

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121118\
 Data File : BG038476.D
 Acq On : 11 Dec 2018 19:19
 Operator : JU/SJ
 Sample : J6195-06MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-121018-AMSD

Manual Integrations
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Sohil
 12/12/2018 5:38:43 PM

Quant Time: Dec 12 03:45:57 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	23728	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	99658	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	99742	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	168761	20.00	ng	0.00
76) Chrysene-d12	21.74	240	161630	20.00	ng	0.00
87) Perylene-d12	25.04	264	173265	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	190282	141.91	ng	0.00
7) Phenol-d6	7.23	99	248540	128.25	ng	0.00
23) Nitrobenzene-d5	9.25	82	189324	94.32	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	141829	115.83	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	645200	92.17	ng	0.00
79) Terphenyl-d14	20.06	244	799746	106.00	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	19056	31.009	ng	# 1
3) Pyridine	3.92	79	59814	32.534	ng	# 81
4) n-Nitrosodimethylamine	3.83	42	38381	47.659	ng	# 79
6) Aniline	7.40	93	33546	13.553	ng	95
8) 2-Chlorophenol	7.63	128	74645	47.935	ng	99
9) Benzaldehyde	7.21	77	33238	27.085	ng	95
10) Phenol	7.25	94	82717	40.397	ng	88
11) bis(2-Chloroethyl)ether	7.49	93	70406	41.985	ng	99
12) 1,3-Dichlorobenzene	7.95	146	75386	41.420	ng	98
13) 1,4-Dichlorobenzene	8.11	146	79031	41.968	ng	98
14) 1,2-Dichlorobenzene	8.42	146	73539	43.020	ng	96
15) Benzyl Alcohol	8.31	79	71852	45.097	ng	89
16) 2,2'-oxybis(1-Chloropropan	8.59	45	157023	41.166	ng	97
17) 2-Methylphenol	8.51	107	65764	46.882	ng	92
18) Hexachloroethane	9.15	117	28826	42.413	ng	93
19) n-Nitroso-di-n-propylamine	8.88	70	60711	43.022	ng	93
20) 3+4-Methylphenols	8.83	107	91323	44.271	ng	96
22) Acetophenone	8.90	105	116082	48.829	ng	# 95
24) Nitrobenzene	9.29	77	92008	45.116	ng	97
25) Isophorone	9.80	82	174487	49.464	ng	# 96
26) 2-Nitrophenol	10.00	139	45702	48.365	ng	# 91
27) 2,4-Dimethylphenol	10.05	122	79387	58.491	ng	97
28) bis(2-Chloroethoxy)methane	10.29	93	99028	48.969	ng	97
29) 2,4-Dichlorophenol	10.53	162	84075	54.266	ng	98
30) 1,2,4-Trichlorobenzene	10.74	180	84657	46.548	ng	98
31) Naphthalene	10.94	128	241119	50.651	ng	99
32) Benzoic acid	10.17	122	20026m	23.481	ng	
33) 4-Chloroaniline	11.07	127	4653	2.208	ng	# 92
34) Hexachlorobutadiene	11.20	225	55978	49.199	ng	97
35) Caprolactam	11.84	113	21869	34.133	ng	94
36) 4-Chloro-3-methylphenol	12.16	107	144639	84.024	ng	96
37) 2-Methylnaphthalene	12.54	142	283988	83.769	ng	100
38) 1-Methylnaphthalene	12.75	142	271967	83.760	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	143618	41.845	ng	99

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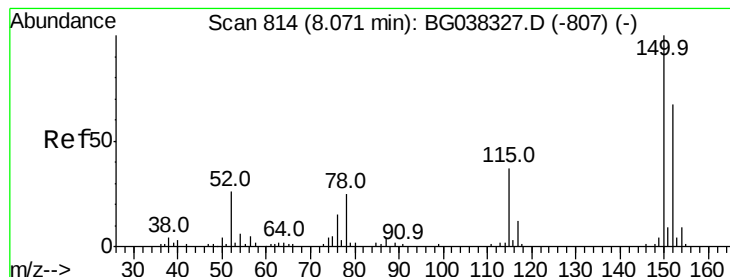
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	150868	79.990	ng	98
43) 2,4,6-Trichlorophenol	13.14	196	104967	47.213	ng	100
44) 2,4,5-Trichlorophenol	13.21	196	117428	49.857	ng	95
46) 1,1'-Biphenyl	13.54	154	365445	43.345	ng	99
47) 2-Chloronaphthalene	13.59	162	289133	45.446	ng	98
48) 2-Nitroaniline	13.80	65	104755	49.079	ng	96
49) Acenaphthylene	14.43	152	479430	50.036	ng	99
50) Dimethylphthalate	14.16	163	395720	49.464	ng	99
51) 2,6-Dinitrotoluene	14.29	165	90145	49.327	ng	96
52) Acenaphthene	14.77	154	271609	46.498	ng	98
53) 3-Nitroaniline	14.62	138	20131	10.228	ng	# 86
54) 2,4-Dinitrophenol	14.83	184	42577	42.501	ng	93
55) Dibenzofuran	15.10	168	442598	45.832	ng	97
56) 4-Nitrophenol	14.92	139	110611	71.144	ng	91
57) 2,4-Dinitrotoluene	15.07	165	125541	49.808	ng	# 97
58) Fluorene	15.75	166	311866	43.835	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.33	232	96550	47.198	ng	98
60) Diethylphthalate	15.51	149	389296	43.923	ng	100
61) 4-Chlorophenyl-phenylether	15.74	204	169015	39.550	ng	99
62) 4-Nitroaniline	15.79	138	72627	37.518	ng	85
63) Azobenzene	16.03	77	245324	31.627	ng	94
65) 4,6-Dinitro-2-methylphenol	15.83	198	36016	32.572	ng	93
66) n-Nitrosodiphenylamine	15.96	169	234863	49.490	ng	100
67) 4-Bromophenyl-phenylether	16.64	248	96210	52.792	ng	98
68) Hexachlorobenzene	16.75	284	98923	52.625	ng	95
69) Atrazine	16.90	200	94805	53.538	ng	97
70) Pentachlorophenol	17.10	266	81343	63.177	ng	96
71) Phenanthrene	17.50	178	444138	52.552	ng	99
72) Anthracene	17.59	178	449220	54.887	ng	99
73) Carbazole	17.87	167	396499	48.812	ng	100
74) Di-n-butylphthalate	18.39	149	478848	50.460	ng	99
75) Fluoranthene	19.50	202	536802	54.364	ng	97
77) Benzidine	19.69	184	126361	23.168	ng	98
78) Pyrene	19.87	202	534958	47.304	ng	98
80) Butylbenzylphthalate	20.73	149	211171	46.427	ng	99
81) Benzo(a)anthracene	21.71	228	507886	51.126	ng	99
82) 3,3'-Dichlorobenzidine	21.63	252	83690	21.657	ng	# 99
83) Chrysene	21.78	228	469908	49.987	ng	99
84) Bis(2-ethylhexyl)phthalate	21.58	149	294469	45.676	ng	98
85) Di-n-octyl phthalate	22.81	149	499001	45.140	ng	98
86) Indeno(1,2,3-cd)pyrene	28.83	276	551442	51.616	ng	# 96
88) Benzo(b)fluoranthene	23.99	252	497484	50.815	ng	# 97
89) Benzo(k)fluoranthene	24.05	252	492649	50.525	ng	# 98
90) Benzo(a)pyrene	24.89	252	486710	51.253	ng	# 97
91) Dibenzo(a,h)anthracene	28.90	278	450390	50.006	ng	# 96
92) Benzo(g,h,i)perylene	30.03	276	446927	50.015	ng	# 93

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



#1

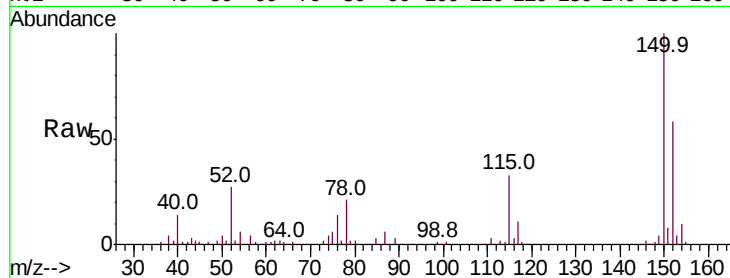
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. 0.00 min
Lab File: BG038476.D
Acq: 11 Dec 2018 19:19

Instrument :
BNA_G
ClientSampleId :
OR-02-121018-AMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	171.7	126.0	189.0
115	57.3	45.5	68.3

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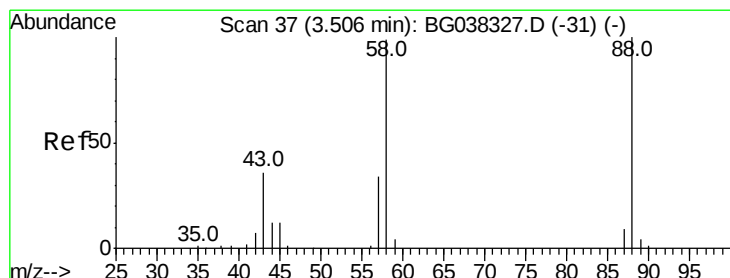
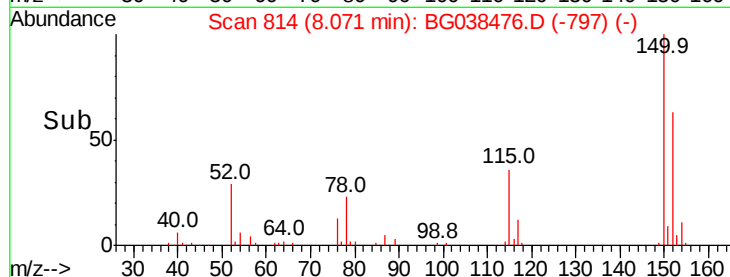
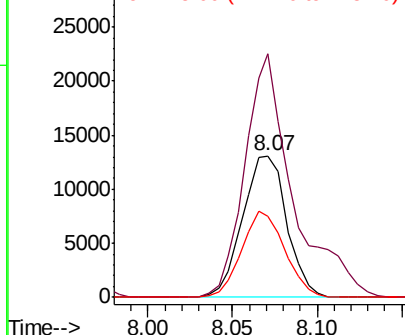


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

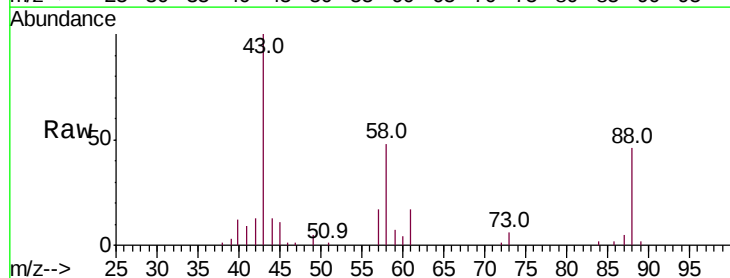
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 31.009 ng
RT: 3.51 min Scan# 38
Delta R.T. 0.01 min
Lab File: BG038476.D
Acq: 11 Dec 2018 19:19

Tgt Ion	Ratio	Lower	Upper
88	100		
58	104.3	74.4	111.6
43	256.7	25.8	38.8#

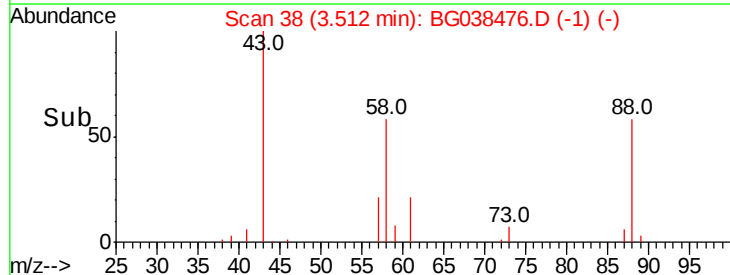
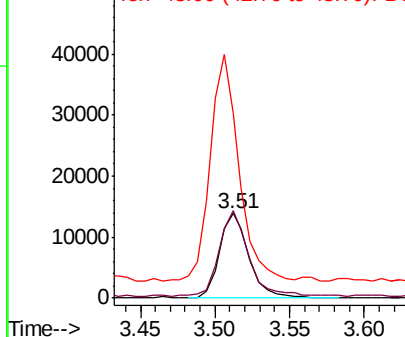


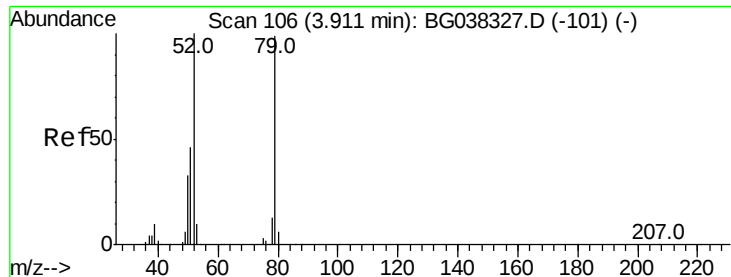
Abundance

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





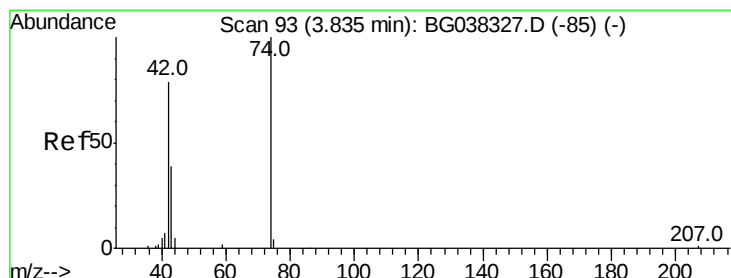
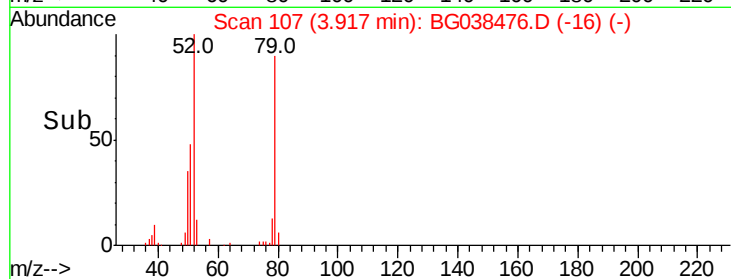
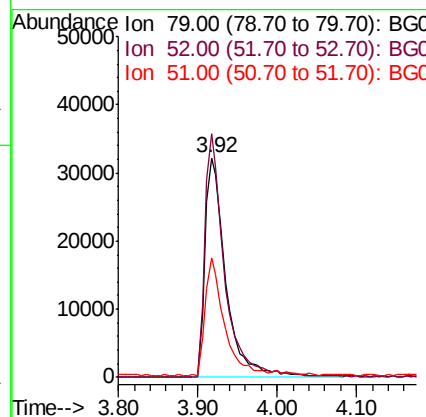
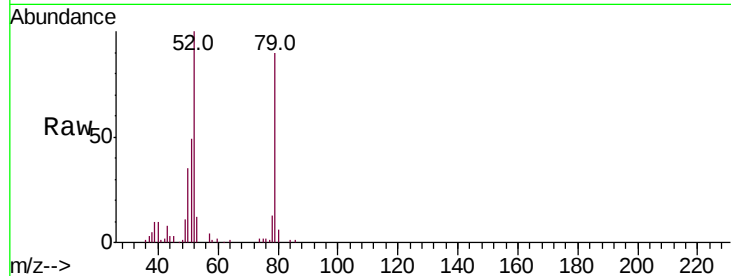
#3
 Pvridine
 Concen: 32.534 ng
 RT: 3.92 min Scan# 107
 Delta R.T. 0.01 min
 Lab File: BG038476.D
 Acq: 11 Dec 2018 19:19

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-121018-AMSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	111.0	74.2	111.2
51	54.6	34.6	51.8

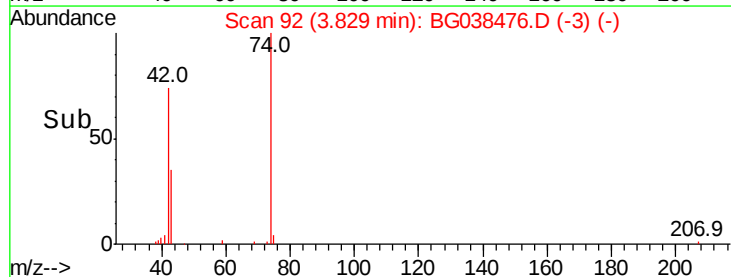
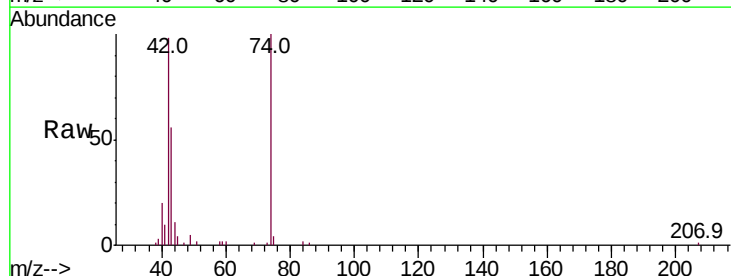
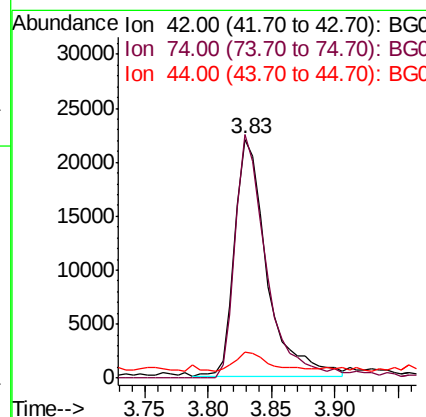
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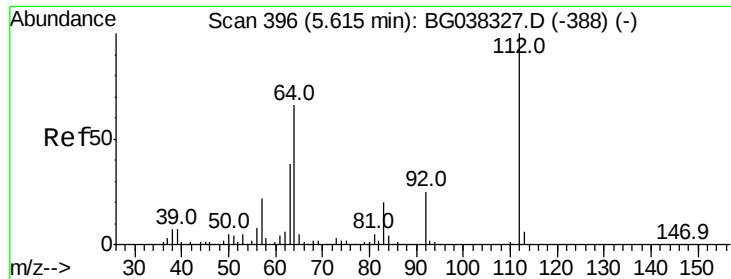
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#4
 n-Nitrosodimethylamine
 Concen: 47.659 ng
 RT: 3.83 min Scan# 92
 Delta R.T. -0.01 min
 Lab File: BG038476.D
 Acq: 11 Dec 2018 19:19

Tgt Ion	Ratio	Lower	Upper
42	100		
74	101.9	102.0	153.0
44	10.9	9.6	14.4





#5

2-Fluorophenol

Concen: 141.913 ng

RT: 5.62 min Scan# 396

Delta R.T. 0.00 min

Lab File: BG038476.D

Acq: 11 Dec 2018 19:19

Instrument :

BNA_G

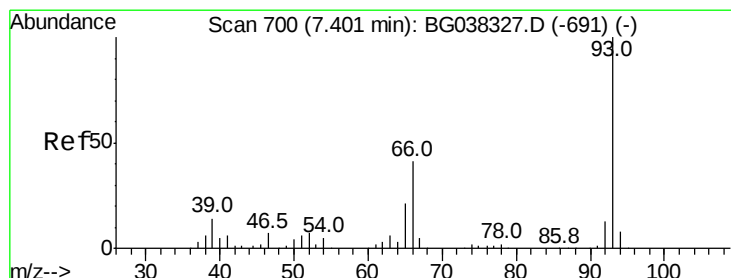
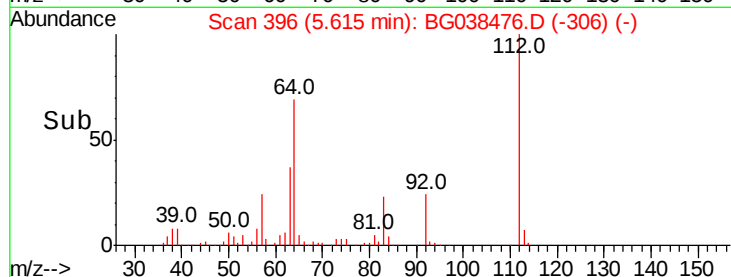
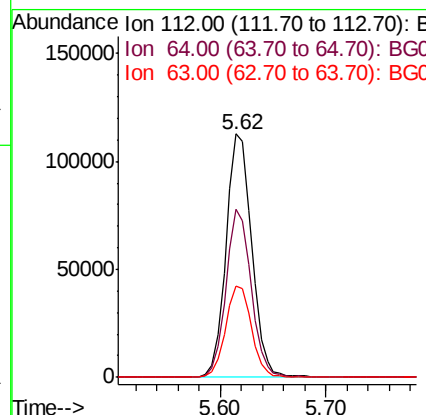
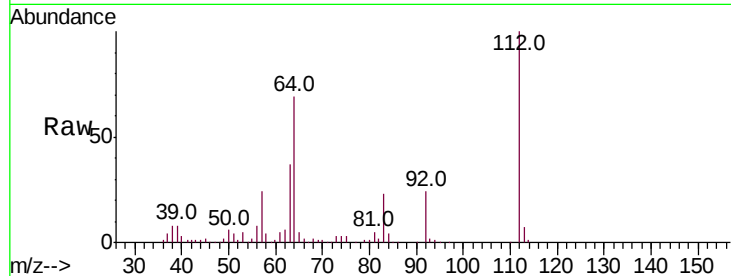
ClientSampleId :

OR-02-121018-AMSD

Tot Ion:	112	Resp:	190282
Ion Ratio	Lower	Upper	
112	100		
64	68.8	53.1	79.7
63	37.5	27.3	40.9

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#6

Aniline

Concen: 13.553 ng

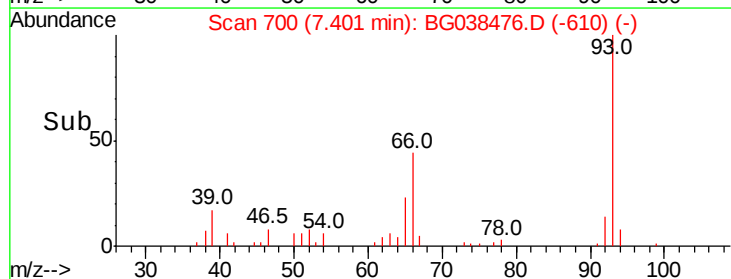
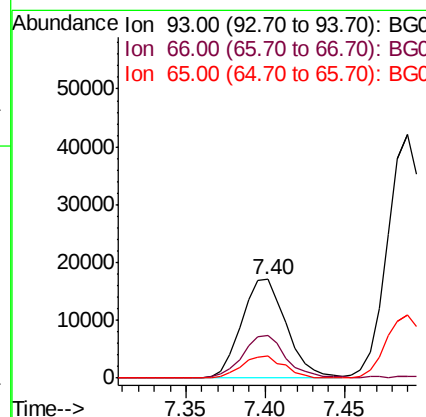
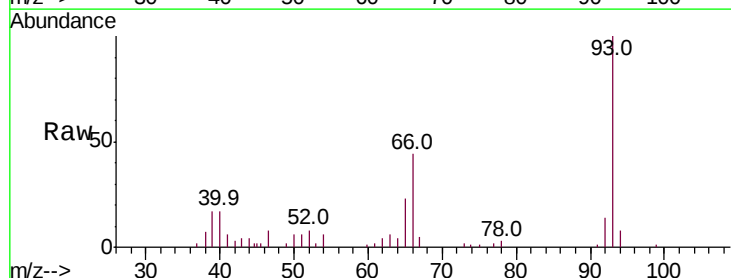
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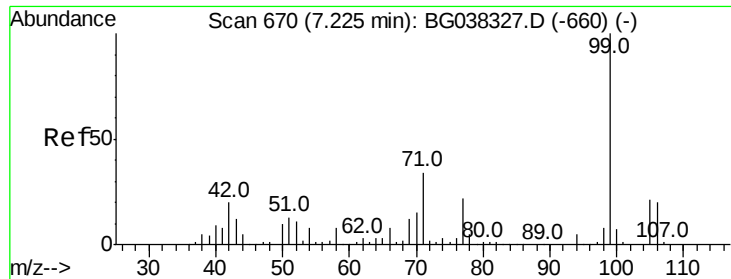
Delta R.T. 0.00 min

Lab File: BG038476.D

Acq: 11 Dec 2018 19:19

Tgt Ion:	93	Resp:	33546
Ion Ratio	Lower	Upper	
93	100		
66	43.9	32.8	49.2
65	23.1	16.4	24.6





#7

Phenol-d6

Concen: 128.248 ng

RT: 7.23 min Scan# 670

Delta R.T. 0.00 min

Lab File: BG038476.D

Acq: 11 Dec 2018 19:19

Instrument :

BNA_G

ClientSampleId :

OR-02-121018-AMSD

Tot Ion: 99 Resp: 248540

Ion Ratio Lower Upper

99 100

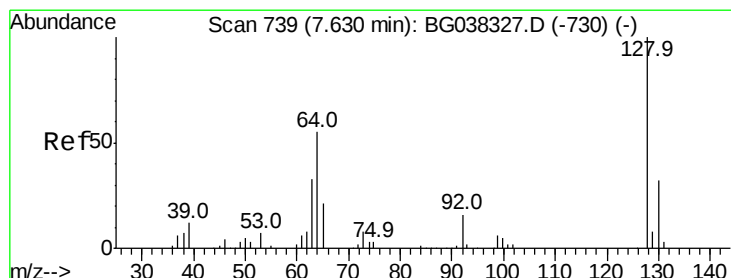
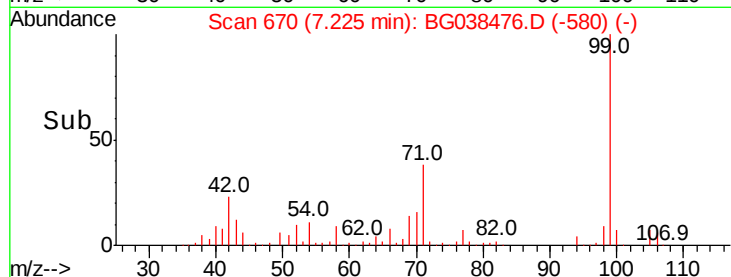
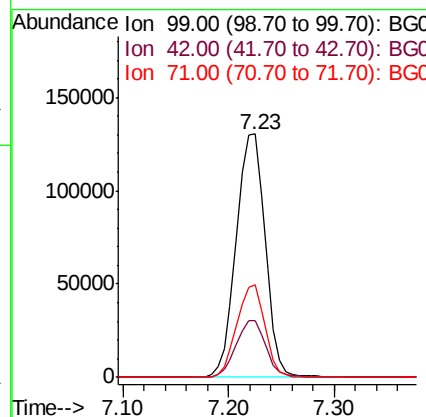
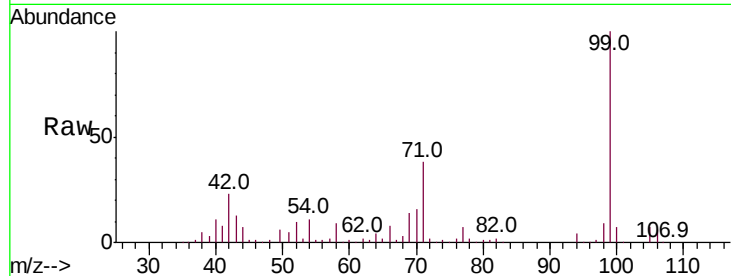
42 23.4 15.0 22.4#

71 38.3 25.5 38.3#

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#8

2-Chlorophenol

Concen: 47.935 ng

RT: 7.63 min Scan# 739

Delta R.T. 0.00 min

Lab File: BG038476.D

Acq: 11 Dec 2018 19:19

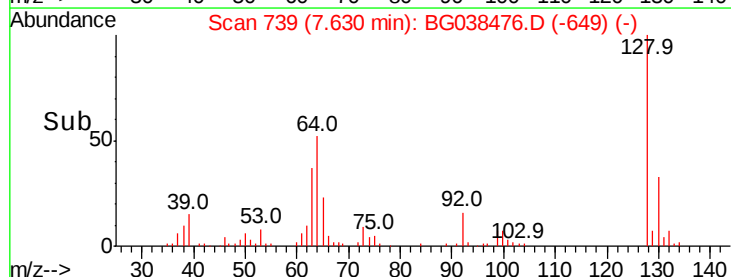
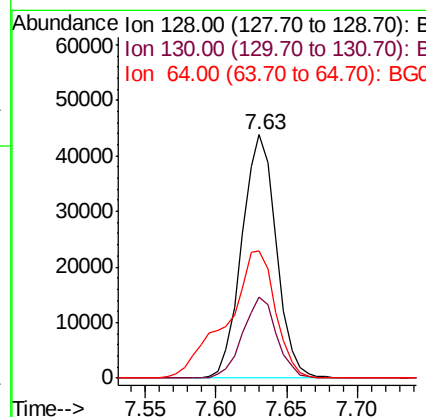
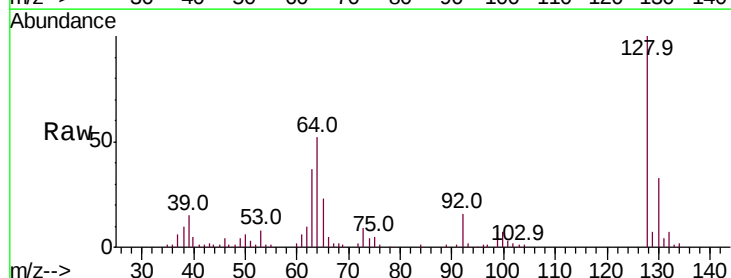
Tgt Ion: 128 Resp: 74645

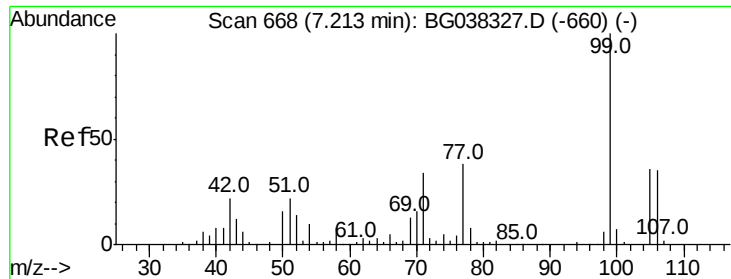
Ion Ratio Lower Upper

128 100

130 33.1 12.0 52.0

64 52.1 32.9 72.9





#9

Benzaldehyde

Concen: 27.085 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG038476.D

Acq: 11 Dec 2018 19:19

Instrument :

BNA_G

ClientSampleId :

OR-02-121018-AMSD

Tot Ion: 77 Resp: 33238

Ion Ratio Lower Upper

77 100

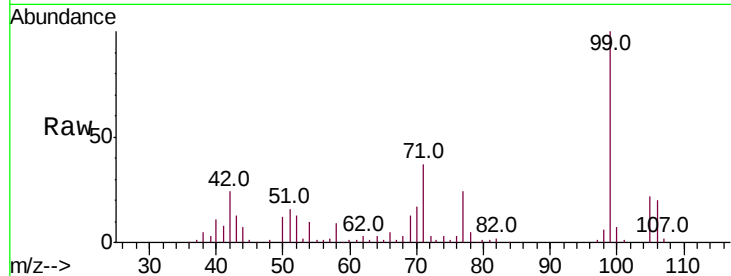
105 89.9 72.6 112.6

106 84.1 71.3 111.3

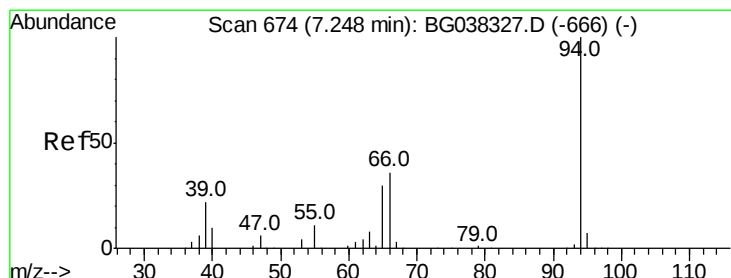
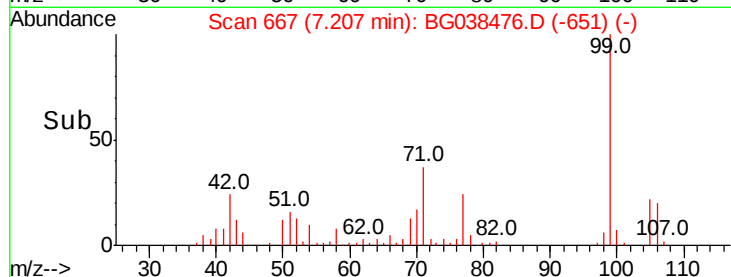
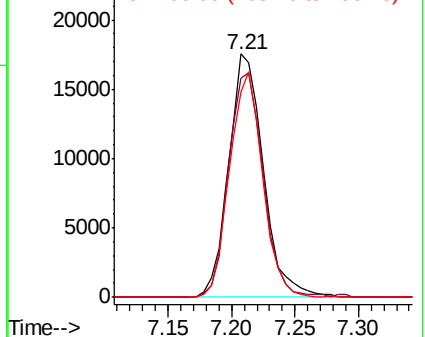
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 40.397 ng

RT: 7.25 min Scan# 674

Delta R.T. 0.00 min

Lab File: BG038476.D

Acq: 11 Dec 2018 19:19

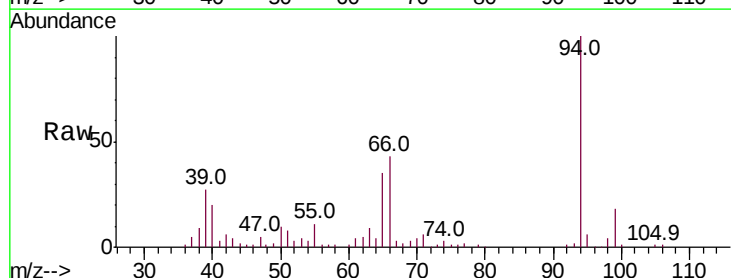
Tgt Ion: 94 Resp: 82717

Ion Ratio Lower Upper

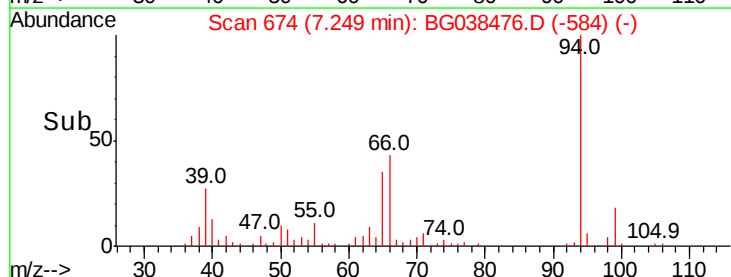
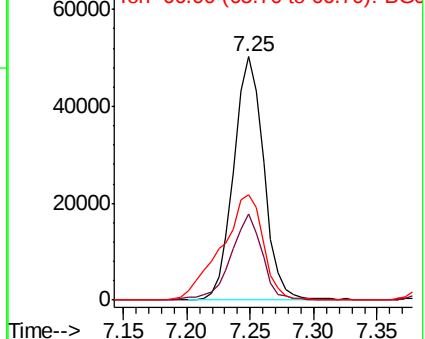
94 100

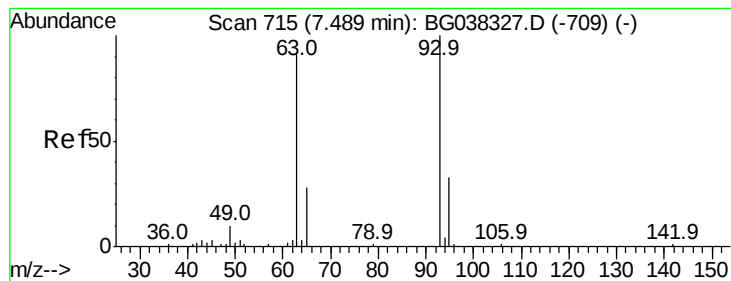
65 35.4 9.7 49.7

66 43.4 15.9 55.9



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





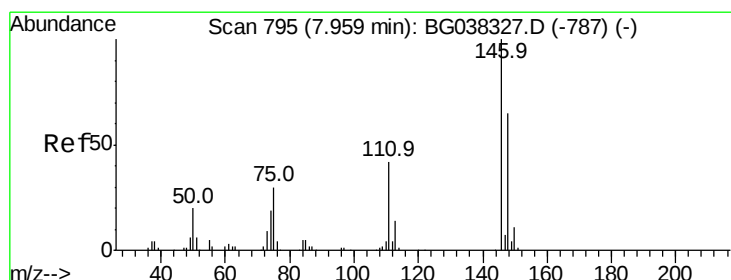
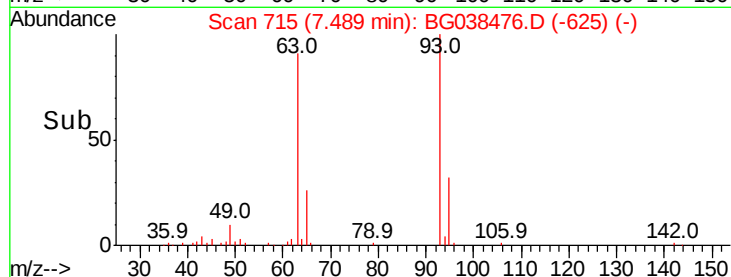
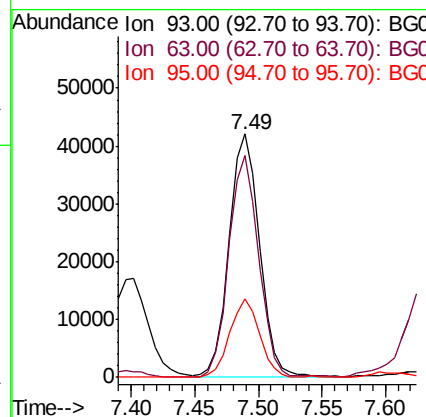
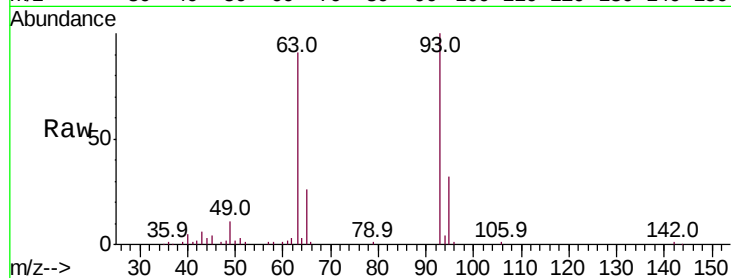
#11
bis(2-Chloroethyl)ether
Concen: 41.985 ng
RT: 7.49 min Scan# 715
Delta R.T. 0.00 min
Lab File: BG038476.D
Acq: 11 Dec 2018 19:19

Instrument :
BNA_G
ClientSampleId :
OR-02-121018-AMSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	90.9	69.5	109.5
95	32.3	12.6	52.6

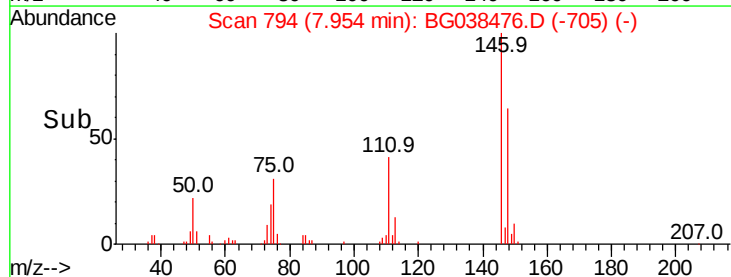
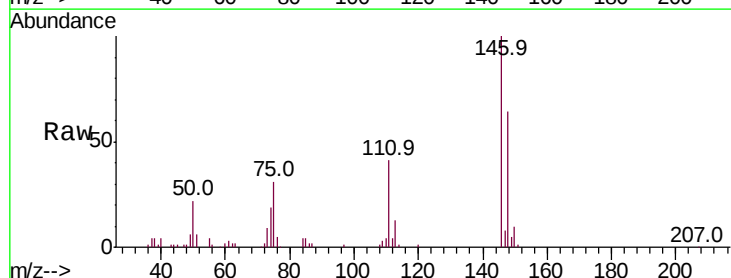
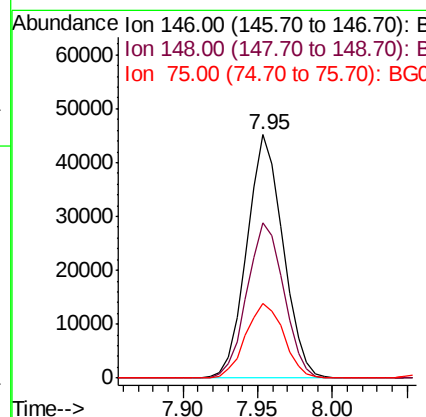
Manual Integrations
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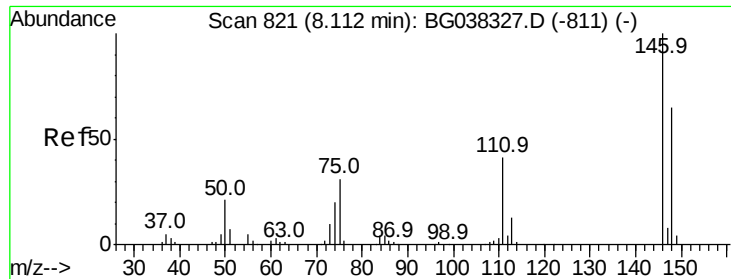
Sohil
12/12/2018 5:38:43 PM



#12
1,3-Dichlorobenzene
Concen: 41.420 ng
RT: 7.95 min Scan# 794
Delta R.T. -0.01 min
Lab File: BG038476.D
Acq: 11 Dec 2018 19:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	49.8	74.8
75	30.7	23.2	34.8





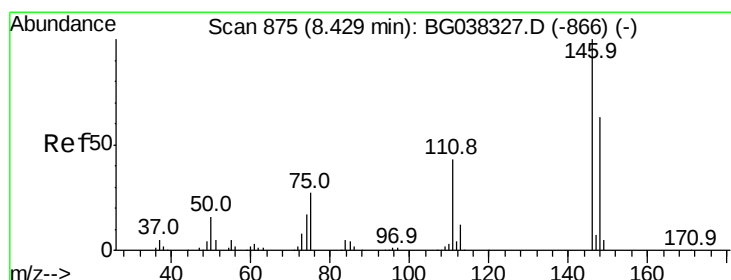
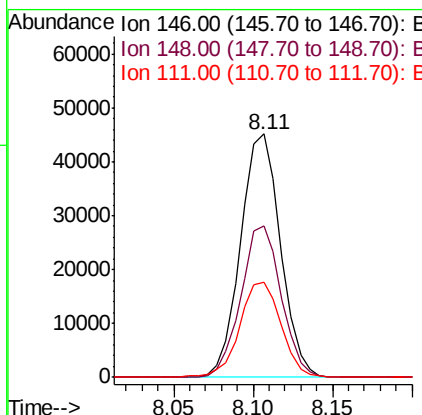
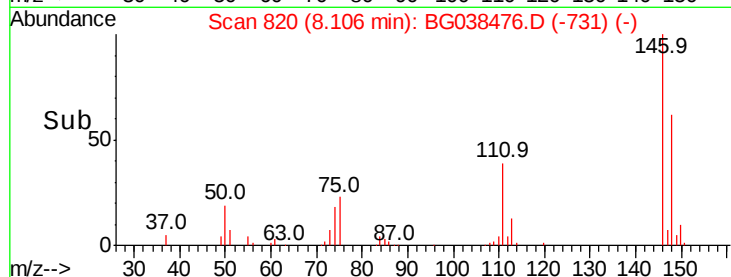
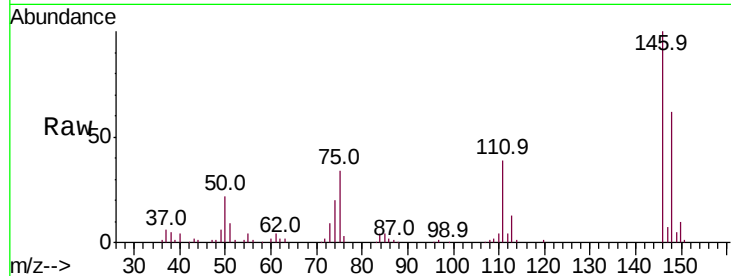
#13
1,4-Dichlorobenzene
Concen: 41.968 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.01 min
Lab File: BG038476.D
Acq: 11 Dec 2018 19:19

Instrument :
BNA_G
ClientSampleId :
OR-02-121018-AMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.3	51.0	76.6
111	39.3	32.4	48.6

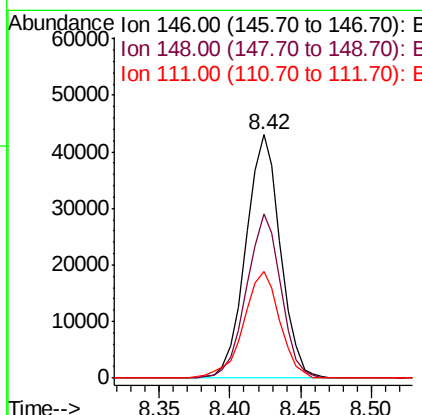
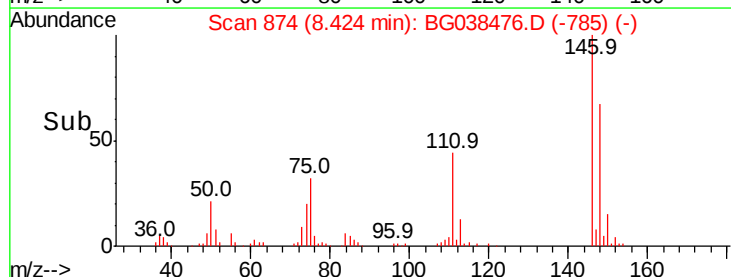
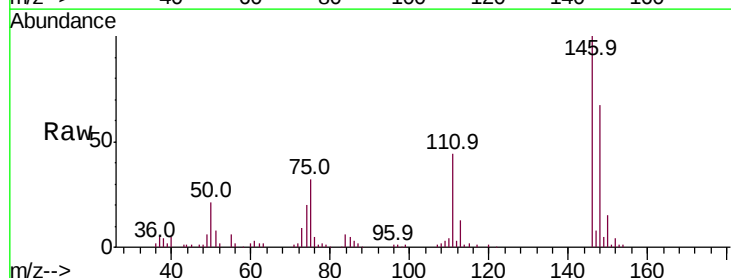
Manual Integrations
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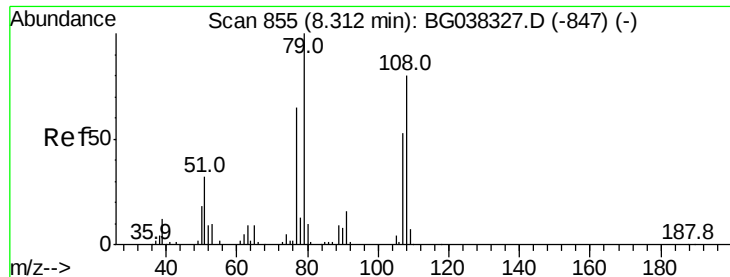
Sohil
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#14
1,2-Dichlorobenzene
Concen: 43.020 ng
RT: 8.42 min Scan# 874
Delta R.T. -0.01 min
Lab File: BG038476.D
Acq: 11 Dec 2018 19:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.3	50.4	75.6
111	44.1	34.6	51.8





#15

Benzyl Alcohol

Concen: 45.097 ng

RT: 8.31 min Scan# 855

Delta R.T. 0.00 min

Lab File: BG038476.D

Acq: 11 Dec 2018 19:19

Instrument :

BNA_G

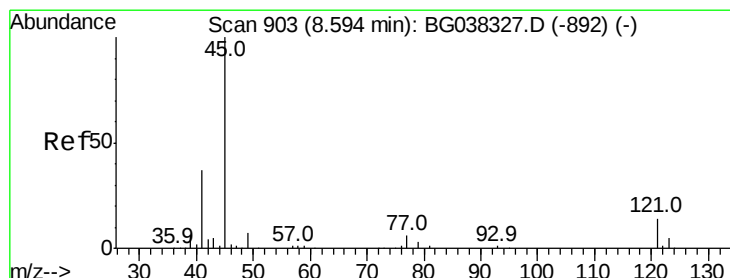
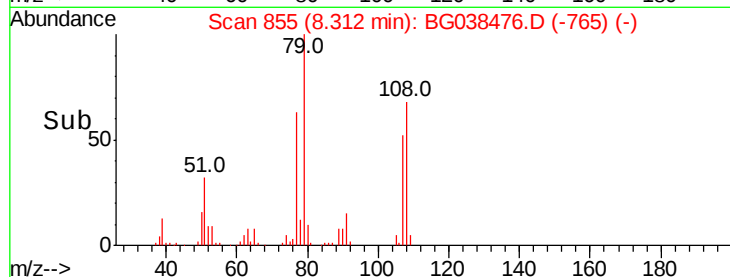
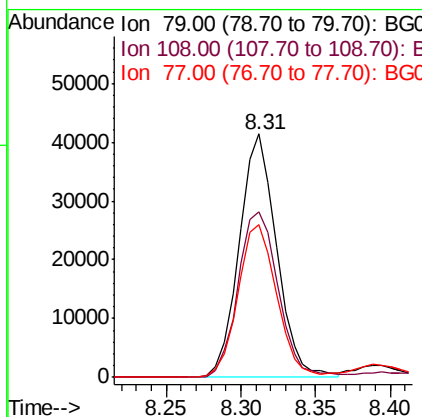
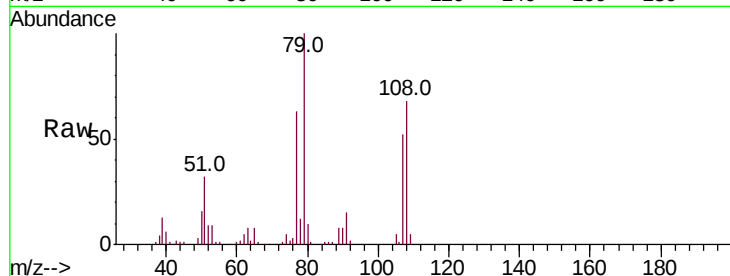
ClientSampleId :

OR-02-121018-AMSD

Tot Ion:	79	Resp:	71852
Ion Ratio	Lower	Upper	
79	100		
108	68.0	65.8	98.8
77	62.9	52.9	79.3

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#16

2,2'-oxybis(1-chloropropane)

Concen: 41.166 ng

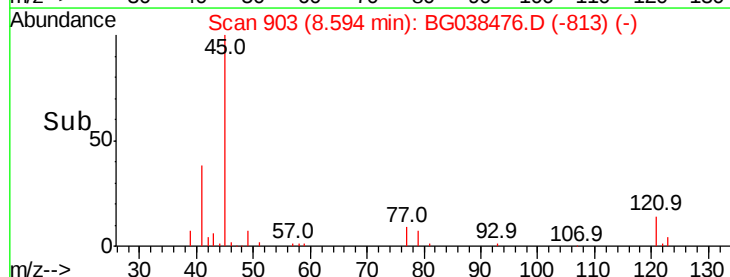
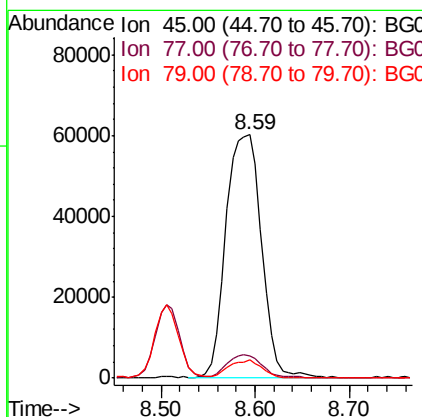
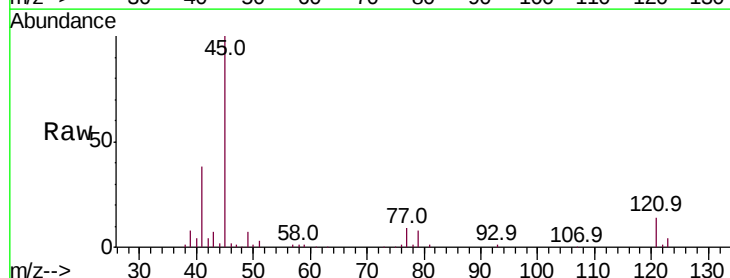
RT: 8.59 min Scan# 903

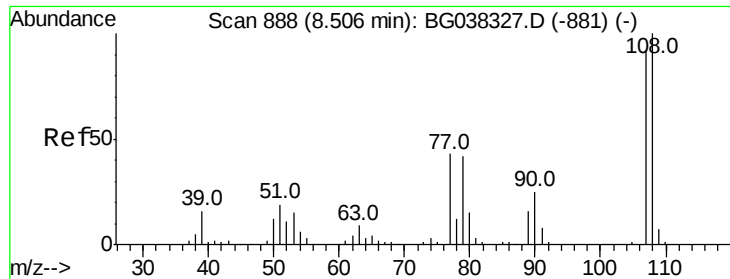
Delta R.T. 0.00 min

Lab File: BG038476.D

Acq: 11 Dec 2018 19:19

Tgt Ion:	45	Resp:	157023
Ion Ratio	Lower	Upper	
45	100		
77	9.3	0.0	30.0
79	7.5	0.0	29.0





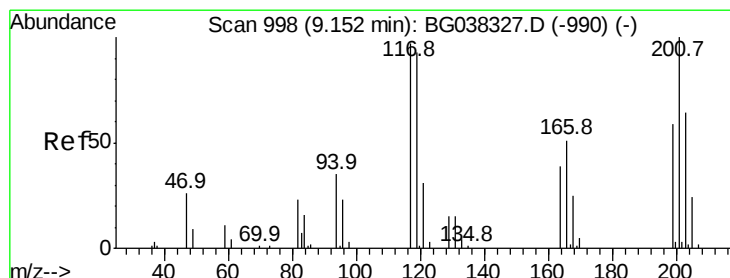
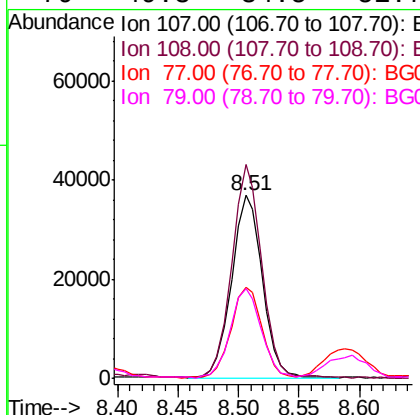
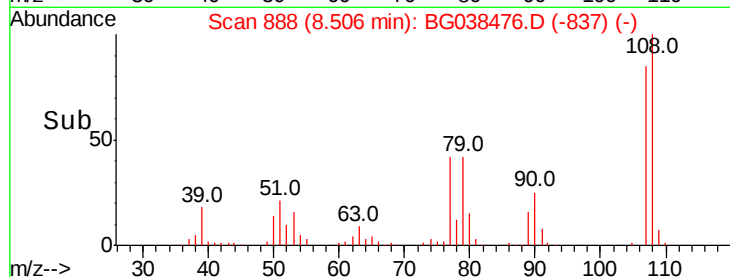
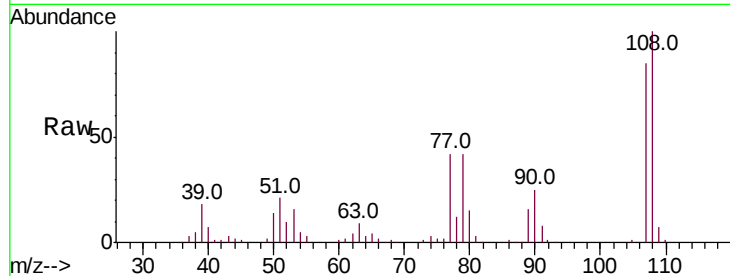
#17
2-Methylphenol
Concen: 46.882 ng
RT: 8.51 min Scan# 888
Delta R.T. 0.00 min
Lab File: BG038476.D
Acq: 11 Dec 2018 19:19

Instrument :
BNA_G
ClientSampleId :
OR-02-121018-AMSD

Tot Ion	107	Resp	65764
Ion Ratio	Lower	Upper	
107	100		
108	117.0	87.9	131.9
77	49.7	35.1	52.7
79	49.3	34.5	51.7

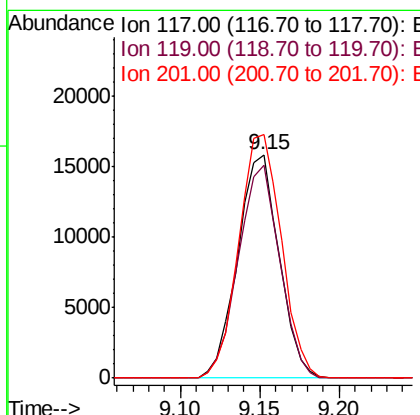
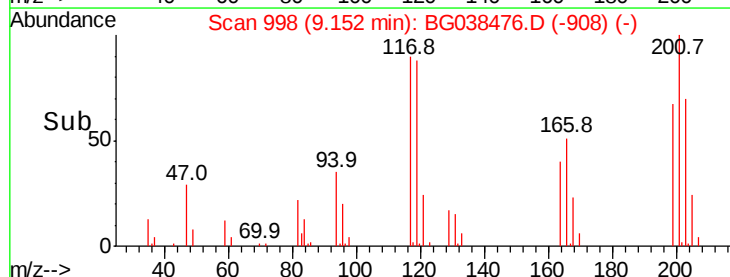
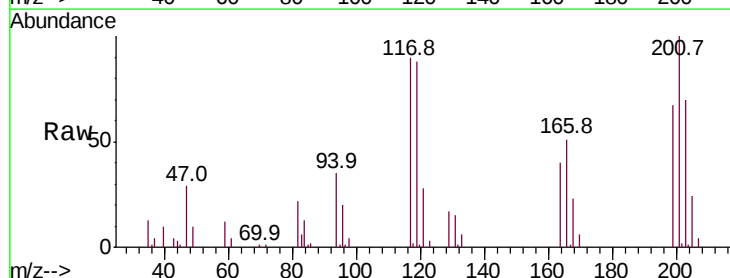
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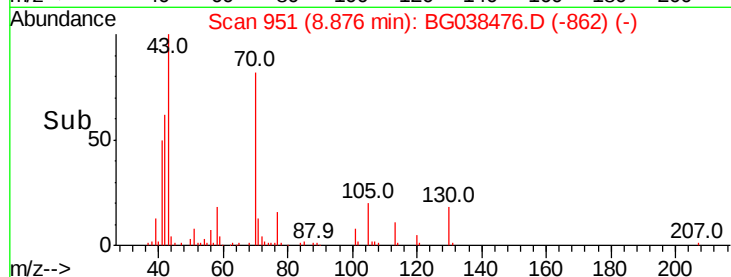
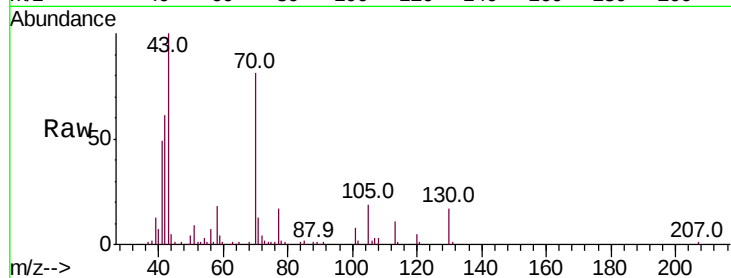
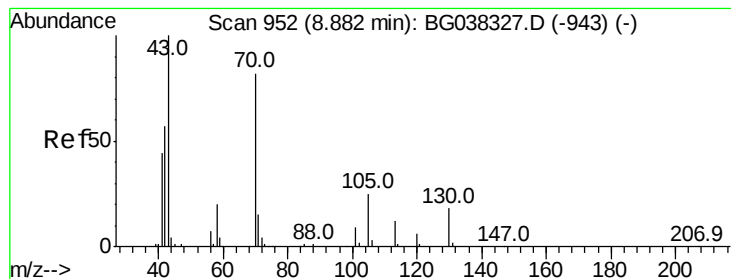
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#18
Hexachloroethane
Concen: 42.413 ng
RT: 9.15 min Scan# 998
Delta R.T. 0.00 min
Lab File: BG038476.D
Acq: 11 Dec 2018 19:19

Tgt Ion	117	Resp	28826
Ion Ratio	Lower	Upper	
117	100		
119	96.8	74.6	111.8
201	111.7	80.8	121.2





#19

n-Nitroso-di-n-propylamine

Concen: 43.022 ng

RT: 8.88 min Scan# 951

Delta R.T. -0.00 min

Lab File: BG038476.D

Acq: 11 Dec 2018 19:19

Instrument :

BNA_G

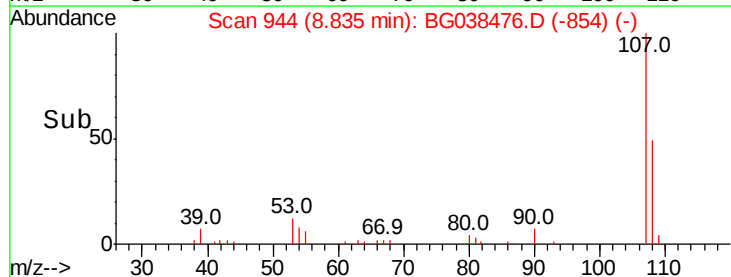
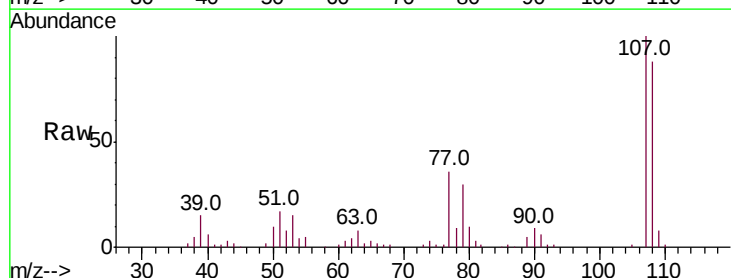
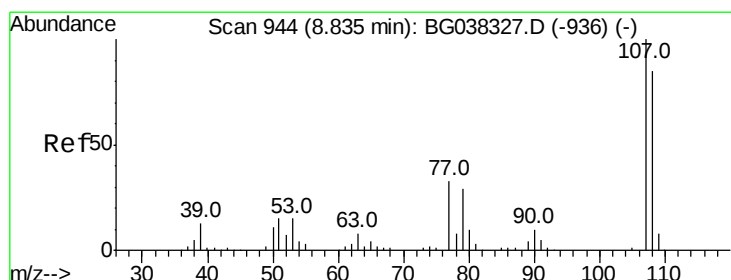
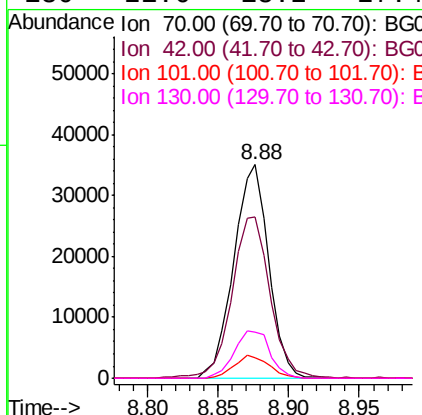
ClientSampleId :

OR-02-121018-AMSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	75.3	53.9	80.9	
101	9.3	8.2	12.2	
130	21.6	18.2	27.4	

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#20

3+4-Methylphenols

Concen: 44.271 ng

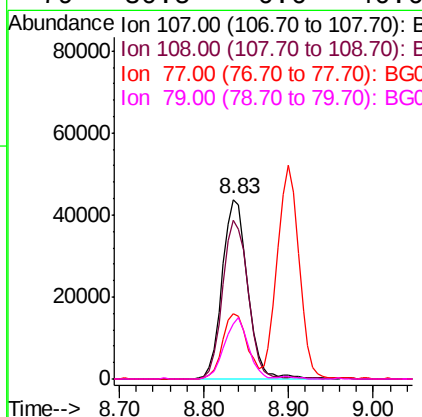
RT: 8.83 min Scan# 944

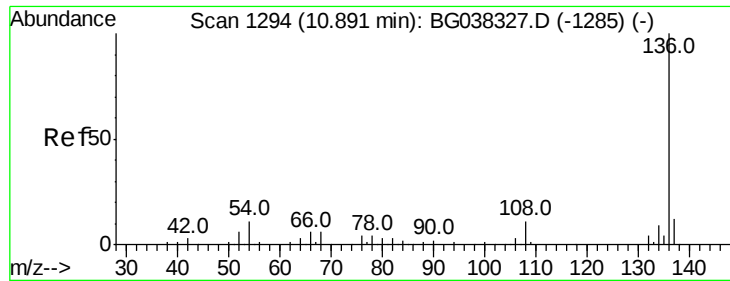
Delta R.T. 0.00 min

Lab File: BG038476.D

Acq: 11 Dec 2018 19:19

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.5	69.9	109.9	
77	36.4	11.2	51.2	
79	30.5	6.6	46.6	





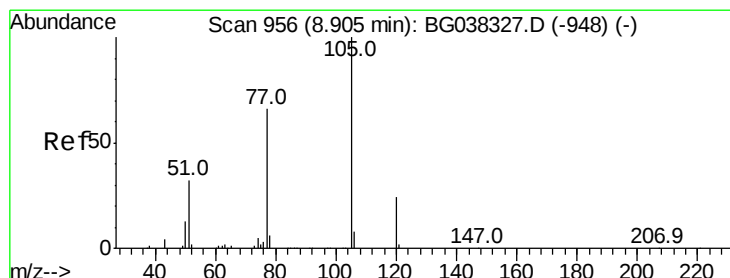
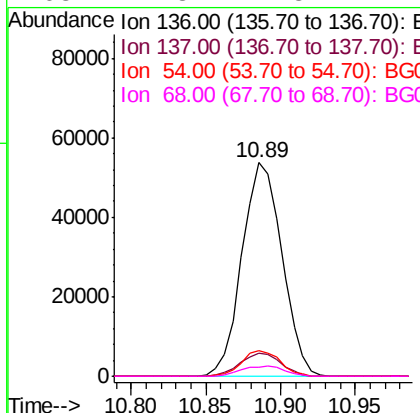
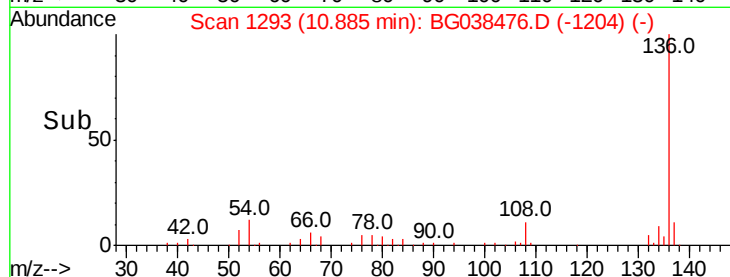
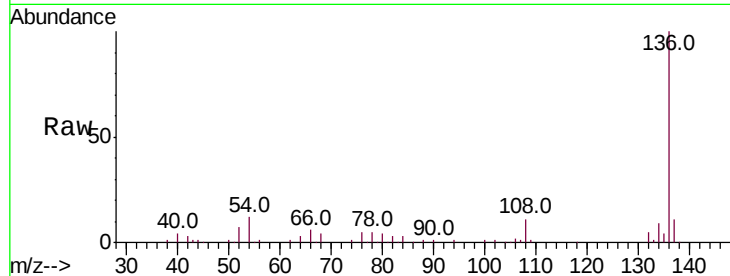
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BG038476.D
Acq: 11 Dec 2018 19:19

Instrument :
BNA_G
ClientSampleId :
OR-02-121018-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	9.6	14.4	
54	11.9	7.9	11.9	
68	4.3	4.8	7.2	

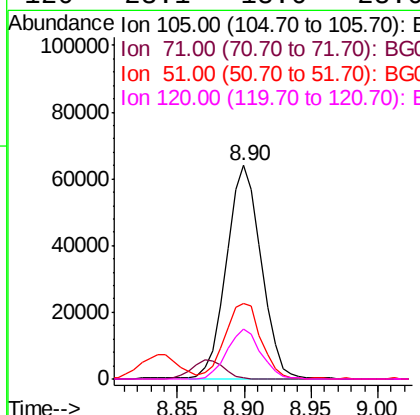
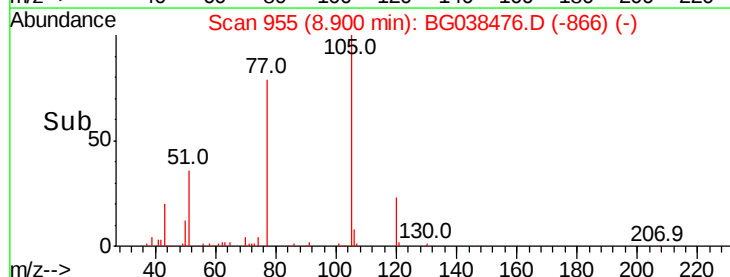
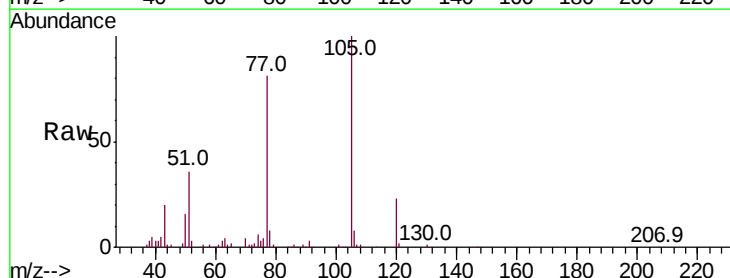
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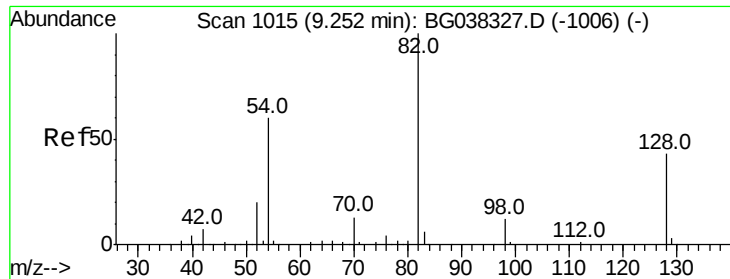
Sohil
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#22
Acetophenone
Concen: 48.829 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.01 min
Lab File: BG038476.D
Acq: 11 Dec 2018 19:19

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.7	1.2	1.8	
51	35.6	25.0	37.6	
120	23.1	18.6	28.0	





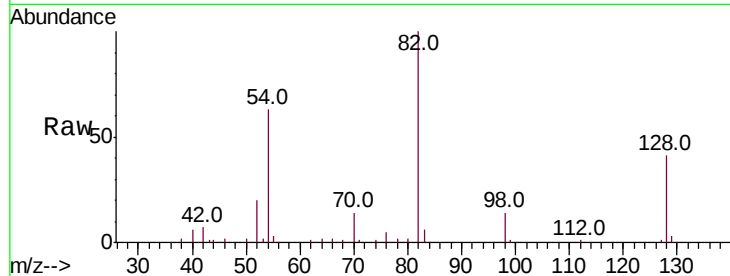
#23
Nitrobenzene-d5
Concen: 94.318 ng
RT: 9.25 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BG038476.D
Acq: 11 Dec 2018 19:19

Instrument :
BNA_G
ClientSampleId :
OR-02-121018-AMSD

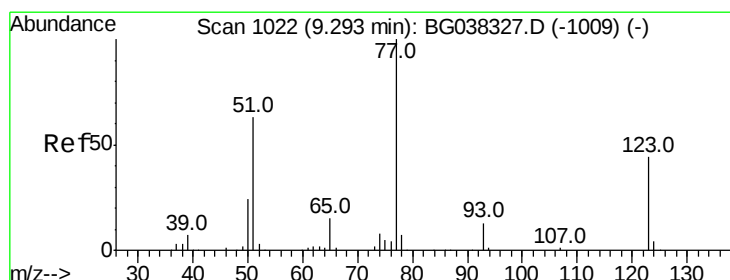
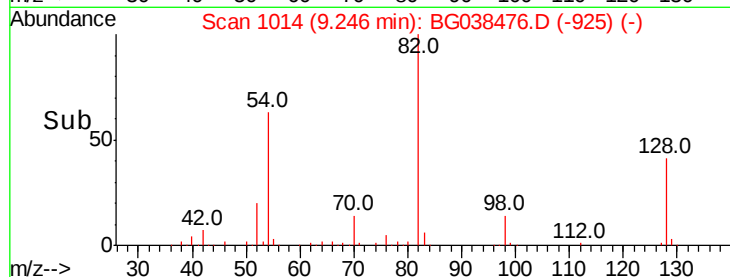
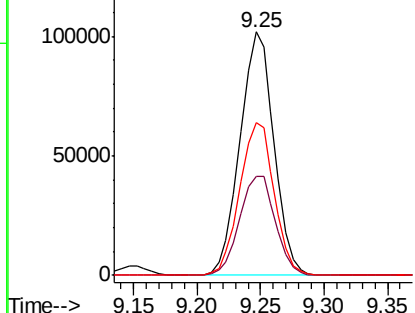
Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	40.7	34.6	51.8	
54	62.6	45.3	67.9	

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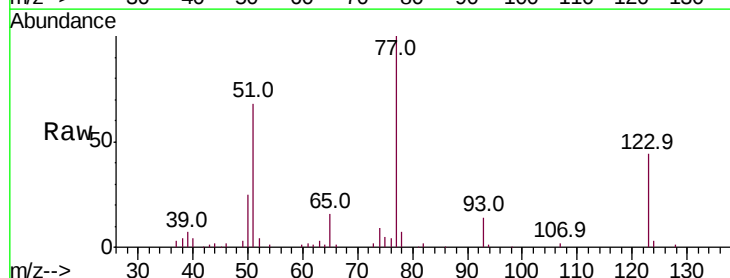


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

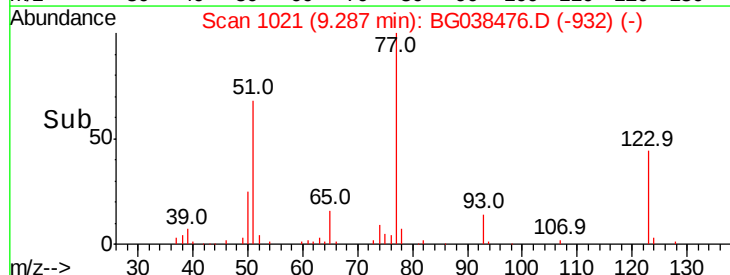
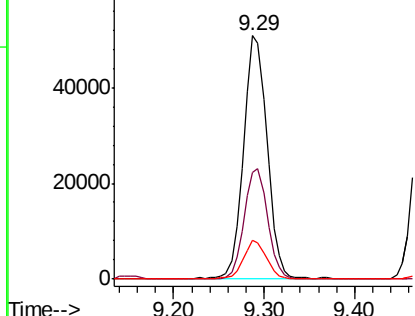


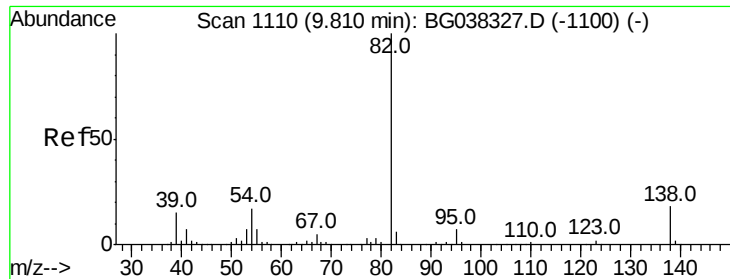
#24
Nitrobenzene
Concen: 45.116 ng
RT: 9.29 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG038476.D
Acq: 11 Dec 2018 19:19

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	43.8	33.6	50.4	
65	16.1	11.3	16.9	



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 49.464 ng

RT: 9.80 min Scan# 1108

Delta R.T. -0.01 min

Lab File: BG038476.D

Acq: 11 Dec 2018 19:19

Instrument :

BNA_G

ClientSampleId :

OR-02-121018-AMSD

Tot Ion: 82 Resp: 174487

Ion Ratio Lower Upper

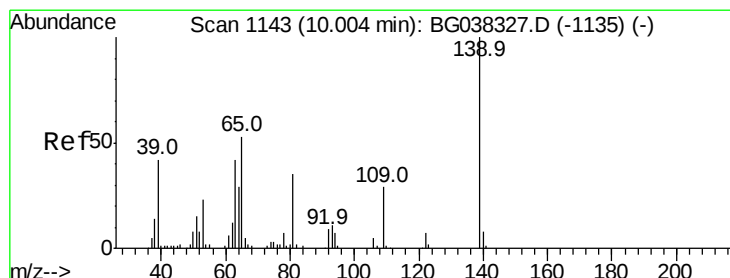
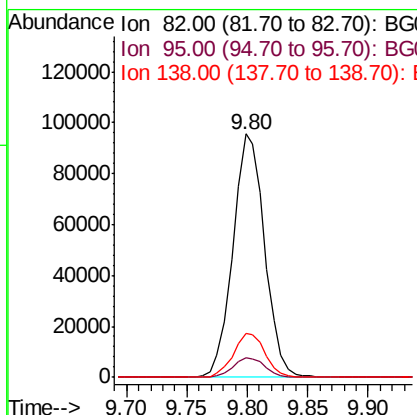
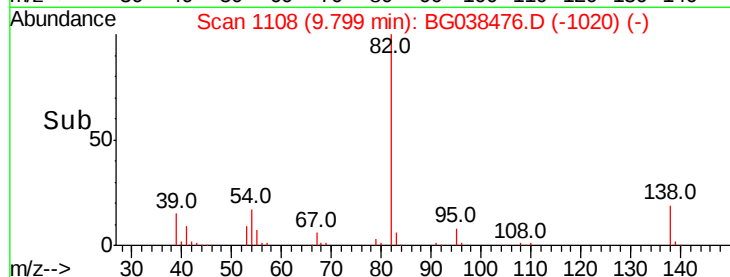
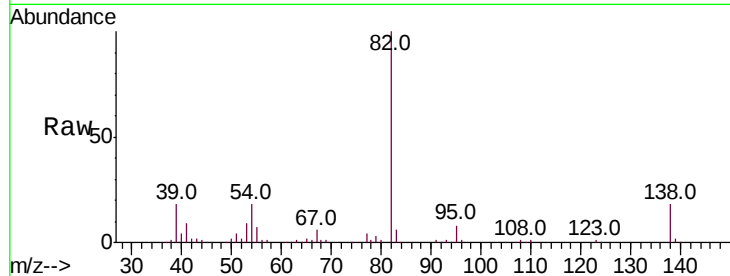
82 100

95 8.0 5.3 7.9#

138 18.1 13.3 19.9

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#26

2-Nitrophenol

Concen: 48.365 ng

RT: 10.00 min Scan# 1142

Delta R.T. -0.01 min

Lab File: BG038476.D

Acq: 11 Dec 2018 19:19

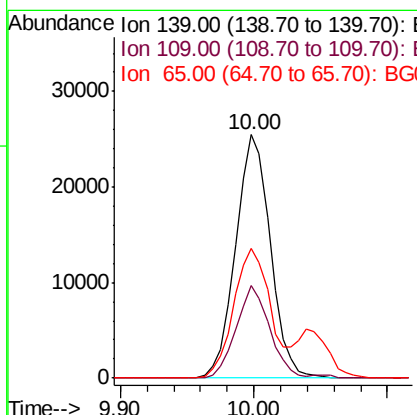
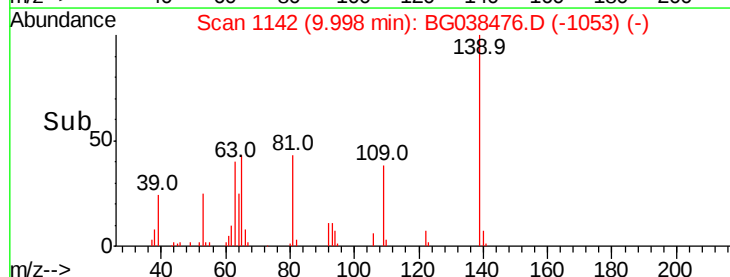
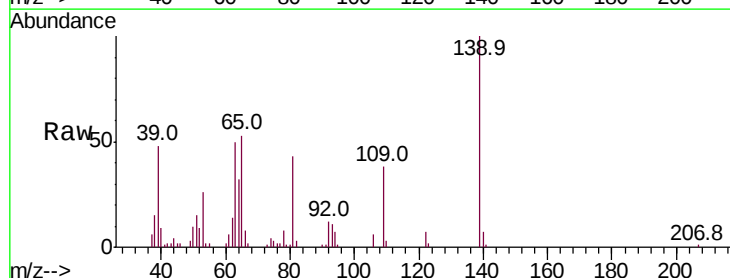
Tgt Ion: 139 Resp: 45702

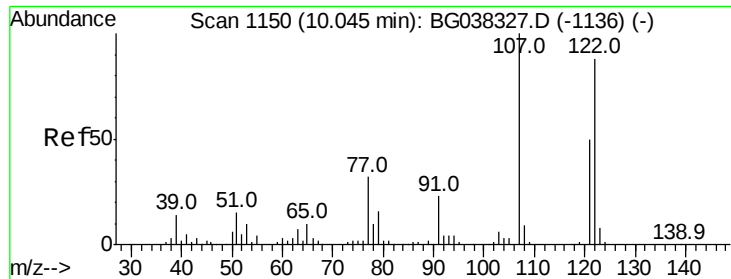
Ion Ratio Lower Upper

139 100

109 38.0 23.3 34.9#

65 53.3 39.8 59.8





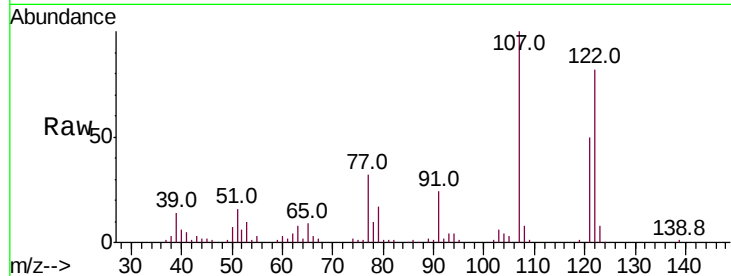
#27
2,4-Dimethylphenol
Concen: 58.491 ng
RT: 10.05 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BG038476.D
Acq: 11 Dec 2018 19:19

Instrument :
BNA_G
ClientSampleId :
OR-02-121018-AMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	121.8	94.2	141.2
121	60.7	47.3	70.9

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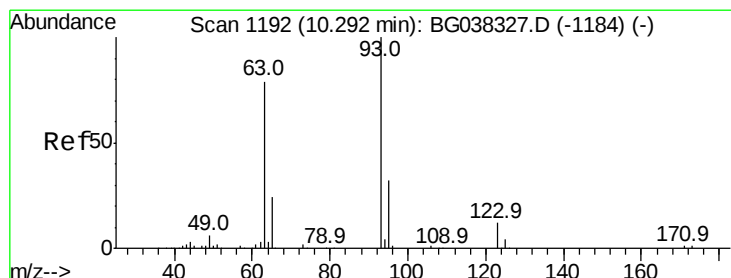
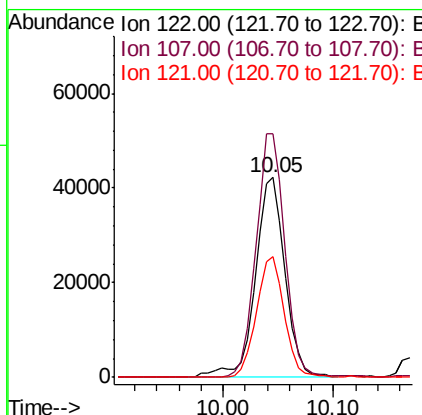
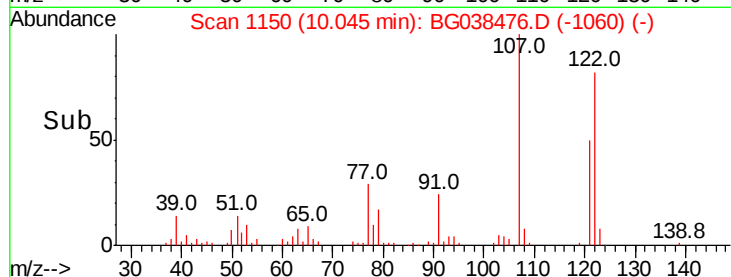


Abundance

Ion 122.00 (121.70 to 122.70): E

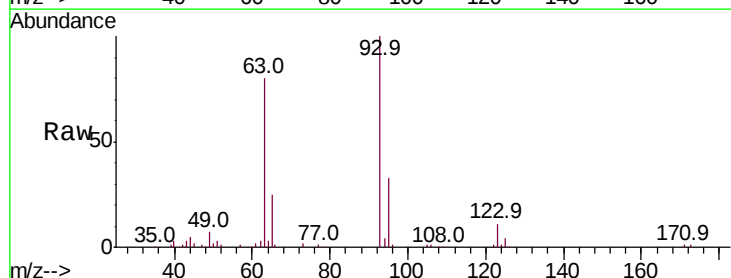
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 48.969 ng
RT: 10.29 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BG038476.D
Acq: 11 Dec 2018 19:19

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	24.6	37.0
123	10.9	9.1	13.7

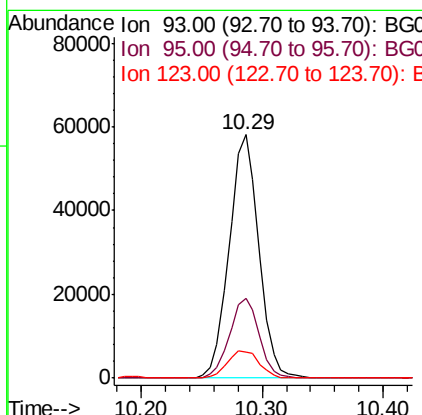
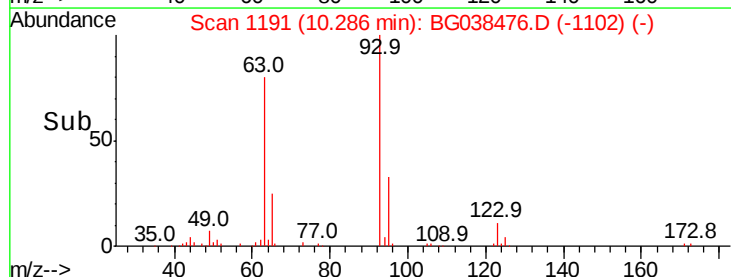


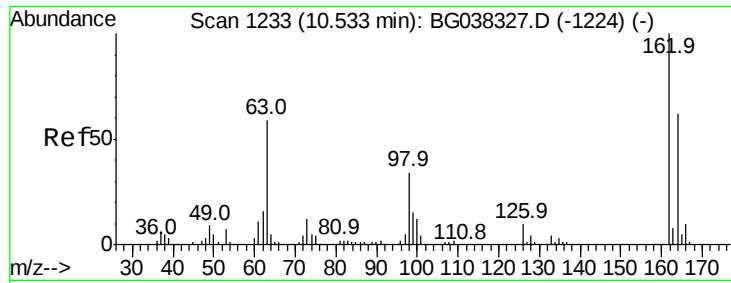
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





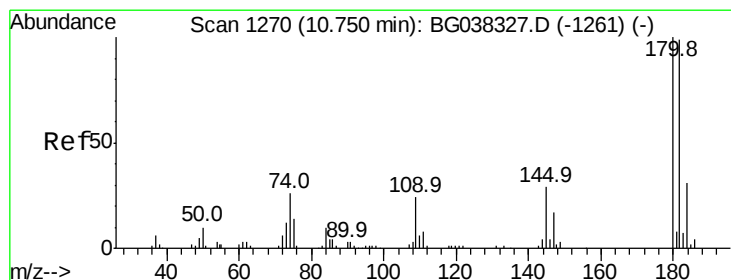
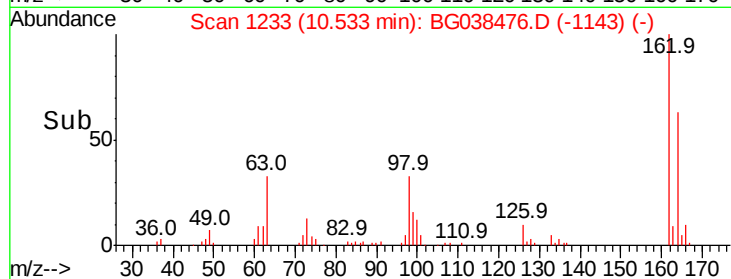
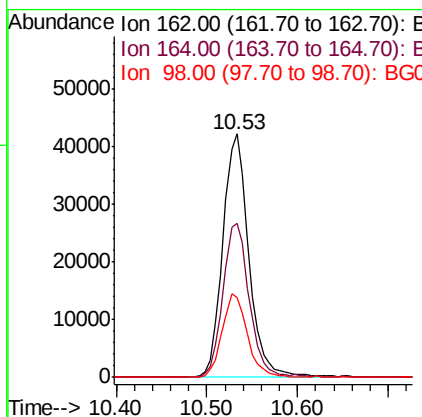
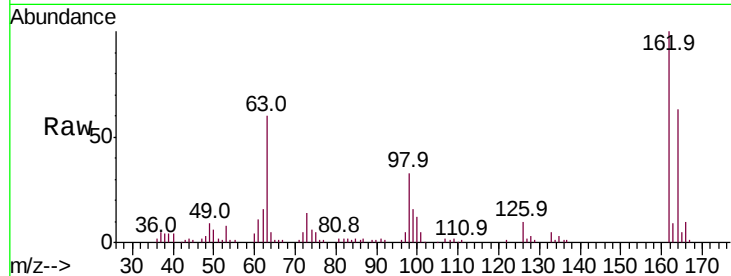
#29
 2,4-Dichlorophenol
 Concen: 54.266 ng
 RT: 10.53 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: BG038476.D
 Acq: 11 Dec 2018 19:19

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-121018-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	84075		
164	63.5	43.2	83.2	
98	32.7	16.0	56.0	

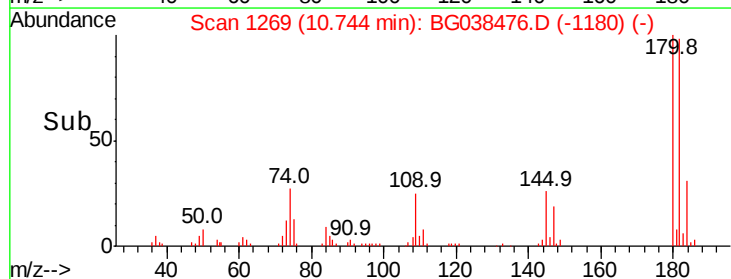
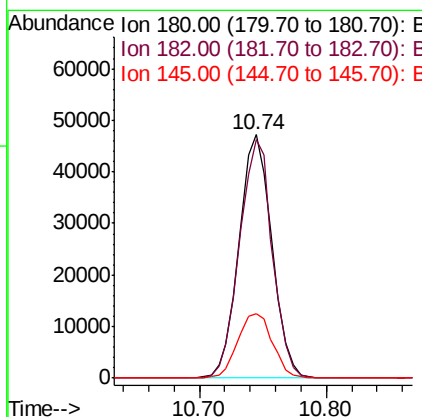
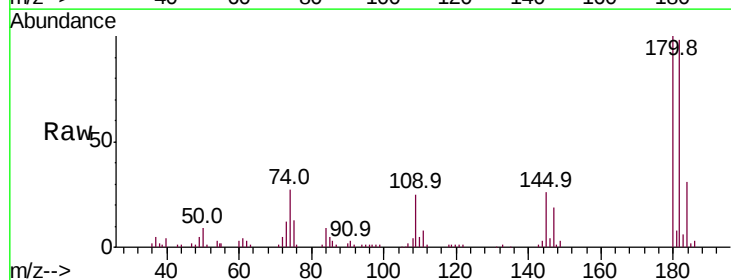
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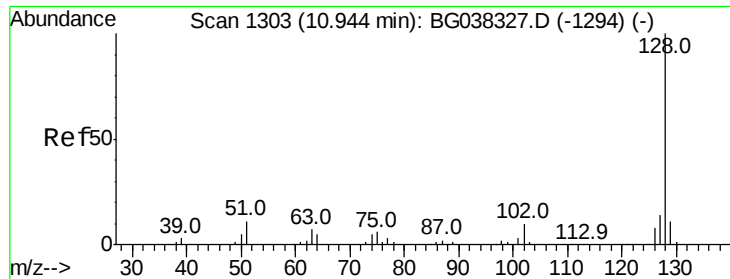
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#30
 1,2,4-Trichlorobenzene
 Concen: 46.548 ng
 RT: 10.74 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: BG038476.D
 Acq: 11 Dec 2018 19:19

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	84657		
182	97.9	77.7	116.5	
145	26.3	23.3	34.9	





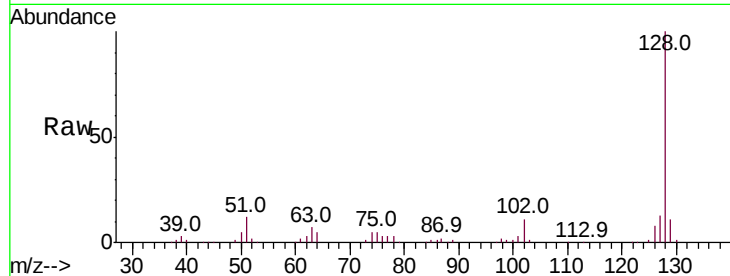
#31
Naphthalene
Concen: 50.651 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BG038476.D
Acq: 11 Dec 2018 19:19

Instrument :
BNA_G
ClientSampleId :
OR-02-121018-AMSD

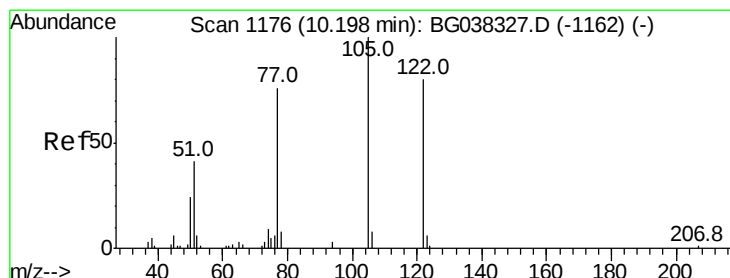
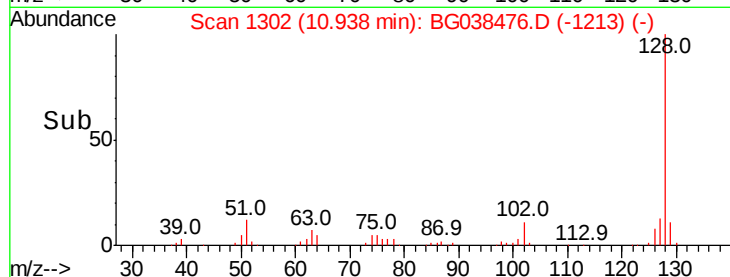
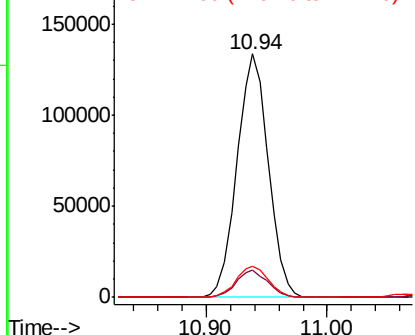
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.6
127	12.8	11.1	16.7

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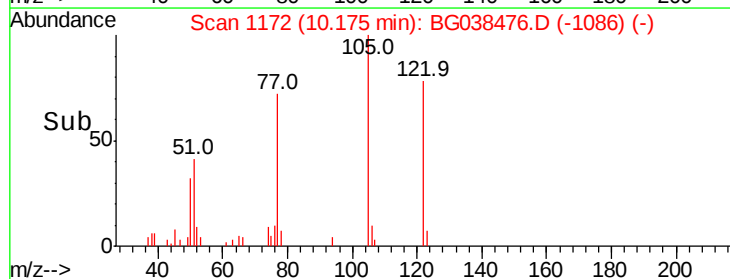
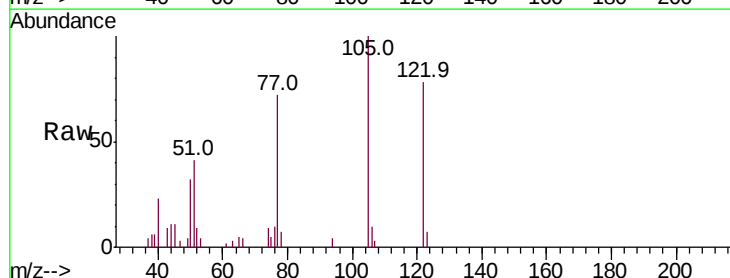
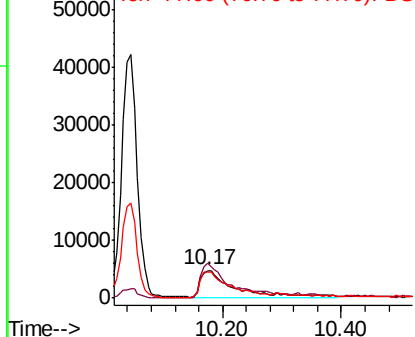
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

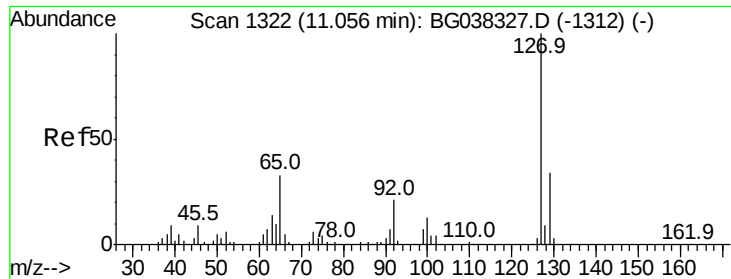


#32
Benzoic acid
Concen: 23.481 ng m
RT: 10.17 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BG038476.D
Acq: 11 Dec 2018 19:19

Tgt Ion	Ratio	Lower	Upper
122	100		
105	128.8	106.7	146.7
77	93.0	72.2	112.2

Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG





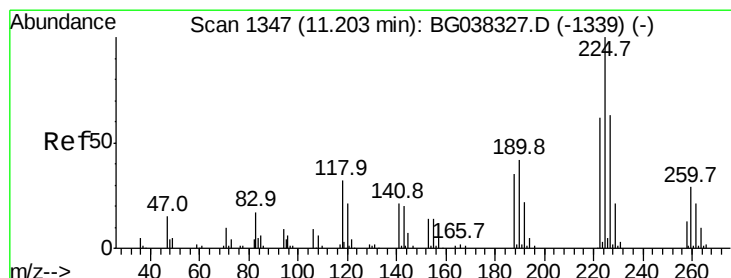
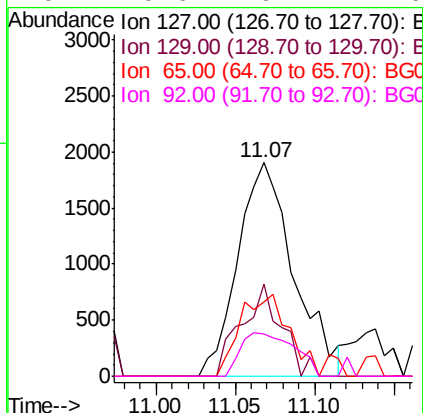
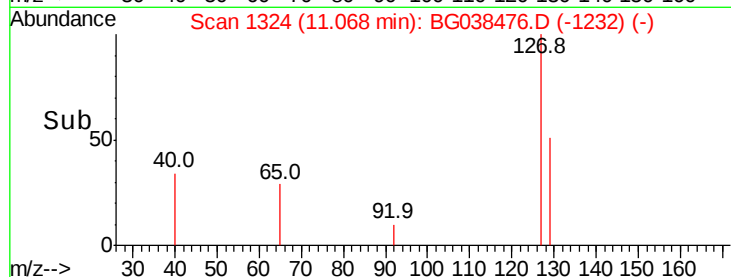
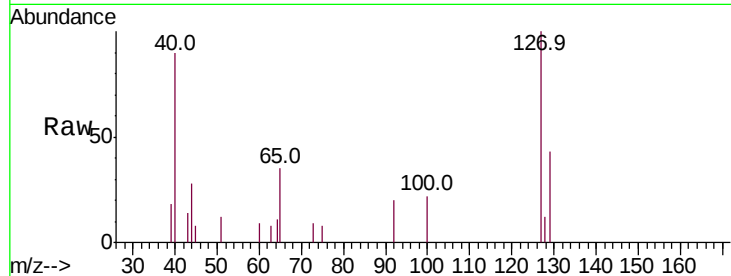
#33
4-Chloroaniline
Concen: 2.208 ng
RT: 11.07 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BG038476.D
Acq: 11 Dec 2018 19:19

Instrument :
BNA_G
ClientSampleId :
OR-02-121018-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	42.9	27.1	40.7#	
65	35.1	26.6	39.8	
92	19.6	16.4	24.6	

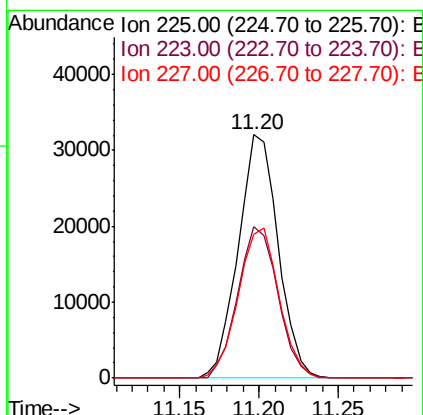
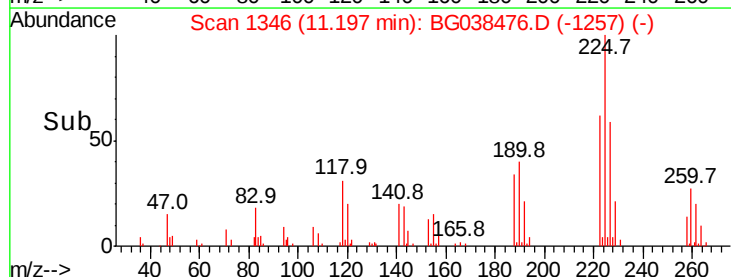
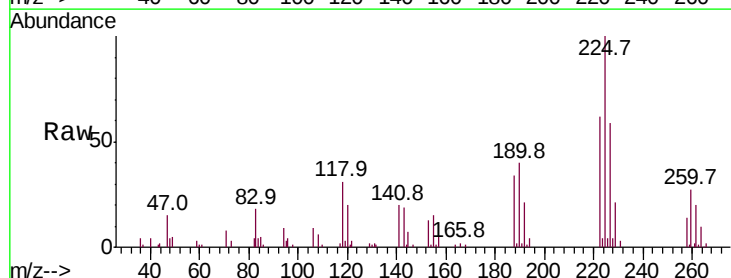
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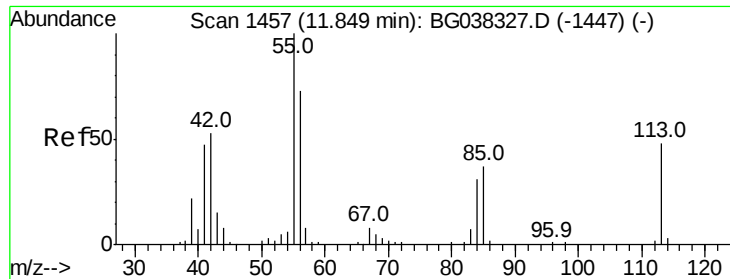
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#34
Hexachlorobutadiene
Concen: 49.199 ng
RT: 11.20 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG038476.D
Acq: 11 Dec 2018 19:19

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	59.5	48.2	72.4	
227	60.0	51.6	77.4	





#35

Caprolactam

Concen: 34.133 ng

RT: 11.84 min Scan# 1455

Delta R.T. -0.01 min

Lab File: BG038476.D

Acq: 11 Dec 2018 19:19

Instrument :

BNA_G

ClientSampleId :

OR-02-121018-AMSD

Tot Ion:113 Resp: 21869

Ion Ratio Lower Upper

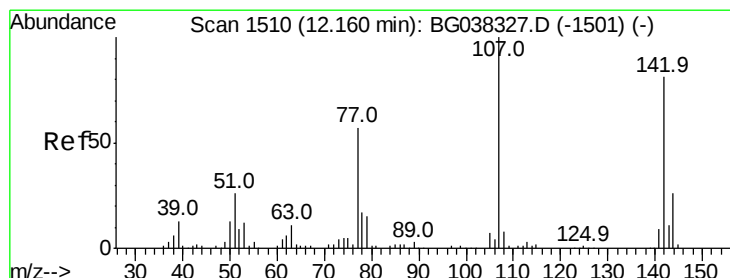
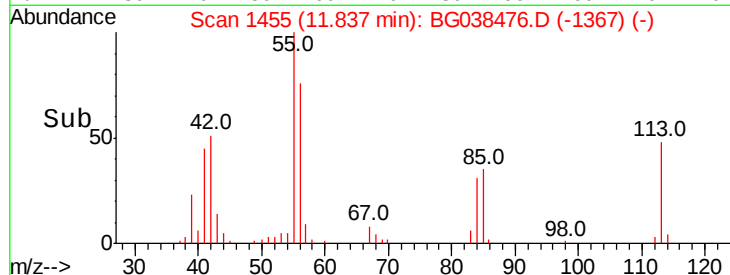
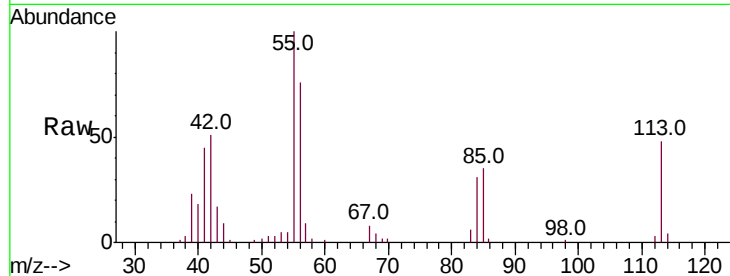
113 100

55 206.3 176.6 216.6

56 156.1 128.3 168.3

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#36

4-Chloro-3-methylphenol

Concen: 84.024 ng

RT: 12.16 min Scan# 1510

Delta R.T. 0.00 min

Lab File: BG038476.D

Acq: 11 Dec 2018 19:19

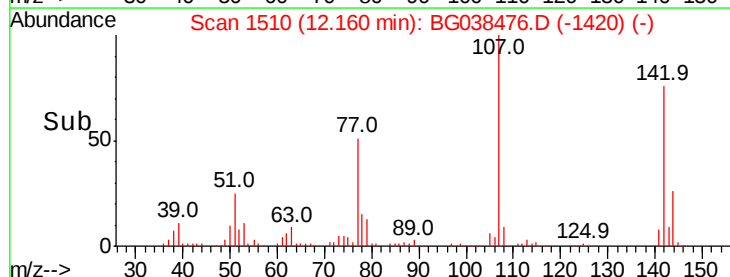
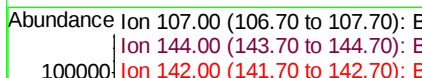
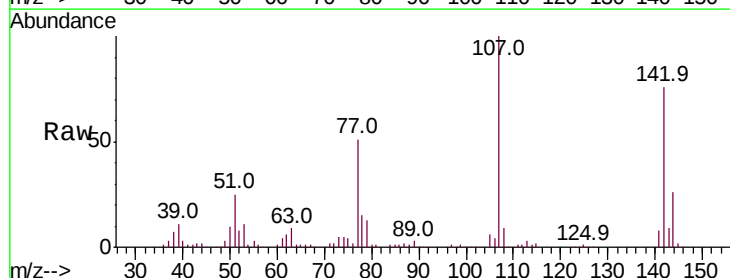
Tgt Ion:107 Resp: 144639

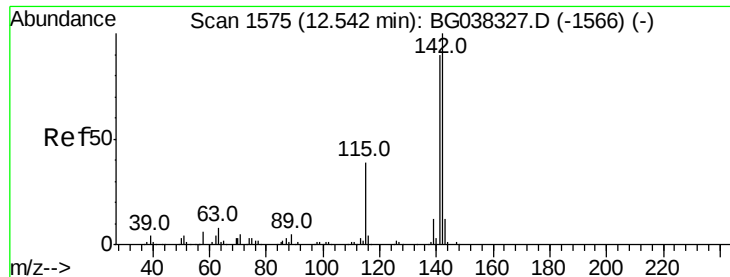
Ion Ratio Lower Upper

107 100

144 25.8 20.7 31.1

142 75.8 64.4 96.6





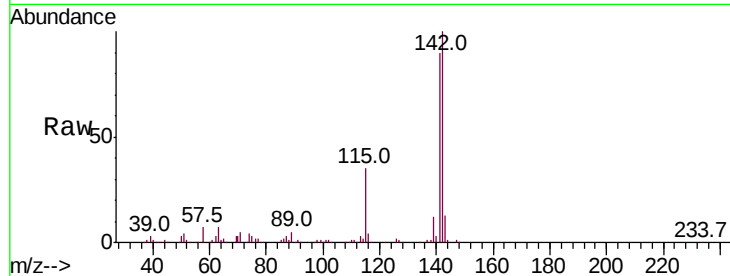
#37
2-Methylnaphthalene
Concen: 83.769 ng
RT: 12.54 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BG038476.D
Acq: 11 Dec 2018 19:19

Instrument :
BNA_G
ClientSampleId :
OR-02-121018-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	283988		
141	90.5	71.9	107.9	
115	34.9	27.8	41.8	

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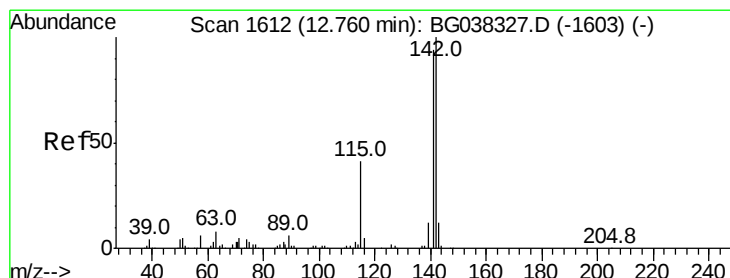
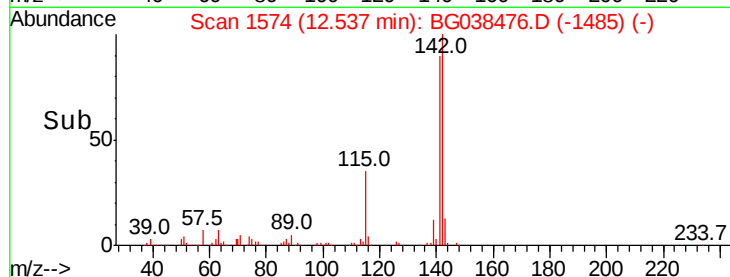
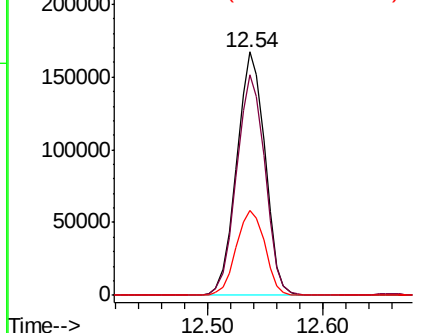


Abundance

Ion 142.00 (141.70 to 142.70): E

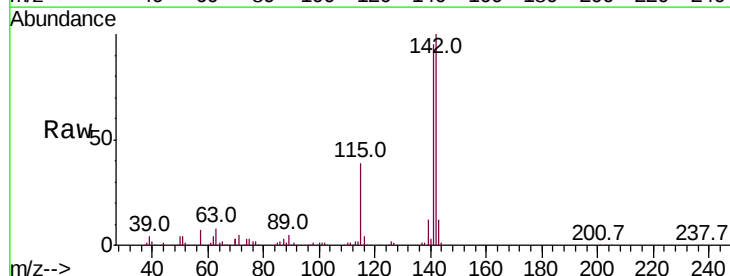
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 83.760 ng
RT: 12.75 min Scan# 1611
Delta R.T. -0.01 min
Lab File: BG038476.D
Acq: 11 Dec 2018 19:19

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	271967		
141	94.6	75.2	112.8	
116	4.3	3.3	4.9	

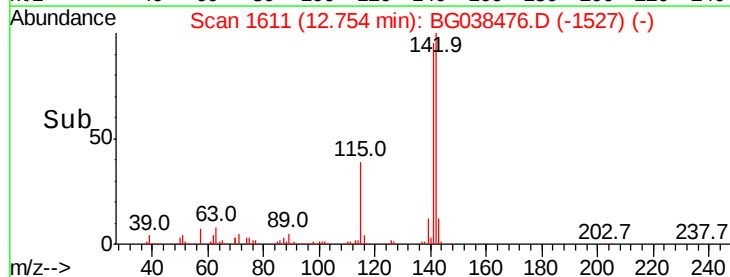
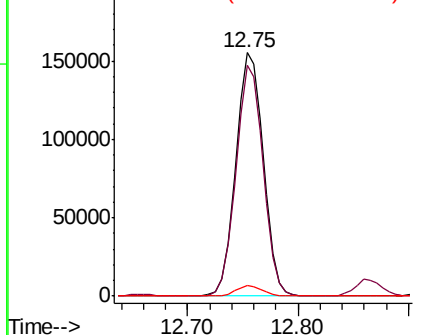


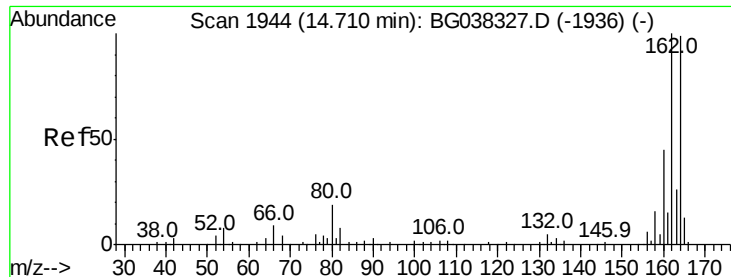
Abundance

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





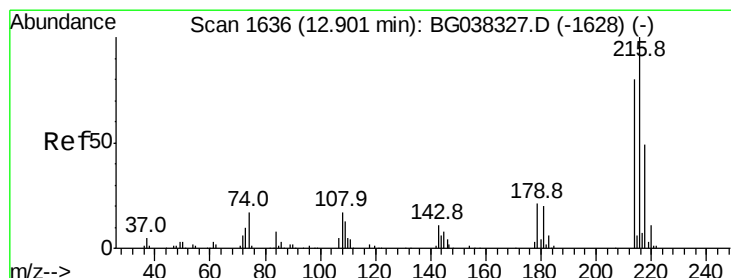
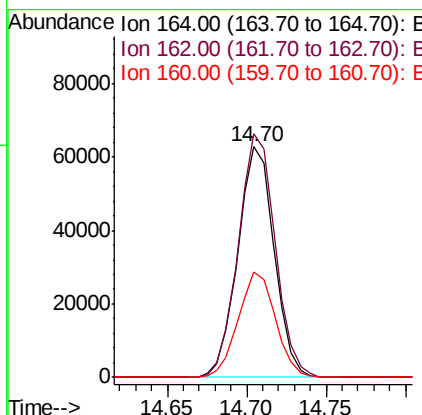
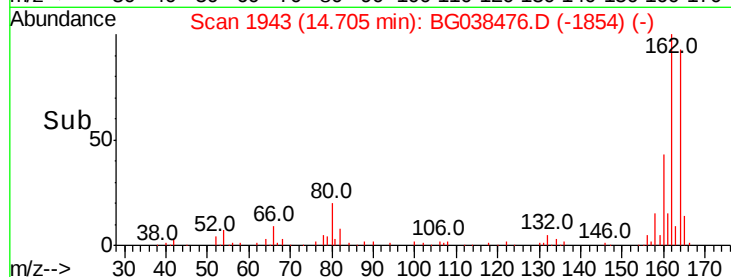
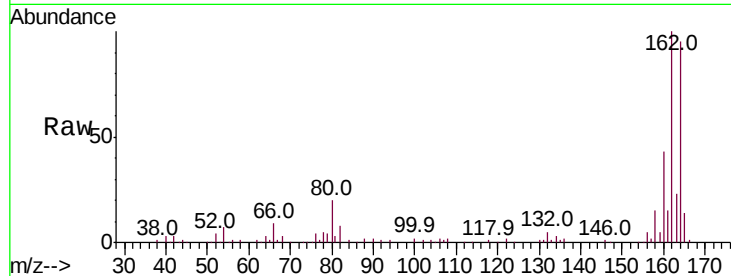
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BG038476.D
Acq: 11 Dec 2018 19:19

Instrument :
BNA_G
ClientSampleId :
OR-02-121018-AMSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.7	81.3	121.9
160	45.8	36.3	54.5

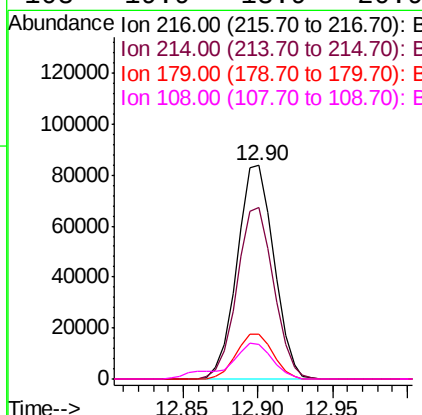
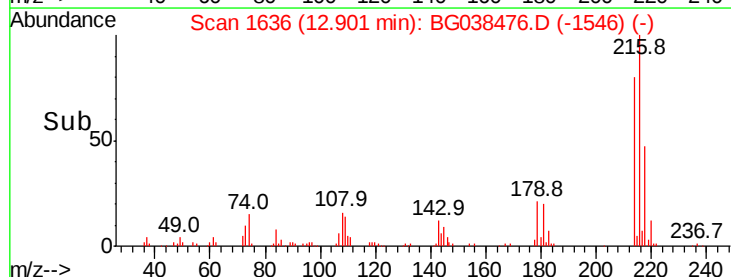
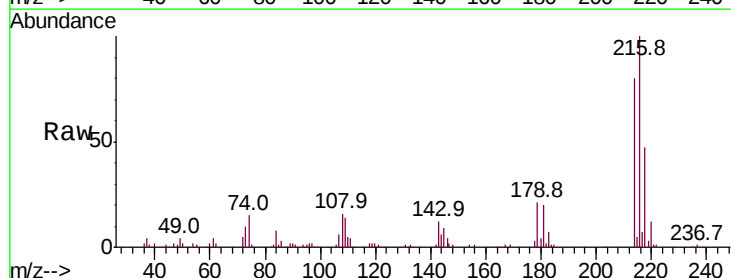
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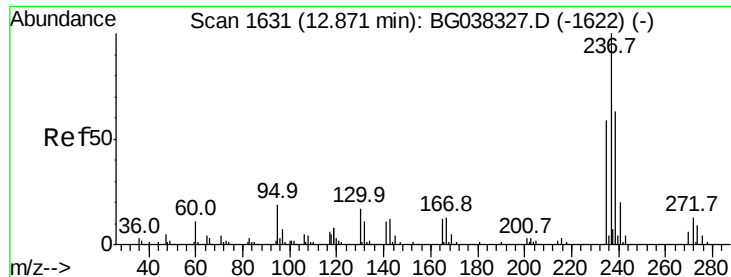
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.845 ng
RT: 12.90 min Scan# 1636
Delta R.T. 0.00 min
Lab File: BG038476.D
Acq: 11 Dec 2018 19:19

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.8	95.6
179	21.1	17.4	26.0
108	19.9	13.9	20.9





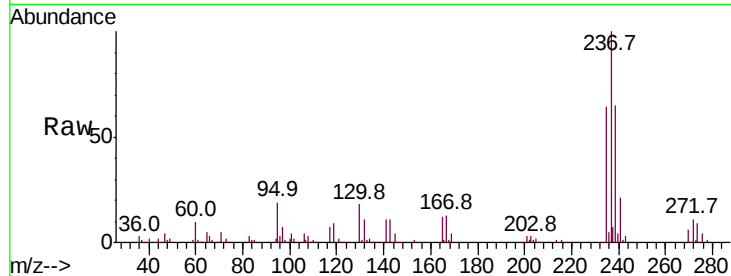
#41
Hexachlorocyclopentadiene
Concen: 79.990 ng
RT: 12.87 min Scan# 1630
Delta R.T. -0.01 min
Lab File: BG038476.D
Acq: 11 Dec 2018 19:19

Instrument :
BNA_G
ClientSampleId :
OR-02-121018-AMSD

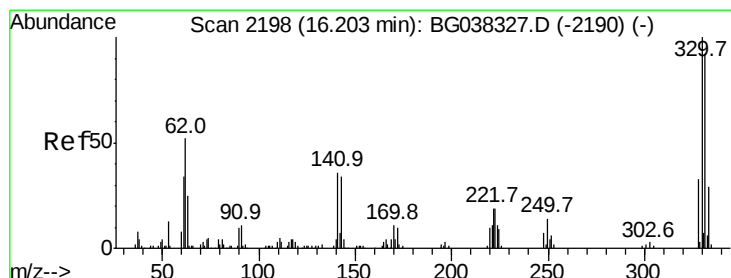
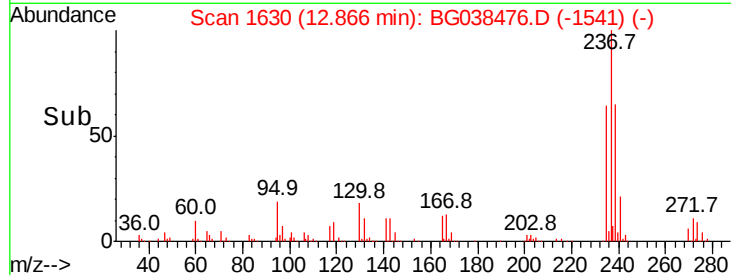
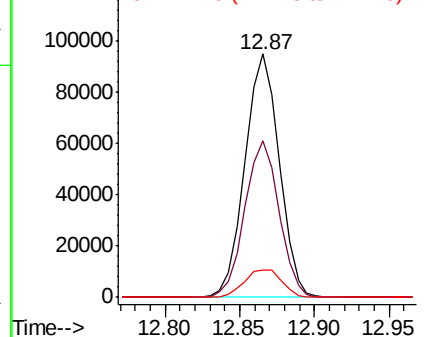
Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	64.1	42.5	82.5
272	11.2	0.0	31.6

Manual Integrations
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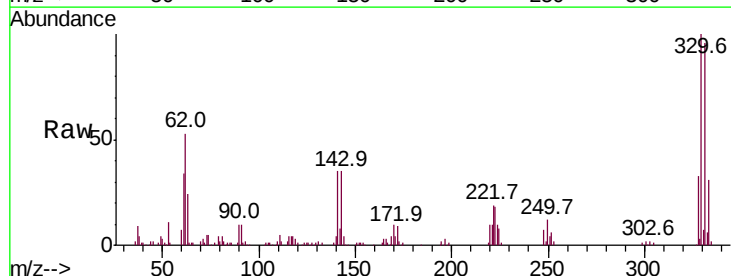


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

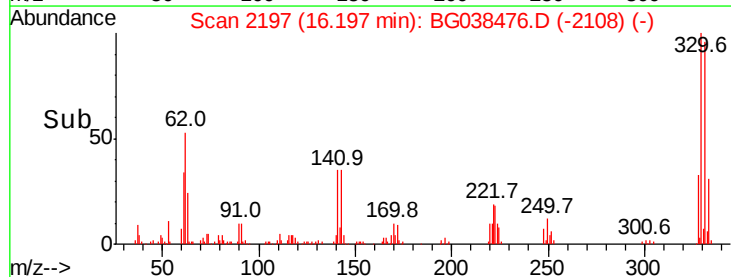
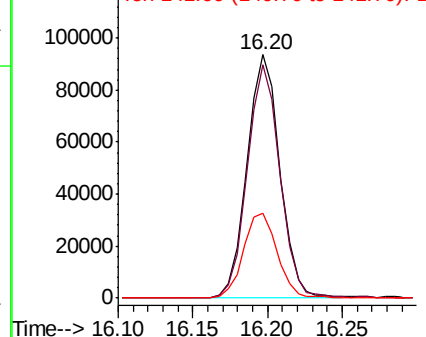


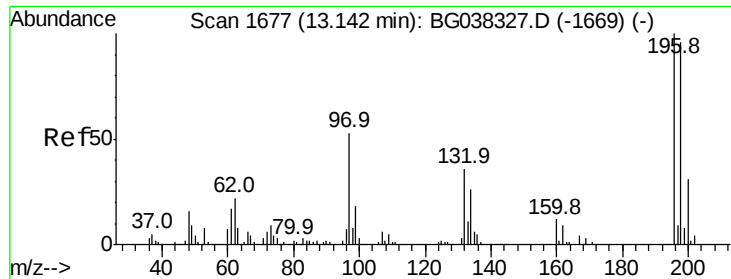
#42
2,4,6-Tribromophenol
Concen: 115.830 ng
RT: 16.20 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BG038476.D
Acq: 11 Dec 2018 19:19

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	95.3	78.4	117.6
141	36.3	32.2	48.2



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





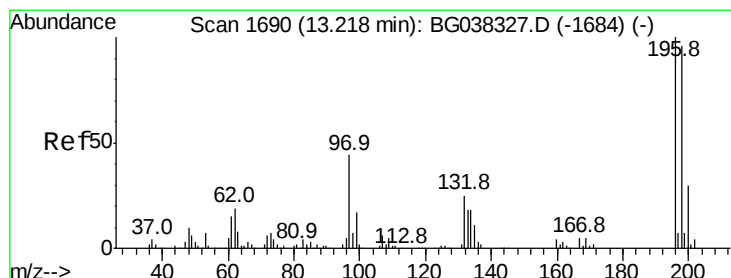
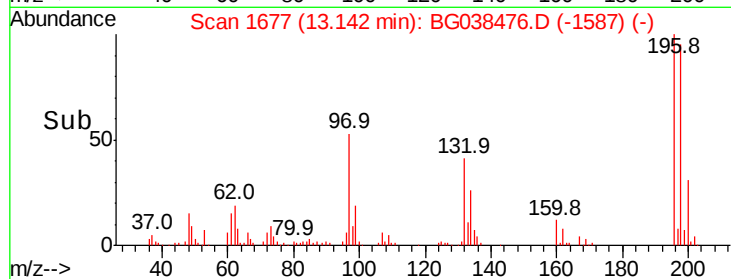
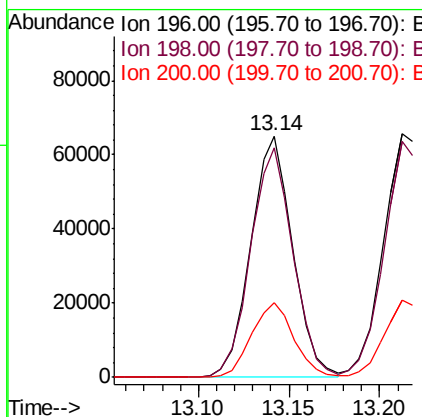
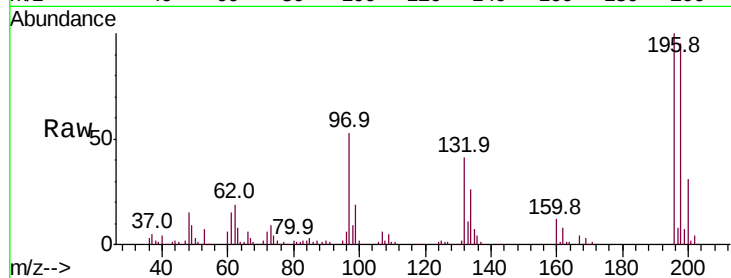
#43
 2,4,6-Trichlorophenol
 Concen: 47.213 ng
 RT: 13.14 min Scan# 1677
 Delta R.T. 0.00 min
 Lab File: BG038476.D
 Acq: 11 Dec 2018 19:19

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-121018-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	104967		
198	95.4	76.4	114.6	
200	31.2	24.9	37.3	

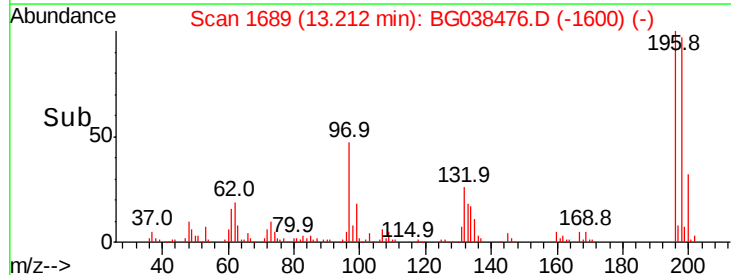
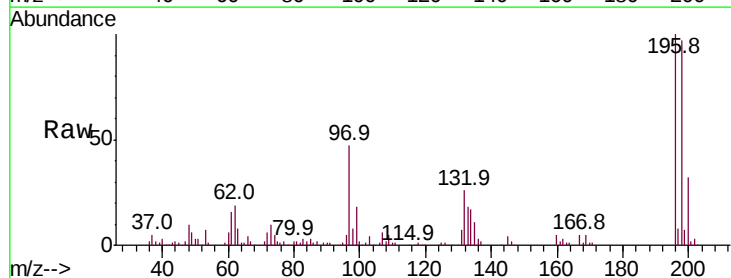
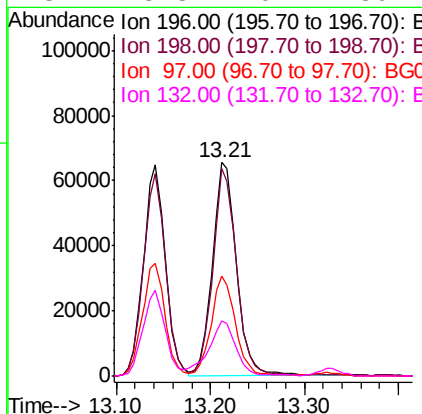
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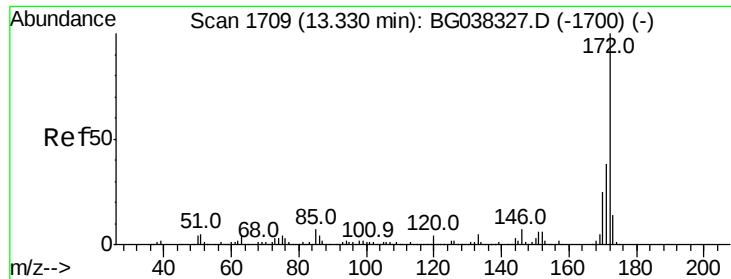
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#44
 2,4,5-Trichlorophenol
 Concen: 49.857 ng
 RT: 13.21 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BG038476.D
 Acq: 11 Dec 2018 19:19

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	117428		
198	97.0	74.2	111.2	
97	47.0	34.1	51.1	
132	25.8	20.2	30.4	





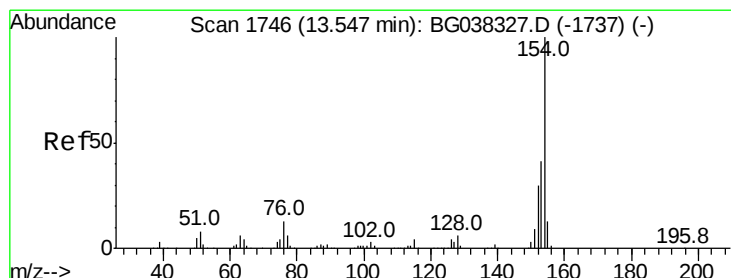
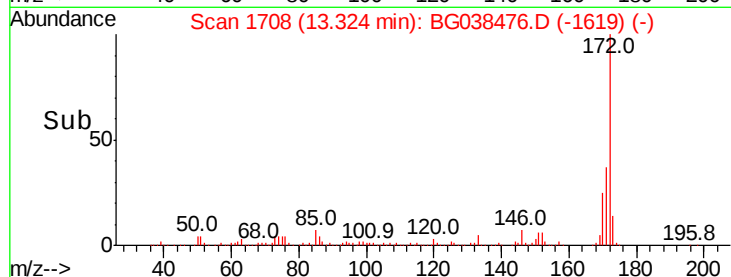
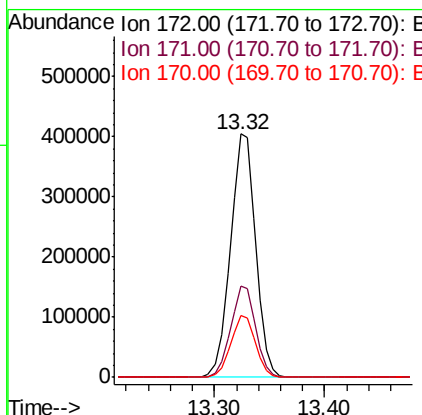
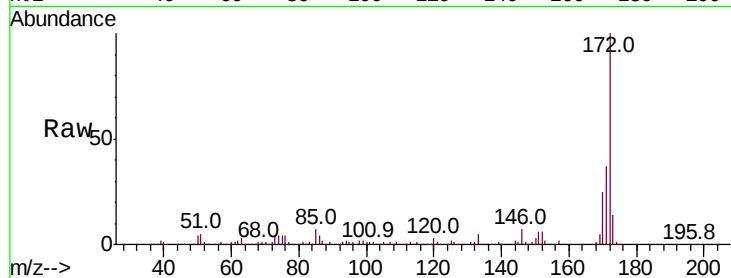
#45
2-Fluorobiphenyl
Concen: 92.173 ng
RT: 13.32 min Scan# 1708
Delta R.T. -0.01 min
Lab File: BG038476.D
Acq: 11 Dec 2018 19:19

Instrument :
BNA_G
ClientSampleId :
OR-02-121018-AMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.3	31.0	46.4
170	25.3	20.2	30.2

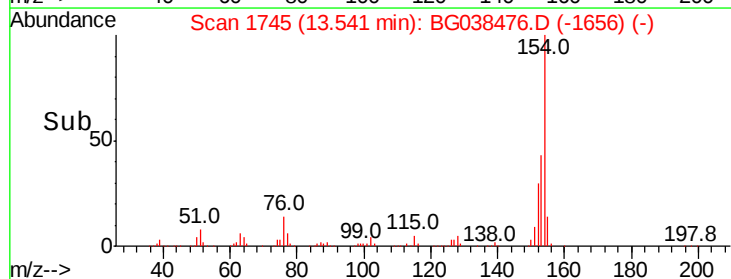
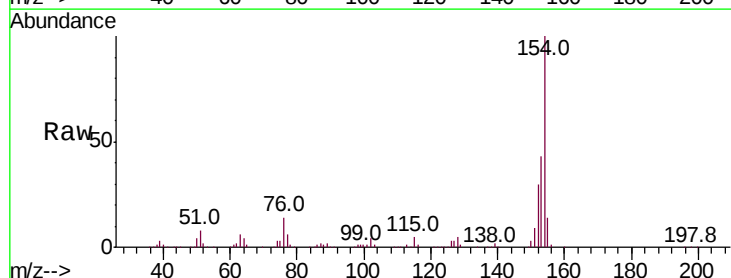
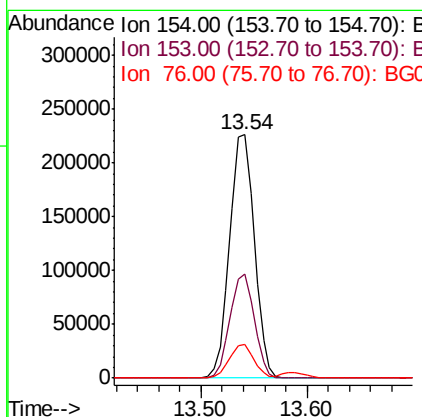
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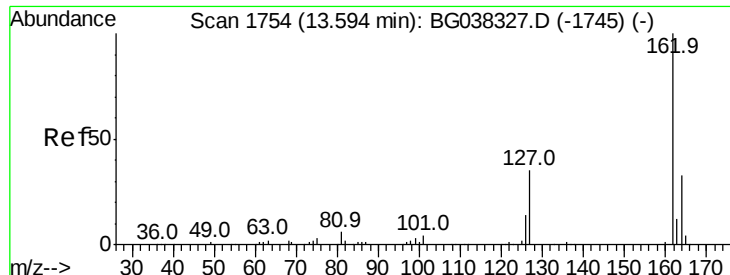
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#46
1,1'-Biphenyl
Concen: 43.345 ng
RT: 13.54 min Scan# 1745
Delta R.T. -0.01 min
Lab File: BG038476.D
Acq: 11 Dec 2018 19:19

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.8	22.1	62.1
76	13.9	0.0	33.2





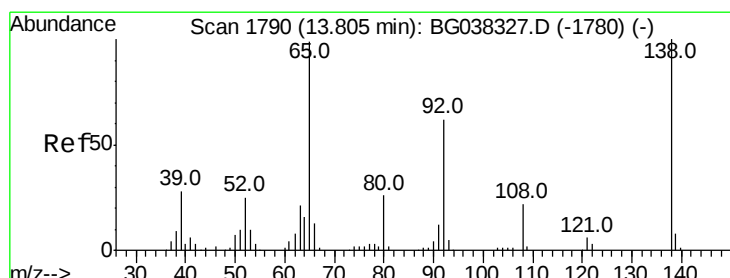
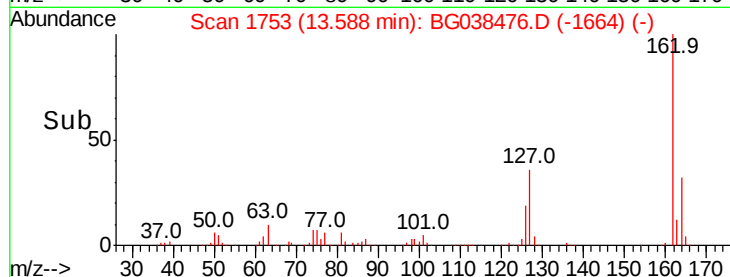
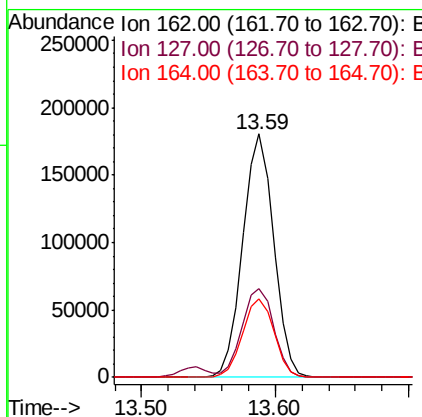
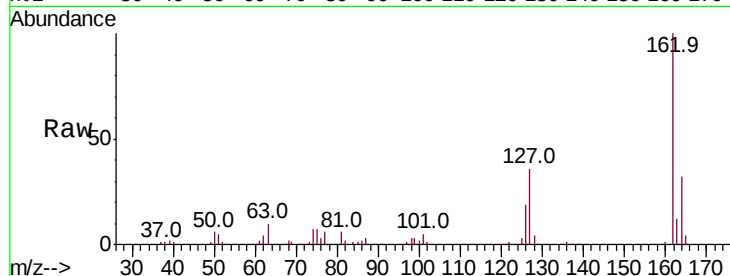
#47
 2-Chloronaphthalene
 Concen: 45.446 ng
 RT: 13.59 min Scan# 1753
 Delta R.T. -0.01 min
 Lab File: BG038476.D
 Acq: 11 Dec 2018 19:19

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-121018-AMSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	36.4	30.5	45.7
164	32.4	26.4	39.6

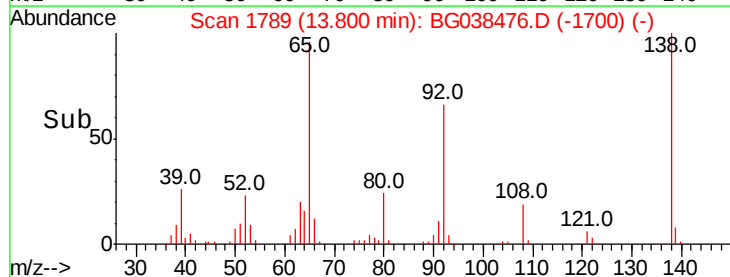
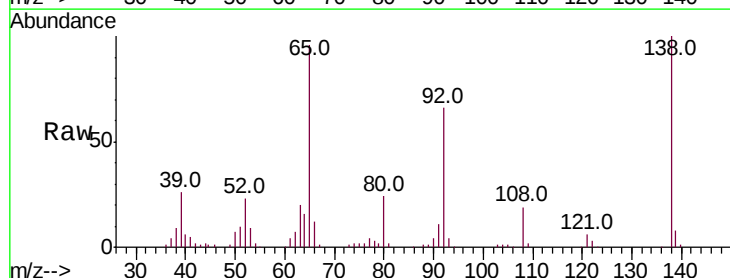
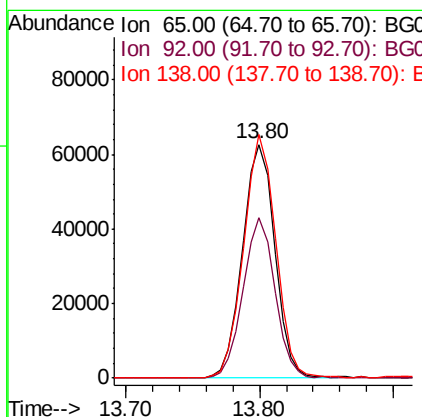
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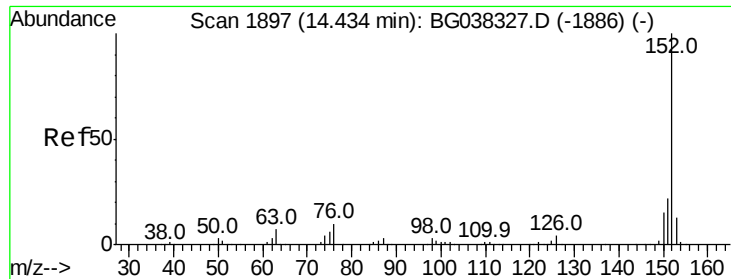
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#48
 2-Nitroaniline
 Concen: 49.079 ng
 RT: 13.80 min Scan# 1789
 Delta R.T. -0.01 min
 Lab File: BG038476.D
 Acq: 11 Dec 2018 19:19

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	68.6	53.2	79.8
138	104.2	79.3	118.9





#49

Acenaphthylene

Concen: 50.036 ng

RT: 14.43 min Scan# 1897

Delta R.T. 0.00 min

Lab File: BG038476.D

Acq: 11 Dec 2018 19:19

Instrument :

BNA_G

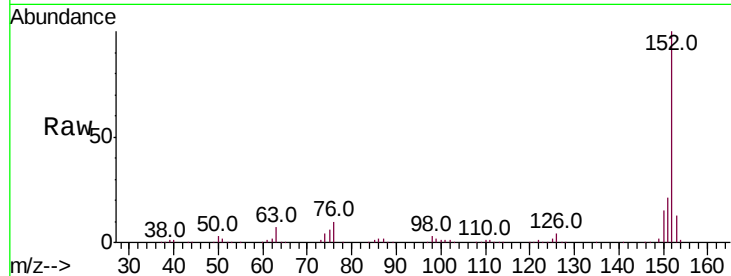
ClientSampleId :

OR-02-121018-AMSD

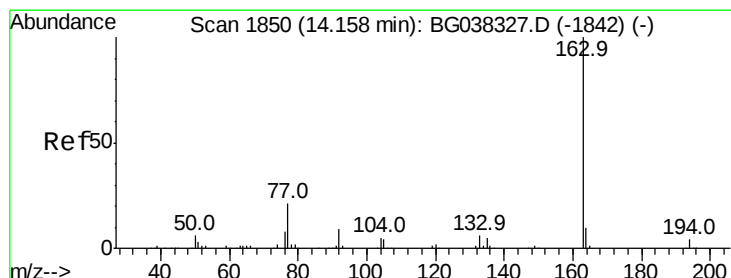
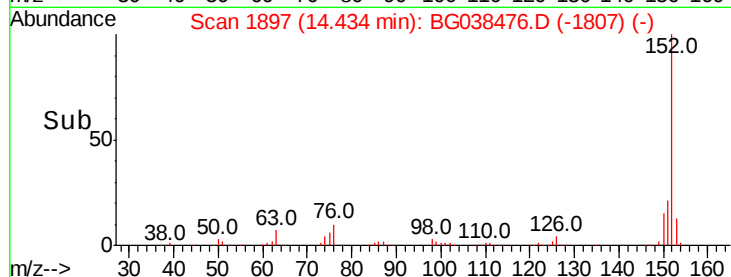
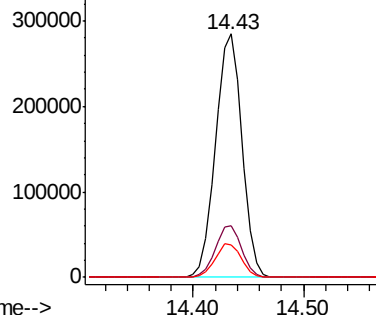
Tot Ion:	152	Resp:	479430
Ion Ratio	Lower	Upper	
152	100		
151	21.1	17.1	25.7
153	13.5	11.1	16.7

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



#50

Dimethylphthalate

Concen: 49.464 ng

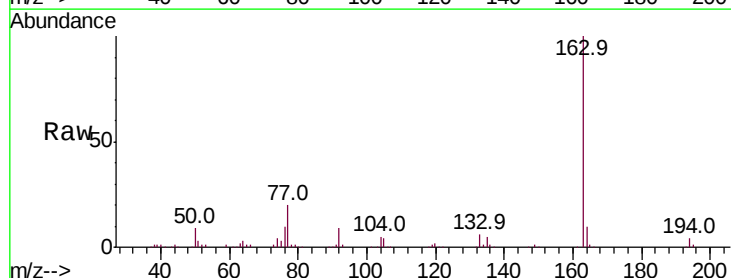
RT: 14.16 min Scan# 1850

Delta R.T. 0.00 min

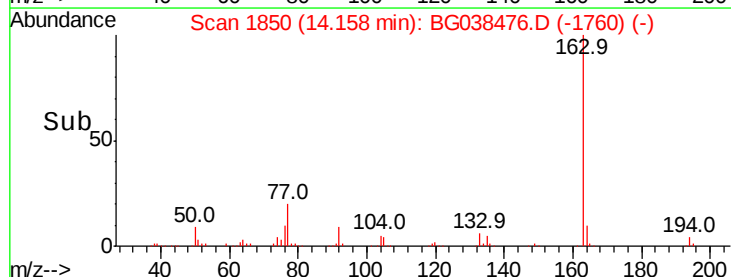
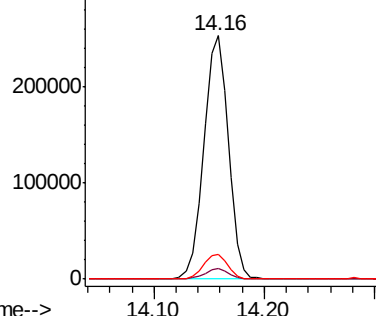
Lab File: BG038476.D

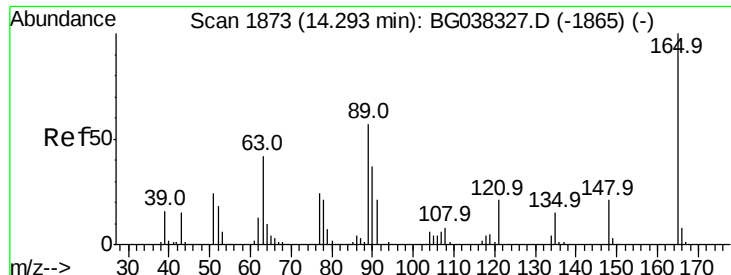
Acq: 11 Dec 2018 19:19

Tgt Ion:	163	Resp:	395720
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.5	5.3
164	10.3	8.5	12.7



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





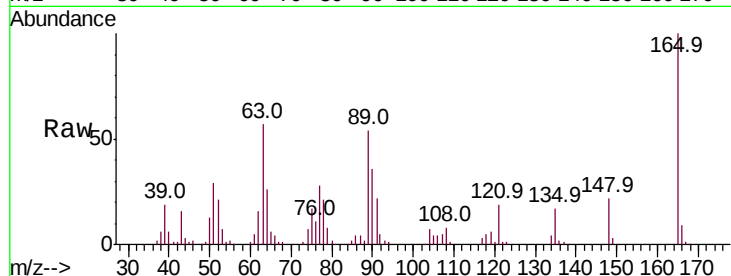
#51
 2,6-Dinitrotoluene
 Concen: 49.327 ng
 RT: 14.29 min Scan# 1872
 Delta R.T. -0.01 min
 Lab File: BG038476.D
 Acq: 11 Dec 2018 19:19

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-121018-AMSD

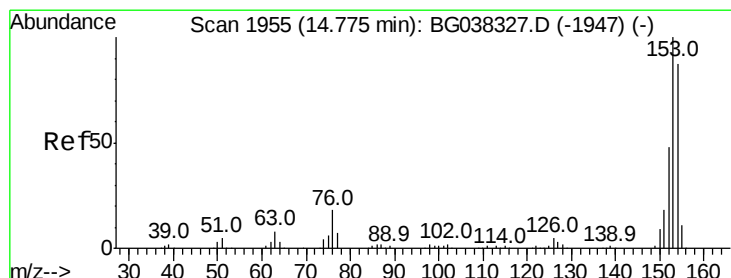
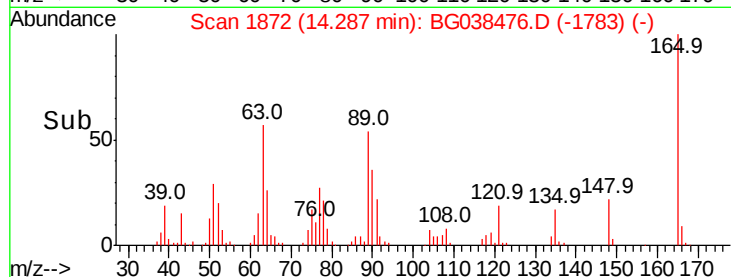
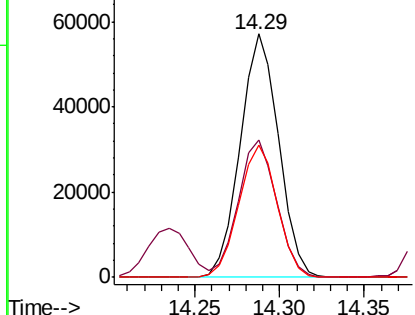
Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	56.6	43.4	65.2
89	54.1	45.8	68.6

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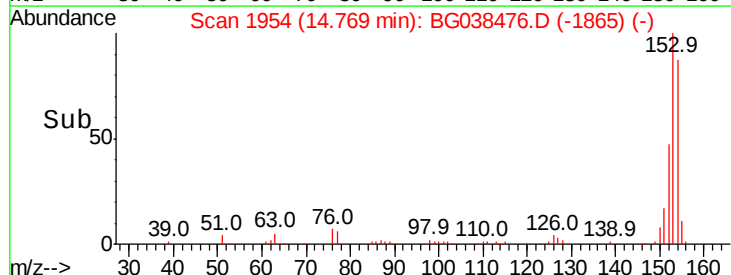
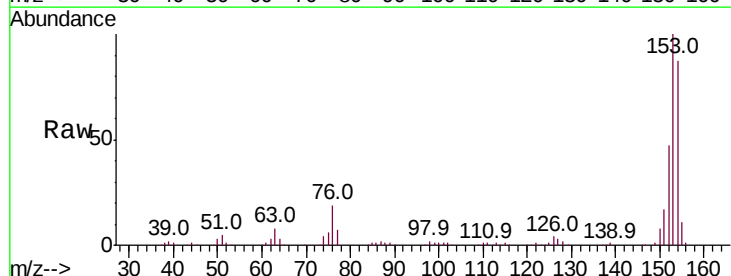
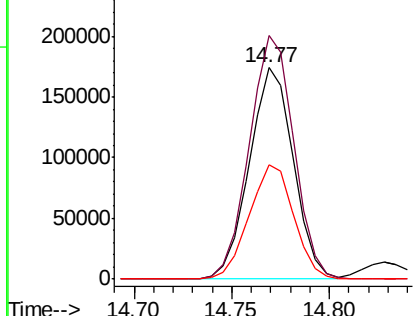
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

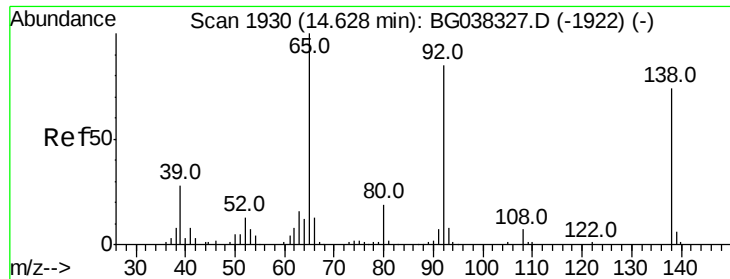


#52
 Acenaphthene
 Concen: 46.498 ng
 RT: 14.77 min Scan# 1954
 Delta R.T. -0.01 min
 Lab File: BG038476.D
 Acq: 11 Dec 2018 19:19

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	115.2	93.4	140.0
152	54.2	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: 10.228 ng

RT: 14.62 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BG038476.D

Acq: 11 Dec 2018 19:19

Instrument :

BNA_G

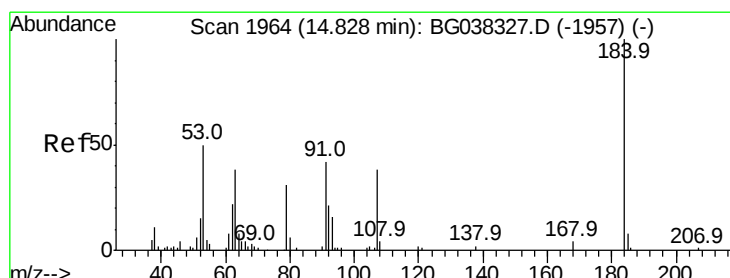
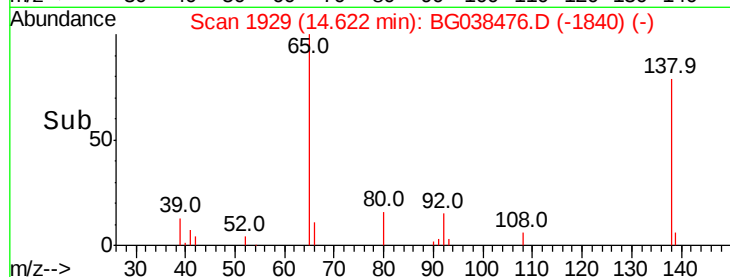
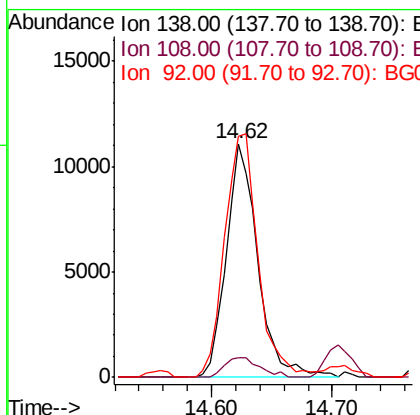
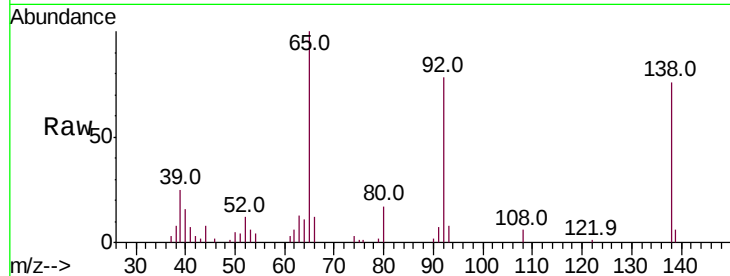
ClientSampleId :

OR-02-121018-AMSD

Tot Ion:	138	Resp:	20131
Ion Ratio	Lower	Upper	
138	100		
108	8.3	11.0	16.6#
92	102.9	95.2	142.8

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#54

2,4-Dinitrophenol

Concen: 42.501 ng

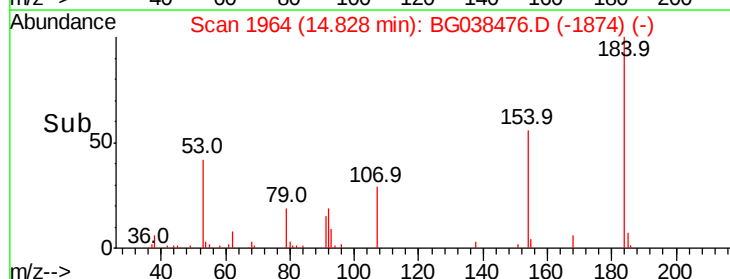
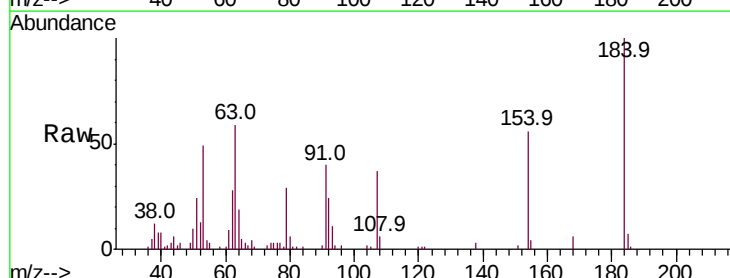
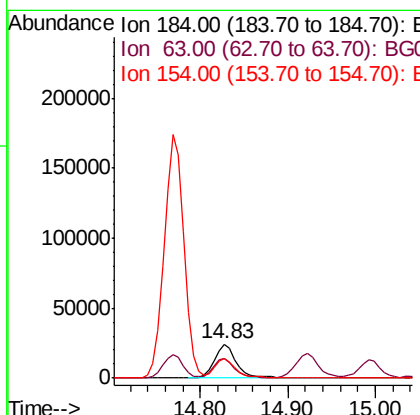
RT: 14.83 min Scan# 1964

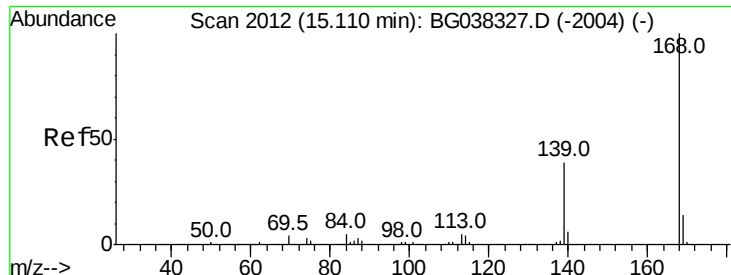
Delta R.T. 0.00 min

Lab File: BG038476.D

Acq: 11 Dec 2018 19:19

Tgt Ion:	184	Resp:	42577
Ion Ratio	Lower	Upper	
184	100		
63	59.2	42.6	63.8
154	56.4	41.8	62.6





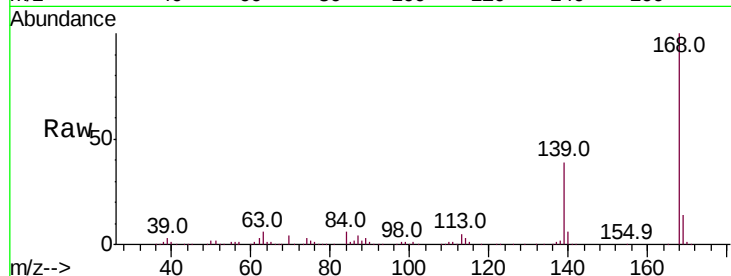
#55
Dibenzenofuran
Concen: 45.832 ng
RT: 15.10 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BG038476.D
Acq: 11 Dec 2018 19:19

Instrument :
BNA_G
ClientSampleId :
OR-02-121018-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100	442598		
139	39.3	29.4	44.0	
169	13.5	11.0	16.6	

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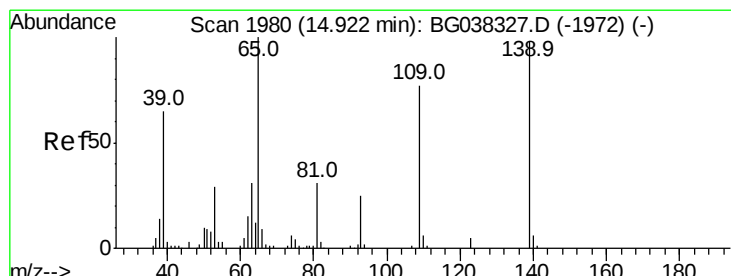
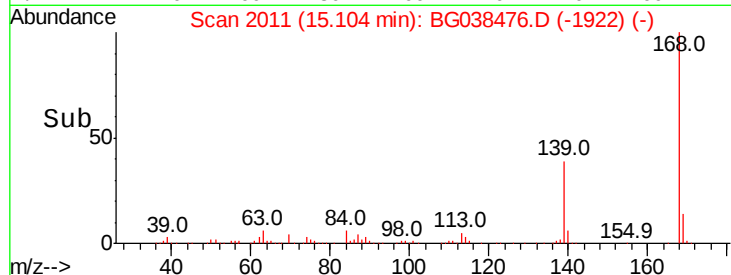
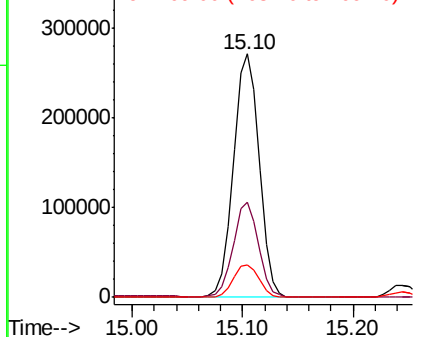


Abundance

Ion 168.00 (167.70 to 168.70): E

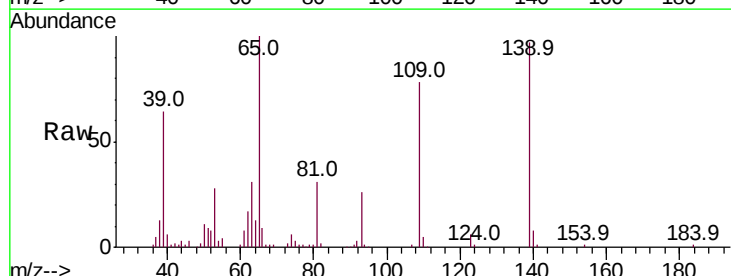
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 71.144 ng
RT: 14.92 min Scan# 1980
Delta R.T. 0.00 min
Lab File: BG038476.D
Acq: 11 Dec 2018 19:19

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	110611		
109	79.9	49.5	89.5	
65	102.7	76.8	116.8	

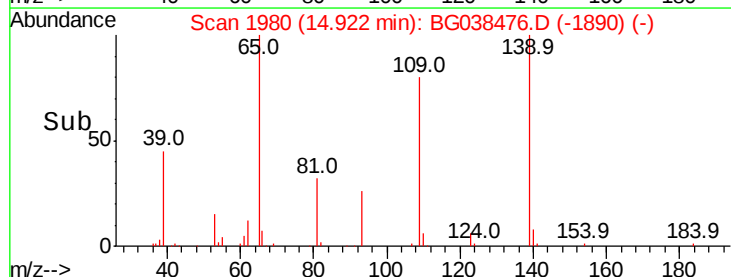
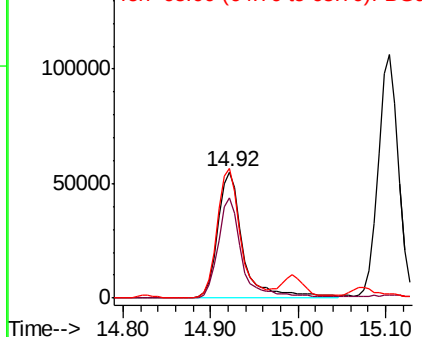


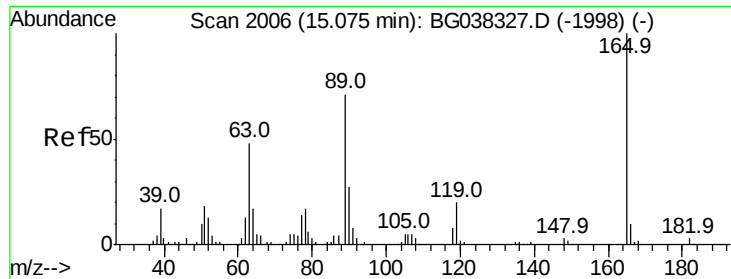
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





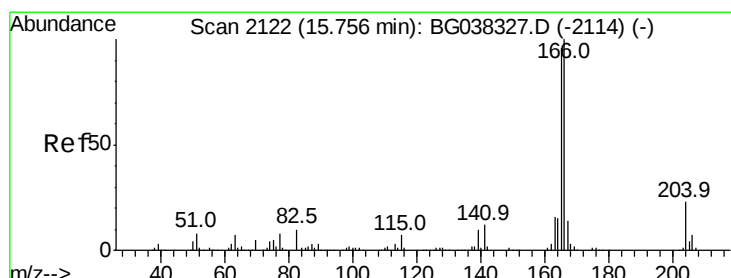
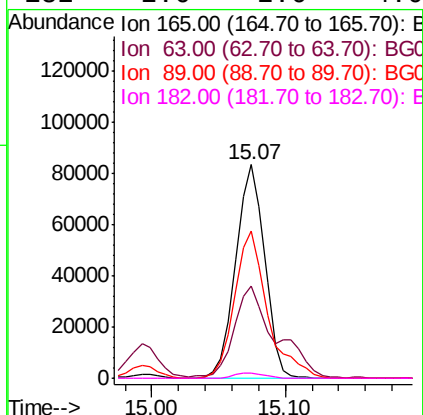
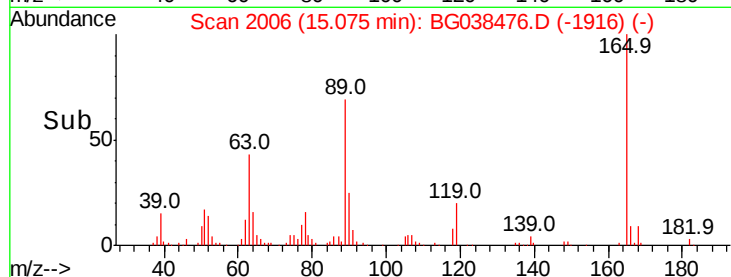
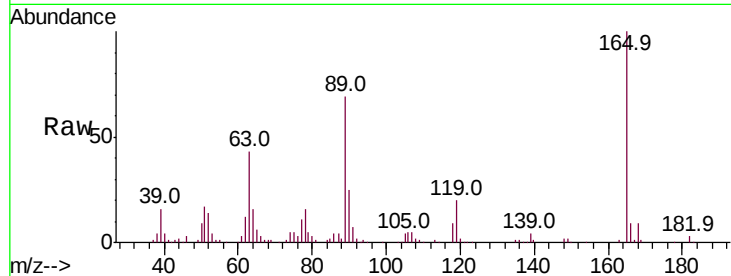
#57
2,4-Dinitrotoluene
Concen: 49.808 ng
RT: 15.07 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BG038476.D
Acq: 11 Dec 2018 19:19

Instrument :
BNA_G
ClientSampleId :
OR-02-121018-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	125541		
63	43.1	33.4	50.0	
89	68.7	57.2	85.8	
182	2.6	2.6	4.0	

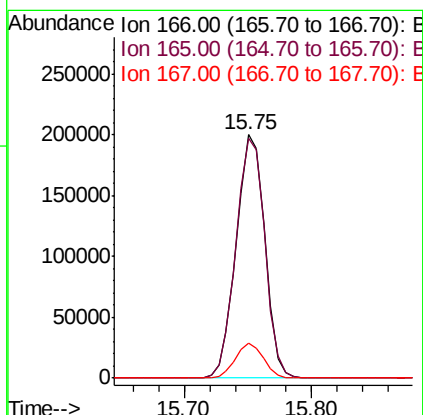
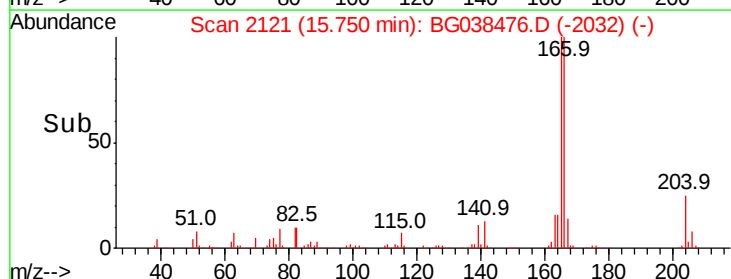
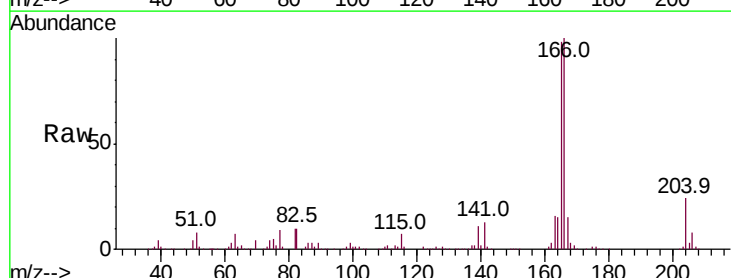
Manual Integrations
APPROVED

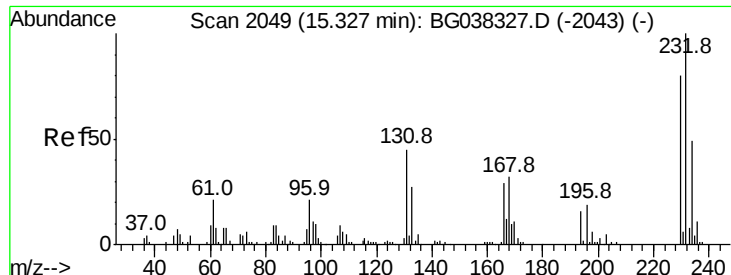
Sohil
12/12/2018 5:38:43 PM



#58
Fluorene
Concen: 43.835 ng
RT: 15.75 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BG038476.D
Acq: 11 Dec 2018 19:19

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	311866		
165	98.5	79.0	118.6	
167	14.6	11.3	16.9	





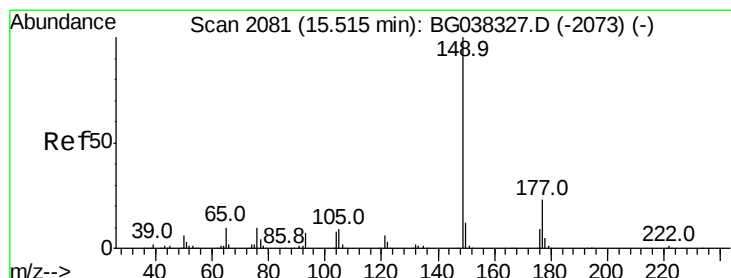
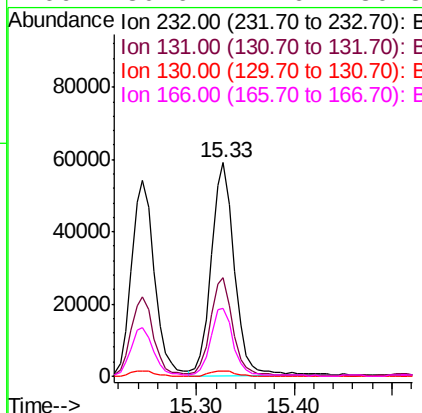
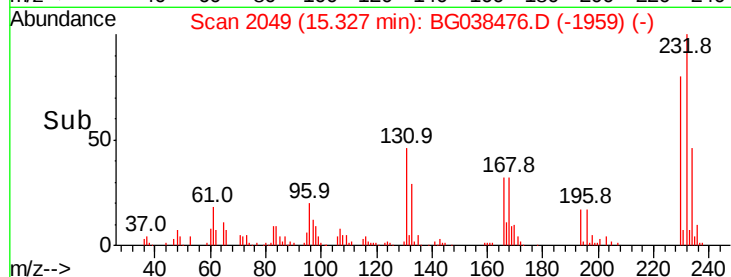
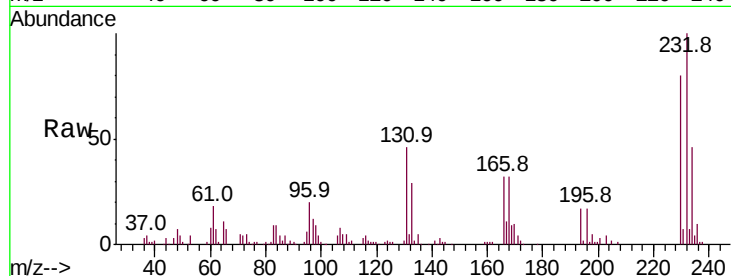
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.198 ng
 RT: 15.33 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: BG038476.D
 Acq: 11 Dec 2018 19:19

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-121018-AMSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.9	33.7	50.5
130	2.6	2.1	3.1
166	30.6	24.6	36.8

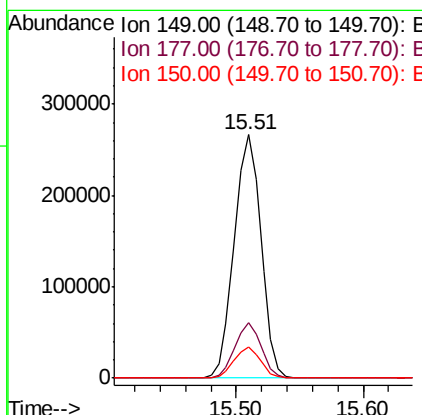
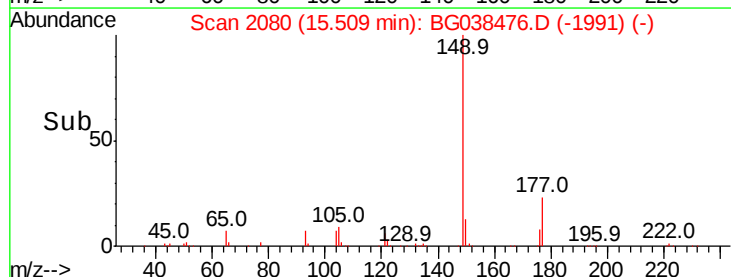
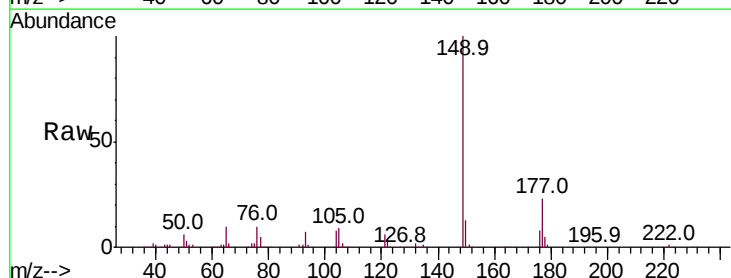
Manual Integrations
 APPROVED

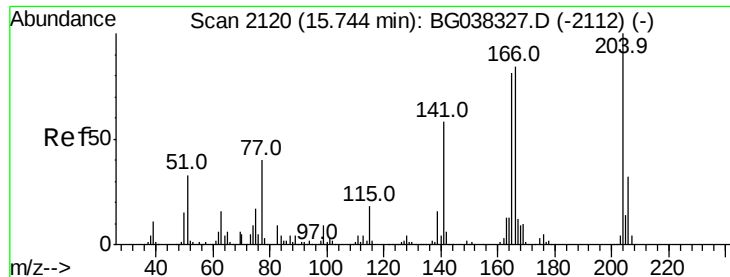
Sohil
 12/12/2018 5:38:43 PM



#60
 Diethylphthalate
 Concen: 43.923 ng
 RT: 15.51 min Scan# 2080
 Delta R.T. -0.01 min
 Lab File: BG038476.D
 Acq: 11 Dec 2018 19:19

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.7	18.3	27.5
150	12.7	10.0	15.0





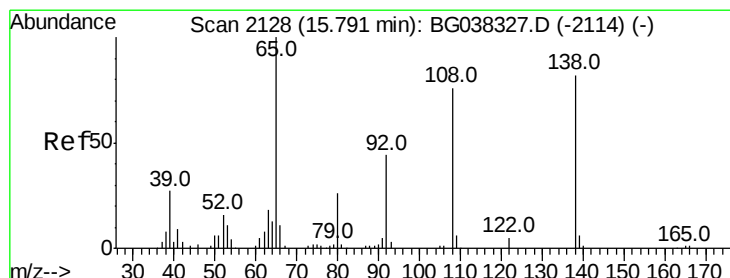
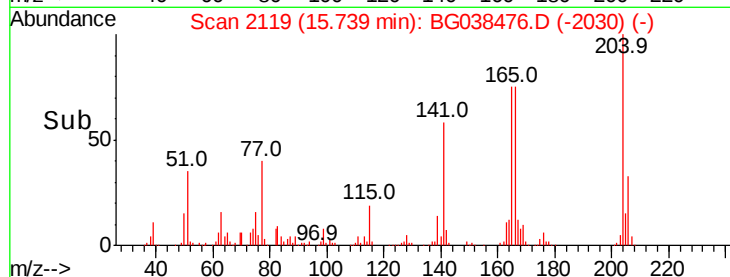
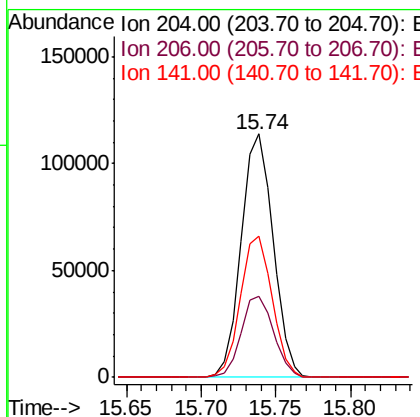
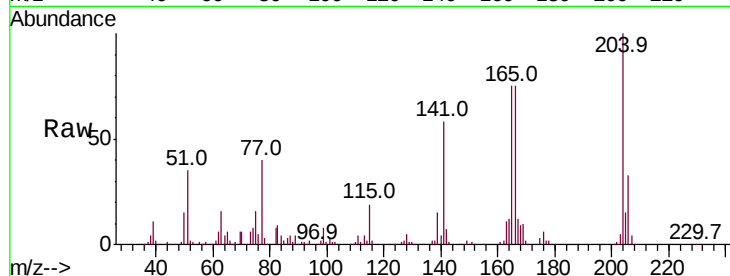
#61
4-Chlorophenyl-phenylether
Concen: 39.550 ng
RT: 15.74 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BG038476.D
Acq: 11 Dec 2018 19:19

Instrument :
BNA_G
ClientSampleId :
OR-02-121018-AMSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.6	39.8
141	58.1	45.4	68.2

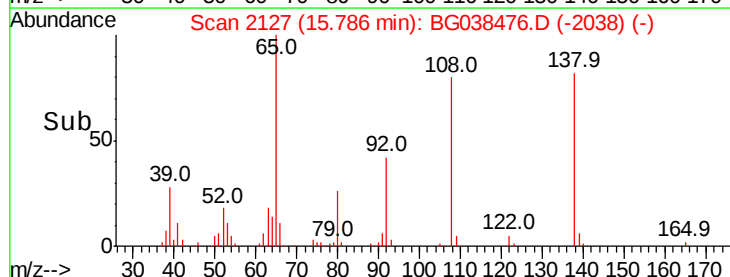
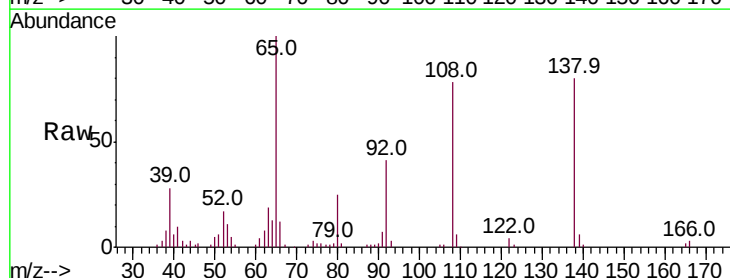
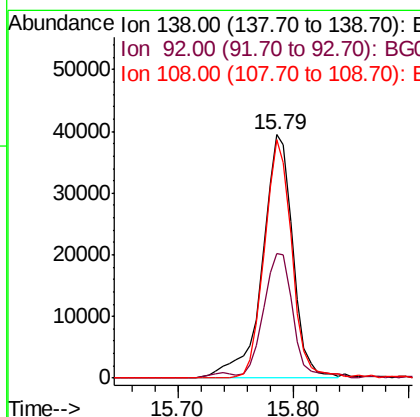
Manual Integrations
APPROVED

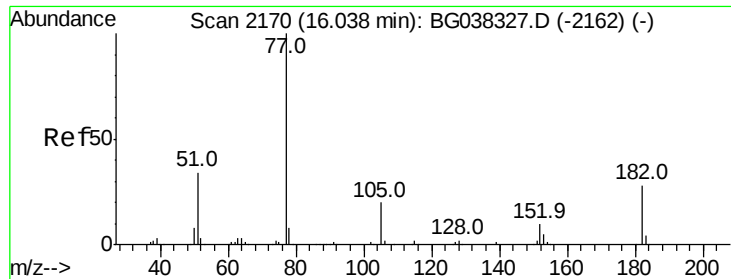
Sohil
12/12/2018 5:38:43 PM



#62
4-Nitroaniline
Concen: 37.518 ng
RT: 15.79 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BG038476.D
Acq: 11 Dec 2018 19:19

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.3	36.4	76.4
108	98.2	60.1	100.1





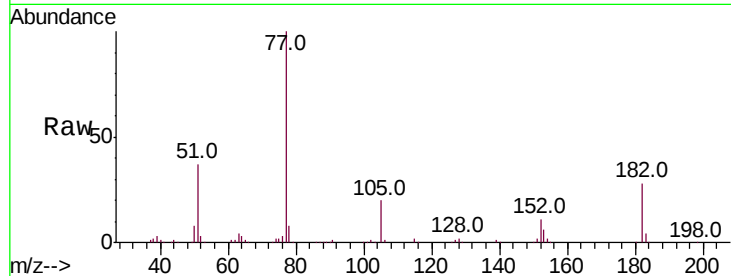
#63
Azobenzene
Concen: 31.627 ng
RT: 16.03 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BG038476.D
Acq: 11 Dec 2018 19:19

Instrument :
BNA_G
ClientSampleId :
OR-02-121018-AMSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.1	8.0	48.0
105	19.7	1.3	41.3
51	37.2	10.7	50.7

Manual Integrations
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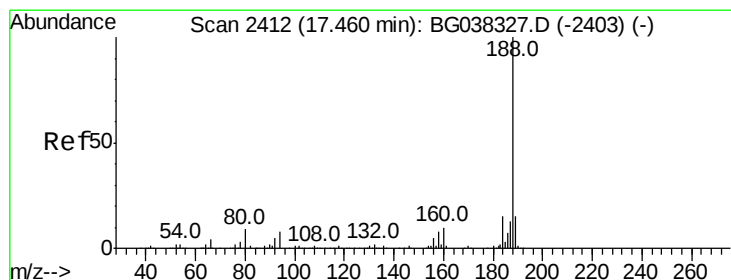
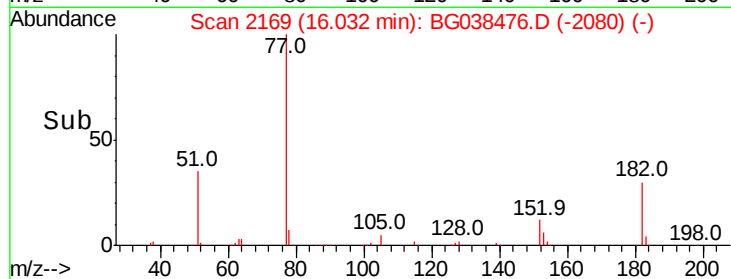
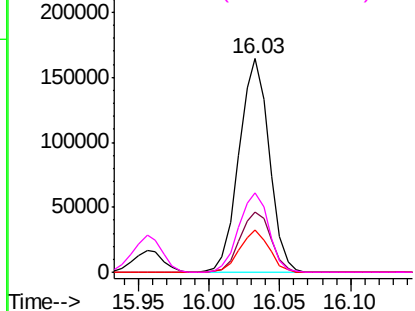
Abundance

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: 17.45 min Scan# 2411
Delta R.T. -0.01 min
Lab File: BG038476.D
Acq: 11 Dec 2018 19:19

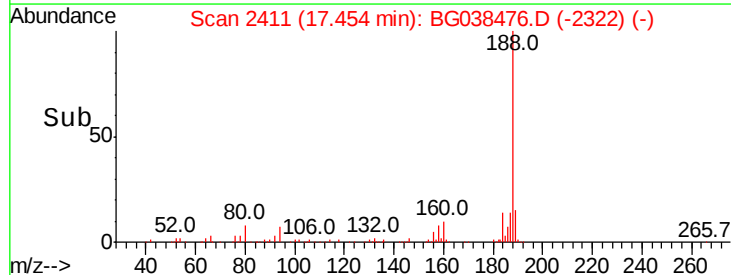
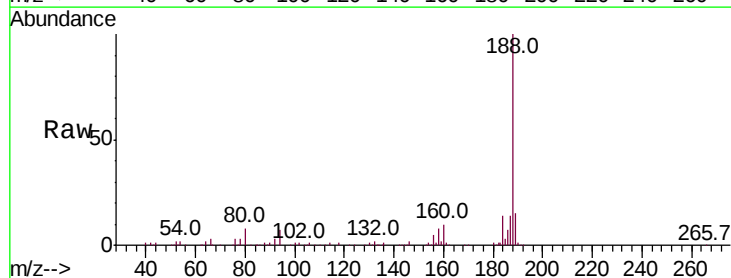
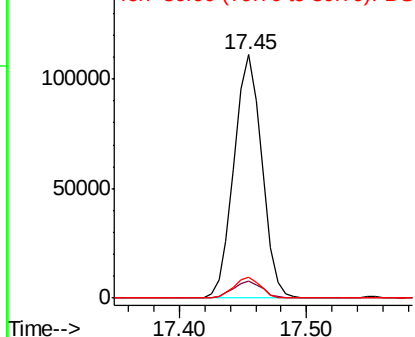
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.0	7.2	10.8#
80	8.4	7.7	11.5

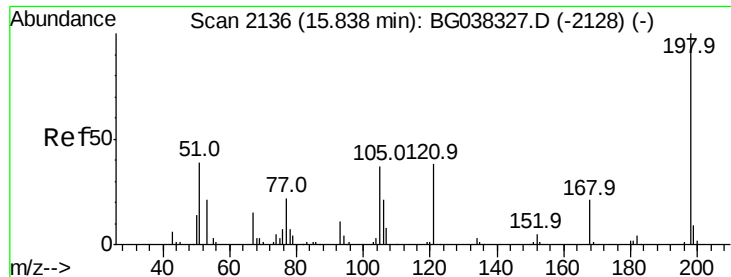
Abundance

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: 32.572 ng

RT: 15.83 min Scan# 2135

Delta R.T. -0.01 min

Lab File: BG038476.D

Acq: 11 Dec 2018 19:19

Instrument :

BNA_G

ClientSampleId :

OR-02-121018-AMSD

Tot Ion:198 Resp: 36016

Ion Ratio Lower Upper

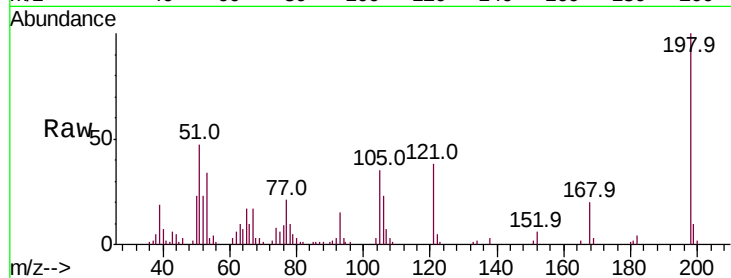
198 100

51 47.0 22.7 62.7

105 35.3 19.7 59.7

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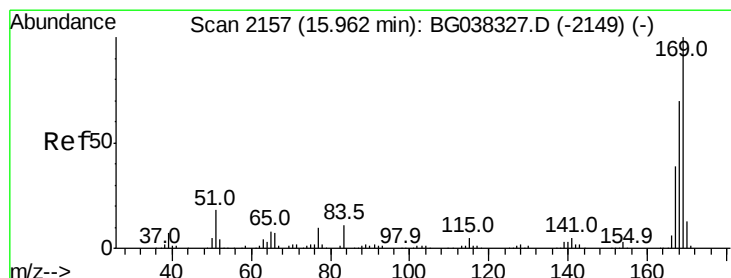
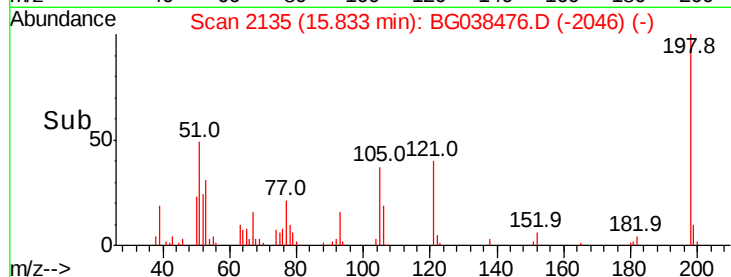
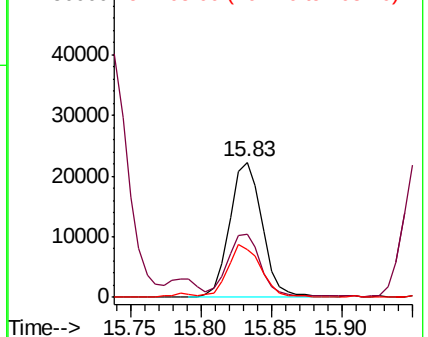
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG038327.D (-2128) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 49.490 ng

RT: 15.96 min Scan# 2156

Delta R.T. -0.01 min

Lab File: BG038476.D

Acq: 11 Dec 2018 19:19

Tgt Ion:169 Resp: 234863

Ion Ratio Lower Upper

169 100

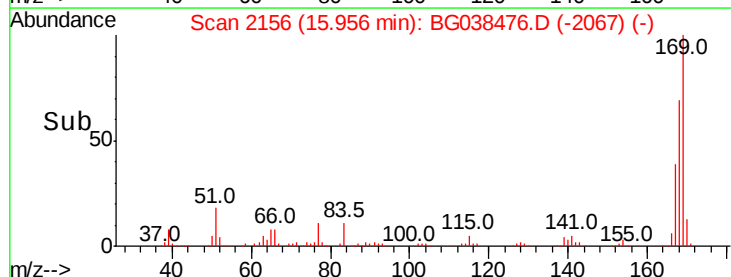
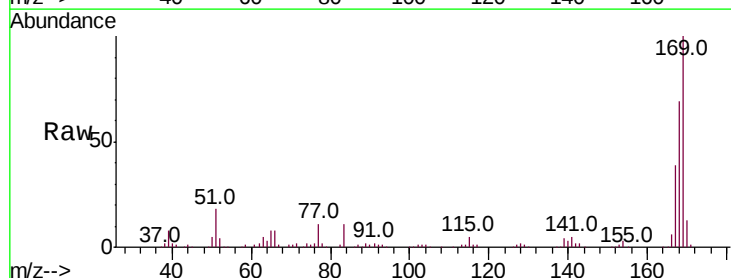
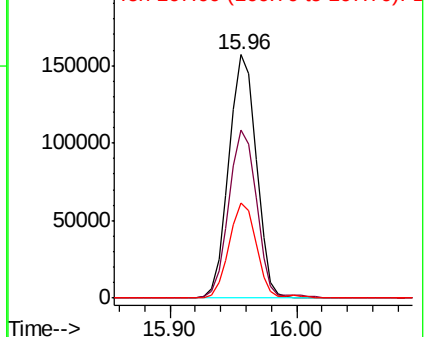
168 69.2 55.7 83.5

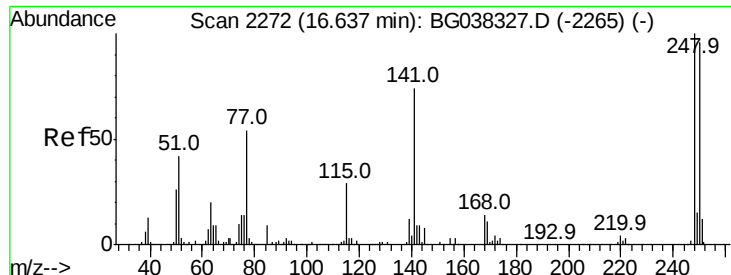
167 39.0 31.3 46.9

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





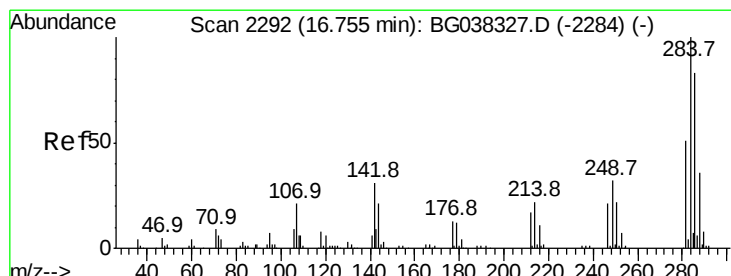
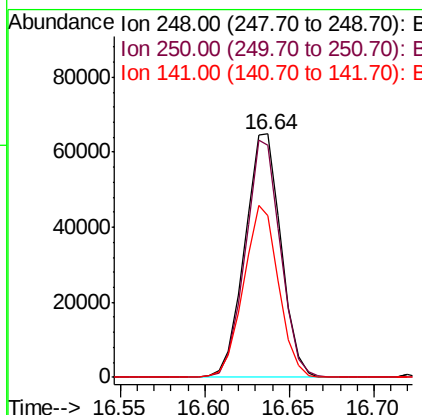
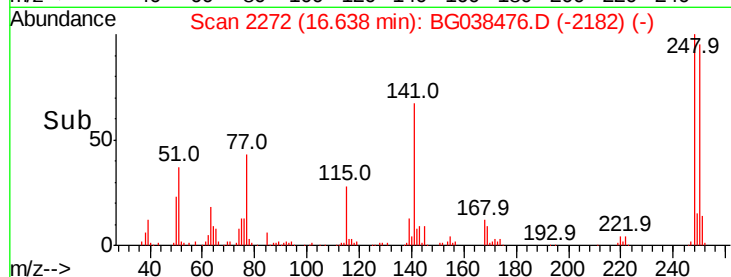
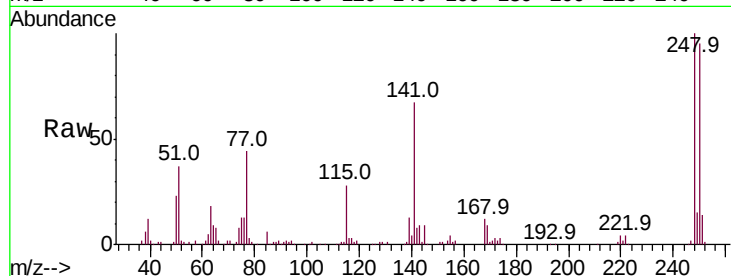
#67
 4-Bromophenyl-phenylether
 Concen: 52.792 ng
 RT: 16.64 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: BG038476.D
 Acq: 11 Dec 2018 19:19

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-121018-AMSD

Tot Ion:	248	Resp:	96210
Ion Ratio	Lower	Upper	
248	100		
250	95.3	77.0	115.6
141	66.5	55.5	83.3

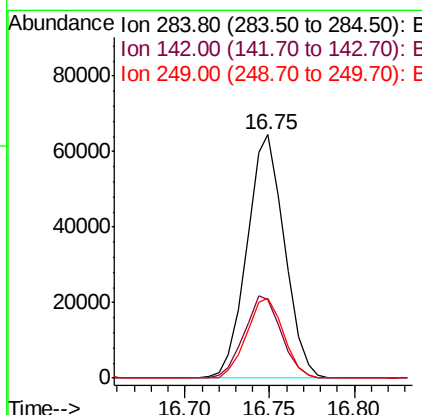
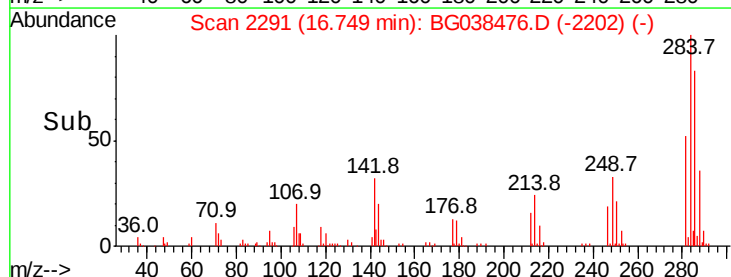
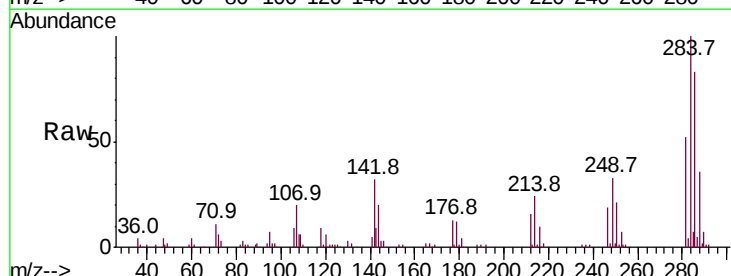
Manual Integrations
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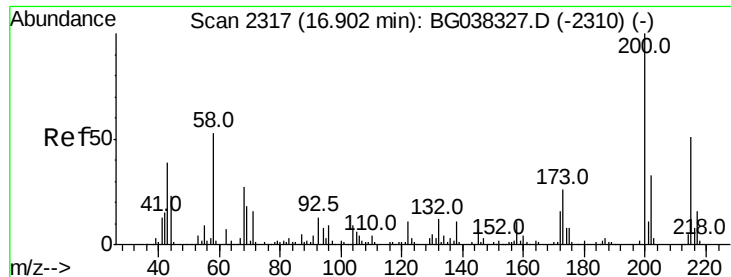
Sohil
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#68
 Hexachlorobenzene
 Concen: 52.625 ng
 RT: 16.75 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BG038476.D
 Acq: 11 Dec 2018 19:19

Tgt Ion:	284	Resp:	98923
Ion Ratio	Lower	Upper	
284	100		
142	32.1	28.1	42.1
249	34.7	29.8	44.8





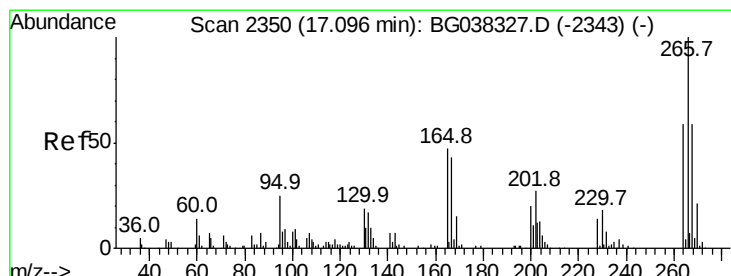
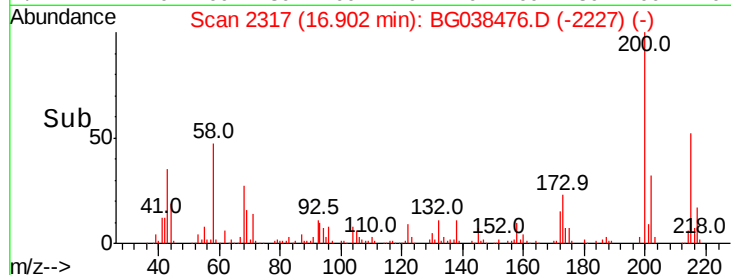
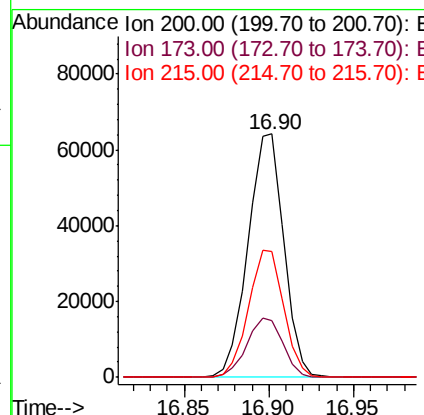
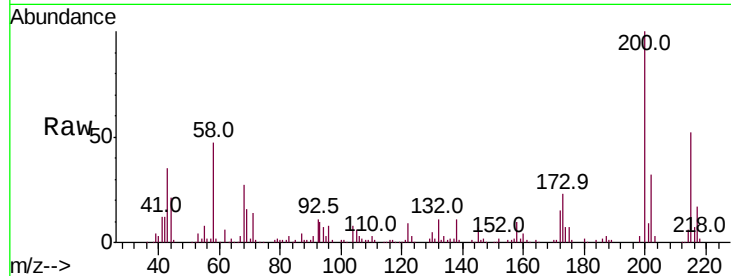
#69
Atrazine
Concen: 53.538 ng
RT: 16.90 min Scan# 2317
Delta R.T. 0.00 min
Lab File: BG038476.D
Acq: 11 Dec 2018 19:19

Instrument :
BNA_G
ClientSampleId :
OR-02-121018-AMSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.2	6.1	46.1
215	51.9	30.8	70.8

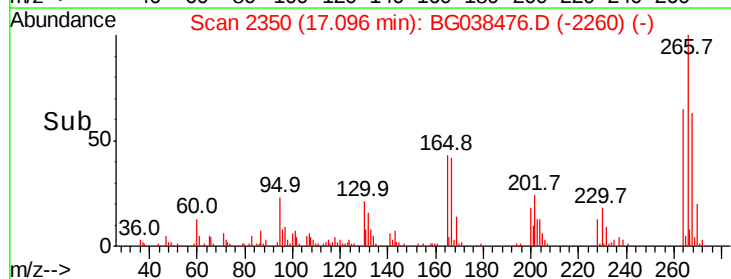
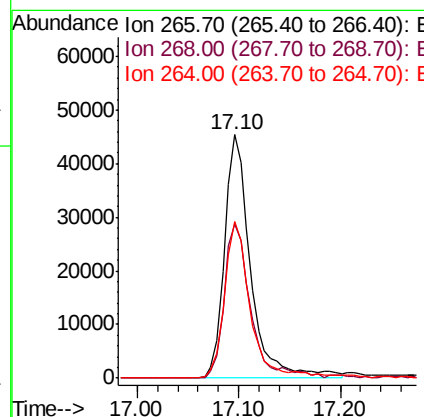
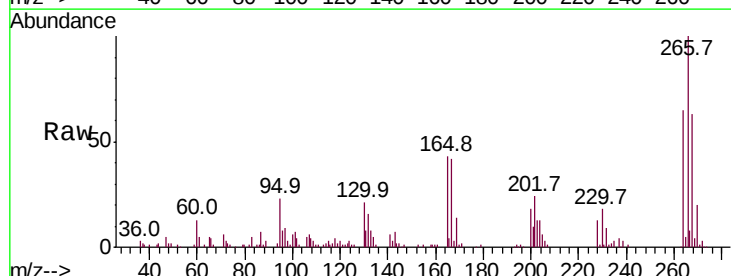
Manual Integrations
APPROVED

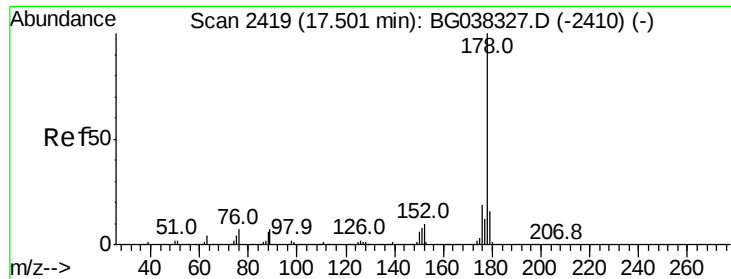
Sohil
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#70
Pentachlorophenol
Concen: 63.177 ng
RT: 17.10 min Scan# 2350
Delta R.T. 0.00 min
Lab File: BG038476.D
Acq: 11 Dec 2018 19:19

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.4	55.0	82.6
264	69.2	58.9	88.3





#71

Phenanthrene

Concen: 52.552 ng

RT: 17.50 min Scan# 2418

Delta R.T. -0.01 min

Lab File: BG038476.D

Acq: 11 Dec 2018 19:19

Instrument :

BNA_G

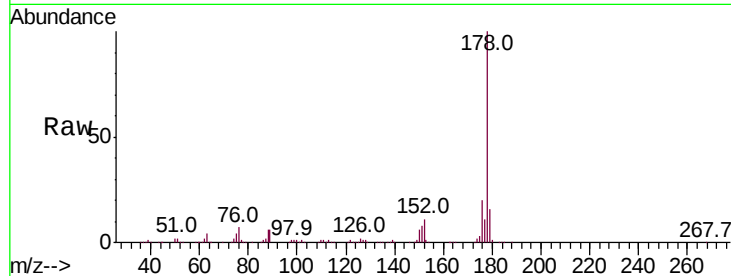
ClientSampleId :

OR-02-121018-AMSD

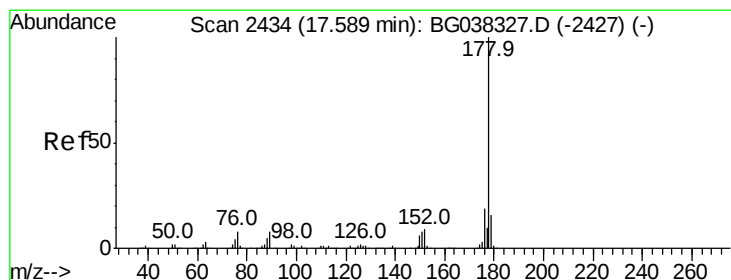
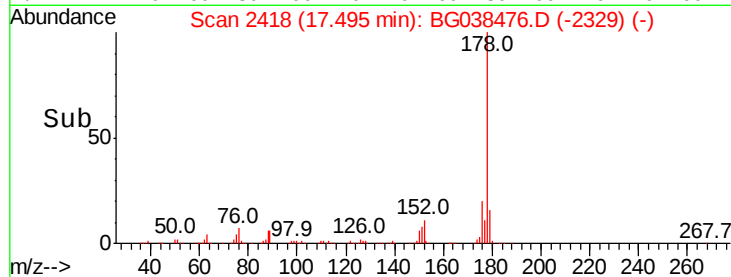
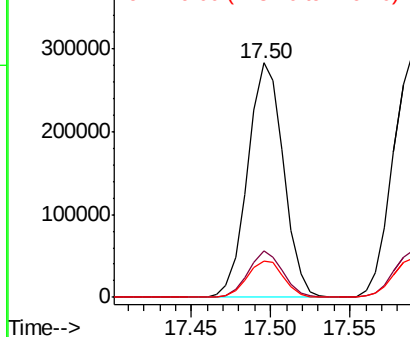
Tot Ion:	178	Resp:	444138
Ion Ratio	Lower	Upper	
178	100		
176	19.6	16.1	24.1
179	15.6	13.0	19.4

Manual Integrations
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 54.887 ng

RT: 17.59 min Scan# 2434

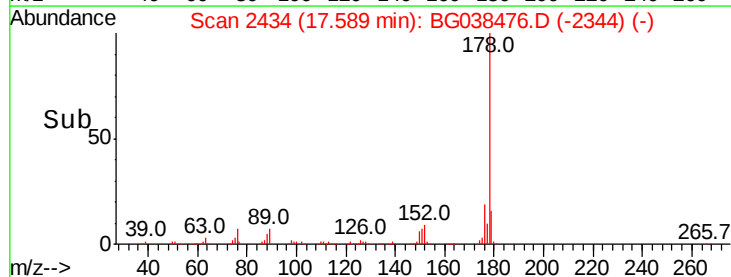
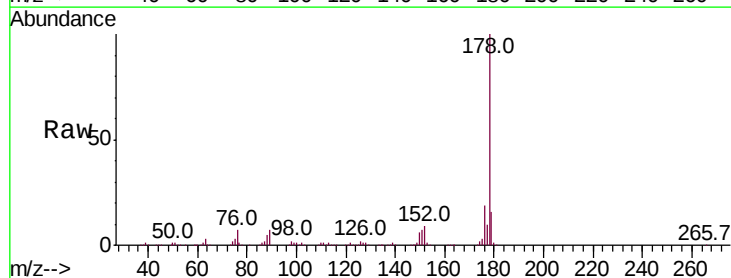
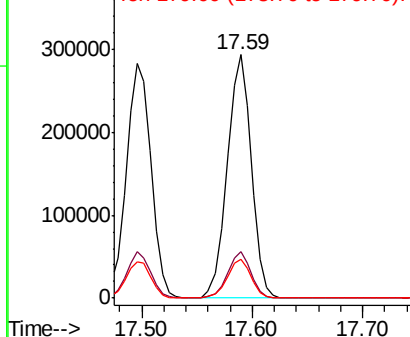
Delta R.T. 0.00 min

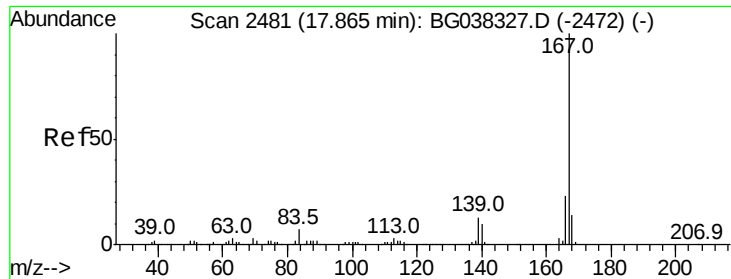
Lab File: BG038476.D

Acq: 11 Dec 2018 19:19

Tgt Ion:	178	Resp:	449220
Ion Ratio	Lower	Upper	
178	100		
176	19.1	15.0	22.4
179	15.7	12.8	19.2

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





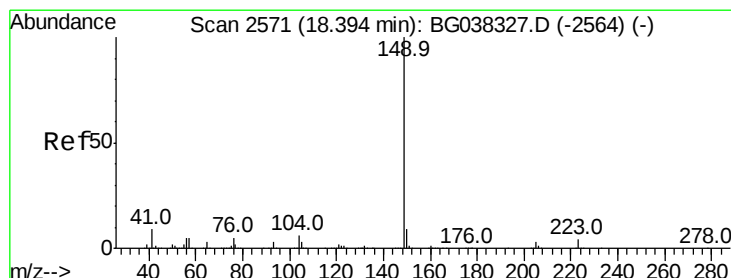
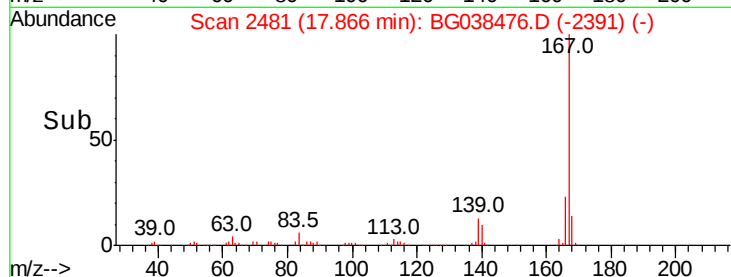
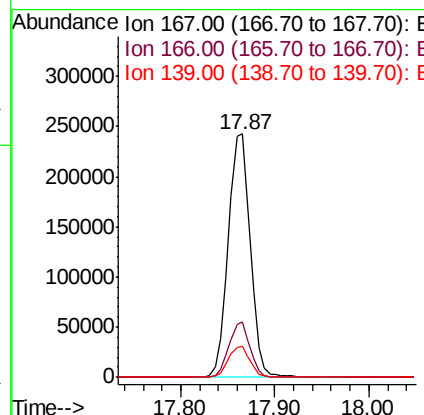
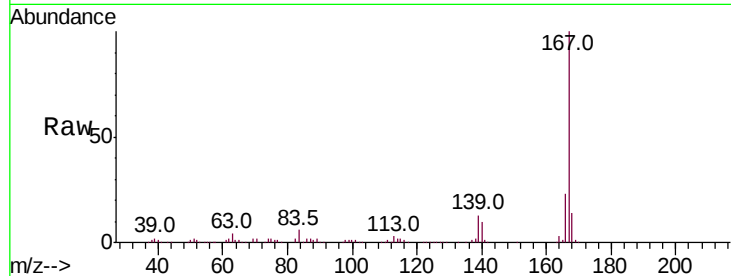
#73
 Carbazole
 Concen: 48.812 ng
 RT: 17.87 min Scan# 2481
 Delta R.T. 0.00 min
 Lab File: BG038476.D
 Acq: 11 Dec 2018 19:19

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-121018-AMSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.7	18.3	27.5
139	12.8	10.5	15.7

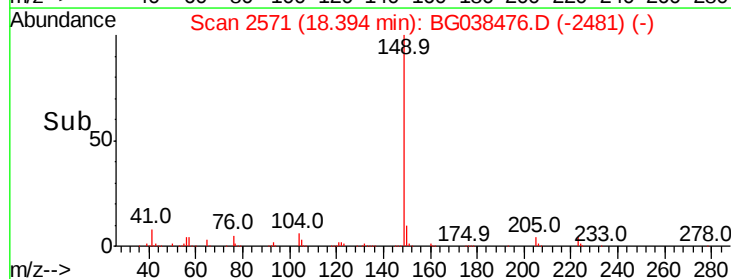
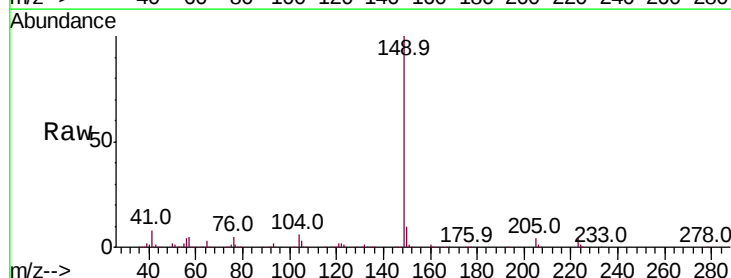
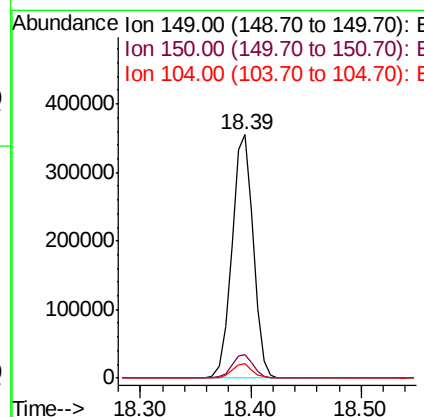
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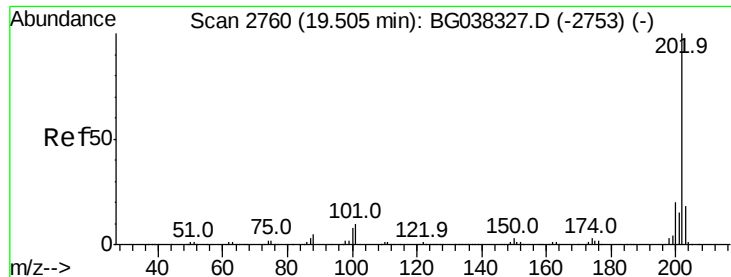
Sohil
 12/12/2018 5:38:43 PM



#74
 Di-n-butylphthalate
 Concen: 50.460 ng
 RT: 18.39 min Scan# 2571
 Delta R.T. 0.00 min
 Lab File: BG038476.D
 Acq: 11 Dec 2018 19:19

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	8.2	12.2
104	5.8	4.0	6.0





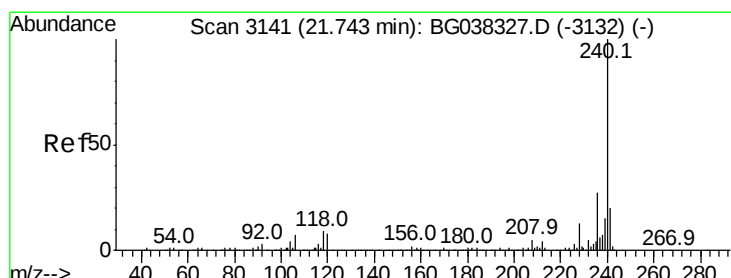
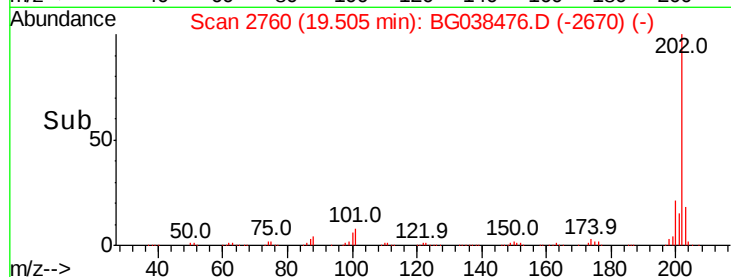
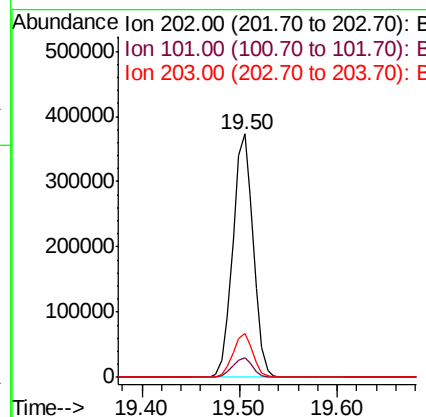
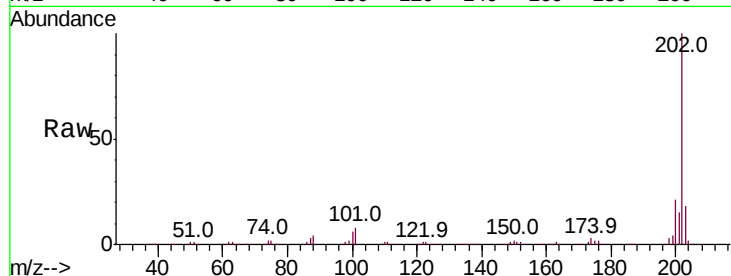
#75
Fluoranthene
 Concen: 54.364 ng
 RT: 19.50 min Scan# 2760
 Delta R.T. 0.00 min
 Lab File: BG038476.D
 Acq: 11 Dec 2018 19:19

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-121018-AMSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.0	0.0	30.7
203	17.9	0.0	38.5

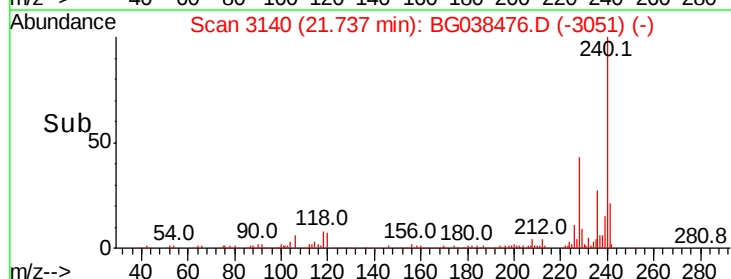
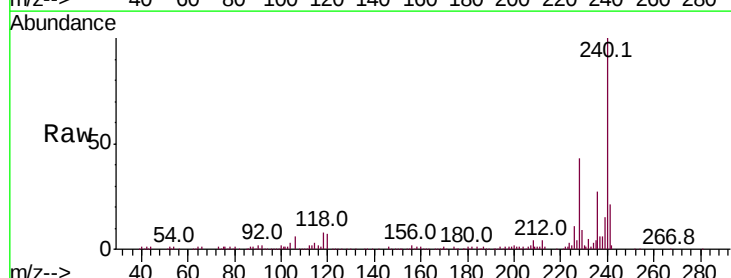
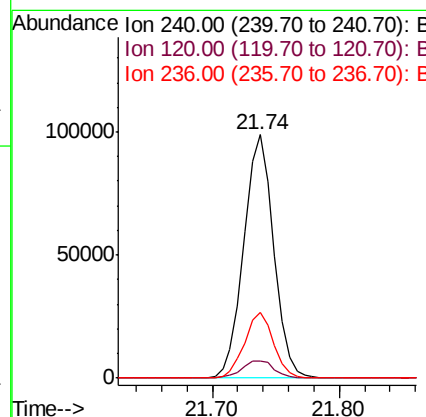
Manual Integrations
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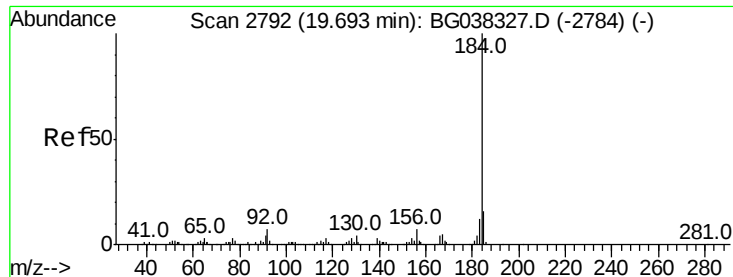
Sohil
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#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 21.74 min Scan# 3140
 Delta R.T. -0.01 min
 Lab File: BG038476.D
 Acq: 11 Dec 2018 19:19

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	7.2	8.1	12.1#
236	26.9	21.4	32.0





#77

Benzidine

Concen: 23.168 ng

RT: 19.69 min Scan# 2791

Delta R.T. -0.01 min

Lab File: BG038476.D

Acq: 11 Dec 2018 19:19

Instrument :

BNA_G

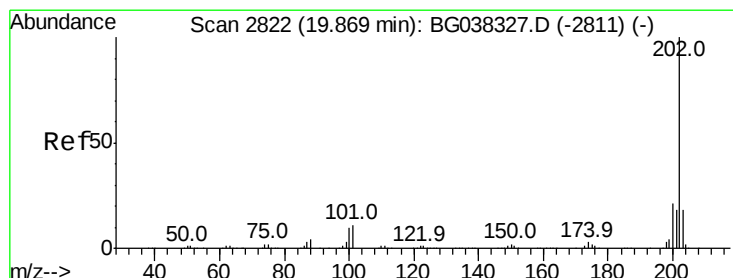
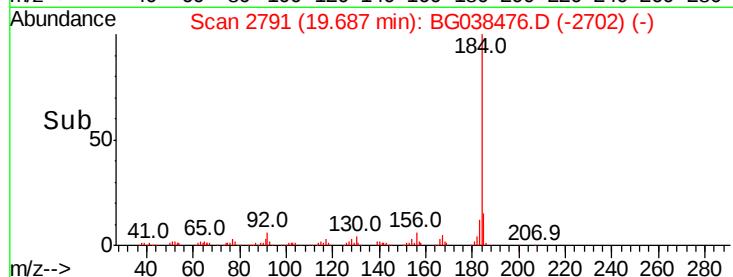
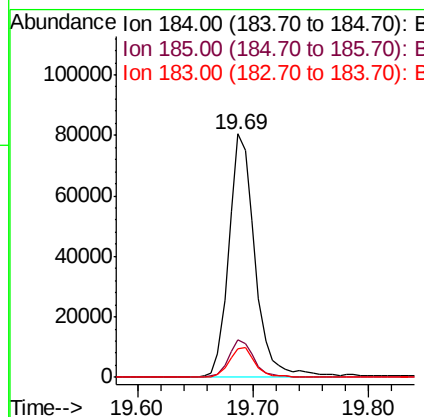
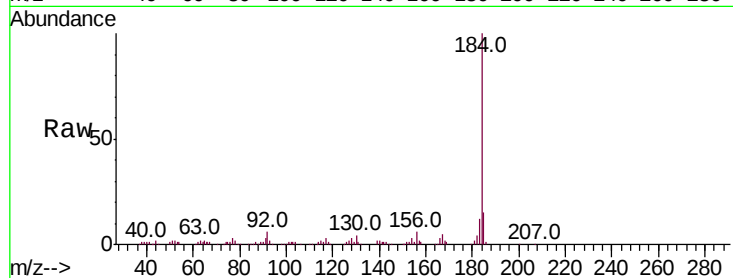
ClientSampleId :

OR-02-121018-AMSD

Tot Ion:	184	Resp:	126361
Ion Ratio	Lower	Upper	
184	100		
185	15.2	12.6	18.8
183	12.0	10.2	15.2

Manual Integrations
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#78

Pyrene

Concen: 47.304 ng

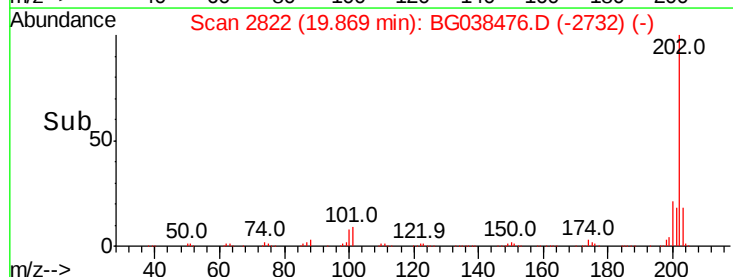
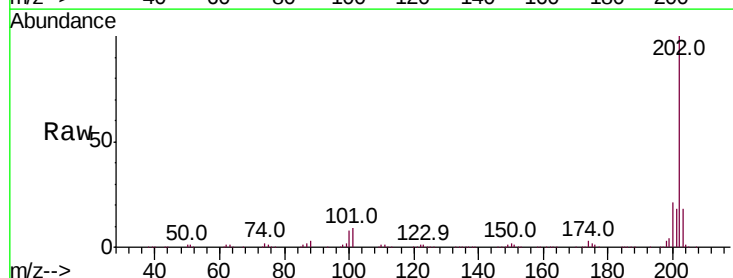
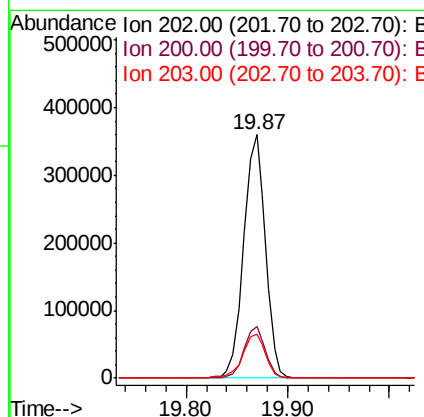
RT: 19.87 min Scan# 2822

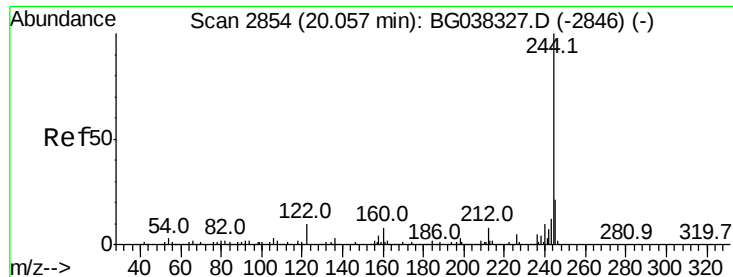
Delta R.T. 0.00 min

Lab File: BG038476.D

Acq: 11 Dec 2018 19:19

Tgt Ion:	202	Resp:	534958
Ion Ratio	Lower	Upper	
202	100		
200	21.3	17.8	26.6
203	18.2	15.2	22.8





#79

Terphenyl-d14

Concen: 105.999 ng

RT: 20.06 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BG038476.D

Acq: 11 Dec 2018 19:19

Instrument :

BNA_G

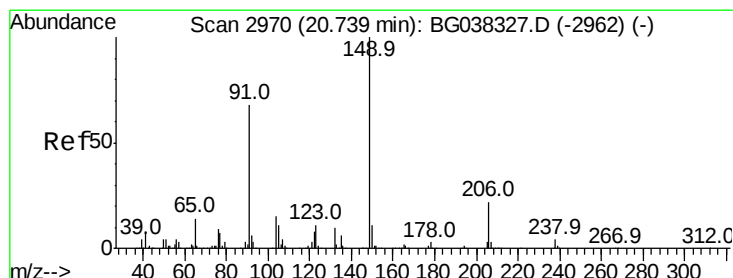
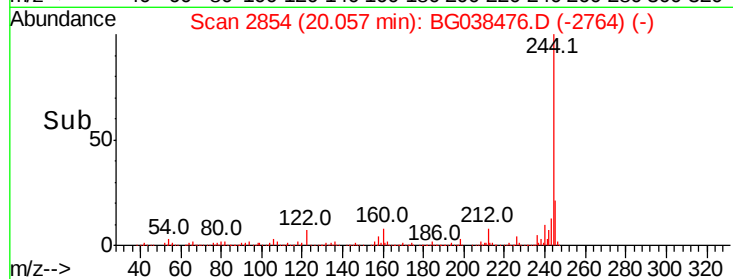
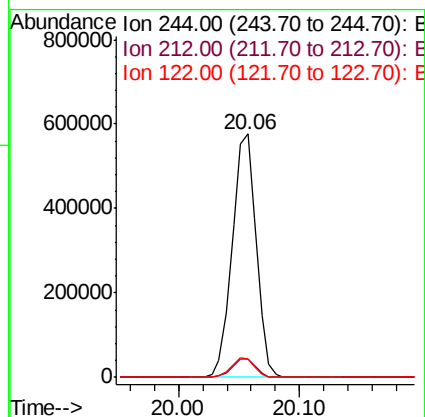
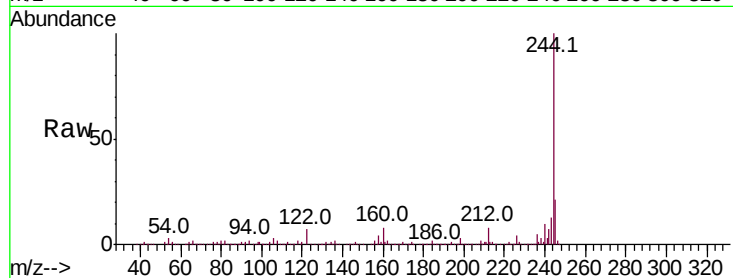
ClientSampleId :

OR-02-121018-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.7	6.5	9.7	
122	7.3	9.0	13.4	

Manual Integrations
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#80

Butylbenzylphthalate

Concen: 46.427 ng

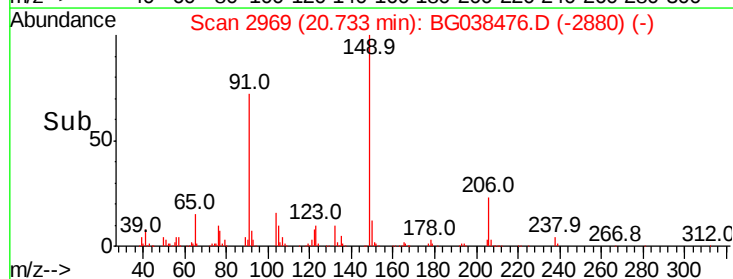
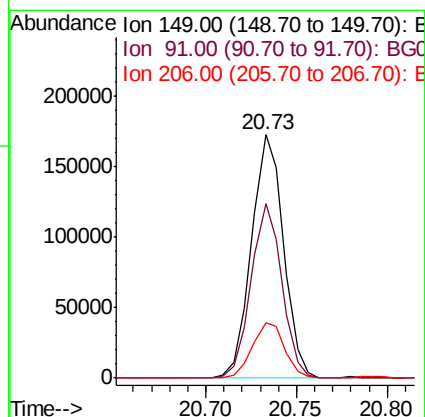
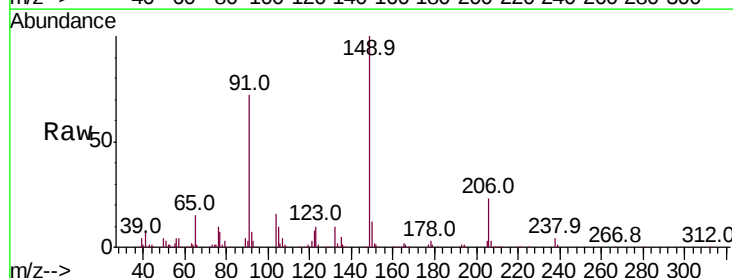
RT: 20.73 min Scan# 2969

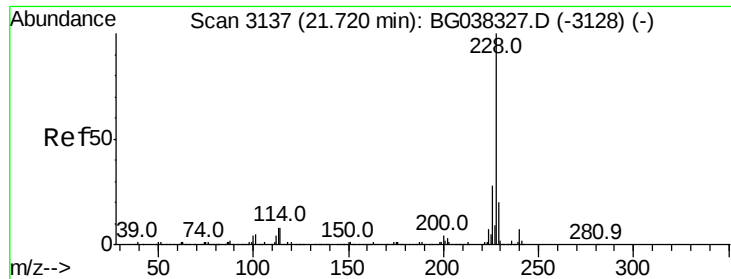
Delta R.T. -0.01 min

Lab File: BG038476.D

Acq: 11 Dec 2018 19:19

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
91	71.8	57.0	85.4	
206	22.8	17.8	26.6	





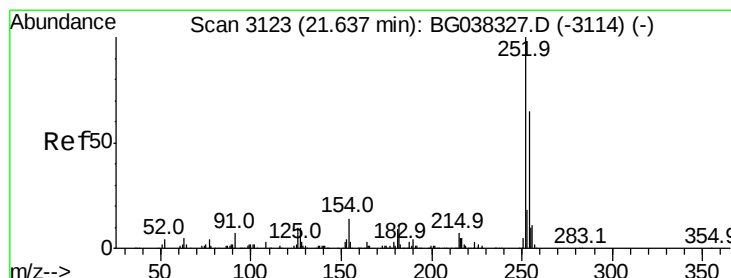
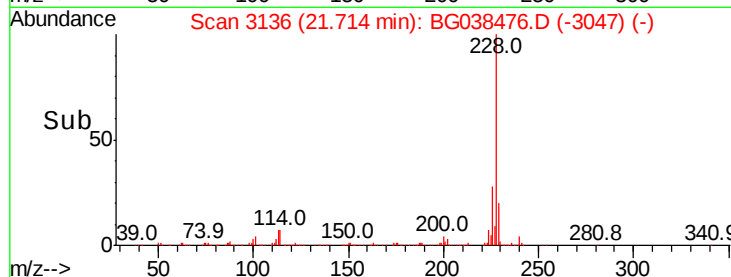
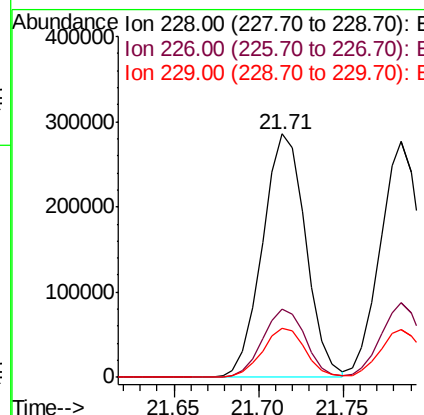
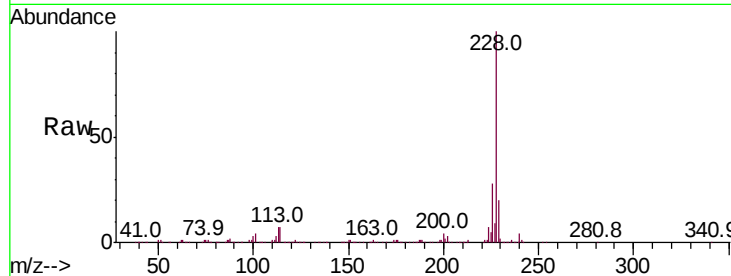
#81
Benzo(a)anthracene
Concen: 51.126 ng
RT: 21.71 min Scan# 3136
Delta R.T. -0.01 min
Lab File: BG038476.D
Acq: 11 Dec 2018 19:19

Instrument :
BNA_G
ClientSampleId :
OR-02-121018-AMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	33.8
229	20.0	16.3	24.5

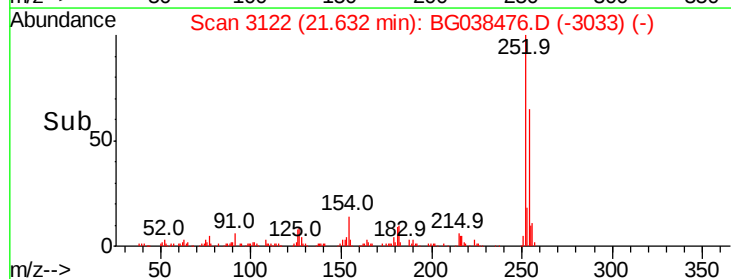
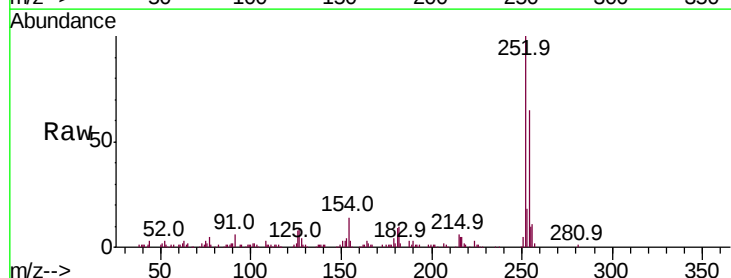
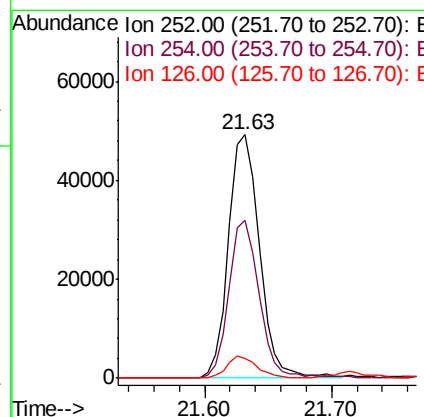
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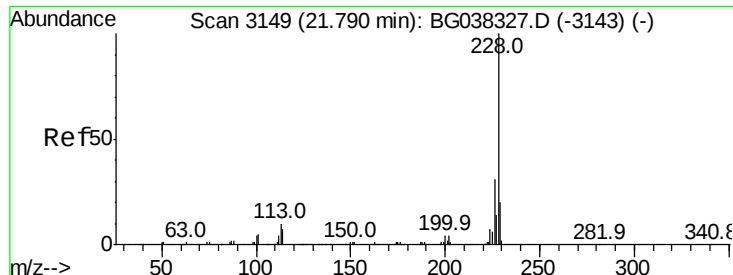
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#82
3,3'-Dichlorobenzidine
Concen: 21.657 ng
RT: 21.63 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BG038476.D
Acq: 11 Dec 2018 19:19

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.6	52.0	78.0
126	8.0	8.2	12.4#





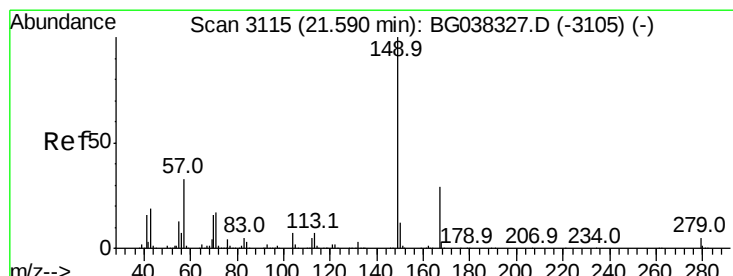
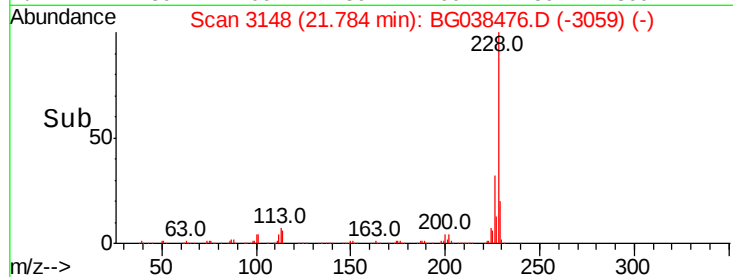
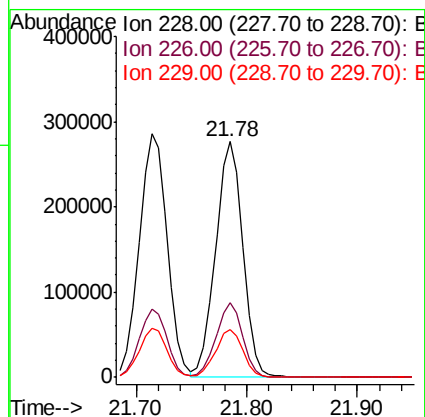
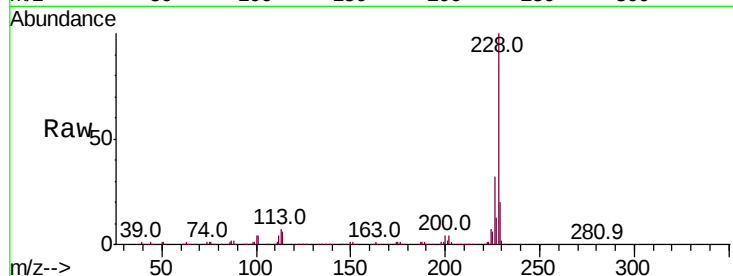
#83
 Chrvsene
 Concen: 49.987 ng
 RT: 21.78 min Scan# 3148
 Delta R.T. -0.01 min
 Lab File: BG038476.D
 Acq: 11 Dec 2018 19:19

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-121018-AMSD

Tot Ion:	228	Resp:	469908
Ion Ratio	Lower	Upper	
228	100		
226	31.6	25.7	38.5
229	20.4	16.5	24.7

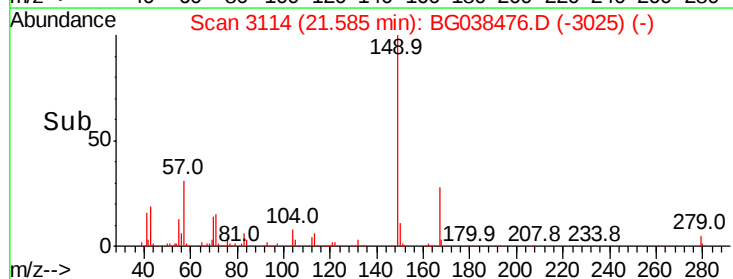
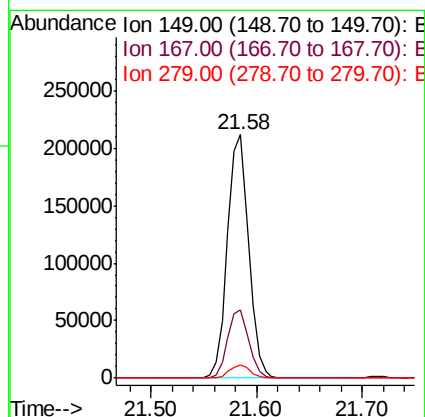
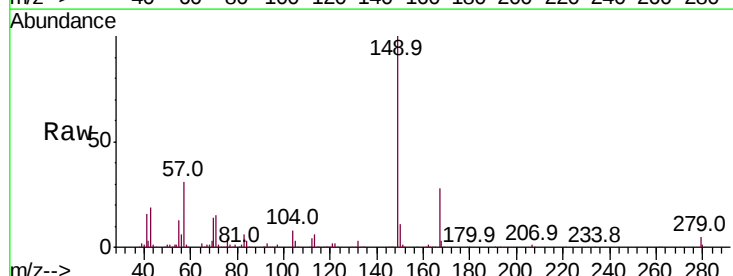
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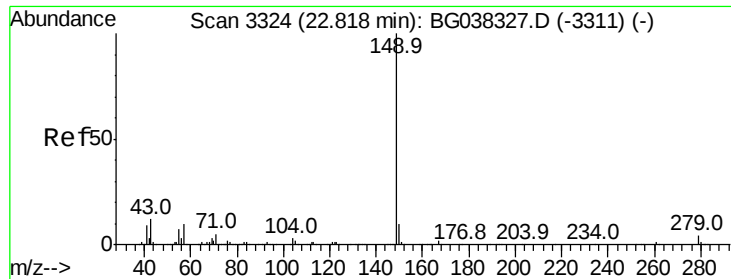
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.676 ng
 RT: 21.58 min Scan# 3114
 Delta R.T. -0.01 min
 Lab File: BG038476.D
 Acq: 11 Dec 2018 19:19

Tgt Ion:	149	Resp:	294469
Ion Ratio	Lower	Upper	
149	100		
167	28.0	23.0	34.4
279	5.4	3.6	5.4





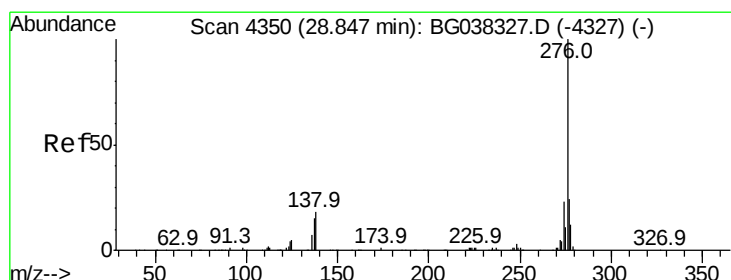
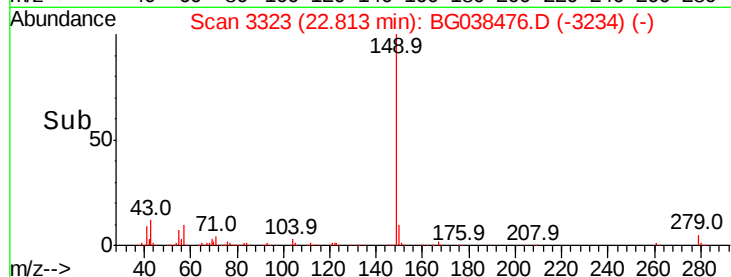
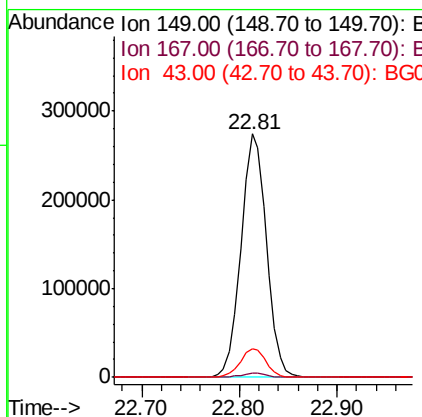
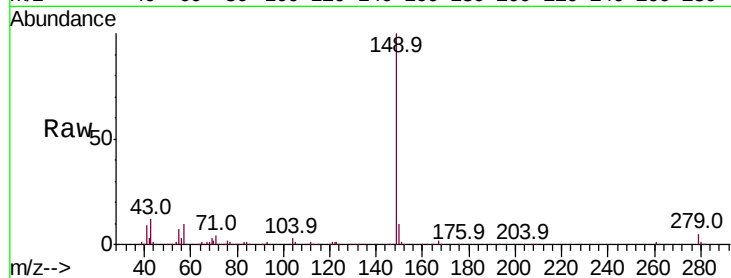
#85
Di-n-octyl phthalate
Concen: 45.140 ng
RT: 22.81 min Scan# 3323
Delta R.T. -0.01 min
Lab File: BG038476.D
Acq: 11 Dec 2018 19:19

Instrument :
BNA_G
ClientSampleId :
OR-02-121018-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	499001		
167	1.7		1.3	1.9
43	11.8		8.7	13.1

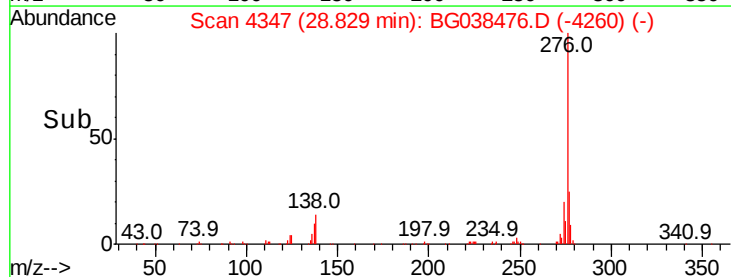
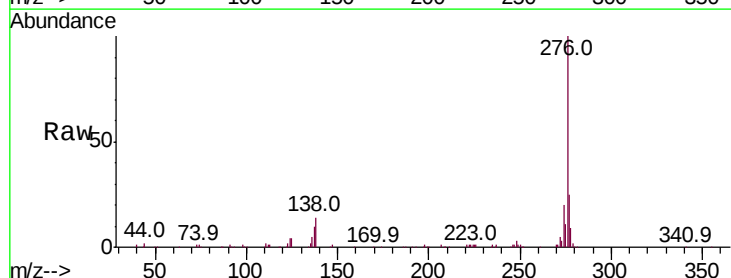
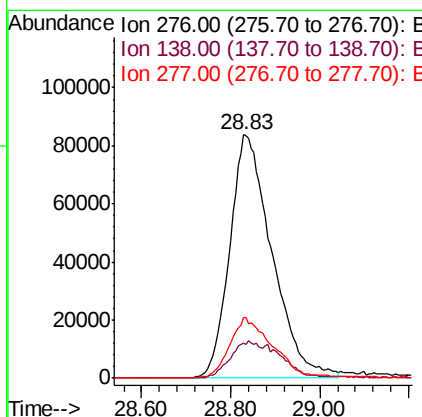
Manual Integrations
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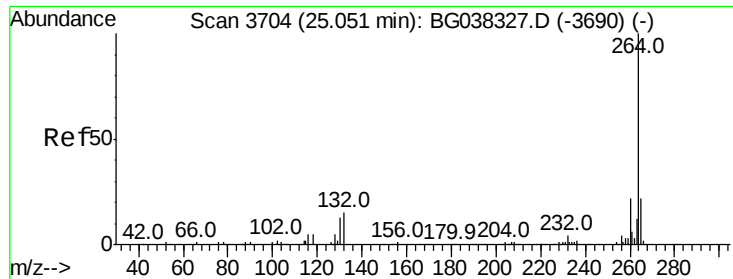
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 51.616 ng
RT: 28.83 min Scan# 4347
Delta R.T. -0.02 min
Lab File: BG038476.D
Acq: 11 Dec 2018 19:19

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	551442		
138	10.7		12.0	18.0#
277	25.4		20.6	30.8





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.04 min Scan# 3702

Delta R.T. -0.01 min

Lab File: BG038476.D

Acq: 11 Dec 2018 19:19

Instrument :

BNA_G

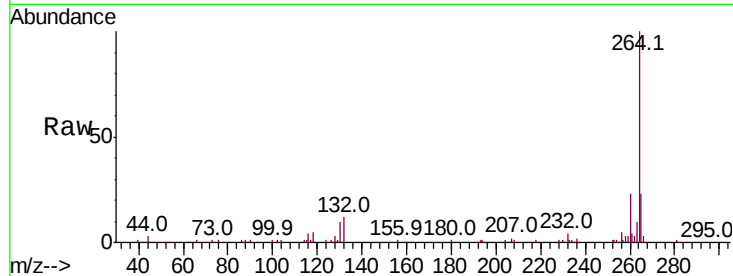
ClientSampleId :

OR-02-121018-AMSD

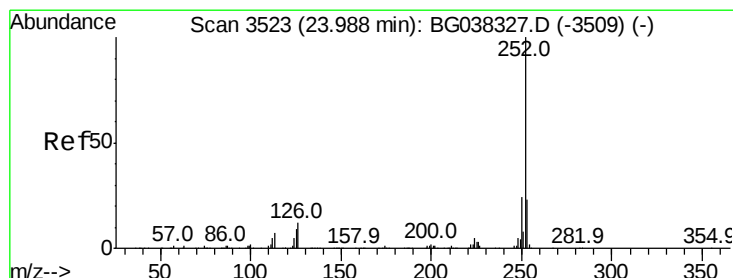
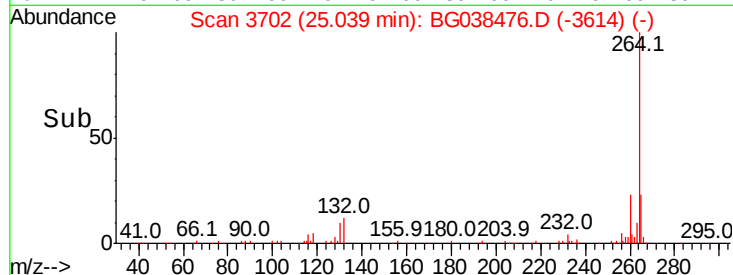
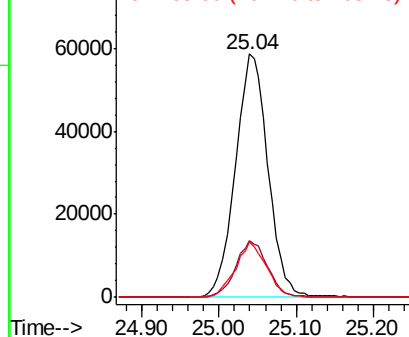
Tot Ion:	264	Resp:	173265
Ion Ratio		Lower	Upper
264	100		
260	23.2	18.2	27.4
265	22.6	17.9	26.9

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 50.815 ng

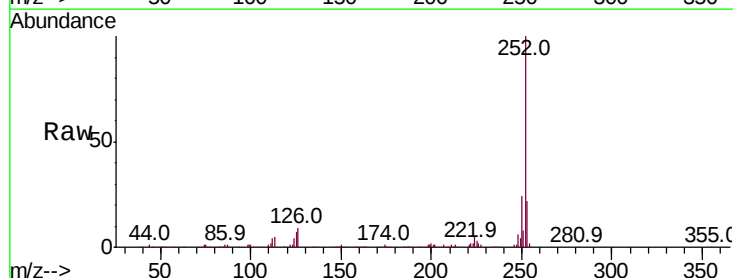
RT: 23.99 min Scan# 3523

Delta R.T. 0.00 min

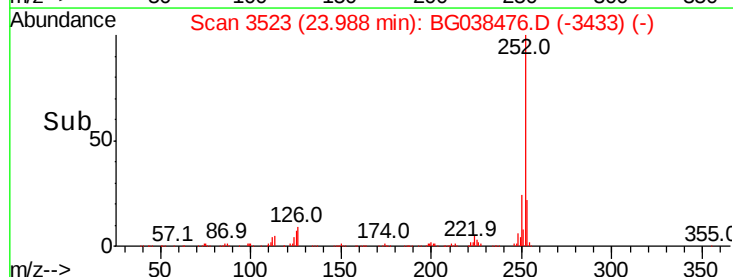
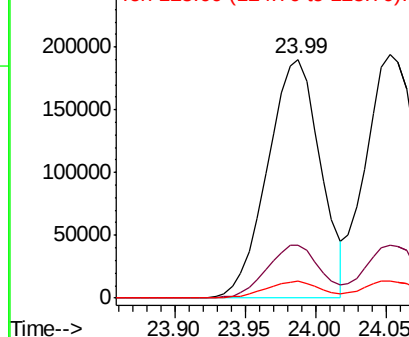
Lab File: BG038476.D

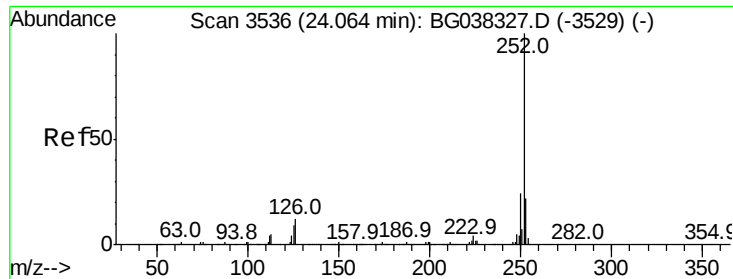
Acq: 11 Dec 2018 19:19

Tgt Ion:	252	Resp:	497484
Ion Ratio		Lower	Upper
252	100		
253	22.3	18.2	27.2
125	7.0	7.8	11.6#



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





#89

Benzo(k)fluoranthene

Concen: 50.525 ng

RT: 24.05 min Scan# 3534

Delta R.T. -0.01 min

Lab File: BG038476.D

Acq: 11 Dec 2018 19:19

Instrument :

BNA_G

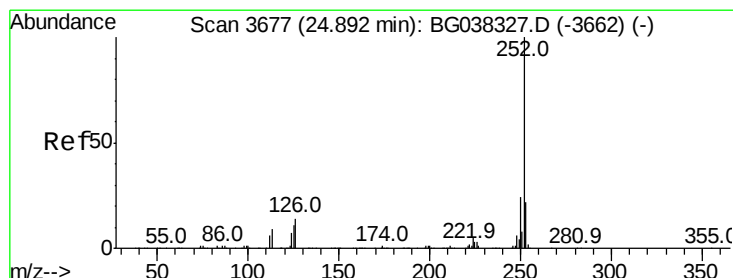
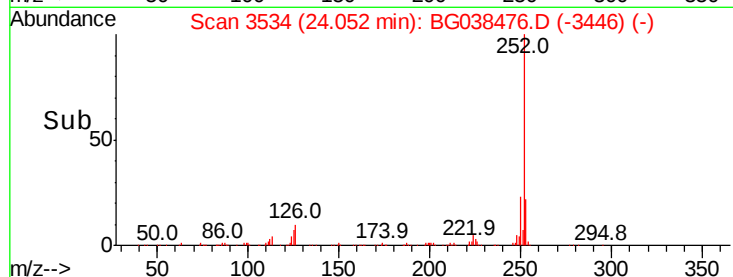
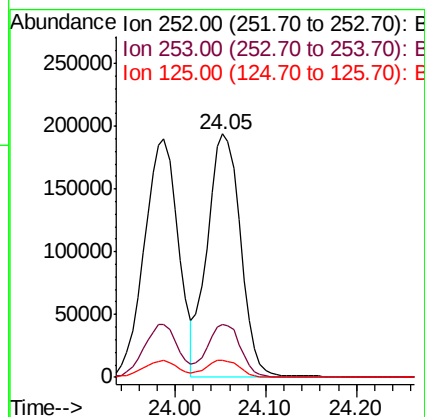
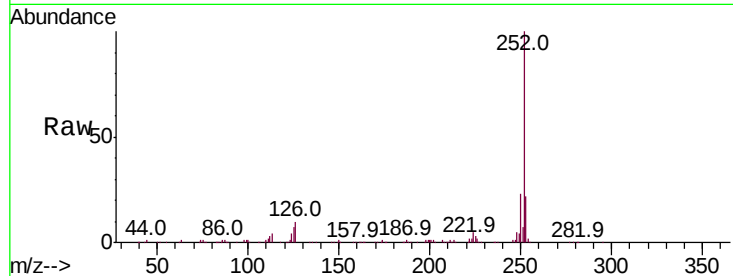
ClientSampleId :

OR-02-121018-AMSD

Tot Ion:	252	Resp:	492649
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.4	26.2
125	7.0	7.4	11.0#

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 51.253 ng

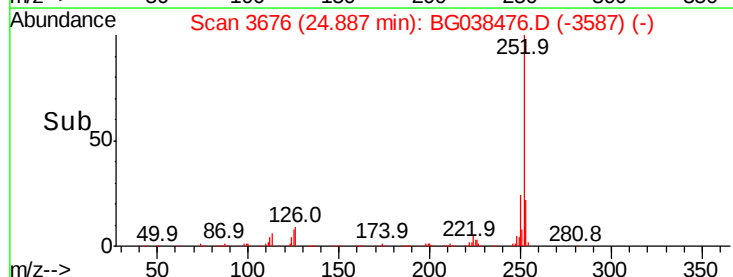
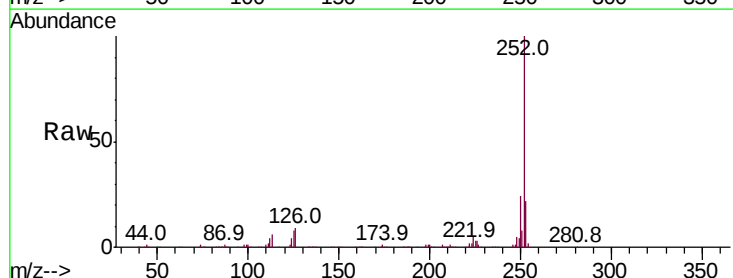
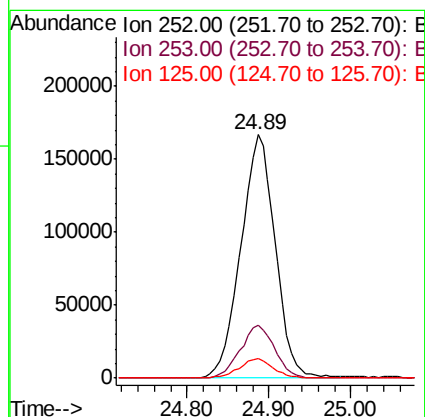
RT: 24.89 min Scan# 3676

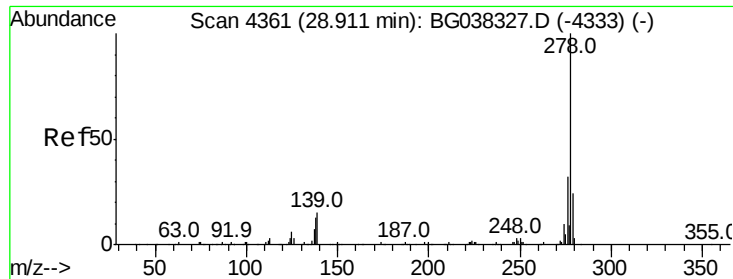
Delta R.T. -0.01 min

Lab File: BG038476.D

Acq: 11 Dec 2018 19:19

Tgt Ion:	252	Resp:	486710
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.4	26.2
125	7.8	9.0	13.6#





#91

Dibenzo(a,h)anthracene

Concen: 50.006 ng

RT: 28.90 min Scan# 4359

Delta R.T. -0.01 min

Lab File: BG038476.D

Acq: 11 Dec 2018 19:19

Instrument :

BNA_G

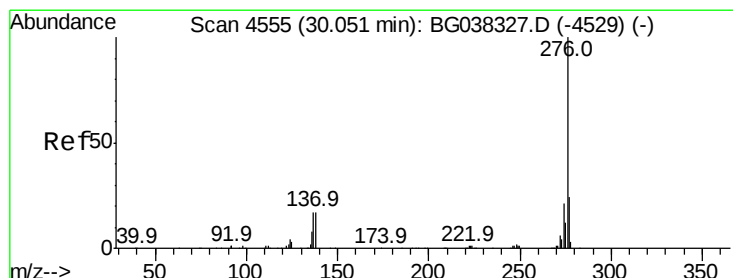
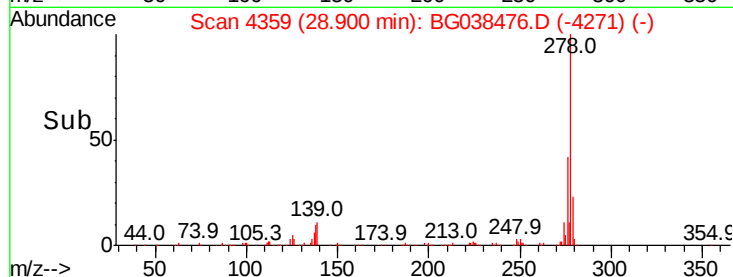
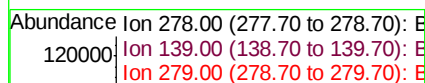
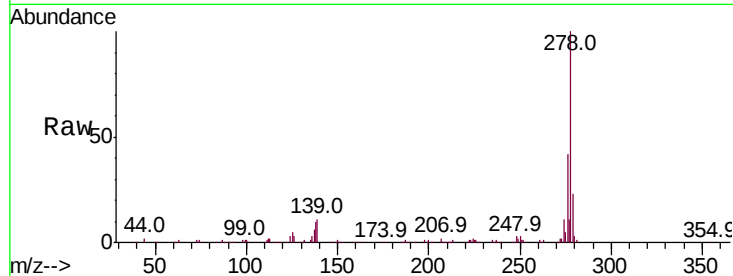
ClientSampleId :

OR-02-121018-AMSD

Tot Ion:	278	Resp:	450390
Ion Ratio	Lower	Upper	
278	100		
139	10.6	11.5	17.3#
279	22.5	18.6	27.8

Manual Integrations
APPROVED

Sohil
12/12/2018 5:38:43 PM



#92

Benzo(g,h,i)perylene

Concen: 50.015 ng

RT: 30.03 min Scan# 4552

Delta R.T. -0.02 min

Lab File: BG038476.D

Acq: 11 Dec 2018 19:19

Tgt Ion:	276	Resp:	446927
Ion Ratio	Lower	Upper	
276	100		
277	22.9	18.9	28.3
138	15.7	17.2	25.8#

