

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121218\
 Data File : BG038529.D
 Acq On : 13 Dec 2018 12:48
 Operator : JU/SJ
 Sample : J6275-01MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BF-01-120418MSD

Manual Integrations
 APPROVED

Sohil
 12/13/2018 6:08:15 PM

Quant Time: Dec 13 16:46:59 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	20318	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	87163	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	60441	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	153164	20.00	ng	0.00
76) Chrysene-d12	21.73	240	153161	20.00	ng	0.00
87) Perylene-d12	25.02	264	168296	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	192191	167.77	ng	0.00
7) Phenol-d6	7.21	99	268962	171.03	ng	0.00
23) Nitrobenzene-d5	9.24	82	173991	101.98	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	141878	170.32	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	432600	98.19	ng	0.00
79) Terphenyl-d14	20.04	244	786705	111.79	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.49	88	19504	36.583	ng	# 91
3) Pyridine	3.89	79	43884	29.896	ng	# 83
4) n-Nitrosodimethylamine	3.82	42	39891	55.463	ng	# 90
6) Aniline	7.39	93	47487	23.654	ng	99
8) 2-Chlorophenol	7.62	128	71872	54.216	ng	97
9) Benzaldehyde	7.20	77	30629	30.023	ng	94
10) Phenol	7.24	94	105518	63.156	ng	98
11) bis(2-Chloroethyl)ether	7.48	93	64919	48.805	ng	98
12) 1,3-Dichlorobenzene	7.95	146	73116	46.647	ng	98
13) 1,4-Dichlorobenzene	8.09	146	74388	46.339	ng	98
14) 1,2-Dichlorobenzene	8.41	146	71654	47.346	ng	98
15) Benzyl Alcohol	8.30	79	68711	55.977	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	150780	49.483	ng	98
17) 2-Methylphenol	8.49	107	64487	57.610	ng	97
18) Hexachloroethane	9.14	117	27224	46.410	ng	94
19) n-Nitroso-di-n-propylamine	8.86	70	57048	51.650	ng	98
20) 3+4-Methylphenols	8.83	107	90223	58.362	ng	96
22) Acetophenone	8.89	105	110051	50.548	ng	# 97
24) Nitrobenzene	9.28	77	86477	50.102	ng	98
25) Isophorone	9.79	82	164117	53.537	ng	98
26) 2-Nitrophenol	9.99	139	43185	48.885	ng	96
27) 2,4-Dimethylphenol	10.03	122	76098	60.106	ng	100
28) bis(2-Chloroethoxy)methane	10.27	93	91141	52.684	ng	97
29) 2,4-Dichlorophenol	10.52	162	81929	58.169	ng	100
30) 1,2,4-Trichlorobenzene	10.73	180	82716	48.619	ng	95
31) Naphthalene	10.93	128	229382	53.412	ng	99
32) Benzoic acid	10.19	122	27119	36.746	ng	91
33) 4-Chloroaniline	11.04	127	12830	6.881	ng	# 92
34) Hexachlorobutadiene	11.19	225	53541	46.509	ng	99
35) Caprolactam	11.82	113	30037m	51.531	ng	
36) 4-Chloro-3-methylphenol	12.15	107	89725	55.823	ng	95
37) 2-Methylnaphthalene	12.53	142	175034	57.129	ng	97
38) 1-Methylnaphthalene	12.75	142	167832	56.451	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	104136	46.093	ng	99

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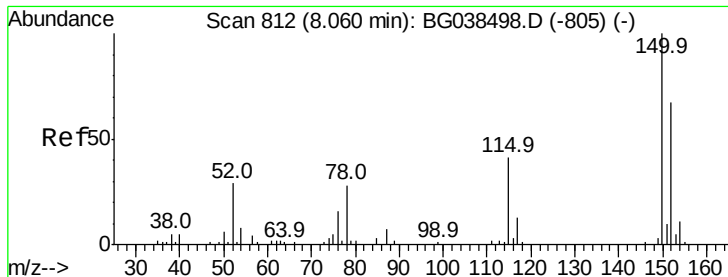
Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	125432	101.055	ng	92
43) 2,4,6-Trichlorophenol	13.13	196	74634	53.727	ng	96
44) 2,4,5-Trichlorophenol	13.21	196	81141	55.169	ng	98
46) 1,1'-Biphenyl	13.53	154	235749	46.527	ng	99
47) 2-Chloronaphthalene	13.58	162	187405	47.882	ng	98
48) 2-Nitroaniline	13.79	65	66976	53.724	ng	98
49) Acenaphthylene	14.42	152	316167	54.035	ng	99
50) Dimethylphthalate	14.15	163	314241	63.665	ng	98
51) 2,6-Dinitrotoluene	14.28	165	59926	53.575	ng	94
52) Acenaphthene	14.76	154	179713	51.365	ng	97
53) 3-Nitroaniline	14.61	138	18756	16.449	ng	# 91
54) 2,4-Dinitrophenol	14.82	184	74092	109.298	ng	96
55) Dibenzofuran	15.10	168	307596	51.288	ng	98
56) 4-Nitrophenol	14.92	139	98411	113.770	ng	92
57) 2,4-Dinitrotoluene	15.07	165	84949	53.922	ng	96
58) Fluorene	15.74	166	247284	55.652	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.32	232	75209	56.837	ng	99
60) Diethylphthalate	15.50	149	274082	50.583	ng	98
61) 4-Chlorophenyl-phenylether	15.73	204	137685	49.663	ng	99
62) 4-Nitroaniline	15.78	138	59429	50.627	ng	94
63) Azobenzene	16.03	77	238482	52.686	ng	97
65) 4,6-Dinitro-2-methylphenol	15.83	198	54532	49.910	ng	99
66) n-Nitrosodiphenylamine	15.95	169	227802	50.619	ng	99
67) 4-Bromophenyl-phenylether	16.63	248	92536	49.469	ng	100
68) Hexachlorobenzene	16.74	284	97361	50.210	ng	93
69) Atrazine	16.89	200	93985	56.275	ng	97
70) Pentachlorophenol	17.09	266	107543	93.766	ng	99
71) Phenanthrene	17.49	178	434279	54.678	ng	99
72) Anthracene	17.58	178	444522	56.692	ng	99
73) Carbazole	17.85	167	394147	50.828	ng	99
74) Di-n-butylphthalate	18.38	149	465246	52.287	ng	99
75) Fluoranthene	19.49	202	530906	54.024	ng	99
77) Benzidine	19.68	184	128717	28.417	ng	99
78) Pyrene	19.86	202	529709	52.352	ng	100
80) Butylbenzylphthalate	20.73	149	212572	53.774	ng	99
81) Benzo(a)anthracene	21.70	228	524270	56.175	ng	100
82) 3,3'-Dichlorobenzidine	21.62	252	90331	24.404	ng	99
83) Chrysene	21.77	228	482552	53.680	ng	100
84) Bis(2-ethylhexyl)phthalate	21.57	149	299048	53.339	ng	99
85) Di-n-octyl phthalate	22.80	149	506578	53.951	ng	98
86) Indeno(1,2,3-cd)pyrene	28.81	276	604746	57.222	ng	# 98
88) Benzo(b)fluoranthene	23.96	252	524968	56.814	ng	99
89) Benzo(k)fluoranthene	24.03	252	502086	54.567	ng	99
90) Benzo(a)pyrene	24.86	252	508129	57.001	ng	99
91) Dibenzo(a,h)anthracene	28.87	278	499071	56.228	ng	99
92) Benzo(g,h,i)perylene	30.00	276	502928	57.497	ng	98

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



#1

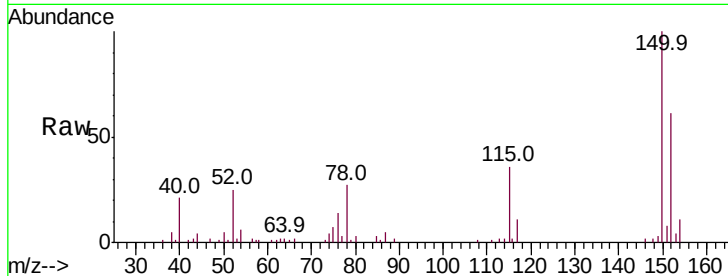
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038529.D
Acq: 13 Dec 2018 12:48

Instrument :
BNA_G
ClientSampleId :
BF-01-120418MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	164.9	119.5	179.3
115	58.7	49.6	74.4

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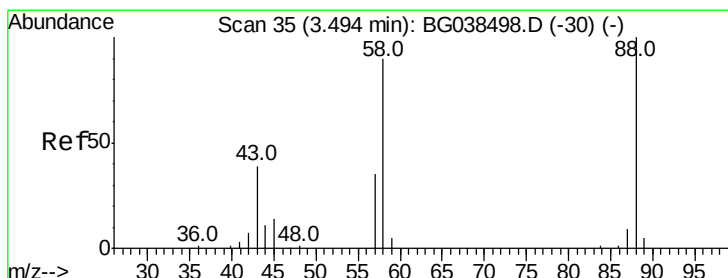
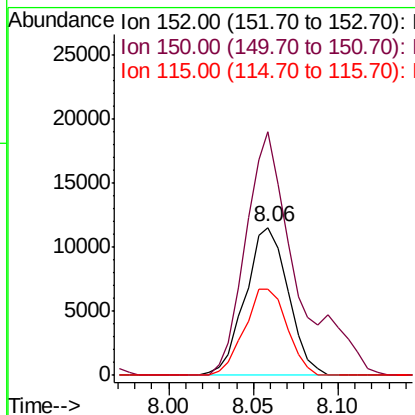
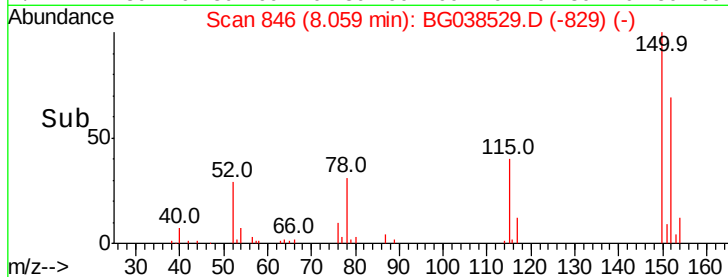


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

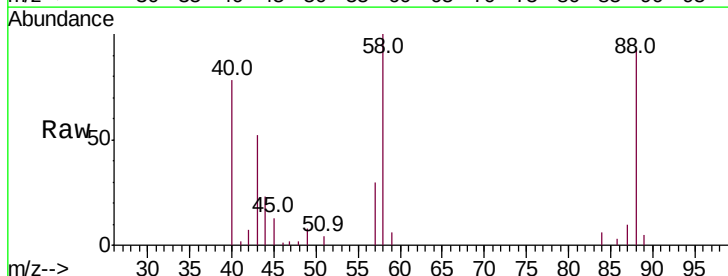
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 36.583 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.01 min
Lab File: BG038529.D
Acq: 13 Dec 2018 12:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	99.6	75.7	113.5
43	50.4	31.6	47.4

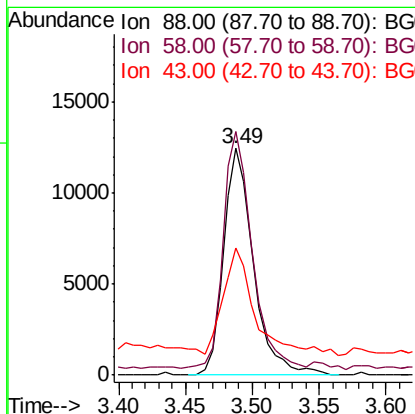
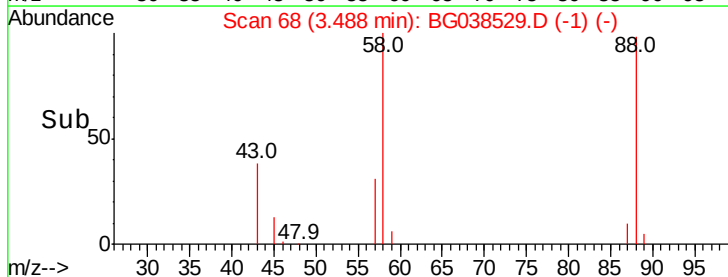


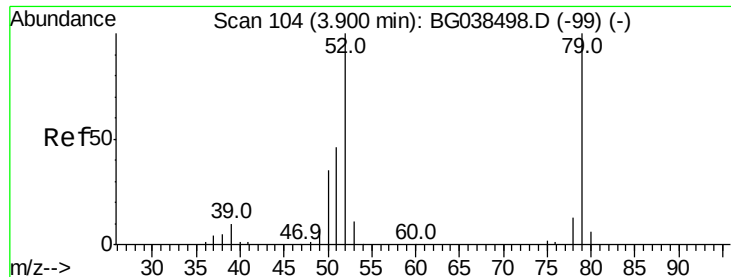
Abundance

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: 29.896 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.01 min

Lab File: BG038529.D

Acq: 13 Dec 2018 12:48

Instrument :

BNA_G

ClientSampleId :

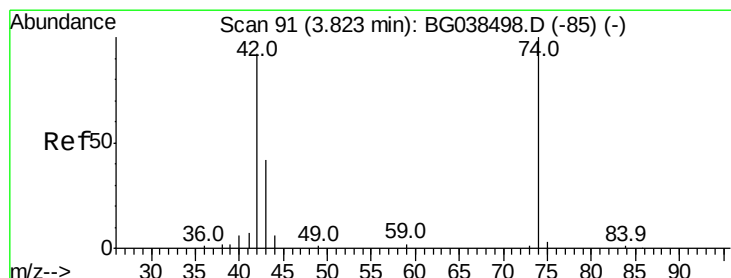
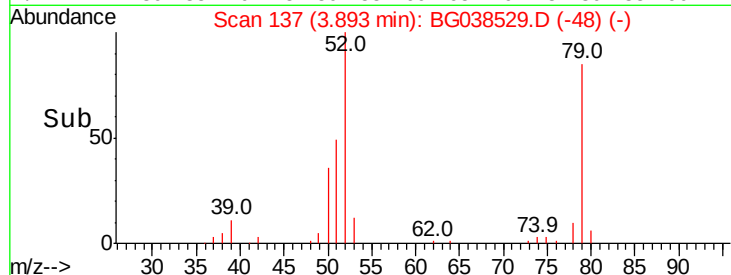
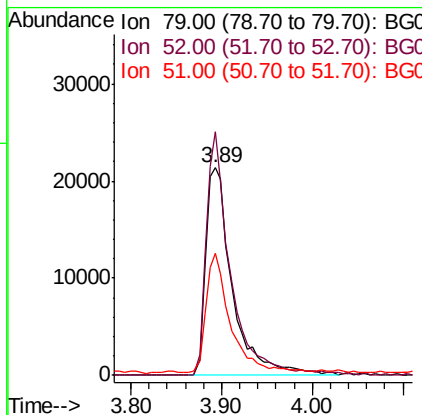
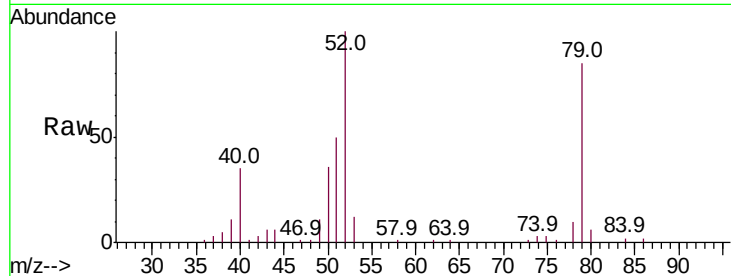
BF-01-120418MSD

Tot Ion: 79 Resp: 43884

Ion	Ratio	Lower	Upper
79	100		
52	117.3	80.2	120.2
51	58.8	38.0	57.0#

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#4

n-Nitrosodimethylamine

Concen: 55.463 ng

RT: 3.82 min Scan# 124

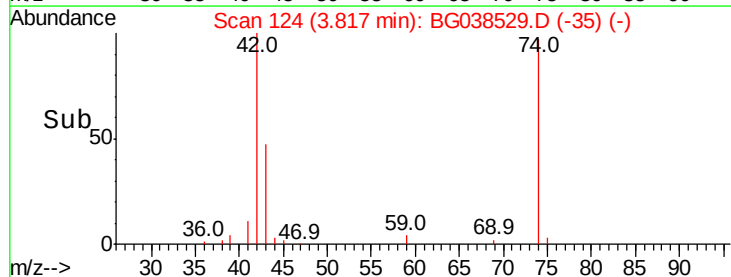
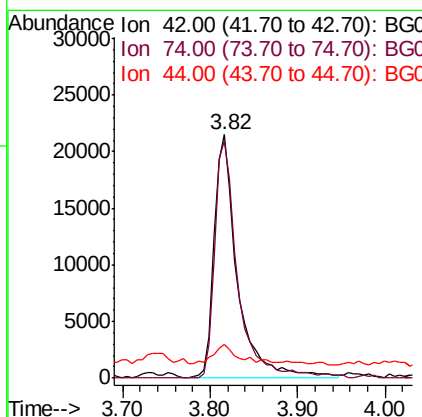
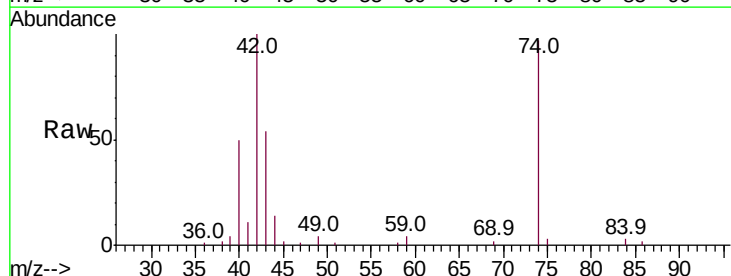
Delta R.T. -0.01 min

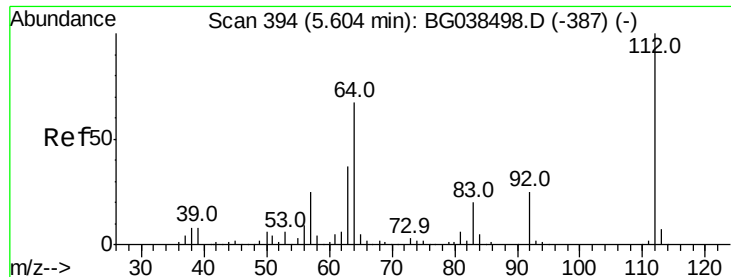
Lab File: BG038529.D

Acq: 13 Dec 2018 12:48

Tgt Ion: 42 Resp: 39891

Ion	Ratio	Lower	Upper
42	100		
74	97.5	86.7	130.1
44	13.7	7.8	11.8#





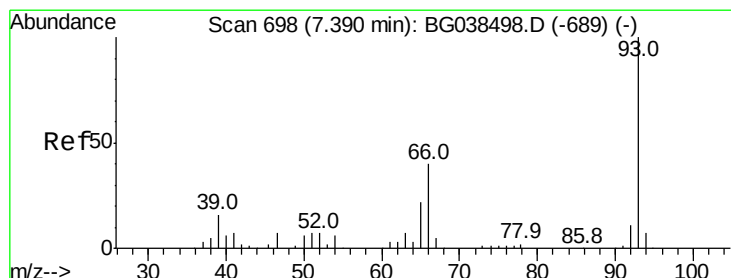
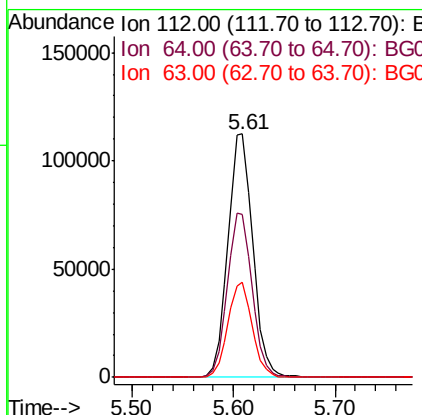
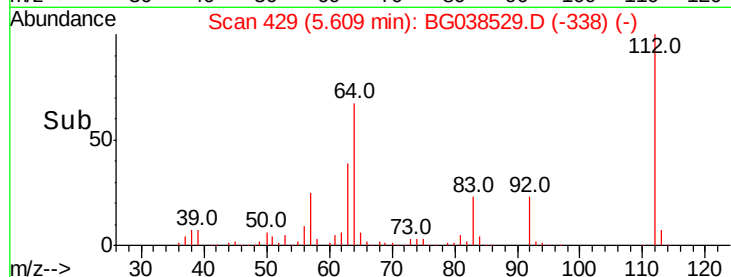
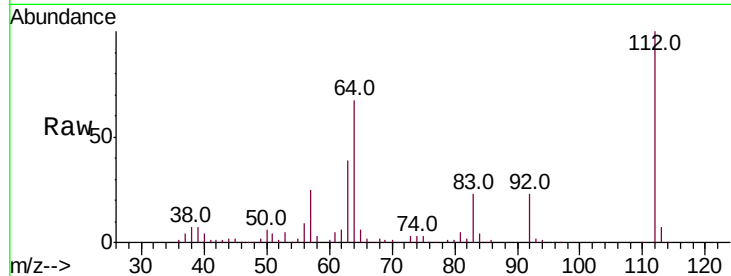
#5
2-Fluorophenol
Concen: 167.772 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038529.D
Acq: 13 Dec 2018 12:48

Instrument :
BNA_G
ClientSampleId :
BF-01-120418MSD

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	67.0	53.4	80.2
63	39.1	29.3	43.9

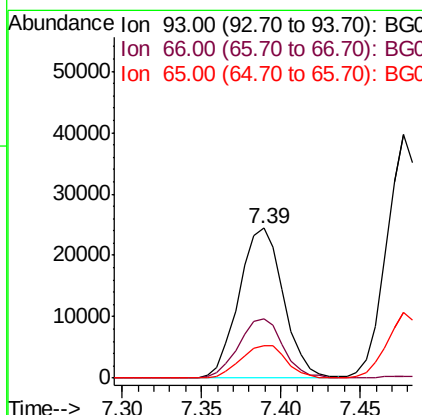
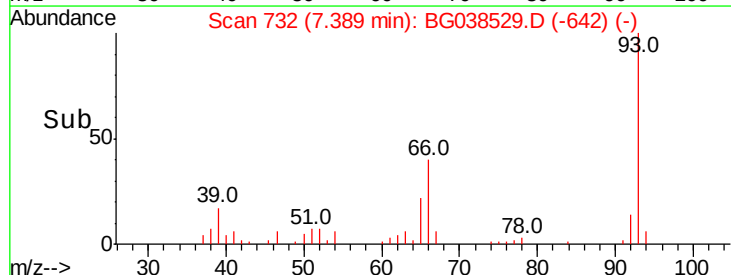
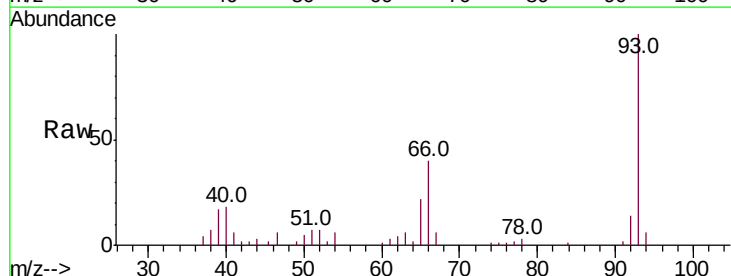
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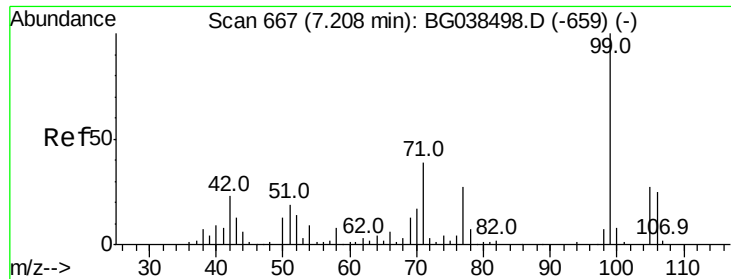
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#6
Aniline
Concen: 23.654 ng
RT: 7.39 min Scan# 732
Delta R.T. -0.00 min
Lab File: BG038529.D
Acq: 13 Dec 2018 12:48

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	39.9	31.7	47.5
65	21.7	17.8	26.6





#7

Phenol-d6

Concen: 171.029 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038529.D

Acq: 13 Dec 2018 12:48

Instrument :

BNA_G

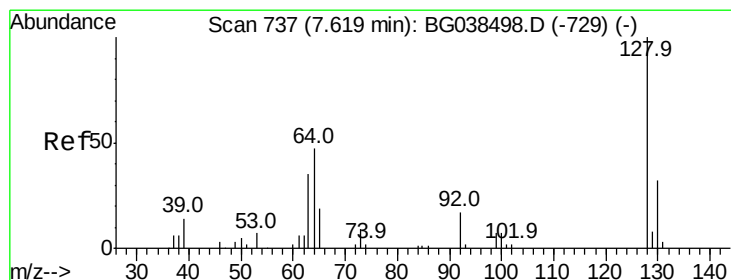
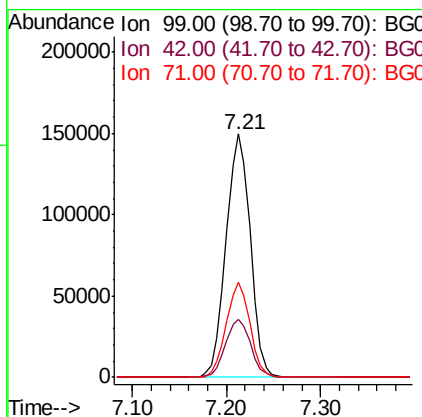
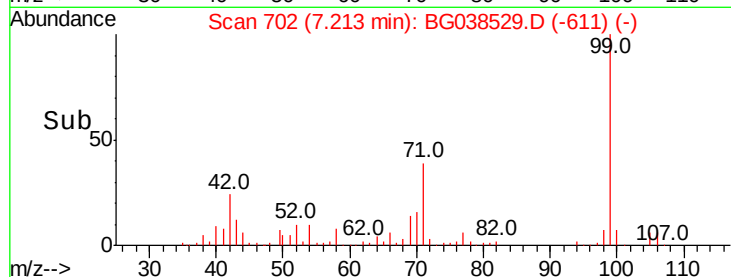
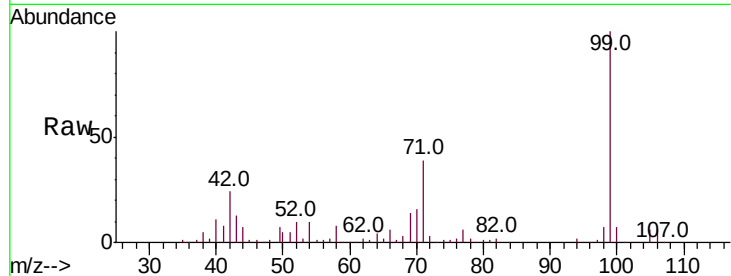
ClientSampleId :

BF-01-120418MSD

Tot Ion:	99	Resp:	268962
Ion Ratio	Lower	Upper	
99	100		
42	23.7	18.5	27.7
71	39.0	31.1	46.7

Manual Integrations
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#8

2-Chlorophenol

Concen: 54.216 ng

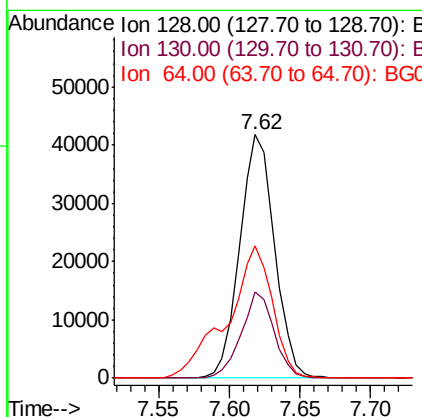
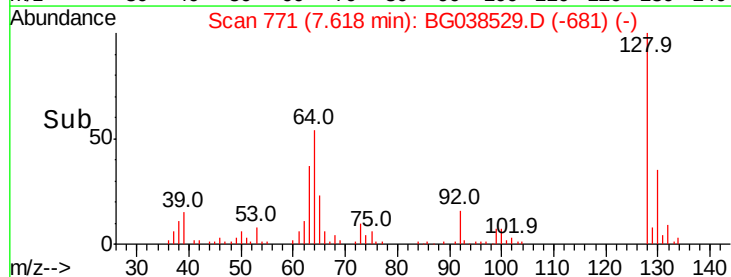
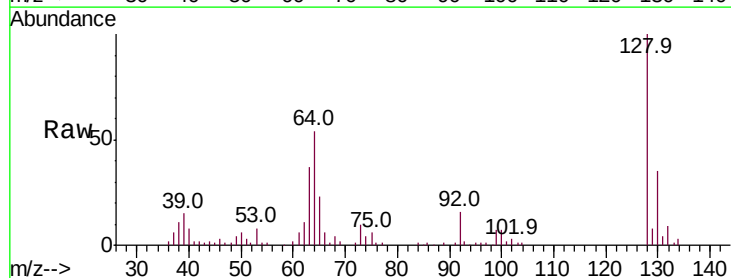
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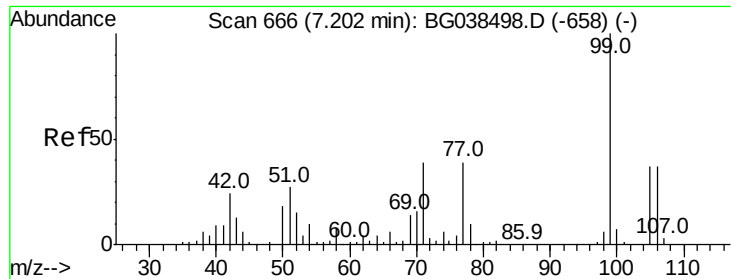
Delta R.T. -0.00 min

Lab File: BG038529.D

Acq: 13 Dec 2018 12:48

Tgt Ion:	128	Resp:	71872
Ion Ratio	Lower	Upper	
128	100		
130	35.4	11.8	51.8
64	54.1	33.2	73.2





#9

Benzaldehyde

Concen: 30.023 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG038529.D

Acq: 13 Dec 2018 12:48

Instrument :

BNA_G

ClientSampleId :

BF-01-120418MSD

Tot Ion: 77 Resp: 30629

Ion Ratio Lower Upper

77 100

105 98.1 74.0 114.0

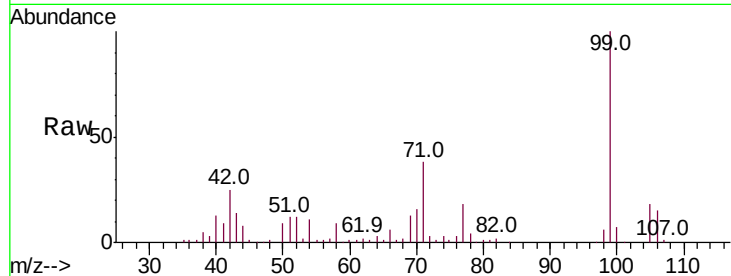
106 85.7 73.9 113.9

Manual Integrations

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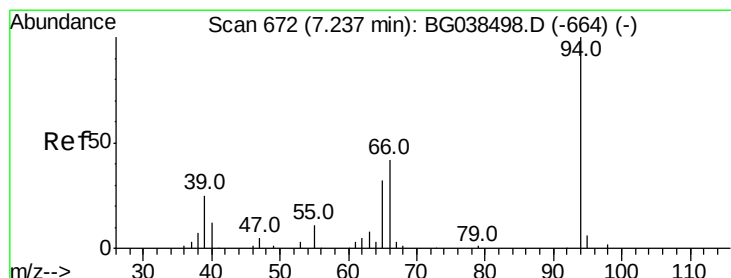
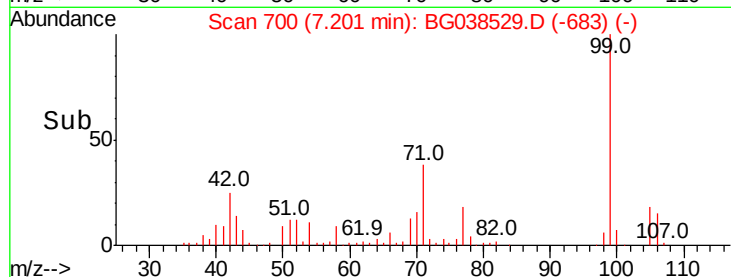
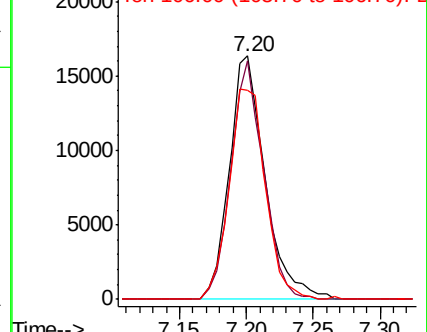
12/13/2018 6:08:15 PM



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: 63.156 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.01 min

Lab File: BG038529.D

Acq: 13 Dec 2018 12:48

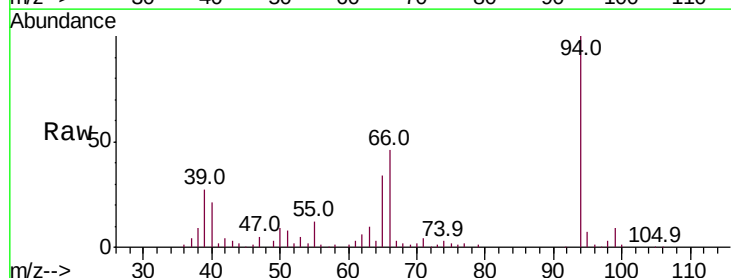
Tgt Ion: 94 Resp: 105518

Ion Ratio Lower Upper

94 100

65 33.6 12.6 52.6

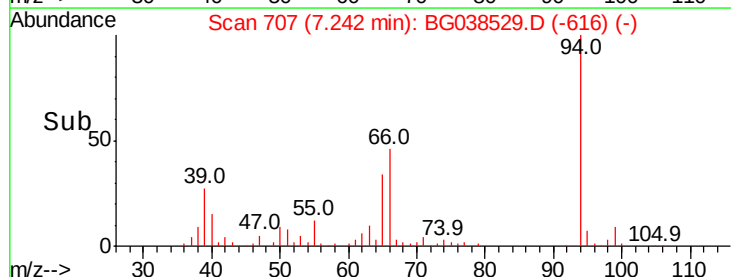
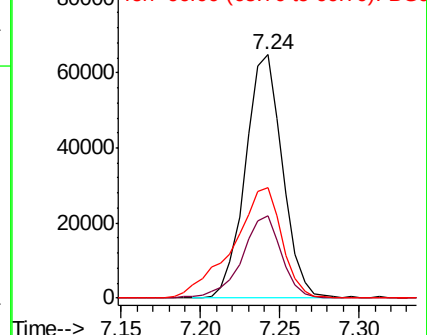
66 45.6 24.1 64.1

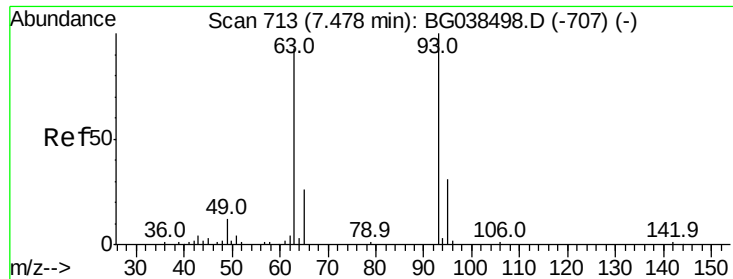


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 48.805 ng

RT: 7.48 min Scan# 747

Delta R.T. -0.00 min

Lab File: BG038529.D

Acq: 13 Dec 2018 12:48

Instrument :

BNA_G

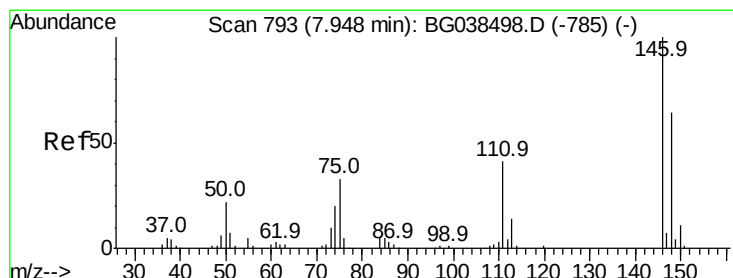
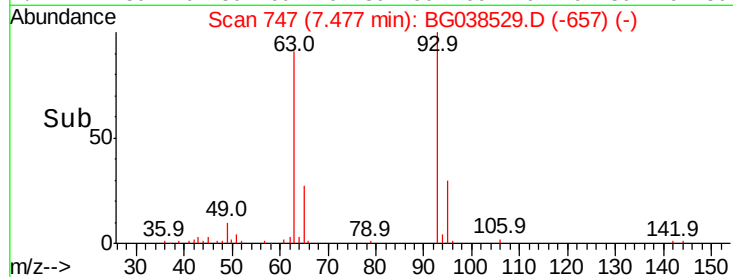
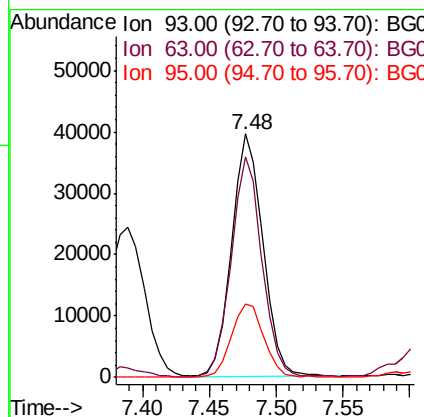
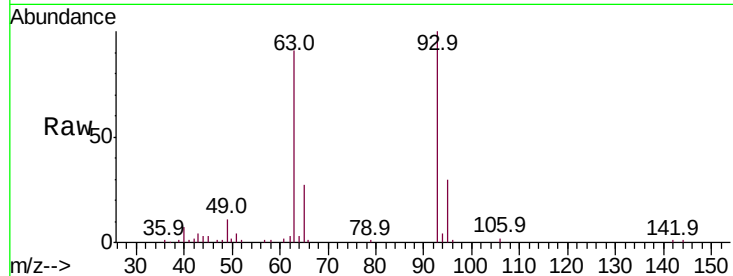
ClientSampleId :

BF-01-120418MSD

Tot Ion:	93	Resp:	64919
Ion	Ratio	Lower	Upper
93	100		
63	90.6	72.2	112.2
95	30.3	11.2	51.2

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 46.647 ng

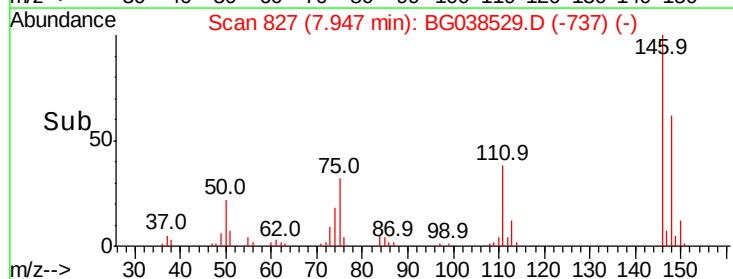
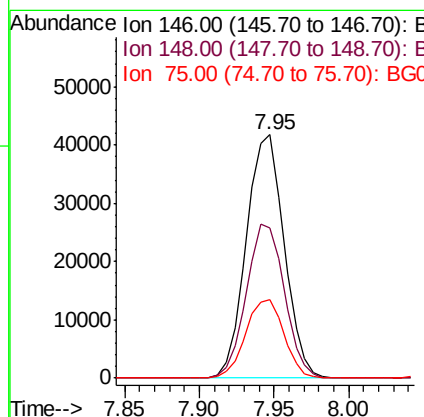
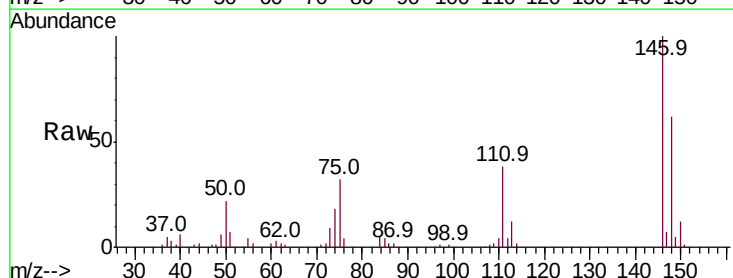
RT: 7.95 min Scan# 827

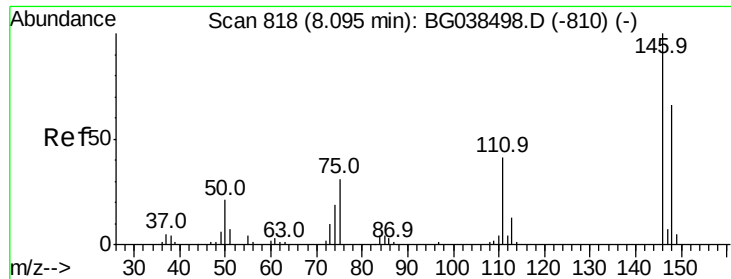
Delta R.T. -0.00 min

Lab File: BG038529.D

Acq: 13 Dec 2018 12:48

Tgt Ion:	146	Resp:	73116
Ion	Ratio	Lower	Upper
146	100		
148	61.8	51.4	77.0
75	32.0	26.1	39.1





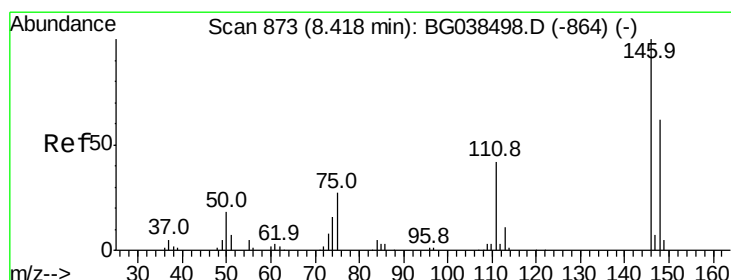
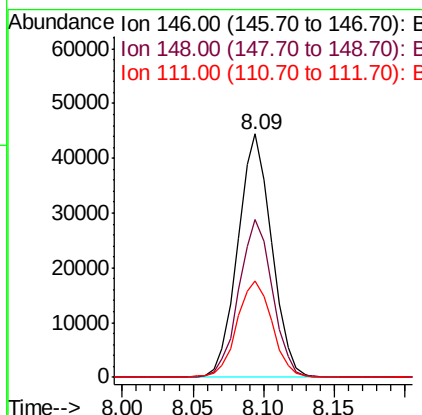
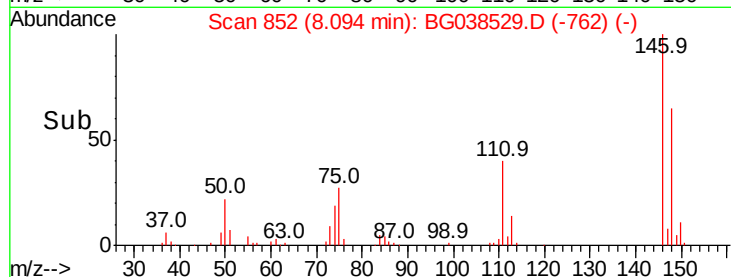
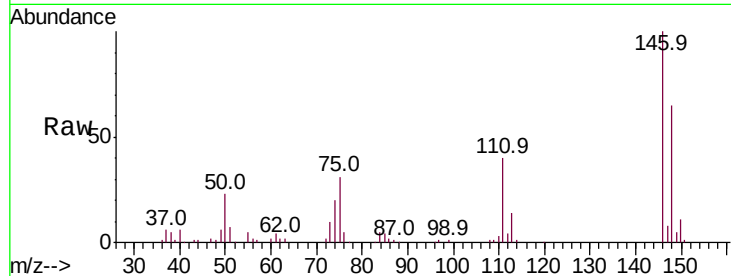
#13
1,4-Dichlorobenzene
Concen: 46.339 ng
RT: 8.09 min Scan# 852
Delta R.T. -0.00 min
Lab File: BG038529.D
Acq: 13 Dec 2018 12:48

Instrument :
BNA_G
ClientSampleId :
BF-01-120418MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	52.4	78.6
111	39.5	33.0	49.4

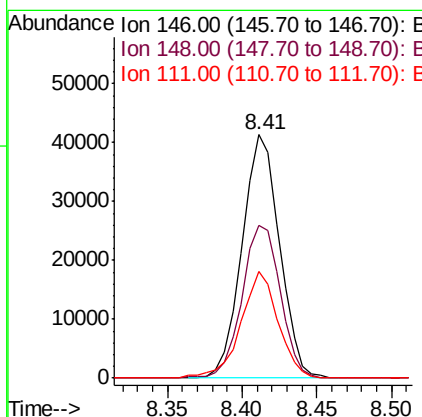
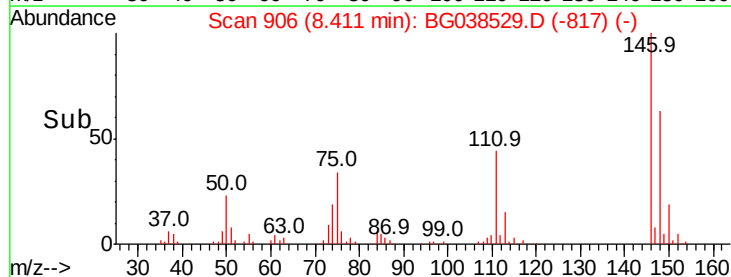
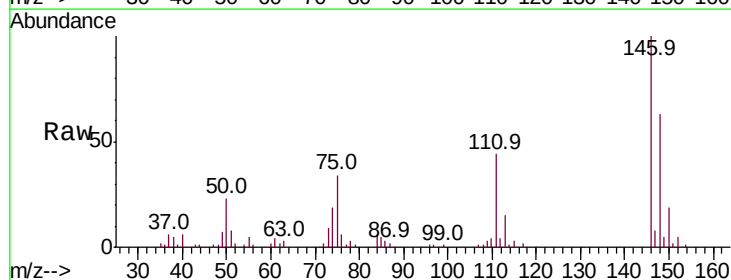
Manual Integrations
APPROVED

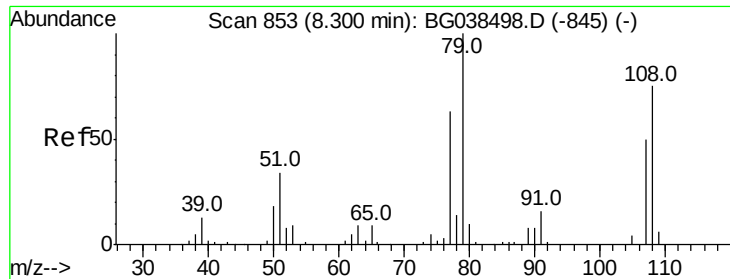
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#14
1,2-Dichlorobenzene
Concen: 47.346 ng
RT: 8.41 min Scan# 906
Delta R.T. -0.01 min
Lab File: BG038529.D
Acq: 13 Dec 2018 12:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	49.4	74.0
111	43.8	33.8	50.6





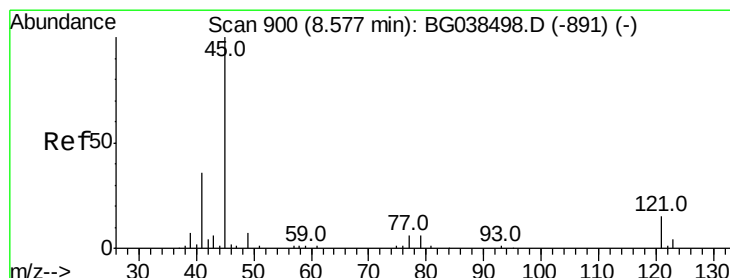
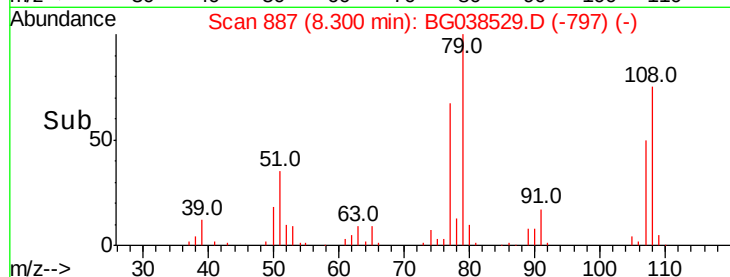
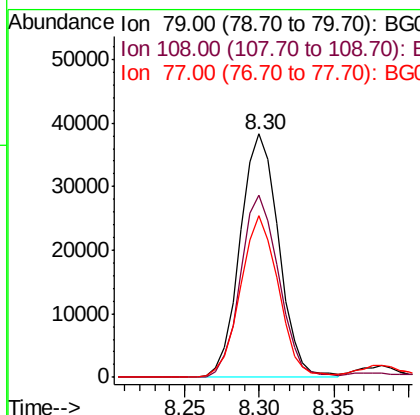
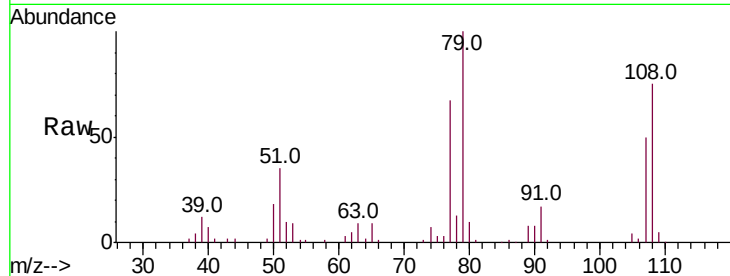
#15
Benzyl Alcohol
Concen: 55.977 ng
RT: 8.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BG038529.D
Acq: 13 Dec 2018 12:48

Instrument :
BNA_G
ClientSampleId :
BF-01-120418MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
108	74.6	60.2	90.4		
77	66.6	50.7	76.1		

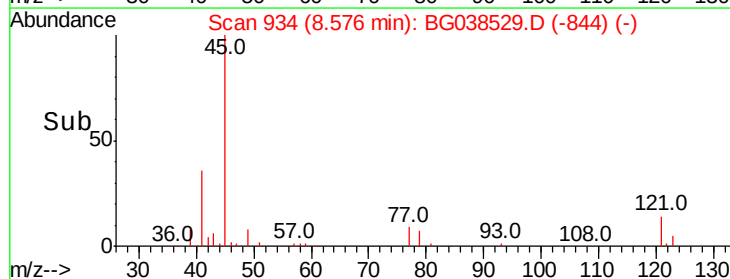
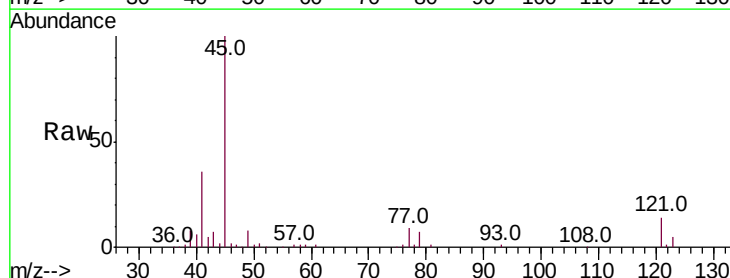
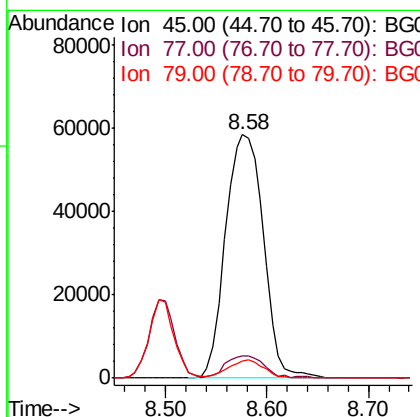
Manual Integrations
APPROVED

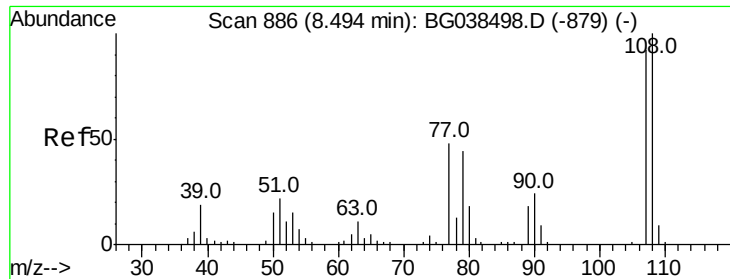
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#16
2,2'-oxybis(1-chloropropane)
Concen: 49.483 ng
RT: 8.58 min Scan# 934
Delta R.T. -0.00 min
Lab File: BG038529.D
Acq: 13 Dec 2018 12:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
45	100				
77	9.2	0.0	28.2		
79	7.0	0.0	27.2		





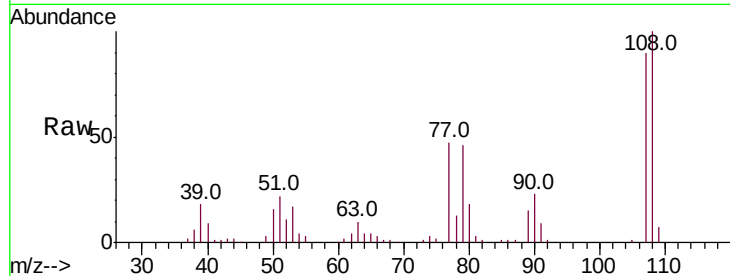
#17
2-Methylphenol
Concen: 57.610 ng
RT: 8.49 min Scan# 920
Delta R.T. -0.00 min
Lab File: BG038529.D
Acq: 13 Dec 2018 12:48

Instrument :
BNA_G
ClientSampleId :
BF-01-120418MSD

Tot Ion	107	Resp	64487
Ion	Ratio	Lower	Upper
107	100		
108	111.2	87.1	130.7
77	52.0	42.0	63.0
79	51.4	38.2	57.2

Manual Integrations
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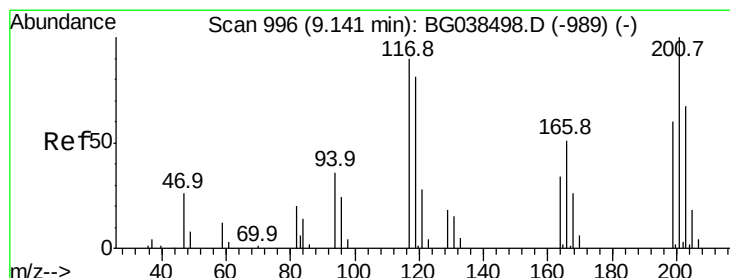
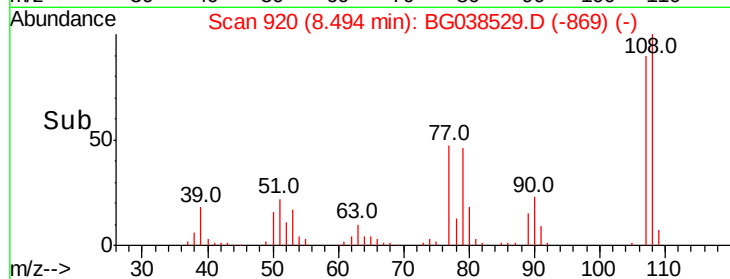
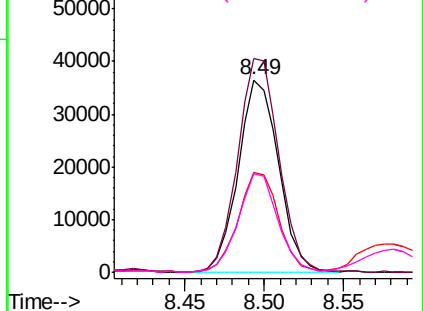
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 46.410 ng
RT: 9.14 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BG038529.D
Acq: 13 Dec 2018 12:48

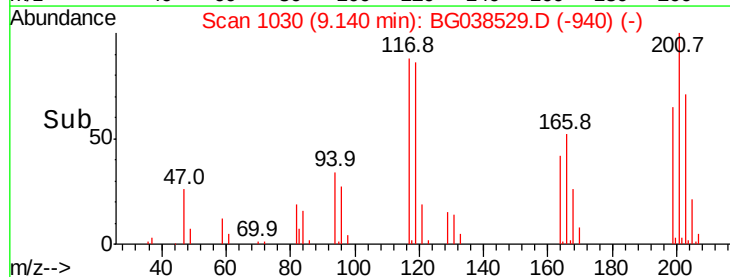
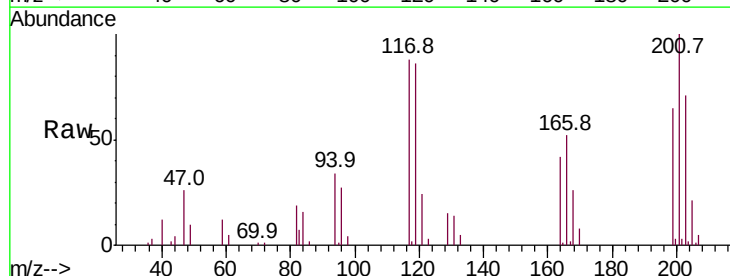
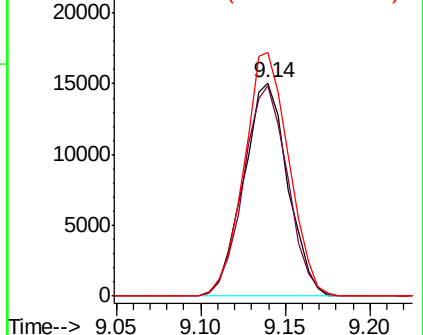
Tgt Ion	117	Resp	27224
Ion	Ratio	Lower	Upper
117	100		
119	98.6	73.8	110.8
201	117.9	89.4	134.0

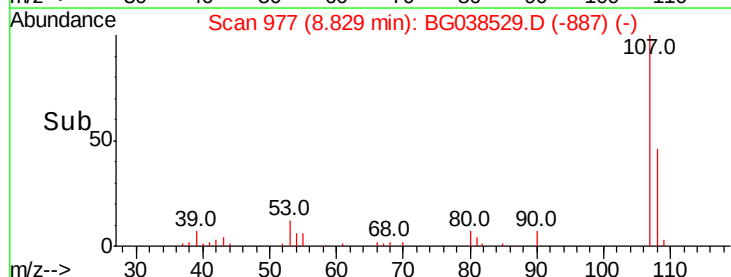
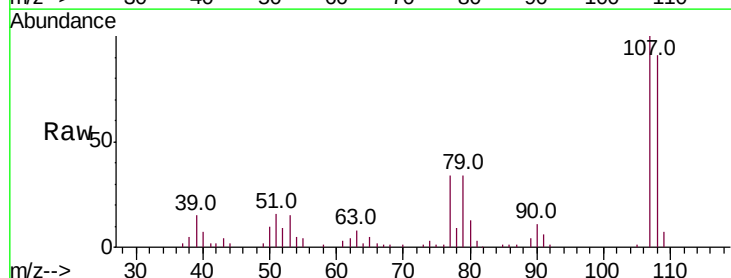
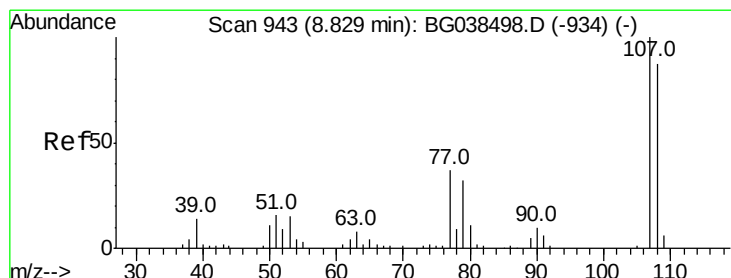
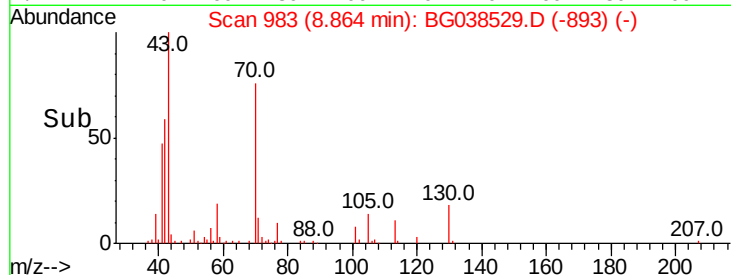
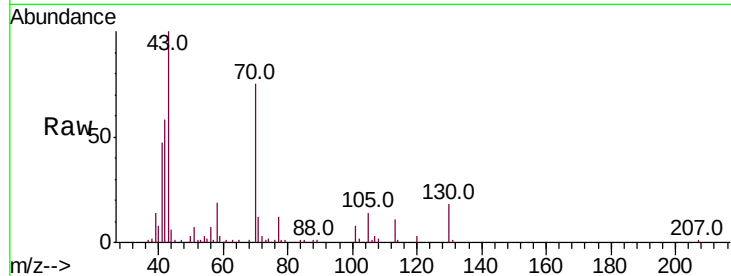
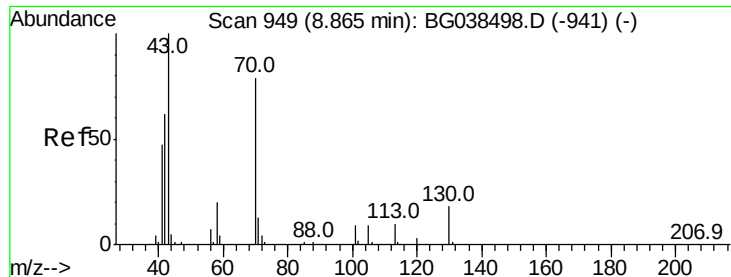
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





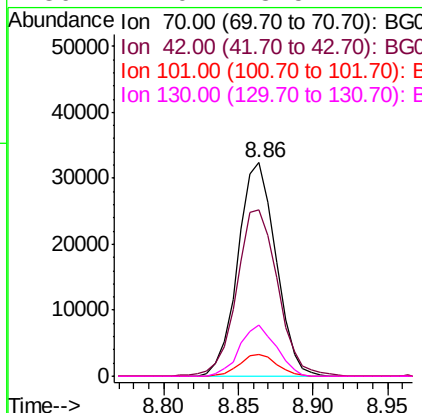
#19
n-Nitroso-di-n-propylamine
Concen: 51.650 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG038529.D
Acq: 13 Dec 2018 12:48

Instrument :
BNA_G
ClientSampleId :
BF-01-120418MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	77.8	63.6	95.4	
101	10.3	9.2	13.8	
130	24.0	18.5	27.7	

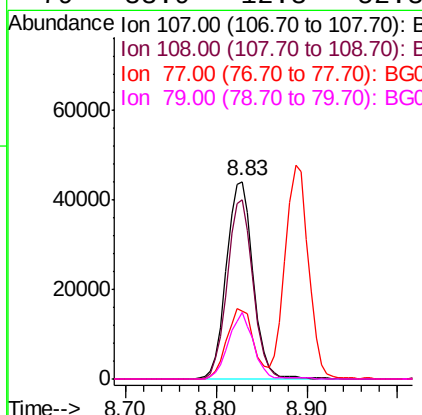
Manual Integrations
APPROVED

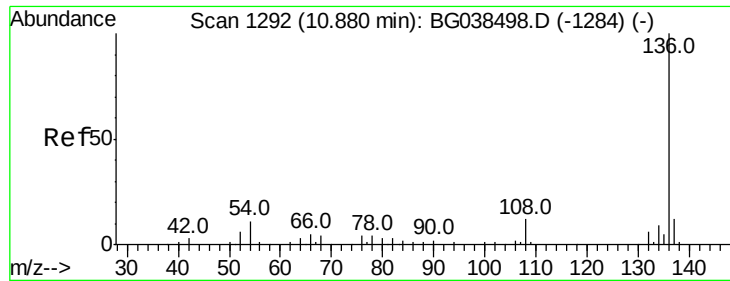
Sohil
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#20
3+4-Methylphenols
Concen: 58.362 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG038529.D
Acq: 13 Dec 2018 12:48

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.6	66.7	106.7	
77	34.2	17.3	57.3	
79	33.9	12.3	52.3	





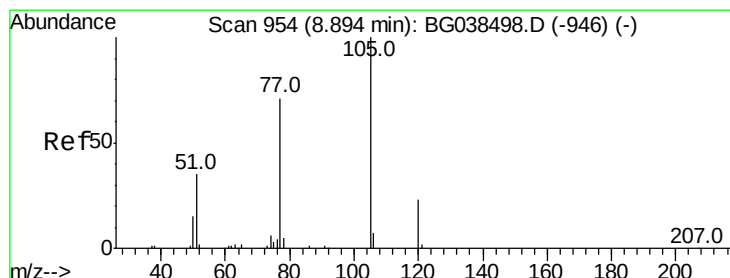
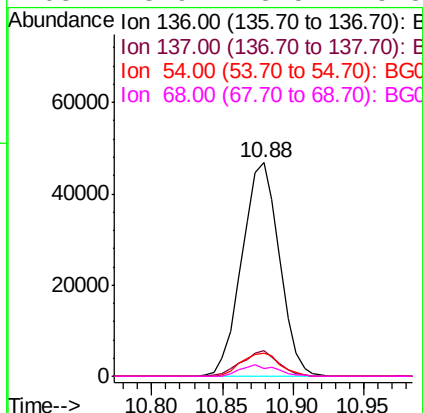
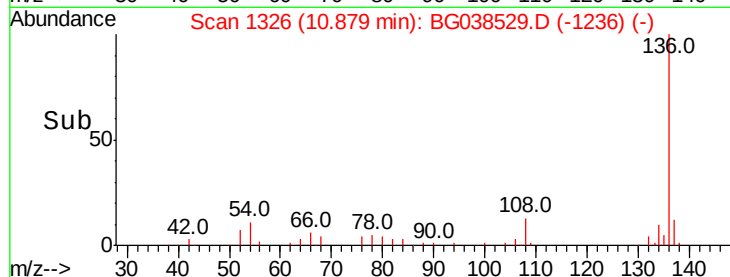
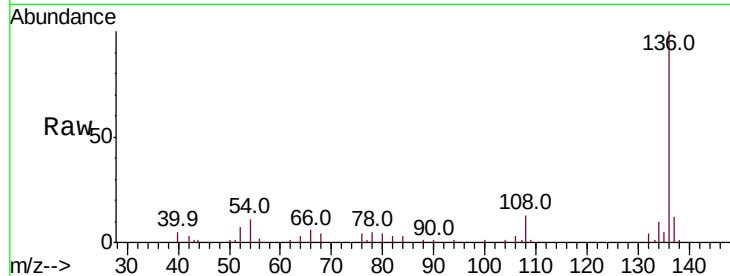
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038529.D
Acq: 13 Dec 2018 12:48

Instrument :
BNA_G
ClientSampleId :
BF-01-120418MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	87163		
137	11.9		9.3	13.9
54	10.6		8.5	12.7
68	3.9		3.5	5.3

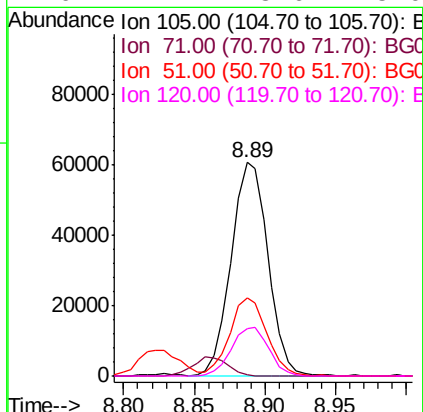
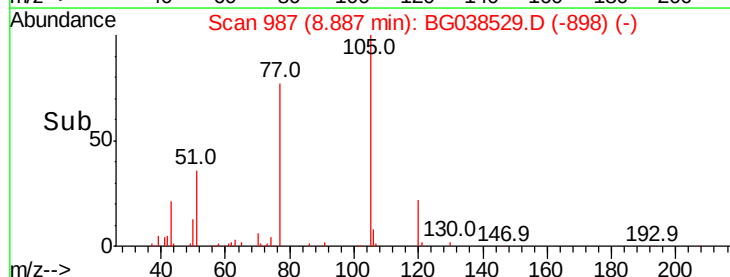
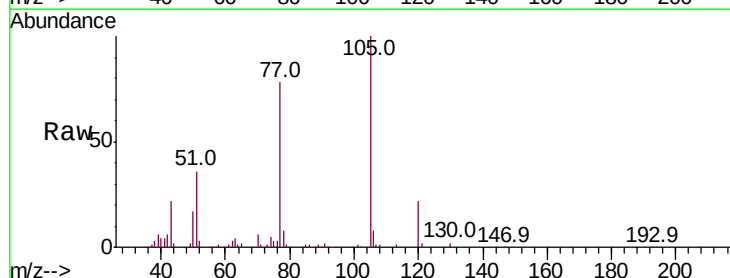
Manual Integrations
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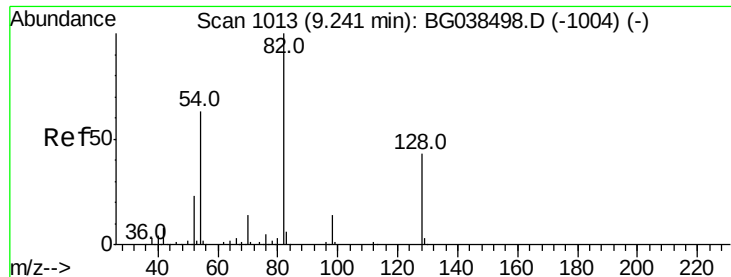
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#22
Acetophenone
Concen: 50.548 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BG038529.D
Acq: 13 Dec 2018 12:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	110051		
71	0.8		0.4	0.6#
51	36.4		30.6	46.0
120	22.4		18.6	28.0





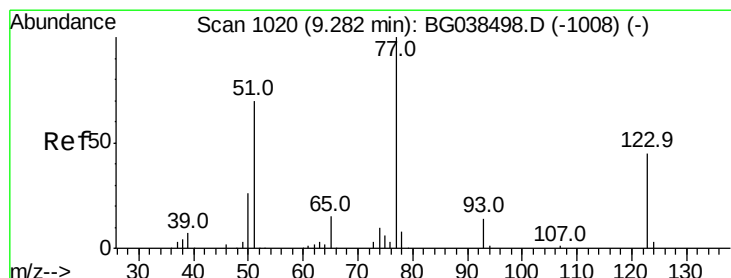
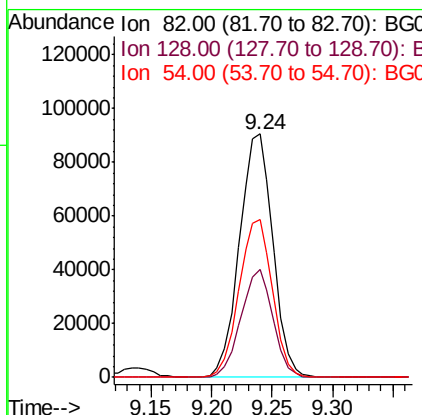
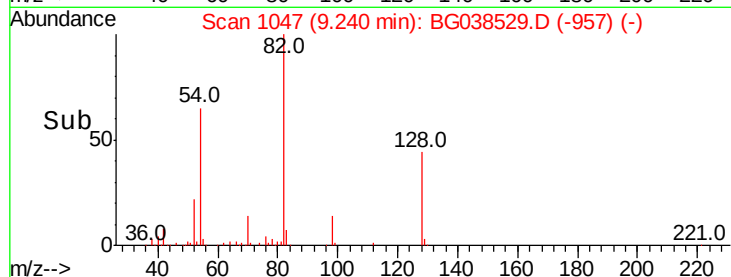
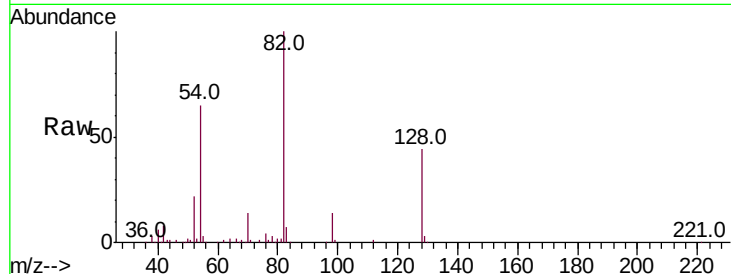
#23
Nitrobenzene-d5
Concen: 101.978 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG038529.D
Acq: 13 Dec 2018 12:48

Instrument :
BNA_G
ClientSampleId :
BF-01-120418MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.4	34.6	52.0
54	64.6	50.6	76.0

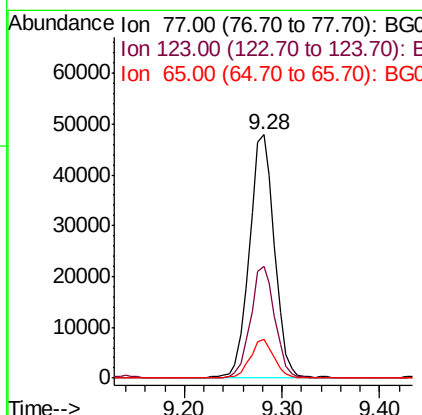
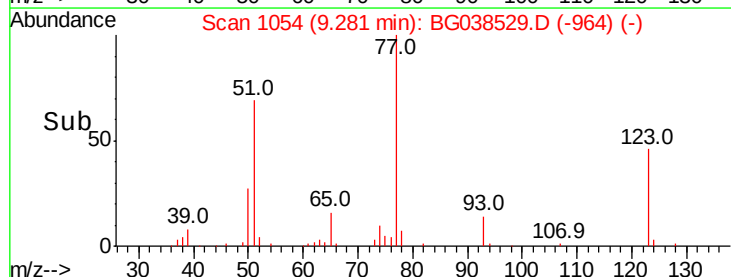
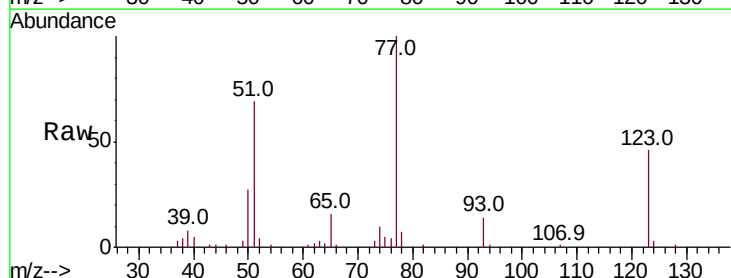
Manual Integrations
APPROVED

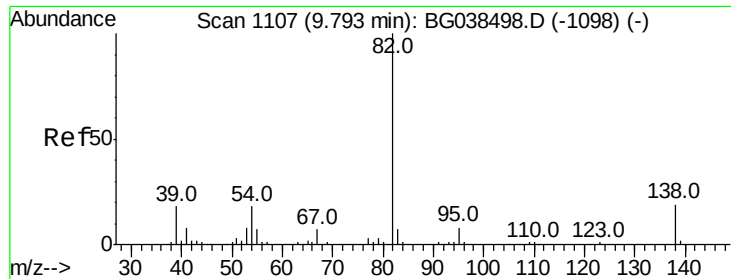
Sohil
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#24
Nitrobenzene
Concen: 50.102 ng
RT: 9.28 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BG038529.D
Acq: 13 Dec 2018 12:48

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.9	35.9	53.9
65	15.8	12.0	18.0





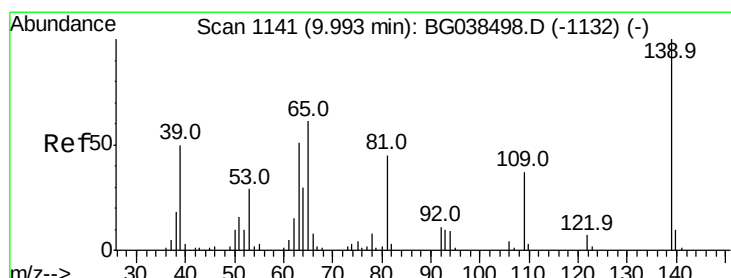
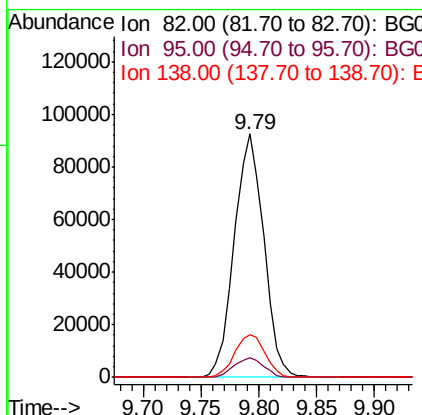
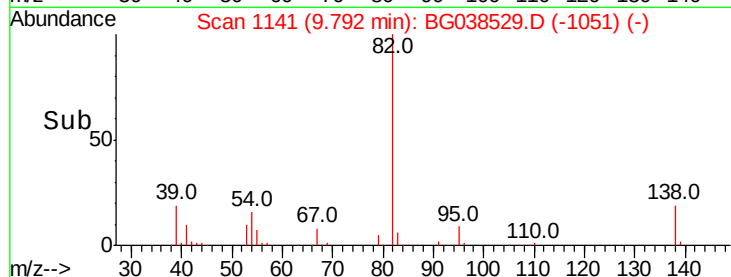
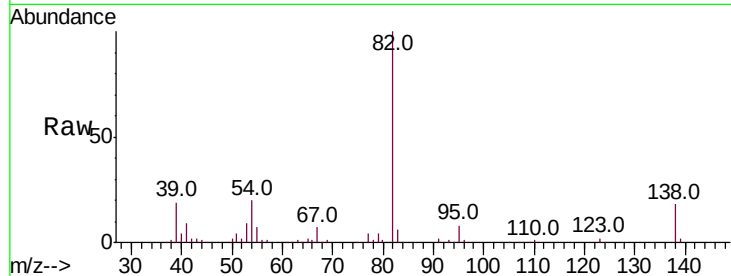
#25
Isophorone
Concen: 53.537 ng
RT: 9.79 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BG038529.D
Acq: 13 Dec 2018 12:48

Instrument :
BNA_G
ClientSampleId :
BF-01-120418MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	164117		
95	7.9	6.1	9.1	
138	17.5	14.9	22.3	

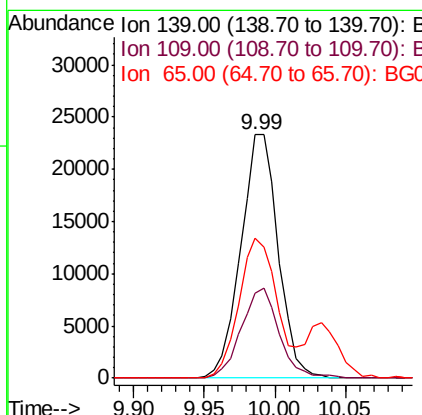
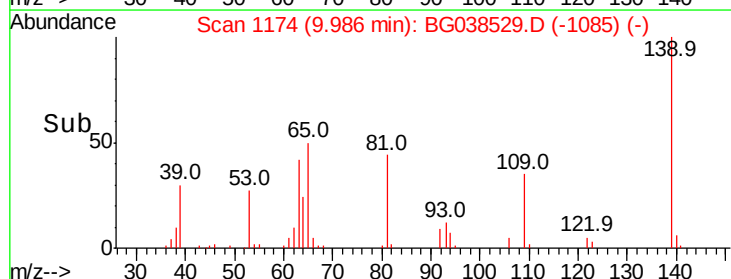
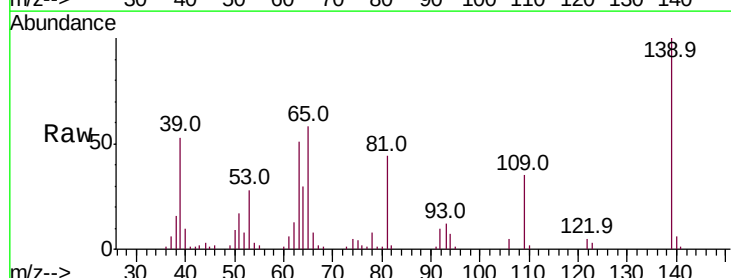
Manual Integrations
APPROVED

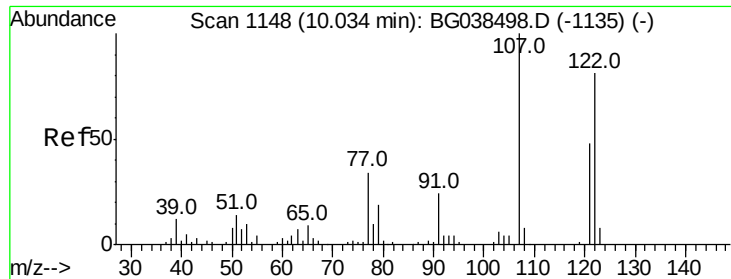
Sohil
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#26
2-Nitrophenol
Concen: 48.885 ng
RT: 9.99 min Scan# 1174
Delta R.T. -0.01 min
Lab File: BG038529.D
Acq: 13 Dec 2018 12:48

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	43185		
109	35.0	29.5	44.3	
65	57.6	48.5	72.7	





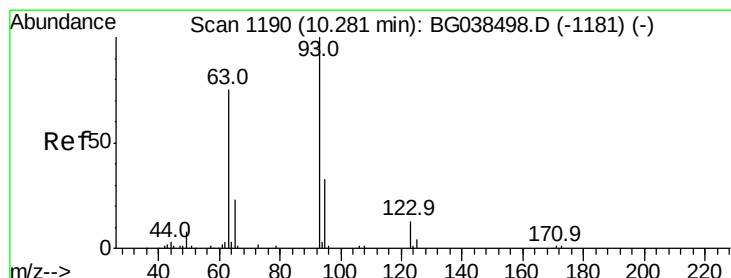
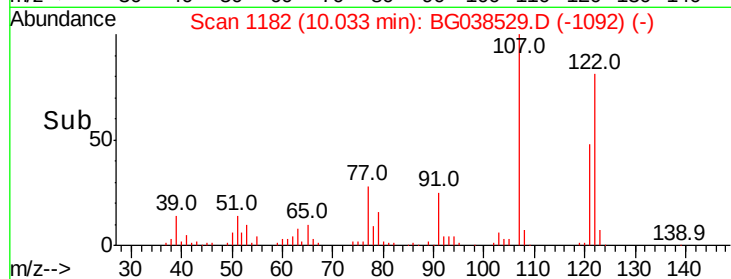
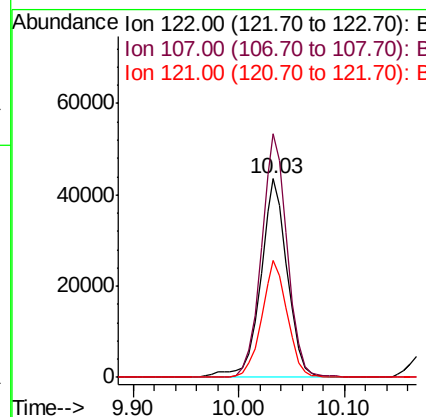
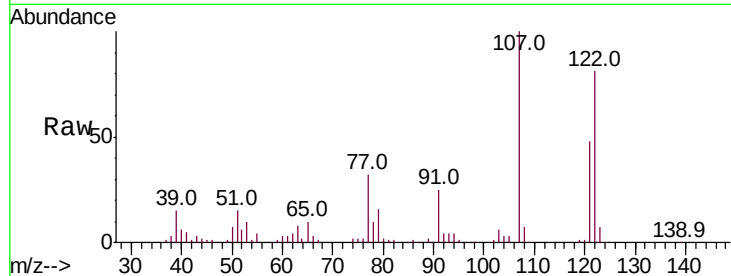
#27
2,4-Dimethylphenol
Concen: 60.106 ng
RT: 10.03 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BG038529.D
Acq: 13 Dec 2018 12:48

Instrument :
BNA_G
ClientSampleId :
BF-01-120418MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	122.7	98.4	147.6
121	58.8	47.2	70.8

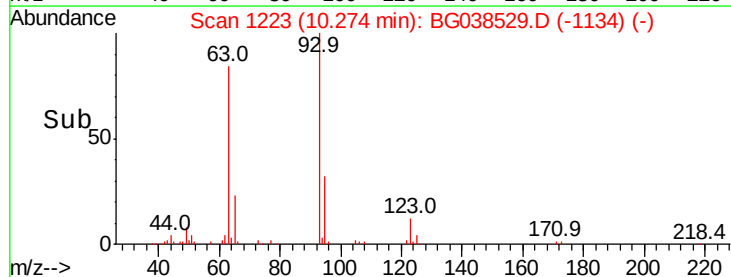
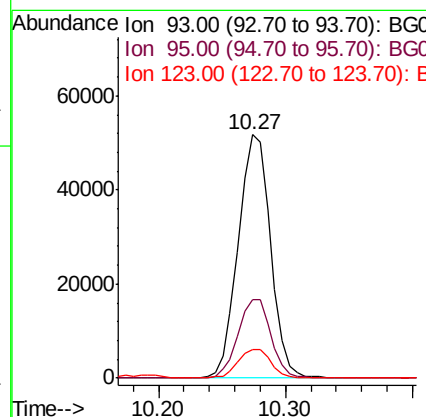
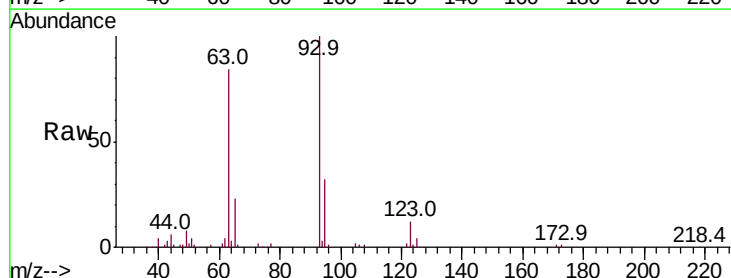
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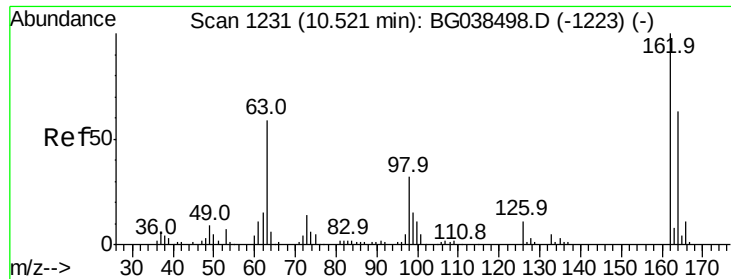
Sohil
12/13/2018 6:08:15 PM



#28
bis(2-Chloroethoxy)methane
Concen: 52.684 ng
RT: 10.27 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BG038529.D
Acq: 13 Dec 2018 12:48

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	26.6	40.0
123	11.9	10.6	16.0





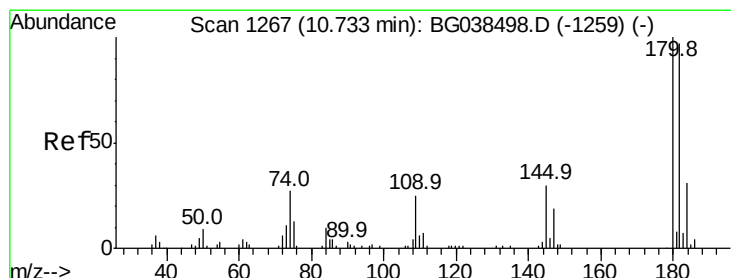
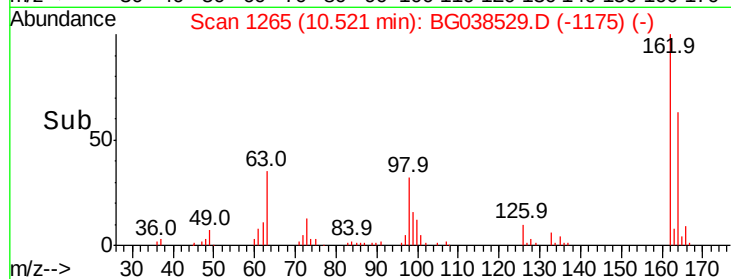
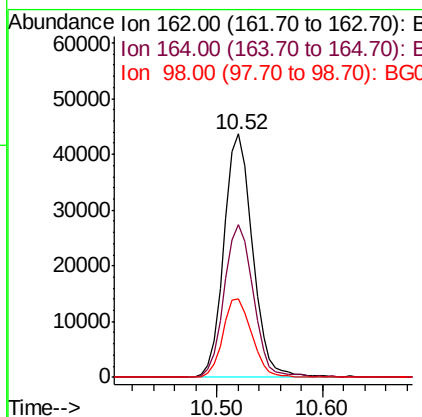
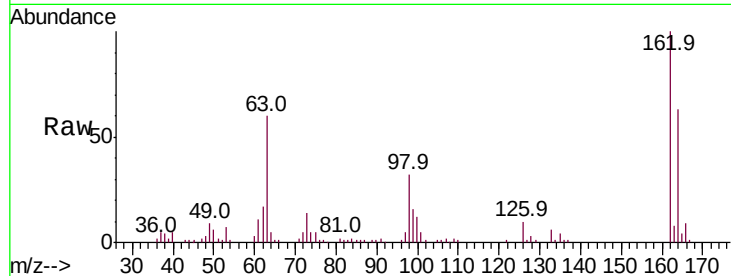
#29
 2,4-Dichlorophenol
 Concen: 58.169 ng
 RT: 10.52 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: BG038529.D
 Acq: 13 Dec 2018 12:48

Instrument :
 BNA_G
 ClientSampleId :
 BF-01-120418MSD

Tot Ion:	162	Resp:	81929
Ion Ratio	Lower	Upper	
162	100		
164	62.9	42.9	82.9
98	32.0	12.1	52.1

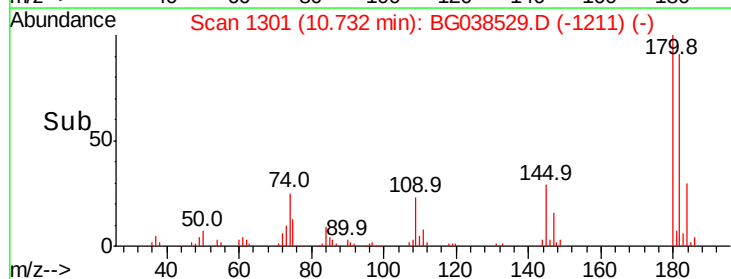
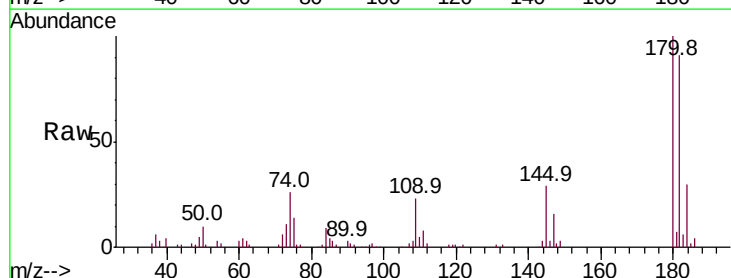
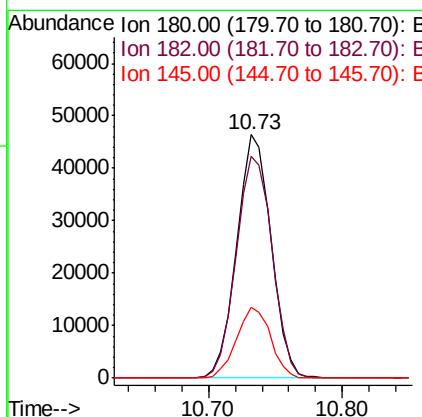
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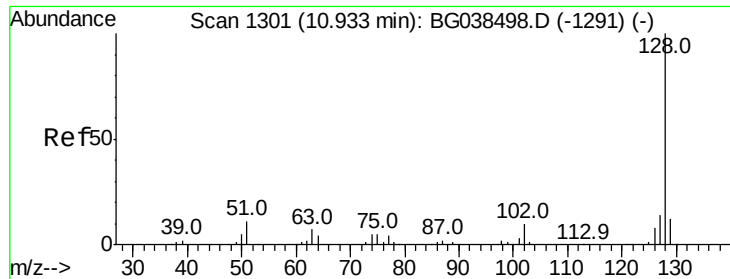
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#30
 1,2,4-Trichlorobenzene
 Concen: 48.619 ng
 RT: 10.73 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: BG038529.D
 Acq: 13 Dec 2018 12:48

Tgt Ion:	180	Resp:	82716
Ion Ratio	Lower	Upper	
180	100		
182	91.0	77.4	116.0
145	29.0	24.1	36.1





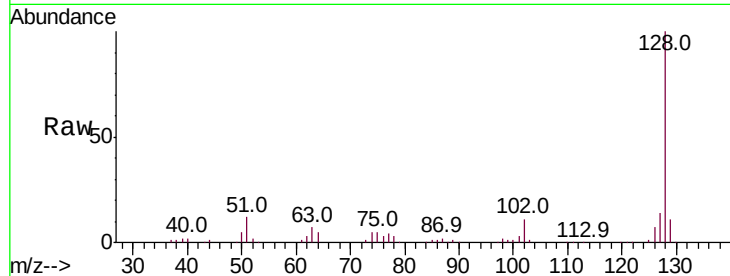
#31
Naphthalene
Concen: 53.412 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG038529.D
Acq: 13 Dec 2018 12:48

Instrument :
BNA_G
ClientSampleId :
BF-01-120418MSD

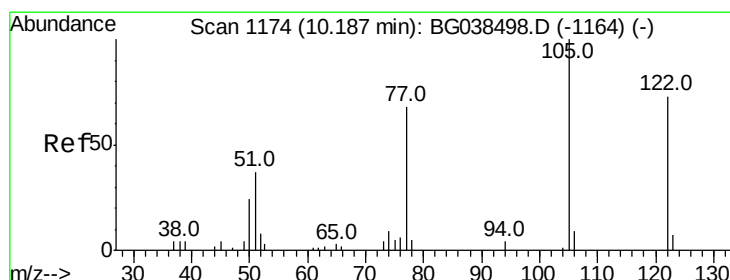
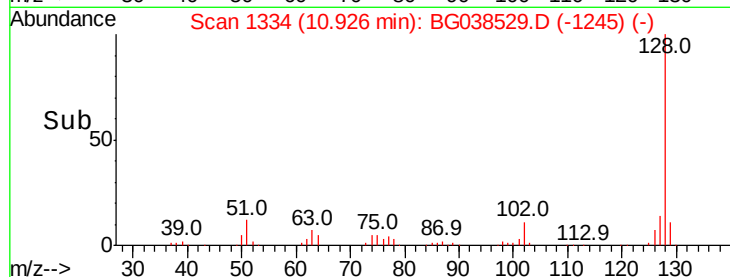
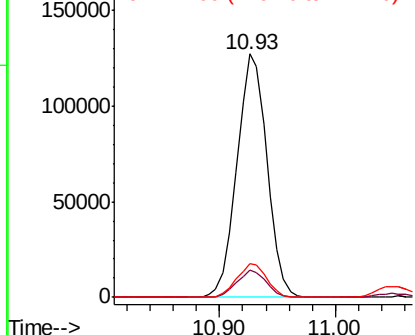
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.5	14.3
127	13.6	10.9	16.3

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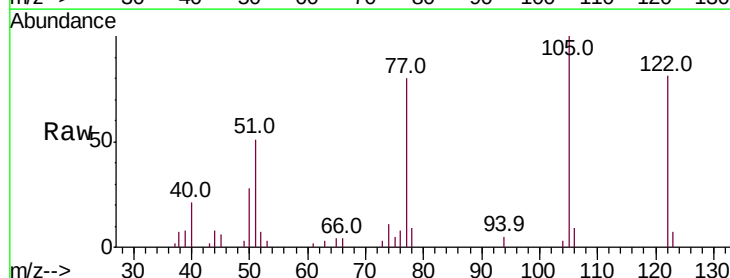


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

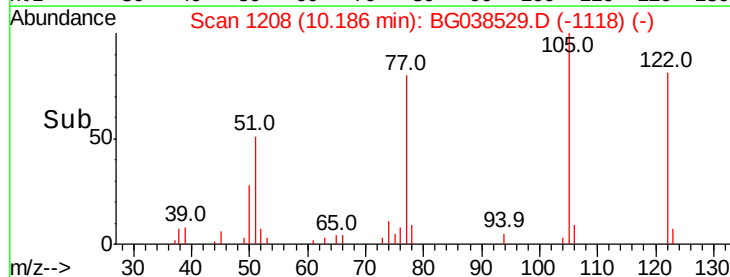
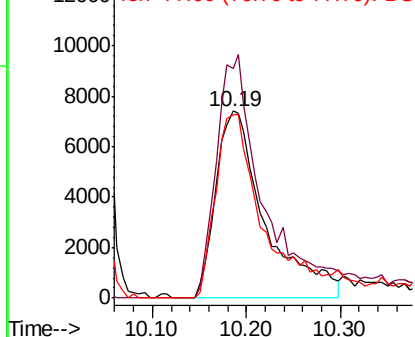


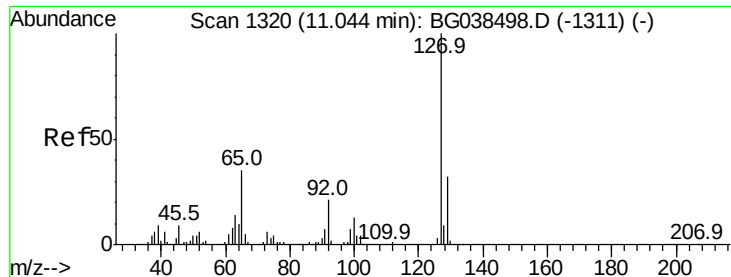
#32
Benzoic acid
Concen: 36.746 ng
RT: 10.19 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BG038529.D
Acq: 13 Dec 2018 12:48

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.8	116.7	156.7
77	98.2	72.5	112.5



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





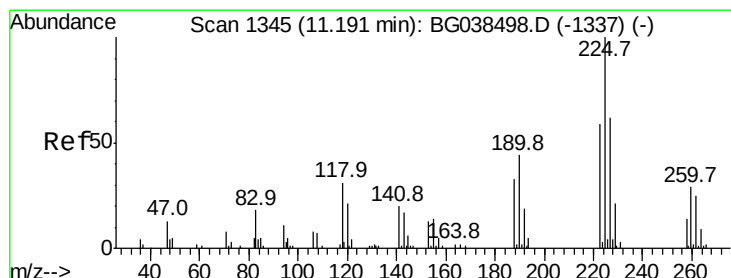
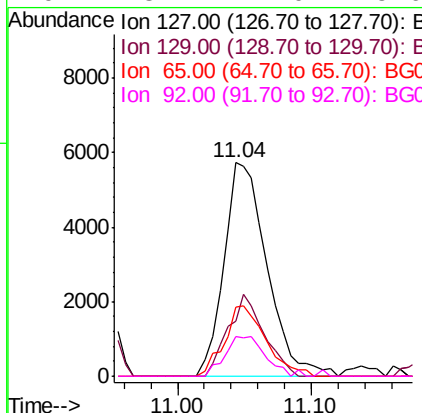
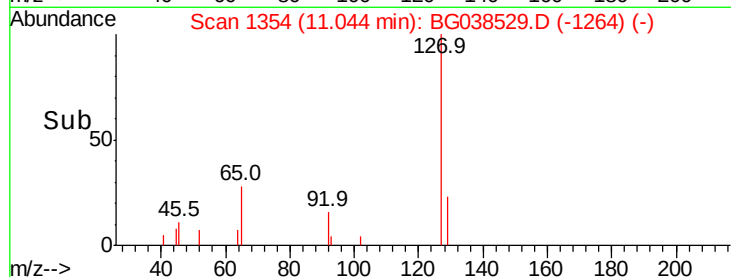
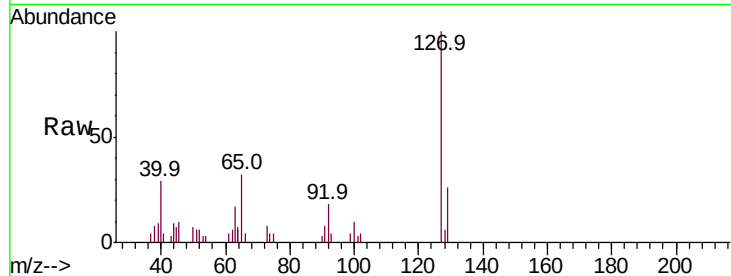
#33
4-Chloroaniline
Concen: 6.881 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG038529.D
Acq: 13 Dec 2018 12:48

Instrument :
BNA_G
ClientSampleId :
BF-01-120418MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	25.6	25.8	38.8#
65	32.2	27.8	41.6
92	18.4	17.0	25.6

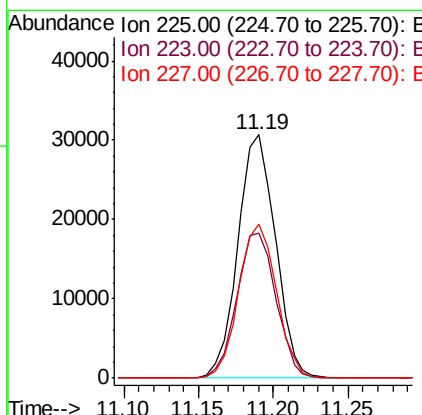
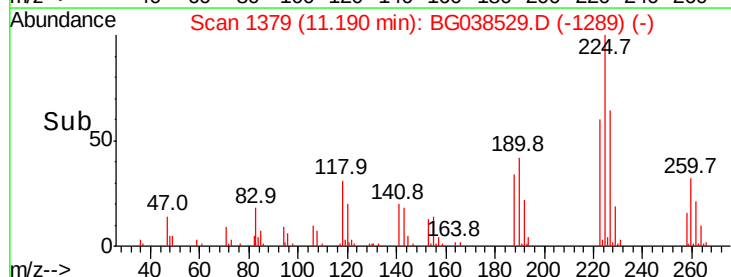
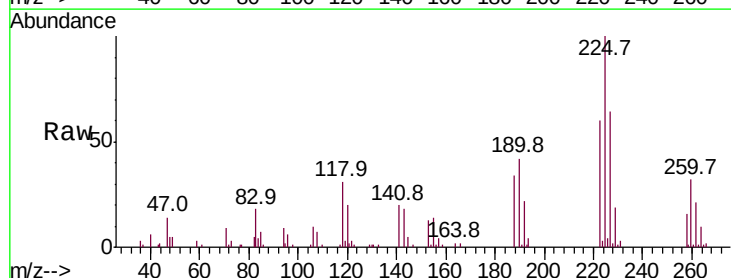
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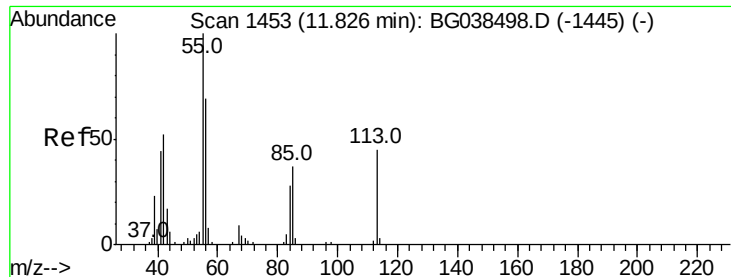
Sohil
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#34
Hexachlorobutadiene
Concen: 46.509 ng
RT: 11.19 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BG038529.D
Acq: 13 Dec 2018 12:48

Tgt Ion	Ratio	Lower	Upper
225	100		
223	57.6	45.0	67.6
227	63.3	50.6	75.8





#35

Caprolactam

Concen: 51.531 ng/ml

RT: 11.82 min Scan# 1487

Delta R.T. -0.00 min

Lab File: BG038529.D

Acq: 13 Dec 2018 12:48

Instrument :

BNA_G

ClientSampleId :

BF-01-120418MSD

Tot Ion:113 Resp: 30037

Ion Ratio Lower Upper

113 100

55 241.6 204.3 244.3

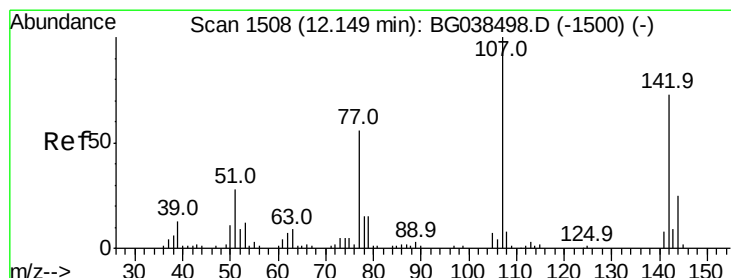
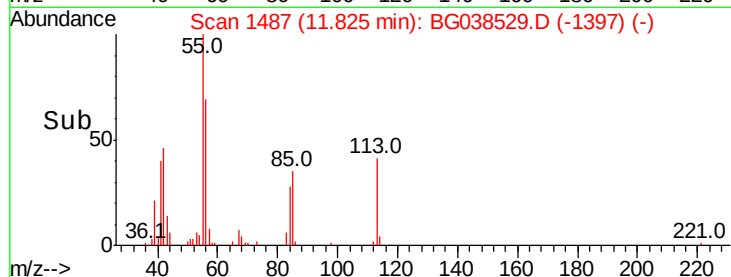
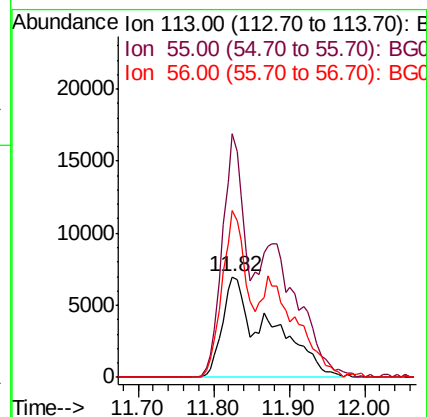
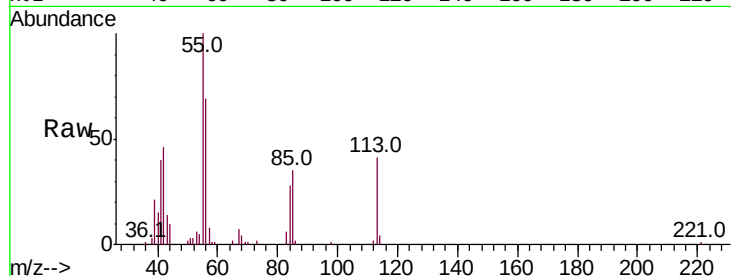
56 165.6 135.0 175.0

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#36

4-Chloro-3-methylphenol

Concen: 55.823 ng/ml

RT: 12.15 min Scan# 1543

Delta R.T. 0.01 min

Lab File: BG038529.D

Acq: 13 Dec 2018 12:48

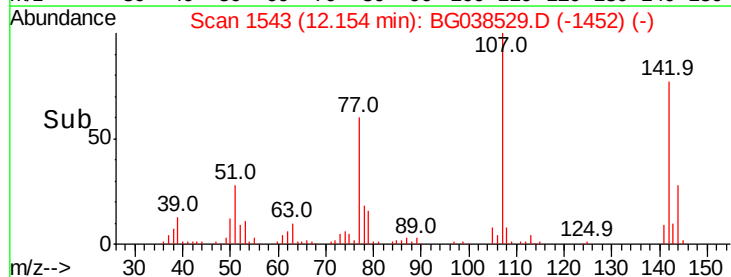
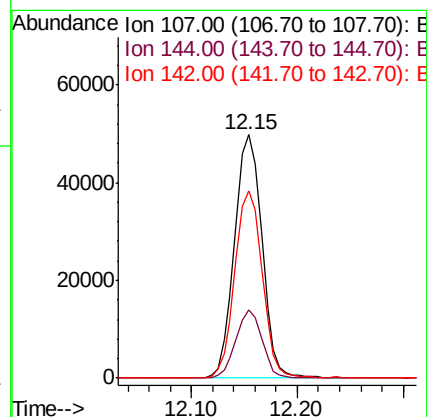
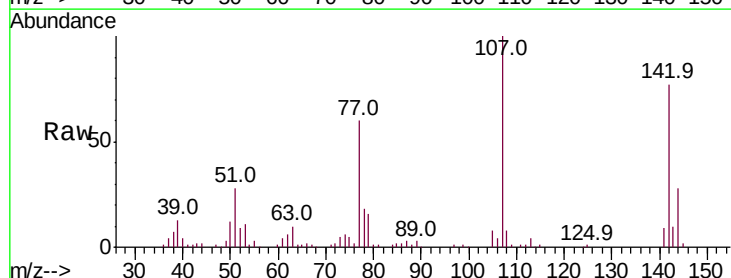
Tgt Ion:107 Resp: 89725

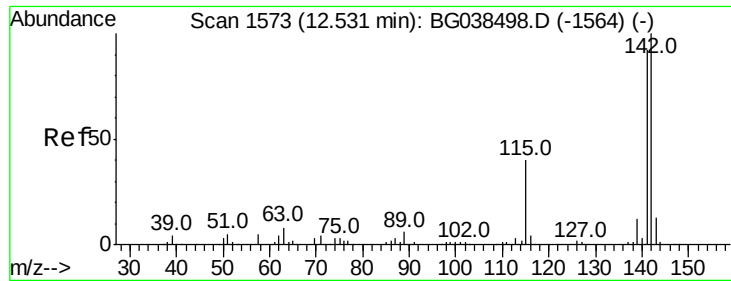
Ion Ratio Lower Upper

107 100

144 28.1 20.1 30.1

142 76.8 58.7 88.1





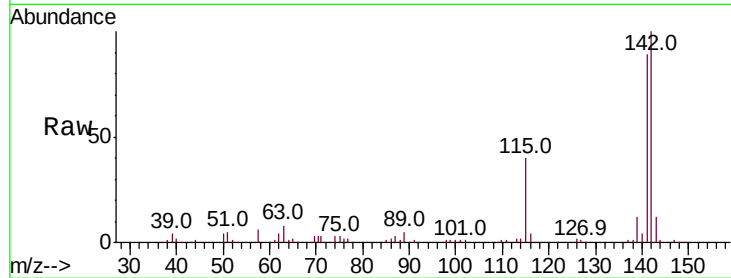
#37
2-Methylnaphthalene
Concen: 57.129 ng
RT: 12.53 min Scan# 1607
Delta R.T. -0.00 min
Lab File: BG038529.D
Acq: 13 Dec 2018 12:48

Instrument :
BNA_G
ClientSampleId :
BF-01-120418MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	73.5	110.3
115	40.0	31.7	47.5

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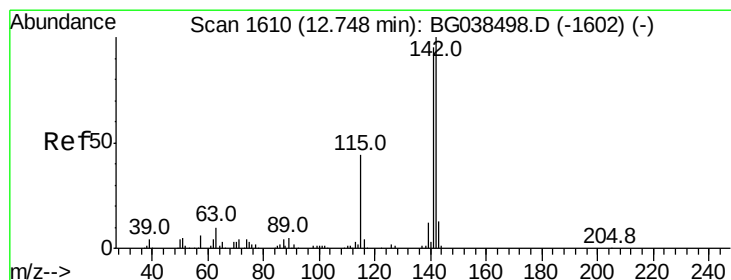
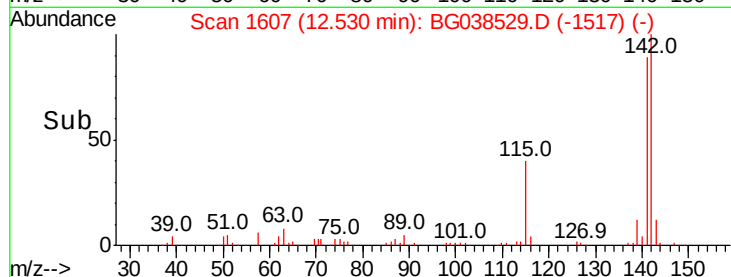
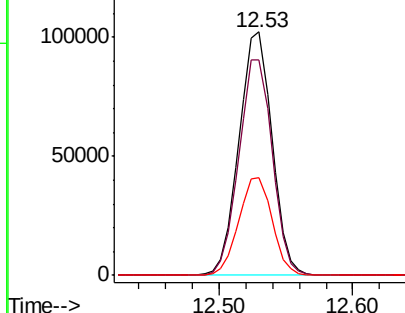


Abundance

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: 56.451 ng
RT: 12.75 min Scan# 1644
Delta R.T. -0.00 min
Lab File: BG038529.D
Acq: 13 Dec 2018 12:48

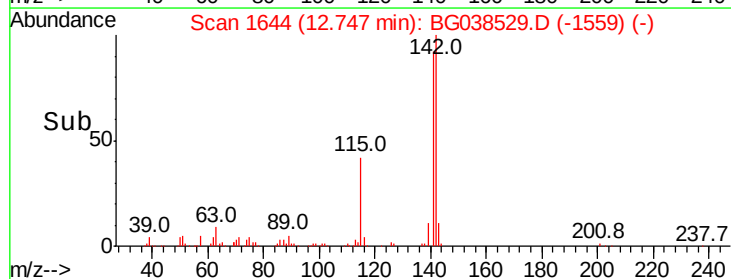
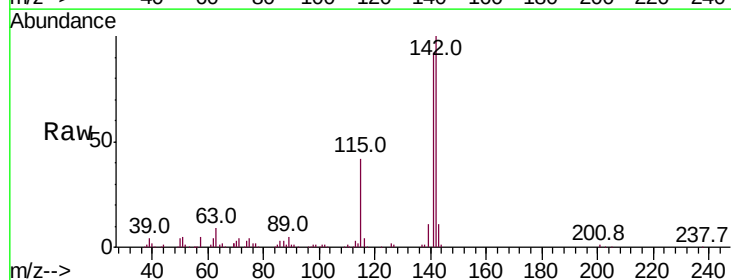
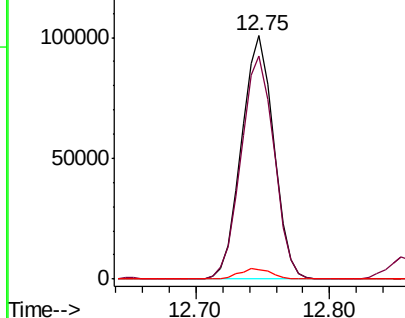
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.6	75.8	113.8
116	4.0	3.6	5.4

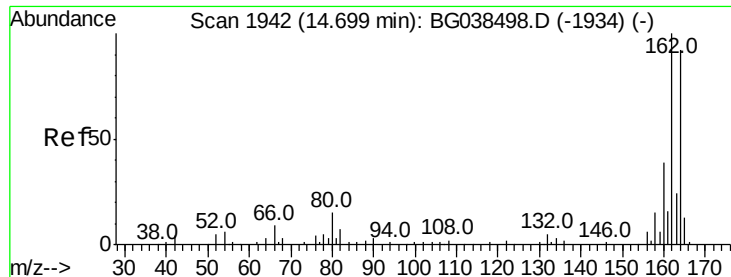
Abundance

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





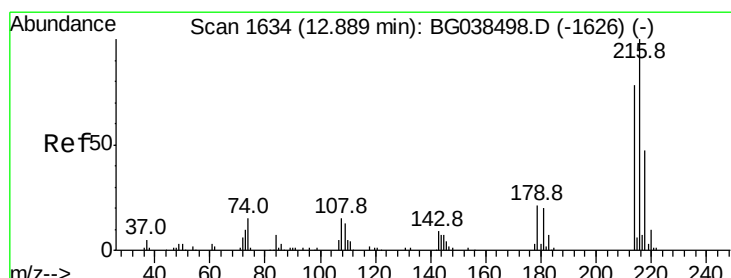
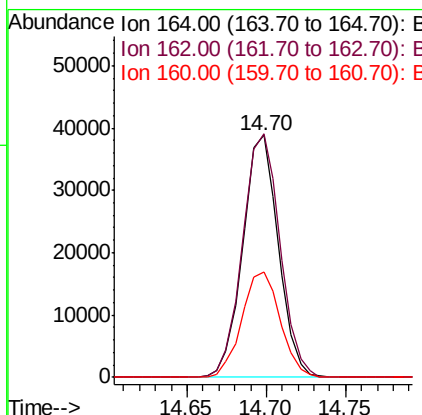
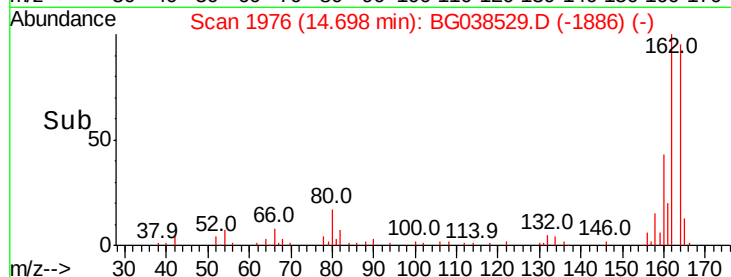
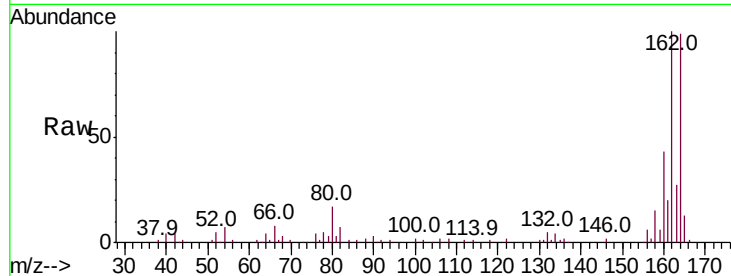
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG038529.D
Acq: 13 Dec 2018 12:48

Instrument :
BNA_G
ClientSampleId :
BF-01-120418MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.7	86.6	130.0
160	43.6	34.2	51.2

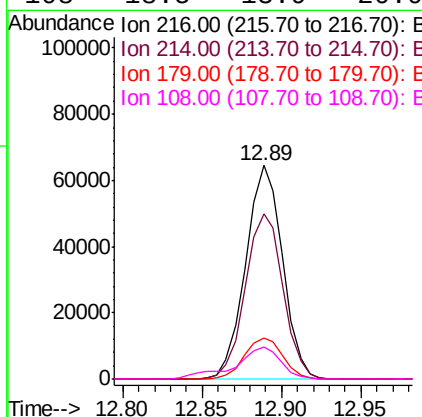
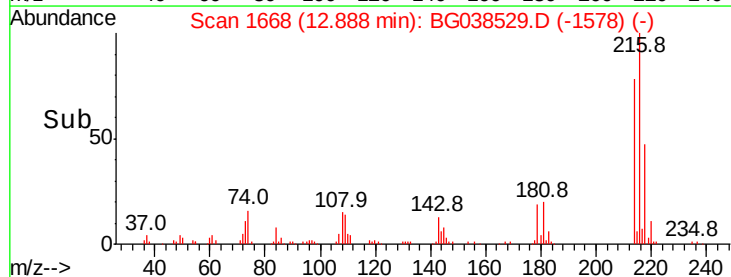
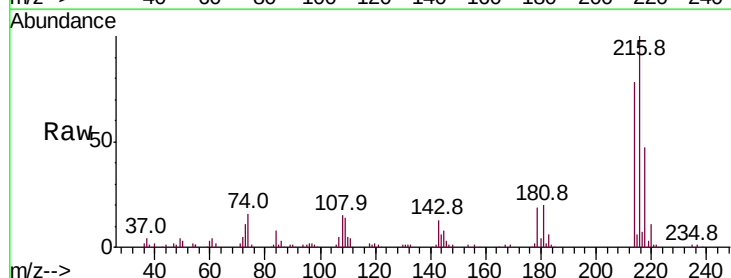
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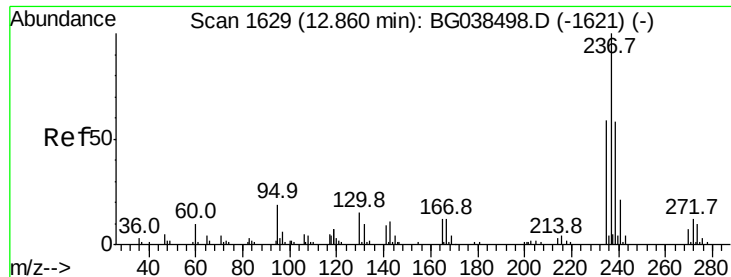
Sohil
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.093 ng
RT: 12.89 min Scan# 1668
Delta R.T. -0.00 min
Lab File: BG038529.D
Acq: 13 Dec 2018 12:48

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.1	64.1	96.1
179	19.8	16.4	24.6
108	18.5	13.9	20.9





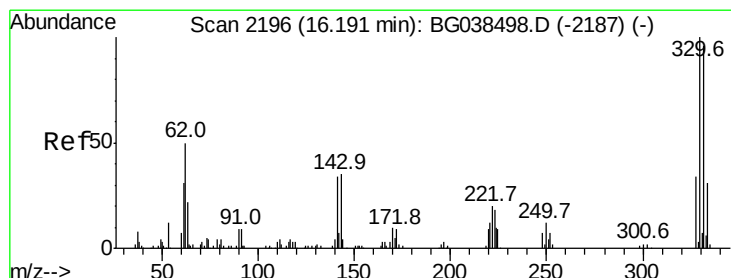
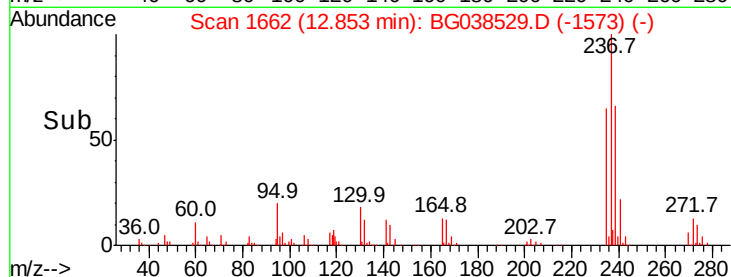
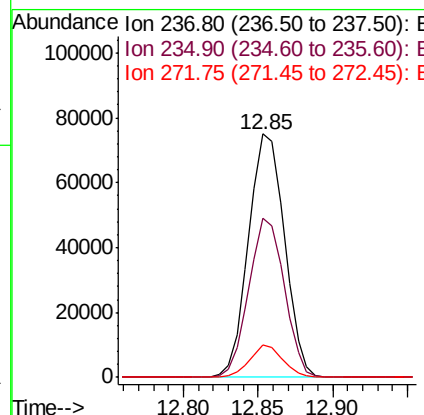
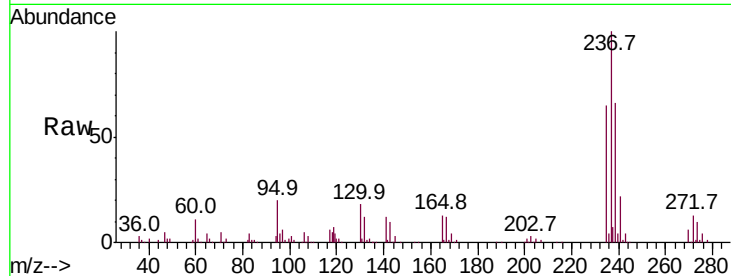
#41
Hexachlorocyclopentadiene
Concen: 101.055 ng
RT: 12.85 min Scan# 1662
Delta R.T. -0.01 min
Lab File: BG038529.D
Acq: 13 Dec 2018 12:48

Instrument :
BNA_G
ClientSampleId :
BF-01-120418MSD

Tot Ion	Ratio	Resp	Lower	Upper
237	100	125432		
235	65.5	38.8	78.8	
272	13.2	0.0	32.0	

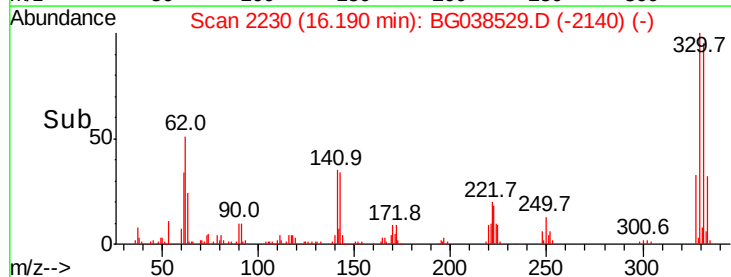
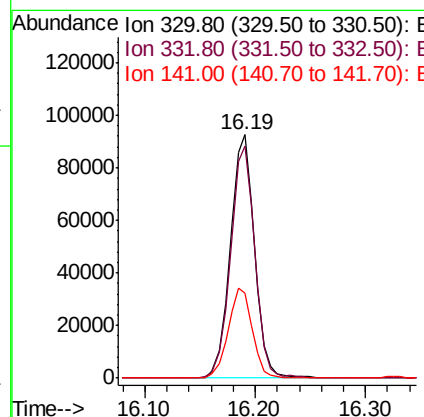
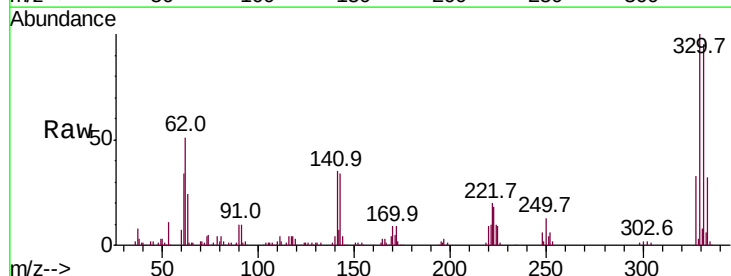
Manual Integrations
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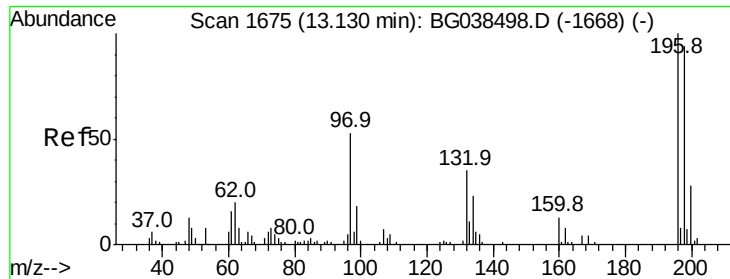
Sohil
12/13/2018 6:08:15 PM



#42
2,4,6-Tribromophenol
Concen: 170.325 ng
RT: 16.19 min Scan# 2230
Delta R.T. -0.00 min
Lab File: BG038529.D
Acq: 13 Dec 2018 12:48

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	141878		
332	95.3	76.9	115.3	
141	36.5	28.8	43.2	





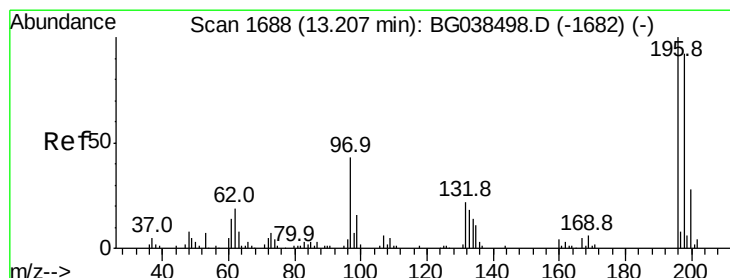
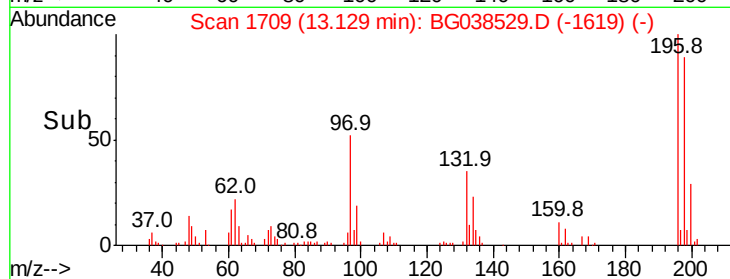
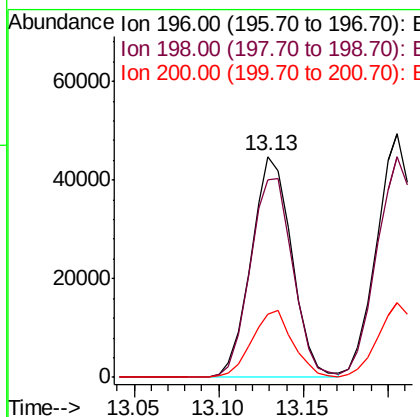
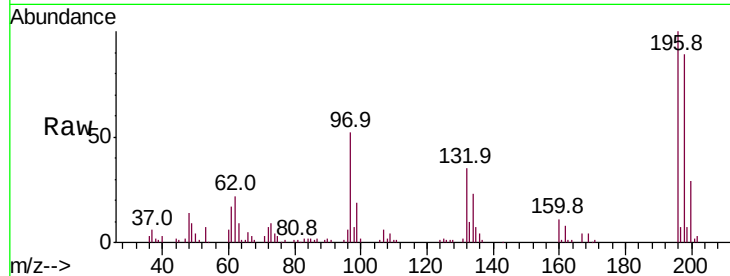
#43
 2,4,6-Trichlorophenol
 Concen: 53.727 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG038529.D
 Acq: 13 Dec 2018 12:48

Instrument :
 BNA_G
 ClientSampleId :
 BF-01-120418MSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	89.2	75.0	112.4
200	28.5	22.4	33.6

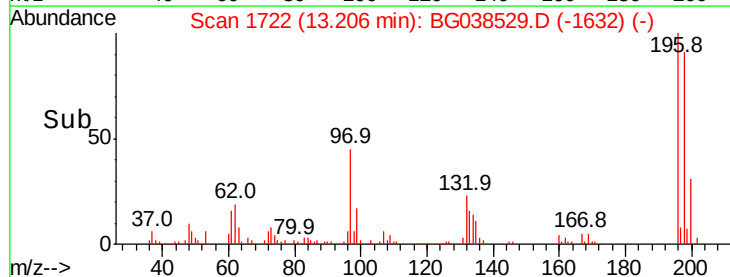
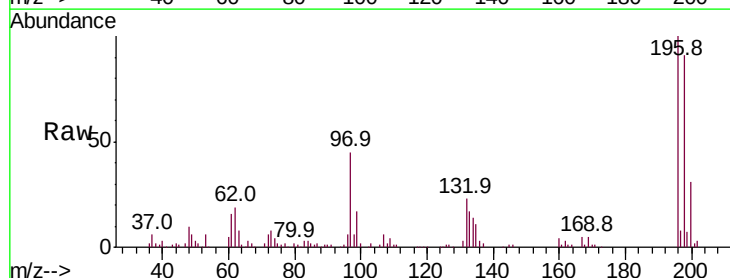
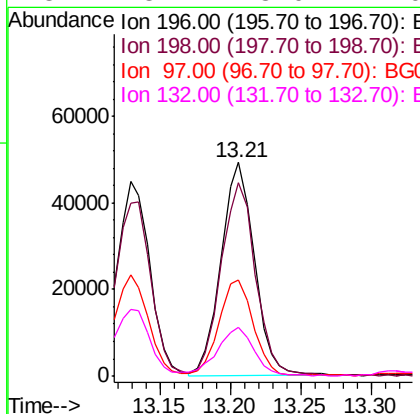
Manual Integrations
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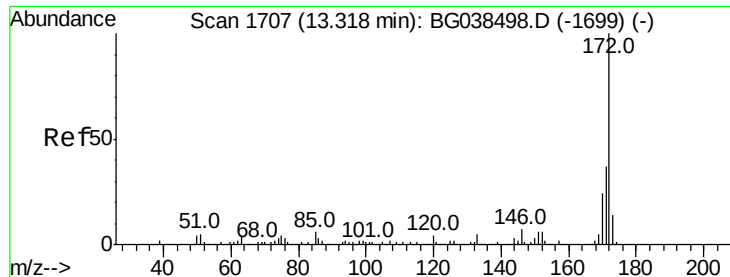
Sohil
 12/13/2018 6:08:15 PM



#44
 2,4,5-Trichlorophenol
 Concen: 55.169 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: BG038529.D
 Acq: 13 Dec 2018 12:48

Tgt Ion	Ratio	Lower	Upper
196	100		
198	90.8	74.0	111.0
97	44.9	35.1	52.7
132	23.1	18.0	27.0





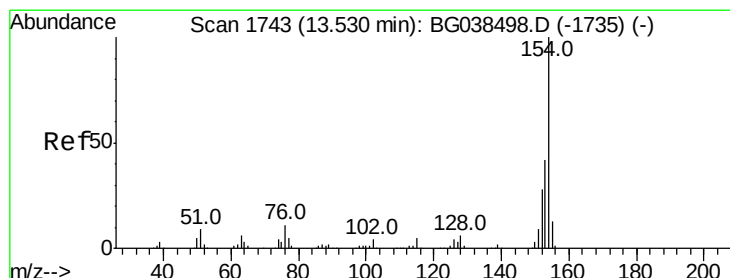
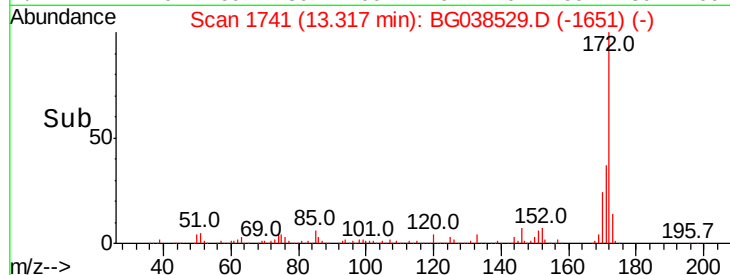
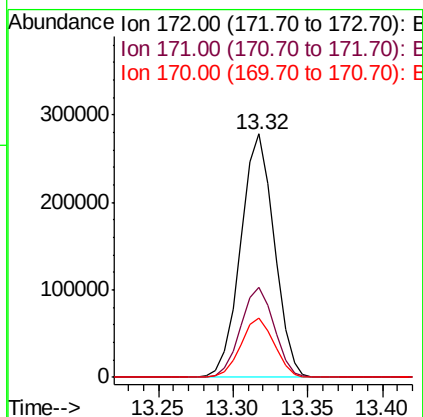
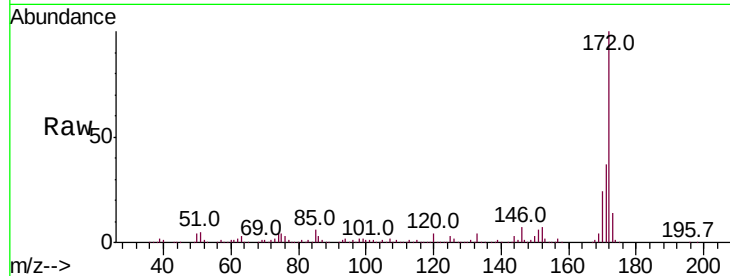
#45
2-Fluorobiphenyl
Concen: 98.189 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.00 min
Lab File: BG038529.D
Acq: 13 Dec 2018 12:48

Instrument :
BNA_G
ClientSampleId :
BF-01-120418MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.8	44.6
170	24.2	19.5	29.3

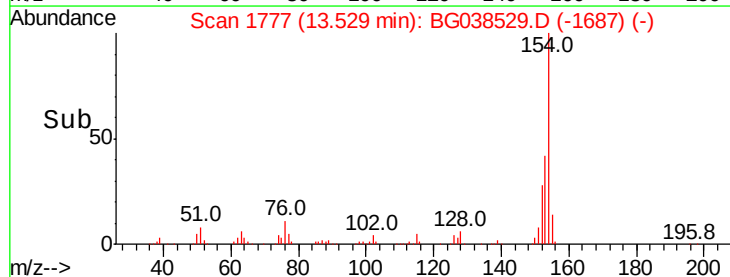
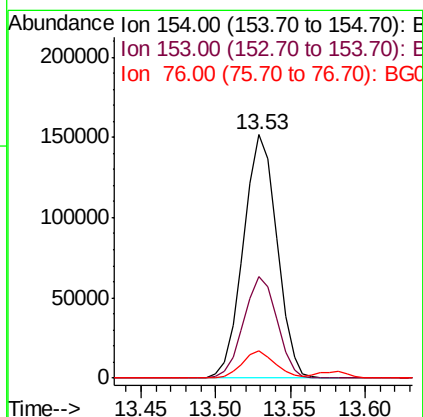
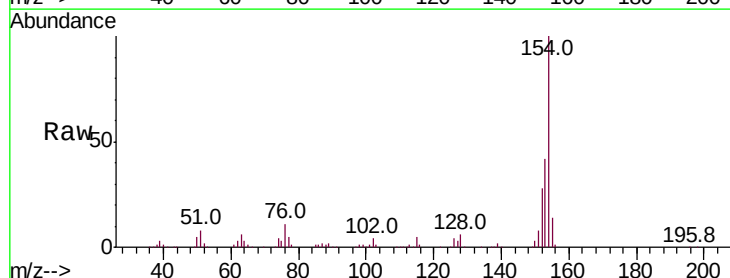
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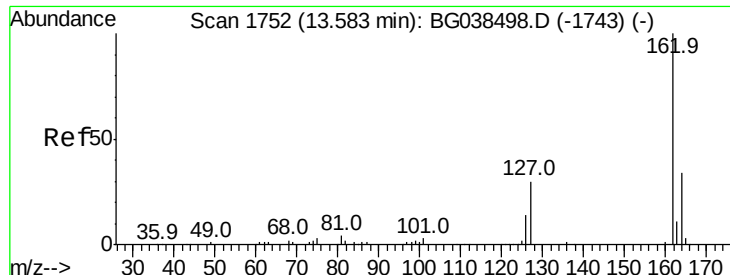
Sohil
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#46
1,1'-Biphenyl
Concen: 46.527 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.00 min
Lab File: BG038529.D
Acq: 13 Dec 2018 12:48

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	22.1	62.1
76	11.1	0.0	31.2





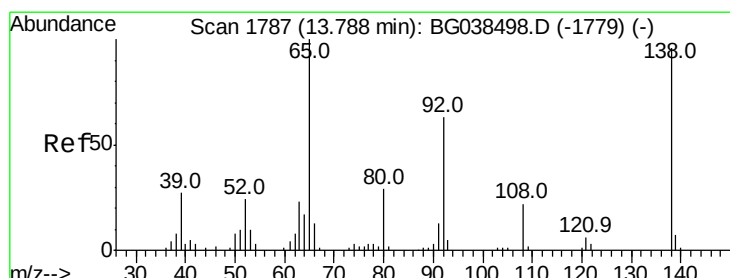
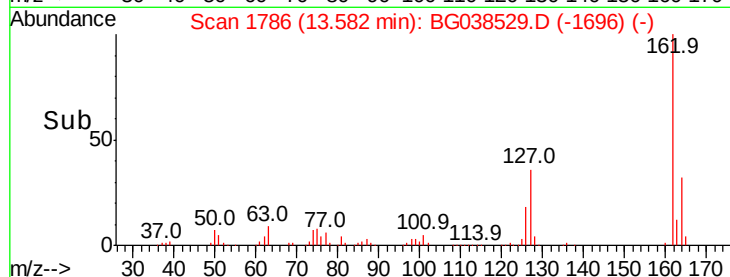
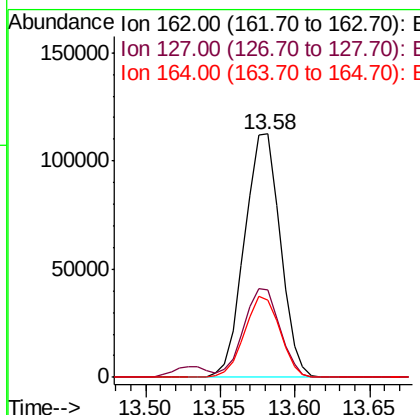
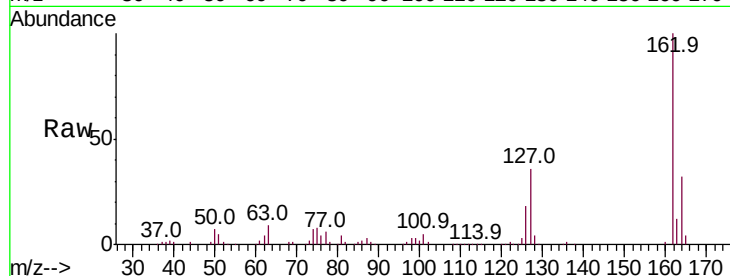
#47
 2-Chloronaphthalene
 Concen: 47.882 ng
 RT: 13.58 min Scan# 1786
 Delta R.T. -0.00 min
 Lab File: BG038529.D
 Acq: 13 Dec 2018 12:48

Instrument :
 BNA_G
 ClientSampleId :
 BF-01-120418MSD

Tot Ion:	162	Resp:	187405
Ion Ratio	Lower	Upper	
162	100		
127	35.7	27.8	41.8
164	31.7	26.9	40.3

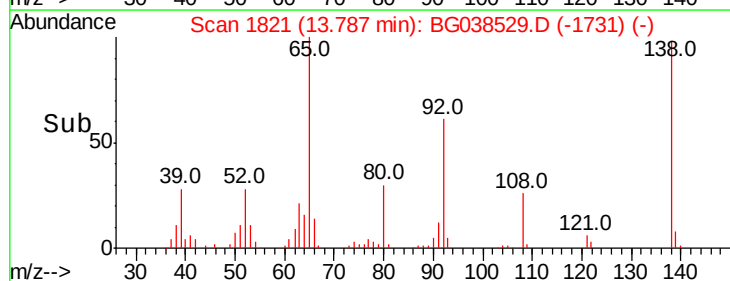
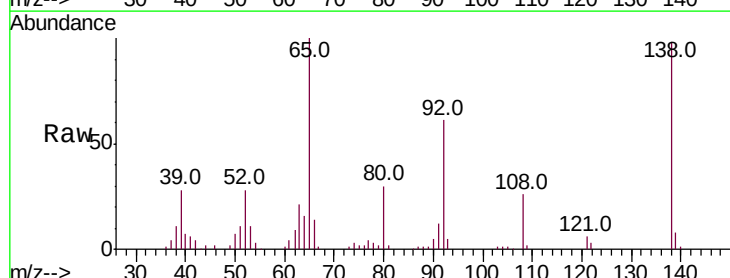
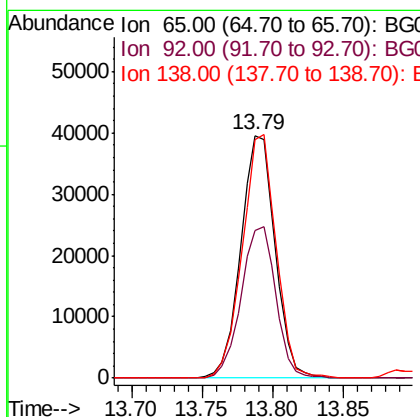
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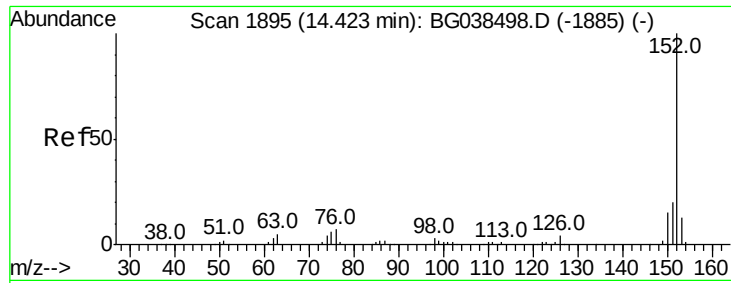
Sohil
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#48
 2-Nitroaniline
 Concen: 53.724 ng
 RT: 13.79 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: BG038529.D
 Acq: 13 Dec 2018 12:48

Tgt Ion:	65	Resp:	66976
Ion Ratio	Lower	Upper	
65	100		
92	60.9	50.0	75.0
138	98.2	76.9	115.3





#49

Acenaphthylene

Concen: 54.035 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG038529.D

Acq: 13 Dec 2018 12:48

Instrument :

BNA_G

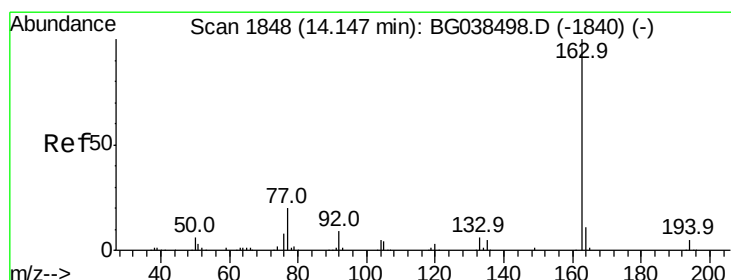
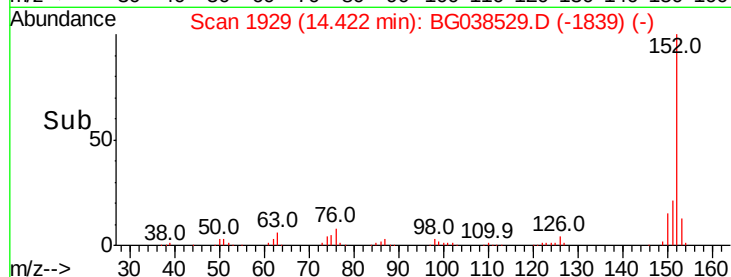
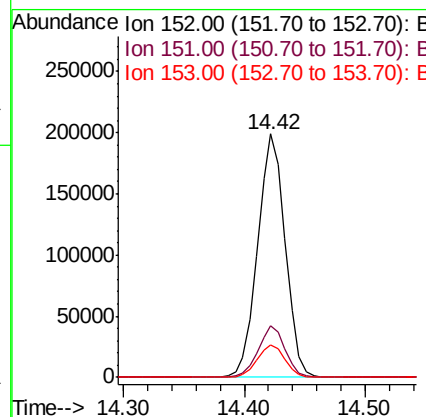
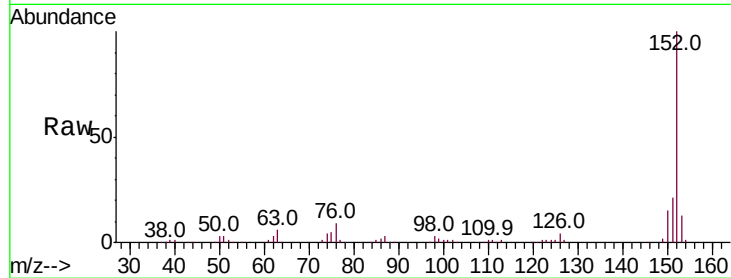
ClientSampleId :

BF-01-120418MSD

Tot Ion:	152	Resp:	316167
Ion Ratio	Lower	Upper	
152	100		
151	21.0	16.4	24.6
153	13.1	10.4	15.6

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#50

Dimethylphthalate

Concen: 63.665 ng

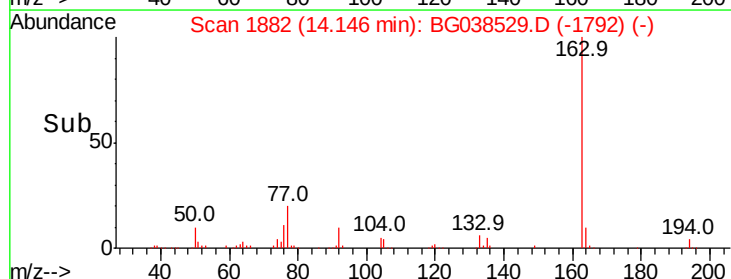
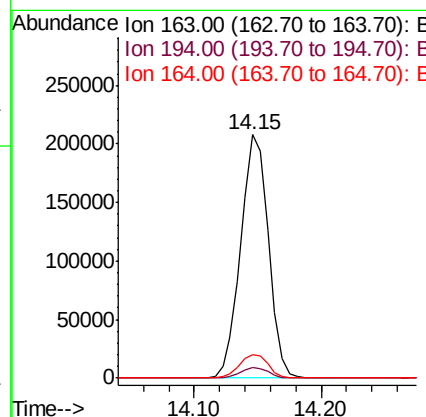
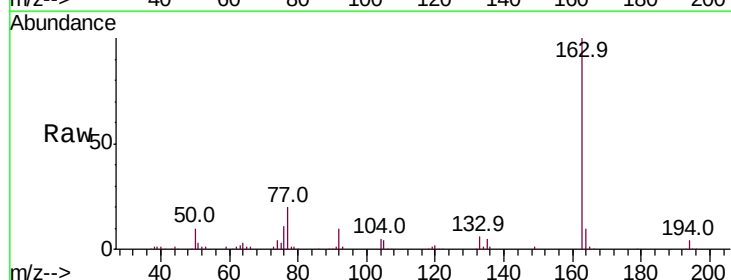
RT: 14.15 min Scan# 1882

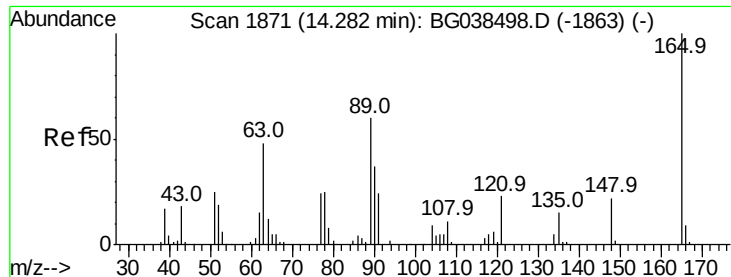
Delta R.T. -0.00 min

Lab File: BG038529.D

Acq: 13 Dec 2018 12:48

Tgt Ion:	163	Resp:	314241
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.7	5.5
164	9.7	8.6	12.8





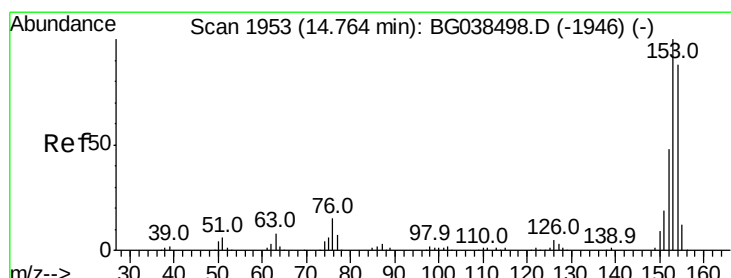
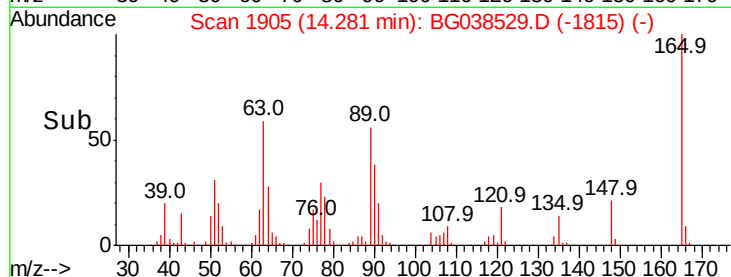
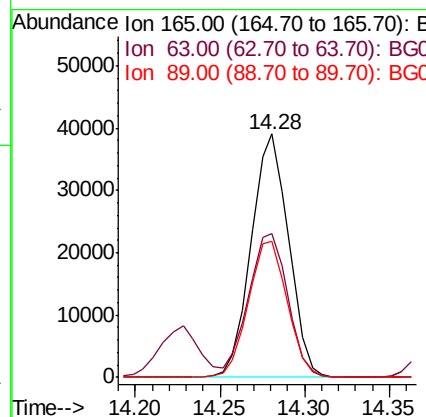
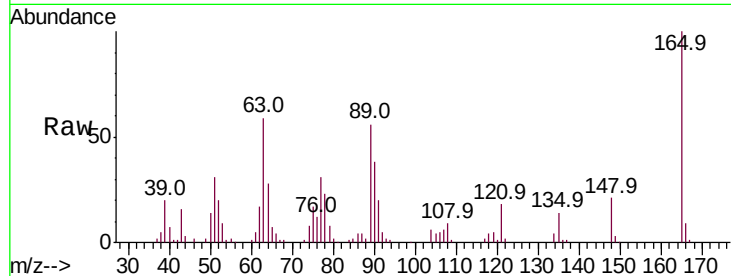
#51
 2,6-Dinitrotoluene
 Concen: 53.575 ng
 RT: 14.28 min Scan# 1905
 Delta R.T. -0.00 min
 Lab File: BG038529.D
 Acq: 13 Dec 2018 12:48

Instrument :
 BNA_G
 ClientSampleId :
 BF-01-120418MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	59926		
63	59.0		51.8	77.6
89	55.9		47.9	71.9

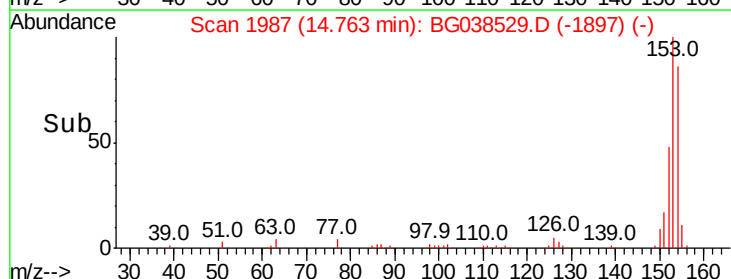
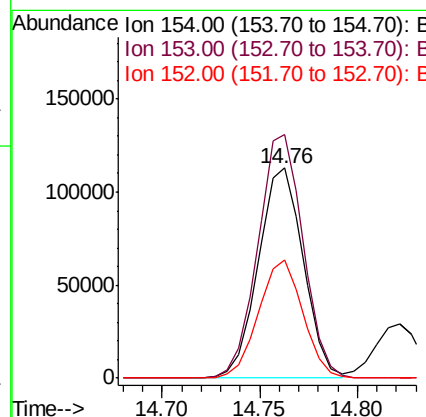
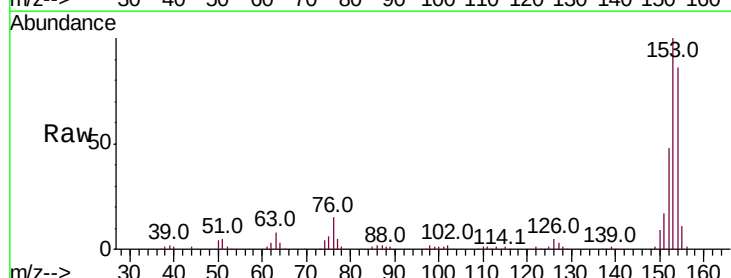
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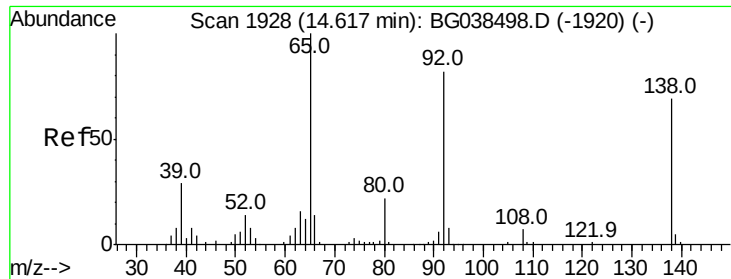
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#52
 Acenaphthene
 Concen: 51.365 ng
 RT: 14.76 min Scan# 1987
 Delta R.T. -0.00 min
 Lab File: BG038529.D
 Acq: 13 Dec 2018 12:48

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	179713		
153	116.0		90.6	136.0
152	56.2		43.5	65.3





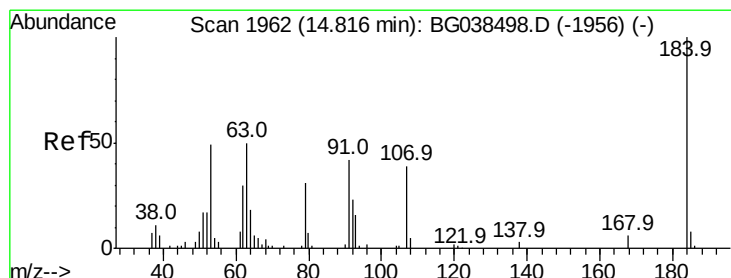
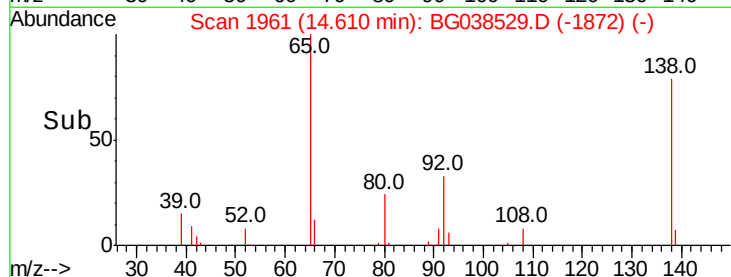
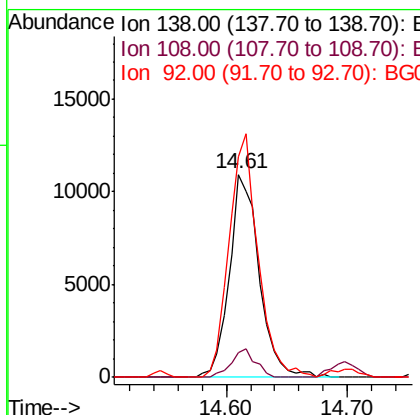
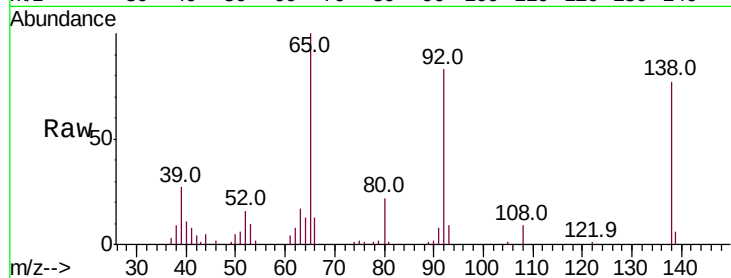
#53
3-Nitroaniline
Concen: 16.449 ng
RT: 14.61 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BG038529.D
Acq: 13 Dec 2018 12:48

Instrument :
BNA_G
ClientSampleId :
BF-01-120418MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.0	7.9	11.9#
92	108.6	95.3	142.9

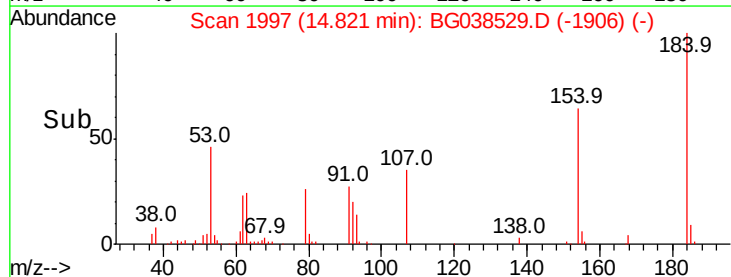
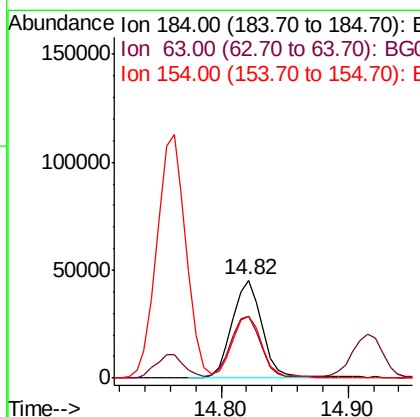
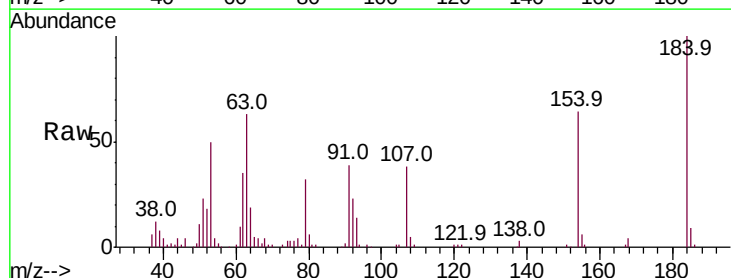
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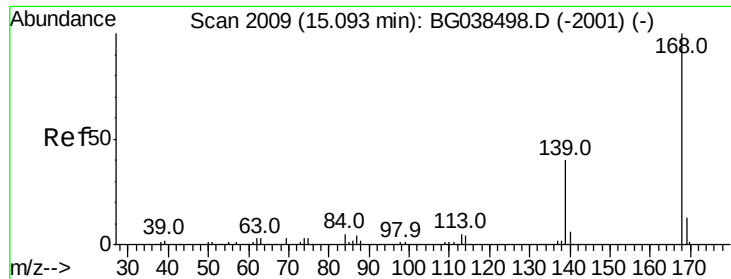
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#54
2,4-Dinitrophenol
Concen: 109.298 ng
RT: 14.82 min Scan# 1997
Delta R.T. 0.01 min
Lab File: BG038529.D
Acq: 13 Dec 2018 12:48

Tgt Ion	Ratio	Lower	Upper
184	100		
63	63.3	47.0	70.6
154	63.8	50.3	75.5





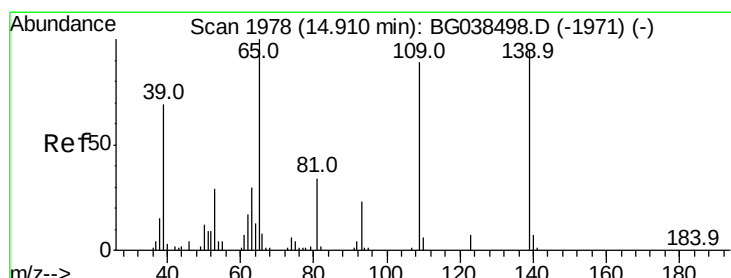
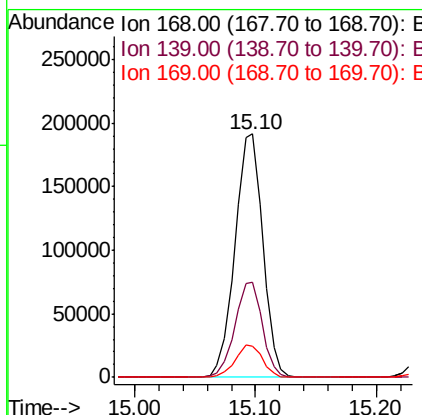
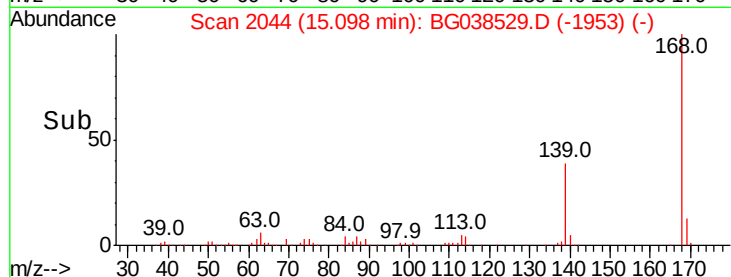
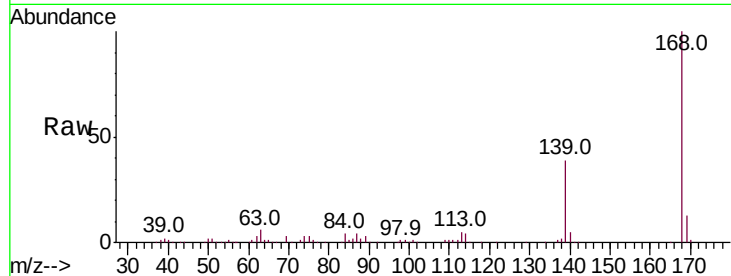
#55
Dibenzenofuran
Concen: 51.288 ng
RT: 15.10 min Scan# 2044
Delta R.T. 0.01 min
Lab File: BG038529.D
Acq: 13 Dec 2018 12:48

Instrument :
BNA_G
ClientSampleId :
BF-01-120418MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.2	32.2	48.2
169	12.8	10.6	16.0

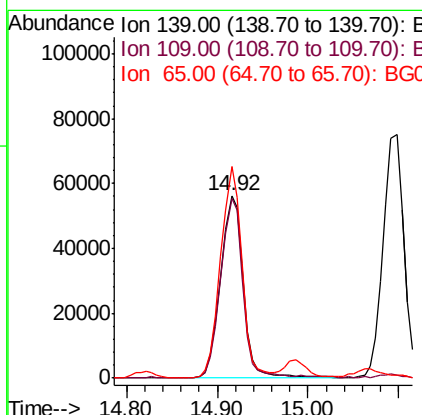
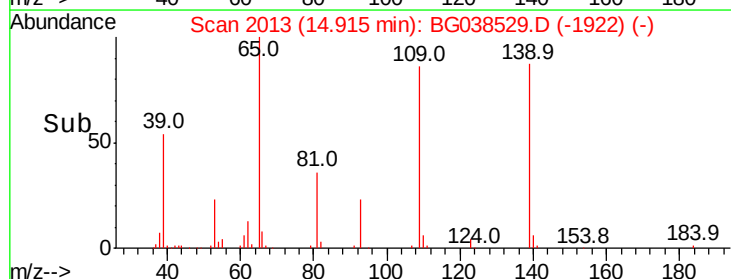
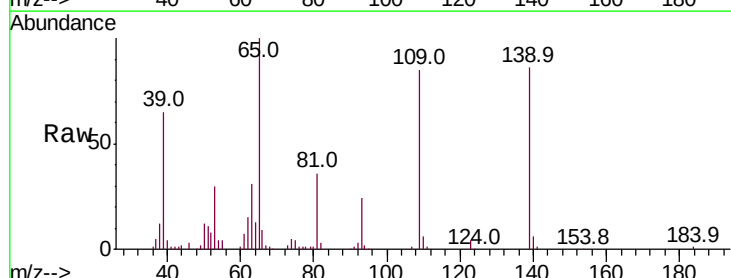
Manual Integrations
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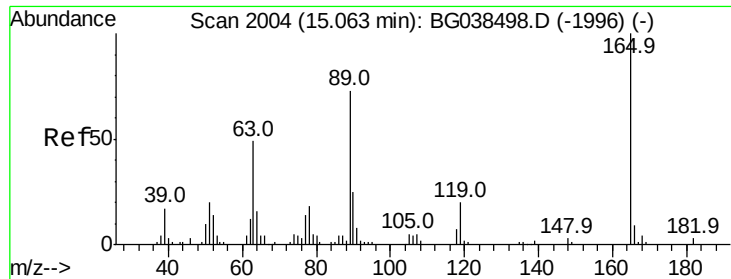
Sohil
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#56
4-Nitrophenol
Concen: 113.770 ng
RT: 14.92 min Scan# 2013
Delta R.T. 0.01 min
Lab File: BG038529.D
Acq: 13 Dec 2018 12:48

Tgt Ion	Ratio	Lower	Upper
139	100		
109	98.4	73.6	113.6
65	115.9	84.8	124.8





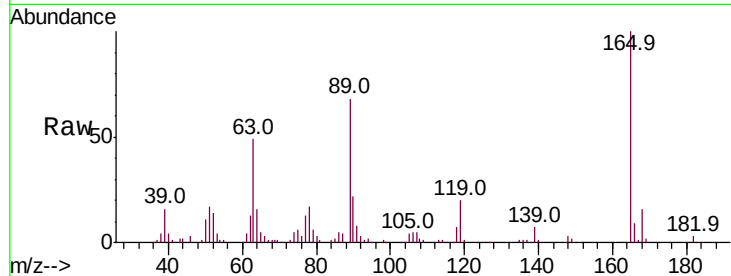
#57
2,4-Dinitrotoluene
Concen: 53.922 ng
RT: 15.07 min Scan# 2039
Delta R.T. 0.01 min
Lab File: BG038529.D
Acq: 13 Dec 2018 12:48

Instrument :
BNA_G
ClientSampleId :
BF-01-120418MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	49.1	39.0	58.4
89	67.5	58.0	87.0
182	3.0	2.3	3.5

Manual Integrations
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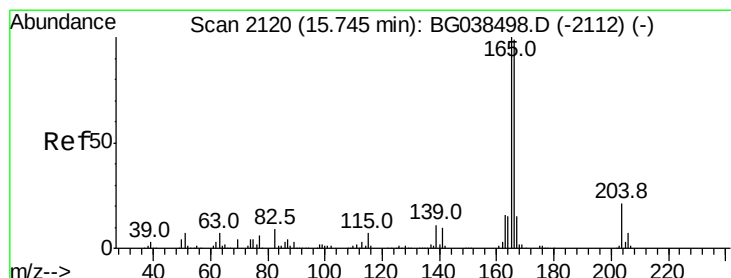
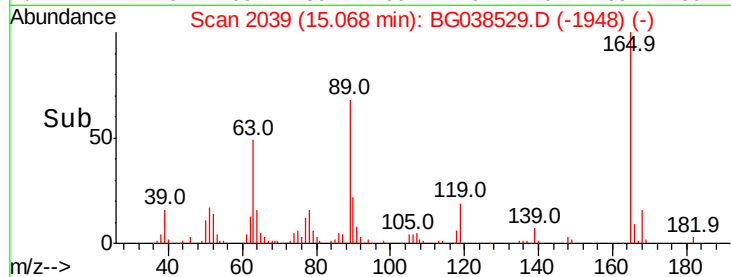
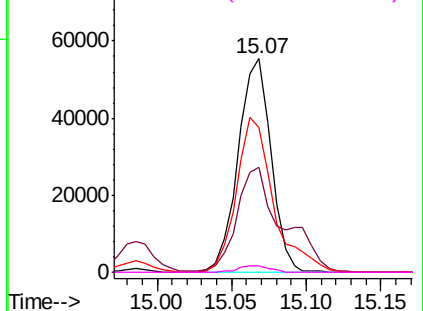
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

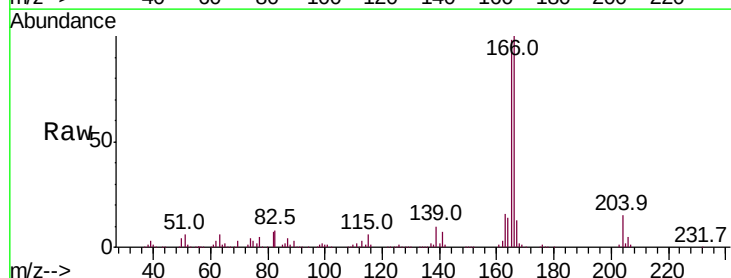
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 55.652 ng
RT: 15.74 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BG038529.D
Acq: 13 Dec 2018 12:48

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.2	80.6	120.8
167	13.3	12.0	18.0

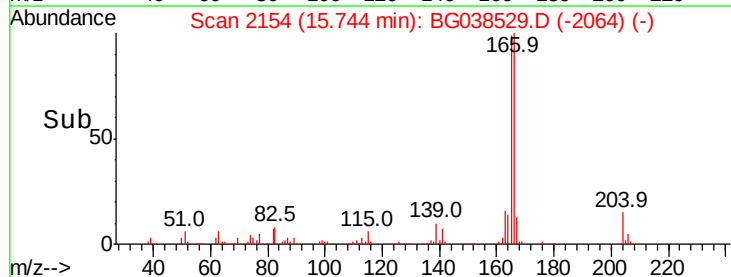
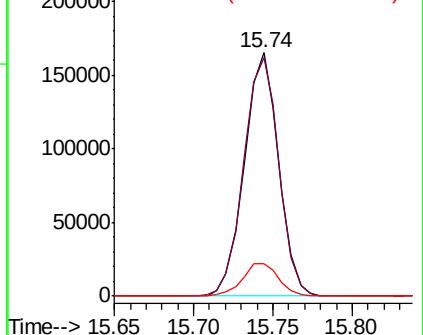


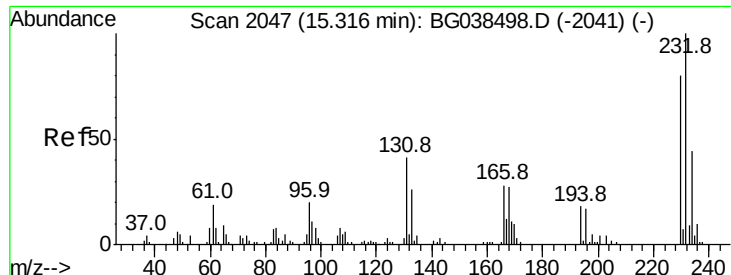
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





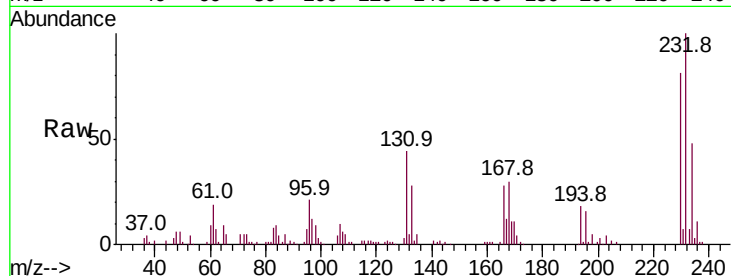
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 56.837 ng
 RT: 15.32 min Scan# 2081
 Delta R.T. -0.00 min
 Lab File: BG038529.D
 Acq: 13 Dec 2018 12:48

Instrument :
 BNA_G
 ClientSampleId :
 BF-01-120418MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	41.2	33.0	49.4
130	2.5	2.0	3.0
166	28.0	23.1	34.7

Manual Integrations
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 12/13/2018 6:08:15 PM



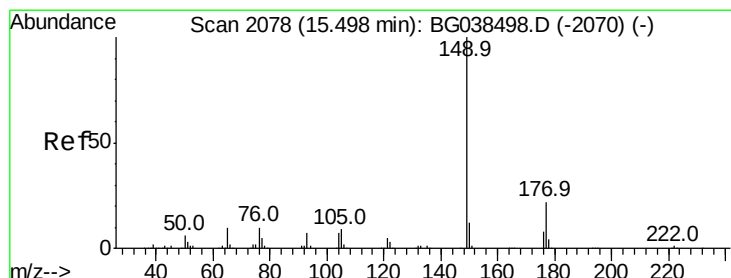
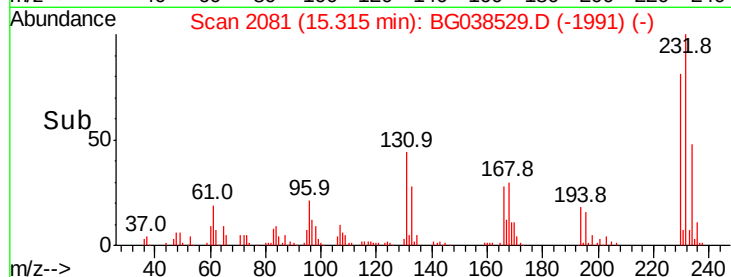
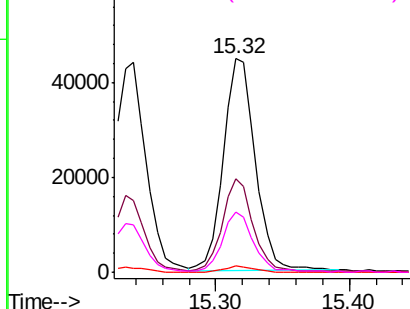
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 50.583 ng
 RT: 15.50 min Scan# 2113
 Delta R.T. 0.01 min
 Lab File: BG038529.D
 Acq: 13 Dec 2018 12:48

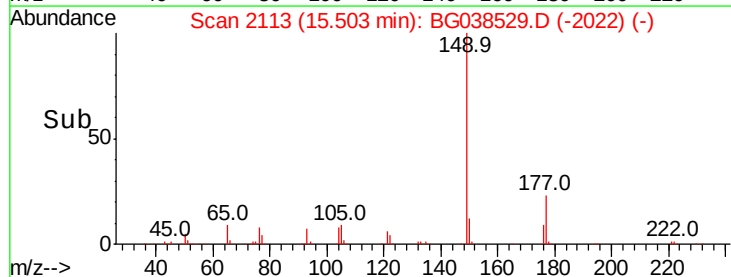
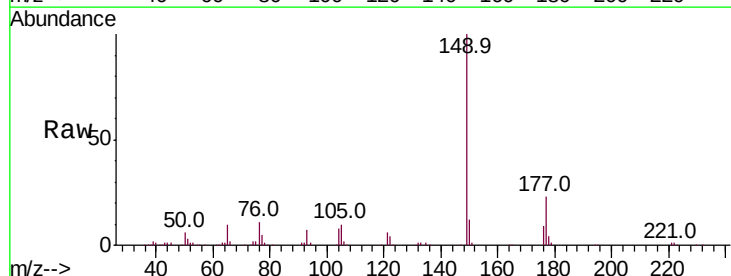
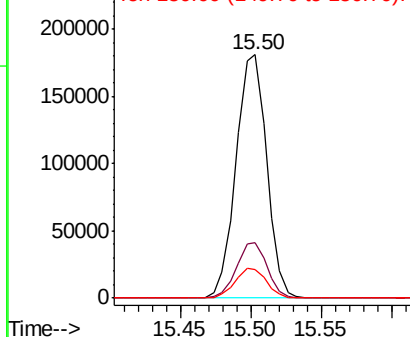
Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.9	17.7	26.5
150	11.7	9.9	14.9

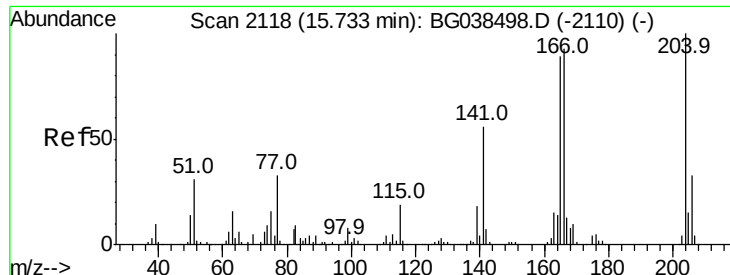
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





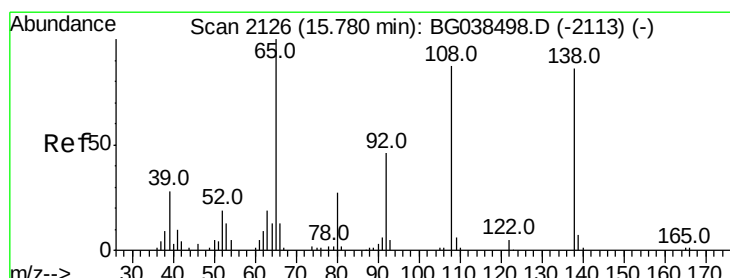
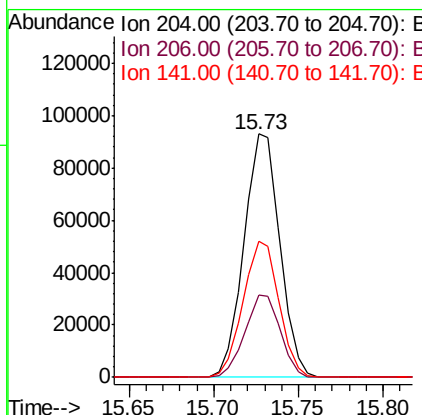
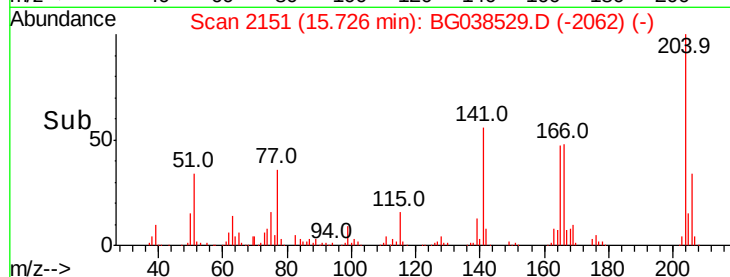
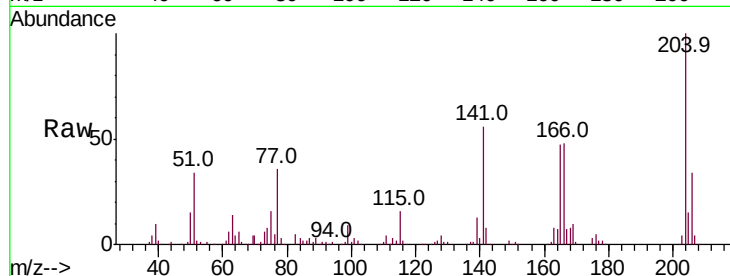
#61
4-Chlorophenyl-phenylether
Concen: 49.663 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG038529.D
Acq: 13 Dec 2018 12:48

Instrument :
BNA_G
ClientSampleId :
BF-01-120418MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.6	26.0	39.0
141	55.9	44.4	66.6

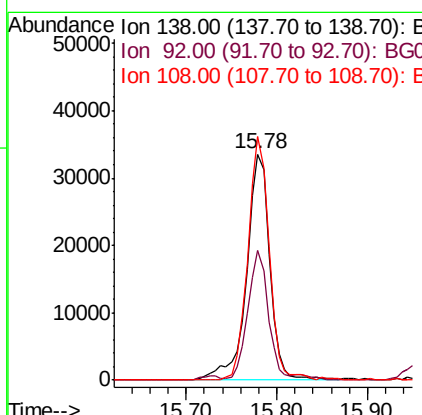
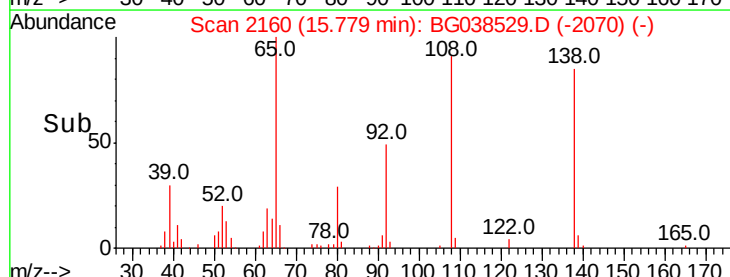
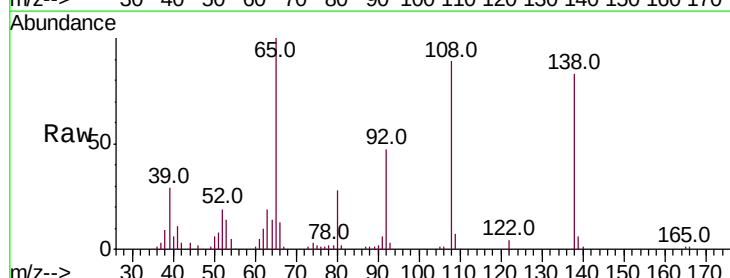
Manual Integrations
APPROVED

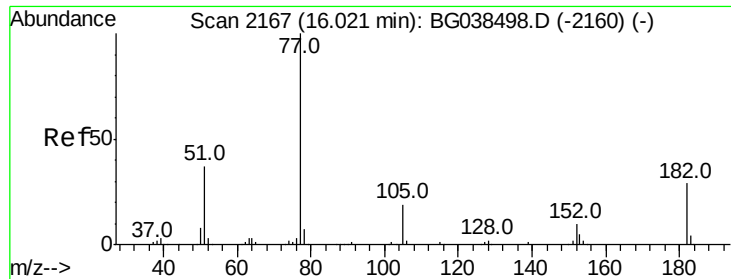
Sohil
12/13/2018 6:08:15 PM



#62
4-Nitroaniline
Concen: 50.627 ng
RT: 15.78 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BG038529.D
Acq: 13 Dec 2018 12:48

Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.1	33.3	73.3
108	107.7	81.4	121.4





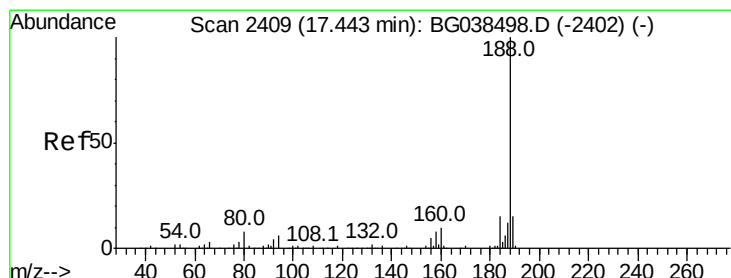
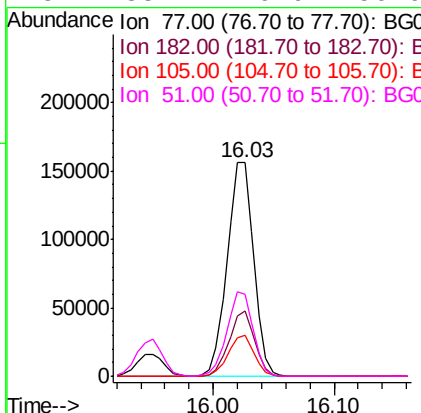
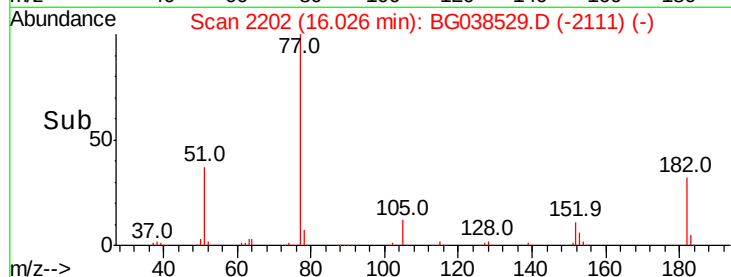
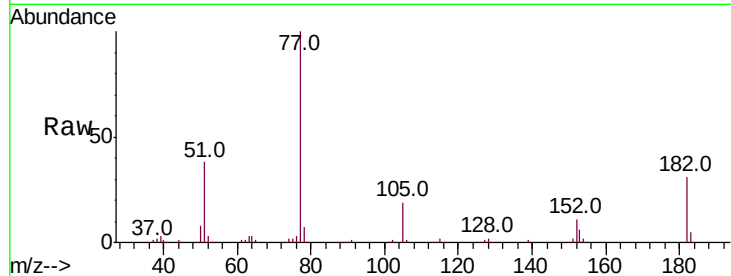
#63
Azobenzene
Concen: 52.686 ng
RT: 16.03 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BG038529.D
Acq: 13 Dec 2018 12:48

Instrument :
BNA_G
ClientSampleId :
BF-01-120418MSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	30.6	8.7	48.7
105	19.3	0.0	38.7
51	38.4	16.6	56.6

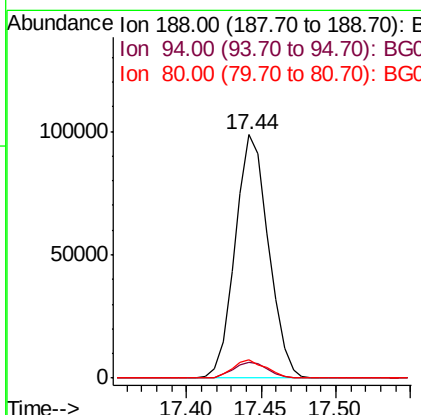
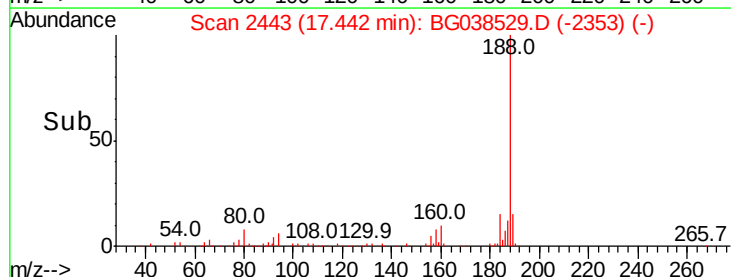
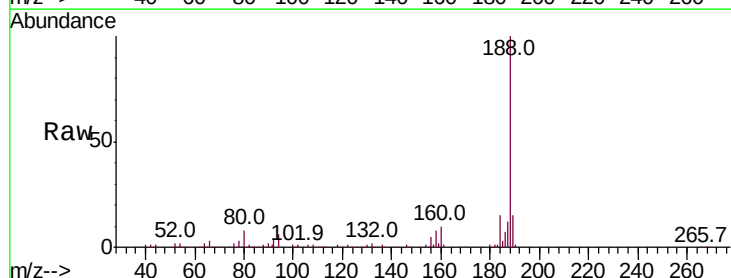
Manual Integrations
APPROVED

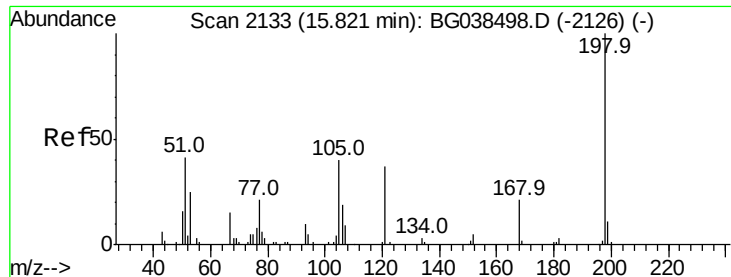
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038529.D
Acq: 13 Dec 2018 12:48

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.3	5.1	7.7
80	7.8	6.1	9.1





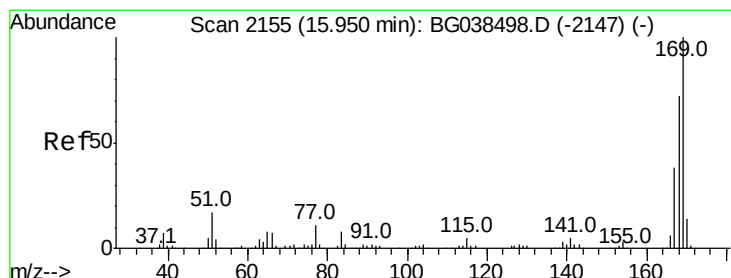
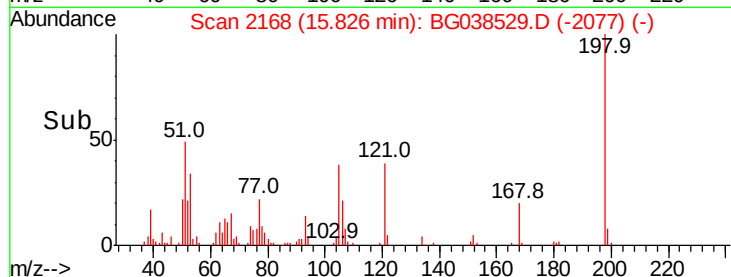
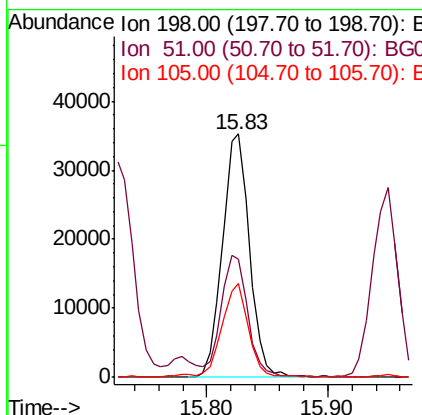
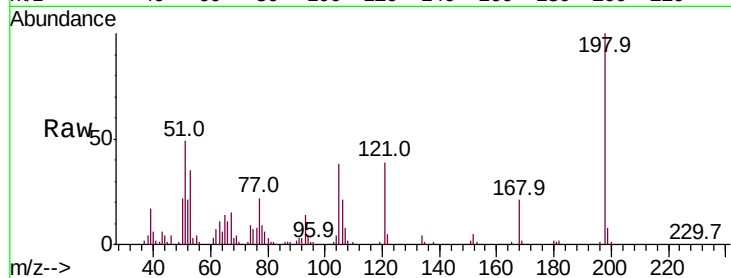
#65
4,6-Dinitro-2-methylphenol
Concen: 49.910 ng
RT: 15.83 min Scan# 2168
Delta R.T. 0.01 min
Lab File: BG038529.D
Acq: 13 Dec 2018 12:48

Instrument :
BNA_G
ClientSampleId :
BF-01-120418MSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	48.7	28.6	68.6
105	38.5	20.4	60.4

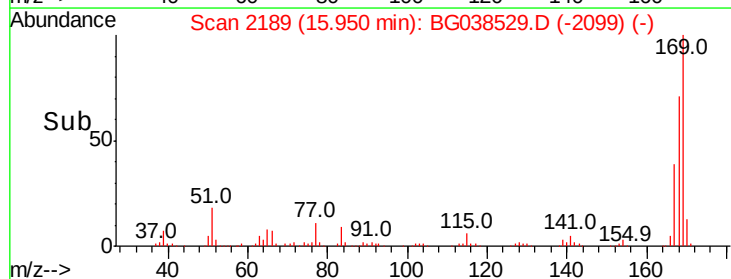
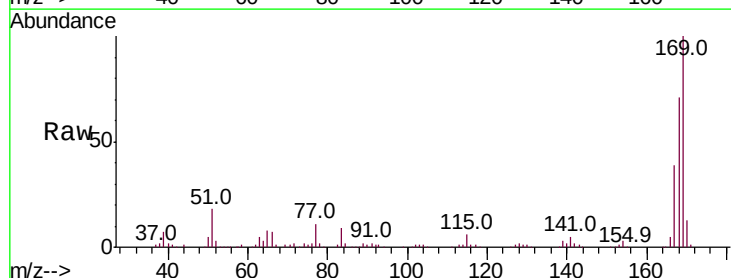
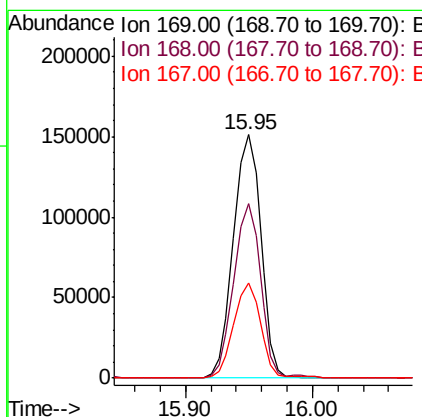
Manual Integrations
APPROVED

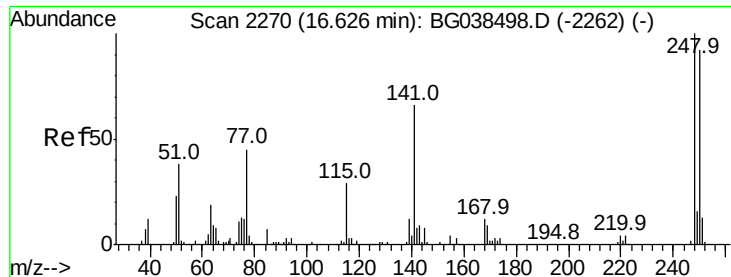
Sohil
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#66
n-Nitrosodiphenylamine
Concen: 50.619 ng
RT: 15.95 min Scan# 2189
Delta R.T. -0.00 min
Lab File: BG038529.D
Acq: 13 Dec 2018 12:48

Tgt Ion	Ratio	Lower	Upper
169	100		
168	71.4	57.5	86.3
167	39.3	30.2	45.2





#67

4-Bromophenyl-phenylether

Concen: 49.469 ng

RT: 16.63 min Scan# 2304

Delta R.T. -0.00 min

Lab File: BG038529.D

Acq: 13 Dec 2018 12:48

Instrument :

BNA_G

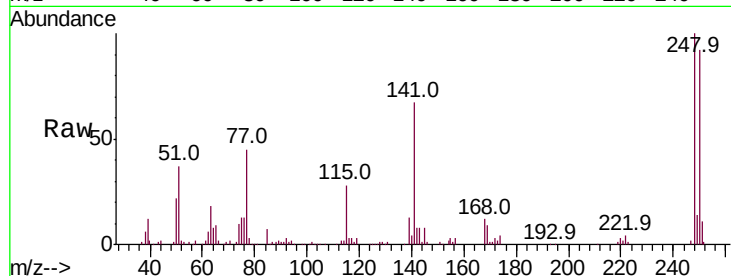
ClientSampleId :

BF-01-120418MSD

Tot Ion:	248	Resp:	92536
Ion Ratio	Lower	Upper	
248	100		
250	91.9	73.4	110.2
141	66.7	52.9	79.3

Manual Integrations
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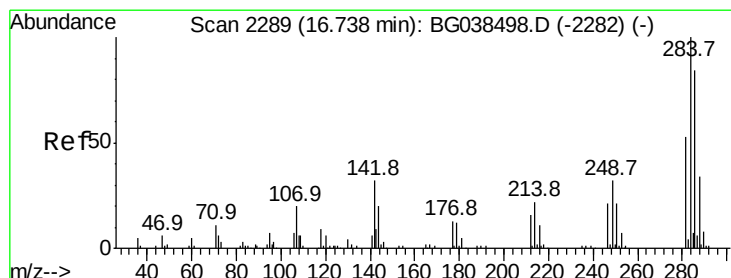
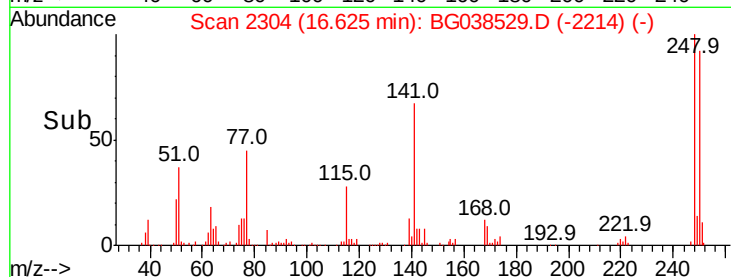
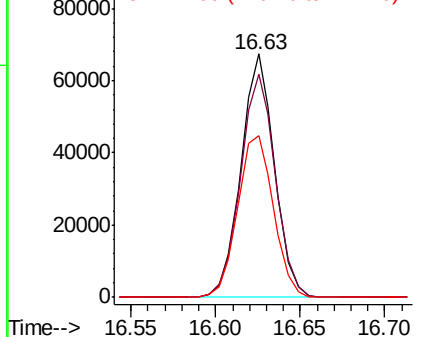


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 50.210 ng

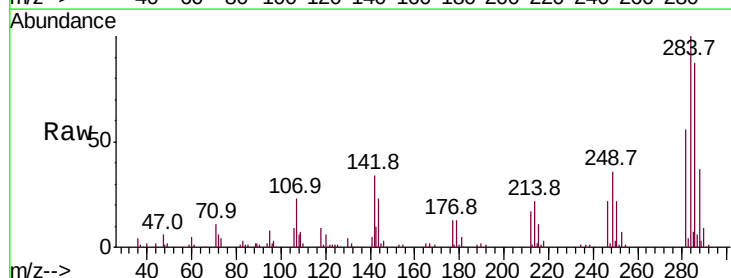
RT: 16.74 min Scan# 2323

Delta R.T. -0.00 min

Lab File: BG038529.D

Acq: 13 Dec 2018 12:48

Tgt Ion:	284	Resp:	97361
Ion Ratio	Lower	Upper	
284	100		
142	34.3	25.8	38.6
249	39.0	27.0	40.4

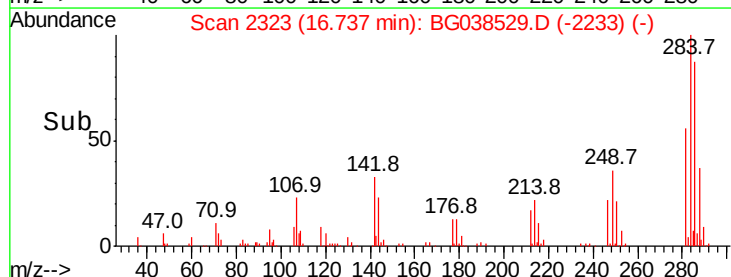
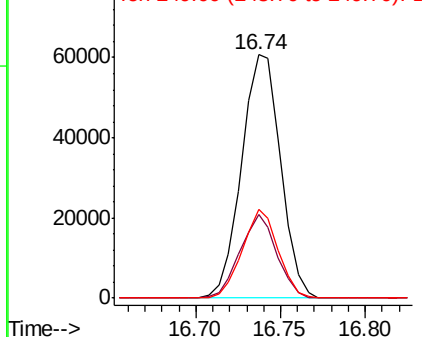


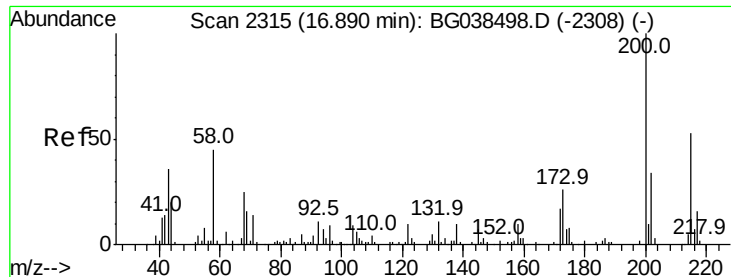
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





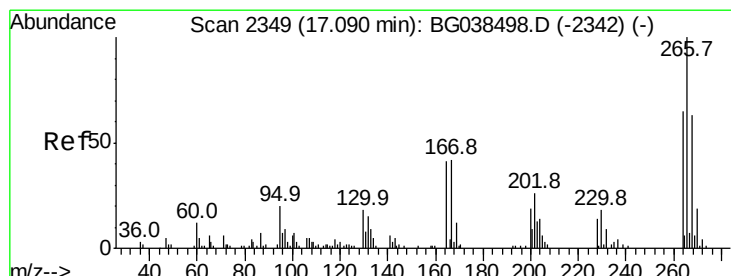
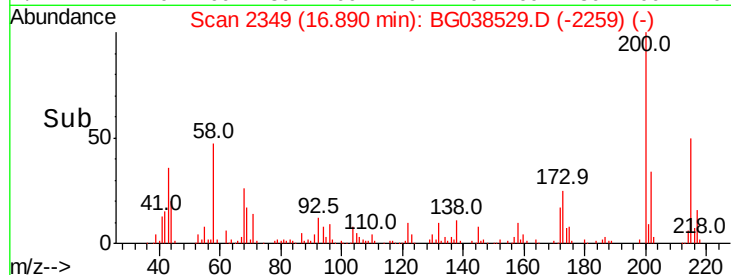
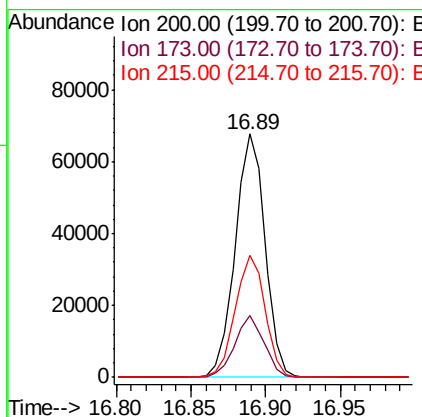
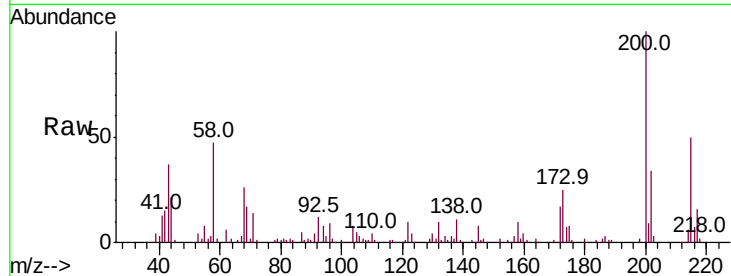
#69
Atrazine
Concen: 56.275 ng
RT: 16.89 min Scan# 2349
Delta R.T. -0.00 min
Lab File: BG038529.D
Acq: 13 Dec 2018 12:48

Instrument :
BNA_G
ClientSampleId :
BF-01-120418MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.5	5.9	45.9
215	50.3	33.1	73.1

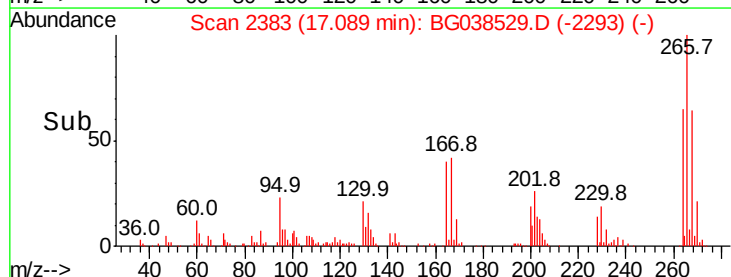
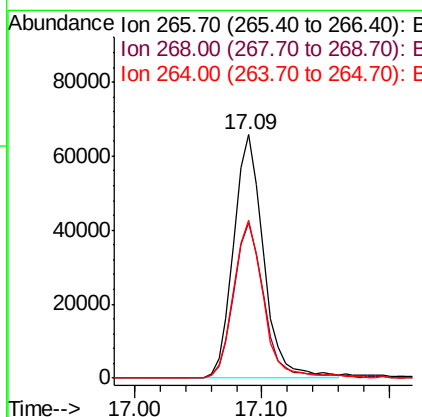
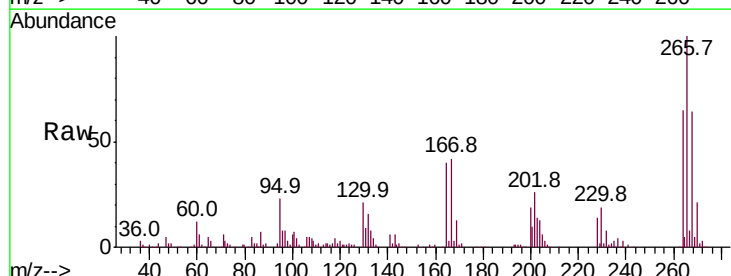
Manual Integrations
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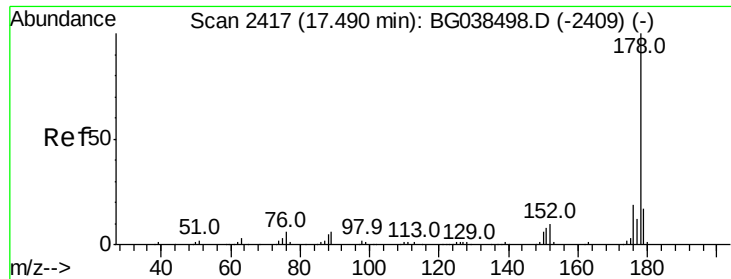
Sohil
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#70
Pentachlorophenol
Concen: 93.766 ng
RT: 17.09 min Scan# 2383
Delta R.T. -0.00 min
Lab File: BG038529.D
Acq: 13 Dec 2018 12:48

Tgt Ion	Ratio	Lower	Upper
266	100		
268	68.7	55.0	82.6
264	69.6	56.7	85.1





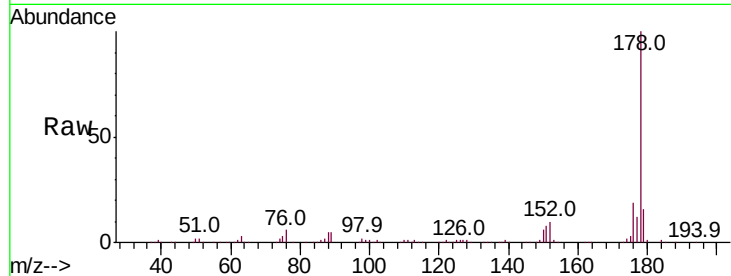
#71
Phenanthrene
Concen: 54.678 ng
RT: 17.49 min Scan# 2451
Delta R.T. -0.00 min
Lab File: BG038529.D
Acq: 13 Dec 2018 12:48

Instrument :
BNA_G
ClientSampleId :
BF-01-120418MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.1	22.7
179	16.1	13.2	19.8

Manual Integrations
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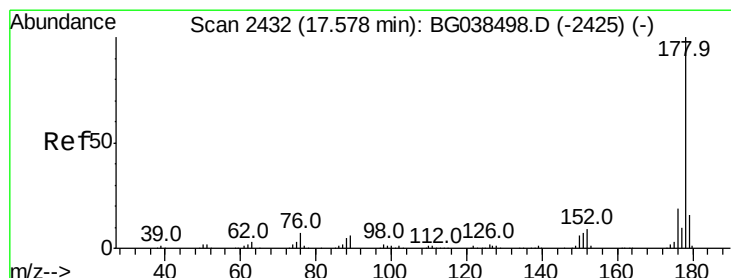
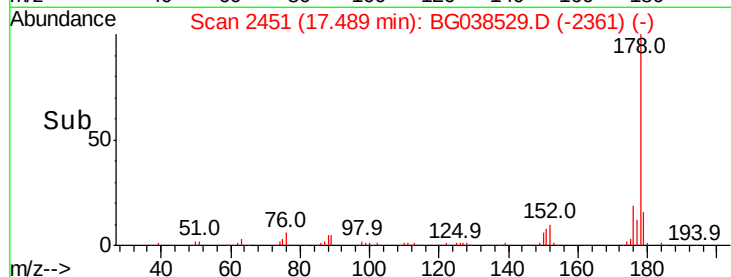
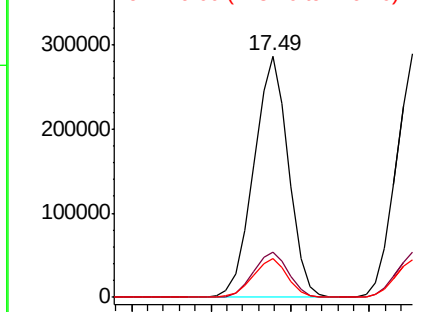


Abundance

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: 56.692 ng
RT: 17.58 min Scan# 2466
Delta R.T. -0.00 min
Lab File: BG038529.D
Acq: 13 Dec 2018 12:48

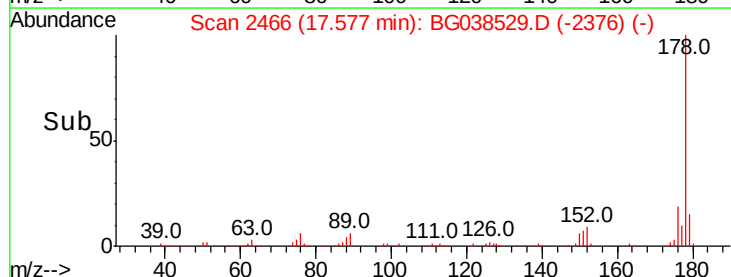
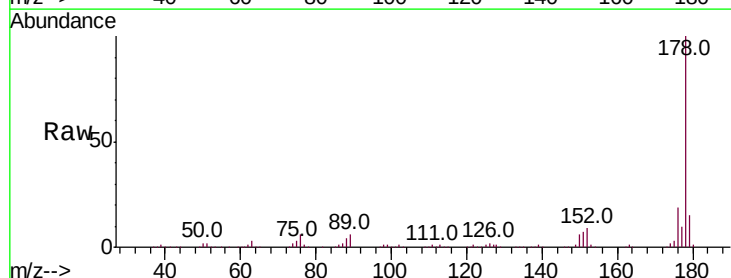
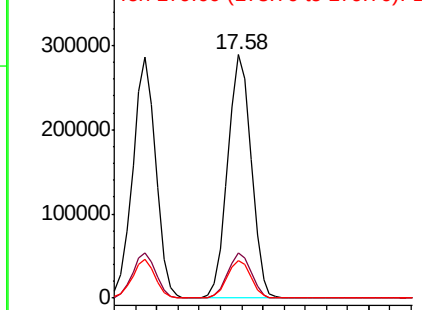
Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.1	22.7
179	15.4	12.9	19.3

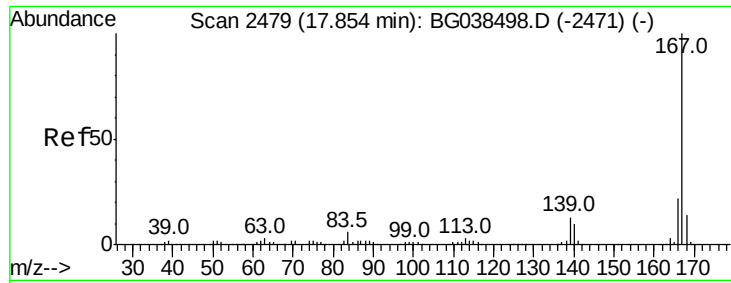
Abundance

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





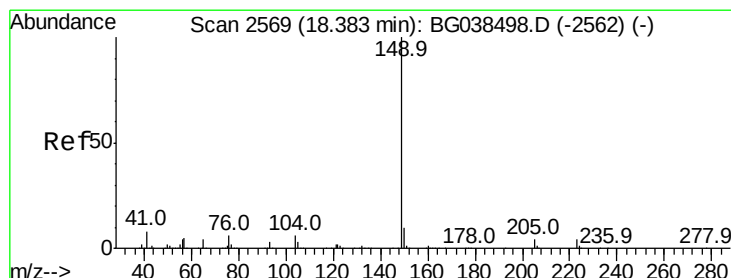
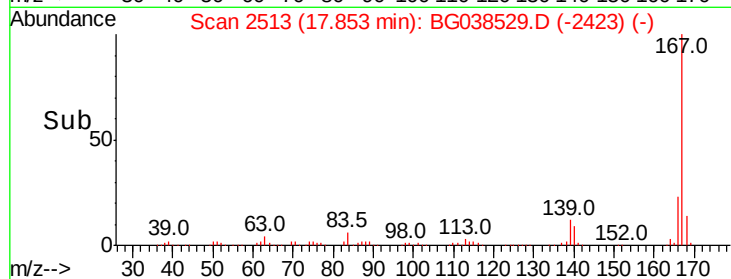
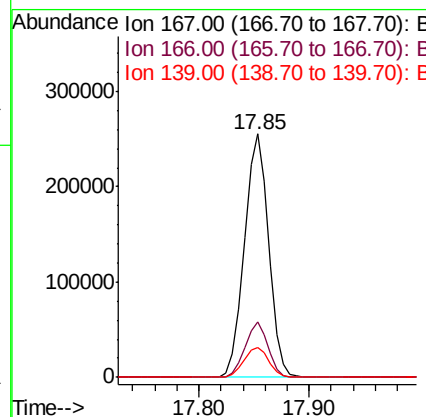
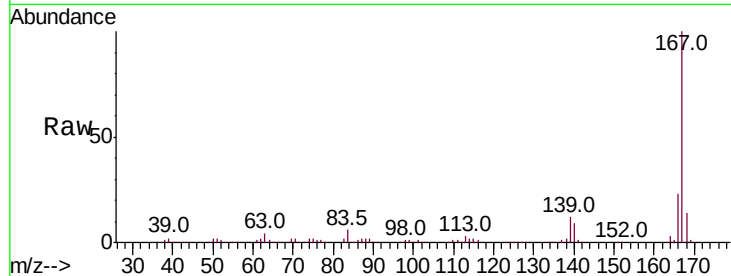
#73
 Carbazole
 Concen: 50.828 ng
 RT: 17.85 min Scan# 2513
 Delta R.T. -0.00 min
 Lab File: BG038529.D
 Acq: 13 Dec 2018 12:48

Instrument :
 BNA_G
 ClientSampleId :
 BF-01-120418MSD

Tot Ion	Ratio	Resp	Lower	Upper
167	100			
166	22.6	17.9	26.9	
139	12.2	10.2	15.2	

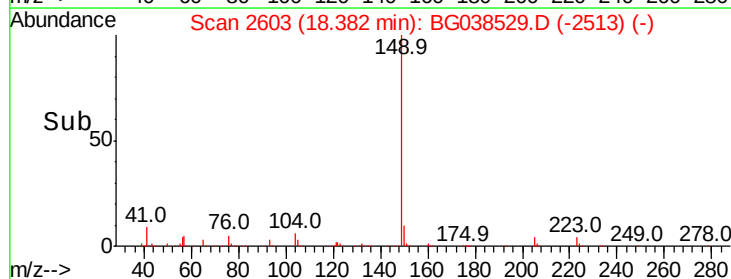
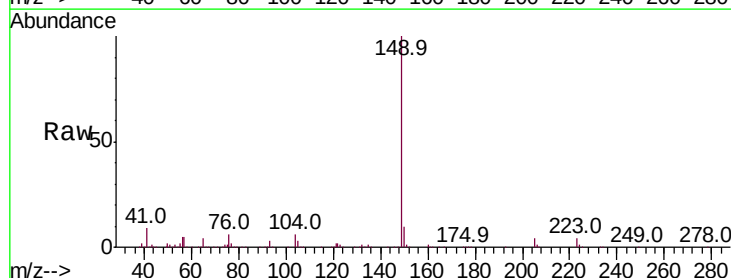
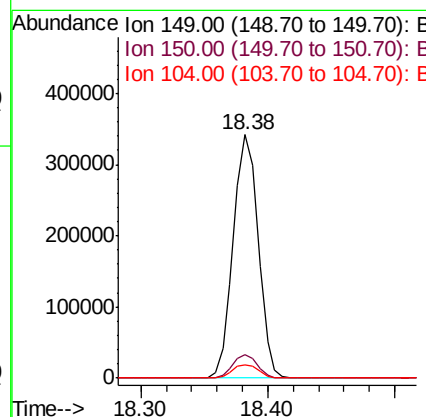
Manual Integrations
 APPROVED

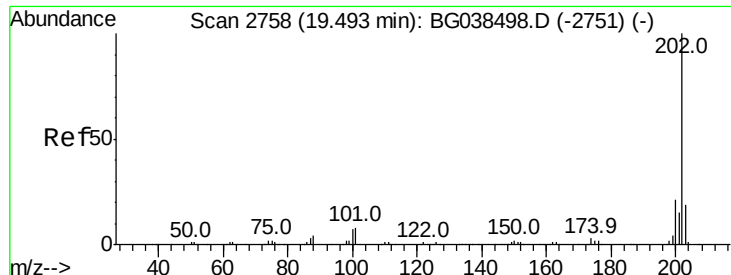
Sohil
 12/13/2018 6:08:15 PM



#74
 Di-n-butylphthalate
 Concen: 52.287 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. -0.00 min
 Lab File: BG038529.D
 Acq: 13 Dec 2018 12:48

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.8	7.6	11.4	
104	5.6	5.0	7.4	





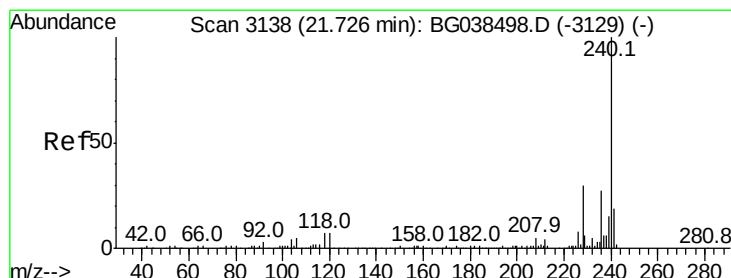
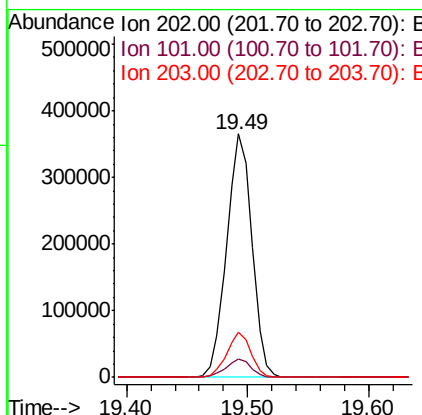
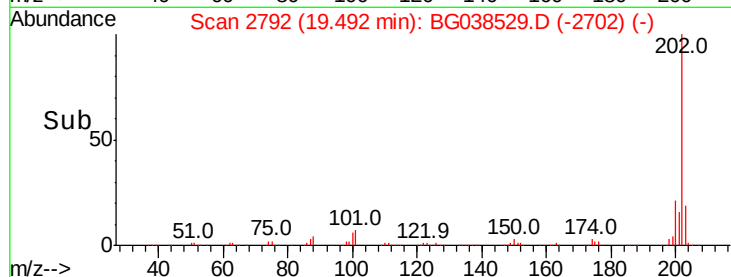
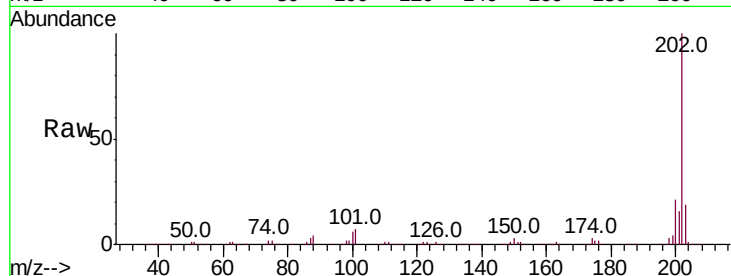
#75
 Fluoranthene
 Concen: 54.024 ng
 RT: 19.49 min Scan# 2792
 Delta R.T. -0.00 min
 Lab File: BG038529.D
 Acq: 13 Dec 2018 12:48

Instrument :
 BNA_G
 ClientSampleId :
 BF-01-120418MSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	7.4	0.0	28.1
203	18.6	0.0	39.0

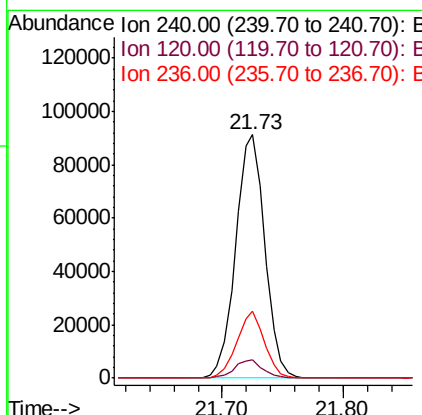
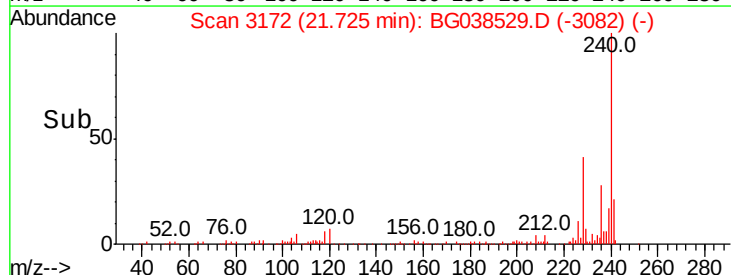
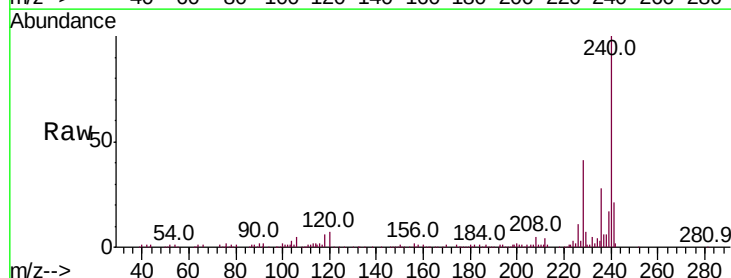
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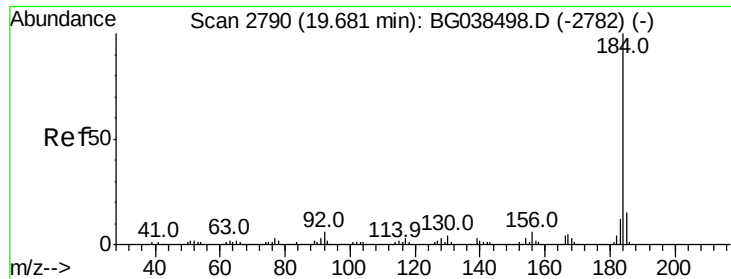
Sohil
 12/13/2018 6:08:15 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.73 min Scan# 3172
 Delta R.T. -0.00 min
 Lab File: BG038529.D
 Acq: 13 Dec 2018 12:48

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	7.3	5.3	7.9
236	27.6	21.4	32.2





#77

Benzidine

Concen: 28.417 ng

RT: 19.68 min Scan# 2824

Delta R.T. -0.00 min

Lab File: BG038529.D

Acq: 13 Dec 2018 12:48

Instrument :

BNA_G

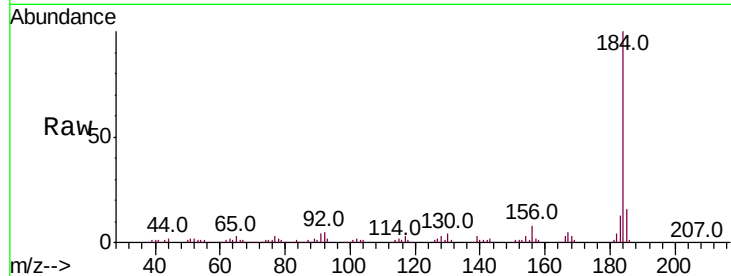
ClientSampleId :

BF-01-120418MSD

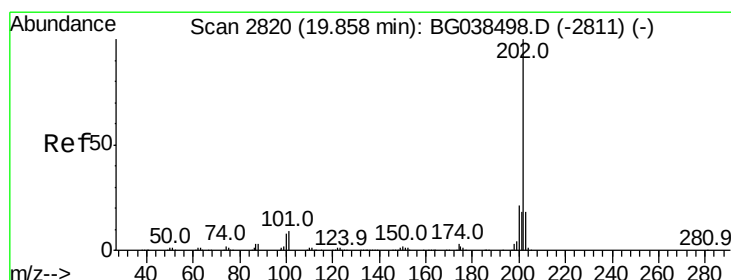
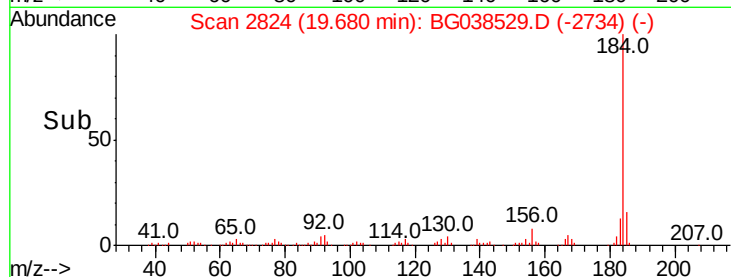
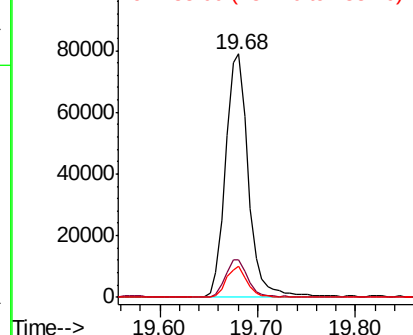
Tot Ion:	184	Resp:	128717
Ion Ratio	Lower	Upper	
184	100		
185	15.5	12.2	18.2
183	12.5	9.6	14.4

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 52.352 ng

RT: 19.86 min Scan# 2854

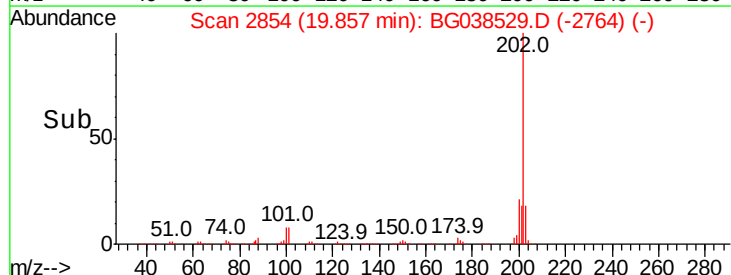
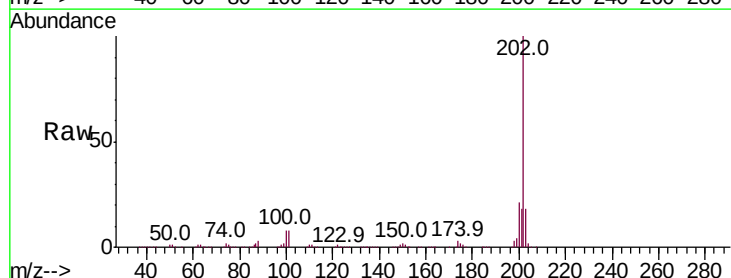
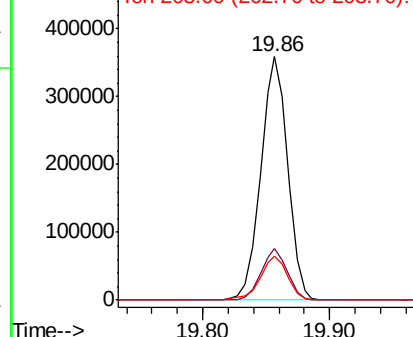
Delta R.T. -0.00 min

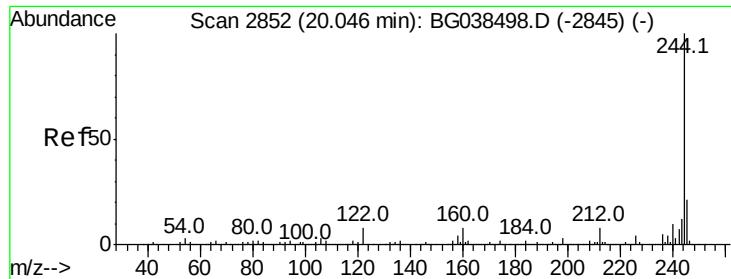
Lab File: BG038529.D

Acq: 13 Dec 2018 12:48

Tgt Ion:	202	Resp:	529709
Ion Ratio	Lower	Upper	
202	100		
200	21.0	16.6	25.0
203	18.0	14.6	21.8

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 111.786 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038529.D

Acq: 13 Dec 2018 12:48

Instrument :

BNA_G

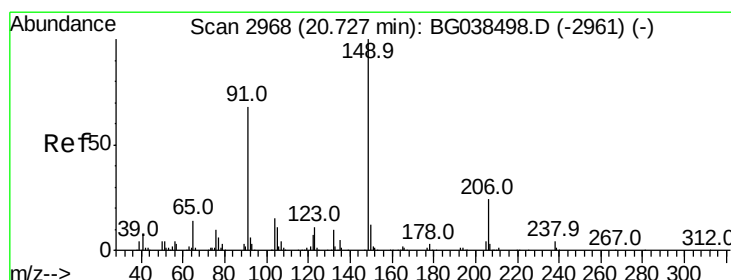
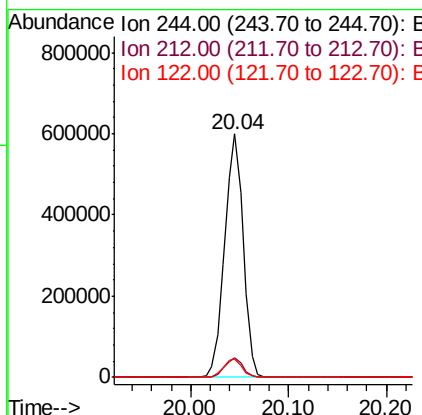
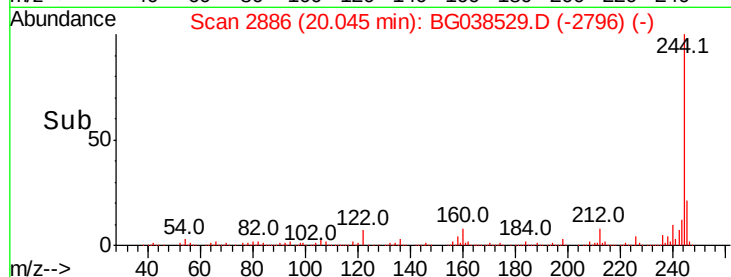
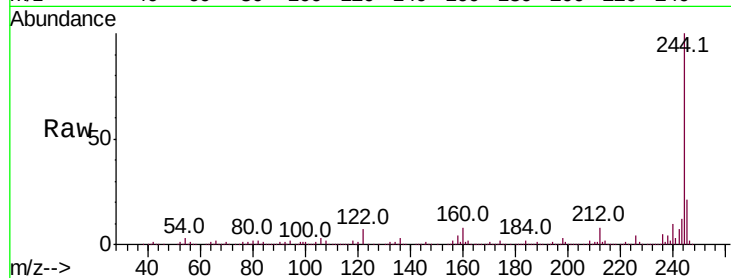
ClientSampleId :

BF-01-120418MSD

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	8.1	6.2	9.2	
122	7.4	6.3	9.5	

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#80

Butylbenzylphthalate

Concen: 53.774 ng

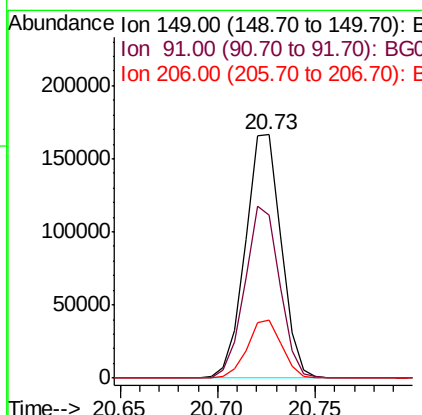
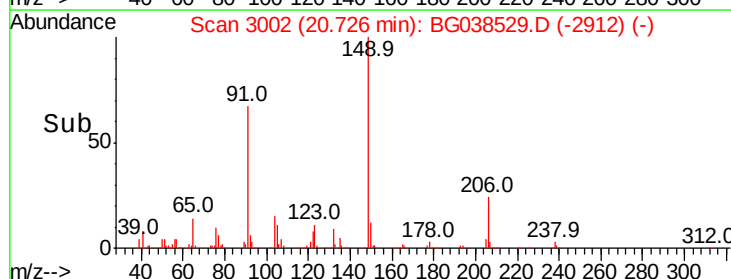
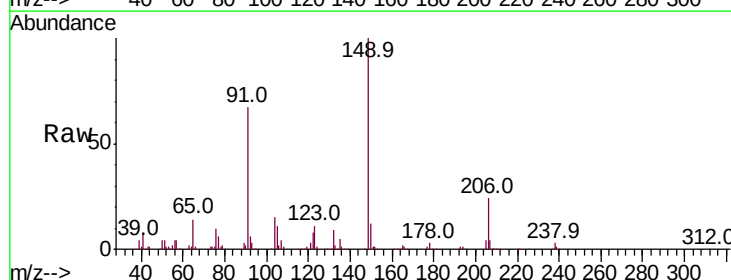
RT: 20.73 min Scan# 3002

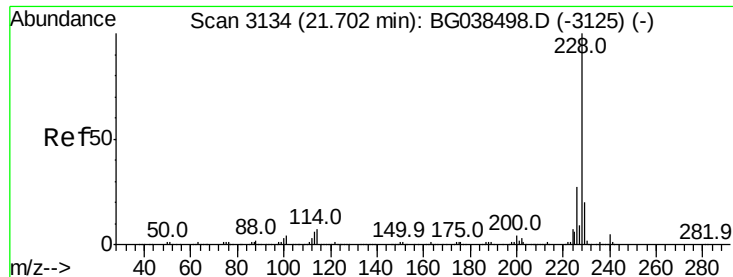
Delta R.T. -0.00 min

Lab File: BG038529.D

Acq: 13 Dec 2018 12:48

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
91	67.0	54.5	81.7	
206	23.6	19.0	28.6	





#81

Benzo(a)anthracene

Concen: 56.175 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BG038529.D

Acq: 13 Dec 2018 12:48

Instrument :

BNA_G

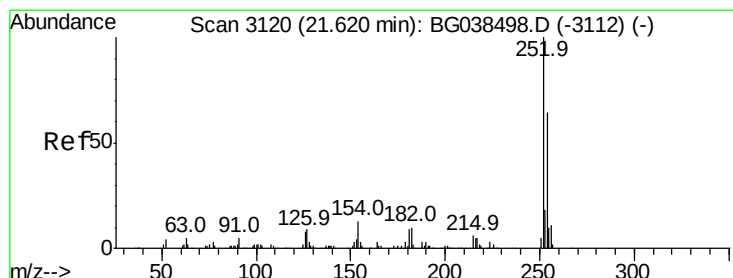
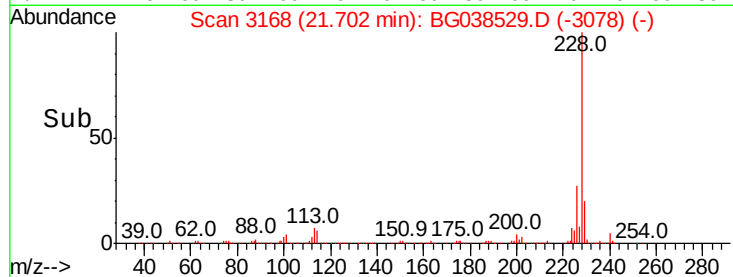
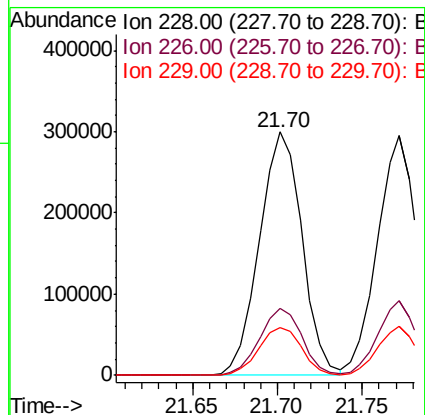
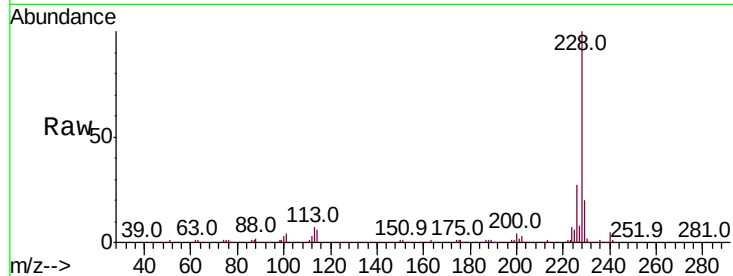
ClientSampleId :

BF-01-120418MSD

Tot Ion:	228	Resp:	524270
Ion Ratio	Lower	Upper	
228	100		
226	27.4	21.8	32.8
229	19.6	15.8	23.6

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 24.404 ng

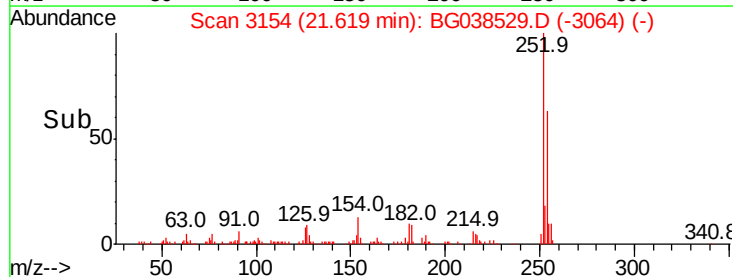
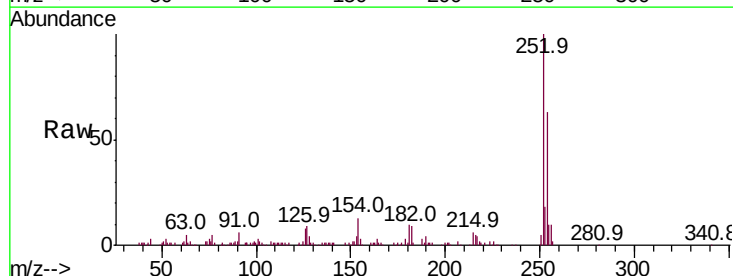
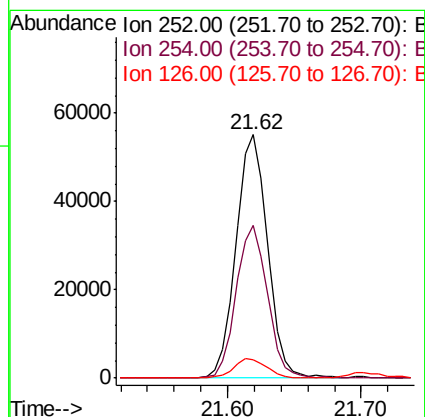
RT: 21.62 min Scan# 3154

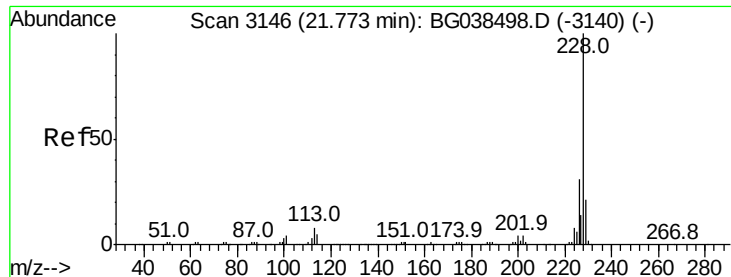
Delta R.T. -0.00 min

Lab File: BG038529.D

Acq: 13 Dec 2018 12:48

Tgt Ion:	252	Resp:	90331
Ion Ratio	Lower	Upper	
252	100		
254	62.9	50.9	76.3
126	7.7	6.3	9.5





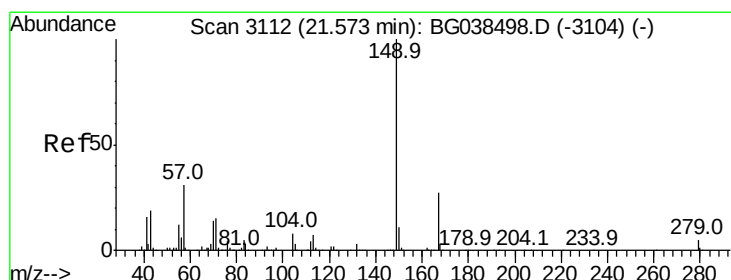
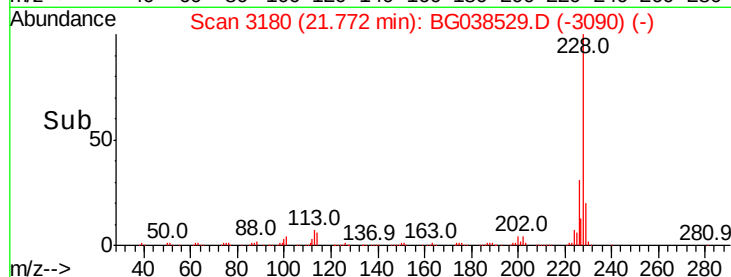
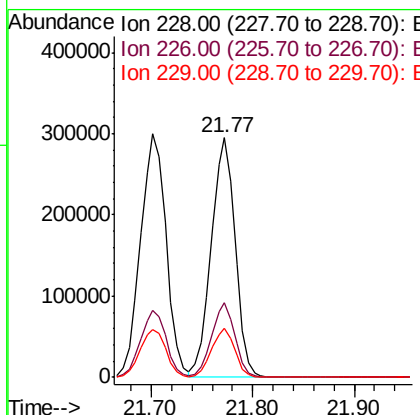
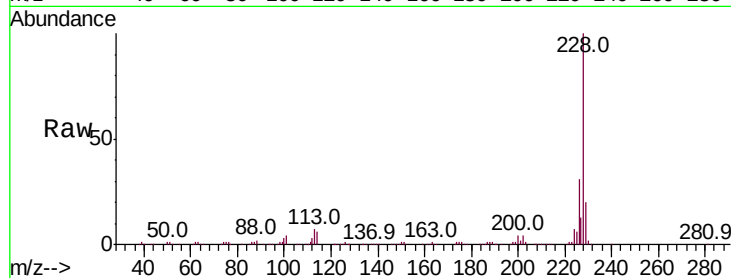
#83
 Chrysene
 Concen: 53.680 ng
 RT: 21.77 min Scan# 3180
 Delta R.T. -0.00 min
 Lab File: BG038529.D
 Acq: 13 Dec 2018 12:48

Instrument :
 BNA_G
 ClientSampleId :
 BF-01-120418MSD

Tot Ion:	228	Resp:	482552
Ion Ratio	Lower	Upper	
228	100		
226	30.9	25.0	37.4
229	20.5	16.5	24.7

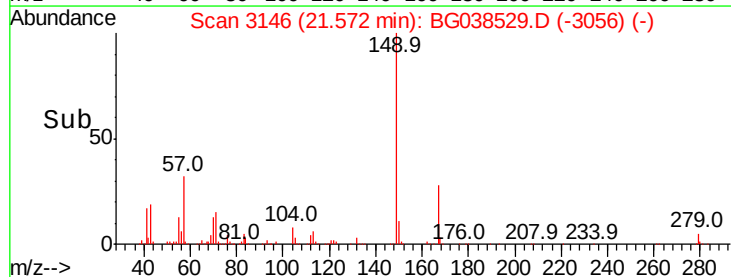
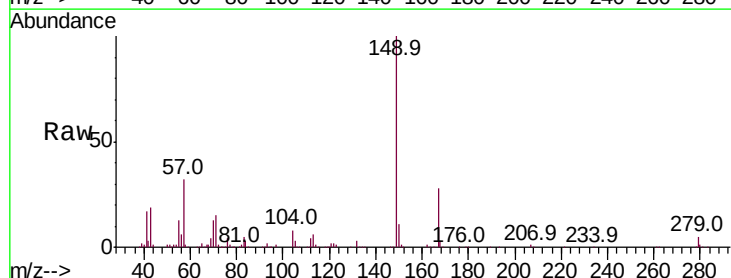
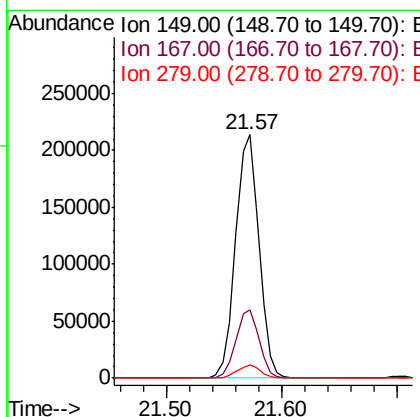
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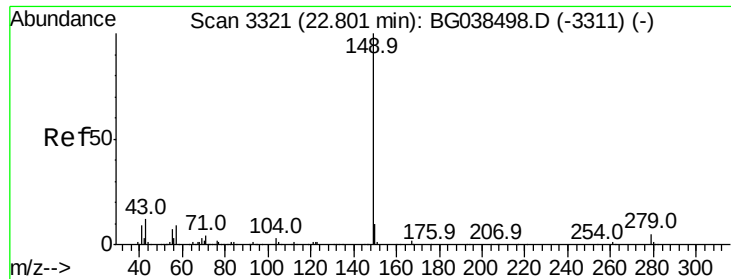
Sohil
 12/13/2018 6:08:15 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 53.339 ng
 RT: 21.57 min Scan# 3146
 Delta R.T. -0.00 min
 Lab File: BG038529.D
 Acq: 13 Dec 2018 12:48

Tgt Ion:	149	Resp:	299048
Ion Ratio	Lower	Upper	
149	100		
167	28.2	21.9	32.9
279	5.3	4.2	6.2





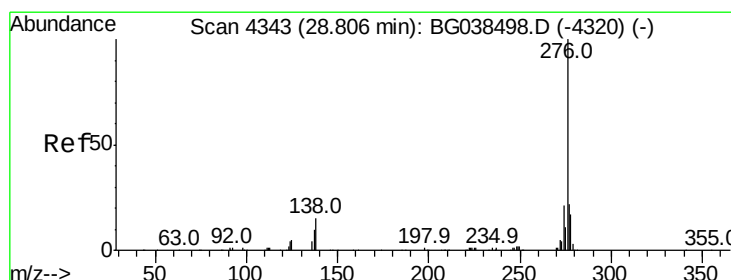
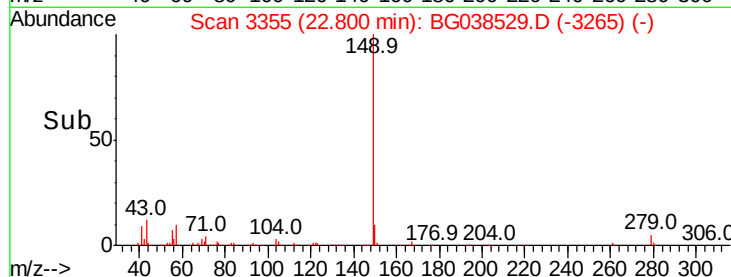
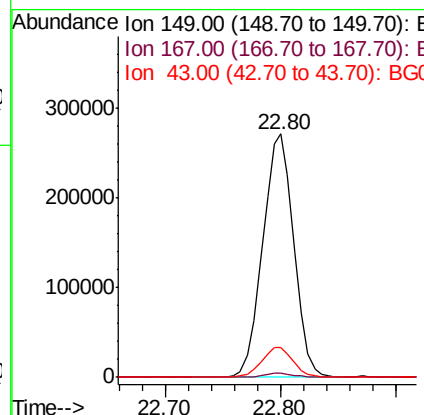
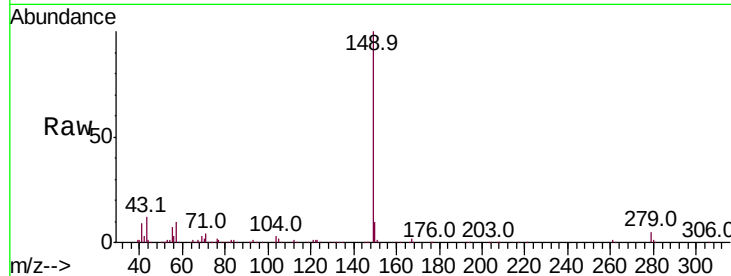
#85
Di-n-octyl phthalate
Concen: 53.951 ng
RT: 22.80 min Scan# 3355
Delta R.T. -0.00 min
Lab File: BG038529.D
Acq: 13 Dec 2018 12:48

Instrument :
BNA_G
ClientSampleId :
BF-01-120418MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	506578		
167	1.6	1.2	1.8	
43	12.4	9.3	13.9	

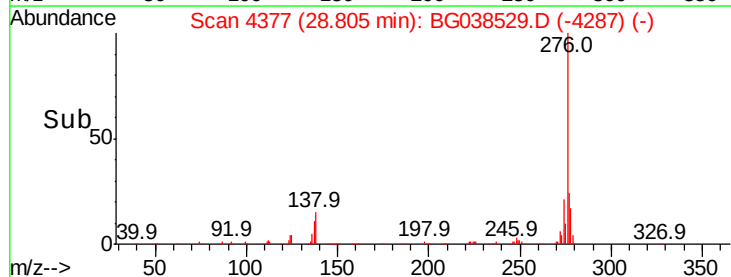
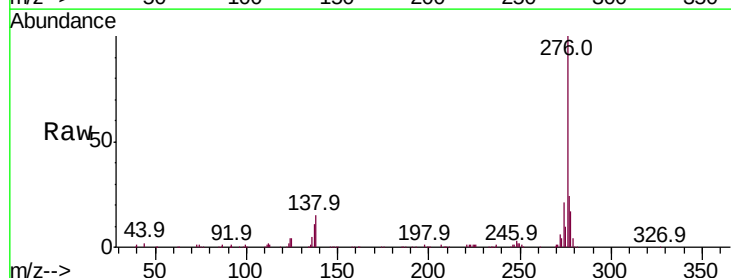
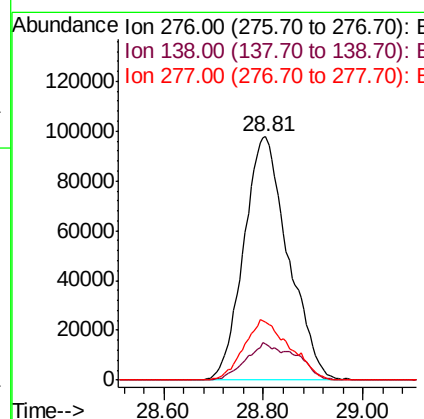
Manual Integrations
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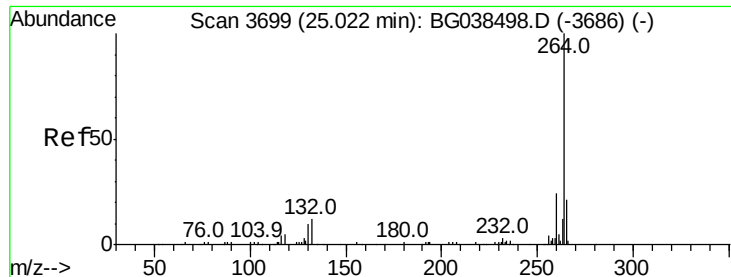
Sohil
12/13/2018 6:08:15 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 57.222 ng
RT: 28.81 min Scan# 4377
Delta R.T. -0.00 min
Lab File: BG038529.D
Acq: 13 Dec 2018 12:48

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	604746		
138	17.2	14.4	21.6	
277	25.6	0.0	0.0#	





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.02 min Scan# 3733

Delta R.T. -0.00 min

Lab File: BG038529.D

Acq: 13 Dec 2018 12:48

Instrument :

BNA_G

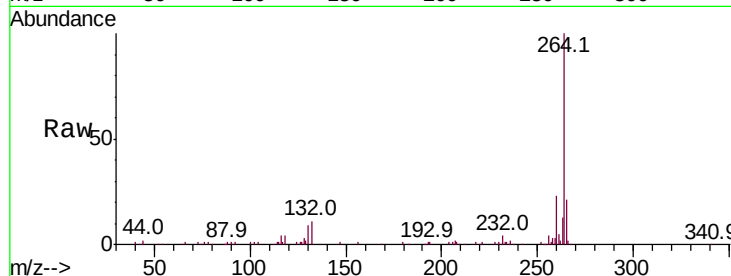
ClientSampleId :

BF-01-120418MSD

Tot Ion:	264	Resp:	168296
Ion Ratio		Lower	Upper
264	100		
260	22.7	18.9	28.3
265	20.8	17.0	25.4

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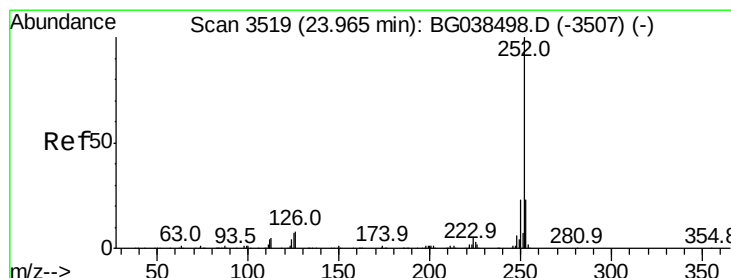
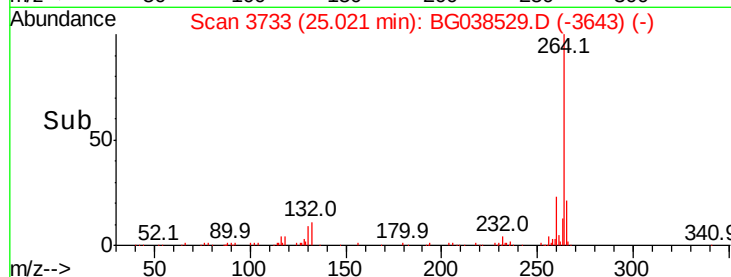
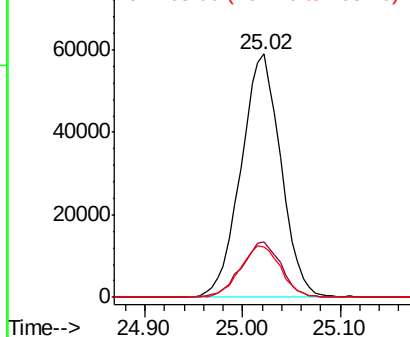


Abundance

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: 56.814 ng

RT: 23.96 min Scan# 3553

Delta R.T. -0.00 min

Lab File: BG038529.D

Acq: 13 Dec 2018 12:48

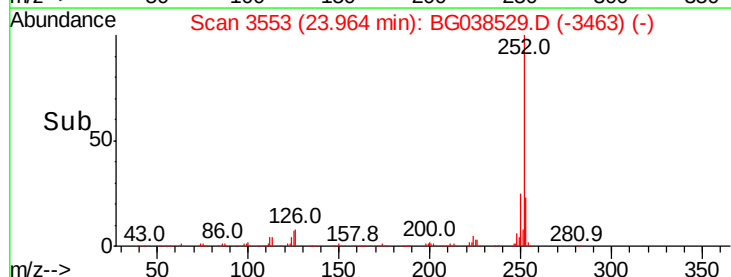
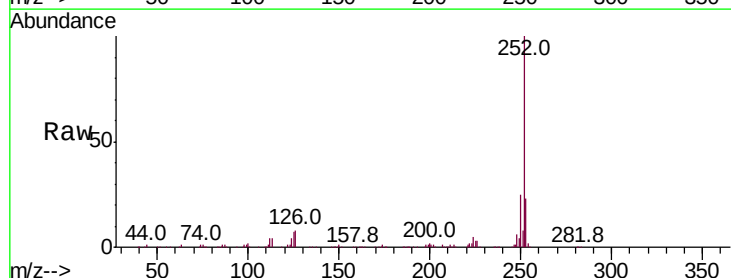
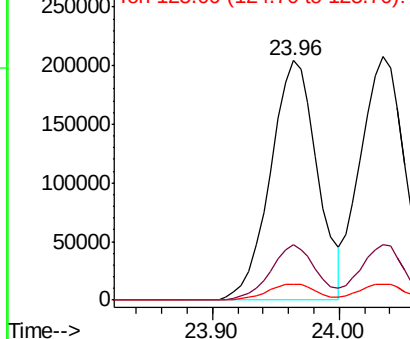
Tgt Ion:	252	Resp:	524968
Ion Ratio		Lower	Upper
252	100		
253	22.9	18.1	27.1
125	6.5	5.5	8.3

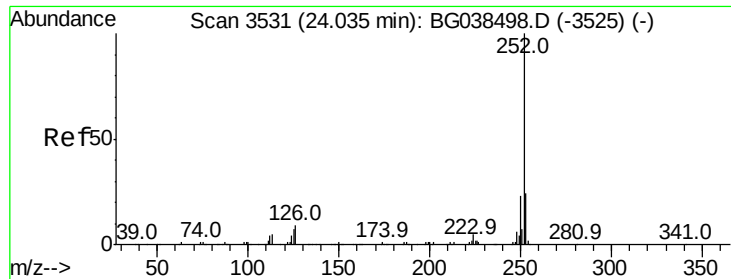
Abundance

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





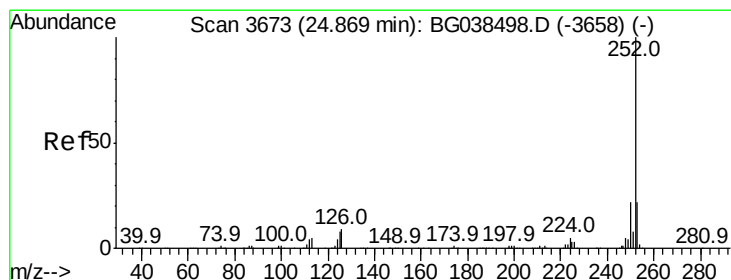
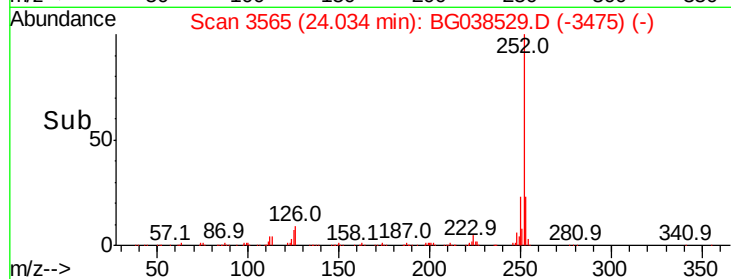
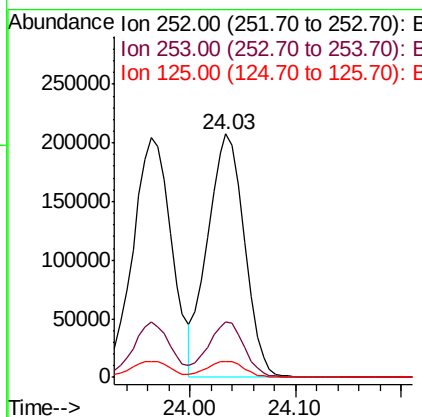
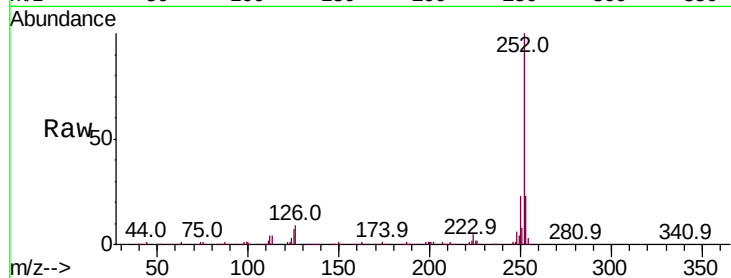
#89
Benzo(k)fluoranthene
Concen: 54.567 ng
RT: 24.03 min Scan# 3565
Delta R.T. -0.00 min
Lab File: BG038529.D
Acq: 13 Dec 2018 12:48

Instrument :
BNA_G
ClientSampleId :
BF-01-120418MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.9	28.3
125	6.6	5.4	8.2

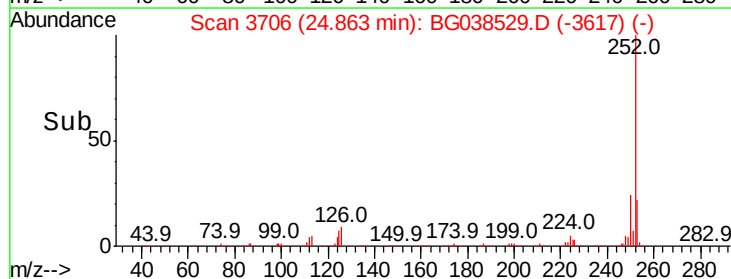
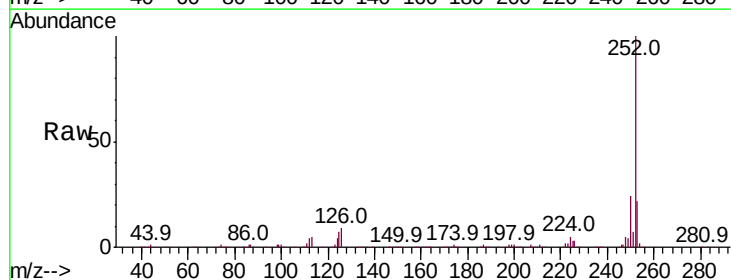
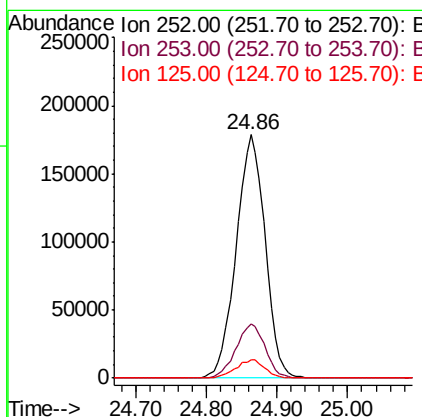
Manual Integrations
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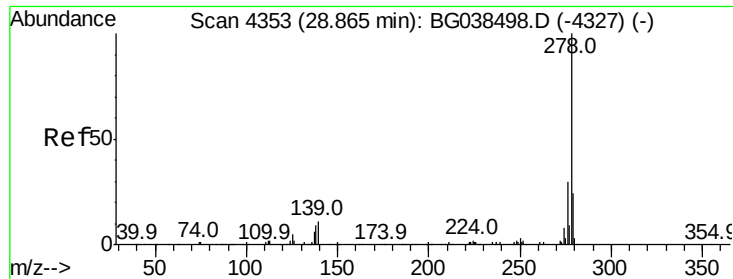
Sohil
12/13/2018 6:08:15 PM



#90
Benzo(a)pyrene
Concen: 57.001 ng
RT: 24.86 min Scan# 3706
Delta R.T. -0.01 min
Lab File: BG038529.D
Acq: 13 Dec 2018 12:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.0
125	7.3	6.4	9.6





#91

Dibenzo(a,h)anthracene

Concen: 56.228 ng

RT: 28.87 min Scan# 4388

Delta R.T. 0.01 min

Lab File: BG038529.D

Acq: 13 Dec 2018 12:48

Instrument :

BNA_G

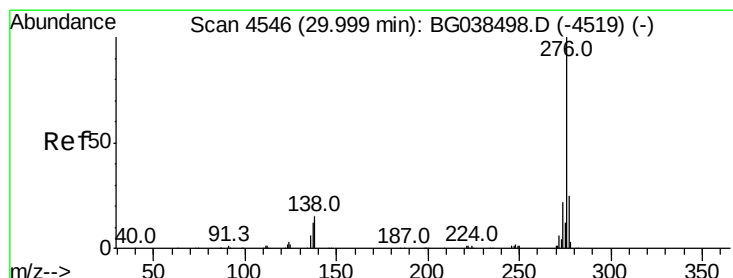
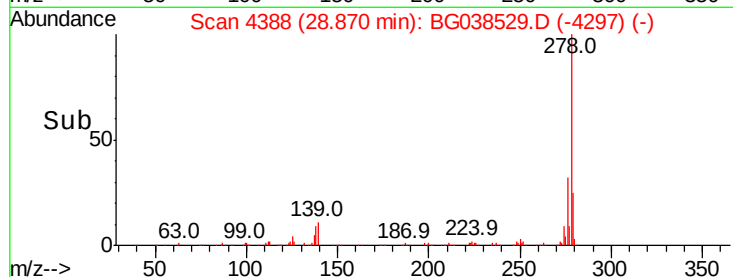
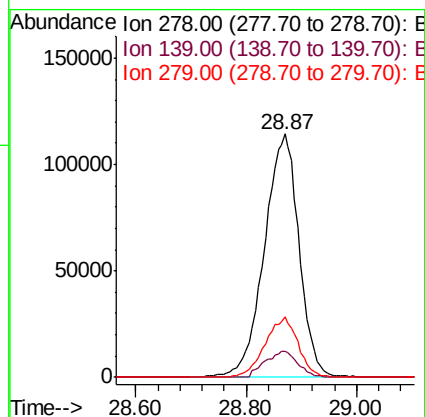
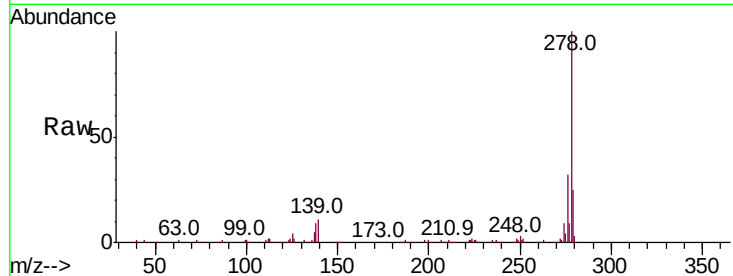
ClientSampleId :

BF-01-120418MSD

Tot Ion:	278	Resp:	499071
Ion Ratio	Lower	Upper	
278	100		
139	10.9	8.6	12.8
279	24.7	19.0	28.6

Manual Integrations
APPROVED

Sohil
12/13/2018 6:08:15 PM



#92

Benzo(g,h,i)perylene

Concen: 57.497 ng

RT: 30.00 min Scan# 4580

Delta R.T. -0.00 min

Lab File: BG038529.D

Acq: 13 Dec 2018 12:48

Tgt Ion:	276	Resp:	502928
Ion Ratio	Lower	Upper	
276	100		
277	25.5	19.8	29.8
138	13.7	11.8	17.6

