

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112018\
 Data File : BG038102.D
 Acq On : 21 Nov 2018 3:19
 Operator : JU/SJ
 Sample : J5763-02MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-111918-AMS

Manual Integrations
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 11/21/2018 3:23:20 PM

Quant Time: Nov 21 04:16:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	46598	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	197208	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	119868	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	276261	20.00	ng	0.00
76) Chrysene-d12	21.75	240	255479	20.00	ng	0.00
87) Perylene-d12	25.07	264	276321	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	310494	115.05	ng	0.00
7) Phenol-d6	7.24	99	394787	102.48	ng	0.00
23) Nitrobenzene-d5	9.26	82	299876	81.40	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	161936	118.46	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	647605	78.71	ng	0.00
79) Terphenyl-d14	20.07	244	1004947	92.56	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	42685	33.484	ng	# 1
3) Pyridine	3.93	79	90231	24.813	ng	98
4) n-Nitrosodimethylamine	3.85	42	63391	48.049	ng	95
6) Aniline	7.41	93	65787	13.231	ng	97
8) 2-Chlorophenol	7.65	128	146929	46.918	ng	97
9) Benzaldehyde	7.23	77	54022	19.390	ng	97
10) Phenol	7.26	94	158123	38.750	ng	96
11) bis(2-Chloroethyl)ether	7.51	93	144805	43.467	ng	98
12) 1,3-Dichlorobenzene	7.97	146	132748	36.796	ng	97
13) 1,4-Dichlorobenzene	8.12	146	136505	37.457	ng	100
14) 1,2-Dichlorobenzene	8.44	146	130295	37.448	ng	100
15) Benzyl Alcohol	8.33	79	129337	46.397	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.61	45	278700	45.053	ng	98
17) 2-Methylphenol	8.52	107	127614	46.256	ng	97
18) Hexachloroethane	9.16	117	47789	36.032	ng	97
19) n-Nitroso-di-n-propylamine	8.89	70	120132	43.095	ng	99
20) 3+4-Methylphenols	8.85	107	173662	44.404	ng	99
22) Acetophenone	8.92	105	224165	45.686	ng	# 100
24) Nitrobenzene	9.30	77	177588	47.123	ng	97
25) Isophorone	9.82	82	336666	50.772	ng	97
26) 2-Nitrophenol	10.02	139	85648	45.524	ng	96
27) 2,4-Dimethylphenol	10.06	122	151734	53.528	ng	99
28) bis(2-Chloroethoxy)methane	10.30	93	203242	47.933	ng	100
29) 2,4-Dichlorophenol	10.54	162	155859	48.882	ng	96
30) 1,2,4-Trichlorobenzene	10.76	180	149628	41.878	ng	98
31) Naphthalene	10.96	128	447778	46.164	ng	99
32) Benzoic acid	10.16	122	24524m	22.317	ng	
33) 4-Chloroaniline	11.07	127	16923	3.751	ng	97
34) Hexachlorobutadiene	11.22	225	85476	38.871	ng	97
35) Caprolactam	11.85	113	38979	30.542	ng	91
36) 4-Chloro-3-methylphenol	12.18	107	168554	48.388	ng	97
37) 2-Methylnaphthalene	12.55	142	340176	48.824	ng	97
38) 1-Methylnaphthalene	12.78	142	321073	47.875	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	175073	43.709	ng	99

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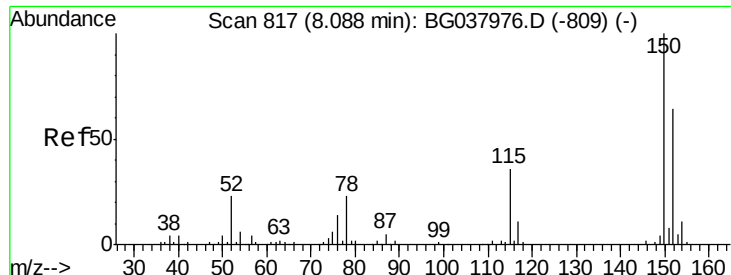
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	187001	87.187	ng	96
43) 2,4,6-Trichlorophenol	13.15	196	127840	46.837	ng	99
44) 2,4,5-Trichlorophenol	13.23	196	137702	47.948	ng	97
46) 1,1'-Biphenyl	13.55	154	434882	43.185	ng	99
47) 2-Chloronaphthalene	13.61	162	341364	44.423	ng	99
48) 2-Nitroaniline	13.82	65	122419	50.617	ng	99
49) Acenaphthylene	14.45	152	569415	49.276	ng	100
50) Dimethylphthalate	14.18	163	448991	47.248	ng	98
51) 2,6-Dinitrotoluene	14.30	165	104409	48.545	ng	97
52) Acenaphthene	14.79	154	330098	47.450	ng	98
53) 3-Nitroaniline	14.63	138	40813	17.197	ng	# 94
54) 2,4-Dinitrophenol	14.84	184	30943	32.848	ng	97
55) Dibenzofuran	15.12	168	533190	46.351	ng	98
56) 4-Nitrophenol	14.93	139	119600	65.341	ng	99
57) 2,4-Dinitrotoluene	15.09	165	143723	49.114	ng	99
58) Fluorene	15.77	166	430823	50.196	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.34	232	113525	47.241	ng	97
60) Diethylphthalate	15.53	149	463169	45.888	ng	99
61) 4-Chlorophenyl-phenylether	15.76	204	223270	44.457	ng	99
62) 4-Nitroaniline	15.80	138	106410	45.135	ng	96
63) Azobenzene	16.05	77	430493	47.702	ng	99
65) 4,6-Dinitro-2-methylphenol	15.84	198	37183	21.280	ng	93
66) n-Nitrosodiphenylamine	15.97	169	389422	46.595	ng	99
67) 4-Bromophenyl-phenylether	16.65	248	139640	46.052	ng	97
68) Hexachlorobenzene	16.77	284	145375	46.448	ng	97
69) Atrazine	16.91	200	141466	45.917	ng	99
70) Pentachlorophenol	17.11	266	91211	42.909	ng	97
71) Phenanthrene	17.51	178	714262	50.499	ng	99
72) Anthracene	17.61	178	719273	51.589	ng	99
73) Carbazole	17.88	167	657916	47.033	ng	99
74) Di-n-butylphthalate	18.41	149	789276	50.264	ng	99
75) Fluoranthene	19.52	202	827952	51.306	ng	99
77) Benzidine	19.70	184	26267	2.930	ng	99
78) Pyrene	19.88	202	842980	50.468	ng	99
80) Butylbenzylphthalate	20.75	149	370718	50.751	ng	99
81) Benzo(a)anthracene	21.74	228	798798	51.740	ng	99
82) 3,3'-Dichlorobenzidine	21.65	252	102875	17.106	ng	97
83) Chrysene	21.80	228	740332	50.119	ng	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	519535	49.873	ng	99
85) Di-n-octyl phthalate	22.84	149	894751	53.092	ng	100
86) Indeno(1,2,3-cd)pyrene	28.89	276	886259	54.021	ng	# 93
88) Benzo(b)fluoranthene	24.01	252	784982	51.623	ng	99
89) Benzo(k)fluoranthene	24.09	252	774902	51.644	ng	99
90) Benzo(a)pyrene	24.92	252	777497	53.502	ng	100
91) Dibenzo(a,h)anthracene	28.95	278	725140	51.861	ng	97
92) Benzo(g,h,i)perylene	30.09	276	702379	50.520	ng	99

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



#1

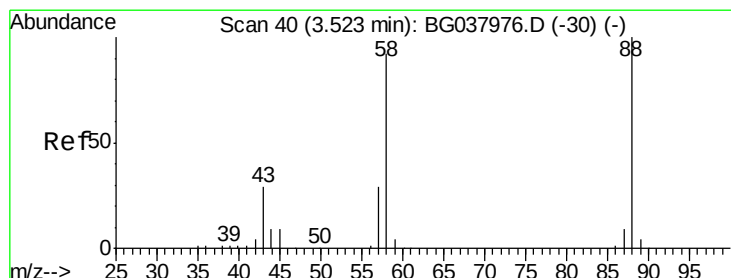
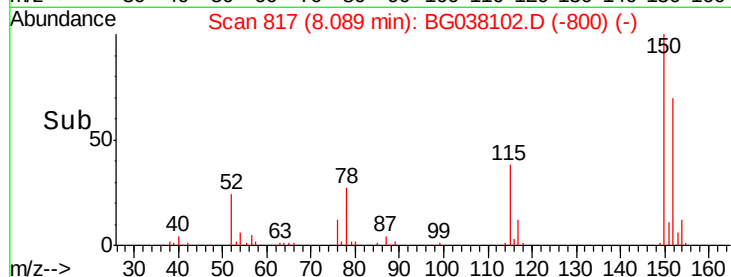
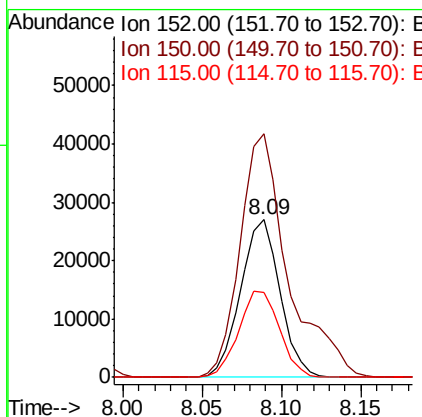
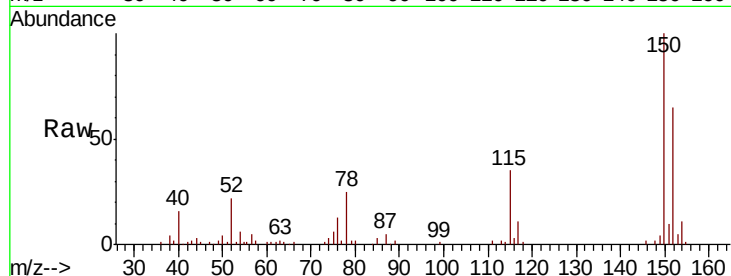
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. 0.00 min
Lab File: BG038102.D
Acq: 21 Nov 2018 3:19

Instrument :
BNA_G
ClientSampleId :
HR-06-111918-AMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	126.0	189.0
115	53.9	45.5	68.3

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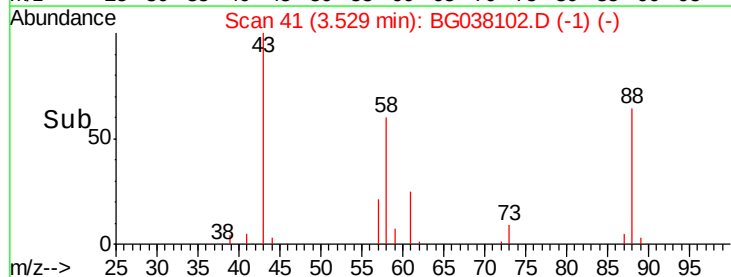
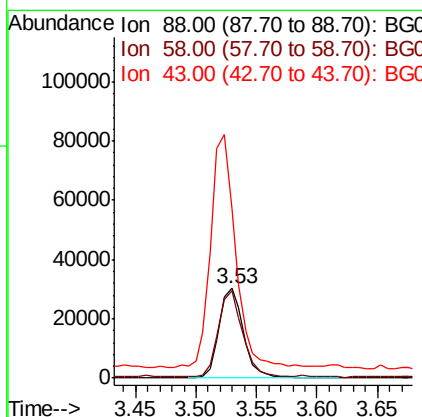
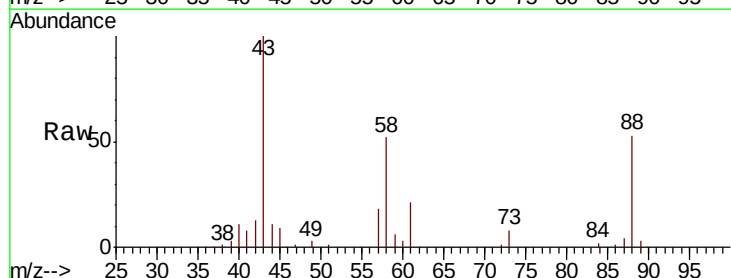
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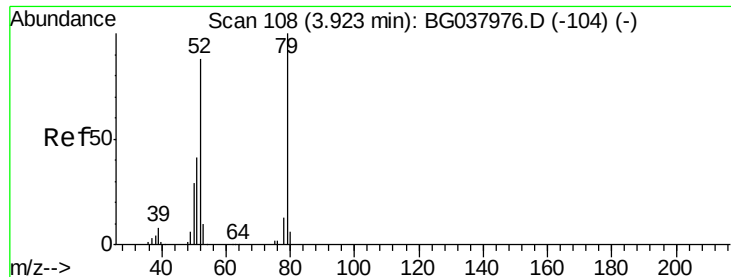


#2

1,4-Dioxane
Concen: 33.484 ng
RT: 3.53 min Scan# 41
Delta R.T. 0.01 min
Lab File: BG038102.D
Acq: 21 Nov 2018 3:19

Tgt Ion	Ratio	Lower	Upper
88	100		
58	93.0	74.4	111.6
43	261.4	25.8	38.8#





#3

Pvridine

Concen: 24.813 ng

RT: 3.93 min Scan# 110

Delta R.T. 0.01 min

Lab File: BG038102.D

Acq: 21 Nov 2018 3:19

Instrument :

BNA_G

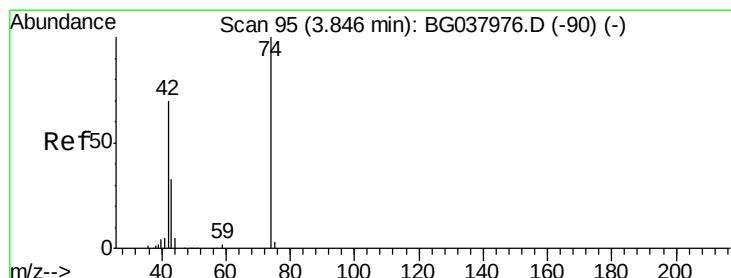
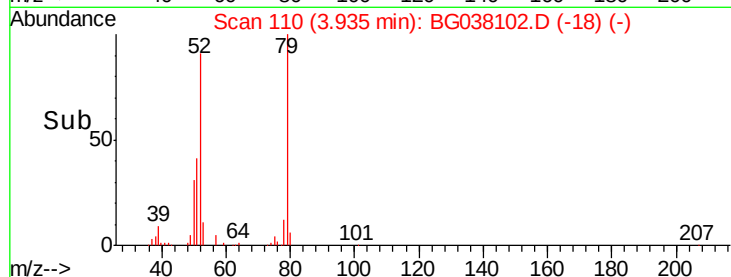
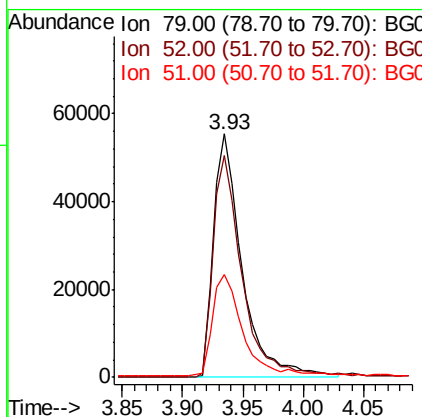
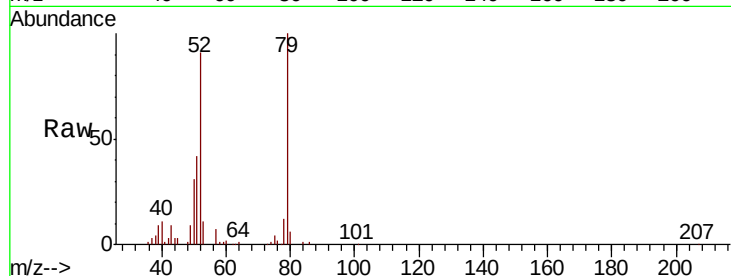
ClientSampleId :

HR-06-111918-AMS

Tot Ion:	79	Resp:	90231
Ion Ratio	Lower	Upper	
79	100		
52	90.9	74.2	111.2
51	42.1	34.6	51.8

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#4

n-Nitrosodimethylamine

Concen: 48.049 ng

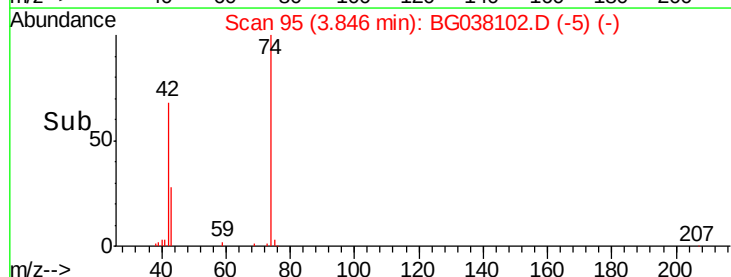
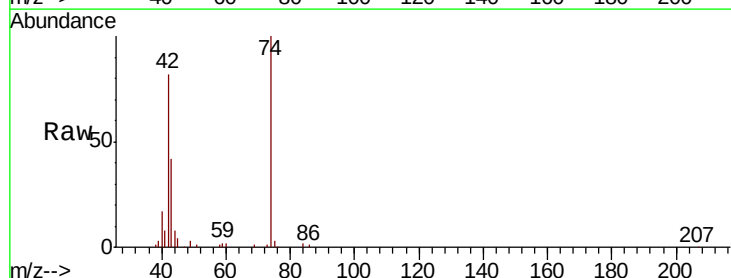
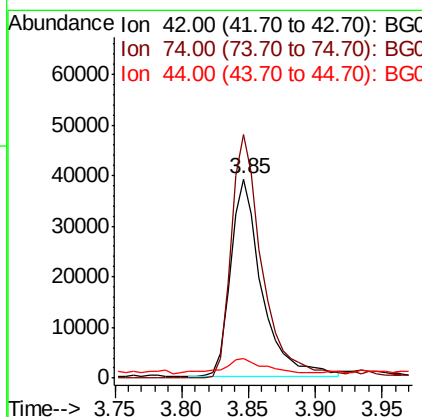
RT: 3.85 min Scan# 95

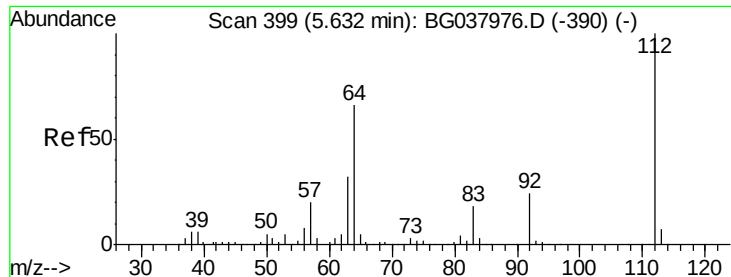
Delta R.T. 0.00 min

Lab File: BG038102.D

Acq: 21 Nov 2018 3:19

Tgt Ion:	42	Resp:	63391
Ion Ratio	Lower	Upper	
42	100		
74	122.3	102.0	153.0
44	10.1	9.6	14.4





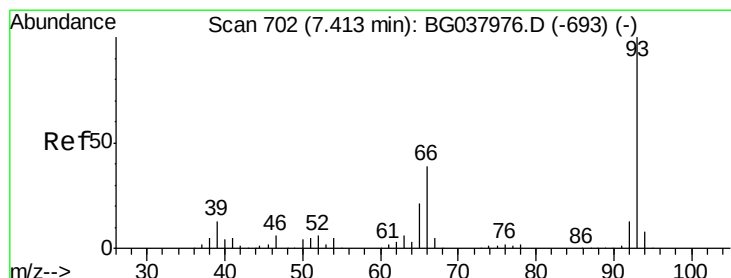
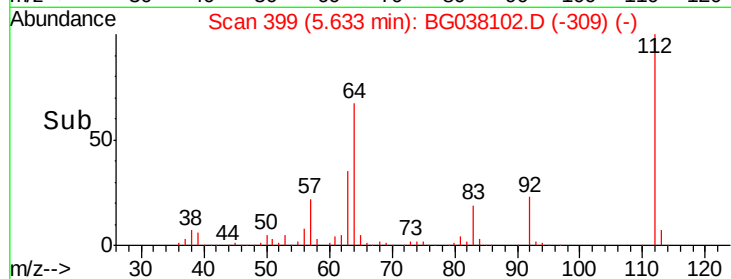
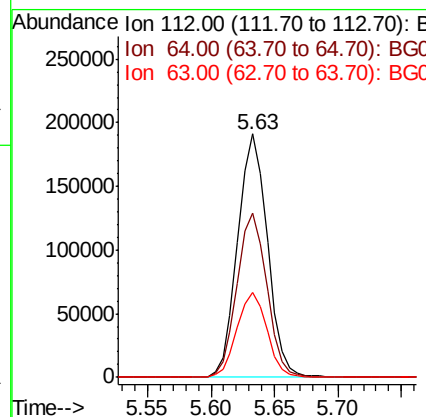
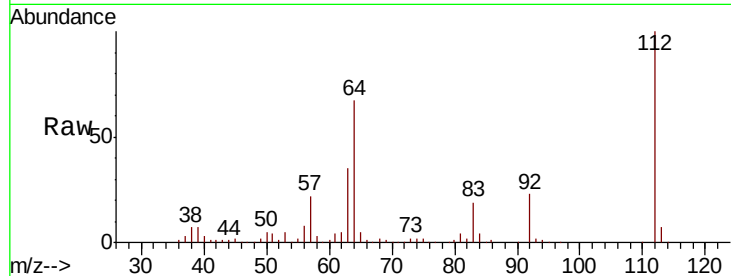
#5
2-Fluorophenol
Concen: 115.045 ng
RT: 5.63 min Scan# 399
Delta R.T. 0.00 min
Lab File: BG038102.D
Acq: 21 Nov 2018 3:19

Instrument :
BNA_G
ClientSampleId :
HR-06-111918-AMS

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	67.2	53.1	79.7
63	34.8	27.3	40.9

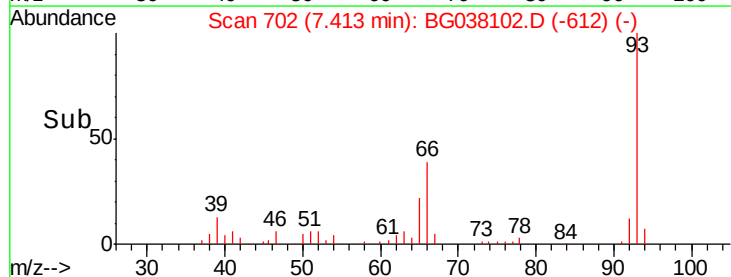
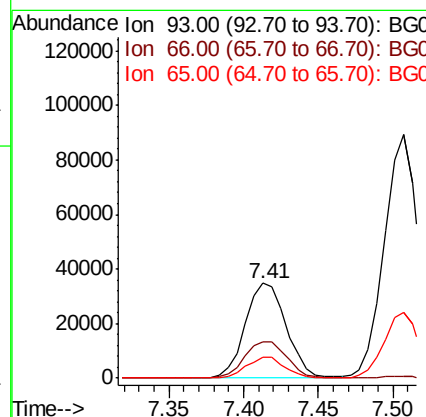
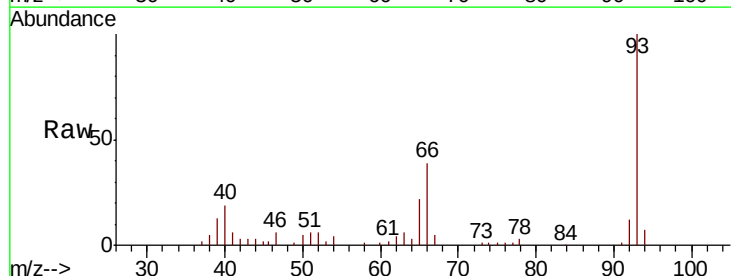
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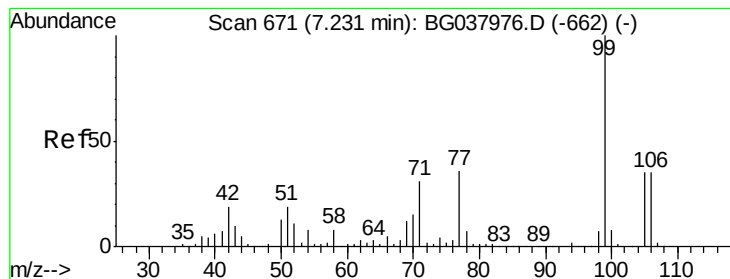
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#6
Aniline
Concen: 13.231 ng
RT: 7.41 min Scan# 702
Delta R.T. 0.00 min
Lab File: BG038102.D
Acq: 21 Nov 2018 3:19

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	38.9	32.8	49.2
65	21.9	16.4	24.6





#7

Phenol-d6

Concen: 102.476 ng

RT: 7.24 min Scan# 672

Delta R.T. 0.01 min

Lab File: BG038102.D

Acq: 21 Nov 2018 3:19

Instrument :

BNA_G

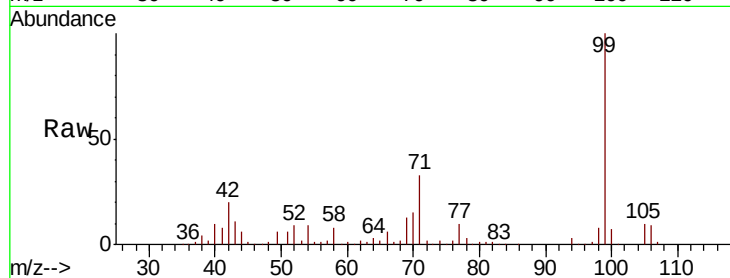
ClientSampleId :

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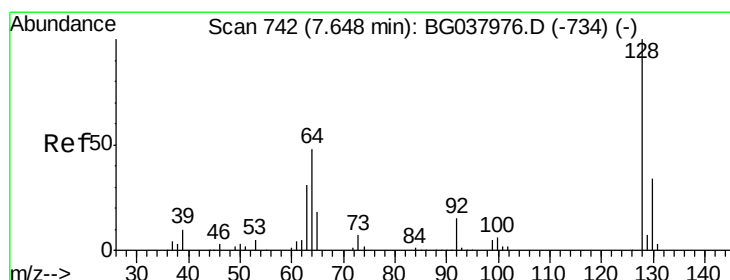
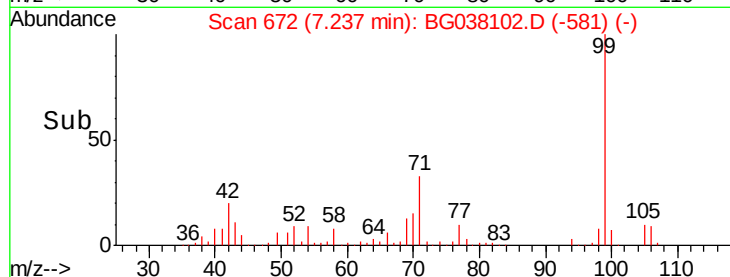
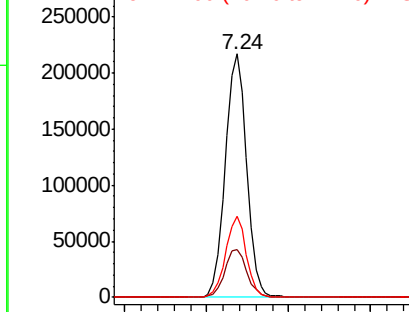
Tot Ion:	99	Resp:	394787
Ion Ratio	Lower	Upper	
99	100		
42	19.9	15.0	22.4
71	33.4	25.5	38.3

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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: 46.918 ng

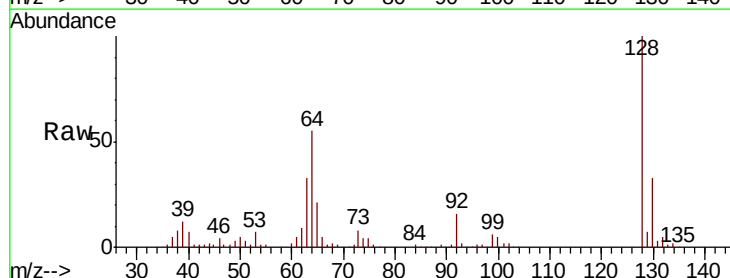
RT: 7.65 min Scan# 742

Delta R.T. 0.00 min

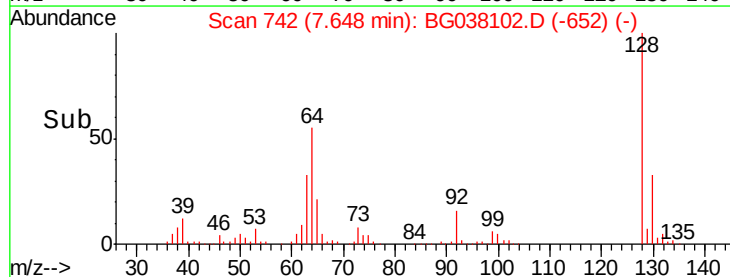
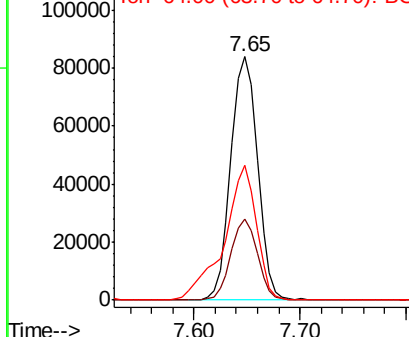
Lab File: BG038102.D

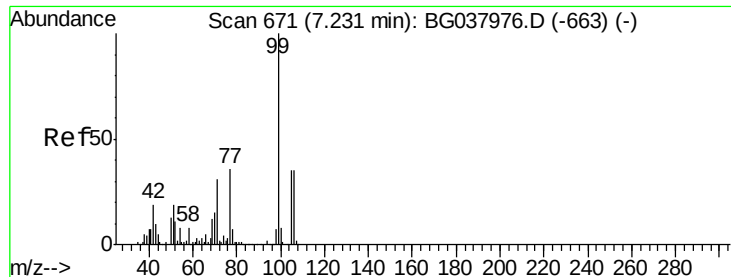
Acq: 21 Nov 2018 3:19

Tgt Ion:	128	Resp:	146929
Ion Ratio	Lower	Upper	
128	100		
130	33.3	12.0	52.0
64	55.3	32.9	72.9



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: 19.390 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038102.D

Acq: 21 Nov 2018 3:19

Instrument :

BNA_G

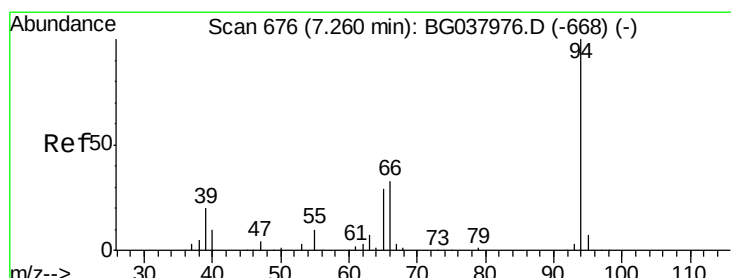
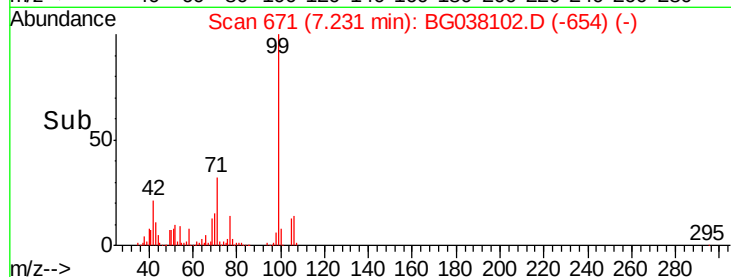
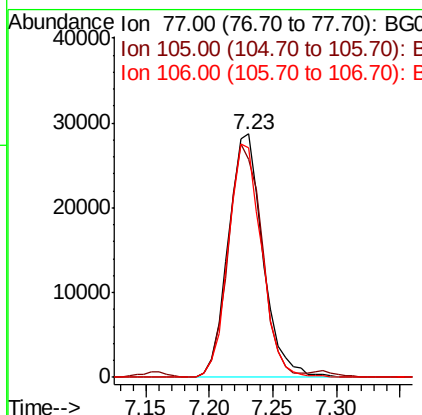
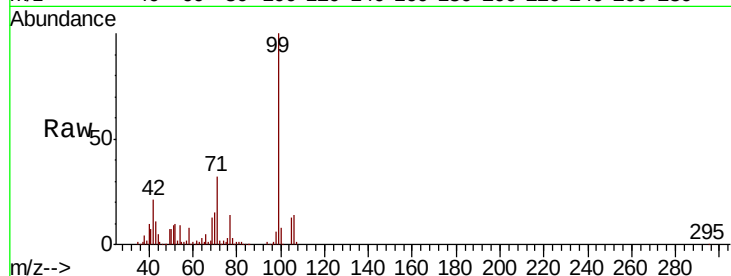
ClientSampleId :

HR-06-111918-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	89.4	72.6	112.6		
106	94.5	71.3	111.3		

Manual Integrations
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#10

Phenol

Concen: 38.750 ng

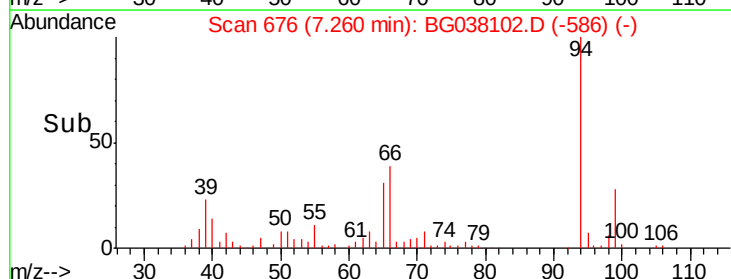
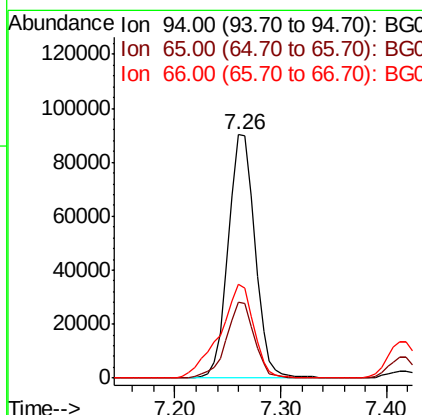
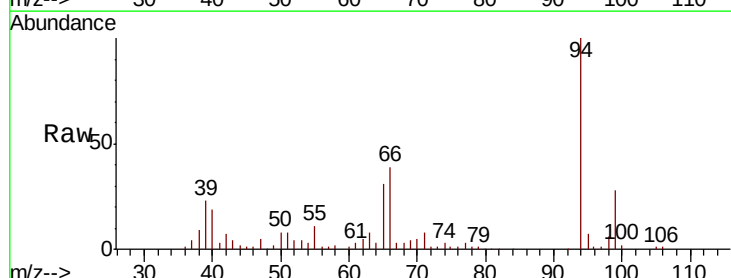
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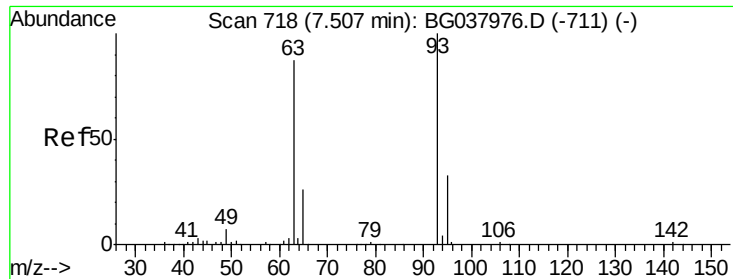
Delta R.T. 0.00 min

Lab File: BG038102.D

Acq: 21 Nov 2018 3:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	31.0	9.7	49.7		
66	38.7	15.9	55.9		





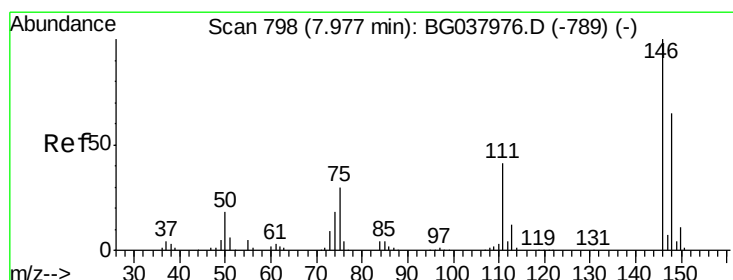
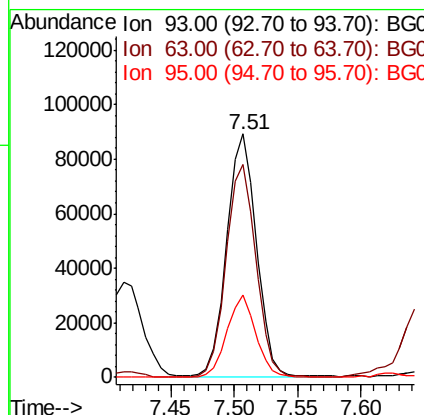
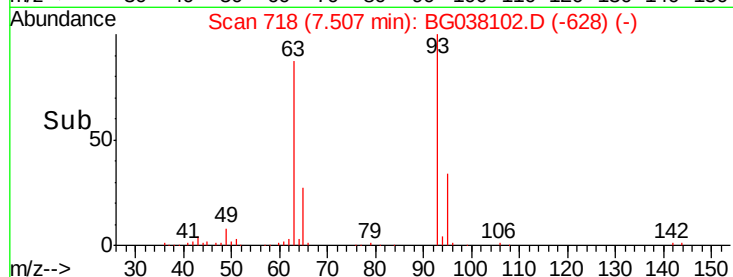
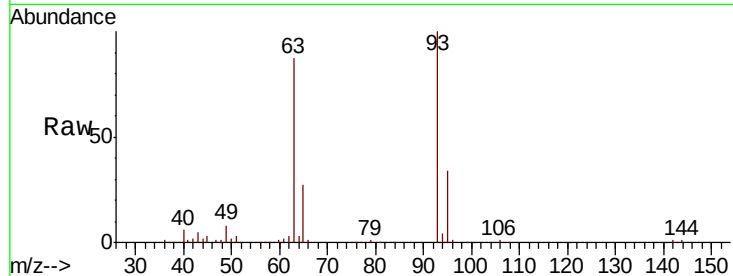
#11
bis(2-Chloroethyl)ether
Concen: 43.467 ng
RT: 7.51 min Scan# 718
Delta R.T. 0.00 min
Lab File: BG038102.D
Acq: 21 Nov 2018 3:19

Instrument :
BNA_G
ClientSampleId :
HR-06-111918-AMS

Tot Ion	Ratio	Lower	Upper
93	100		
63	87.2	69.5	109.5
95	33.7	12.6	52.6

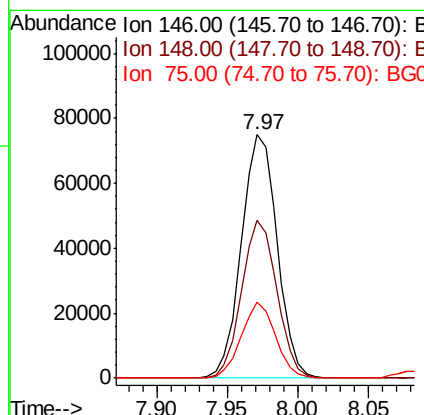
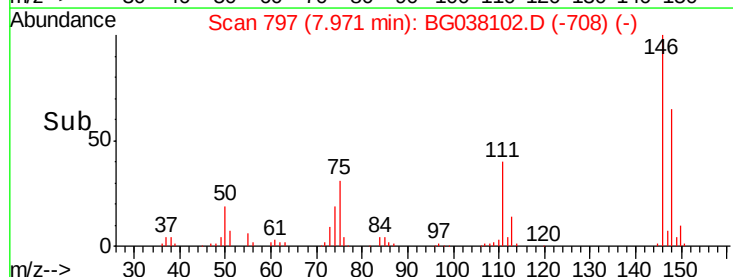
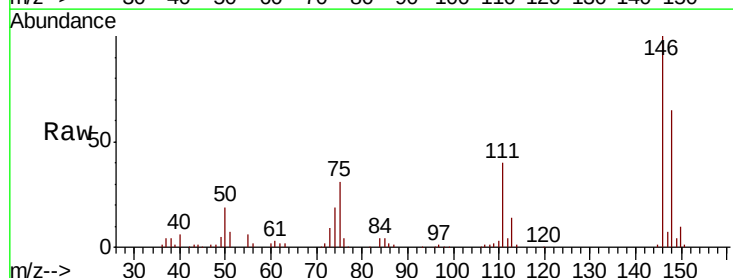
Manual Integrations
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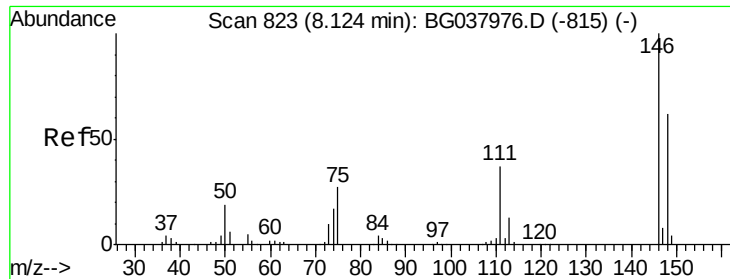
Sohil
11/21/2018 3:23:20 PM



#12
1,3-Dichlorobenzene
Concen: 36.796 ng
RT: 7.97 min Scan# 797
Delta R.T. -0.01 min
Lab File: BG038102.D
Acq: 21 Nov 2018 3:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	49.8	74.8
75	31.2	23.2	34.8





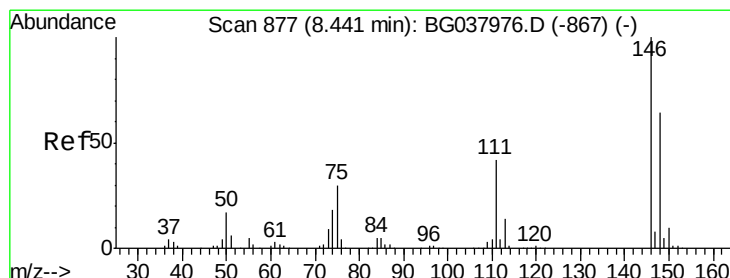
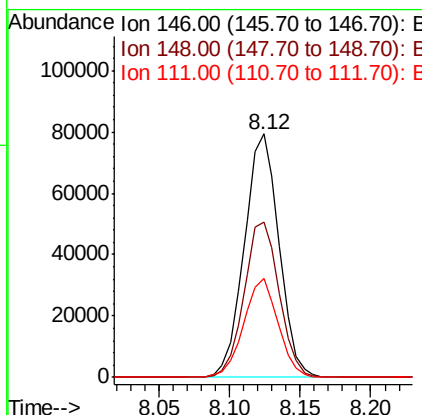
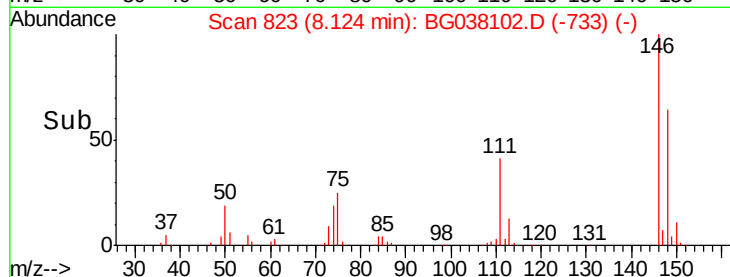
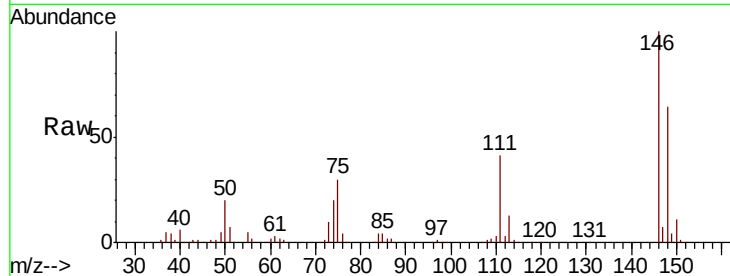
#13
 1,4-Dichlorobenzene
 Concen: 37.457 ng
 RT: 8.12 min Scan# 823
 Delta R.T. 0.00 min
 Lab File: BG038102.D
 Acq: 21 Nov 2018 3:19

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-111918-AMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.0	76.6
111	40.6	32.4	48.6

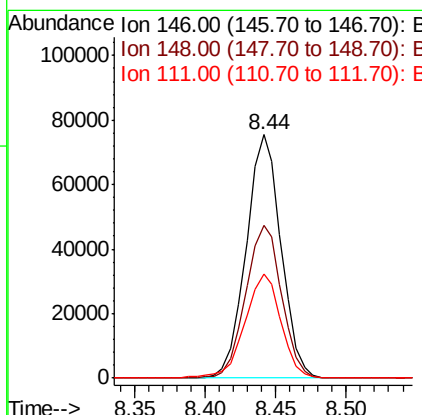
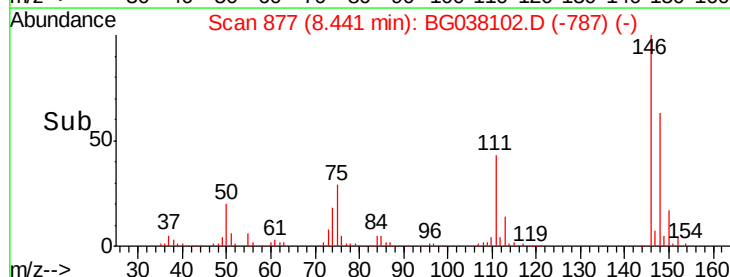
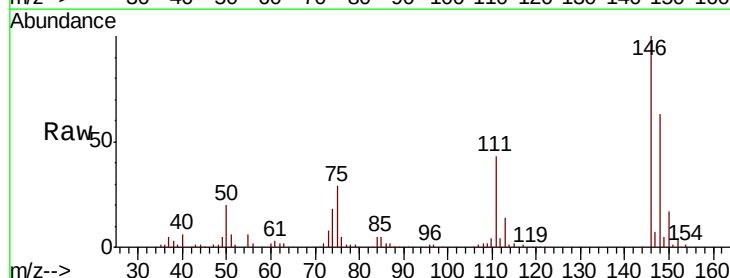
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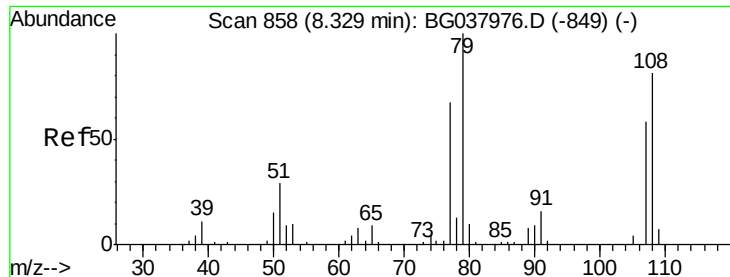
Sohil
 11/21/2018 3:23:20 PM



#14
 1,2-Dichlorobenzene
 Concen: 37.448 ng
 RT: 8.44 min Scan# 877
 Delta R.T. 0.00 min
 Lab File: BG038102.D
 Acq: 21 Nov 2018 3:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	50.4	75.6
111	42.8	34.6	51.8





#15

Benzyl Alcohol

Concen: 46.397 ng

RT: 8.33 min Scan# 858

Delta R.T. 0.00 min

Lab File: BG038102.D

Acq: 21 Nov 2018 3:19

Instrument :

BNA_G

ClientSampleId :

HR-06-111918-AMS

Tot Ion: 79 Resp: 129337

Ion Ratio Lower Upper

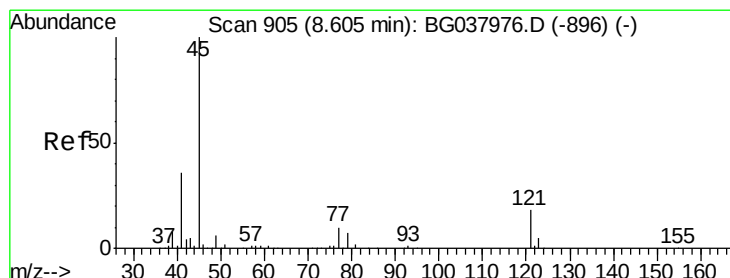
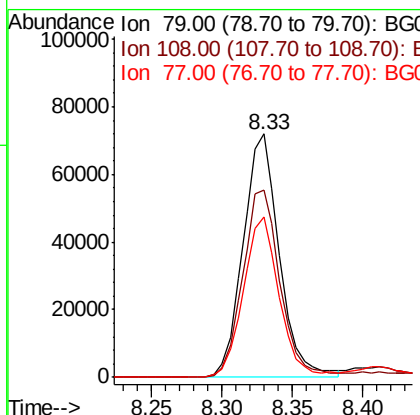
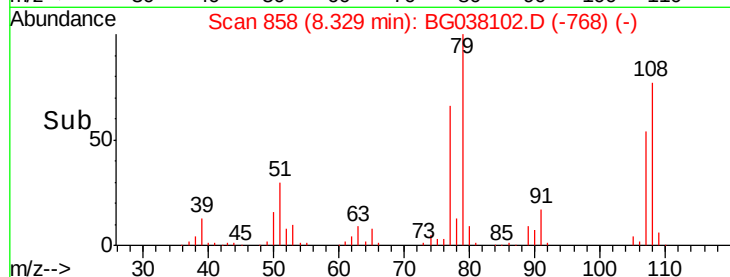
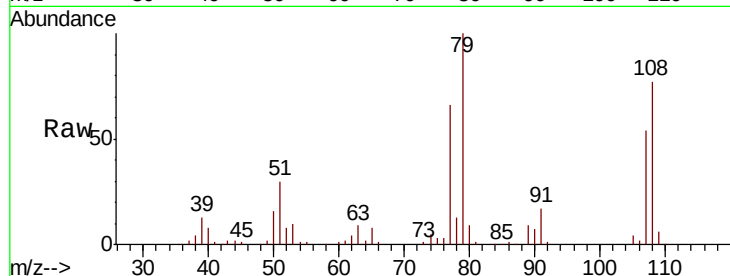
79 100

108 77.1 65.8 98.8

77 65.8 52.9 79.3

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.053 ng

RT: 8.61 min Scan# 906

Delta R.T. 0.01 min

Lab File: BG038102.D

Acq: 21 Nov 2018 3:19

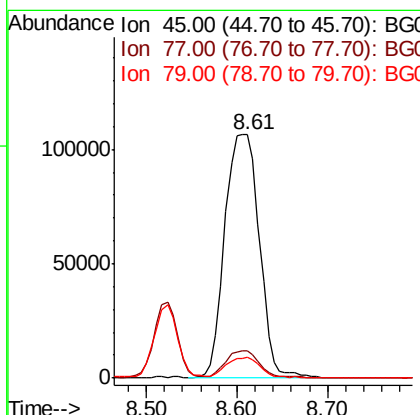
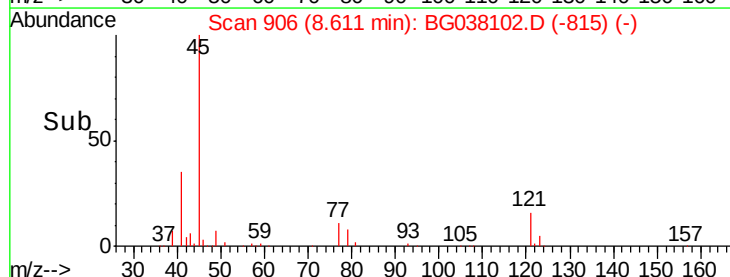
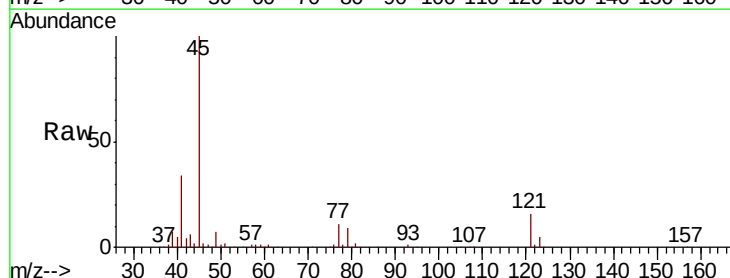
Tgt Ion: 45 Resp: 278700

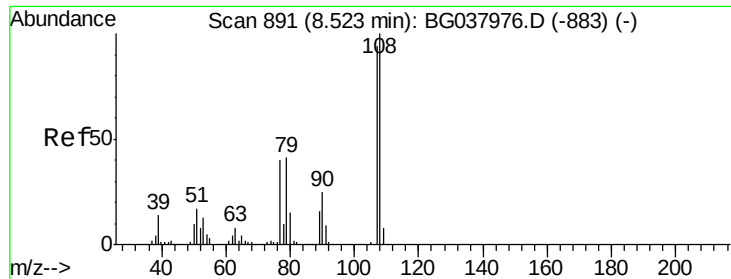
Ion Ratio Lower Upper

45 100

77 11.1 0.0 30.0

79 8.7 0.0 29.0





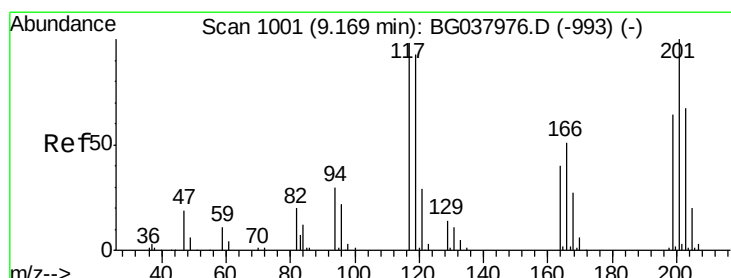
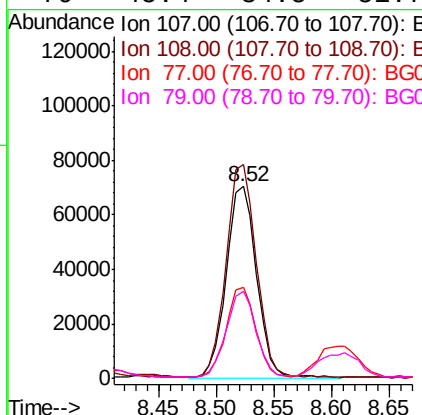
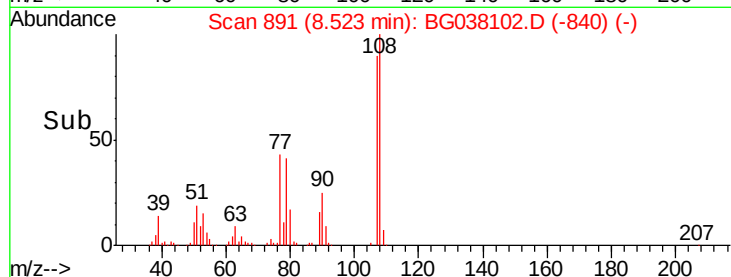
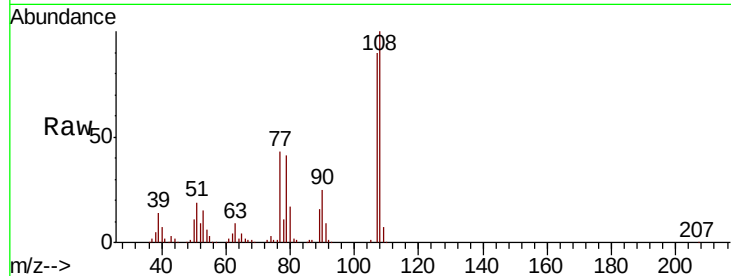
#17
2-Methylphenol
Concen: 46.256 ng
RT: 8.52 min Scan# 891
Delta R.T. 0.00 min
Lab File: BG038102.D
Acq: 21 Nov 2018 3:19

Instrument :
BNA_G
ClientSampleId :
HR-06-111918-AMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.5	87.9	131.9	
77	47.5	35.1	52.7	
79	45.4	34.5	51.7	

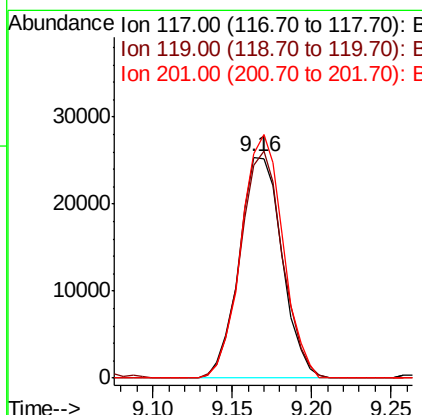
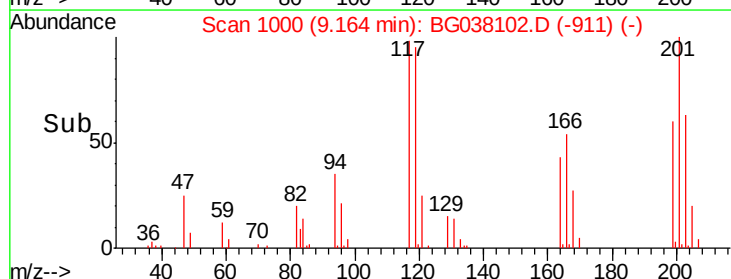
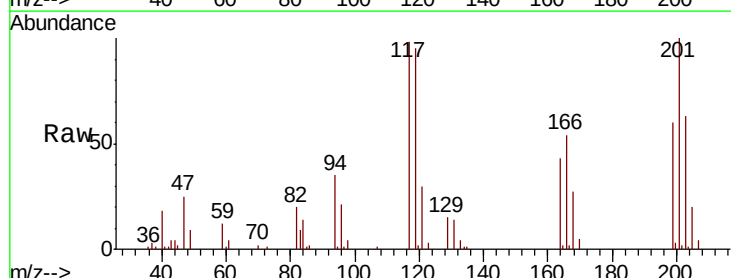
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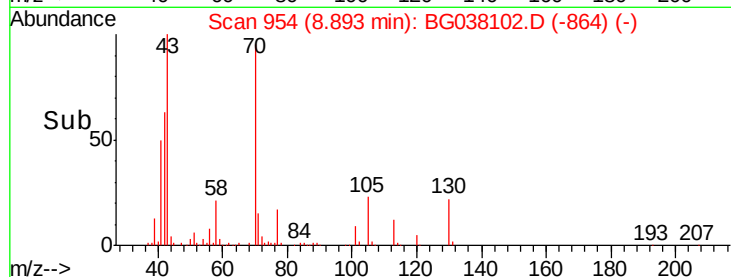
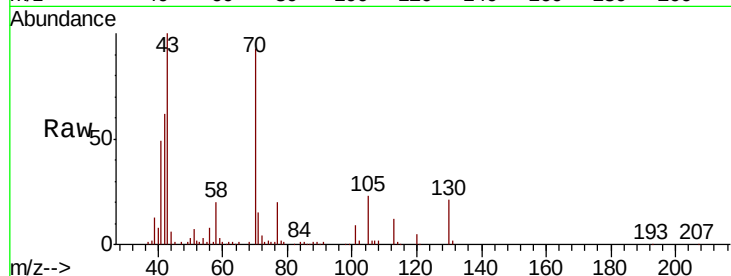
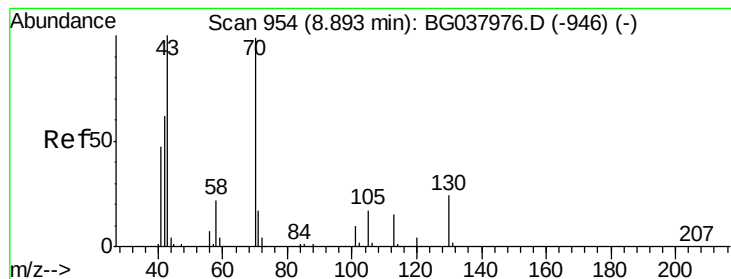
Sohil
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#18
Hexachloroethane
Concen: 36.032 ng
RT: 9.16 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BG038102.D
Acq: 21 Nov 2018 3:19

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.4	74.6	111.8	
201	104.1	80.8	121.2	





#19

n-Nitroso-di-n-propylamine

Concen: 43.095 ng

RT: 8.89 min Scan# 954

Delta R.T. 0.00 min

Lab File: BG038102.D

Acq: 21 Nov 2018 3:19

Instrument :

BNA_G

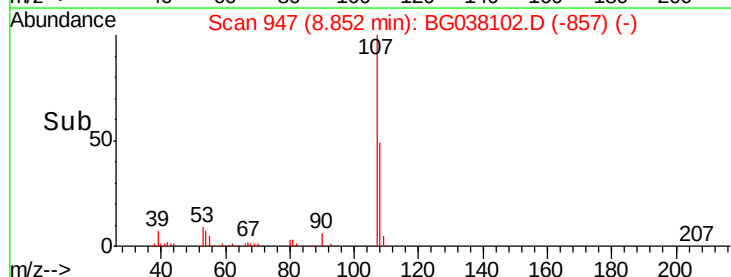
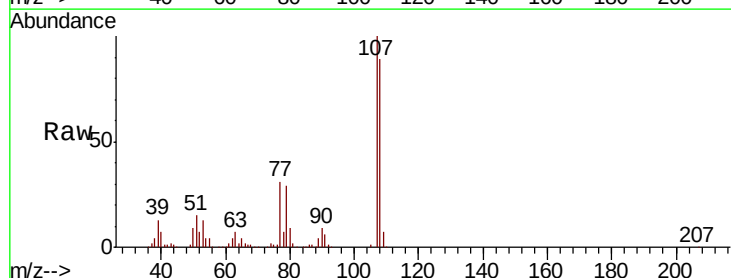
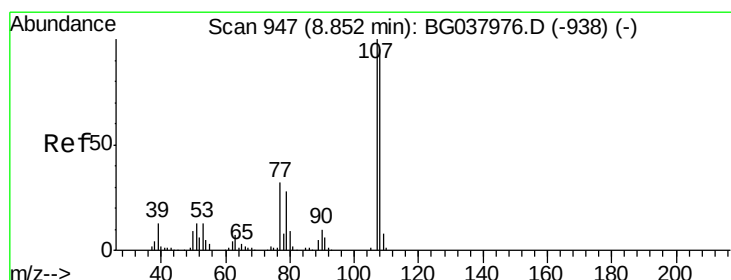
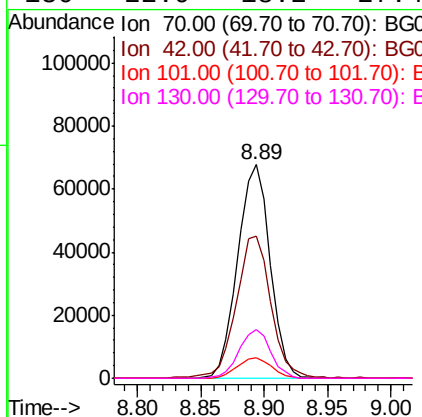
ClientSampleId :

HR-06-111918-AMS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	66.5	53.9	80.9	
101	9.8	8.2	12.2	
130	22.9	18.2	27.4	

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#20

3+4-Methylphenols

Concen: 44.404 ng

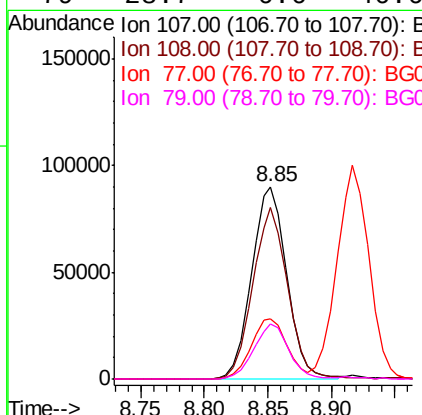
RT: 8.85 min Scan# 947

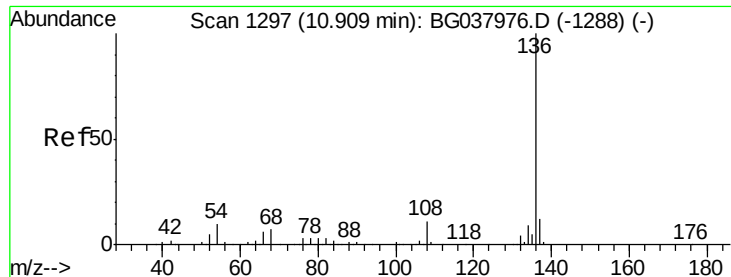
Delta R.T. 0.00 min

Lab File: BG038102.D

Acq: 21 Nov 2018 3:19

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.0	69.9	109.9	
77	31.2	11.2	51.2	
79	28.7	6.6	46.6	





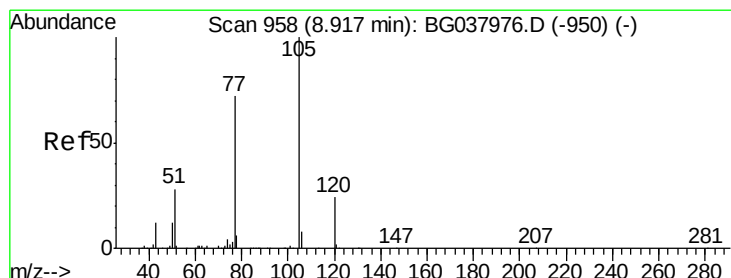
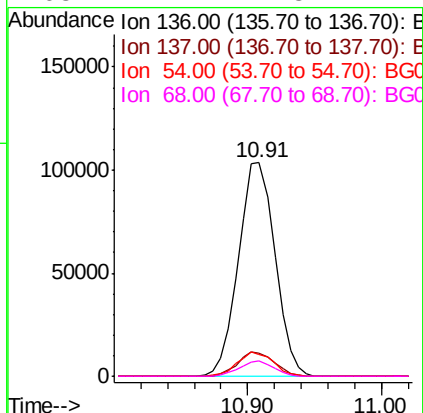
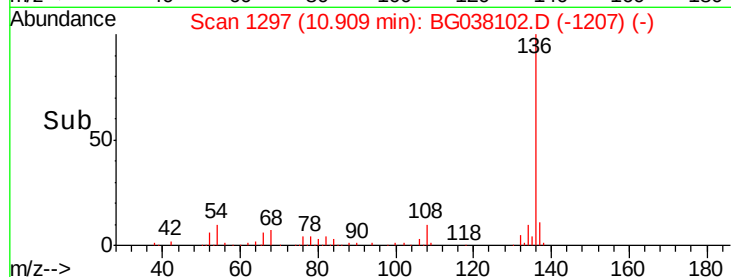
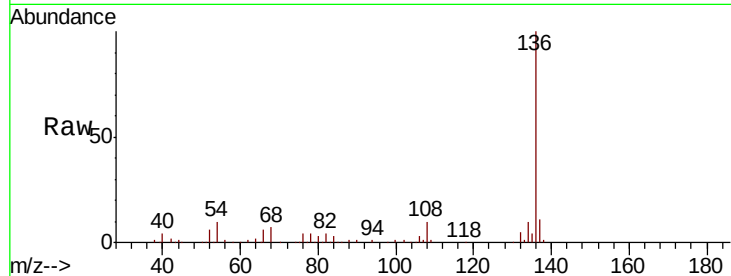
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BG038102.D
Acq: 21 Nov 2018 3:19

Instrument :
BNA_G
ClientSampleId :
HR-06-111918-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		197208		
137	10.7		9.6	14.4	
54	10.4		7.9	11.9	
68	7.1		4.8	7.2	

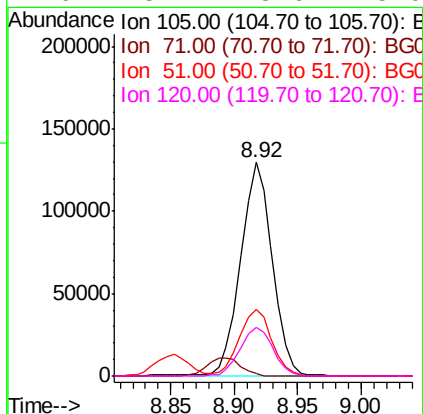
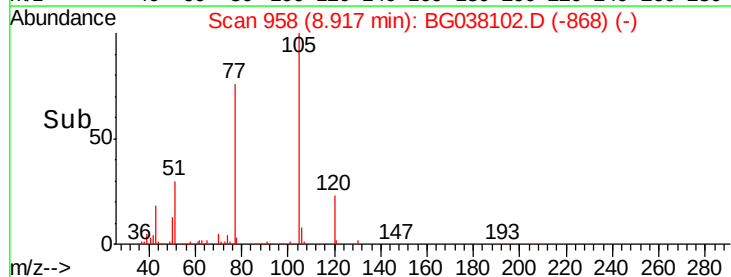
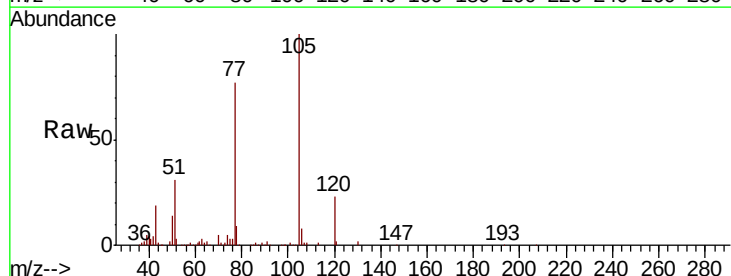
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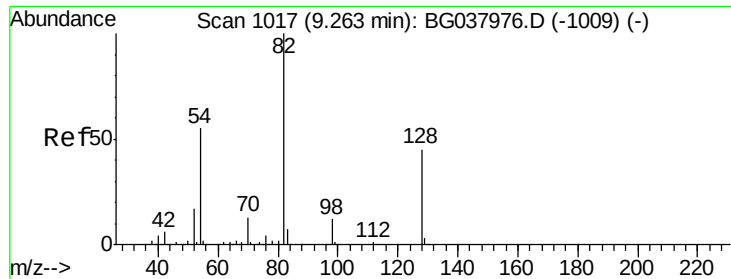
Sohil
11/21/2018 3:23:20 PM



#22
Acetophenone
Concen: 45.686 ng
RT: 8.92 min Scan# 958
Delta R.T. 0.00 min
Lab File: BG038102.D
Acq: 21 Nov 2018 3:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		224165		
71	1.0		1.2	1.8#	
51	31.1		25.0	37.6	
120	23.1		18.6	28.0	





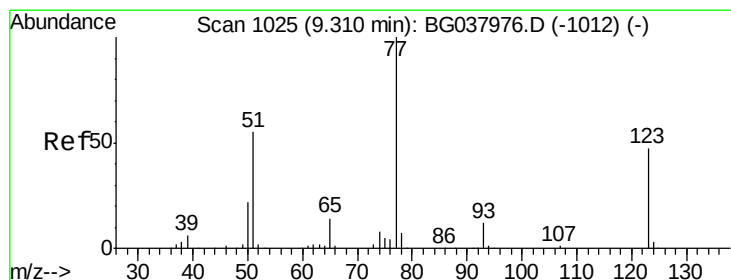
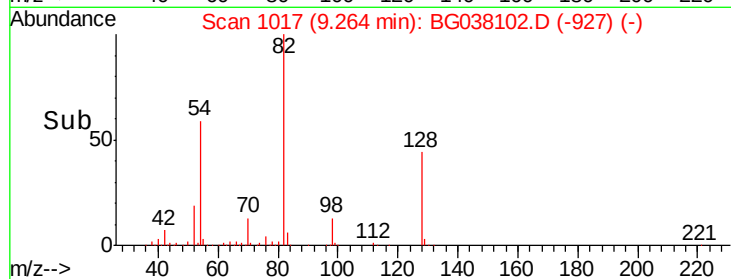
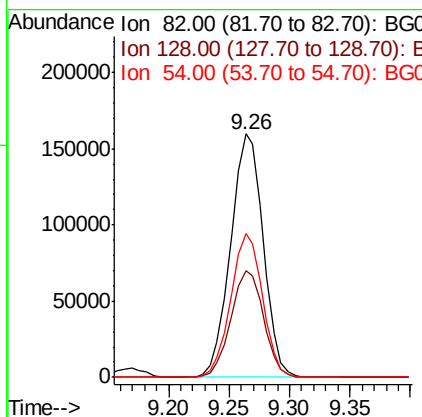
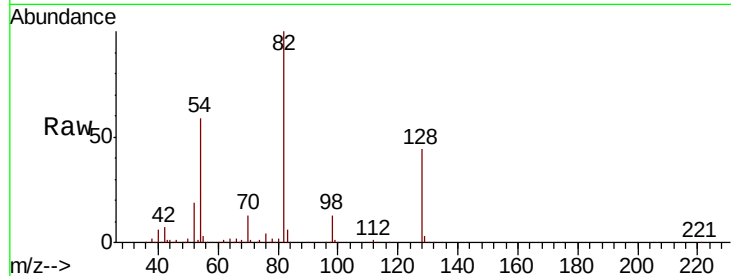
#23
Nitrobenzene-d5
Concen: 81.399 ng
RT: 9.26 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BG038102.D
Acq: 21 Nov 2018 3:19

Instrument :
BNA_G
ClientSampleId :
HR-06-111918-AMS

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.8	34.6	51.8
54	58.8	45.3	67.9

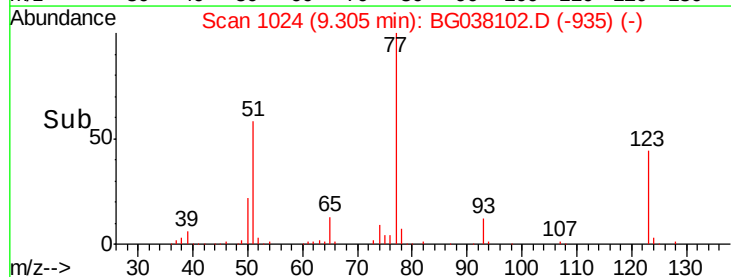
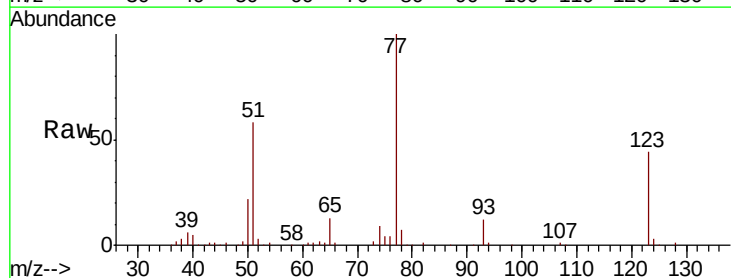
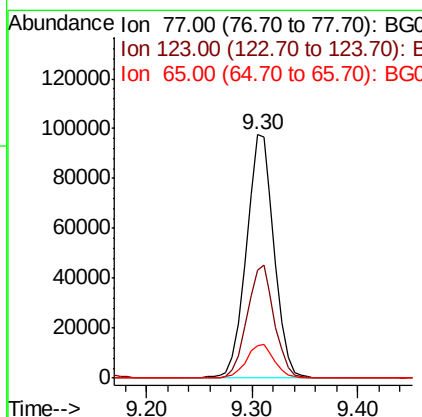
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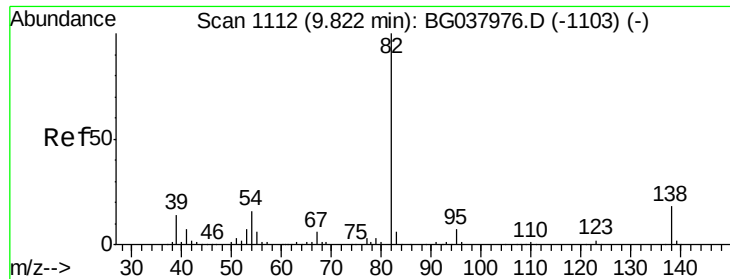
Sohil
11/21/2018 3:23:20 PM



#24
Nitrobenzene
Concen: 47.123 ng
RT: 9.30 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BG038102.D
Acq: 21 Nov 2018 3:19

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.1	33.6	50.4
65	13.4	11.3	16.9





#25

Isophorone

Concen: 50.772 ng

RT: 9.82 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BG038102.D

Acq: 21 Nov 2018 3:19

Instrument :

BNA_G

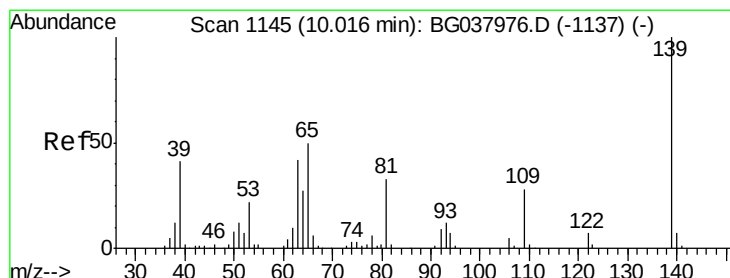
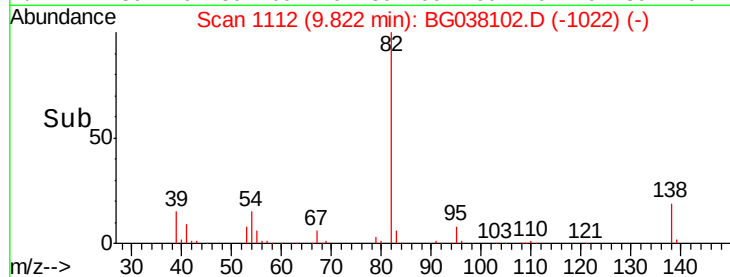
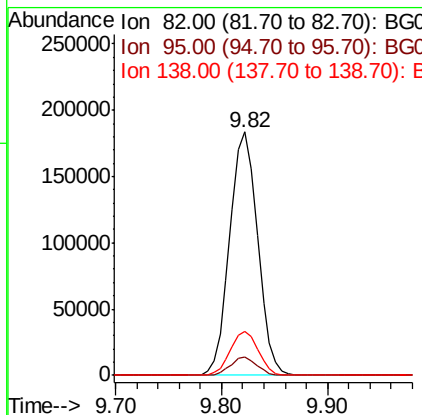
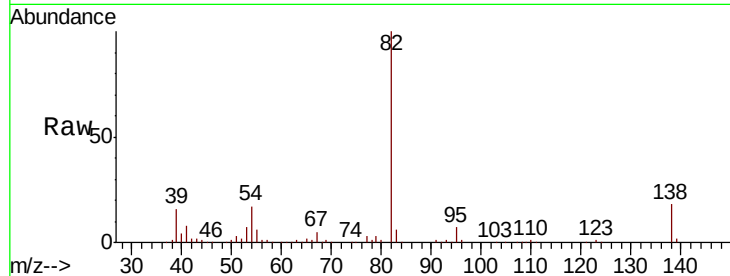
ClientSampleId :

HR-06-111918-AMS

Tot Ion:	82	Resp:	336666
Ion Ratio	Lower	Upper	
82	100		
95	7.4	5.3	7.9
138	17.9	13.3	19.9

Manual Integrations
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#26

2-Nitrophenol

Concen: 45.524 ng

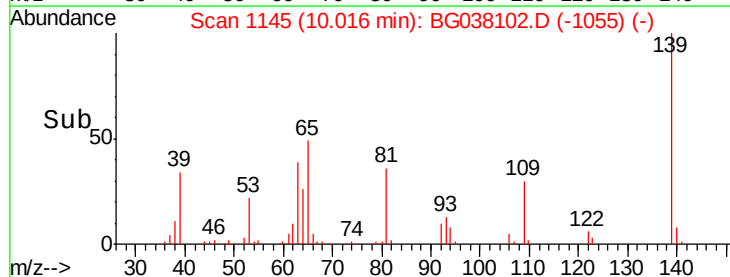
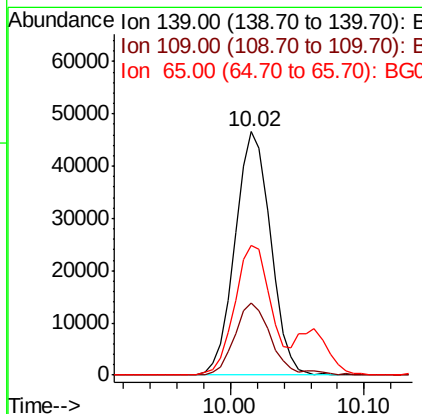
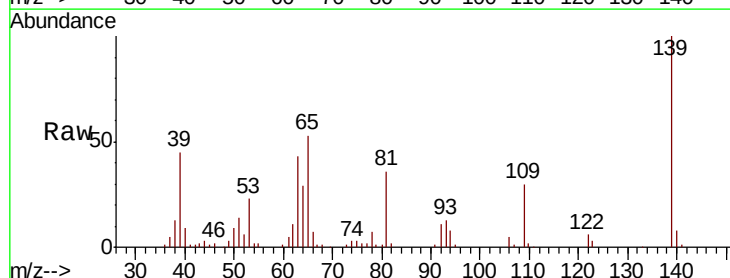
RT: 10.02 min Scan# 1145

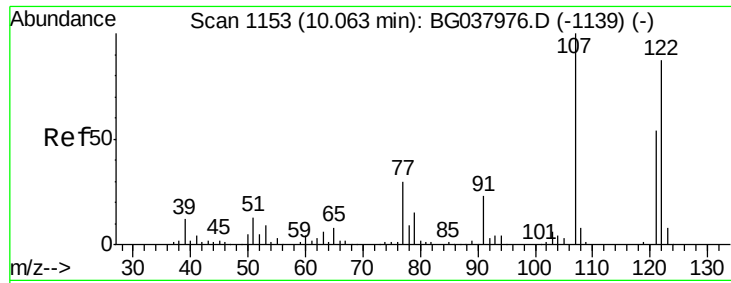
Delta R.T. 0.00 min

Lab File: BG038102.D

Acq: 21 Nov 2018 3:19

Tgt Ion:	139	Resp:	85648
Ion Ratio	Lower	Upper	
139	100		
109	29.7	23.3	34.9
65	53.4	39.8	59.8





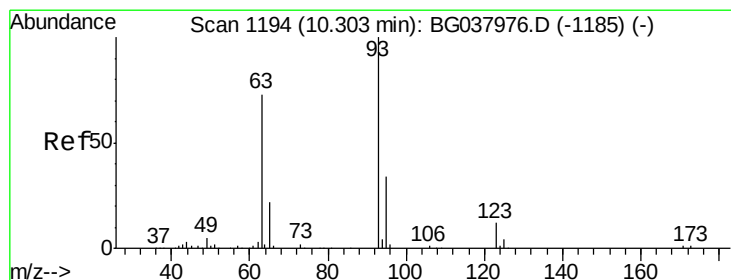
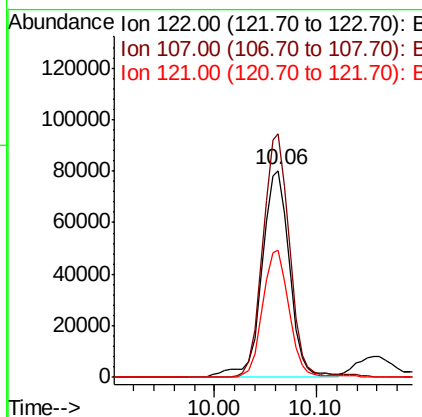
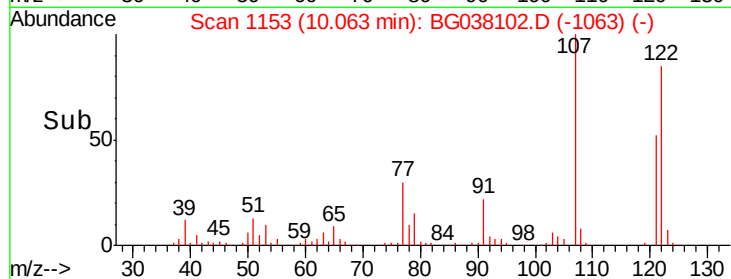
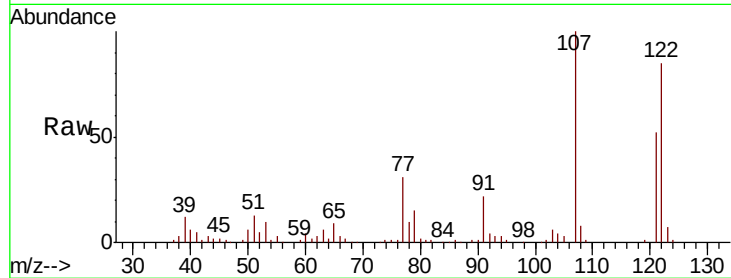
#27
 2,4-Dimethylphenol
 Concen: 53.528 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BG038102.D
 Acq: 21 Nov 2018 3:19

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-111918-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		151734		
107	117.6	94.2	141.2		
121	61.6	47.3	70.9		

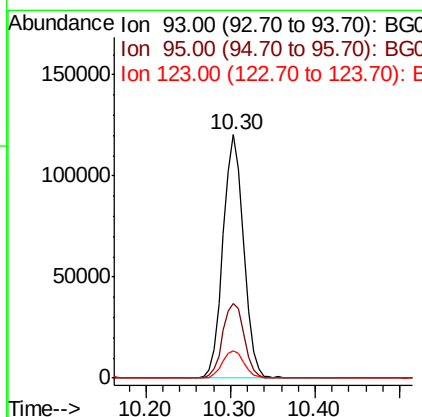
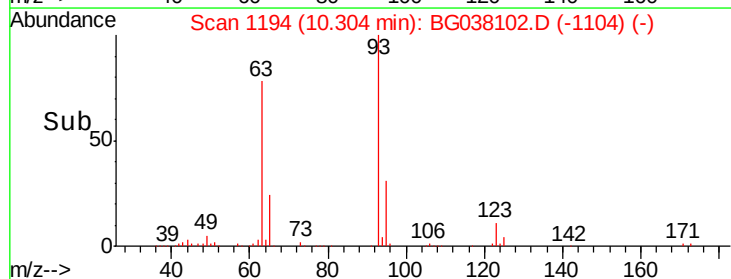
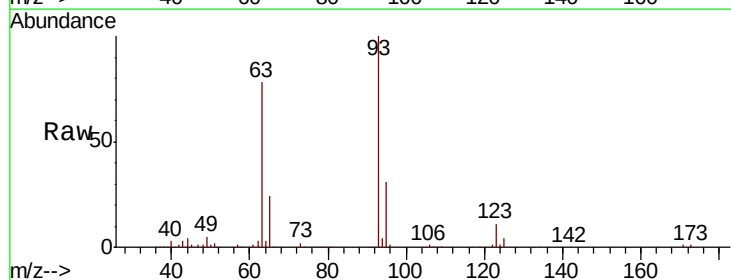
Manual Integrations
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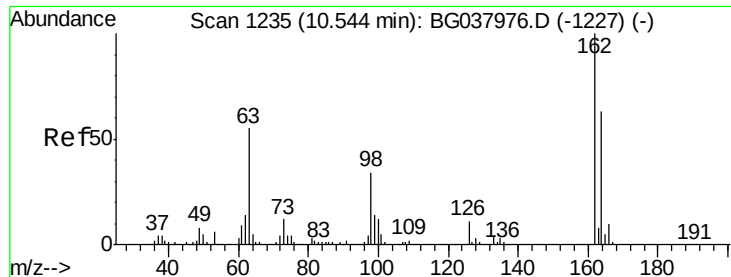
Sohil
 11/21/2018 3:23:20 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 47.933 ng
 RT: 10.30 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BG038102.D
 Acq: 21 Nov 2018 3:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		203242		
95	30.8	24.6	37.0		
123	11.2	9.1	13.7		





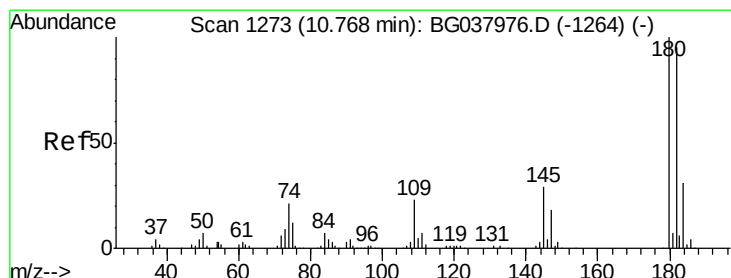
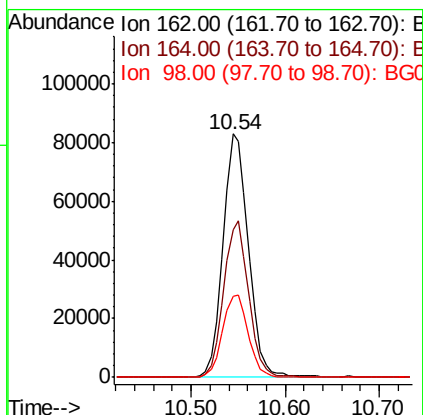
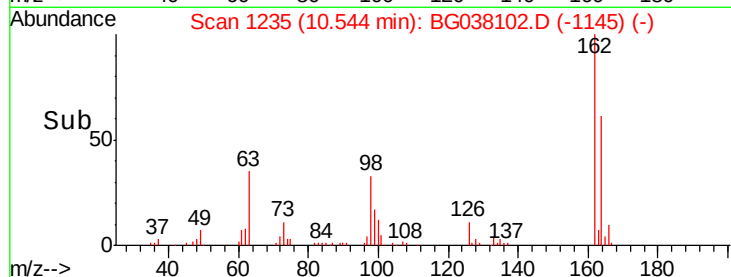
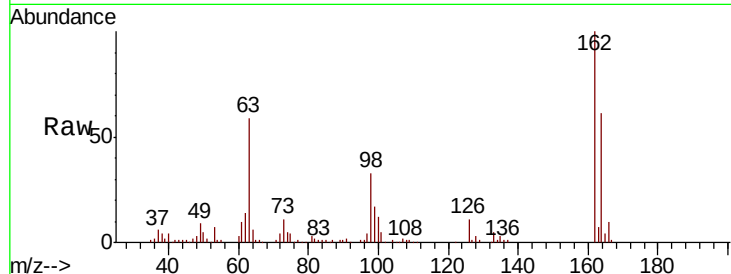
#29
2,4-Dichlorophenol
Concen: 48.882 ng
RT: 10.54 min Scan# 1235
Delta R.T. 0.00 min
Lab File: BG038102.D
Acq: 21 Nov 2018 3:19

Instrument :
BNA_G
ClientSampleId :
HR-06-111918-AMS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	60.8	43.2	83.2
98	33.1	16.0	56.0

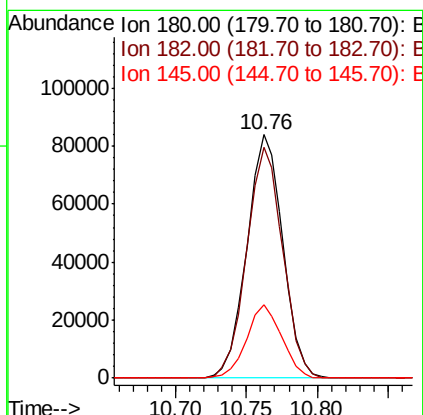
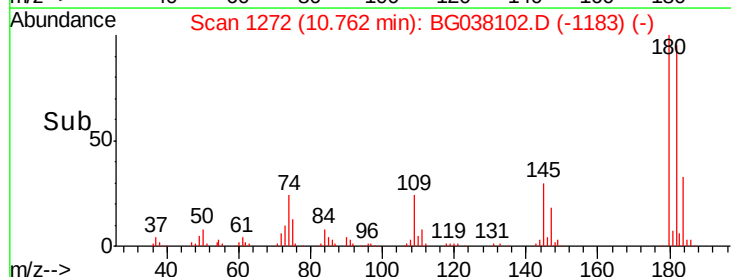
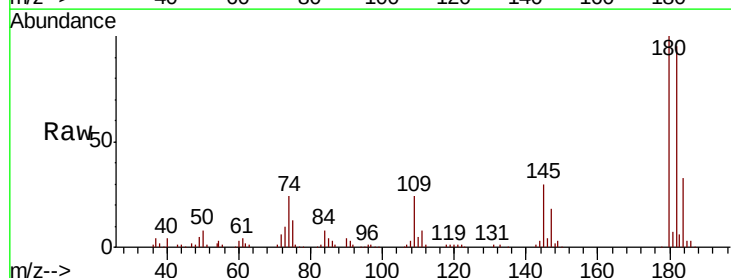
Manual Integrations
APPROVED

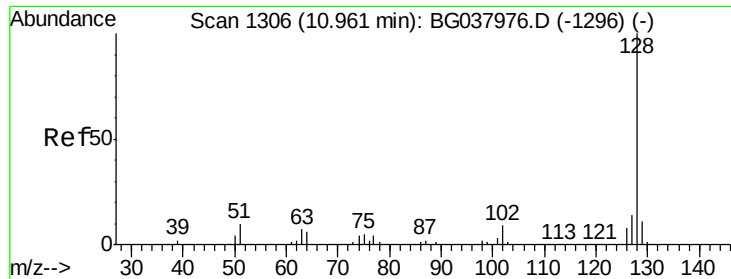
Sohil
11/21/2018 3:23:20 PM



#30
1,2,4-Trichlorobenzene
Concen: 41.878 ng
RT: 10.76 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BG038102.D
Acq: 21 Nov 2018 3:19

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.9	77.7	116.5
145	30.2	23.3	34.9





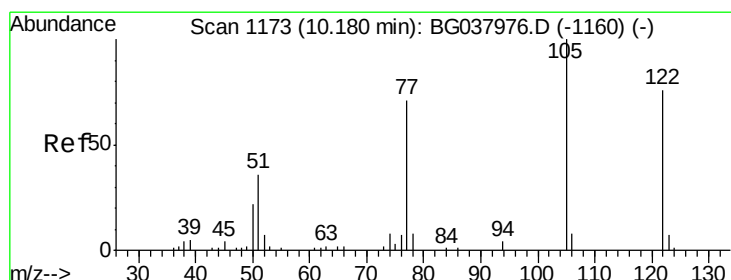
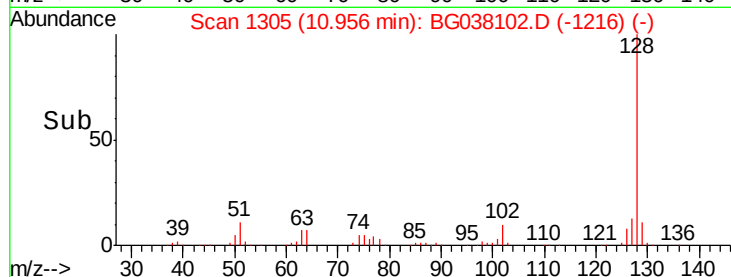
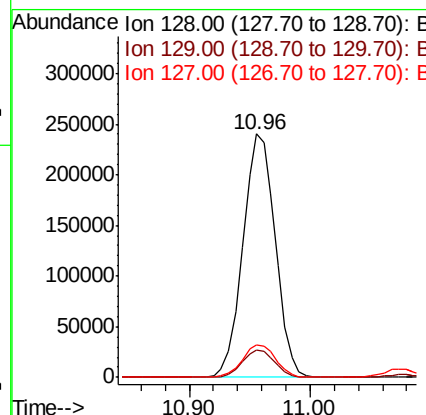
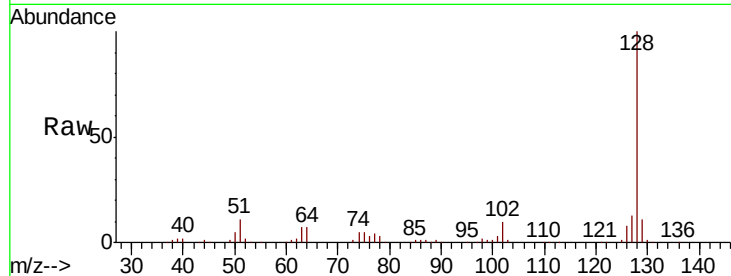
#31
Naphthalene
Concen: 46.164 ng
RT: 10.96 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG038102.D
Acq: 21 Nov 2018 3:19

Instrument :
BNA_G
ClientSampleId :
HR-06-111918-AMS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.6
127	13.5	11.1	16.7

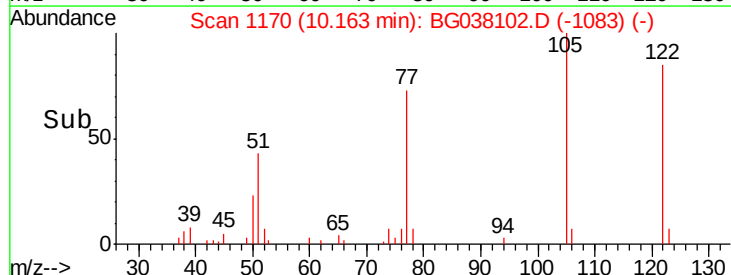
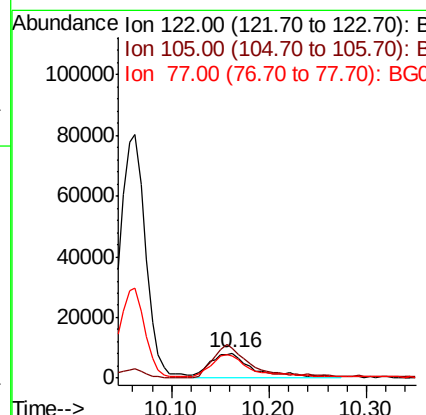
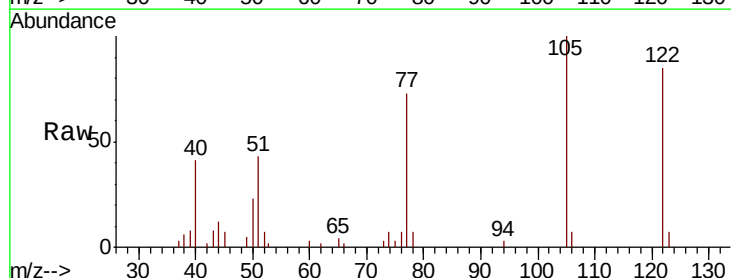
Manual Integrations
APPROVED

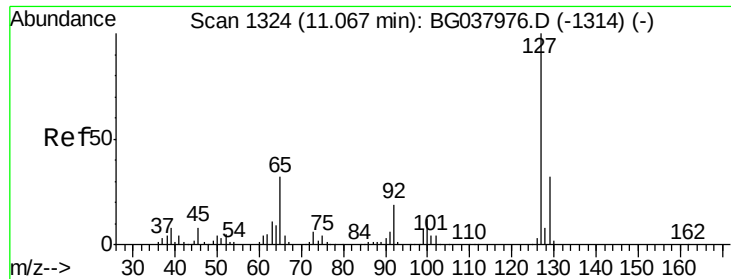
Sohil
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#32
Benzoic acid
Concen: 22.317 ng m
RT: 10.16 min Scan# 1170
Delta R.T. -0.02 min
Lab File: BG038102.D
Acq: 21 Nov 2018 3:19

Tgt Ion	Ratio	Lower	Upper
122	100		
105	117.6	106.7	146.7
77	85.4	72.2	112.2





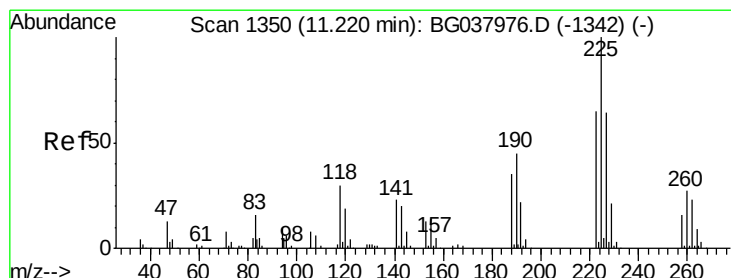
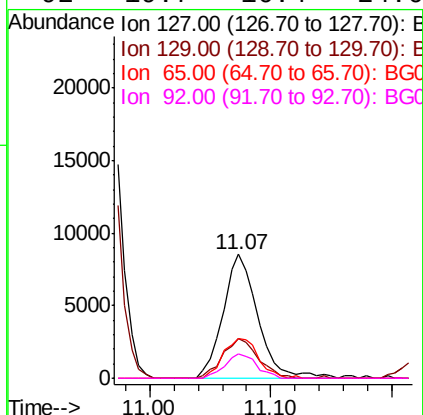
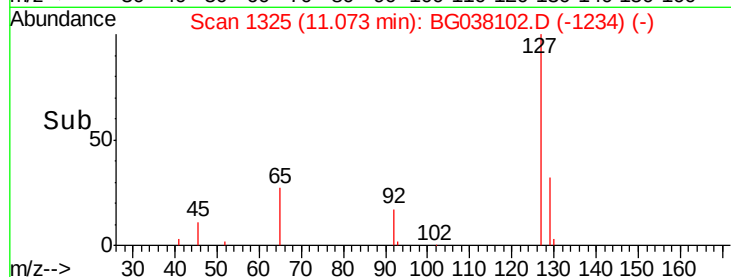
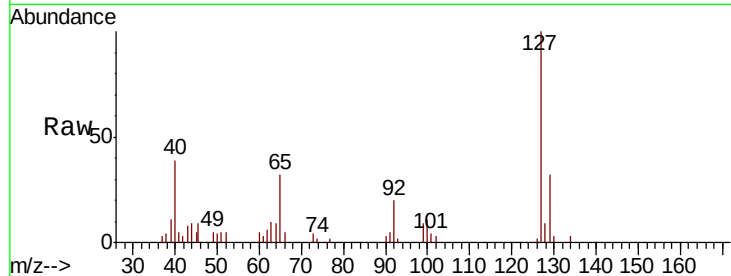
#33
4-Chloroaniline
Concen: 3.751 ng
RT: 11.07 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BG038102.D
Acq: 21 Nov 2018 3:19

Instrument :
BNA_G
ClientSampleId :
HR-06-111918-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.6	27.1	40.7		
65	31.7	26.6	39.8		
92	19.7	16.4	24.6		

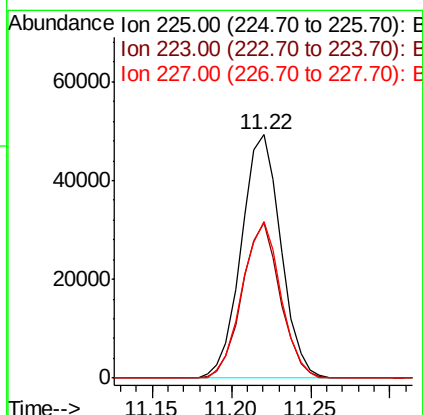
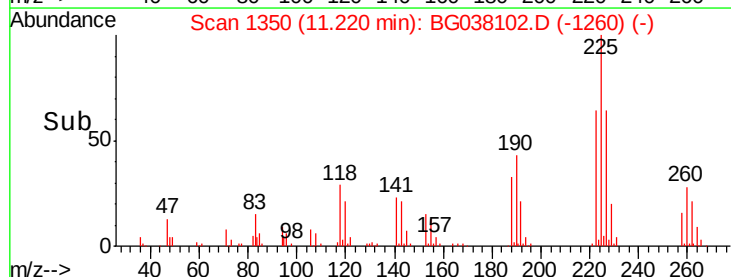
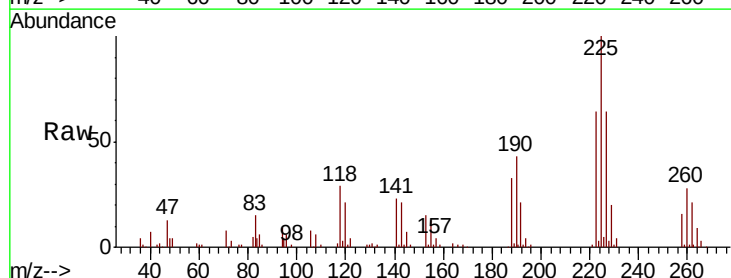
Manual Integrations
APPROVED

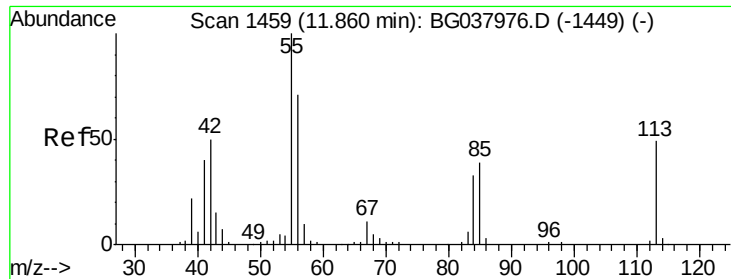
Sohil
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#34
Hexachlorobutadiene
Concen: 38.871 ng
RT: 11.22 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BG038102.D
Acq: 21 Nov 2018 3:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.2	48.2	72.4		
227	64.0	51.6	77.4		





#35

Caprolactam

Concen: 30.542 ng

RT: 11.85 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BG038102.D

Acq: 21 Nov 2018 3:19

Instrument :

BNA_G

ClientSampleId :

HR-06-111918-AMS

Tot Ion:113 Resp: 38979

Ion Ratio Lower Upper

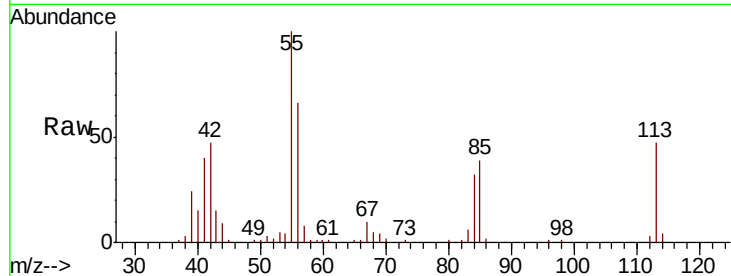
113 100

55 213.6 176.6 216.6

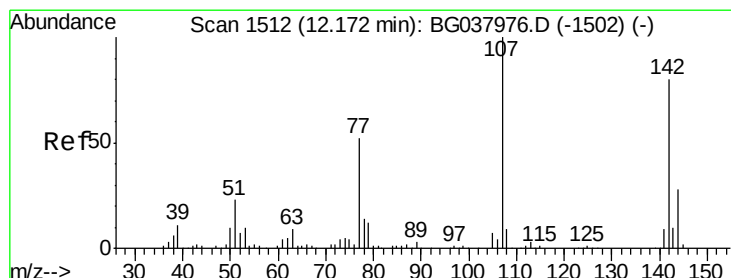
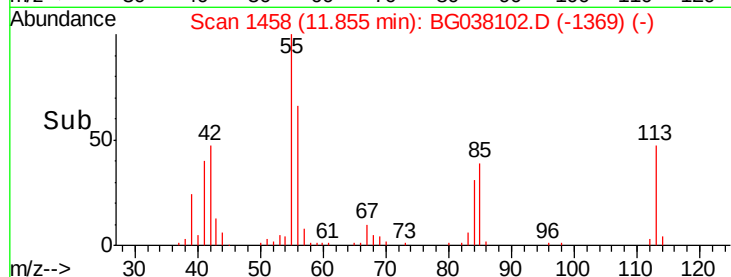
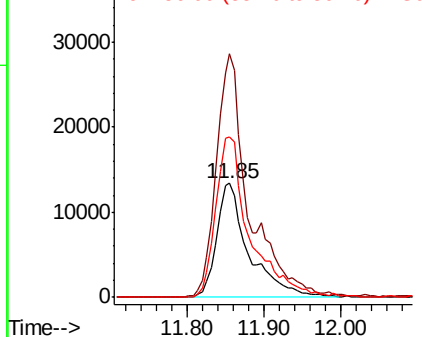
56 140.2 128.3 168.3

Manual Integrations
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Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BG
Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 48.388 ng

RT: 12.18 min Scan# 1513

Delta R.T. 0.01 min

Lab File: BG038102.D

Acq: 21 Nov 2018 3:19

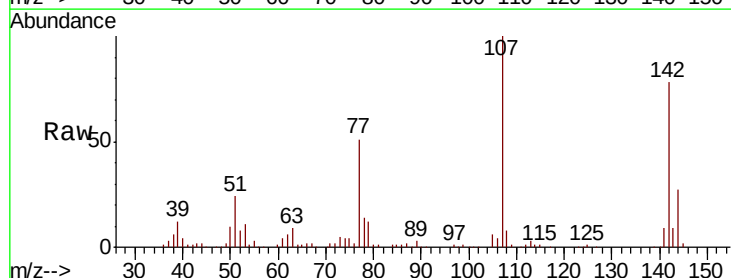
Tgt Ion:107 Resp: 168554

Ion Ratio Lower Upper

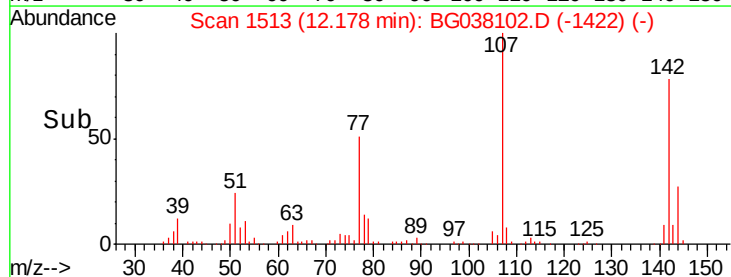
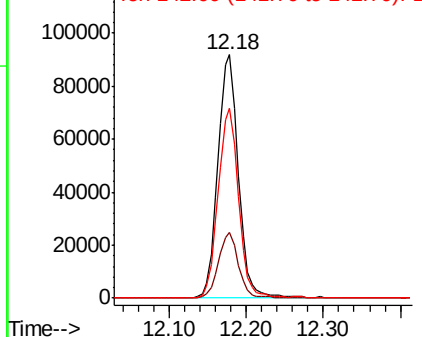
107 100

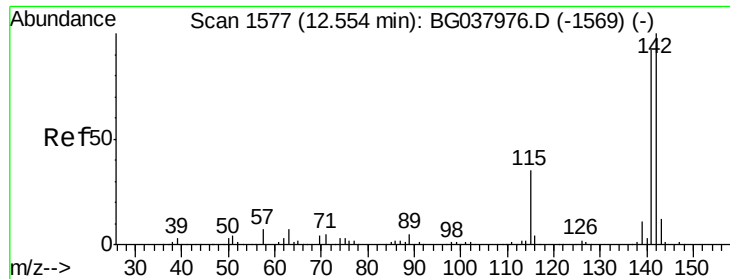
144 27.1 20.7 31.1

142 78.1 64.4 96.6



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





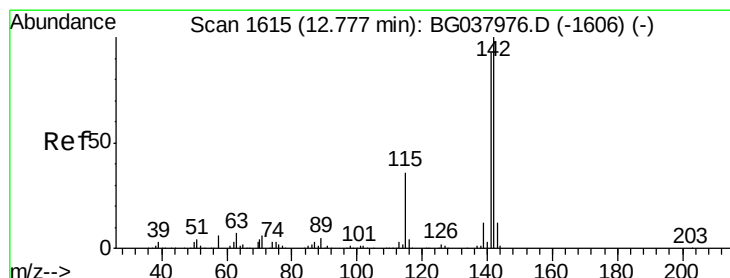
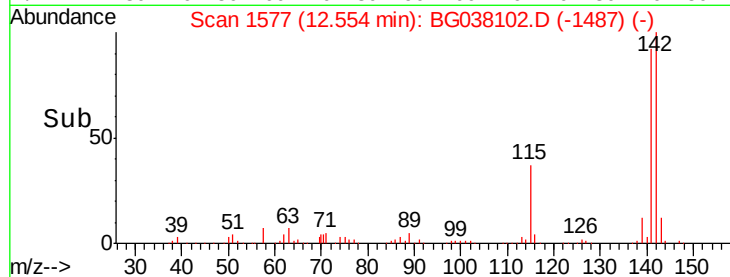
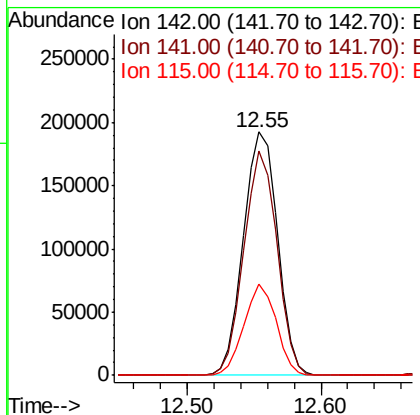
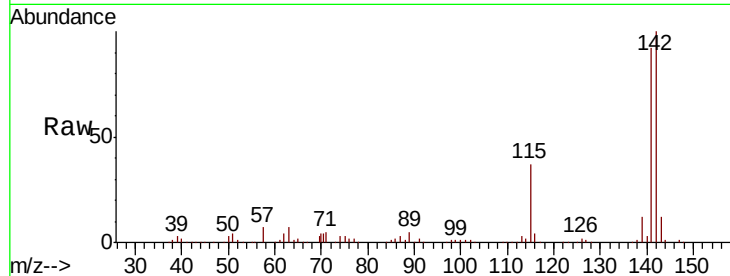
#37
2-Methylnaphthalene
Concen: 48.824 ng
RT: 12.55 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BG038102.D
Acq: 21 Nov 2018 3:19

Instrument :
BNA_G
ClientSampleId :
HR-06-111918-AMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.1	71.9	107.9
115	37.3	27.8	41.8

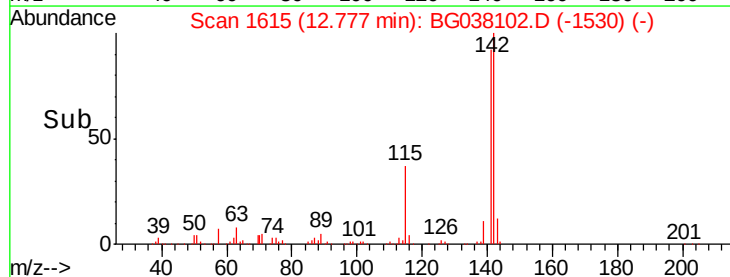
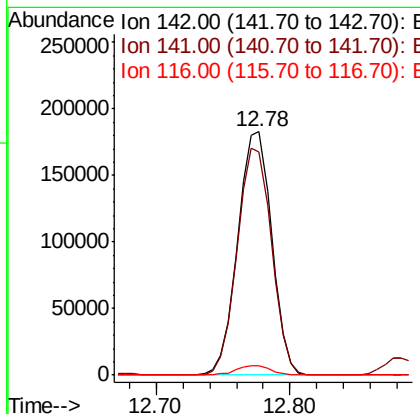
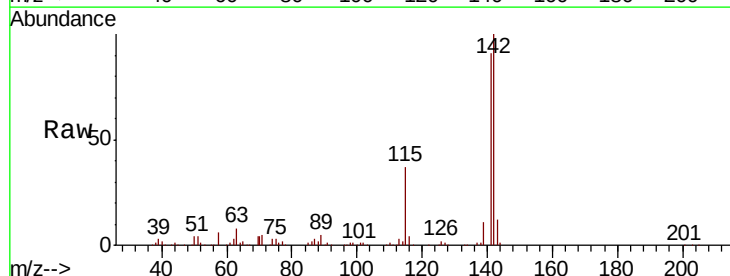
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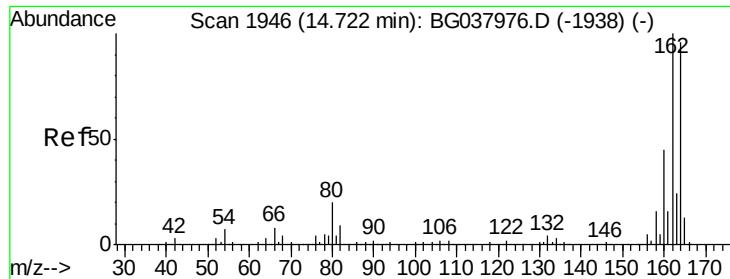
Sohil
11/21/2018 3:23:20 PM



#38
1-Methylnaphthalene
Concen: 47.875 ng
RT: 12.78 min Scan# 1615
Delta R.T. 0.00 min
Lab File: BG038102.D
Acq: 21 Nov 2018 3:19

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	75.2	112.8
116	3.6	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1946

Delta R.T. 0.00 min

Lab File: BG038102.D

Acq: 21 Nov 2018 3:19

Instrument :

BNA_G

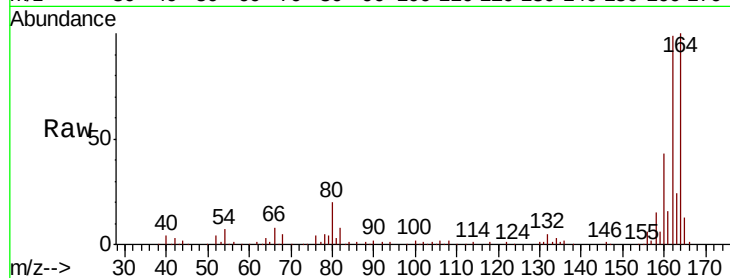
ClientSampleId :

HR-06-111918-AMS

Tot Ion:	164	Resp:	119868
Ion Ratio	Lower	Upper	
164	100		
162	98.8	81.3	121.9
160	42.6	36.3	54.5

Manual Integrations
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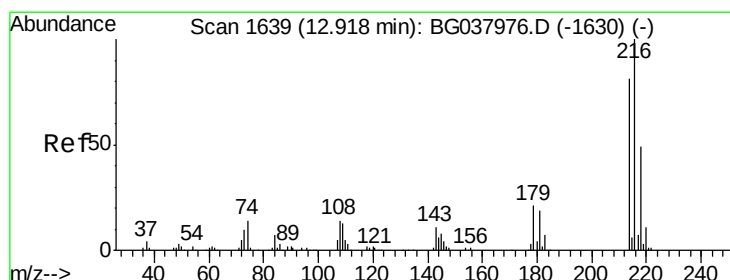
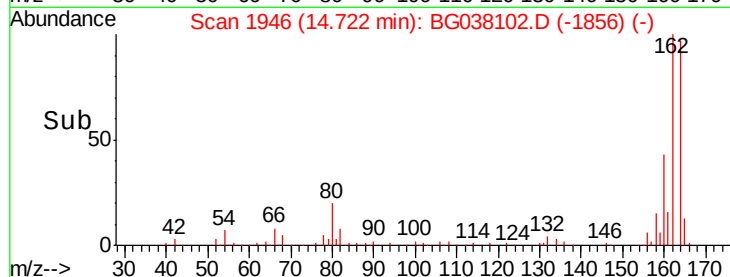
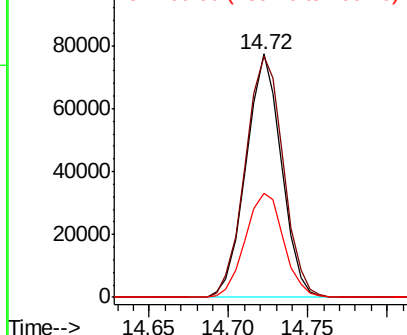


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.709 ng

RT: 12.92 min Scan# 1639

Delta R.T. 0.00 min

Lab File: BG038102.D

Acq: 21 Nov 2018 3:19

Tgt Ion:	216	Resp:	175073
Ion Ratio	Lower	Upper	
216	100		
214	78.9	63.8	95.6
179	21.3	17.4	26.0
108	19.1	13.9	20.9

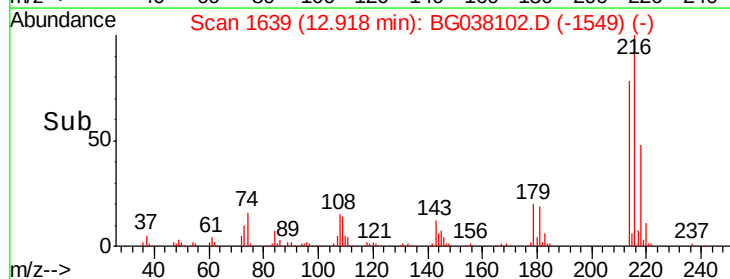
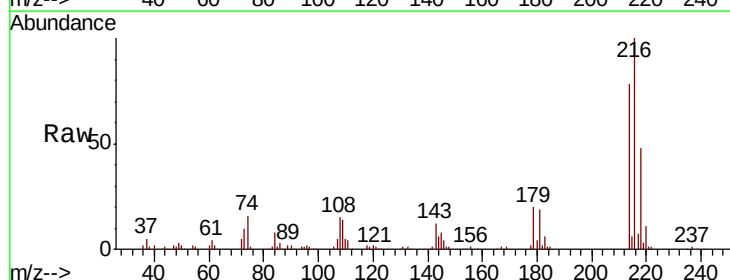
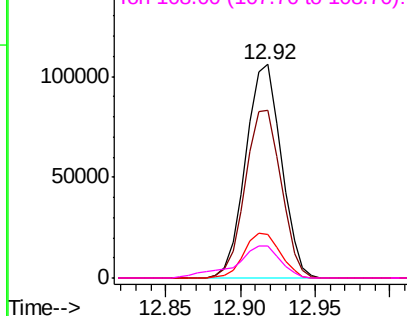
Abundance

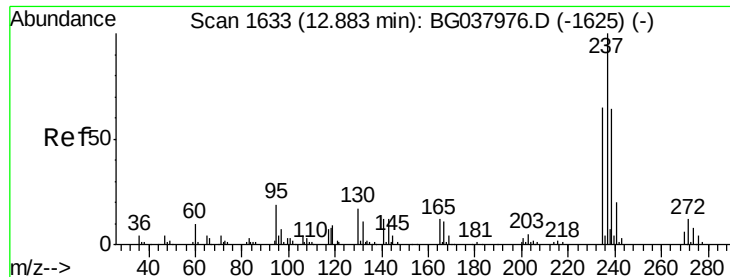
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 87.187 ng

RT: 12.88 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BG038102.D

Acq: 21 Nov 2018 3:19

Instrument :

BNA_G

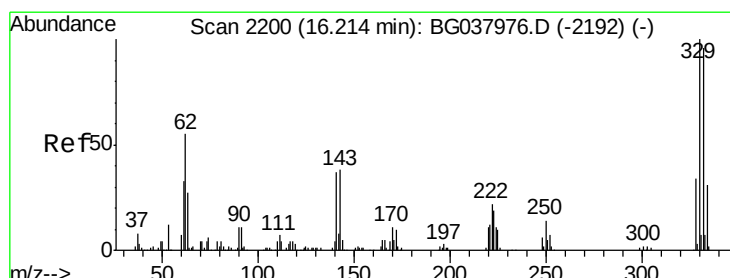
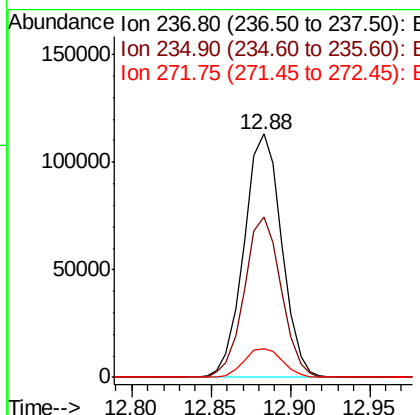
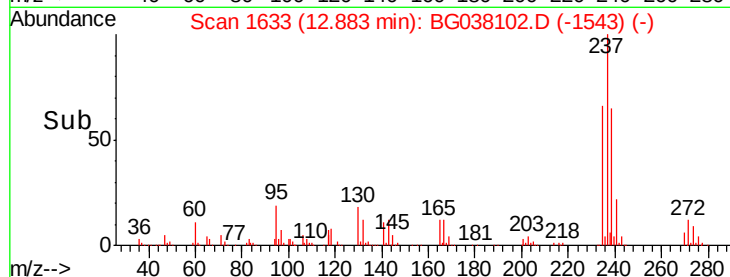
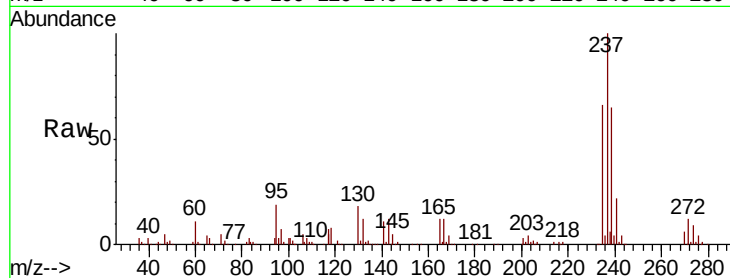
ClientSampleId :

HR-06-111918-AMS

Tot Ion:	237	Resp:	187001
Ion Ratio	Lower	Upper	
237	100		
235	66.0	42.5	82.5
272	11.5	0.0	31.6

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 118.455 ng

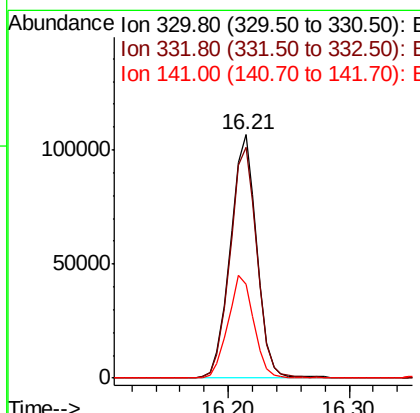
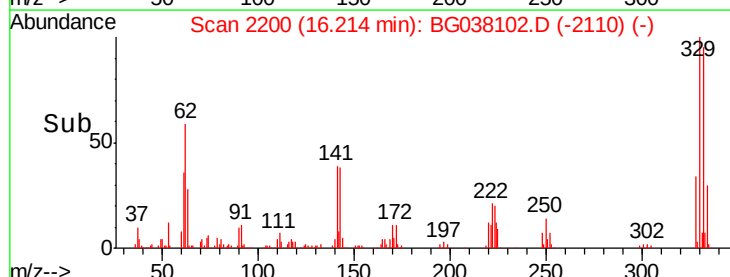
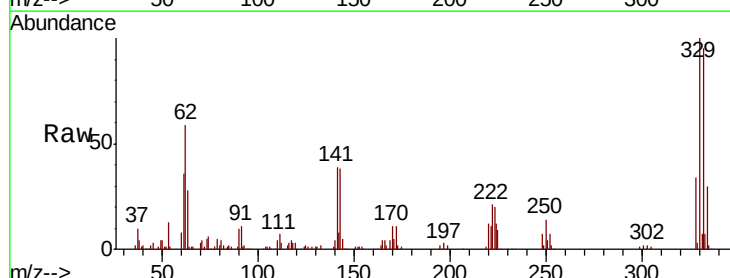
RT: 16.21 min Scan# 2200

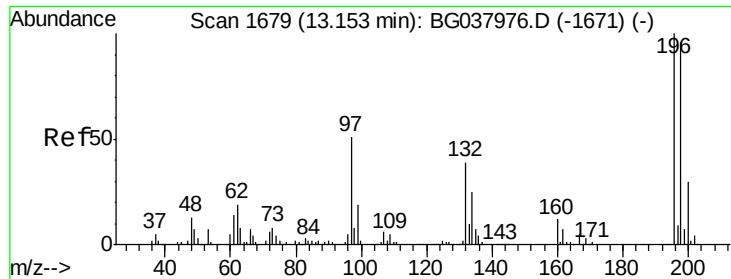
Delta R.T. 0.00 min

Lab File: BG038102.D

Acq: 21 Nov 2018 3:19

Tgt Ion:	330	Resp:	161936
Ion Ratio	Lower	Upper	
330	100		
332	96.4	78.4	117.6
141	41.6	32.2	48.2





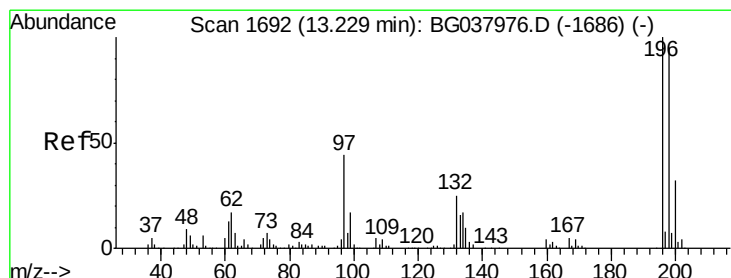
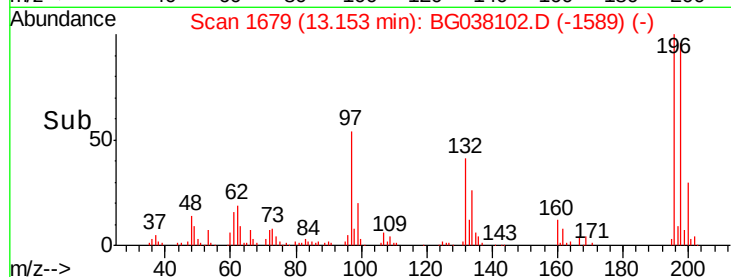
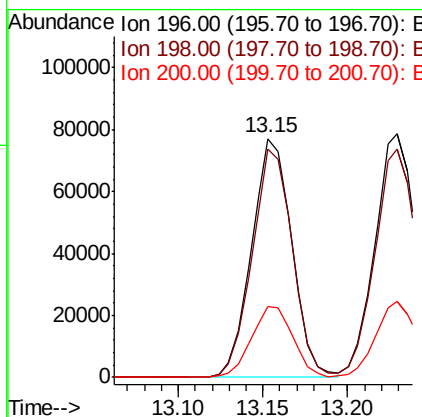
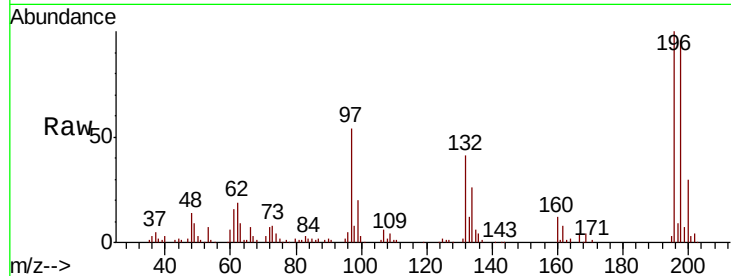
#43
 2,4,6-Trichlorophenol
 Concen: 46.837 ng
 RT: 13.15 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: BG038102.D
 Acq: 21 Nov 2018 3:19

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-111918-AMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	127840		
198	95.6	76.4	114.6	
200	29.6	24.9	37.3	

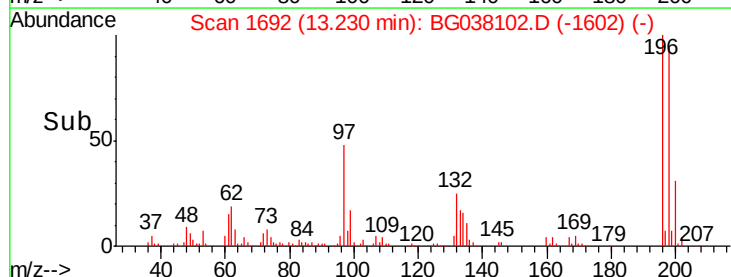
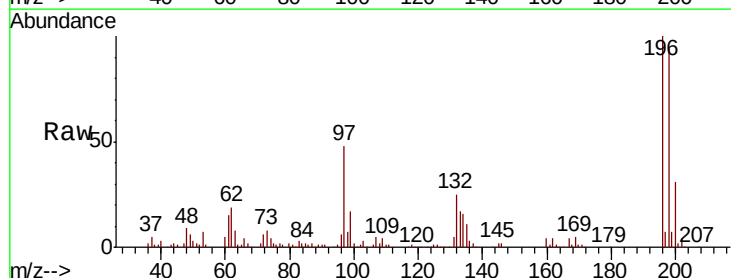
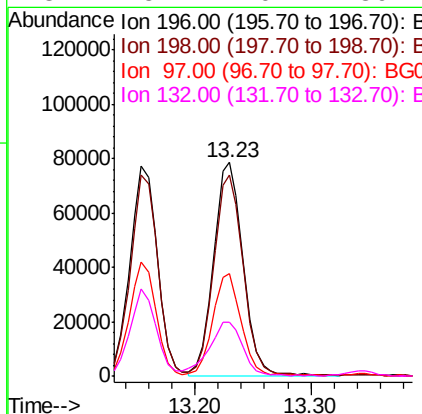
Manual Integrations
 APPROVED

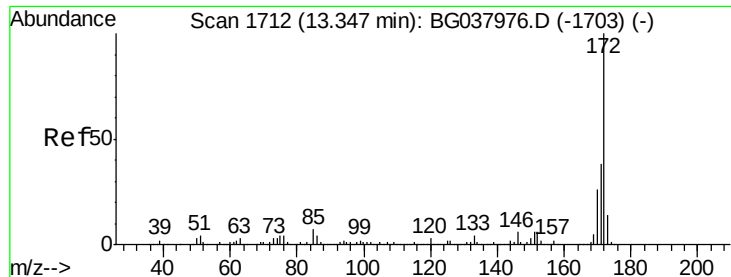
Sohil
 11/21/2018 3:23:20 PM



#44
 2,4,5-Trichlorophenol
 Concen: 47.948 ng
 RT: 13.23 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: BG038102.D
 Acq: 21 Nov 2018 3:19

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	137702		
198	94.0	74.2	111.2	
97	48.1	34.1	51.1	
132	25.4	20.2	30.4	





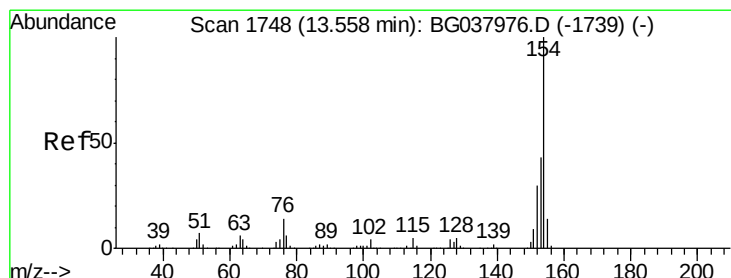
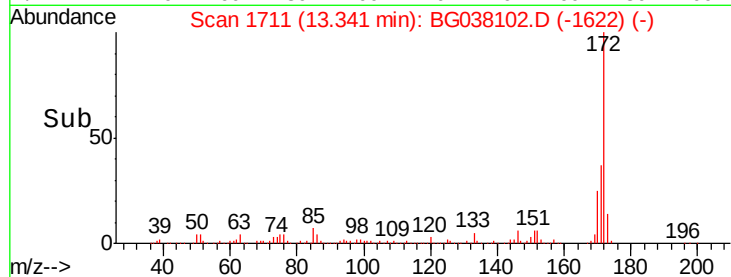
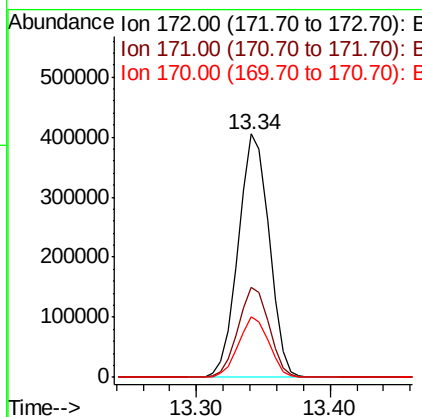
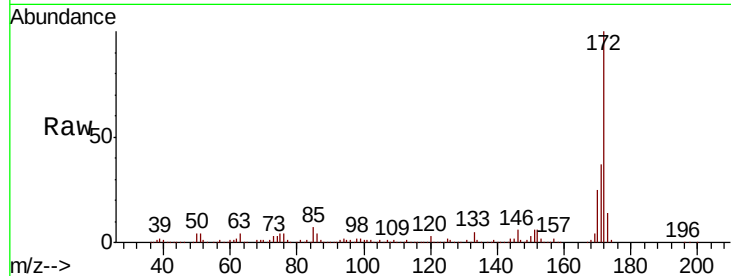
#45
2-Fluorobiphenyl
Concen: 78.709 ng
RT: 13.34 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BG038102.D
Acq: 21 Nov 2018 3:19

Instrument :
BNA_G
ClientSampleId :
HR-06-111918-AMS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.2	31.0	46.4
170	24.6	20.2	30.2

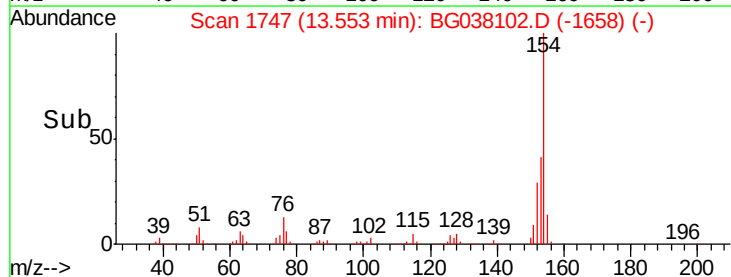
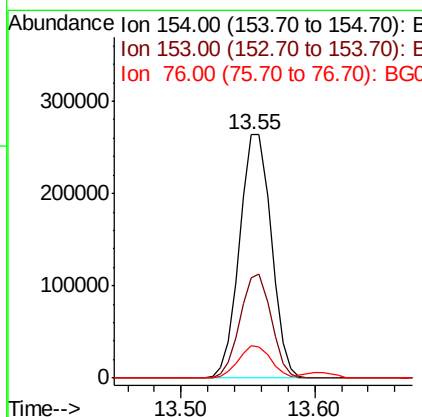
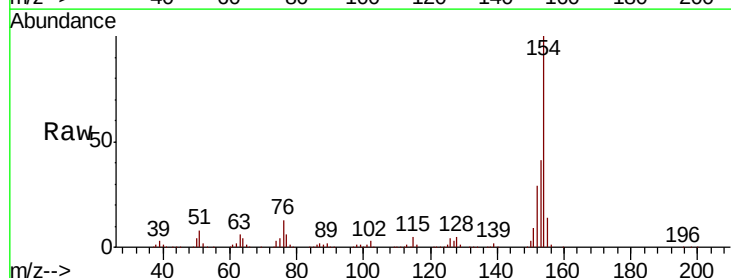
Manual Integrations
APPROVED

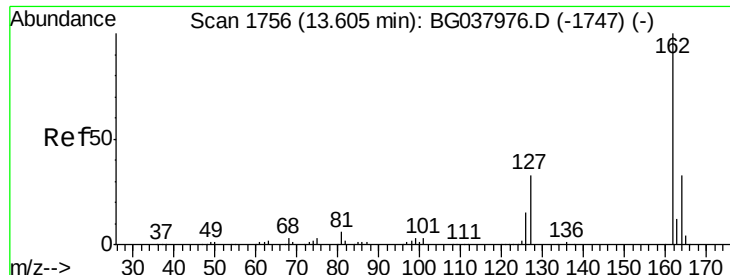
Sohil
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#46
1,1'-Biphenyl
Concen: 43.185 ng
RT: 13.55 min Scan# 1747
Delta R.T. -0.01 min
Lab File: BG038102.D
Acq: 21 Nov 2018 3:19

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	22.1	62.1
76	13.5	0.0	33.2





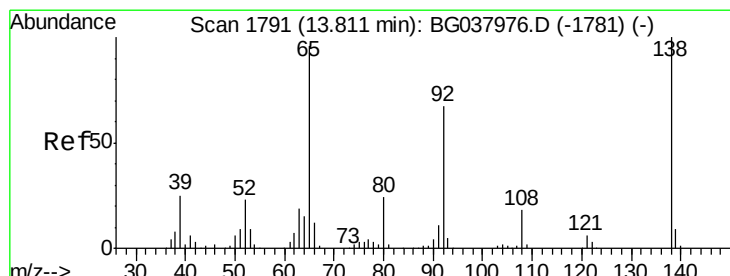
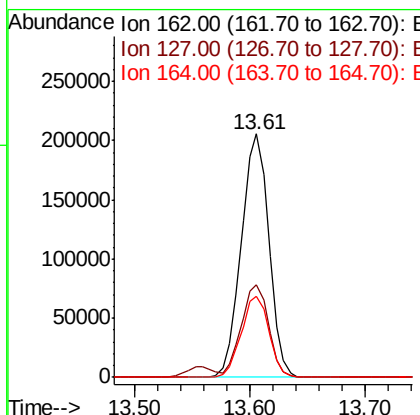
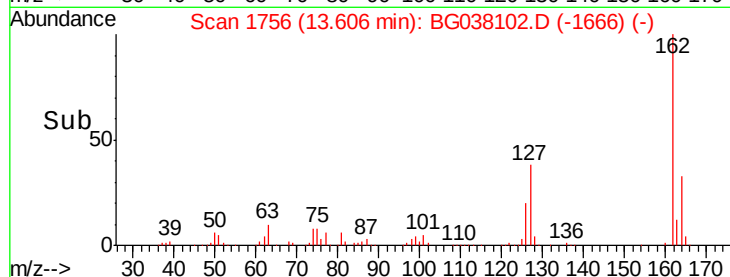
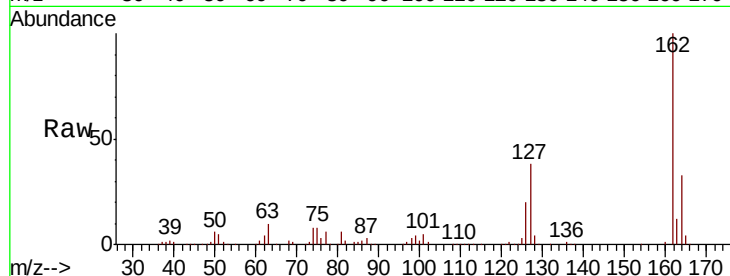
#47
 2-Chloronaphthalene
 Concen: 44.423 ng
 RT: 13.61 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: BG038102.D
 Acq: 21 Nov 2018 3:19

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-111918-AMS

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.8	30.5	45.7
164	33.3	26.4	39.6

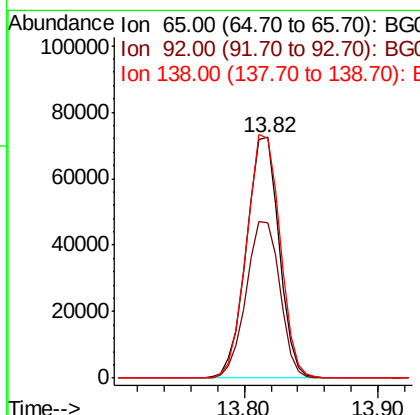
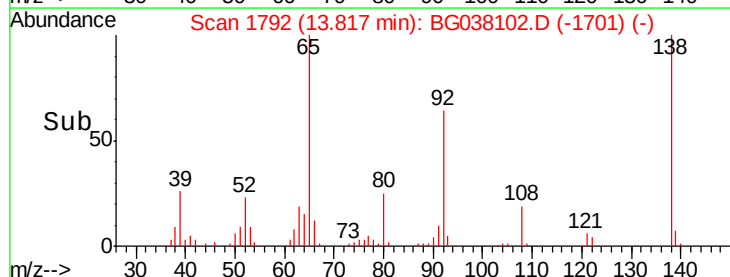
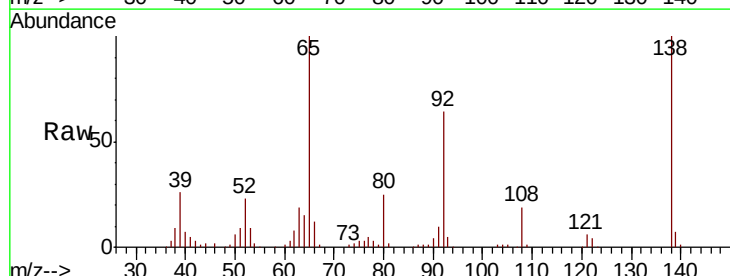
Manual Integrations
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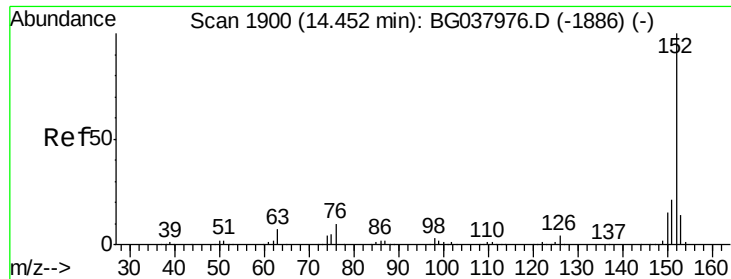
Sohil
 11/21/2018 3:23:20 PM



#48
 2-Nitroaniline
 Concen: 50.617 ng
 RT: 13.82 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: BG038102.D
 Acq: 21 Nov 2018 3:19

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.3	53.2	79.8
138	99.6	79.3	118.9





#49

Acenaphthylene

Concen: 49.276 ng

RT: 14.45 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BG038102.D

Acq: 21 Nov 2018 3:19

Instrument :

BNA_G

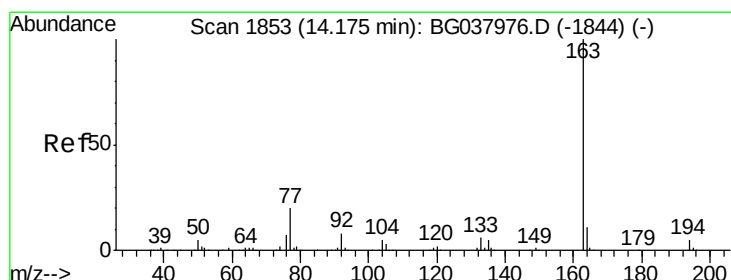
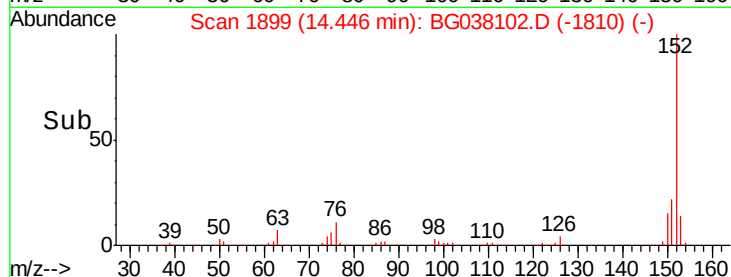
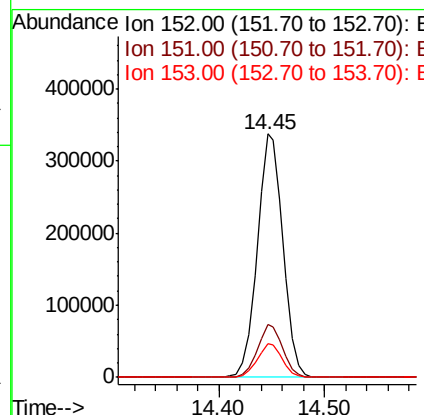
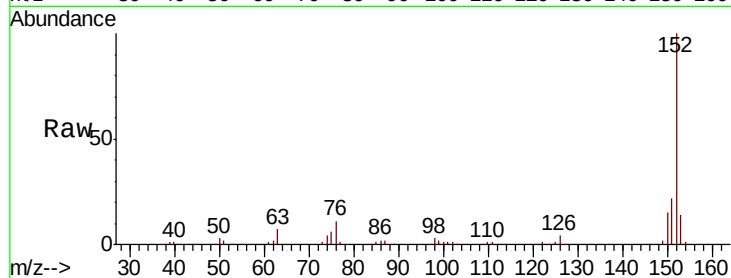
ClientSampleId :

HR-06-111918-AMS

Tot Ion:	152	Resp:	569415
Ion Ratio	Lower	Upper	
152	100		
151	21.7	17.1	25.7
153	14.1	11.1	16.7

Manual Integrations
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#50

Dimethylphthalate

Concen: 47.248 ng

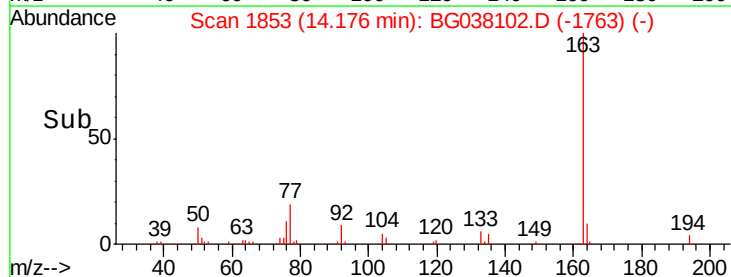
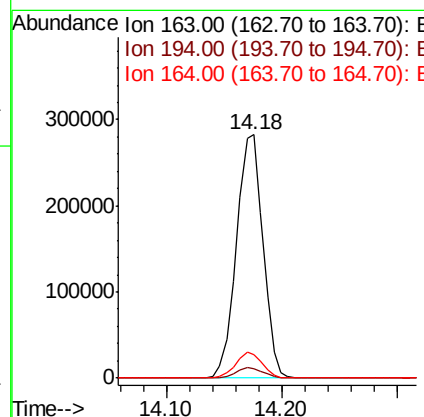
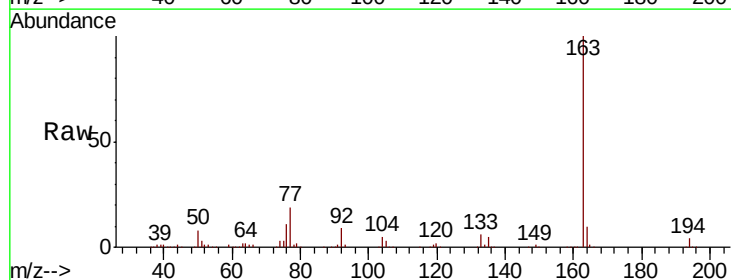
RT: 14.18 min Scan# 1853

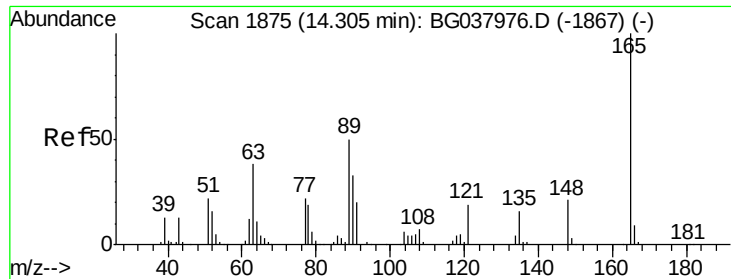
Delta R.T. 0.00 min

Lab File: BG038102.D

Acq: 21 Nov 2018 3:19

Tgt Ion:	163	Resp:	448991
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.5	5.3
164	9.8	8.5	12.7





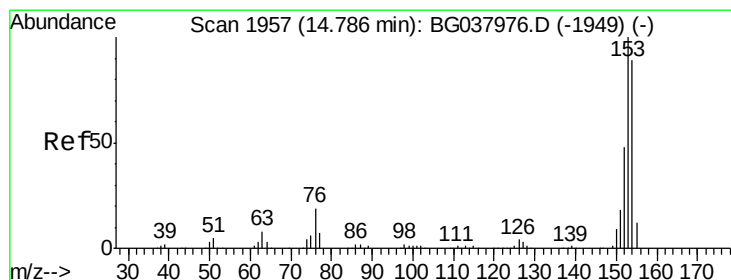
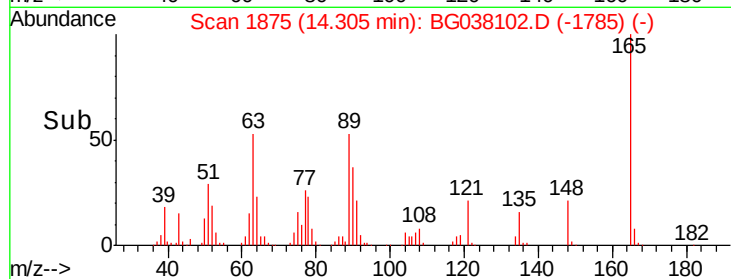
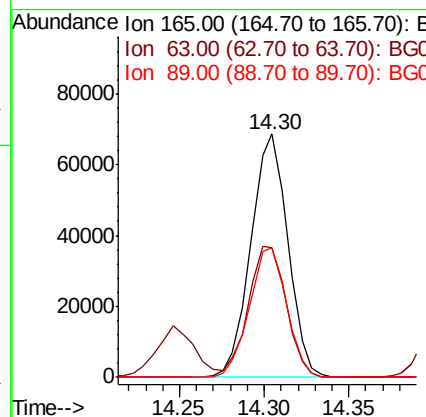
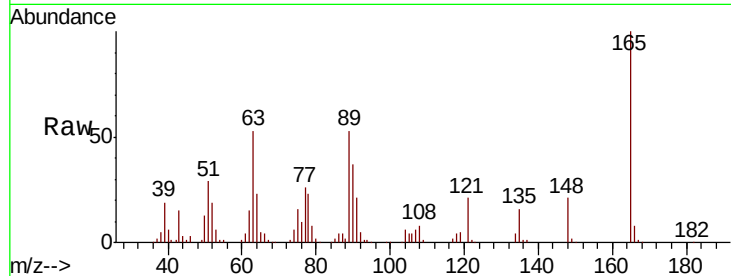
#51
 2,6-Dinitrotoluene
 Concen: 48.545 ng
 RT: 14.30 min Scan# 1875
 Delta R.T. 0.00 min
 Lab File: BG038102.D
 Acq: 21 Nov 2018 3:19

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-111918-AMS

Tot Ion	Ratio	Lower	Upper
165	100		
63	53.3	43.4	65.2
89	53.4	45.8	68.6

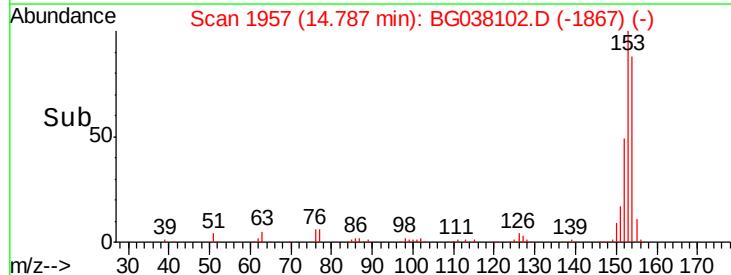
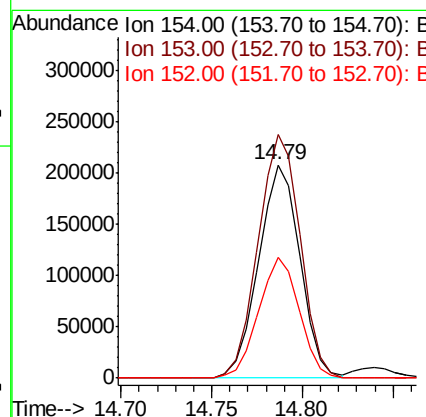
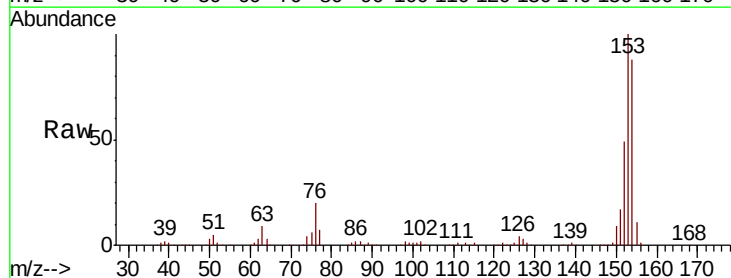
Manual Integrations
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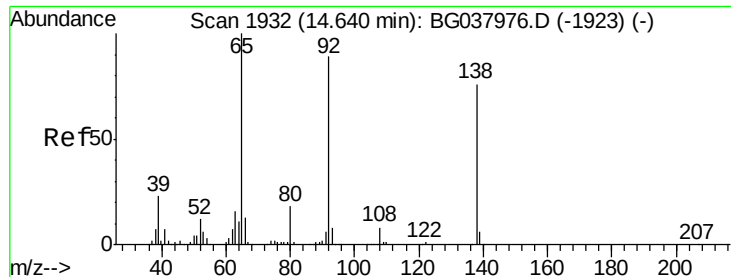
Sohil
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#52
 Acenaphthene
 Concen: 47.450 ng
 RT: 14.79 min Scan# 1957
 Delta R.T. 0.00 min
 Lab File: BG038102.D
 Acq: 21 Nov 2018 3:19

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.1	93.4	140.0
152	56.4	44.7	67.1





#53

3-Nitroaniline

Concen: 17.197 ng

RT: 14.63 min Scan# 1931

Delta R.T. -0.01 min

Lab File: BG038102.D

Acq: 21 Nov 2018 3:19

Instrument :

BNA_G

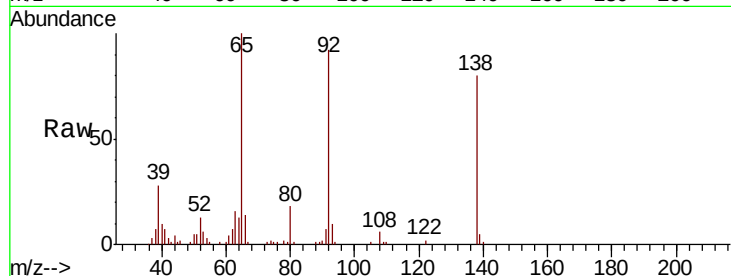
ClientSampleId :

HR-06-111918-AMS

Tot Ion	Ratio	Lower	Upper
138	100		
108	7.2	11.0	16.6#
92	114.1	95.2	142.8

Manual Integrations
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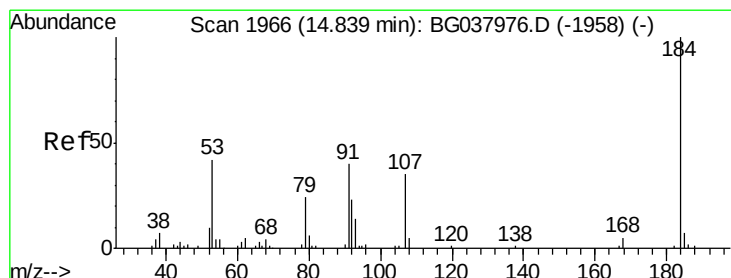
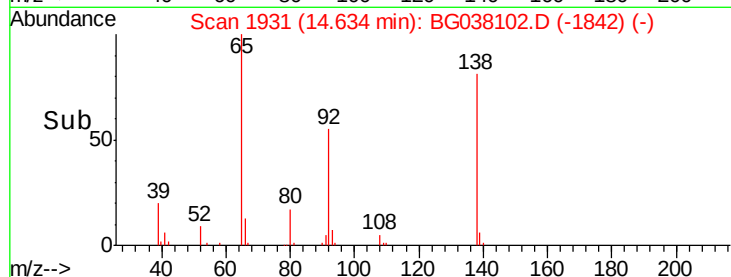
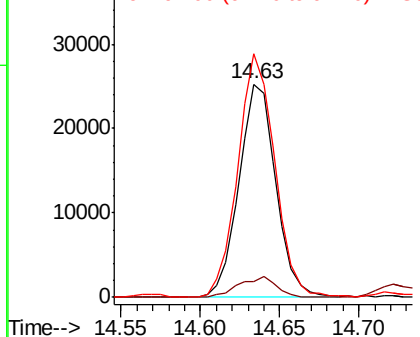


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 32.848 ng

RT: 14.84 min Scan# 1966

Delta R.T. 0.00 min

Lab File: BG038102.D

Acq: 21 Nov 2018 3:19

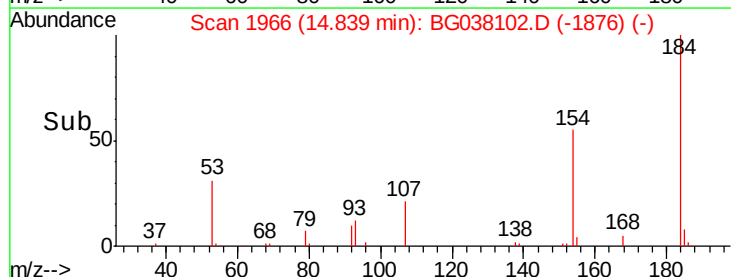
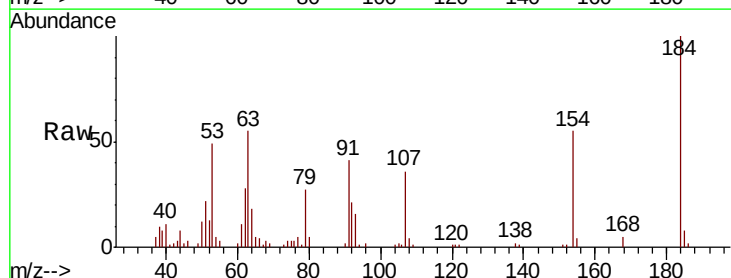
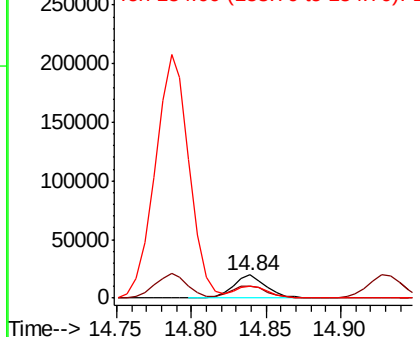
Tgt Ion	Ratio	Lower	Upper
184	100		
63	55.0	42.6	63.8
154	54.6	41.8	62.6

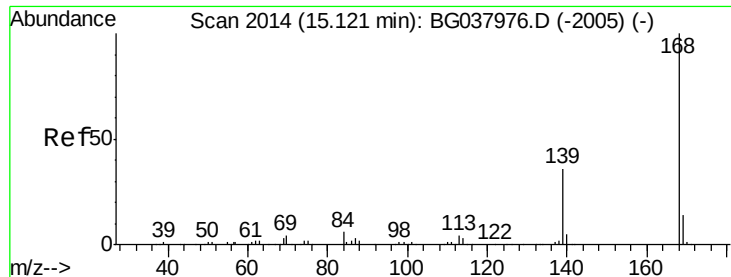
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





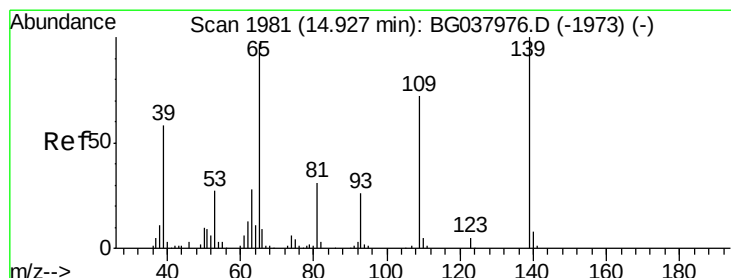
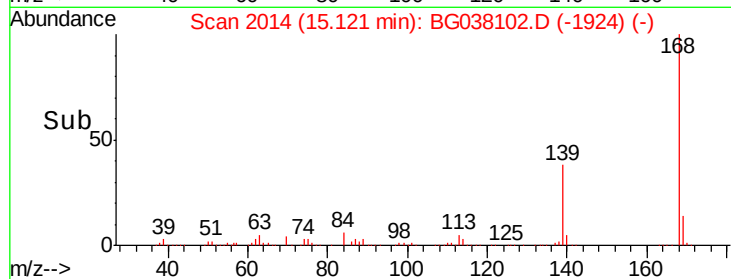
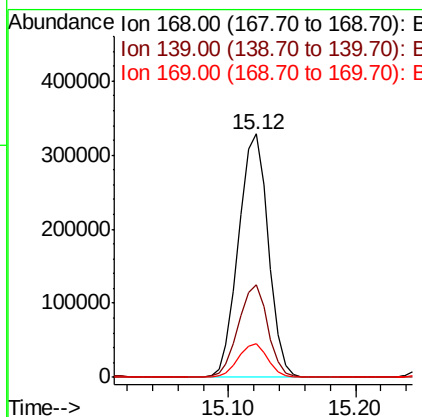
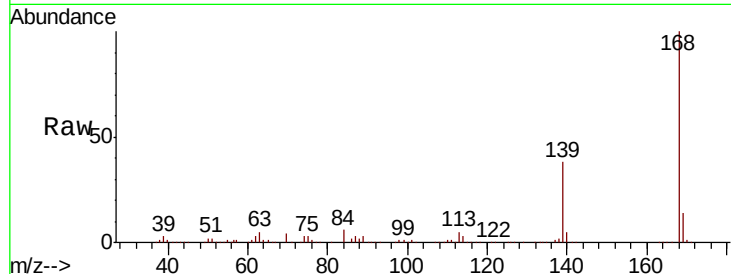
#55
Dibenzenofuran
Concen: 46.351 ng
RT: 15.12 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BG038102.D
Acq: 21 Nov 2018 3:19

Instrument :
BNA_G
ClientSampleId :
HR-06-111918-AMS

Tot Ion	Ratio	Resp	Lower	Upper
168	100	533190		
139	37.9	29.4	44.0	
169	14.1	11.0	16.6	

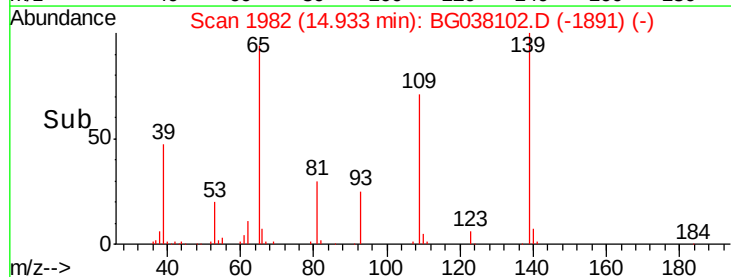
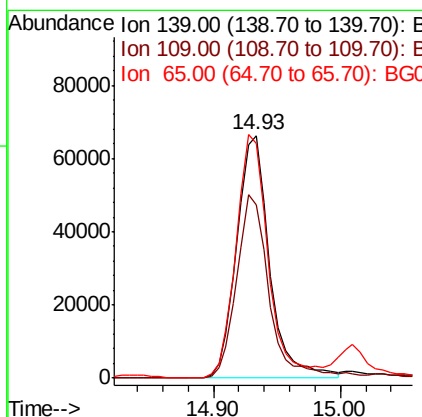
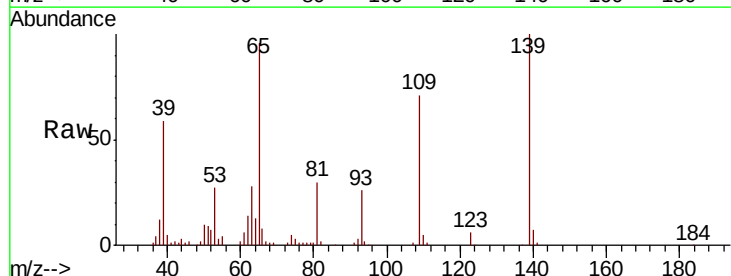
Manual Integrations
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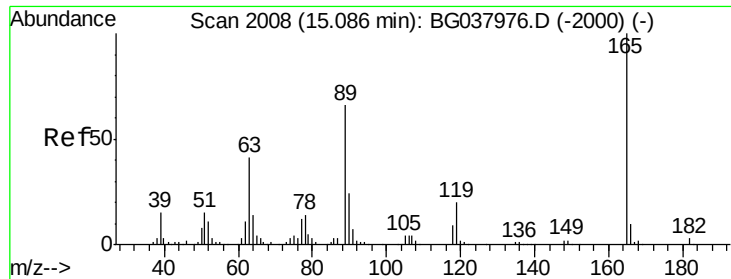
Sohil
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#56
4-Nitrophenol
Concen: 65.341 ng
RT: 14.93 min Scan# 1982
Delta R.T. 0.01 min
Lab File: BG038102.D
Acq: 21 Nov 2018 3:19

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	119600		
109	71.3	49.5	89.5	
65	96.4	76.8	116.8	





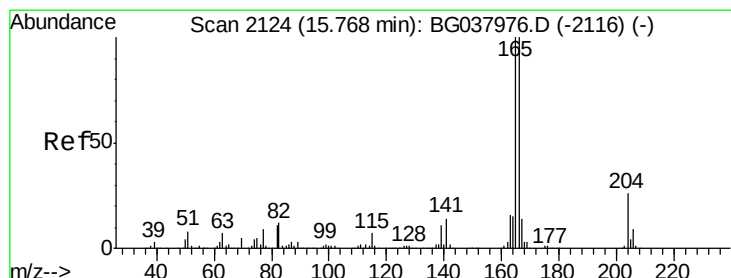
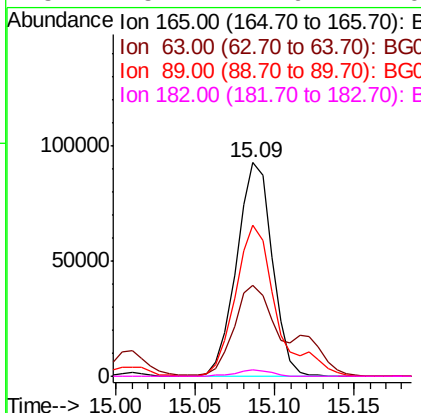
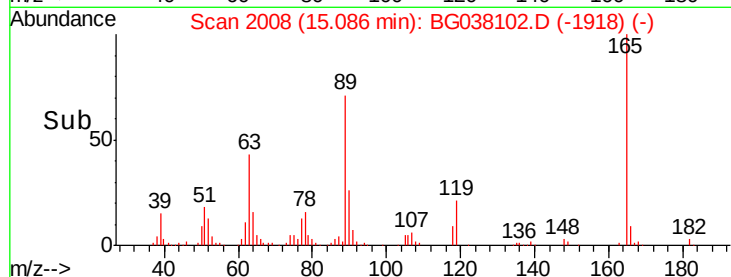
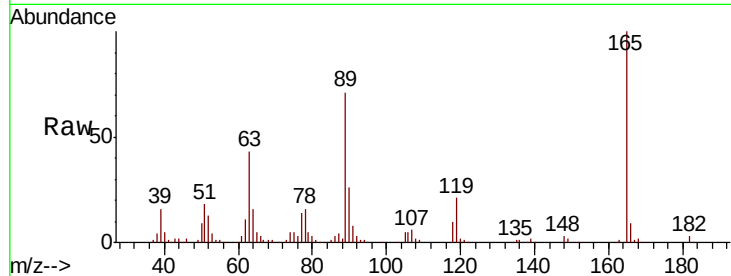
#57
 2,4-Dinitrotoluene
 Concen: 49.114 ng
 RT: 15.09 min Scan# 2008
 Delta R.T. 0.00 min
 Lab File: BG038102.D
 Acq: 21 Nov 2018 3:19

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-111918-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100				
63	42.5	33.4	50.0		
89	70.7	57.2	85.8		
182	3.1	2.6	4.0		

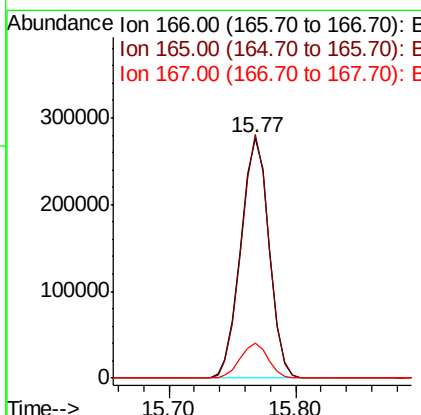
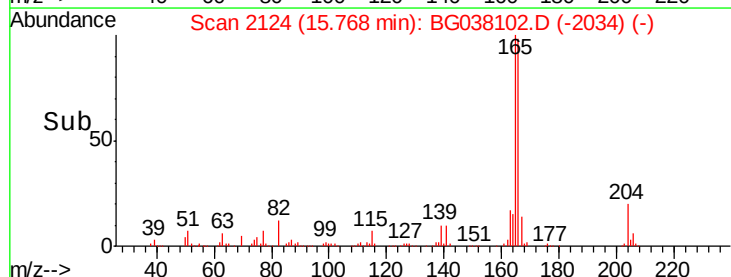
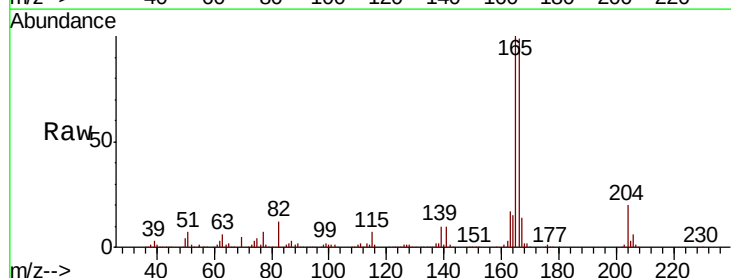
Manual Integrations
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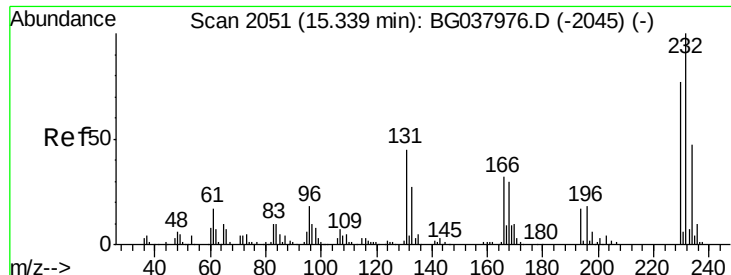
Sohil
 11/21/2018 3:23:20 PM



#58
 Fluorene
 Concen: 50.196 ng
 RT: 15.77 min Scan# 2124
 Delta R.T. 0.00 min
 Lab File: BG038102.D
 Acq: 21 Nov 2018 3:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100				
165	101.3	79.0	118.6		
167	14.5	11.3	16.9		





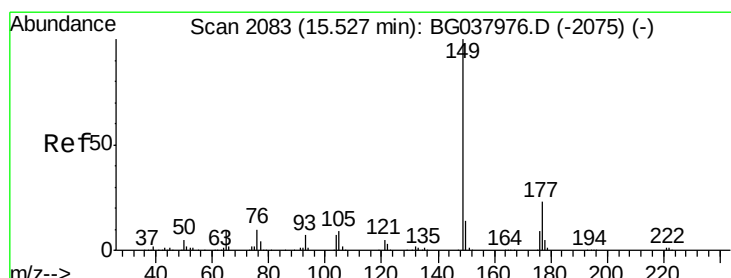
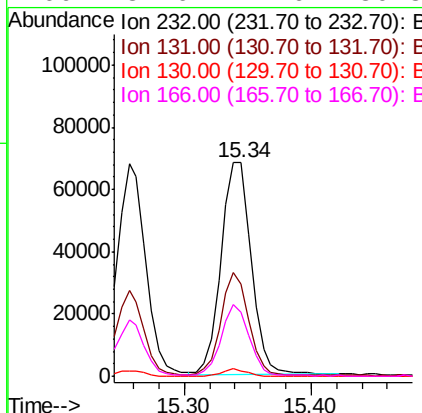
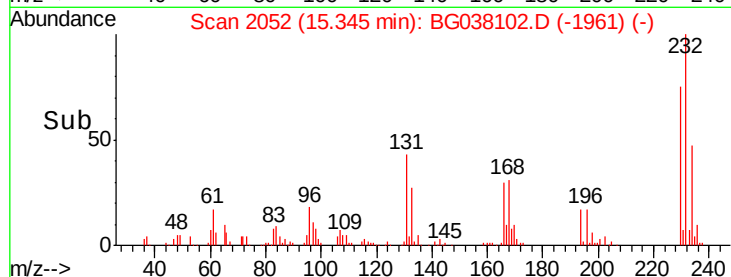
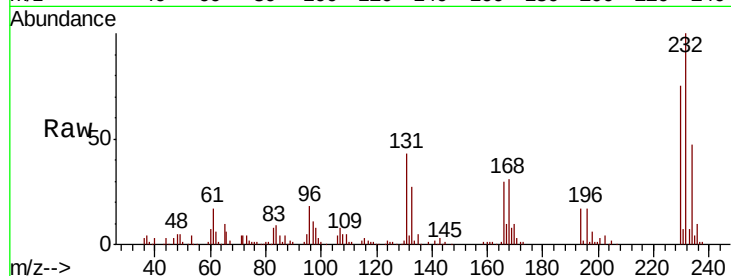
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.241 ng
RT: 15.34 min Scan# 2052
Delta R.T. 0.01 min
Lab File: BG038102.D
Acq: 21 Nov 2018 3:19

Instrument :
BNA_G
ClientSampleId :
HR-06-111918-AMS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	113525		
131	45.0	33.7	50.5	
130	2.6	2.1	3.1	
166	31.6	24.6	36.8	

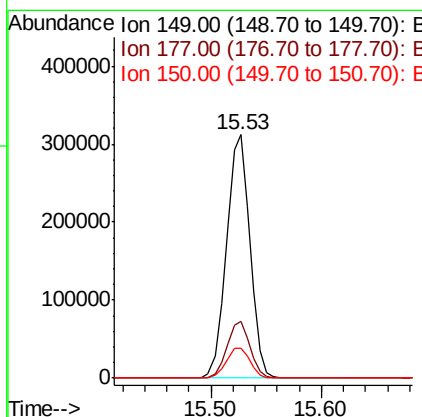
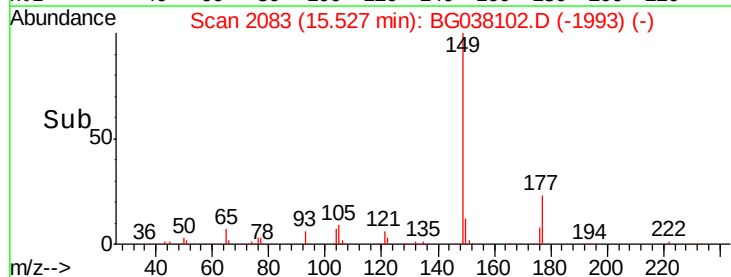
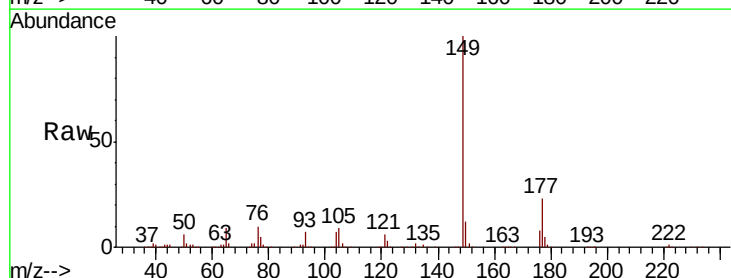
Manual Integrations
APPROVED

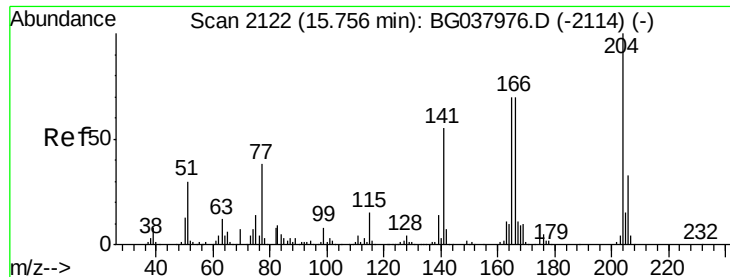
Sohil
11/21/2018 3:23:20 PM



#60
Diethylphthalate
Concen: 45.888 ng
RT: 15.53 min Scan# 2083
Delta R.T. 0.00 min
Lab File: BG038102.D
Acq: 21 Nov 2018 3:19

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	463169		
177	23.2	18.3	27.5	
150	12.2	10.0	15.0	





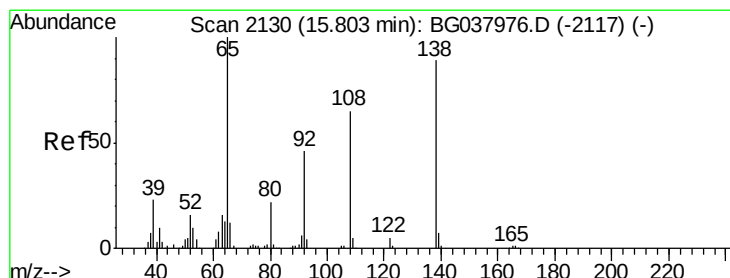
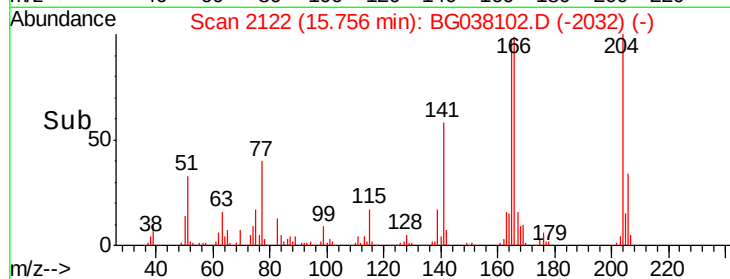
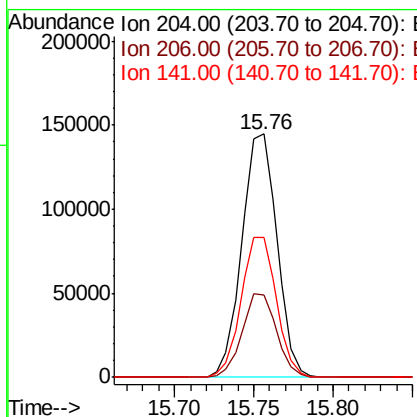
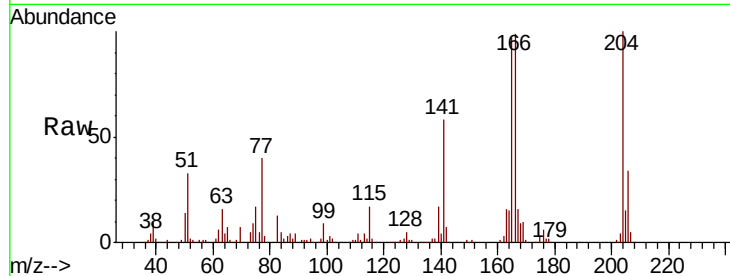
#61
 4-Chlorophenyl-phenylether
 Concen: 44.457 ng
 RT: 15.76 min Scan# 2122
 Delta R.T. 0.00 min
 Lab File: BG038102.D
 Acq: 21 Nov 2018 3:19

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-111918-AMS

Tot Ion:	204	Resp:	223270
Ion Ratio	Lower	Upper	
204	100		
206	33.6	26.6	39.8
141	57.7	45.4	68.2

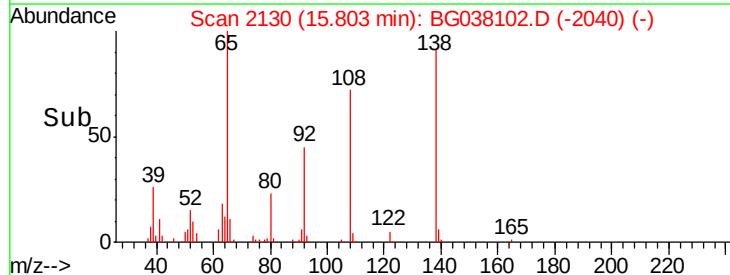
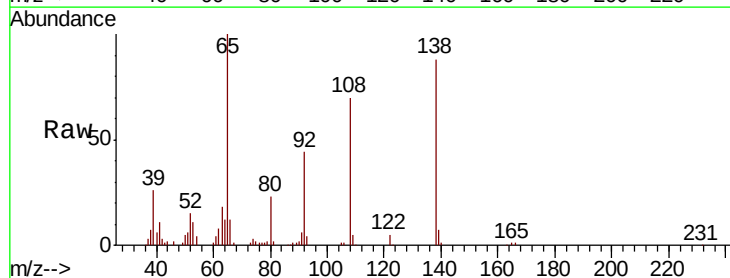
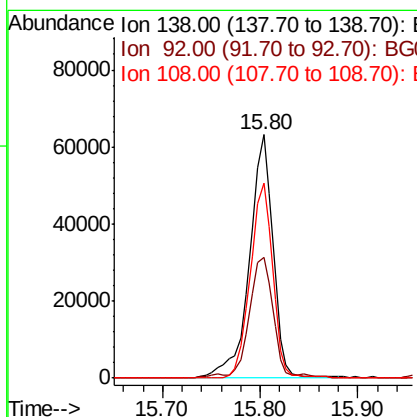
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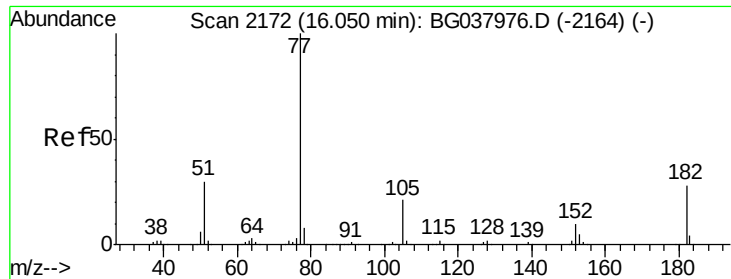
Sohil
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#62
 4-Nitroaniline
 Concen: 45.135 ng
 RT: 15.80 min Scan# 2130
 Delta R.T. 0.00 min
 Lab File: BG038102.D
 Acq: 21 Nov 2018 3:19

Tgt Ion:	138	Resp:	106410
Ion Ratio	Lower	Upper	
138	100		
92	49.7	36.4	76.4
108	80.2	60.1	100.1





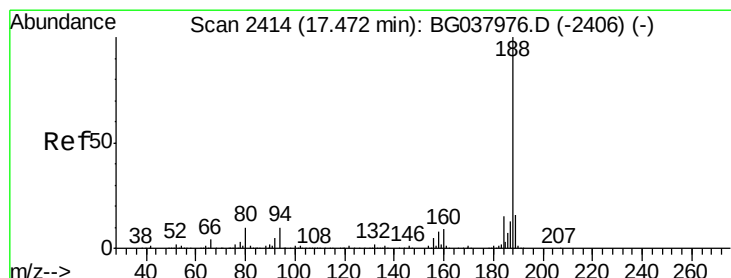
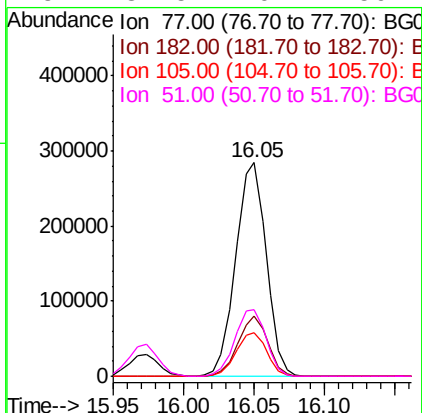
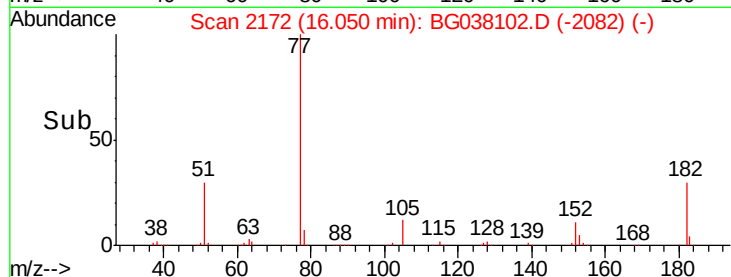
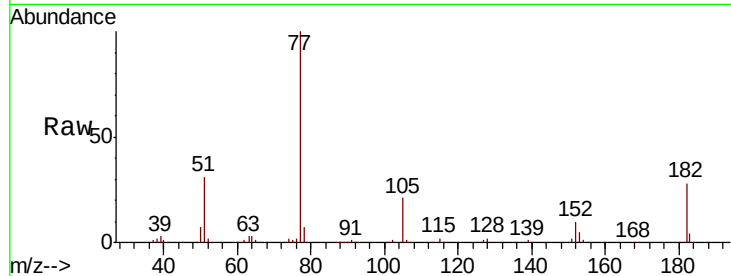
#63
Azobenzene
Concen: 47.702 ng
RT: 16.05 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BG038102.D
Acq: 21 Nov 2018 3:19

Instrument :
BNA_G
ClientSampleId :
HR-06-111918-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	28.2	8.0	48.0		
105	20.6	1.3	41.3		
51	31.5	10.7	50.7		

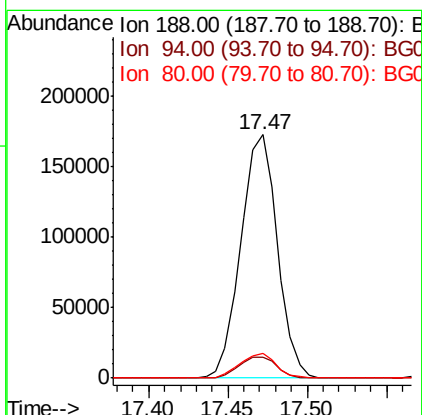
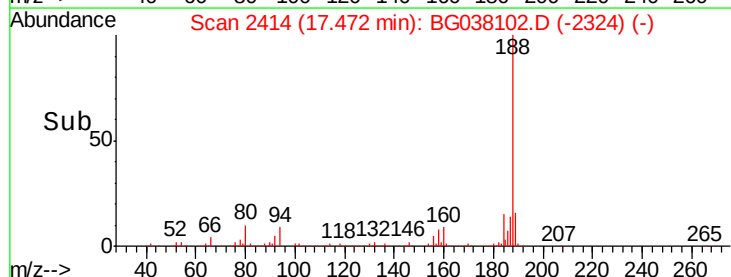
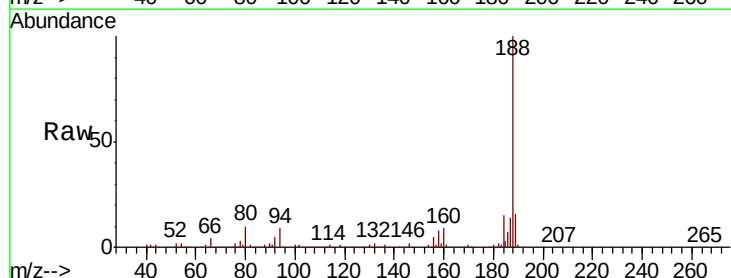
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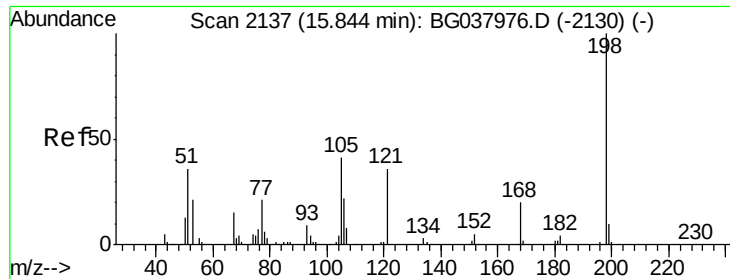
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. 0.00 min
Lab File: BG038102.D
Acq: 21 Nov 2018 3:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	8.8	7.2	10.8		
80	9.9	7.7	11.5		





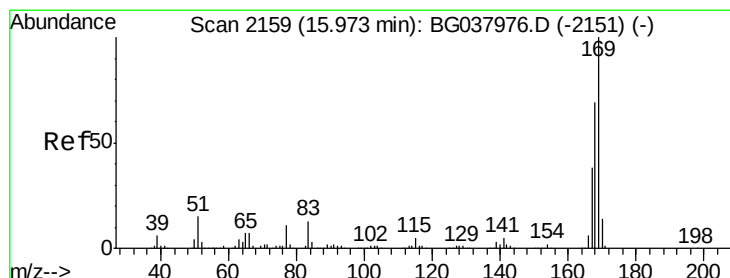
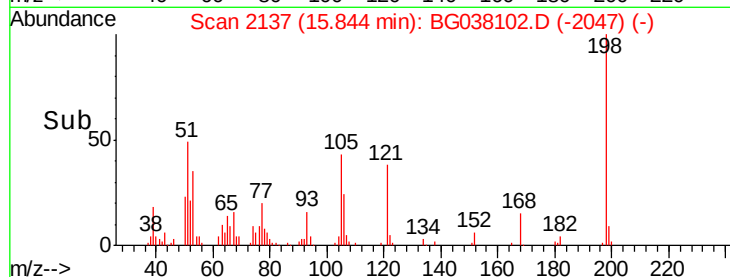
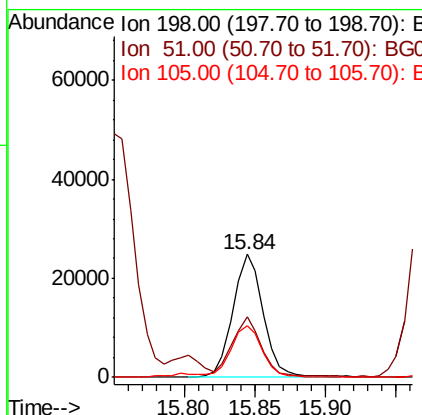
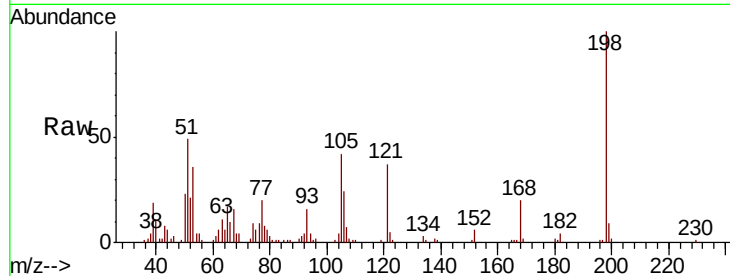
#65
4,6-Dinitro-2-methylphenol
Concen: 21.280 ng
RT: 15.84 min Scan# 2137
Delta R.T. 0.00 min
Lab File: BG038102.D
Acq: 21 Nov 2018 3:19

Instrument :
BNA_G
ClientSampleId :
HR-06-111918-AMS

Tot Ion	Ratio	Lower	Upper
198	100		
51	48.9	22.7	62.7
105	42.2	19.7	59.7

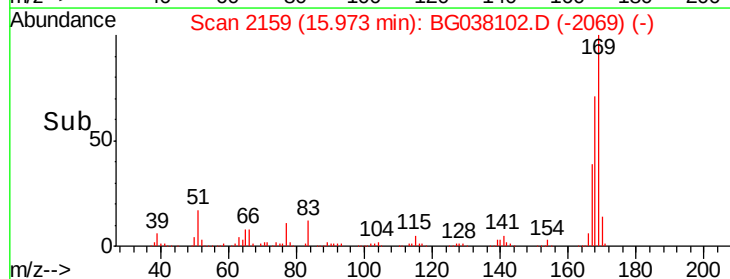
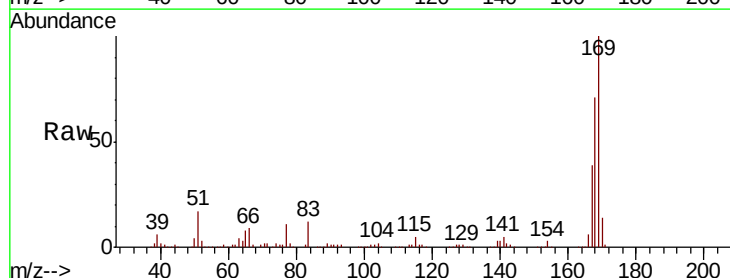
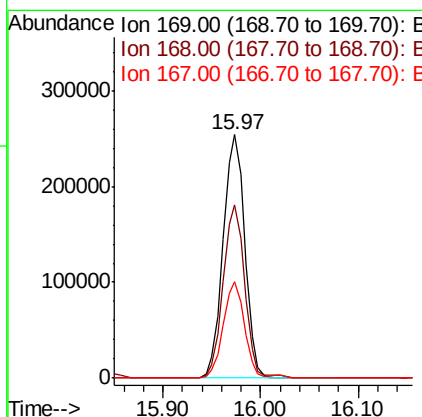
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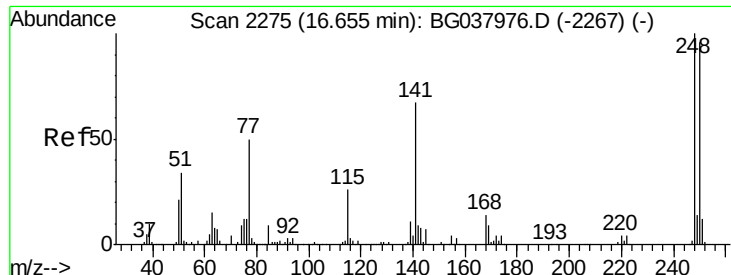
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#66
n-Nitrosodiphenylamine
Concen: 46.595 ng
RT: 15.97 min Scan# 2159
Delta R.T. 0.00 min
Lab File: BG038102.D
Acq: 21 Nov 2018 3:19

Tgt Ion	Ratio	Lower	Upper
169	100		
168	71.0	55.7	83.5
167	39.3	31.3	46.9





#67

4-Bromophenyl-phenylether

Concen: 46.052 ng

RT: 16.65 min Scan# 2274

Delta R.T. -0.01 min

Lab File: BG038102.D

Acq: 21 Nov 2018 3:19

Instrument :

BNA_G

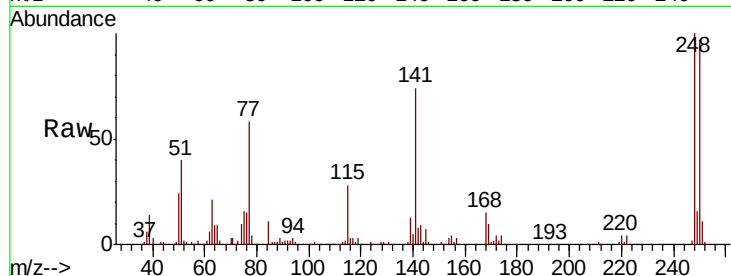
ClientSampleId :

HR-06-111918-AMS

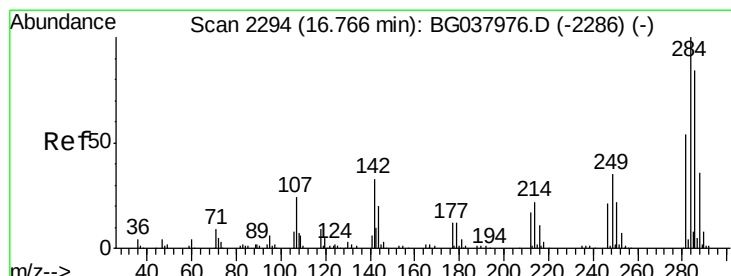
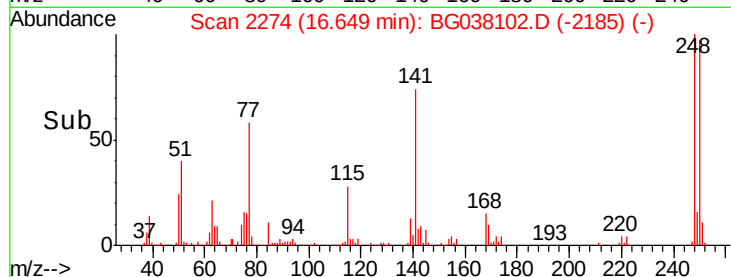
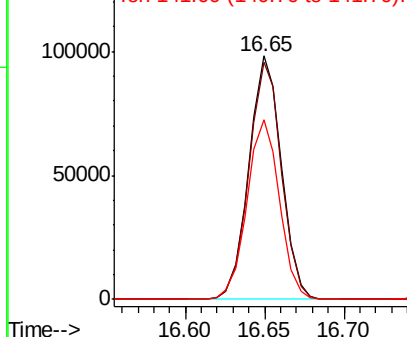
Tot Ion:	248	Resp:	139640
Ion Ratio	Lower	Upper	
248	100		
250	97.3	77.0	115.6
141	73.9	55.5	83.3

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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: 46.448 ng

RT: 16.77 min Scan# 2294

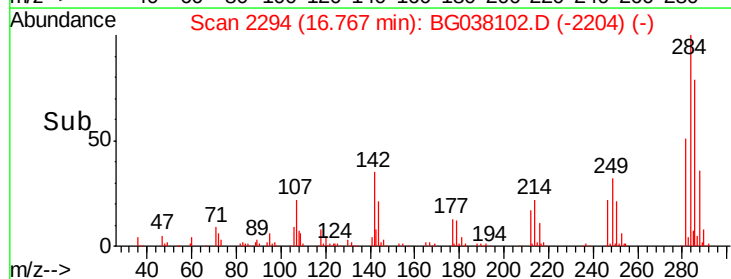
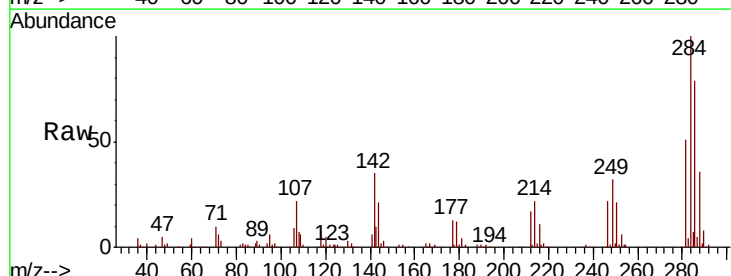
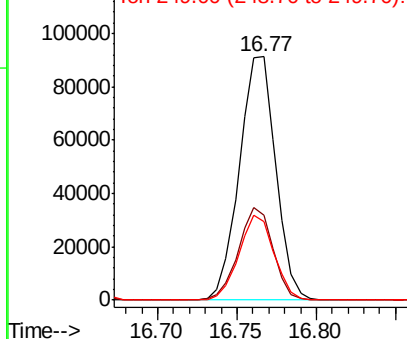
Delta R.T. 0.00 min

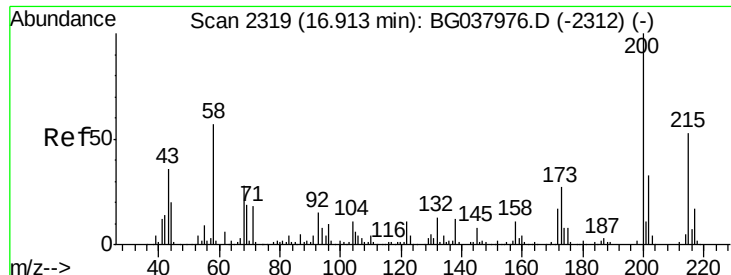
Lab File: BG038102.D

Acq: 21 Nov 2018 3:19

Tgt Ion:	284	Resp:	145375
Ion Ratio	Lower	Upper	
284	100		
142	34.9	28.1	42.1
249	34.4	29.8	44.8

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





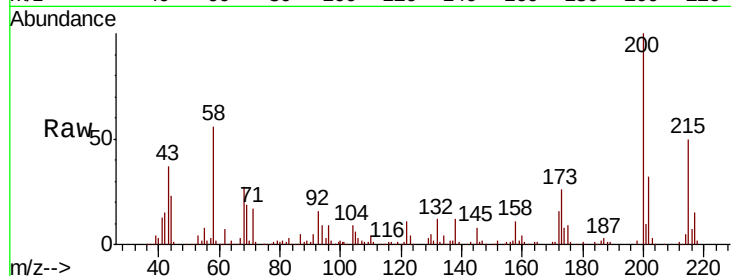
#69
Atrazine
Concen: 45.917 ng
RT: 16.91 min Scan# 2319
Delta R.T. 0.00 min
Lab File: BG038102.D
Acq: 21 Nov 2018 3:19

Instrument :
BNA_G
ClientSampleId :
HR-06-111918-AMS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.4	6.1	46.1
215	50.3	30.8	70.8

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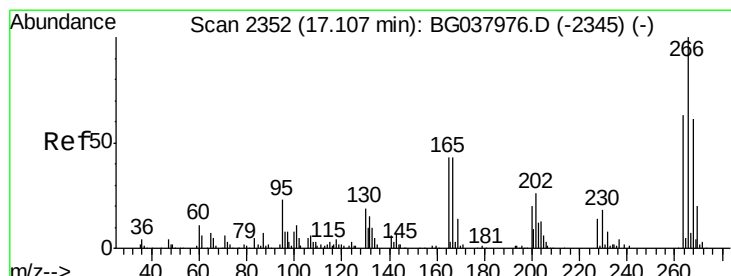
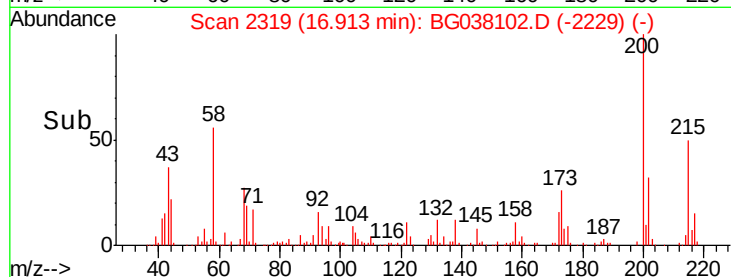
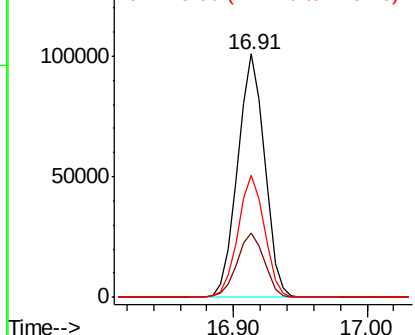


Abundance

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: 42.909 ng
RT: 17.11 min Scan# 2353
Delta R.T. 0.01 min
Lab File: BG038102.D
Acq: 21 Nov 2018 3:19

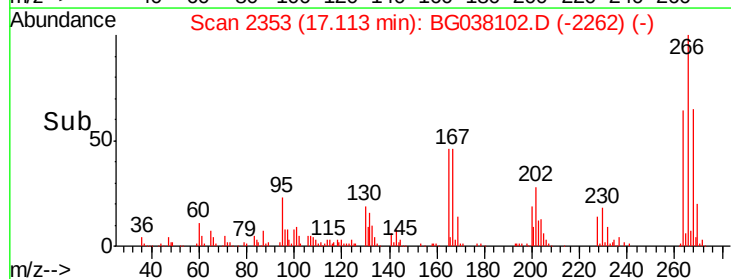
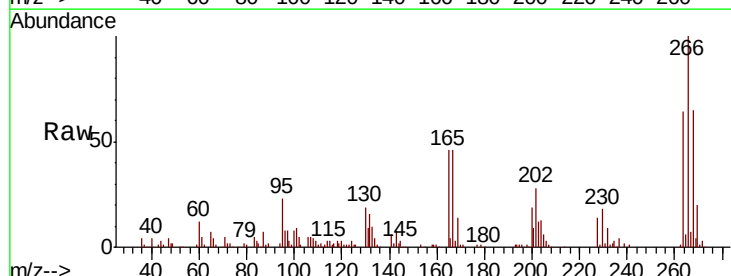
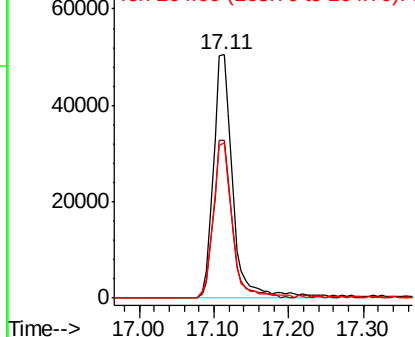
Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	68.8	55.0	82.6
264	69.3	58.9	88.3

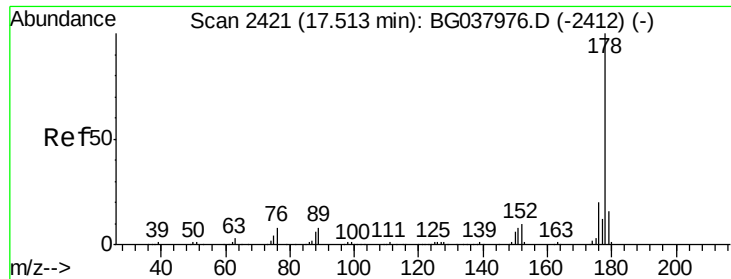
Abundance

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





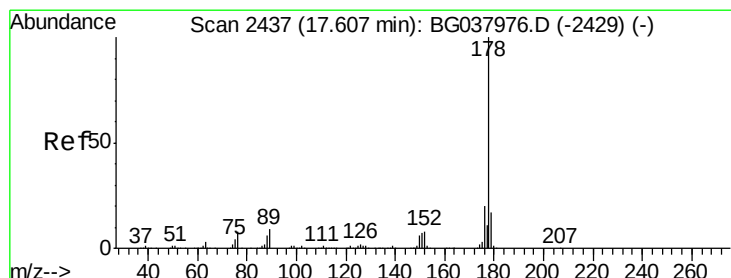
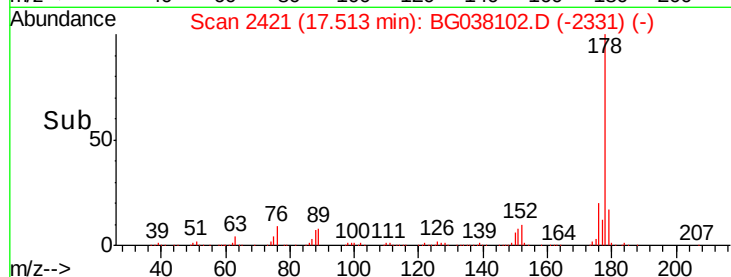
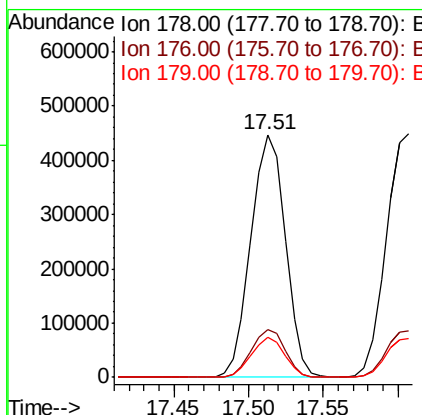
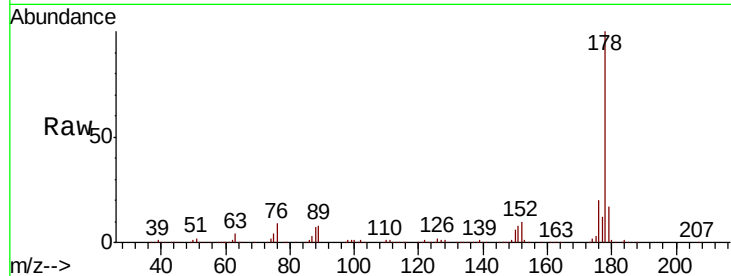
#71
Phenanthrene
Concen: 50.499 ng
RT: 17.51 min Scan# 2421
Delta R.T. 0.00 min
Lab File: BG038102.D
Acq: 21 Nov 2018 3:19

Instrument :
BNA_G
ClientSampleId :
HR-06-111918-AMS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.1	24.1
179	16.6	13.0	19.4

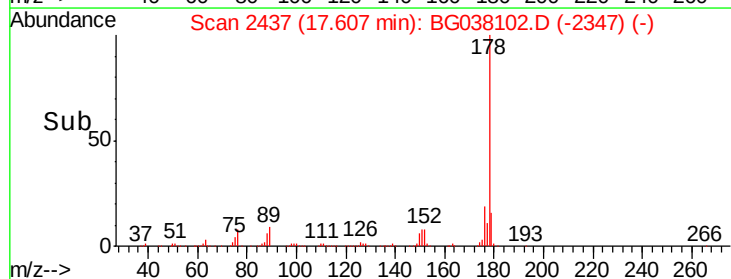
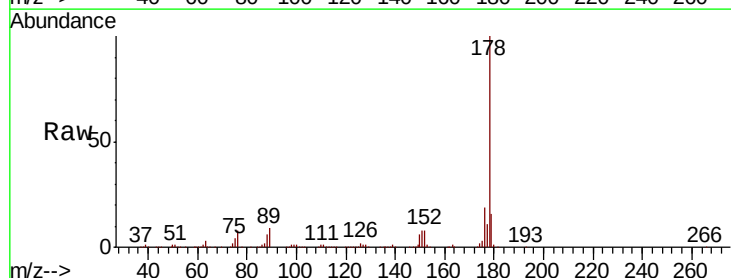
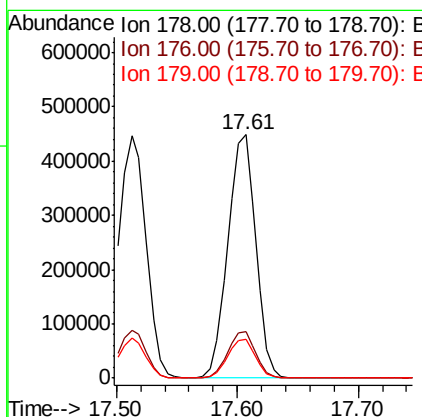
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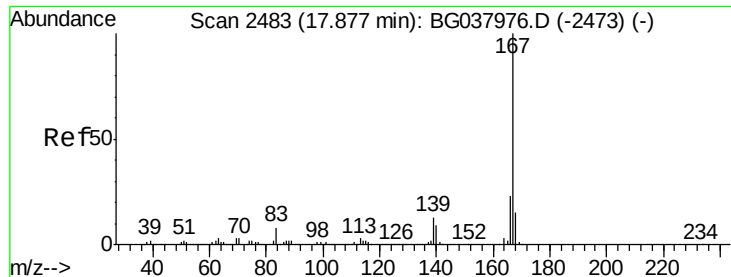
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#72
Anthracene
Concen: 51.589 ng
RT: 17.61 min Scan# 2437
Delta R.T. 0.00 min
Lab File: BG038102.D
Acq: 21 Nov 2018 3:19

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.0	22.4
179	16.2	12.8	19.2





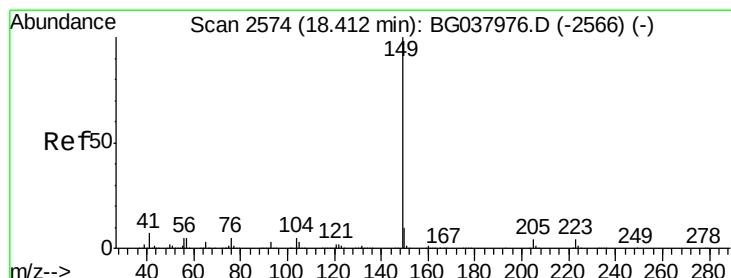
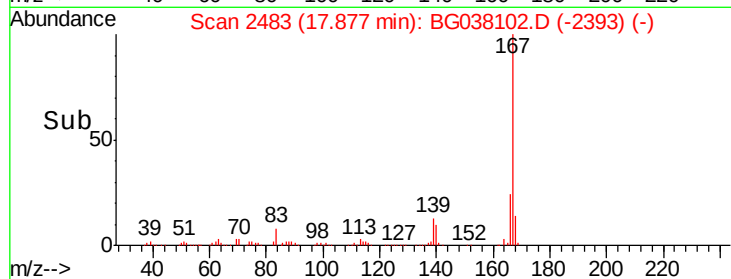
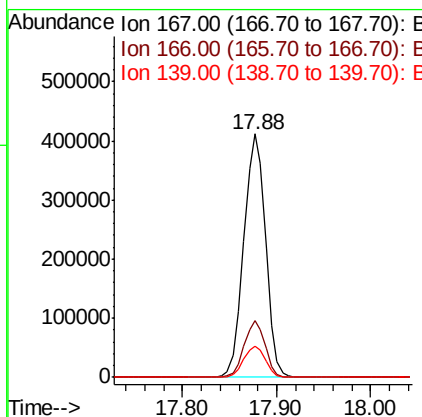
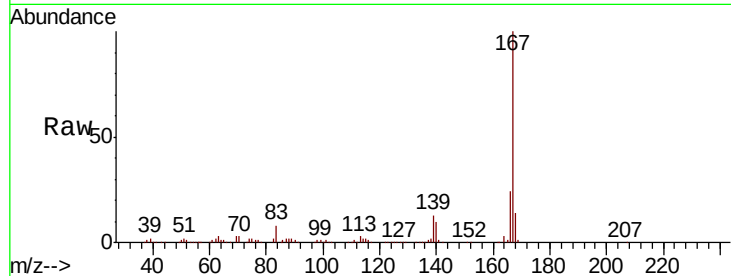
#73
 Carbazole
 Concen: 47.033 ng
 RT: 17.88 min Scan# 2483
 Delta R.T. 0.00 min
 Lab File: BG038102.D
 Acq: 21 Nov 2018 3:19

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-111918-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
167	100		657916		
166	23.5	18.3	27.5		
139	12.9	10.5	15.7		

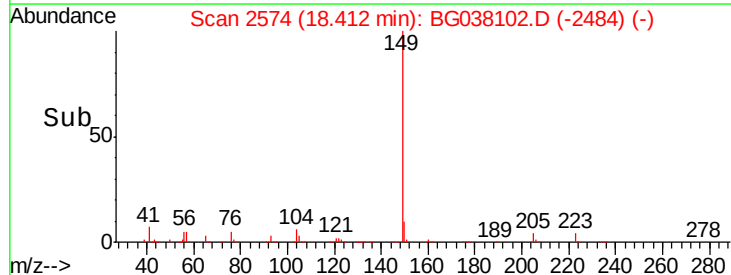
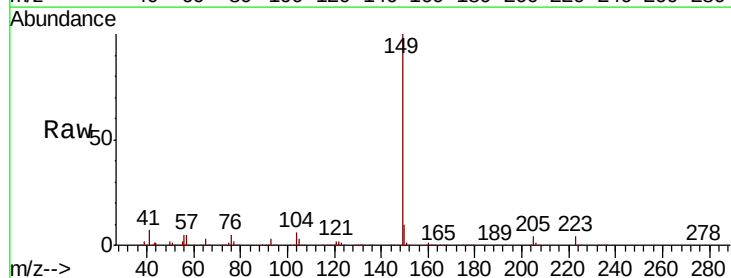
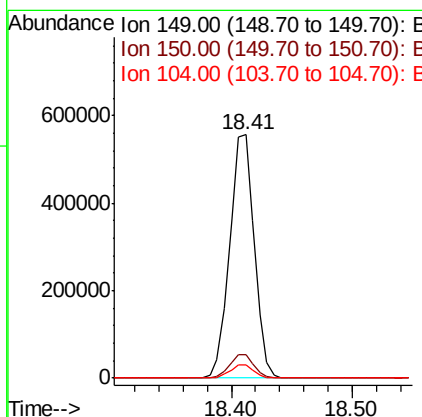
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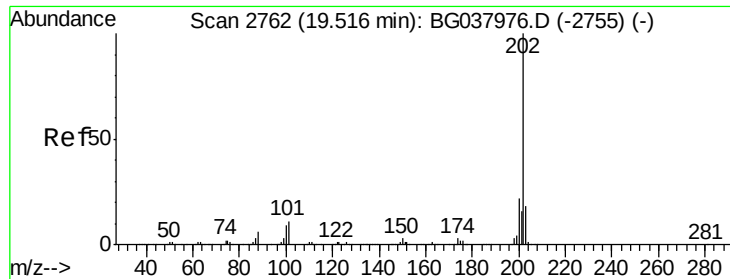
Sohil
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#74
 Di-n-butylphthalate
 Concen: 50.264 ng
 RT: 18.41 min Scan# 2574
 Delta R.T. 0.00 min
 Lab File: BG038102.D
 Acq: 21 Nov 2018 3:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		789276		
150	9.7	8.2	12.2		
104	5.5	4.0	6.0		





#75

Fluoranthene

Concen: 51.306 ng

RT: 19.52 min Scan# 2762

Delta R.T. 0.00 min

Lab File: BG038102.D

Acq: 21 Nov 2018 3:19

Instrument :

BNA_G

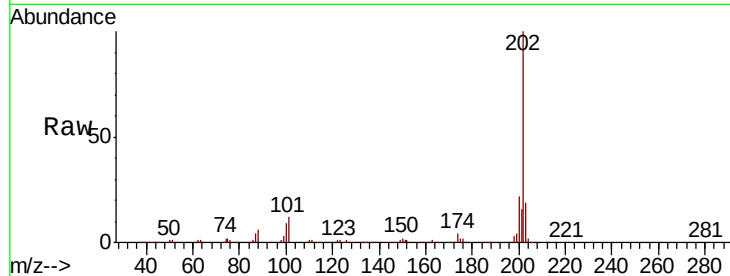
ClientSampleId :

HR-06-111918-AMS

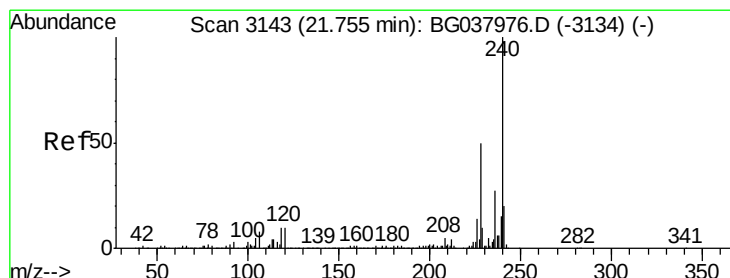
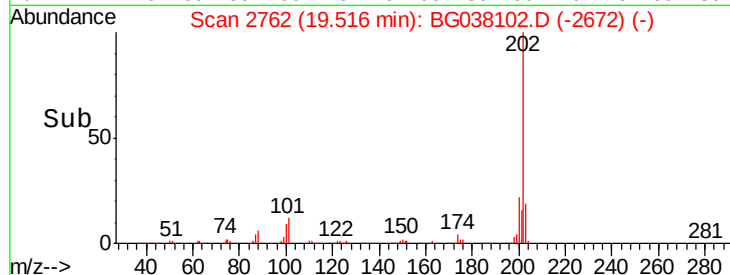
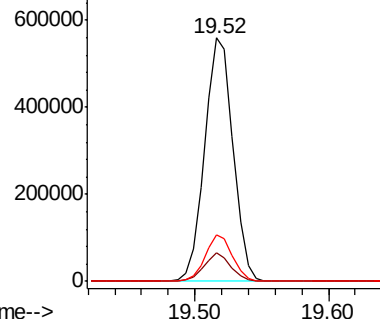
Tot Ion:	202	Resp:	827952
Ion Ratio		Lower	Upper
202	100		
101	11.6	0.0	30.7
203	18.9	0.0	38.5

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3143

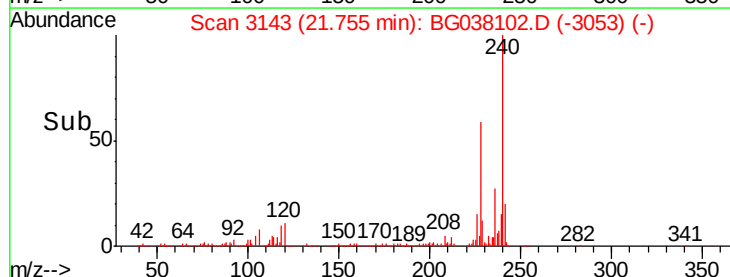
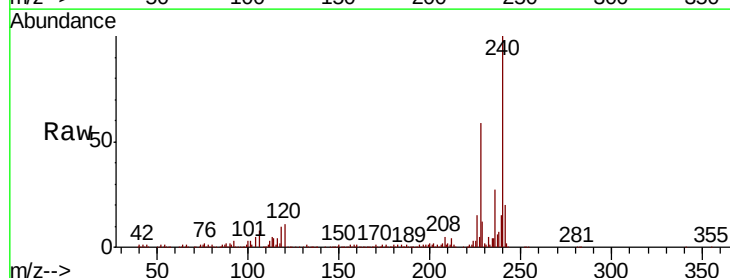
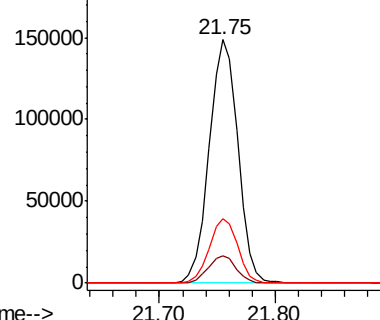
Delta R.T. 0.00 min

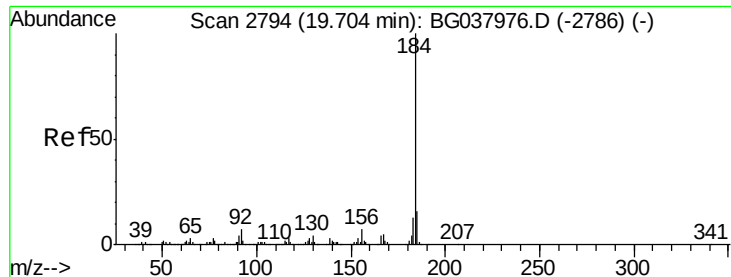
Lab File: BG038102.D

Acq: 21 Nov 2018 3:19

Tgt Ion:	240	Resp:	255479
Ion Ratio		Lower	Upper
240	100		
120	11.4	8.1	12.1
236	26.6	21.4	32.0

Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.930 ng

RT: 19.70 min Scan# 2794

Delta R.T. 0.00 min

Lab File: BG038102.D

Acq: 21 Nov 2018 3:19

Instrument :

BNA_G

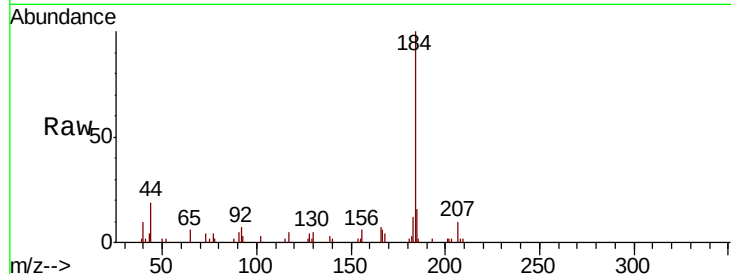
ClientSampleId :

HR-06-111918-AMS

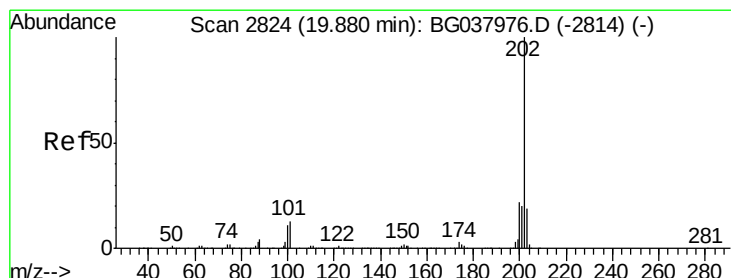
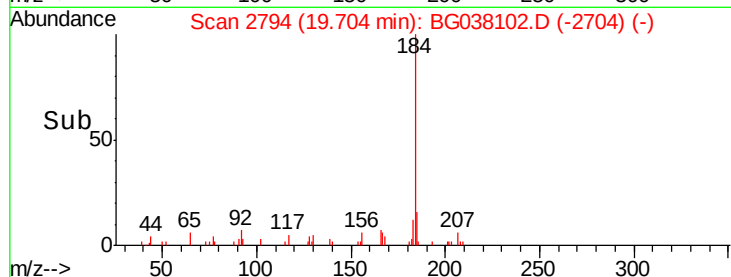
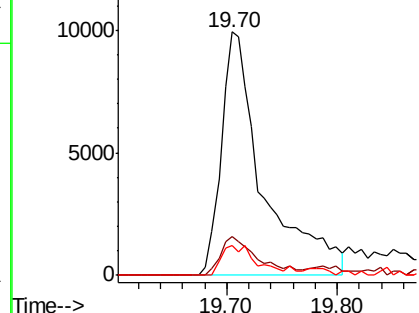
Tot Ion:	184	Resp:	26267
Ion Ratio	Lower	Upper	
184	100		
185	15.8	12.6	18.8
183	12.0	10.2	15.2

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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: 50.468 ng

RT: 19.88 min Scan# 2824

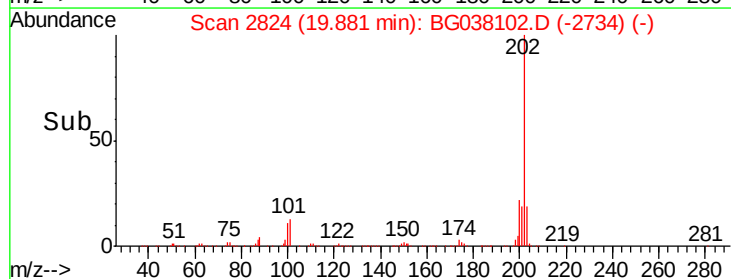
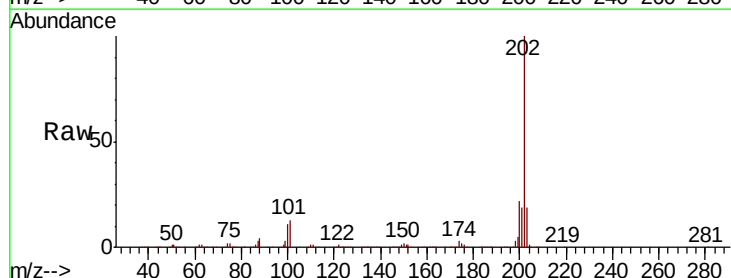
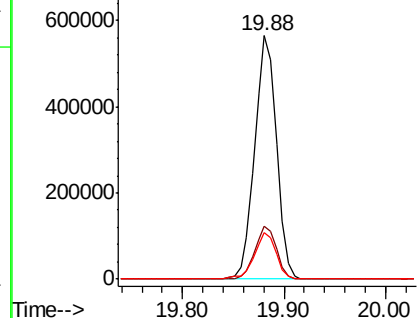
Delta R.T. 0.00 min

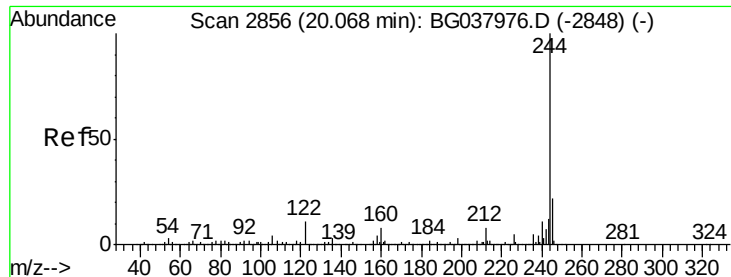
Lab File: BG038102.D

Acq: 21 Nov 2018 3:19

Tgt Ion:	202	Resp:	842980
Ion Ratio	Lower	Upper	
202	100		
200	21.7	17.8	26.6
203	18.9	15.2	22.8

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: 92.557 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038102.D

Acq: 21 Nov 2018 3:19

Instrument :

BNA_G

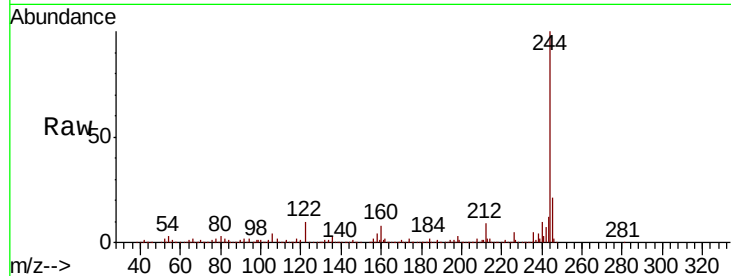
ClientSampleId :

HR-06-111918-AMS

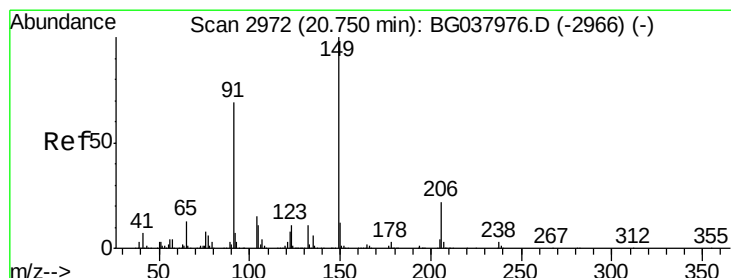
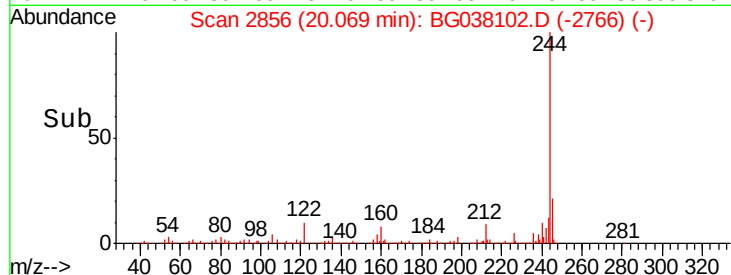
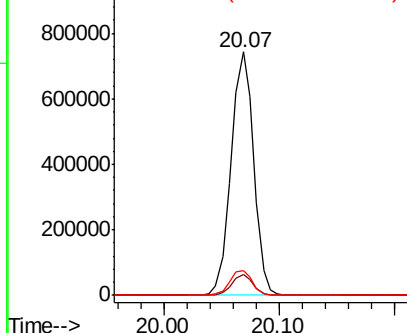
Tot Ion:	244	Resp:	1004947
Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.5	9.7
122	10.2	9.0	13.4

Manual Integrations
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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: 50.751 ng

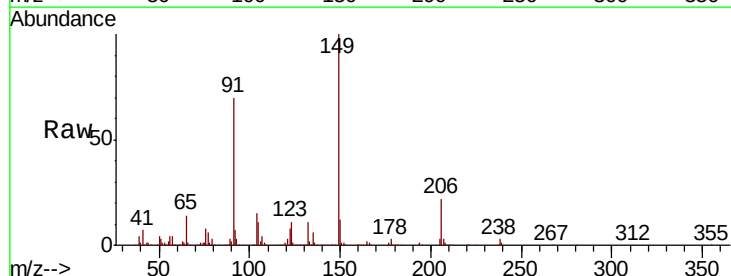
RT: 20.75 min Scan# 2972

Delta R.T. 0.00 min

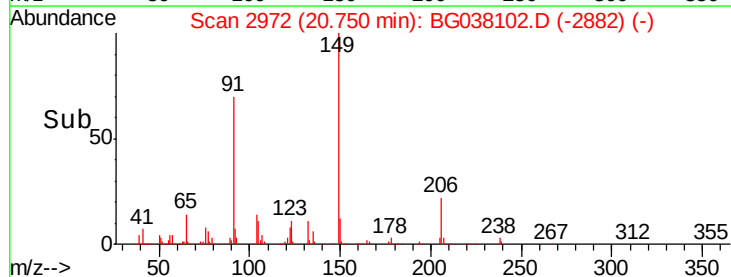
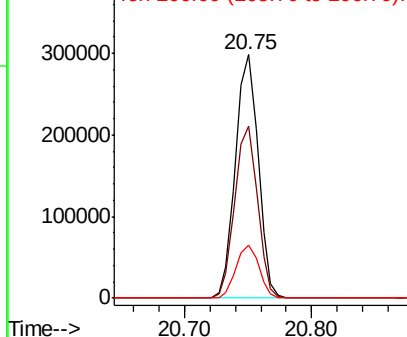
Lab File: BG038102.D

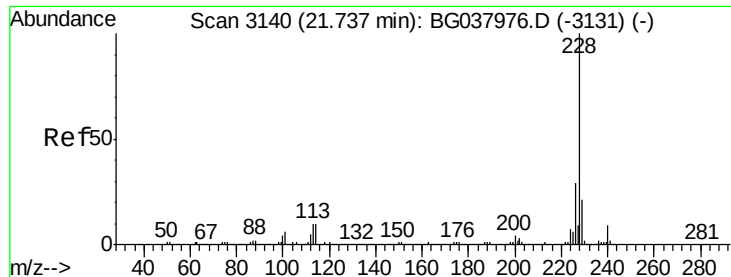
Acq: 21 Nov 2018 3:19

Tgt Ion:	149	Resp:	370718
Ion	Ratio	Lower	Upper
149	100		
91	70.4	57.0	85.4
206	21.8	17.8	26.6



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: 51.740 ng

RT: 21.74 min Scan# 3140

Delta R.T. 0.00 min

Lab File: BG038102.D

Acq: 21 Nov 2018 3:19

Instrument :

BNA_G

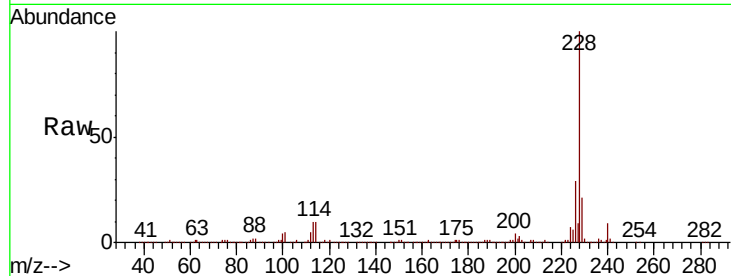
ClientSampleId :

HR-06-111918-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100		798798		
226	28.8	22.6	33.8		
229	20.7	16.3	24.5		

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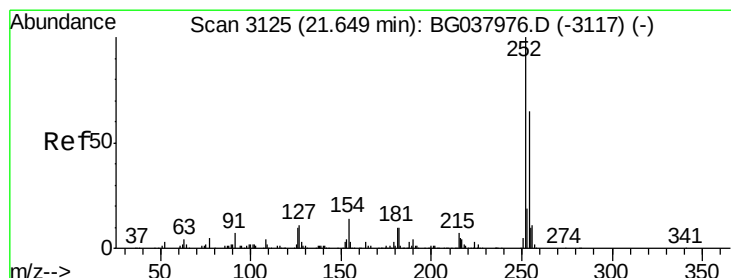
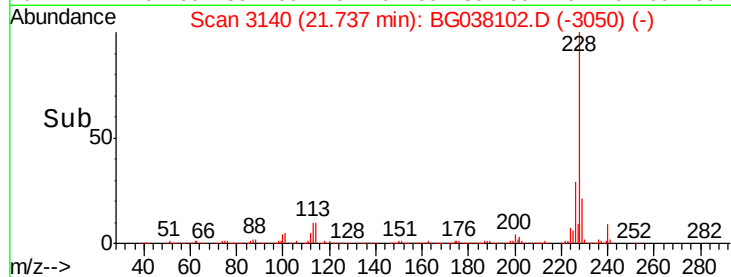
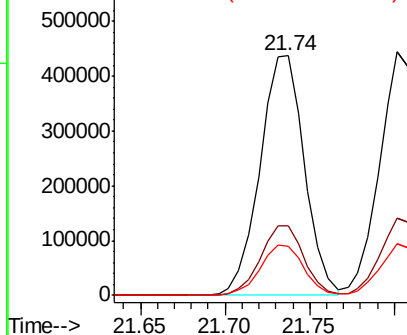


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 17.106 ng

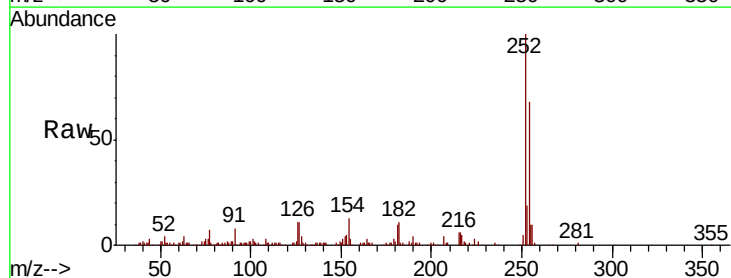
RT: 21.65 min Scan# 3125

Delta R.T. 0.00 min

Lab File: BG038102.D

Acq: 21 Nov 2018 3:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100		102875		
254	67.6	52.0	78.0		
126	10.7	8.2	12.4		

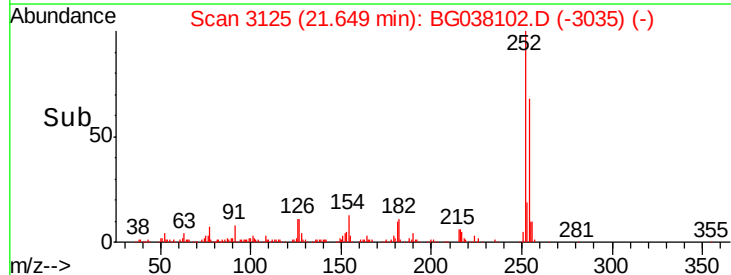
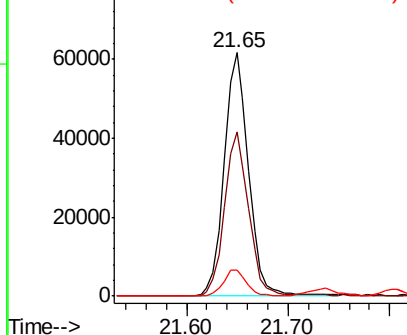


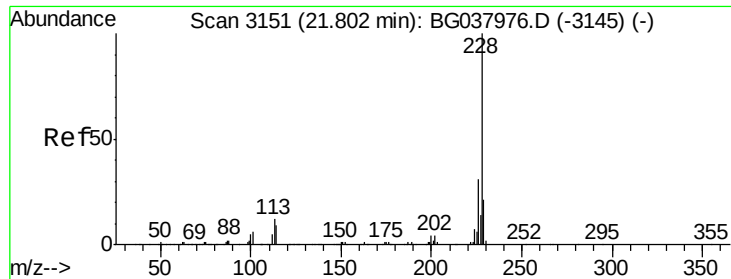
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





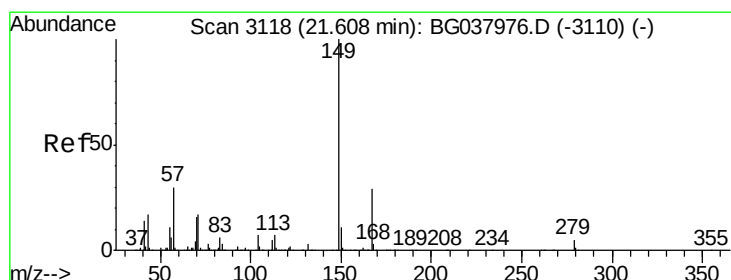
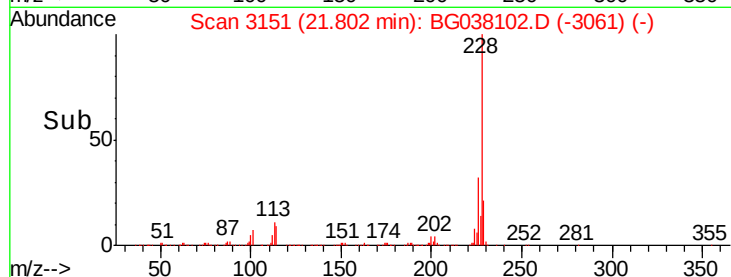
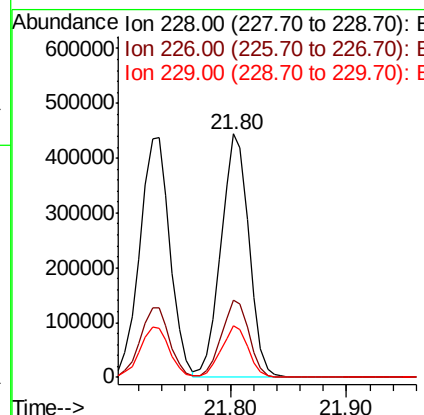
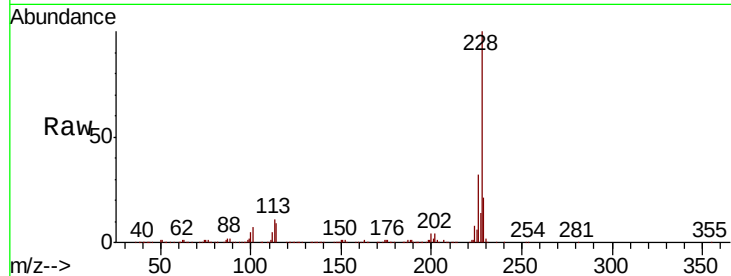
#83
 Chrysene
 Concen: 50.119 ng
 RT: 21.80 min Scan# 3151
 Delta R.T. 0.00 min
 Lab File: BG038102.D
 Acq: 21 Nov 2018 3:19

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-111918-AMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.7	38.5
229	21.0	16.5	24.7

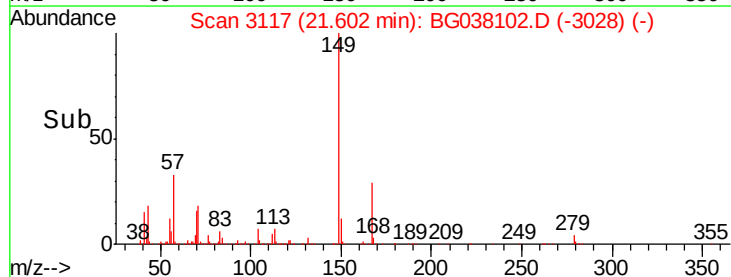
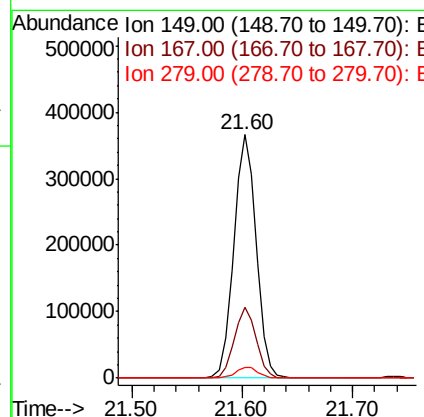
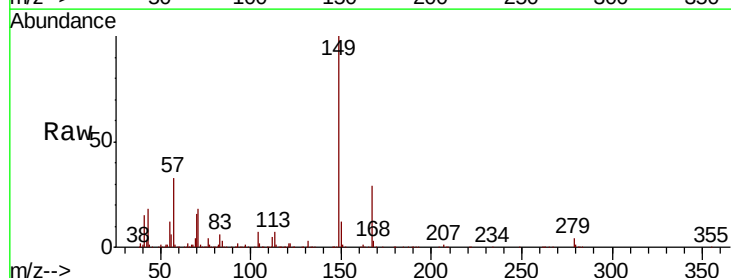
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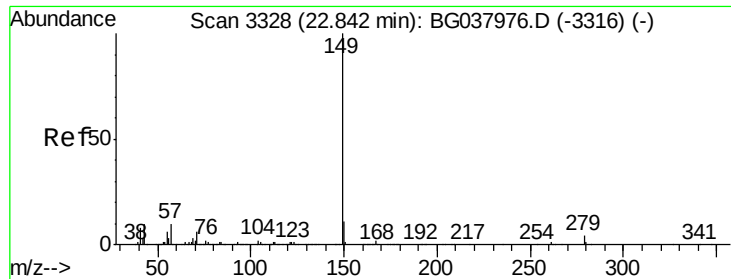
Sohil
 11/21/2018 3:23:20 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 49.873 ng
 RT: 21.60 min Scan# 3117
 Delta R.T. -0.01 min
 Lab File: BG038102.D
 Acq: 21 Nov 2018 3:19

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.0	23.0	34.4
279	4.3	3.6	5.4





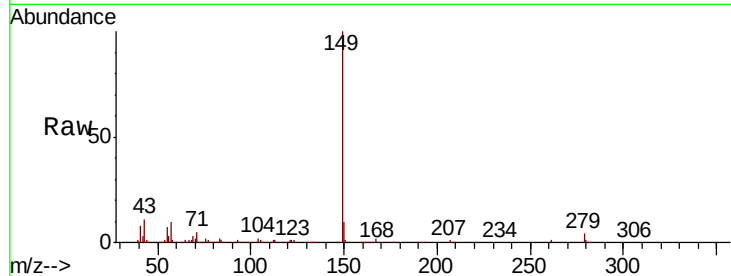
#85
Di-n-octyl phthalate
Concen: 53.092 ng
RT: 22.84 min Scan# 3328
Delta R.T. 0.00 min
Lab File: BG038102.D
Acq: 21 Nov 2018 3:19

Instrument :
BNA_G
ClientSampleId :
HR-06-111918-AMS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	11.0	8.7	13.1

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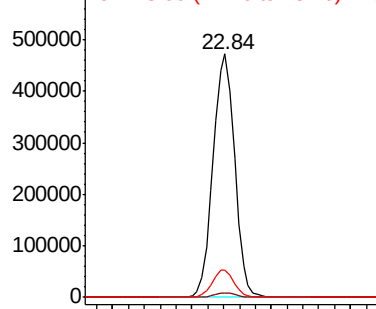


Abundance

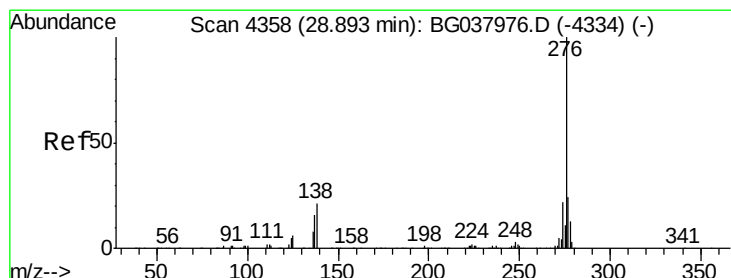
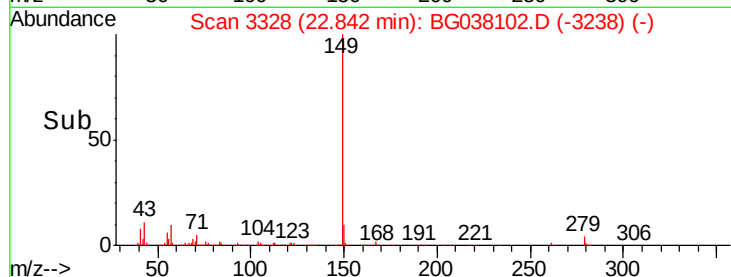
Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

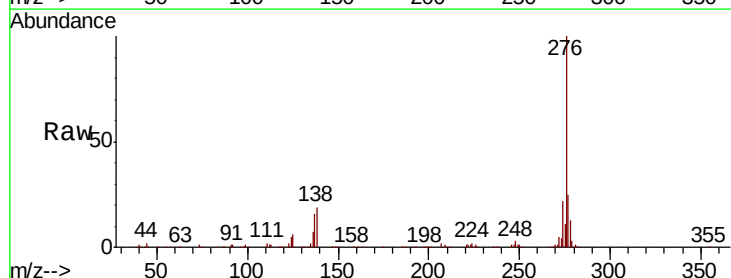


Time-->



#86
Indeno(1,2,3-cd)pyrene
Concen: 54.021 ng
RT: 28.89 min Scan# 4357
Delta R.T. -0.01 min
Lab File: BG038102.D
Acq: 21 Nov 2018 3:19

Tgt Ion	Ratio	Lower	Upper
276	100		
138	8.3	12.0	18.0#
277	25.0	20.6	30.8

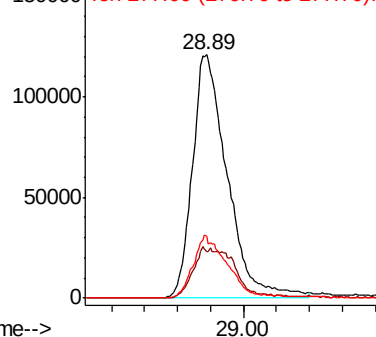


Abundance

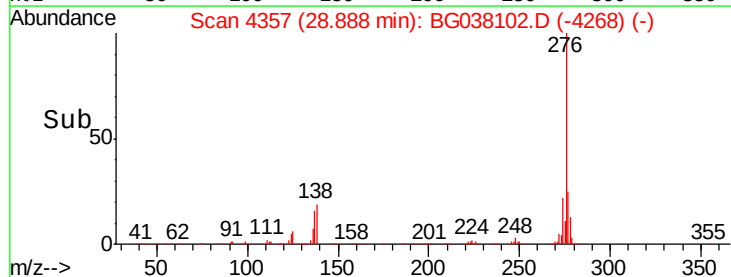
Ion 276.00 (275.70 to 276.70): E

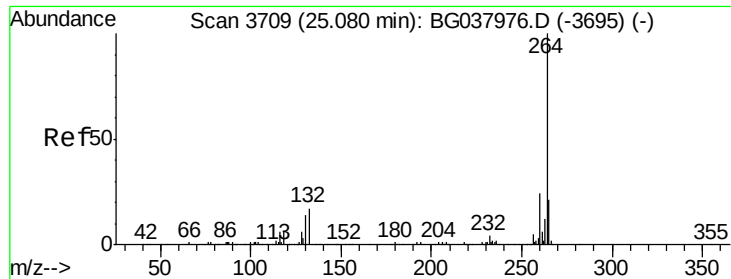
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



Time-->





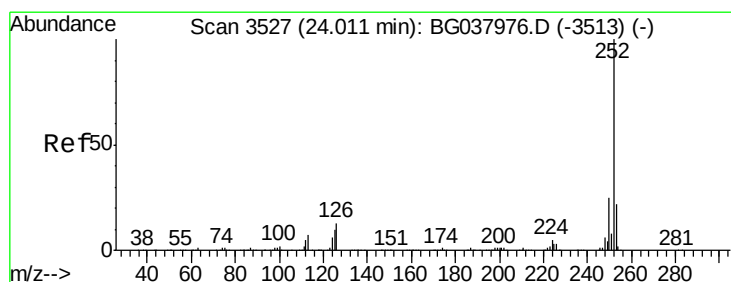
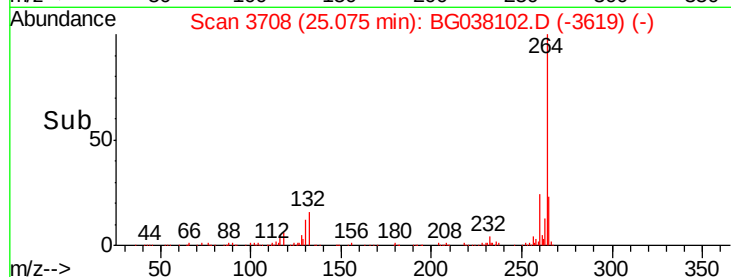
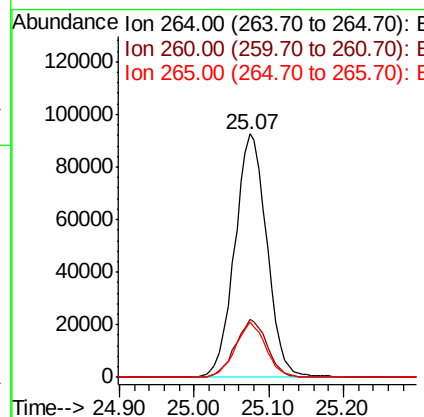
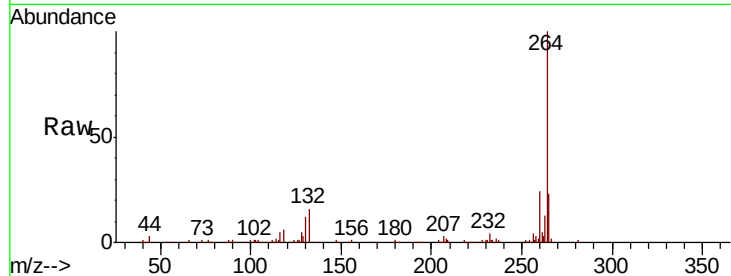
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.07 min Scan# 3708
Delta R.T. -0.01 min
Lab File: BG038102.D
Acq: 21 Nov 2018 3:19

Instrument :
BNA_G
ClientSampleId :
HR-06-111918-AMS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.2	27.4
265	22.9	17.9	26.9

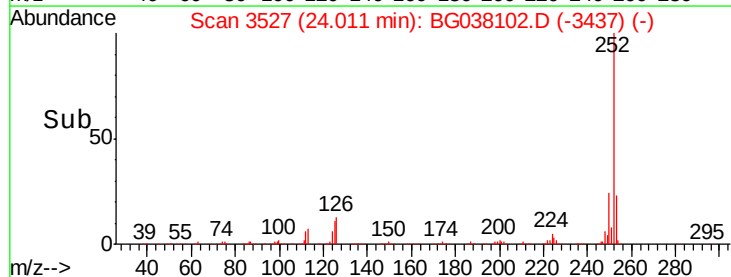
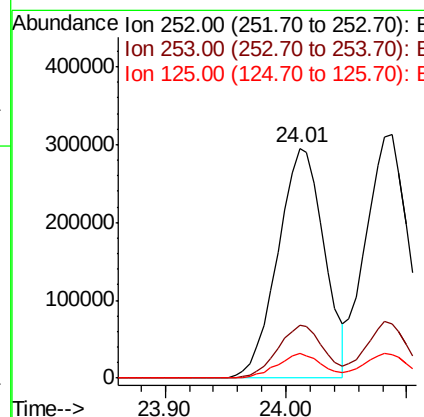
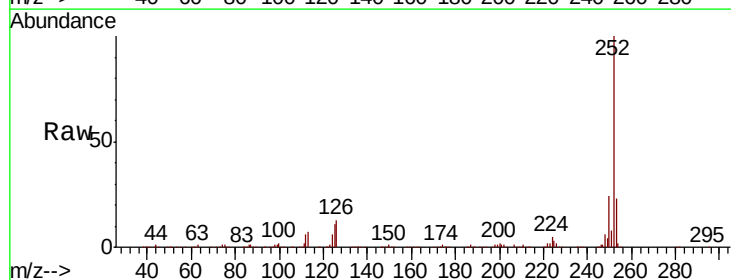
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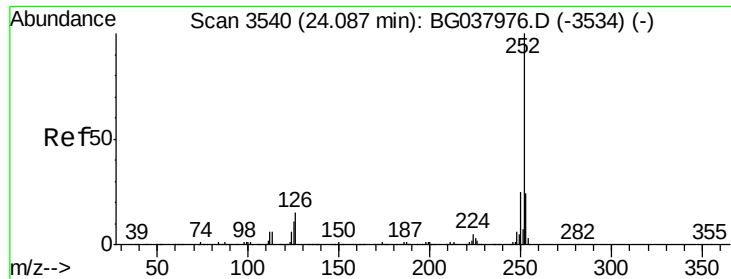
Sohil
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#88
Benzo(b)fluoranthene
Concen: 51.623 ng
RT: 24.01 min Scan# 3527
Delta R.T. 0.00 min
Lab File: BG038102.D
Acq: 21 Nov 2018 3:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.2
125	10.6	7.8	11.6





#89

Benzo(k)fluoranthene

Concen: 51.644 ng

RT: 24.09 min Scan# 3540

Delta R.T. 0.00 min

Lab File: BG038102.D

Acq: 21 Nov 2018 3:19

Instrument :

BNA_G

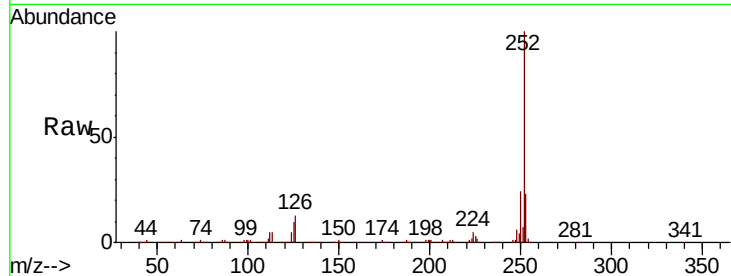
ClientSampleId :

HR-06-111918-AMS

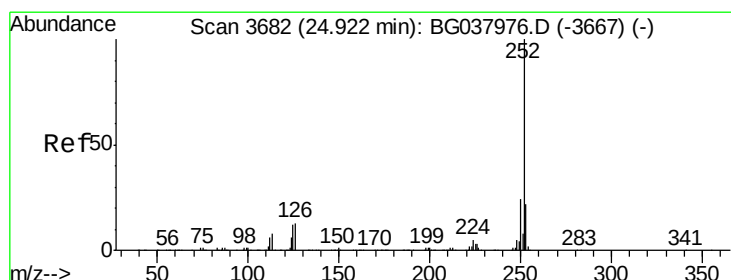
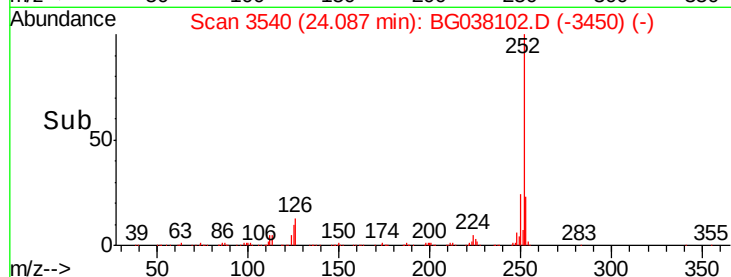
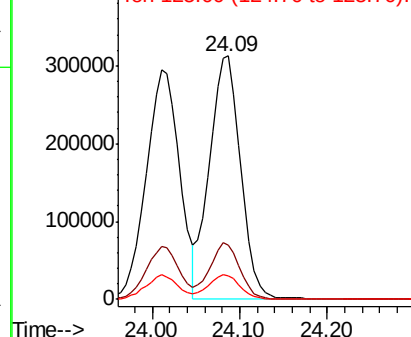
Tot Ion:	252	Resp:	774902
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.4	26.2
125	9.6	7.4	11.0

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



#90

Benzo(a)pyrene

Concen: 53.502 ng

RT: 24.92 min Scan# 3681

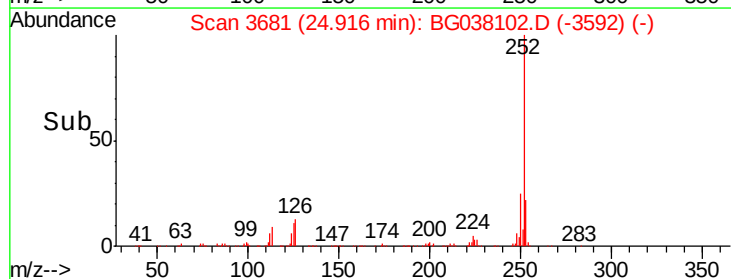
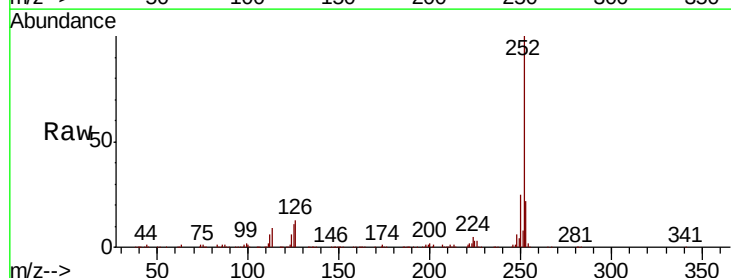
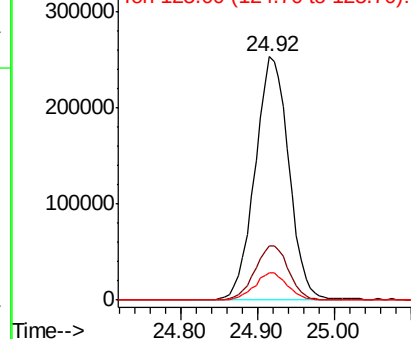
Delta R.T. -0.01 min

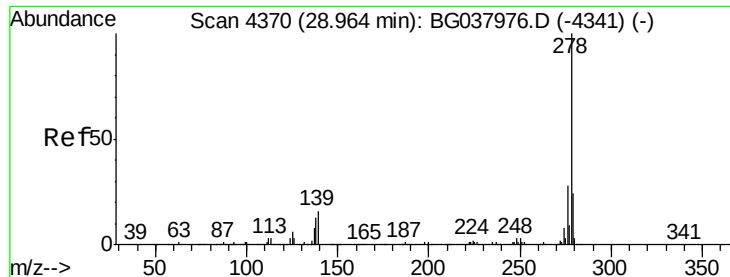
Lab File: BG038102.D

Acq: 21 Nov 2018 3:19

Tgt Ion:	252	Resp:	777497
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.4	26.2
125	11.3	9.0	13.6

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





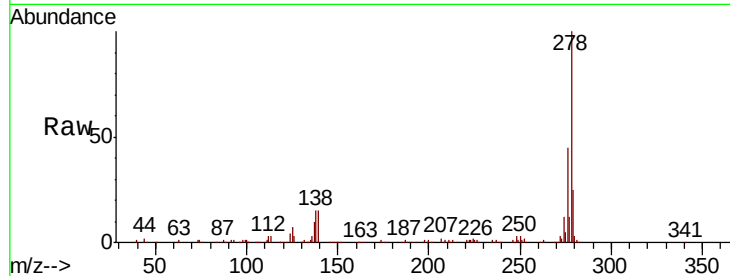
#91
Dibenzo(a,h)anthracene
Concen: 51.861 ng
RT: 28.95 min Scan# 4368
Delta R.T. -0.01 min
Lab File: BG038102.D
Acq: 21 Nov 2018 3:19

Instrument :
BNA_G
ClientSampleId :
HR-06-111918-AMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.4	11.5	17.3
279	24.8	18.6	27.8

Manual Integrations
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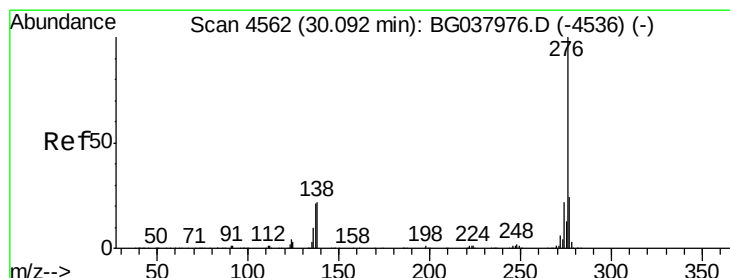
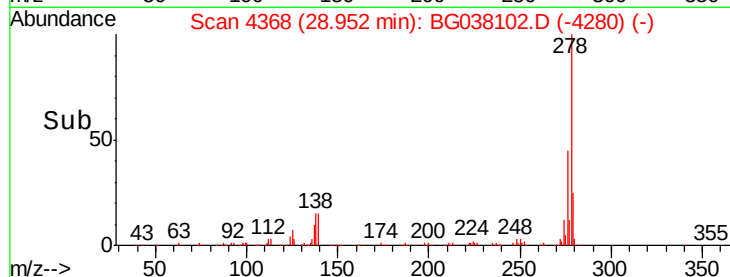
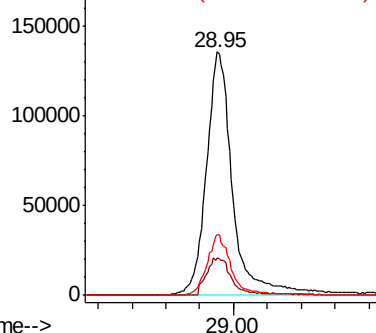


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 50.520 ng
RT: 30.09 min Scan# 4562
Delta R.T. 0.00 min
Lab File: BG038102.D
Acq: 21 Nov 2018 3:19

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.9	28.3
138	21.2	17.2	25.8

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

