 Dec 2018 18:25

Tgt Ion	Ratio	Lower	Upper
266	100		
268	69.6	55.0	82.6
264	72.0	56.7	85.1

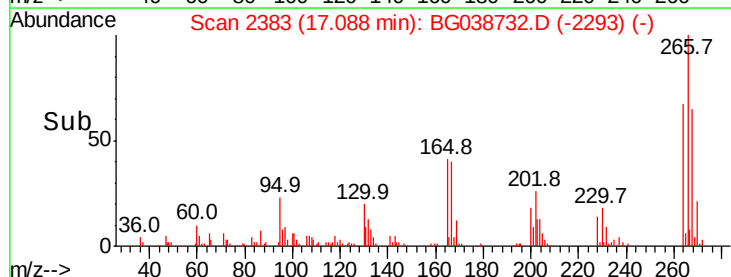
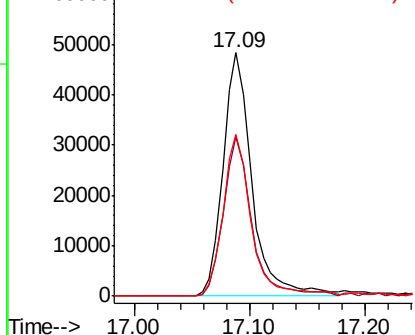


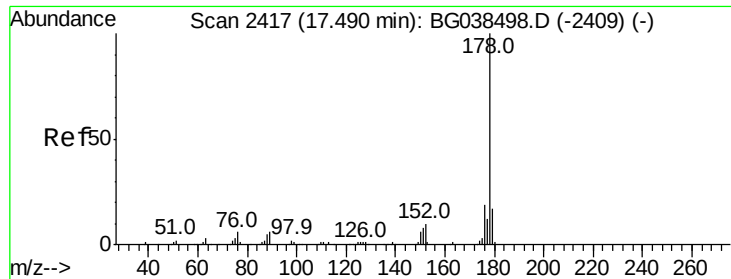
Abundance

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: 44.132 ng

RT: 17.49 min Scan# 2451

Delta R.T. -0.00 min

Lab File: BG038732.D

Acq: 19 Dec 2018 18:25

Instrument :

BNA_G

ClientSampleId :

PB115792BS

Tot Ion:178 Resp: 366478

Ion Ratio Lower Upper

178 100

176 18.9 15.1 22.7

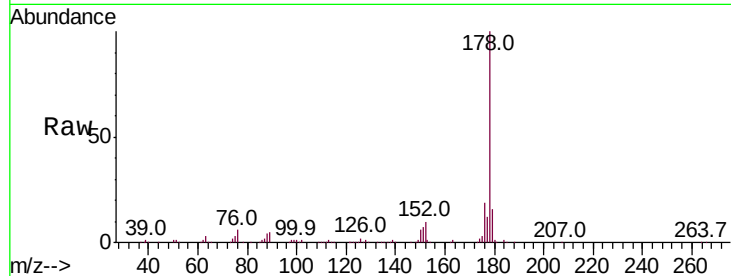
179 16.0 13.2 19.8

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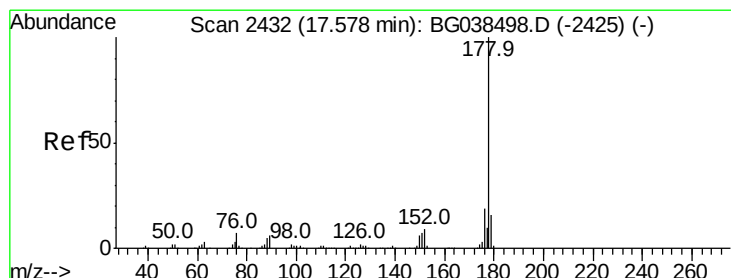
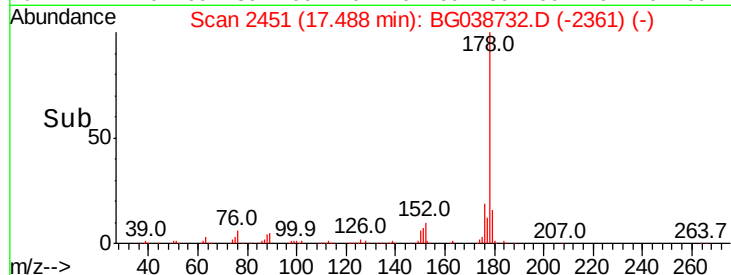
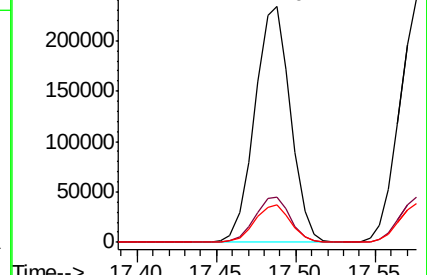
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 45.829 ng

RT: 17.58 min Scan# 2466

Delta R.T. -0.00 min

Lab File: BG038732.D

Acq: 19 Dec 2018 18:25

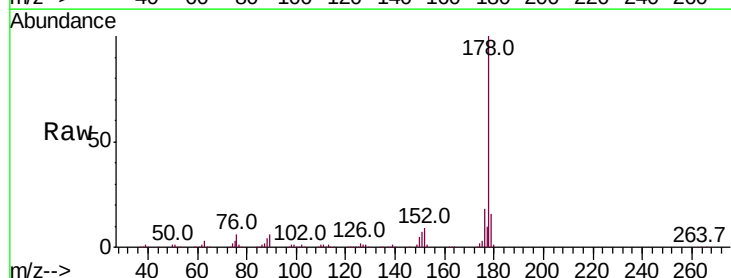
Tgt Ion:178 Resp: 375703

Ion Ratio Lower Upper

178 100

176 18.4 15.1 22.7

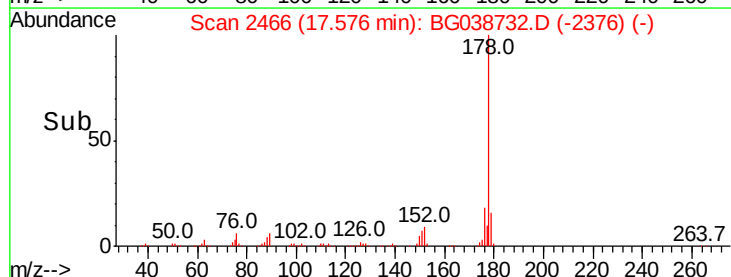
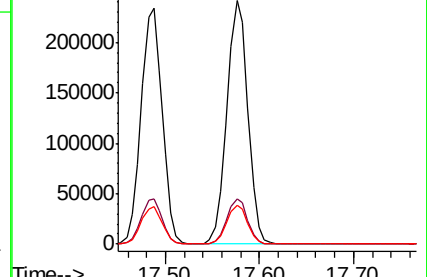
179 16.1 12.9 19.3

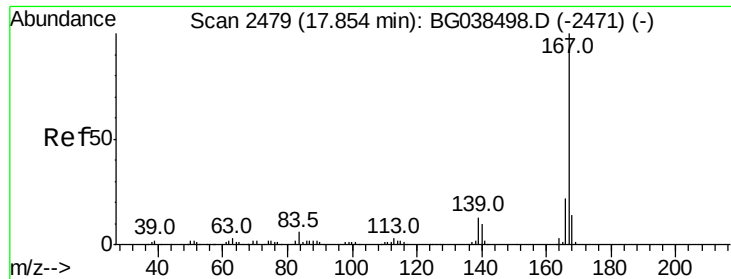


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 40.779 ng

RT: 17.85 min Scan# 2513

Delta R.T. -0.00 min

Lab File: BG038732.D

Acq: 19 Dec 2018 18:25

Instrument :

BNA_G

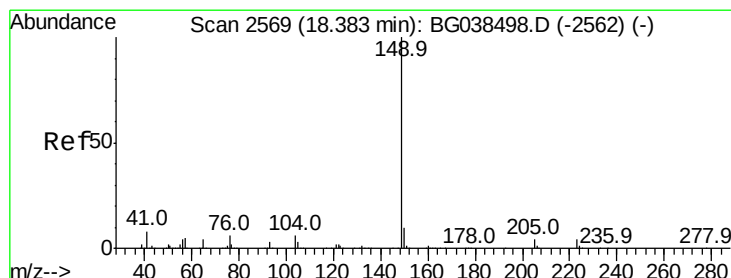
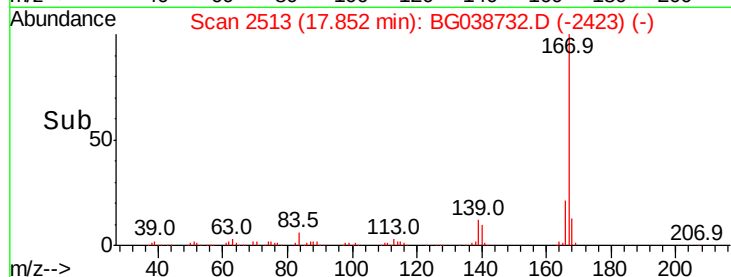
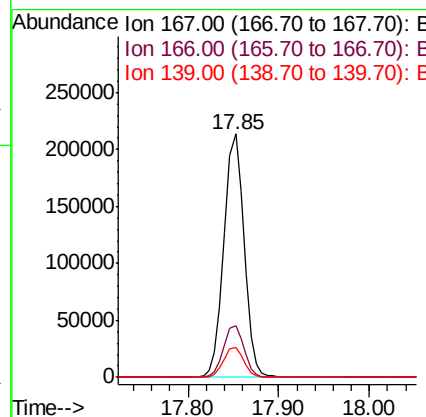
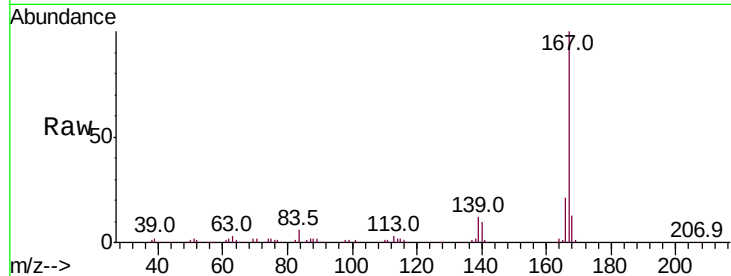
ClientSampleId :

PB115792BS

Tot Ion:	167	Resp:	330625
Ion Ratio	Lower	Upper	
167	100		
166	21.0	17.9	26.9
139	12.1	10.2	15.2

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#74

Di-n-butylphthalate

Concen: 41.068 ng

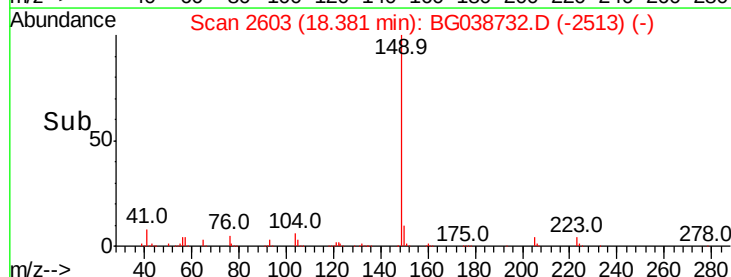
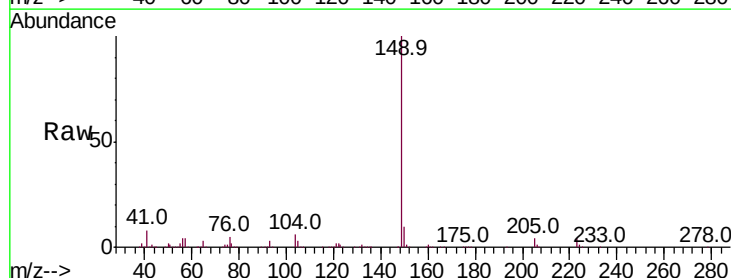
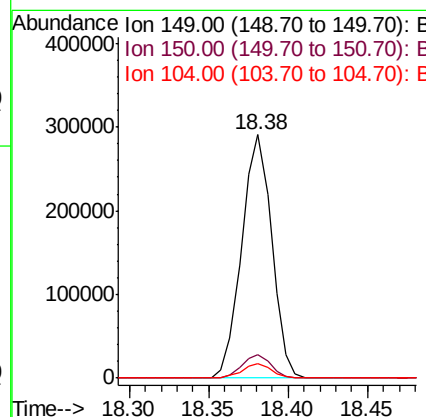
RT: 18.38 min Scan# 2603

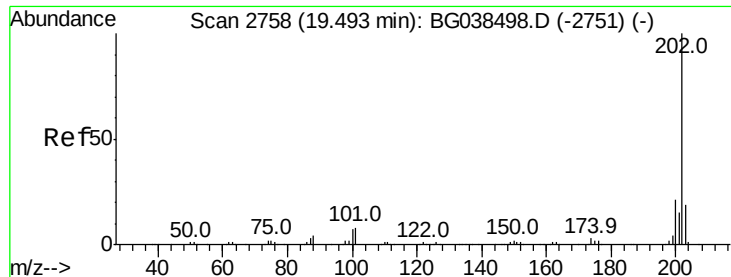
Delta R.T. -0.00 min

Lab File: BG038732.D

Acq: 19 Dec 2018 18:25

Tgt Ion:	149	Resp:	382058
Ion Ratio	Lower	Upper	
149	100		
150	9.8	7.6	11.4
104	5.9	5.0	7.4





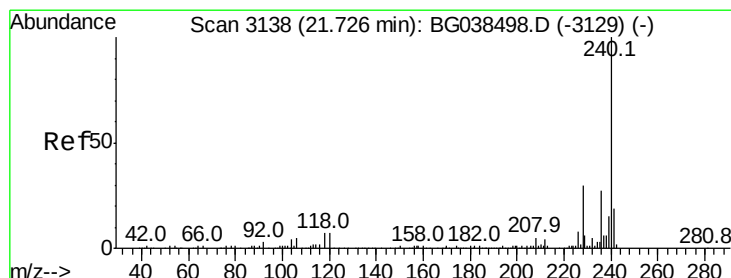
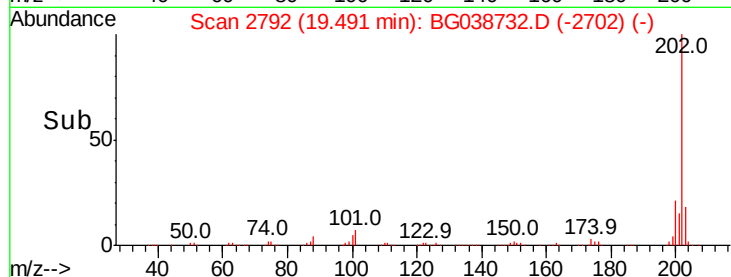
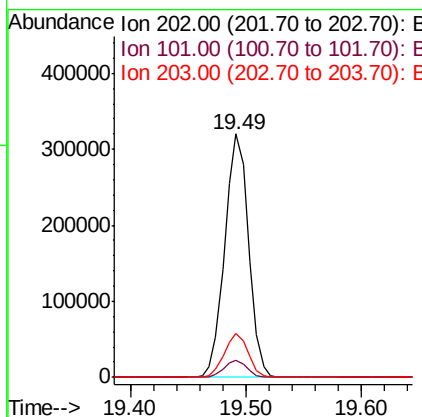
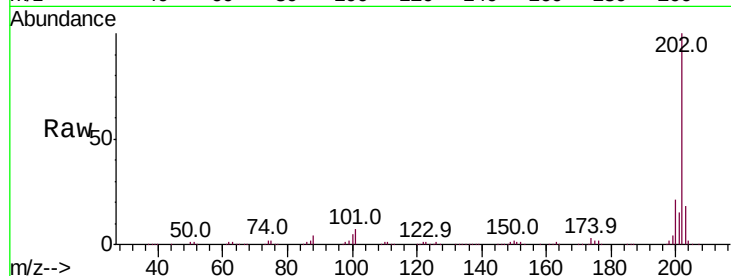
#75
 Fluoranthene
 Concen: 44.534 ng
 RT: 19.49 min Scan# 2792
 Delta R.T. -0.00 min
 Lab File: BG038732.D
 Acq: 19 Dec 2018 18:25

Instrument :
 BNA_G
 ClientSampleId :
 PB115792BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	6.8	0.0	28.1
203	17.8	0.0	39.0

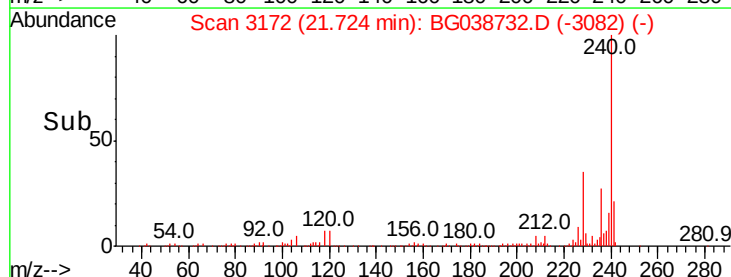
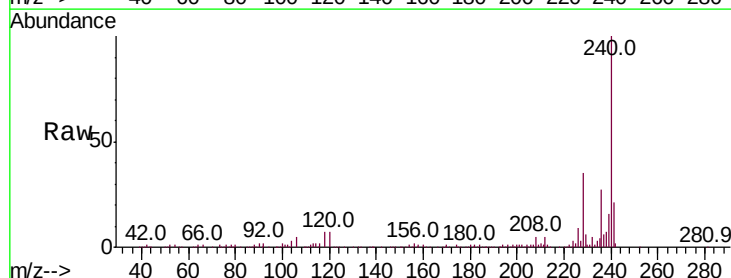
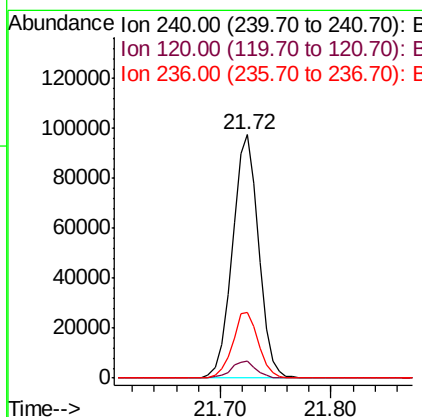
Manual Integrations
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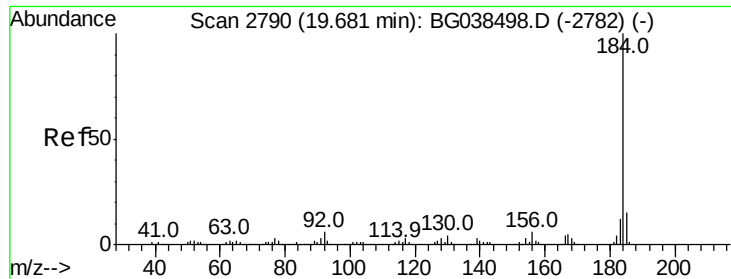
Sohil
 12/20/2018 1:06:38 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3172
 Delta R.T. -0.00 min
 Lab File: BG038732.D
 Acq: 19 Dec 2018 18:25

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	7.2	5.3	7.9
236	26.9	21.4	32.2





#77

Benzidine

Concen: 39.492 ng

RT: 19.67 min Scan# 2823

Delta R.T. -0.01 min

Lab File: BG038732.D

Acq: 19 Dec 2018 18:25

Instrument :

BNA_G

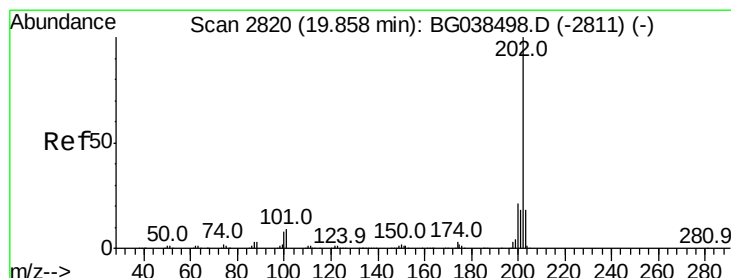
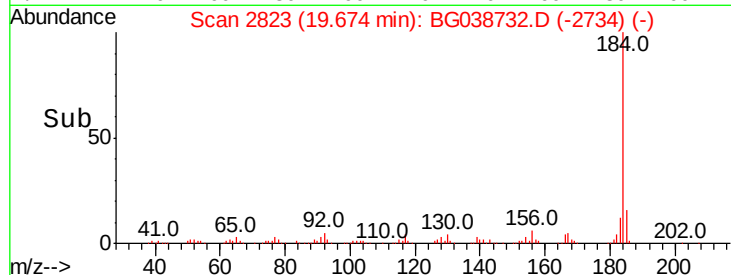
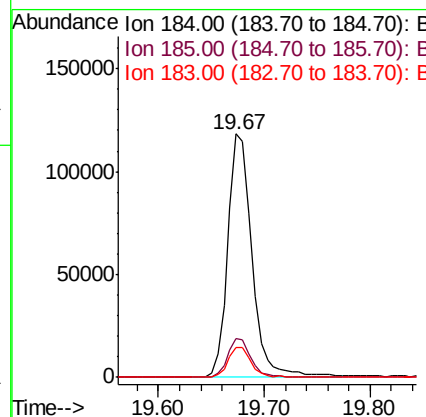
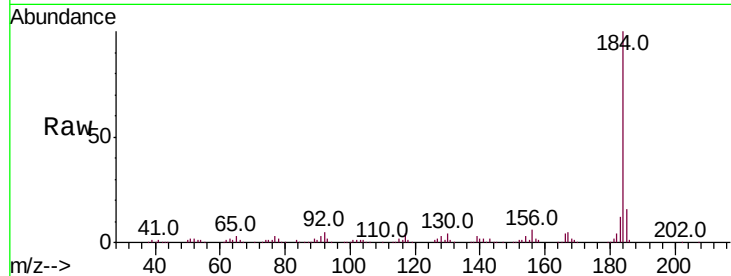
ClientSampleId :

PB115792BS

Tot Ion:	184	Resp:	188784
Ion Ratio	Lower	Upper	
184	100		
185	16.0	12.2	18.2
183	12.1	9.6	14.4

Manual Integrations
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#78

Pyrene

Concen: 43.129 ng

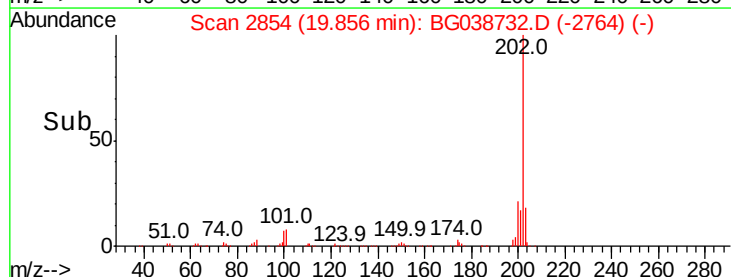
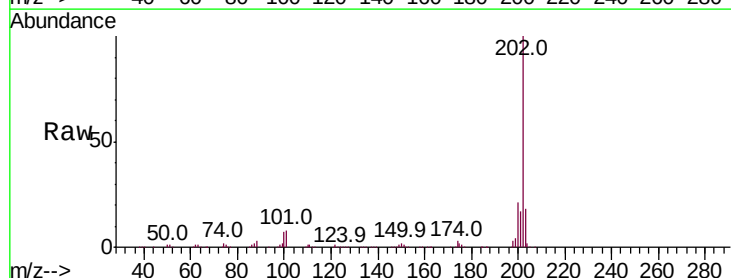
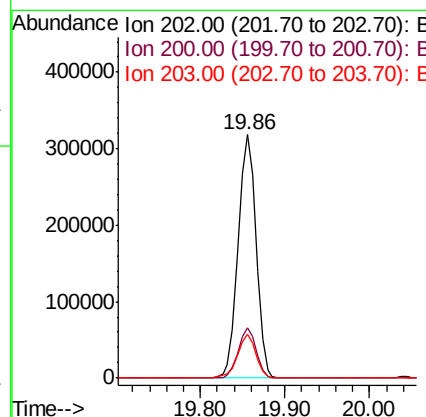
RT: 19.86 min Scan# 2854

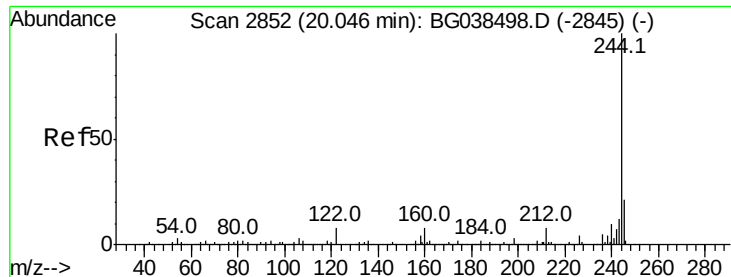
Delta R.T. -0.00 min

Lab File: BG038732.D

Acq: 19 Dec 2018 18:25

Tgt Ion:	202	Resp:	460544
Ion Ratio	Lower	Upper	
202	100		
200	20.7	16.6	25.0
203	18.0	14.6	21.8





#79

Terphenyl-d14

Concen: 85.301 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038732.D

Acq: 19 Dec 2018 18:25

Instrument :

BNA_G

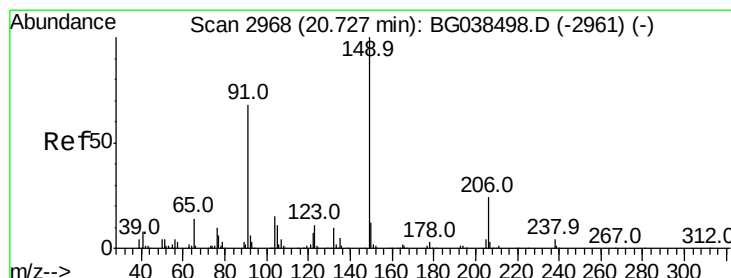
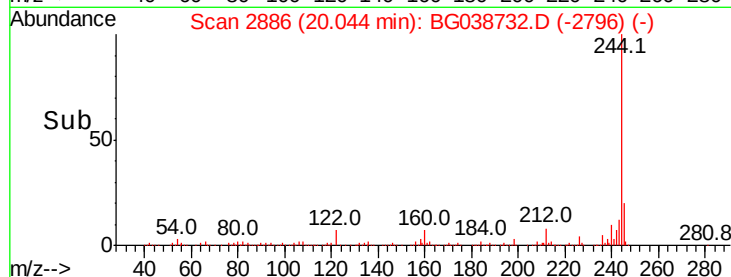
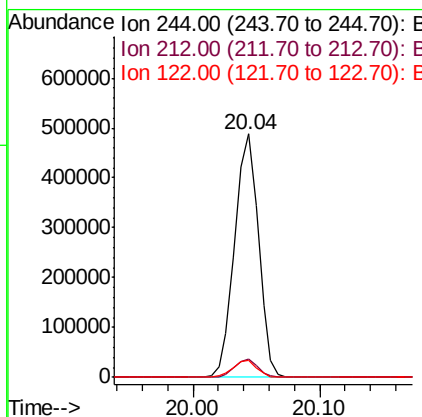
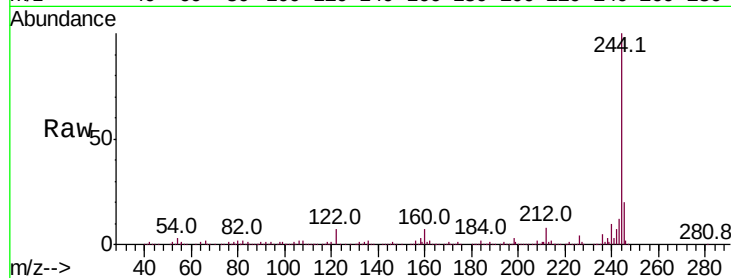
ClientSampleId :

PB115792BS

Tot Ion:	244	Resp:	633538
Ion Ratio	Lower	Upper	
244	100		
212	7.5	6.2	9.2
122	6.8	6.3	9.5

Manual Integrations
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#80

Butylbenzylphthalate

Concen: 41.711 ng

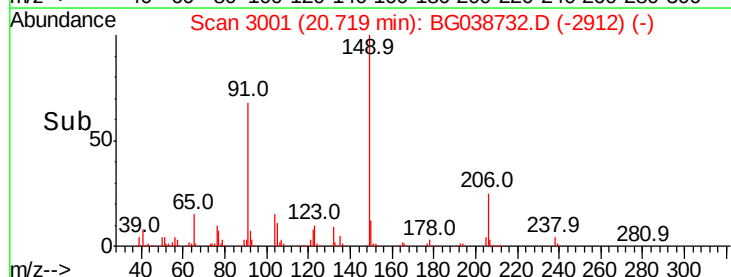
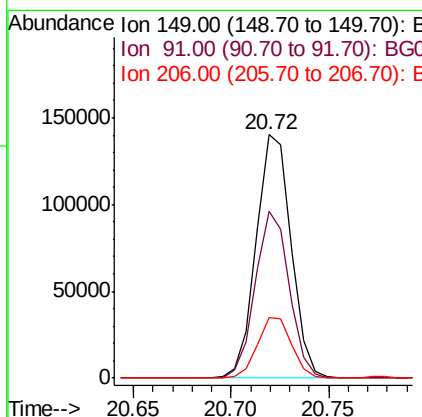
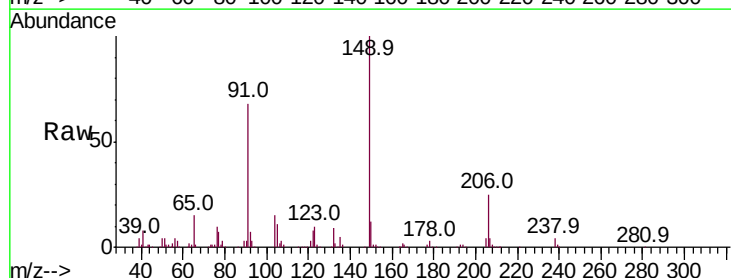
RT: 20.72 min Scan# 3001

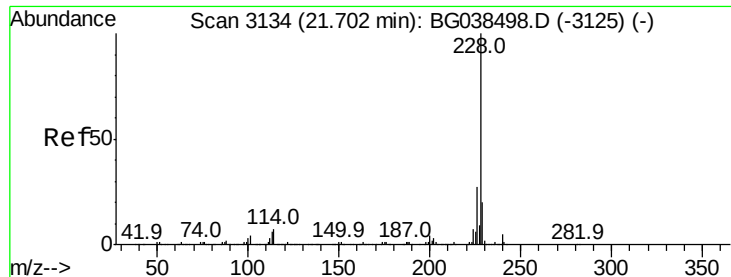
Delta R.T. -0.01 min

Lab File: BG038732.D

Acq: 19 Dec 2018 18:25

Tgt Ion:	149	Resp:	174013
Ion Ratio	Lower	Upper	
149	100		
91	68.4	54.5	81.7
206	24.9	19.0	28.6





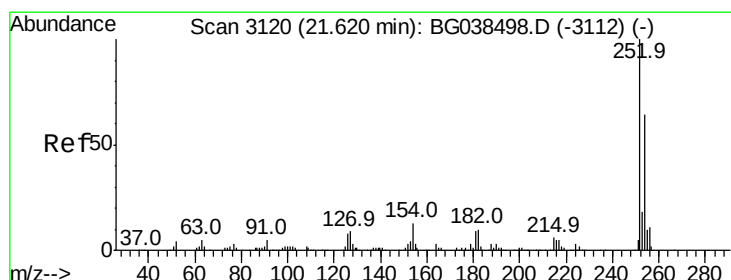
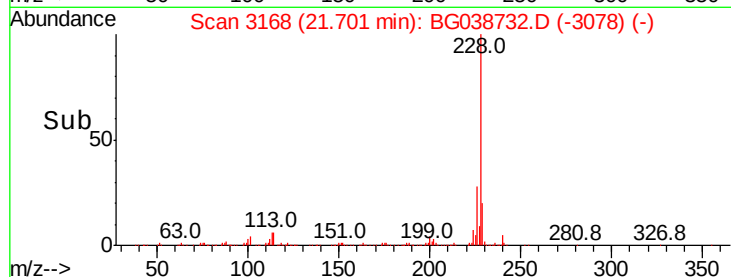
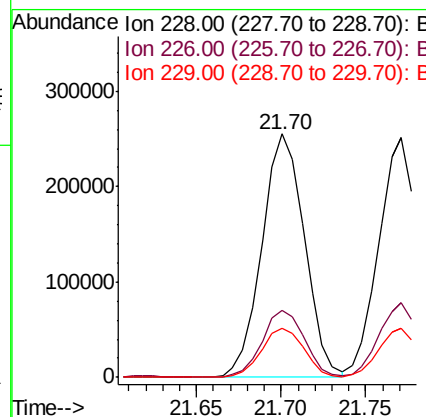
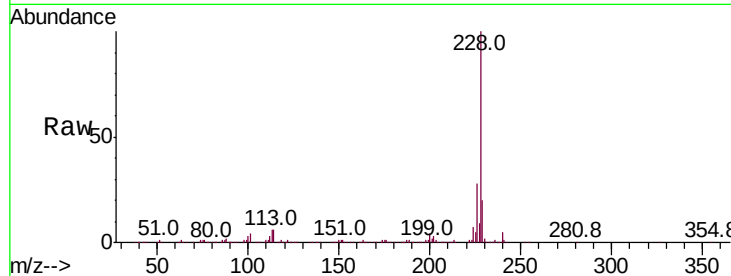
#81
Benzo(a)anthracene
Concen: 45.186 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.00 min
Lab File: BG038732.D
Acq: 19 Dec 2018 18:25

Instrument :
BNA_G
ClientSampleId :
PB115792BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.8	32.8
229	19.9	15.8	23.6

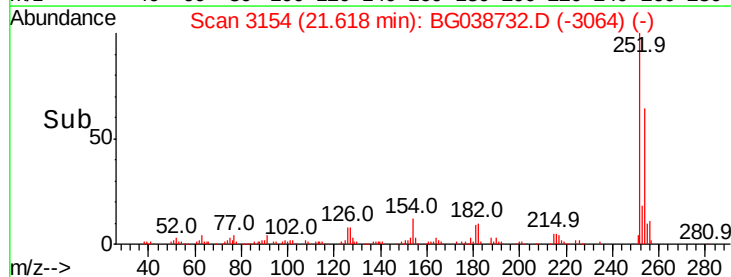
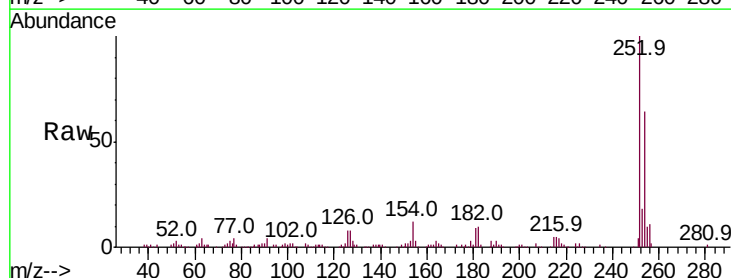
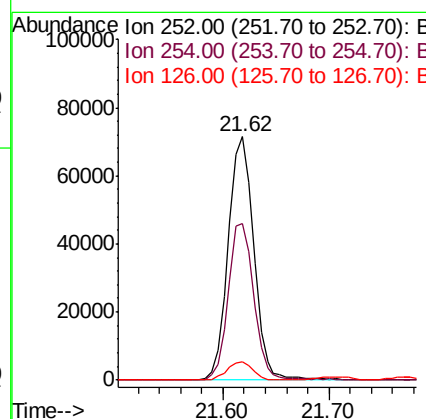
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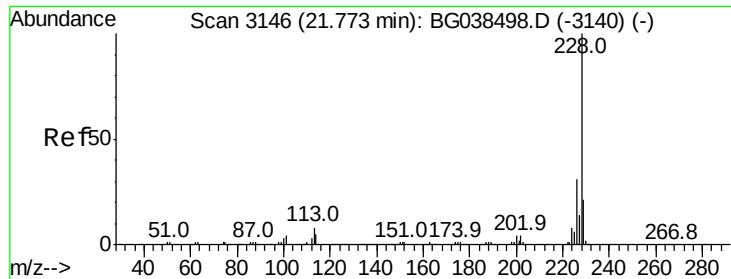
Sohil
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#82
3,3'-Dichlorobenzidine
Concen: 30.824 ng
RT: 21.62 min Scan# 3154
Delta R.T. -0.00 min
Lab File: BG038732.D
Acq: 19 Dec 2018 18:25

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.1	50.9	76.3
126	7.7	6.3	9.5





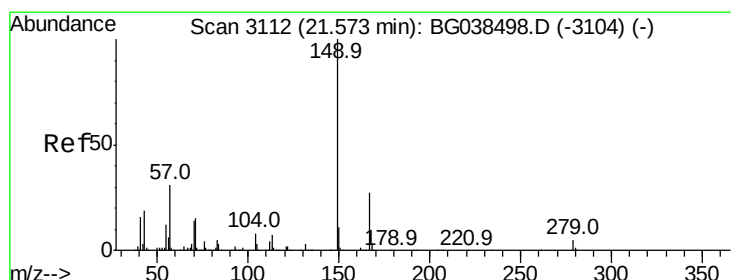
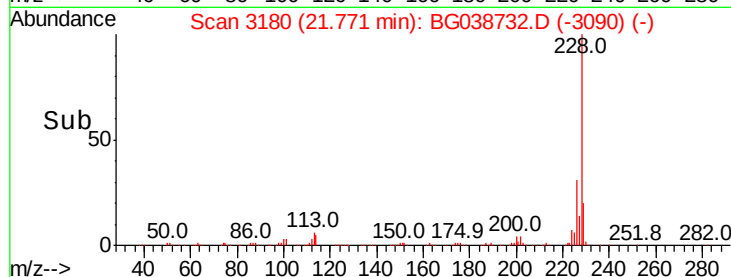
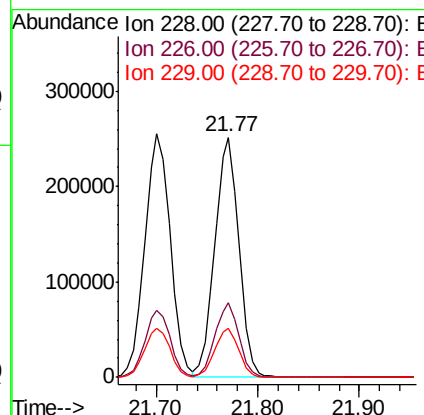
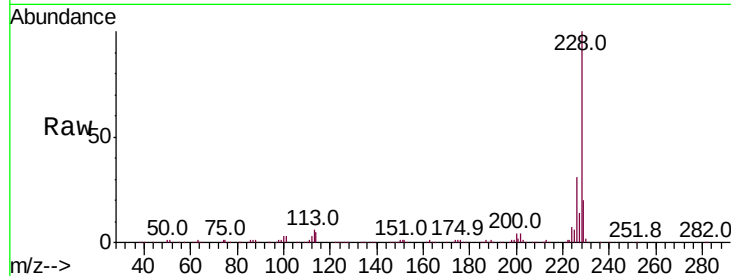
#83
 Chrysene
 Concen: 43.585 ng
 RT: 21.77 min Scan# 3180
 Delta R.T. -0.00 min
 Lab File: BG038732.D
 Acq: 19 Dec 2018 18:25

Instrument :
 BNA_G
 ClientSampleId :
 PB115792BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.4
229	20.2	16.5	24.7

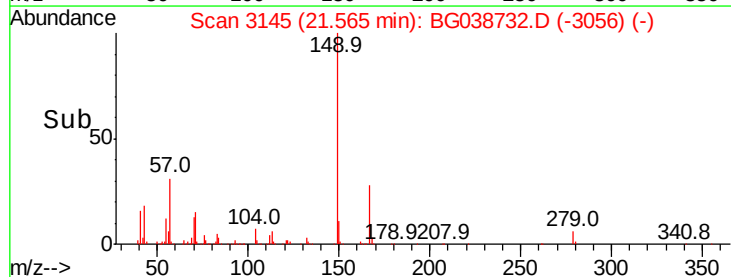
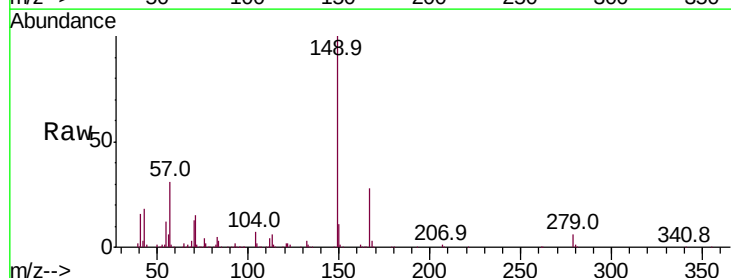
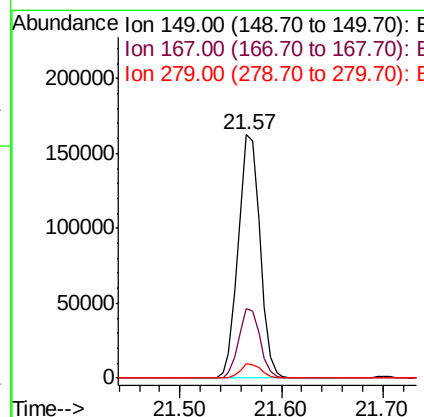
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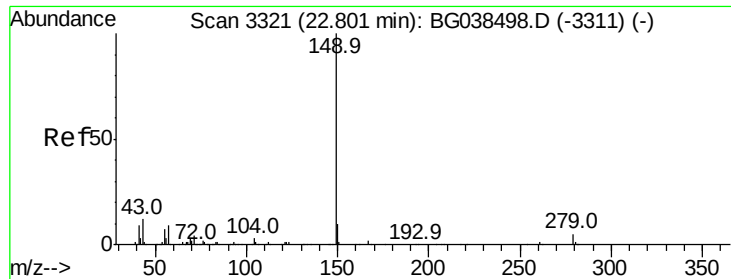
Sohil
 12/20/2018 1:06:38 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.974 ng
 RT: 21.57 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG038732.D
 Acq: 19 Dec 2018 18:25

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.5	21.9	32.9
279	6.1	4.2	6.2





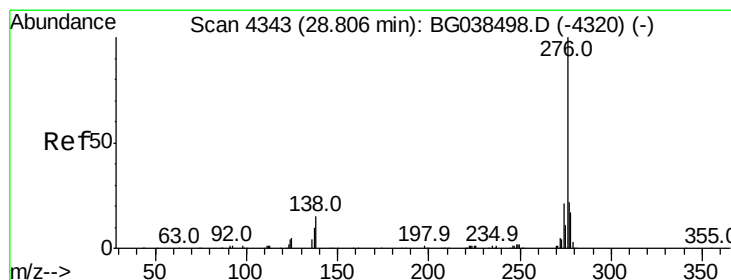
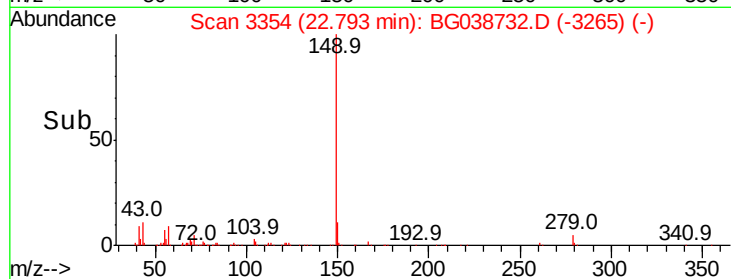
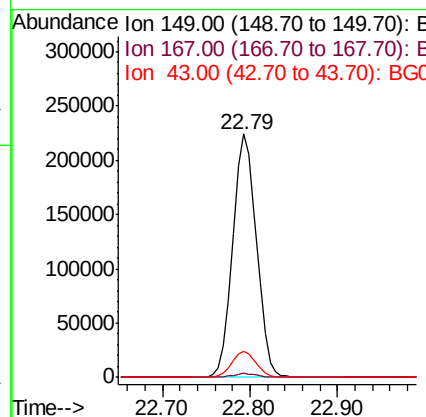
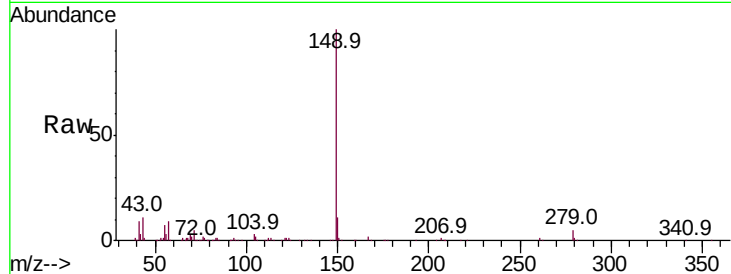
#85
Di-n-octyl phthalate
Concen: 41.768 ng
RT: 22.79 min Scan# 3354
Delta R.T. -0.01 min
Lab File: BG038732.D
Acq: 19 Dec 2018 18:25

Instrument :
BNA_G
ClientSampleId :
PB115792BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.5	1.2	1.8	
43	10.8	9.3	13.9	

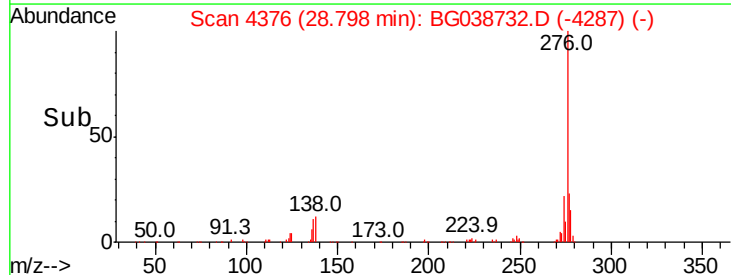
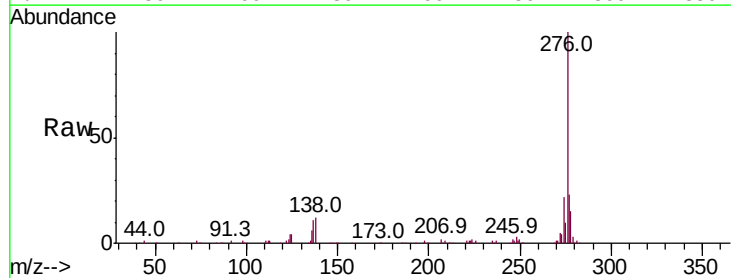
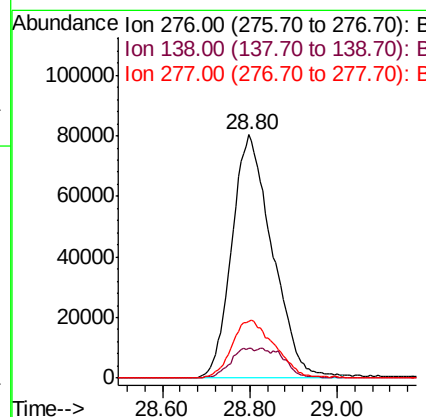
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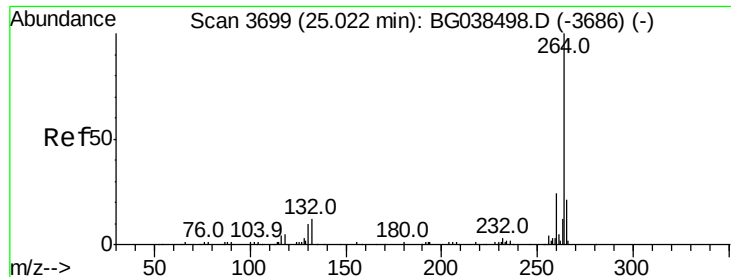
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 45.403 ng
RT: 28.80 min Scan# 4376
Delta R.T. -0.01 min
Lab File: BG038732.D
Acq: 19 Dec 2018 18:25

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	7.2	14.4	21.6#	
277	25.0	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: BG038732.D

Acq: 19 Dec 2018 18:25

Instrument :

BNA_G

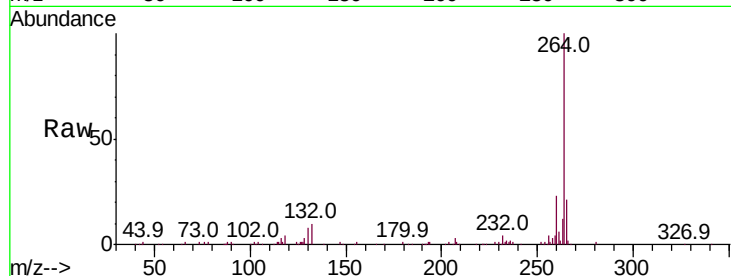
ClientSampleId :

PB115792BS

Tot Ion:	264	Resp:	172747
Ion Ratio	Lower	Upper	
264	100		
260	22.7	18.9	28.3
265	21.4	17.0	25.4

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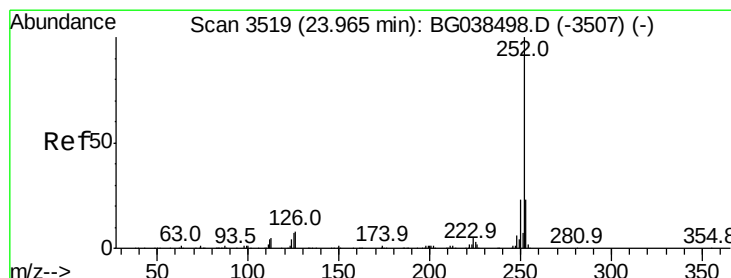
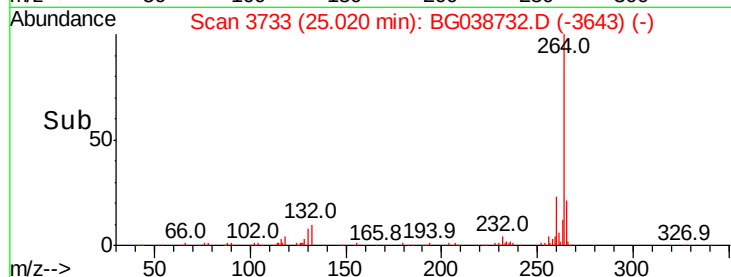
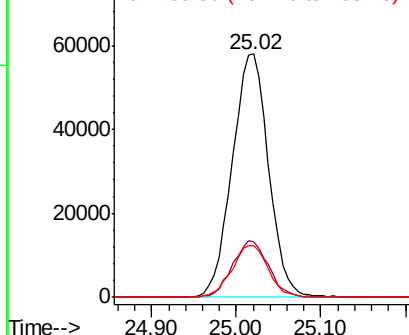


Abundance

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: 47.295 ng

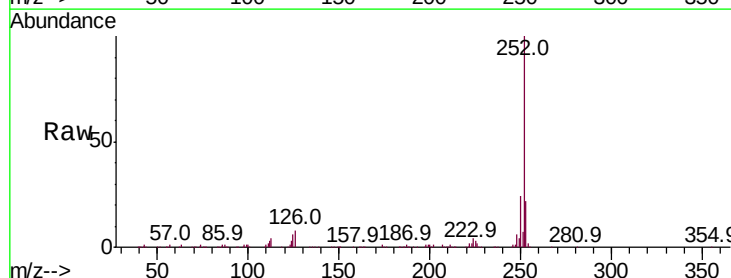
RT: 23.96 min Scan# 3553

Delta R.T. -0.00 min

Lab File: BG038732.D

Acq: 19 Dec 2018 18:25

Tgt Ion:	252	Resp:	448571
Ion Ratio	Lower	Upper	
252	100		
253	22.1	18.1	27.1
125	6.4	5.5	8.3

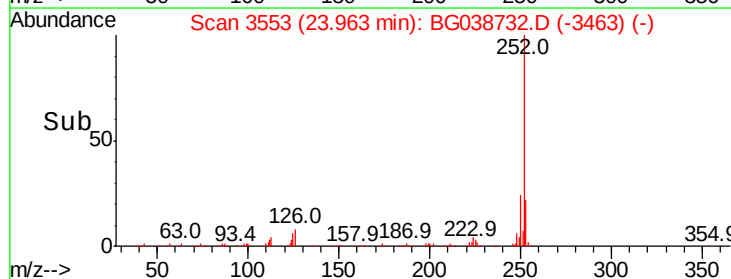
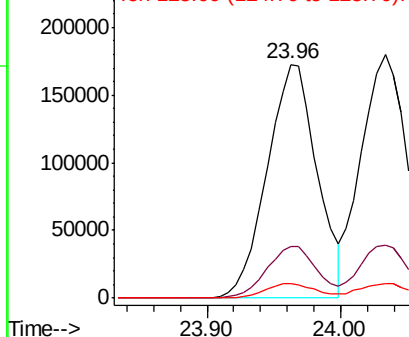


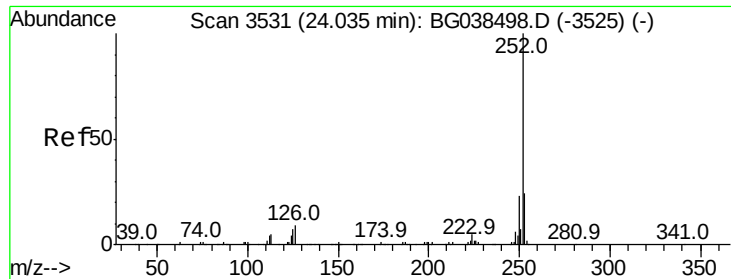
Abundance

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





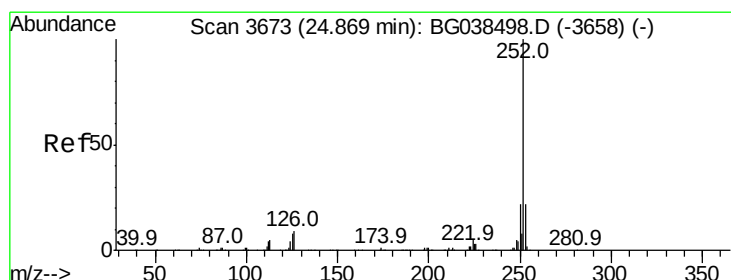
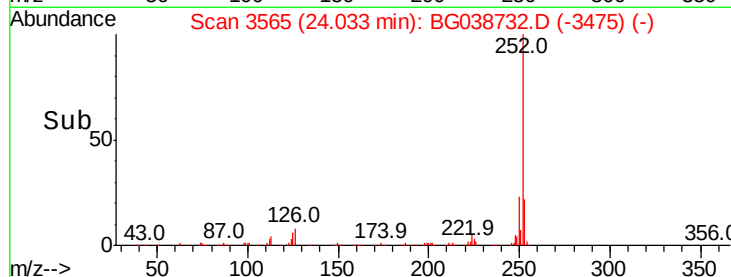
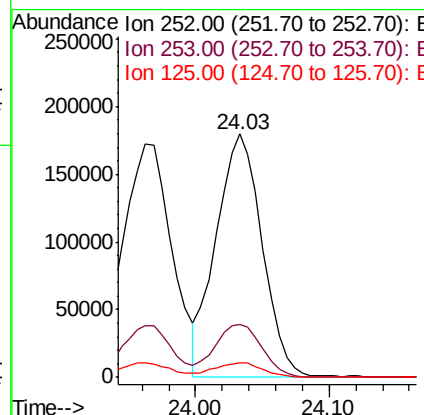
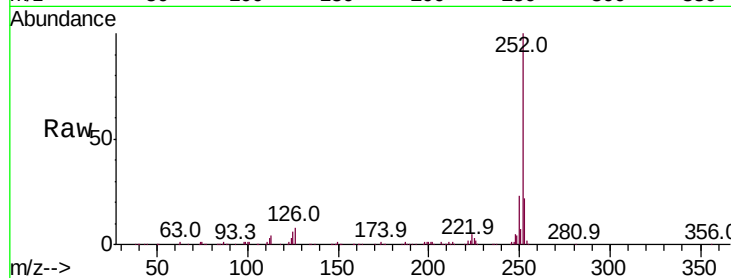
#89
Benzo(k)fluoranthene
Concen: 45.538 ng
RT: 24.03 min Scan# 3565
Delta R.T. -0.00 min
Lab File: BG038732.D
Acq: 19 Dec 2018 18:25

Instrument :
BNA_G
ClientSampleId :
PB115792BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.9	28.3
125	6.1	5.4	8.2

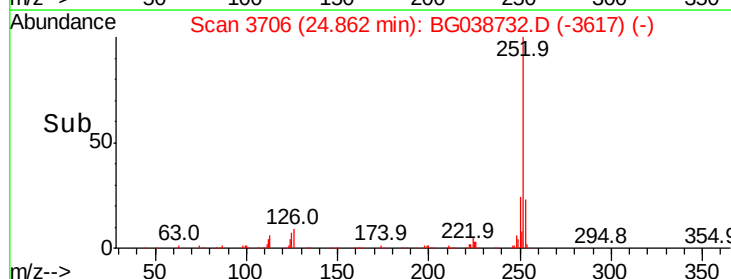
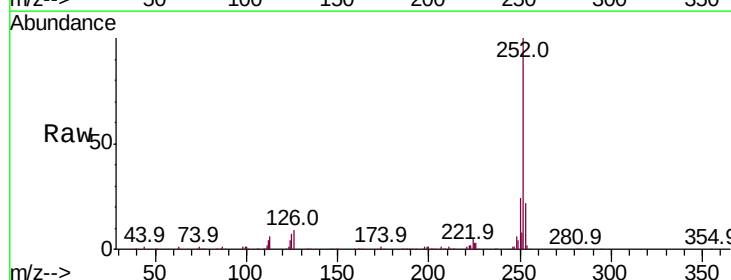
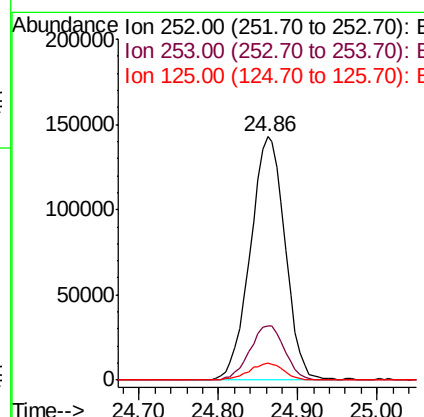
Manual Integrations
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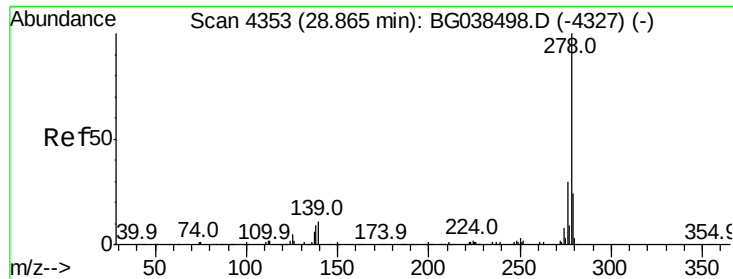
Sohil
12/20/2018 1:06:38 PM



#90
Benzo(a)pyrene
Concen: 47.521 ng
RT: 24.86 min Scan# 3706
Delta R.T. -0.01 min
Lab File: BG038732.D
Acq: 19 Dec 2018 18:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.0
125	7.1	6.4	9.6





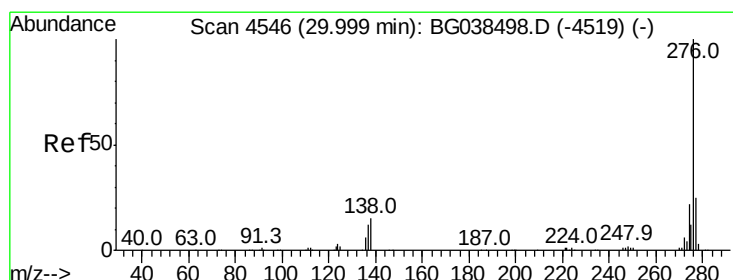
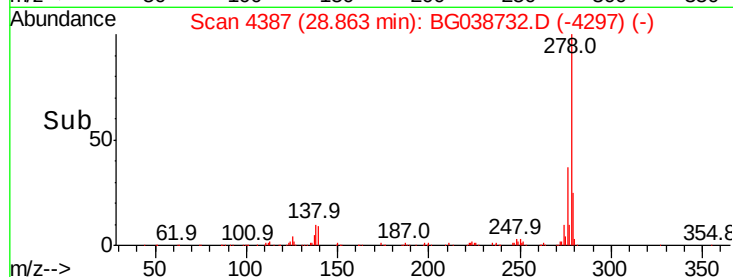
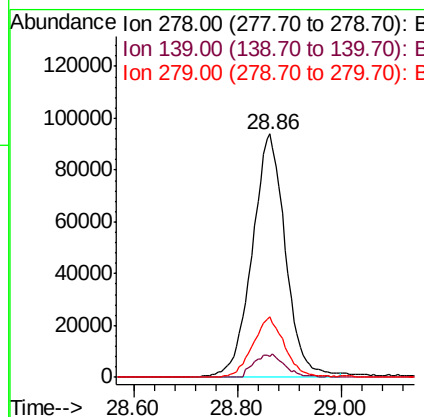
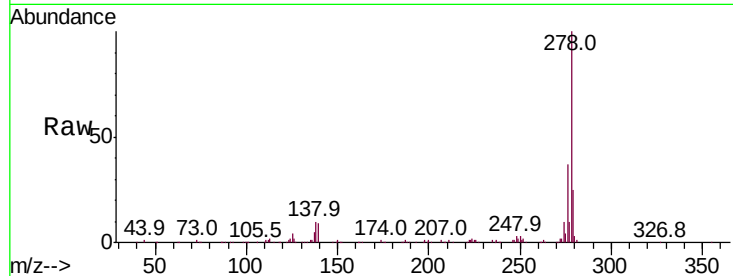
#91
Dibenzo(a,h)anthracene
Concen: 46.124 ng
RT: 28.86 min Scan# 4387
Delta R.T. -0.00 min
Lab File: BG038732.D
Acq: 19 Dec 2018 18:25

Instrument :
BNA_G
ClientSampleId :
PB115792BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.8	8.6	12.8
279	24.7	19.0	28.6

Manual Integrations
APPROVED

Sohil
12/20/2018 1:06:38 PM



#92
Benzo(g,h,i)perylene
Concen: 46.526 ng
RT: 29.99 min Scan# 4579
Delta R.T. -0.01 min
Lab File: BG038732.D
Acq: 19 Dec 2018 18:25

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.8	29.8
138	13.4	11.8	17.6

