

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120718\
 Data File : BG038409.D
 Acq On : 7 Dec 2018 18:49
 Operator : JU/SJ
 Sample : J6195-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-01-120518-AMS

Manual Integrations
 APPROVED

Sohil
 12/11/2018 10:30:29 AM

Quant Time: Dec 08 04:27:19 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	24315	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	103815	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	69381	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	199871	20.00	ng	0.00
76) Chrysene-d12	21.73	240	167966	20.00	ng	0.00
87) Perylene-d12	25.03	264	182561	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	159335	115.96	ng	0.00
7) Phenol-d6	7.22	99	211394	106.45	ng	0.00
23) Nitrobenzene-d5	9.25	82	159415	76.24	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	113404	133.14	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	373311	76.67	ng	0.00
79) Terphenyl-d14	20.05	244	818632	104.41	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	21653	34.384	ng	# 1
3) Pyridine	3.91	79	91460	48.546	ng	95
4) n-Nitrosodimethylamine	3.83	42	45786	55.482	ng	92
6) Aniline	7.40	93	53265	21.000	ng	99
8) 2-Chlorophenol	7.63	128	71081	44.544	ng	99
9) Benzaldehyde	7.21	77	35467	28.204	ng	97
10) Phenol	7.25	94	82082	39.119	ng	93
11) bis(2-Chloroethyl)ether	7.49	93	71631	41.684	ng	99
12) 1,3-Dichlorobenzene	7.96	146	70222	37.652	ng	95
13) 1,4-Dichlorobenzene	8.10	146	72440	37.539	ng	97
14) 1,2-Dichlorobenzene	8.42	146	68786	38.383	ng	99
15) Benzyl Alcohol	8.31	79	68879	42.188	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.59	45	156765	40.107	ng	95
17) 2-Methylphenol	8.50	107	61918	42.515	ng	97
18) Hexachloroethane	9.15	117	27390	39.327	ng	93
19) n-Nitroso-di-n-propylamine	8.87	70	61512	42.512	ng	90
20) 3+4-Methylphenols	8.83	107	87818	41.544	ng	95
22) Acetophenone	8.90	105	116620	46.992	ng	# 96
24) Nitrobenzene	9.29	77	89464	42.112	ng	95
25) Isophorone	9.80	82	168313	45.803	ng	98
26) 2-Nitrophenol	10.00	139	43686	44.380	ng	# 89
27) 2,4-Dimethylphenol	10.04	122	73389	51.907	ng	97
28) bis(2-Chloroethoxy)methane	10.28	93	94659	44.934	ng	96
29) 2,4-Dichlorophenol	10.53	162	79544	49.286	ng	98
30) 1,2,4-Trichlorobenzene	10.75	180	77751	41.039	ng	95
31) Naphthalene	10.94	128	228788	46.136	ng	99
32) Benzoic acid	10.18	122	32302	33.750	ng	96
33) 4-Chloroaniline	11.06	127	12767	5.816	ng	97
34) Hexachlorobutadiene	11.20	225	48997	41.339	ng	95
35) Caprolactam	11.83	113	24689m	36.992	ng	
36) 4-Chloro-3-methylphenol	12.16	107	98352	54.847	ng	97
37) 2-Methylnaphthalene	12.54	142	177385	50.229	ng	97
38) 1-Methylnaphthalene	12.76	142	165998	49.077	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	96208	40.298	ng	99

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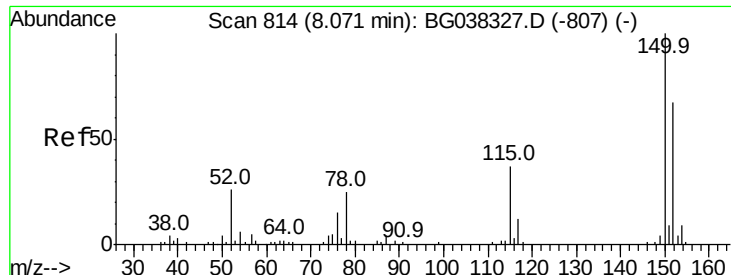
Manual Integrations
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Quant Time: Dec 08 04:27:19 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	116010	88.424	nq	98
43) 2,4,6-Trichlorophenol	13.14	196	71113	45.982	nq	96
44) 2,4,5-Trichlorophenol	13.22	196	76743	46.841	nq	97
46) 1,1'-Biphenyl	13.54	154	229959	39.211	nq	99
47) 2-Chloronaphthalene	13.59	162	184615	41.716	nq	98
48) 2-Nitroaniline	13.80	65	66712	44.933	nq	95
49) Acenaphthylene	14.43	152	306271	45.951	nq	99
50) Dimethylphthalate	14.16	163	252264	45.331	nq	98
51) 2,6-Dinitrotoluene	14.29	165	57959	45.594	nq	97
52) Acenaphthene	14.77	154	175546	43.204	nq	98
53) 3-Nitroaniline	14.63	138	26473	19.336	nq #	92
54) 2,4-Dinitrophenol	14.83	184	68314	98.034	nq #	79
55) Dibenzofuran	15.10	168	290680	43.273	nq	96
56) 4-Nitrophenol	14.92	139	80105	74.069	nq #	85
57) 2,4-Dinitrotoluene	15.07	165	82267	46.922	nq #	97
58) Fluorene	15.75	166	234897	47.464	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.32	232	70511	49.553	nq	99
60) Diethylphthalate	15.51	149	262245	42.536	nq	99
61) 4-Chlorophenyl-phenylether	15.74	204	128081	43.087	nq	97
62) 4-Nitroaniline	15.78	138	58412	43.379	nq	88
63) Azobenzene	16.03	77	233593	43.292	nq	95
65) 4,6-Dinitro-2-methylphenol	15.83	198	48536	37.062	nq	90
66) n-Nitrosodiphenylamine	15.95	169	216831	38.579	nq	98
67) 4-Bromophenyl-phenylether	16.63	248	84381	39.094	nq	97
68) Hexachlorobenzene	16.75	284	88139	39.590	nq	98
69) Atrazine	16.90	200	89436	42.645	nq	98
70) Pentachlorophenol	17.09	266	107454	70.467	nq	96
71) Phenanthrene	17.50	178	444190	44.377	nq	98
72) Anthracene	17.59	178	431431	44.509	nq	99
73) Carbazole	17.86	167	375937	39.077	nq	99
74) Di-n-butylphthalate	18.39	149	469708	41.792	nq	98
75) Fluoranthene	19.50	202	731194	62.525	nq	99
77) Benzidine	19.69	184	69294	12.226	nq	100
78) Pyrene	19.87	202	720469	61.305	nq	99
80) Butylbenzylphthalate	20.73	149	206652	43.719	nq	99
81) Benzo(a)anthracene	21.71	228	479297	46.429	nq	100
82) 3,3'-Dichlorobenzidine	21.63	252	87320	21.744	nq	97
83) Chrysene	21.78	228	444109	45.461	nq	98
84) Bis(2-ethylhexyl)phthalate	21.58	149	288769	43.102	nq	99
85) Di-n-octyl phthalate	22.81	149	492577	42.878	nq	98
86) Indeno(1,2,3-cd)pyrene	28.83	276	542980	48.907	nq	98
88) Benzo(b)fluoranthene	23.98	252	480129	46.545	nq #	98
89) Benzo(k)fluoranthene	24.05	252	460409	44.814	nq	99
90) Benzo(a)pyrene	24.88	252	456610	45.635	nq #	95
91) Dibenzo(a,h)anthracene	28.90	278	447806	47.188	nq #	95
92) Benzo(g,h,i)perylene	30.02	276	508548	54.013	nq	98

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



#1

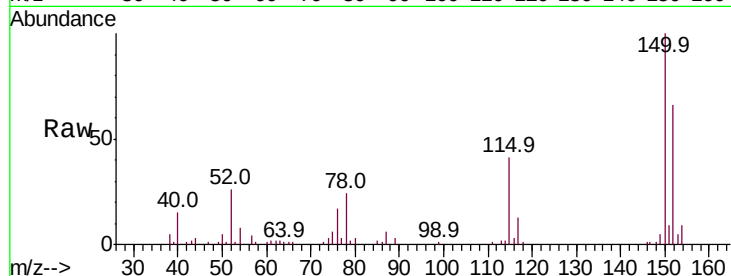
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.00 min
Lab File: BG038409.D
Acq: 7 Dec 2018 18:49

Instrument :
BNA_G
ClientSampleId :
OR-01-120518-AMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.4	126.0	189.0
115	61.9	45.5	68.3

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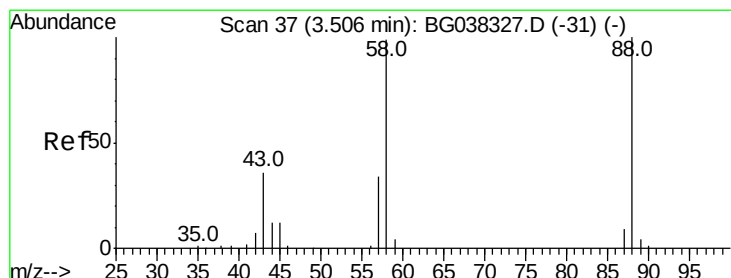
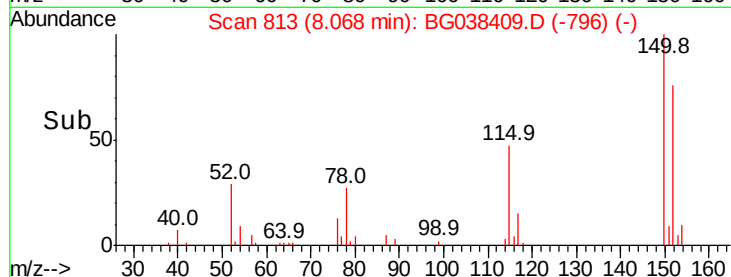
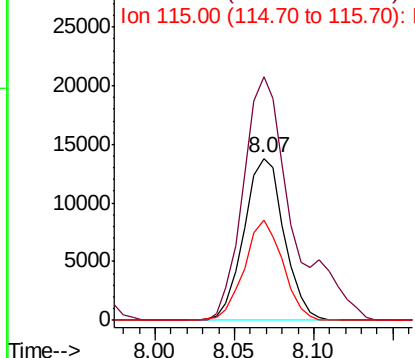


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

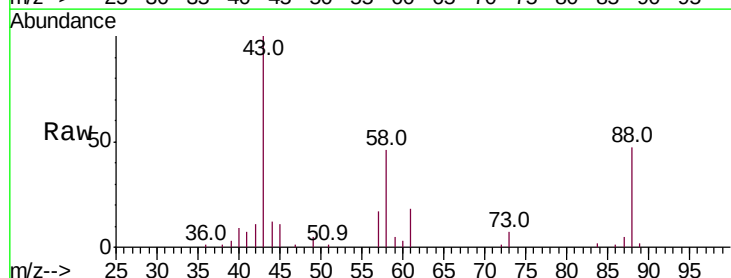
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 34.384 ng
RT: 3.51 min Scan# 37
Delta R.T. 0.00 min
Lab File: BG038409.D
Acq: 7 Dec 2018 18:49

Tgt Ion	Ratio	Lower	Upper
88	100		
58	101.8	74.4	111.6
43	265.5	25.8	38.8#

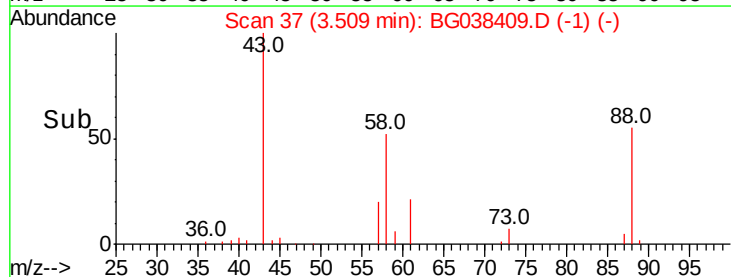
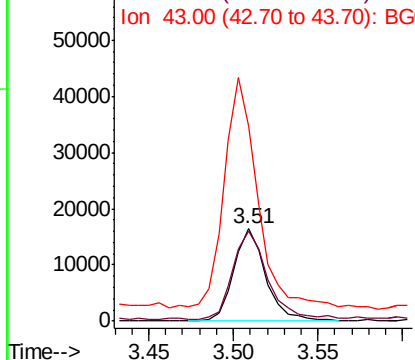


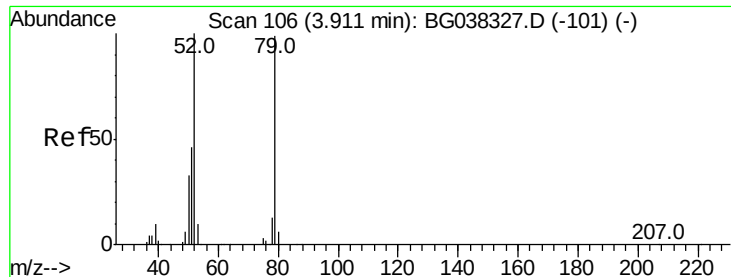
Abundance

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: 48.546 ng

RT: 3.91 min Scan# 106

Delta R.T. 0.00 min

Lab File: BG038409.D

Acq: 7 Dec 2018 18:49

Instrument :

BNA_G

ClientSampleId :

OR-01-120518-AMS

Tot Ion: 79 Resp: 91460

Ion Ratio Lower Upper

79 100

52 86.9 74.2 111.2

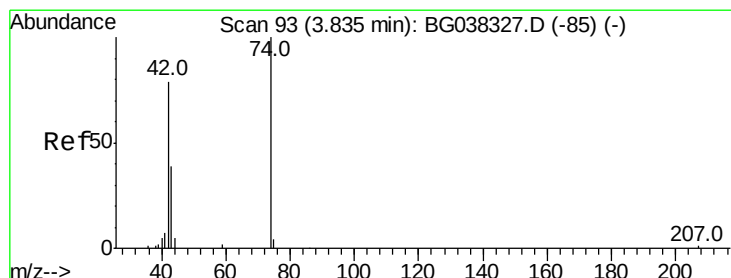
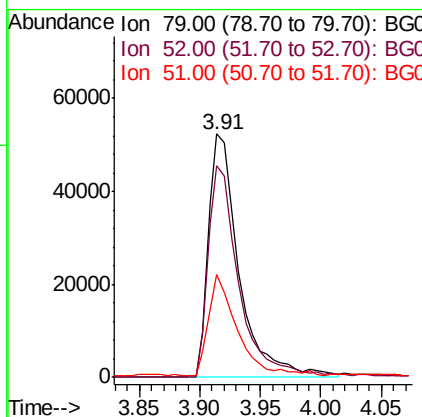
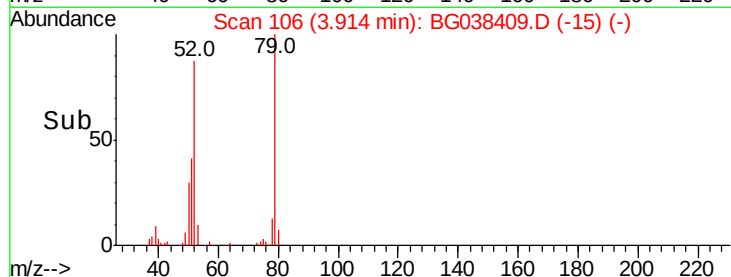
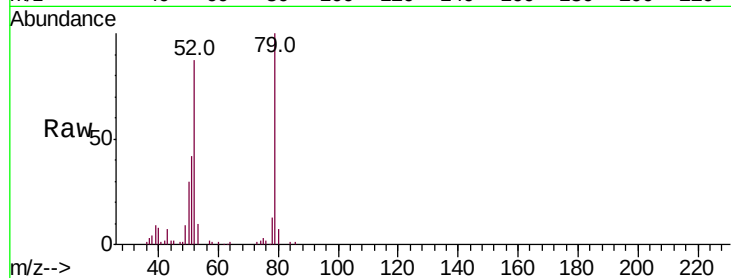
51 42.0 34.6 51.8

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#4

n-Nitrosodimethylamine

Concen: 55.482 ng

RT: 3.83 min Scan# 92

Delta R.T. -0.00 min

Lab File: BG038409.D

Acq: 7 Dec 2018 18:49

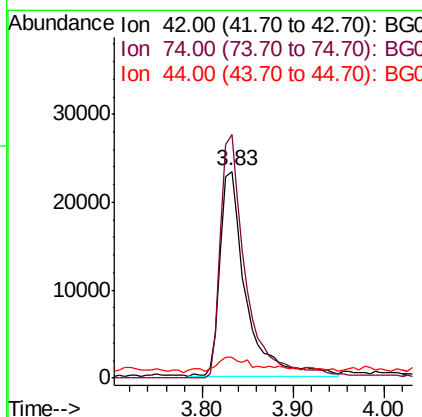
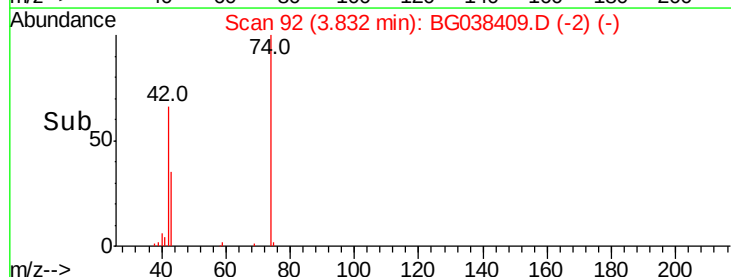
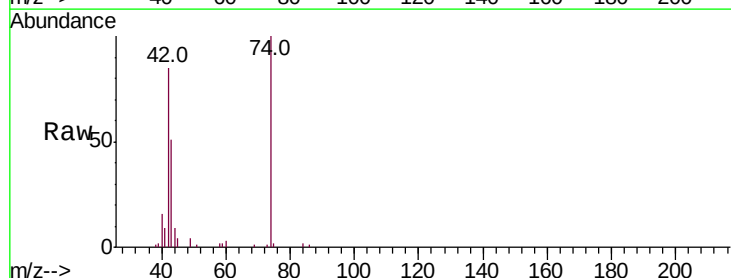
Tgt Ion: 42 Resp: 45786

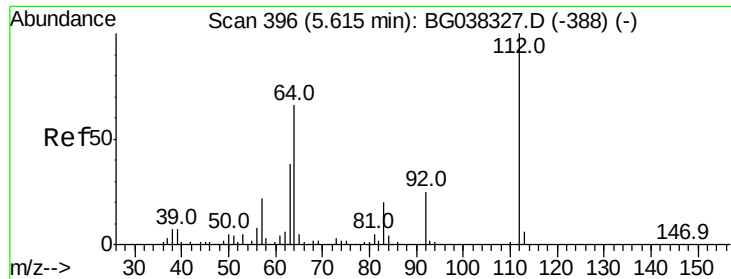
Ion Ratio Lower Upper

42 100

74 117.8 102.0 153.0

44 10.4 9.6 14.4





#5

2-Fluorophenol

Concen: 115.964 ng

RT: 5.62 min Scan# 396

Delta R.T. 0.00 min

Lab File: BG038409.D

Acq: 7 Dec 2018 18:49

Instrument :

BNA_G

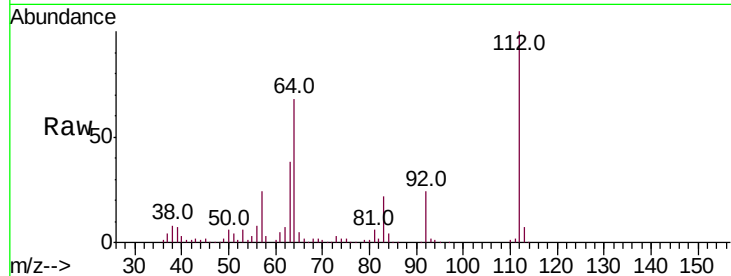
ClientSampleId :

OR-01-120518-AMS

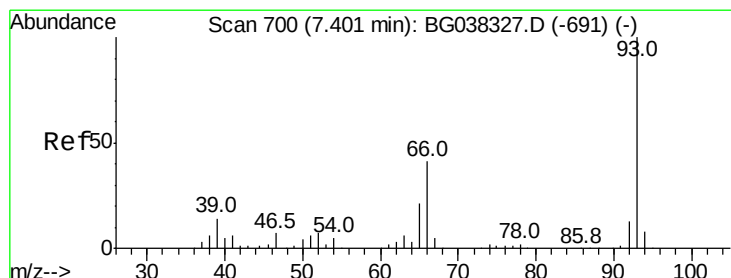
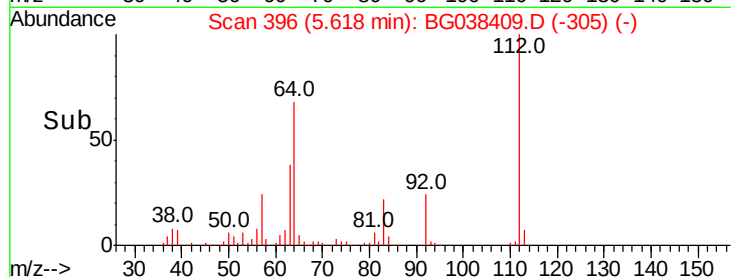
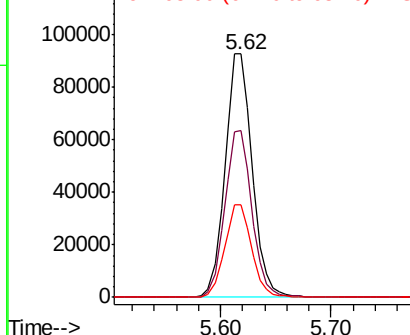
Tot Ion:	112	Resp:	159335
Ion Ratio	Lower	Upper	
112	100		
64	68.5	53.1	79.7
63	37.9	27.3	40.9

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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: 21.000 ng

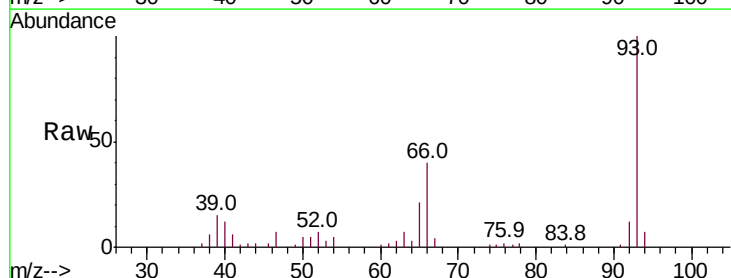
RT: 7.40 min Scan# 699

Delta R.T. -0.00 min

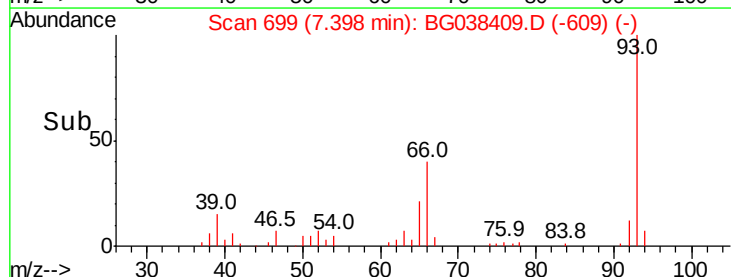
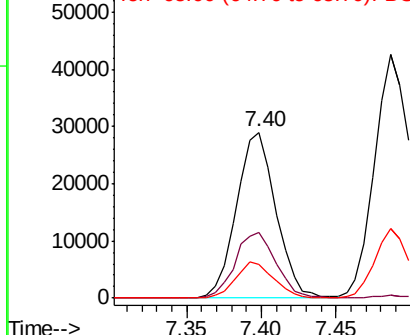
Lab File: BG038409.D

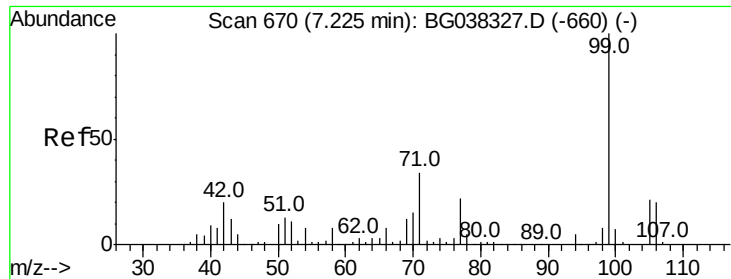
Acq: 7 Dec 2018 18:49

Tgt Ion:	93	Resp:	53265
Ion Ratio	Lower	Upper	
93	100		
66	39.7	32.8	49.2
65	20.5	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: 106.448 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG038409.D

Acq: 7 Dec 2018 18:49

Instrument :

BNA_G

ClientSampleId :

OR-01-120518-AMS

Tot Ion: 99 Resp: 211394

Ion Ratio Lower Upper

99 100

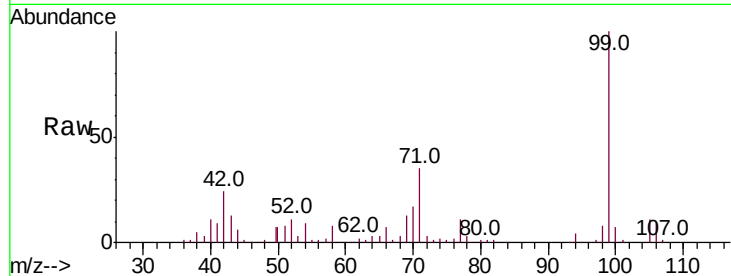
42 23.8 15.0 22.4#

71 34.9 25.5 38.3

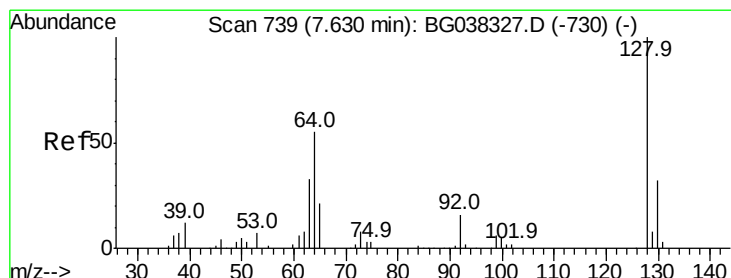
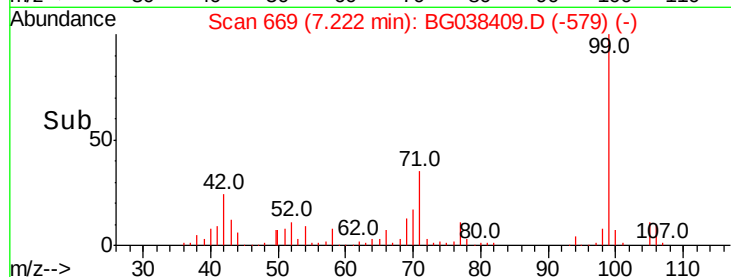
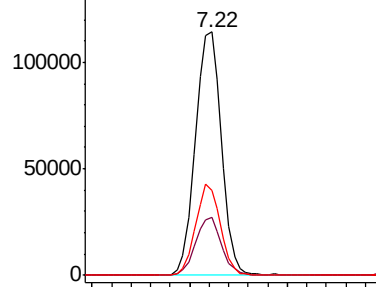
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 44.544 ng

RT: 7.63 min Scan# 739

Delta R.T. 0.00 min

Lab File: BG038409.D

Acq: 7 Dec 2018 18:49

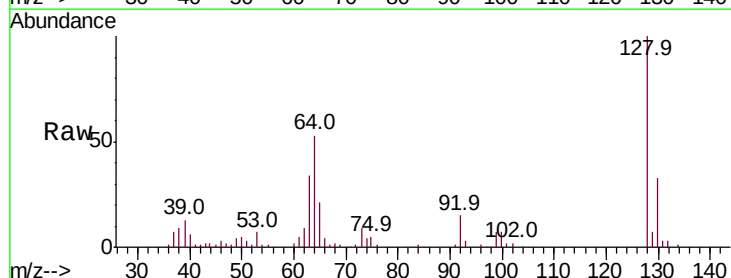
Tgt Ion:128 Resp: 71081

Ion Ratio Lower Upper

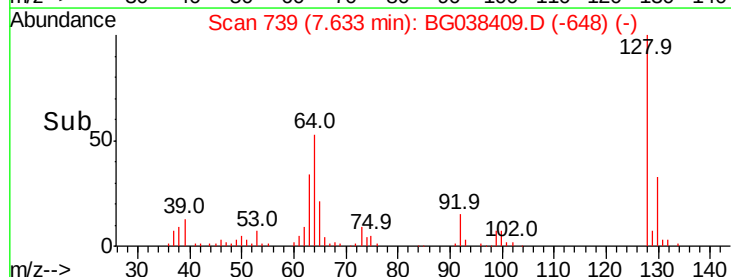
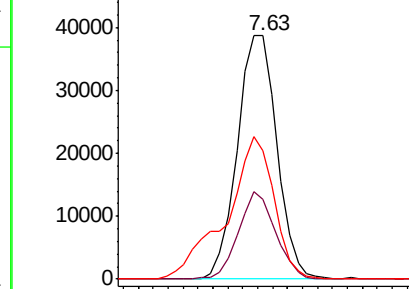
128 100

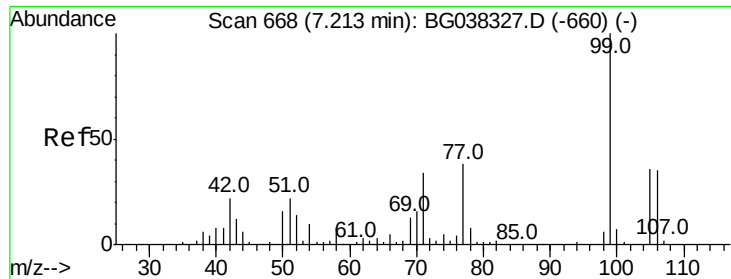
130 32.7 12.0 52.0

64 52.6 32.9 72.9



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





#9

Benzaldehyde

Concen: 28.204 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.00 min

Lab File: BG038409.D

Acq: 7 Dec 2018 18:49

Instrument :

BNA_G

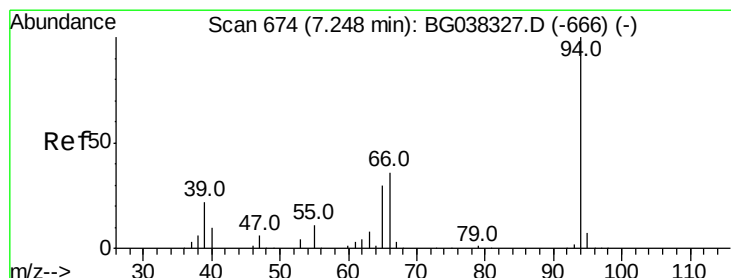
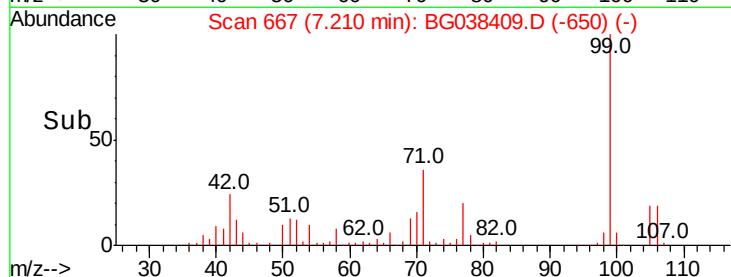
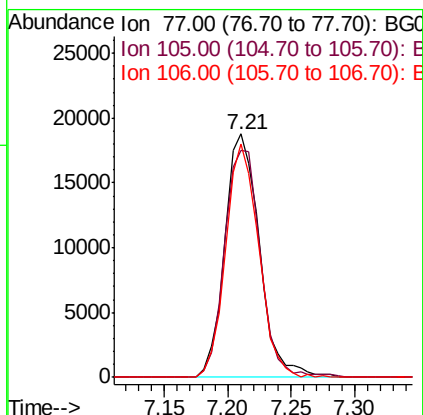
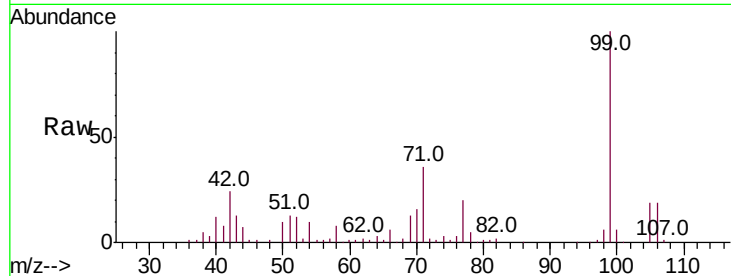
ClientSampleId :

OR-01-120518-AMS

Tot Ion	Ratio	Lower	Upper
77	100		
105	93.4	72.6	112.6
106	95.9	71.3	111.3

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#10

Phenol

Concen: 39.119 ng

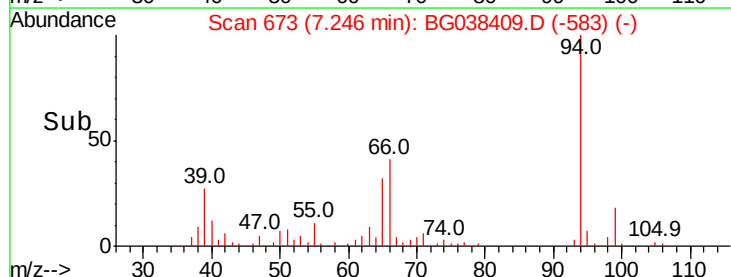
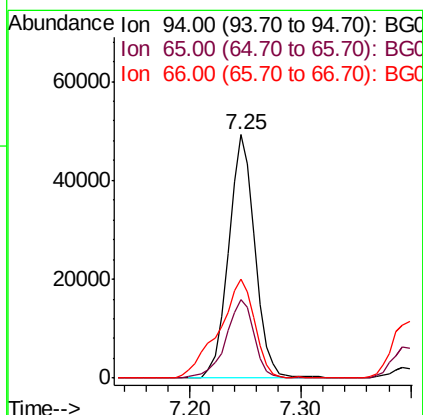
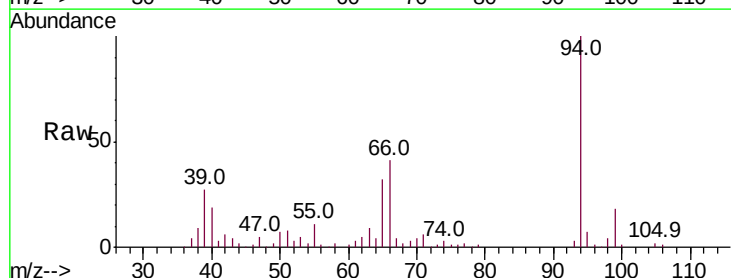
RT: 7.25 min Scan# 673

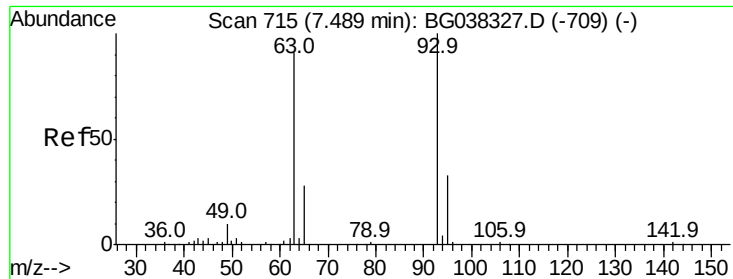
Delta R.T. -0.00 min

Lab File: BG038409.D

Acq: 7 Dec 2018 18:49

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.1	9.7	49.7
66	40.9	15.9	55.9





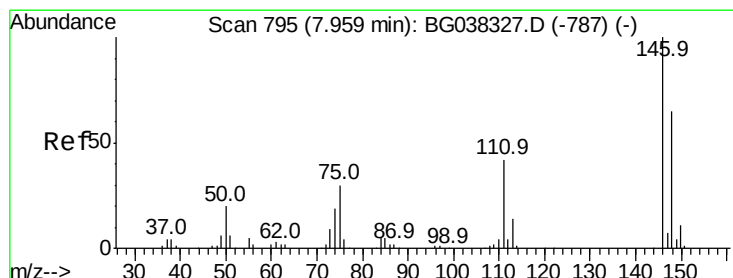
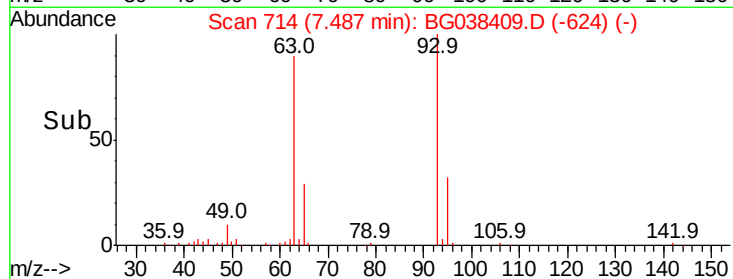
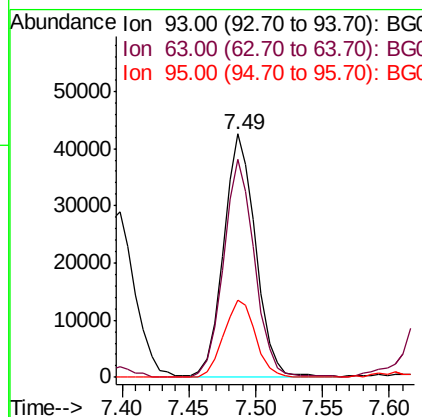
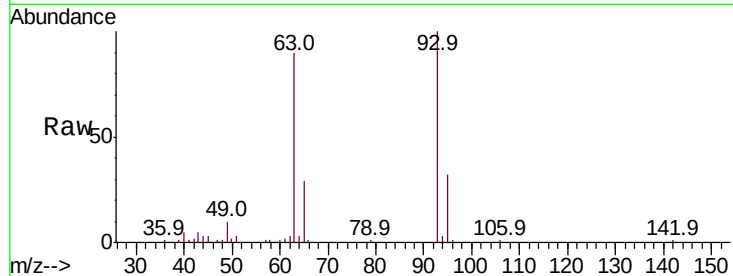
#11
bis(2-Chloroethyl)ether
Concen: 41.684 ng
RT: 7.49 min Scan# 714
Delta R.T. -0.00 min
Lab File: BG038409.D
Acq: 7 Dec 2018 18:49

Instrument :
BNA_G
ClientSampleId :
OR-01-120518-AMS

Tot Ion	Ratio	Lower	Upper
93	100		
63	89.8	69.5	109.5
95	31.6	12.6	52.6

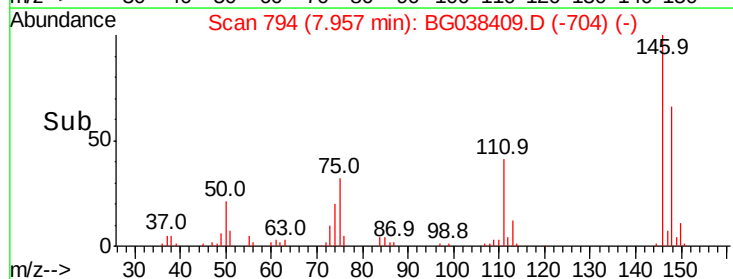
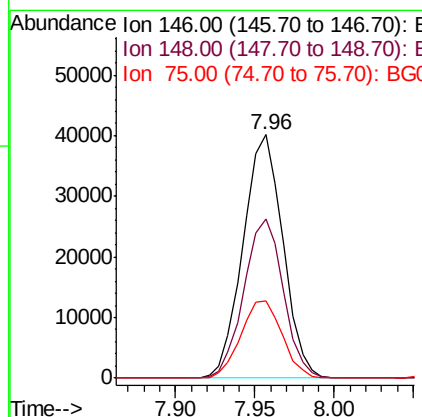
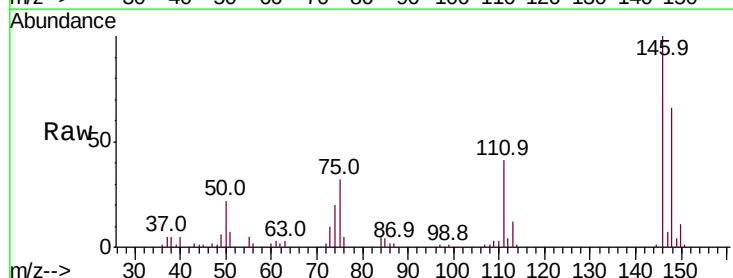
Manual Integrations
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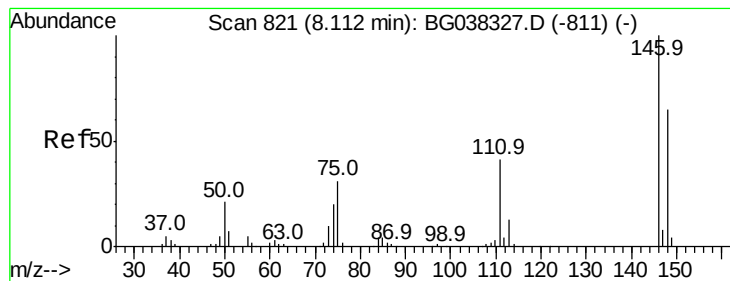
Sohil
12/11/2018 10:30:29 AM



#12
1,3-Dichlorobenzene
Concen: 37.652 ng
RT: 7.96 min Scan# 794
Delta R.T. -0.00 min
Lab File: BG038409.D
Acq: 7 Dec 2018 18:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	49.8	74.8
75	32.0	23.2	34.8





#13

1,4-Dichlorobenzene

Concen: 37.539 ng

RT: 8.10 min Scan# 819

Delta R.T. -0.01 min

Lab File: BG038409.D

Acq: 7 Dec 2018 18:49

Instrument :

BNA_G

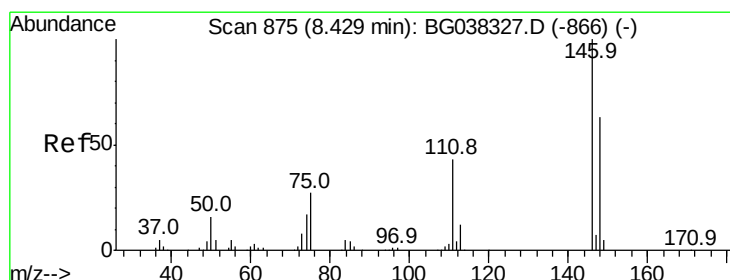
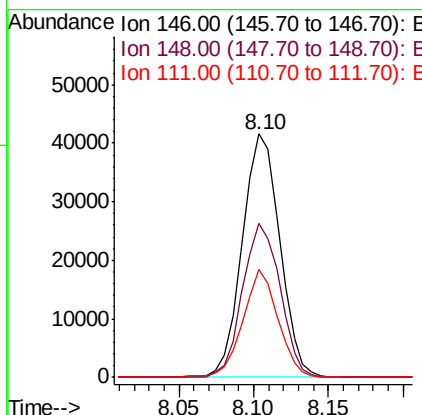
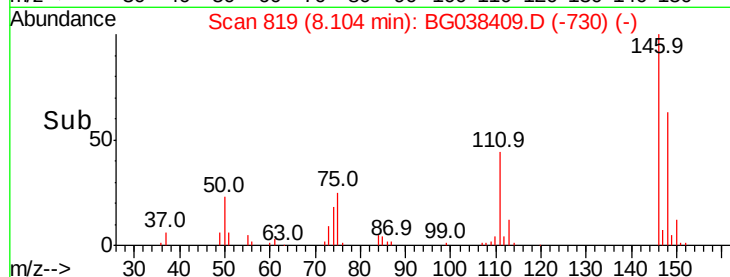
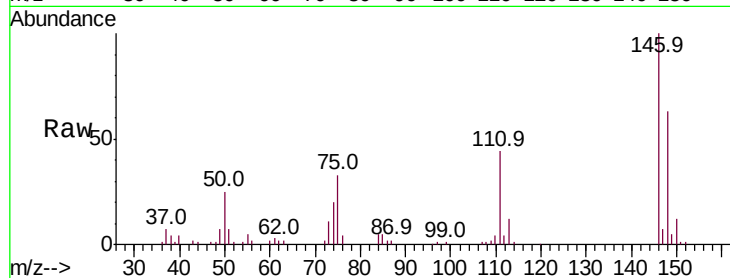
ClientSampleId :

OR-01-120518-AMS

Tot Ion:	146	Resp:	72440
Ion Ratio	Lower	Upper	
146	100		
148	63.3	51.0	76.6
111	44.4	32.4	48.6

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#14

1,2-Dichlorobenzene

Concen: 38.383 ng

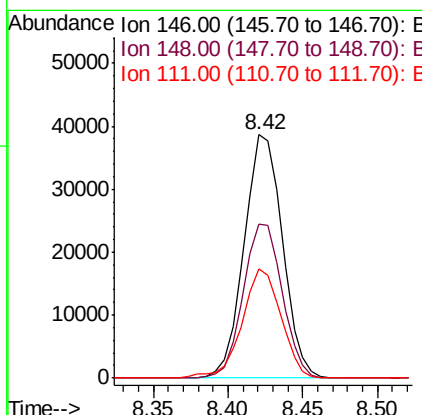
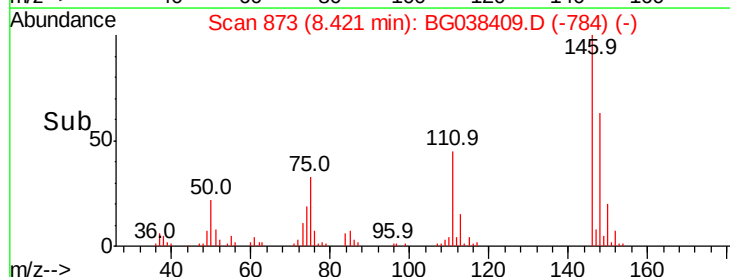
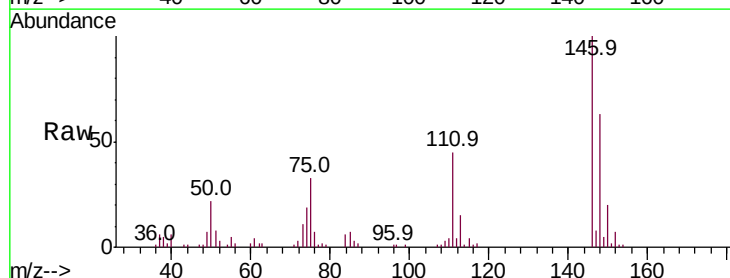
RT: 8.42 min Scan# 873

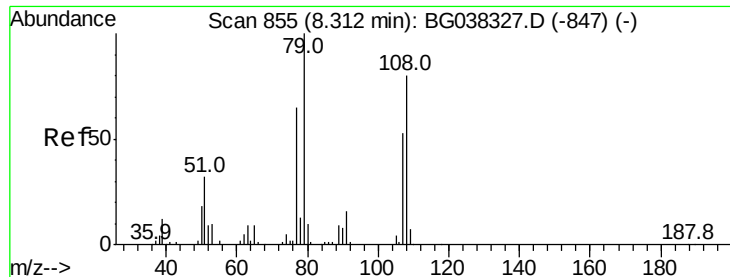
Delta R.T. -0.01 min

Lab File: BG038409.D

Acq: 7 Dec 2018 18:49

Tgt Ion:	146	Resp:	68786
Ion Ratio	Lower	Upper	
146	100		
148	63.2	50.4	75.6
111	45.0	34.6	51.8





#15

Benzyl Alcohol

Concen: 42.188 ng

RT: 8.31 min Scan# 854

Delta R.T. -0.00 min

Lab File: BG038409.D

Acq: 7 Dec 2018 18:49

Instrument :

BNA_G

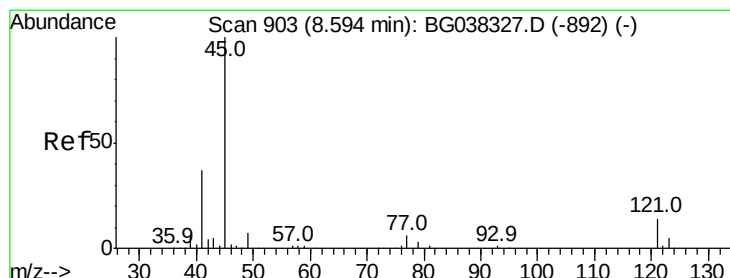
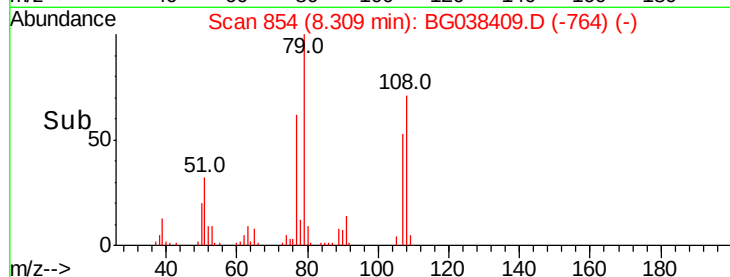
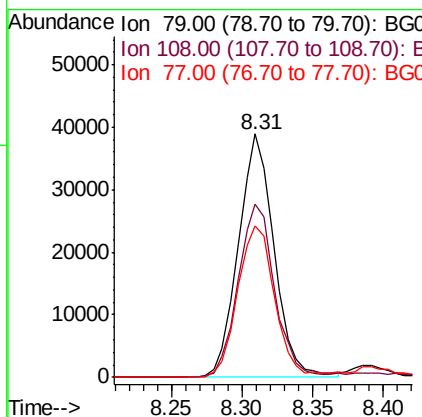
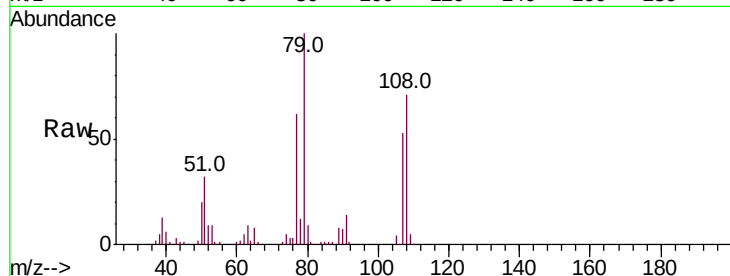
ClientSampleId :

OR-01-120518-AMS

Tot Ion:	79	Resp:	68879
Ion	Ratio	Lower	Upper
79	100		
108	71.3	65.8	98.8
77	61.9	52.9	79.3

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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.107 ng

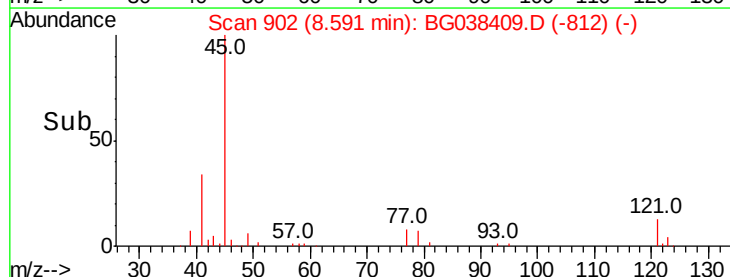
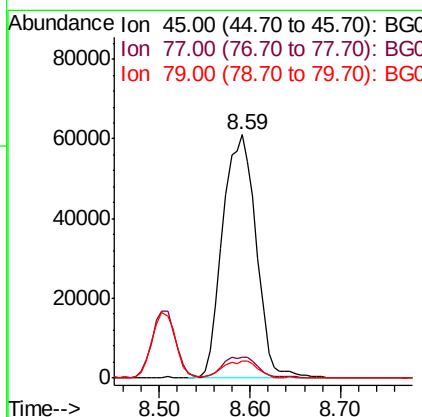
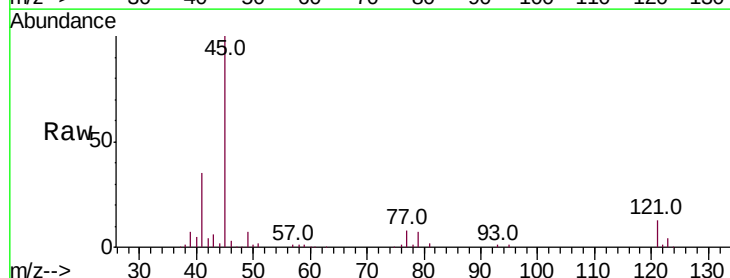
RT: 8.59 min Scan# 902

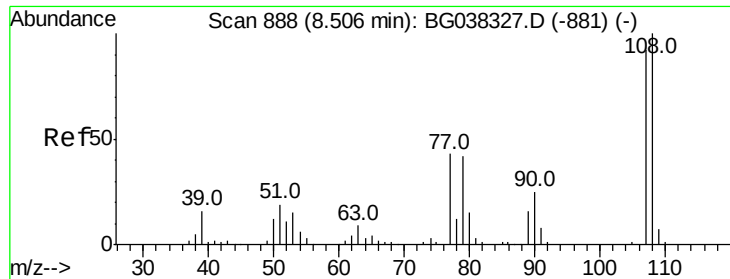
Delta R.T. -0.00 min

Lab File: BG038409.D

Acq: 7 Dec 2018 18:49

Tgt Ion:	45	Resp:	156765
Ion	Ratio	Lower	Upper
45	100		
77	8.4	0.0	30.0
79	7.0	0.0	29.0





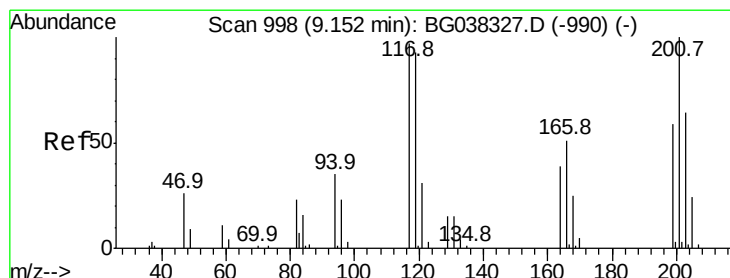
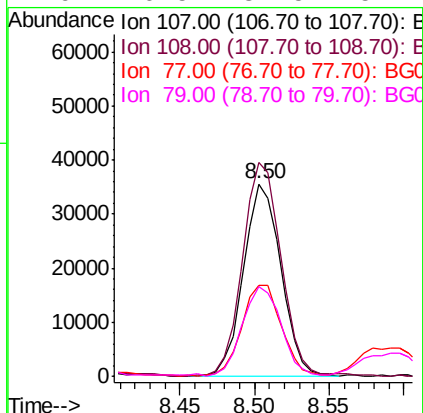
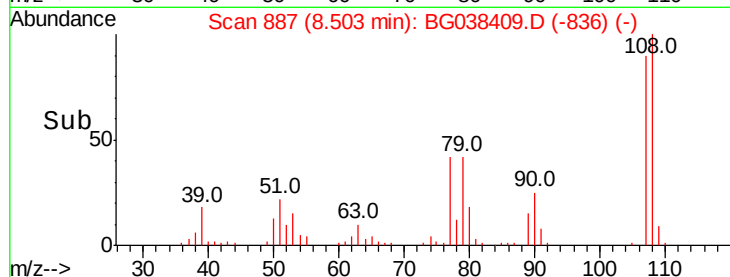
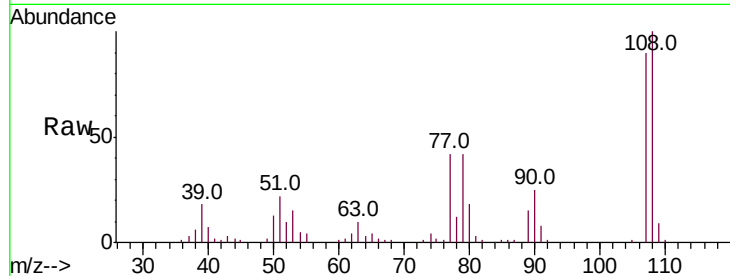
#17
2-Methylphenol
Concen: 42.515 ng
RT: 8.50 min Scan# 887
Delta R.T. -0.00 min
Lab File: BG038409.D
Acq: 7 Dec 2018 18:49

Instrument :
BNA_G
ClientSampleId :
OR-01-120518-AMS

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.2	87.9	131.9
77	47.1	35.1	52.7
79	46.5	34.5	51.7

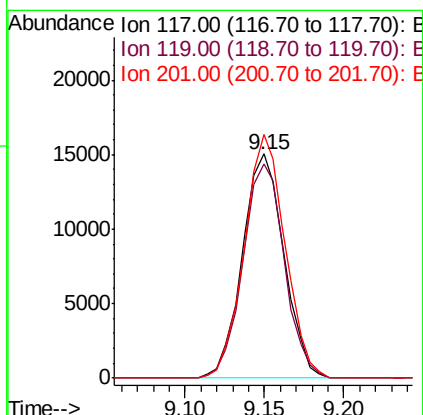
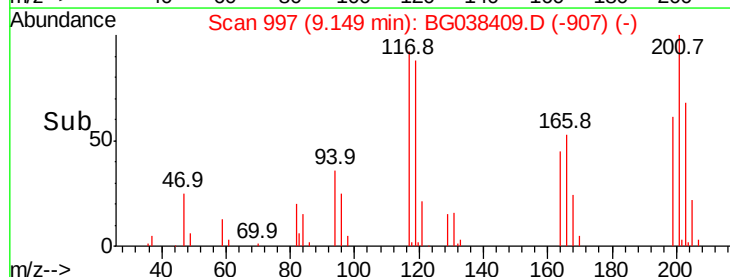
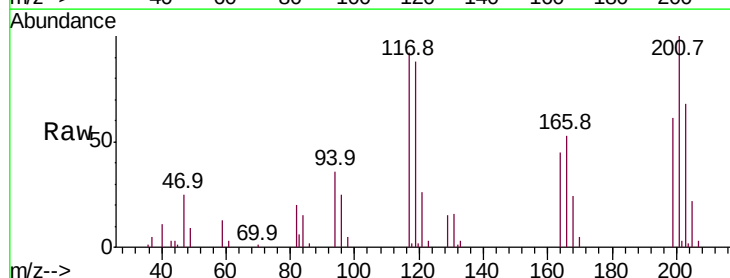
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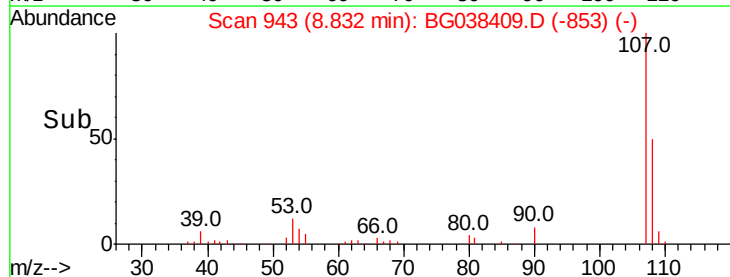
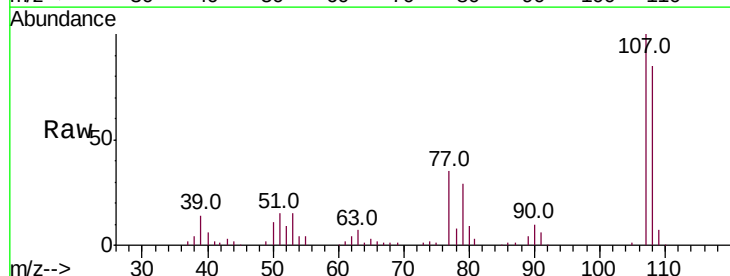
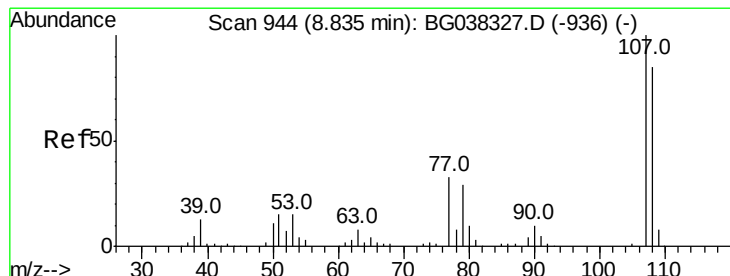
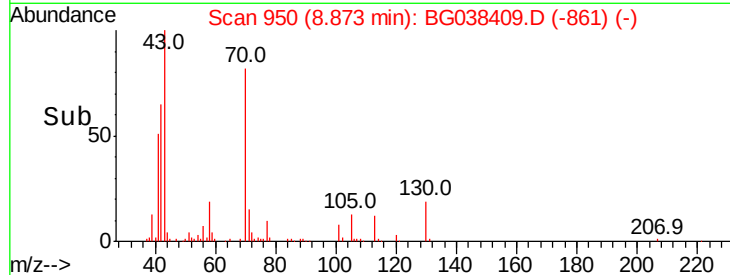
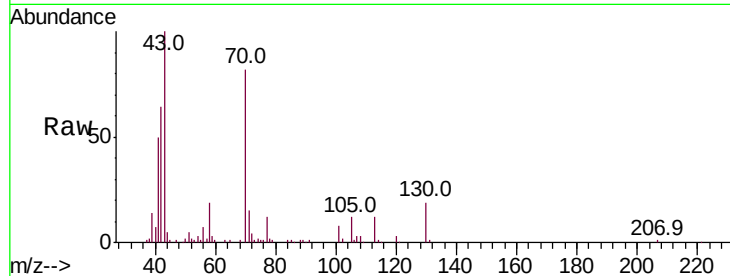
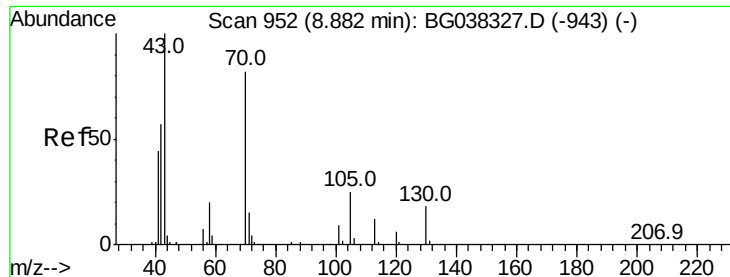
Sohil
12/11/2018 10:30:29 AM



#18
Hexachloroethane
Concen: 39.327 ng
RT: 9.15 min Scan# 997
Delta R.T. -0.00 min
Lab File: BG038409.D
Acq: 7 Dec 2018 18:49

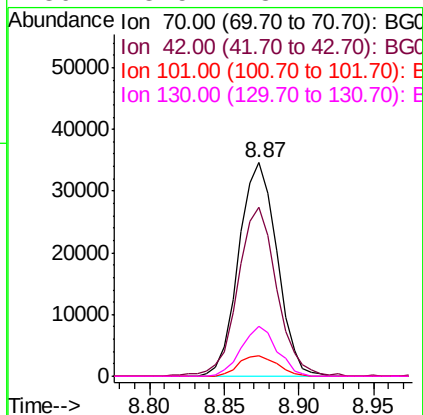
Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	74.6	111.8
201	111.4	80.8	121.2





#19
n-Nitroso-di-n-propylamine
Concen: 42.512 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG038409.D
Acq: 7 Dec 2018 18:49

Tot Ion	Ratio	Lower	Upper
70	100		
42	79.0	53.9	80.9
101	9.6	8.2	12.2
130	23.5	18.2	27.4



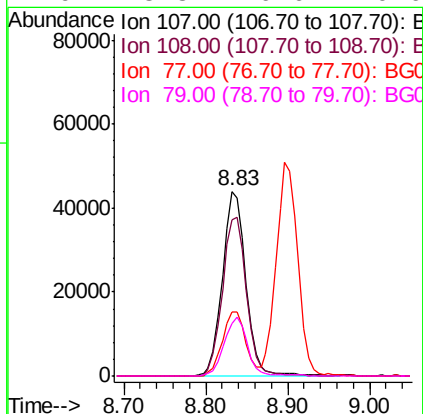
Instrument :
BNA_G
ClientSampleId :
OR-01-120518-AMS

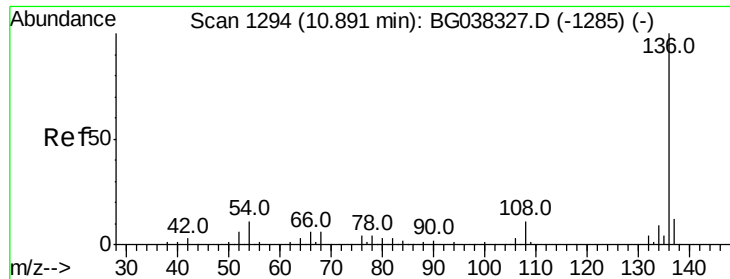
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12/11/2018 10:30:29 AM

#20
3+4-Methylphenols
Concen: 41.544 ng
RT: 8.83 min Scan# 943
Delta R.T. -0.00 min
Lab File: BG038409.D
Acq: 7 Dec 2018 18:49

Tgt Ion	Ratio	Lower	Upper
107	100		
108	84.8	69.9	109.9
77	34.9	11.2	51.2
79	28.8	6.6	46.6





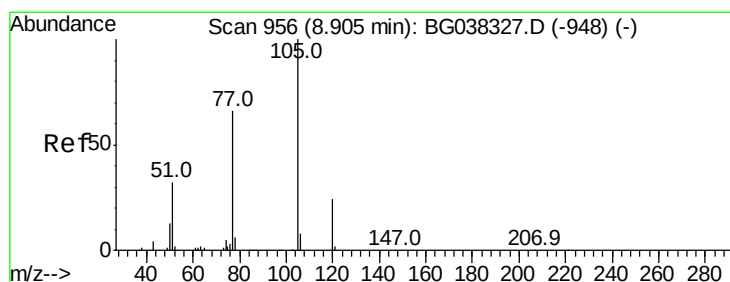
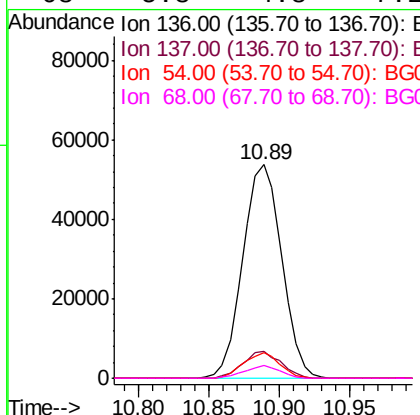
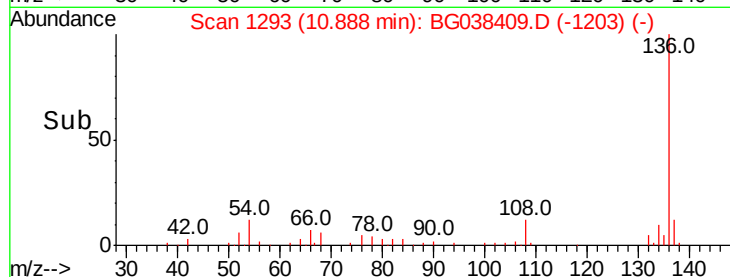
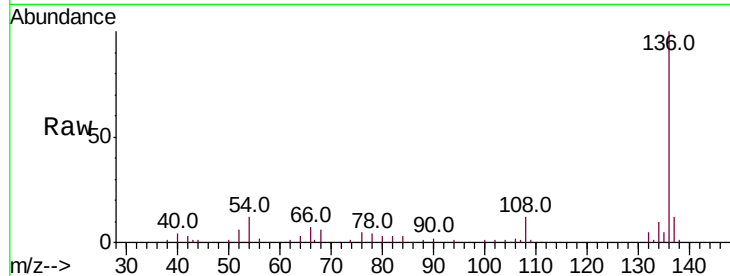
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BG038409.D
Acq: 7 Dec 2018 18:49

Instrument :
BNA_G
ClientSampleId :
OR-01-120518-AMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	12.3	9.6	14.4	
54	12.0	7.9	11.9	
68	5.8	4.8	7.2	

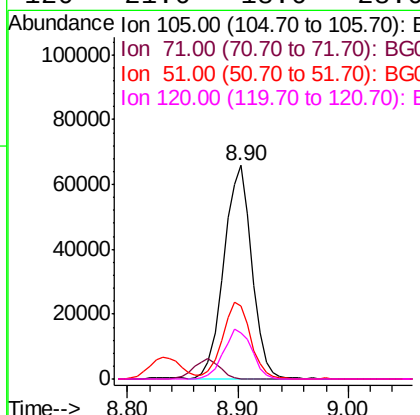
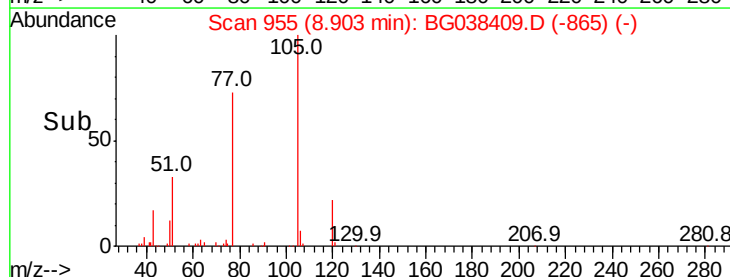
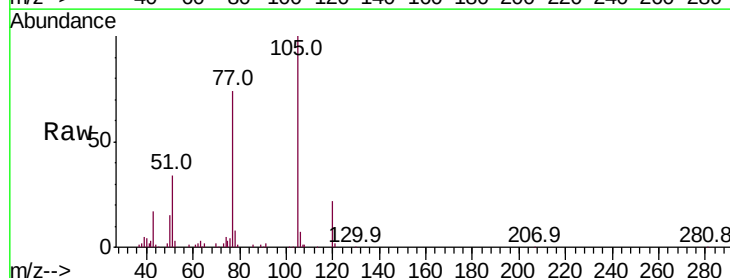
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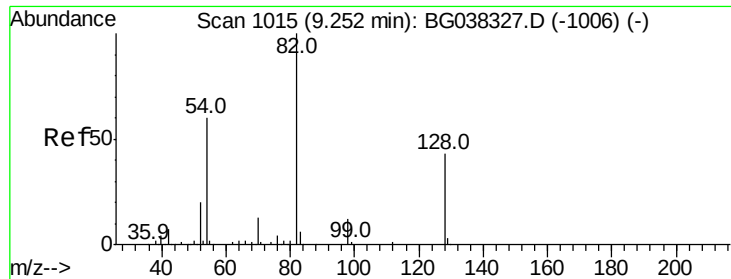
Sohil
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#22
Acetophenone
Concen: 46.992 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.00 min
Lab File: BG038409.D
Acq: 7 Dec 2018 18:49

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.3	1.2	1.8	
51	33.9	25.0	37.6	
120	21.6	18.6	28.0	





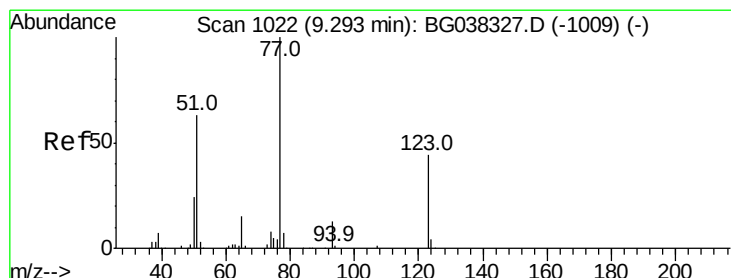
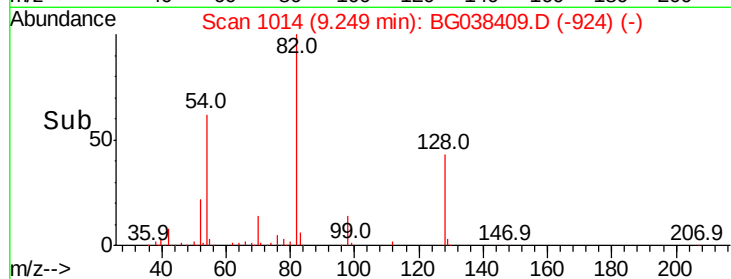
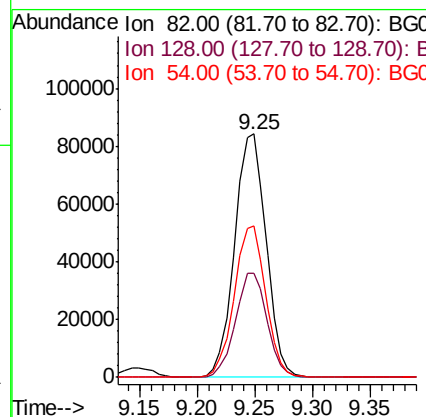
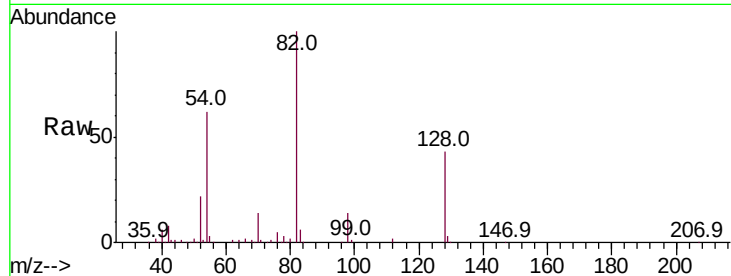
#23
Nitrobenzene-d5
Concen: 76.238 ng
RT: 9.25 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BG038409.D
Acq: 7 Dec 2018 18:49

Instrument :
BNA_G
ClientSampleId :
OR-01-120518-AMS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	42.7	34.6	51.8	
54	62.3	45.3	67.9	

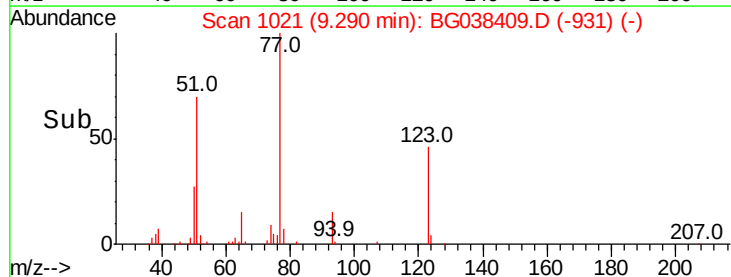
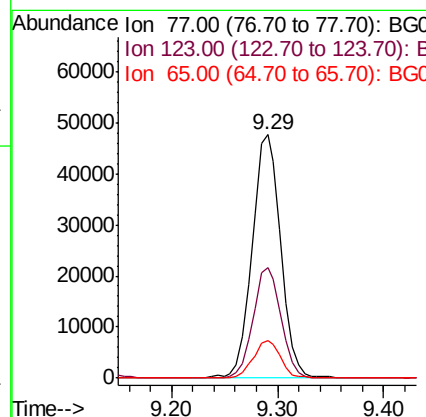
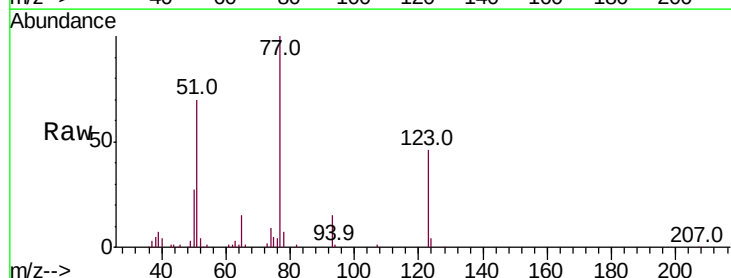
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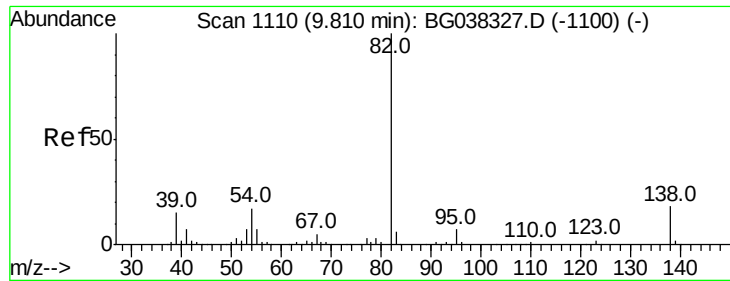
Sohil
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#24
Nitrobenzene
Concen: 42.112 ng
RT: 9.29 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BG038409.D
Acq: 7 Dec 2018 18:49

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	45.5	33.6	50.4	
65	15.5	11.3	16.9	





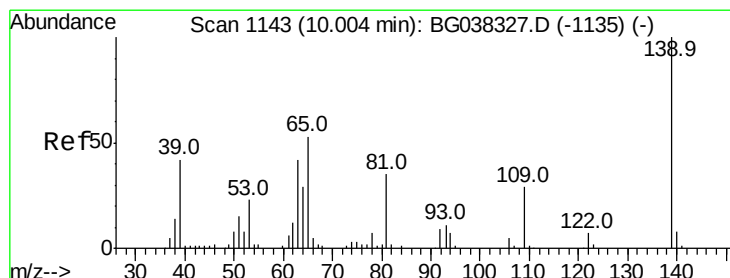
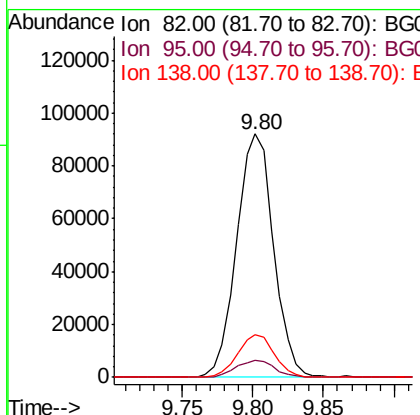
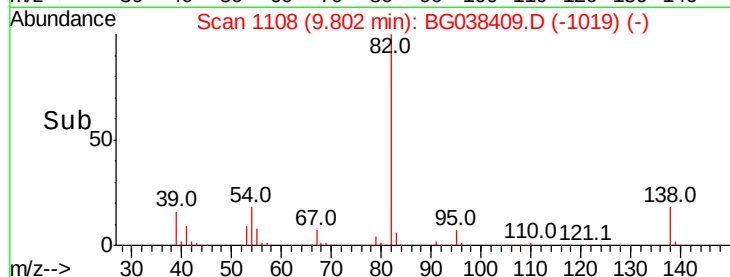
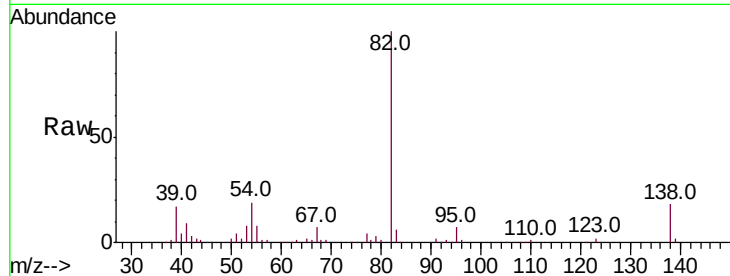
#25
Isophorone
Concen: 45.803 ng
RT: 9.80 min Scan# 1108
Delta R.T. -0.01 min
Lab File: BG038409.D
Acq: 7 Dec 2018 18:49

Instrument :
BNA_G
ClientSampleId :
OR-01-120518-AMS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	168313		
95	7.2		5.3	7.9
138	17.5		13.3	19.9

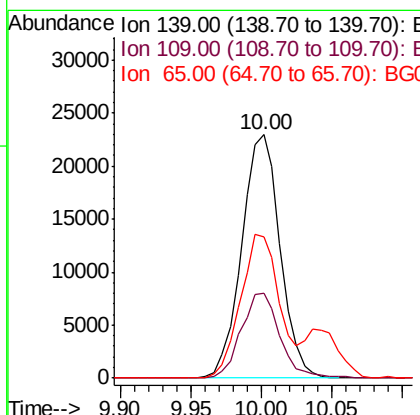
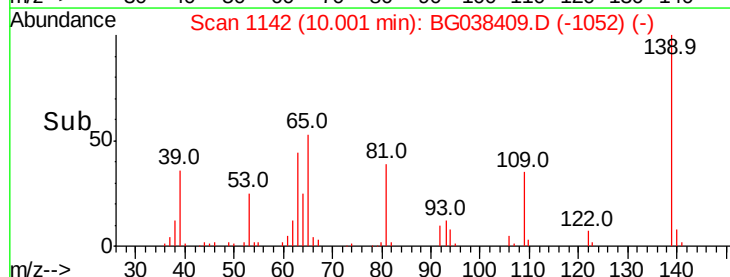
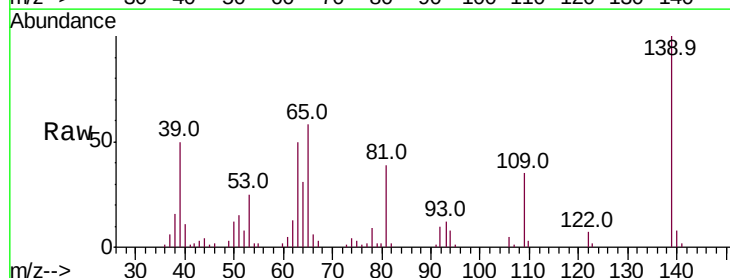
Manual Integrations
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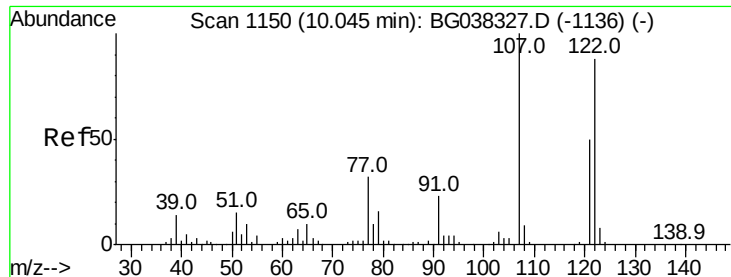
Sohil
12/11/2018 10:30:29 AM



#26
2-Nitrophenol
Concen: 44.380 ng
RT: 10.00 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BG038409.D
Acq: 7 Dec 2018 18:49

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	43686		
109	35.0		23.3	34.9#
65	57.8		39.8	59.8





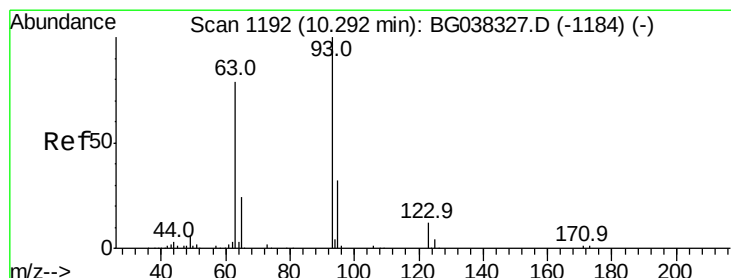
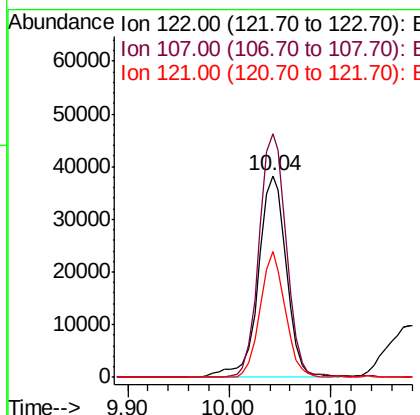
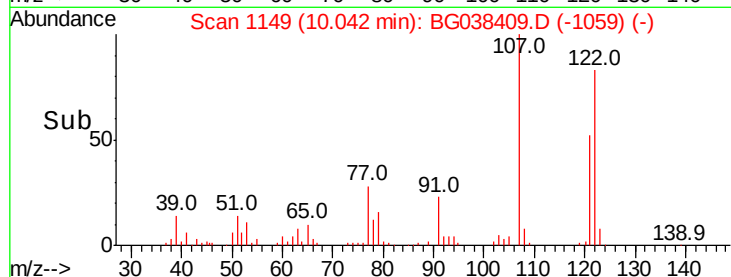
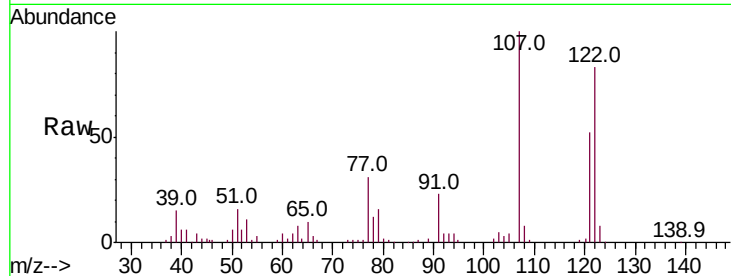
#27
2,4-Dimethylphenol
Concen: 51.907 ng
RT: 10.04 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BG038409.D
Acq: 7 Dec 2018 18:49

Instrument :
BNA_G
ClientSampleId :
OR-01-120518-AMS

Tot Ion	Ratio	Lower	Upper
122	100		
107	120.9	94.2	141.2
121	62.7	47.3	70.9

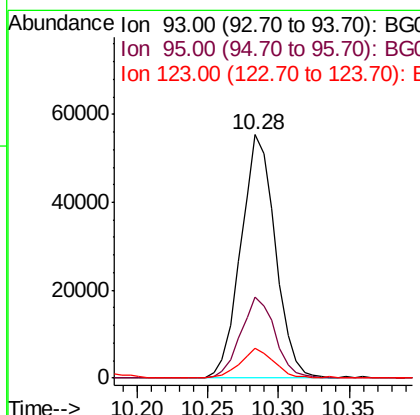
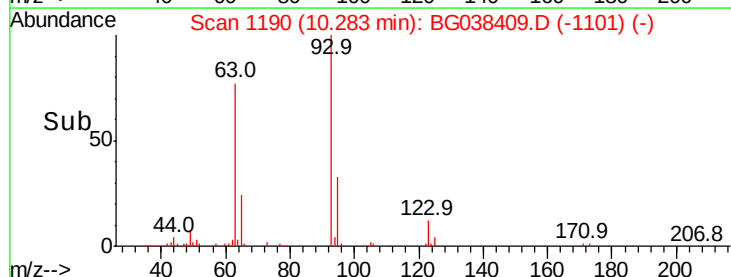
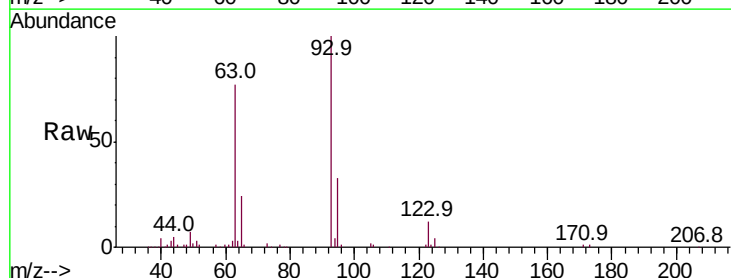
Manual Integrations
APPROVED

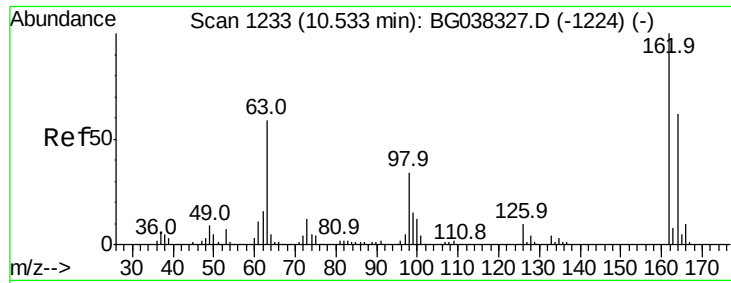
Sohil
12/11/2018 10:30:29 AM



#28
bis(2-Chloroethoxy)methane
Concen: 44.934 ng
RT: 10.28 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BG038409.D
Acq: 7 Dec 2018 18:49

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	24.6	37.0
123	12.0	9.1	13.7





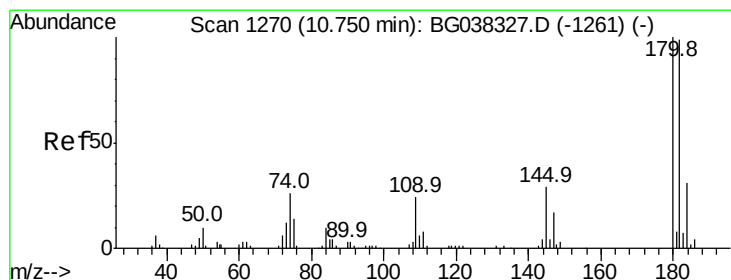
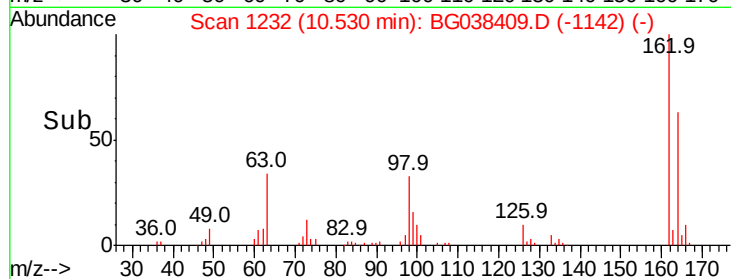
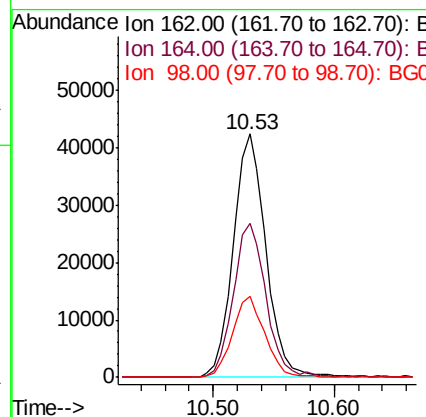
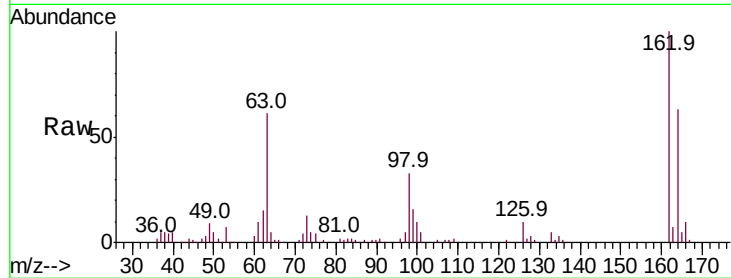
#29
 2,4-Dichlorophenol
 Concen: 49.286 ng
 RT: 10.53 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BG038409.D
 Acq: 7 Dec 2018 18:49

Instrument :
 BNA_G
 ClientSampleId :
 OR-01-120518-AMS

Tot Ion:	162	Resp:	79544
Ion Ratio	Lower	Upper	
162	100		
164	63.1	43.2	83.2
98	33.2	16.0	56.0

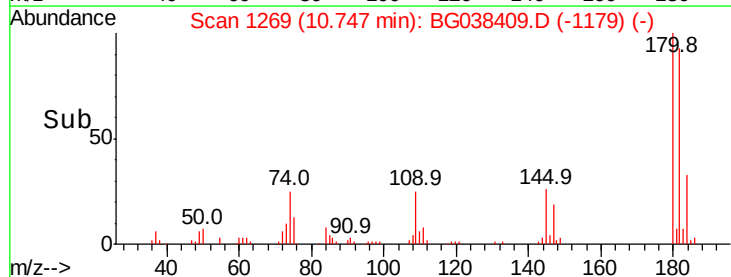
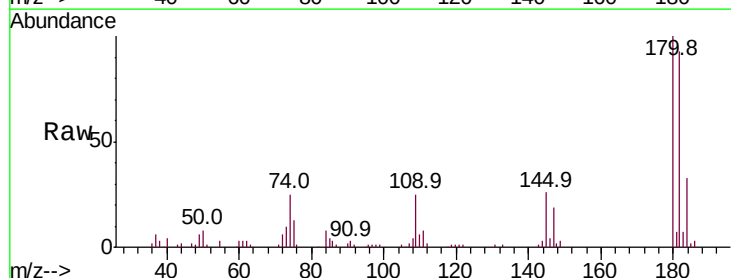
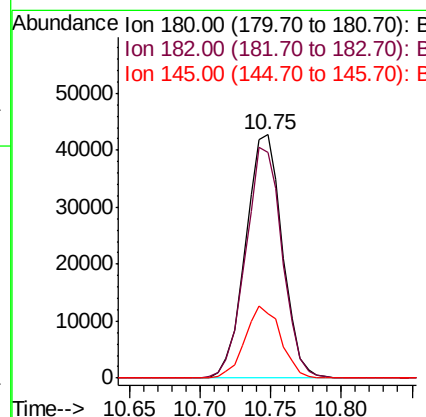
Manual Integrations
 APPROVED

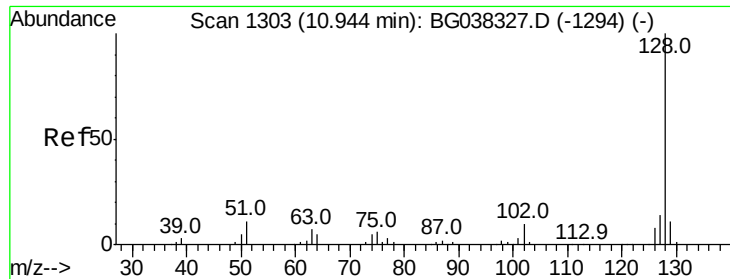
Sohil
 12/11/2018 10:30:29 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 41.039 ng
 RT: 10.75 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: BG038409.D
 Acq: 7 Dec 2018 18:49

Tgt Ion:	180	Resp:	77751
Ion Ratio	Lower	Upper	
180	100		
182	92.8	77.7	116.5
145	26.2	23.3	34.9





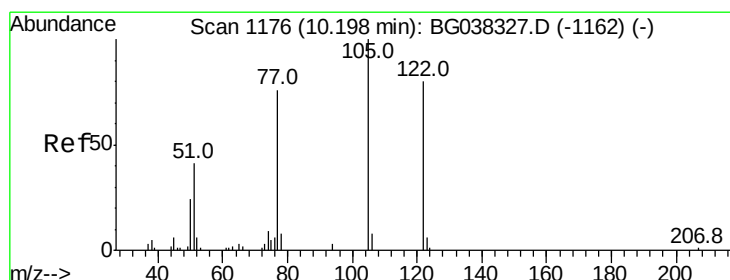
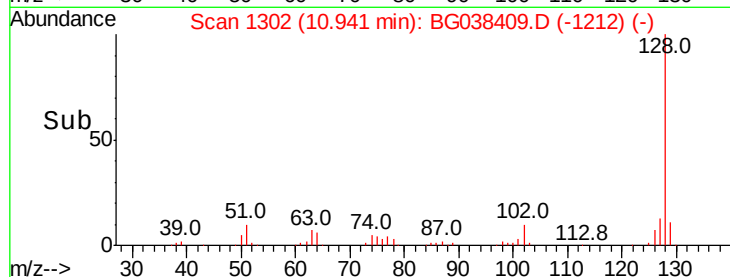
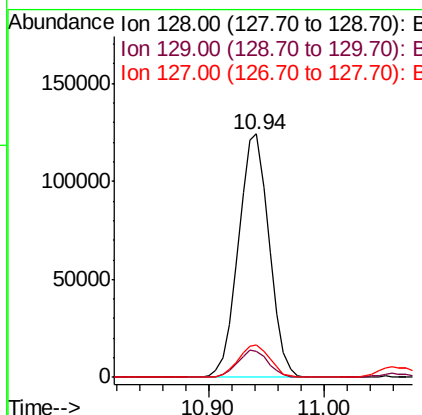
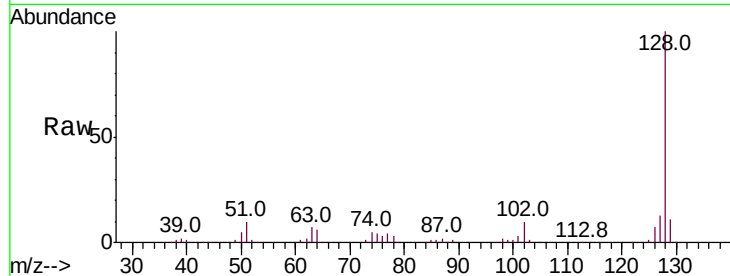
#31
Naphthalene
Concen: 46.136 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BG038409.D
Acq: 7 Dec 2018 18:49

Instrument :
BNA_G
ClientSampleId :
OR-01-120518-AMS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.0	13.6
127	13.4	11.1	16.7

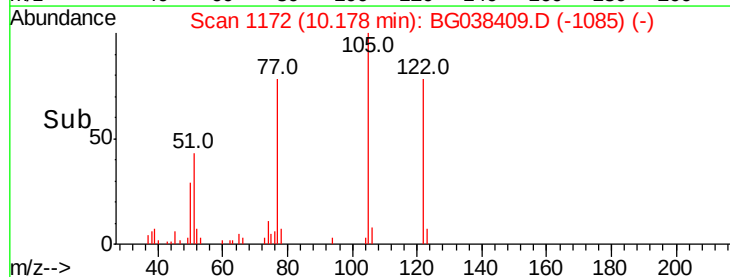
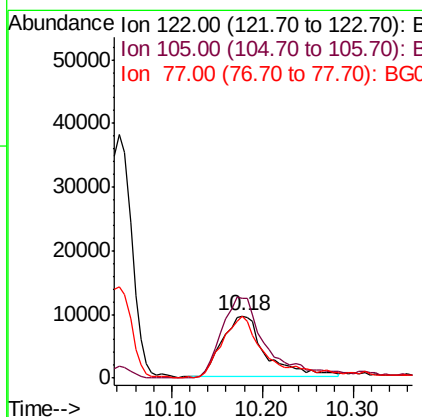
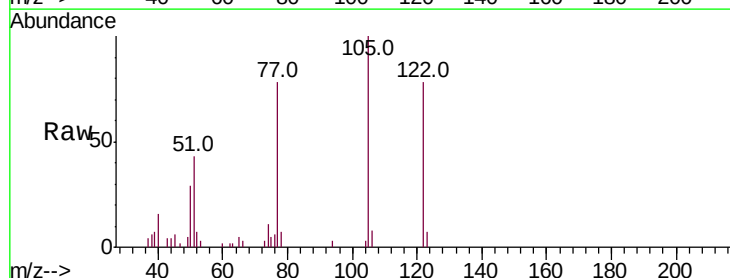
Manual Integrations
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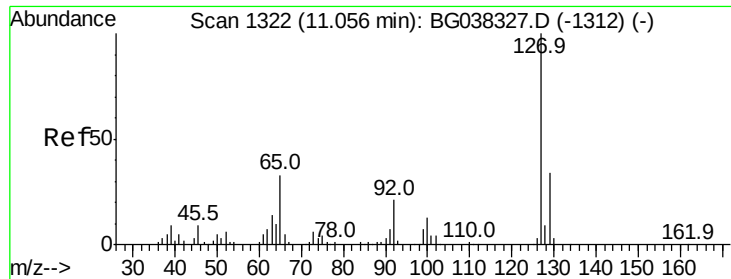
Sohil
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#32
Benzoic acid
Concen: 33.750 ng
RT: 10.18 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BG038409.D
Acq: 7 Dec 2018 18:49

Tgt Ion	Ratio	Lower	Upper
122	100		
105	128.3	106.7	146.7
77	99.7	72.2	112.2





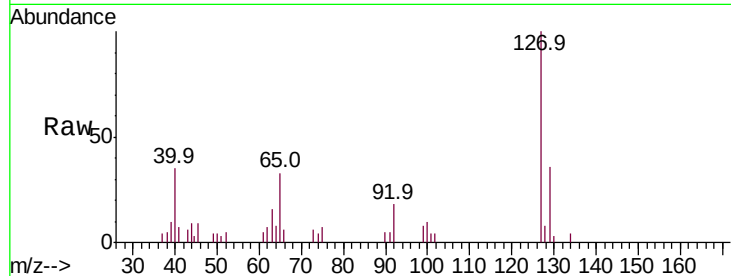
#33
4-Chloroaniline
Concen: 5.816 ng
RT: 11.06 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BG038409.D
Acq: 7 Dec 2018 18:49

Instrument :
BNA_G
ClientSampleId :
OR-01-120518-AMS

Tot Ion	Ratio	Lower	Upper
127	100		
129	35.6	27.1	40.7
65	33.0	26.6	39.8
92	17.8	16.4	24.6

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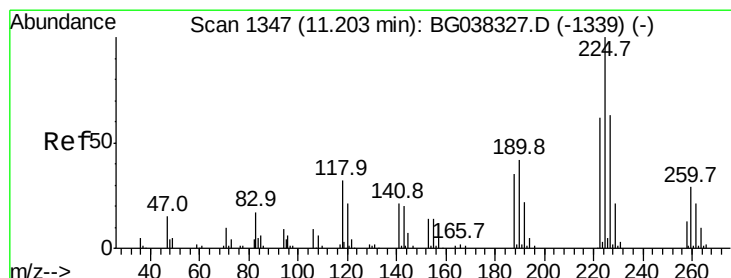
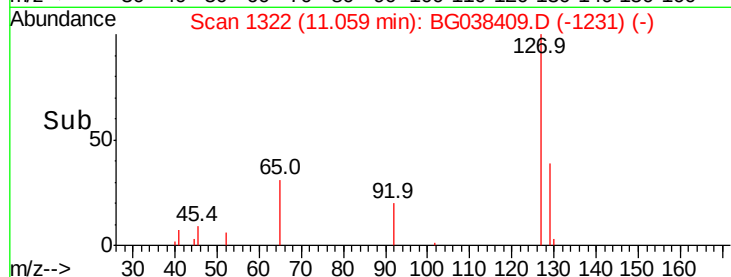
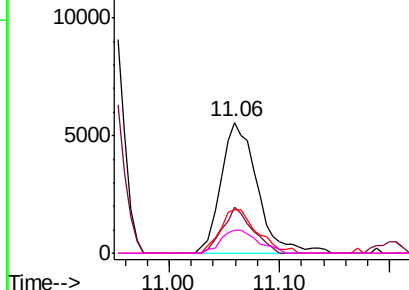
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

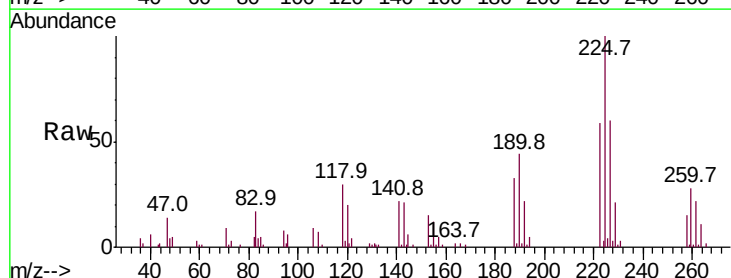
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 41.339 ng
RT: 11.20 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BG038409.D
Acq: 7 Dec 2018 18:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	57.3	48.2	72.4
227	60.2	51.6	77.4

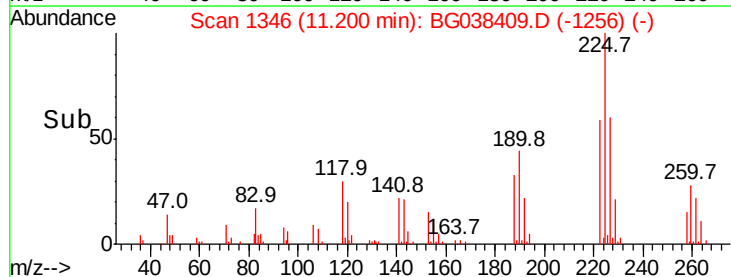
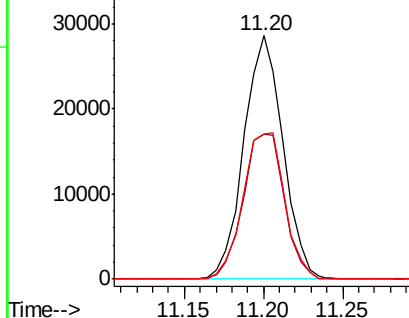


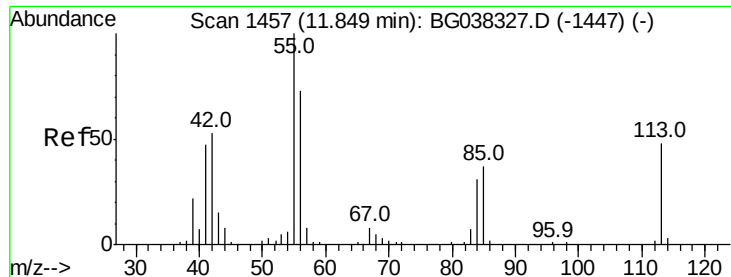
Abundance

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





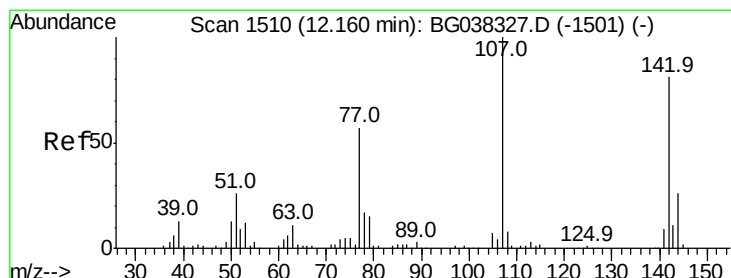
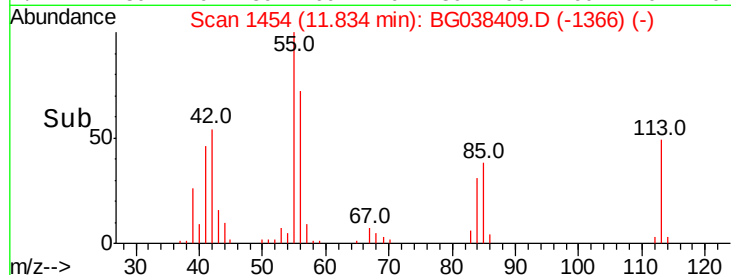
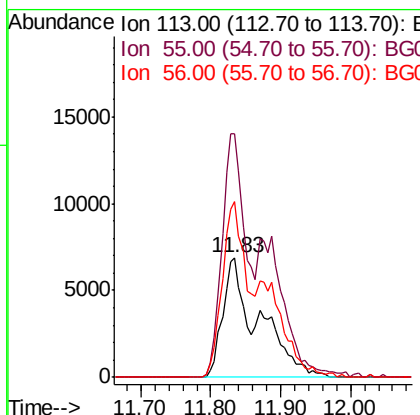
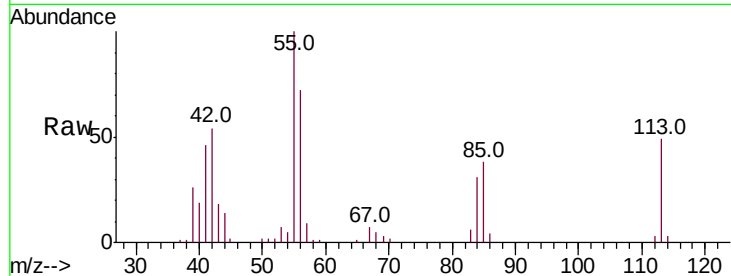
#35
 Caprolactam
 Concen: 36.992 ng/ml
 RT: 11.83 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BG038409.D
 Acq: 7 Dec 2018 18:49

Instrument :
 BNA_G
 ClientSampleID :
 OR-01-120518-AMS

Tot Ion	Ratio	Lower	Upper
113	100		
55	202.9	176.6	216.6
56	146.4	128.3	168.3

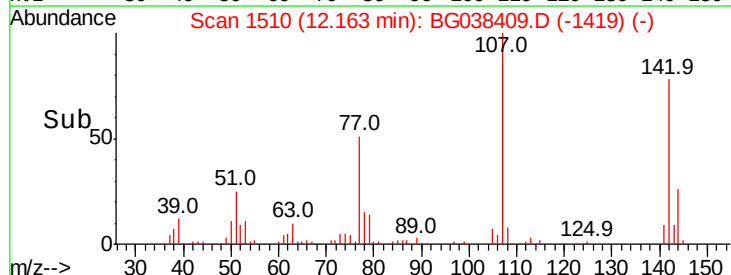
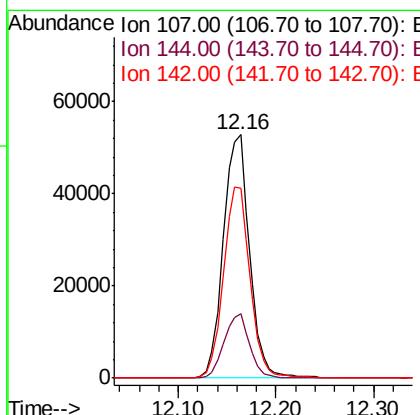
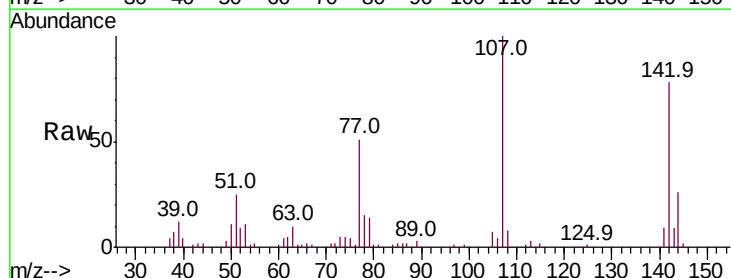
Manual Integrations
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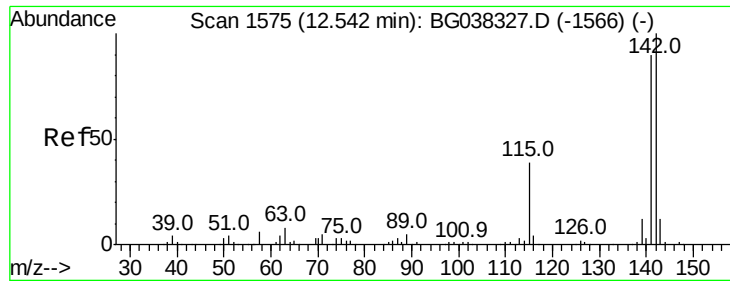
Sohil
 12/11/2018 10:30:29 AM



#36
 4-Chloro-3-methylphenol
 Concen: 54.847 ng/ml
 RT: 12.16 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: BG038409.D
 Acq: 7 Dec 2018 18:49

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.4	20.7	31.1
142	77.8	64.4	96.6





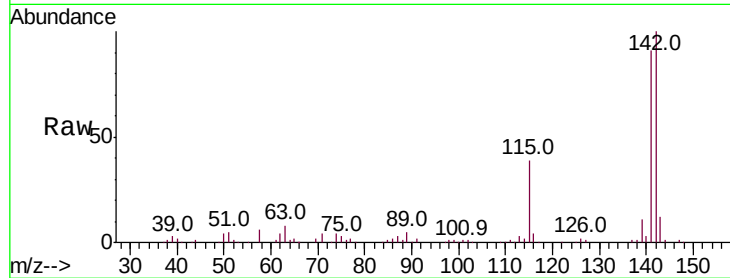
#37
2-Methylnaphthalene
Concen: 50.229 ng
RT: 12.54 min Scan# 1574
Delta R.T. -0.00 min
Lab File: BG038409.D
Acq: 7 Dec 2018 18:49

Instrument :
BNA_G
ClientSampleId :
OR-01-120518-AMS

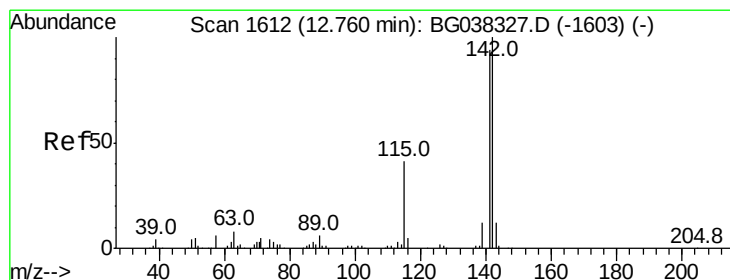
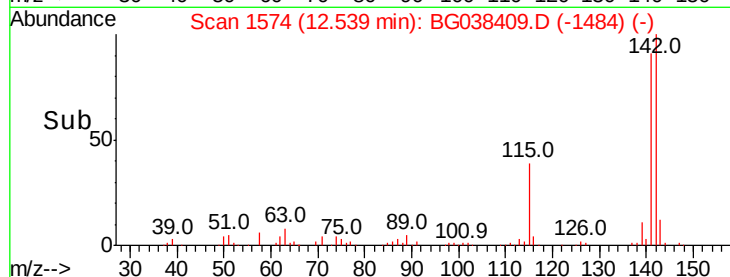
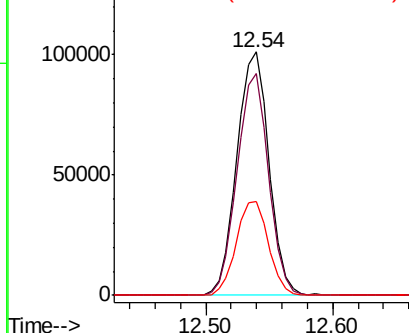
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.0	71.9	107.9
115	38.6	27.8	41.8

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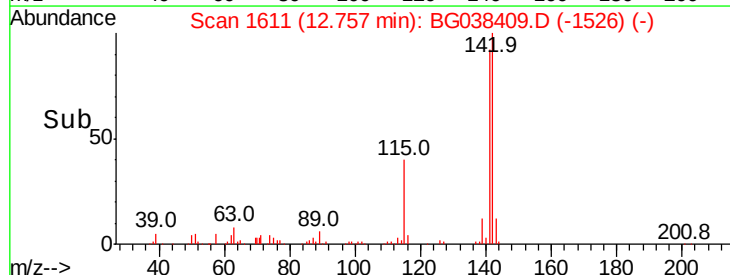
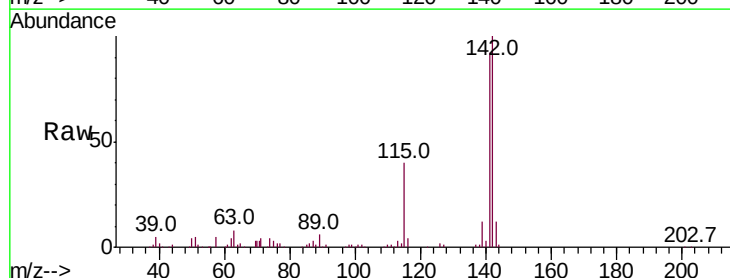
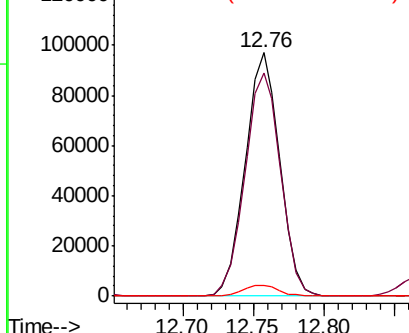
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

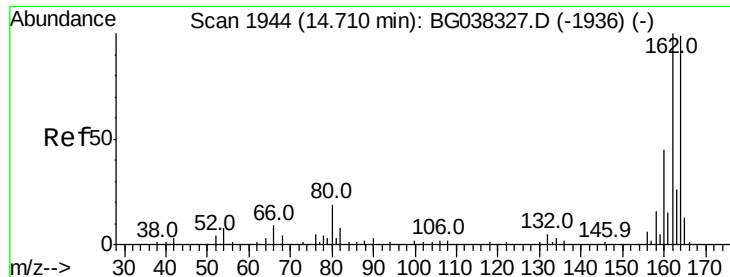


#38
1-Methylnaphthalene
Concen: 49.077 ng
RT: 12.76 min Scan# 1611
Delta R.T. -0.00 min
Lab File: BG038409.D
Acq: 7 Dec 2018 18:49

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.7	75.2	112.8
116	4.2	3.3	4.9

Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





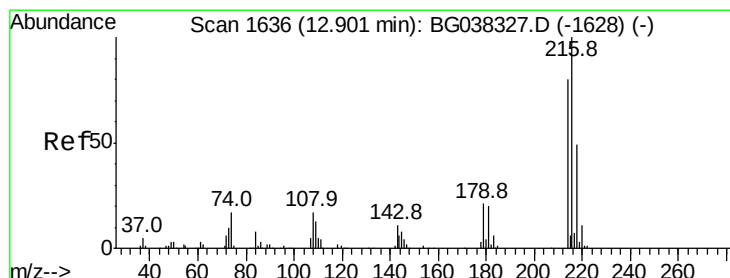
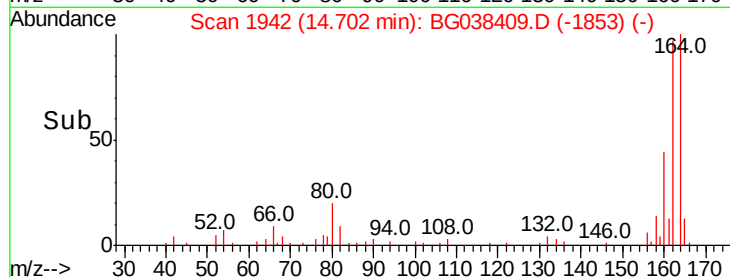
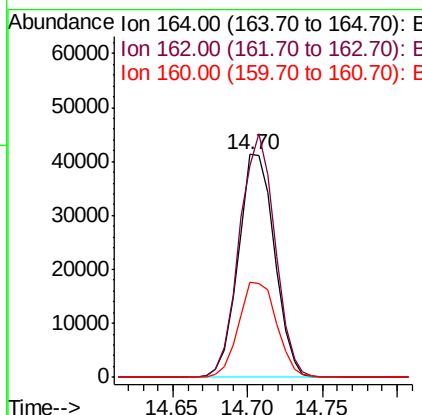
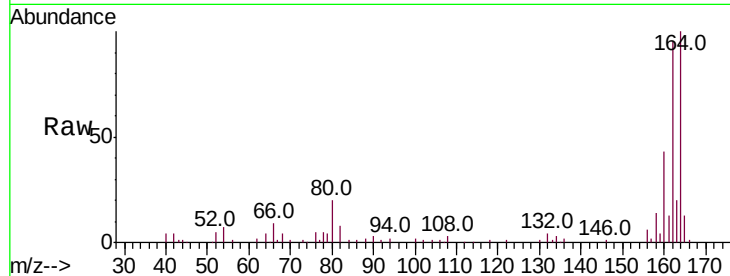
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1942
Delta R.T. -0.01 min
Lab File: BG038409.D
Acq: 7 Dec 2018 18:49

Instrument :
BNA_G
ClientSampleId :
OR-01-120518-AMS

Tot Ion	Ratio	Lower	Upper
164	100		
162	95.0	81.3	121.9
160	42.8	36.3	54.5

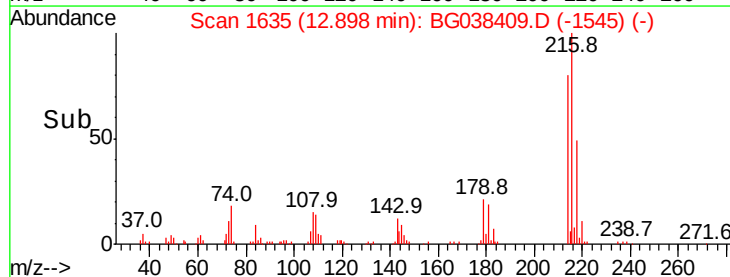
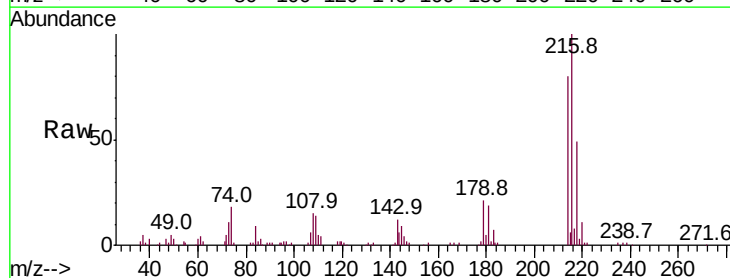
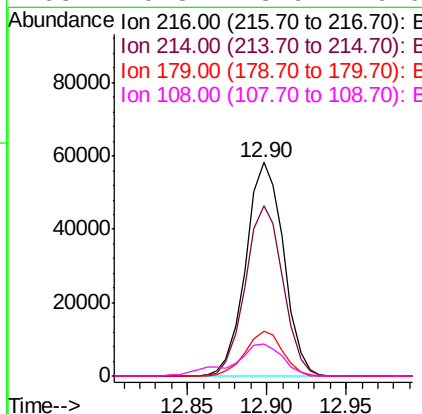
Manual Integrations
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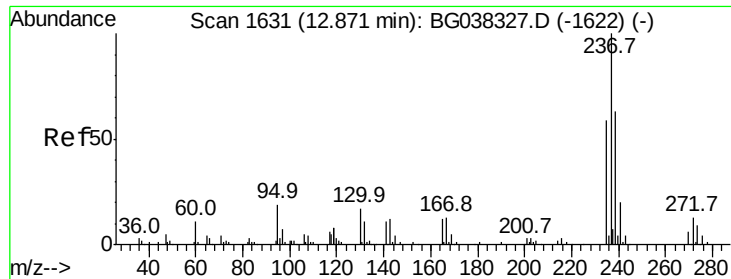
Sohil
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.298 ng
RT: 12.90 min Scan# 1635
Delta R.T. -0.00 min
Lab File: BG038409.D
Acq: 7 Dec 2018 18:49

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.8	95.6
179	20.6	17.4	26.0
108	19.3	13.9	20.9





#41

Hexachlorocyclopentadiene

Concen: 88.424 ng

RT: 12.86 min Scan# 1629

Delta R.T. -0.01 min

Lab File: BG038409.D

Acq: 7 Dec 2018 18:49

Instrument :

BNA_G

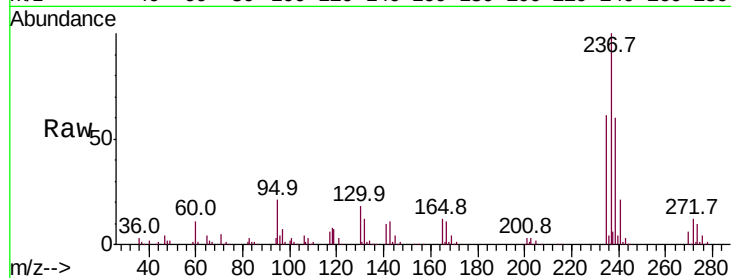
ClientSampleId :

OR-01-120518-AMS

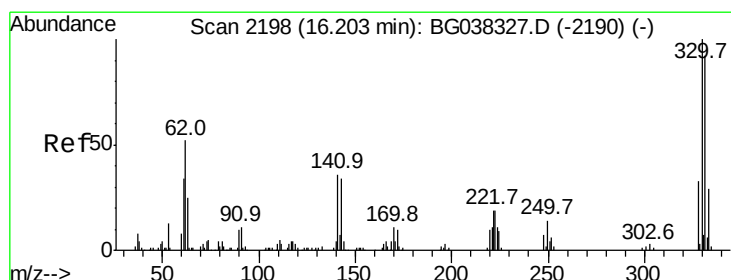
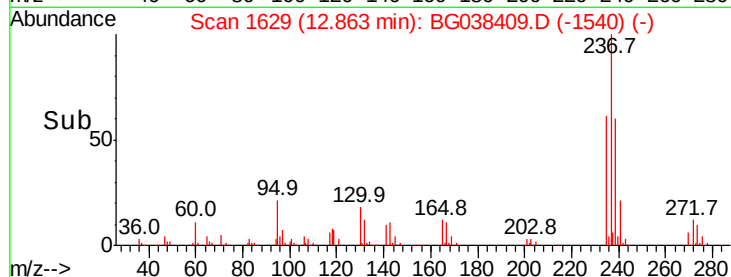
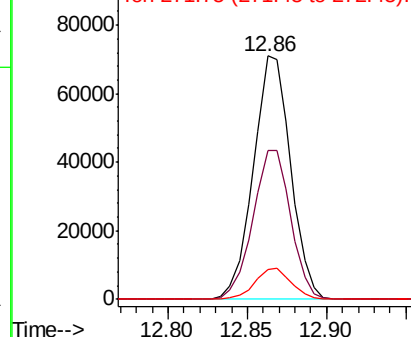
Tot Ion:	237	Resp:	116010
Ion Ratio	Lower	Upper	
237	100		
235	61.4	42.5	82.5
272	12.3	0.0	31.6

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



#42

2,4,6-Tribromophenol

Concen: 133.144 ng

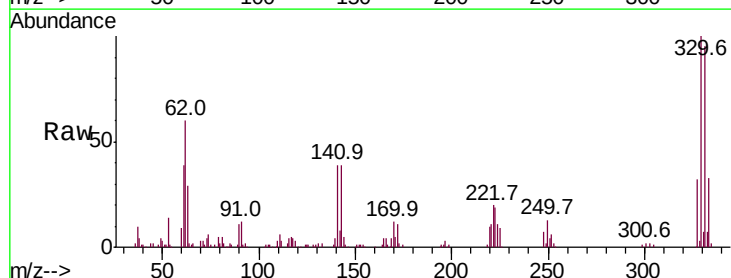
RT: 16.19 min Scan# 2196

Delta R.T. -0.01 min

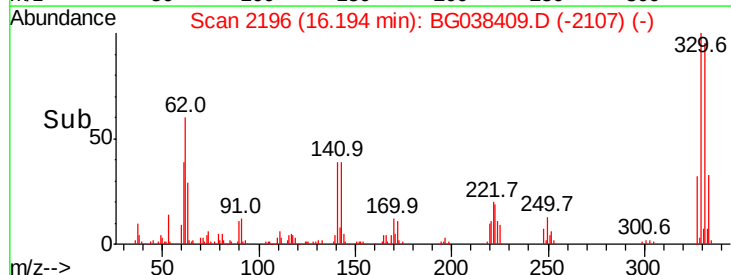
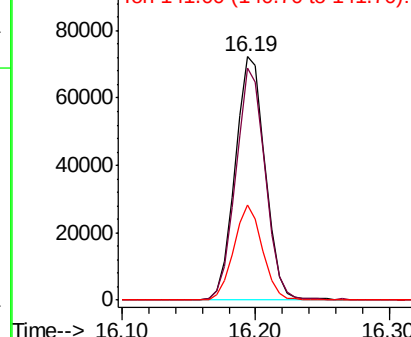
Lab File: BG038409.D

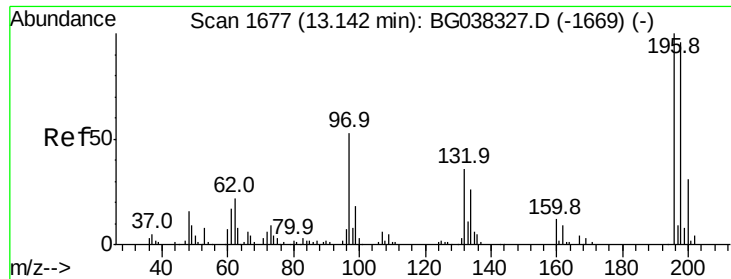
Acq: 7 Dec 2018 18:49

Tgt Ion:	330	Resp:	113404
Ion Ratio	Lower	Upper	
330	100		
332	93.3	78.4	117.6
141	37.4	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





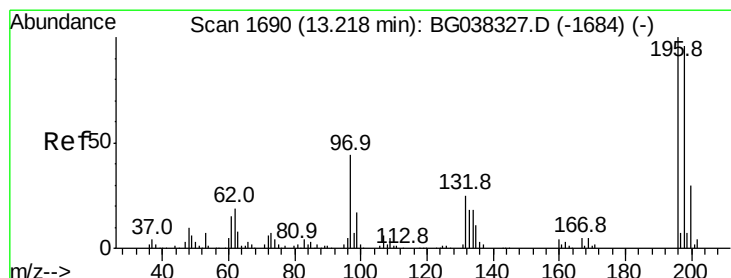
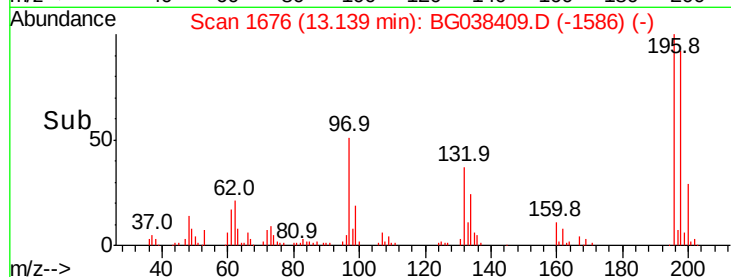
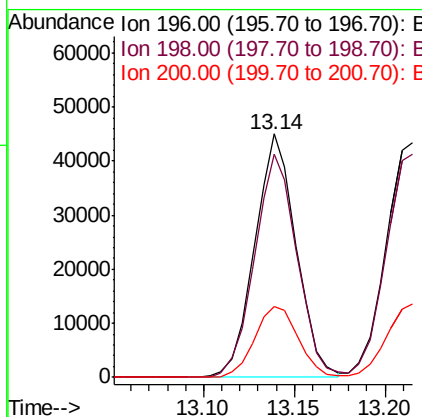
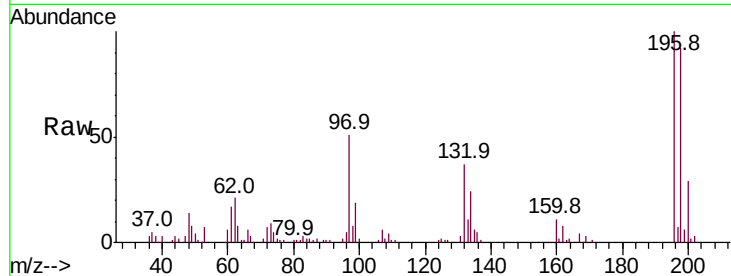
#43
 2,4,6-Trichlorophenol
 Concen: 45.982 ng
 RT: 13.14 min Scan# 1676
 Delta R.T. -0.00 min
 Lab File: BG038409.D
 Acq: 7 Dec 2018 18:49

Instrument :
 BNA_G
 ClientSampleId :
 OR-01-120518-AMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	71113		
198	91.6	76.4	114.6	
200	29.1	24.9	37.3	

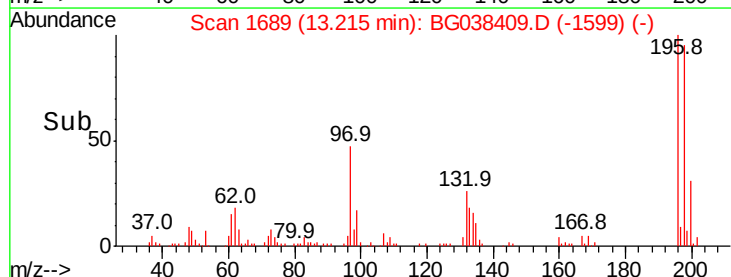
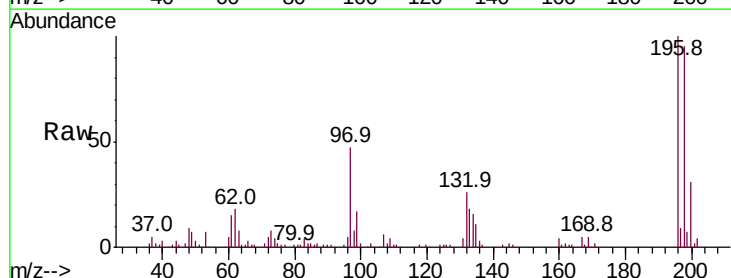
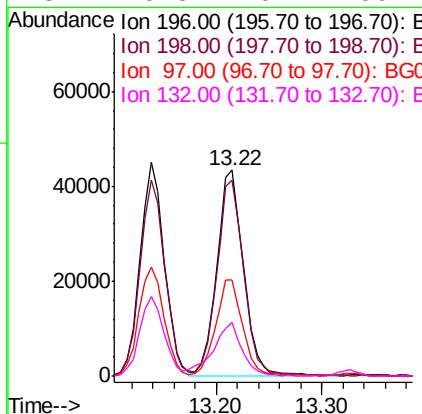
Manual Integrations
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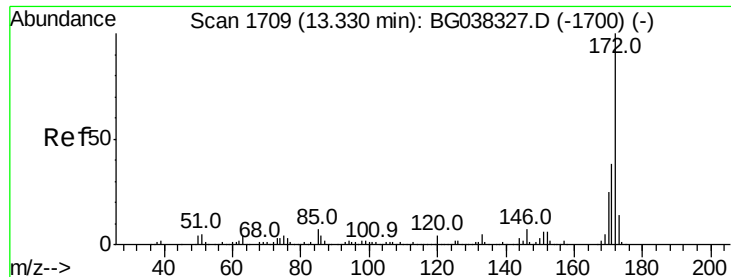
Sohil
 12/11/2018 10:30:29 AM



#44
 2,4,5-Trichlorophenol
 Concen: 46.841 ng
 RT: 13.22 min Scan# 1689
 Delta R.T. -0.00 min
 Lab File: BG038409.D
 Acq: 7 Dec 2018 18:49

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	76743		
198	95.1	74.2	111.2	
97	46.6	34.1	51.1	
132	26.3	20.2	30.4	





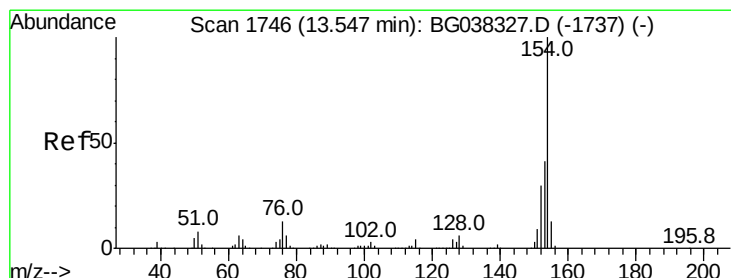
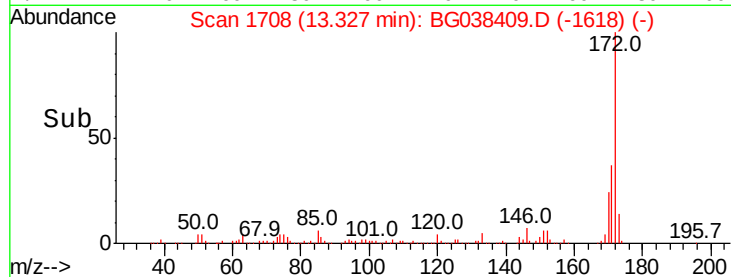
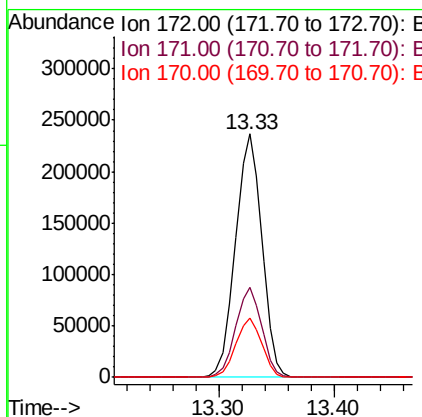
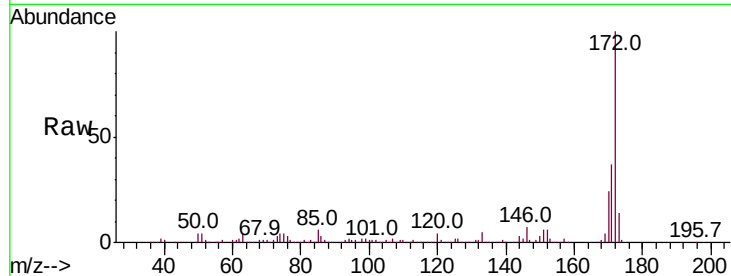
#45
2-Fluorobiphenyl
Concen: 76.669 ng
RT: 13.33 min Scan# 1708
Delta R.T. -0.00 min
Lab File: BG038409.D
Acq: 7 Dec 2018 18:49

Instrument :
BNA_G
ClientSampleId :
OR-01-120518-AMS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	31.0	46.4
170	24.1	20.2	30.2

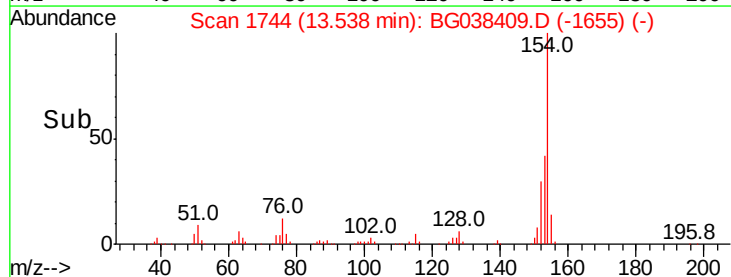
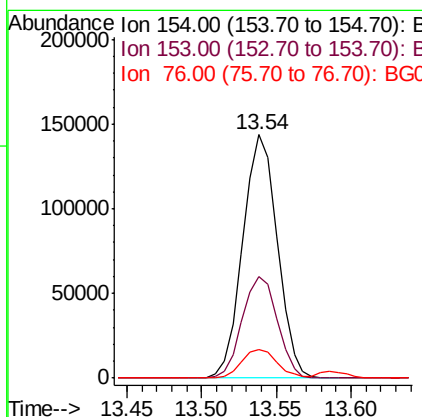
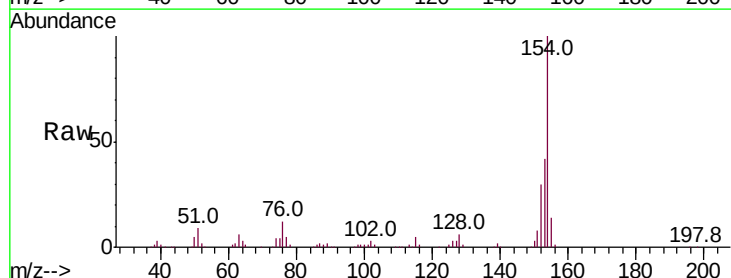
Manual Integrations
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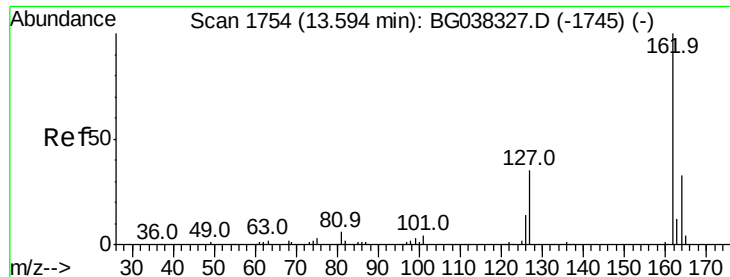
Sohil
12/11/2018 10:30:29 AM



#46
1,1'-Biphenyl
Concen: 39.211 ng
RT: 13.54 min Scan# 1744
Delta R.T. -0.01 min
Lab File: BG038409.D
Acq: 7 Dec 2018 18:49

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.8	22.1	62.1
76	11.5	0.0	33.2





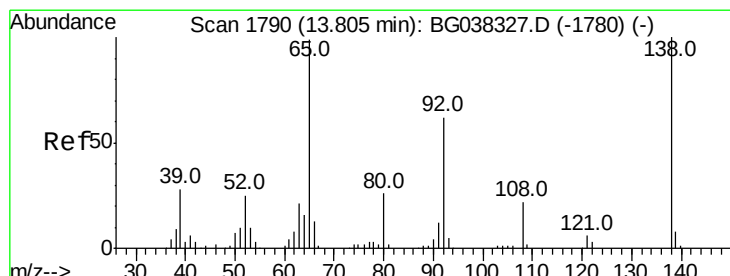
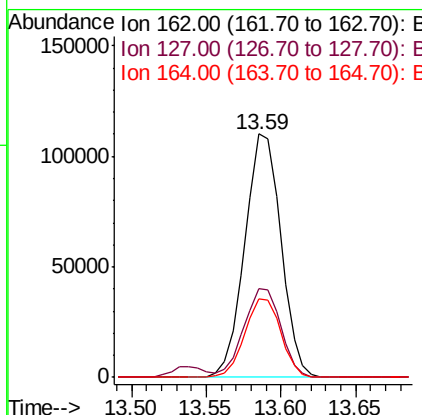
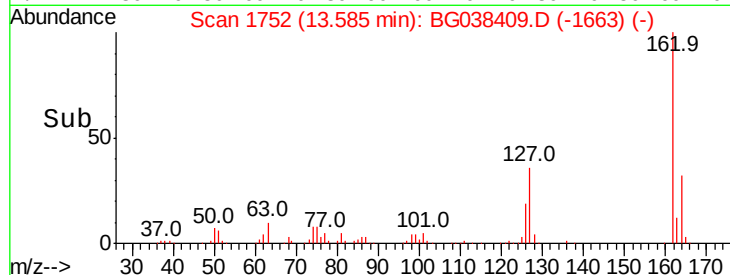
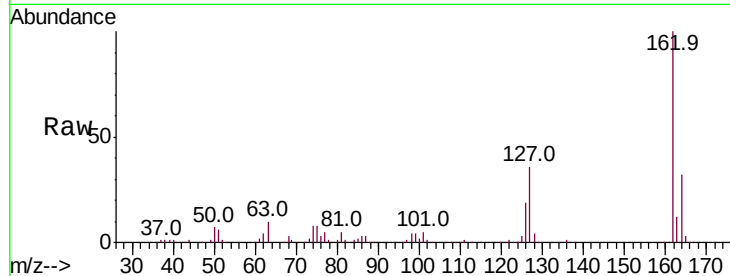
#47
 2-Chloronaphthalene
 Concen: 41.716 ng
 RT: 13.59 min Scan# 1752
 Delta R.T. -0.01 min
 Lab File: BG038409.D
 Acq: 7 Dec 2018 18:49

Instrument :
 BNA_G
 ClientSampleId :
 OR-01-120518-AMS

Tot Ion:	162	Resp:	184615
Ion Ratio		Lower	Upper
162	100		
127	36.2	30.5	45.7
164	32.3	26.4	39.6

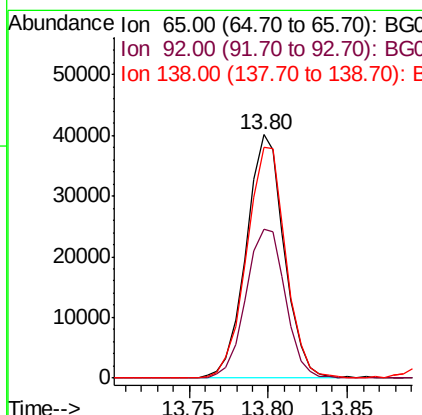
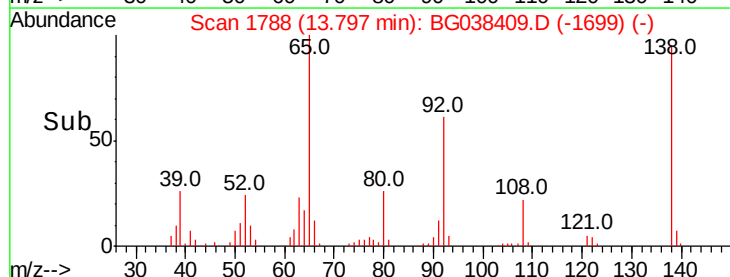
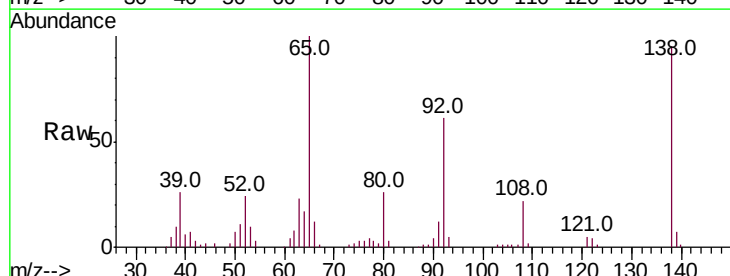
Manual Integrations
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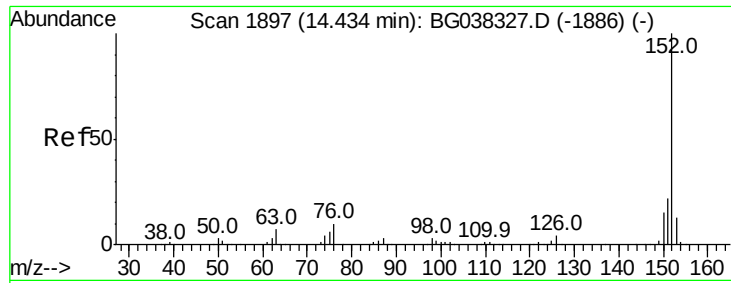
Sohil
 12/11/2018 10:30:29 AM



#48
 2-Nitroaniline
 Concen: 44.933 ng
 RT: 13.80 min Scan# 1788
 Delta R.T. -0.01 min
 Lab File: BG038409.D
 Acq: 7 Dec 2018 18:49

Tgt Ion:	65	Resp:	66712
Ion Ratio		Lower	Upper
65	100		
92	60.9	53.2	79.8
138	94.9	79.3	118.9





#49

Acenaphthylene

Concen: 45.951 ng

RT: 14.43 min Scan# 1896

Delta R.T. -0.00 min

Lab File: BG038409.D

Acq: 7 Dec 2018 18:49

Instrument :

BNA_G

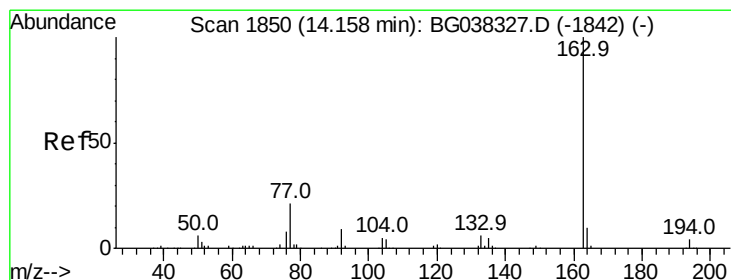
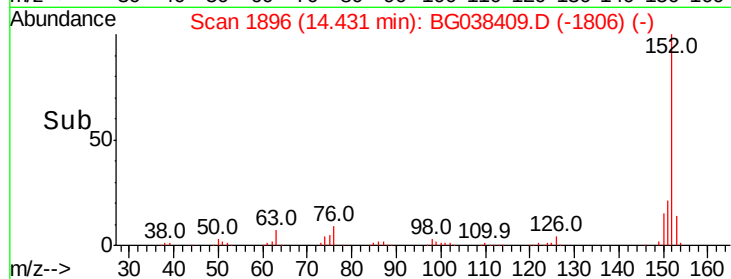
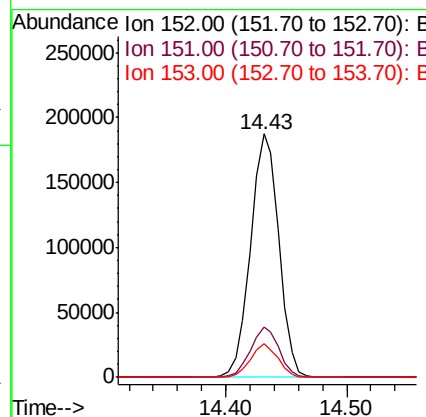
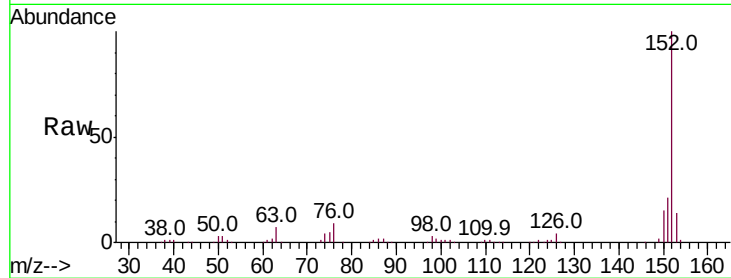
ClientSampleId :

OR-01-120518-AMS

Tot Ion:	152	Resp:	306271
Ion Ratio	Lower	Upper	
152	100		
151	20.9	17.1	25.7
153	13.7	11.1	16.7

Manual Integrations
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12/11/2018 10:30:29 AM



#50

Dimethylphthalate

Concen: 45.331 ng

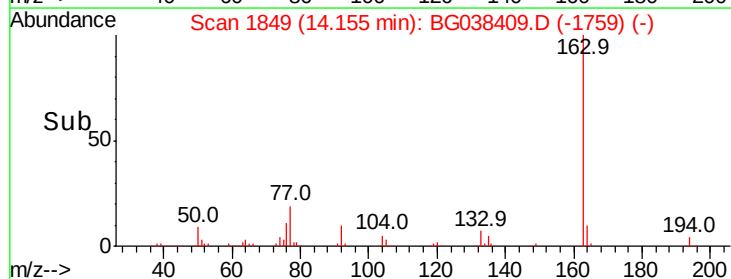
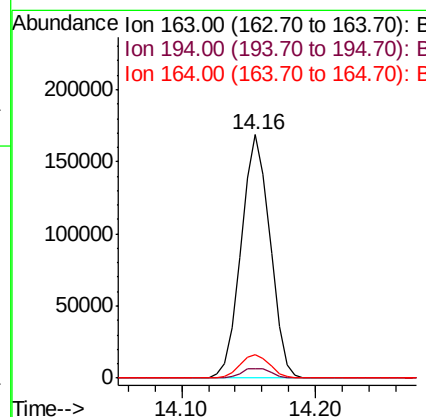
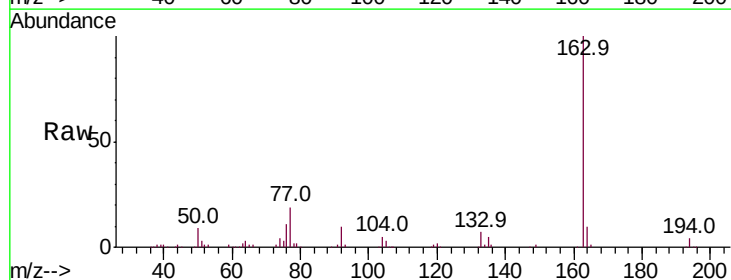
RT: 14.16 min Scan# 1849

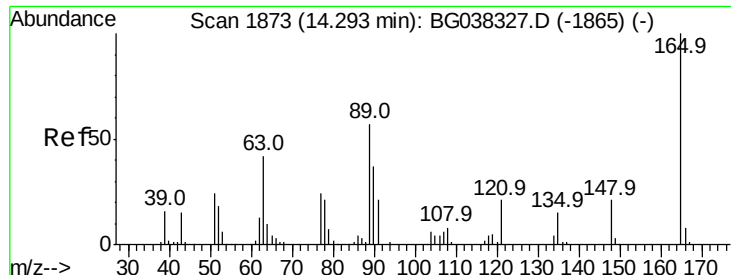
Delta R.T. -0.00 min

Lab File: BG038409.D

Acq: 7 Dec 2018 18:49

Tgt Ion:	163	Resp:	252264
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.5	5.3
164	9.8	8.5	12.7





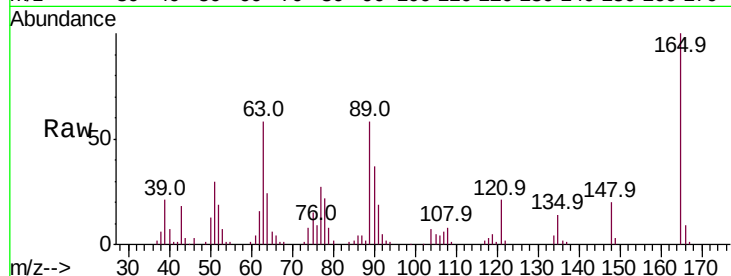
#51
 2,6-Dinitrotoluene
 Concen: 45.594 ng
 RT: 14.29 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: BG038409.D
 Acq: 7 Dec 2018 18:49

Instrument :
 BNA_G
 ClientSampleId :
 OR-01-120518-AMS

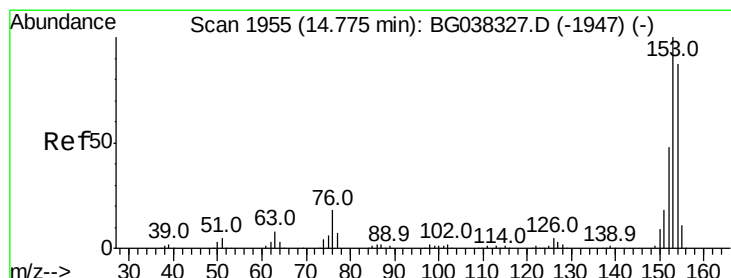
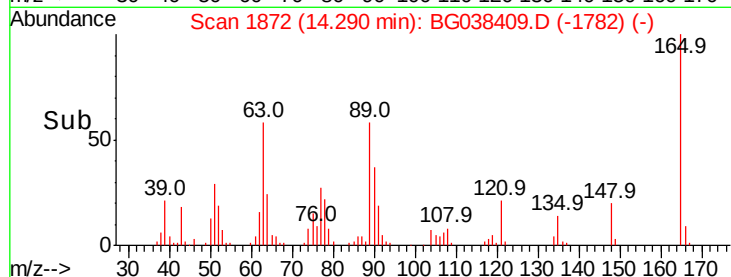
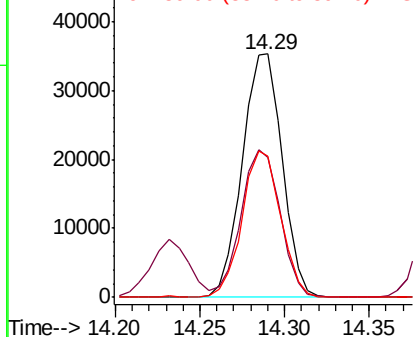
Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	57.5	43.4	65.2
89	58.2	45.8	68.6

Manual Integrations
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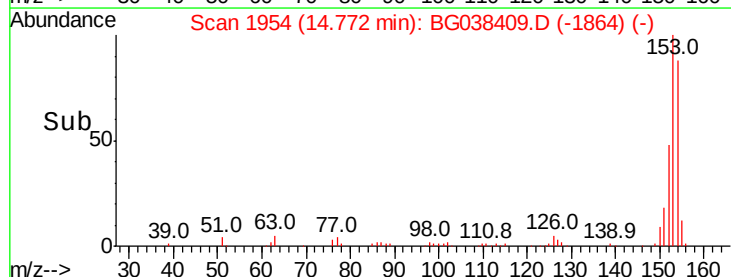
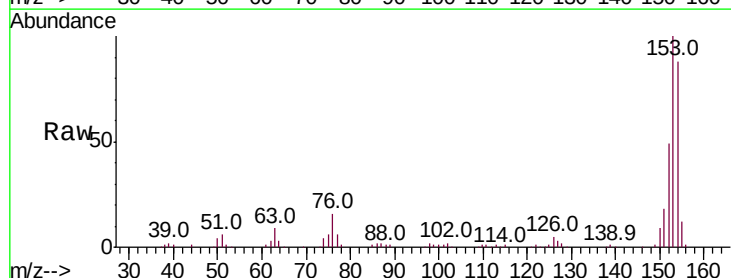
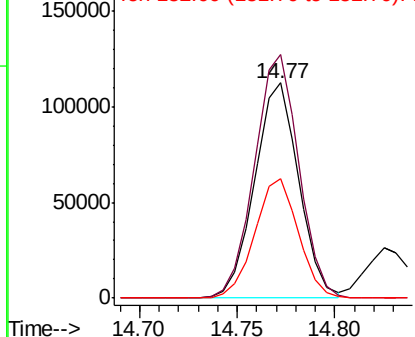
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

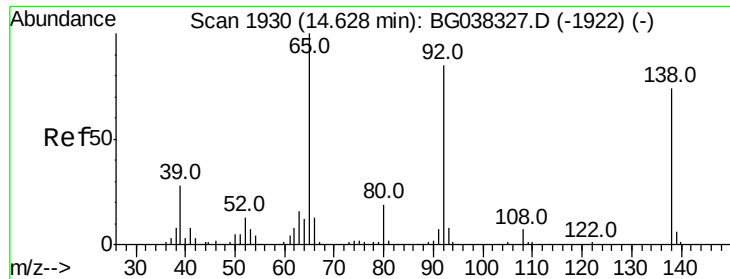


#52
 Acenaphthene
 Concen: 43.204 ng
 RT: 14.77 min Scan# 1954
 Delta R.T. -0.00 min
 Lab File: BG038409.D
 Acq: 7 Dec 2018 18:49

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	113.3	93.4	140.0
152	55.4	44.7	67.1

Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





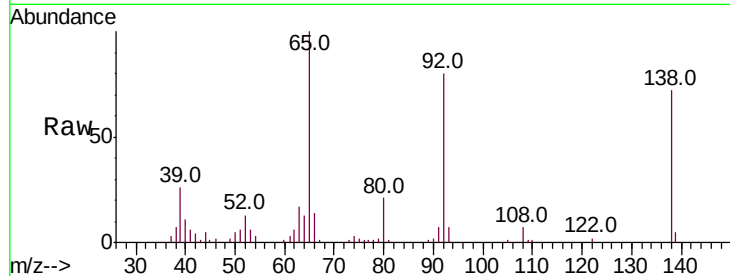
#53
3-Nitroaniline
Concen: 19.336 ng
RT: 14.63 min Scan# 1929
Delta R.T. -0.00 min
Lab File: BG038409.D
Acq: 7 Dec 2018 18:49

Instrument :
BNA_G
ClientSampleId :
OR-01-120518-AMS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.9	11.0	16.6#
92	110.9	95.2	142.8

Manual Integrations
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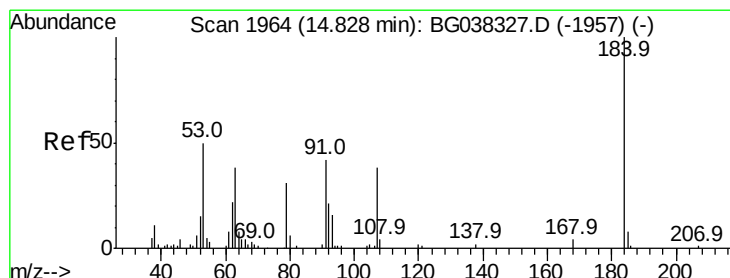
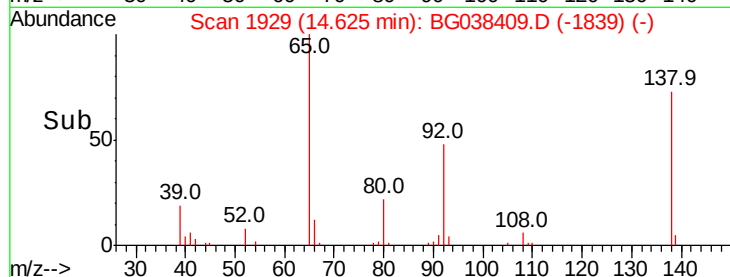
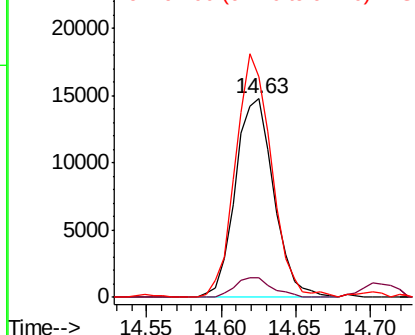


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54
2,4-Dinitrophenol
Concen: 98.034 ng
RT: 14.83 min Scan# 1963
Delta R.T. -0.00 min
Lab File: BG038409.D
Acq: 7 Dec 2018 18:49

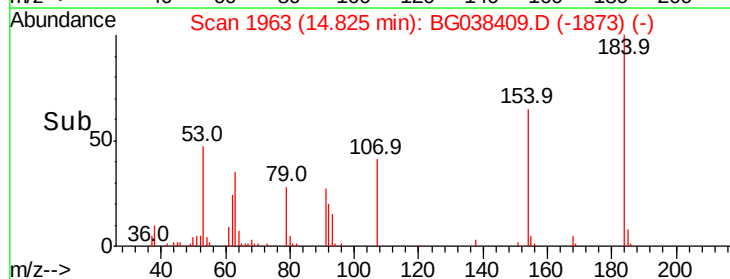
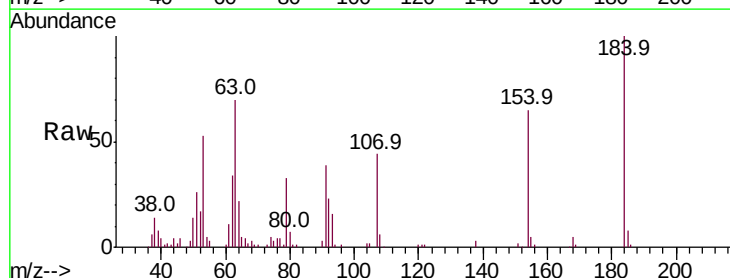
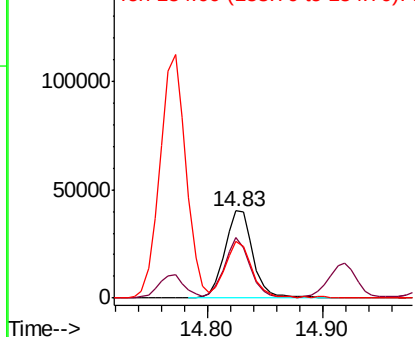
Tgt Ion	Ratio	Lower	Upper
184	100		
63	69.5	42.6	63.8#
154	64.9	41.8	62.6#

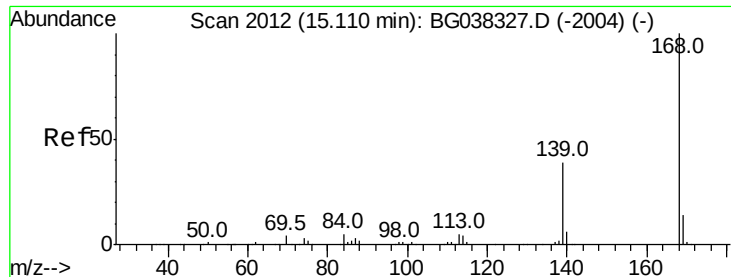
Abundance

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





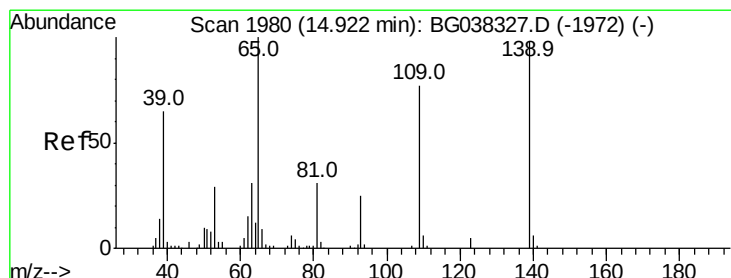
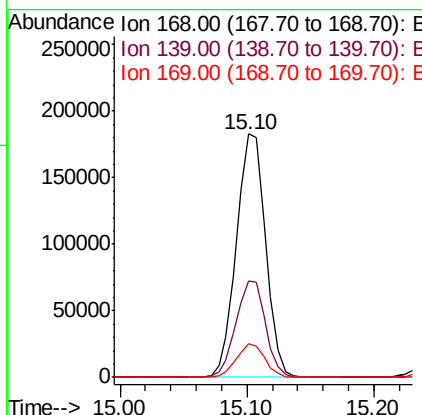
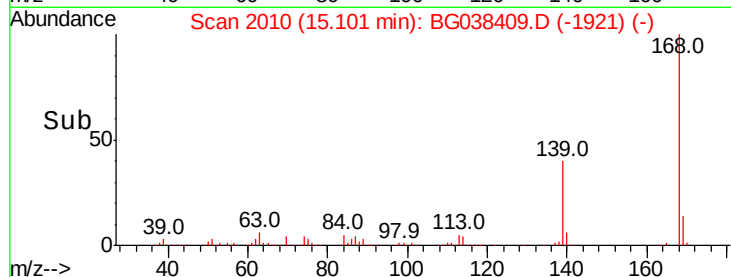
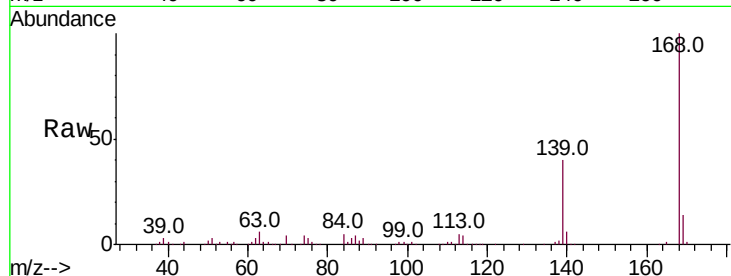
#55
Dibenzofuran
Concen: 43.273 ng
RT: 15.10 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BG038409.D
Acq: 7 Dec 2018 18:49

Instrument :
BNA_G
ClientSampleId :
OR-01-120518-AMS

Tot Ion	Ratio	Resp	Lower	Upper
168	100	290680		
139	39.7	29.4	44.0	
169	13.9	11.0	16.6	

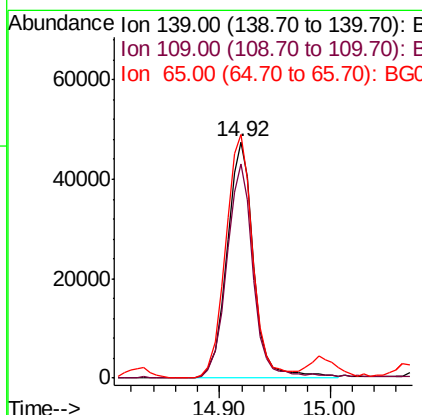
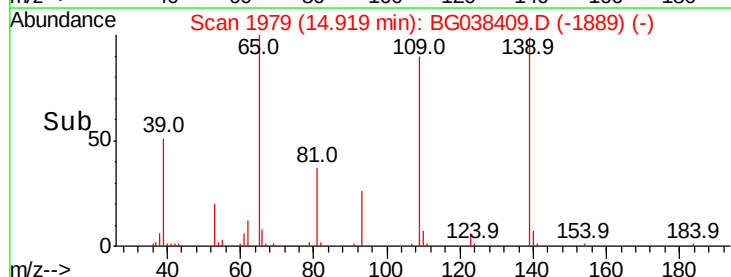
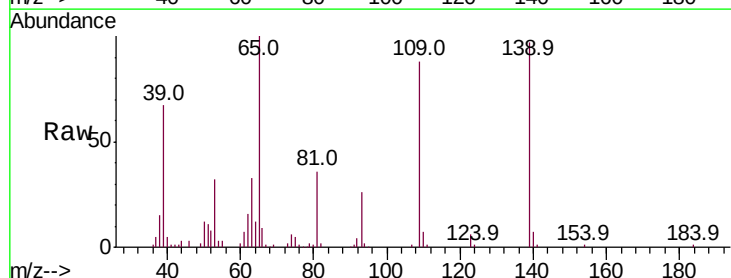
Manual Integrations
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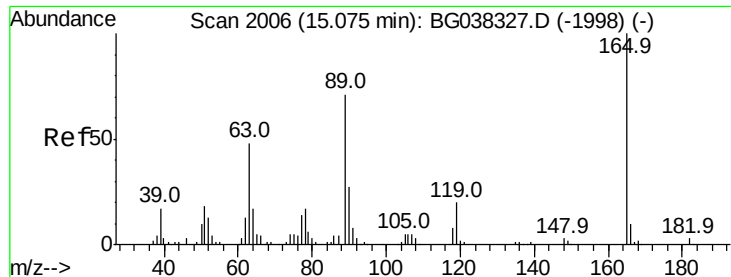
Sohil
12/11/2018 10:30:29 AM



#56
4-Nitrophenol
Concen: 74.069 ng
RT: 14.92 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BG038409.D
Acq: 7 Dec 2018 18:49

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	80105		
109	90.7	49.5	89.5#	
65	103.0	76.8	116.8	





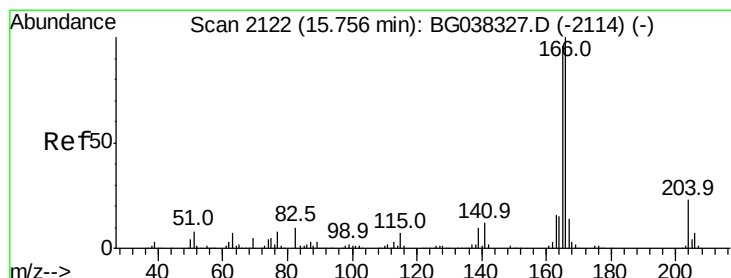
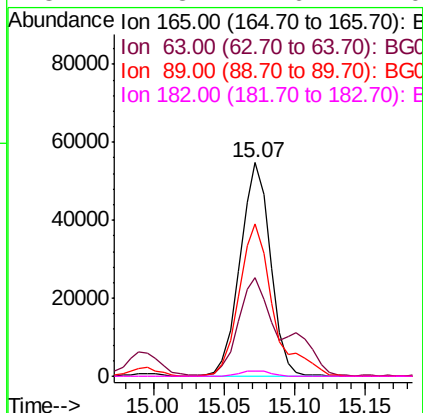
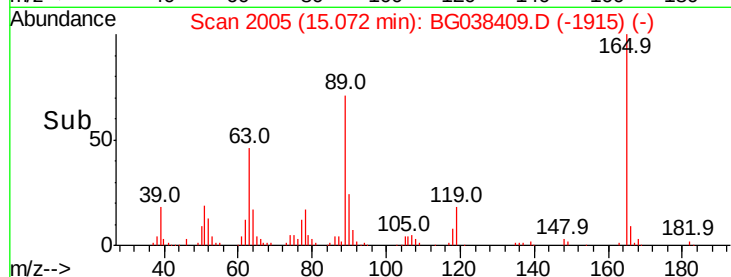
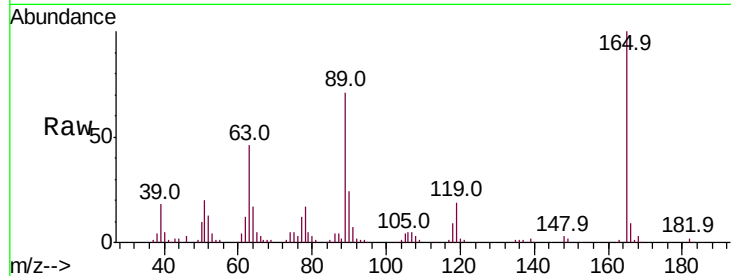
#57
2,4-Dinitrotoluene
Concen: 46.922 ng
RT: 15.07 min Scan# 2005
Delta R.T. -0.00 min
Lab File: BG038409.D
Acq: 7 Dec 2018 18:49

Instrument :
BNA_G
ClientSampleId :
OR-01-120518-AMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	46.4	33.4	50.0	
89	71.1	57.2	85.8	
182	2.3	2.6	4.0	

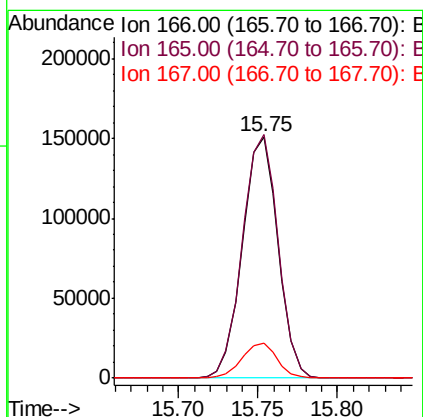
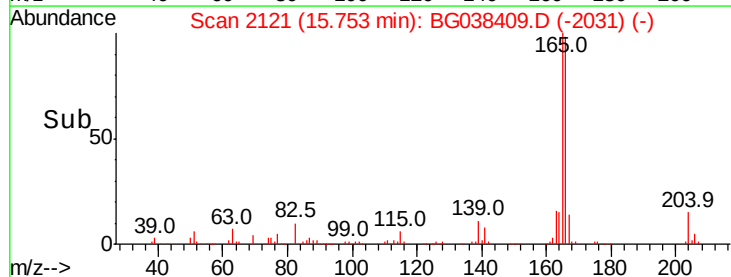
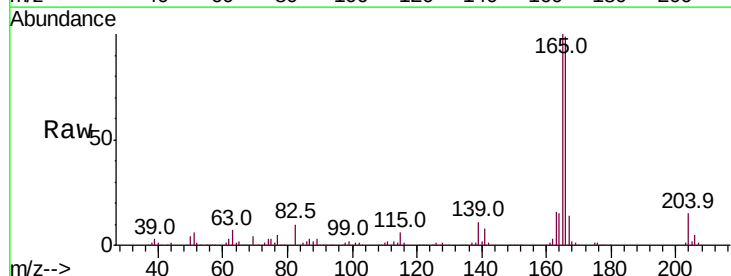
Manual Integrations
APPROVED

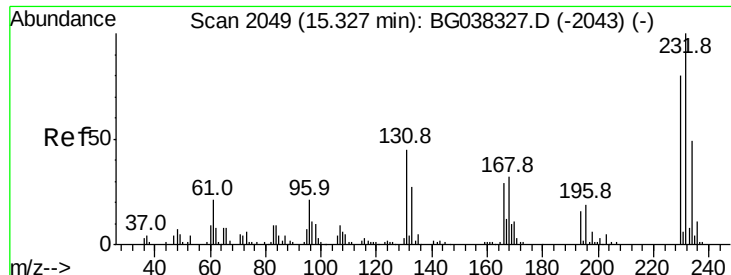
Sohil
12/11/2018 10:30:29 AM



#58
Fluorene
Concen: 47.464 ng
RT: 15.75 min Scan# 2121
Delta R.T. -0.00 min
Lab File: BG038409.D
Acq: 7 Dec 2018 18:49

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	100.9	79.0	118.6	
167	14.4	11.3	16.9	





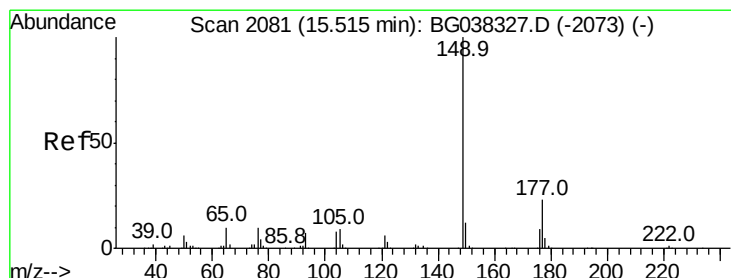
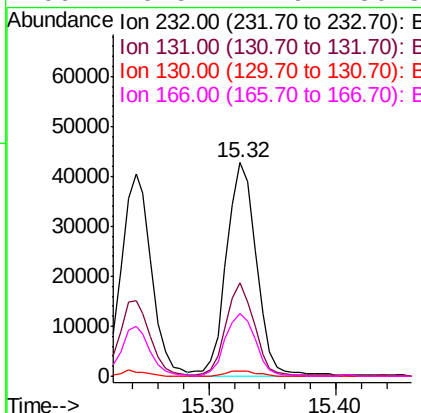
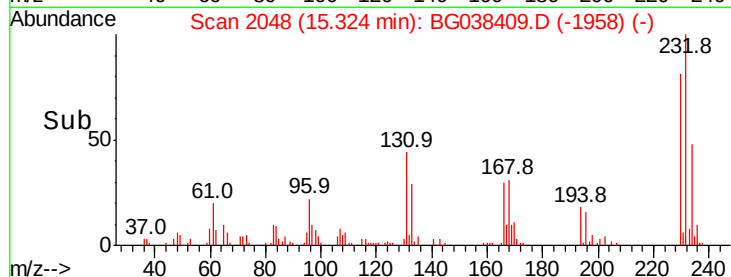
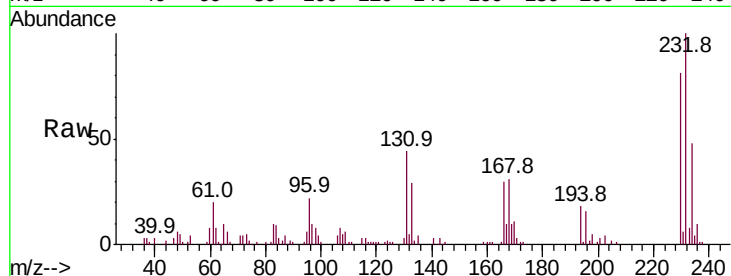
#59
2,3,4,6-Tetrachlorophenol
Concen: 49.553 ng
RT: 15.32 min Scan# 2048
Delta R.T. -0.00 min
Lab File: BG038409.D
Acq: 7 Dec 2018 18:49

Instrument :
BNA_G
ClientSampleId :
OR-01-120518-AMS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	70511		
131	41.8		33.7	50.5
130	2.5		2.1	3.1
166	29.5		24.6	36.8

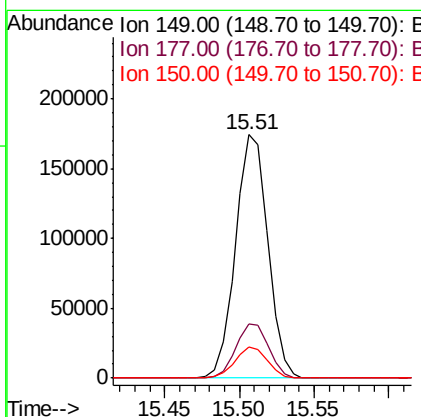
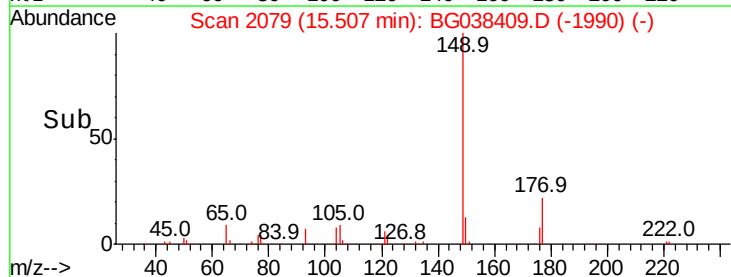
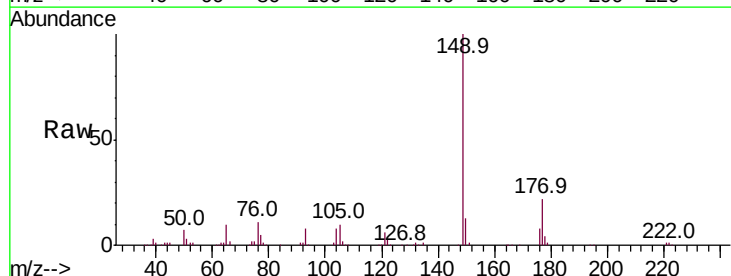
Manual Integrations
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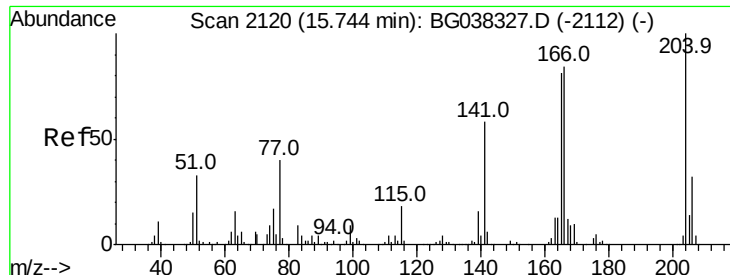
Sohil
12/11/2018 10:30:29 AM



#60
Diethylphthalate
Concen: 42.536 ng
RT: 15.51 min Scan# 2079
Delta R.T. -0.01 min
Lab File: BG038409.D
Acq: 7 Dec 2018 18:49

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	262245		
177	22.2		18.3	27.5
150	12.9		10.0	15.0





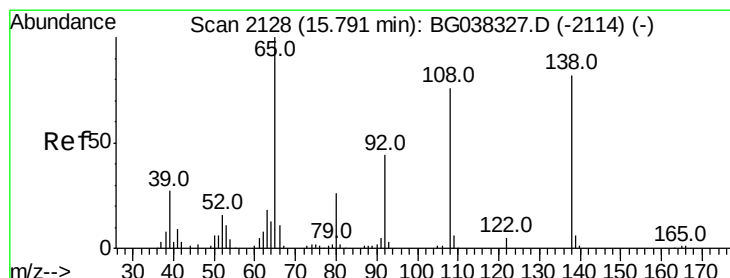
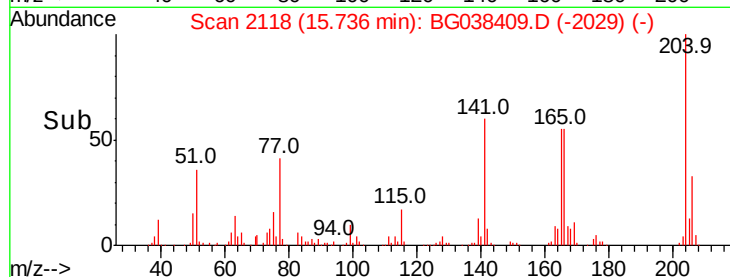
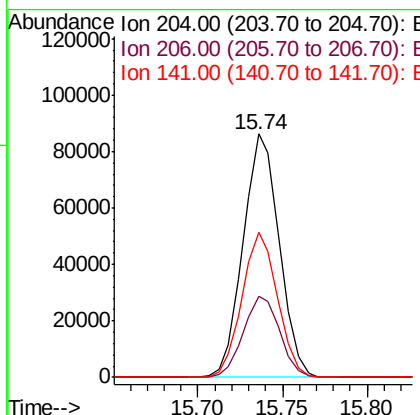
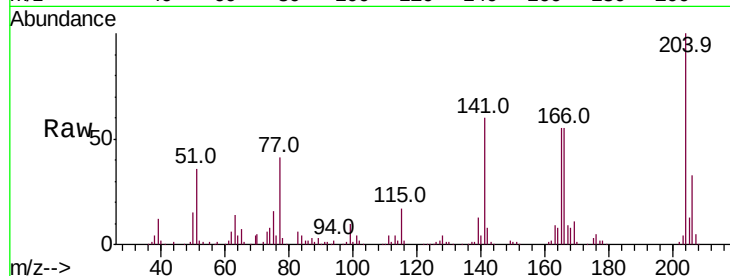
#61
 4-Chlorophenyl-phenylether
 Concen: 43.087 ng
 RT: 15.74 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: BG038409.D
 Acq: 7 Dec 2018 18:49

Instrument :
 BNA_G
 ClientSampleId :
 OR-01-120518-AMS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.6	39.8
141	59.5	45.4	68.2

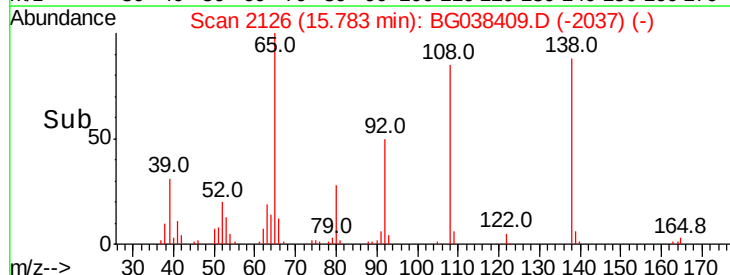
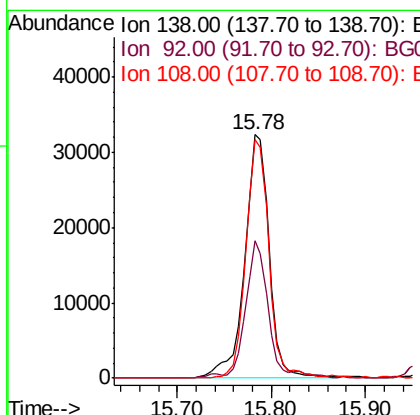
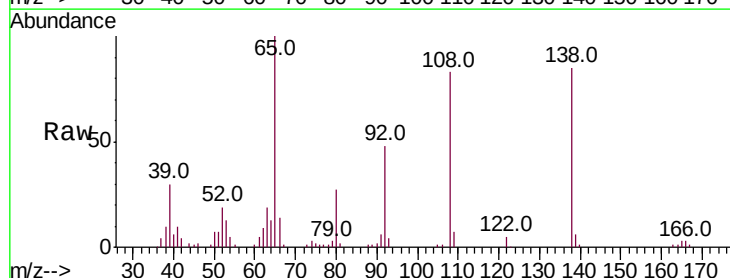
Manual Integrations
 APPROVED

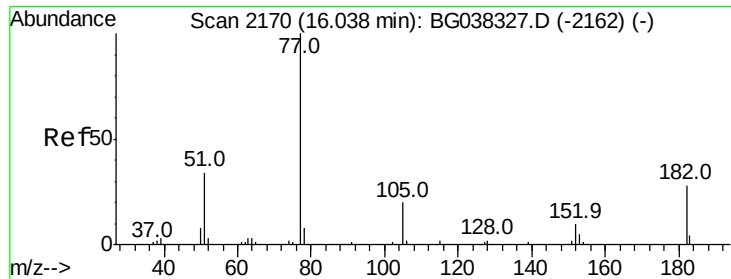
Sohil
 12/11/2018 10:30:29 AM



#62
 4-Nitroaniline
 Concen: 43.379 ng
 RT: 15.78 min Scan# 2126
 Delta R.T. -0.01 min
 Lab File: BG038409.D
 Acq: 7 Dec 2018 18:49

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.6	36.4	76.4
108	97.9	60.1	100.1





#63

Azobenzene

Concen: 43.292 ng

RT: 16.03 min Scan# 2168

Delta R.T. -0.01 min

Lab File: BG038409.D

Acq: 7 Dec 2018 18:49

Instrument :

BNA_G

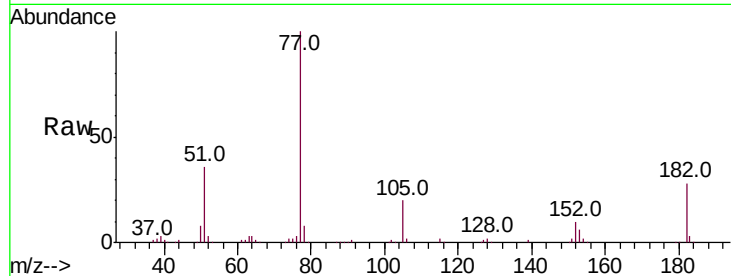
ClientSampleId :

OR-01-120518-AMS

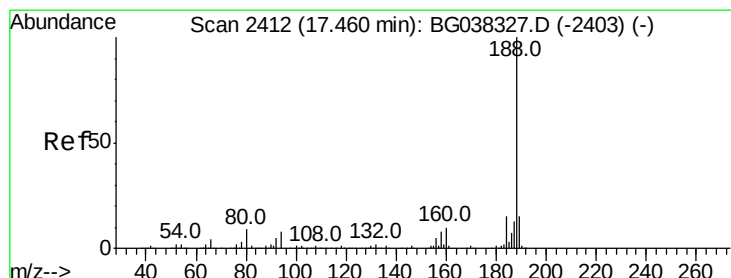
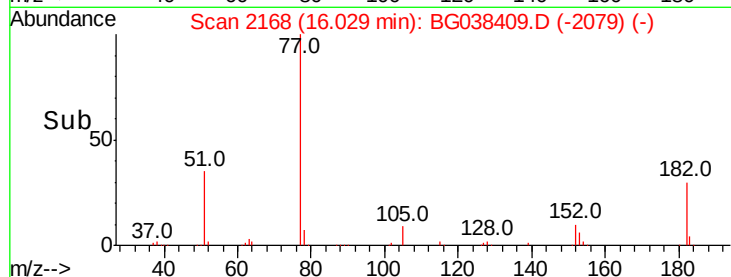
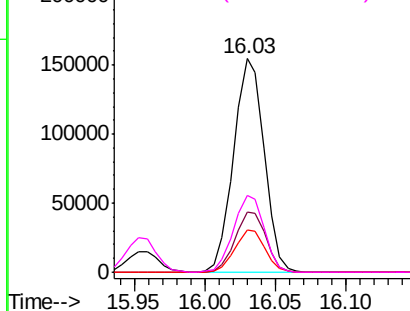
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	28.0	8.0	48.0	
105	19.5	1.3	41.3	
51	36.2	10.7	50.7	

Manual Integrations
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

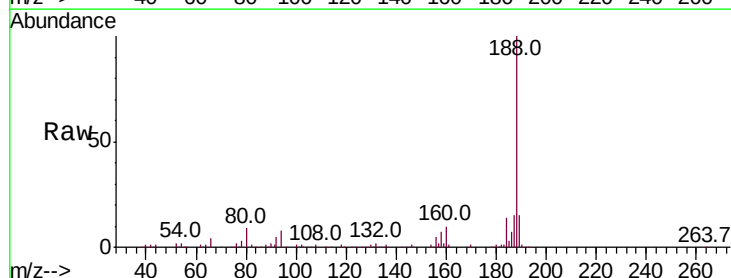
RT: 17.46 min Scan# 2411

Delta R.T. -0.00 min

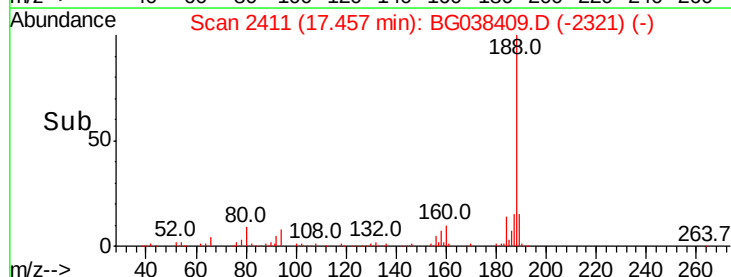
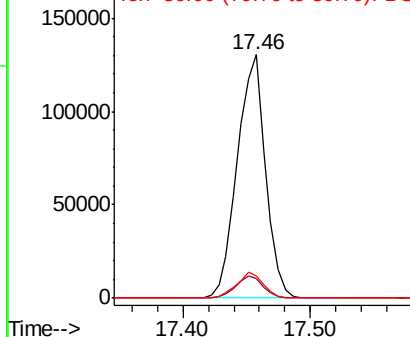
Lab File: BG038409.D

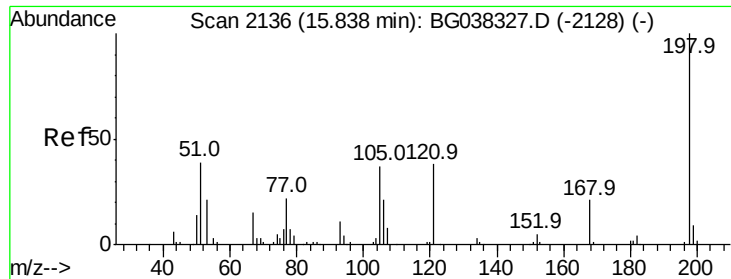
Acq: 7 Dec 2018 18:49

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.1	7.2	10.8	
80	9.0	7.7	11.5	



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 37.062 ng

RT: 15.83 min Scan# 2134

Delta R.T. -0.01 min

Lab File: BG038409.D

Acq: 7 Dec 2018 18:49

Instrument :

BNA_G

ClientSampleId :

OR-01-120518-AMS

Tot Ion:198 Resp: 48536

Ion Ratio Lower Upper

198 100

51 54.5 22.7 62.7

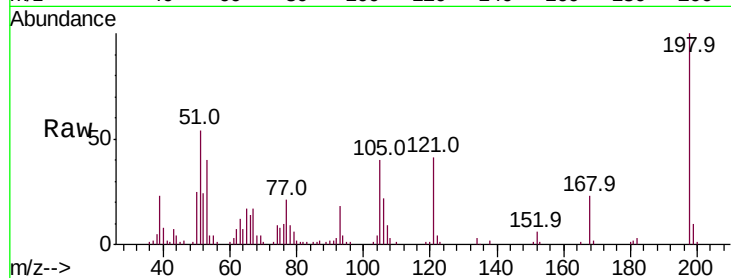
105 40.4 19.7 59.7

Manual Integrations

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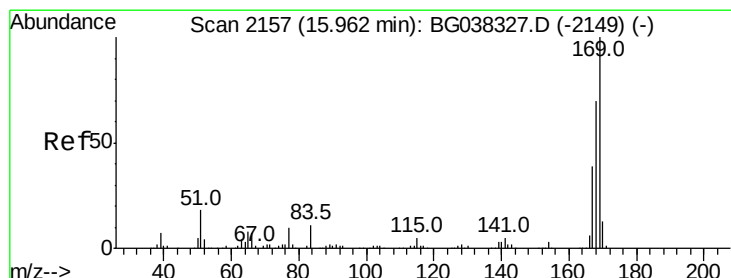
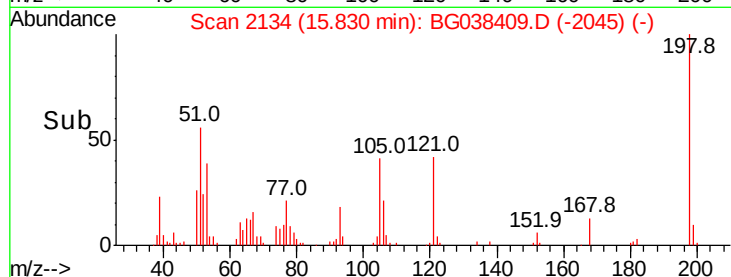
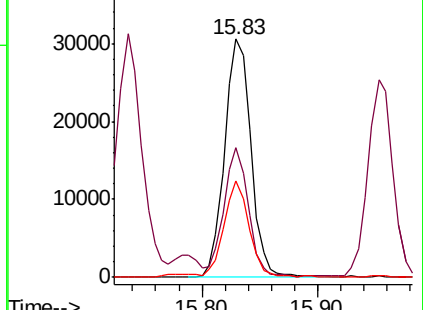
12/11/2018 10:30:29 AM



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: 38.579 ng

RT: 15.95 min Scan# 2155

Delta R.T. -0.01 min

Lab File: BG038409.D

Acq: 7 Dec 2018 18:49

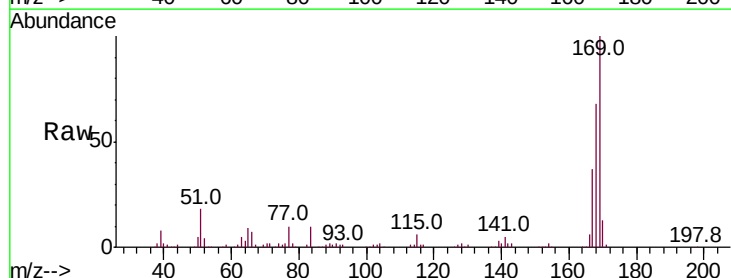
Tgt Ion:169 Resp: 216831

Ion Ratio Lower Upper

169 100

168 68.2 55.7 83.5

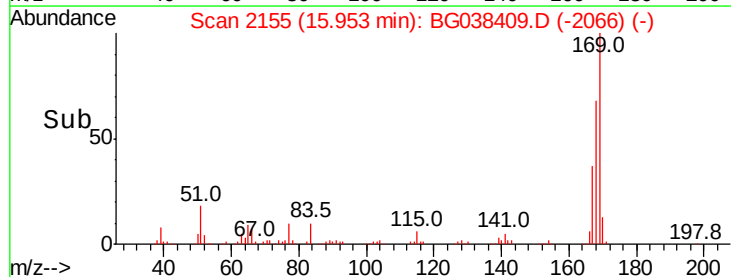
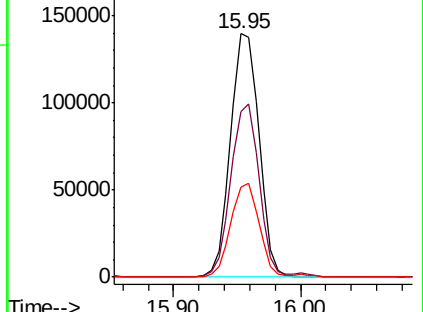
167 36.8 31.3 46.9

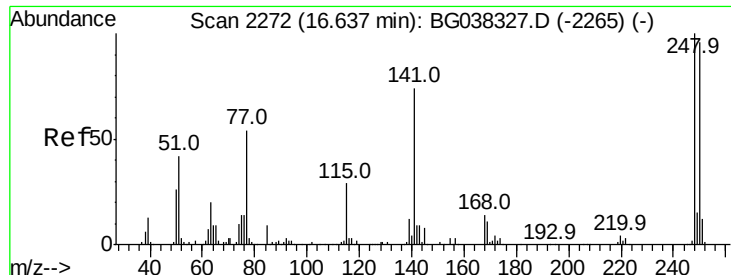


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





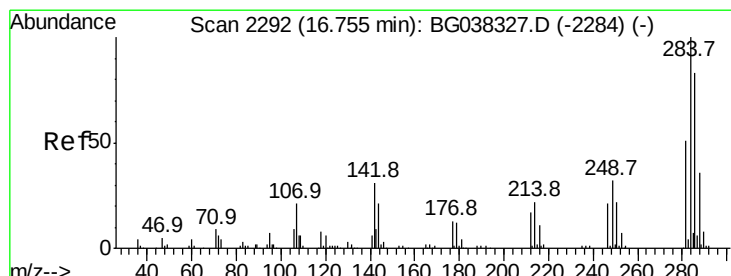
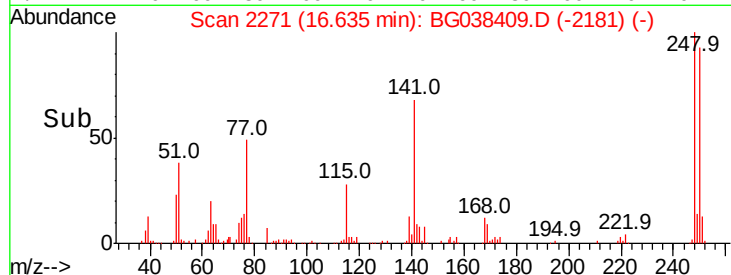
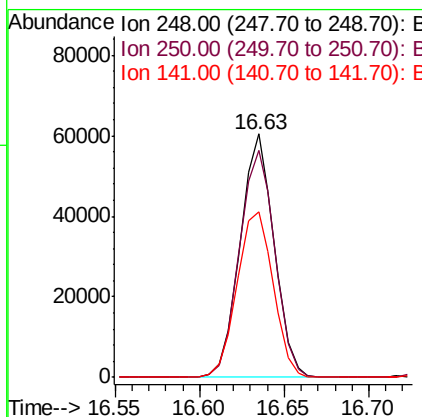
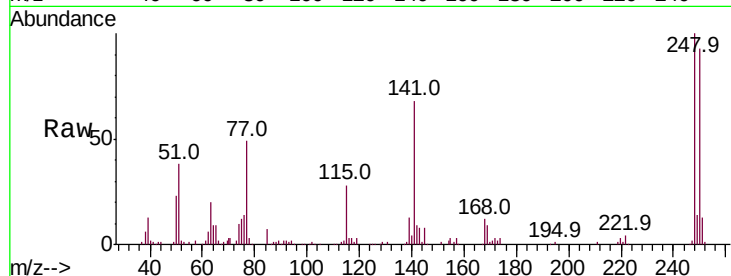
#67
 4-Bromophenyl-phenylether
 Concen: 39.094 ng
 RT: 16.63 min Scan# 2271
 Delta R.T. -0.00 min
 Lab File: BG038409.D
 Acq: 7 Dec 2018 18:49

Instrument :
 BNA_G
 ClientSampleId :
 OR-01-120518-AMS

Tot Ion:	248	Resp:	84381
Ion Ratio	Lower	Upper	
248	100		
250	93.0	77.0	115.6
141	68.0	55.5	83.3

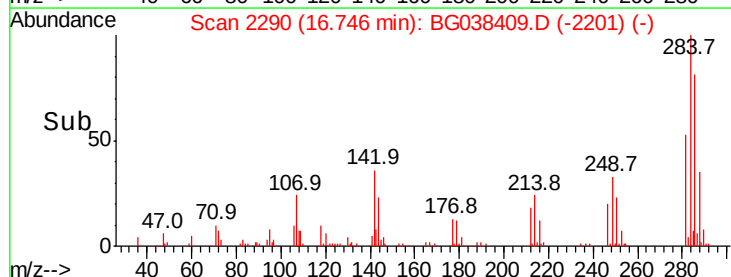
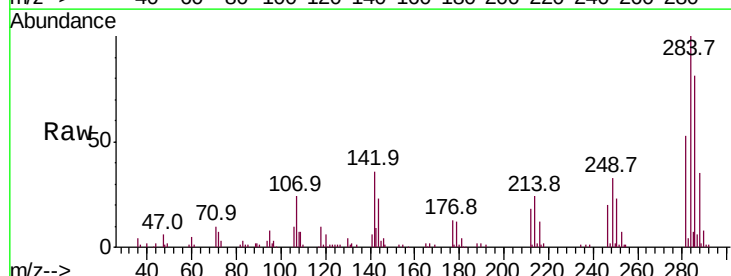
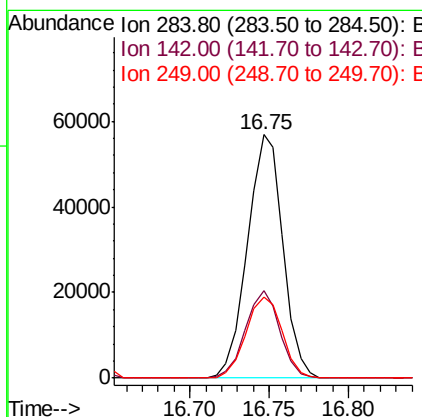
Manual Integrations
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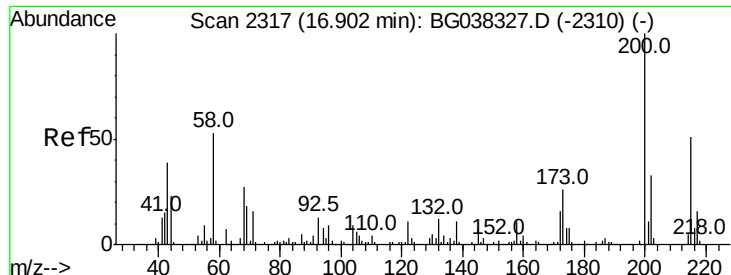
Sohil
 12/11/2018 10:30:29 AM



#68
 Hexachlorobenzene
 Concen: 39.590 ng
 RT: 16.75 min Scan# 2290
 Delta R.T. -0.01 min
 Lab File: BG038409.D
 Acq: 7 Dec 2018 18:49

Tgt Ion:	284	Resp:	88139
Ion Ratio	Lower	Upper	
284	100		
142	35.8	28.1	42.1
249	35.4	29.8	44.8





#69

Atrazine

Concen: 42.645 ng

RT: 16.90 min Scan# 2316

Delta R.T. -0.00 min

Lab File: BG038409.D

Acq: 7 Dec 2018 18:49

Instrument :

BNA_G

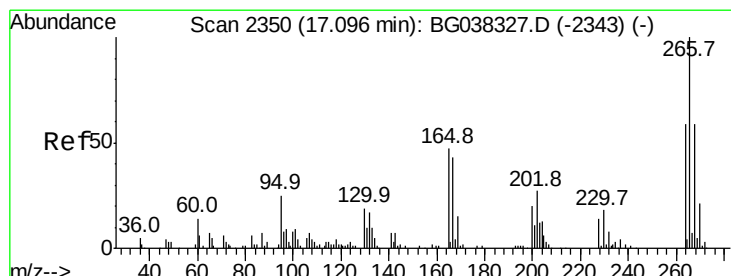
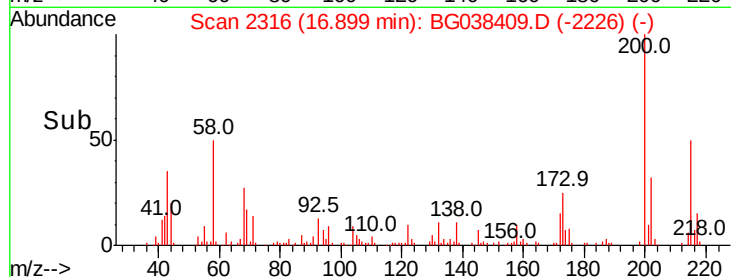
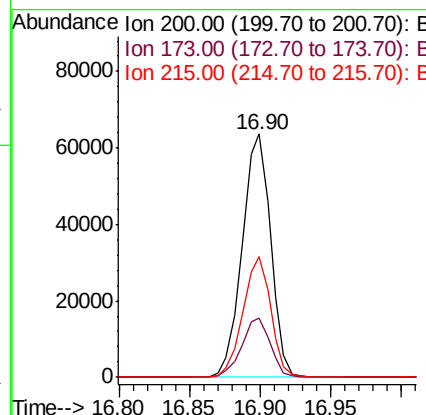
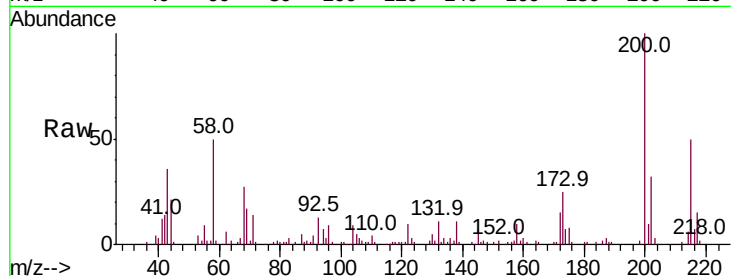
ClientSampleId :

OR-01-120518-AMS

Tot Ion:	200	Resp:	89436
Ion Ratio	Lower	Upper	
200	100		
173	24.6	6.1	46.1
215	49.7	30.8	70.8

Manual Integrations
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Sohil
12/11/2018 10:30:29 AM



#70

Pentachlorophenol

Concen: 70.467 ng

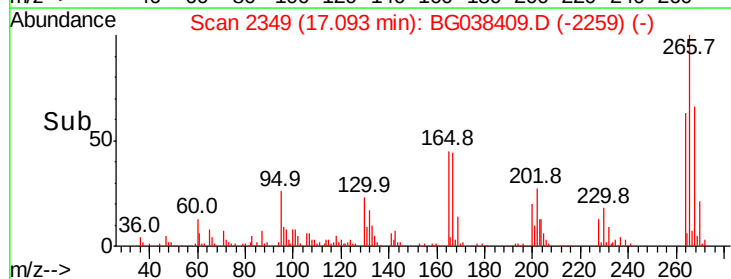
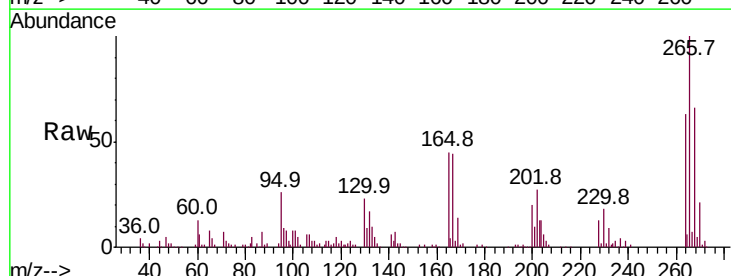
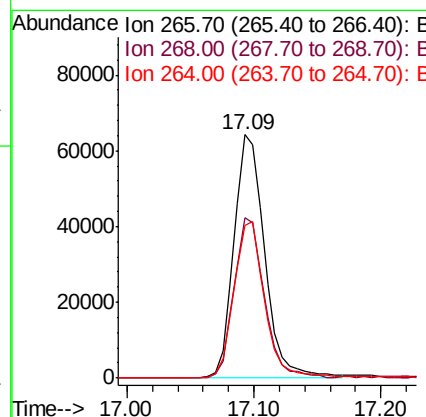
RT: 17.09 min Scan# 2349

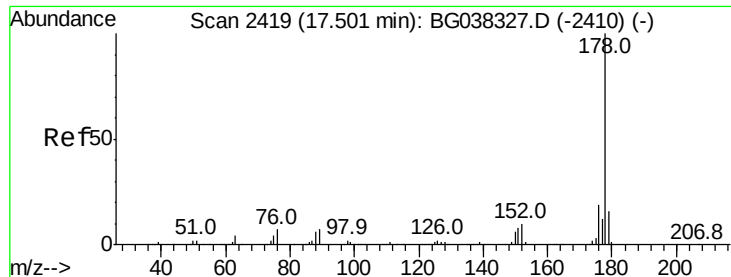
Delta R.T. -0.00 min

Lab File: BG038409.D

Acq: 7 Dec 2018 18:49

Tgt Ion:	266	Resp:	107454
Ion Ratio	Lower	Upper	
266	100		
268	70.8	55.0	82.6
264	68.6	58.9	88.3





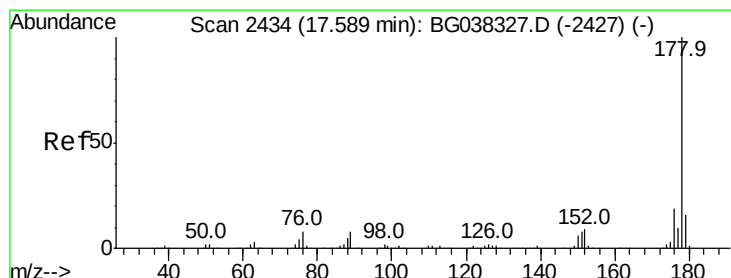
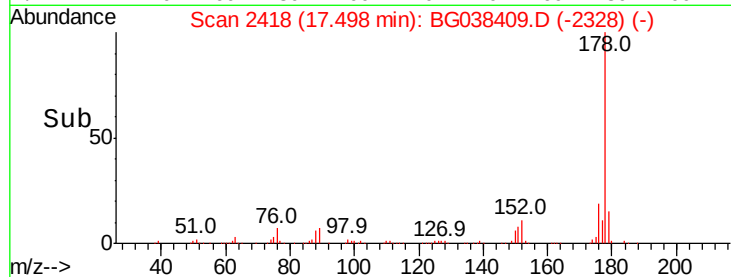
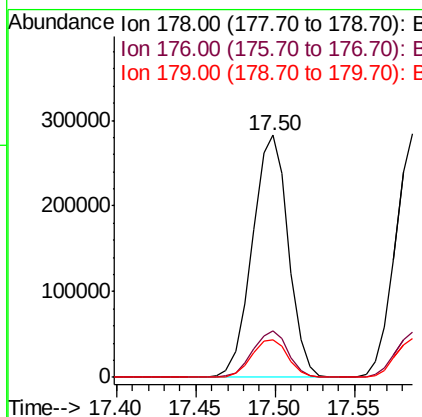
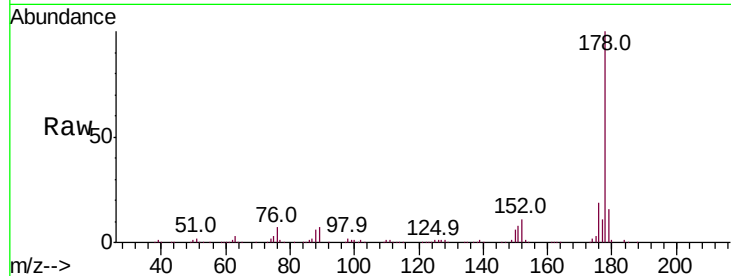
#71
Phenanthrene
Concen: 44.377 ng
RT: 17.50 min Scan# 2418
Delta R.T. -0.00 min
Lab File: BG038409.D
Acq: 7 Dec 2018 18:49

Instrument :
BNA_G
ClientSampleId :
OR-01-120518-AMS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.1	24.1
179	15.6	13.0	19.4

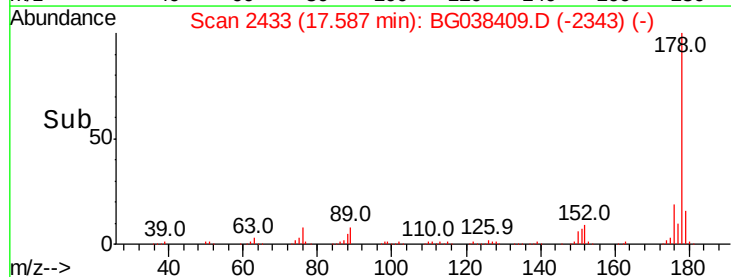
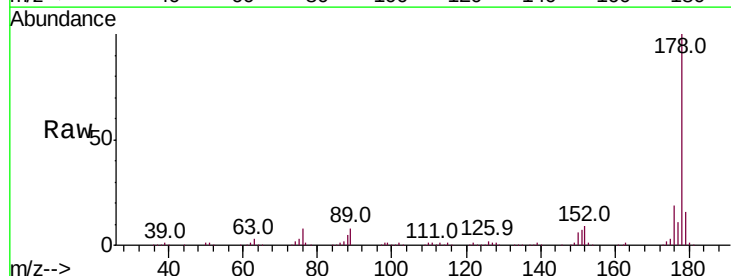
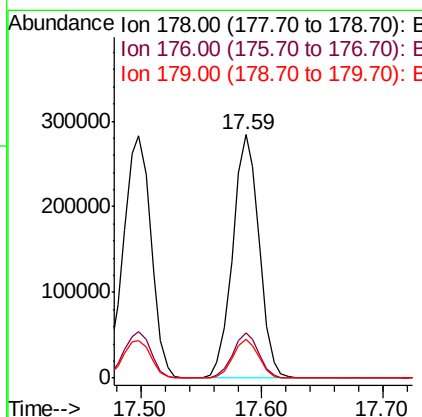
Manual Integrations
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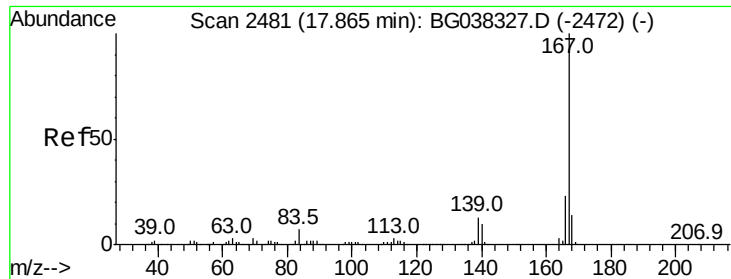
Sohil
12/11/2018 10:30:29 AM



#72
Anthracene
Concen: 44.509 ng
RT: 17.59 min Scan# 2433
Delta R.T. -0.00 min
Lab File: BG038409.D
Acq: 7 Dec 2018 18:49

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.4
179	15.7	12.8	19.2





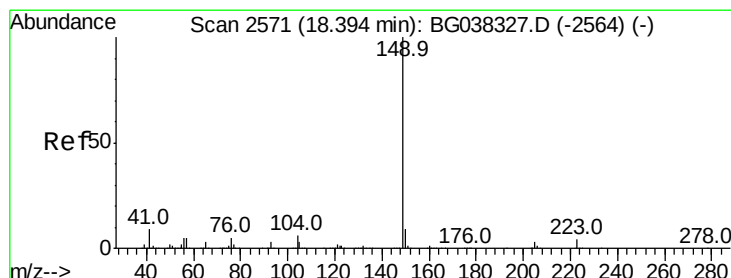
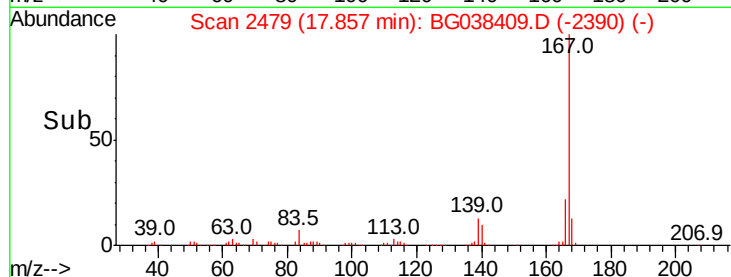
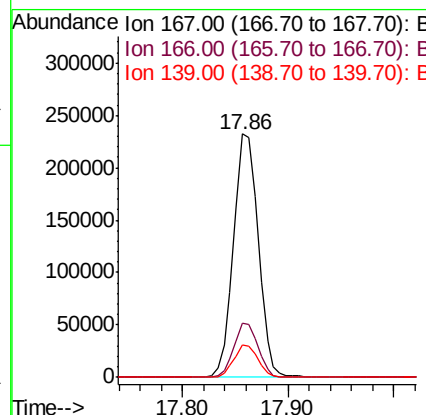
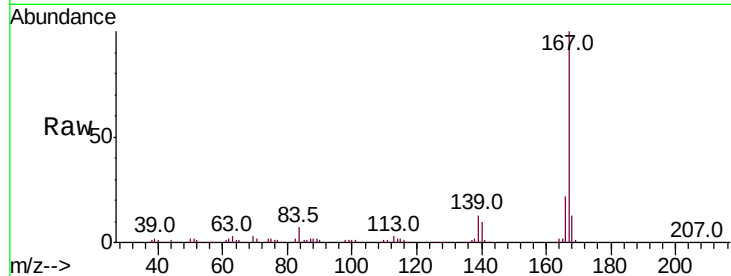
#73
 Carbazole
 Concen: 39.077 ng
 RT: 17.86 min Scan# 2479
 Delta R.T. -0.01 min
 Lab File: BG038409.D
 Acq: 7 Dec 2018 18:49

Instrument :
 BNA_G
 ClientSampleId :
 OR-01-120518-AMS

Tot Ion	Ratio	Resp	Lower	Upper
167	100			
166	22.2	18.3	27.5	
139	13.3	10.5	15.7	

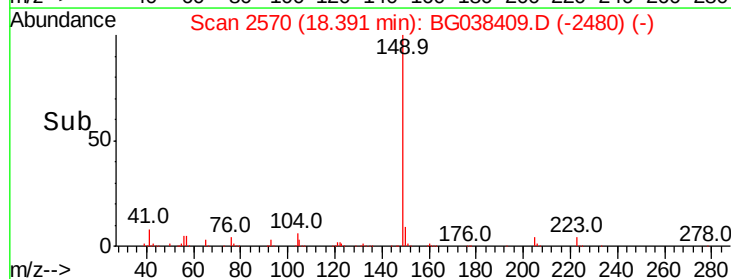
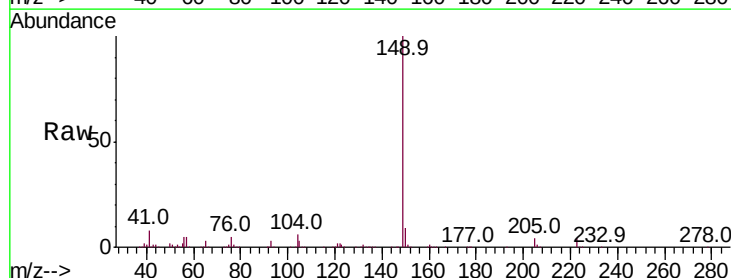
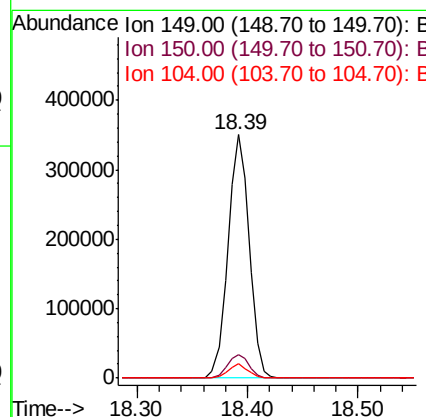
Manual Integrations
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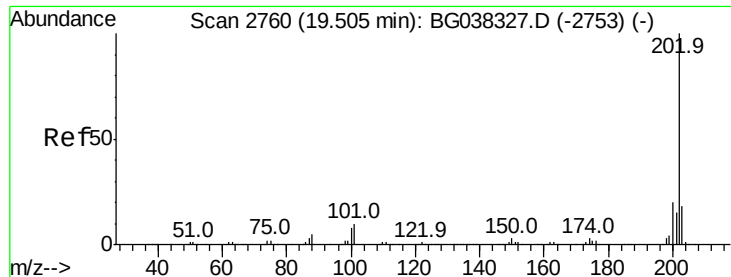
Sohil
 12/11/2018 10:30:29 AM



#74
 Di-n-butylphthalate
 Concen: 41.792 ng
 RT: 18.39 min Scan# 2570
 Delta R.T. -0.00 min
 Lab File: BG038409.D
 Acq: 7 Dec 2018 18:49

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.4	8.2	12.2	
104	5.8	4.0	6.0	





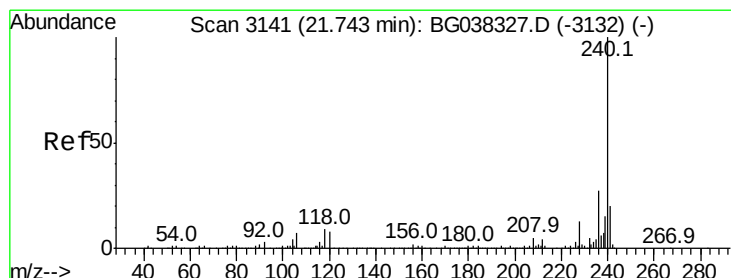
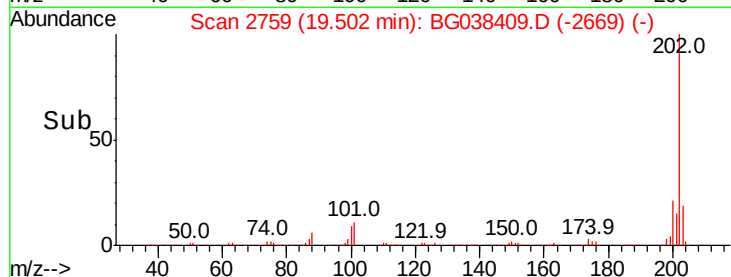
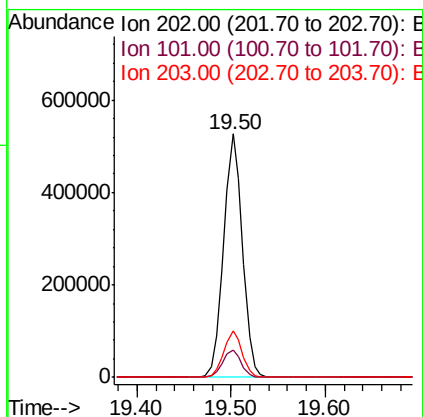
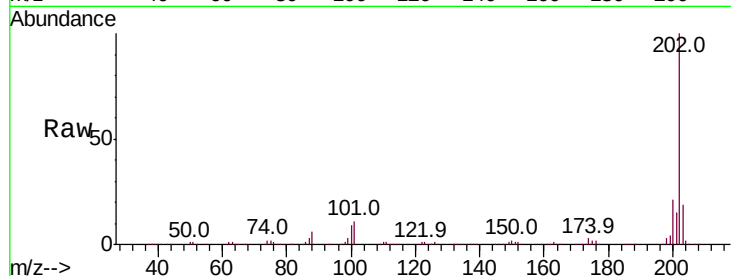
#75
Fluoranthene
 Concen: 62.525 ng
 RT: 19.50 min Scan# 2759
 Delta R.T. -0.00 min
 Lab File: BG038409.D
 Acq: 7 Dec 2018 18:49

Instrument :
 BNA_G
 ClientSampleId :
 OR-01-120518-AMS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.4	0.0	30.7
203	19.1	0.0	38.5

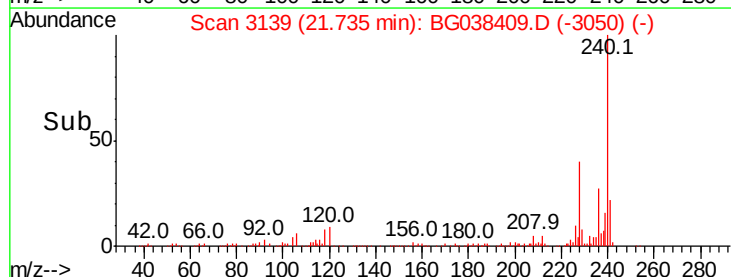
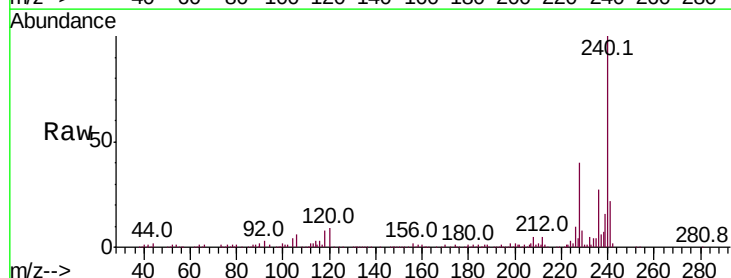
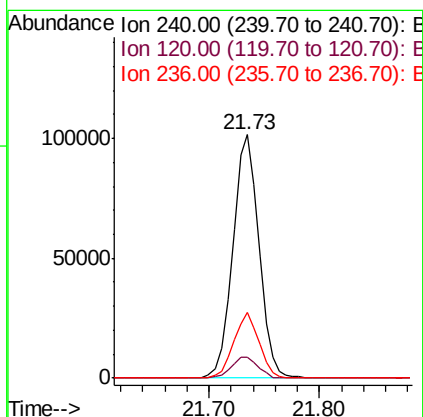
Manual Integrations
 APPROVED

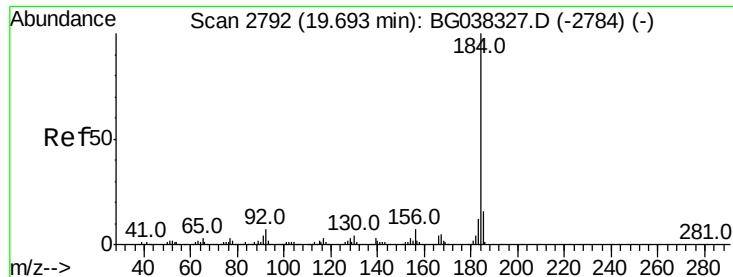
Sohil
 12/11/2018 10:30:29 AM



#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 21.73 min Scan# 3139
 Delta R.T. -0.01 min
 Lab File: BG038409.D
 Acq: 7 Dec 2018 18:49

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	8.6	8.1	12.1
236	27.1	21.4	32.0





#77

Benzidine

Concen: 12.226 ng

RT: 19.69 min Scan# 2791

Delta R.T. -0.00 min

Lab File: BG038409.D

Acq: 7 Dec 2018 18:49

Instrument :

BNA_G

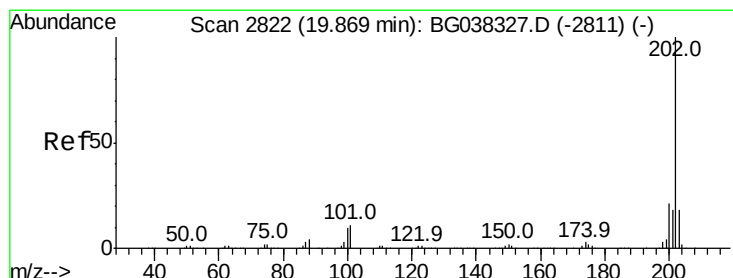
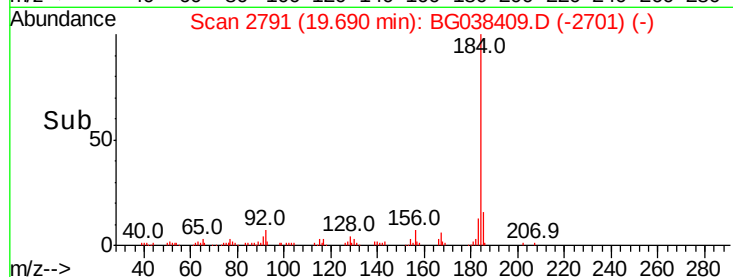
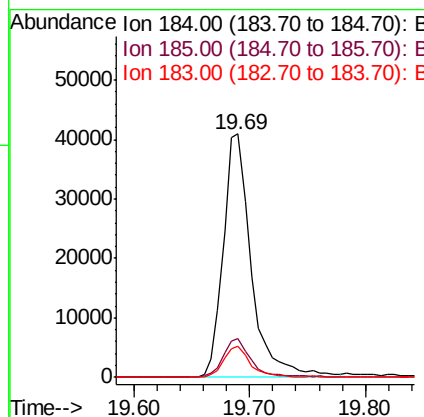
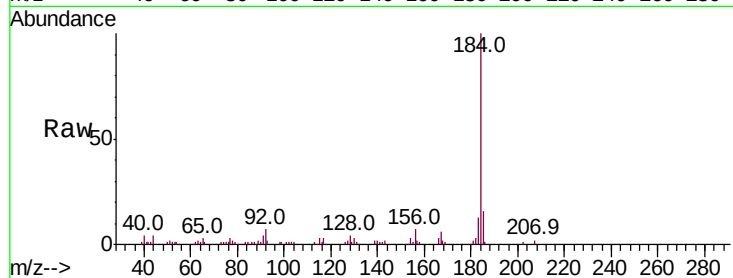
ClientSampleId :

OR-01-120518-AMS

Tot Ion:	184	Resp:	69294
Ion Ratio	Lower	Upper	
184	100		
185	15.9	12.6	18.8
183	12.7	10.2	15.2

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#78

Pyrene

Concen: 61.305 ng

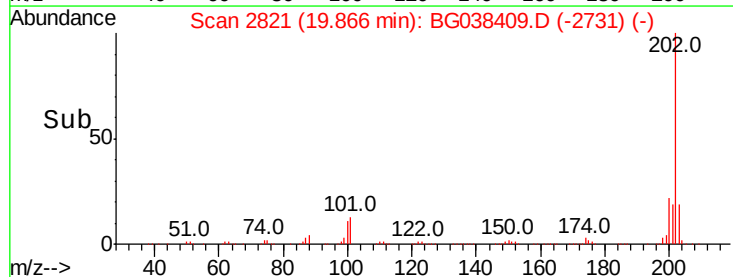
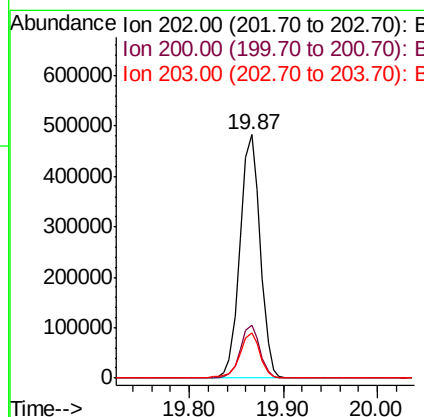
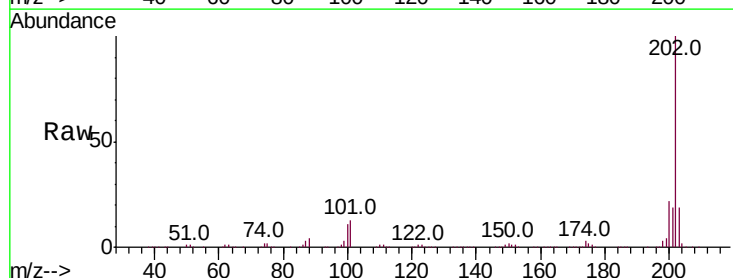
RT: 19.87 min Scan# 2821

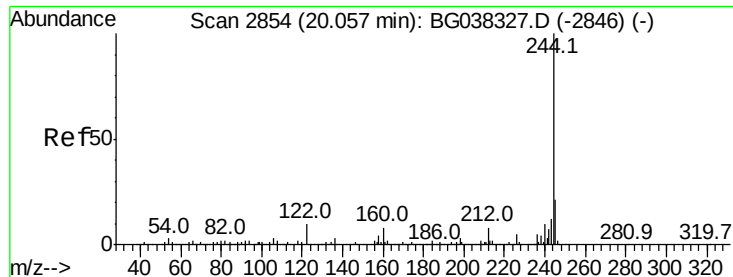
Delta R.T. -0.00 min

Lab File: BG038409.D

Acq: 7 Dec 2018 18:49

Tgt Ion:	202	Resp:	720469
Ion Ratio	Lower	Upper	
202	100		
200	21.8	17.8	26.6
203	18.5	15.2	22.8





#79

Terphenyl-d14

Concen: 104.409 ng

RT: 20.05 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG038409.D

Acq: 7 Dec 2018 18:49

Instrument :

BNA_G

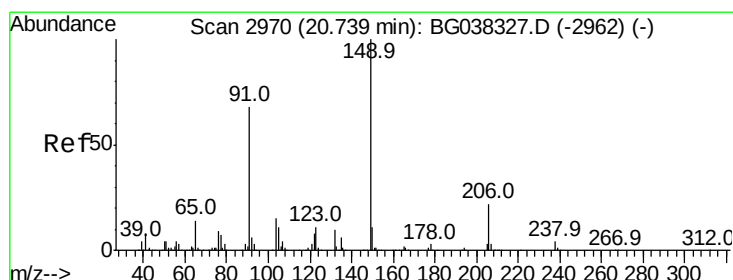
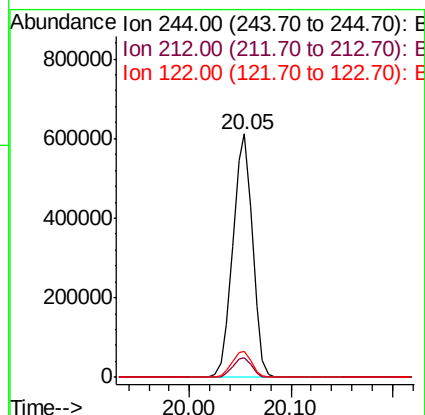
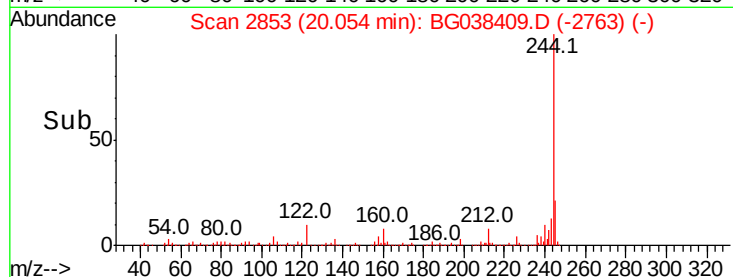
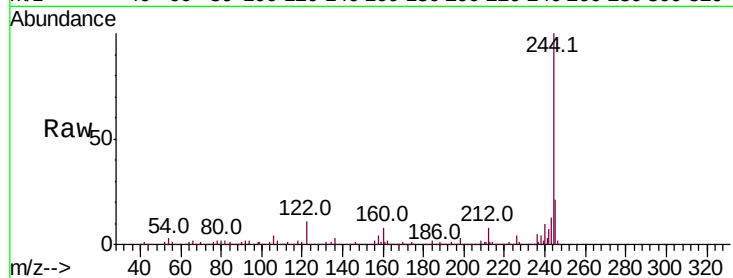
ClientSampleId :

OR-01-120518-AMS

Tot Ion:	244	Resp:	818632
Ion Ratio	Lower	Upper	
244	100		
212	8.2	6.5	9.7
122	10.5	9.0	13.4

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#80

Butylbenzylphthalate

Concen: 43.719 ng

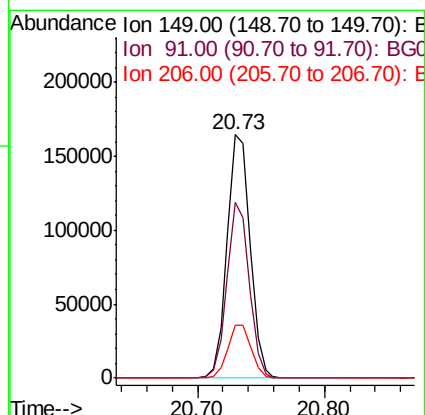
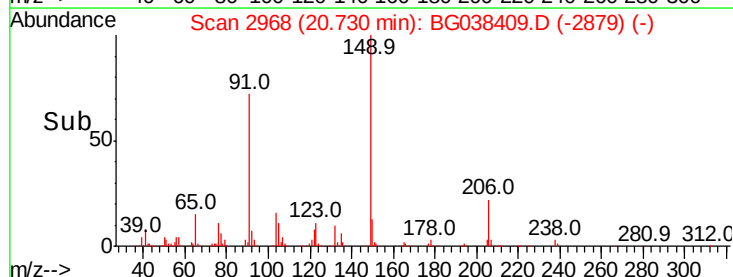
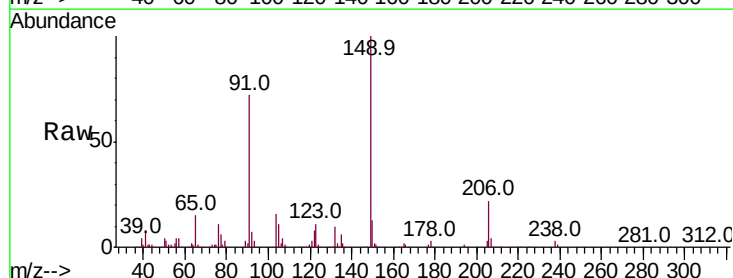
RT: 20.73 min Scan# 2968

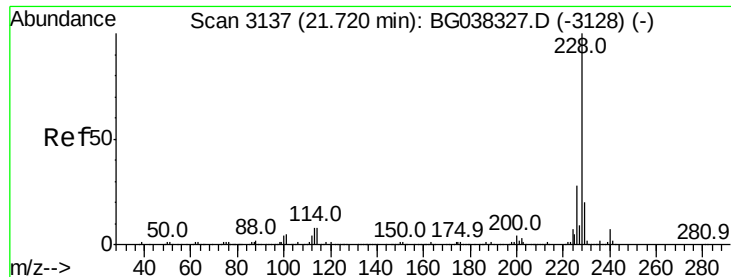
Delta R.T. -0.01 min

Lab File: BG038409.D

Acq: 7 Dec 2018 18:49

Tgt Ion:	149	Resp:	206652
Ion Ratio	Lower	Upper	
149	100		
91	72.2	57.0	85.4
206	21.8	17.8	26.6





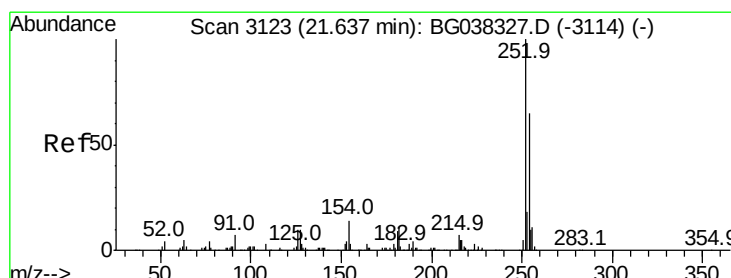
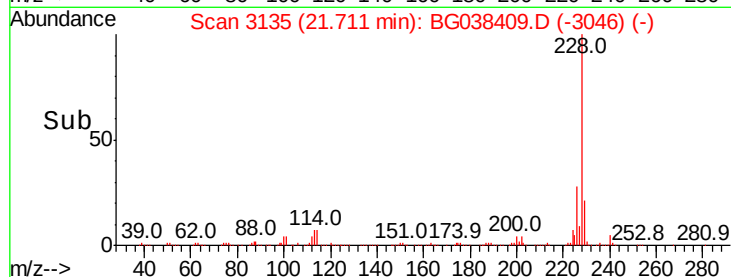
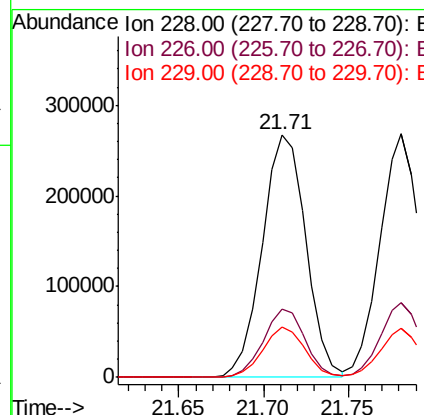
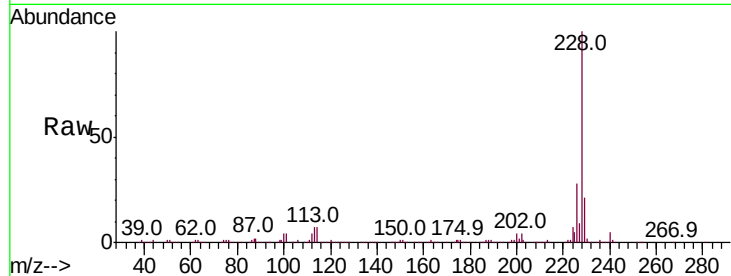
#81
Benzo(a)anthracene
Concen: 46.429 ng
RT: 21.71 min Scan# 3135
Delta R.T. -0.01 min
Lab File: BG038409.D
Acq: 7 Dec 2018 18:49

Instrument :
BNA_G
ClientSampleId :
OR-01-120518-AMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	20.6	16.3	24.5

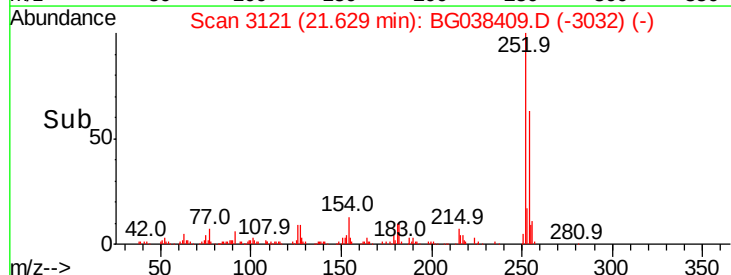
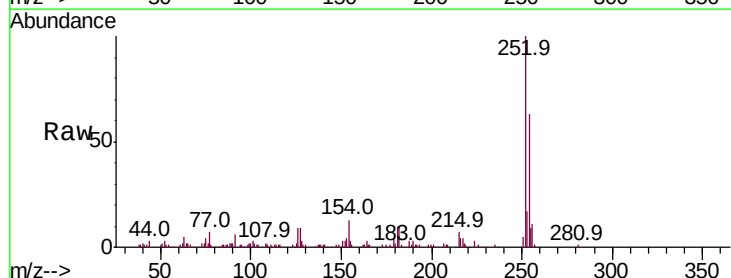
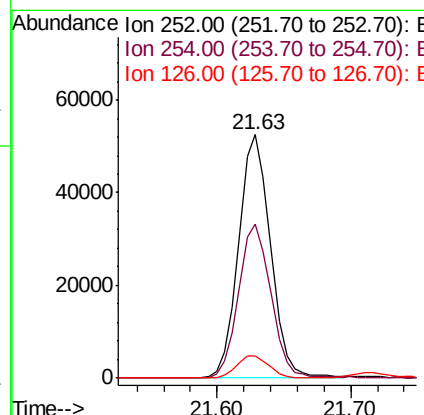
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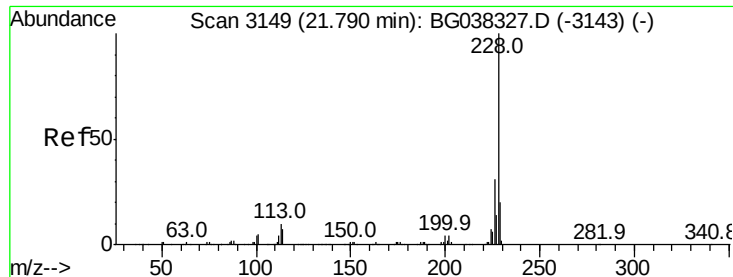
Sohil
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#82
3,3'-Dichlorobenzidine
Concen: 21.744 ng
RT: 21.63 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BG038409.D
Acq: 7 Dec 2018 18:49

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.1	52.0	78.0
126	9.2	8.2	12.4





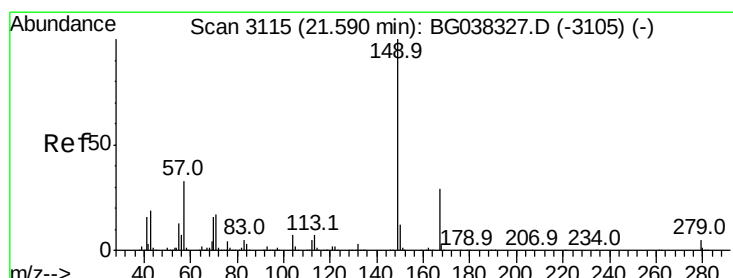
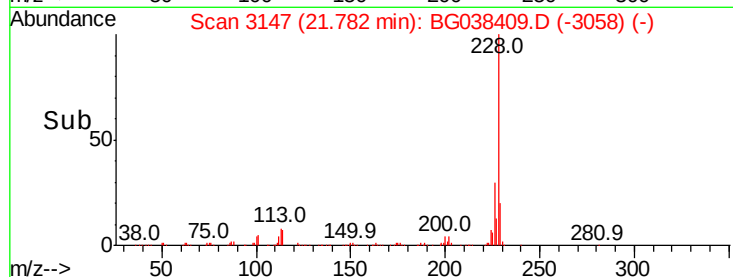
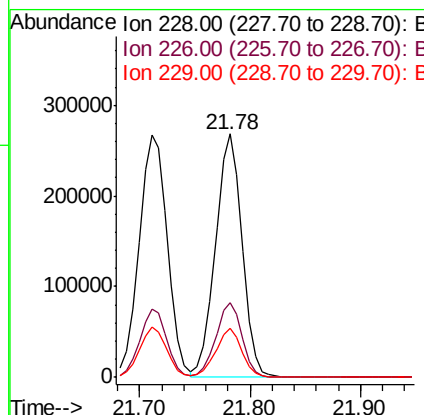
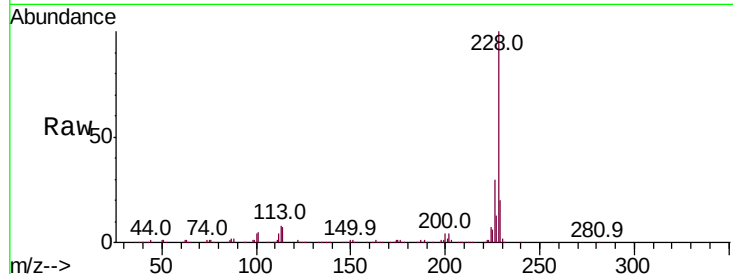
#83
Chrysene
Concen: 45.461 ng
RT: 21.78 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG038409.D
Acq: 7 Dec 2018 18:49

Instrument :
BNA_G
ClientSampleId :
OR-01-120518-AMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.7	38.5
229	20.2	16.5	24.7

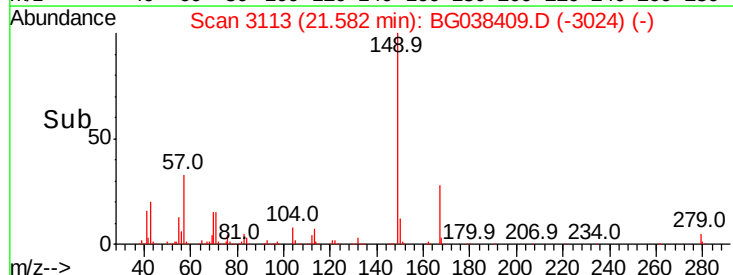
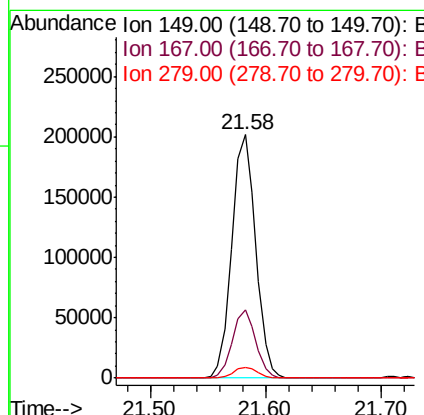
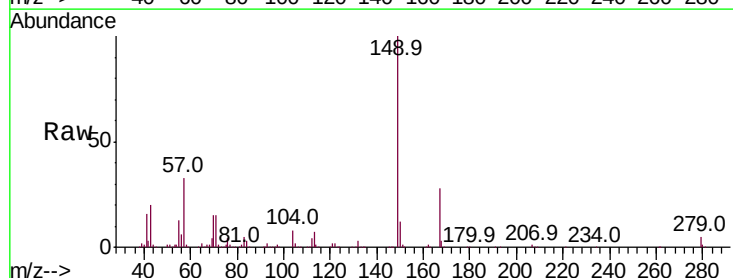
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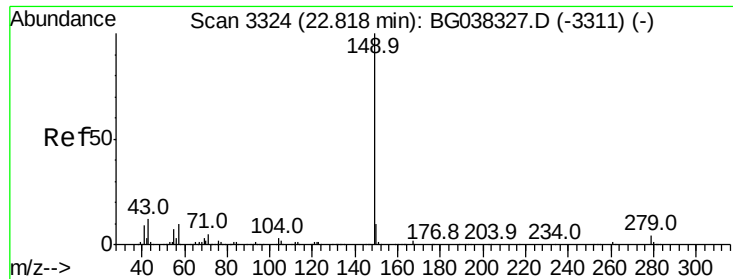
Sohil
12/11/2018 10:30:29 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 43.102 ng
RT: 21.58 min Scan# 3113
Delta R.T. -0.01 min
Lab File: BG038409.D
Acq: 7 Dec 2018 18:49

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.3	23.0	34.4
279	4.6	3.6	5.4





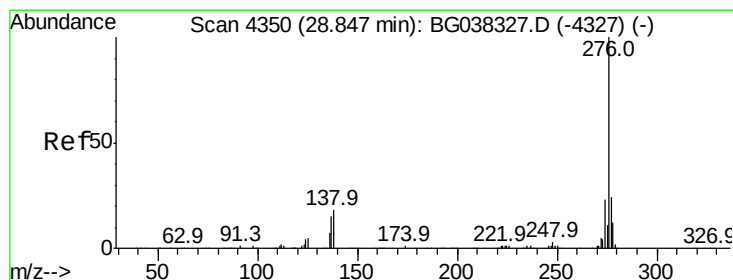
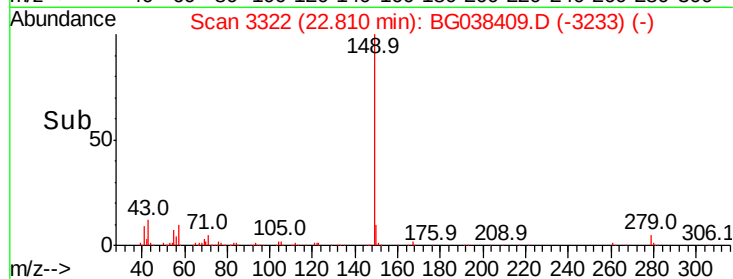
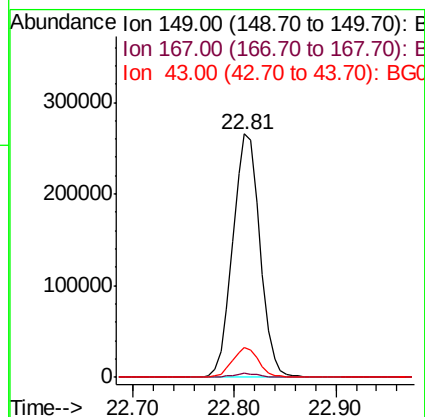
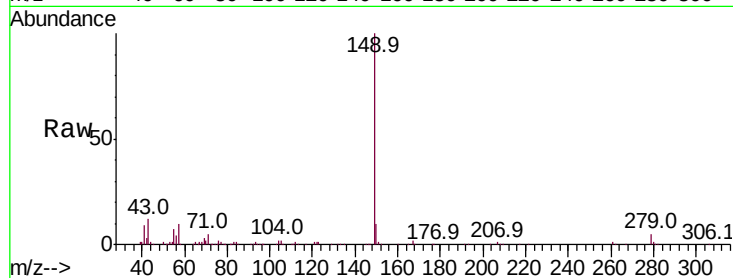
#85
Di-n-octyl phthalate
Concen: 42.878 ng
RT: 22.81 min Scan# 3322
Delta R.T. -0.01 min
Lab File: BG038409.D
Acq: 7 Dec 2018 18:49

Instrument :
BNA_G
ClientSampleId :
OR-01-120518-AMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	492577		
167	1.6	1.3	1.9	
43	11.7	8.7	13.1	

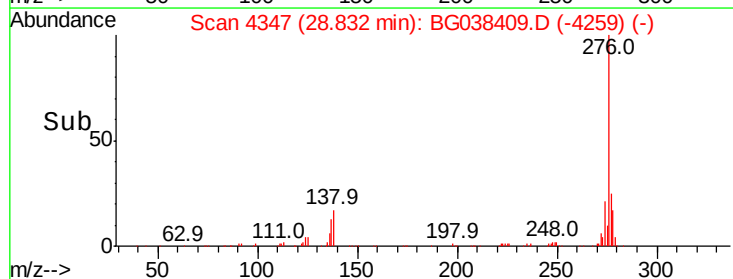
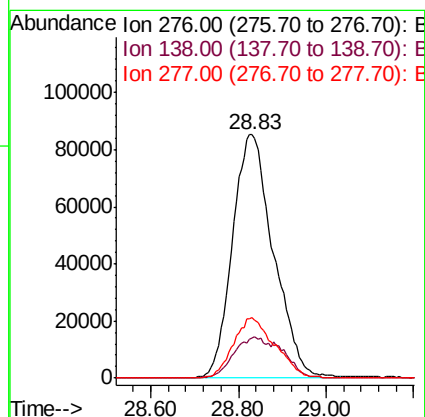
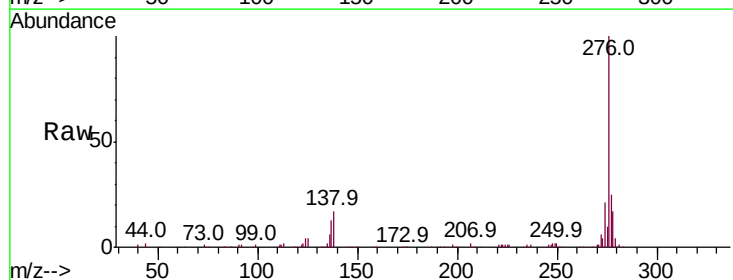
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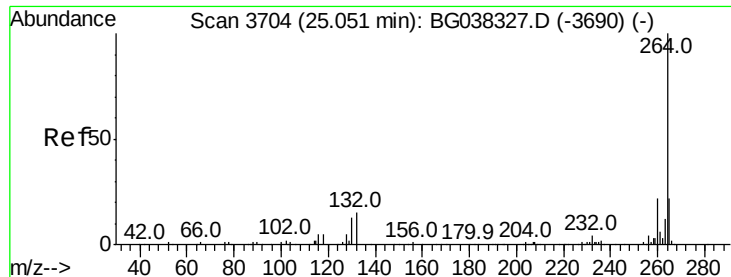
Sohil
12/11/2018 10:30:29 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 48.907 ng
RT: 28.83 min Scan# 4347
Delta R.T. -0.01 min
Lab File: BG038409.D
Acq: 7 Dec 2018 18:49

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	542980		
138	14.0	12.0	18.0	
277	25.1	20.6	30.8	





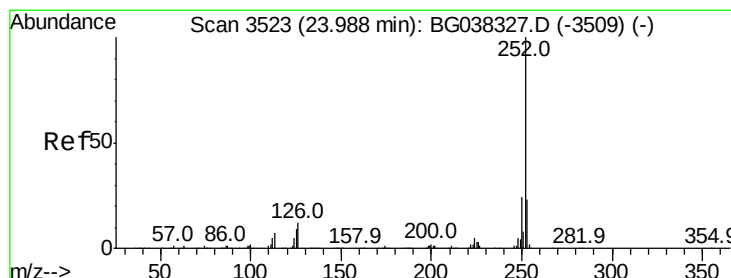
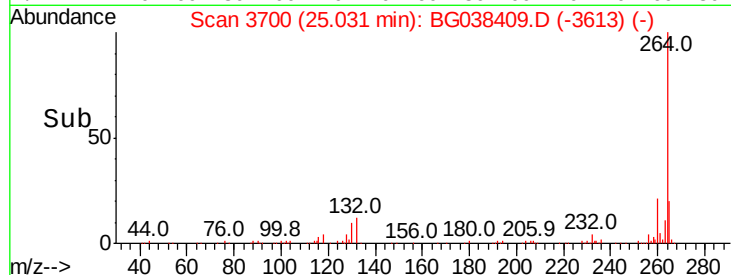
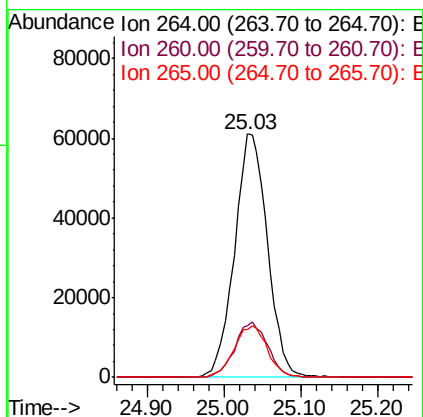
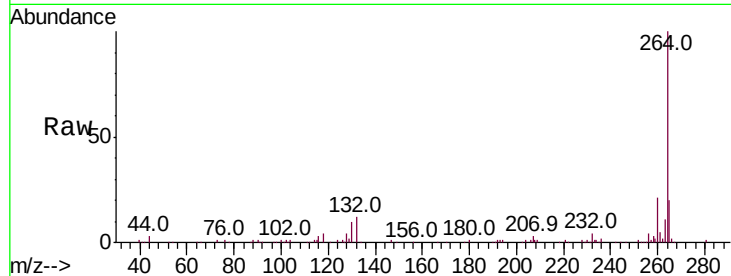
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.03 min Scan# 3700
Delta R.T. -0.02 min
Lab File: BG038409.D
Acq: 7 Dec 2018 18:49

Instrument :
BNA_G
ClientSampleId :
OR-01-120518-AMS

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.2	18.2	27.4
265	19.6	17.9	26.9

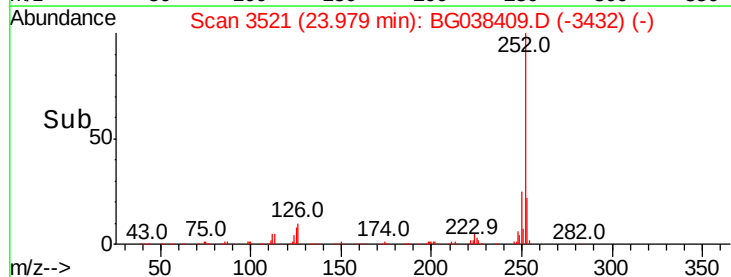
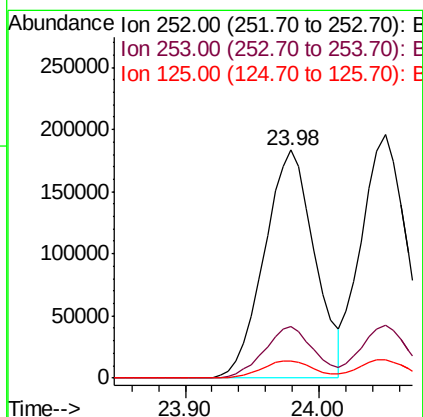
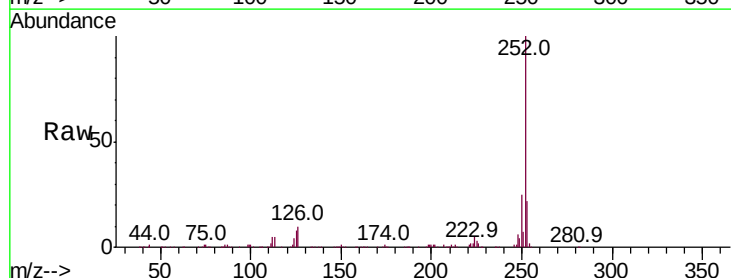
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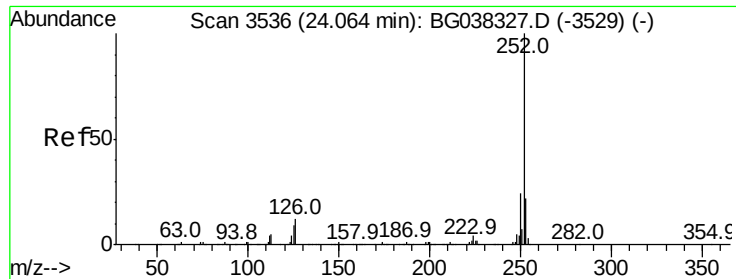
Sohil
12/11/2018 10:30:29 AM



#88
Benzo(b)fluoranthene
Concen: 46.545 ng
RT: 23.98 min Scan# 3521
Delta R.T. -0.01 min
Lab File: BG038409.D
Acq: 7 Dec 2018 18:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.2
125	7.6	7.8	11.6





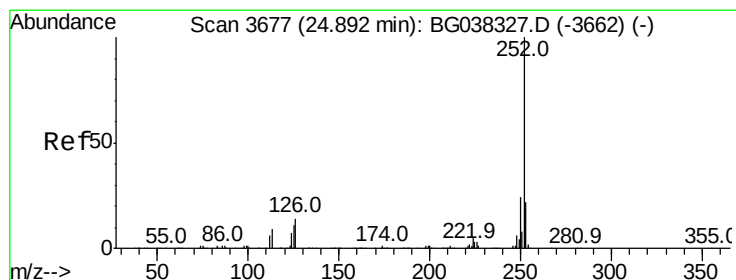
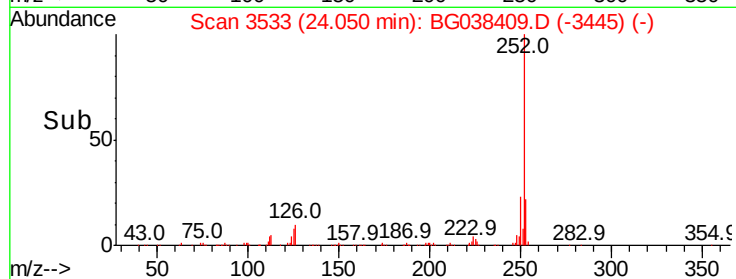
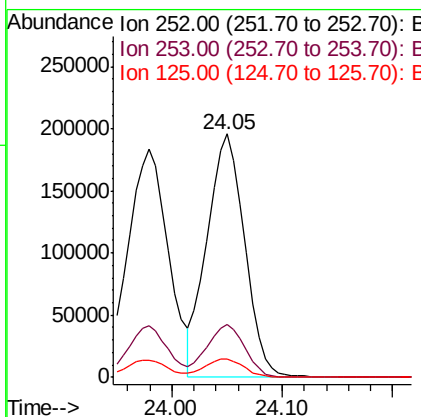
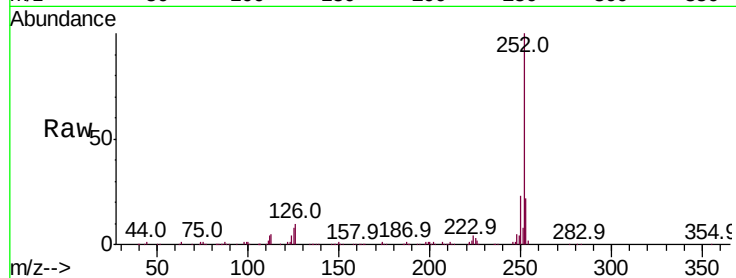
#89
Benzo(k)fluoranthene
Concen: 44.814 ng
RT: 24.05 min Scan# 3533
Delta R.T. -0.01 min
Lab File: BG038409.D
Acq: 7 Dec 2018 18:49

Instrument :
BNA_G
ClientSampleId :
OR-01-120518-AMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	7.6	7.4	11.0

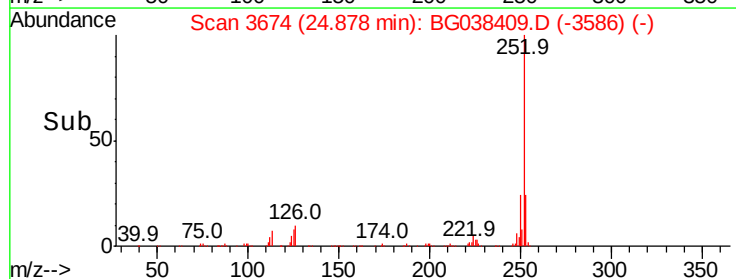
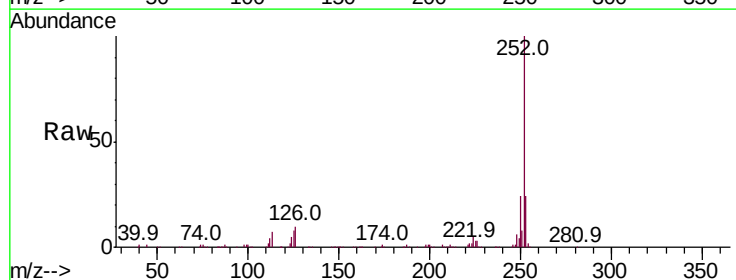
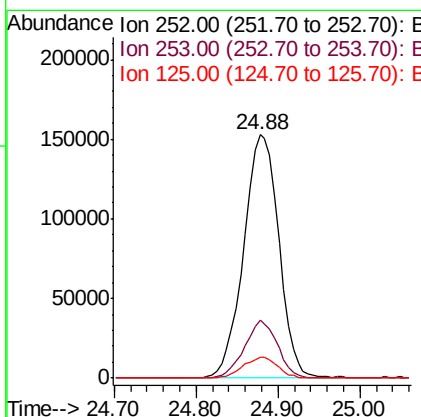
Manual Integrations
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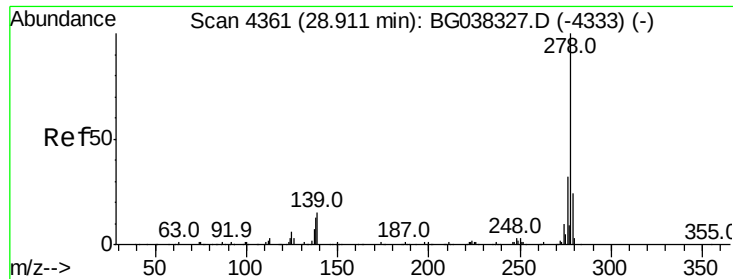
Sohil
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#90
Benzo(a)pyrene
Concen: 45.635 ng
RT: 24.88 min Scan# 3674
Delta R.T. -0.01 min
Lab File: BG038409.D
Acq: 7 Dec 2018 18:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.4	26.2
125	8.4	9.0	13.6#





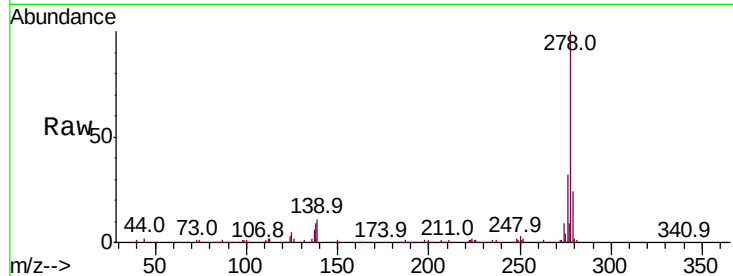
#91
Dibenzo(a,h)anthracene
Concen: 47.188 ng
RT: 28.90 min Scan# 4358
Delta R.T. -0.01 min
Lab File: BG038409.D
Acq: 7 Dec 2018 18:49

Instrument :
BNA_G
ClientSampleId :
OR-01-120518-AMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	11.1	11.5	17.3#
279	24.5	18.6	27.8

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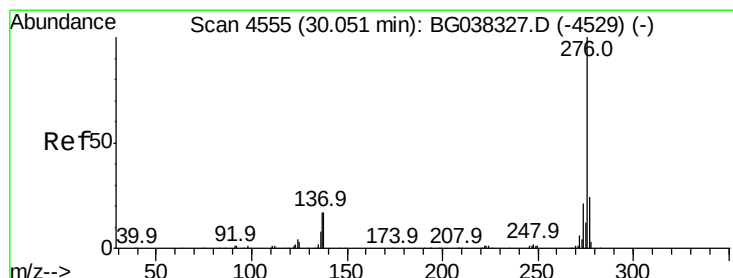
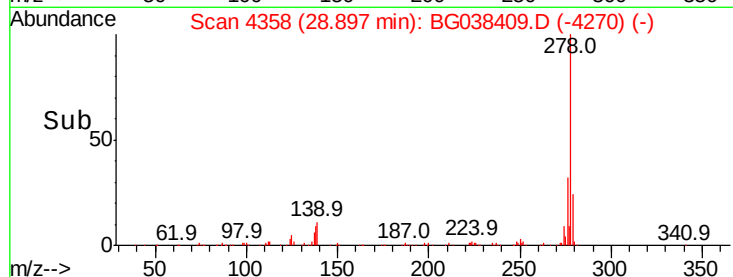
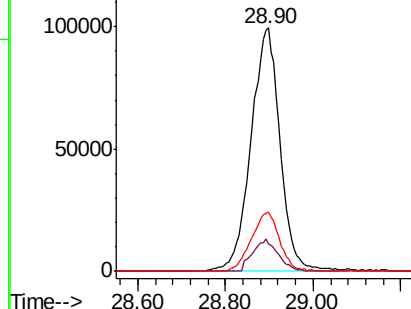


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 54.013 ng
RT: 30.02 min Scan# 4550
Delta R.T. -0.03 min
Lab File: BG038409.D
Acq: 7 Dec 2018 18:49

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.9	28.3
138	22.6	17.2	25.8

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

