

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010319\
 Data File : BG038909.D
 Acq On : 3 Jan 2019 18:43
 Operator : JU/SJ
 Sample : K1002-02MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AU-05-010219-AMS

Manual Integrations
 APPROVED

Sohil
 1/4/2019 11:21:14 AM

Quant Time: Jan 04 04:38:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	25510	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	108191	20.00	ng	-0.01
39) Acenaphthene-d10	14.69	164	78293	20.00	ng	-0.01
64) Phenanthrene-d10	17.44	188	197603	20.00	ng	0.00
76) Chrysene-d12	21.72	240	198465	20.00	ng	0.00
87) Perylene-d12	25.00	264	215307	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	184947	128.59	ng	0.00
7) Phenol-d6	7.21	99	240355	121.73	ng	0.00
23) Nitrobenzene-d5	9.23	82	171129	80.81	ng	-0.01
42) 2,4,6-Tribromophenol	16.18	330	169642	157.22	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	467594	81.93	ng	-0.01
79) Terphenyl-d14	20.04	244	904056	99.14	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.49	88	17908	26.753	ng	# 1
3) Pyridine	3.90	79	52290	28.372	ng	98
4) n-Nitrosodimethylamine	3.81	42	32858	36.387	ng	96
6) Aniline	7.38	93	80367	31.885	ng	97
8) 2-Chlorophenol	7.61	128	74249	44.610	ng	97
9) Benzaldehyde	7.19	77	26961	21.049	ng	98
10) Phenol	7.24	94	82219	39.195	ng	100
11) bis(2-Chloroethyl)ether	7.46	93	62752	37.574	ng	92
12) 1,3-Dichlorobenzene	7.93	146	75782	38.508	ng	98
13) 1,4-Dichlorobenzene	8.08	146	78621	39.008	ng	95
14) 1,2-Dichlorobenzene	8.40	146	77111	40.582	ng	99
15) Benzyl Alcohol	8.29	79	70573	45.792	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.57	45	127395	33.299	ng	97
17) 2-Methylphenol	8.49	107	64068	45.586	ng	95
18) Hexachloroethane	9.13	117	26960	36.606	ng	91
19) n-Nitroso-di-n-propylamine	8.85	70	56290	40.591	ng	93
20) 3+4-Methylphenols	8.82	107	89092	45.901	ng	95
22) Acetophenone	8.88	105	113062	41.838	ng	95
24) Nitrobenzene	9.27	77	84814	39.588	ng	97
25) Isophorone	9.78	82	164234	43.162	ng	98
26) 2-Nitrophenol	9.98	139	45570	41.559	ng	94
27) 2,4-Dimethylphenol	10.03	122	78672	50.062	ng	97
28) bis(2-Chloroethoxy)methane	10.26	93	91614	42.665	ng	99
29) 2,4-Dichlorophenol	10.51	162	90061	51.514	ng	96
30) 1,2,4-Trichlorobenzene	10.73	180	90963	43.075	ng	93
31) Naphthalene	10.91	128	237691	44.589	ng	99
32) Benzoic acid	10.15	122	6013m	14.913	ng	
33) 4-Chloroaniline	11.04	127	38689	16.717	ng	98
34) Hexachlorobutadiene	11.17	225	59825	41.868	ng	91
35) Caprolactam	11.82	113	23103	31.932	ng	# 84
36) 4-Chloro-3-methylphenol	12.15	107	95619	47.928	ng	96
37) 2-Methylnaphthalene	12.52	142	187322	49.257	ng	99
38) 1-Methylnaphthalene	12.74	142	178528	48.377	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	117856	40.271	ng	99

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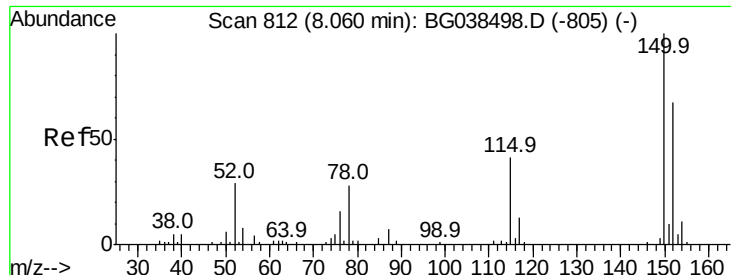
Manual Integrations
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Sohil
 1/4/2019 11:21:14 AM

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	129966	80.833	nq	93
43) 2,4,6-Trichlorophenol	13.12	196	84911	47.188	nq	96
44) 2,4,5-Trichlorophenol	13.21	196	93553	49.104	nq	97
46) 1,1'-Biphenyl	13.52	154	252456	38.464	nq	98
47) 2-Chloronaphthalene	13.57	162	204492	40.334	nq	98
48) 2-Nitroaniline	13.78	65	66481	41.167	nq	93
49) Acenaphthylene	14.42	152	340951	44.984	nq	98
50) Dimethylphthalate	14.14	163	282233	44.143	nq	99
51) 2,6-Dinitrotoluene	14.27	165	64318	44.390	nq	91
52) Acenaphthene	14.75	154	195392	43.112	nq	100
53) 3-Nitroaniline	14.61	138	47394	32.088	nq	90
54) 2,4-Dinitrophenol	14.82	184	5239	10.865	nq	92
55) Dibenzofuran	15.09	168	341773	43.993	nq	96
56) 4-Nitrophenol	14.92	139	67227	59.998	nq	96
57) 2,4-Dinitrotoluene	15.06	165	90862	44.524	nq	94
58) Fluorene	15.73	166	275015	47.780	nq	96
59) 2,3,4,6-Tetrachlorophenol	15.31	232	82532	48.149	nq	94
60) Diethylphthalate	15.49	149	290786	41.429	nq	97
61) 4-Chlorophenyl-phenylether	15.72	204	159828	44.505	nq	96
62) 4-Nitroaniline	15.77	138	65819	43.285	nq	96
63) Azobenzene	16.01	77	228383	38.950	nq	95
65) 4,6-Dinitro-2-methylphenol	15.82	198	13507	9.582	nq	87
66) n-Nitrosodiphenylamine	15.94	169	252447	43.480	nq	98
67) 4-Bromophenyl-phenylether	16.61	248	105914	43.888	nq	95
68) Hexachlorobenzene	16.73	284	115153	46.031	nq	96
69) Atrazine	16.88	200	102863	47.739	nq	99
70) Pentachlorophenol	17.08	266	38125	25.765	nq	99
71) Phenanthrene	17.48	178	476584	46.510	nq	99
72) Anthracene	17.57	178	484175	47.862	nq	99
73) Carbazole	17.85	167	417758	41.757	nq	98
74) Di-n-butylphthalate	18.38	149	489380	42.630	nq	99
75) Fluoranthene	19.49	202	586269	46.242	nq	97
77) Benzidine	19.67	184	183034	31.184	nq	97
78) Pyrene	19.85	202	584570	44.586	nq	99
80) Butylbenzylphthalate	20.71	149	215296	42.030	nq	99
81) Benzo(a)anthracene	21.70	228	564634	46.689	nq	99
82) 3,3'-Dichlorobenzidine	21.61	252	147254	30.701	nq	98
83) Chrysene	21.77	228	524315	45.012	nq	99
84) Bis(2-ethylhexyl)phthalate	21.56	149	308064	42.404	nq	97
85) Di-n-octyl phthalate	22.78	149	522292	42.927	nq	97
86) Indeno(1,2,3-cd)pyrene	28.80	276	645660	47.147	nq	# 76
88) Benzo(b)fluoranthene	23.96	252	560844	47.444	nq	98
89) Benzo(k)fluoranthene	24.03	252	555555	47.195	nq	95
90) Benzo(a)pyrene	24.86	252	553575	48.540	nq	# 98
91) Dibenzo(a,h)anthracene	28.85	278	537439	47.330	nq	98
92) Benzo(g,h,i)perylene	29.98	276	540535	48.303	nq	96

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



#1

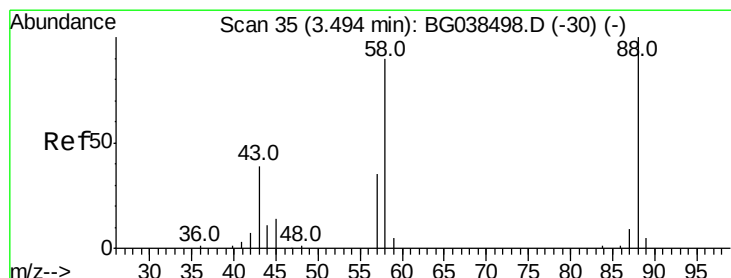
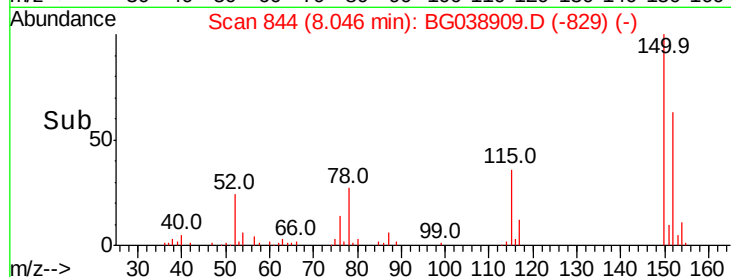
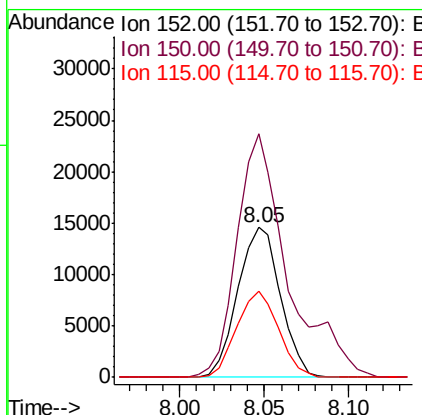
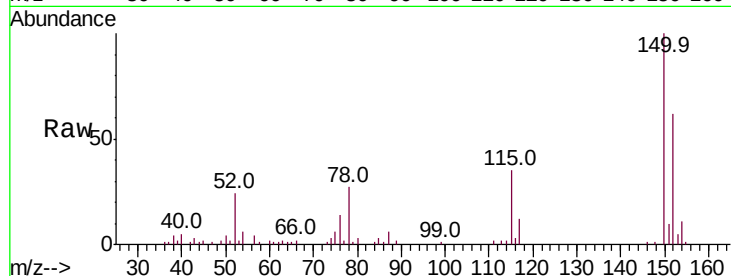
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG038909.D
Acq: 3 Jan 2019 18:43

Instrument :
BNA_G
ClientSampleId :
AU-05-010219-AMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.4	119.5	179.3
115	57.3	49.6	74.4

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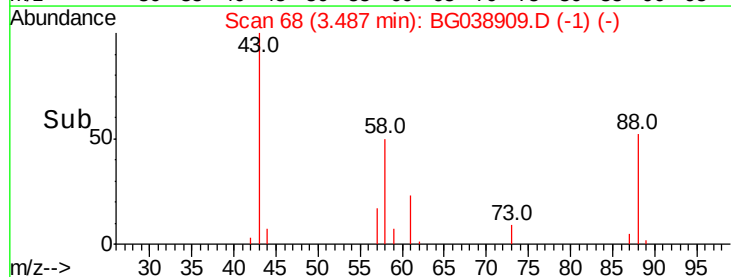
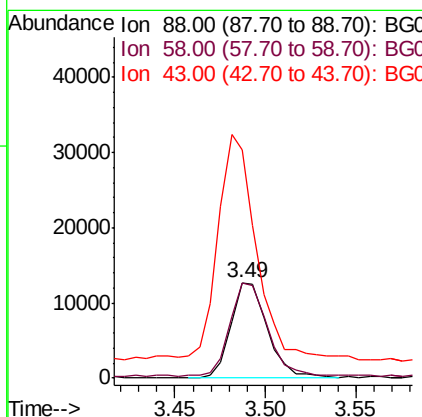
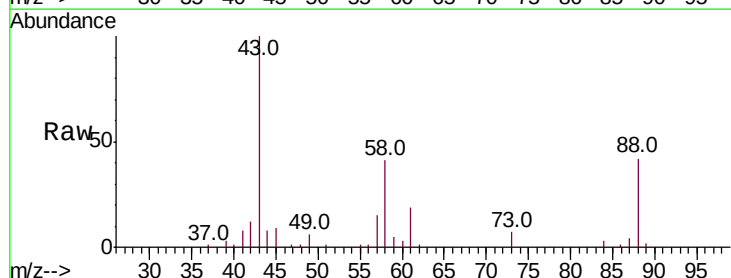
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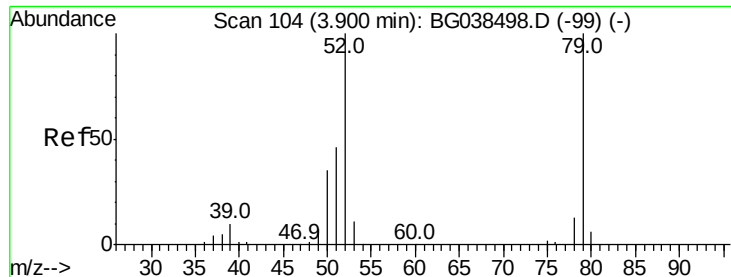


#2

1,4-Dioxane
Concen: 26.753 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.01 min
Lab File: BG038909.D
Acq: 3 Jan 2019 18:43

Tgt Ion	Ratio	Lower	Upper
88	100		
58	102.0	75.7	113.5
43	244.5	31.6	47.4#





#3

Pvridine

Concen: 28.372 ng

RT: 3.90 min Scan# 138

Delta R.T. -0.00 min

Lab File: BG038909.D

Acq: 3 Jan 2019 18:43

Instrument :

BNA_G

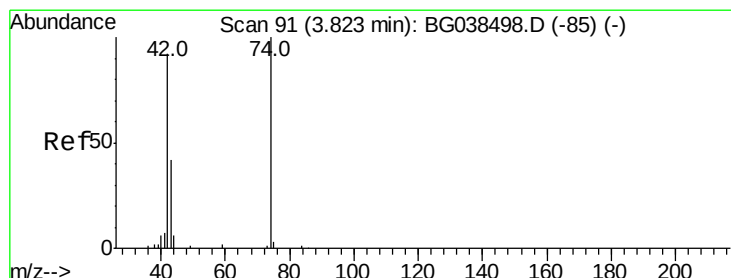
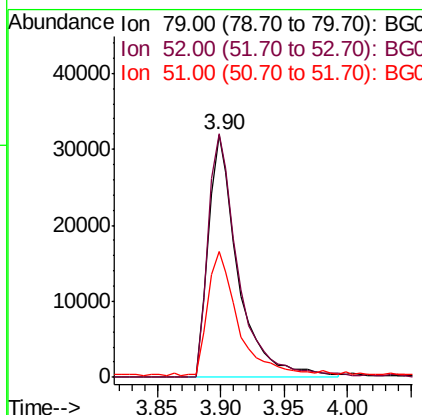
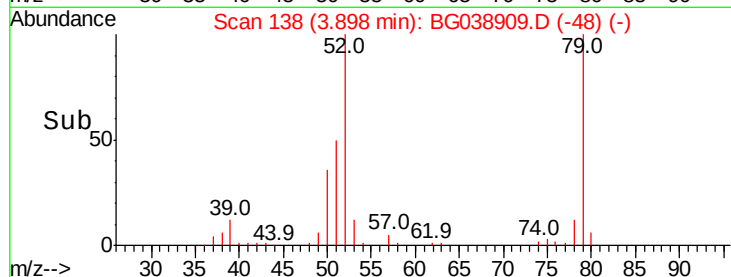
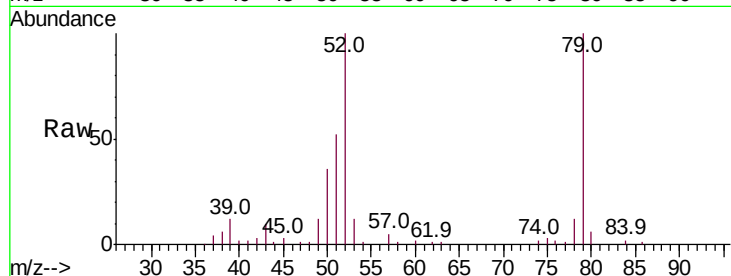
ClientSampleId :

AU-05-010219-AMS

Tot Ion:	79	Resp:	52290
Ion	Ratio	Lower	Upper
79	100		
52	100.4	80.2	120.2
51	52.1	38.0	57.0

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#4

n-Nitrosodimethylamine

Concen: 36.387 ng

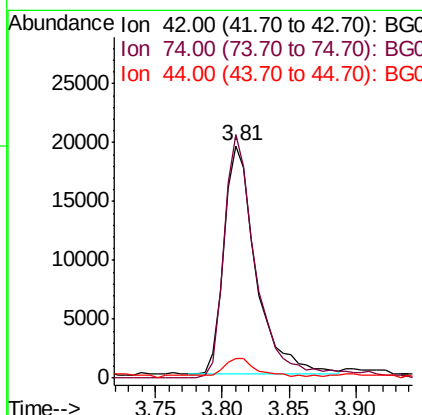
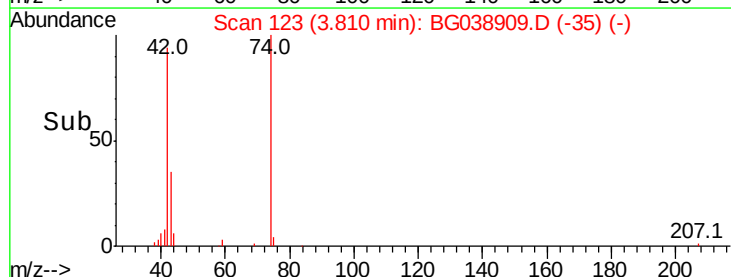
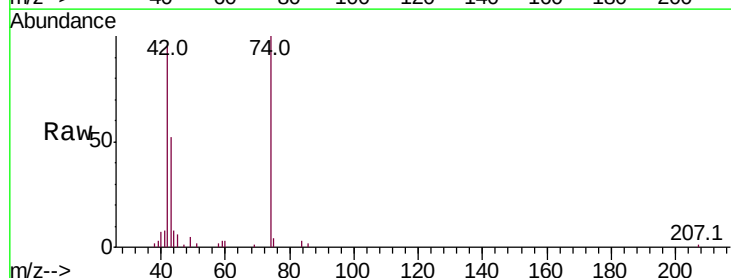
RT: 3.81 min Scan# 123

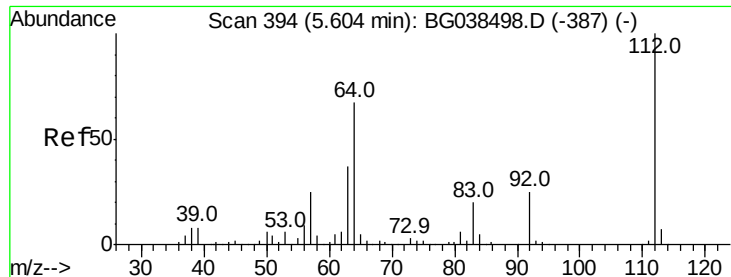
Delta R.T. -0.01 min

Lab File: BG038909.D

Acq: 3 Jan 2019 18:43

Tgt Ion:	42	Resp:	32858
Ion	Ratio	Lower	Upper
42	100		
74	104.8	86.7	130.1
44	8.2	7.8	11.8





#5

2-Fluorophenol

Concen: 128.589 ng

RT: 5.60 min Scan# 428

Delta R.T. -0.00 min

Lab File: BG038909.D

Acq: 3 Jan 2019 18:43

Instrument :

BNA_G

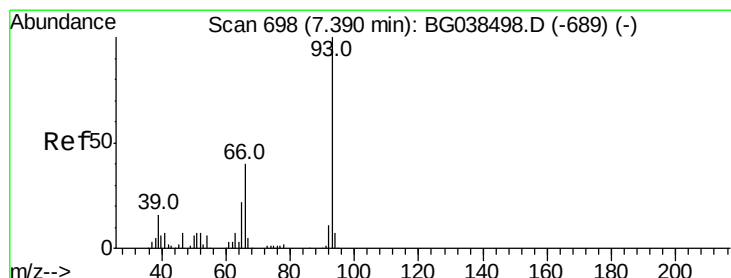
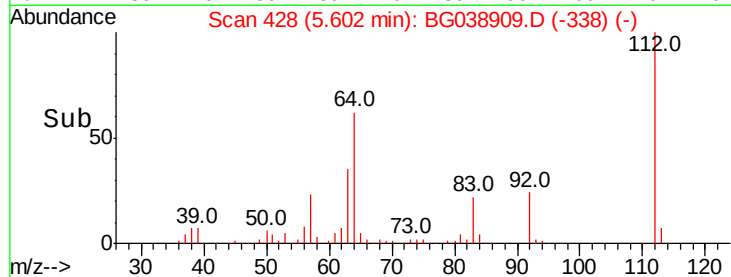
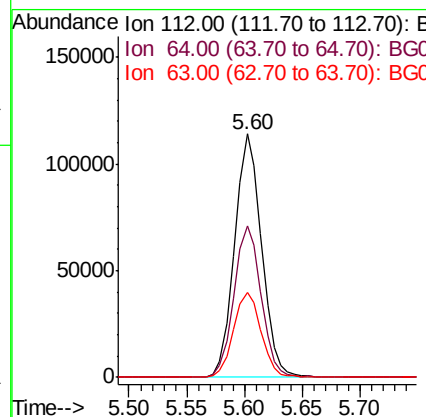
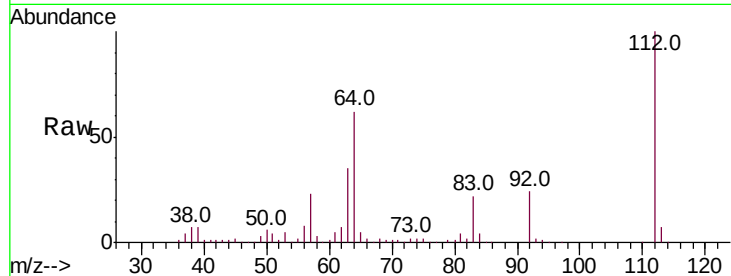
ClientSampleId :

AU-05-010219-AMS

Tot Ion:	112	Resp:	184947
Ion Ratio	Lower	Upper	
112	100		
64	62.4	53.4	80.2
63	34.8	29.3	43.9

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#6

Aniline

Concen: 31.885 ng

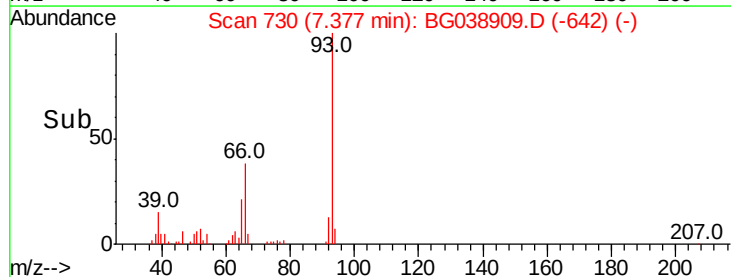
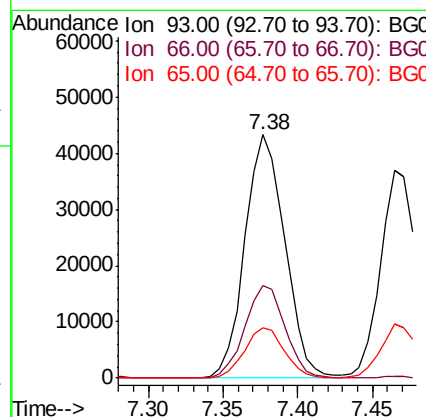
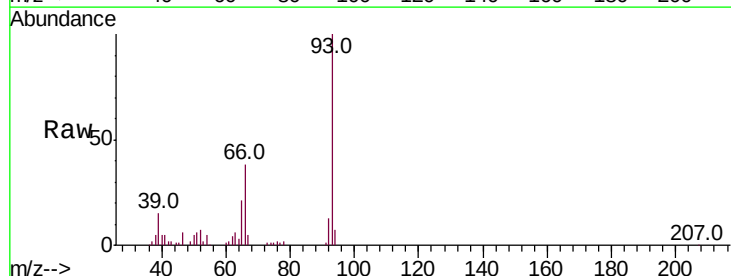
RT: 7.38 min Scan# 730

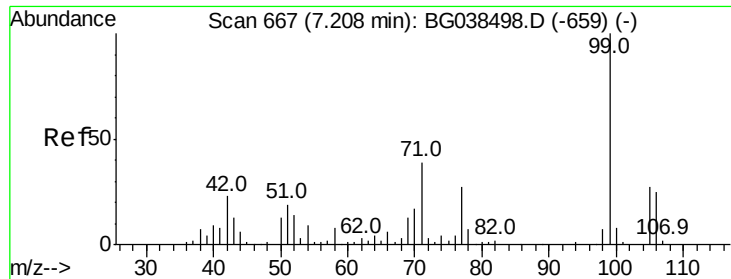
Delta R.T. -0.01 min

Lab File: BG038909.D

Acq: 3 Jan 2019 18:43

Tgt Ion:	93	Resp:	80367
Ion Ratio	Lower	Upper	
93	100		
66	38.2	31.7	47.5
65	20.6	17.8	26.6





#7

Phenol-d6

Concen: 121.731 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038909.D

Acq: 3 Jan 2019 18:43

Instrument :

BNA_G

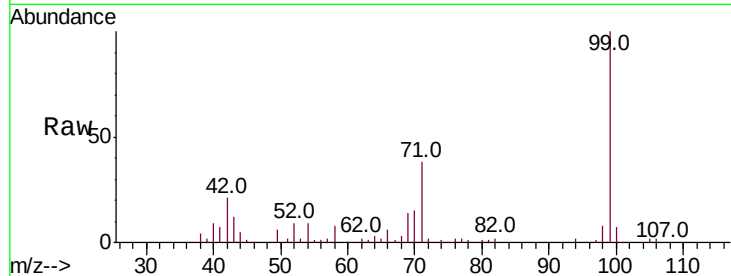
ClientSampleId :

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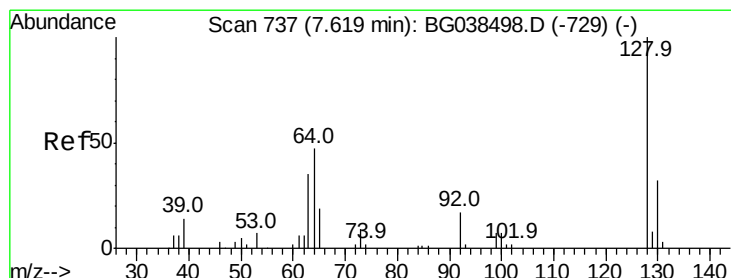
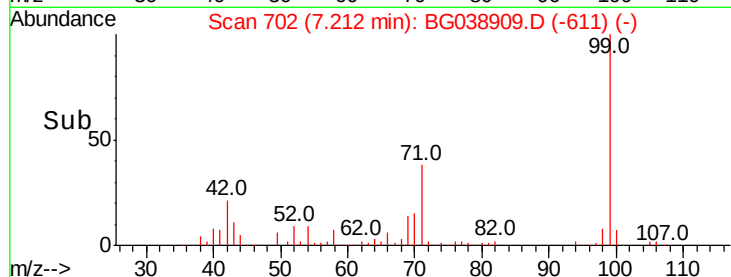
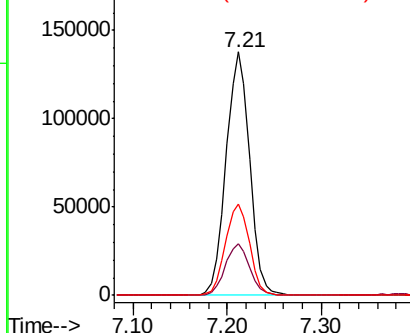
Tot Ion:	99	Resp:	240355
Ion Ratio	Lower	Upper	
99	100		
42	21.1	18.5	27.7
71	37.5	31.1	46.7

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



#8

2-Chlorophenol

Concen: 44.610 ng

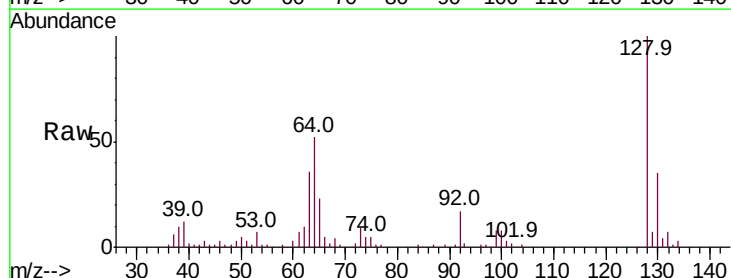
RT: 7.61 min Scan# 770

Delta R.T. -0.01 min

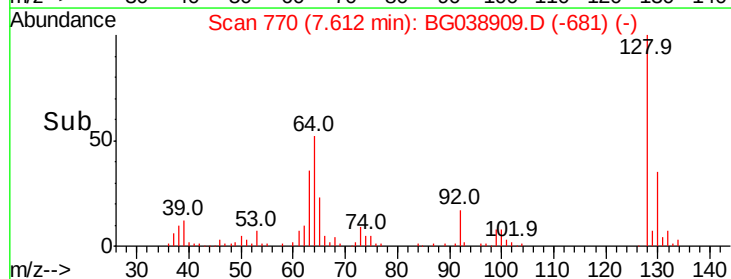
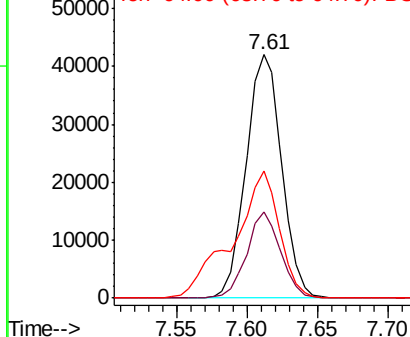
Lab File: BG038909.D

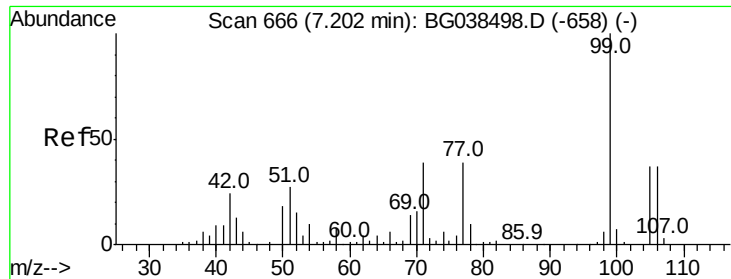
Acq: 3 Jan 2019 18:43

Tgt Ion:	128	Resp:	74249
Ion Ratio	Lower	Upper	
128	100		
130	35.2	11.8	51.8
64	52.1	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: 21.049 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG038909.D

Acq: 3 Jan 2019 18:43

Instrument :

BNA_G

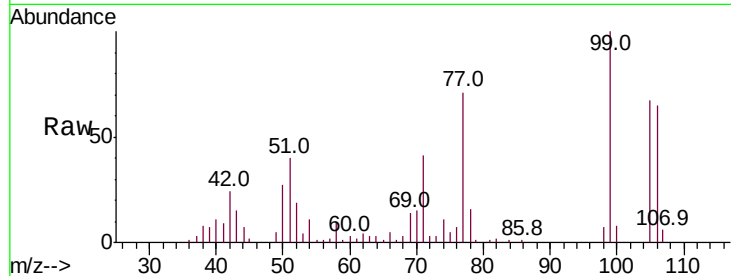
ClientSampleId :

AU-05-010219-AMS

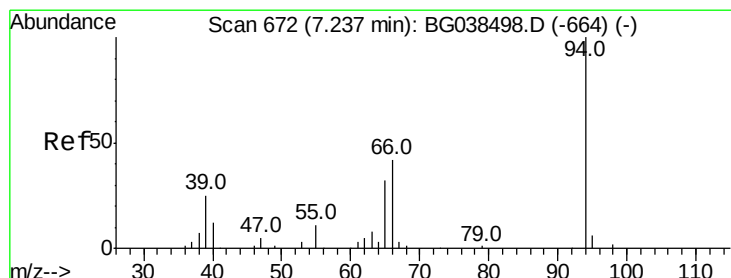
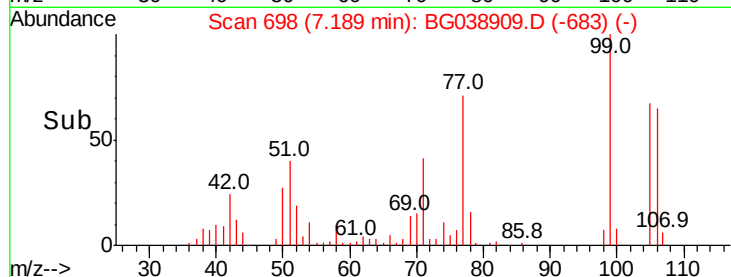
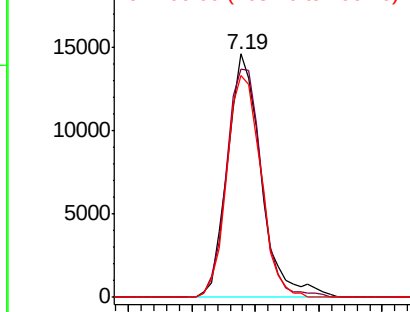
Tot Ion:	77	Resp:	26961
Ion	Ratio	Lower	Upper
77	100		
105	94.0	74.0	114.0
106	91.0	73.9	113.9

Manual Integrations
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 39.195 ng

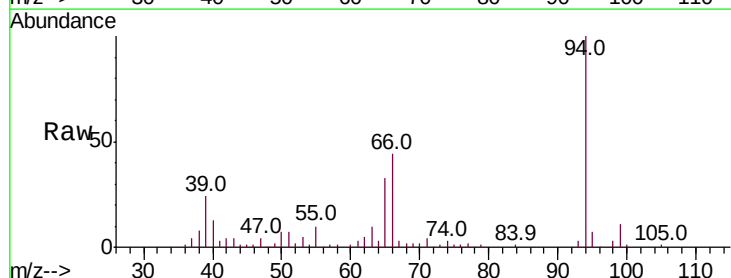
RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

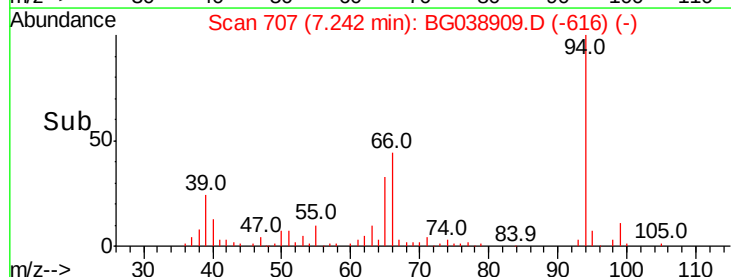
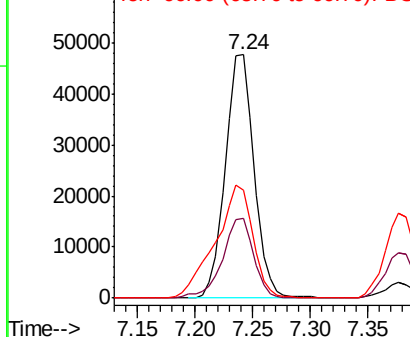
Lab File: BG038909.D

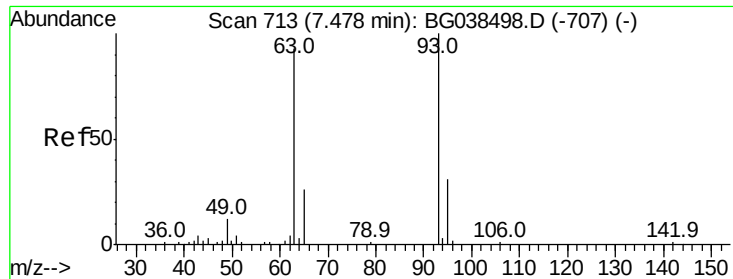
Acq: 3 Jan 2019 18:43

Tgt Ion:	94	Resp:	82219
Ion	Ratio	Lower	Upper
94	100		
65	32.9	12.6	52.6
66	44.4	24.1	64.1



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





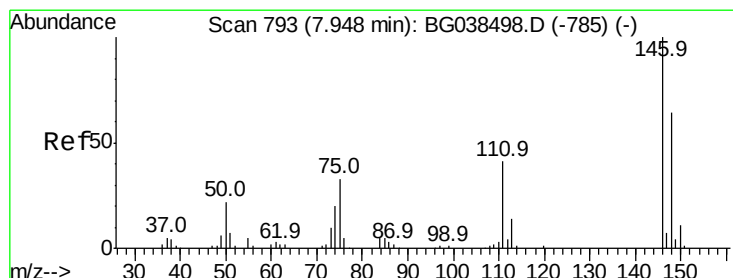
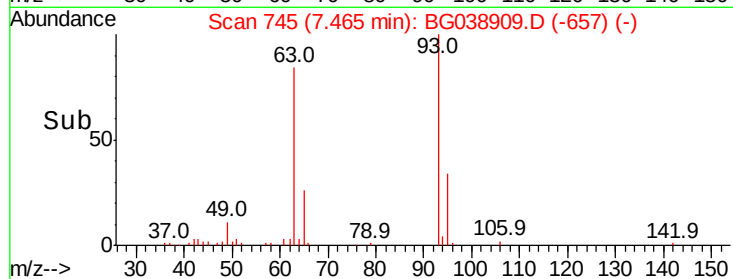
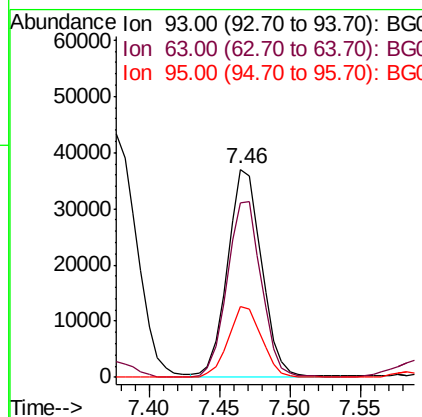
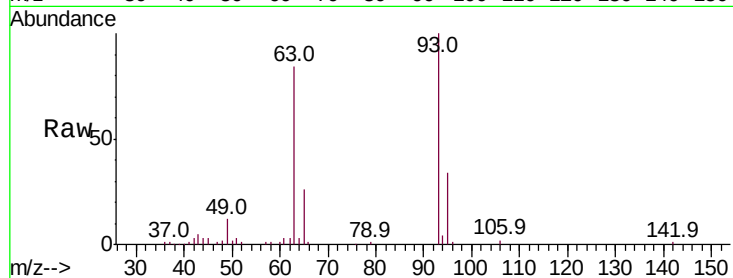
#11
bis(2-Chloroethyl)ether
Concen: 37.574 ng
RT: 7.46 min Scan# 745
Delta R.T. -0.01 min
Lab File: BG038909.D
Acq: 3 Jan 2019 18:43

Instrument :
BNA_G
ClientSampleId :
AU-05-010219-AMS

Tot Ion	Ratio	Lower	Upper
93	100		
63	84.1	72.2	112.2
95	34.2	11.2	51.2

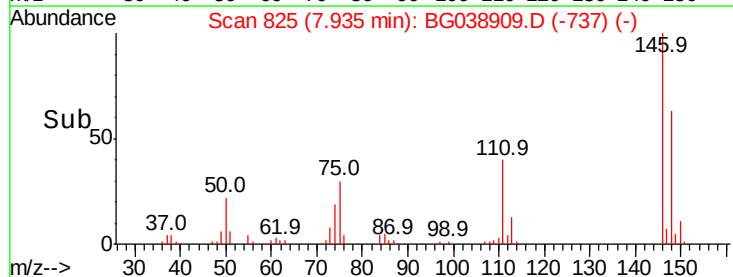
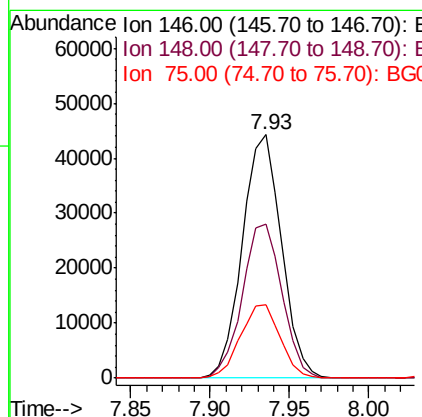
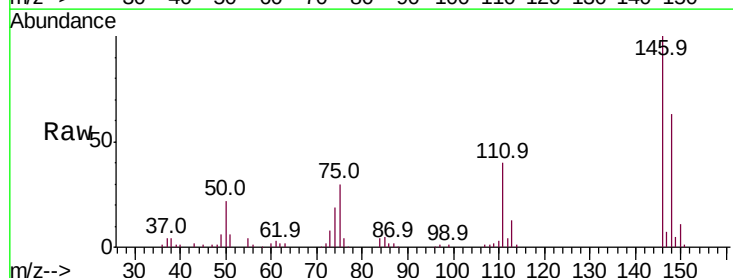
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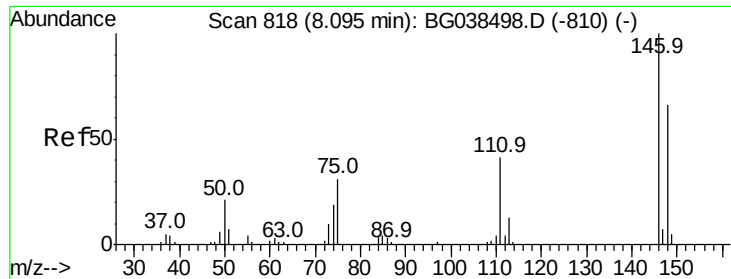
Sohil
1/4/2019 11:21:14 AM



#12
1,3-Dichlorobenzene
Concen: 38.508 ng
RT: 7.93 min Scan# 825
Delta R.T. -0.01 min
Lab File: BG038909.D
Acq: 3 Jan 2019 18:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.4	77.0
75	29.9	26.1	39.1





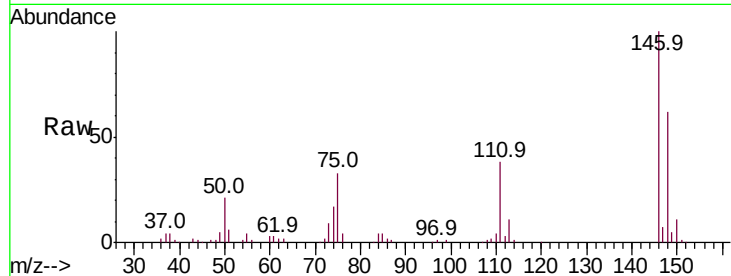
#13
 1,4-Dichlorobenzene
 Concen: 39.008 ng
 RT: 8.08 min Scan# 850
 Delta R.T. -0.01 min
 Lab File: BG038909.D
 Acq: 3 Jan 2019 18:43

Instrument :
 BNA_G
 ClientSampleId :
 AU-05-010219-AMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.0	52.4	78.6
111	37.5	33.0	49.4

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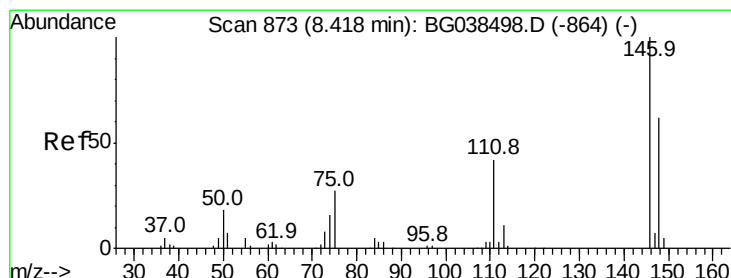
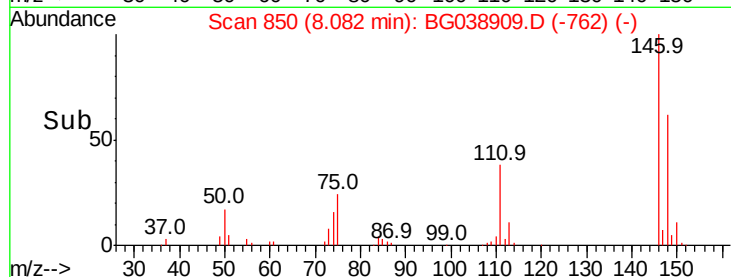
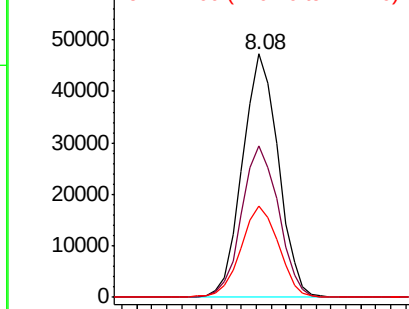


Abundance

Ion 146.00 (145.70 to 146.70): E

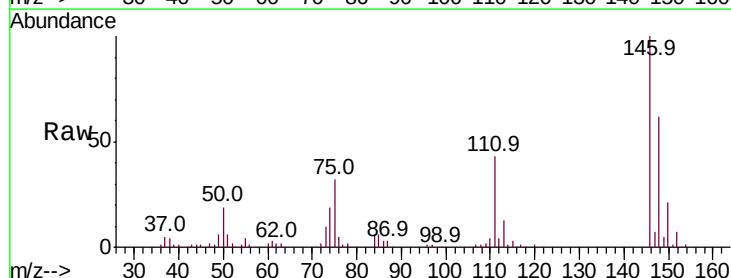
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 40.582 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.02 min
 Lab File: BG038909.D
 Acq: 3 Jan 2019 18:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.6	49.4	74.0
111	43.0	33.8	50.6

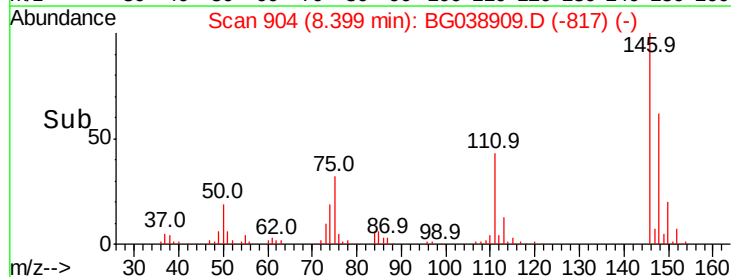
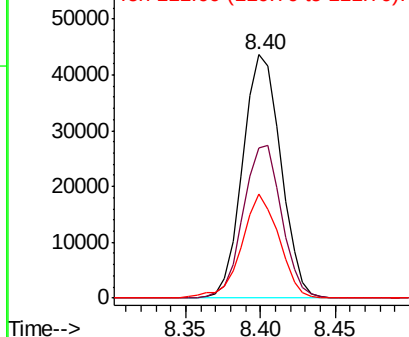


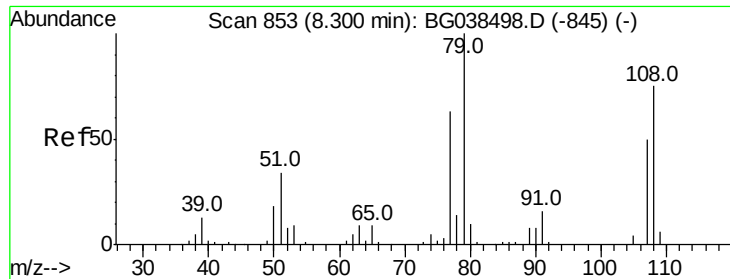
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





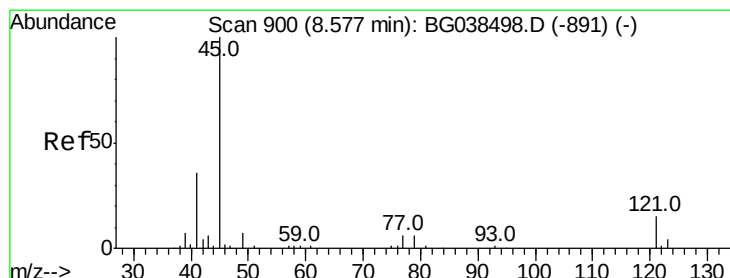
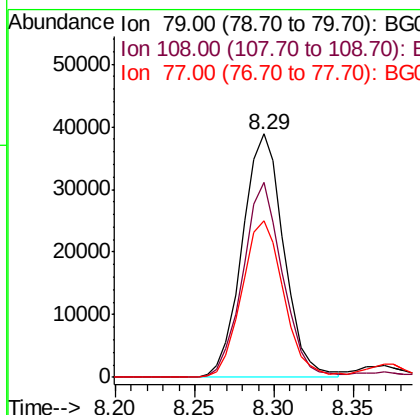
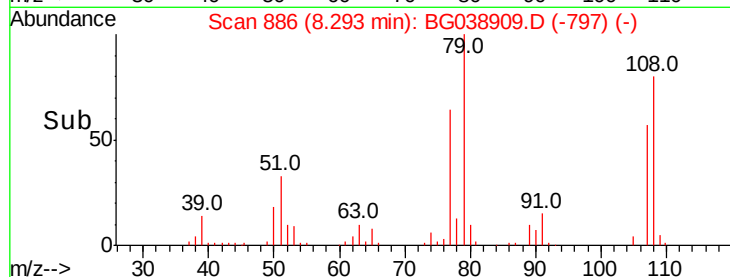
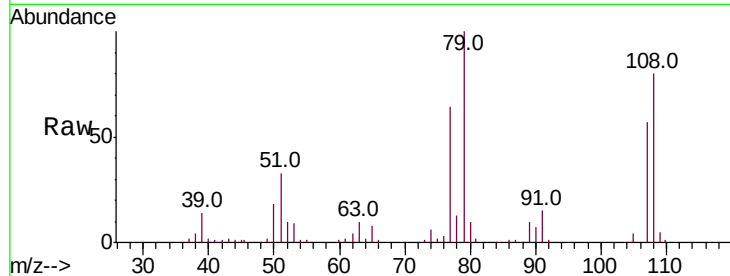
#15
Benzyl Alcohol
Concen: 45.792 ng
RT: 8.29 min Scan# 886
Delta R.T. -0.01 min
Lab File: BG038909.D
Acq: 3 Jan 2019 18:43

Instrument :
BNA_G
ClientSampleId :
AU-05-010219-AMS

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.1	60.2	90.4
77	64.3	50.7	76.1

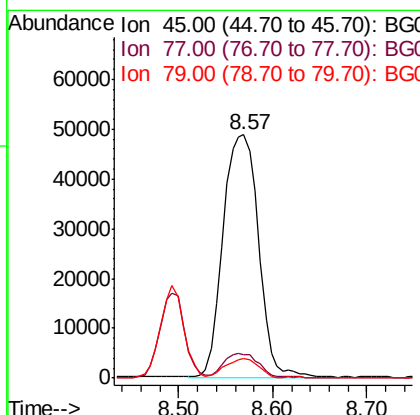
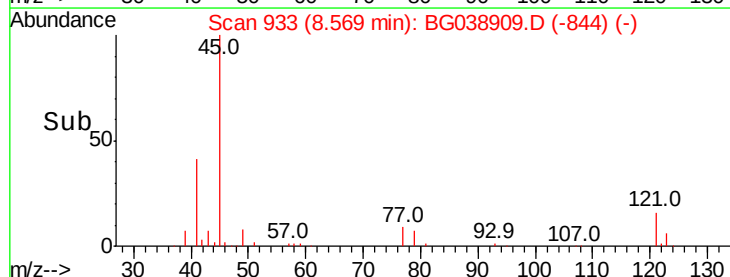
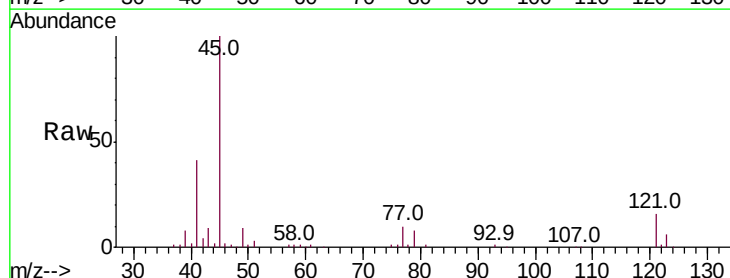
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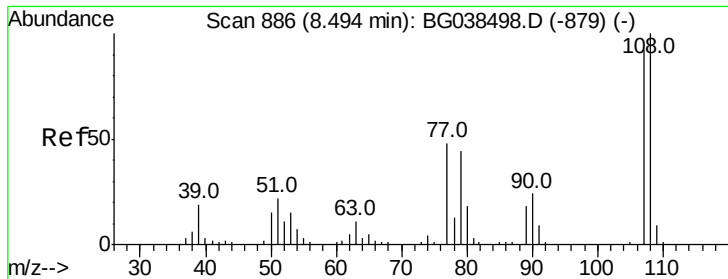
Sohil
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#16
2,2'-oxybis(1-chloropropane)
Concen: 33.299 ng
RT: 8.57 min Scan# 933
Delta R.T. -0.01 min
Lab File: BG038909.D
Acq: 3 Jan 2019 18:43

Tgt Ion	Ratio	Lower	Upper
45	100		
77	9.5	0.0	28.2
79	8.0	0.0	27.2





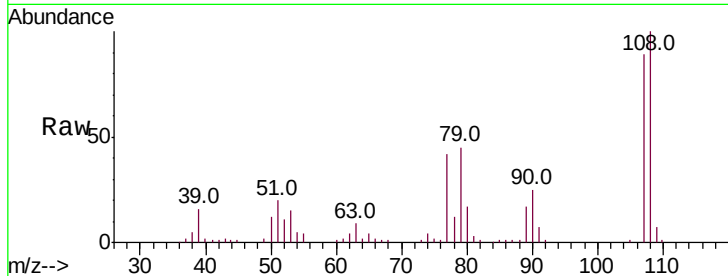
#17
2-Methylphenol
Concen: 45.586 ng
RT: 8.49 min Scan# 920
Delta R.T. -0.00 min
Lab File: BG038909.D
Acq: 3 Jan 2019 18:43

Instrument :
BNA_G
ClientSampleId :
AU-05-010219-AMS

Tot Ion:	107	Resp:	64068
Ion	Ratio	Lower	Upper
107	100		
108	112.9	87.1	130.7
77	46.8	42.0	63.0
79	51.2	38.2	57.2

Manual Integrations
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Sohil
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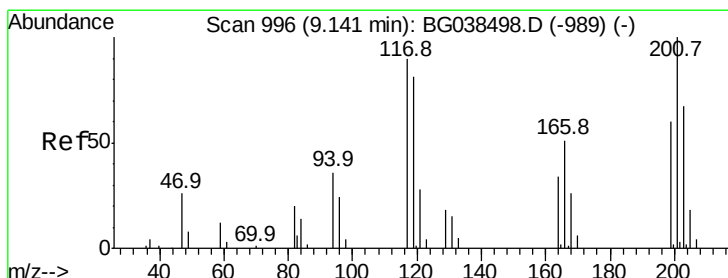
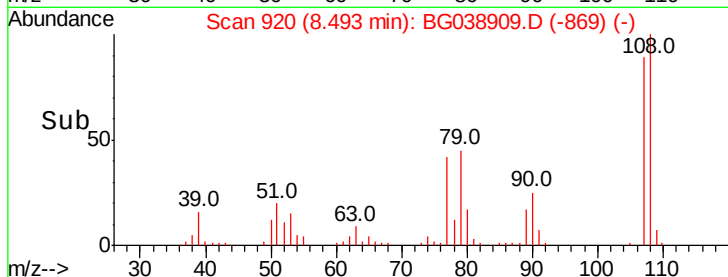
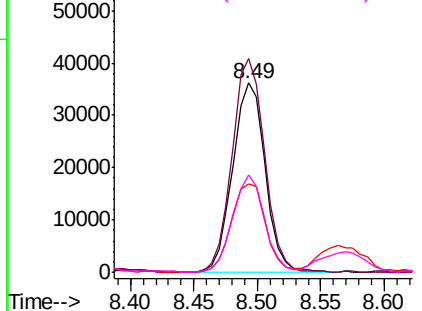
Abundance

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: 36.606 ng
RT: 9.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG038909.D
Acq: 3 Jan 2019 18:43

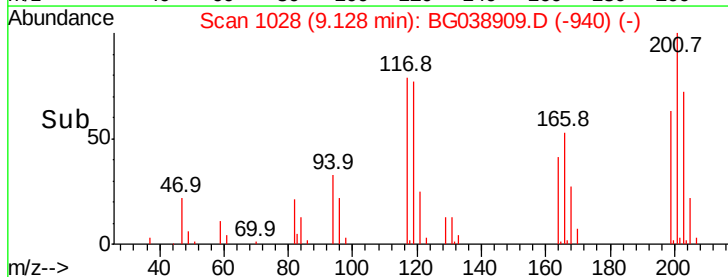
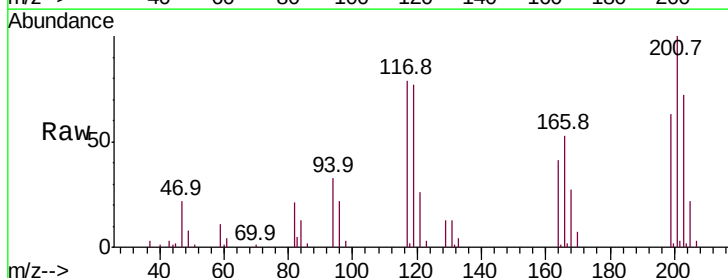
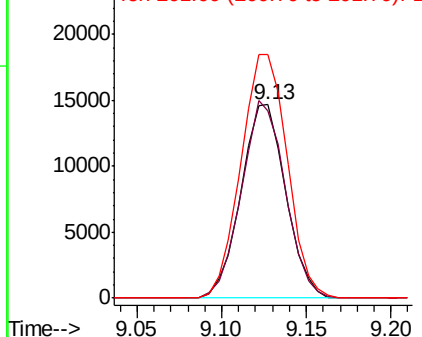
Tgt Ion:	117	Resp:	26960
Ion	Ratio	Lower	Upper
117	100		
119	94.7	73.8	110.8
201	126.9	89.4	134.0

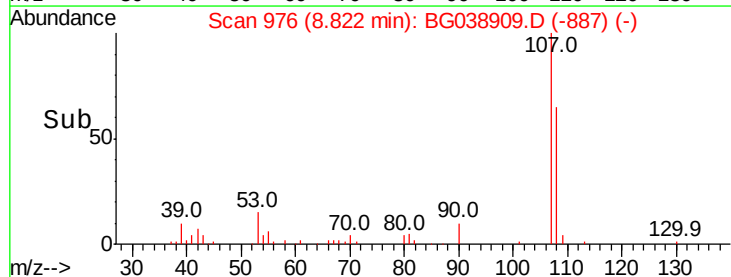
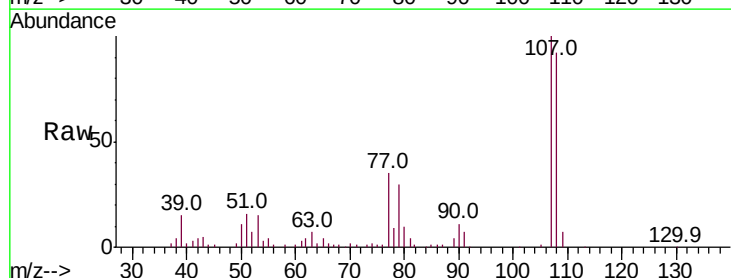
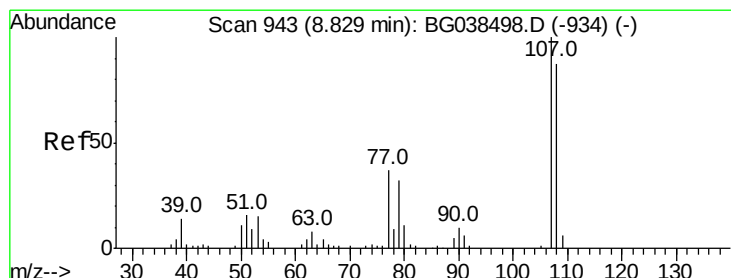
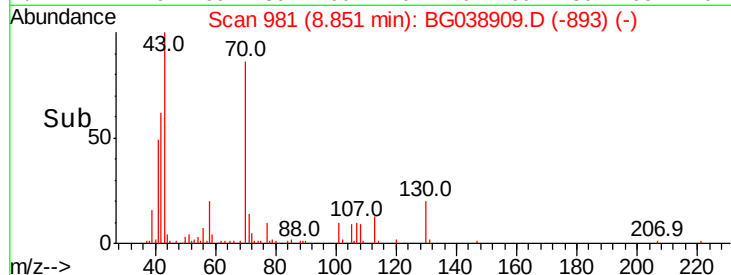
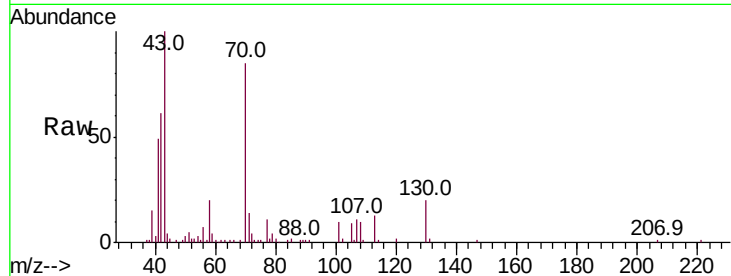
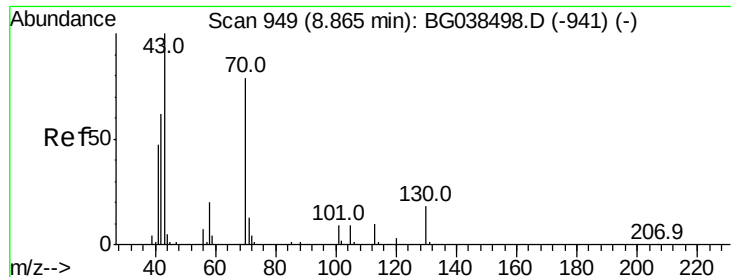
Abundance

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





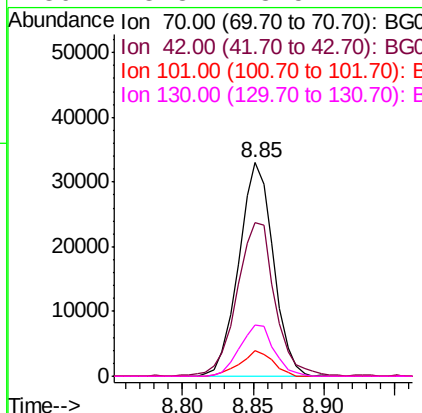
#19
n-Nitroso-di-n-propylamine
Concen: 40.591 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.01 min
Lab File: BG038909.D
Acq: 3 Jan 2019 18:43

Instrument :
BNA_G
ClientSampleId :
AU-05-010219-AMS

Tot Ion	Ratio	Lower	Upper
70	100		
42	71.8	63.6	95.4
101	12.0	9.2	13.8
130	23.8	18.5	27.7

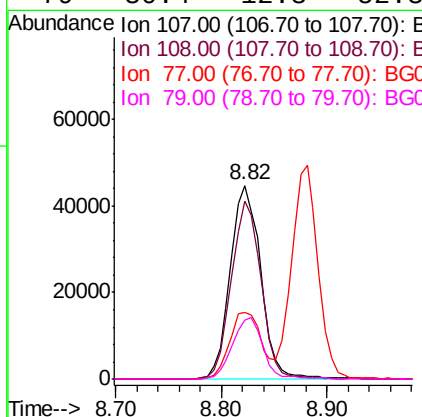
Manual Integrations
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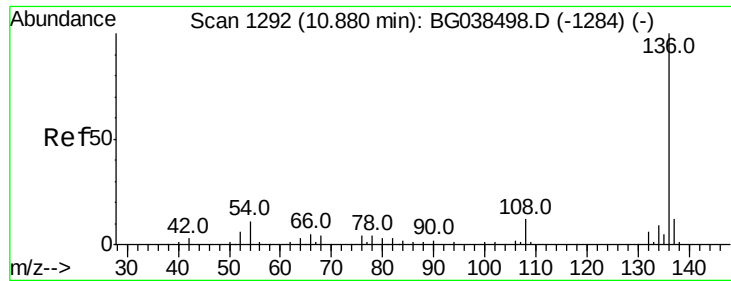
Sohil
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#20
3+4-Methylphenols
Concen: 45.901 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG038909.D
Acq: 3 Jan 2019 18:43

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.0	66.7	106.7
77	34.6	17.3	57.3
79	30.4	12.3	52.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BG038909.D

Acq: 3 Jan 2019 18:43

Instrument :

BNA_G

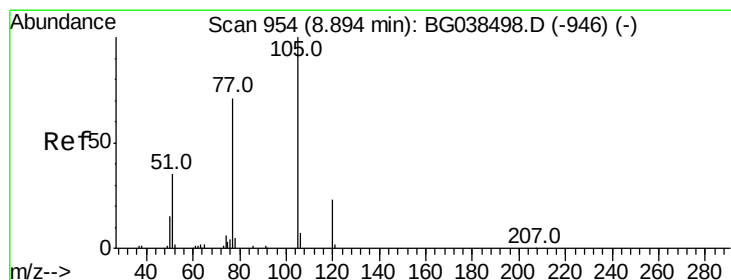
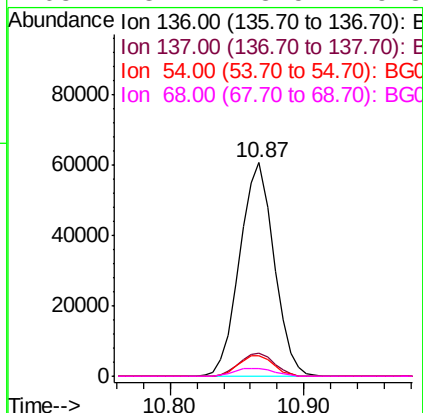
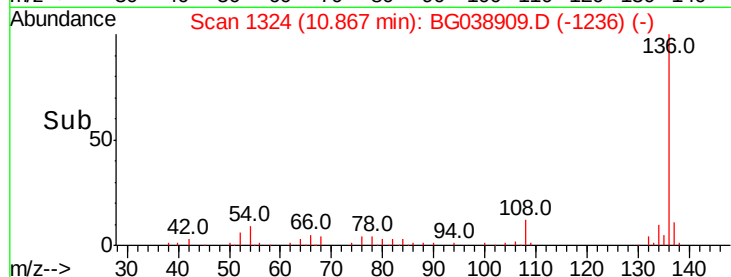
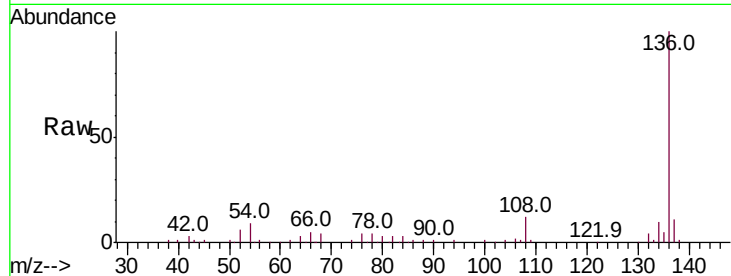
ClientSampleId :

AU-05-010219-AMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	108191		
137	10.8		9.3	13.9
54	9.4		8.5	12.7
68	3.7		3.5	5.3

Manual Integrations
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#22

Acetophenone

Concen: 41.838 ng

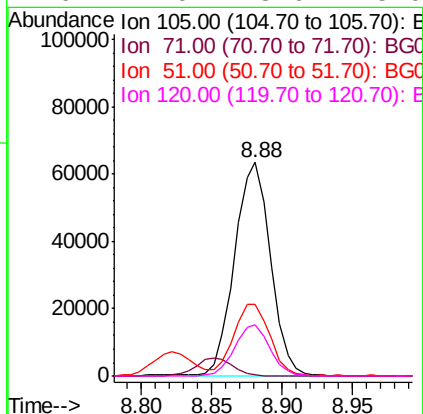
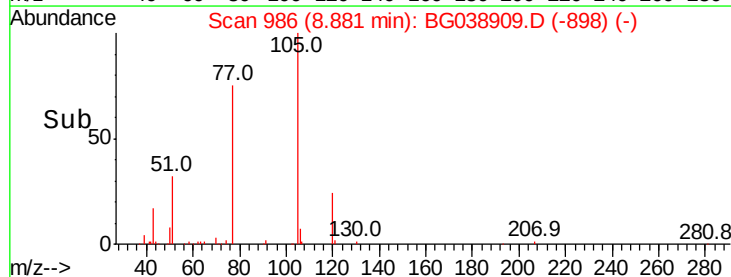
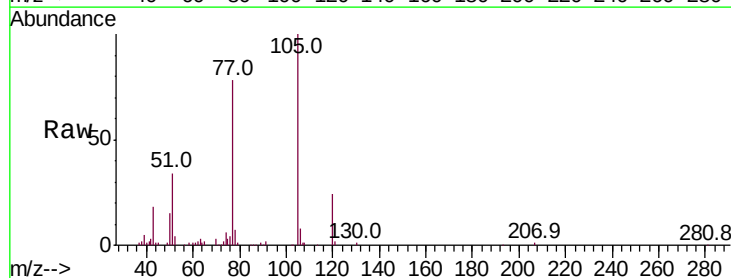
RT: 8.88 min Scan# 986

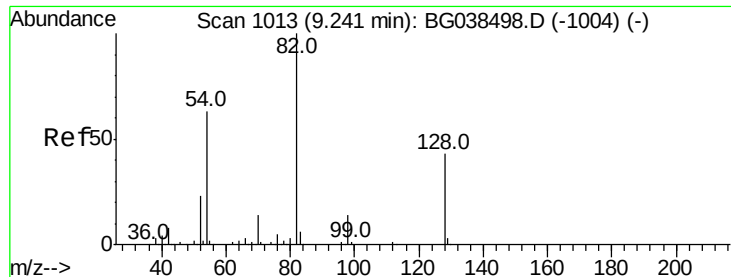
Delta R.T. -0.01 min

Lab File: BG038909.D

Acq: 3 Jan 2019 18:43

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	113062		
71	0.4		0.4	0.6
51	33.6		30.6	46.0
120	24.0		18.6	28.0





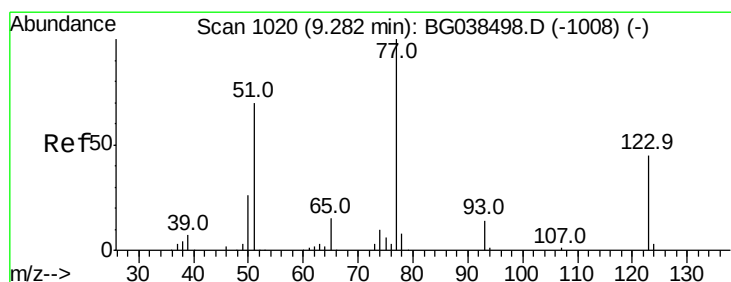
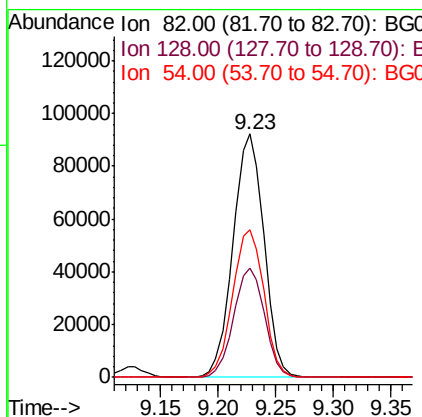
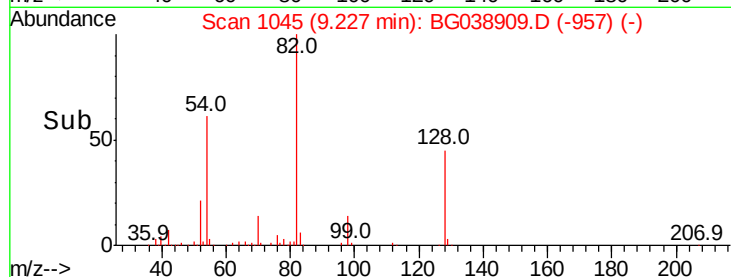
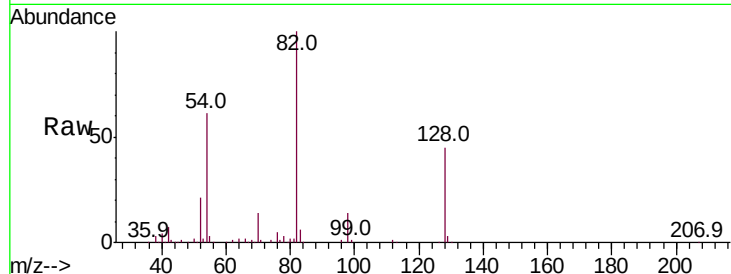
#23
Nitrobenzene-d5
Concen: 80.806 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG038909.D
Acq: 3 Jan 2019 18:43

Instrument :
BNA_G
ClientSampleId :
AU-05-010219-AMS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.0	34.6	52.0
54	60.7	50.6	76.0

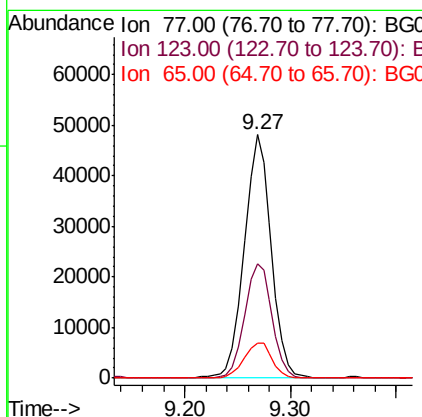
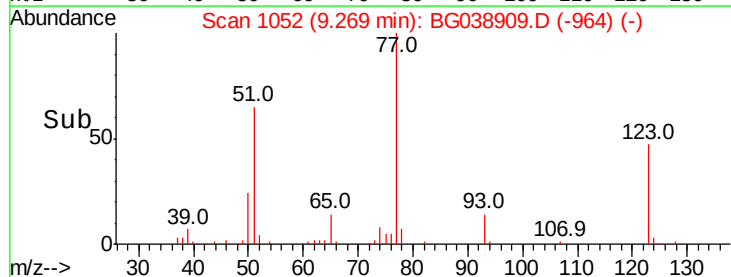
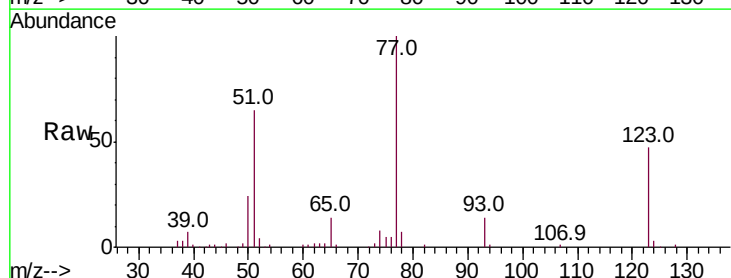
Manual Integrations
APPROVED

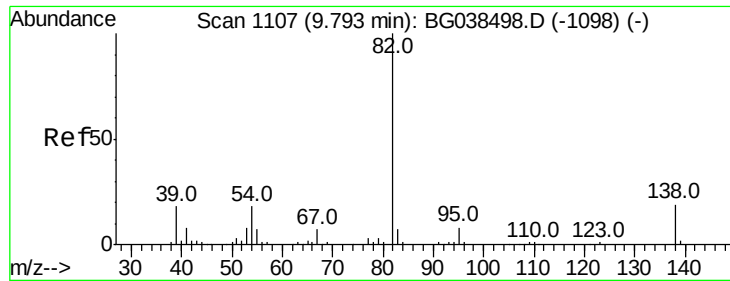
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#24
Nitrobenzene
Concen: 39.588 ng
RT: 9.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BG038909.D
Acq: 3 Jan 2019 18:43

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.0	35.9	53.9
65	14.1	12.0	18.0





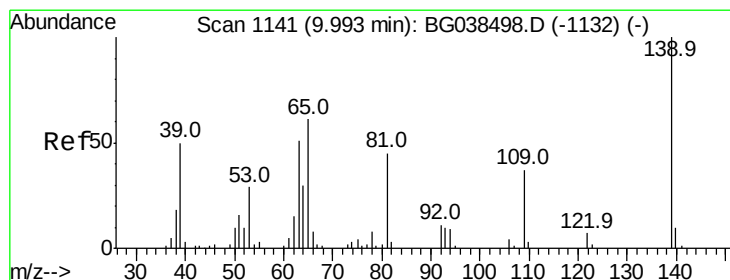
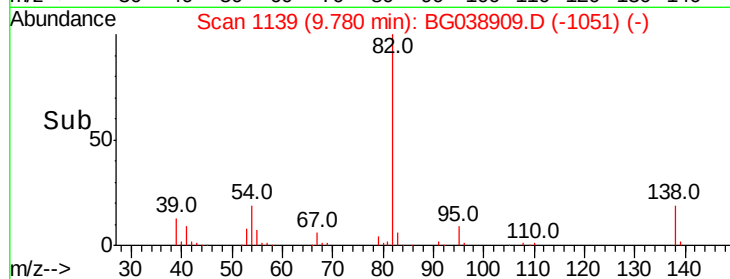
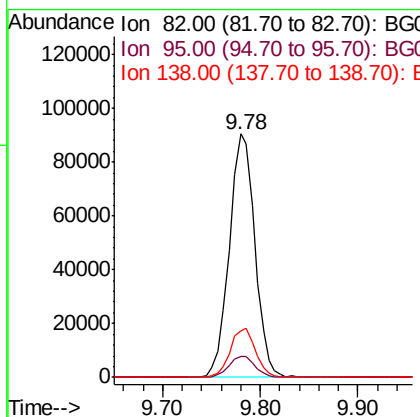
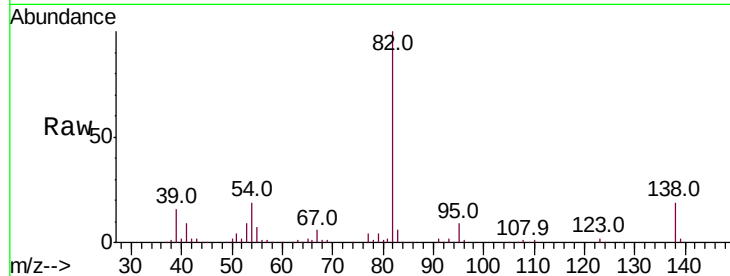
#25
Isophorone
Concen: 43.162 ng
RT: 9.78 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BG038909.D
Acq: 3 Jan 2019 18:43

Instrument :
BNA_G
ClientSampleId :
AU-05-010219-AMS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	8.6	6.1	9.1	
138	19.2	14.9	22.3	

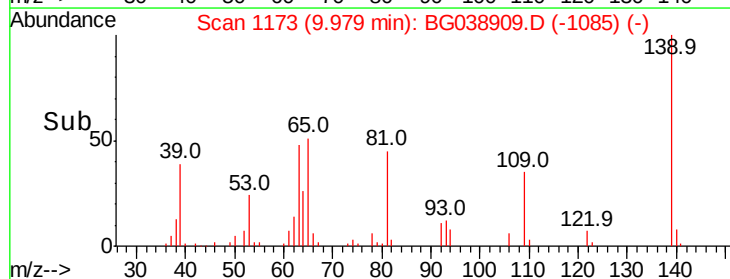
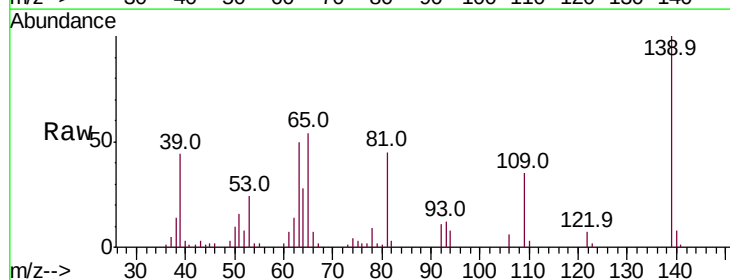
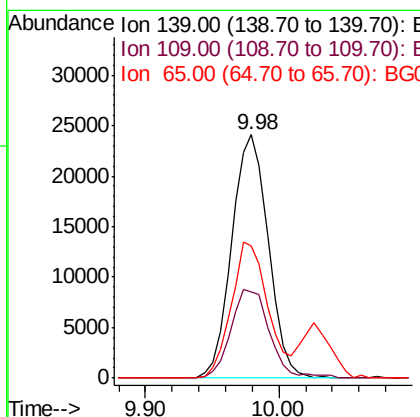
Manual Integrations
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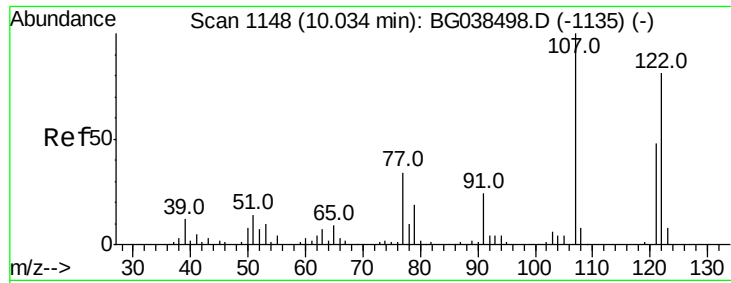
Sohil
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#26
2-Nitrophenol
Concen: 41.559 ng
RT: 9.98 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BG038909.D
Acq: 3 Jan 2019 18:43

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	35.2	29.5	44.3	
65	54.3	48.5	72.7	





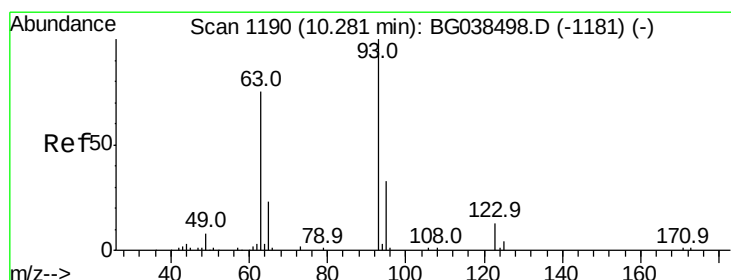
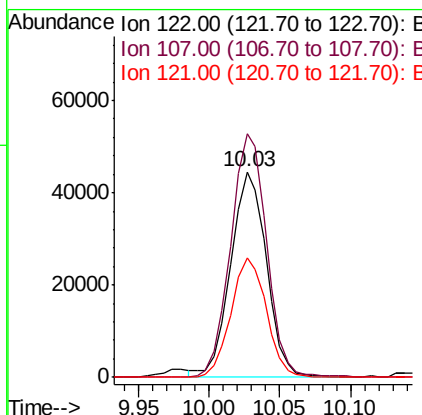
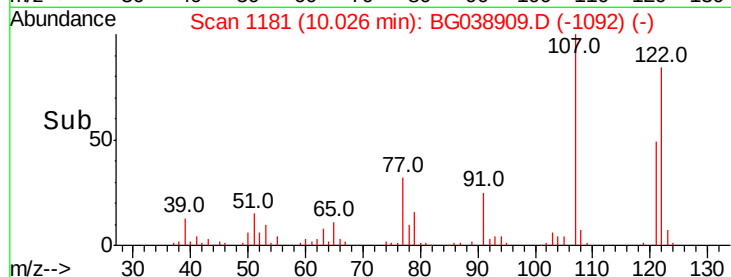
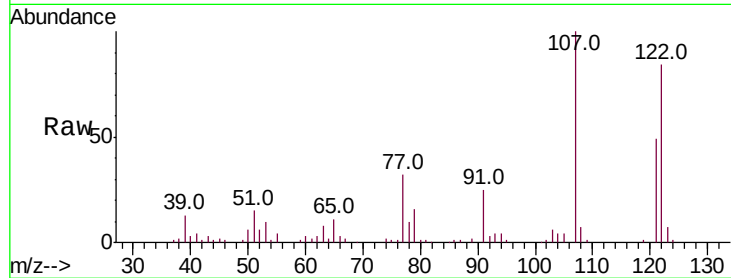
#27
 2,4-Dimethylphenol
 Concen: 50.062 ng
 RT: 10.03 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BG038909.D
 Acq: 3 Jan 2019 18:43

Instrument :
 BNA_G
 ClientSampleId :
 AU-05-010219-AMS

Tot Ion	Ratio	Lower	Upper
122	100		
107	118.6	98.4	147.6
121	57.9	47.2	70.8

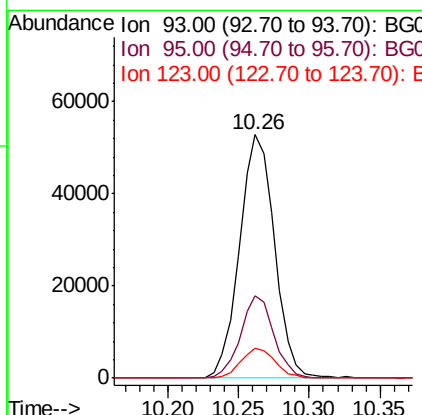
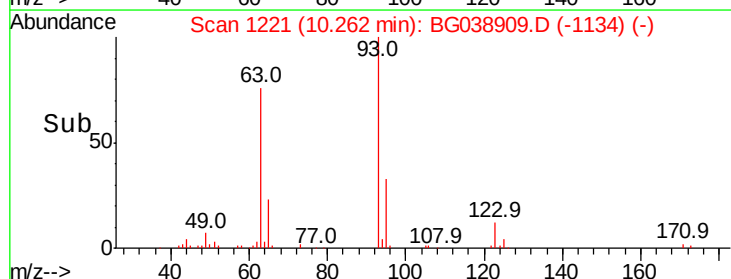
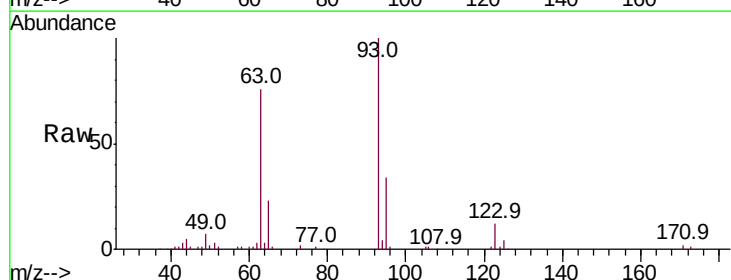
Manual Integrations
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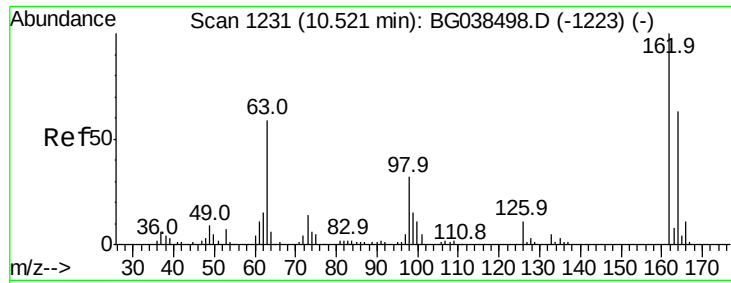
Sohil
 1/4/2019 11:21:14 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.665 ng
 RT: 10.26 min Scan# 1221
 Delta R.T. -0.02 min
 Lab File: BG038909.D
 Acq: 3 Jan 2019 18:43

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.8	26.6	40.0
123	12.2	10.6	16.0





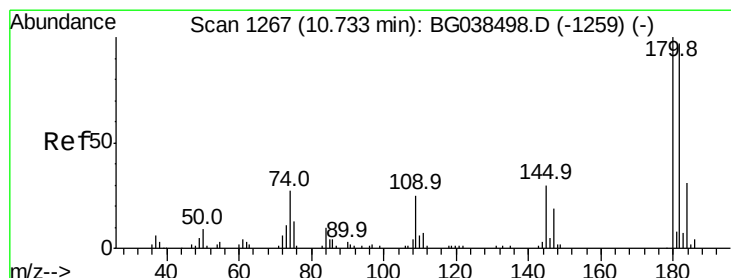
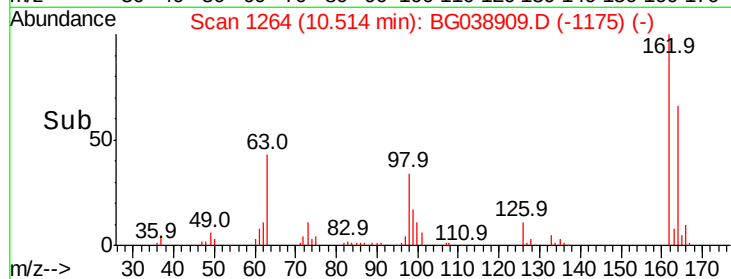
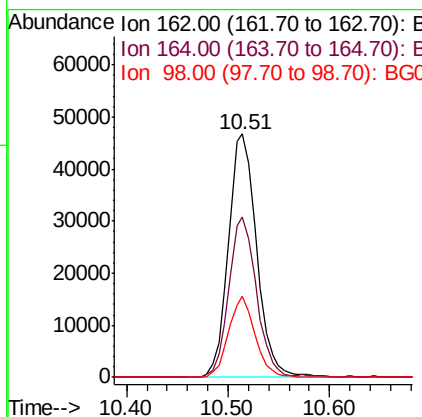
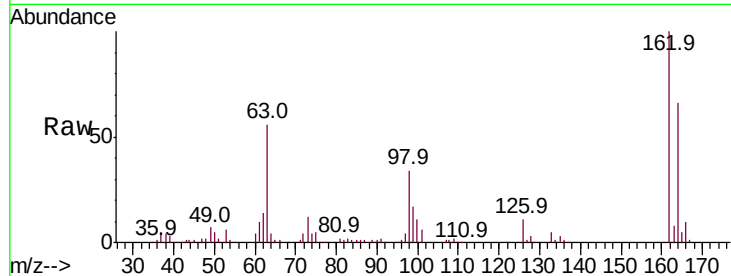
#29
 2,4-Dichlorophenol
 Concen: 51.514 ng
 RT: 10.51 min Scan# 1264
 Delta R.T. -0.01 min
 Lab File: BG038909.D
 Acq: 3 Jan 2019 18:43

Instrument :
 BNA_G
 ClientSampleId :
 AU-05-010219-AMS

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.1	42.9	82.9
98	33.5	12.1	52.1

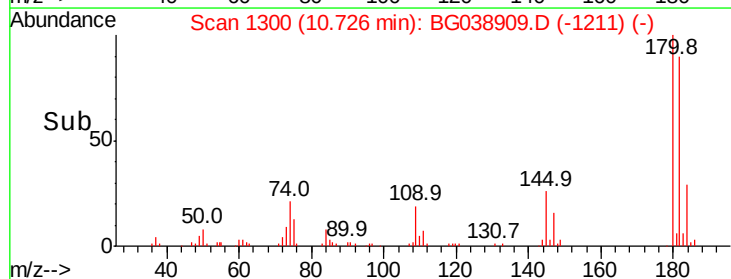
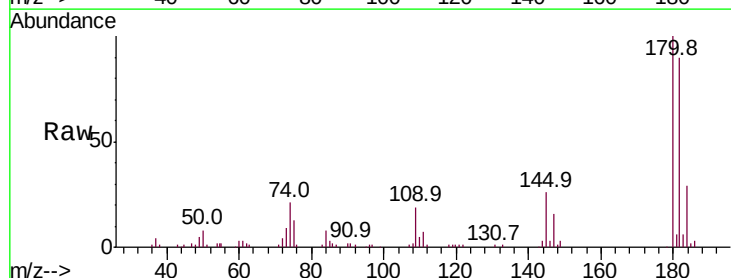
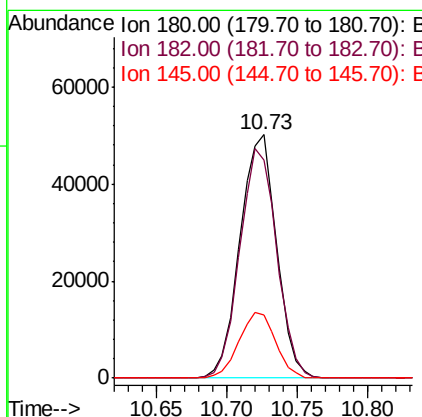
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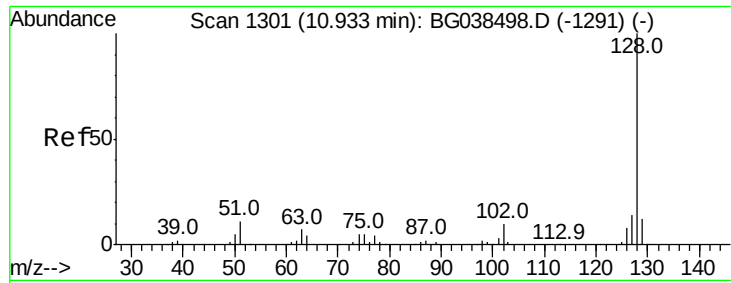
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#30
 1,2,4-Trichlorobenzene
 Concen: 43.075 ng
 RT: 10.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BG038909.D
 Acq: 3 Jan 2019 18:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	89.7	77.4	116.0
145	26.2	24.1	36.1





#31

Naphthalene

Concen: 44.589 ng

RT: 10.91 min Scan# 1332

Delta R.T. -0.02 min

Lab File: BG038909.D

Acq: 3 Jan 2019 18:43

Instrument :

BNA_G

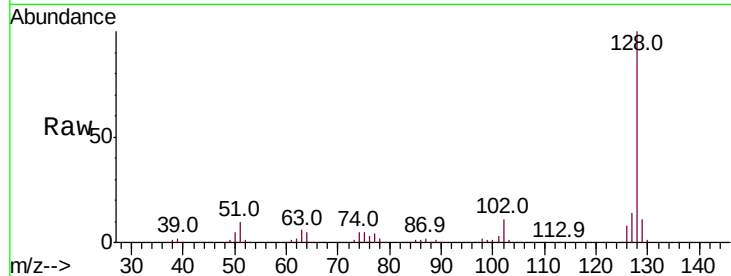
ClientSampleId :

AU-05-010219-AMS

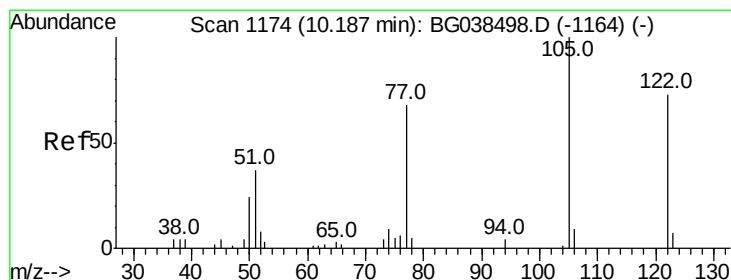
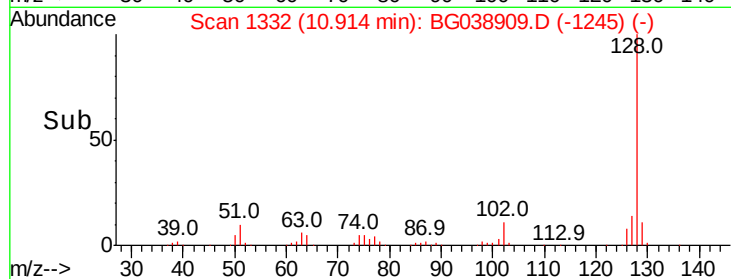
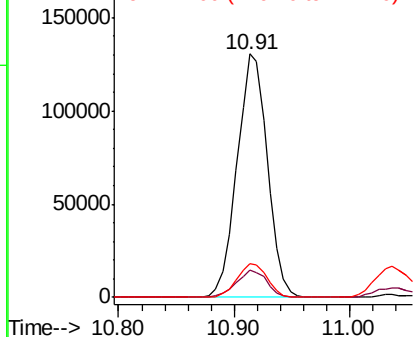
Tot Ion:	128	Resp:	237691
Ion Ratio	Lower	Upper	
128	100		
129	11.3	9.5	14.3
127	13.8	10.9	16.3

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



#32

Benzoic acid

Concen: 14.913 ng m

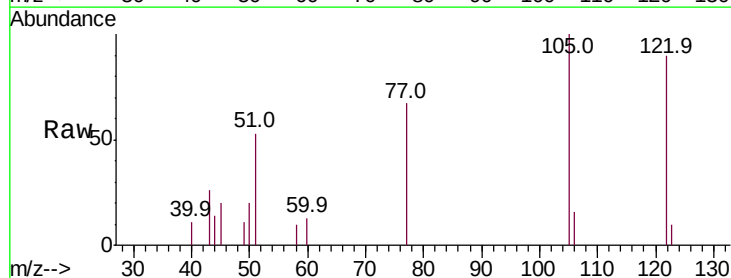
RT: 10.15 min Scan# 1202

Delta R.T. -0.04 min

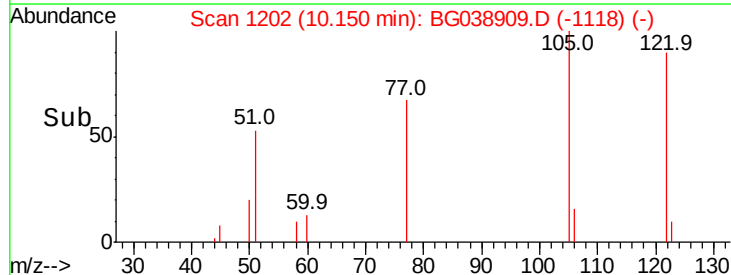
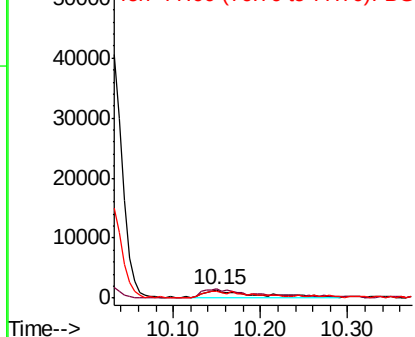
Lab File: BG038909.D

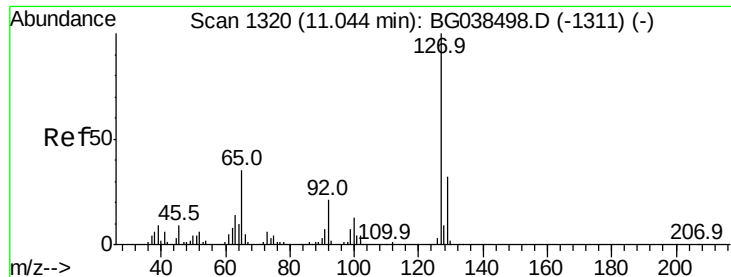
Acq: 3 Jan 2019 18:43

Tgt Ion:	122	Resp:	6013
Ion Ratio	Lower	Upper	
122	100		
105	110.5	116.7	156.7#
77	74.2	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





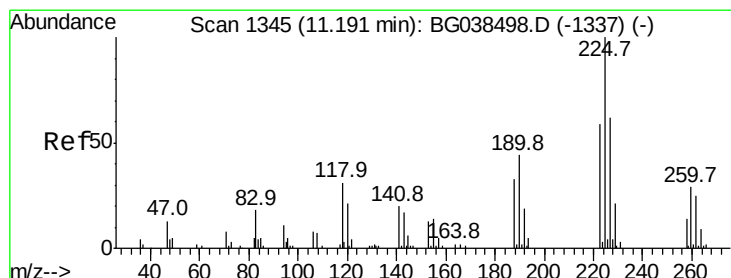
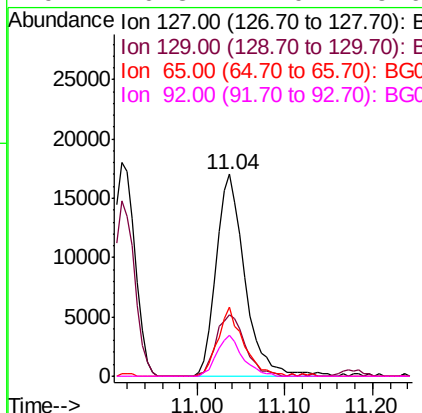
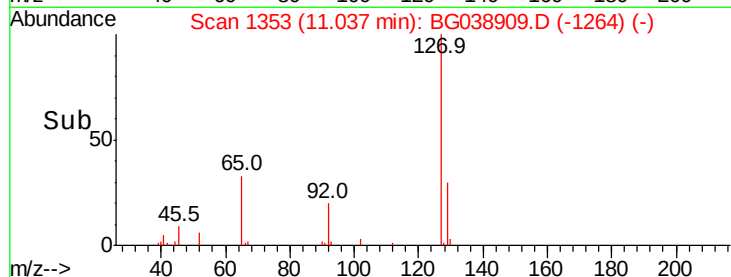
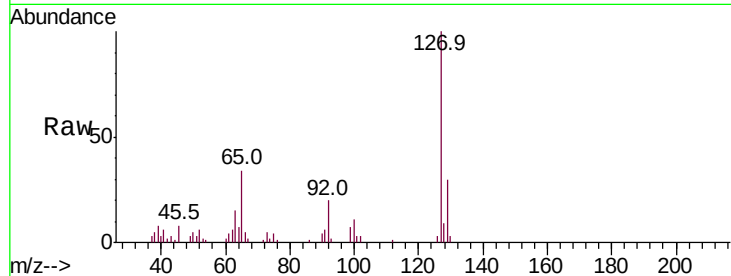
#33
4-Chloroaniline
Concen: 16.717 ng
RT: 11.04 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG038909.D
Acq: 3 Jan 2019 18:43

Instrument :
BNA_G
ClientSampleId :
AU-05-010219-AMS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	30.4	25.8	38.8	
65	34.4	27.8	41.6	
92	20.3	17.0	25.6	

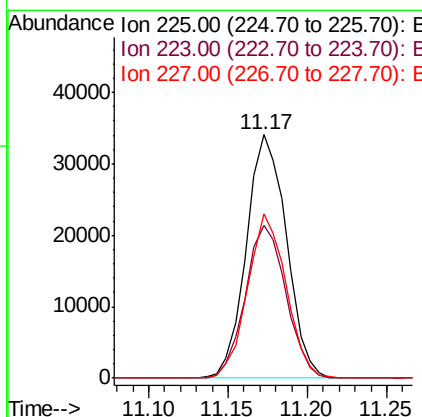
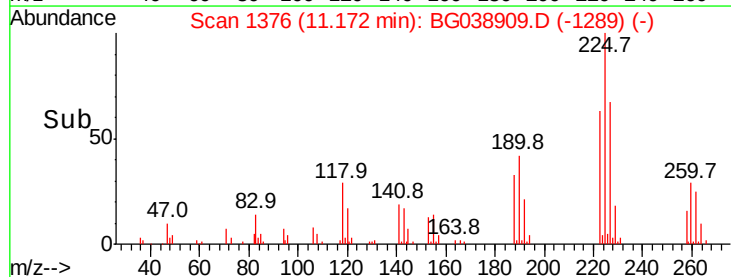
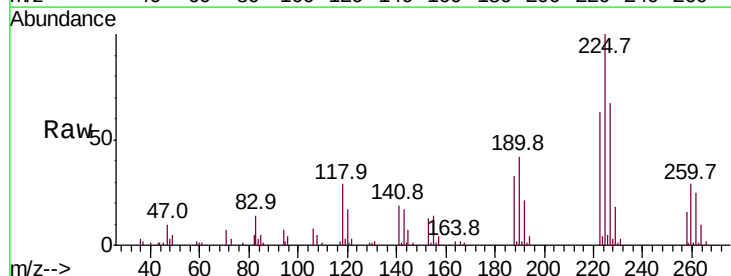
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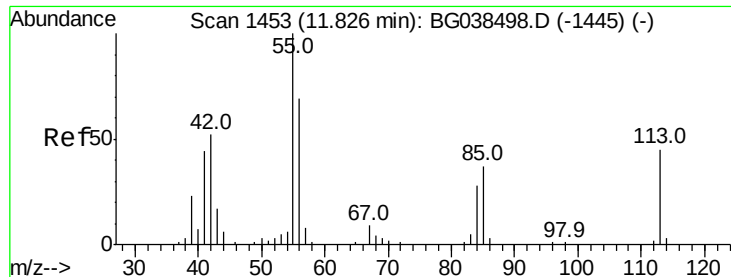
Sohil
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#34
Hexachlorobutadiene
Concen: 41.868 ng
RT: 11.17 min Scan# 1376
Delta R.T. -0.02 min
Lab File: BG038909.D
Acq: 3 Jan 2019 18:43

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.9	45.0	67.6	
227	70.4	50.6	75.8	





#35

Caprolactam

Concen: 31.932 ng

RT: 11.82 min Scan# 1487

Delta R.T. -0.00 min

Lab File: BG038909.D

Acq: 3 Jan 2019 18:43

Instrument :

BNA_G

ClientSampleId :

AU-05-010219-AMS

Tot Ion:113 Resp: 23103

Ion Ratio Lower Upper

113 100

55 193.3 204.3 244.3#

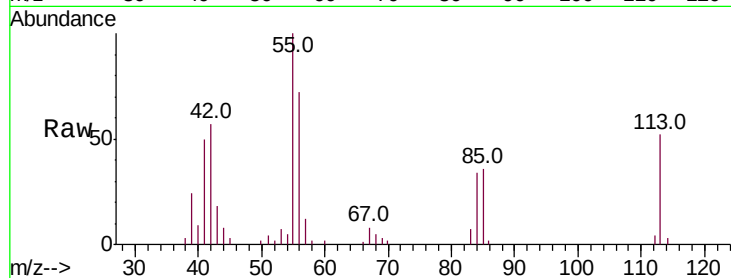
56 138.9 135.0 175.0

Manual Integrations

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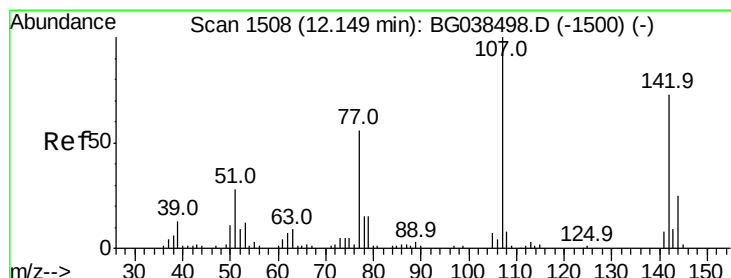
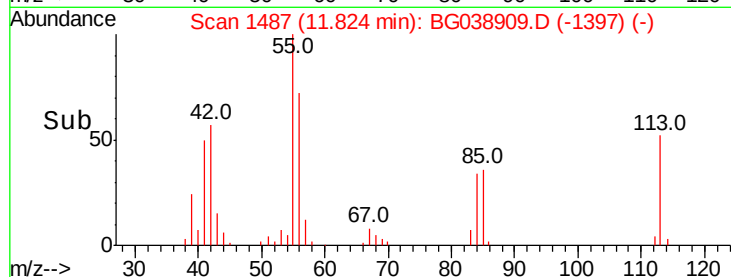
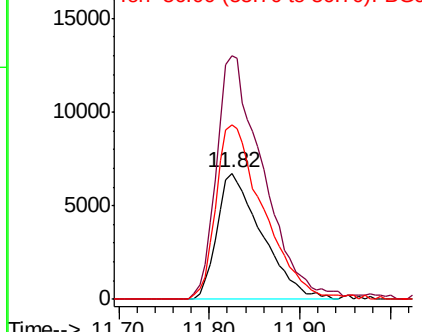
1/4/2019 11:21:14 AM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 47.928 ng

RT: 12.15 min Scan# 1542

Delta R.T. -0.00 min

Lab File: BG038909.D

Acq: 3 Jan 2019 18:43

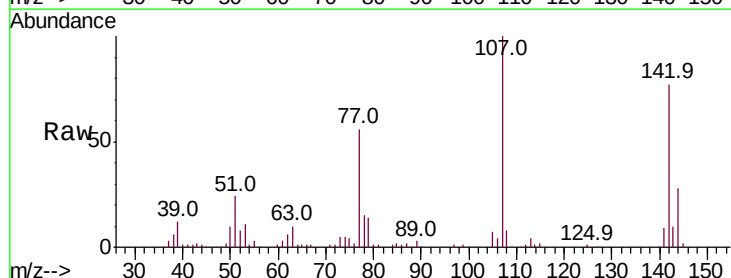
Tgt Ion:107 Resp: 95619

Ion Ratio Lower Upper

107 100

144 27.7 20.1 30.1

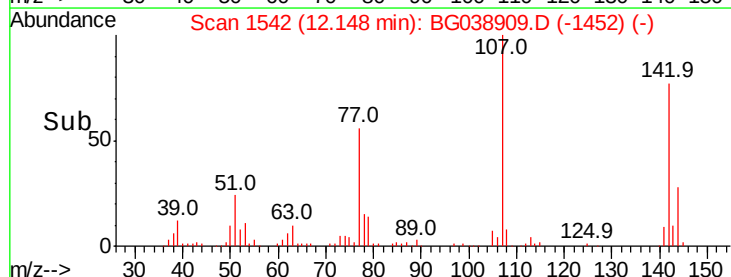
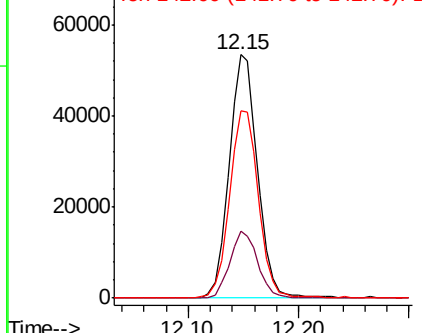
142 77.0 58.7 88.1

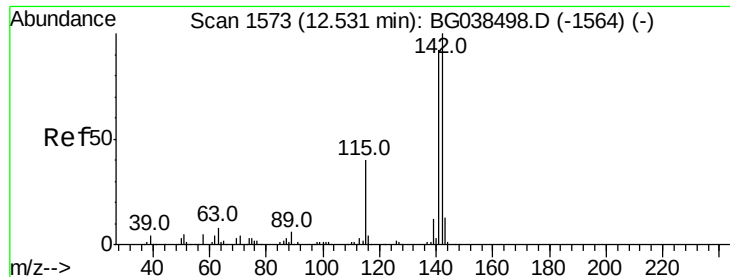


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





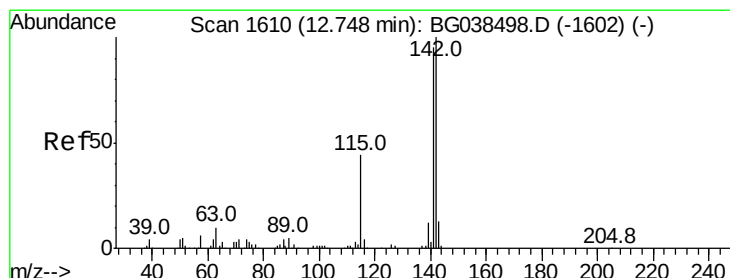
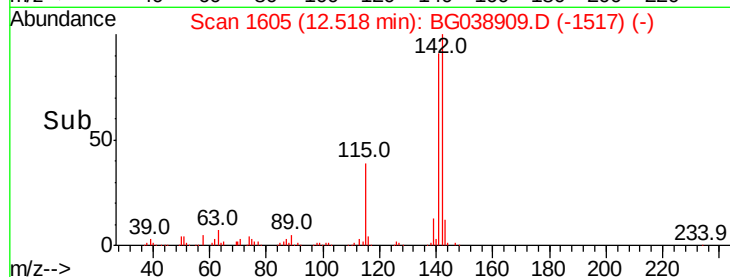
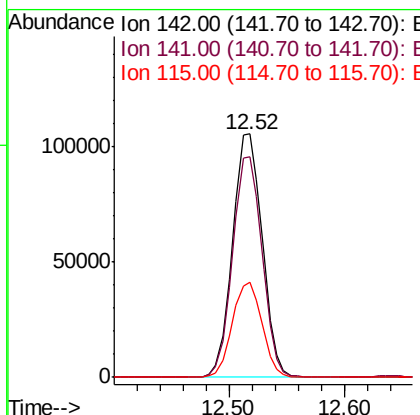
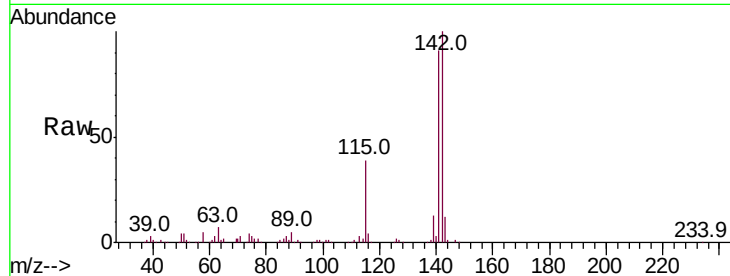
#37
2-Methylnaphthalene
Concen: 49.257 ng
RT: 12.52 min Scan# 1605
Delta R.T. -0.01 min
Lab File: BG038909.D
Acq: 3 Jan 2019 18:43

Instrument :
BNA_G
ClientSampleId :
AU-05-010219-AMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.7	73.5	110.3
115	38.9	31.7	47.5

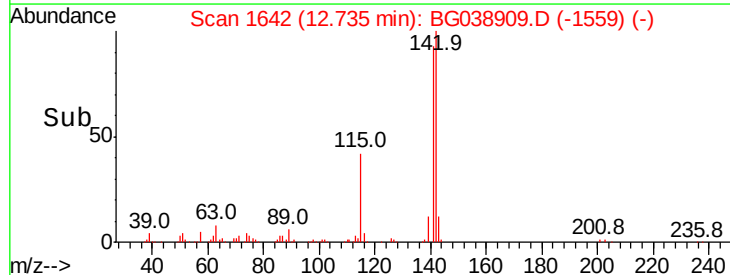
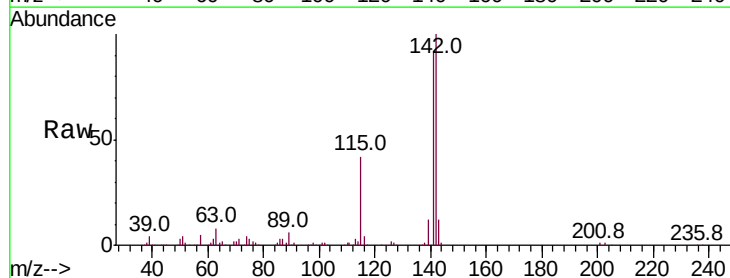
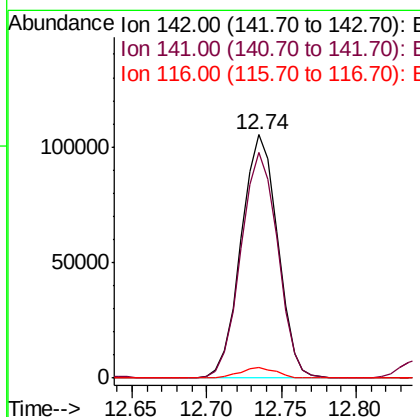
Manual Integrations
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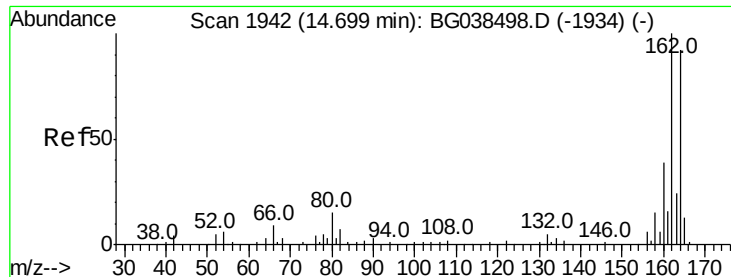
Sohil
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#38
1-Methylnaphthalene
Concen: 48.377 ng
RT: 12.74 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BG038909.D
Acq: 3 Jan 2019 18:43

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	75.8	113.8
116	4.3	3.6	5.4





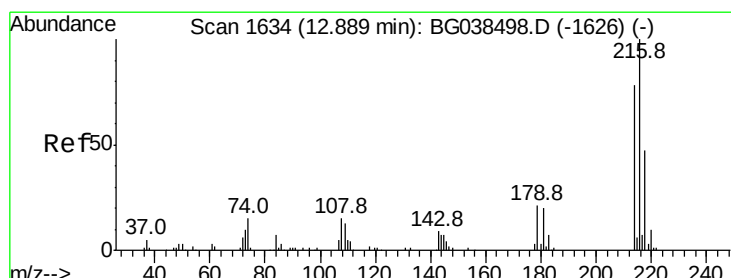
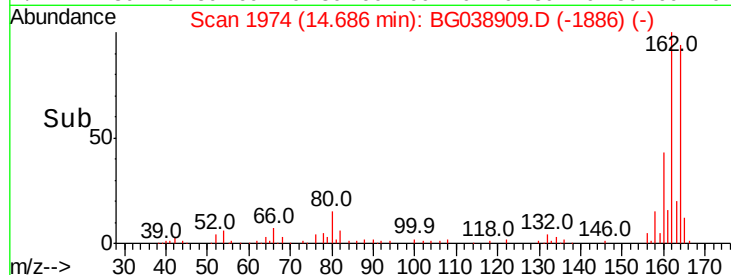
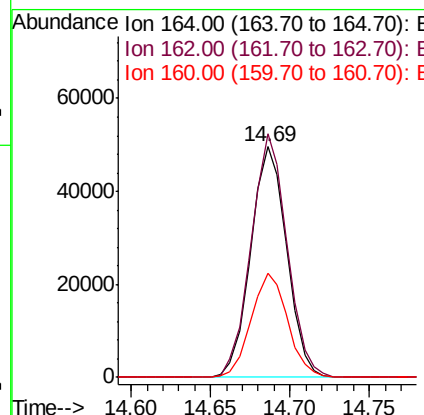
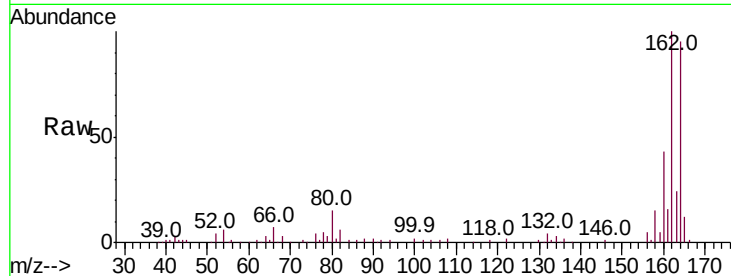
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.01 min
 Lab File: BG038909.D
 Acq: 3 Jan 2019 18:43

Instrument :
 BNA_G
 ClientSampleId :
 AU-05-010219-AMS

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.6	86.6	130.0
160	45.4	34.2	51.2

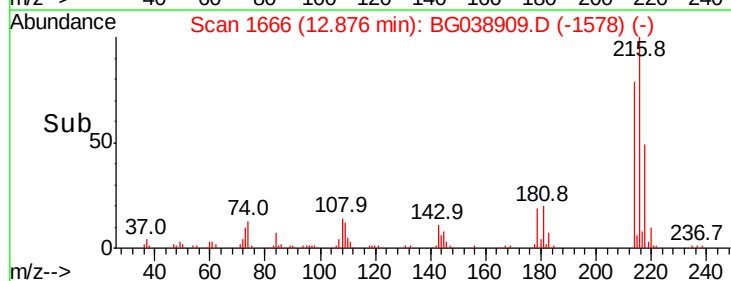
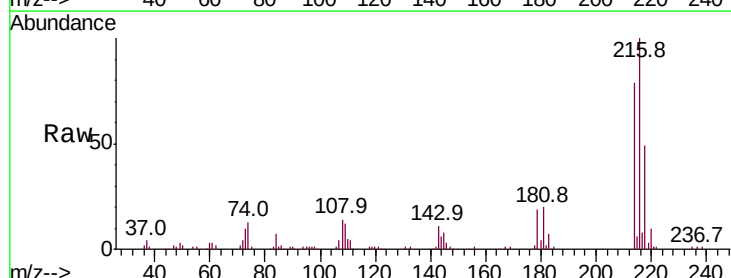
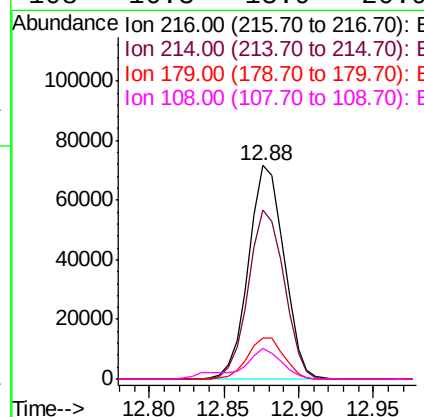
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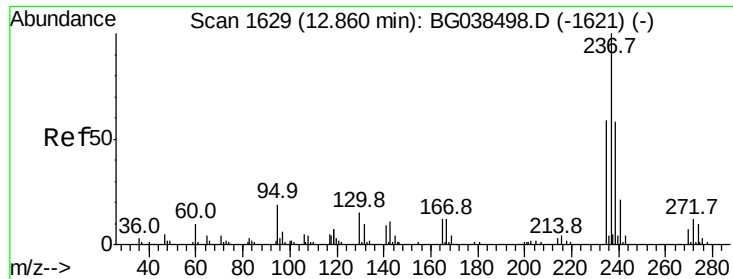
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.271 ng
 RT: 12.88 min Scan# 1666
 Delta R.T. -0.01 min
 Lab File: BG038909.D
 Acq: 3 Jan 2019 18:43

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.6	64.1	96.1
179	19.5	16.4	24.6
108	16.3	13.9	20.9





#41

Hexachlorocyclopentadiene

Concen: 80.833 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.02 min

Lab File: BG038909.D

Acq: 3 Jan 2019 18:43

Instrument :

BNA_G

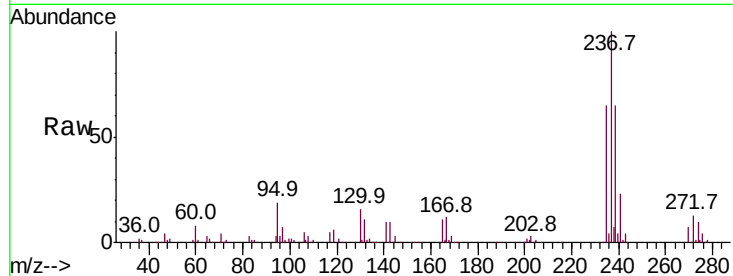
ClientSampleId :

AU-05-010219-AMS

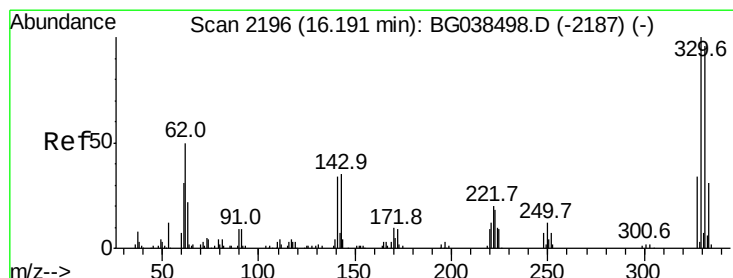
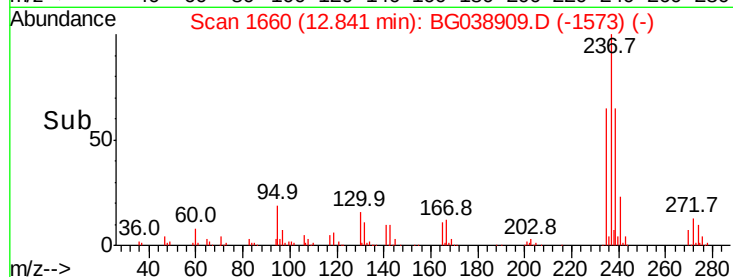
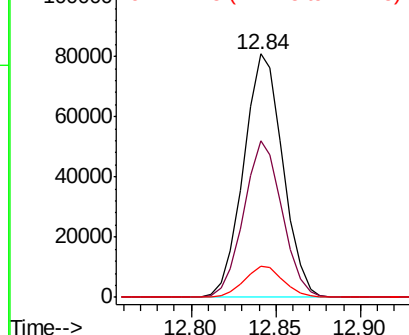
Tot Ion:	237	Resp:	129966
Ion Ratio	Lower	Upper	
237	100		
235	64.6	38.8	78.8
272	12.9	0.0	32.0

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



#42

2,4,6-Tribromophenol

Concen: 157.219 ng

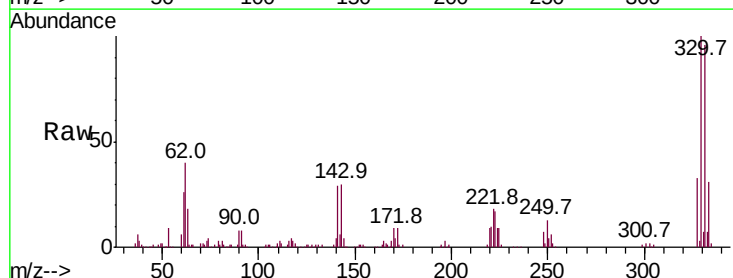
RT: 16.18 min Scan# 2229

Delta R.T. -0.01 min

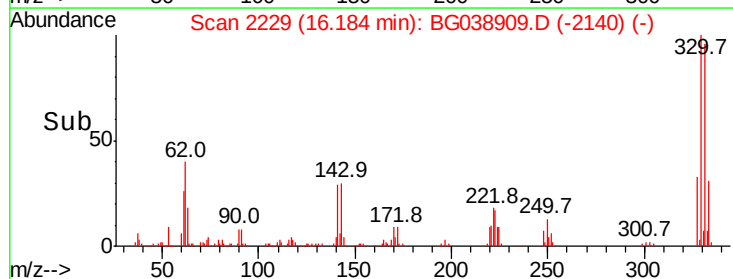
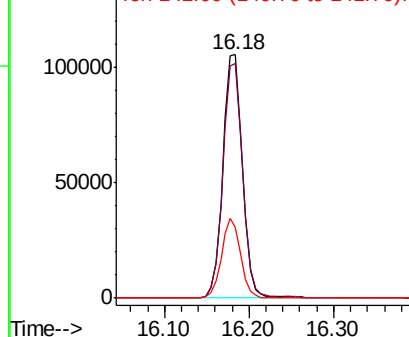
Lab File: BG038909.D

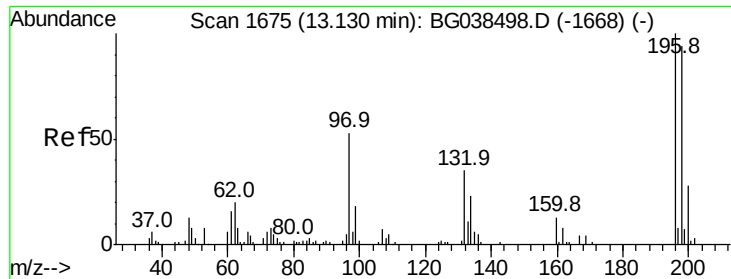
Acq: 3 Jan 2019 18:43

Tgt Ion:	330	Resp:	169642
Ion Ratio	Lower	Upper	
330	100		
332	96.8	76.9	115.3
141	31.6	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





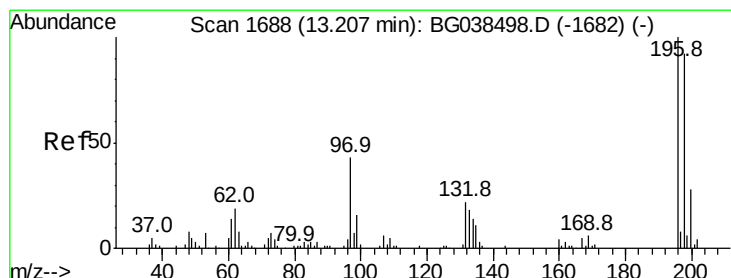
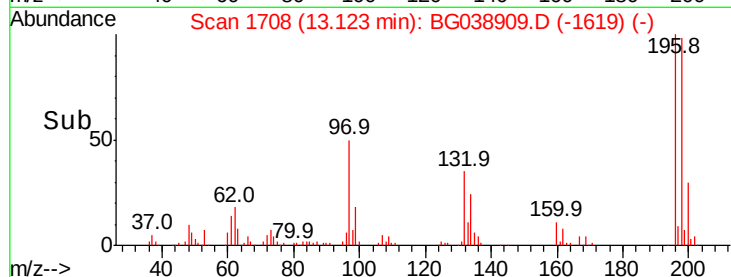
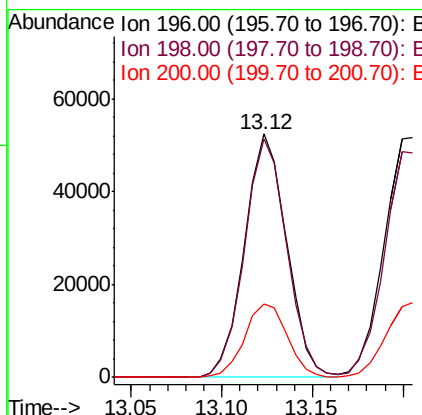
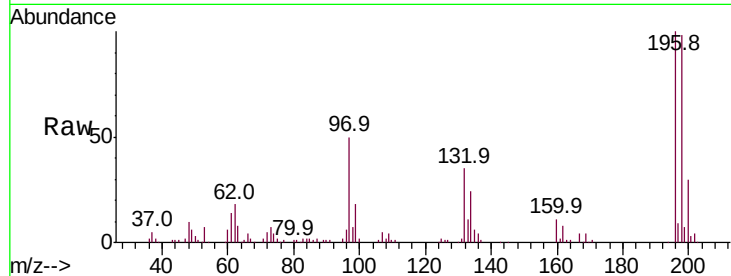
#43
 2,4,6-Trichlorophenol
 Concen: 47.188 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BG038909.D
 Acq: 3 Jan 2019 18:43

Instrument :
 BNA_G
 ClientSampleId :
 AU-05-010219-AMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	84911		
198	98.0	75.0	112.4	
200	30.2	22.4	33.6	

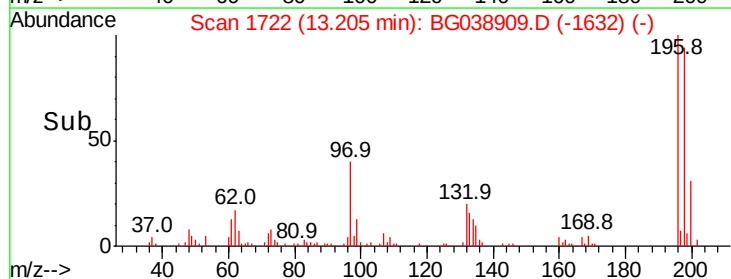
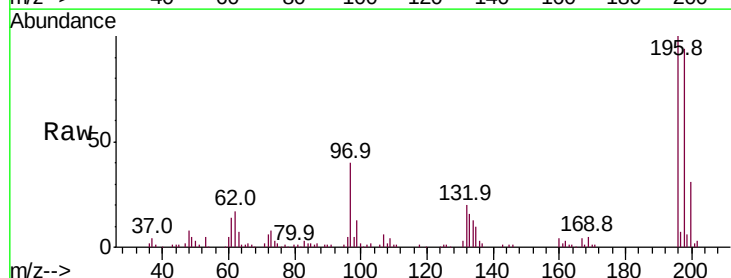
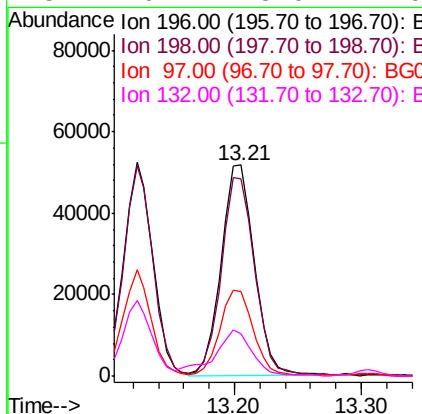
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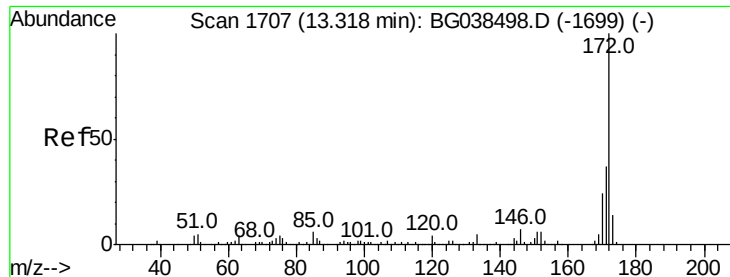
Sohil
 1/4/2019 11:21:14 AM



#44
 2,4,5-Trichlorophenol
 Concen: 49.104 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: BG038909.D
 Acq: 3 Jan 2019 18:43

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	93553		
198	93.6	74.0	111.0	
97	40.2	35.1	52.7	
132	20.1	18.0	27.0	





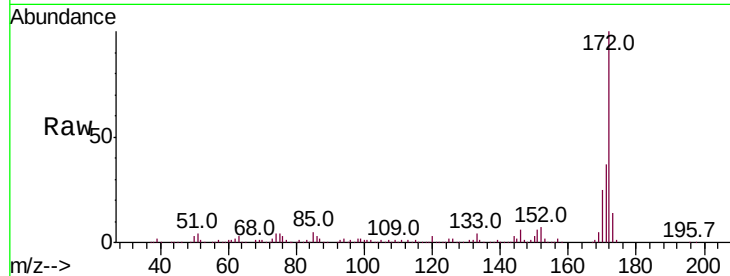
#45
2-Fluorobiphenyl
Concen: 81.932 ng
RT: 13.31 min Scan# 1739
Delta R.T. -0.01 min
Lab File: BG038909.D
Acq: 3 Jan 2019 18:43

Instrument :
BNA_G
ClientSampleId :
AU-05-010219-AMS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.8	44.6
170	25.1	19.5	29.3

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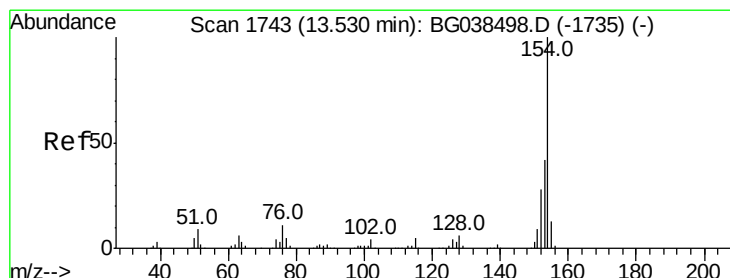
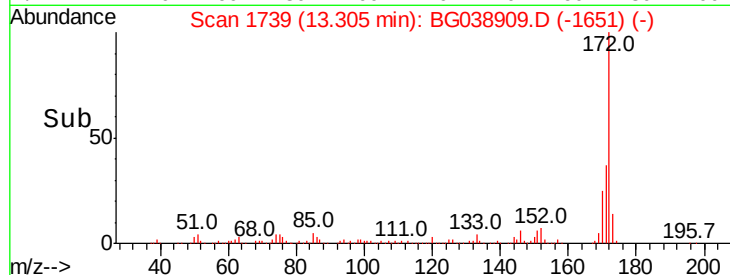
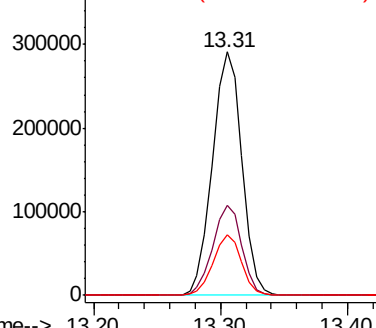


Abundance

Ion 172.00 (171.70 to 172.70): E

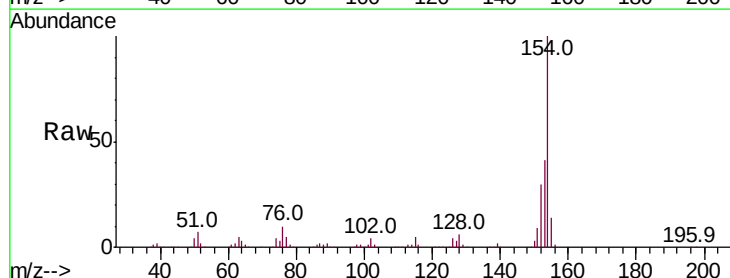
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 38.464 ng
RT: 13.52 min Scan# 1775
Delta R.T. -0.01 min
Lab File: BG038909.D
Acq: 3 Jan 2019 18:43

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	22.1	62.1
76	9.9	0.0	31.2

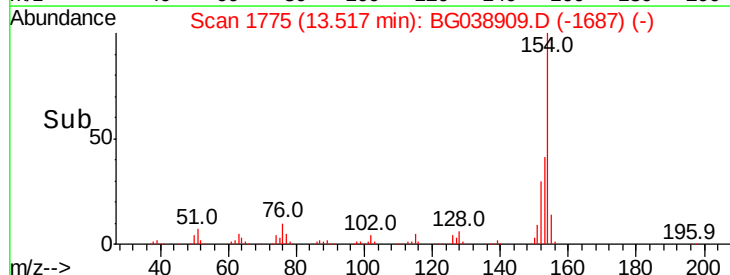
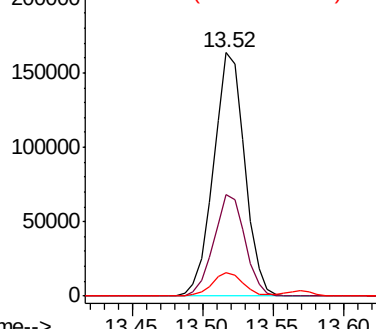


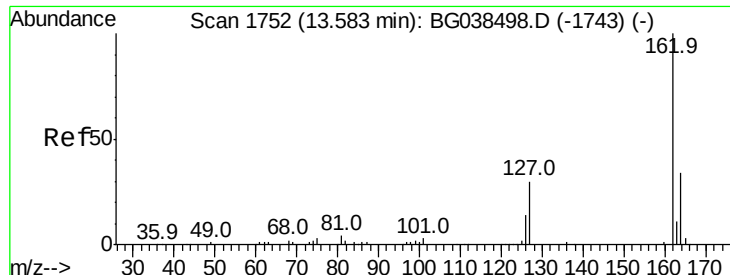
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG





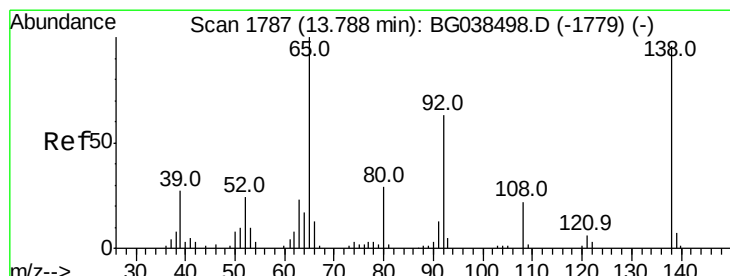
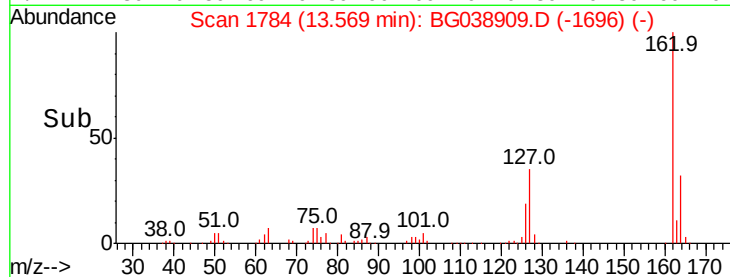
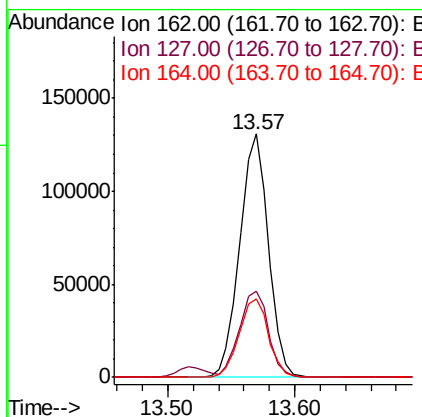
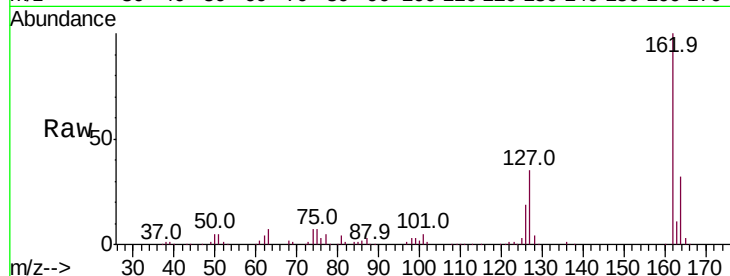
#47
 2-Chloronaphthalene
 Concen: 40.334 ng
 RT: 13.57 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: BG038909.D
 Acq: 3 Jan 2019 18:43

Instrument :
 BNA_G
 ClientSampleId :
 AU-05-010219-AMS

Tot Ion:	162	Resp:	204492
Ion Ratio	Lower	Upper	
162	100		
127	35.4	27.8	41.8
164	32.0	26.9	40.3

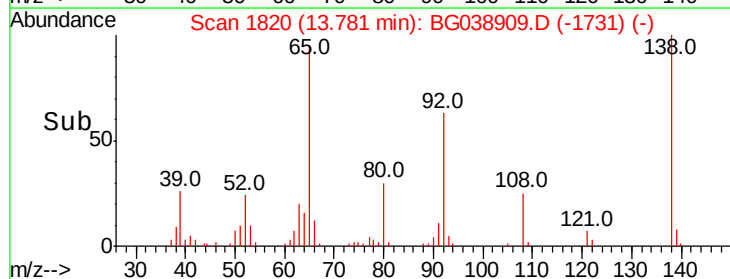
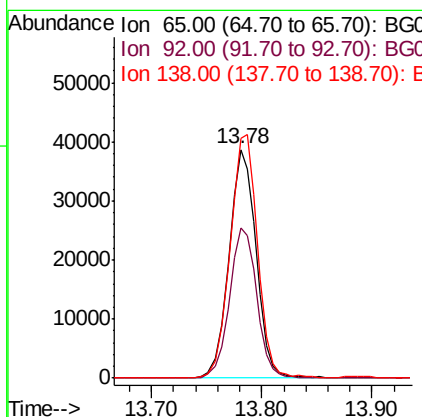
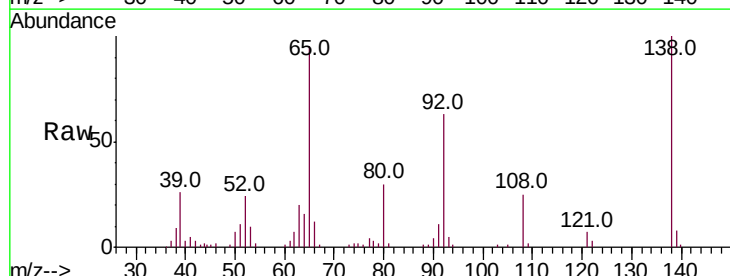
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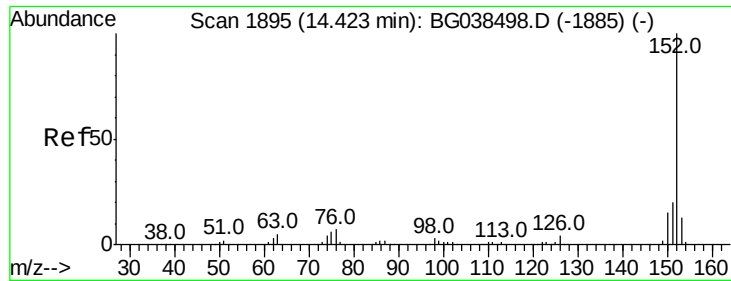
Sohil
 1/4/2019 11:21:14 AM



#48
 2-Nitroaniline
 Concen: 41.167 ng
 RT: 13.78 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BG038909.D
 Acq: 3 Jan 2019 18:43

Tgt Ion:	65	Resp:	66481
Ion Ratio	Lower	Upper	
65	100		
92	66.0	50.0	75.0
138	105.0	76.9	115.3





#49

Acenaphthylene

Concen: 44.984 ng

RT: 14.42 min Scan# 1928

Delta R.T. -0.01 min

Lab File: BG038909.D

Acq: 3 Jan 2019 18:43

Instrument :

BNA_G

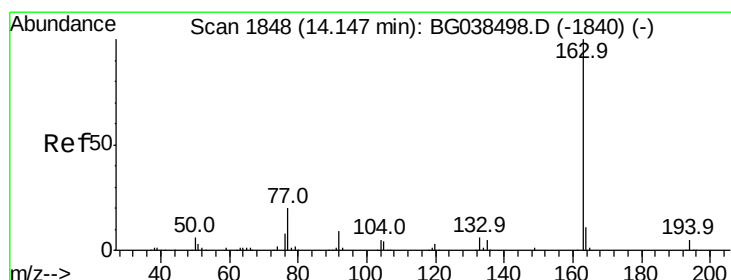
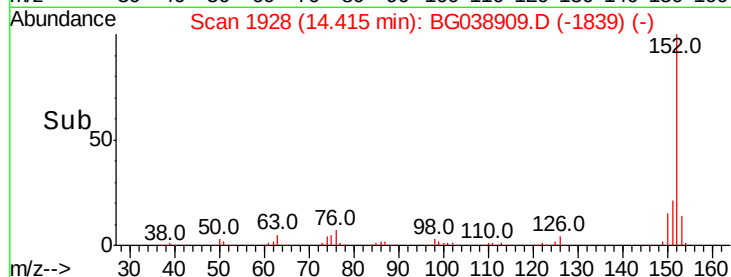
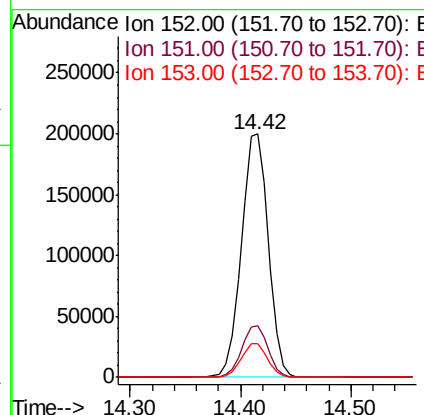
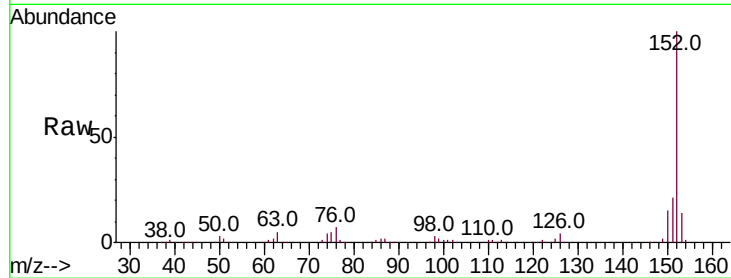
ClientSampleId :

AU-05-010219-AMS

Tot Ion:	152	Resp:	340951
Ion Ratio	Lower	Upper	
152	100		
151	21.2	16.4	24.6
153	13.8	10.4	15.6

Manual Integrations
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#50

Dimethylphthalate

Concen: 44.143 ng

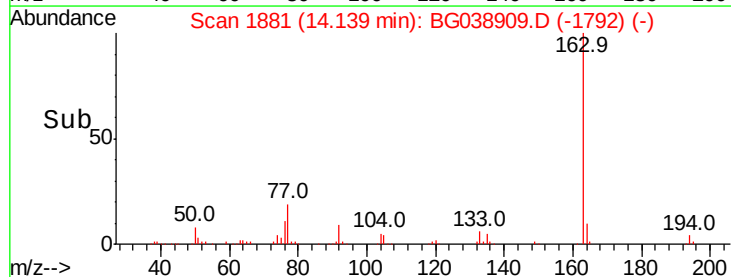
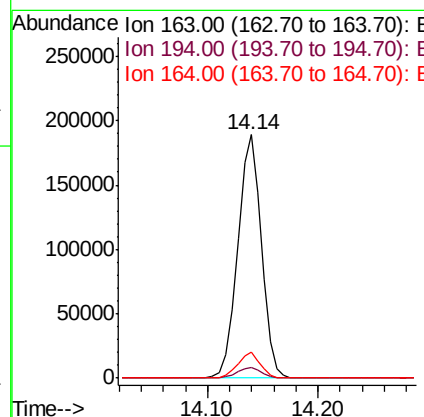
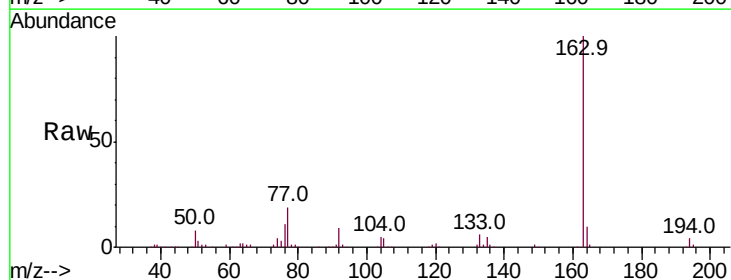
RT: 14.14 min Scan# 1881

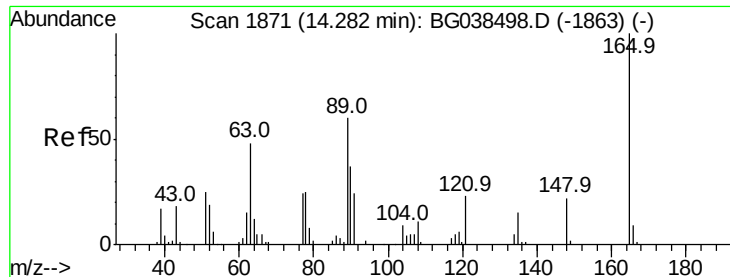
Delta R.T. -0.01 min

Lab File: BG038909.D

Acq: 3 Jan 2019 18:43

Tgt Ion:	163	Resp:	282233
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.7	5.5
164	10.4	8.6	12.8





#51

2,6-Dinitrotoluene

Concen: 44.390 ng

RT: 14.27 min Scan# 1903

Delta R.T. -0.01 min

Lab File: BG038909.D

Acq: 3 Jan 2019 18:43

Instrument :

BNA_G

ClientSampleId :

AU-05-010219-AMS

Tot Ion:165 Resp: 64318

Ion Ratio Lower Upper

165 100

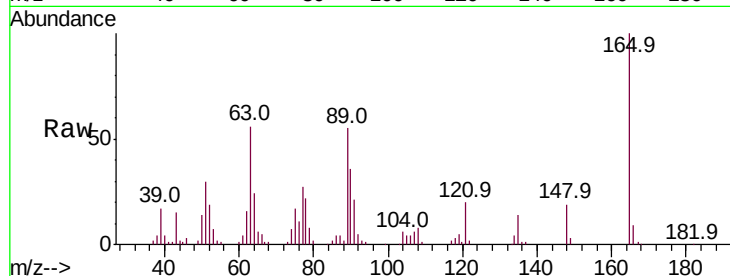
63 56.0 51.8 77.6

89 54.6 47.9 71.9

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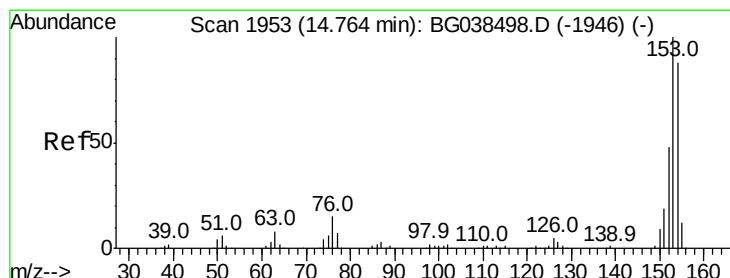
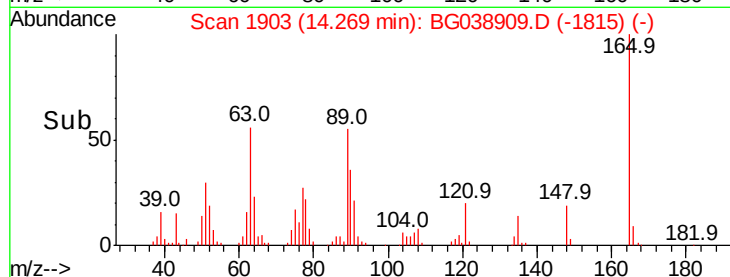
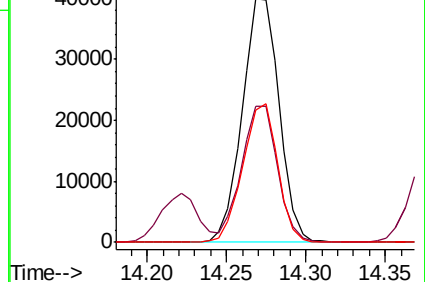
1/4/2019 11:21:14 AM



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 43.112 ng

RT: 14.75 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BG038909.D

Acq: 3 Jan 2019 18:43

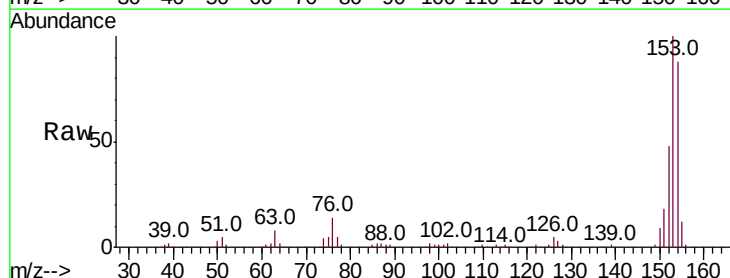
Tgt Ion:154 Resp: 195392

Ion Ratio Lower Upper

154 100

153 113.3 90.6 136.0

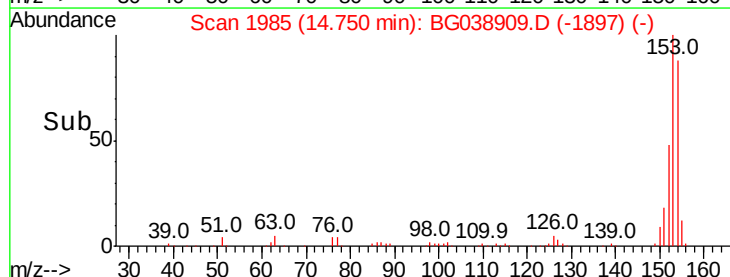
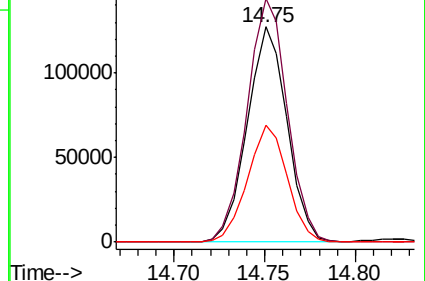
152 54.7 43.5 65.3

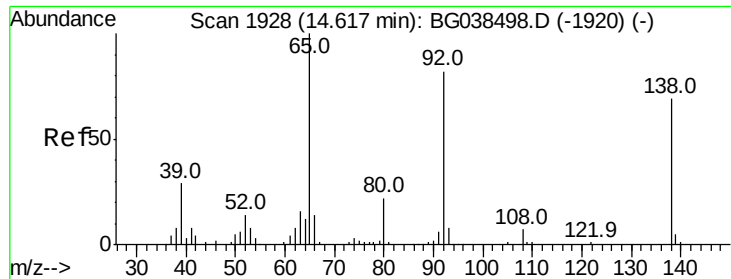


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





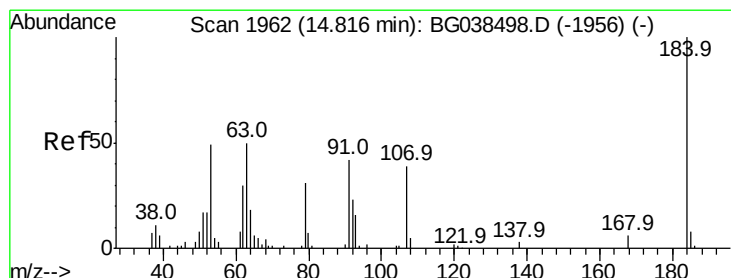
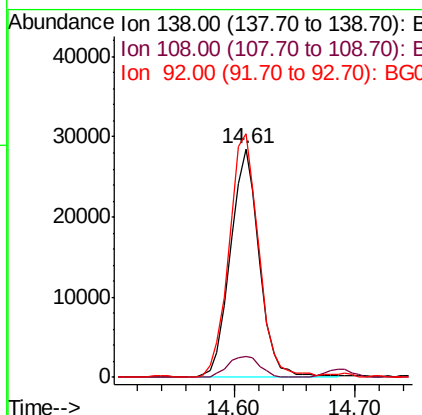
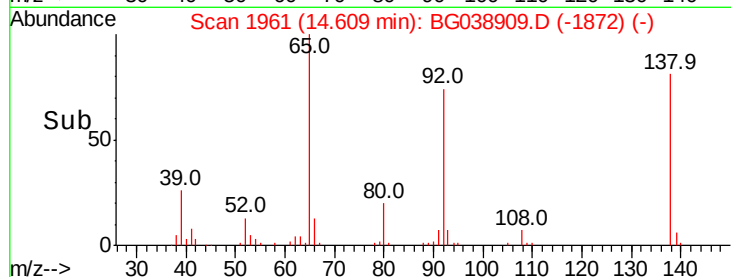
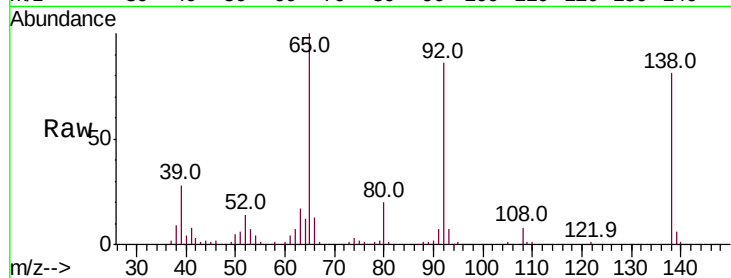
#53
3-Nitroaniline
Concen: 32.088 ng
RT: 14.61 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BG038909.D
Acq: 3 Jan 2019 18:43

Instrument :
BNA_G
ClientSampleId :
AU-05-010219-AMS

Tot Ion:138 Resp: 47394
Ion Ratio Lower Upper
138 100
108 9.4 7.9 11.9
92 106.7 95.3 142.9

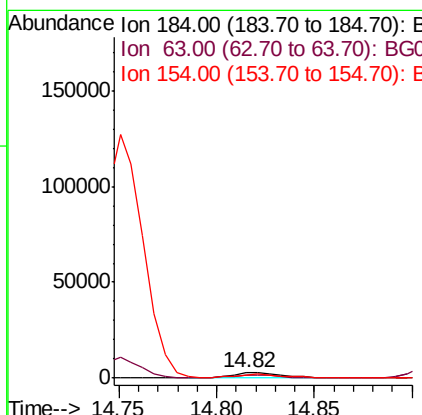
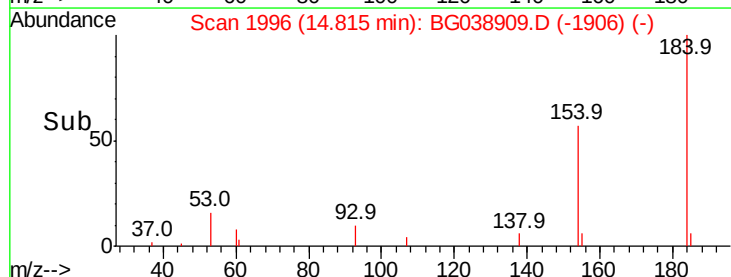
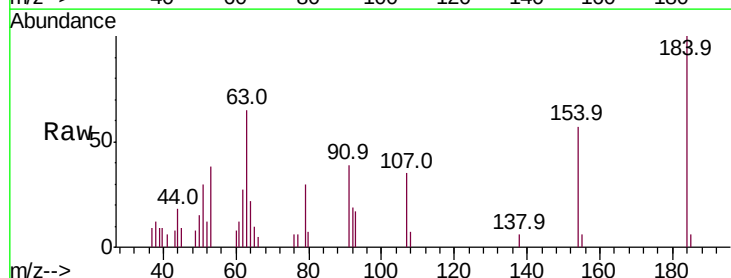
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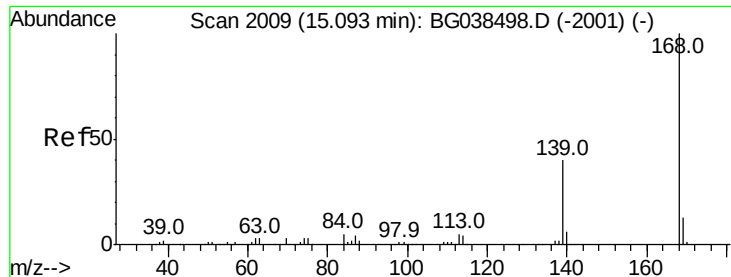
Sohil
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#54
2,4-Dinitrophenol
Concen: 10.865 ng
RT: 14.82 min Scan# 1996
Delta R.T. -0.00 min
Lab File: BG038909.D
Acq: 3 Jan 2019 18:43

Tgt Ion:184 Resp: 5239
Ion Ratio Lower Upper
184 100
63 65.1 47.0 70.6
154 57.3 50.3 75.5





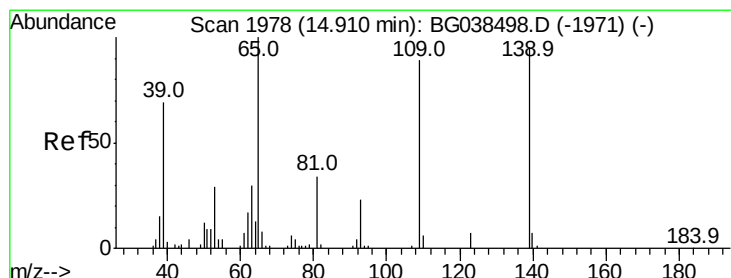
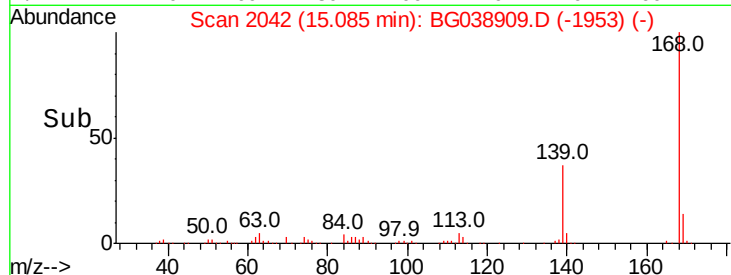
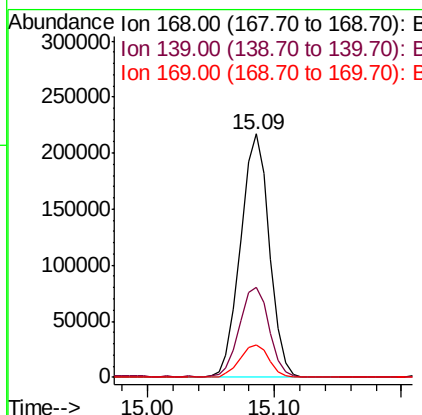
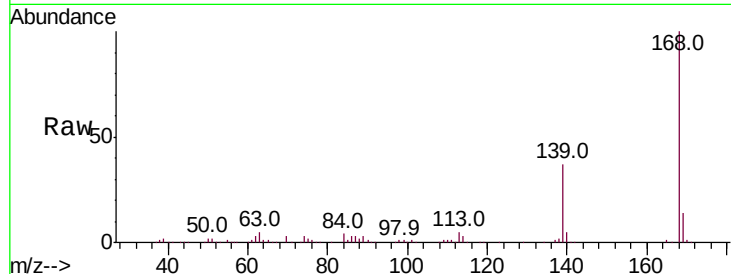
#55
Dibenzenofuran
Concen: 43.993 ng
RT: 15.09 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BG038909.D
Acq: 3 Jan 2019 18:43

Instrument :
BNA_G
ClientSampleId :
AU-05-010219-AMS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.9	32.2	48.2
169	13.5	10.6	16.0

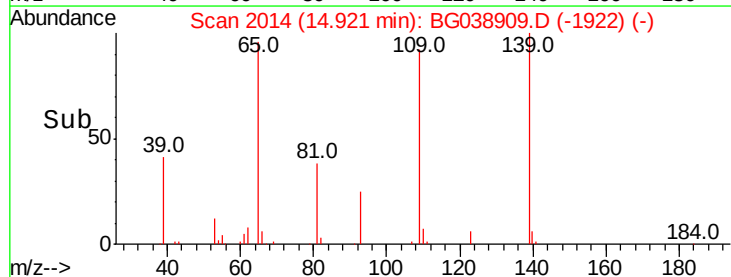
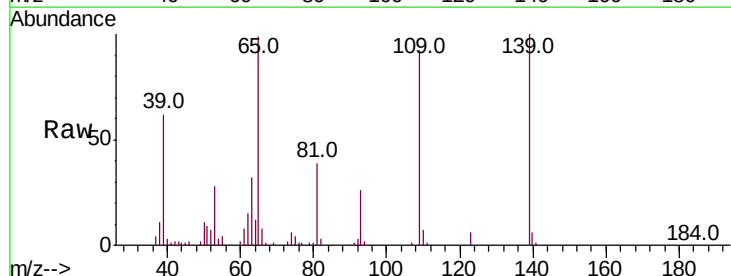
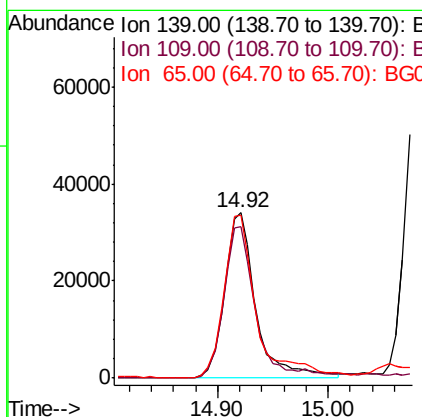
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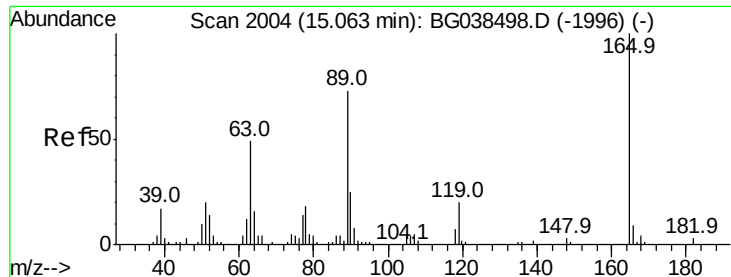
Sohil
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#56
4-Nitrophenol
Concen: 59.998 ng
RT: 14.92 min Scan# 2014
Delta R.T. 0.01 min
Lab File: BG038909.D
Acq: 3 Jan 2019 18:43

Tgt Ion	Ratio	Lower	Upper
139	100		
109	91.9	73.6	113.6
65	98.6	84.8	124.8





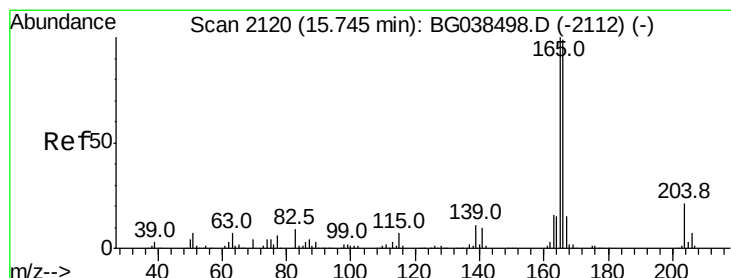
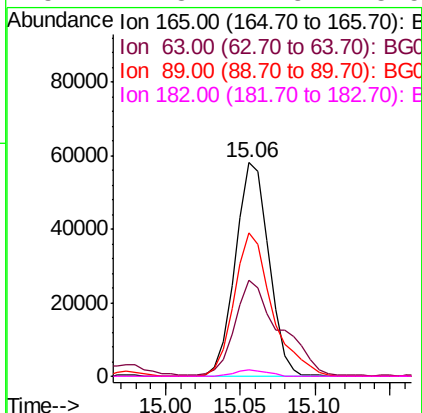
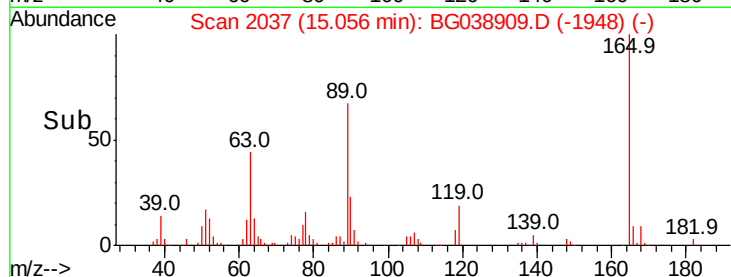
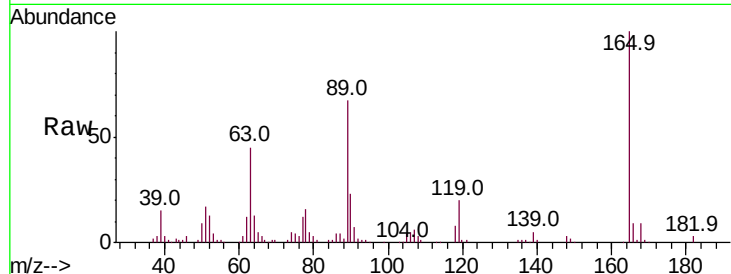
#57
2,4-Dinitrotoluene
Concen: 44.524 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BG038909.D
Acq: 3 Jan 2019 18:43

Instrument :
BNA_G
ClientSampleId :
AU-05-010219-AMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	44.9	39.0	58.4	
89	67.0	58.0	87.0	
182	2.8	2.3	3.5	

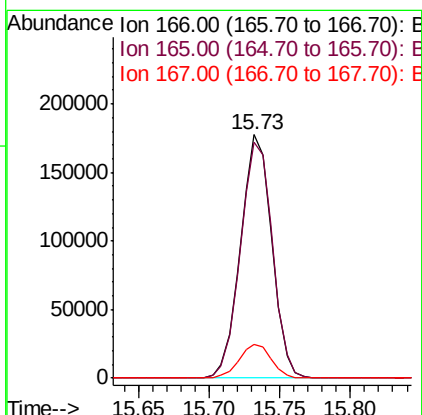
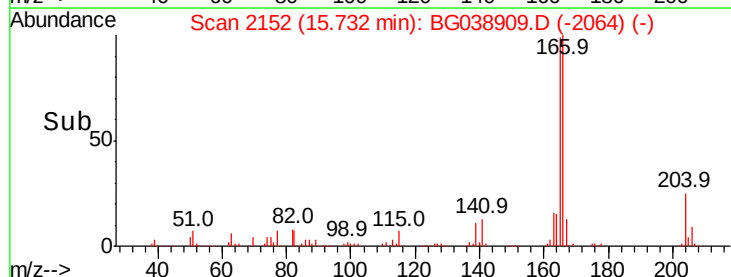
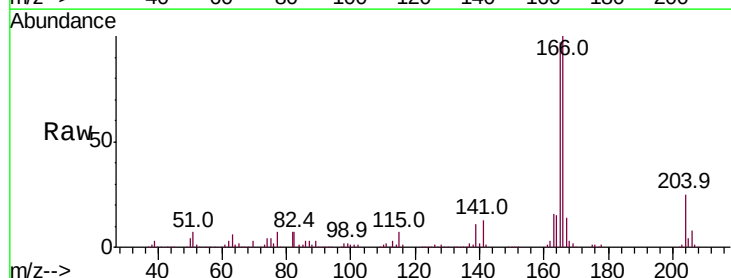
Manual Integrations
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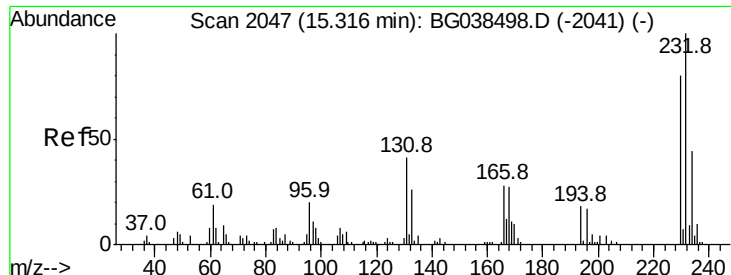
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#58
Fluorene
Concen: 47.780 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.01 min
Lab File: BG038909.D
Acq: 3 Jan 2019 18:43

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	97.2	80.6	120.8	
167	13.6	12.0	18.0	





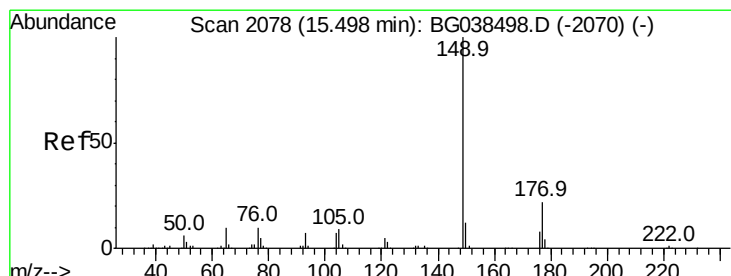
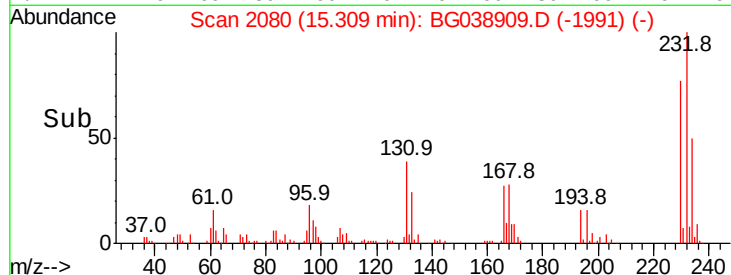
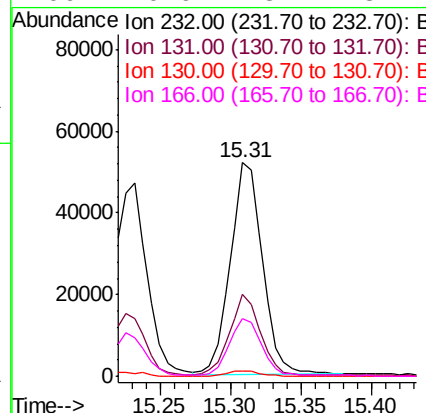
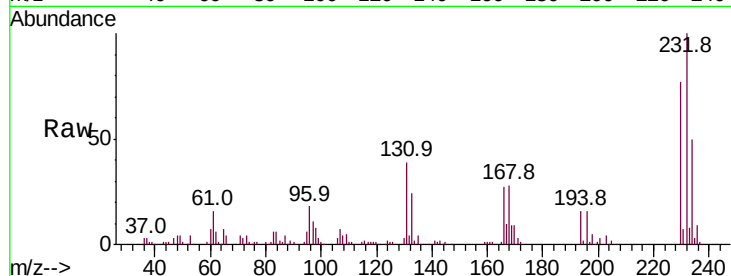
#59
2,3,4,6-Tetrachlorophenol
Concen: 48.149 ng
RT: 15.31 min Scan# 2080
Delta R.T. -0.01 min
Lab File: BG038909.D
Acq: 3 Jan 2019 18:43

Instrument :
BNA_G
ClientSampleId :
AU-05-010219-AMS

Tot Ion:	232	Resp:	82532
Ion Ratio	Lower	Upper	
232	100		
131	36.5	33.0	49.4
130	2.5	2.0	3.0
166	26.9	23.1	34.7

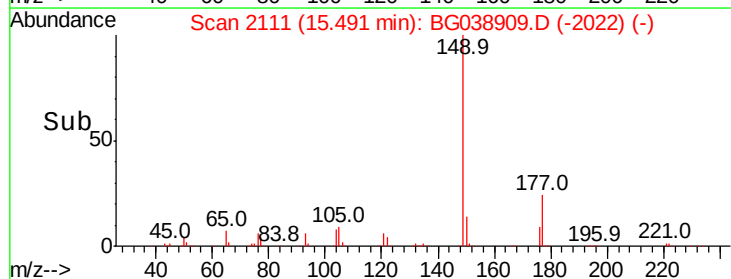
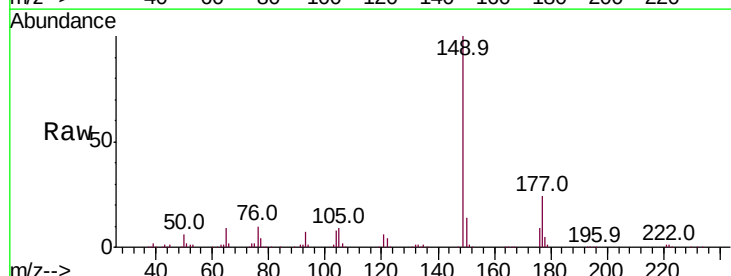
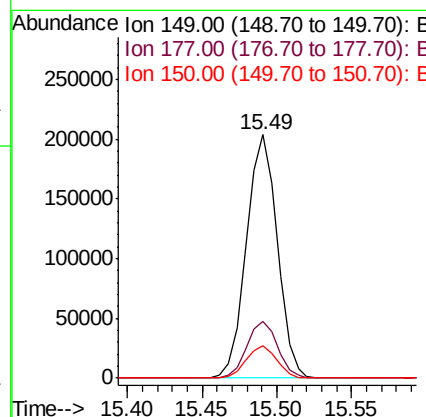
Manual Integrations
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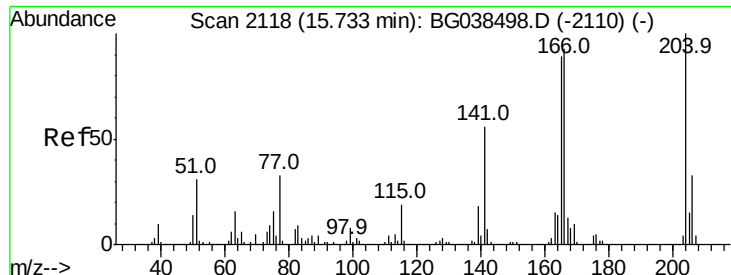
Sohil
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#60
Diethylphthalate
Concen: 41.429 ng
RT: 15.49 min Scan# 2111
Delta R.T. -0.01 min
Lab File: BG038909.D
Acq: 3 Jan 2019 18:43

Tgt Ion:	149	Resp:	290786
Ion Ratio	Lower	Upper	
149	100		
177	23.6	17.7	26.5
150	13.5	9.9	14.9





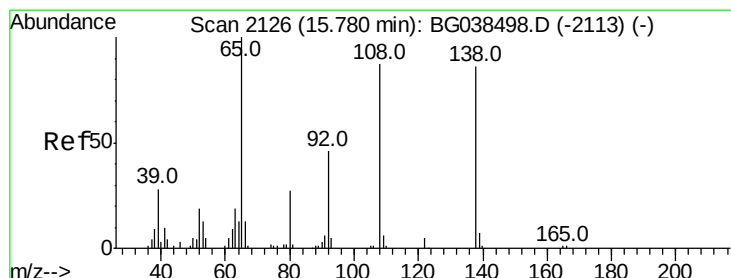
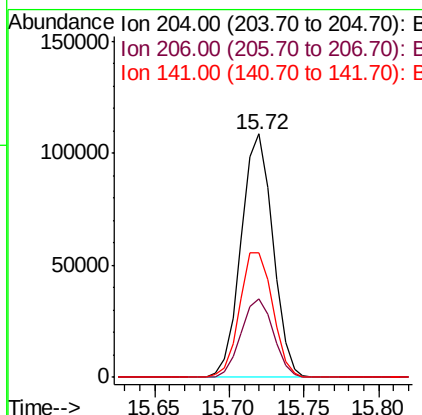
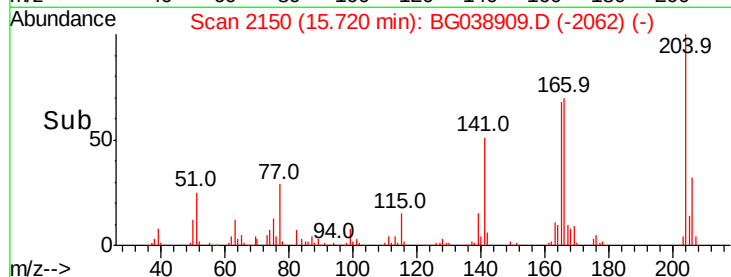
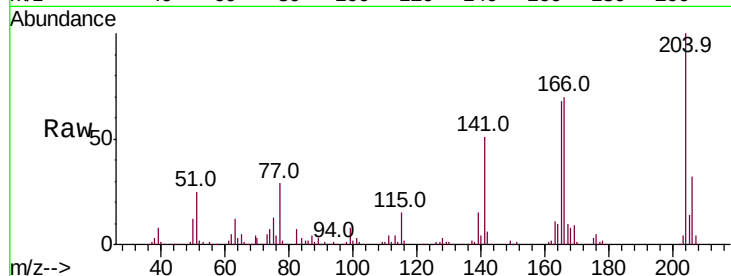
#61
 4-Chlorophenyl-phenylether
 Concen: 44.505 ng
 RT: 15.72 min Scan# 2150
 Delta R.T. -0.01 min
 Lab File: BG038909.D
 Acq: 3 Jan 2019 18:43

Instrument :
 BNA_G
 ClientSampleId :
 AU-05-010219-AMS

Tot Ion:	204	Resp:	159828
Ion Ratio		Lower	Upper
204	100		
206	32.2	26.0	39.0
141	51.2	44.4	66.6

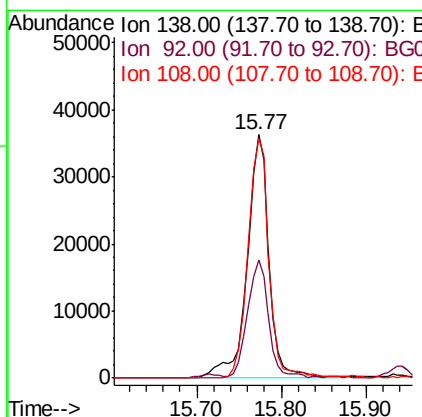
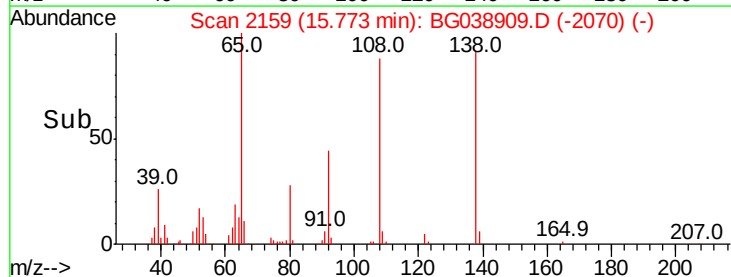
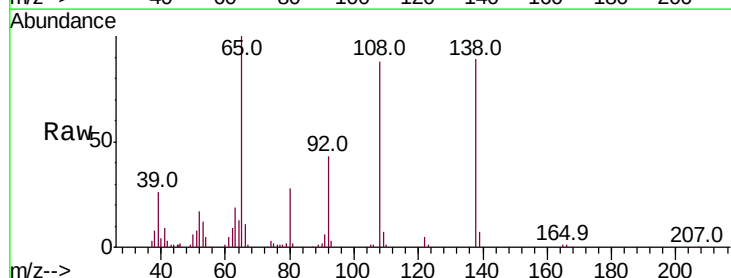
Manual Integrations
 APPROVED

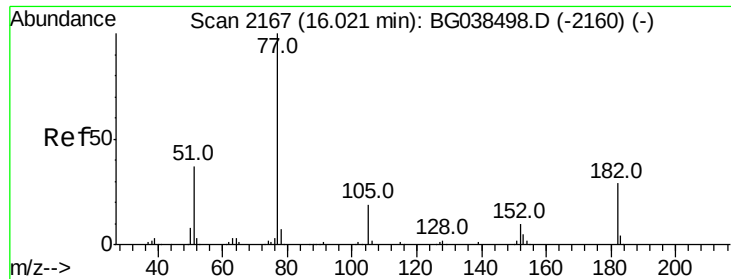
Sohil
 1/4/2019 11:21:14 AM



#62
 4-Nitroaniline
 Concen: 43.285 ng
 RT: 15.77 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BG038909.D
 Acq: 3 Jan 2019 18:43

Tgt Ion:	138	Resp:	65819
Ion Ratio		Lower	Upper
138	100		
92	48.5	33.3	73.3
108	98.4	81.4	121.4





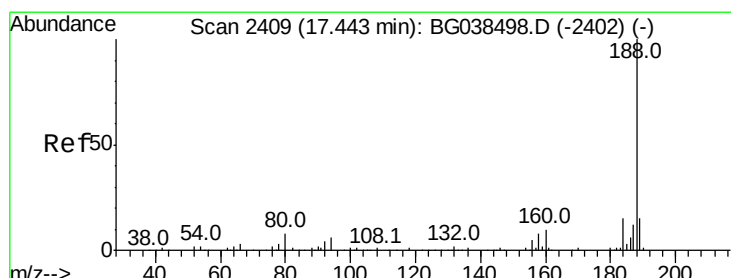
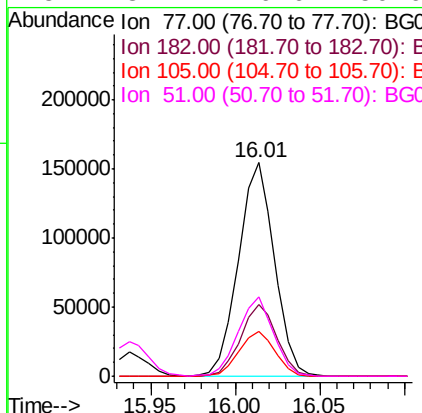
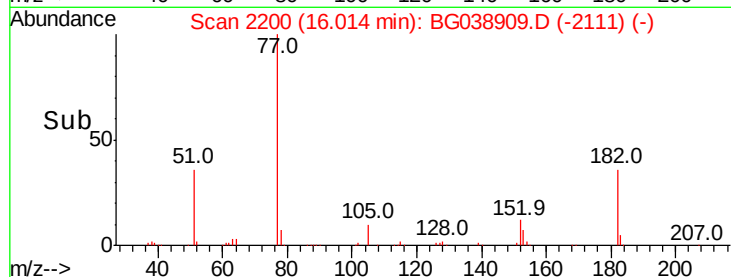
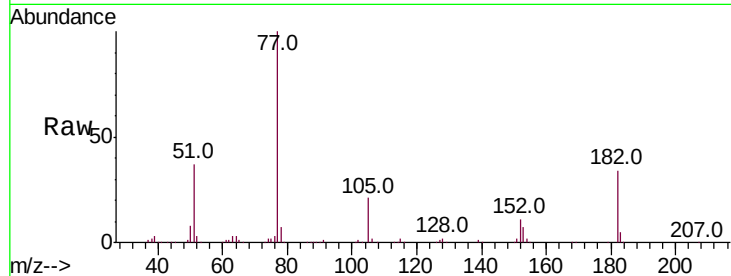
#63
Azobenzene
Concen: 38.950 ng
RT: 16.01 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BG038909.D
Acq: 3 Jan 2019 18:43

Instrument :
BNA_G
ClientSampleId :
AU-05-010219-AMS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	33.6	8.7	48.7	
105	21.2	0.0	38.7	
51	37.2	16.6	56.6	

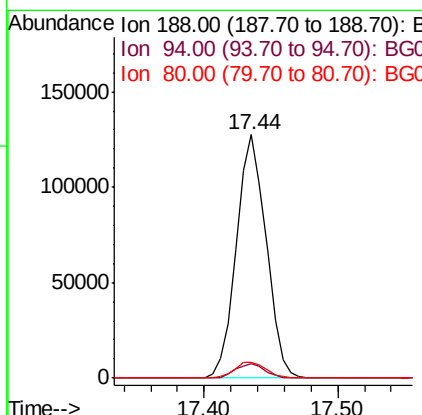
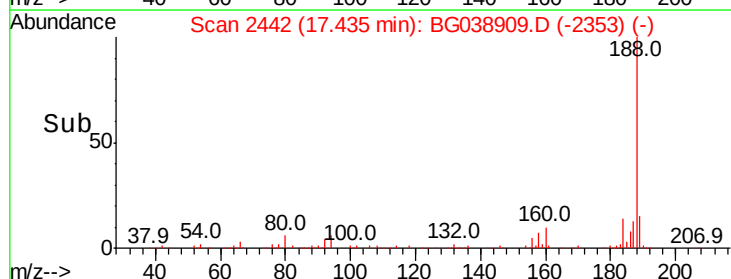
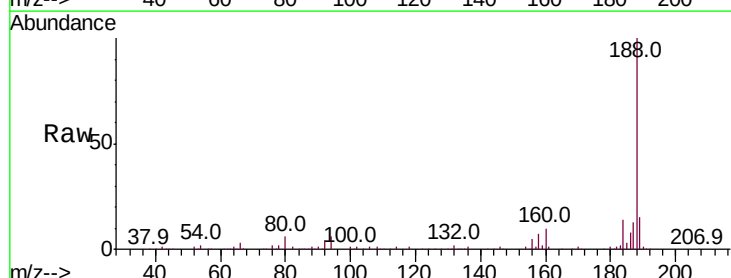
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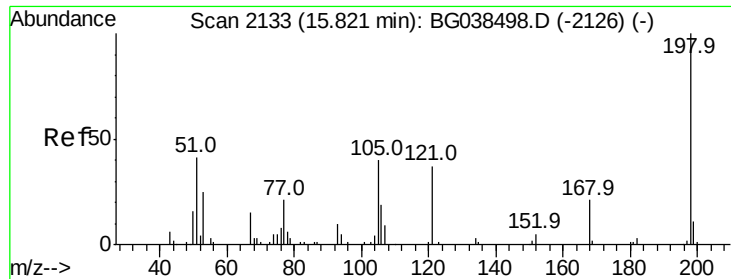
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BG038909.D
Acq: 3 Jan 2019 18:43

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	6.1	5.1	7.7	
80	6.3	6.1	9.1	





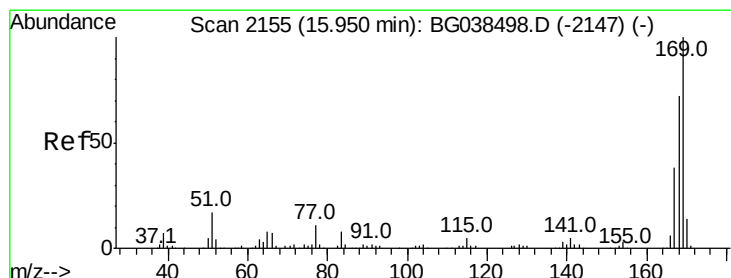
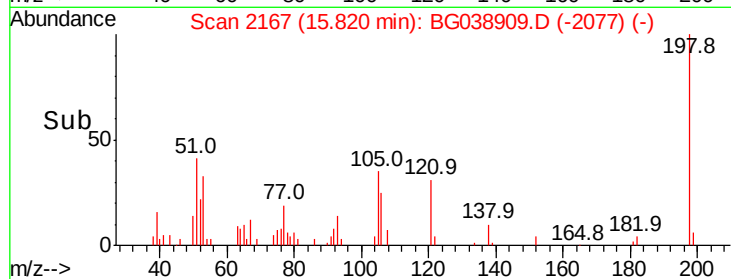
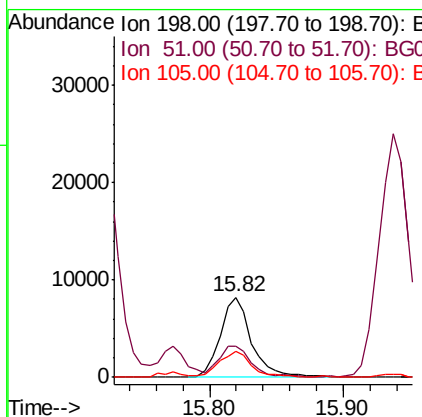
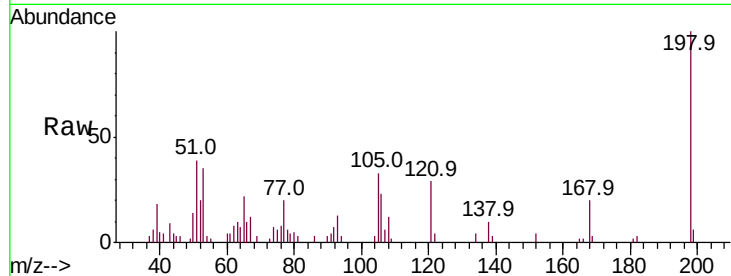
#65
 4,6-Dinitro-2-methylphenol
 Concen: 9.582 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. -0.00 min
 Lab File: BG038909.D
 Acq: 3 Jan 2019 18:43

Instrument :
 BNA_G
 ClientSampleId :
 AU-05-010219-AMS

Tot Ion	Ratio	Lower	Upper
198	100		
51	38.9	28.6	68.6
105	33.0	20.4	60.4

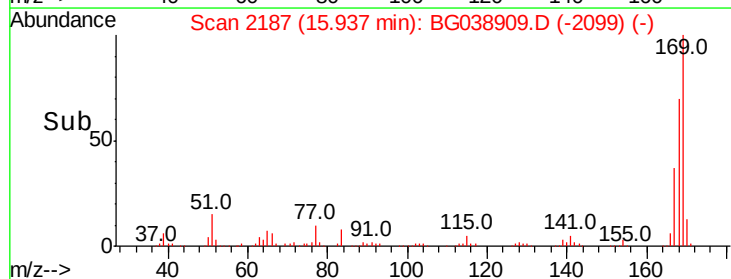
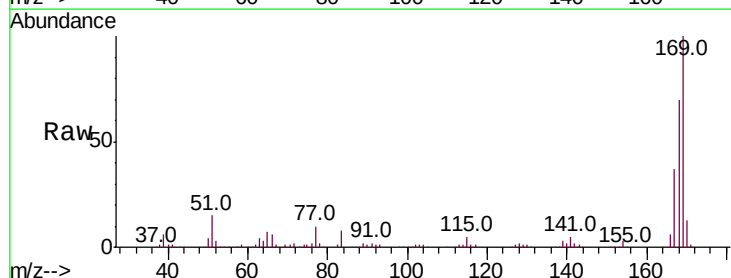
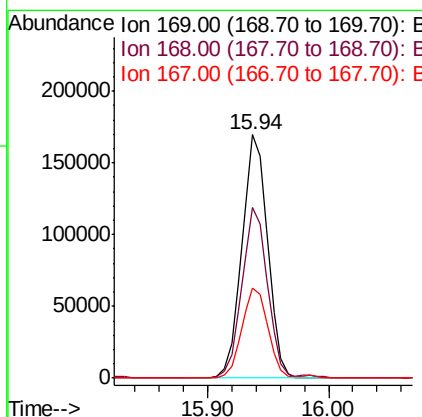
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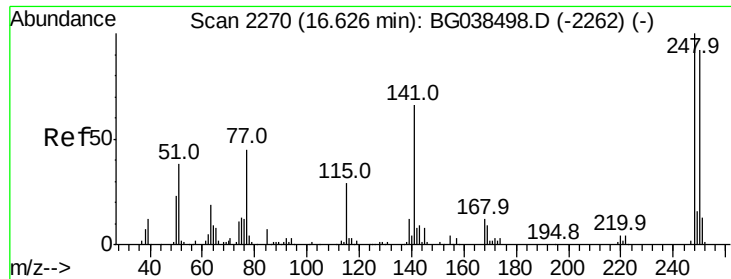
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#66
 n-Nitrosodiphenylamine
 Concen: 43.480 ng
 RT: 15.94 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BG038909.D
 Acq: 3 Jan 2019 18:43

Tgt Ion	Ratio	Lower	Upper
169	100		
168	70.0	57.5	86.3
167	37.1	30.2	45.2





#67

4-Bromophenyl-phenylether

Concen: 43.888 ng

RT: 16.61 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BG038909.D

Acq: 3 Jan 2019 18:43

Instrument :

BNA_G

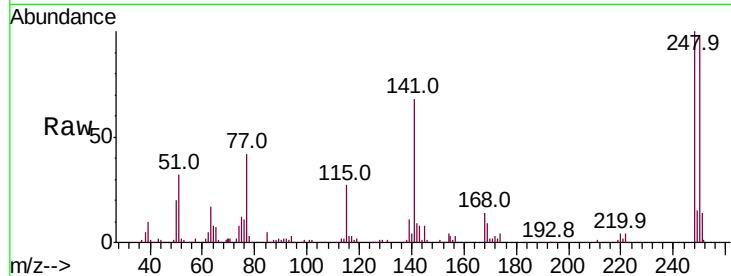
ClientSampleId :

AU-05-010219-AMS

Tot Ion:	248	Resp:	105914
Ion Ratio	Lower	Upper	
248	100		
250	97.5	73.4	110.2
141	68.4	52.9	79.3

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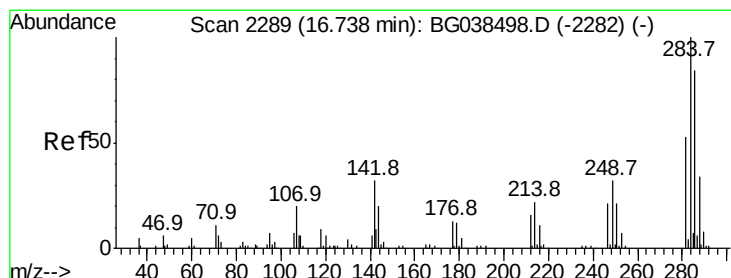
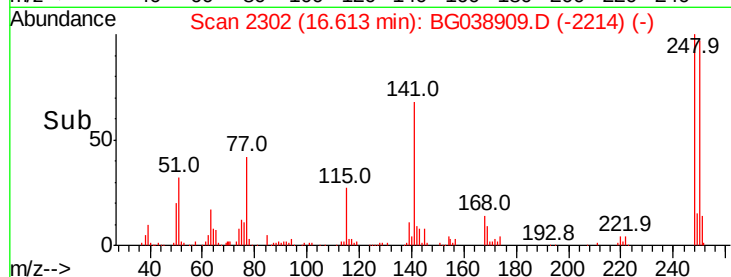
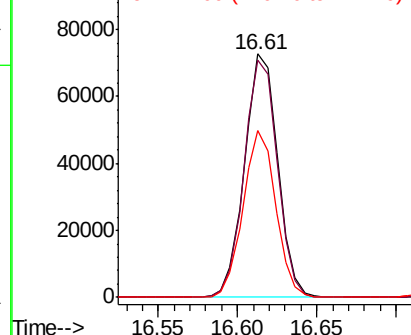


Abundance

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: 46.031 ng

RT: 16.73 min Scan# 2322

Delta R.T. -0.01 min

Lab File: BG038909.D

Acq: 3 Jan 2019 18:43

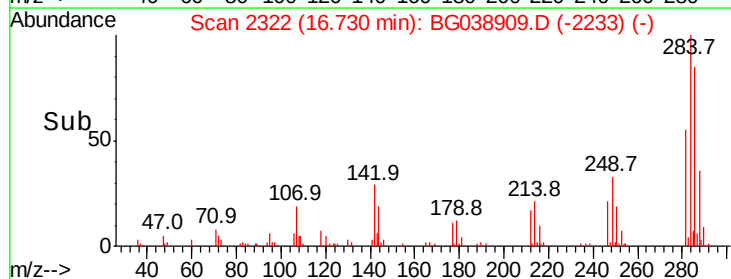
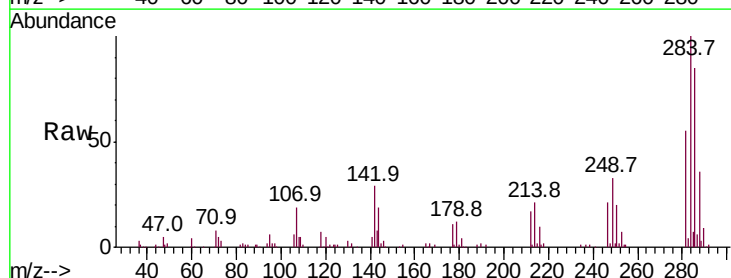
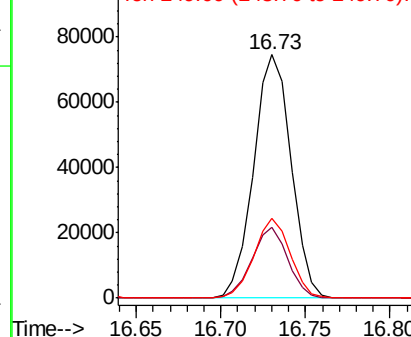
Tgt Ion:	284	Resp:	115153
Ion Ratio	Lower	Upper	
284	100		
142	29.2	25.8	38.6
249	32.7	27.0	40.4

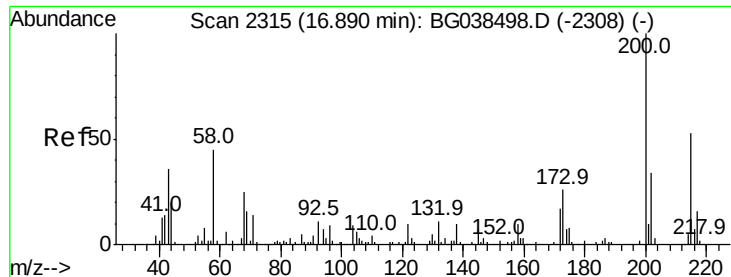
Abundance

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





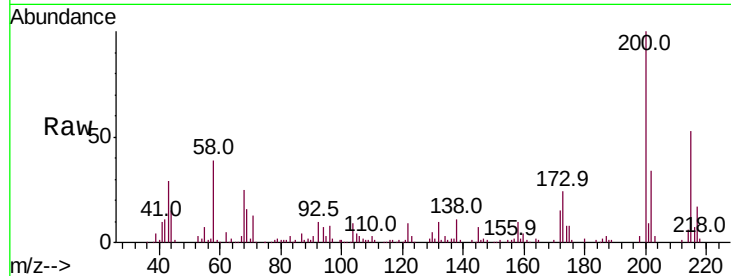
#69
Atrazine
Concen: 47.739 ng
RT: 16.88 min Scan# 2348
Delta R.T. -0.01 min
Lab File: BG038909.D
Acq: 3 Jan 2019 18:43

Instrument :
BNA_G
ClientSampleId :
AU-05-010219-AMS

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.0	5.9	45.9
215	53.4	33.1	73.1

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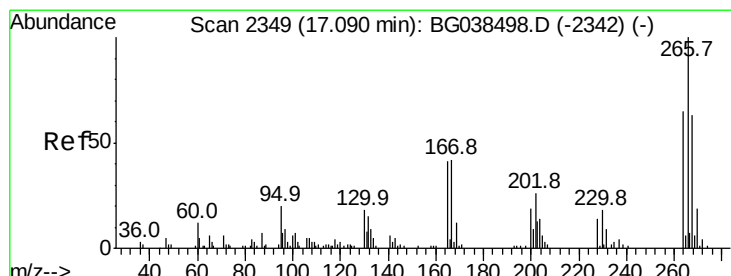
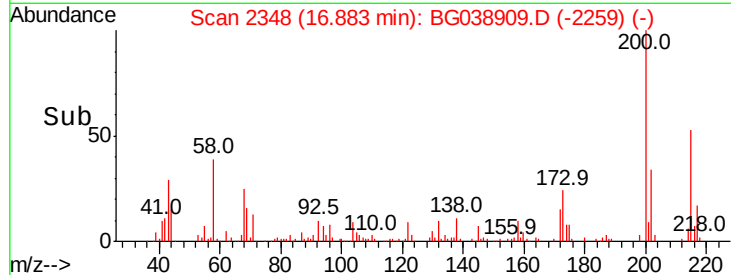
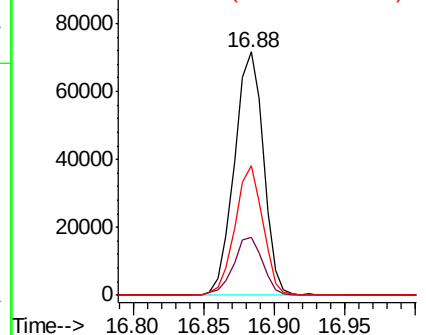


Abundance

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: 25.765 ng
RT: 17.08 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BG038909.D
Acq: 3 Jan 2019 18:43

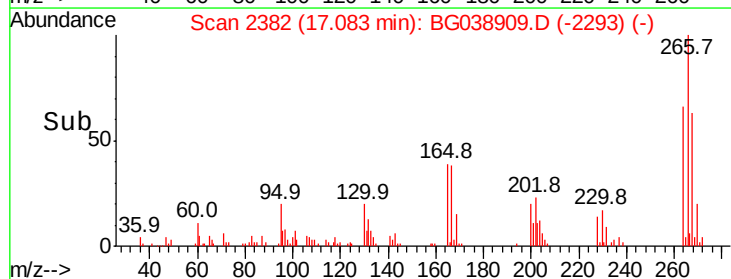
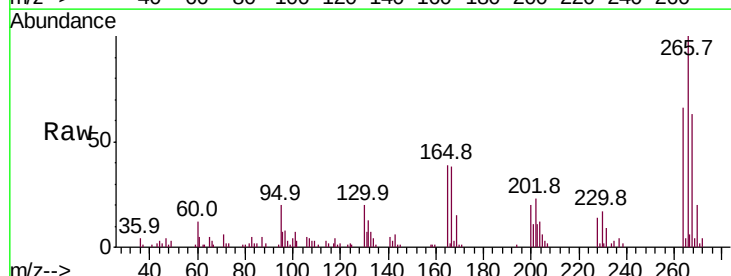
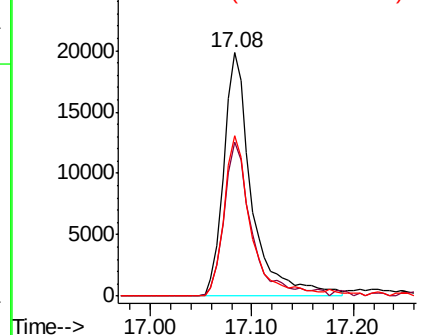
Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.9	55.0	82.6
264	70.0	56.7	85.1

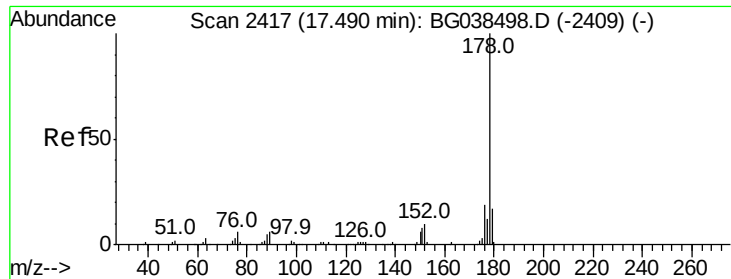
Abundance

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: 46.510 ng

RT: 17.48 min Scan# 2449

Delta R.T. -0.01 min

Lab File: BG038909.D

Acq: 3 Jan 2019 18:43

Instrument :

BNA_G

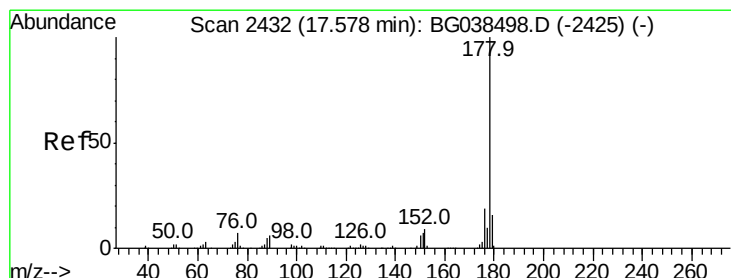
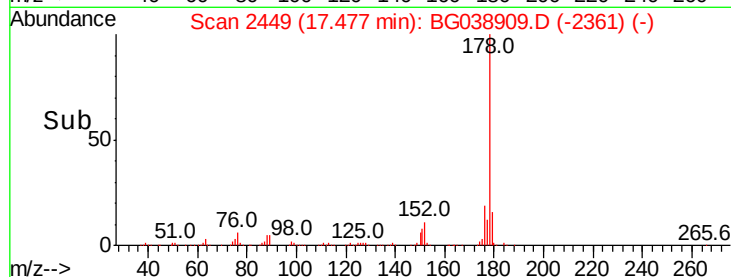
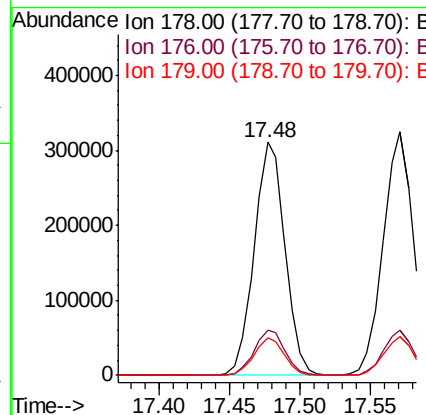
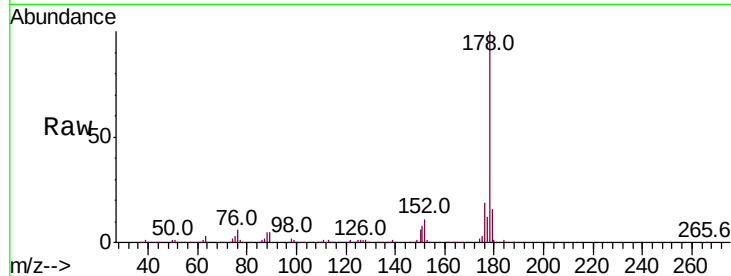
ClientSampleId :

AU-05-010219-AMS

Tot Ion:178	Resp:	476584
Ion Ratio	Lower	Upper
178	100	
176	19.3	15.1 22.7
179	15.9	13.2 19.8

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#72

Anthracene

Concen: 47.862 ng

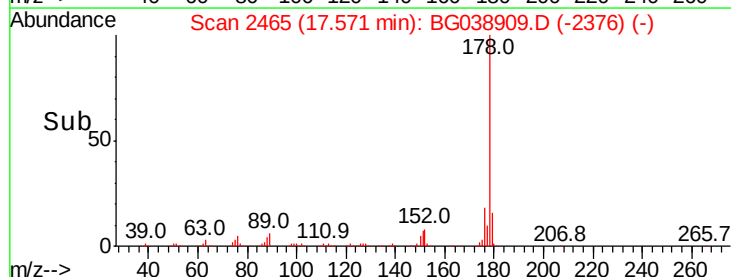
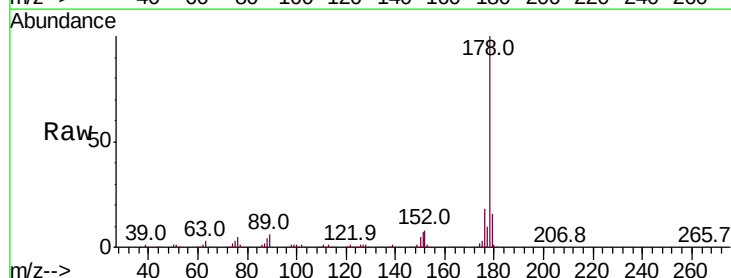
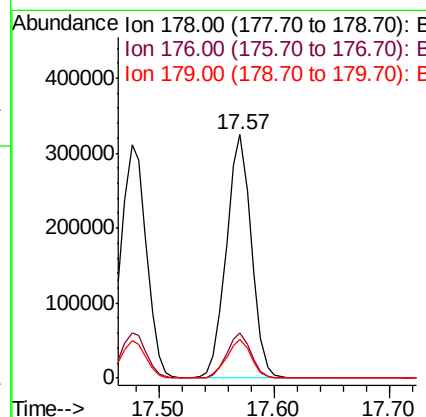
RT: 17.57 min Scan# 2465

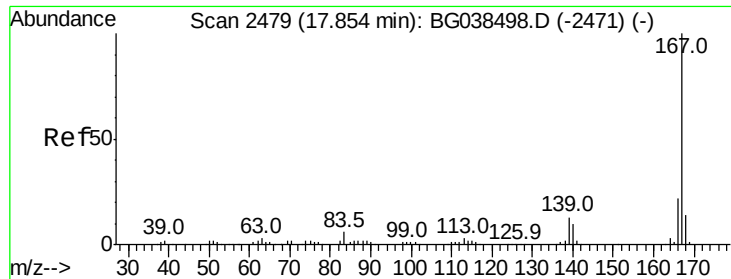
Delta R.T. -0.01 min

Lab File: BG038909.D

Acq: 3 Jan 2019 18:43

Tgt Ion:178	Resp:	484175
Ion Ratio	Lower	Upper
178	100	
176	18.5	15.1 22.7
179	16.2	12.9 19.3





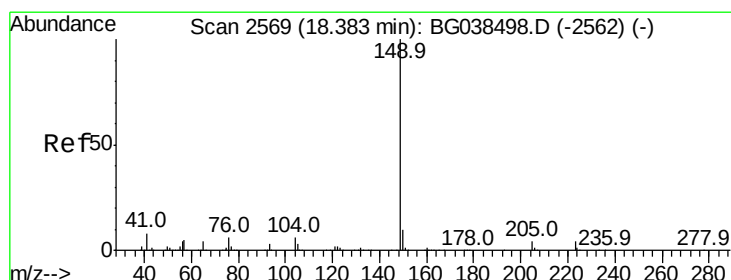
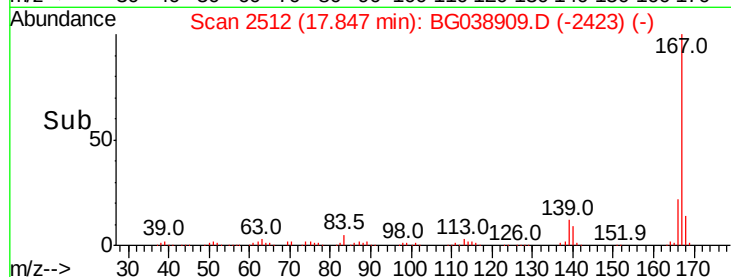
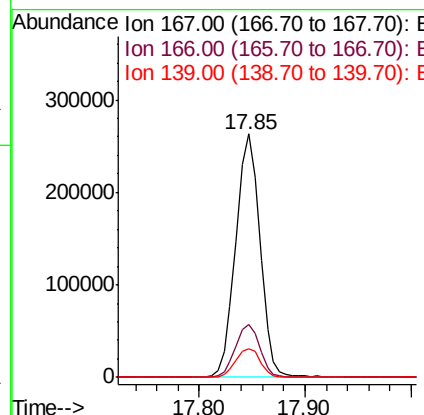
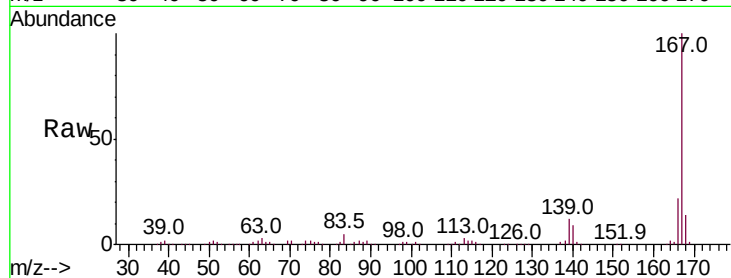
#73
 Carbazole
 Concen: 41.757 ng
 RT: 17.85 min Scan# 2512
 Delta R.T. -0.01 min
 Lab File: BG038909.D
 Acq: 3 Jan 2019 18:43

Instrument :
 BNA_G
 ClientSampleId :
 AU-05-010219-AMS

Tot Ion	Ratio	Resp	Lower	Upper
167	100			
166	21.6	17.9	26.9	
139	11.8	10.2	15.2	

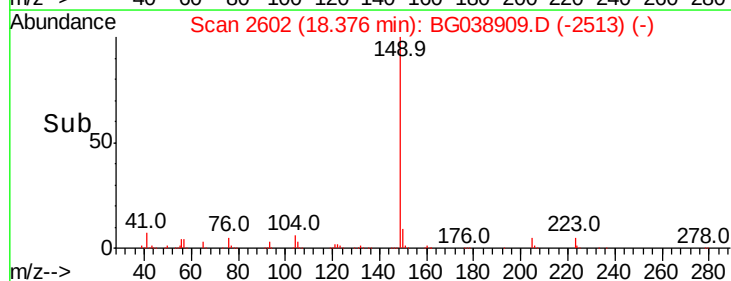
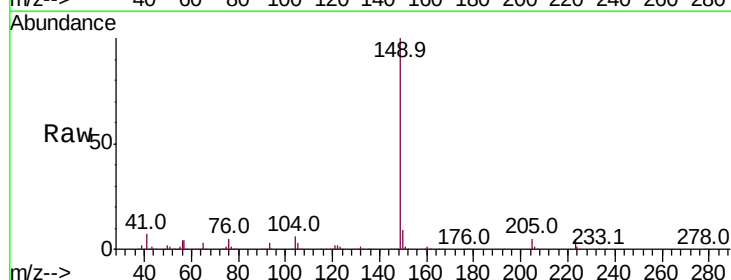
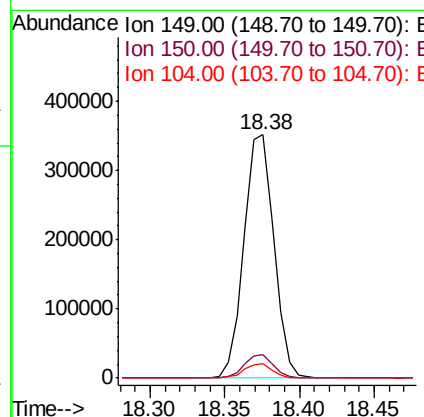
Manual Integrations
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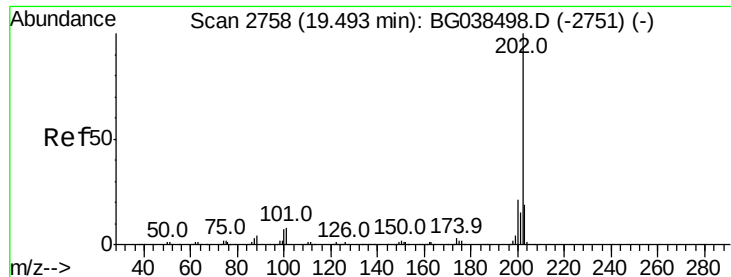
Sohil
 1/4/2019 11:21:14 AM



#74
 Di-n-butylphthalate
 Concen: 42.630 ng
 RT: 18.38 min Scan# 2602
 Delta R.T. -0.01 min
 Lab File: BG038909.D
 Acq: 3 Jan 2019 18:43

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.4	7.6	11.4	
104	5.7	5.0	7.4	





#75

Fluoranthene

Concen: 46.242 ng

RT: 19.49 min Scan# 2791

Delta R.T. -0.01 min

Lab File: BG038909.D

Acq: 3 Jan 2019 18:43

Instrument :

BNA_G

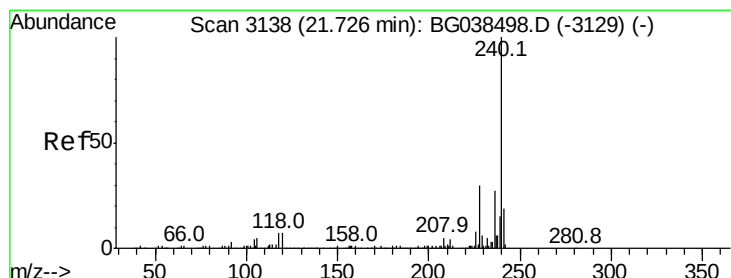
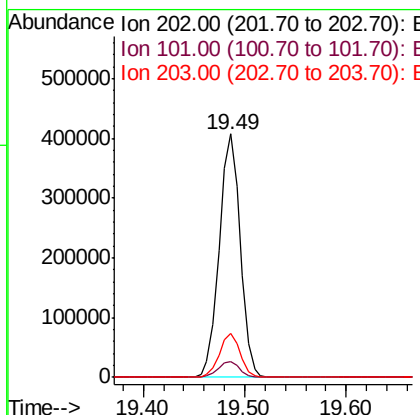
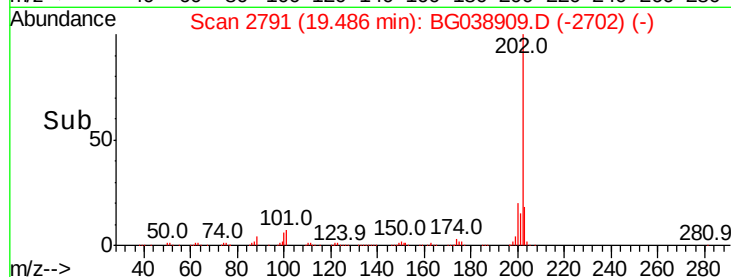
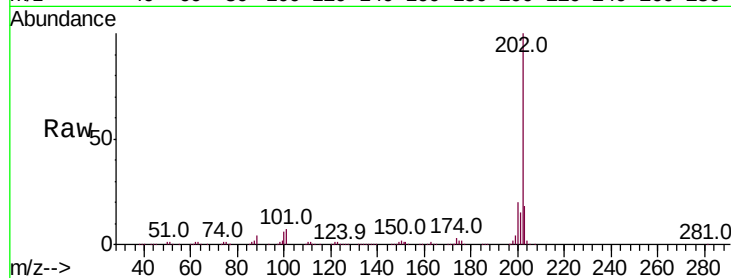
ClientSampleId :

AU-05-010219-AMS

Tot Ion:	202	Resp:	586269
Ion Ratio	Lower	Upper	
202	100		
101	6.7	0.0	28.1
203	17.8	0.0	39.0

Manual Integrations
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Sohil
1/4/2019 11:21:14 AM



#76

Chrysene-d12

Concen: 20.000 ng

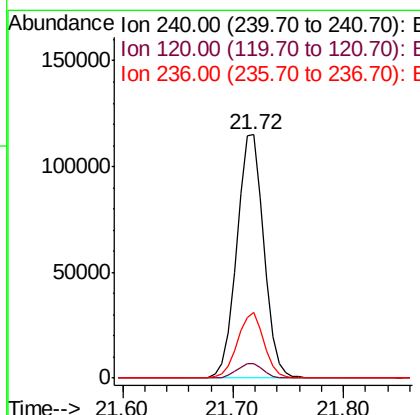
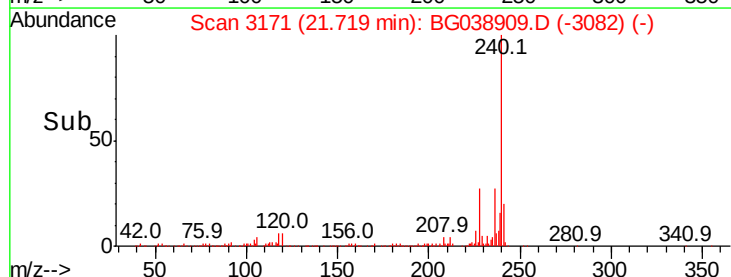
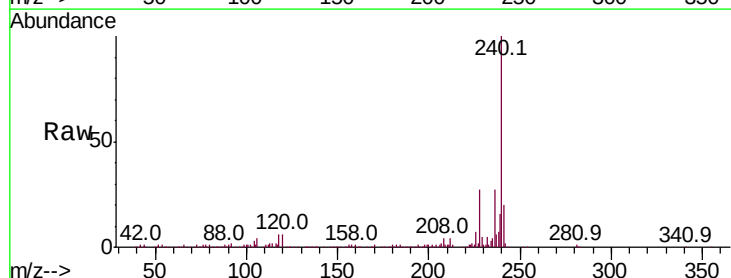
RT: 21.72 min Scan# 3171

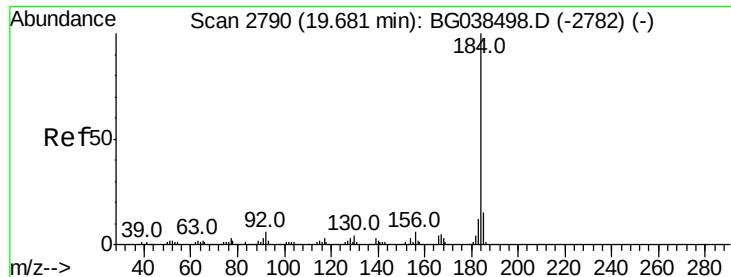
Delta R.T. -0.01 min

Lab File: BG038909.D

Acq: 3 Jan 2019 18:43

Tgt Ion:	240	Resp:	198465
Ion Ratio	Lower	Upper	
240	100		
120	6.1	5.3	7.9
236	27.2	21.4	32.2





#77

Benzidine

Concen: 31.184 ng

RT: 19.67 min Scan# 2823

Delta R.T. -0.01 min

Lab File: BG038909.D

Acq: 3 Jan 2019 18:43

Instrument :

BNA_G

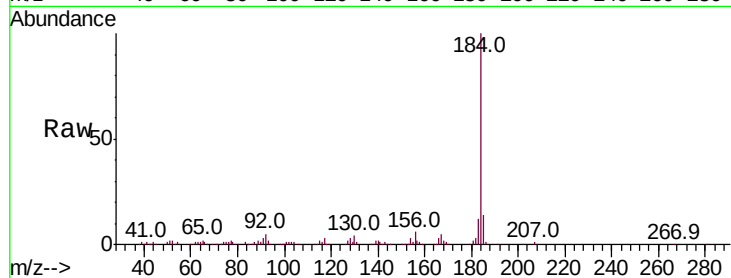
ClientSampleId :

AU-05-010219-AMS

Tot Ion:	184	Resp:	183034
Ion Ratio	Lower	Upper	
184	100		
185	13.5	12.2	18.2
183	11.7	9.6	14.4

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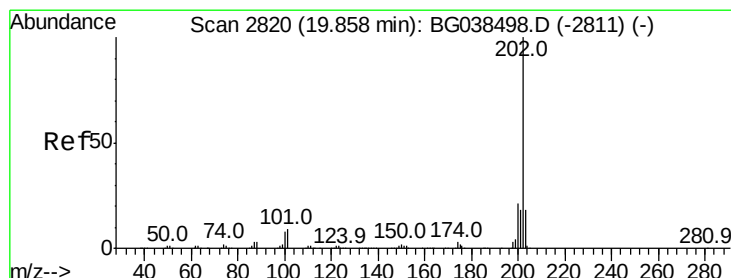
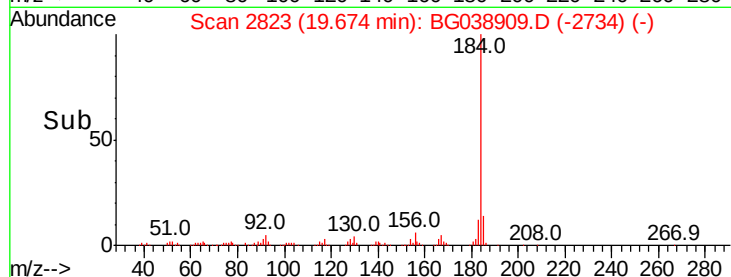
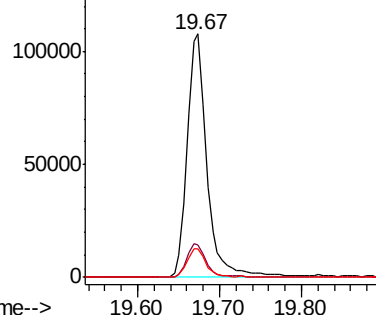


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 44.586 ng

RT: 19.85 min Scan# 2853

Delta R.T. -0.01 min

Lab File: BG038909.D

Acq: 3 Jan 2019 18:43

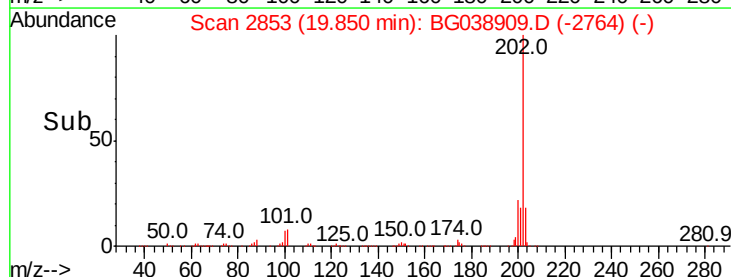
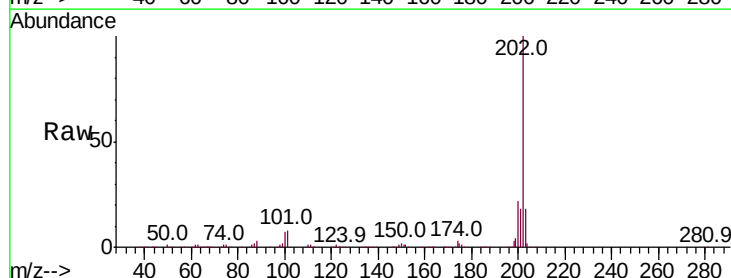
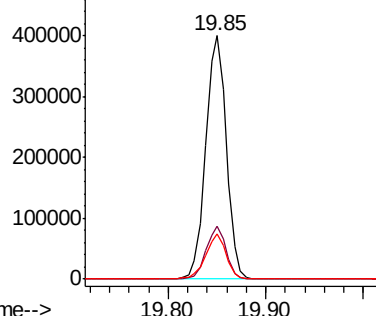
Tgt Ion:	202	Resp:	584570
Ion Ratio	Lower	Upper	
202	100		
200	21.7	16.6	25.0
203	18.4	14.6	21.8

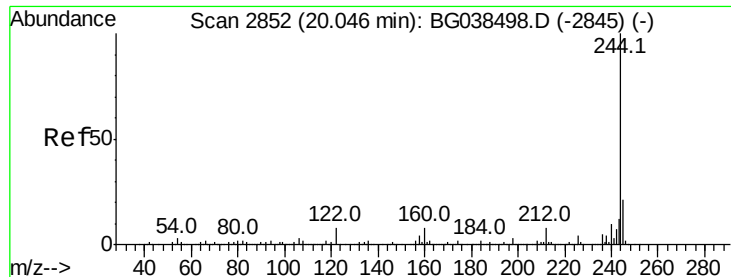
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 99.137 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG038909.D

Acq: 3 Jan 2019 18:43

Instrument :

BNA_G

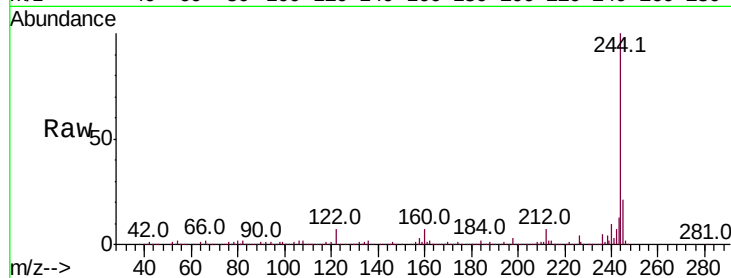
ClientSampleId :

AU-05-010219-AMS

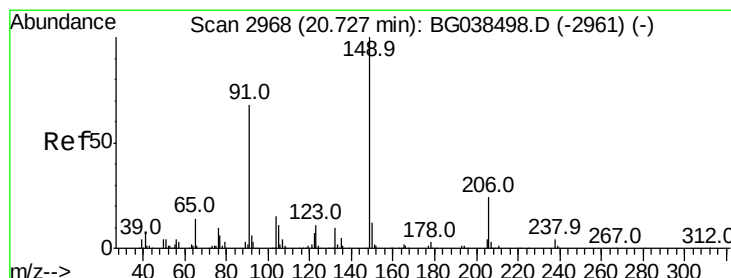
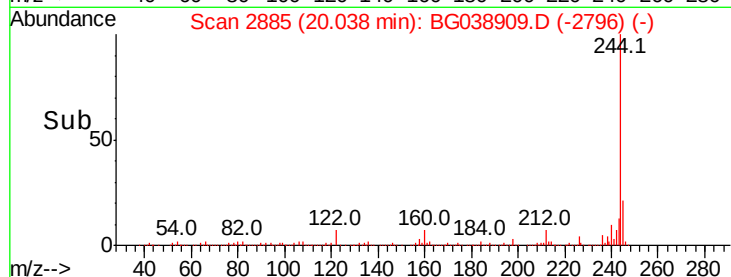
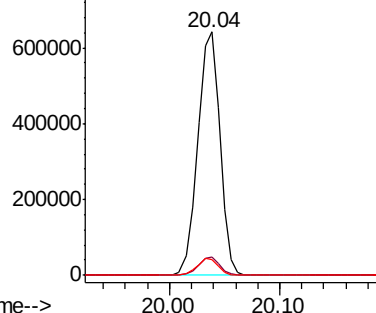
Tot Ion:	244	Resp:	904056
Ion Ratio		Lower	Upper
244	100		
212	7.5	6.2	9.2
122	6.6	6.3	9.5

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



#80

Butylbenzylphthalate

Concen: 42.030 ng

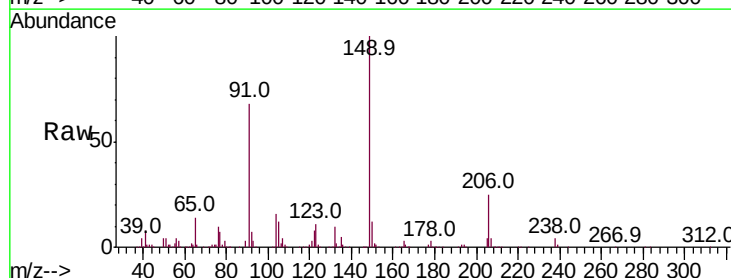
RT: 20.71 min Scan# 3000

Delta R.T. -0.01 min

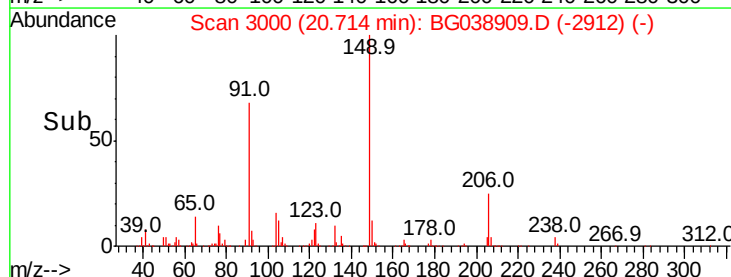
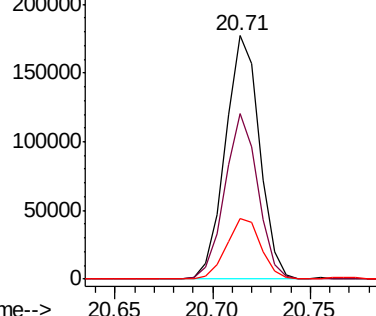
Lab File: BG038909.D

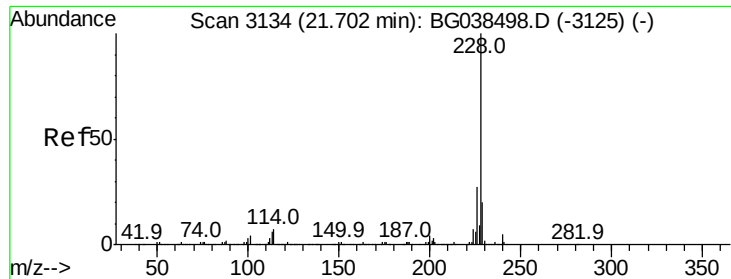
Acq: 3 Jan 2019 18:43

Tgt Ion:	149	Resp:	215296
Ion Ratio		Lower	Upper
149	100		
91	67.8	54.5	81.7
206	24.9	19.0	28.6



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





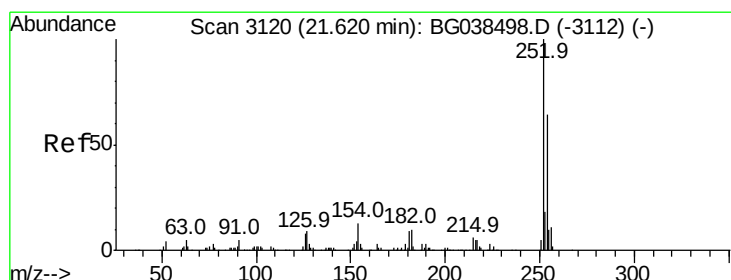
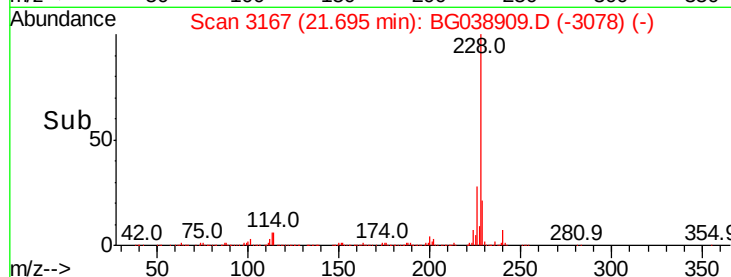
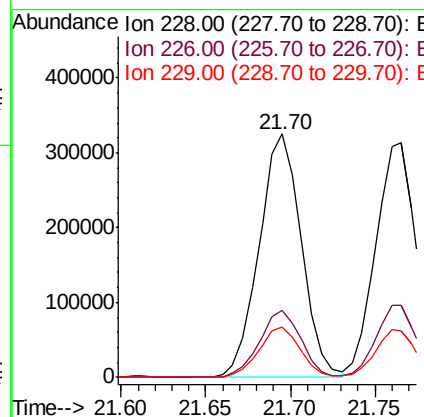
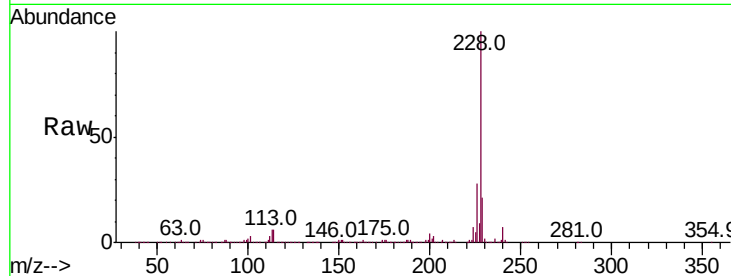
#81
Benzo(a)anthracene
Concen: 46.689 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.01 min
Lab File: BG038909.D
Acq: 3 Jan 2019 18:43

Instrument :
BNA_G
ClientSampleId :
AU-05-010219-AMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.8	32.8
229	20.7	15.8	23.6

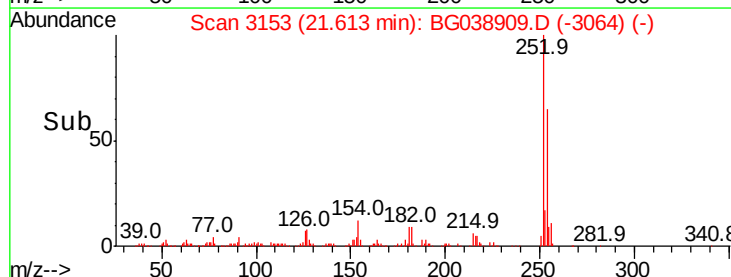
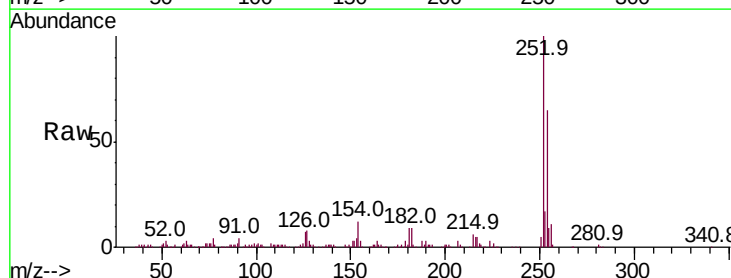
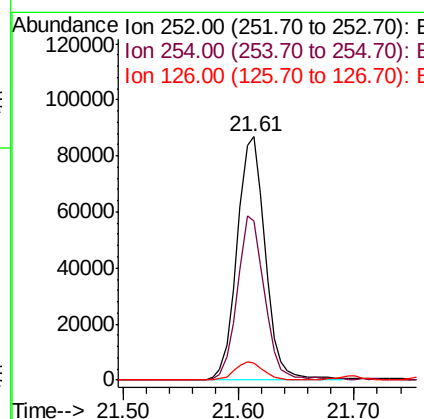
Manual Integrations
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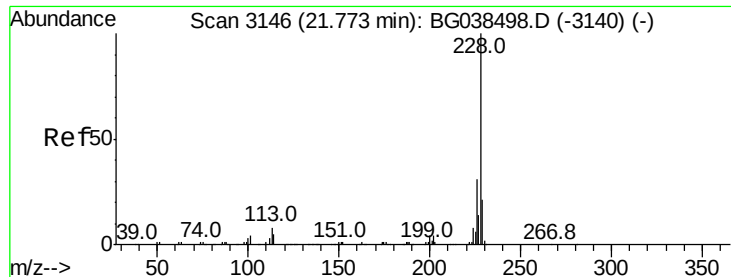
Sohil
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#82
3,3'-Dichlorobenzidine
Concen: 30.701 ng
RT: 21.61 min Scan# 3153
Delta R.T. -0.01 min
Lab File: BG038909.D
Acq: 3 Jan 2019 18:43

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.2	50.9	76.3
126	7.0	6.3	9.5





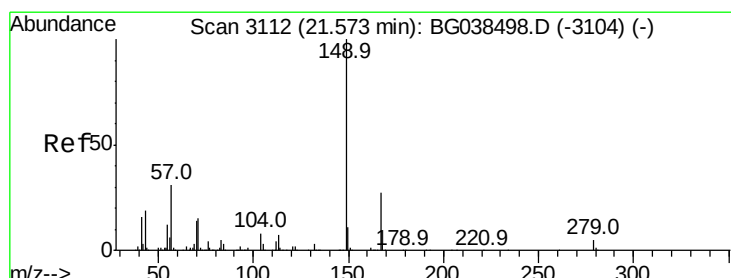
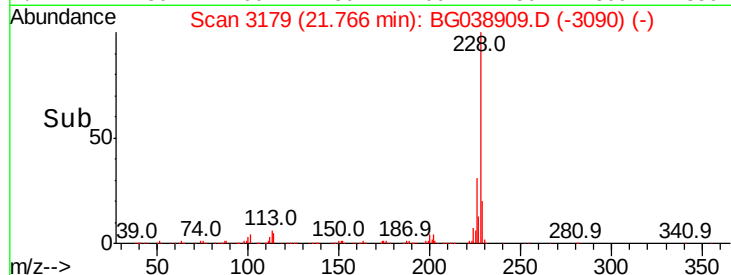
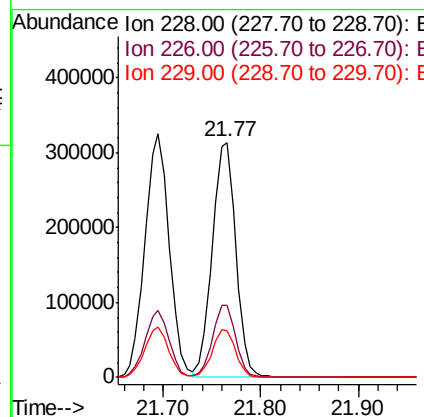
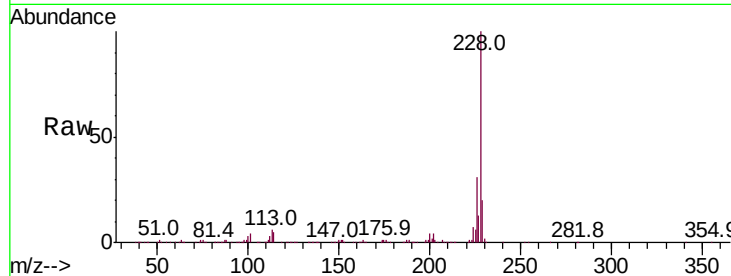
#83
 Chrysene
 Concen: 45.012 ng
 RT: 21.77 min Scan# 3179
 Delta R.T. -0.01 min
 Lab File: BG038909.D
 Acq: 3 Jan 2019 18:43

Instrument :
 BNA_G
 ClientSampleId :
 AU-05-010219-AMS

Tot Ion:	228	Resp:	524315
Ion Ratio	Lower	Upper	
228	100		
226	30.6	25.0	37.4
229	19.7	16.5	24.7

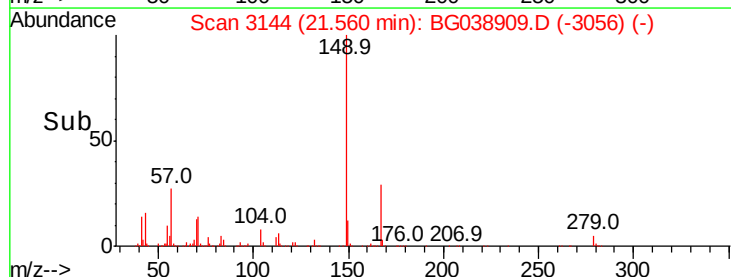
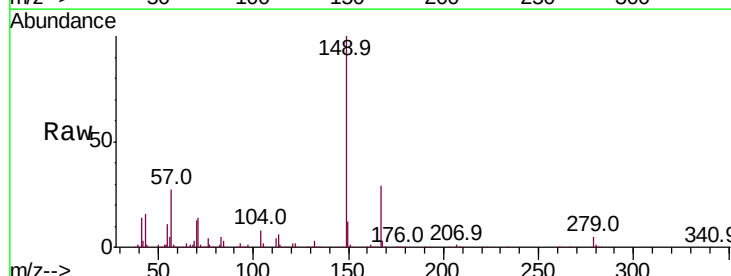
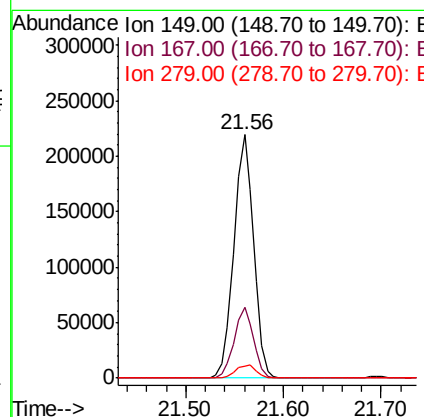
Manual Integrations
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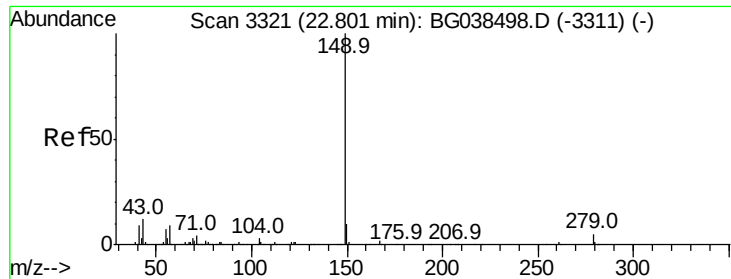
Sohil
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.404 ng
 RT: 21.56 min Scan# 3144
 Delta R.T. -0.01 min
 Lab File: BG038909.D
 Acq: 3 Jan 2019 18:43

Tgt Ion:	149	Resp:	308064
Ion Ratio	Lower	Upper	
149	100		
167	29.2	21.9	32.9
279	5.2	4.2	6.2





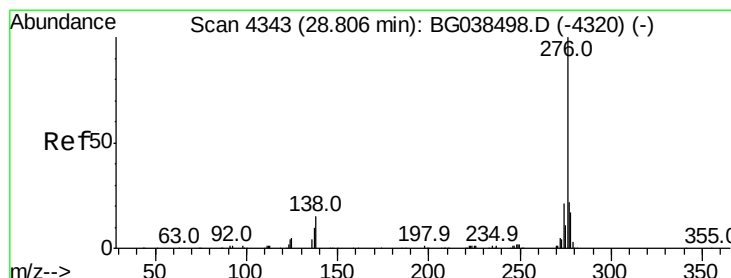
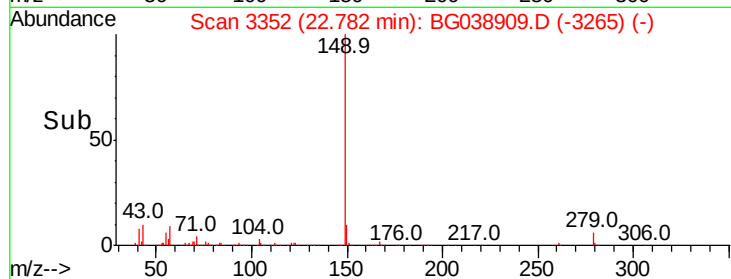
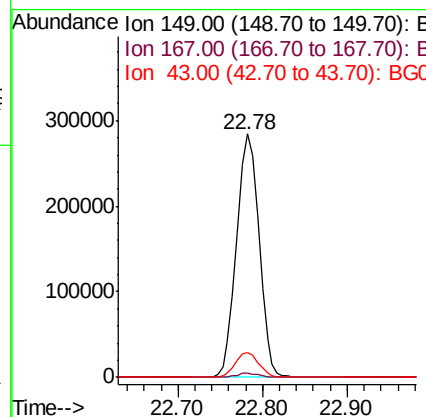
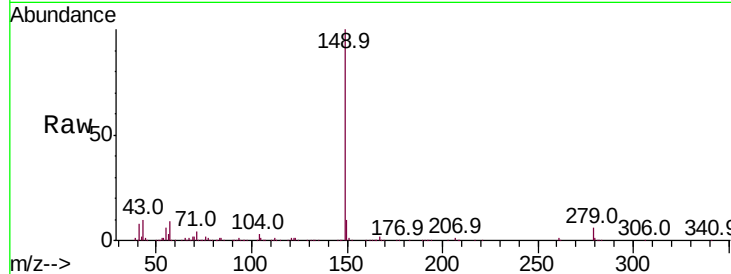
#85
Di-n-octyl phthalate
Concen: 42.927 ng
RT: 22.78 min Scan# 3352
Delta R.T. -0.02 min
Lab File: BG038909.D
Acq: 3 Jan 2019 18:43

Instrument :
BNA_G
ClientSampleId :
AU-05-010219-AMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	522292		
167	1.7		1.2	1.8
43	10.2		9.3	13.9

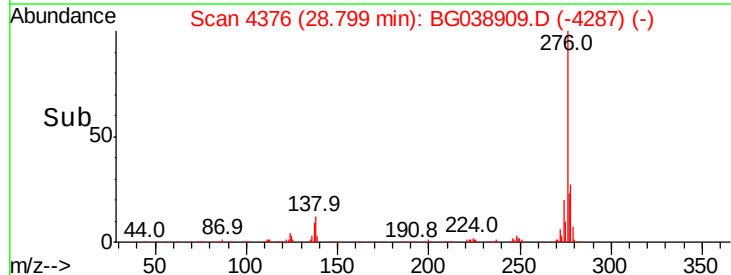
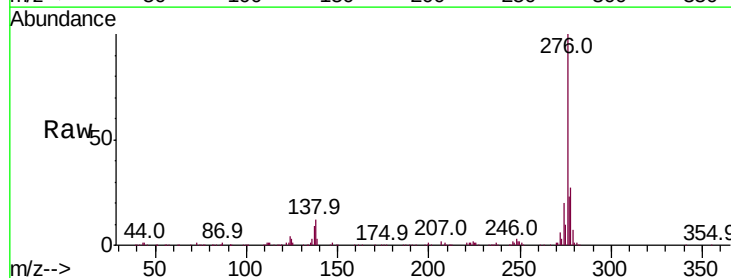
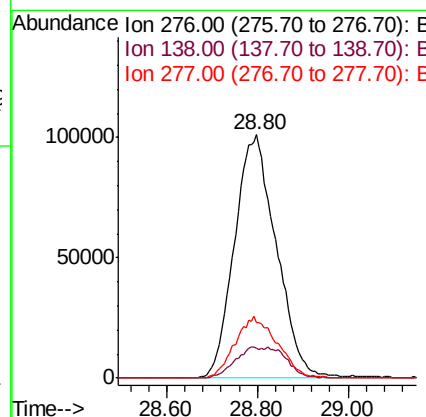
Manual Integrations
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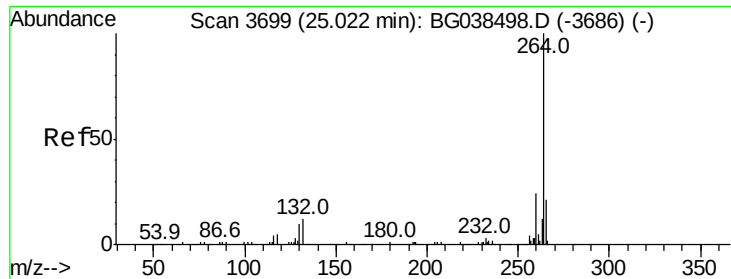
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 47.147 ng
RT: 28.80 min Scan# 4376
Delta R.T. -0.01 min
Lab File: BG038909.D
Acq: 3 Jan 2019 18:43

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	645660		
138	7.5		14.4	21.6#
277	25.3		0.0	0.0#





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.00 min Scan# 3730

Delta R.T. -0.02 min

Lab File: BG038909.D

Acq: 3 Jan 2019 18:43

Instrument :

BNA_G

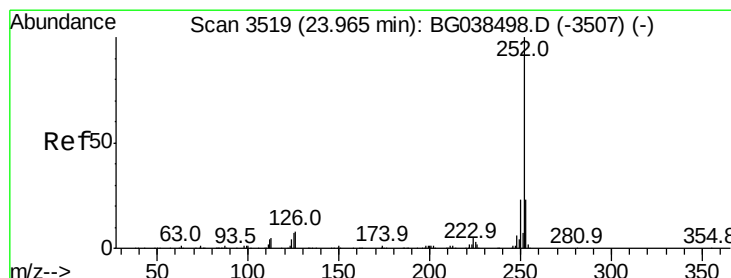
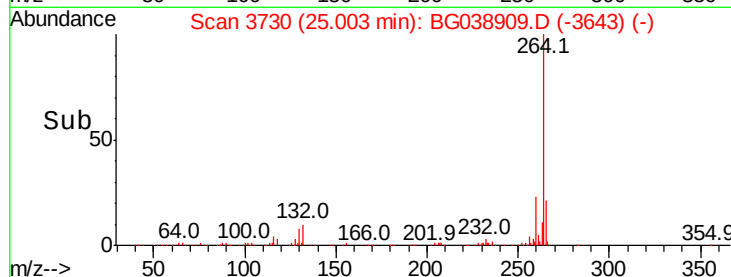
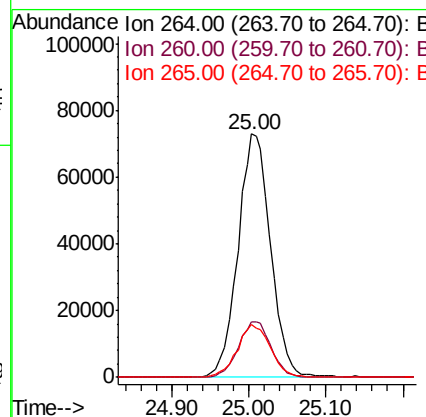
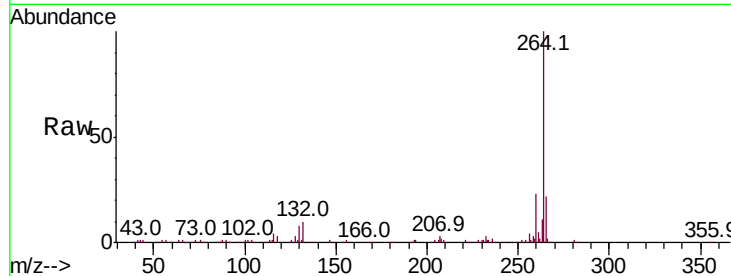
ClientSampleId :

AU-05-010219-AMS

Tot Ion:	264	Resp:	215307
Ion Ratio		Lower	Upper
264	100		
260	22.5	18.9	28.3
265	21.6	17.0	25.4

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 47.444 ng

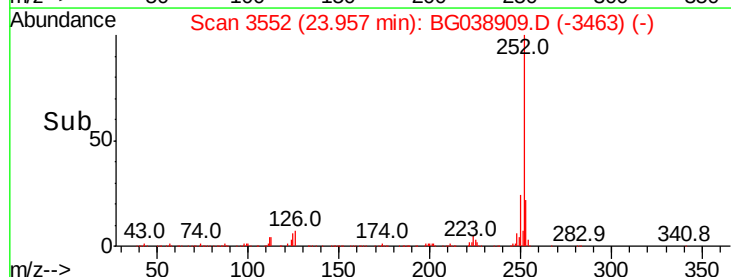
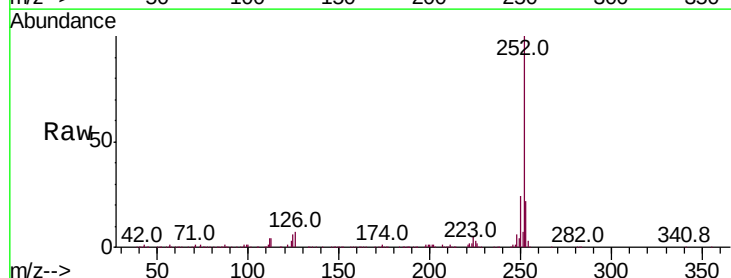
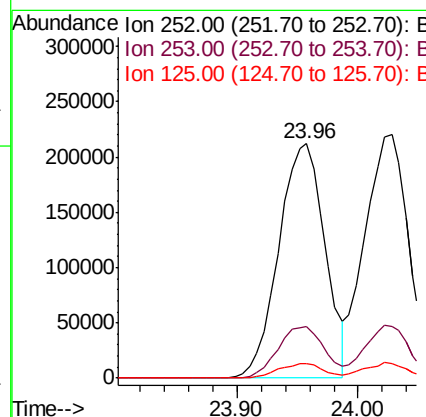
RT: 23.96 min Scan# 3552

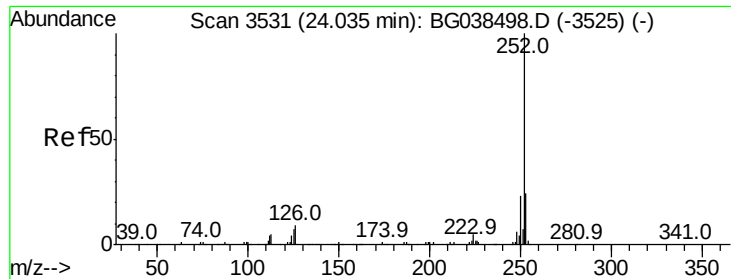
Delta R.T. -0.01 min

Lab File: BG038909.D

Acq: 3 Jan 2019 18:43

Tgt Ion:	252	Resp:	560844
Ion Ratio		Lower	Upper
252	100		
253	21.8	18.1	27.1
125	6.0	5.5	8.3





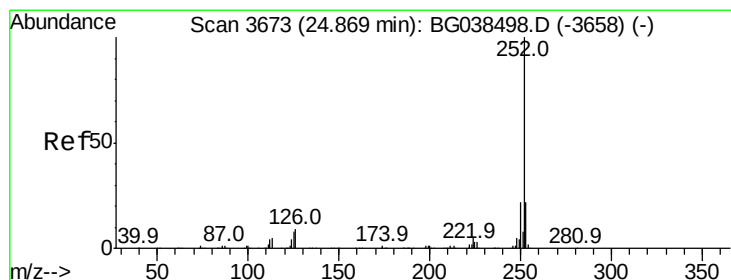
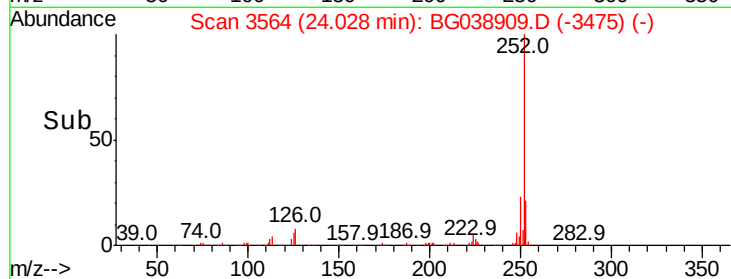
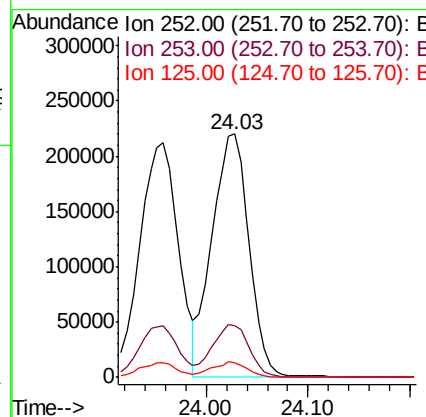
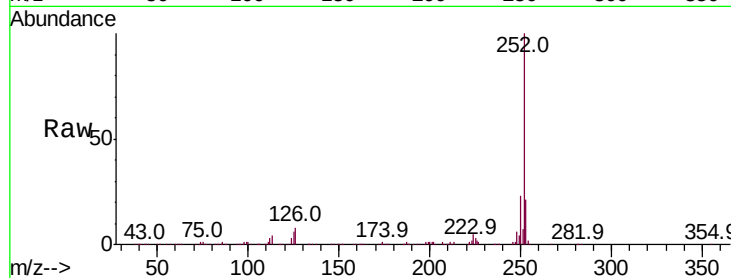
#89
Benzo(k)fluoranthene
Concen: 47.195 ng
RT: 24.03 min Scan# 3564
Delta R.T. -0.01 min
Lab File: BG038909.D
Acq: 3 Jan 2019 18:43

Instrument :
BNA_G
ClientSampleId :
AU-05-010219-AMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.0	18.9	28.3
125	6.0	5.4	8.2

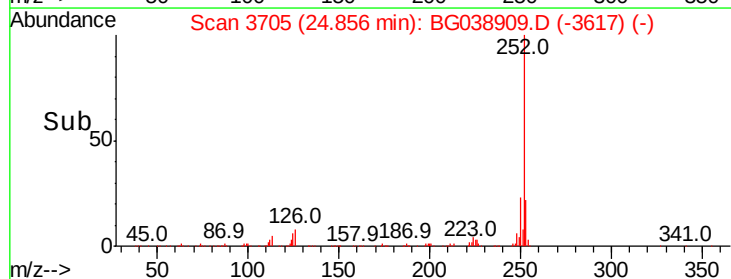
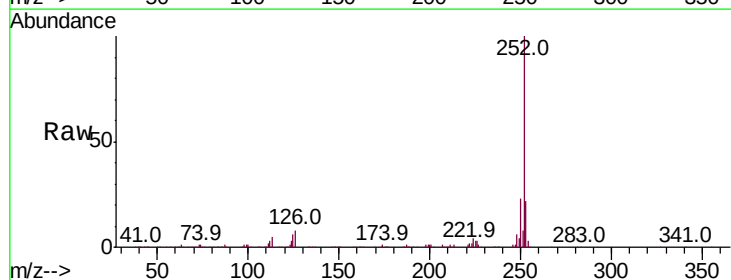
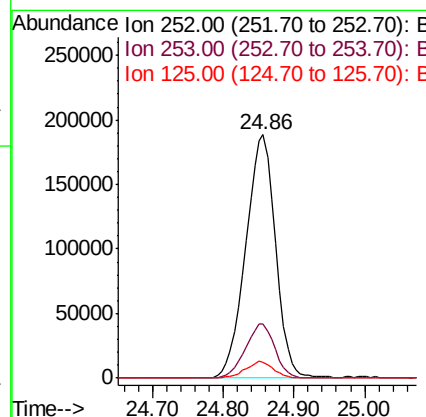
Manual Integrations
APPROVED

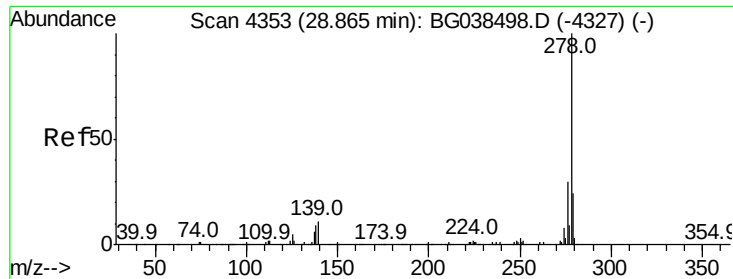
Sohil
1/4/2019 11:21:14 AM



#90
Benzo(a)pyrene
Concen: 48.540 ng
RT: 24.86 min Scan# 3705
Delta R.T. -0.01 min
Lab File: BG038909.D
Acq: 3 Jan 2019 18:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.0
125	6.3	6.4	9.6





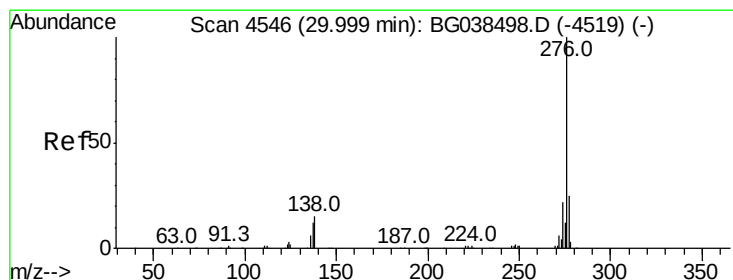
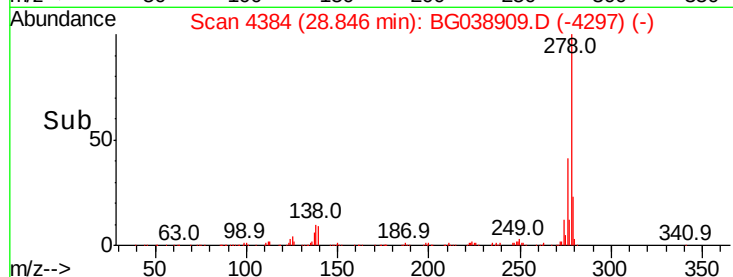
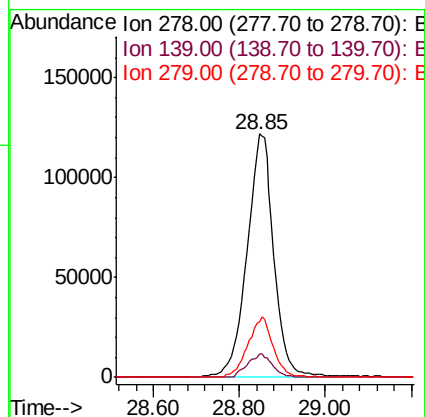
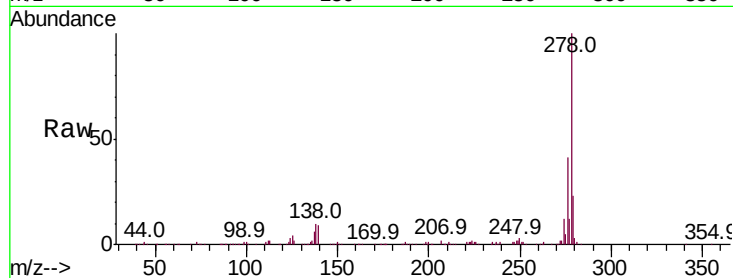
#91
Dibenzo(a,h)anthracene
Concen: 47.330 ng
RT: 28.85 min Scan# 4384
Delta R.T. -0.02 min
Lab File: BG038909.D
Acq: 3 Jan 2019 18:43

Instrument :
BNA_G
ClientSampleId :
AU-05-010219-AMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.4	8.6	12.8
279	22.9	19.0	28.6

Manual Integrations
APPROVED

Sohil
1/4/2019 11:21:14 AM



#92
Benzo(g,h,i)perylene
Concen: 48.303 ng
RT: 29.98 min Scan# 4577
Delta R.T. -0.02 min
Lab File: BG038909.D
Acq: 3 Jan 2019 18:43

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.8	29.8
138	13.0	11.8	17.6

