

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112018\
 Data File : BG038103.D
 Acq On : 21 Nov 2018 3:58
 Operator : JU/SJ
 Sample : J5763-02MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Sohil
 11/21/2018 3:23:22 PM

Quant Time: Nov 21 07:24:56 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	42391	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	174883	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	108371	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	252052	20.00	ng	0.00
76) Chrysene-d12	21.75	240	240011	20.00	ng	0.00
87) Perylene-d12	25.07	264	254609	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	254288	103.57	ng	0.00
7) Phenol-d6	7.23	99	326706	93.22	ng	0.00
23) Nitrobenzene-d5	9.26	82	243213	74.45	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	135382	109.54	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	532411	71.57	ng	0.00
79) Terphenyl-d14	20.07	244	850822	83.41	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	35089	30.257	ng	# 2
3) Pyridine	3.93	79	77587	23.453	ng	97
4) n-Nitrosodimethylamine	3.84	42	51187	42.650	ng	97
6) Aniline	7.41	93	124413	27.505	ng	96
8) 2-Chlorophenol	7.64	128	117061	41.090	ng	96
9) Benzaldehyde	7.23	77	55337	21.833	ng	96
10) Phenol	7.26	94	130226	35.080	ng	98
11) bis(2-Chloroethyl)ether	7.50	93	114382	37.742	ng	98
12) 1,3-Dichlorobenzene	7.97	146	111112	33.855	ng	96
13) 1,4-Dichlorobenzene	8.12	146	115062	34.706	ng	96
14) 1,2-Dichlorobenzene	8.44	146	112267	35.469	ng	98
15) Benzyl Alcohol	8.33	79	100435	39.604	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.60	45	227869	40.492	ng	100
17) 2-Methylphenol	8.52	107	101180	40.314	ng	97
18) Hexachloroethane	9.17	117	42431	35.167	ng	95
19) n-Nitroso-di-n-propylamine	8.89	70	93444	36.848	ng	99
20) 3+4-Methylphenols	8.85	107	141357	39.731	ng	95
22) Acetophenone	8.91	105	178350	40.989	ng	# 97
24) Nitrobenzene	9.31	77	141664	42.389	ng	95
25) Isophorone	9.82	82	266528	45.326	ng	96
26) 2-Nitrophenol	10.01	139	68311	40.944	ng	98
27) 2,4-Dimethylphenol	10.06	122	123172	48.999	ng	96
28) bis(2-Chloroethoxy)methane	10.30	93	159099	42.312	ng	97
29) 2,4-Dichlorophenol	10.55	162	123820	43.791	ng	98
30) 1,2,4-Trichlorobenzene	10.76	180	123723	39.048	ng	98
31) Naphthalene	10.96	128	369589	42.967	ng	99
32) Benzoic acid	10.18	122	46351m	33.612	ng	
33) 4-Chloroaniline	11.07	127	93730	23.426	ng	97
34) Hexachlorobutadiene	11.22	225	70908	36.362	ng	97
35) Caprolactam	11.85	113	32501	28.717	ng	# 91
36) 4-Chloro-3-methylphenol	12.17	107	132417	42.866	ng	96
37) 2-Methylnaphthalene	12.56	142	277187	44.863	ng	98
38) 1-Methylnaphthalene	12.77	142	262178	44.083	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	138459	38.235	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	161509	83.291	nq	97
43) 2,4,6-Trichlorophenol	13.16	196	102033	41.348	nq	96
44) 2,4,5-Trichlorophenol	13.23	196	110361	42.505	nq	98
46) 1,1'-Biphenyl	13.56	154	349617	38.401	nq	99
47) 2-Chloronaphthalene	13.60	162	276866	39.852	nq	98
48) 2-Nitroaniline	13.81	65	96652	44.203	nq	95
49) Acenaphthylene	14.45	152	455990	43.646	nq	100
50) Dimethylphthalate	14.17	163	358336	41.709	nq	99
51) 2,6-Dinitrotoluene	14.30	165	83017	42.694	nq	97
52) Acenaphthene	14.78	154	265513	42.215	nq	99
53) 3-Nitroaniline	14.64	138	72989	34.018	nq	# 98
54) 2,4-Dinitrophenol	14.84	184	37042	40.485	nq	88
55) Dibenzofuran	15.12	168	432593	41.595	nq	99
56) 4-Nitrophenol	14.93	139	106148	64.144	nq	97
57) 2,4-Dinitrotoluene	15.08	165	118259	44.700	nq	97
58) Fluorene	15.76	166	342152	44.094	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.34	232	95477	43.946	nq	98
60) Diethylphthalate	15.52	149	372899	40.864	nq	99
61) 4-Chlorophenyl-phenylether	15.75	204	177487	39.090	nq	97
62) 4-Nitroaniline	15.80	138	90336	42.382	nq	96
63) Azobenzene	16.05	77	345811	42.384	nq	99
65) 4,6-Dinitro-2-methylphenol	15.84	198	38839	24.362	nq	97
66) n-Nitrosodiphenylamine	15.97	169	313485	41.111	nq	99
67) 4-Bromophenyl-phenylether	16.65	248	111819	40.419	nq	94
68) Hexachlorobenzene	16.76	284	113467	39.735	nq	98
69) Atrazine	16.91	200	103546	36.837	nq	99
70) Pentachlorophenol	17.11	266	106371	54.847	nq	98
71) Phenanthrene	17.51	178	577654	44.763	nq	98
72) Anthracene	17.60	178	583048	45.835	nq	100
73) Carbazole	17.87	167	533554	41.806	nq	99
74) Di-n-butylphthalate	18.41	149	639377	44.629	nq	99
75) Fluoranthene	19.52	202	687751	46.712	nq	99
77) Benzidine	19.71	184	52897	6.281	nq	98
78) Pyrene	19.88	202	693941	44.222	nq	98
80) Butylbenzylphthalate	20.75	149	302165	44.032	nq	99
81) Benzo(a)anthracene	21.73	228	656817	45.285	nq	99
82) 3,3'-Dichlorobenzidine	21.65	252	186244	32.964	nq	99
83) Chrysene	21.80	228	607024	43.742	nq	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	426113	43.541	nq	98
85) Di-n-octyl phthalate	22.84	149	728327	46.002	nq	99
86) Indeno(1,2,3-cd)pyrene	28.88	276	661332	42.908	nq	99
88) Benzo(b)fluoranthene	24.01	252	635293	45.342	nq	99
89) Benzo(k)fluoranthene	24.08	252	642175	46.448	nq	99
90) Benzo(a)pyrene	24.92	252	631896	47.191	nq	98
91) Dibenzo(a,h)anthracene	28.95	278	546033	42.381	nq	98
92) Benzo(g,h,i)perylene	30.09	276	537844	41.985	nq	99

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

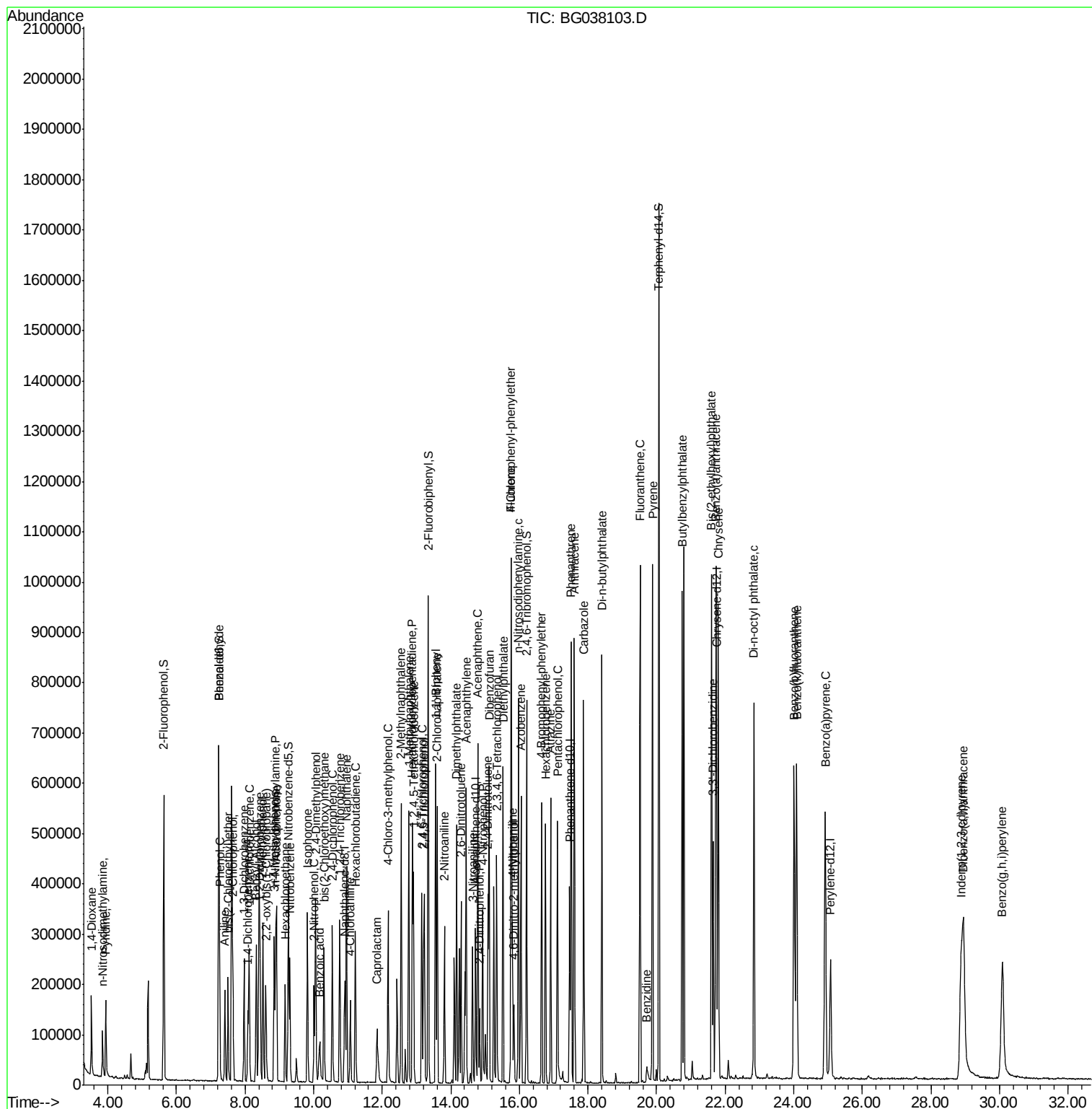
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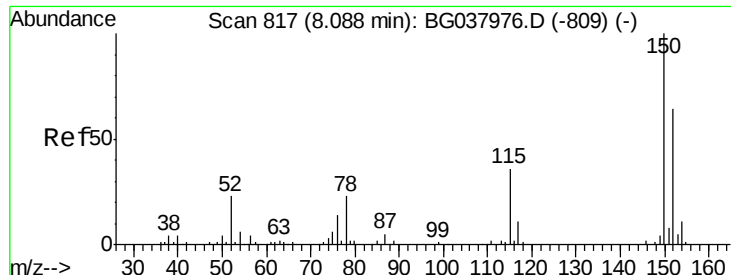
Instrument :
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#1

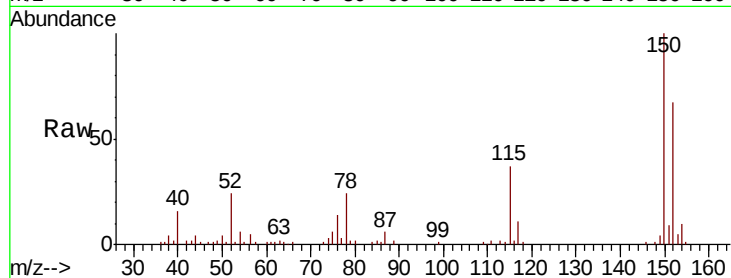
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 816
Delta R.T. -0.00 min
Lab File: BG038103.D
Acq: 21 Nov 2018 3:58

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.5	126.0	189.0
115	55.2	45.5	68.3

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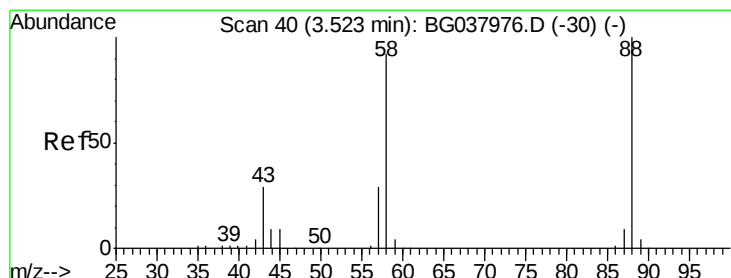
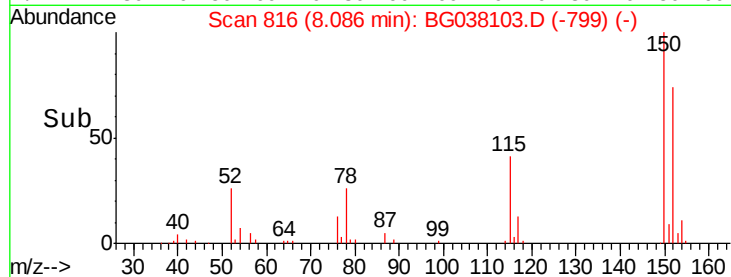
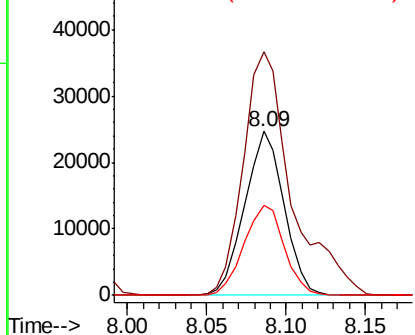


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

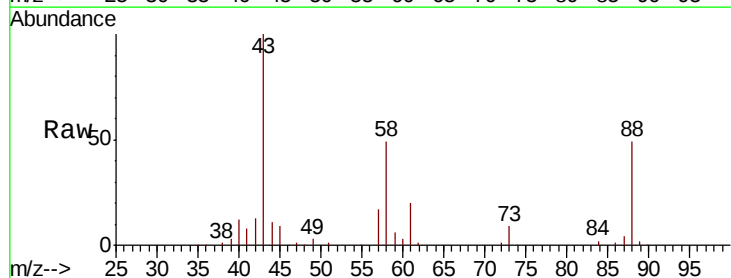
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 30.257 ng
RT: 3.53 min Scan# 40
Delta R.T. 0.00 min
Lab File: BG038103.D
Acq: 21 Nov 2018 3:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	98.5	74.4	111.6
43	235.0	25.8	38.8#

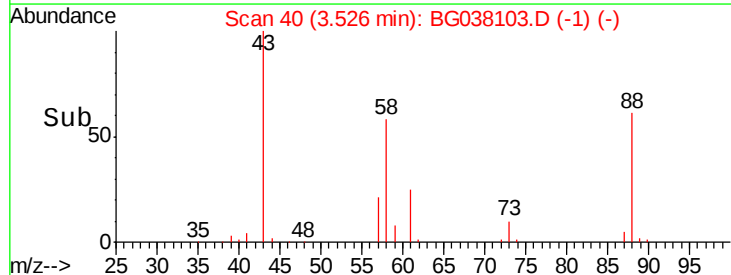
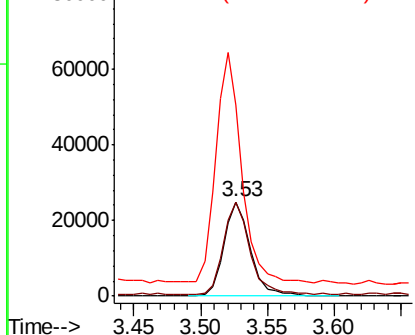


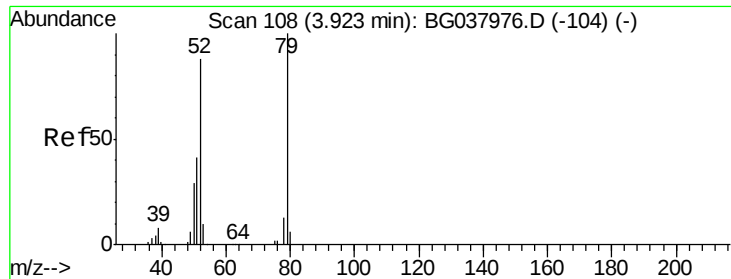
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 23.453 ng

RT: 3.93 min Scan# 109

Delta R.T. 0.01 min

Lab File: BG038103.D

Acq: 21 Nov 2018 3:58

Instrument :

BNA_G

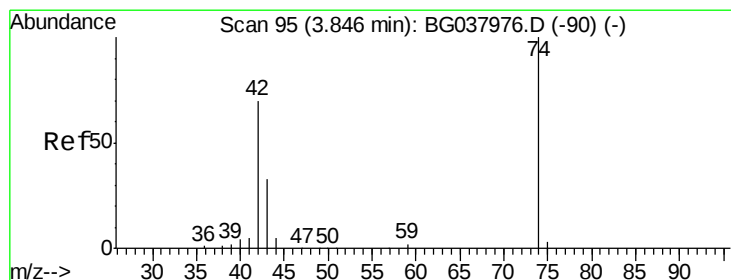
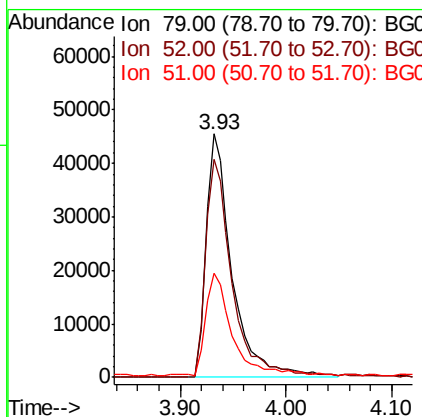
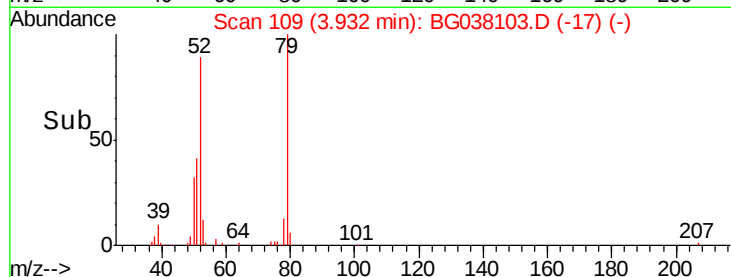
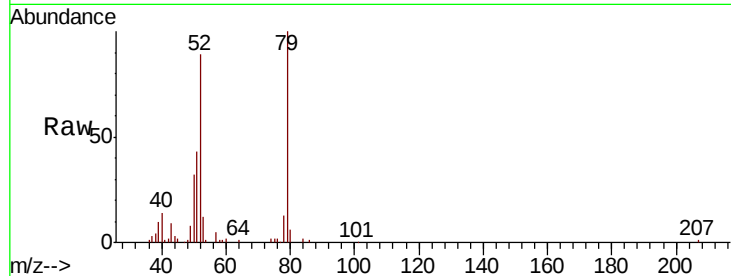
ClientSampleId :

HR-06-111918-AMSD

Tot Ion:	79	Resp:	77587
Ion	Ratio	Lower	Upper
79	100		
52	89.3	74.2	111.2
51	42.7	34.6	51.8

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#4

n-Nitrosodimethylamine

Concen: 42.650 ng

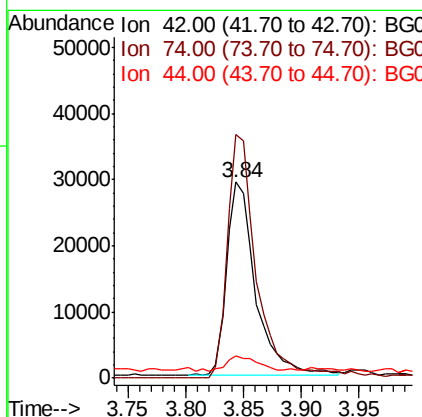
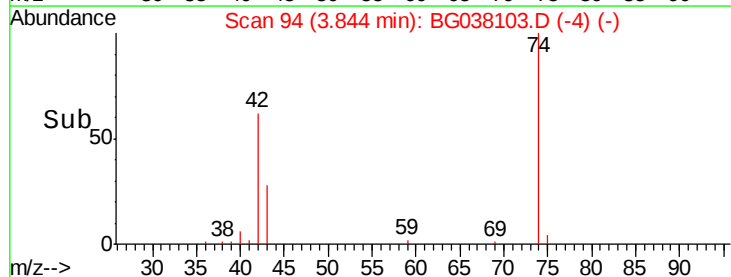
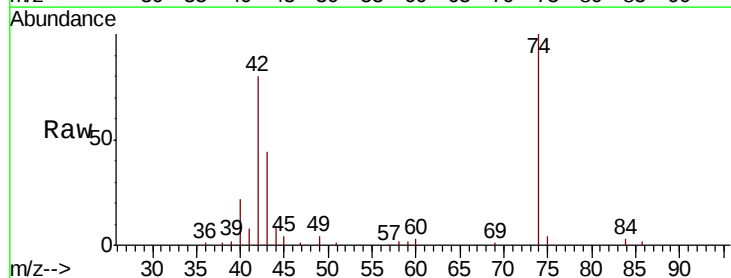
RT: 3.84 min Scan# 94

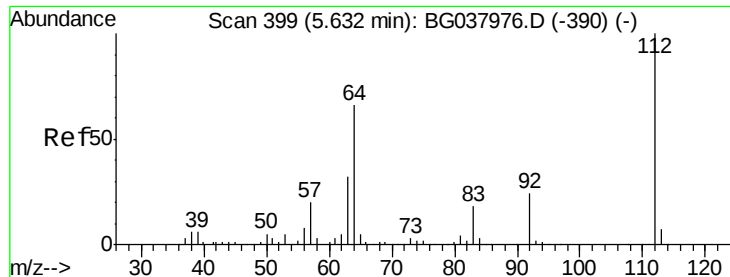
Delta R.T. -0.00 min

Lab File: BG038103.D

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Tgt Ion:	42	Resp:	51187
Ion	Ratio	Lower	Upper
42	100		
74	124.3	102.0	153.0
44	11.5	9.6	14.4





#5

2-Fluorophenol

Concen: 103.570 ng

RT: 5.63 min Scan# 398

Delta R.T. -0.00 min

Lab File: BG038103.D

Acq: 21 Nov 2018 3:58

Instrument :

BNA_G

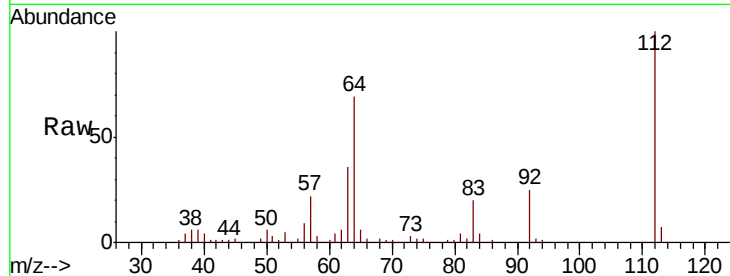
ClientSampleId :

HR-06-111918-AMSD

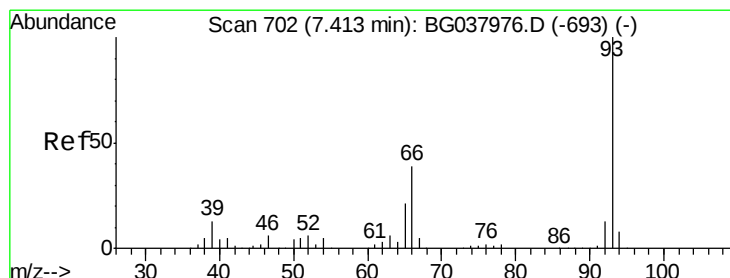
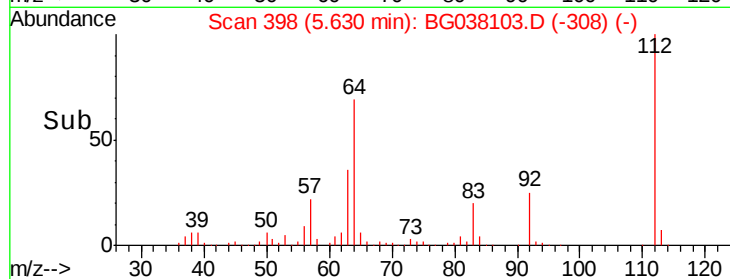
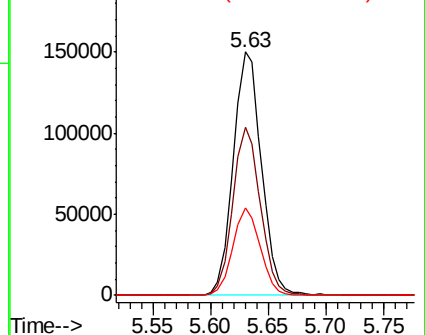
Tot Ion:	112	Resp:	254288
Ion Ratio	Lower	Upper	
112	100		
64	68.8	53.1	79.7
63	35.7	27.3	40.9

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Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 27.505 ng

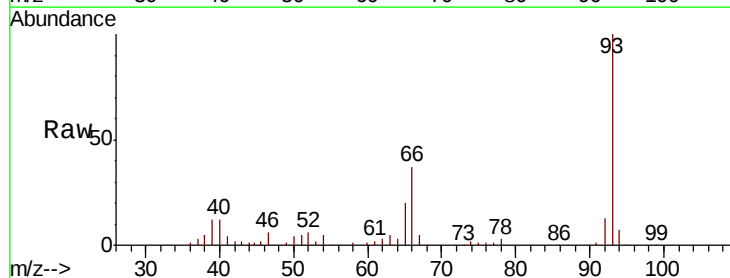
RT: 7.41 min Scan# 701

Delta R.T. -0.00 min

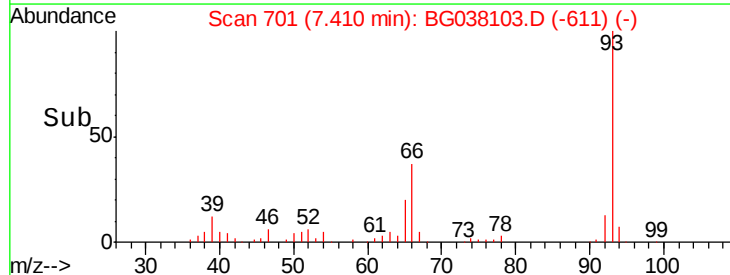
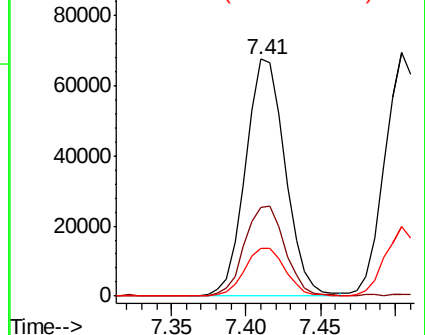
Lab File: BG038103.D

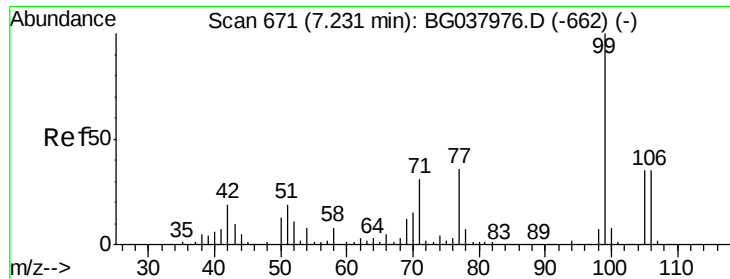
Acq: 21 Nov 2018 3:58

Tgt Ion:	93	Resp:	124413
Ion Ratio	Lower	Upper	
93	100		
66	37.5	32.8	49.2
65	20.2	16.4	24.6



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 93.220 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038103.D

Acq: 21 Nov 2018 3:58

Instrument :

BNA_G

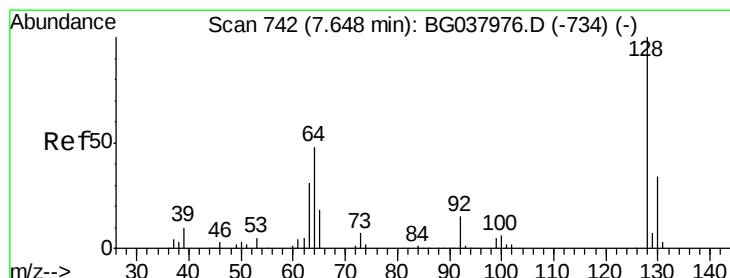
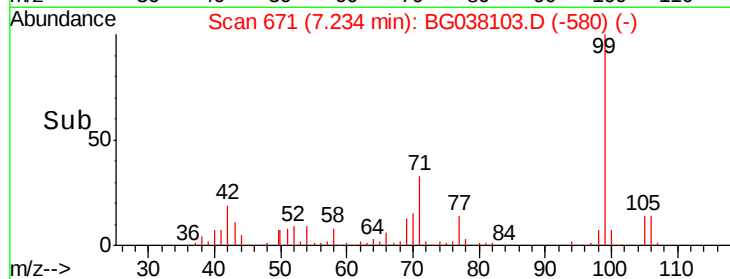
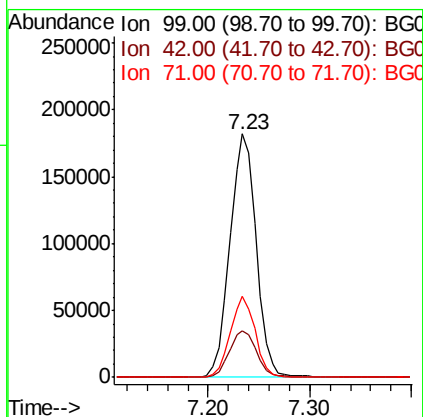
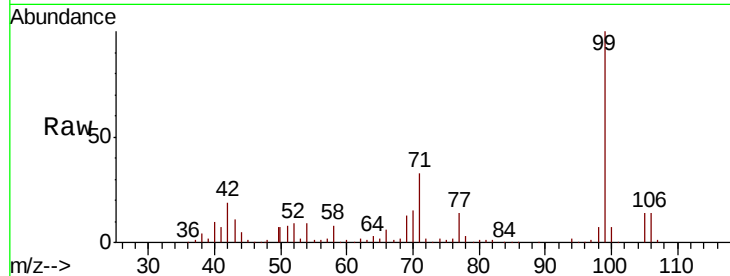
ClientSampleId :

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Tot Ion:	99	Resp:	326706
Ion Ratio	Lower	Upper	
99	100		
42	19.3	15.0	22.4
71	33.1	25.5	38.3

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#8

2-Chlorophenol

Concen: 41.090 ng

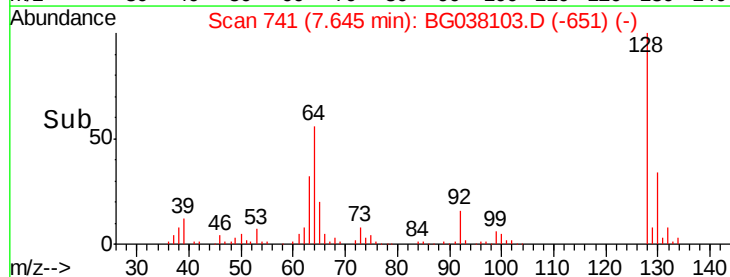
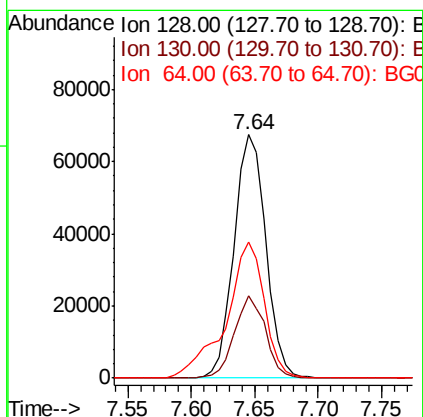
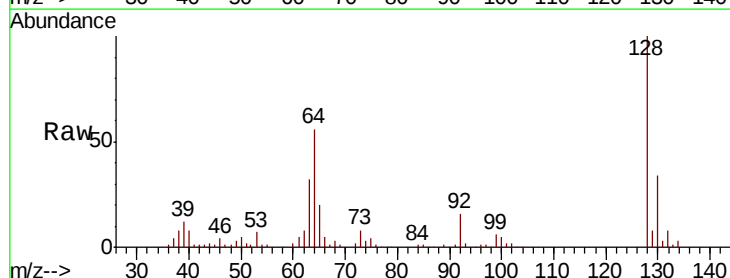
RT: 7.64 min Scan# 741

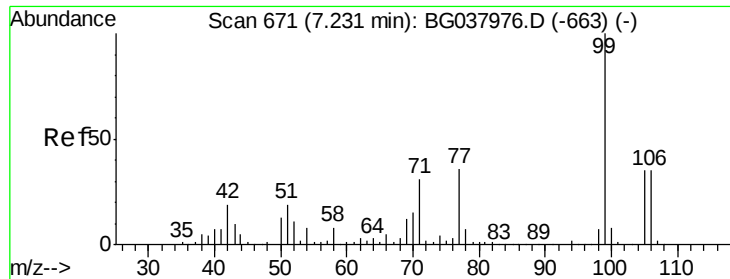
Delta R.T. -0.00 min

Lab File: BG038103.D

Acq: 21 Nov 2018 3:58

Tgt Ion:	128	Resp:	117061
Ion Ratio	Lower	Upper	
128	100		
130	34.1	12.0	52.0
64	56.0	32.9	72.9





#9

Benzaldehyde

Concen: 21.833 ng

RT: 7.23 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG038103.D

Acq: 21 Nov 2018 3:58

Instrument :

BNA_G

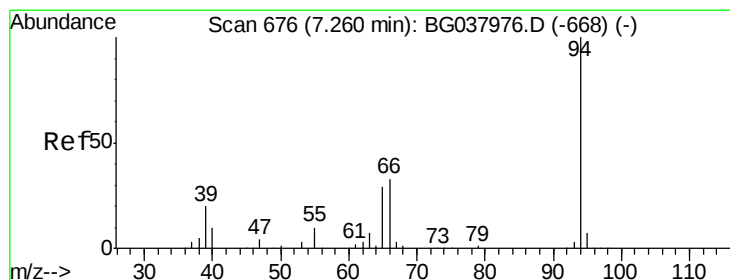
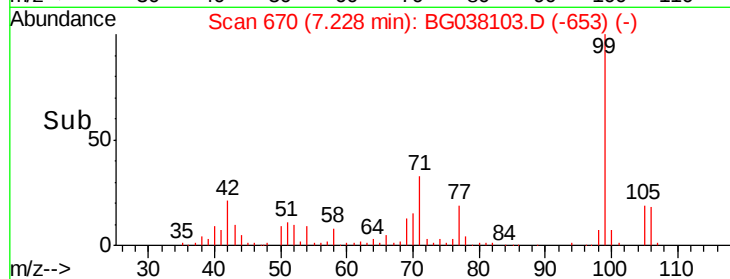
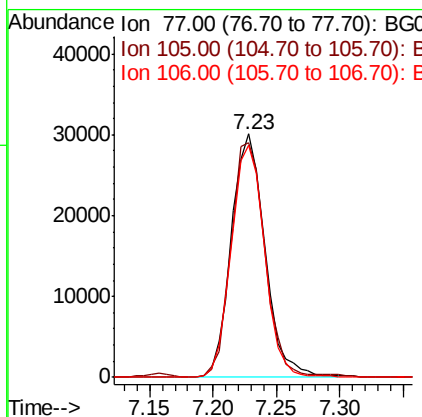
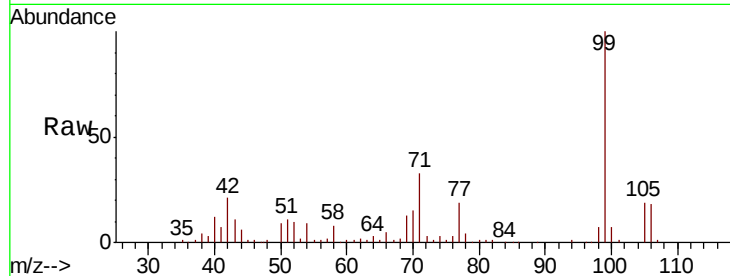
ClientSampleId :

HR-06-111918-AMSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	96.5	72.6	112.6
106	95.1	71.3	111.3

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#10

Phenol

Concen: 35.080 ng

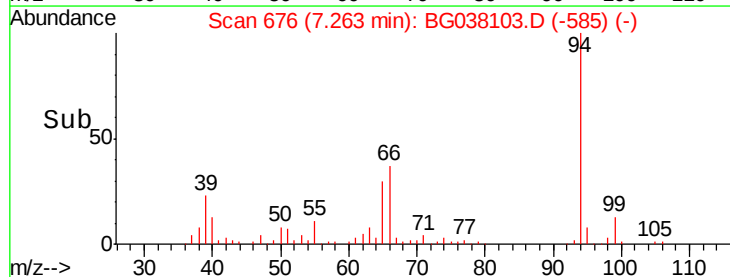
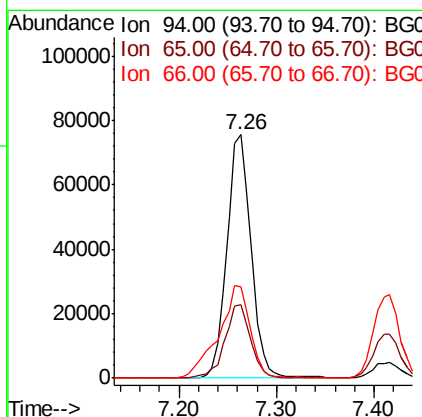
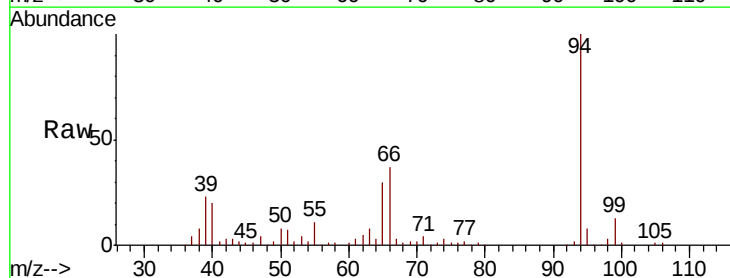
RT: 7.26 min Scan# 676

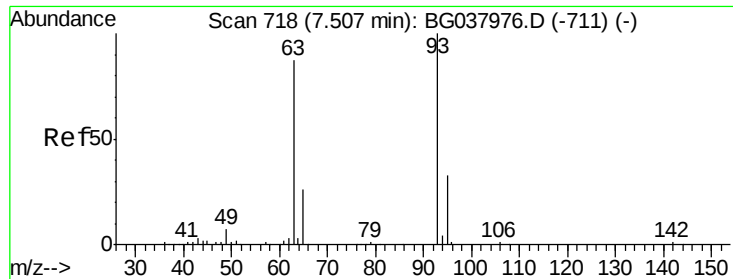
Delta R.T. 0.00 min

Lab File: BG038103.D

Acq: 21 Nov 2018 3:58

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.0	9.7	49.7
66	37.4	15.9	55.9





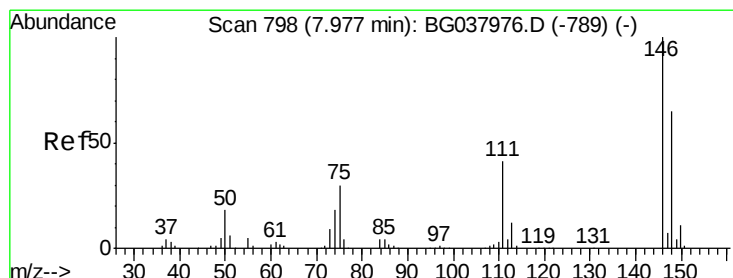
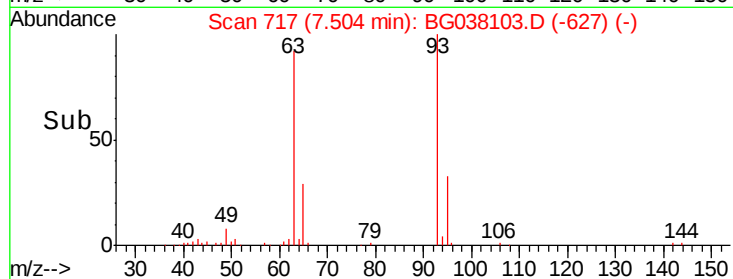
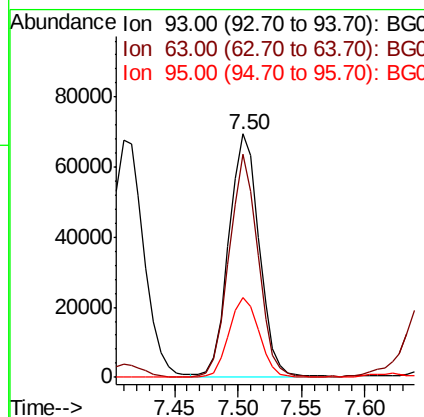
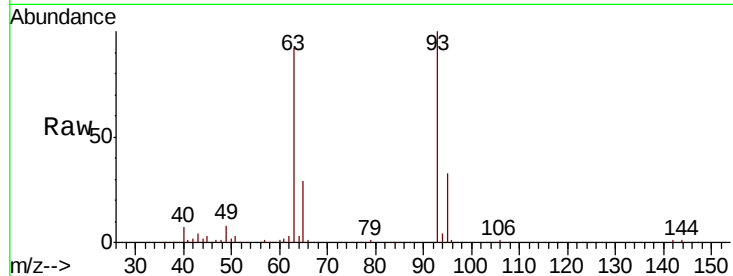
#11
bis(2-Chloroethyl)ether
Concen: 37.742 ng
RT: 7.50 min Scan# 717
Delta R.T. -0.00 min
Lab File: BG038103.D
Acq: 21 Nov 2018 3:58

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

Tot Ion	Ratio	Lower	Upper
93	100		
63	91.9	69.5	109.5
95	32.7	12.6	52.6

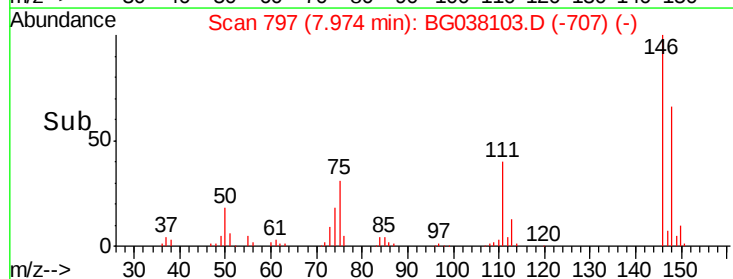
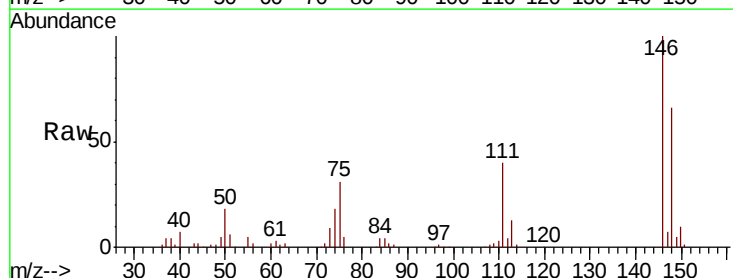
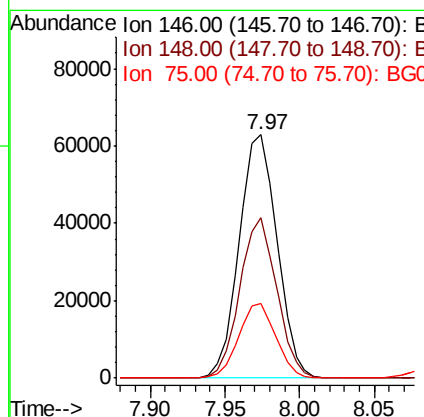
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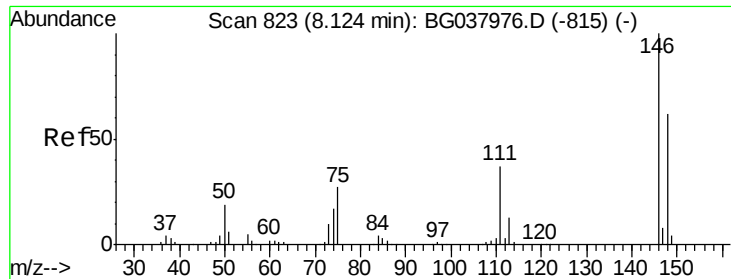
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#12
1,3-Dichlorobenzene
Concen: 33.855 ng
RT: 7.97 min Scan# 797
Delta R.T. -0.00 min
Lab File: BG038103.D
Acq: 21 Nov 2018 3:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.9	49.8	74.8
75	30.7	23.2	34.8





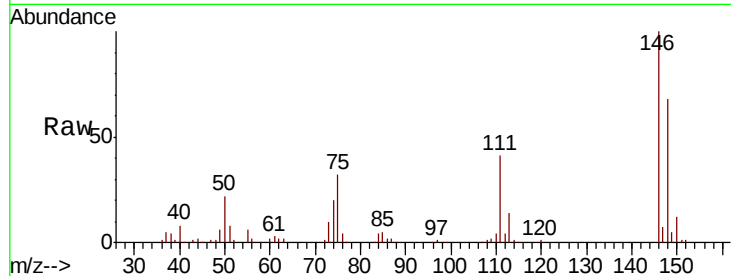
#13
 1,4-Dichlorobenzene
 Concen: 34.706 ng
 RT: 8.12 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BG038103.D
 Acq: 21 Nov 2018 3:58

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

Tot Ion	Ratio	Lower	Upper
146	100		
148	68.3	51.0	76.6
111	41.3	32.4	48.6

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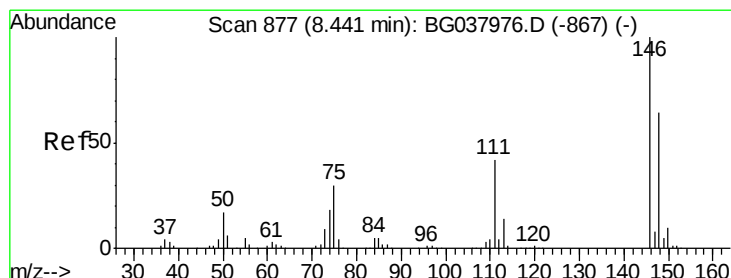
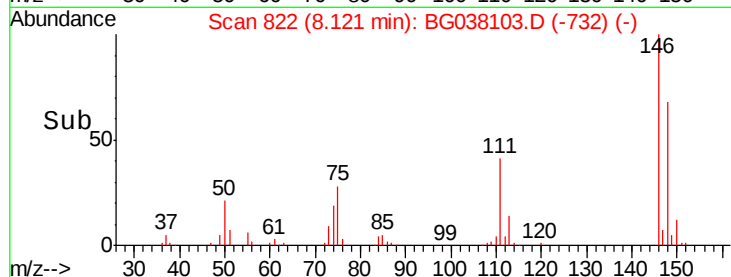
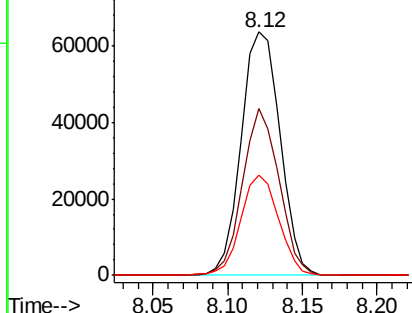


Abundance

Ion 146.00 (145.70 to 146.70): E

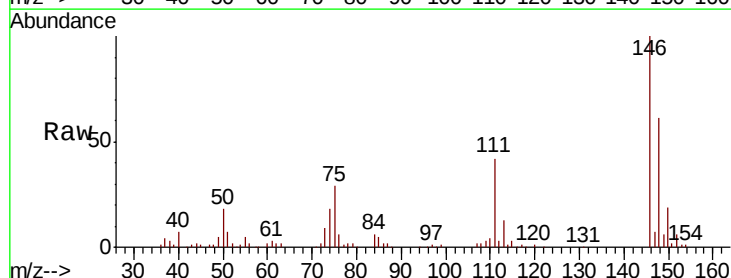
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 35.469 ng
 RT: 8.44 min Scan# 876
 Delta R.T. -0.00 min
 Lab File: BG038103.D
 Acq: 21 Nov 2018 3:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.9	50.4	75.6
111	42.4	34.6	51.8

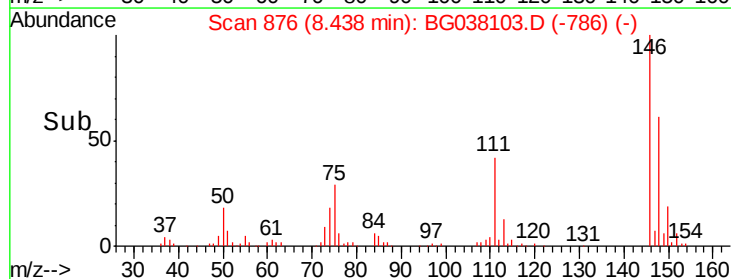
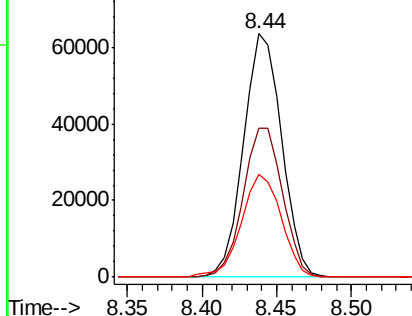


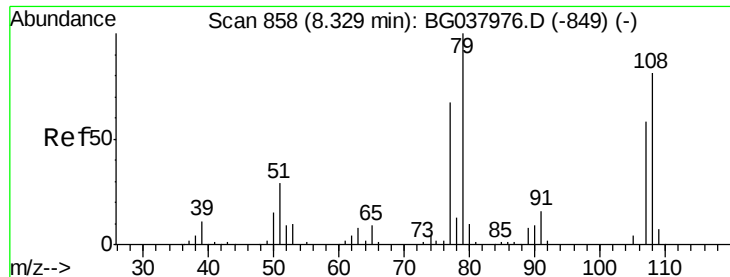
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.604 ng

RT: 8.33 min Scan# 857

Delta R.T. -0.00 min

Lab File: BG038103.D

Acq: 21 Nov 2018 3:58

Instrument :

BNA_G

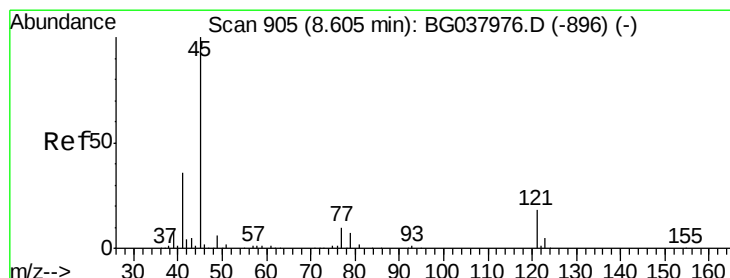
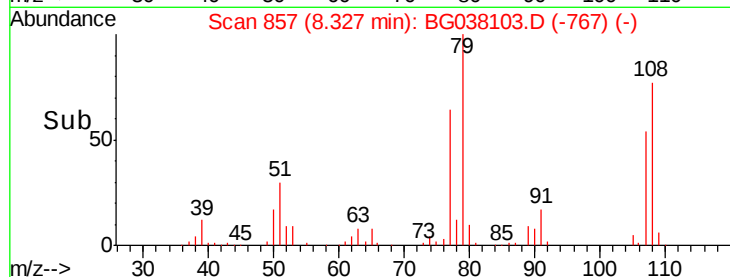
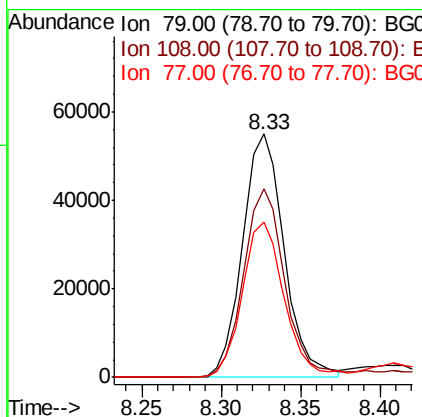
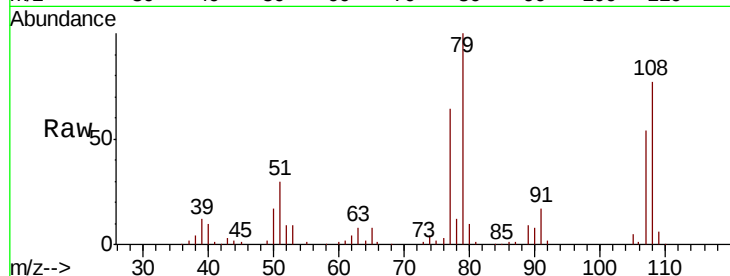
ClientSampleId :

HR-06-111918-AMSD

Tot Ion:	79	Resp:	100435
Ion Ratio	Lower	Upper	
79	100		
108	77.4	65.8	98.8
77	63.7	52.9	79.3

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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.492 ng

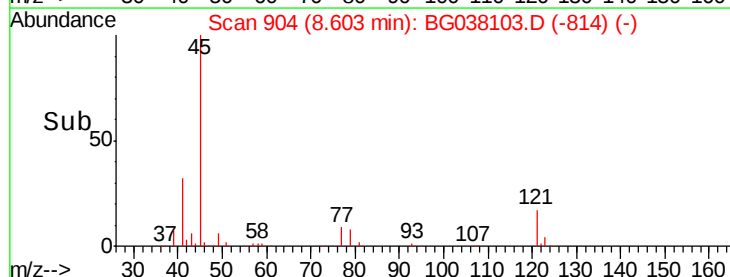
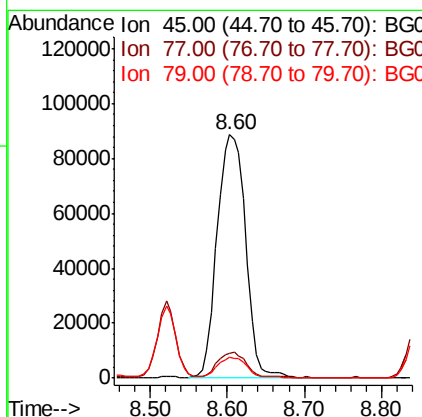
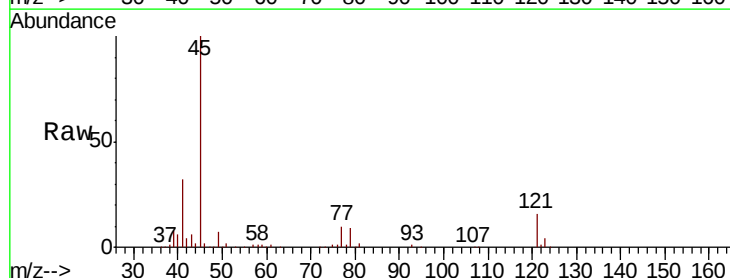
RT: 8.60 min Scan# 904

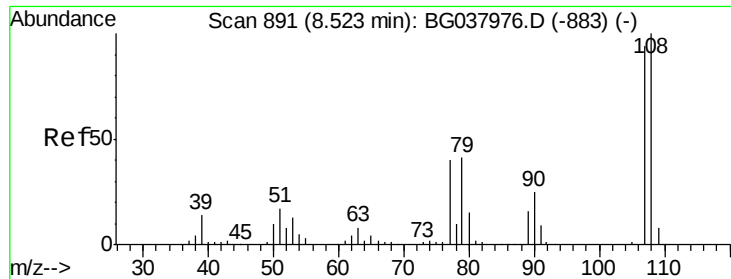
Delta R.T. -0.00 min

Lab File: BG038103.D

Acq: 21 Nov 2018 3:58

Tgt Ion:	45	Resp:	227869
Ion Ratio	Lower	Upper	
45	100		
77	10.1	0.0	30.0
79	8.7	0.0	29.0





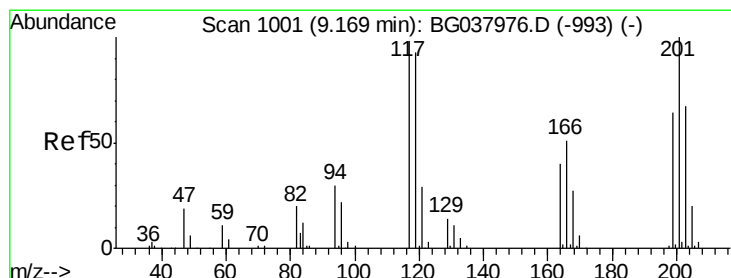
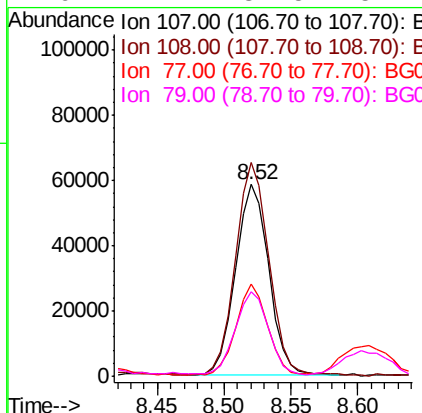
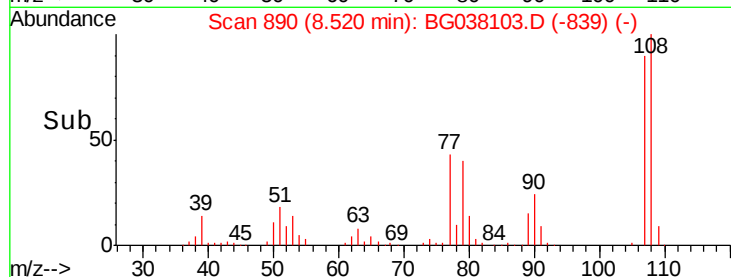
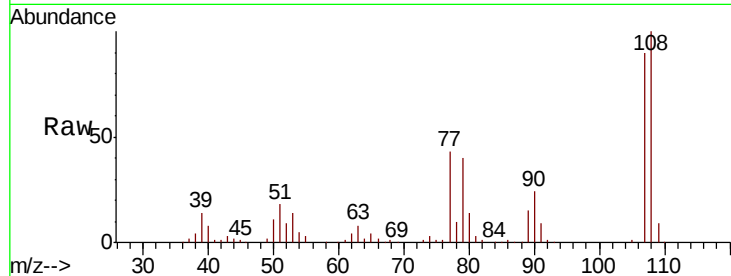
#17
2-Methylphenol
Concen: 40.314 ng
RT: 8.52 min Scan# 890
Delta R.T. -0.00 min
Lab File: BG038103.D
Acq: 21 Nov 2018 3:58

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

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.3	87.9	131.9	
77	48.1	35.1	52.7	
79	44.2	34.5	51.7	

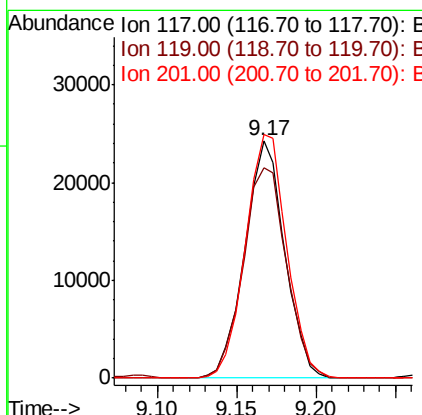
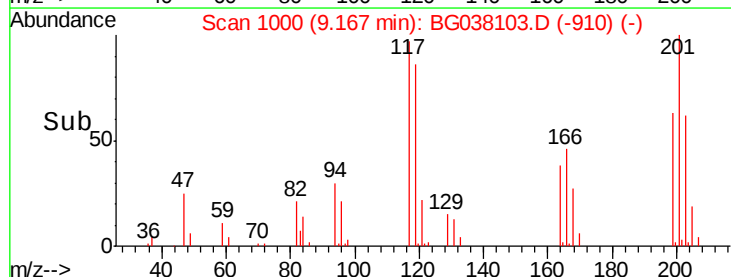
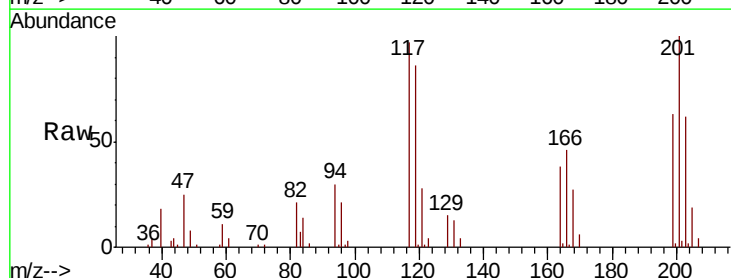
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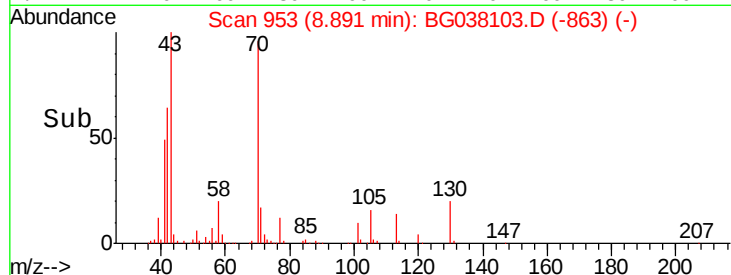
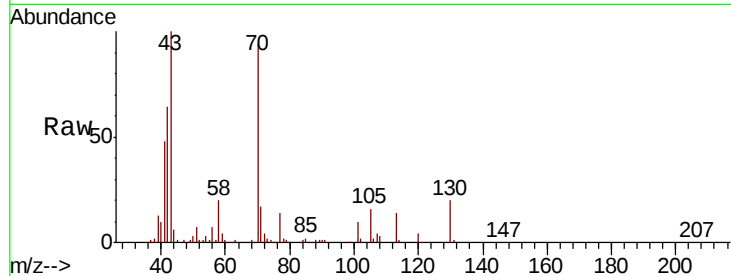
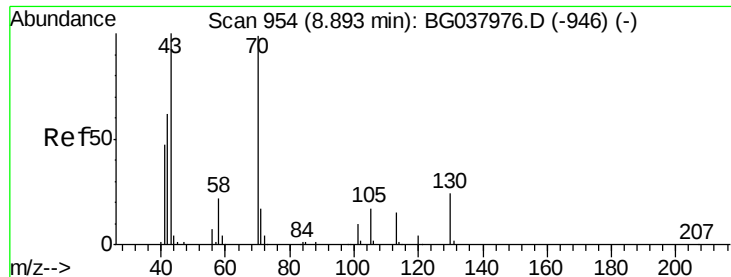
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#18
Hexachloroethane
Concen: 35.167 ng
RT: 9.17 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BG038103.D
Acq: 21 Nov 2018 3:58

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	88.7	74.6	111.8	
201	105.6	80.8	121.2	





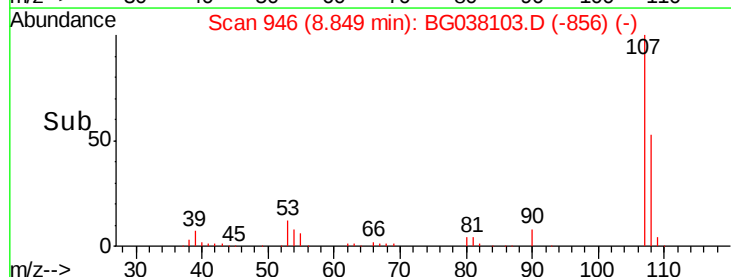
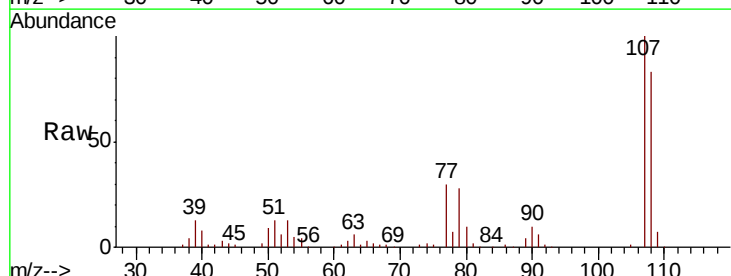
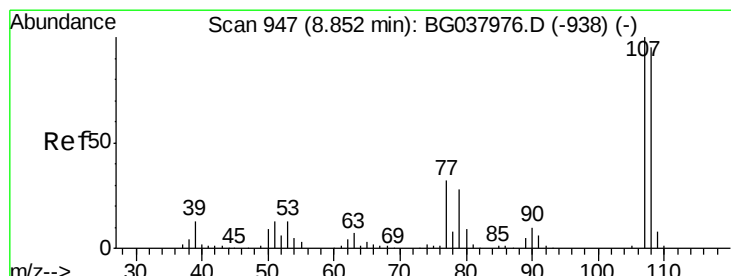
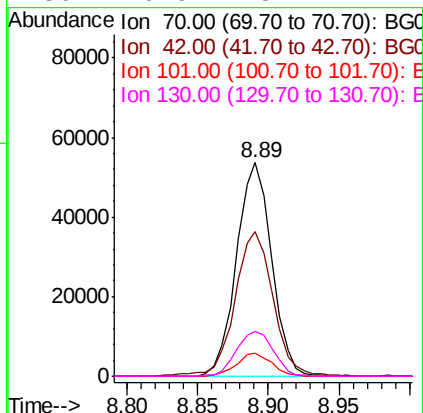
#19
n-Nitroso-di-n-propylamine
Concen: 36.848 ng
RT: 8.89 min Scan# 953
Delta R.T. -0.00 min
Lab File: BG038103.D
Acq: 21 Nov 2018 3:58

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

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	67.7	53.9	80.9	
101	10.9	8.2	12.2	
130	20.9	18.2	27.4	

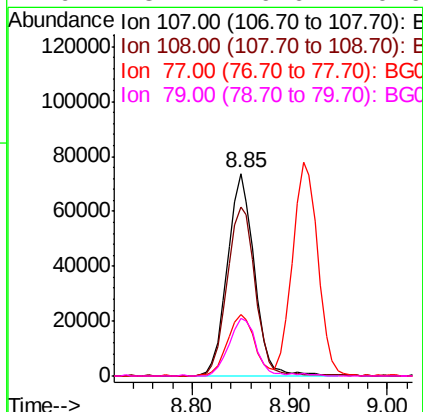
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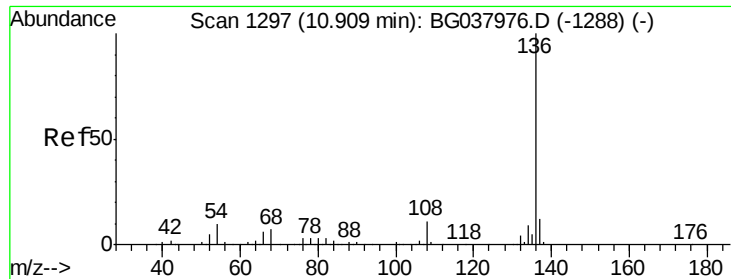
Sohil
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#20
3+4-Methylphenols
Concen: 39.731 ng
RT: 8.85 min Scan# 946
Delta R.T. -0.00 min
Lab File: BG038103.D
Acq: 21 Nov 2018 3:58

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	83.3	69.9	109.9	
77	30.5	11.2	51.2	
79	28.4	6.6	46.6	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.91 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BG038103.D

Acq: 21 Nov 2018 3:58

Instrument :

BNA_G

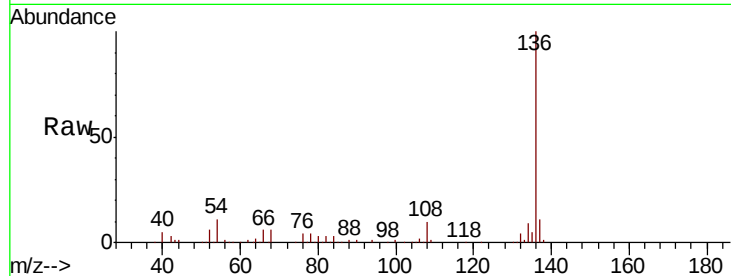
ClientSampleId :

HR-06-111918-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	174883		
137	10.7	9.6	14.4	
54	10.6	7.9	11.9	
68	5.8	4.8	7.2	

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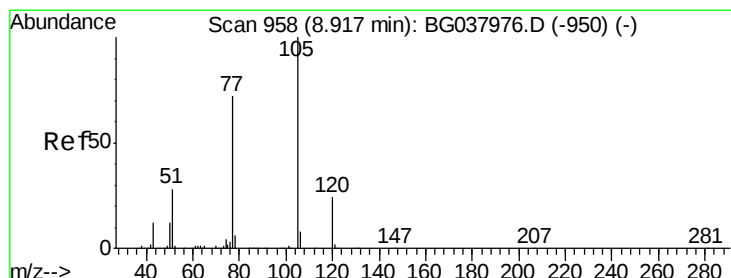
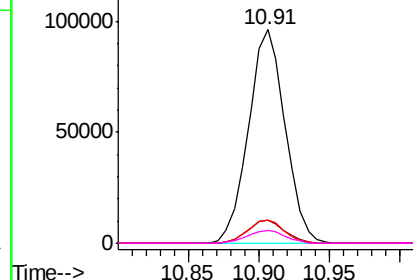
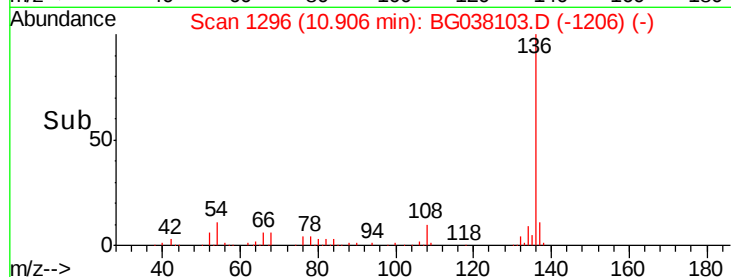


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 40.989 ng

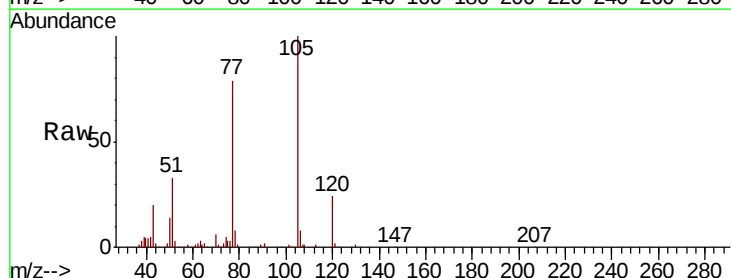
RT: 8.91 min Scan# 957

Delta R.T. -0.00 min

Lab File: BG038103.D

Acq: 21 Nov 2018 3:58

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	178350		
71	0.7	1.2	1.8#	
51	33.3	25.0	37.6	
120	24.1	18.6	28.0	

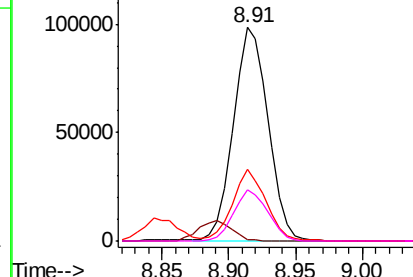
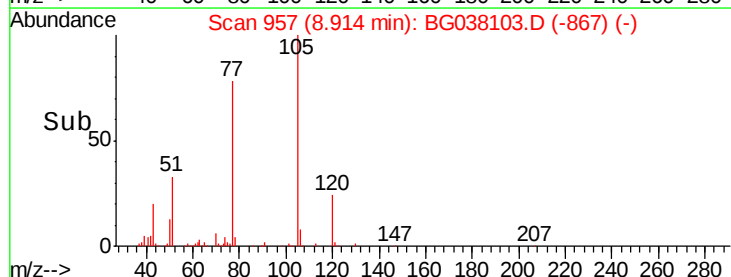


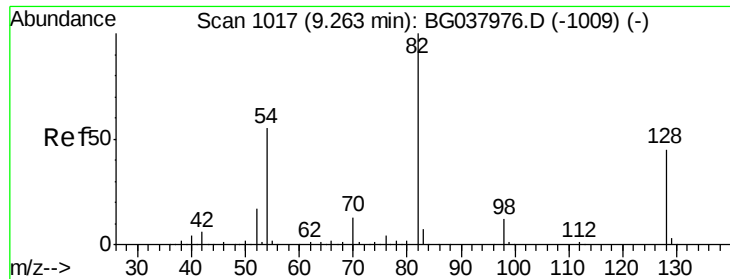
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





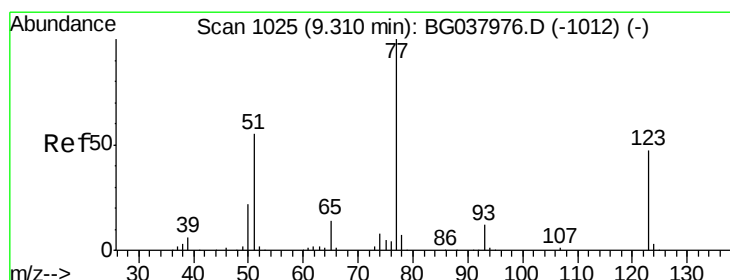
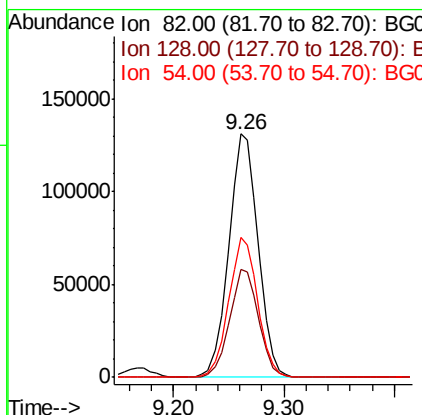
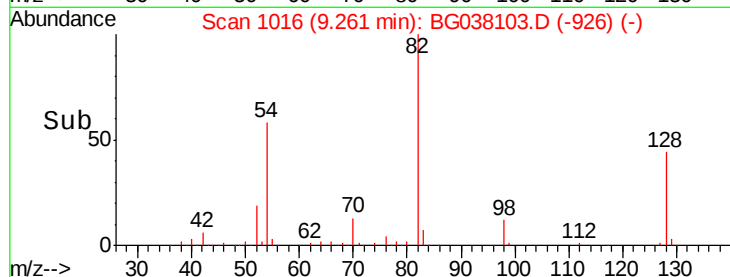
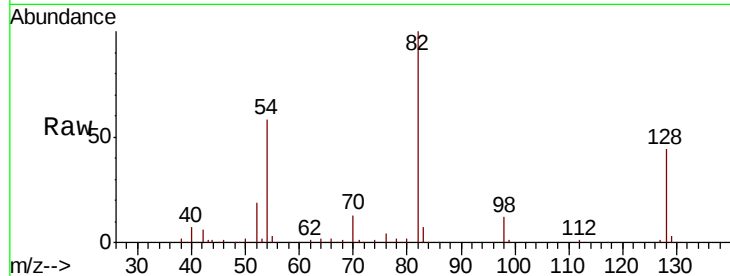
#23
Nitrobenzene-d5
Concen: 74.446 ng
RT: 9.26 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BG038103.D
Acq: 21 Nov 2018 3:58

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.4	34.6	51.8
54	57.7	45.3	67.9

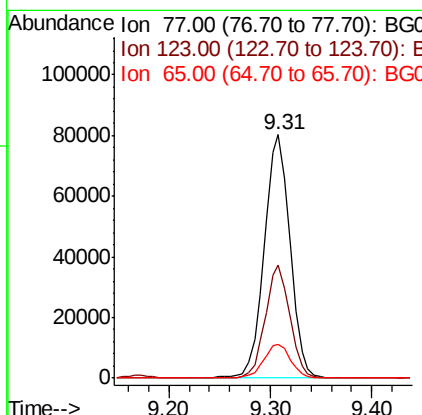
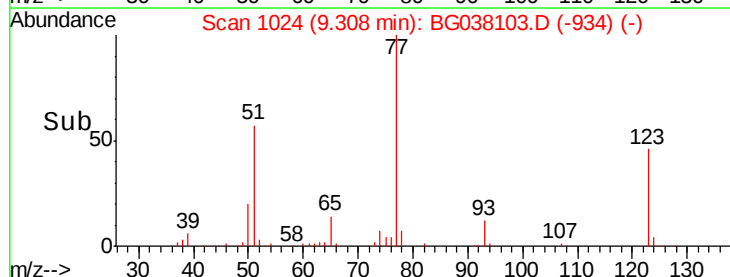
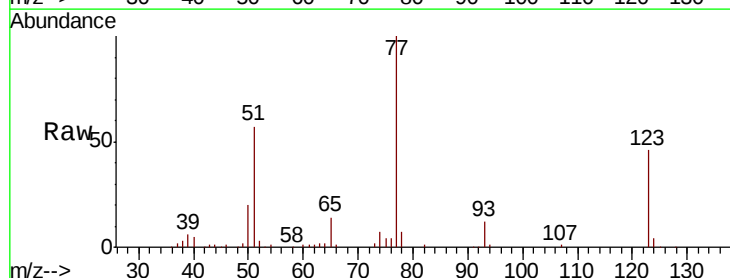
Manual Integrations
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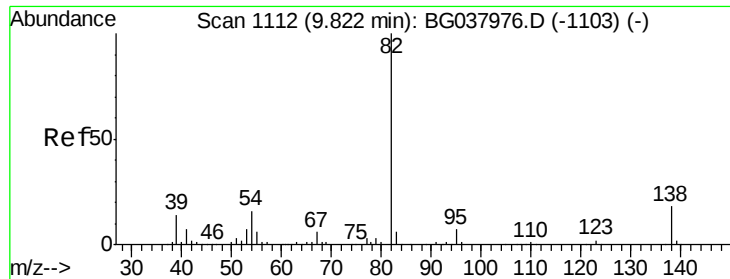
Sohil
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#24
Nitrobenzene
Concen: 42.389 ng
RT: 9.31 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG038103.D
Acq: 21 Nov 2018 3:58

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.4	33.6	50.4
65	13.7	11.3	16.9





#25

Isophorone

Concen: 45.326 ng

RT: 9.82 min Scan# 1111

Delta R.T. -0.00 min

Lab File: BG038103.D

Acq: 21 Nov 2018 3:58

Instrument :

BNA_G

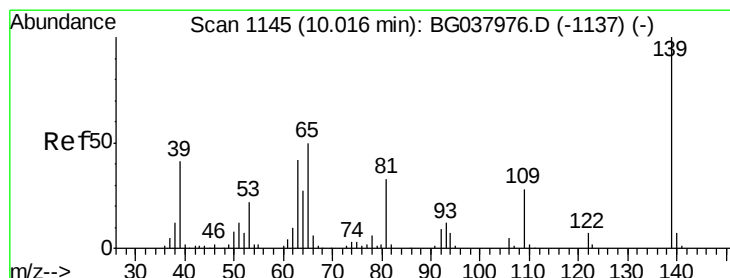
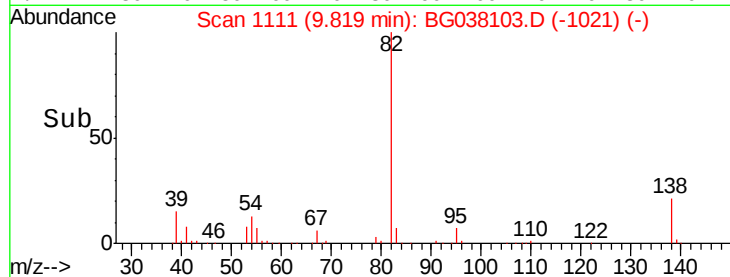
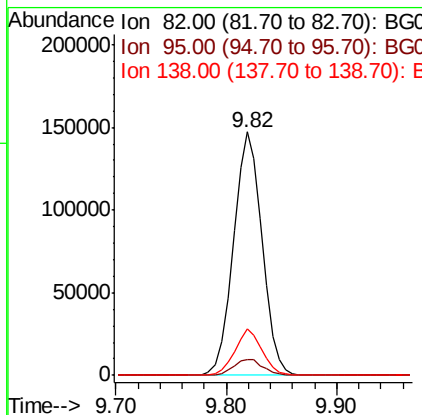
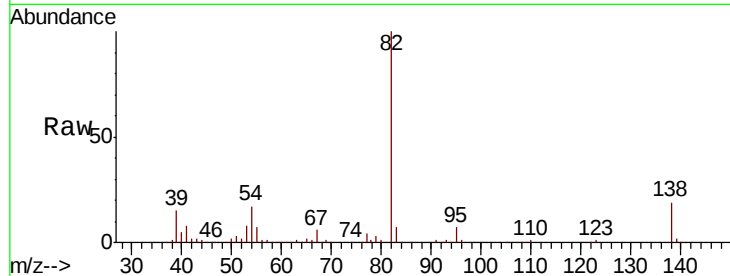
ClientSampleId :

HR-06-111918-AMSD

Tot Ion:	82	Resp:	266528
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.3	7.9
138	19.2	13.3	19.9

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#26

2-Nitrophenol

Concen: 40.944 ng

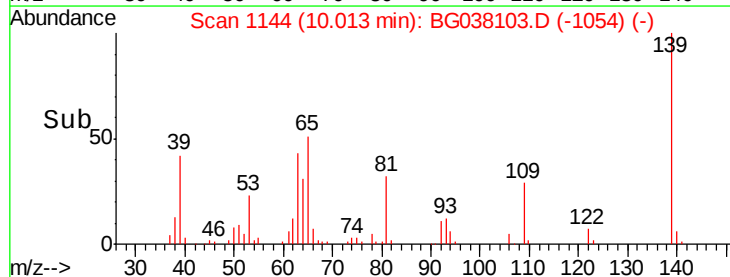
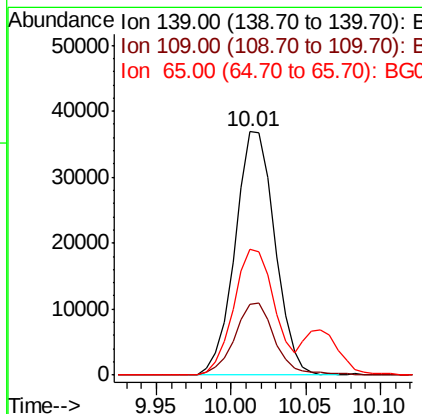
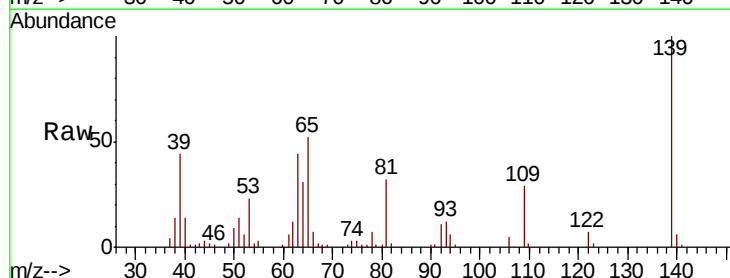
RT: 10.01 min Scan# 1144

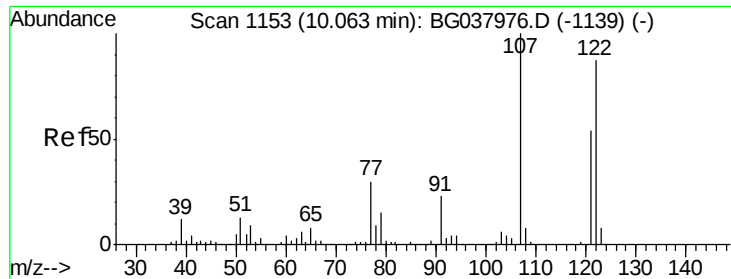
Delta R.T. -0.00 min

Lab File: BG038103.D

Acq: 21 Nov 2018 3:58

Tgt Ion:	139	Resp:	68311
Ion Ratio	Lower	Upper	
139	100		
109	29.2	23.3	34.9
65	51.6	39.8	59.8





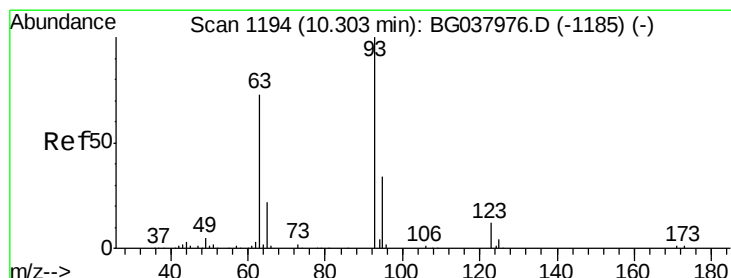
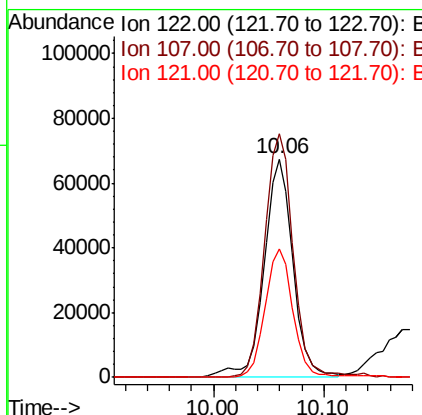
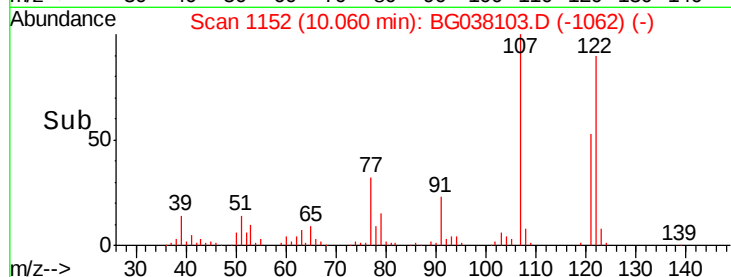
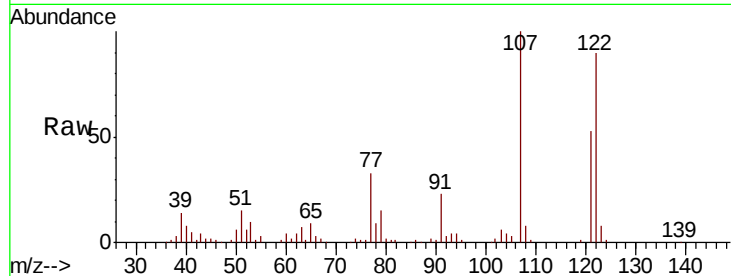
#27
2,4-Dimethylphenol
Concen: 48.999 ng
RT: 10.06 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BG038103.D
Acq: 21 Nov 2018 3:58

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

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.6	94.2	141.2
121	58.9	47.3	70.9

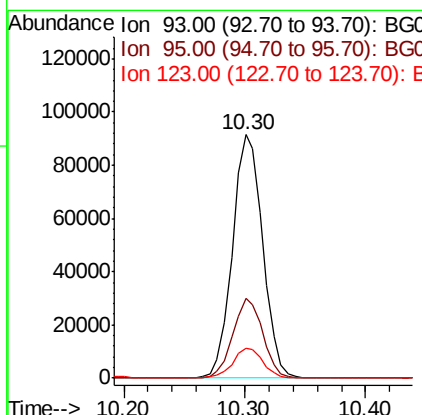
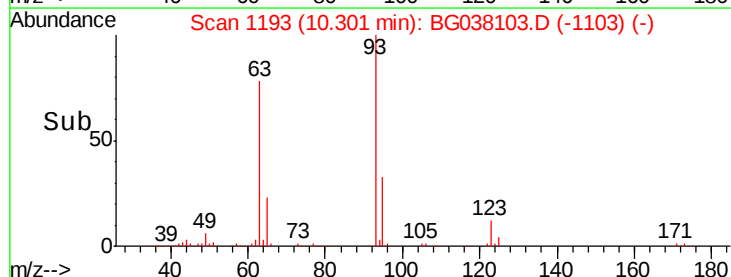
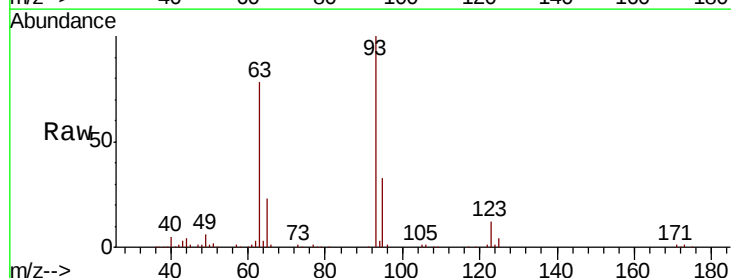
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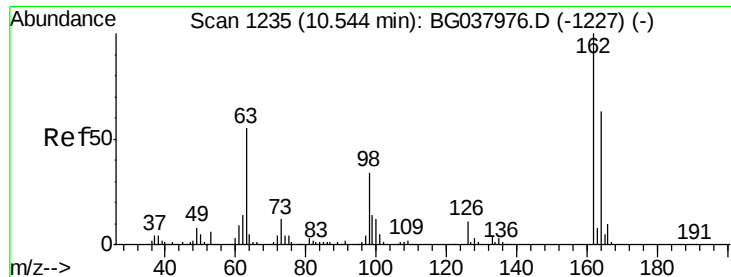
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#28
bis(2-Chloroethoxy)methane
Concen: 42.312 ng
RT: 10.30 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BG038103.D
Acq: 21 Nov 2018 3:58

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	24.6	37.0
123	12.4	9.1	13.7





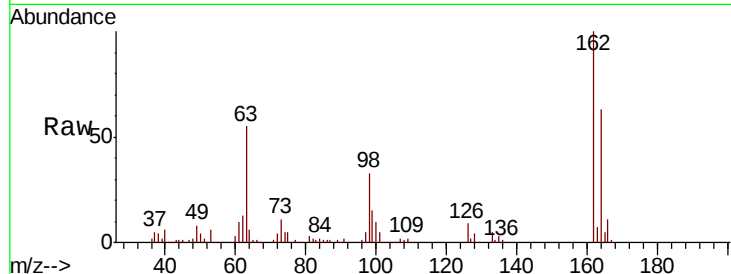
#29
 2,4-Dichlorophenol
 Concen: 43.791 ng
 RT: 10.55 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: BG038103.D
 Acq: 21 Nov 2018 3:58

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

Tot Ion	Ratio	Resp	Lower	Upper
162	100	123820		
164	62.6	43.2	83.2	
98	33.0	16.0	56.0	

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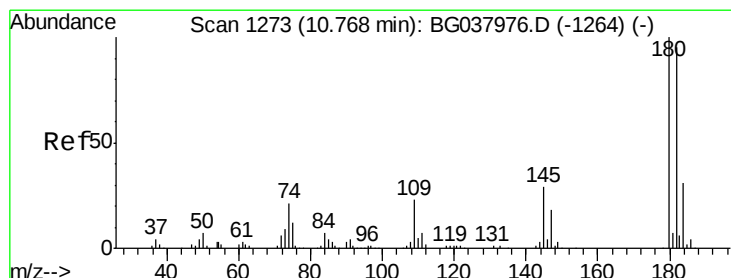
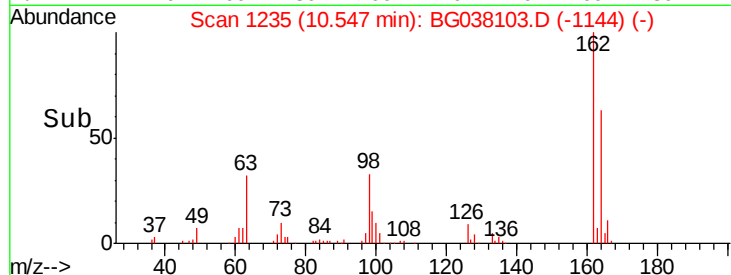
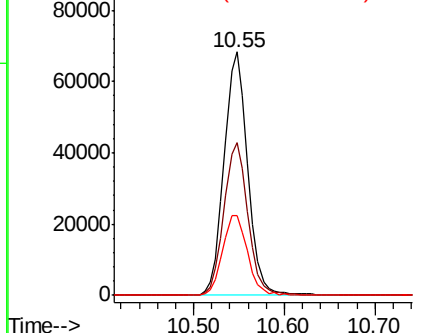


Abundance

Ion 162.00 (161.70 to 162.70): E

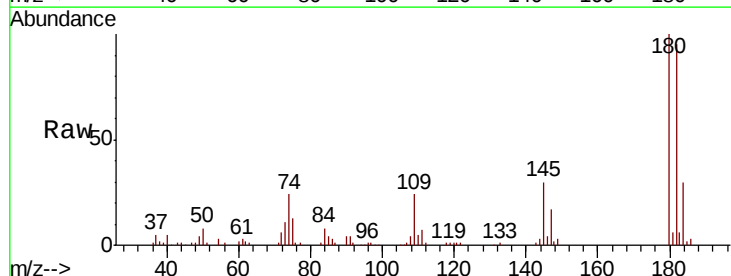
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 39.048 ng
 RT: 10.76 min Scan# 1272
 Delta R.T. -0.00 min
 Lab File: BG038103.D
 Acq: 21 Nov 2018 3:58

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	123723		
182	95.0	77.7	116.5	
145	29.6	23.3	34.9	

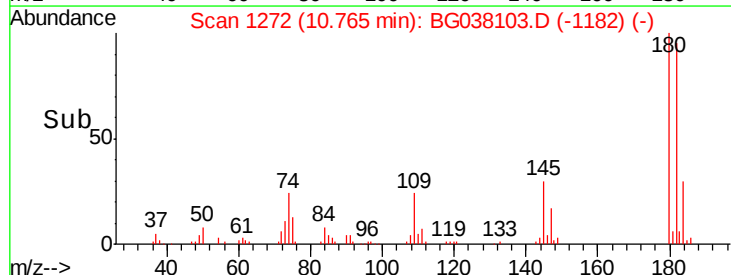
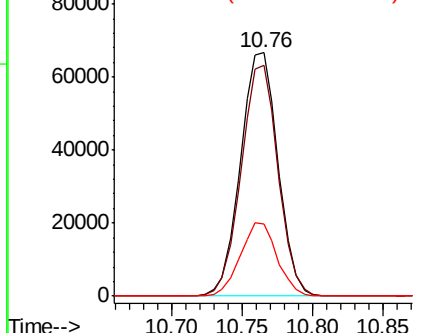


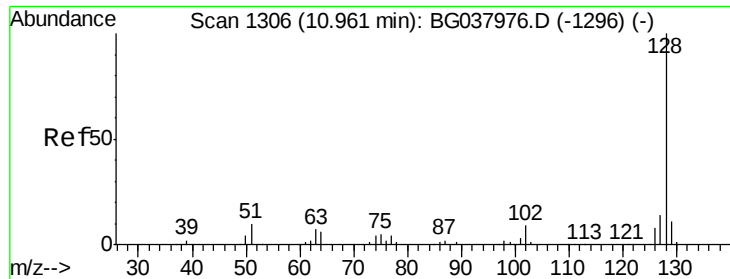
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





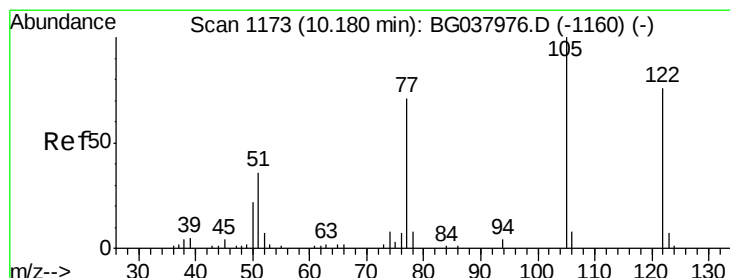
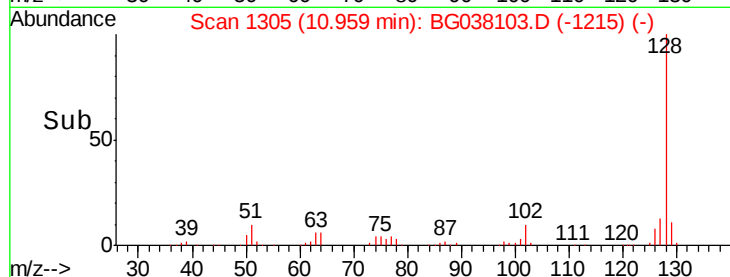
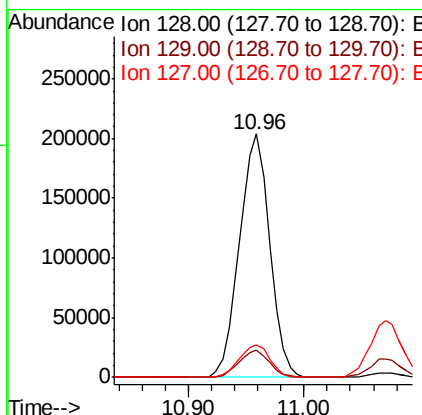
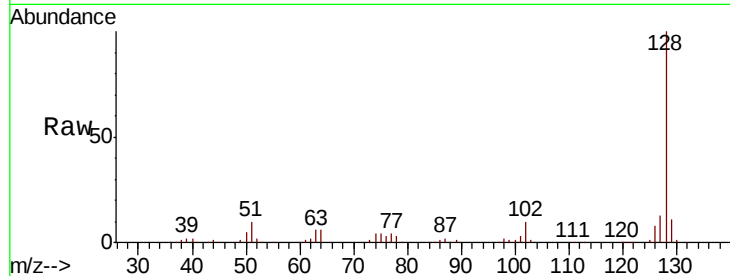
#31
Naphthalene
Concen: 42.967 ng
RT: 10.96 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BG038103.D
Acq: 21 Nov 2018 3:58

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

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.6
127	13.3	11.1	16.7

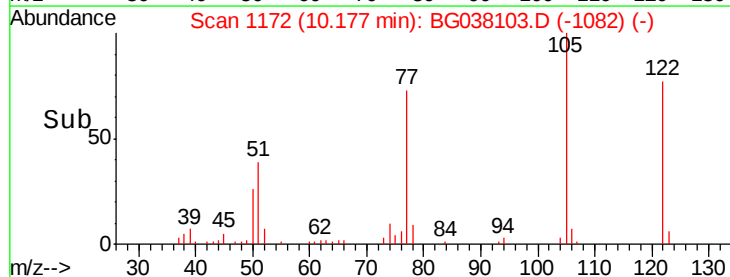
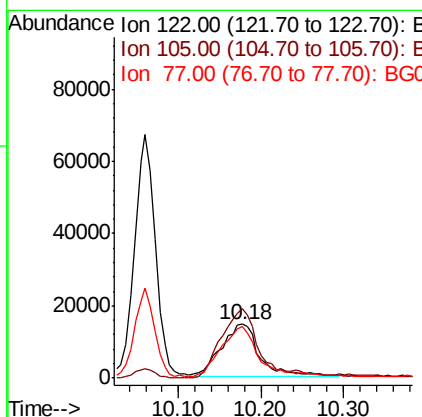
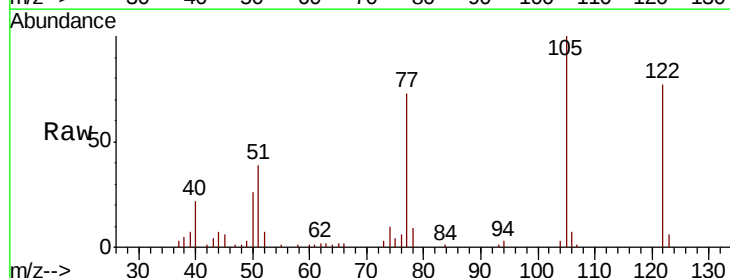
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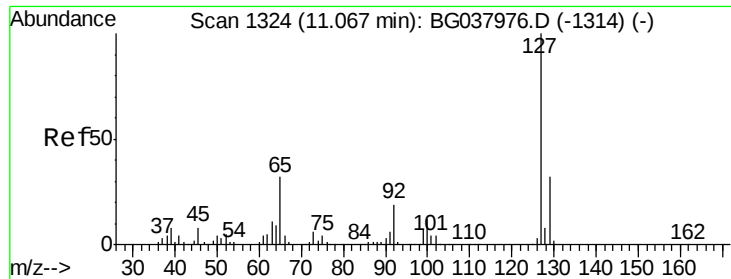
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#32
Benzoic acid
Concen: 33.612 ng m
RT: 10.18 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BG038103.D
Acq: 21 Nov 2018 3:58

Tgt Ion	Ratio	Lower	Upper
122	100		
105	129.5	106.7	146.7
77	94.8	72.2	112.2





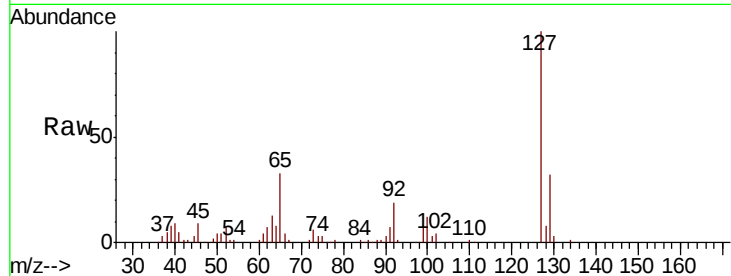
#33
4-Chloroaniline
Concen: 23.426 ng
RT: 11.07 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BG038103.D
Acq: 21 Nov 2018 3:58

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.9	27.1	40.7		
65	32.5	26.6	39.8		
92	18.6	16.4	24.6		

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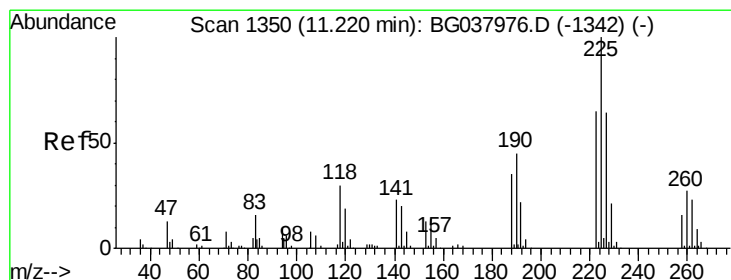
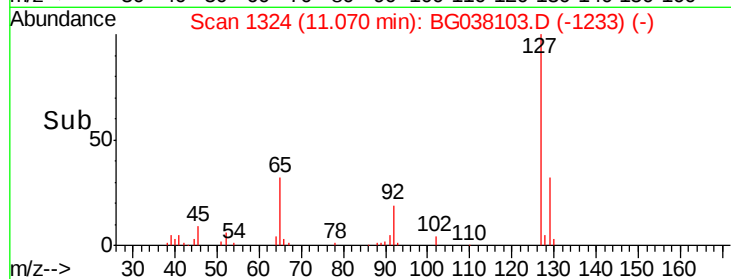
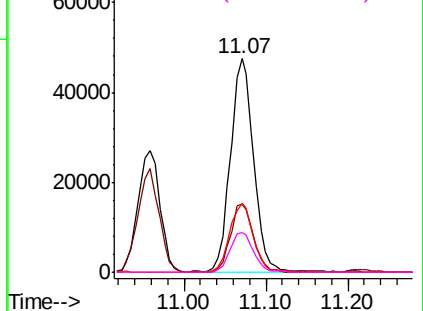
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

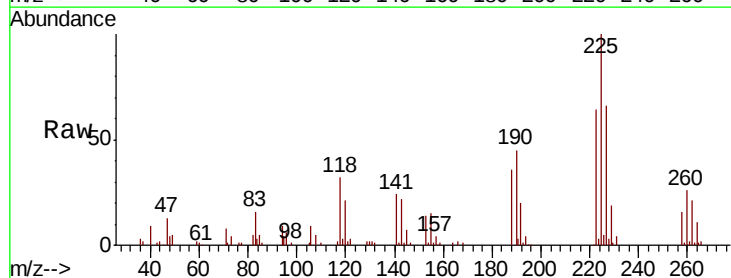
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 36.362 ng
RT: 11.22 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BG038103.D
Acq: 21 Nov 2018 3:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.8	48.2	72.4		
227	65.4	51.6	77.4		

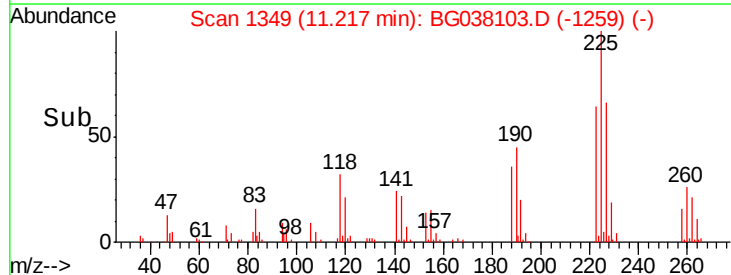
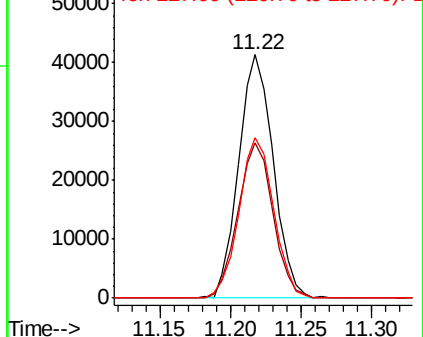


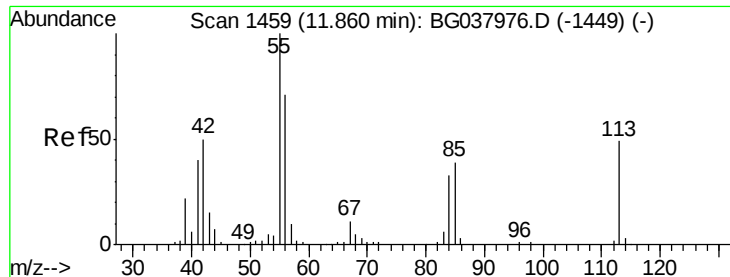
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 28.717 ng

RT: 11.85 min Scan# 1457

Delta R.T. -0.01 min

Lab File: BG038103.D

Acq: 21 Nov 2018 3:58

Instrument :

BNA_G

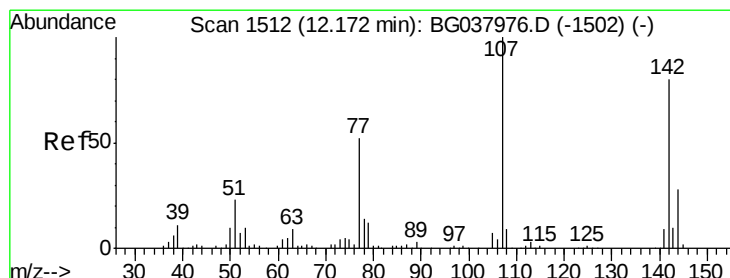
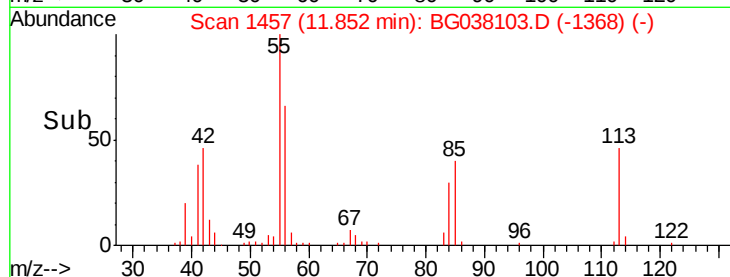
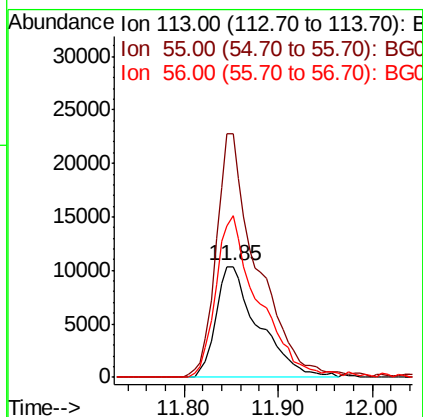
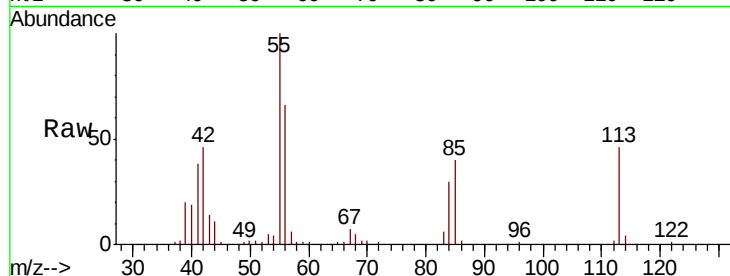
ClientSampleId :

HR-06-111918-AMSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	218.8	176.6	216.6#
56	145.4	128.3	168.3

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#36

4-Chloro-3-methylphenol

Concen: 42.866 ng

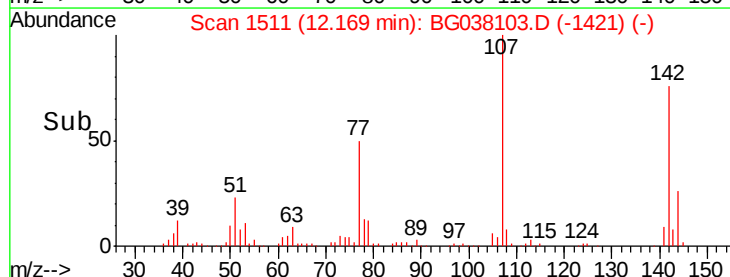
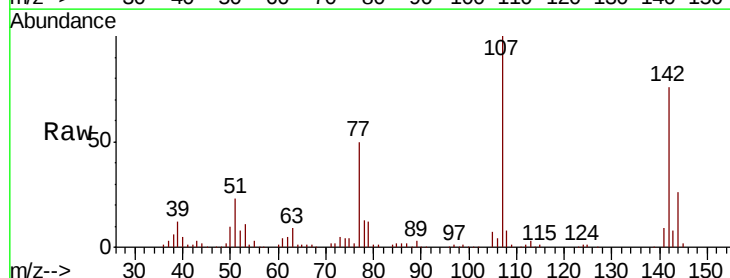
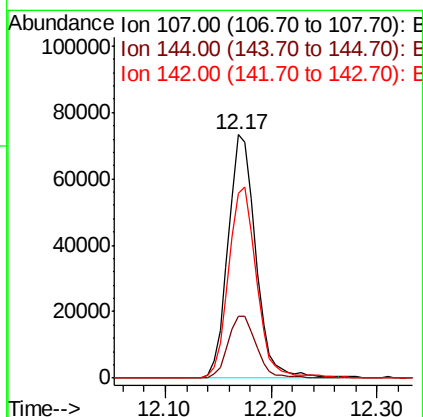
RT: 12.17 min Scan# 1511

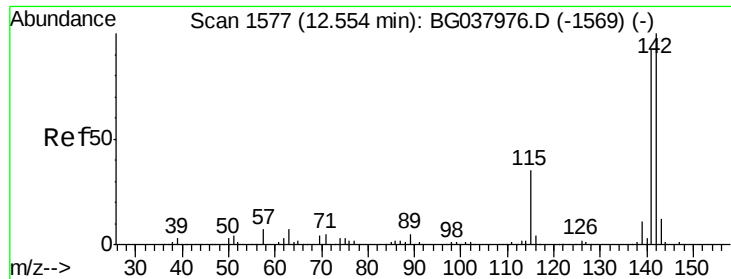
Delta R.T. -0.00 min

Lab File: BG038103.D

Acq: 21 Nov 2018 3:58

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.7	20.7	31.1
142	76.1	64.4	96.6





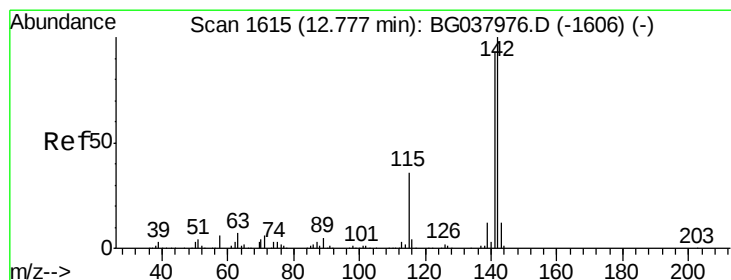
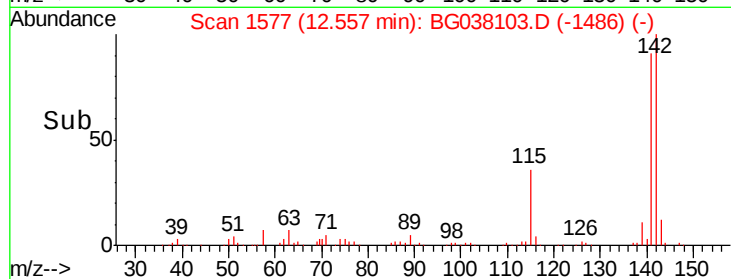
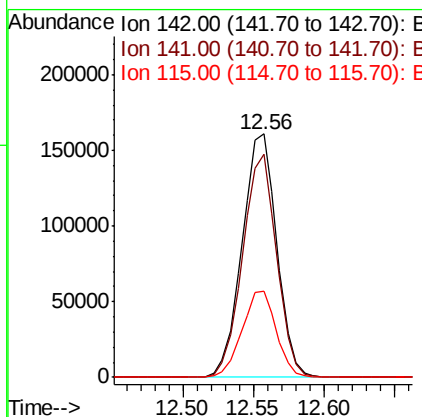
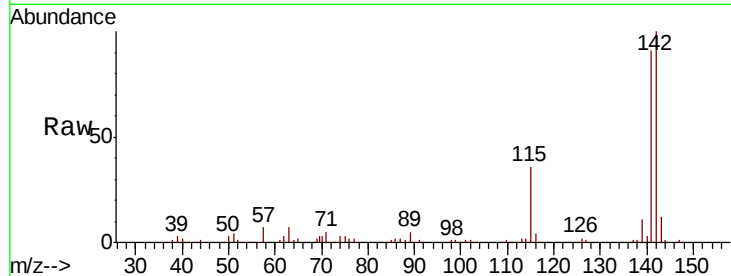
#37
2-Methylnaphthalene
Concen: 44.863 ng
RT: 12.56 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BG038103.D
Acq: 21 Nov 2018 3:58

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.4	71.9	107.9
115	35.6	27.8	41.8

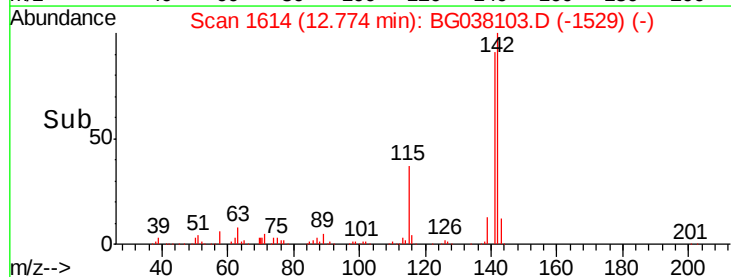
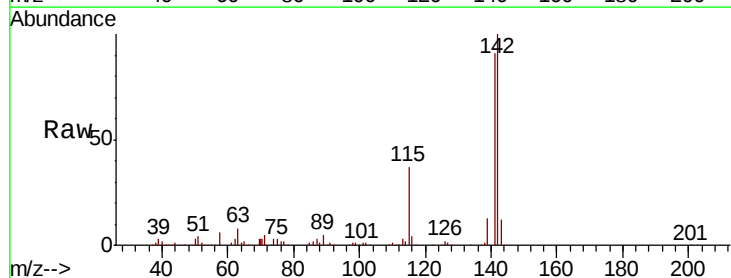
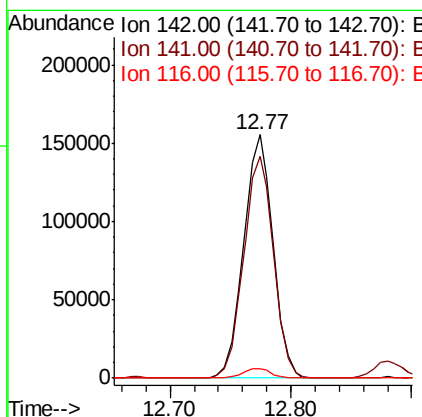
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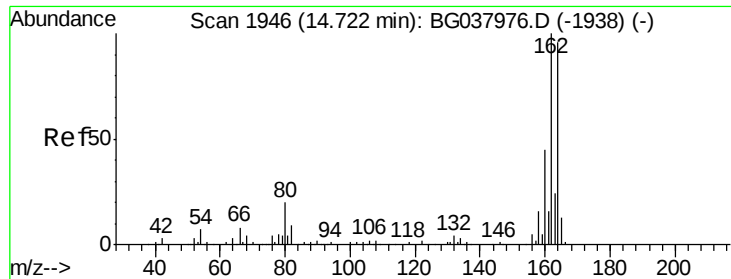
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#38
1-Methylnaphthalene
Concen: 44.083 ng
RT: 12.77 min Scan# 1614
Delta R.T. -0.00 min
Lab File: BG038103.D
Acq: 21 Nov 2018 3:58

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.2	75.2	112.8
116	3.8	3.3	4.9





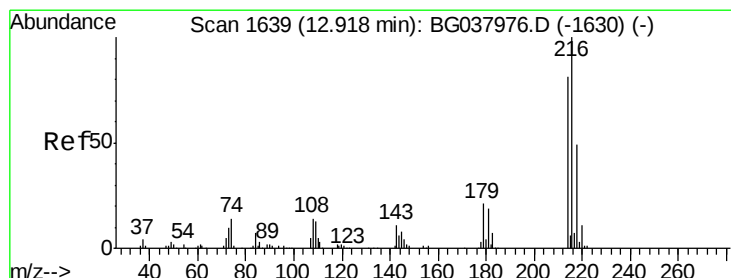
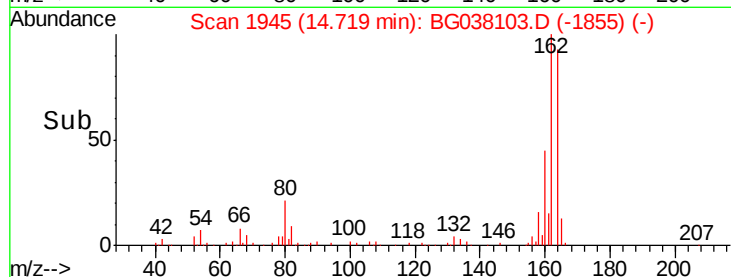
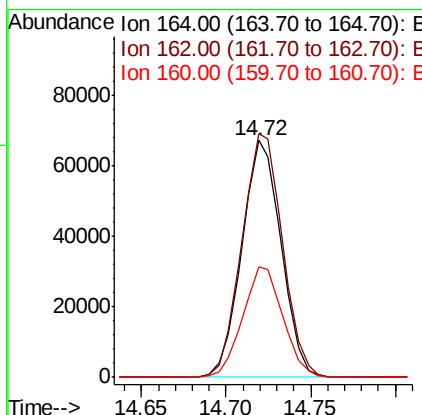
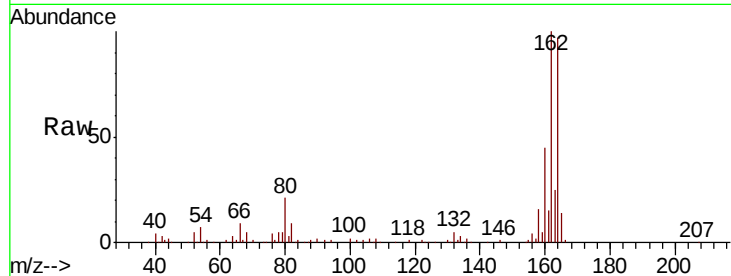
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BG038103.D
Acq: 21 Nov 2018 3:58

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

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.9	81.3	121.9
160	46.8	36.3	54.5

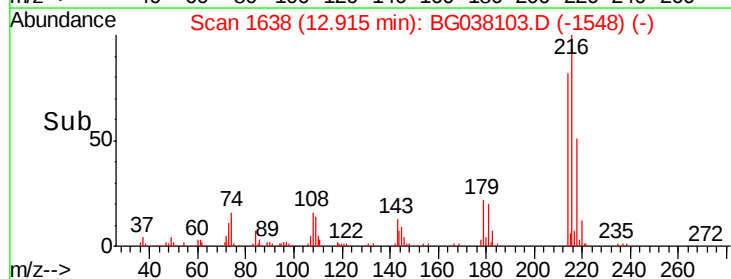
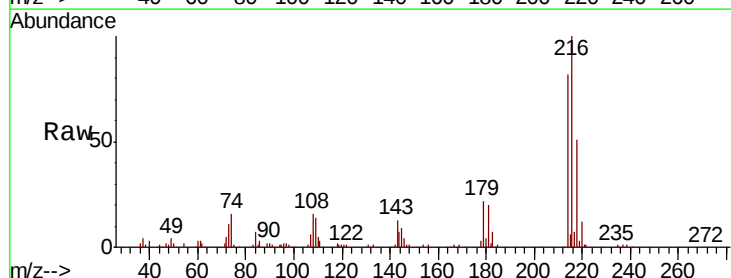
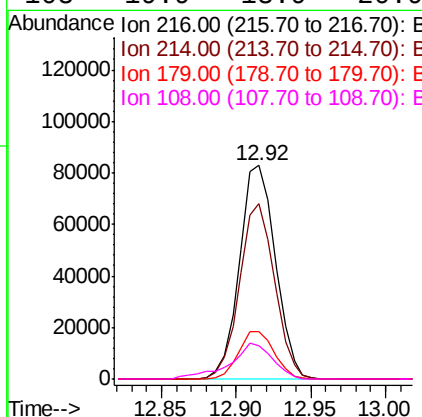
Manual Integrations
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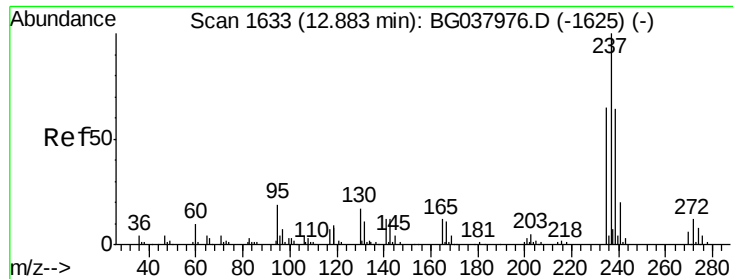
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.235 ng
RT: 12.92 min Scan# 1638
Delta R.T. -0.00 min
Lab File: BG038103.D
Acq: 21 Nov 2018 3:58

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.0	63.8	95.6
179	22.1	17.4	26.0
108	19.9	13.9	20.9





#41

Hexachlorocyclopentadiene

Concen: 83.291 ng

RT: 12.88 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BG038103.D

Acq: 21 Nov 2018 3:58

Instrument :

BNA_G

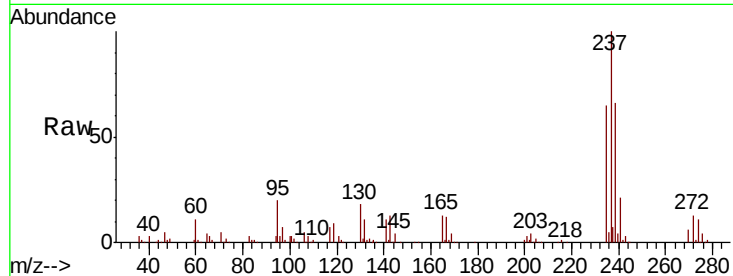
ClientSampleId :

HR-06-111918-AMSD

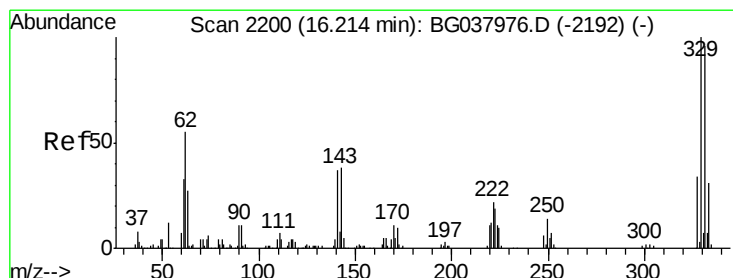
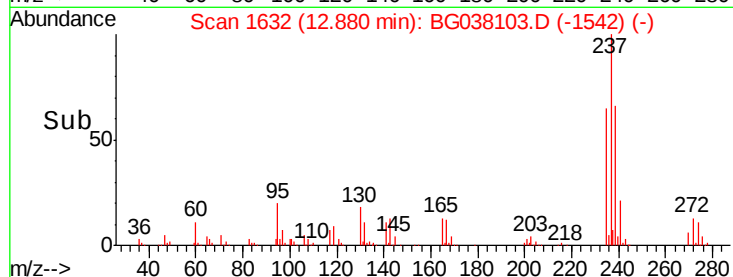
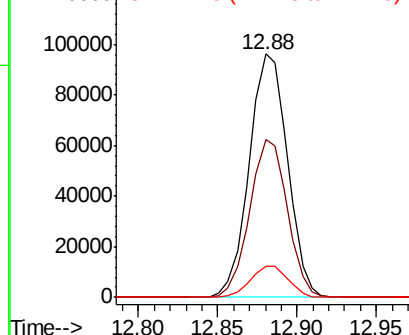
Tot Ion:	237	Resp:	161509
Ion Ratio	Lower	Upper	
237	100		
235	64.8	42.5	82.5
272	12.6	0.0	31.6

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



#42

2,4,6-Tribromophenol

Concen: 109.537 ng

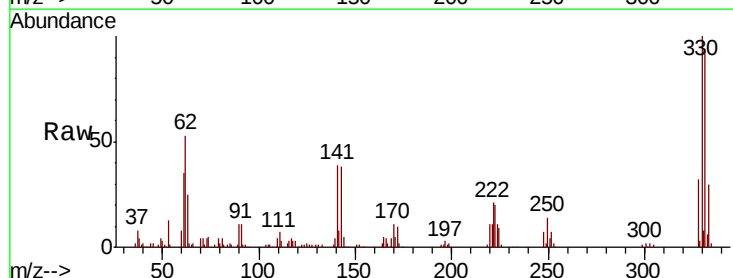
RT: 16.21 min Scan# 2199

Delta R.T. -0.00 min

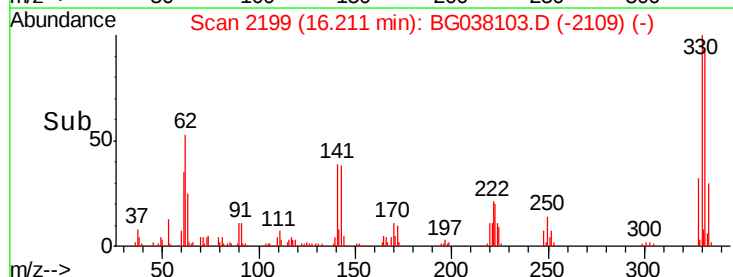
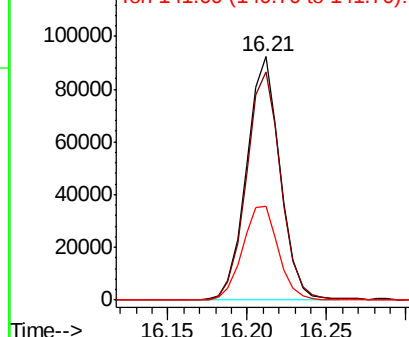
Lab File: BG038103.D

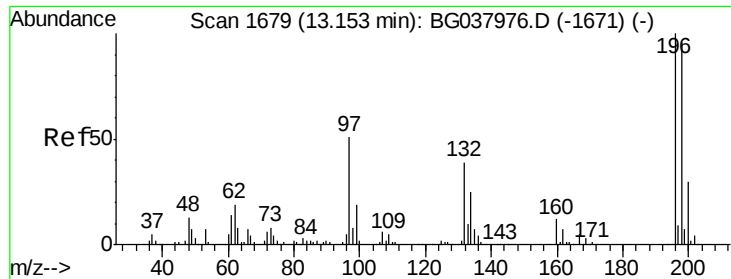
Acq: 21 Nov 2018 3:58

Tgt Ion:	330	Resp:	135382
Ion Ratio	Lower	Upper	
330	100		
332	96.5	78.4	117.6
141	41.3	32.2	48.2



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





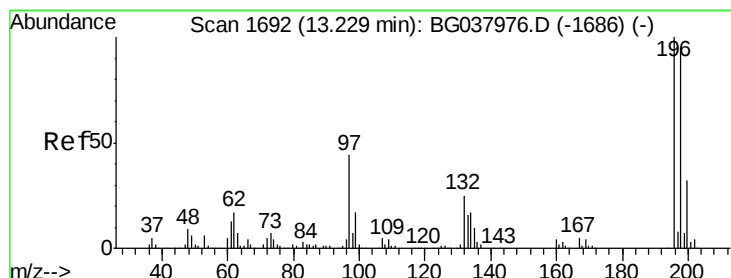
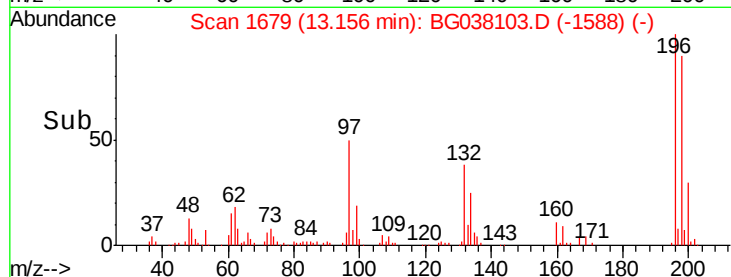
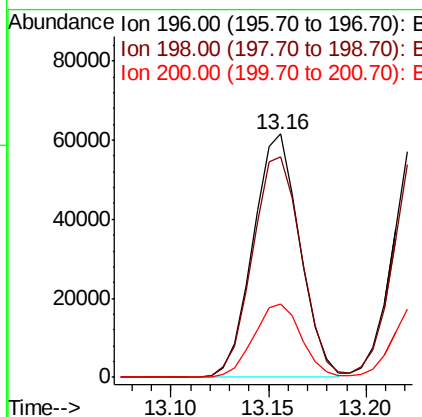
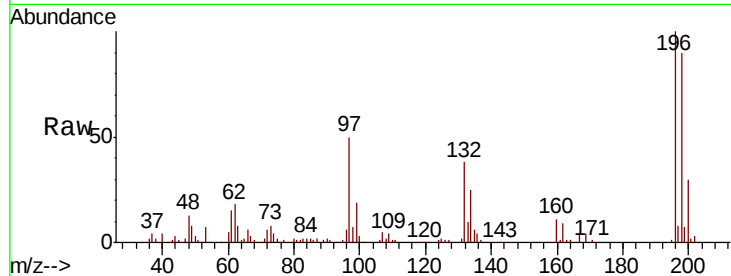
#43
2,4,6-Trichlorophenol
Concen: 41.348 ng
RT: 13.16 min Scan# 1679
Delta R.T. 0.00 min
Lab File: BG038103.D
Acq: 21 Nov 2018 3:58

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

Tot Ion	Ratio	Resp	Lower	Upper
196	100	102033		
198	90.4	76.4	114.6	
200	30.4	24.9	37.3	

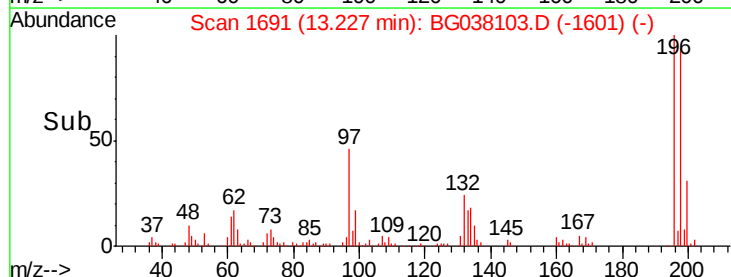
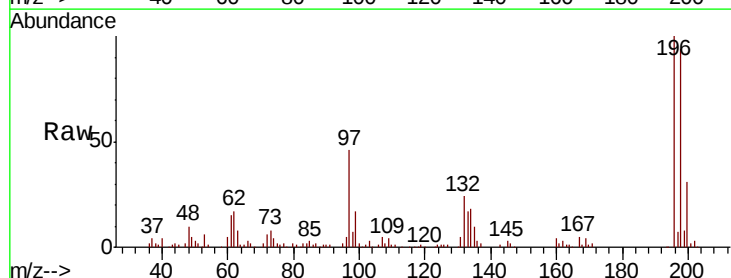
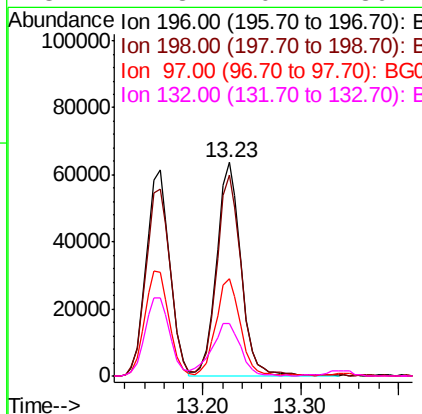
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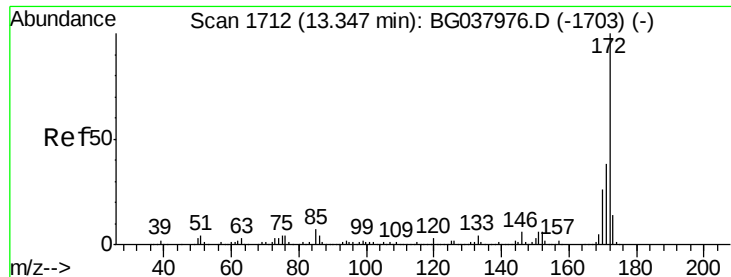
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#44
2,4,5-Trichlorophenol
Concen: 42.505 ng
RT: 13.23 min Scan# 1691
Delta R.T. -0.00 min
Lab File: BG038103.D
Acq: 21 Nov 2018 3:58

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	110361		
198	93.9	74.2	111.2	
97	45.8	34.1	51.1	
132	24.3	20.2	30.4	





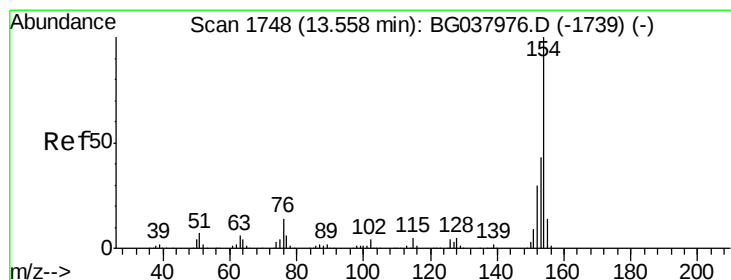
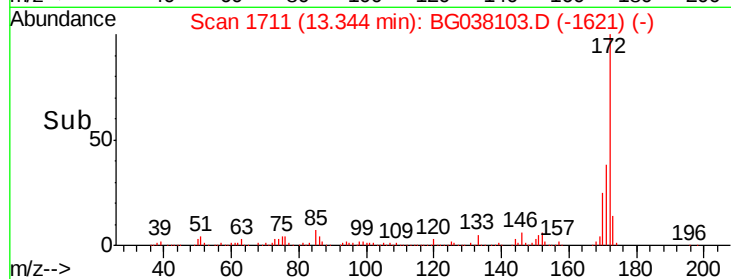
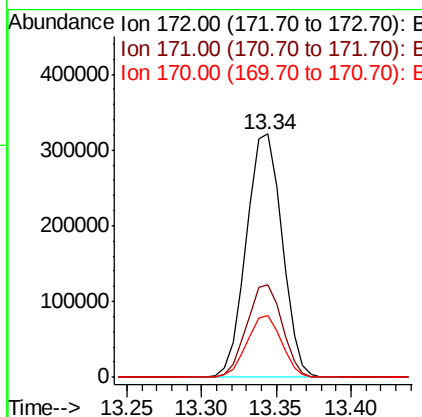
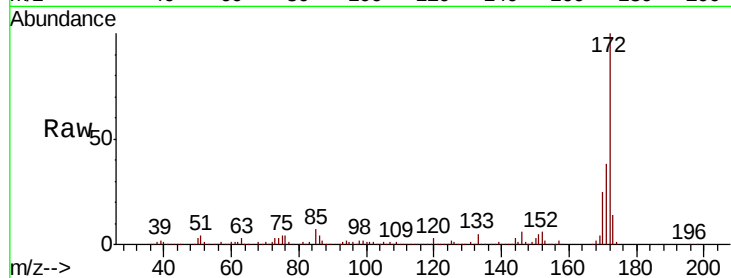
#45
2-Fluorobiphenyl
Concen: 71.573 ng
RT: 13.34 min Scan# 1711
Delta R.T. -0.00 min
Lab File: BG038103.D
Acq: 21 Nov 2018 3:58

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

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.9	31.0	46.4
170	25.4	20.2	30.2

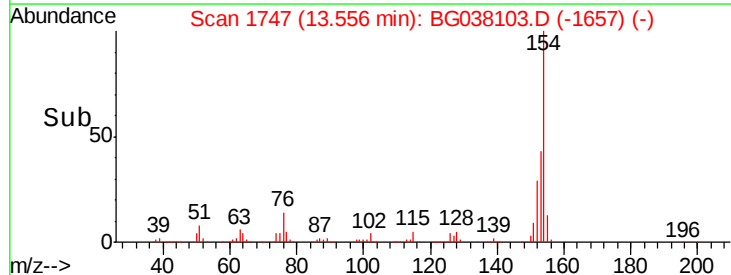
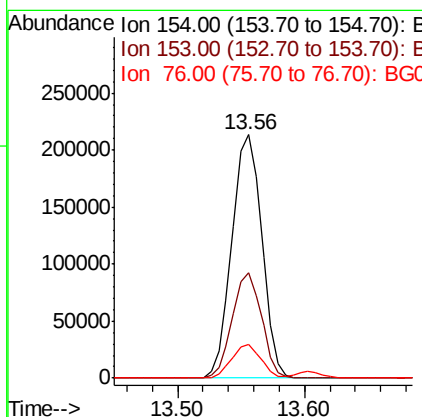
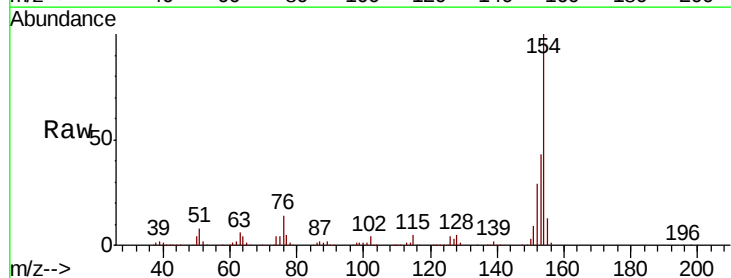
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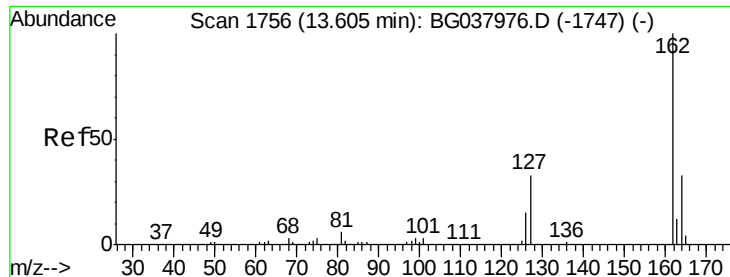
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#46
1,1'-Biphenyl
Concen: 38.401 ng
RT: 13.56 min Scan# 1747
Delta R.T. -0.00 min
Lab File: BG038103.D
Acq: 21 Nov 2018 3:58

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.0	22.1	62.1
76	13.7	0.0	33.2





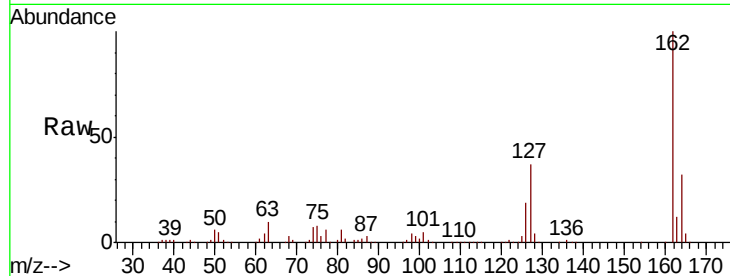
#47
 2-Chloronaphthalene
 Concen: 39.852 ng
 RT: 13.60 min Scan# 1755
 Delta R.T. -0.00 min
 Lab File: BG038103.D
 Acq: 21 Nov 2018 3:58

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

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.2	30.5	45.7
164	32.1	26.4	39.6

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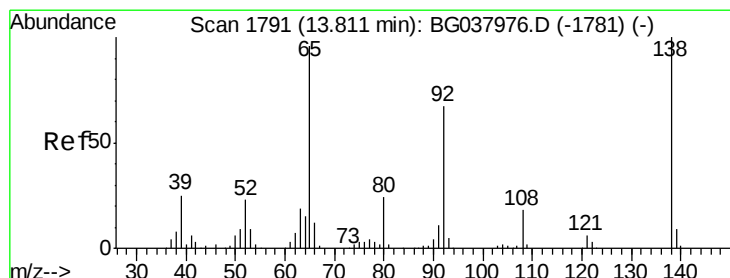
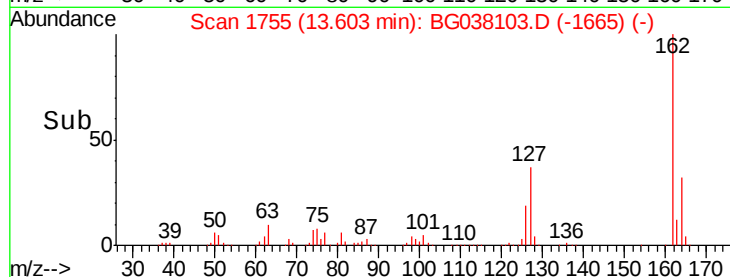
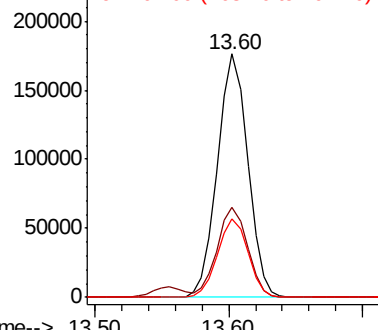


Abundance

Ion 162.00 (161.70 to 162.70): E

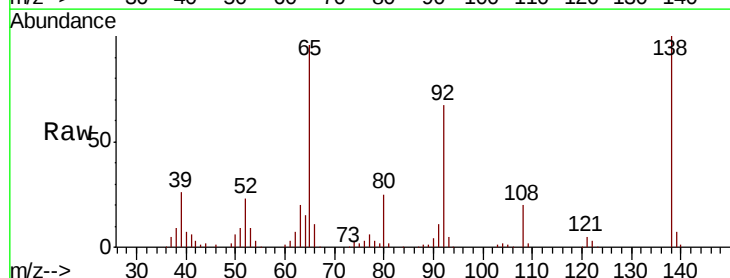
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 44.203 ng
 RT: 13.81 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: BG038103.D
 Acq: 21 Nov 2018 3:58

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.7	53.2	79.8
138	104.0	79.3	118.9

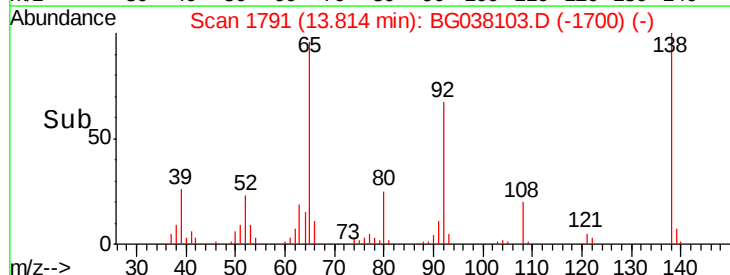
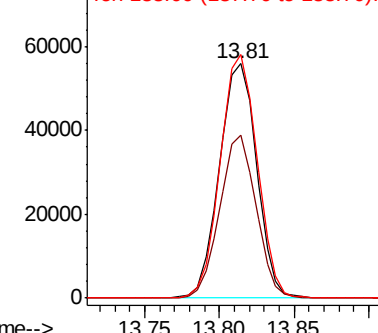


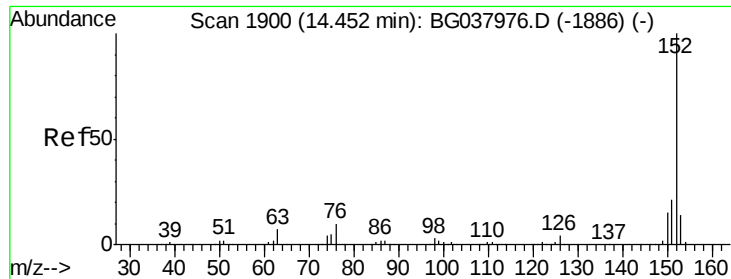
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 43.646 ng

RT: 14.45 min Scan# 1899

Delta R.T. -0.00 min

Lab File: BG038103.D

Acq: 21 Nov 2018 3:58

Instrument :

BNA_G

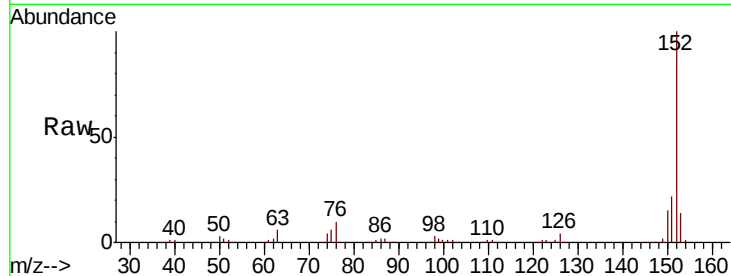
ClientSampleId :

HR-06-111918-AMSD

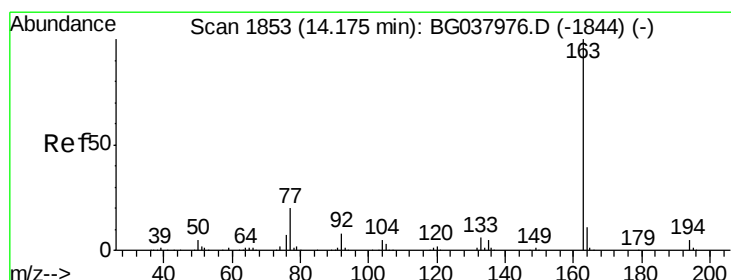
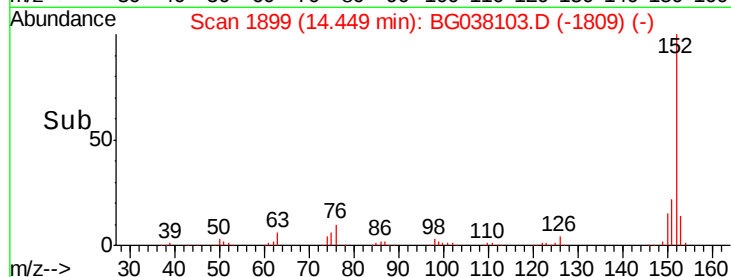
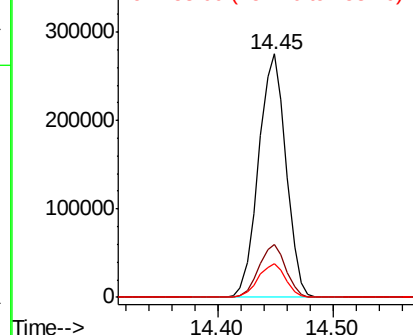
Tot Ion:	152	Resp:	455990
Ion Ratio	Lower	Upper	
152	100		
151	21.5	17.1	25.7
153	13.8	11.1	16.7

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



#50

Dimethylphthalate

Concen: 41.709 ng

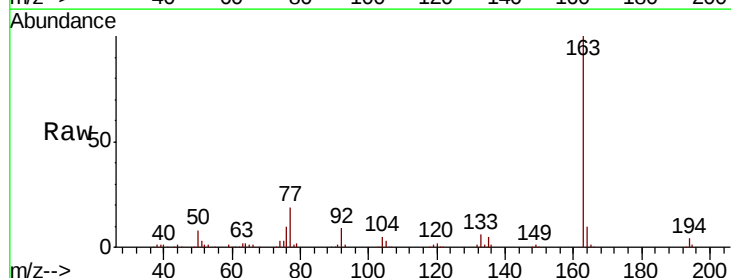
RT: 14.17 min Scan# 1852

Delta R.T. -0.00 min

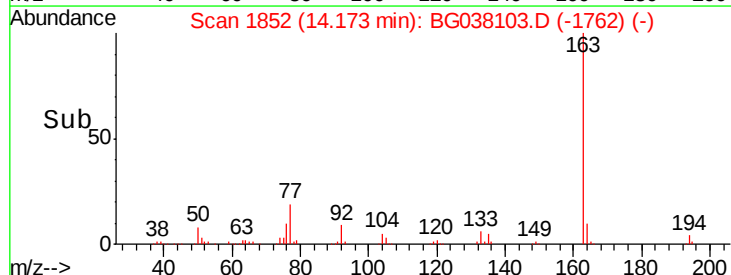
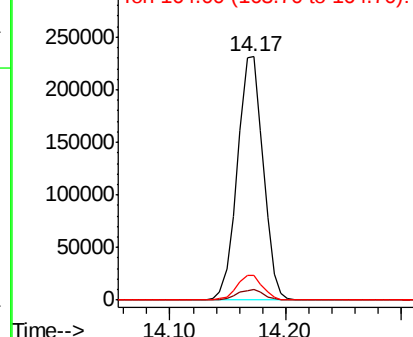
Lab File: BG038103.D

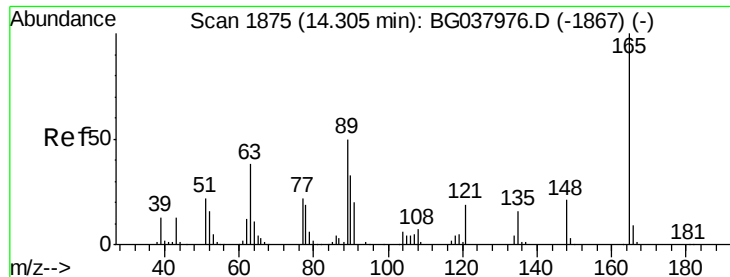
Acq: 21 Nov 2018 3:58

Tgt Ion:	163	Resp:	358336
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.5	5.3
164	10.2	8.5	12.7



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





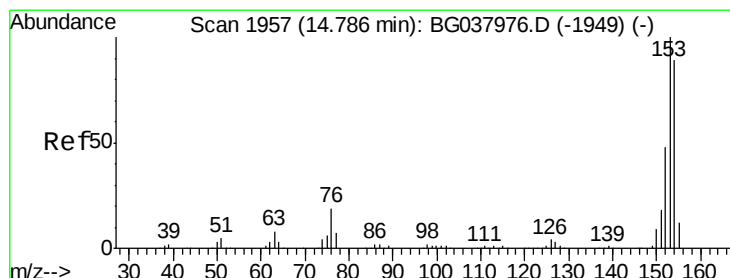
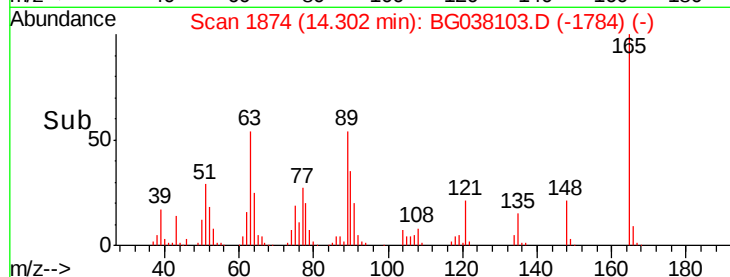
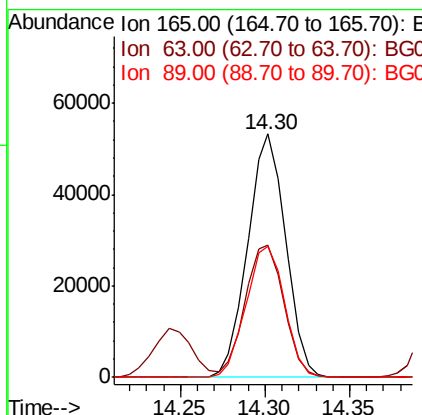
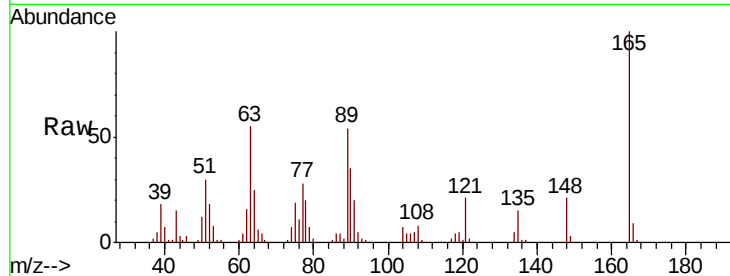
#51
2,6-Dinitrotoluene
Concen: 42.694 ng
RT: 14.30 min Scan# 1874
Delta R.T. -0.00 min
Lab File: BG038103.D
Acq: 21 Nov 2018 3:58

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

Tot Ion	Ratio	Lower	Upper
165	100		
63	54.5	43.4	65.2
89	53.8	45.8	68.6

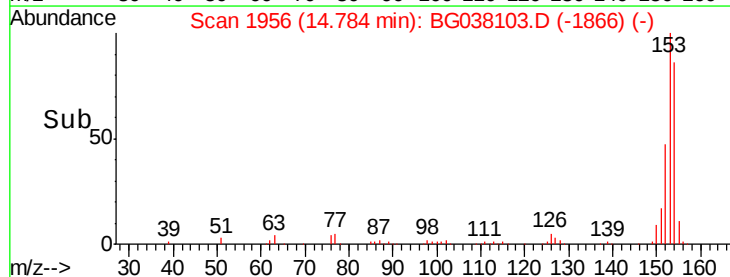
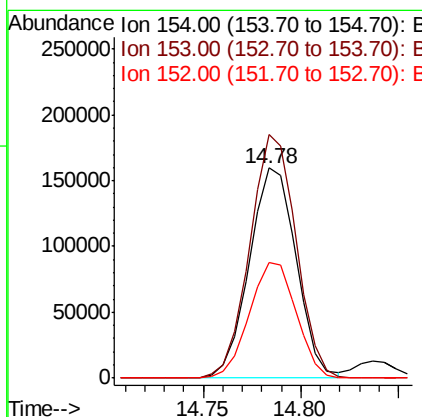
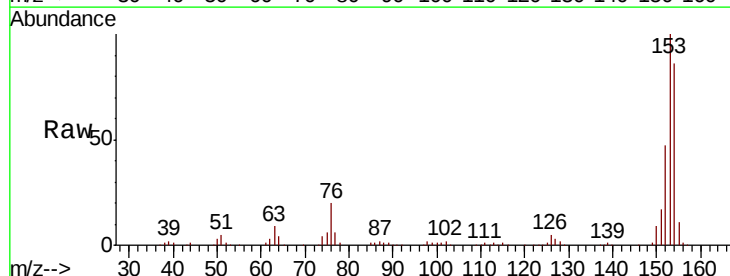
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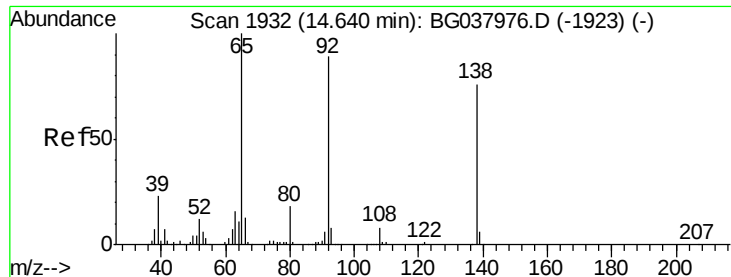
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#52
Acenaphthene
Concen: 42.215 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.00 min
Lab File: BG038103.D
Acq: 21 Nov 2018 3:58

Tgt Ion	Ratio	Lower	Upper
154	100		
153	116.0	93.4	140.0
152	55.0	44.7	67.1





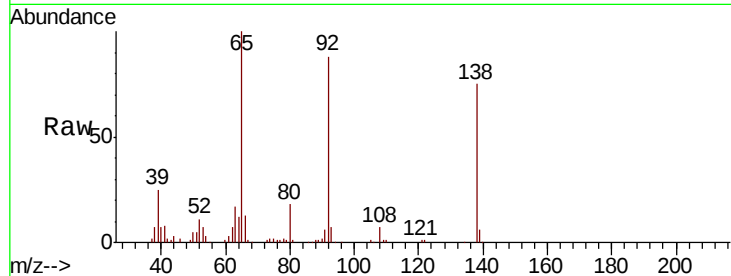
#53
3-Nitroaniline
Concen: 34.018 ng
RT: 14.64 min Scan# 1931
Delta R.T. -0.00 min
Lab File: BG038103.D
Acq: 21 Nov 2018 3:58

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

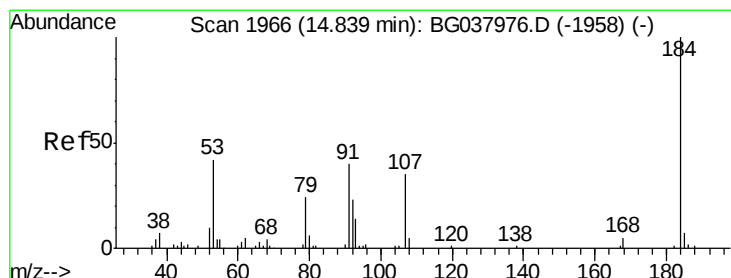
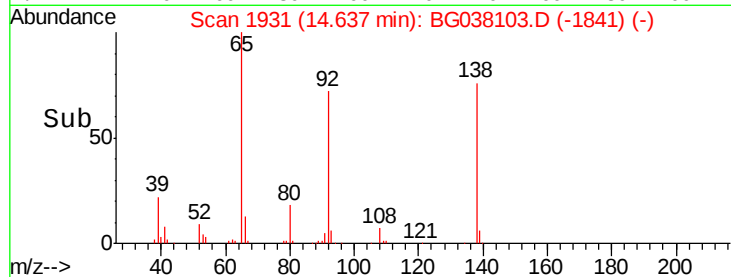
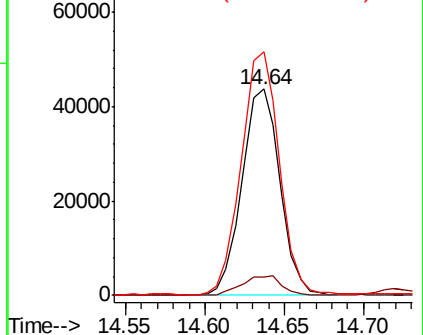
Tot Ion:138 Resp: 72989
Ion Ratio Lower Upper
138 100
108 9.0 11.0 16.6#
92 118.1 95.2 142.8

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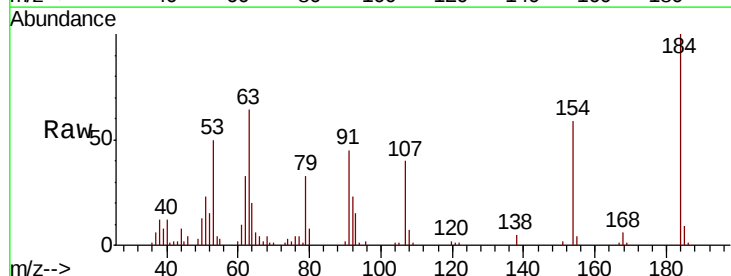


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

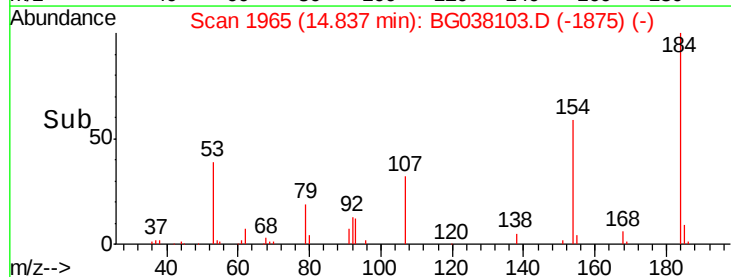
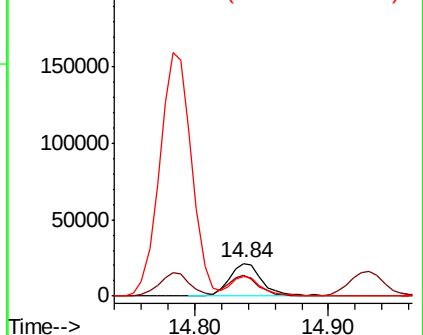


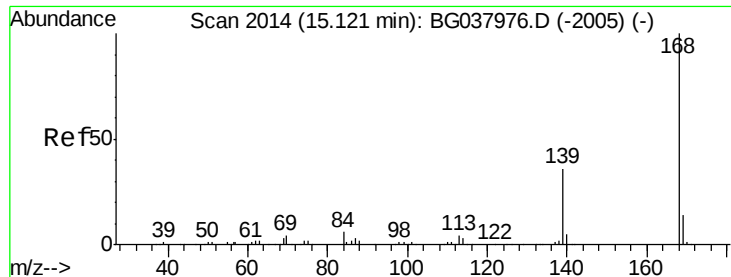
#54
2,4-Dinitrophenol
Concen: 40.485 ng
RT: 14.84 min Scan# 1965
Delta R.T. -0.00 min
Lab File: BG038103.D
Acq: 21 Nov 2018 3:58

Tgt Ion:184 Resp: 37042
Ion Ratio Lower Upper
184 100
63 63.7 42.6 63.8
154 59.0 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





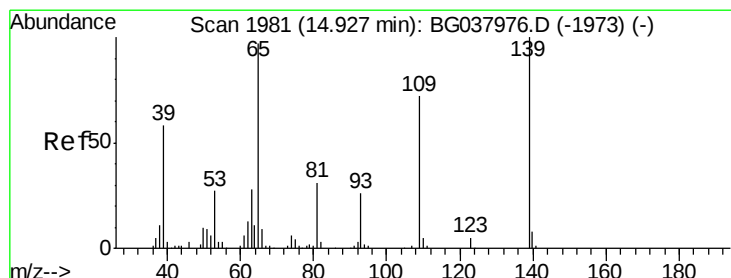
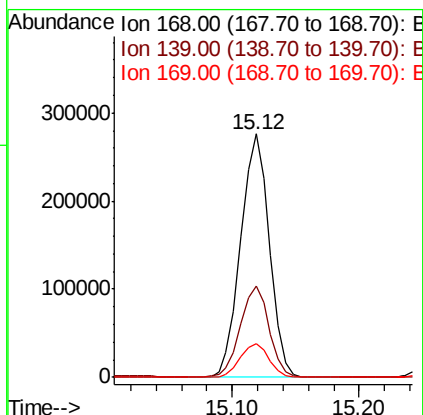
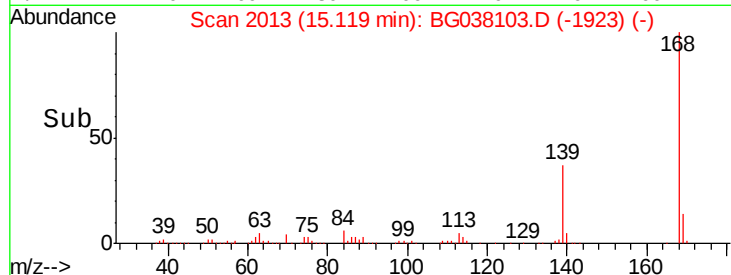
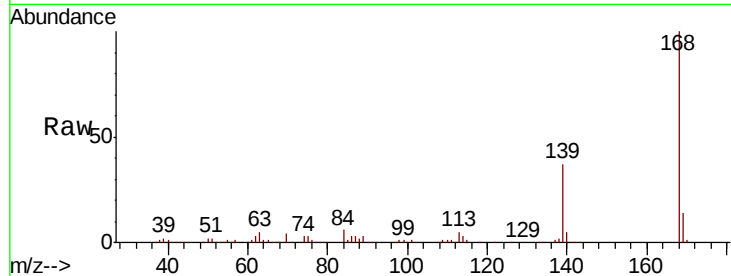
#55
Dibenzenofuran
Concen: 41.595 ng
RT: 15.12 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BG038103.D
Acq: 21 Nov 2018 3:58

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

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.5	29.4	44.0
169	13.9	11.0	16.6

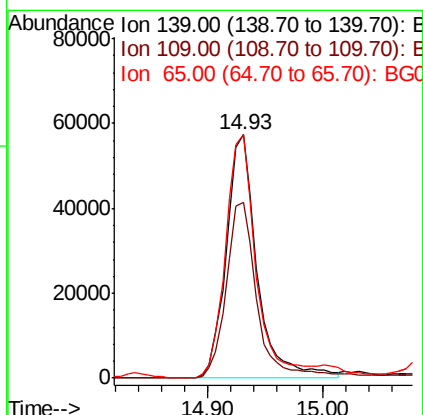
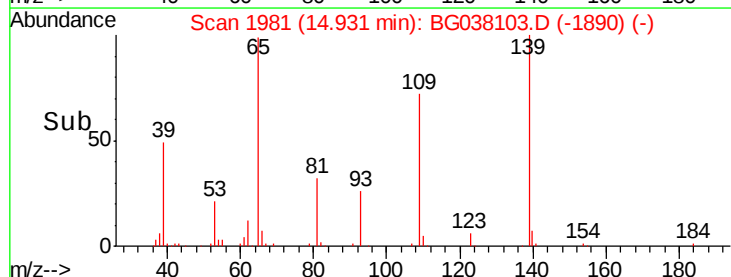
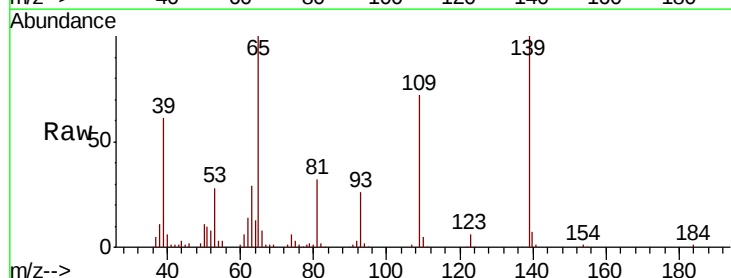
Manual Integrations
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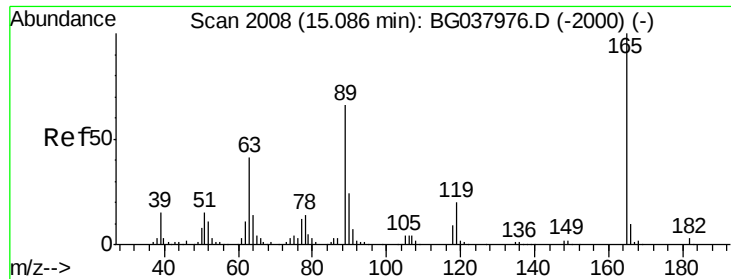
Sohil
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#56
4-Nitrophenol
Concen: 64.144 ng
RT: 14.93 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BG038103.D
Acq: 21 Nov 2018 3:58

Tgt Ion	Ratio	Lower	Upper
139	100		
109	72.2	49.5	89.5
65	100.2	76.8	116.8





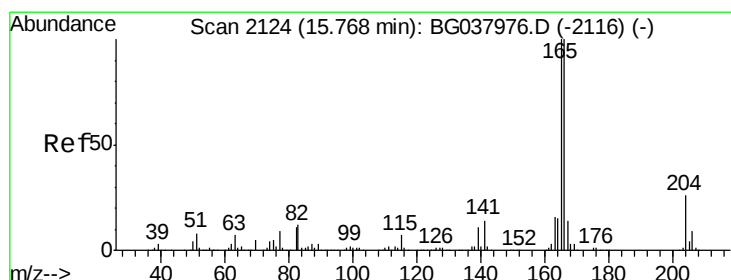
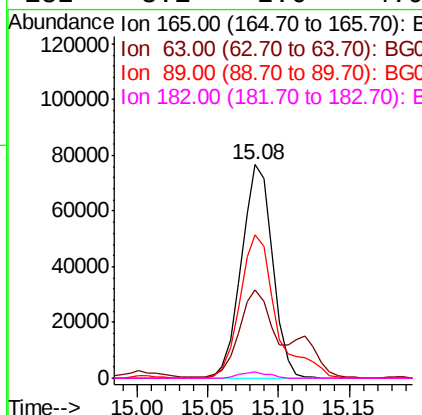
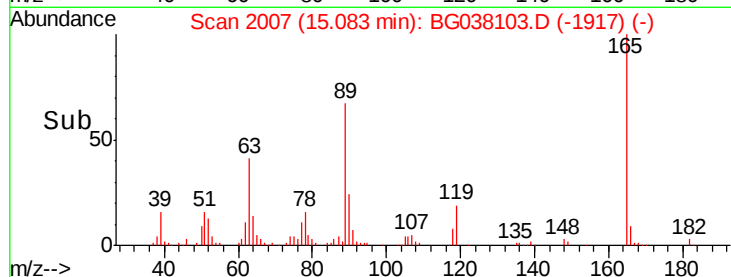
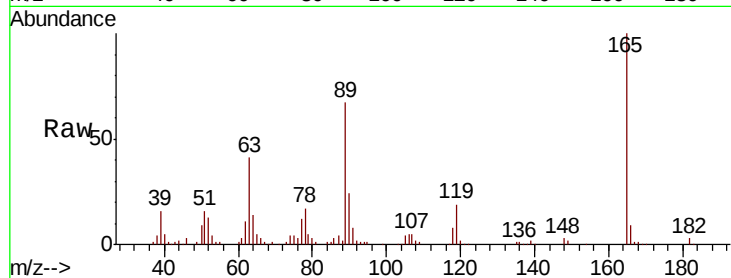
#57
 2,4-Dinitrotoluene
 Concen: 44.700 ng
 RT: 15.08 min Scan# 2007
 Delta R.T. -0.00 min
 Lab File: BG038103.D
 Acq: 21 Nov 2018 3:58

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

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	41.2	33.4	50.0	
89	67.2	57.2	85.8	
182	3.1	2.6	4.0	

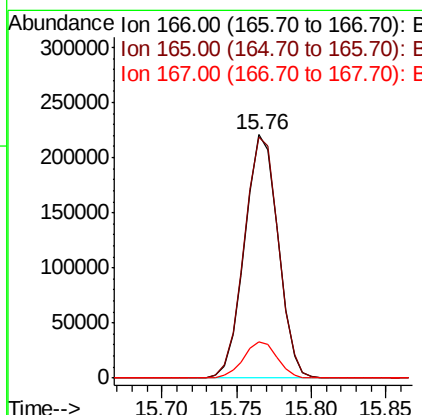
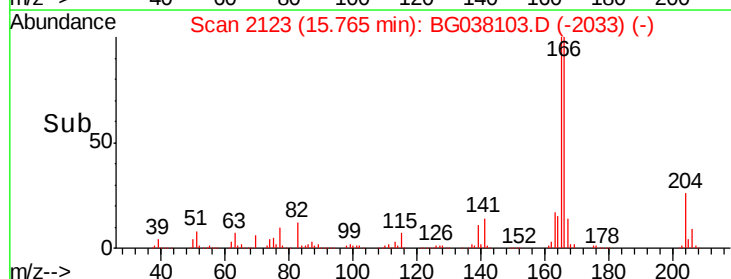
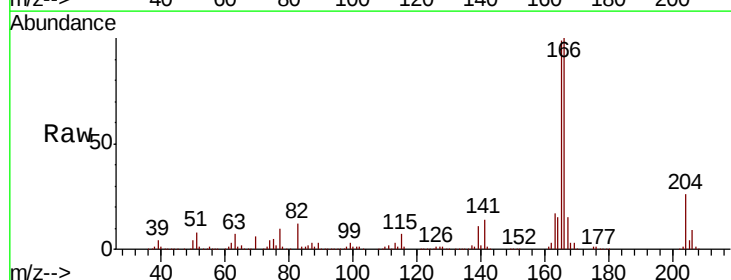
Manual Integrations
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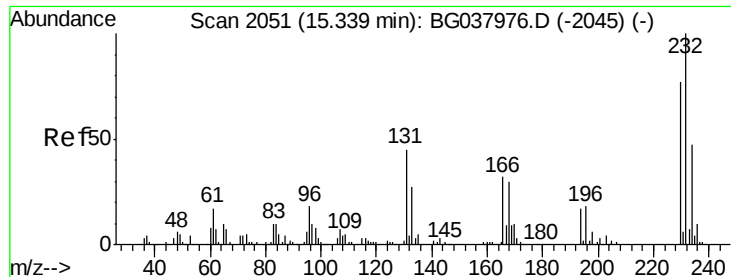
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#58
 Fluorene
 Concen: 44.094 ng
 RT: 15.76 min Scan# 2123
 Delta R.T. -0.00 min
 Lab File: BG038103.D
 Acq: 21 Nov 2018 3:58

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.9	79.0	118.6	
167	14.8	11.3	16.9	





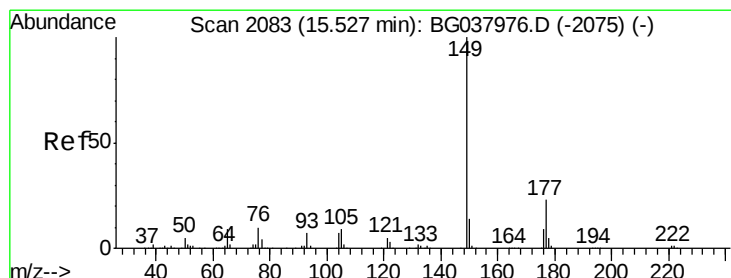
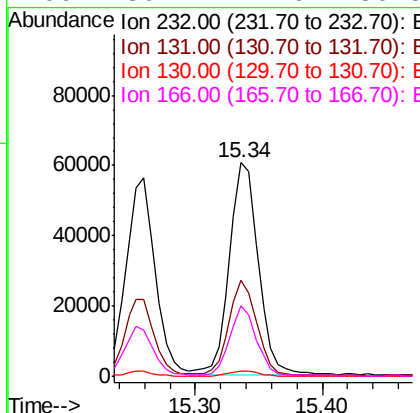
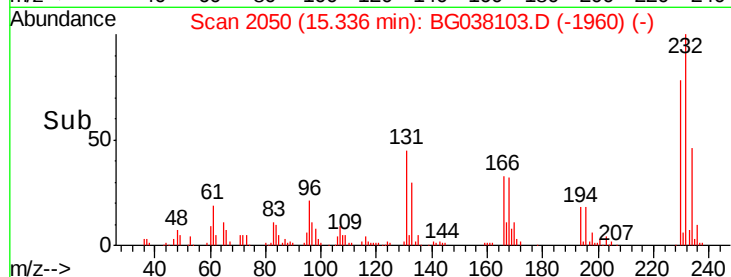
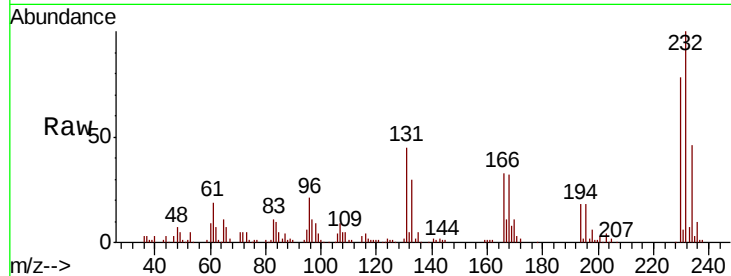
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.946 ng
 RT: 15.34 min Scan# 2050
 Delta R.T. -0.00 min
 Lab File: BG038103.D
 Acq: 21 Nov 2018 3:58

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

Tot Ion:	232	Resp:	95477
Ion Ratio	Lower	Upper	
232	100		
131	44.0	33.7	50.5
130	2.4	2.1	3.1
166	30.7	24.6	36.8

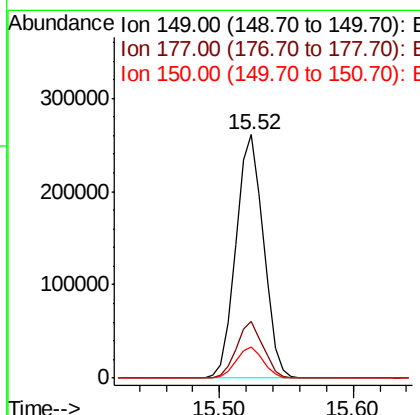
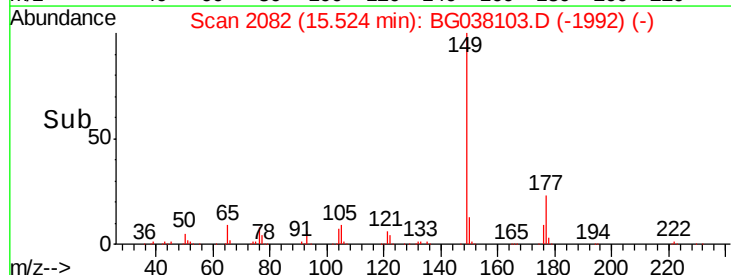
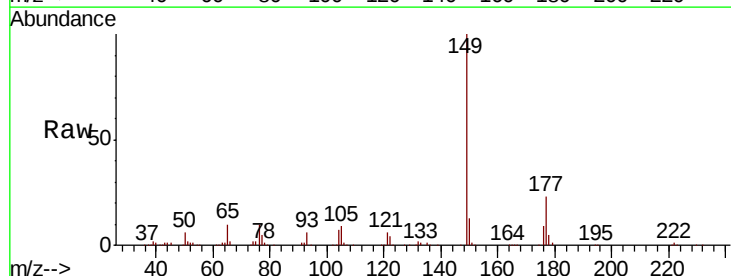
Manual Integrations
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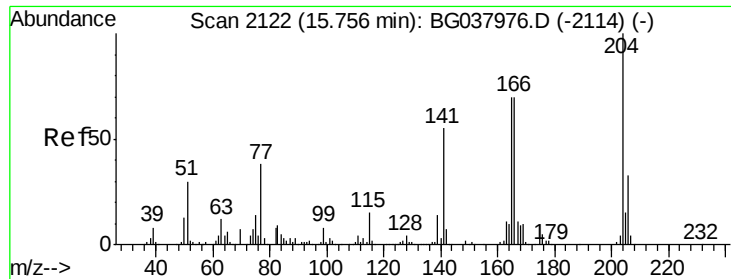
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#60
 Diethylphthalate
 Concen: 40.864 ng
 RT: 15.52 min Scan# 2082
 Delta R.T. -0.00 min
 Lab File: BG038103.D
 Acq: 21 Nov 2018 3:58

Tgt Ion:	149	Resp:	372899
Ion Ratio	Lower	Upper	
149	100		
177	23.2	18.3	27.5
150	13.0	10.0	15.0





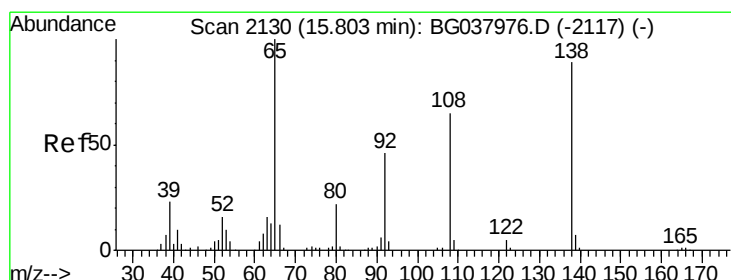
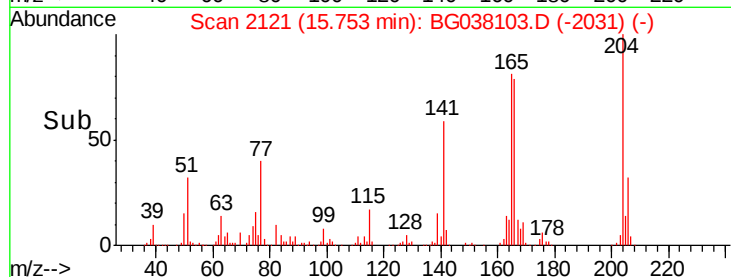
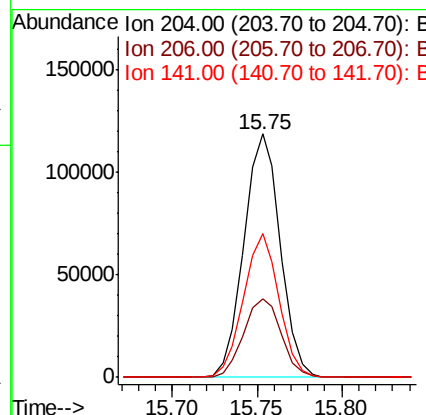
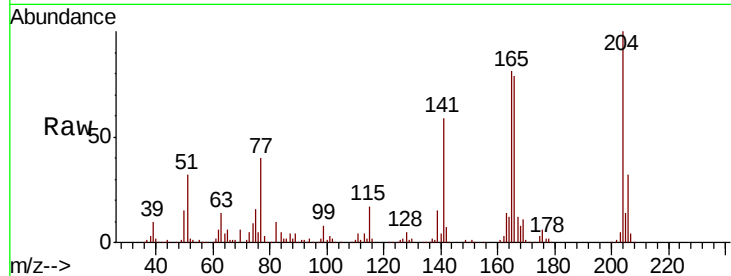
#61
4-Chlorophenyl-phenylether
Concen: 39.090 ng
RT: 15.75 min Scan# 2121
Delta R.T. -0.00 min
Lab File: BG038103.D
Acq: 21 Nov 2018 3:58

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

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.2	26.6	39.8
141	59.2	45.4	68.2

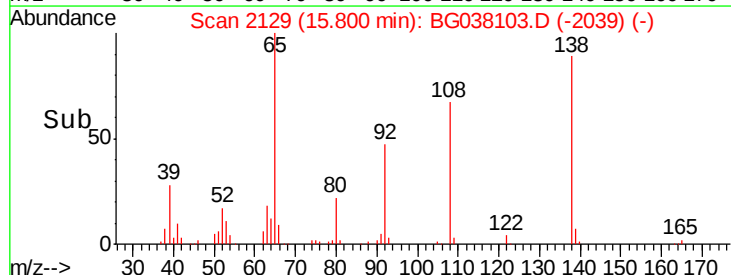
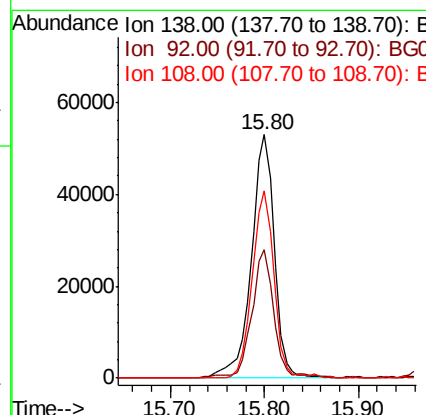
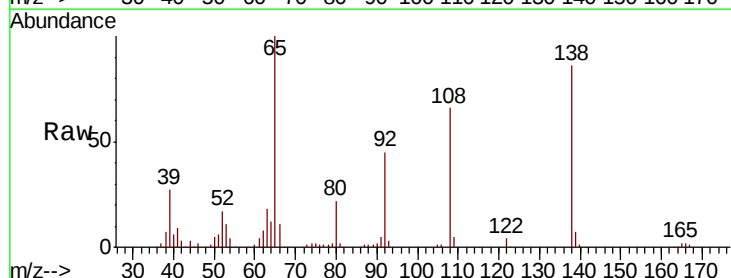
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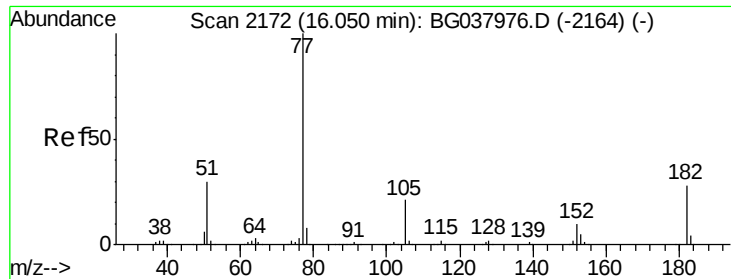
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#62
4-Nitroaniline
Concen: 42.382 ng
RT: 15.80 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BG038103.D
Acq: 21 Nov 2018 3:58

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.7	36.4	76.4
108	77.2	60.1	100.1





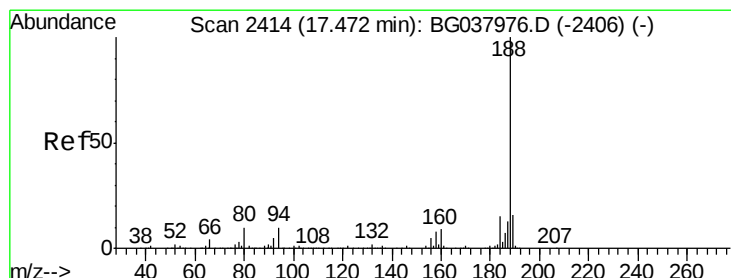
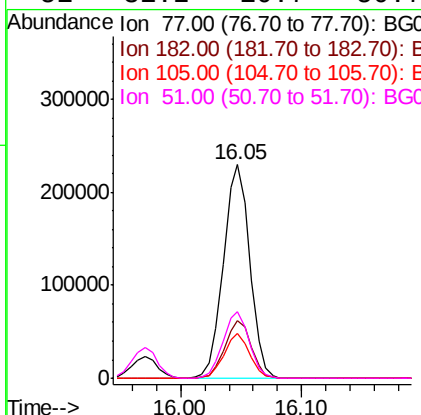
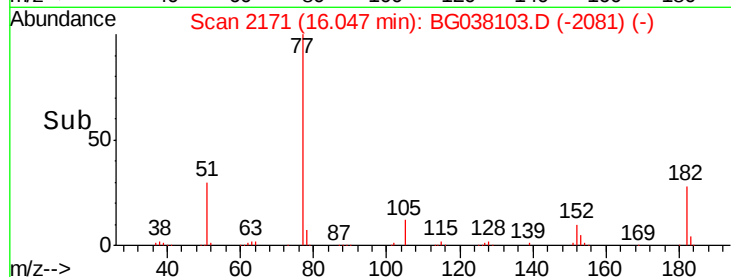
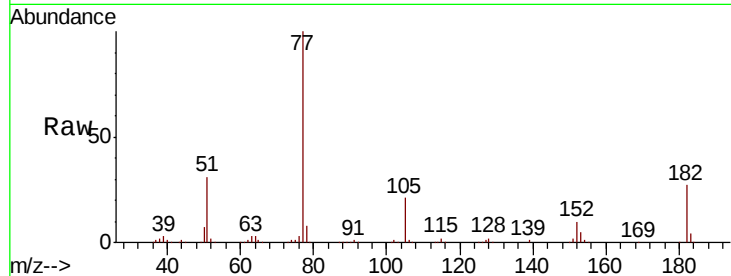
#63
Azobenzene
Concen: 42.384 ng
RT: 16.05 min Scan# 2171
Delta R.T. -0.00 min
Lab File: BG038103.D
Acq: 21 Nov 2018 3:58

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

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	26.7	8.0	48.0	
105	21.1	1.3	41.3	
51	31.2	10.7	50.7	

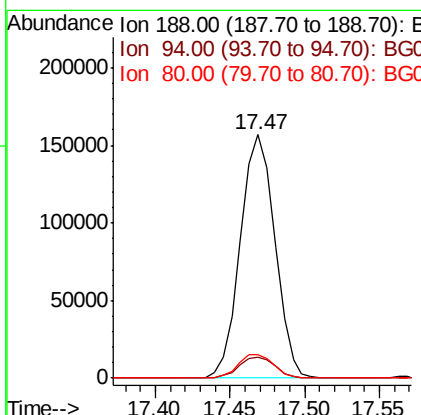
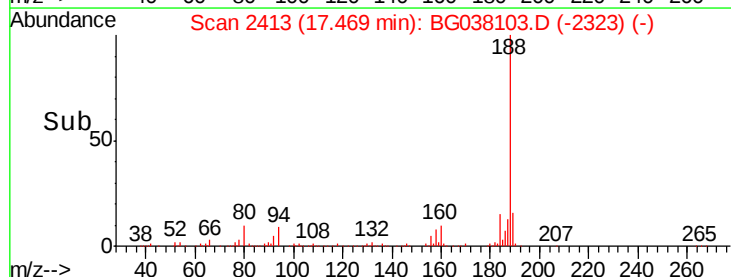
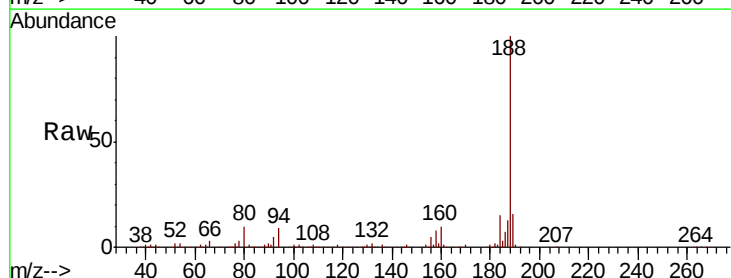
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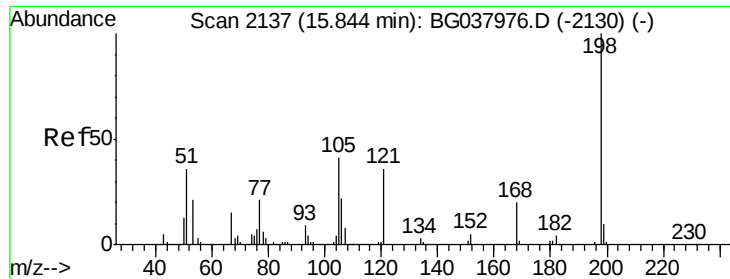
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BG038103.D
Acq: 21 Nov 2018 3:58

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.7	7.2	10.8	
80	9.5	7.7	11.5	





#65

4,6-Dinitro-2-methylphenol

Concen: 24.362 ng

RT: 15.84 min Scan# 2136

Delta R.T. -0.00 min

Lab File: BG038103.D

Acq: 21 Nov 2018 3:58

Instrument :

BNA_G

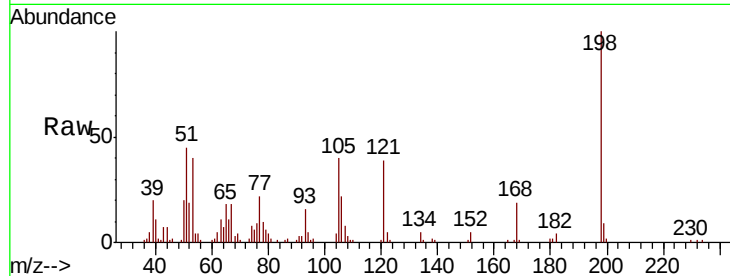
ClientSampleId :

HR-06-111918-AMSD

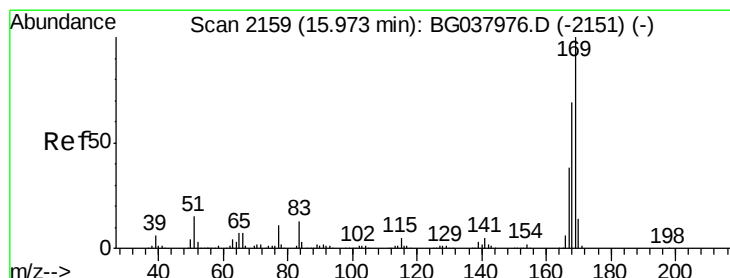
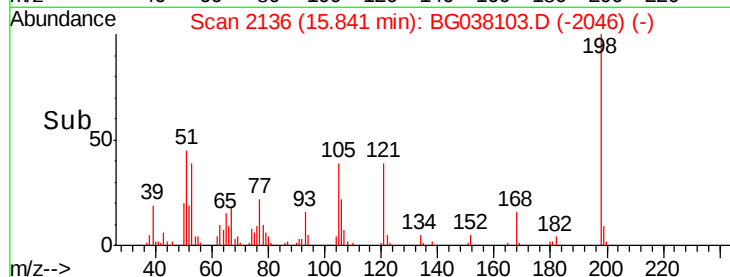
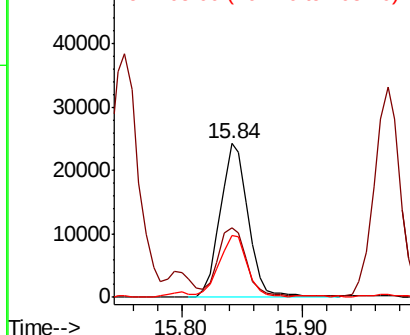
Tot Ion:	198	Resp:	38839
Ion Ratio	Lower	Upper	
198	100		
51	45.5	22.7	62.7
105	40.1	19.7	59.7

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



#66

n-Nitrosodiphenylamine

Concen: 41.111 ng

RT: 15.97 min Scan# 2158

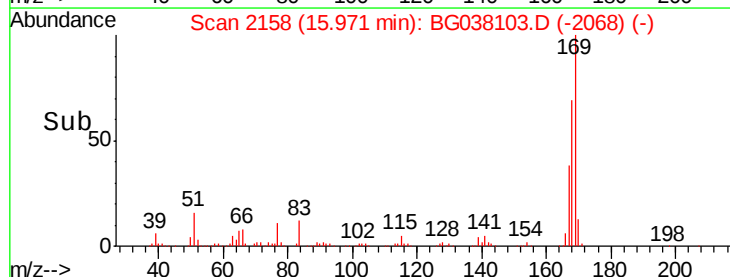
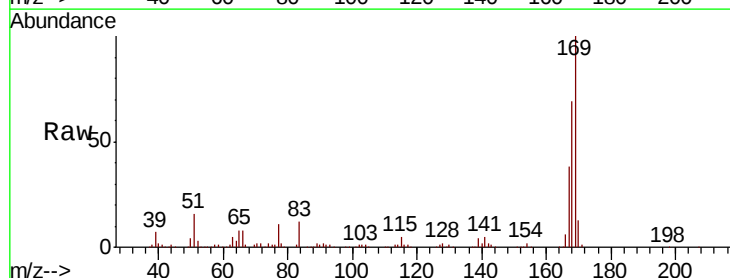
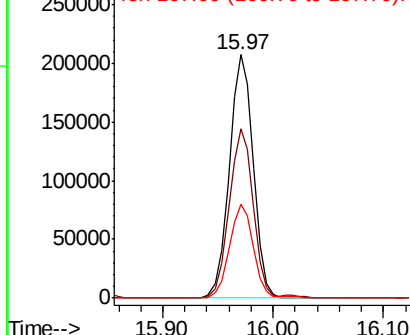
Delta R.T. -0.00 min

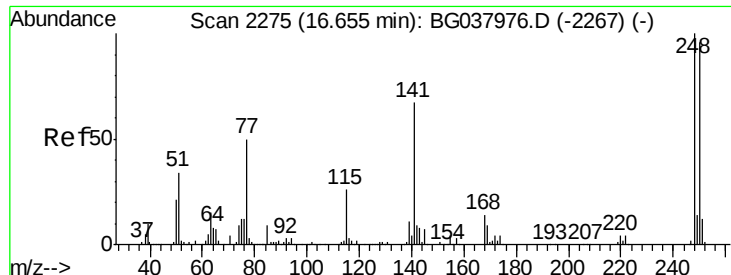
Lab File: BG038103.D

Acq: 21 Nov 2018 3:58

Tgt Ion:	169	Resp:	313485
Ion Ratio	Lower	Upper	
169	100		
168	69.4	55.7	83.5
167	38.5	31.3	46.9

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





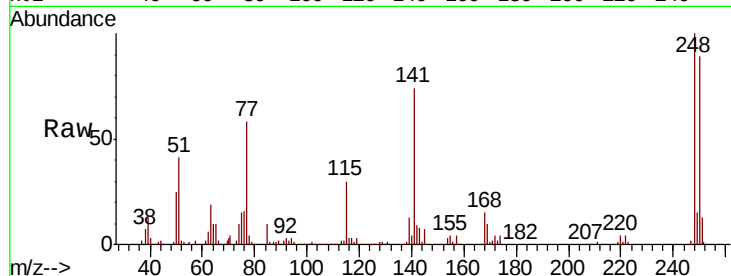
#67
 4-Bromophenyl-phenylether
 Concen: 40.419 ng
 RT: 16.65 min Scan# 2273
 Delta R.T. -0.01 min
 Lab File: BG038103.D
 Acq: 21 Nov 2018 3:58

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

Tot Ion	Ratio	Lower	Upper
248	100		
250	89.4	77.0	115.6
141	74.1	55.5	83.3

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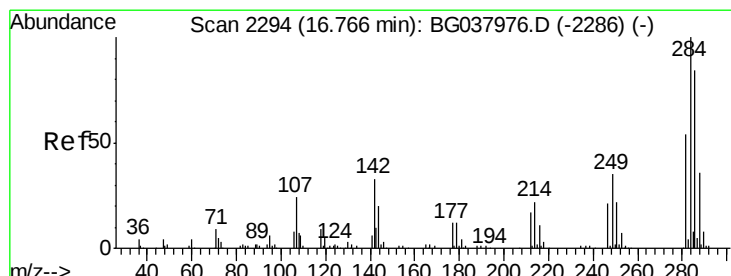
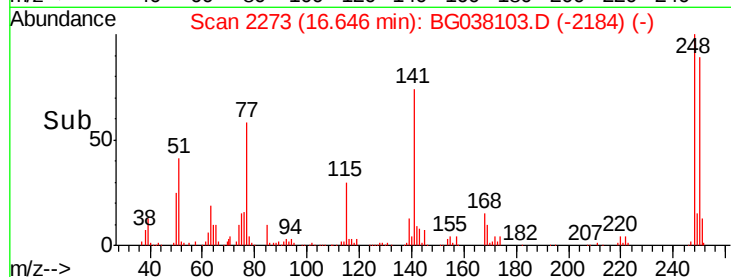
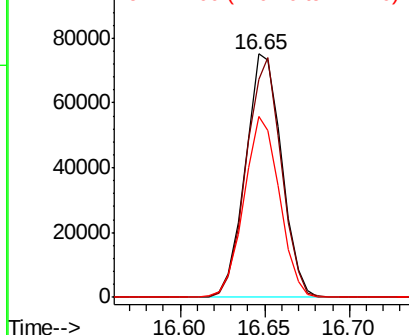


Abundance

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: 39.735 ng
 RT: 16.76 min Scan# 2293
 Delta R.T. -0.00 min
 Lab File: BG038103.D
 Acq: 21 Nov 2018 3:58

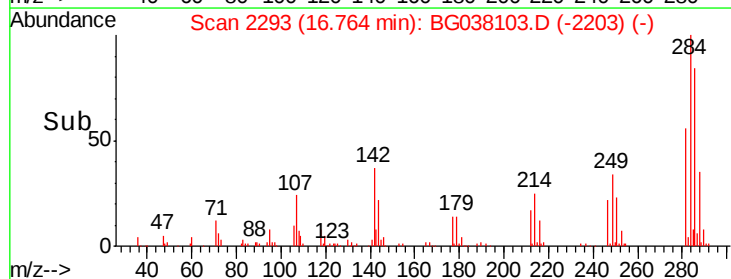
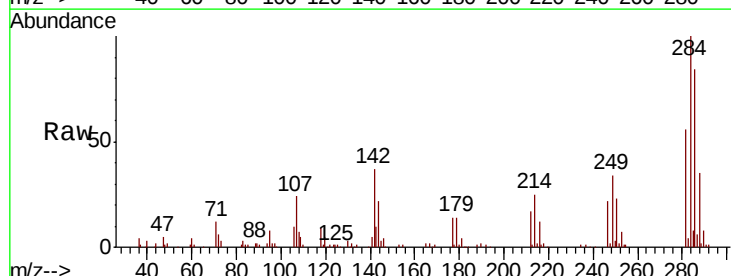
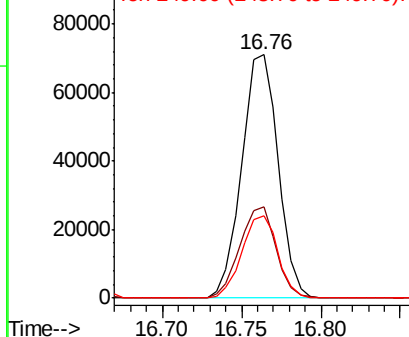
Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.2	28.1	42.1
249	36.6	29.8	44.8

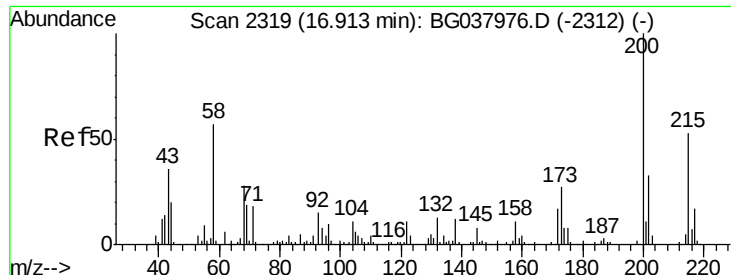
Abundance

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





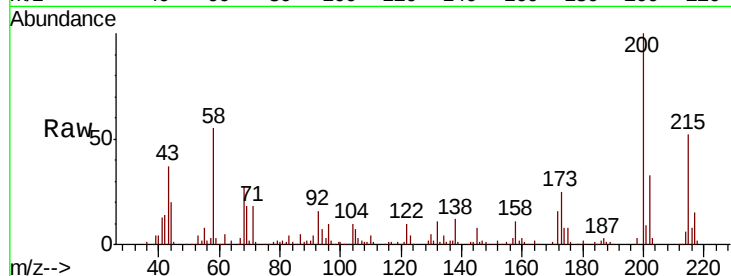
#69
Atrazine
Concen: 36.837 ng
RT: 16.91 min Scan# 2318
Delta R.T. -0.00 min
Lab File: BG038103.D
Acq: 21 Nov 2018 3:58

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

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.2	6.1	46.1
215	51.7	30.8	70.8

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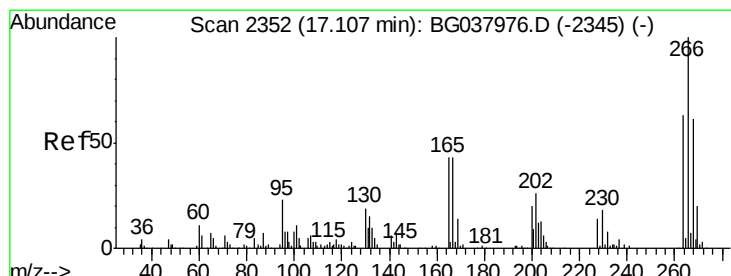
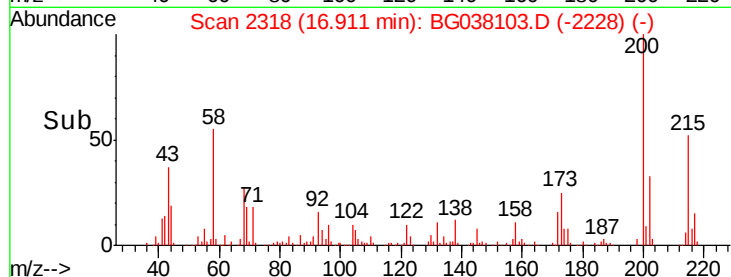
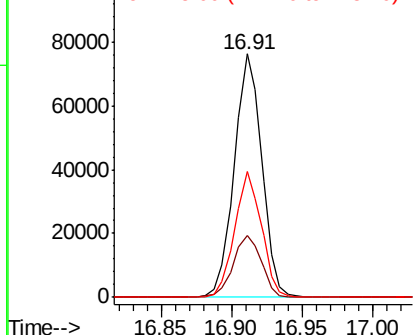


Abundance

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: 54.847 ng
RT: 17.11 min Scan# 2352
Delta R.T. 0.00 min
Lab File: BG038103.D
Acq: 21 Nov 2018 3:58

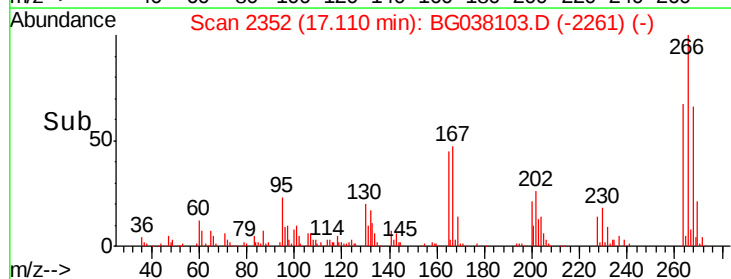
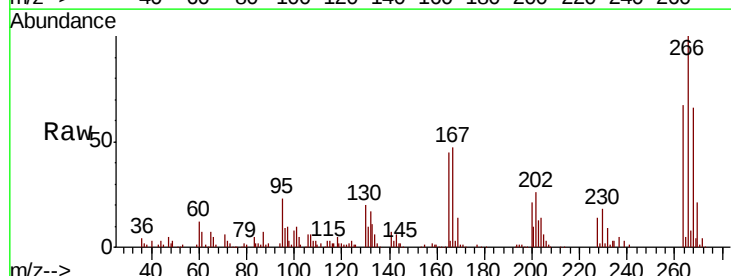
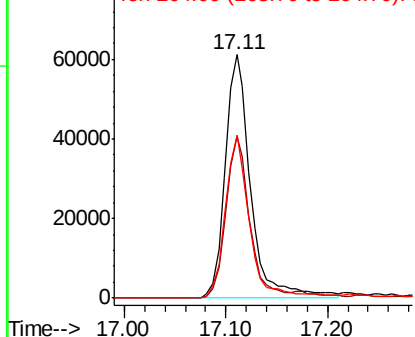
Tgt Ion	Ratio	Lower	Upper
266	100		
268	70.7	55.0	82.6
264	72.2	58.9	88.3

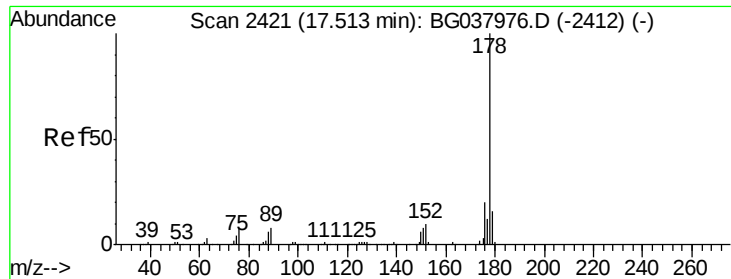
Abundance

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





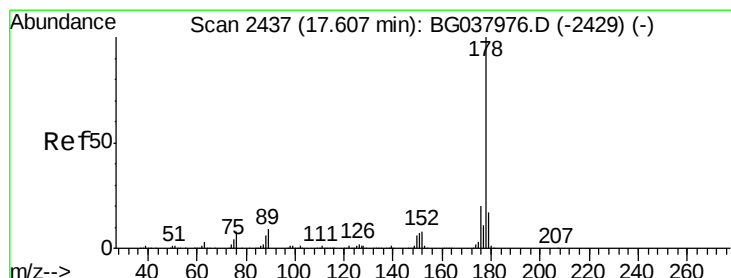
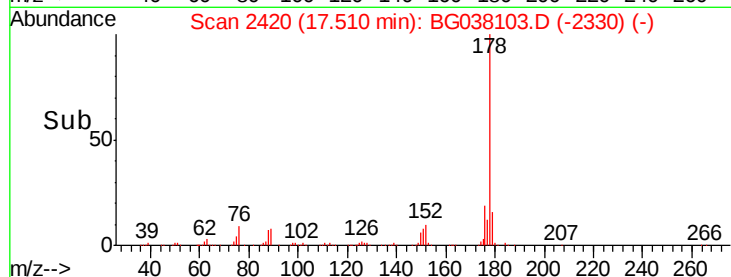
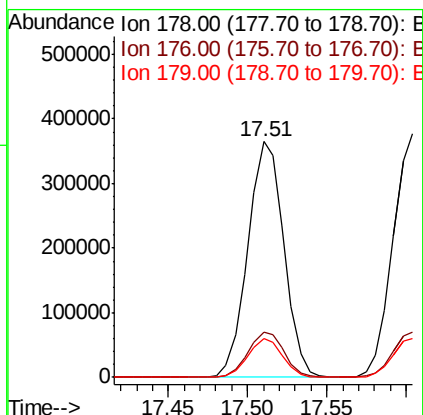
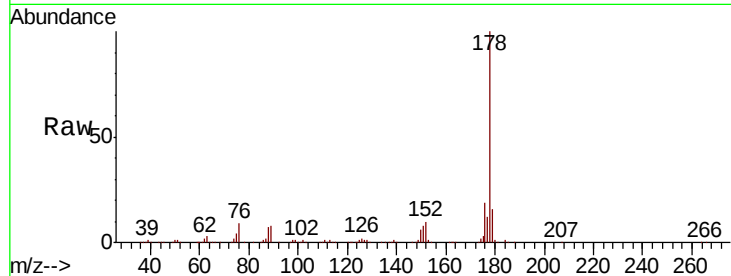
#71
Phenanthrene
Concen: 44.763 ng
RT: 17.51 min Scan# 2420
Delta R.T. -0.00 min
Lab File: BG038103.D
Acq: 21 Nov 2018 3:58

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

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.1	24.1
179	16.3	13.0	19.4

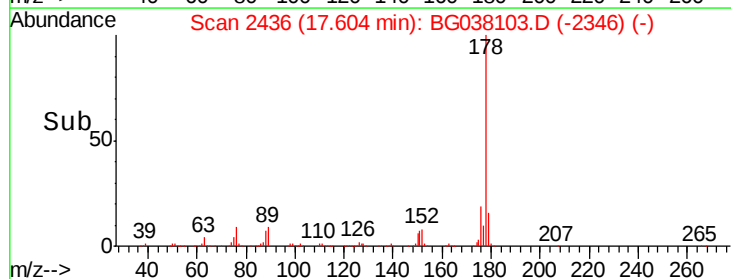
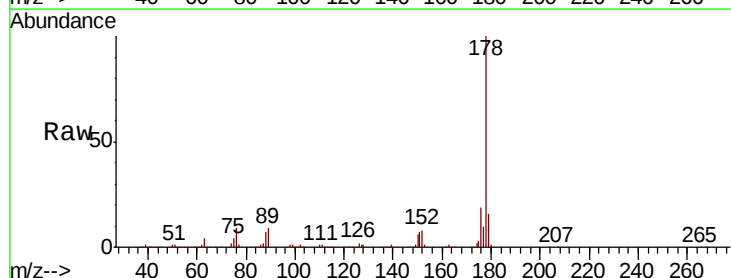
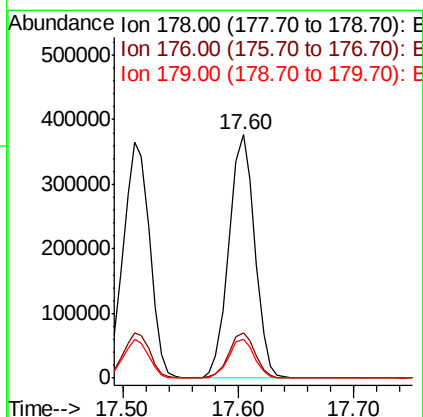
Manual Integrations
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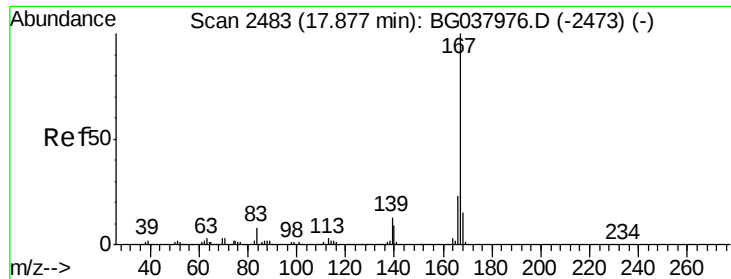
Sohil
11/21/2018 3:23:22 PM



#72
Anthracene
Concen: 45.835 ng
RT: 17.60 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BG038103.D
Acq: 21 Nov 2018 3:58

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	15.9	12.8	19.2





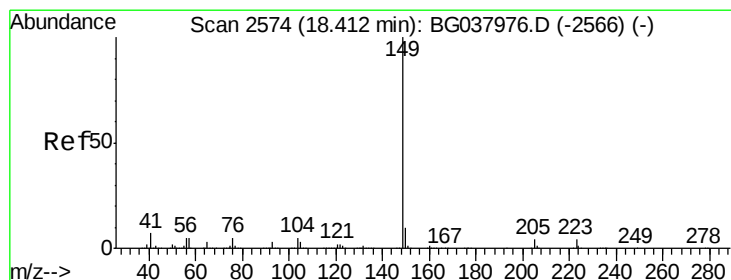
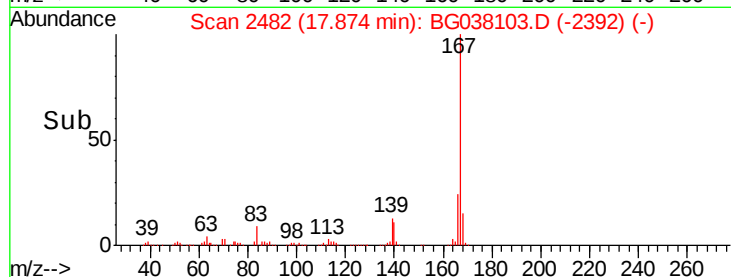
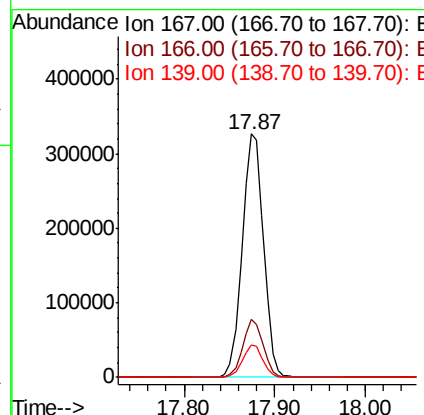
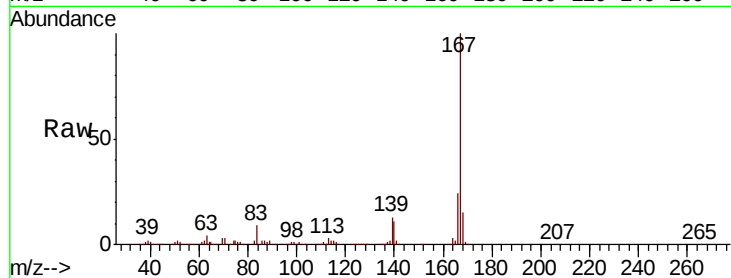
#73
 Carbazole
 Concen: 41.806 ng
 RT: 17.87 min Scan# 2482
 Delta R.T. -0.00 min
 Lab File: BG038103.D
 Acq: 21 Nov 2018 3:58

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

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.6	18.3	27.5
139	13.3	10.5	15.7

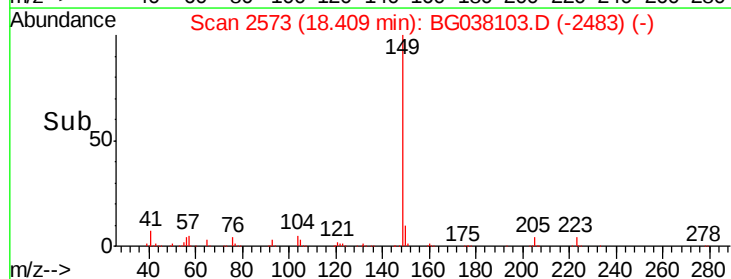
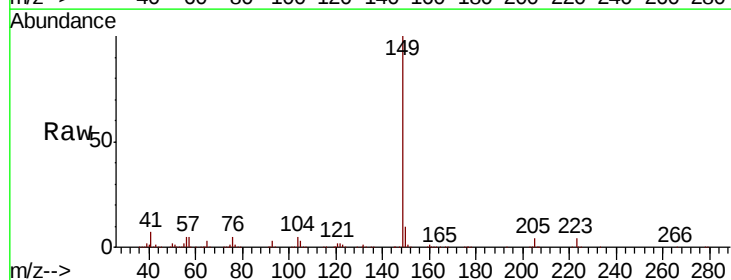
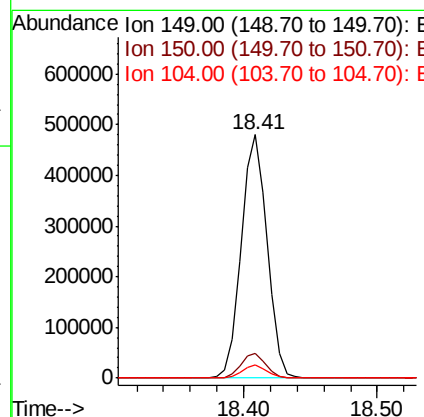
Manual Integrations
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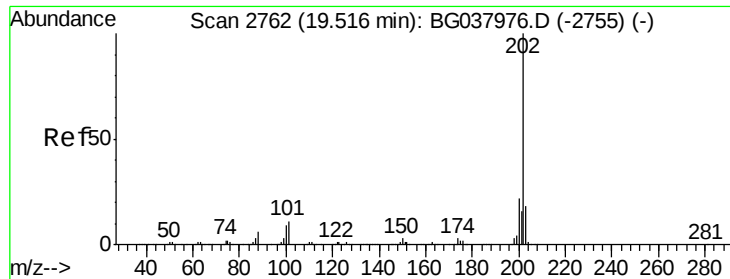
Sohil
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#74
 Di-n-butylphthalate
 Concen: 44.629 ng
 RT: 18.41 min Scan# 2573
 Delta R.T. -0.00 min
 Lab File: BG038103.D
 Acq: 21 Nov 2018 3:58

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	8.2	12.2
104	5.3	4.0	6.0





#75

Fluoranthene

Concen: 46.712 ng

RT: 19.52 min Scan# 2762

Delta R.T. 0.00 min

Lab File: BG038103.D

Acq: 21 Nov 2018 3:58

Instrument :

BNA_G

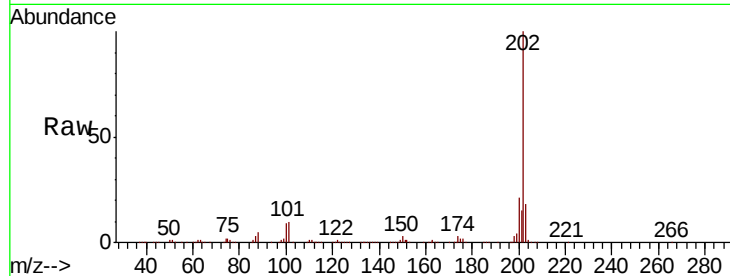
ClientSampleId :

HR-06-111918-AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		687751		
101	10.4	0.0	30.7		
203	17.8	0.0	38.5		

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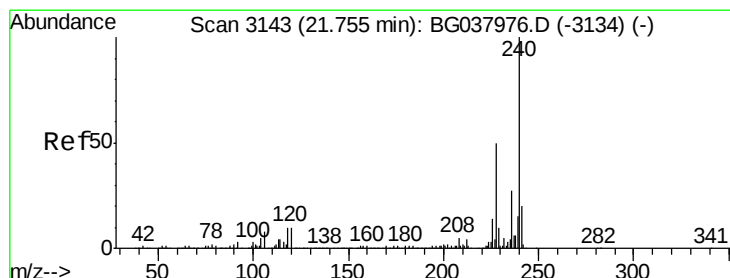
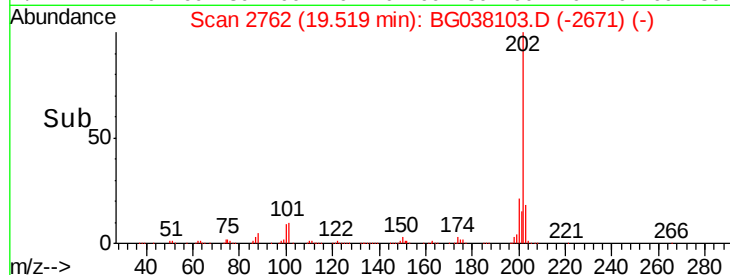
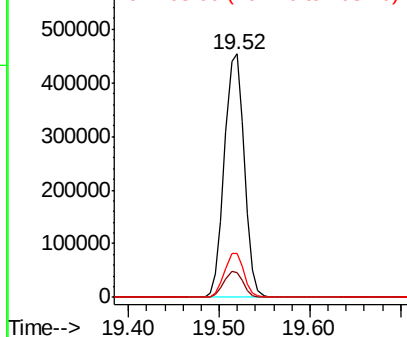


Abundance

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

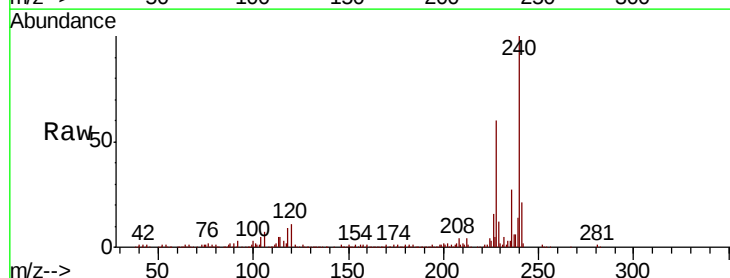
RT: 21.75 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG038103.D

Acq: 21 Nov 2018 3:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		240011		
120	10.8	8.1	12.1		
236	27.2	21.4	32.0		

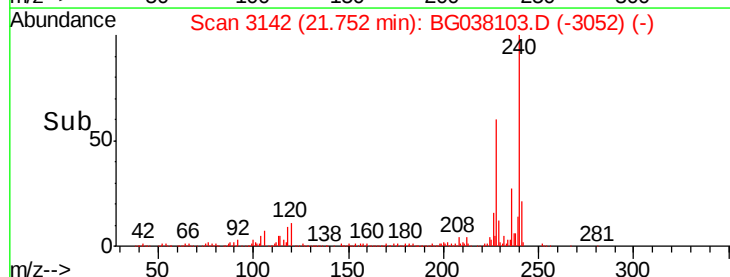
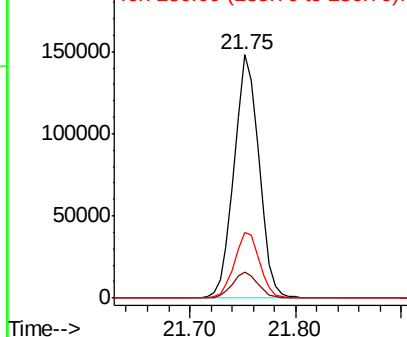


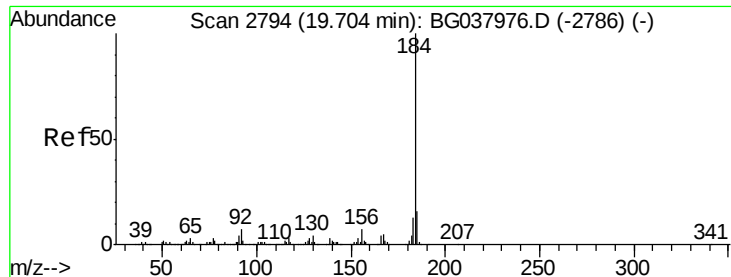
Abundance

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: 6.281 ng

RT: 19.71 min Scan# 2795

Delta R.T. 0.01 min

Lab File: BG038103.D

Acq: 21 Nov 2018 3:58

Instrument :

BNA_G

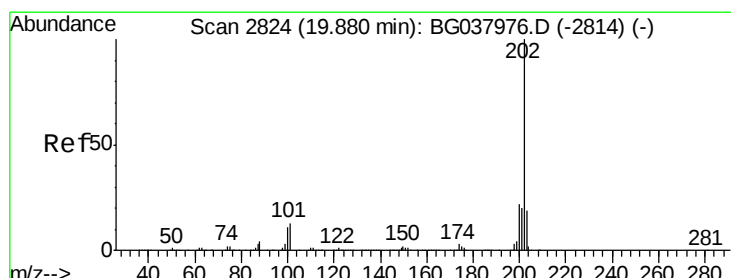
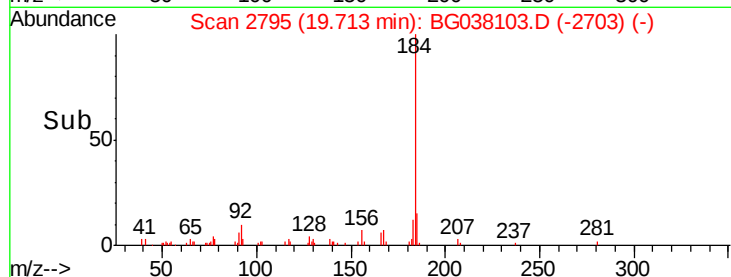
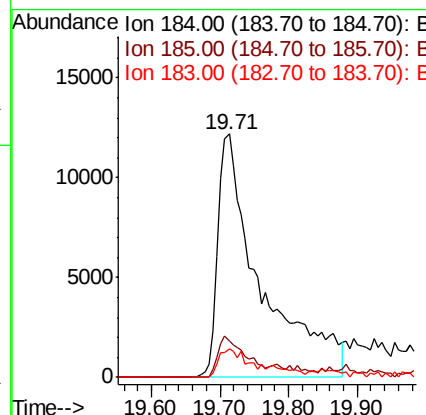
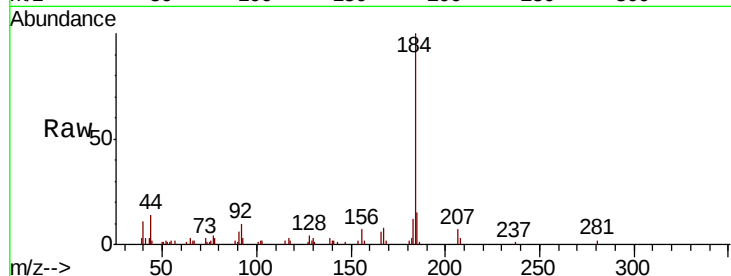
ClientSampleId :

HR-06-111918-AMSD

Tot Ion:	184	Resp:	52897
Ion Ratio	Lower	Upper	
184	100		
185	14.9	12.6	18.8
183	11.6	10.2	15.2

Manual Integrations
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#78

Pyrene

Concen: 44.222 ng

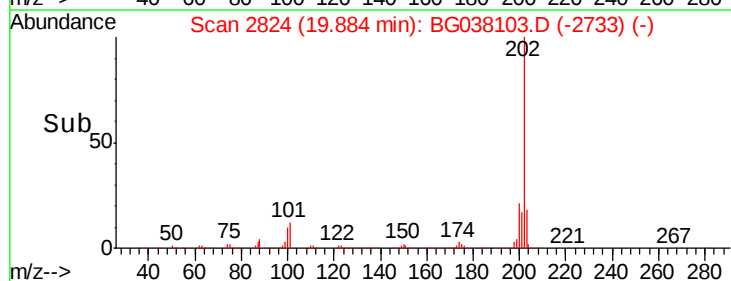
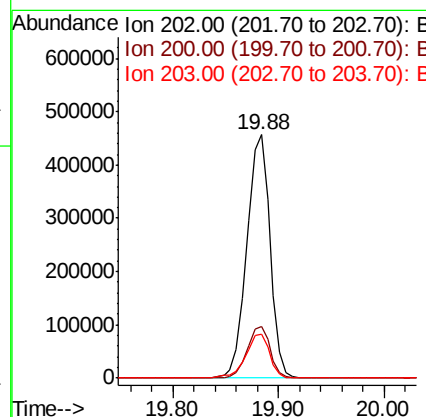
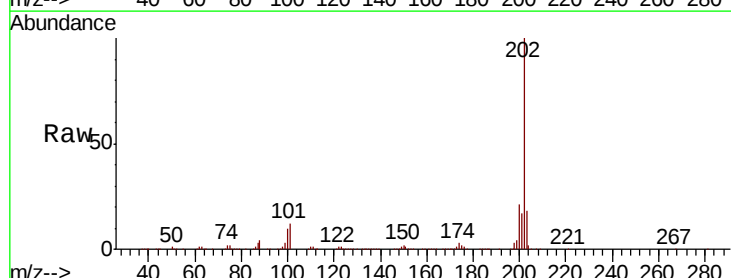
RT: 19.88 min Scan# 2824

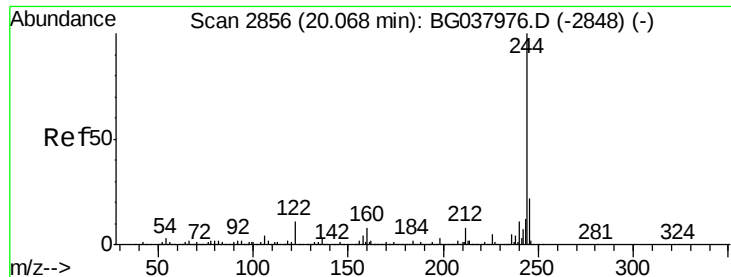
Delta R.T. 0.00 min

Lab File: BG038103.D

Acq: 21 Nov 2018 3:58

Tgt Ion:	202	Resp:	693941
Ion Ratio	Lower	Upper	
202	100		
200	21.0	17.8	26.6
203	18.3	15.2	22.8





#79

Terphenyl-d14

Concen: 83.412 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038103.D

Acq: 21 Nov 2018 3:58

Instrument :

BNA_G

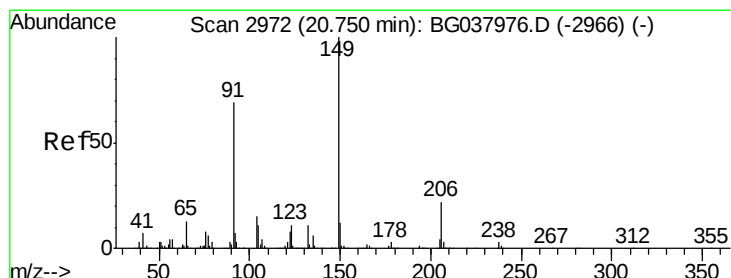
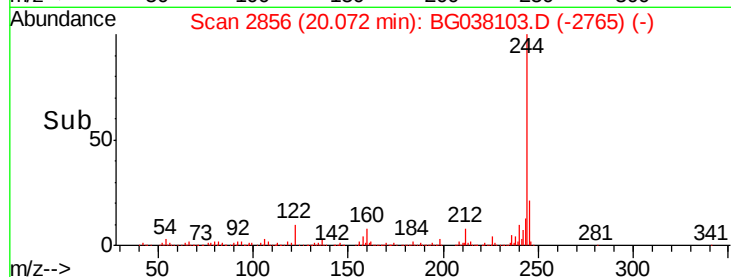
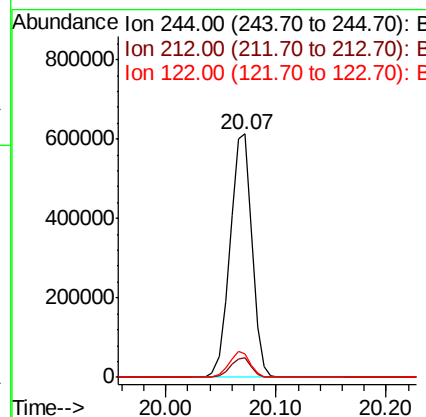
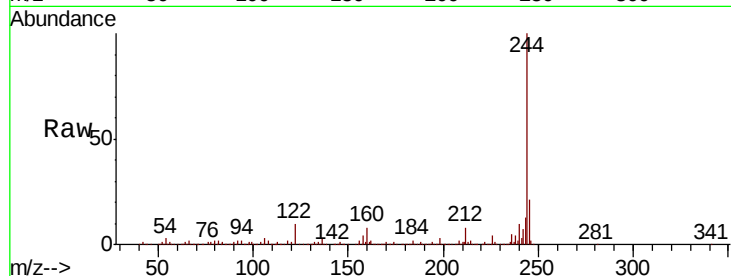
ClientSampleId :

HR-06-111918-AMSD

Tot Ion:	244	Resp:	850822
Ion Ratio	Lower	Upper	
244	100		
212	8.0	6.5	9.7
122	9.7	9.0	13.4

Manual Integrations
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#80

Butylbenzylphthalate

Concen: 44.032 ng

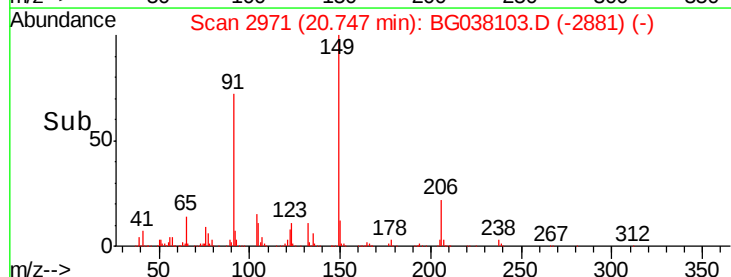
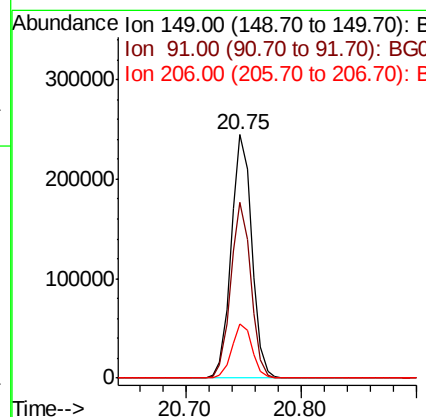
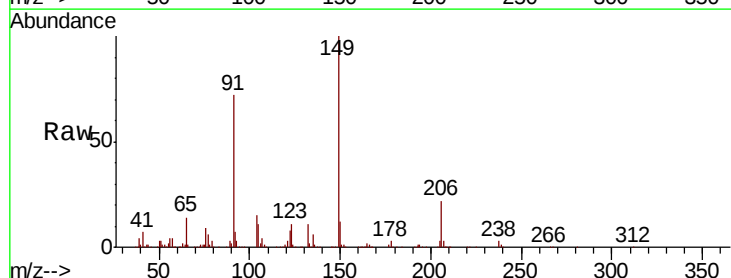
RT: 20.75 min Scan# 2971

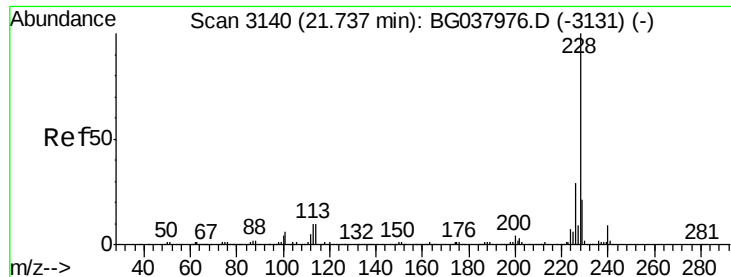
Delta R.T. -0.00 min

Lab File: BG038103.D

Acq: 21 Nov 2018 3:58

Tgt Ion:	149	Resp:	302165
Ion Ratio	Lower	Upper	
149	100		
91	72.0	57.0	85.4
206	22.2	17.8	26.6





#81

Benzo(a)anthracene

Concen: 45.285 ng

RT: 21.73 min Scan# 3139

Delta R.T. -0.00 min

Lab File: BG038103.D

Acq: 21 Nov 2018 3:58

Instrument :

BNA_G

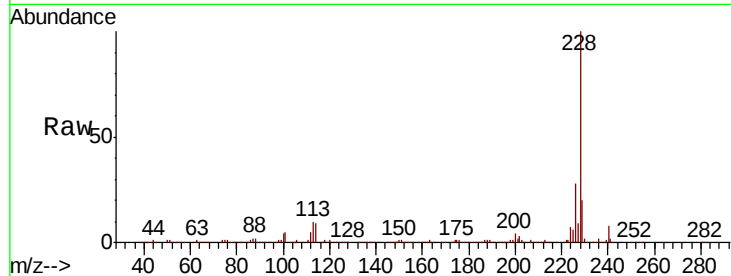
ClientSampleId :

HR-06-111918-AMSD

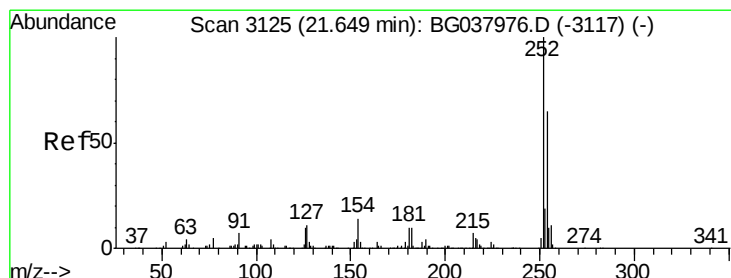
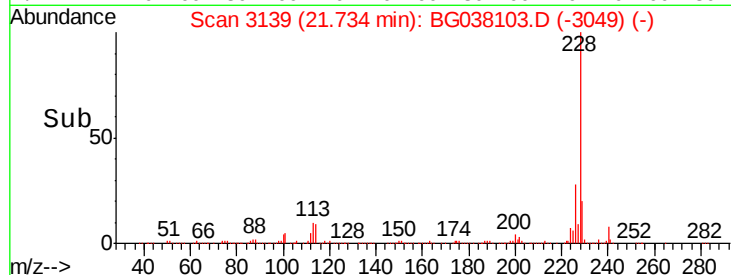
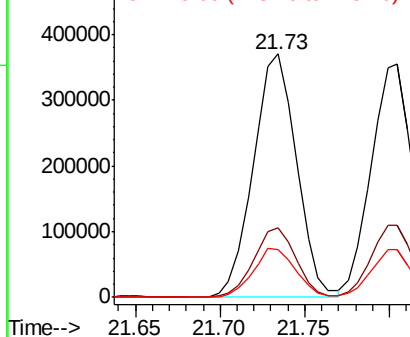
Tot Ion:	228	Resp:	656817
Ion Ratio	Lower	Upper	
228	100		
226	28.4	22.6	33.8
229	19.8	16.3	24.5

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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: 32.964 ng

RT: 21.65 min Scan# 3124

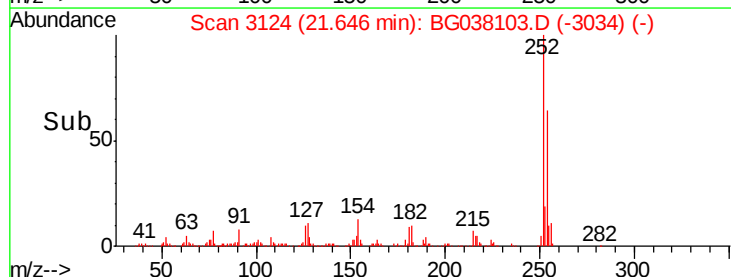
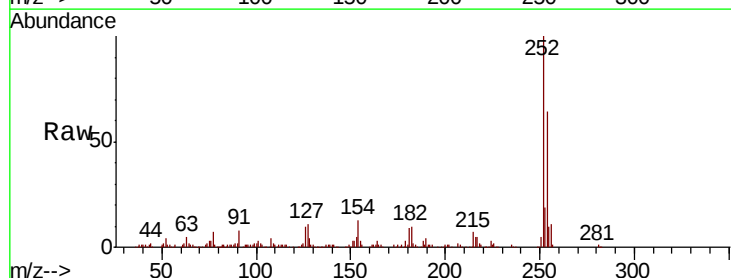
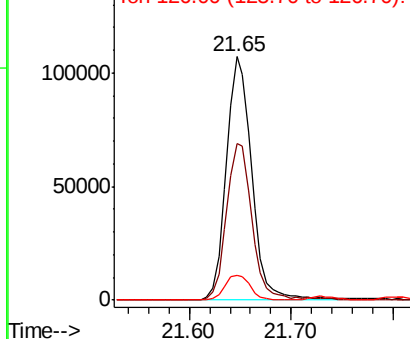
Delta R.T. -0.00 min

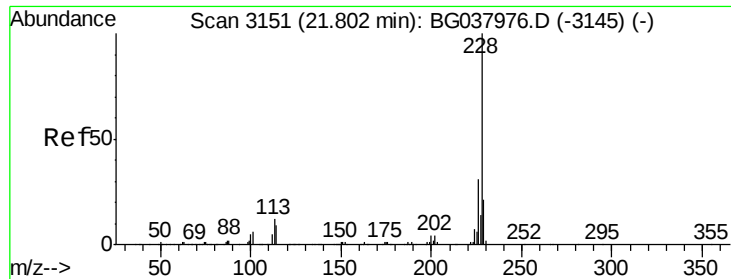
Lab File: BG038103.D

Acq: 21 Nov 2018 3:58

Tgt Ion:	252	Resp:	186244
Ion Ratio	Lower	Upper	
252	100		
254	64.5	52.0	78.0
126	10.0	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





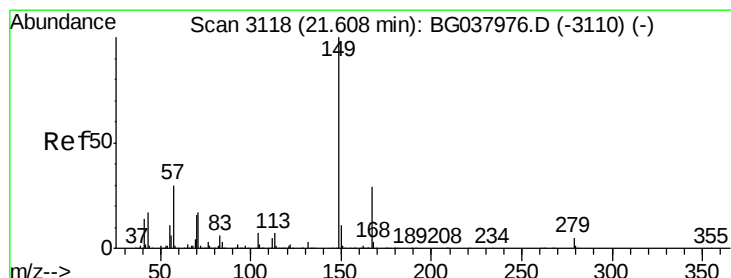
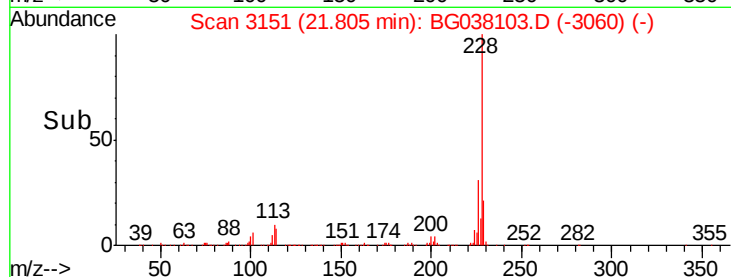
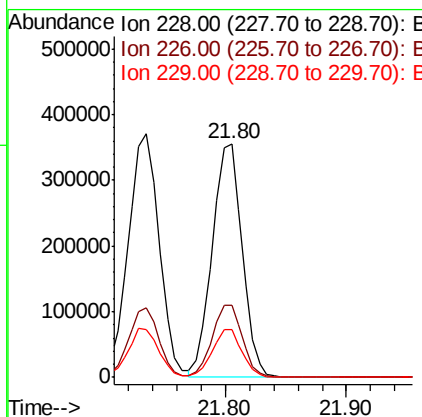
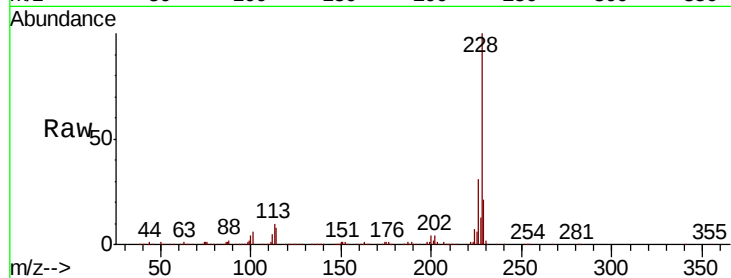
#83
Chrysene
Concen: 43.742 ng
RT: 21.80 min Scan# 3151
Delta R.T. 0.00 min
Lab File: BG038103.D
Acq: 21 Nov 2018 3:58

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.7	38.5
229	20.6	16.5	24.7

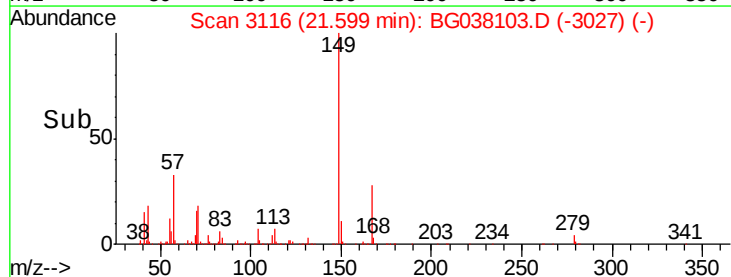
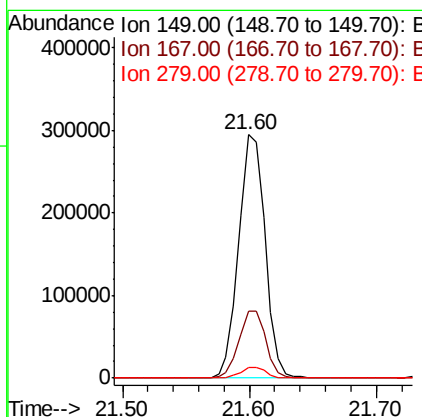
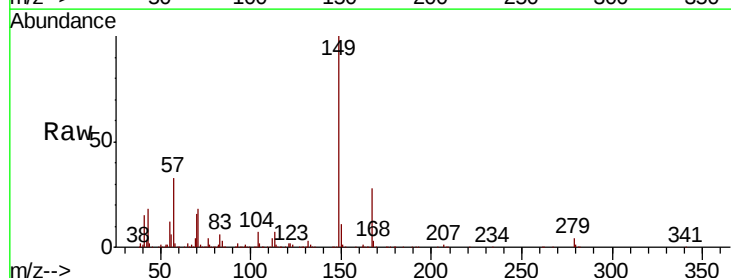
Manual Integrations
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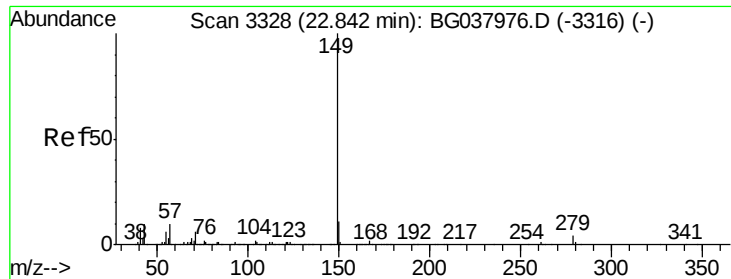
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#84
Bis(2-ethylhexyl)phthalate
Concen: 43.541 ng
RT: 21.60 min Scan# 3116
Delta R.T. -0.01 min
Lab File: BG038103.D
Acq: 21 Nov 2018 3:58

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.8	23.0	34.4
279	4.3	3.6	5.4





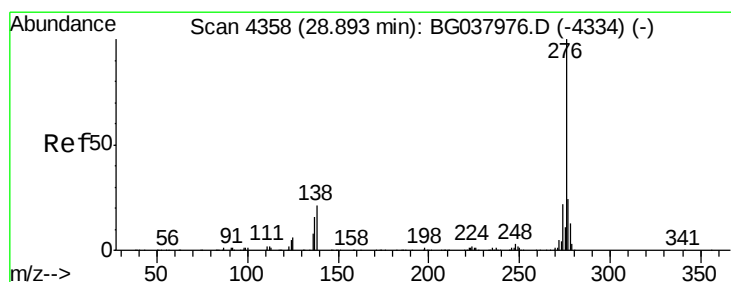
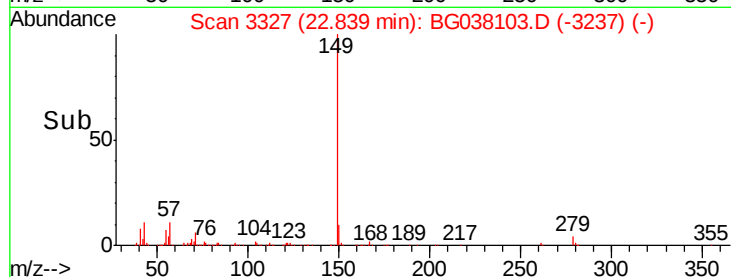
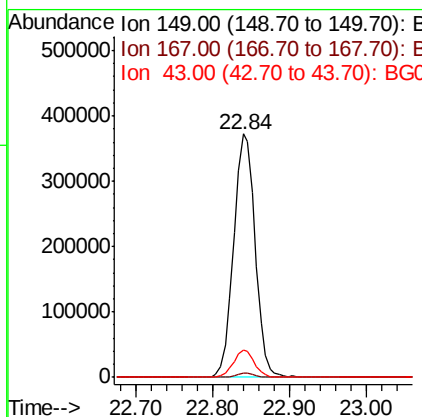
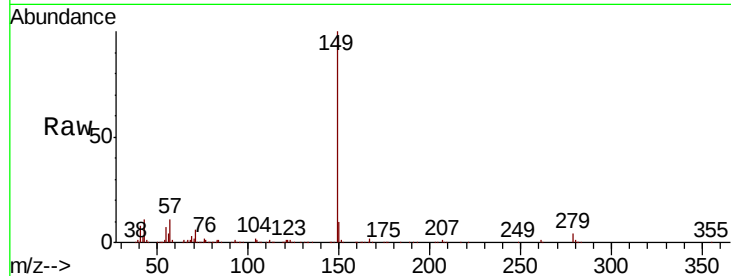
#85
Di-n-octyl phthalate
Concen: 46.002 ng
RT: 22.84 min Scan# 3327
Delta R.T. -0.00 min
Lab File: BG038103.D
Acq: 21 Nov 2018 3:58

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

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.7	1.3	1.9	
43	10.7	8.7	13.1	

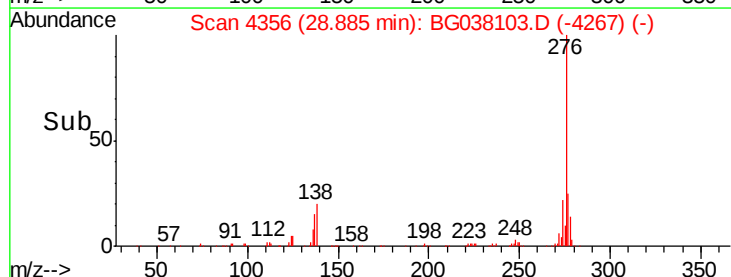
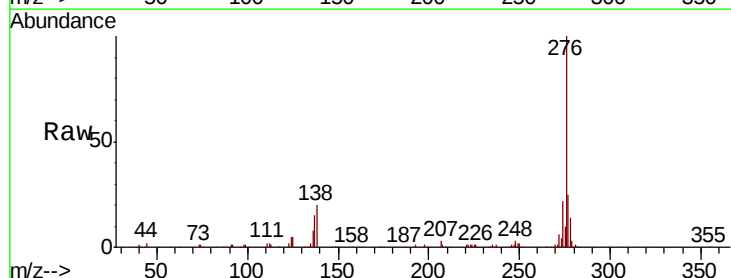
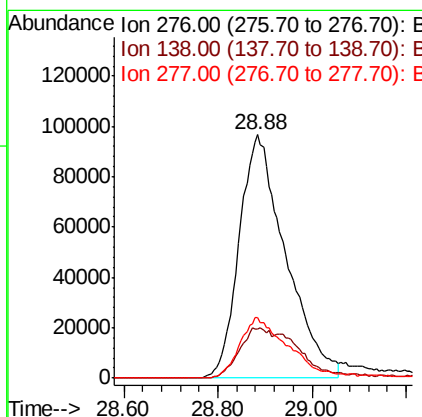
Manual Integrations
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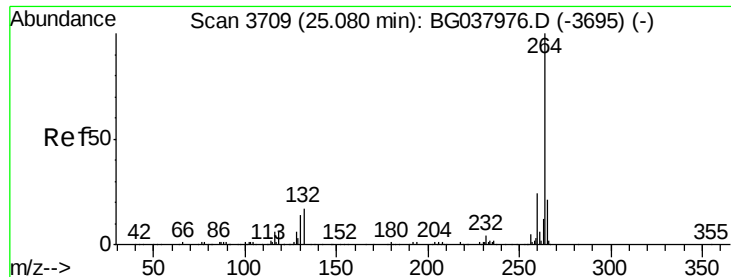
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 42.908 ng
RT: 28.88 min Scan# 4356
Delta R.T. -0.01 min
Lab File: BG038103.D
Acq: 21 Nov 2018 3:58

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	14.5	12.0	18.0	
277	26.2	20.6	30.8	





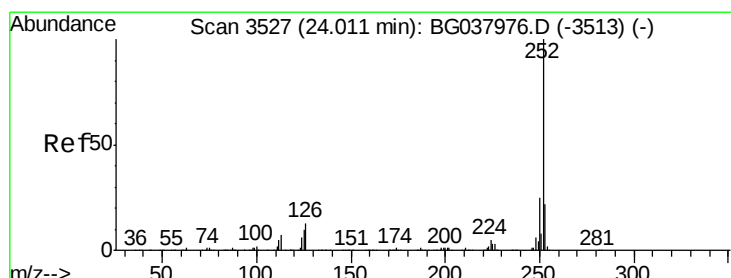
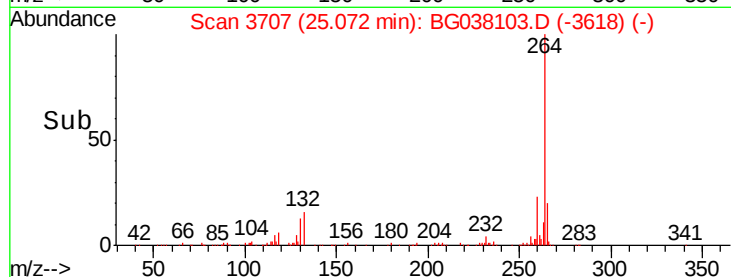
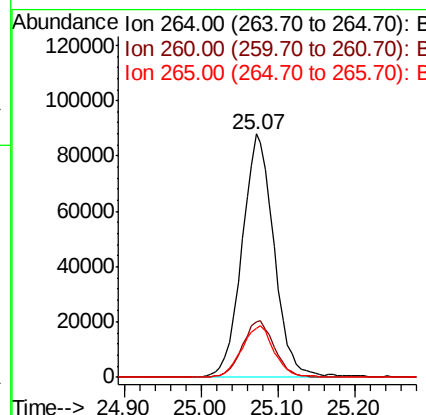
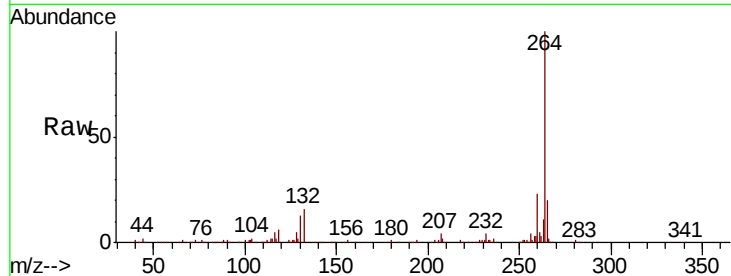
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.07 min Scan# 3707
Delta R.T. -0.01 min
Lab File: BG038103.D
Acq: 21 Nov 2018 3:58

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.2	27.4
265	20.1	17.9	26.9

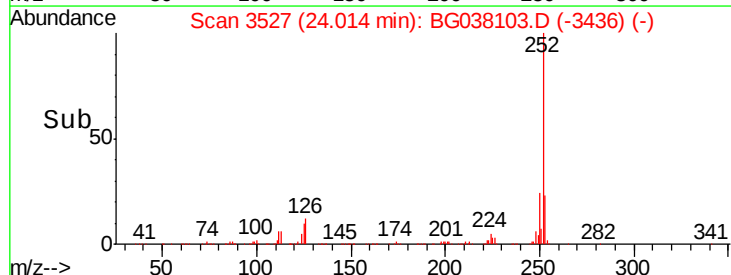
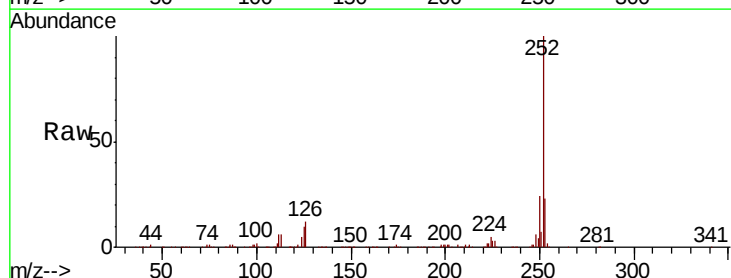
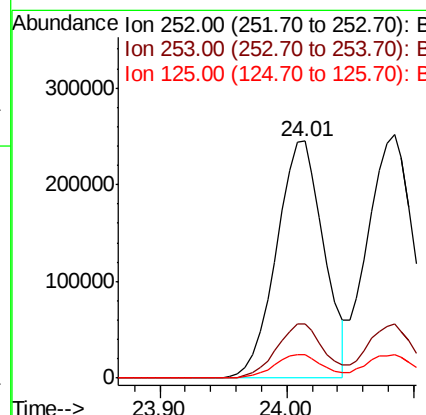
Manual Integrations
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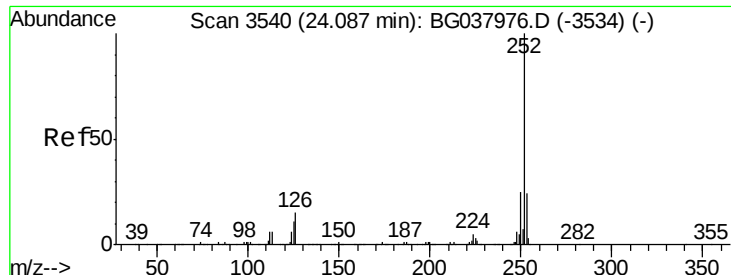
Sohil
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#88
Benzo(b)fluoranthene
Concen: 45.342 ng
RT: 24.01 min Scan# 3527
Delta R.T. 0.00 min
Lab File: BG038103.D
Acq: 21 Nov 2018 3:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.2
125	9.8	7.8	11.6





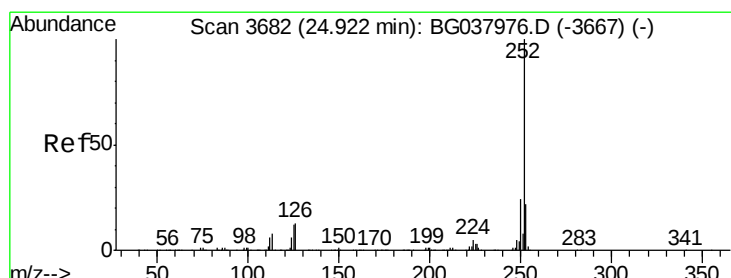
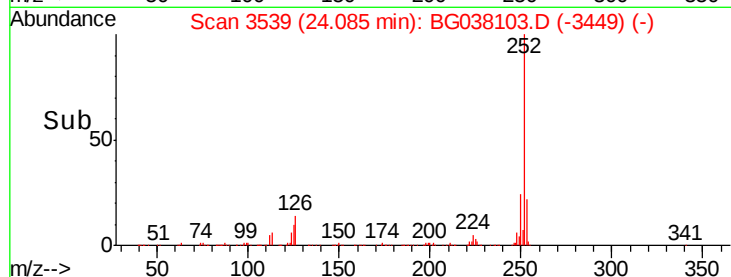
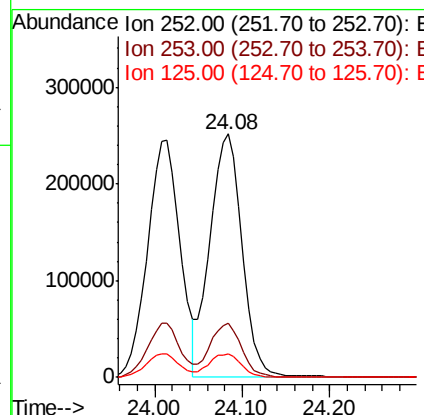
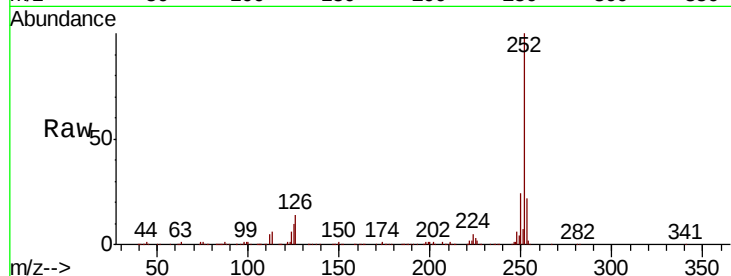
#89
Benzo(k)fluoranthene
Concen: 46.448 ng
RT: 24.08 min Scan# 3539
Delta R.T. -0.00 min
Lab File: BG038103.D
Acq: 21 Nov 2018 3:58

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	9.8	7.4	11.0

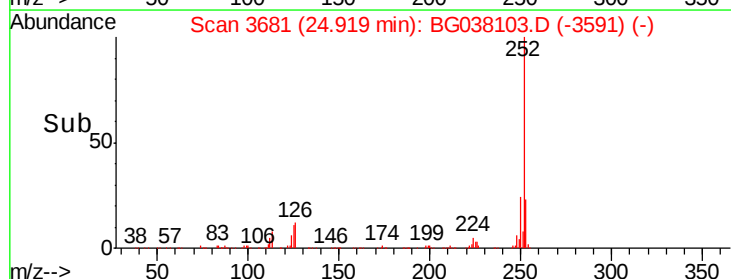
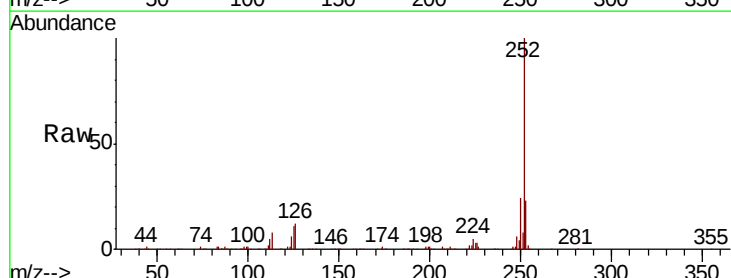
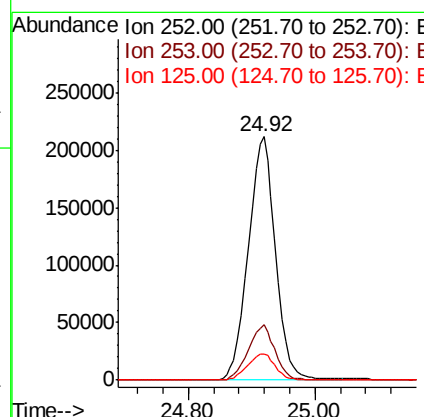
Manual Integrations
APPROVED

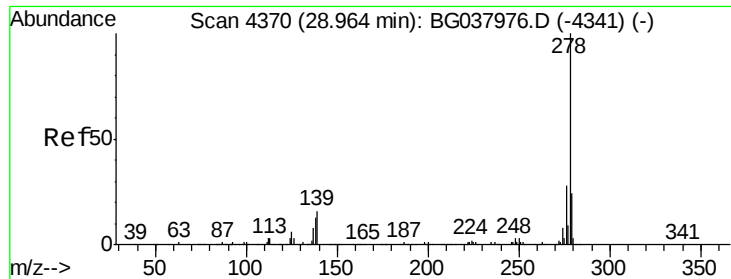
Sohil
11/21/2018 3:23:22 PM



#90
Benzo(a)pyrene
Concen: 47.191 ng
RT: 24.92 min Scan# 3681
Delta R.T. -0.00 min
Lab File: BG038103.D
Acq: 21 Nov 2018 3:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.2
125	10.6	9.0	13.6





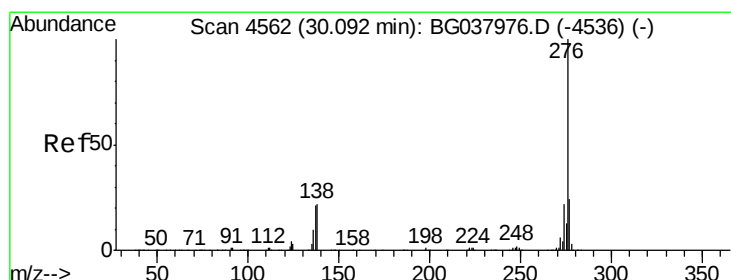
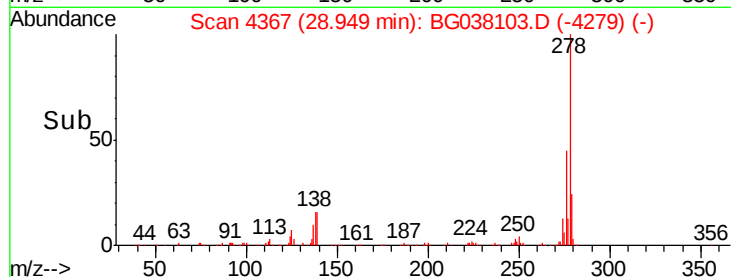
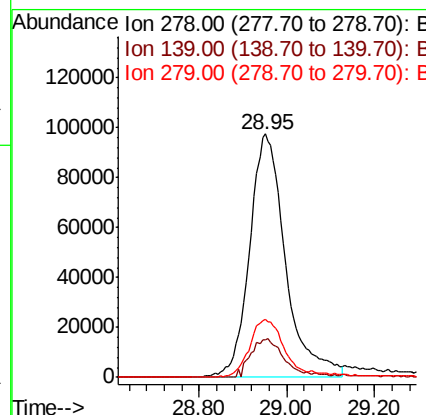
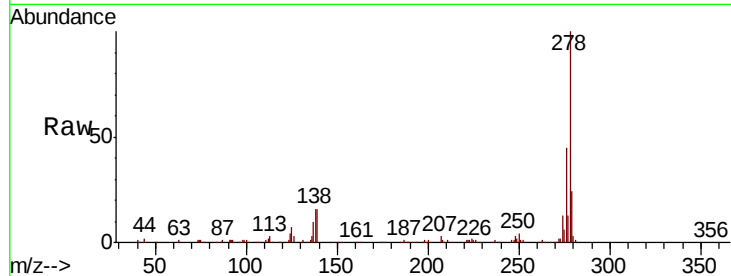
#91
Dibenzo(a,h)anthracene
Concen: 42.381 ng
RT: 28.95 min Scan# 4367
Delta R.T. -0.01 min
Lab File: BG038103.D
Acq: 21 Nov 2018 3:58

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

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.5	11.5	17.3
279	24.0	18.6	27.8

Manual Integrations
APPROVED

Sohil
11/21/2018 3:23:22 PM



#92
Benzo(g,h,i)perylene
Concen: 41.985 ng
RT: 30.09 min Scan# 4561
Delta R.T. -0.00 min
Lab File: BG038103.D
Acq: 21 Nov 2018 3:58

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.9	18.9	28.3
138	21.8	17.2	25.8

