

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012120\
 Data File : BG044138.D
 Acq On : 21 Jan 2020 17:59
 Operator : JU
 Sample : L1211-03MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B1-15-30MSD

Manual Integrations
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 1/23/2020 7:58:21 AM

Quant Time: Jan 22 07:13:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	88274	20.00	ng	-0.03
21) Naphthalene-d8	10.73	136	388049	20.00	ng	-0.03
39) Acenaphthene-d10	14.57	164	258021	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	537785	20.00	ng	-0.02
76) Chrysene-d12	21.56	240	449227	20.00	ng	-0.03
87) Perylene-d12	24.66	264	515396	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	759657	158.01	ng	-0.03
7) Phenol-d6	7.11	99	1014052	150.90	ng	-0.02
23) Nitrobenzene-d5	9.09	82	611723	84.33	ng	-0.03
42) 2,4,6-Tribromophenol	16.06	330	390019	144.44	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1329183	93.33	ng	-0.03
79) Terphenyl-d14	19.93	244	1855610	106.01	ng	-0.03

Target Compounds					Qvalue
2) 1,4-Dioxane	3.39	88	86476	41.253 ng	98
3) Pyridine	3.79	79	220969	35.683 ng	96
4) n-Nitrosodimethylamine	3.70	42	117942	42.778 ng	98
6) Aniline	7.25	93	217723	24.666 ng	99
8) 2-Chlorophenol	7.49	128	298144	52.824 ng	98
9) Benzaldehyde	7.06	77	147467	34.286 ng	98
10) Phenol	7.13	94	378660	54.688 ng	99
11) bis(2-Chloroethyl)ether	7.35	93	266356	44.565 ng	99
12) 1,3-Dichlorobenzene	7.82	146	291741	44.172 ng	98
13) 1,4-Dichlorobenzene	7.97	146	295571	45.356 ng	99
14) 1,2-Dichlorobenzene	8.29	146	279365	44.662 ng	99
15) Benzyl Alcohol	8.16	79	248006	46.761 ng	98
16) 2,2'-oxybis(1-Chloropropan	8.46	45	365211	39.496 ng	98
17) 2-Methylphenol	8.38	107	255055	50.903 ng	99
18) Hexachloroethane	9.02	117	110993	43.771 ng	94
19) n-Nitroso-di-n-propylamine	8.73	70	214655	42.891 ng	97
20) 3+4-Methylphenols	8.71	107	353717	50.604 ng	96
22) Acetophenone	8.75	105	402164	41.687 ng	# 98
24) Nitrobenzene	9.13	77	308975	43.007 ng	99
25) Isophorone	9.66	82	592289	43.522 ng	99
26) 2-Nitrophenol	9.84	139	167341	49.232 ng	98
27) 2,4-Dimethylphenol	9.91	122	283798	55.467 ng	98
28) bis(2-Chloroethoxy)methane	10.14	93	375929	41.435 ng	98
29) 2,4-Dichlorophenol	10.39	162	297957	48.820 ng	98
30) 1,2,4-Trichlorobenzene	10.60	180	290017	42.381 ng	99
31) Naphthalene	10.78	128	862289	45.920 ng	99
32) Benzoic acid	10.07	122	146802	36.898 ng	93
33) 4-Chloroaniline	10.89	127	118261	13.204 ng	97
34) Hexachlorobutadiene	11.08	225	169566	40.584 ng	98
35) Caprolactam	11.66	113	114606m	50.442 ng	
36) 4-Chloro-3-methylphenol	12.02	107	323803	49.837 ng	98
37) 2-Methylnaphthalene	12.39	142	656443	46.433 ng	97
38) 1-Methylnaphthalene	12.61	142	625586	46.689 ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.77	216	310364	41.039 ng	98

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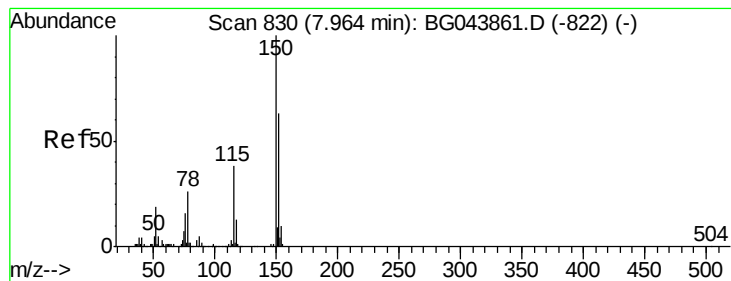
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.75	237	388795	99.164	nq	98
43) 2,4,6-Trichlorophenol	13.00	196	241931	46.492	nq	100
44) 2,4,5-Trichlorophenol	13.08	196	258976	48.254	nq	99
46) 1,1'-Biphenyl	13.40	154	830077	44.870	nq	99
47) 2-Chloronaphthalene	13.44	162	646911	43.275	nq	99
48) 2-Nitroaniline	13.64	65	204836	42.597	nq	97
49) Acenaphthylene	14.29	152	1037536	48.289	nq	98
50) Dimethylphthalate	14.02	163	919536	50.192	nq	99
51) 2,6-Dinitrotoluene	14.13	165	194225	46.904	nq	97
52) Acenaphthene	14.63	154	643854	42.730	nq	97
53) 3-Nitroaniline	14.46	138	110198	23.435	nq	97
54) 2,4-Dinitrophenol	14.67	184	165260	78.452	nq	97
55) Dibenzofuran	14.97	168	986941	47.580	nq	98
56) 4-Nitrophenol	14.79	139	347805	96.521	nq	98
57) 2,4-Dinitrotoluene	14.93	165	266650	47.325	nq	99
58) Fluorene	15.61	166	778421	47.347	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.20	232	223932	48.523	nq	97
60) Diethylphthalate	15.39	149	854829	46.651	nq	99
61) 4-Chlorophenyl-phenylether	15.61	204	405289	45.399	nq	97
62) 4-Nitroaniline	15.63	138	188846	40.668	nq	96
63) Azobenzene	15.90	77	788549	46.403	nq	98
65) 4,6-Dinitro-2-methylphenol	15.69	198	146691	52.490	nq	99
66) n-Nitrosodiphenylamine	15.82	169	727852	45.959	nq	100
67) 4-Bromophenyl-phenylether	16.50	248	265594	43.911	nq	98
68) Hexachlorobenzene	16.63	284	283656	43.523	nq	96
69) Atrazine	16.77	200	270443	52.535	nq	99
70) Pentachlorophenol	16.97	266	304534	84.764	nq	99
71) Phenanthrene	17.35	178	1202565	46.620	nq	98
72) Anthracene	17.44	178	1230398	48.265	nq	98
73) Carbazole	17.71	167	1103494	46.861	nq	97
74) Di-n-butylphthalate	18.28	149	1361356	45.280	nq	97
75) Fluoranthene	19.36	202	1366457	46.320	nq	97
77) Benzidine	19.54	184	430000	38.081	nq	97
78) Pyrene	19.72	202	1368563	46.672	nq	97
80) Butylbenzylphthalate	20.61	149	643666	46.107	nq	96
81) Benzo(a)anthracene	21.54	228	1306096	46.889	nq	97
82) 3,3'-Dichlorobenzidine	21.46	252	275577	25.041	nq	100
83) Chrysene	21.60	228	1240309	46.861	nq	97
84) Bis(2-ethylhexyl)phthalate	21.46	149	898905	46.666	nq	97
85) Di-n-octyl phthalate	22.64	149	1569276	48.459	nq	97
86) Indeno(1,2,3-cd)pyrene	28.19	276	1626435	45.216	nq	100
88) Benzo(b)fluoranthene	23.68	252	1381439	45.339	nq	99
89) Benzo(k)fluoranthene	23.75	252	1341425	46.298	nq	98
90) Benzo(a)pyrene	24.52	252	1281394	44.559	nq	97
91) Dibenzo(a,h)anthracene	28.25	278	1334741	46.215	nq	97
92) Benzo(g,h,i)perylene	29.29	276	1357192	47.309	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.93 min Scan# 824

Delta R.T. -0.03 min

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Instrument :

BNA_G

ClientSampleId :

B1-15-30MSD

Tot Ion:152 Resp: 88274

Ion Ratio Lower Upper

152 100

150 153.0 127.0 190.4

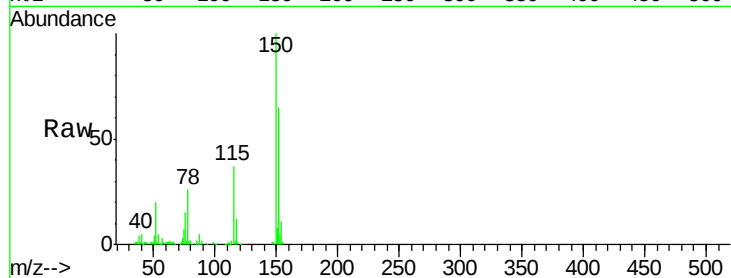
115 57.2 47.8 71.8

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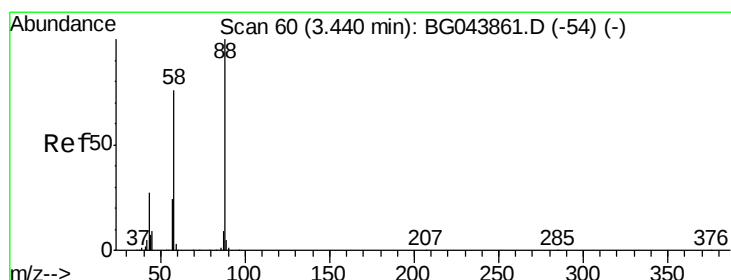
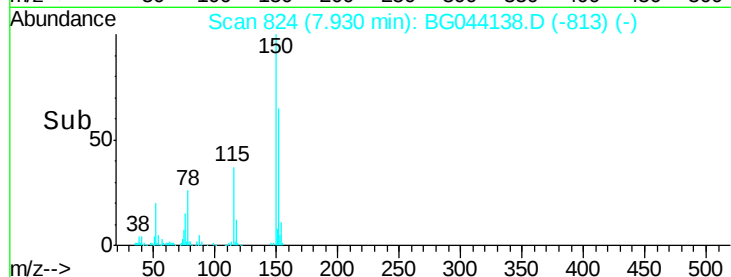
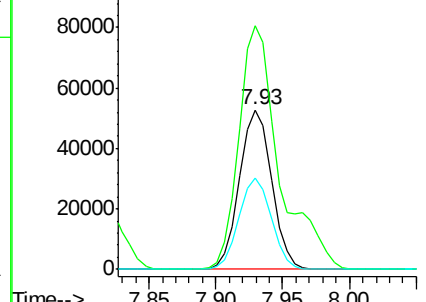
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 41.253 ng

RT: 3.39 min Scan# 52

Delta R.T. -0.05 min

Lab File: BG044138.D

Acq: 21 Jan 2020 17:59

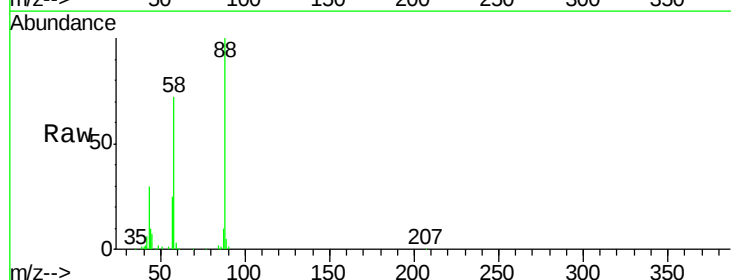
Tgt Ion: 88 Resp: 86476

Ion Ratio Lower Upper

88 100

58 72.2 59.8 89.8

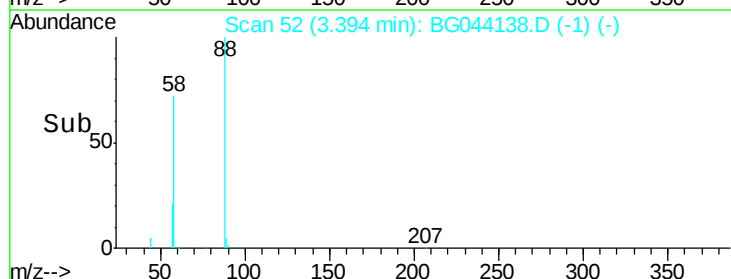
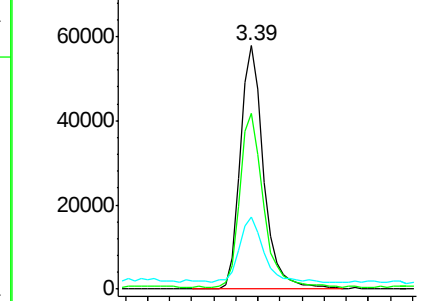
43 28.4 22.9 34.3

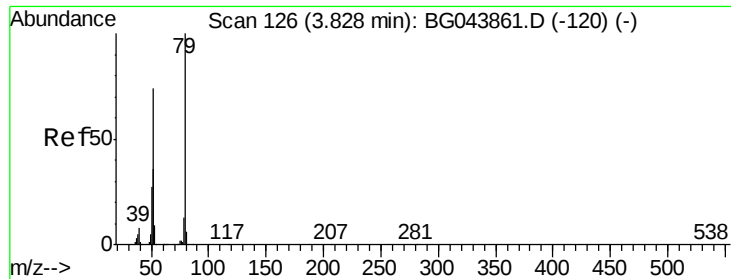


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 35.683 ng

RT: 3.79 min Scan# 119

Delta R.T. -0.04 min

Lab File: BG044138.D

Acq: 21 Jan 2020 17:59

Instrument :

BNA_G

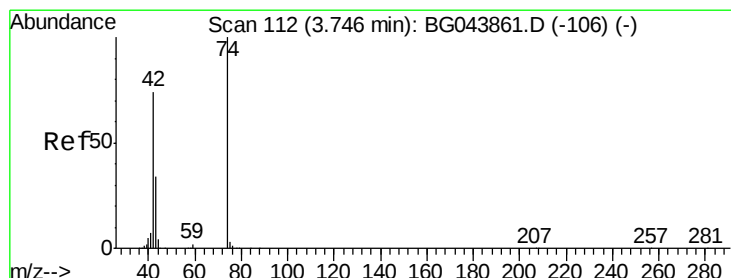
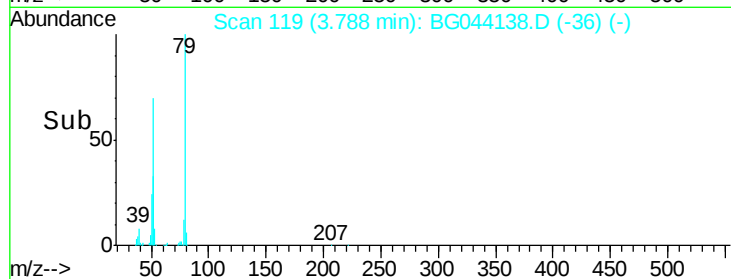
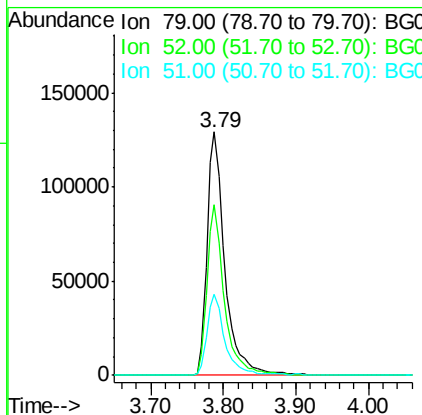
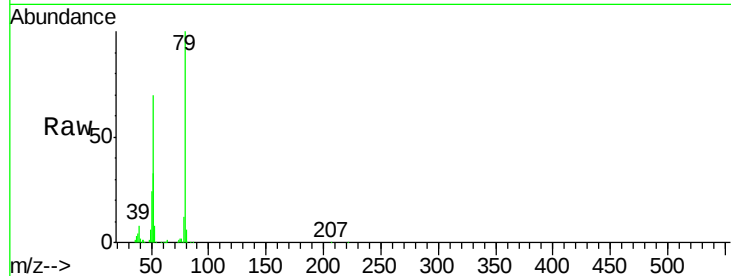
ClientSampleId :

B1-15-30MSD

Tot Ion:	79	Resp:	220969
Ion Ratio	Lower	Upper	
79	100		
52	70.0	58.9	88.3
51	33.1	28.6	43.0

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#4

n-Nitrosodimethylamine

Concen: 42.778 ng

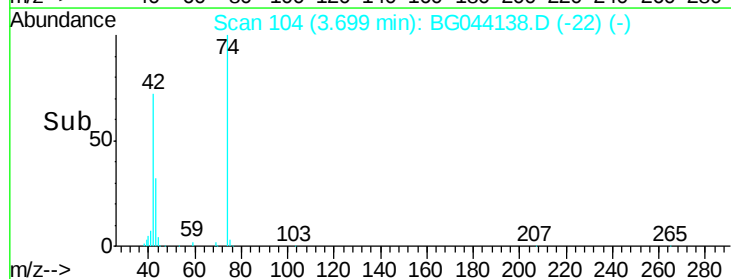
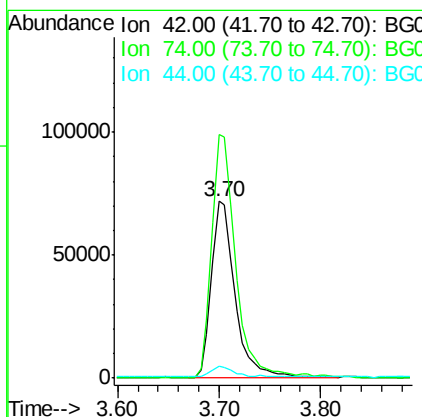
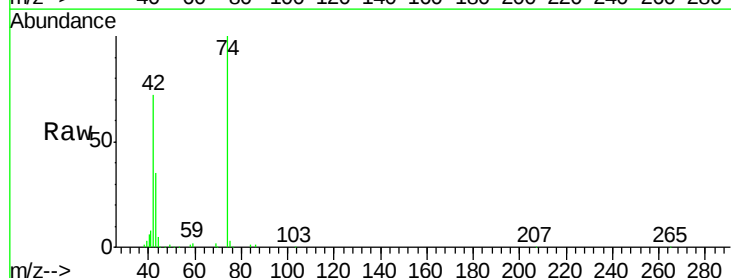
RT: 3.70 min Scan# 104

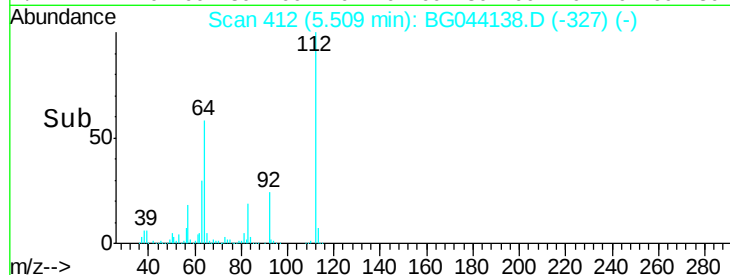
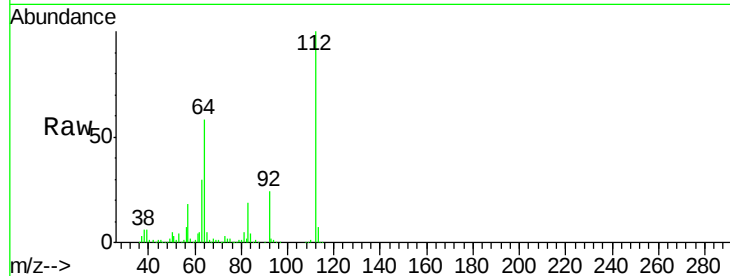
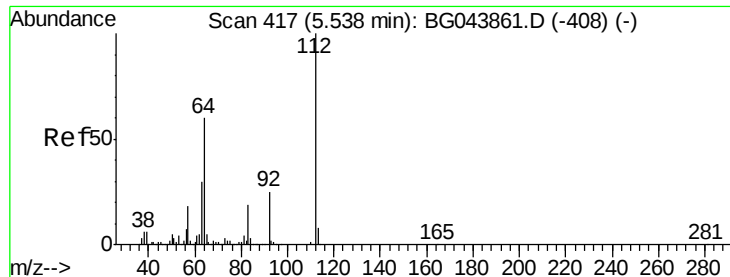
Delta R.T. -0.05 min

Lab File: BG044138.D

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Tgt Ion:	42	Resp:	117942
Ion Ratio	Lower	Upper	
42	100		
74	138.0	108.6	162.8
44	6.8	5.0	7.6





#5

2-Fluorophenol

Concen: 158.010 ng

RT: 5.51 min Scan# 412

Delta R.T. -0.03 min

Lab File: BG044138.D

Acq: 21 Jan 2020 17:59

Tot Ion	Ratio	Resp	Lower	Upper
112	100	759657		
64	58.4		47.8	71.6
63	30.2		24.3	36.5

Instrument :

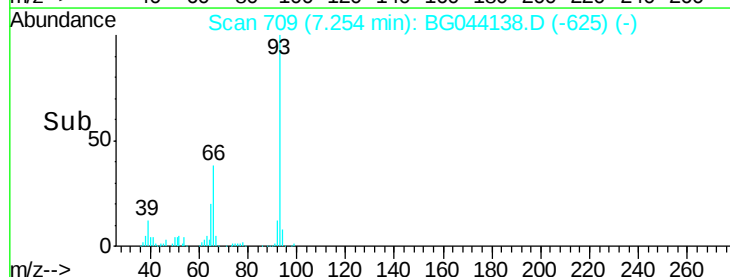
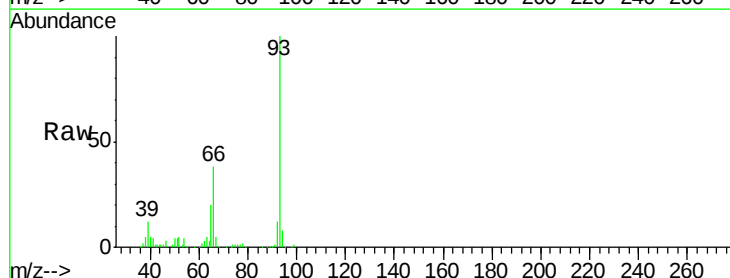
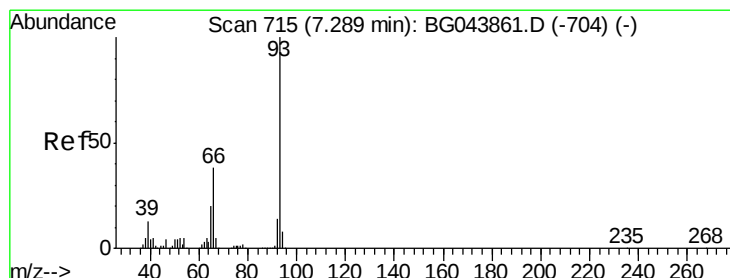
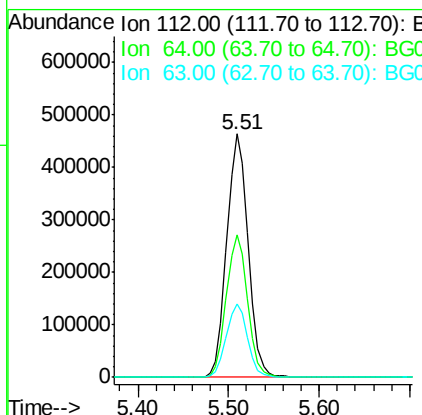
BNA_G

ClientSampleId :

B1-15-30MSD

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#6

Aniline

Concen: 24.666 ng

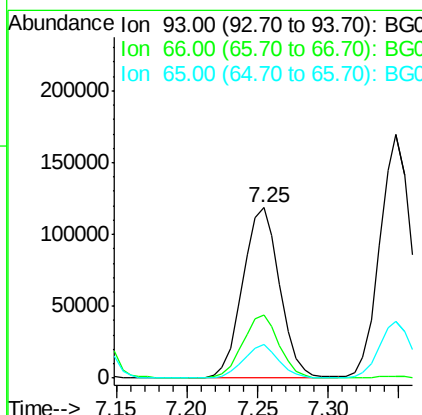
RT: 7.25 min Scan# 709

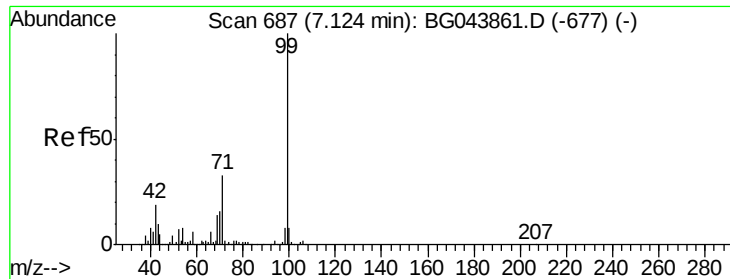
Delta R.T. -0.03 min

Lab File: BG044138.D

Acq: 21 Jan 2020 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	217723		
66	37.5		30.8	46.2
65	19.7		16.0	24.0





#7

Phenol-d6

Concen: 150.896 ng

RT: 7.11 min Scan# 684

Delta R.T. -0.02 min

Lab File: BG044138.D

Acq: 21 Jan 2020 17:59

Instrument :

BNA_G

ClientSampleId :

B1-15-30MSD

Tot Ion: 99 Resp: 1014052

Ion Ratio Lower Upper

99 100

42 18.8 14.9 22.3

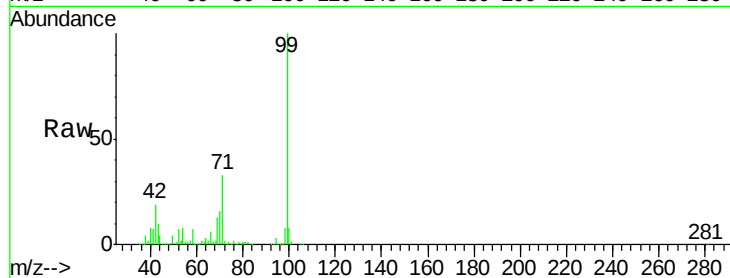
71 33.3 26.4 39.6

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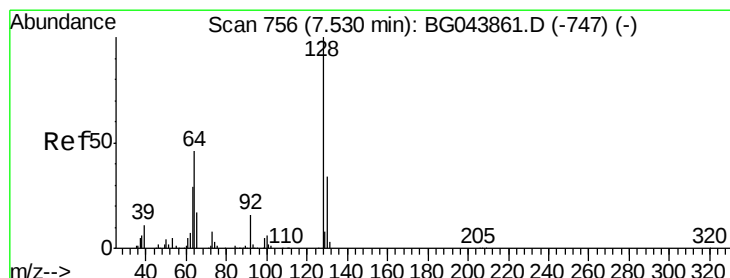
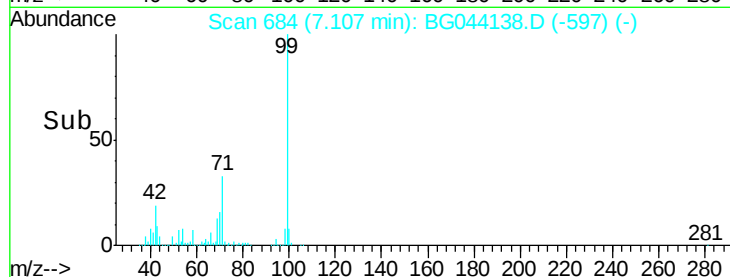
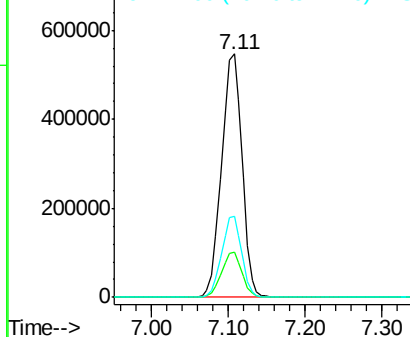
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 52.824 ng

RT: 7.49 min Scan# 750

Delta R.T. -0.03 min

Lab File: BG044138.D

Acq: 21 Jan 2020 17:59

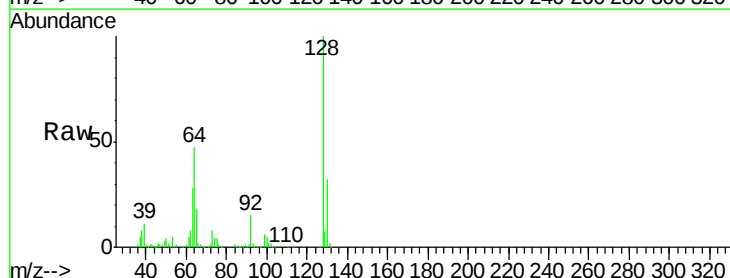
Tgt Ion: 128 Resp: 298144

Ion Ratio Lower Upper

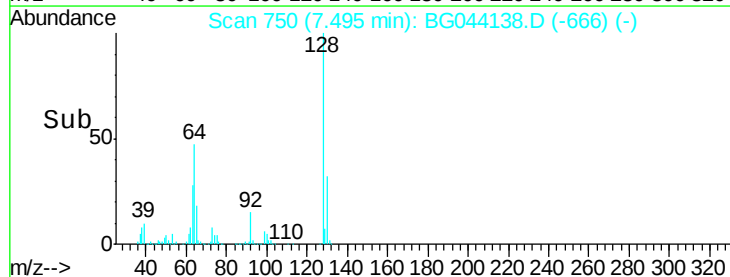
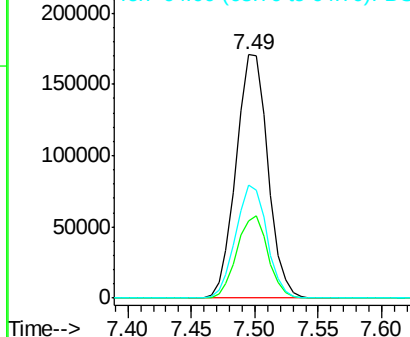
128 100

130 31.7 13.8 53.8

64 46.7 27.6 67.6



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





#9

Benzaldehyde

Concen: 34.286 ng

RT: 7.06 min Scan# 676

Delta R.T. -0.03 min

Lab File: BG044138.D

Acq: 21 Jan 2020 17:59

Instrument :

BNA_G

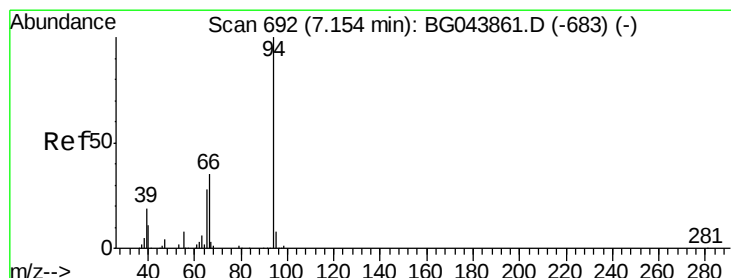
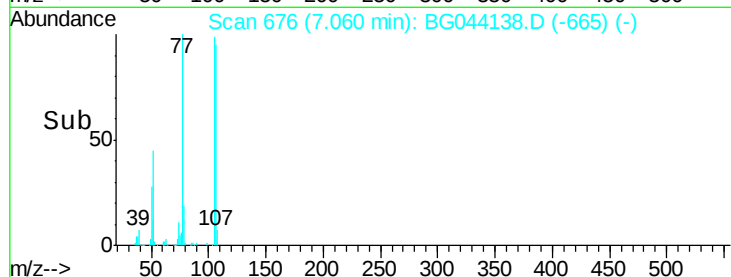
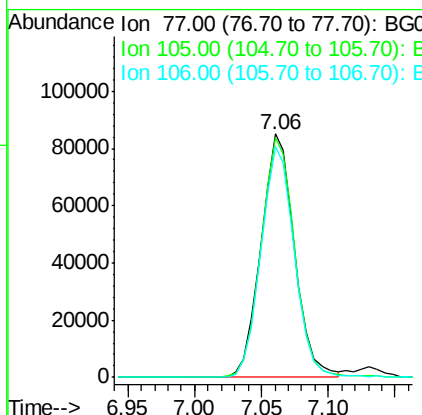
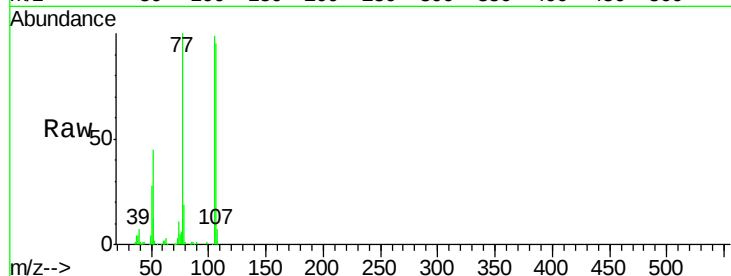
ClientSampleId :

B1-15-30MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	98.7	80.2	120.2
106	94.8	77.2	117.2

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#10

Phenol

Concen: 54.688 ng

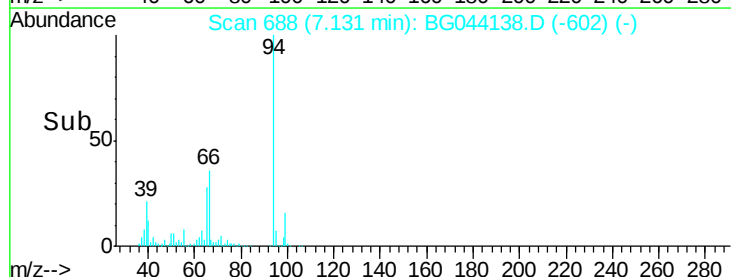
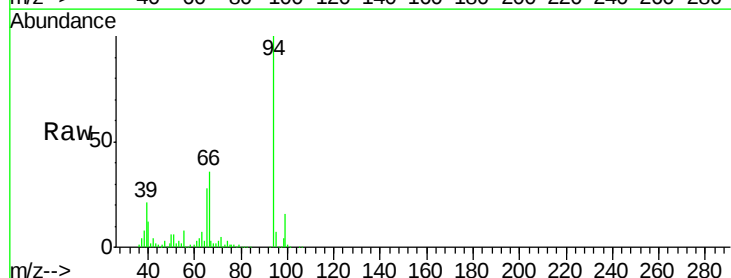
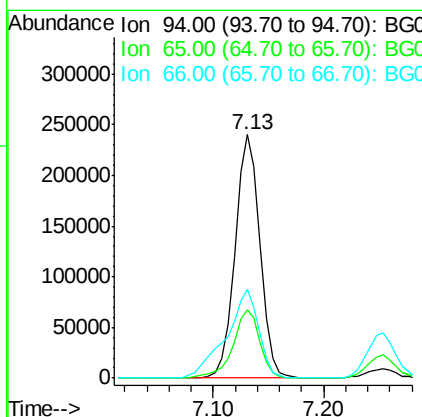
RT: 7.13 min Scan# 688

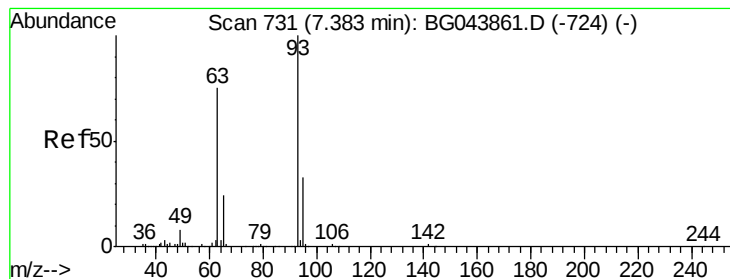
Delta R.T. -0.02 min

Lab File: BG044138.D

Acq: 21 Jan 2020 17:59

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.2	8.1	48.1
66	36.4	15.6	55.6





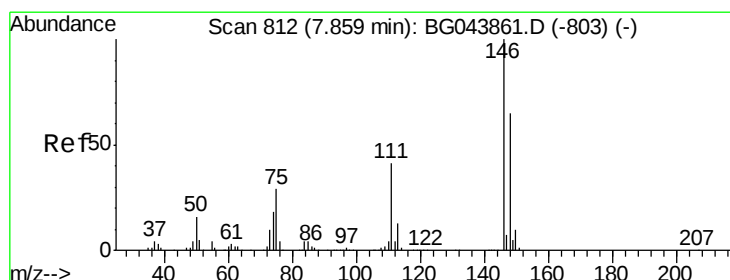
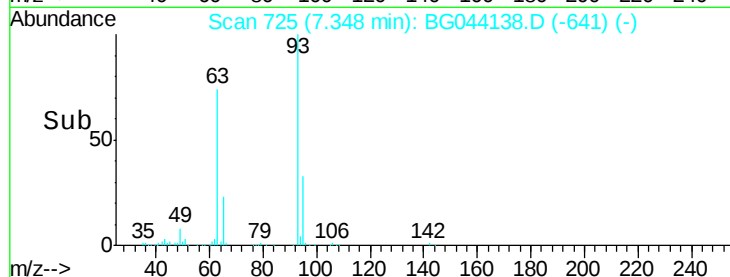
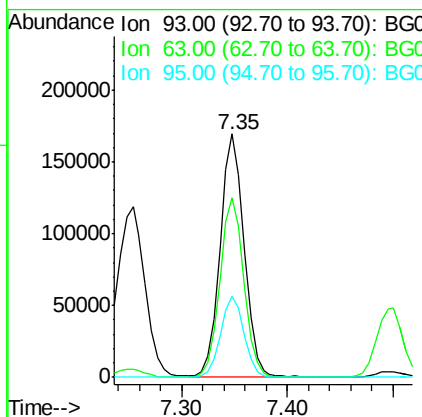
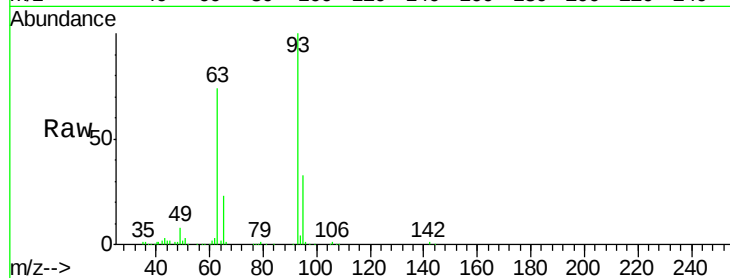
#11
bis(2-Chloroethyl)ether
Concen: 44.565 ng
RT: 7.35 min Scan# 725
Delta R.T. -0.03 min
Lab File: BG044138.D
Acq: 21 Jan 2020 17:59

Instrument :
BNA_G
ClientSampleId :
B1-15-30MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	266356		
63	73.7		55.0	95.0
95	33.1		13.3	53.3

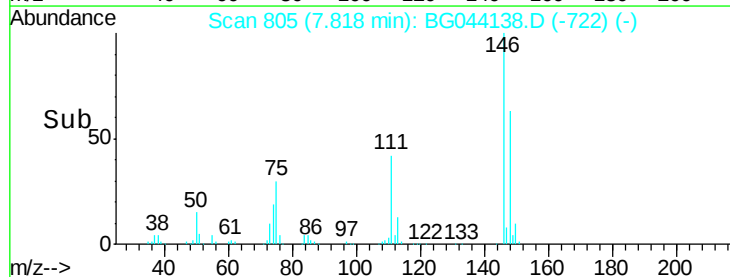
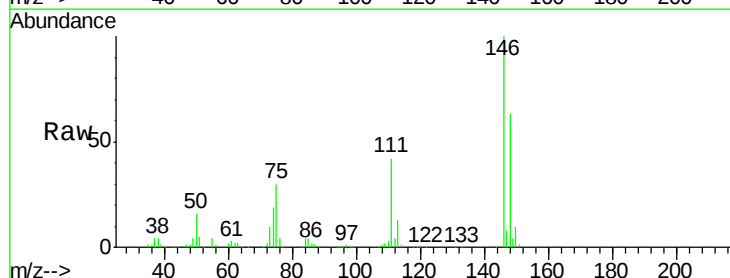
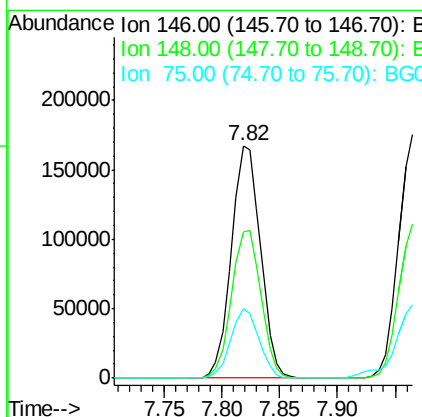
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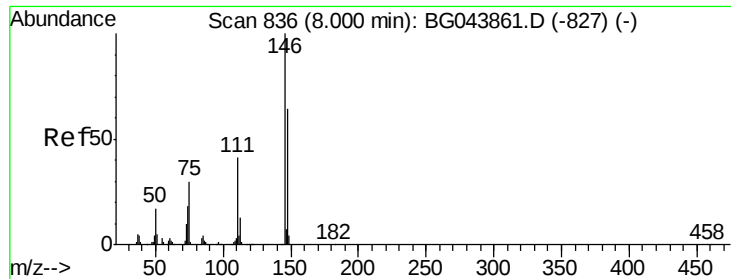
mohammad
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#12
1,3-Dichlorobenzene
Concen: 44.172 ng
RT: 7.82 min Scan# 805
Delta R.T. -0.04 min
Lab File: BG044138.D
Acq: 21 Jan 2020 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	291741		
148	63.1		52.1	78.1
75	30.0		23.0	34.4





#13

1,4-Dichlorobenzene

Concen: 45.356 ng

RT: 7.97 min Scan# 830

Delta R.T. -0.03 min

Lab File: BG044138.D

Acq: 21 Jan 2020 17:59

Instrument :

BNA_G

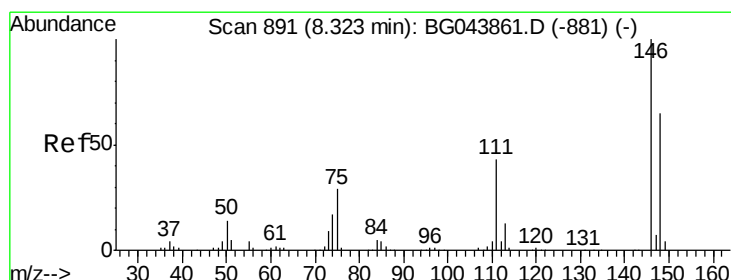
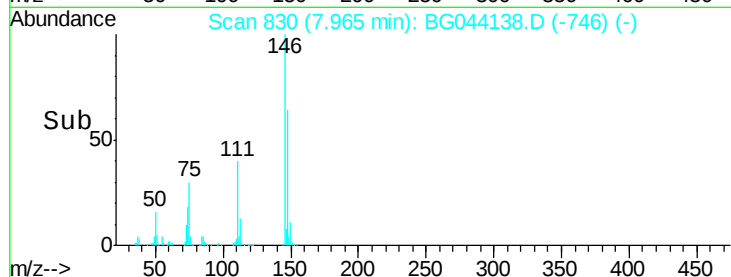
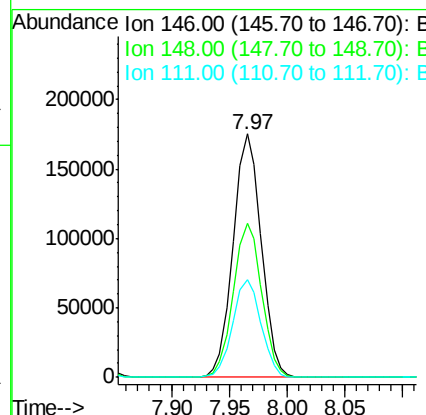
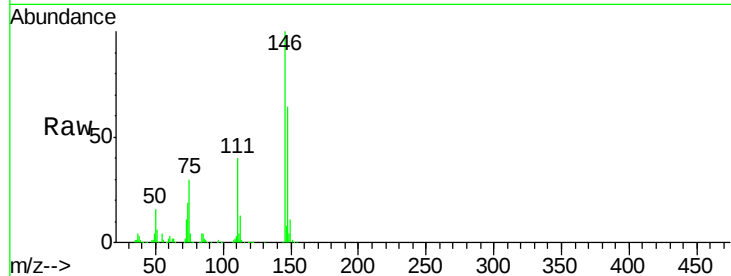
ClientSampleId :

B1-15-30MSD

Tot Ion:	146	Resp:	295571
Ion Ratio	Lower	Upper	
146	100		
148	63.5	51.2	76.8
111	40.2	33.1	49.7

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#14

1,2-Dichlorobenzene

Concen: 44.662 ng

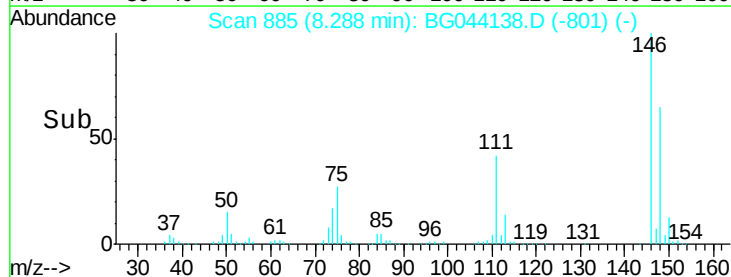
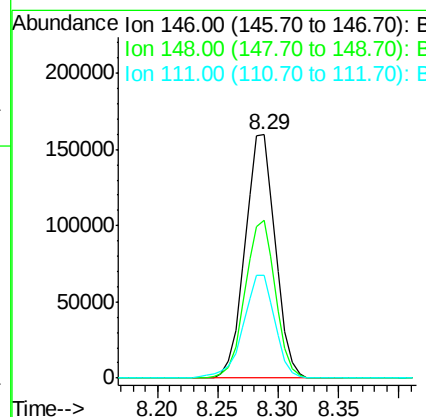
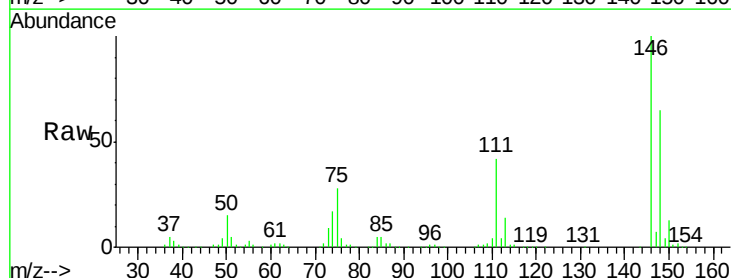
RT: 8.29 min Scan# 885

Delta R.T. -0.03 min

Lab File: BG044138.D

Acq: 21 Jan 2020 17:59

Tgt Ion:	146	Resp:	279365
Ion Ratio	Lower	Upper	
146	100		
148	64.8	51.7	77.5
111	42.3	34.4	51.6





#15

Benzyl Alcohol

Concen: 46.761 ng

RT: 8.16 min Scan# 864

Delta R.T. -0.03 min

Lab File: BG044138.D

Acq: 21 Jan 2020 17:59

Instrument :

BNA_G

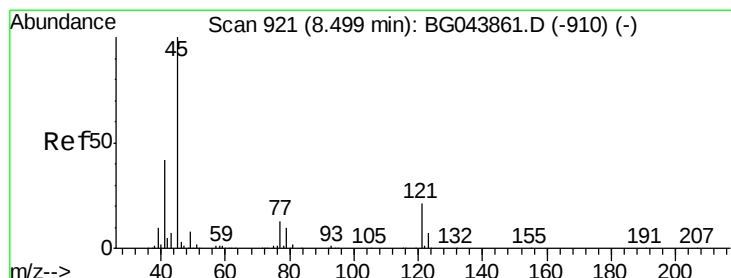
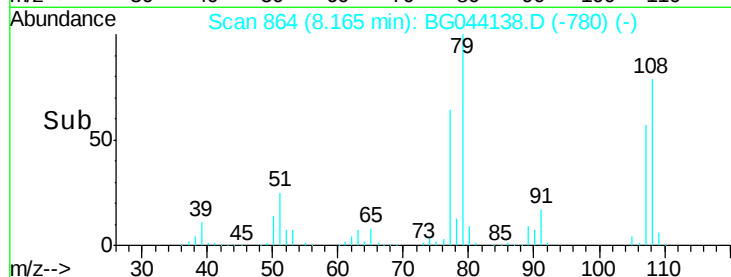
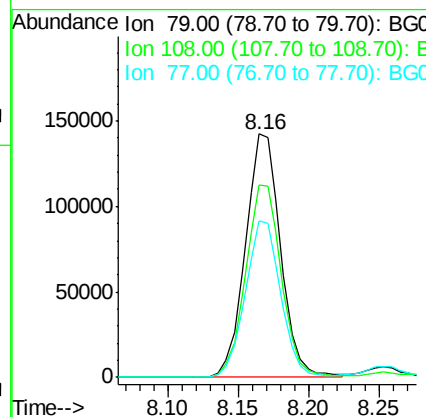
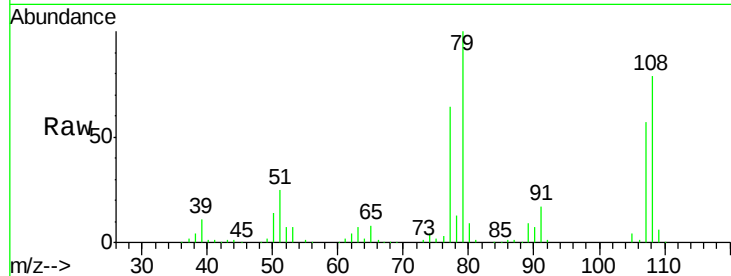
ClientSampleId :

B1-15-30MSD

Tot Ion:	79	Resp:	248006
Ion Ratio	Lower	Upper	
79	100		
108	79.0	65.6	98.4
77	64.1	52.0	78.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.496 ng

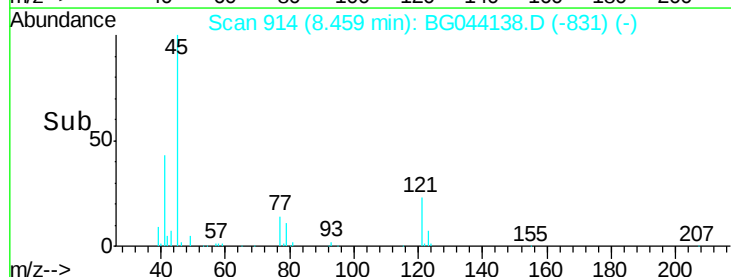
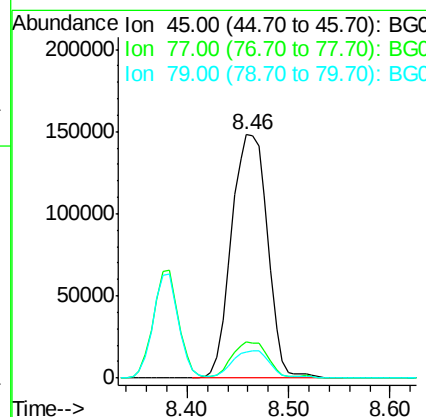
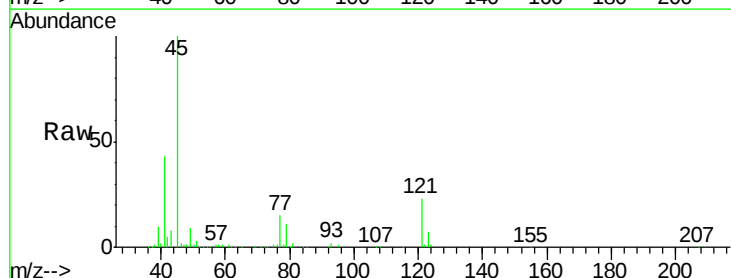
RT: 8.46 min Scan# 914

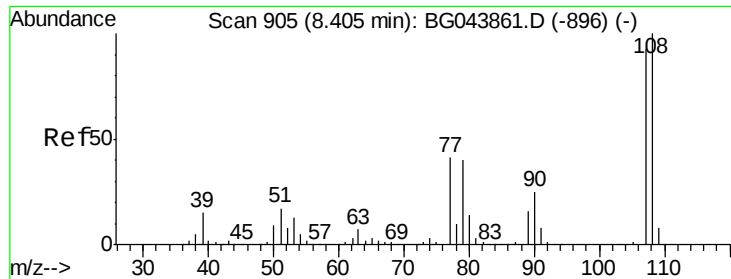
Delta R.T. -0.04 min

Lab File: BG044138.D

Acq: 21 Jan 2020 17:59

Tgt Ion:	45	Resp:	365211
Ion Ratio	Lower	Upper	
45	100		
77	14.7	0.0	33.8
79	10.7	0.0	31.0





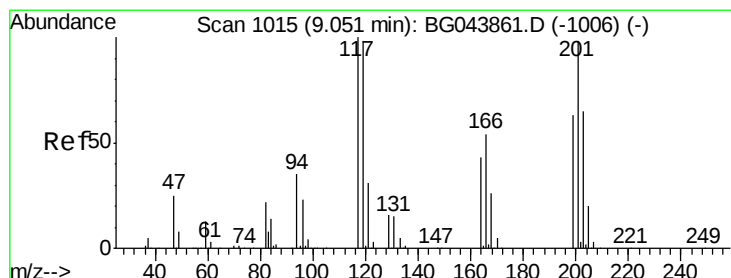
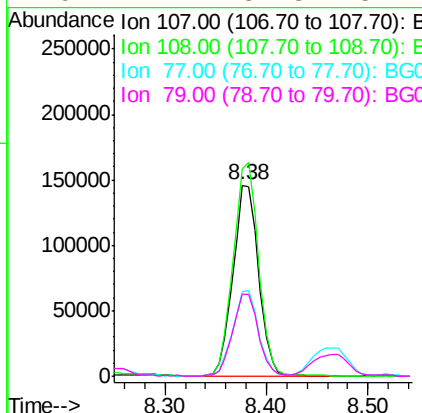
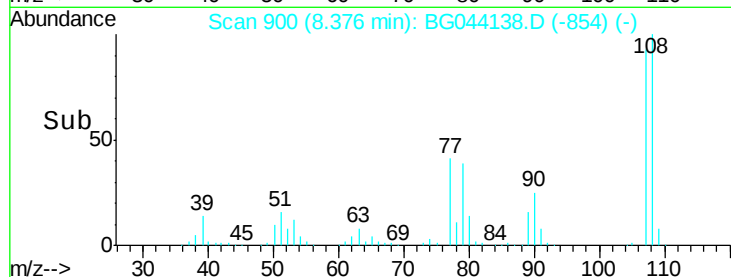
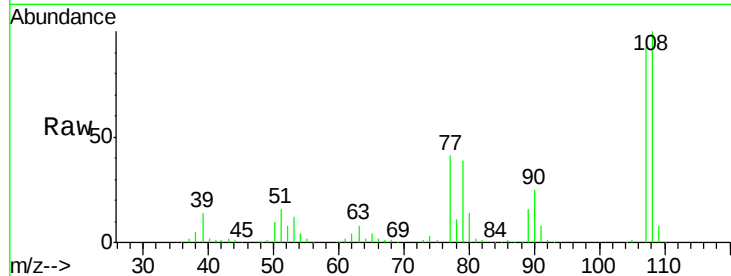
#17
2-Methylphenol
Concen: 50.903 ng
RT: 8.38 min Scan# 900
Delta R.T. -0.03 min
Lab File: BG044138.D
Acq: 21 Jan 2020 17:59

Instrument :
BNA_G
ClientSampleId :
B1-15-30MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.1	86.1	129.1	
77	44.3	35.4	53.0	
79	42.7	34.8	52.2	

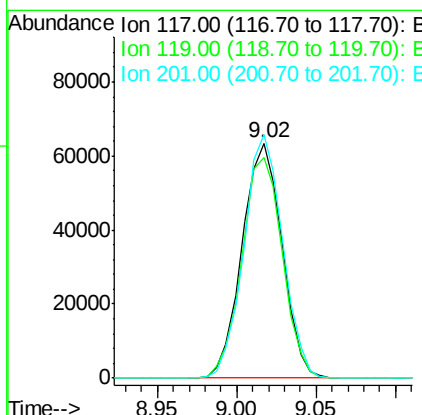
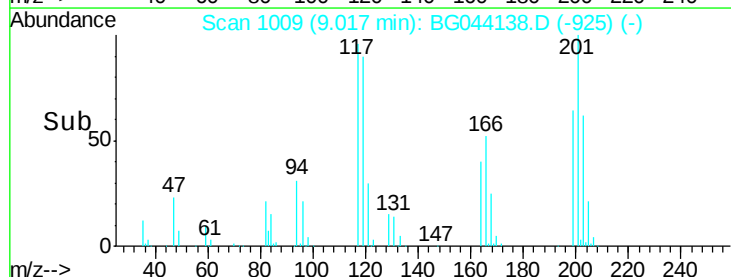
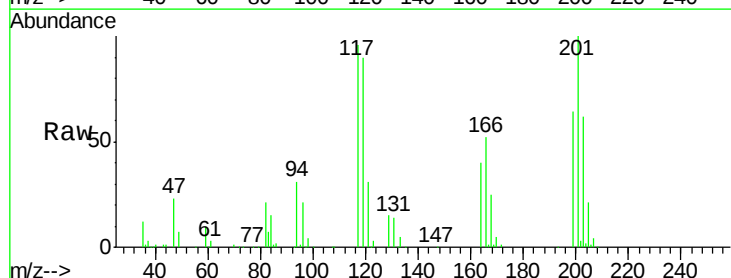
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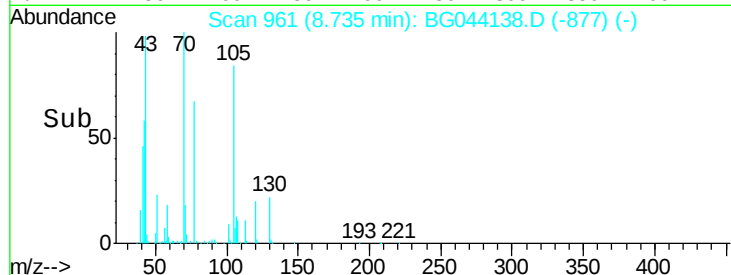
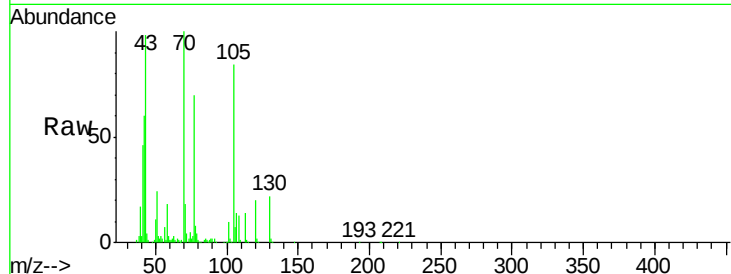
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#18
Hexachloroethane
Concen: 43.771 ng
RT: 9.02 min Scan# 1009
Delta R.T. -0.03 min
Lab File: BG044138.D
Acq: 21 Jan 2020 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.9	78.1	117.1	
201	106.8	78.6	117.8	





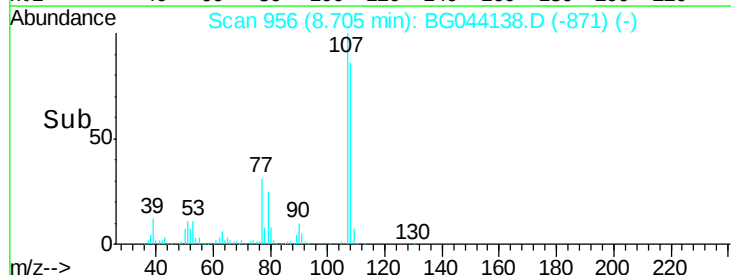
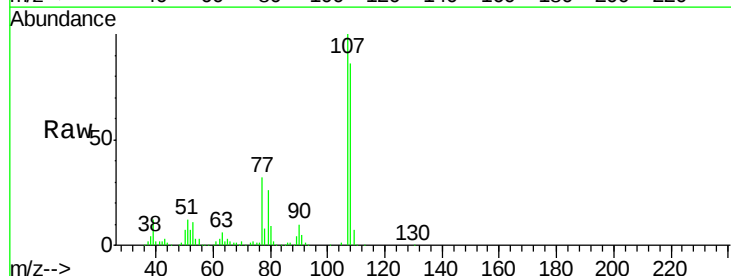
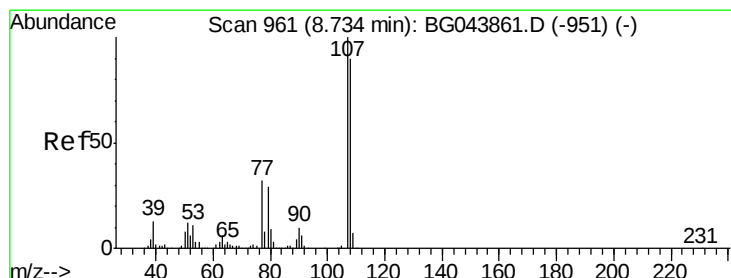
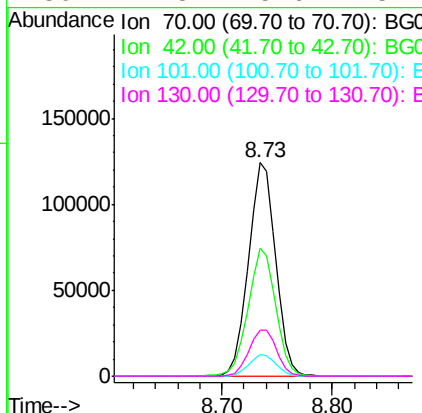
#19
n-Nitroso-di-n-propylamine
Concen: 42.891 ng
RT: 8.73 min Scan# 961
Delta R.T. -0.03 min
Lab File: BG044138.D
Acq: 21 Jan 2020 17:59

Instrument :
BNA_G
ClientSampleId :
B1-15-30MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	60.2		47.0	70.4	
101	10.1		7.2	10.8	
130	21.8		15.6	23.4	

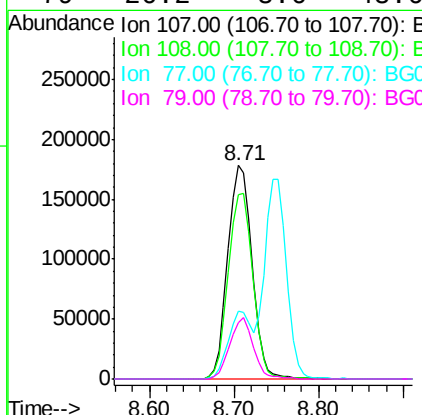
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#20
3+4-Methylphenols
Concen: 50.604 ng
RT: 8.71 min Scan# 956
Delta R.T. -0.03 min
Lab File: BG044138.D
Acq: 21 Jan 2020 17:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	86.1		70.3	110.3	
77	32.0		12.4	52.4	
79	26.2		8.6	48.6	





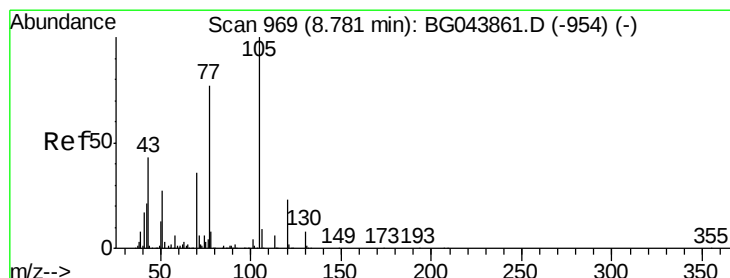
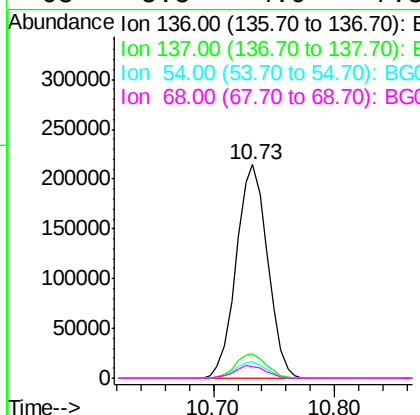
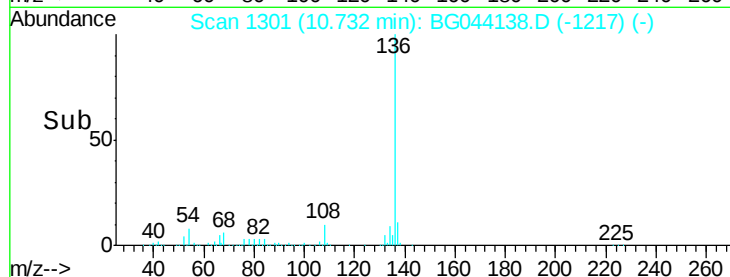
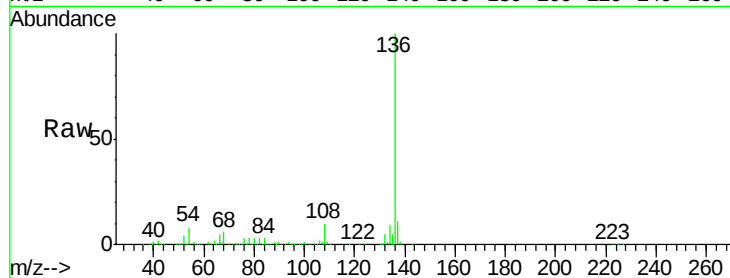
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.03 min
Lab File: BG044138.D
Acq: 21 Jan 2020 17:59

Instrument :
BNA_G
ClientSampleId :
B1-15-30MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	11.2	8.8	13.2		
54	7.8	7.0	10.4		
68	5.5	4.9	7.3		

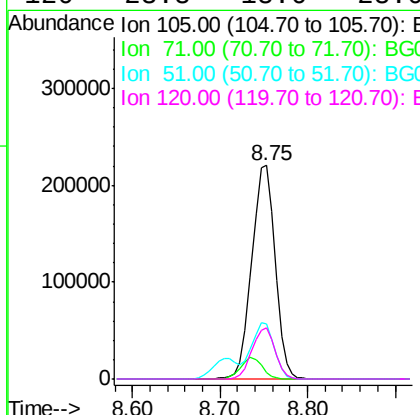
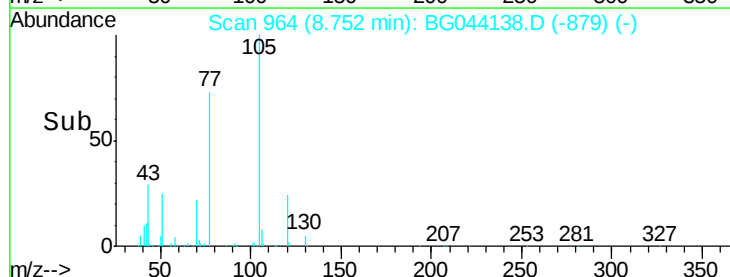
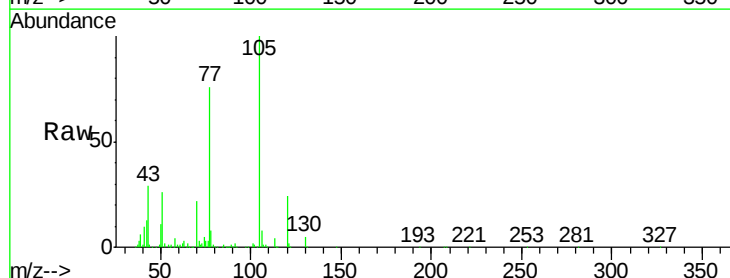
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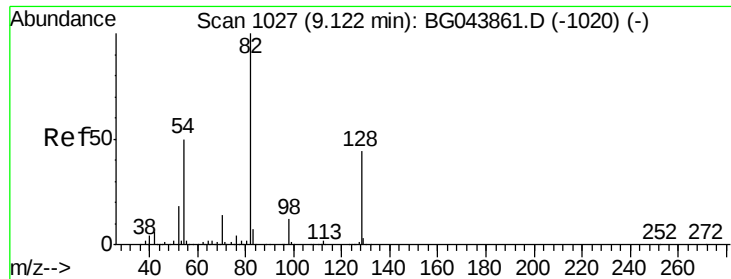
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#22
Acetophenone
Concen: 41.687 ng
RT: 8.75 min Scan# 964
Delta R.T. -0.03 min
Lab File: BG044138.D
Acq: 21 Jan 2020 17:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100				
71	3.3	4.8	7.2#		
51	25.7	21.4	32.0		
120	23.8	18.6	28.0		





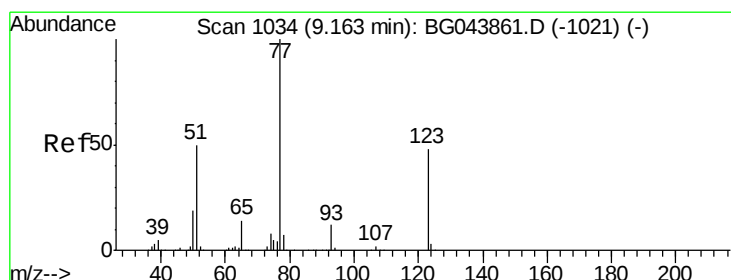
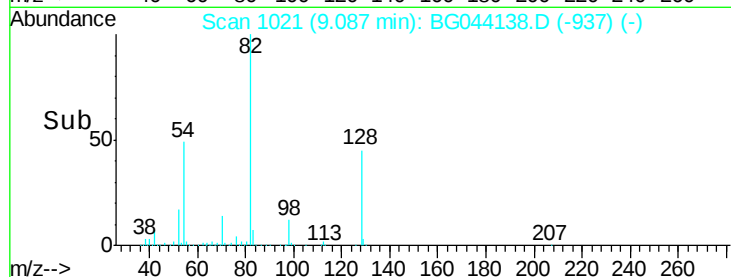
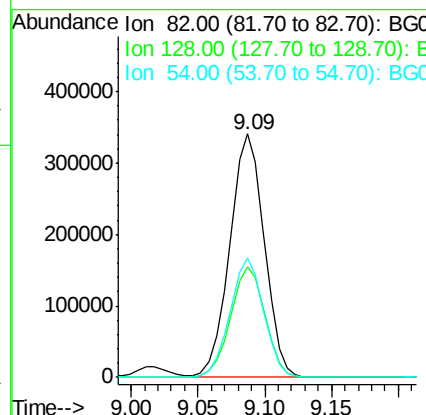
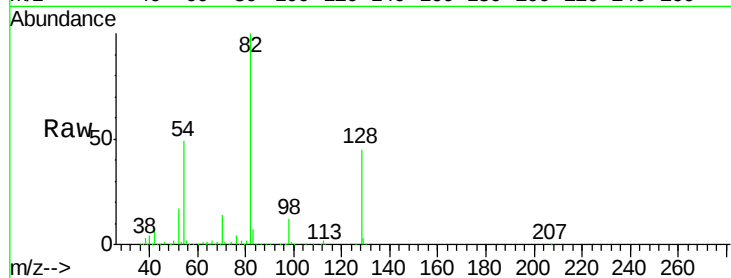
#23
Nitrobenzene-d5
Concen: 84.331 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.03 min
Lab File: BG044138.D
Acq: 21 Jan 2020 17:59

Instrument :
BNA_G
ClientSampleId :
B1-15-30MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.4	35.1	52.7
54	48.8	40.1	60.1

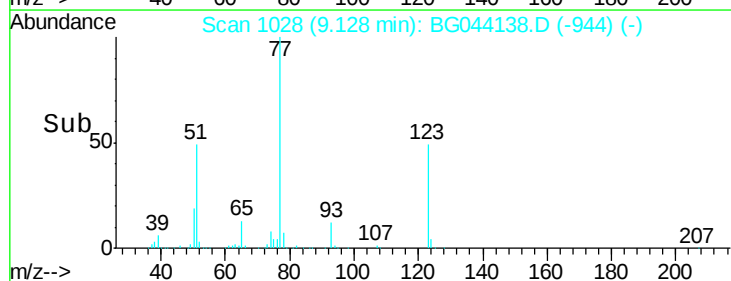
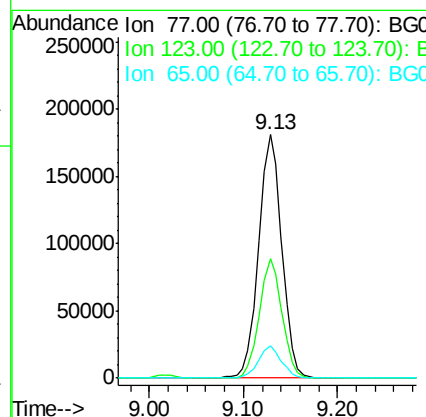
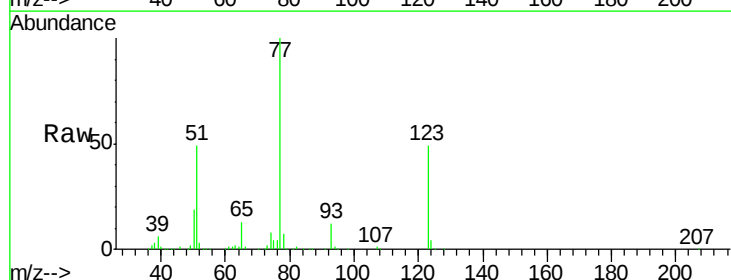
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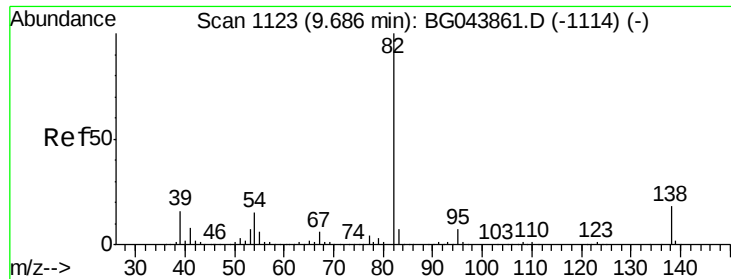
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#24
Nitrobenzene
Concen: 43.007 ng
RT: 9.13 min Scan# 1028
Delta R.T. -0.03 min
Lab File: BG044138.D
Acq: 21 Jan 2020 17:59

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.2	38.7	58.1
65	13.4	11.1	16.7





#25

Isophorone

Concen: 43.522 ng

RT: 9.66 min Scan# 1118

Delta R.T. -0.03 min

Lab File: BG044138.D

Acq: 21 Jan 2020 17:59

Instrument :

BNA_G

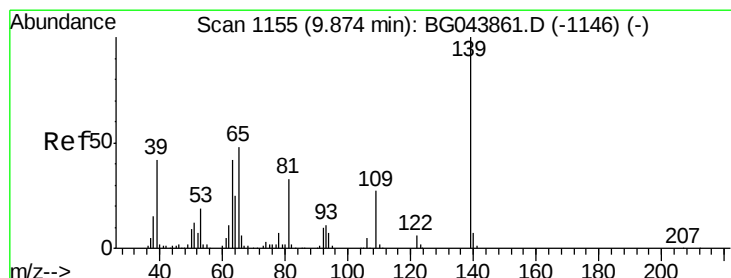
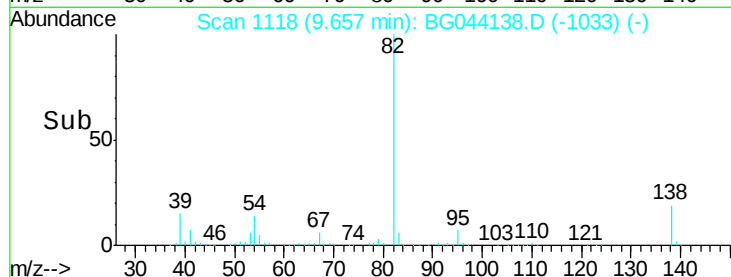
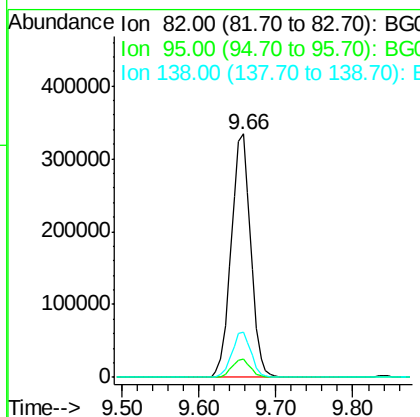
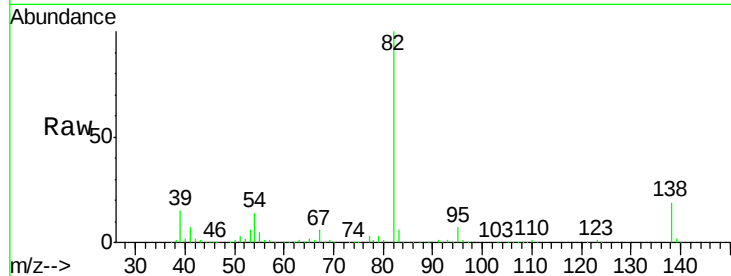
ClientSampleId :

B1-15-30MSD

Tot Ion:	82	Resp:	592289
Ion Ratio	Lower	Upper	
82	100		
95	7.4	5.8	8.6
138	18.7	14.6	22.0

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#26

2-Nitrophenol

Concen: 49.232 ng

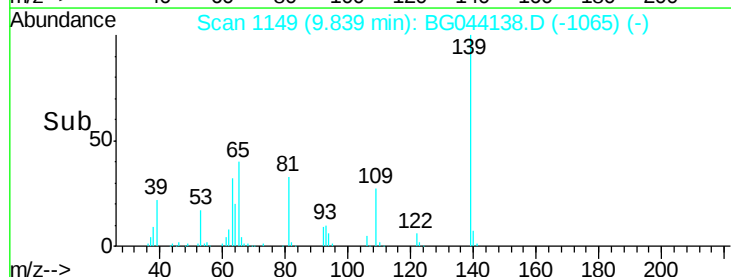
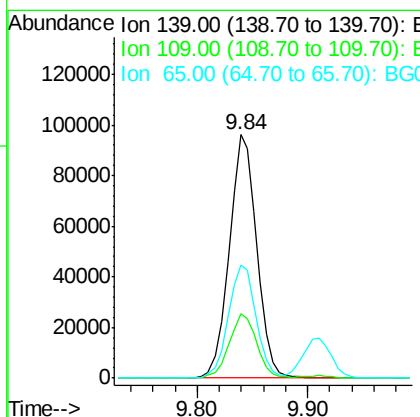
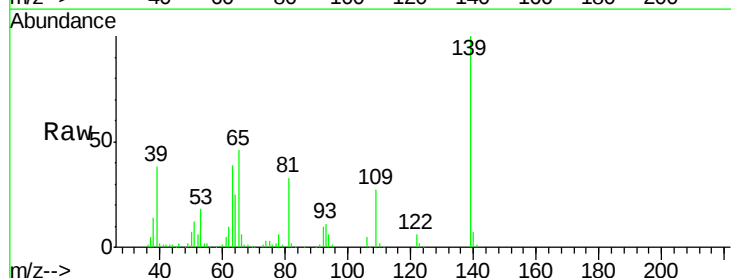
RT: 9.84 min Scan# 1149

Delta R.T. -0.03 min

Lab File: BG044138.D

Acq: 21 Jan 2020 17:59

Tgt Ion:	139	Resp:	167341
Ion Ratio	Lower	Upper	
139	100		
109	26.6	21.3	31.9
65	46.3	38.6	57.8





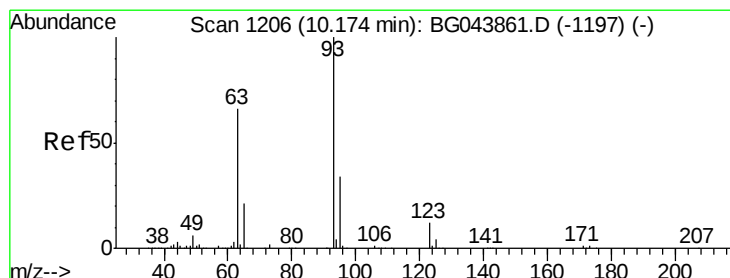
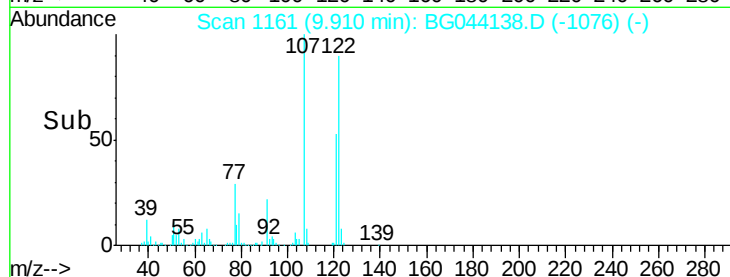
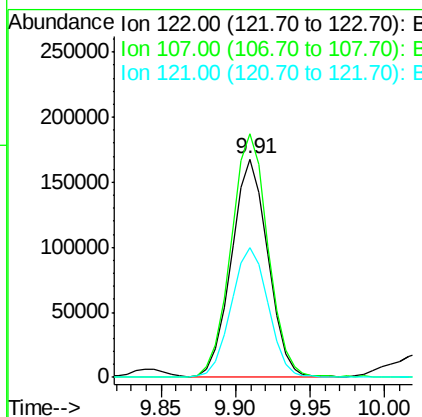
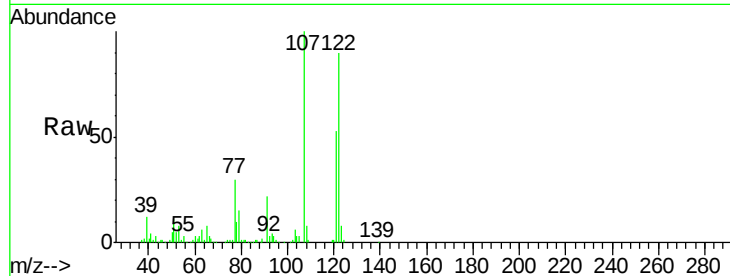
#27
 2,4-Dimethylphenol
 Concen: 55.467 ng
 RT: 9.91 min Scan# 1161
 Delta R.T. -0.03 min
 Lab File: BG044138.D
 Acq: 21 Jan 2020 17:59

Instrument :
 BNA_G
 ClientSampleId :
 B1-15-30MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	283798		
107	111.6	88.0	132.0	
121	59.6	49.0	73.4	

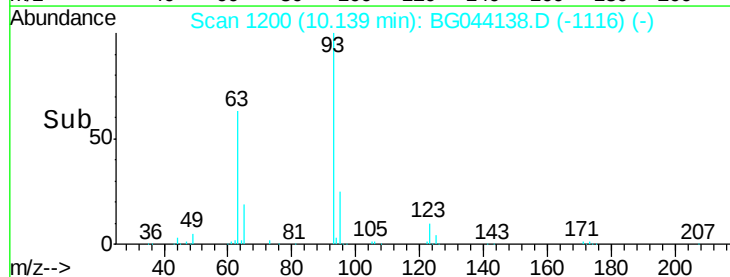
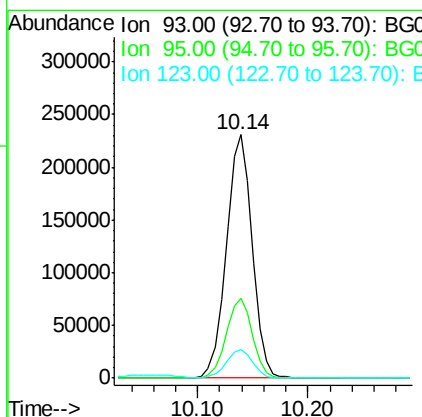
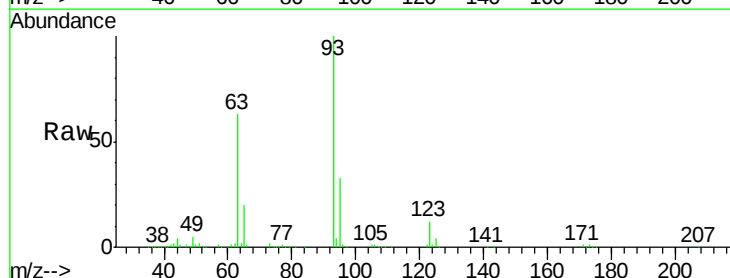
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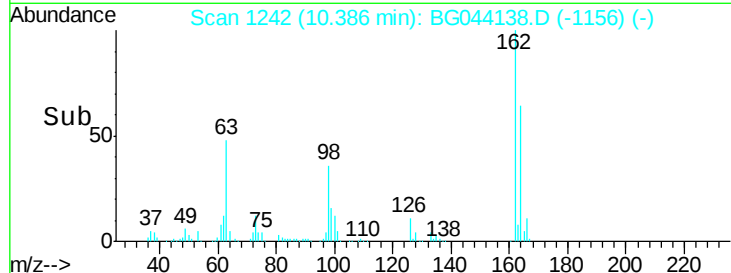
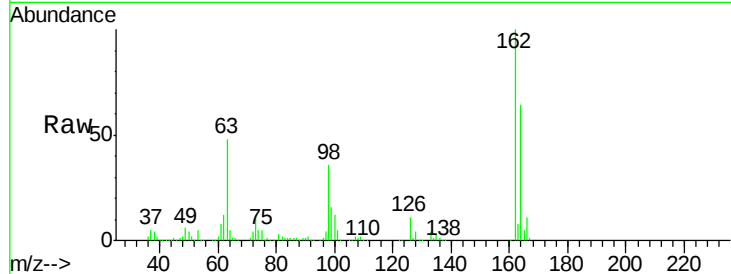
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#28
 bis(2-Chloroethoxy)methane
 Concen: 41.435 ng
 RT: 10.14 min Scan# 1200
 Delta R.T. -0.03 min
 Lab File: BG044138.D
 Acq: 21 Jan 2020 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	375929		
95	32.6	27.2	40.8	
123	11.6	9.7	14.5	





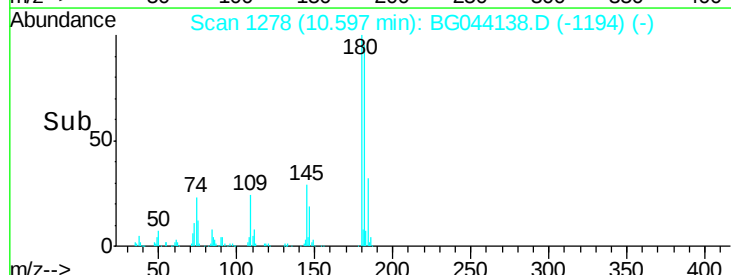
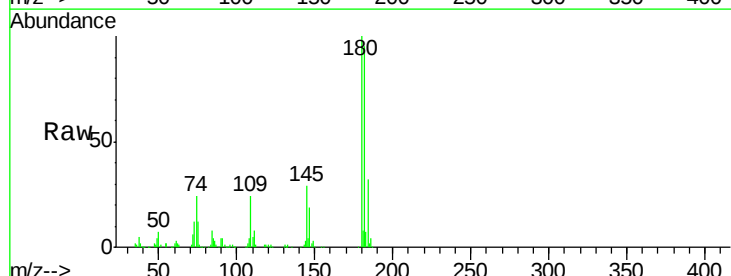
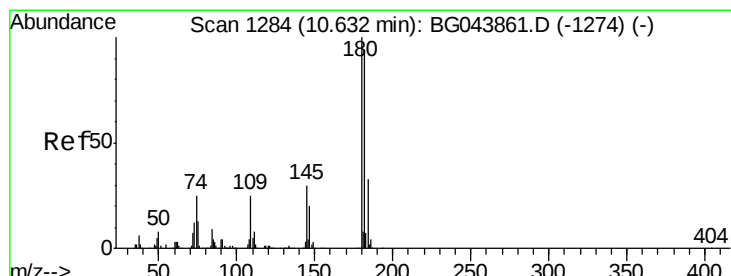
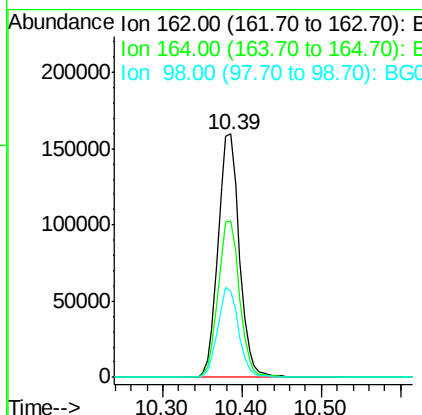
#29
2,4-Dichlorophenol
Concen: 48.820 ng
RT: 10.39 min Scan# 1242
Delta R.T. -0.02 min
Lab File: BG044138.D
Acq: 21 Jan 2020 17:59

Tot Ion	Ratio	Resp	Lower	Upper
162	100	297957		
164	64.5	46.3	86.3	
98	35.7	17.3	57.3	

Instrument :
BNA_G
ClientSampleId :
B1-15-30MSD

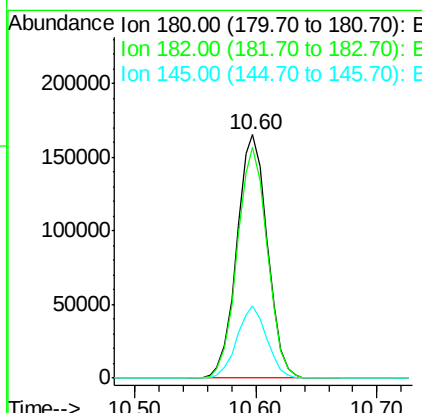
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#30
1,2,4-Trichlorobenzene
Concen: 42.381 ng
RT: 10.60 min Scan# 1278
Delta R.T. -0.03 min
Lab File: BG044138.D
Acq: 21 Jan 2020 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	290017		
182	95.0	75.0	112.4	
145	29.4	24.2	36.4	





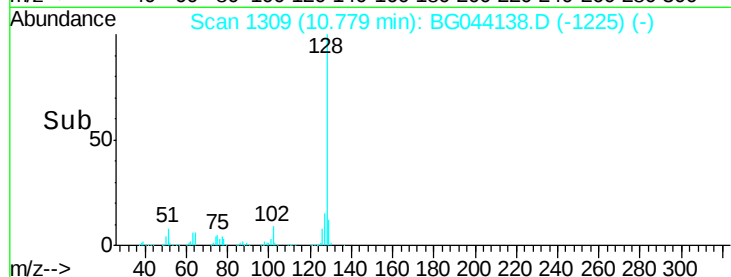
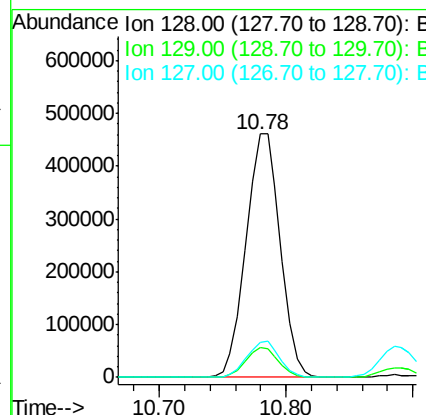
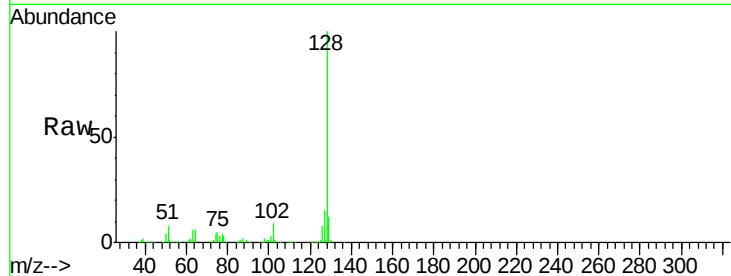
#31
Naphthalene
Concen: 45.920 ng
RT: 10.78 min Scan# 1309
Delta R.T. -0.03 min
Lab File: BG044138.D
Acq: 21 Jan 2020 17:59

Instrument :
BNA_G
ClientSampleId :
B1-15-30MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.3	9.8	14.6
127	14.6	12.0	18.0

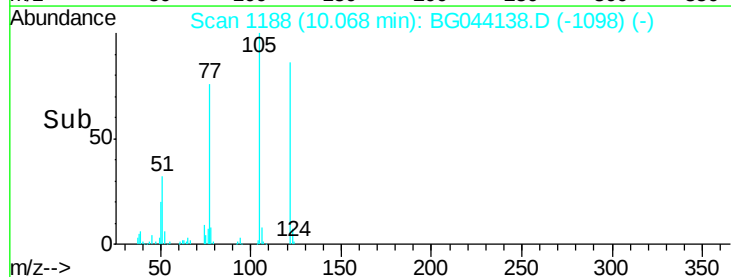
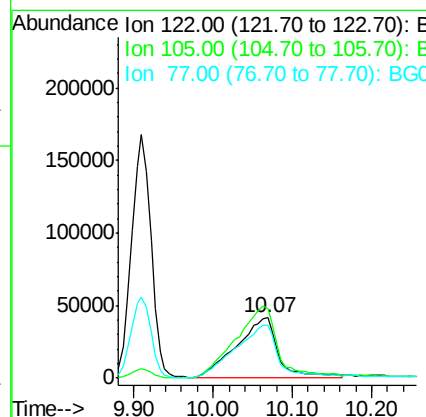
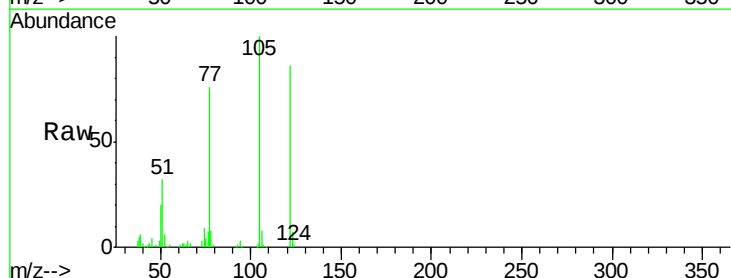
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#32
Benzoic acid
Concen: 36.898 ng
RT: 10.07 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BG044138.D
Acq: 21 Jan 2020 17:59

Tgt Ion	Ratio	Lower	Upper
122	100		
105	116.6	106.4	146.4
77	88.7	74.6	114.6





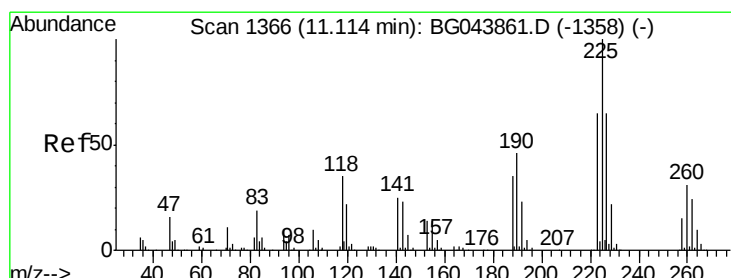
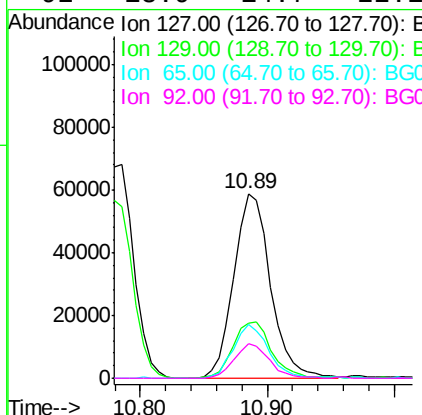
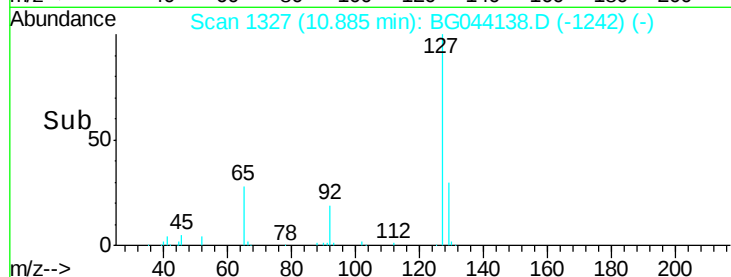
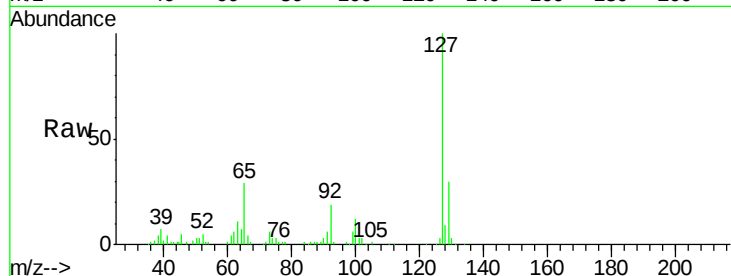
#33
4-Chloroaniline
Concen: 13.204 ng
RT: 10.89 min Scan# 1327
Delta R.T. -0.03 min
Lab File: BG044138.D
Acq: 21 Jan 2020 17:59

Instrument :
BNA_G
ClientSampleId :
B1-15-30MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	30.0	26.6	40.0
65	28.8	23.3	34.9
92	18.9	14.7	22.1

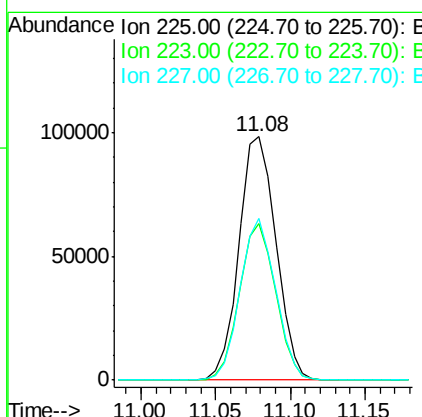
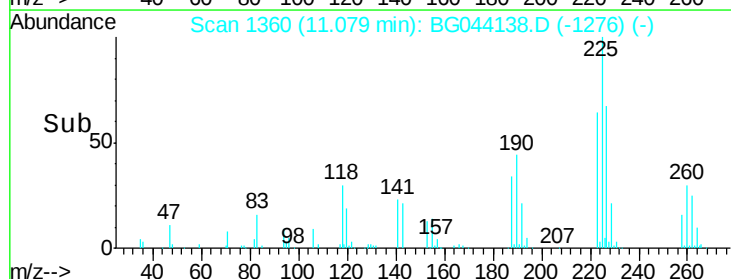
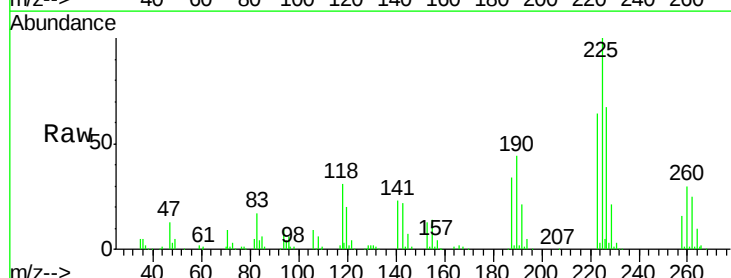
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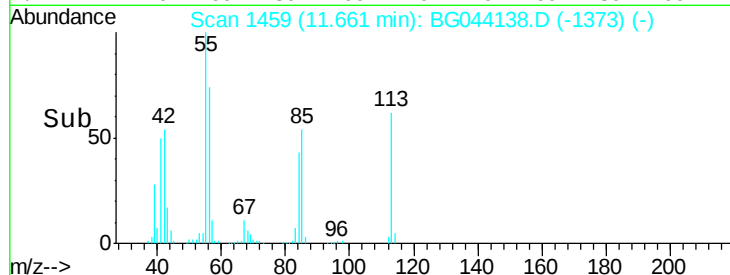
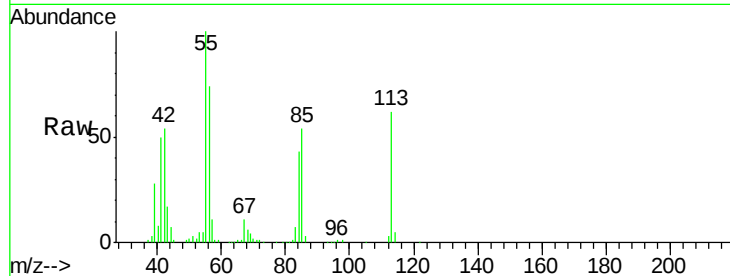
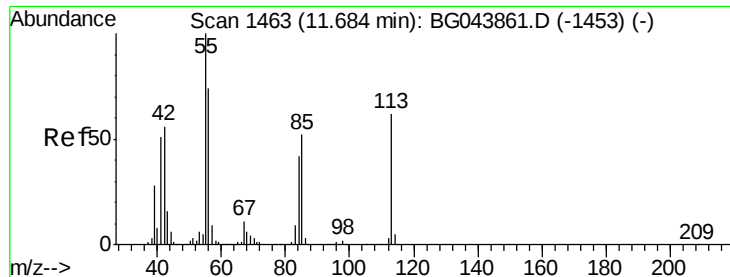
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#34
Hexachlorobutadiene
Concen: 40.584 ng
RT: 11.08 min Scan# 1360
Delta R.T. -0.03 min
Lab File: BG044138.D
Acq: 21 Jan 2020 17:59

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.5	52.2	78.4
227	66.7	52.1	78.1





#35

Caprolactam

Concen: 50.442 ng/mL

RT: 11.66 min Scan# 1459

Delta R.T. -0.02 min

Lab File: BG044138.D

Acq: 21 Jan 2020 17:59

Instrument :

BNA_G

ClientSampleId :

B1-15-30MSD

Tot Ion:113 Resp: 114606

Ion Ratio Lower Upper

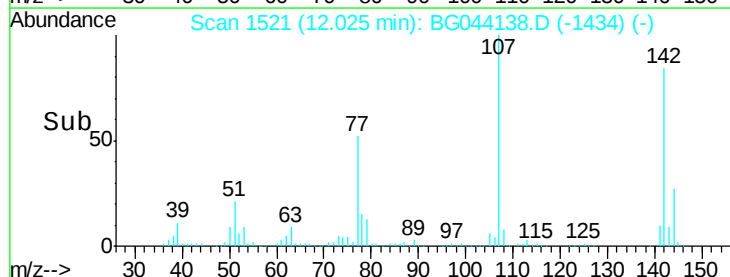
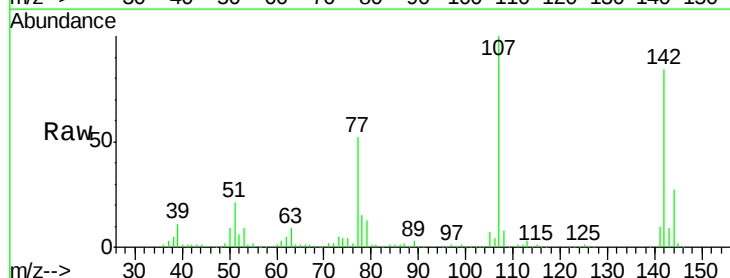
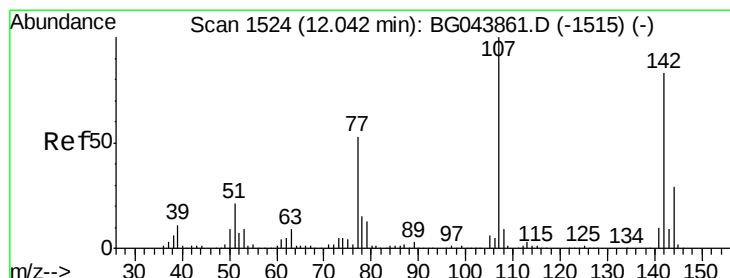
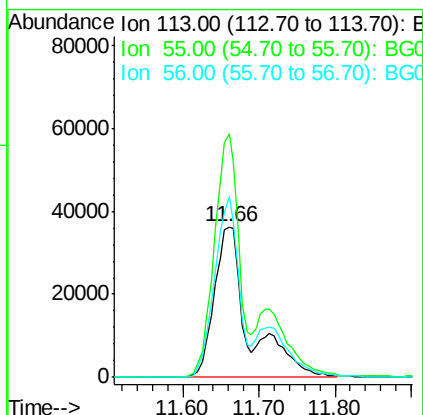
113 100

55 161.6 142.5 182.5

56 120.2 101.4 141.4

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#36

4-Chloro-3-methylphenol

Concen: 49.837 ng/mL

RT: 12.02 min Scan# 1521

Delta R.T. -0.02 min

Lab File: BG044138.D

Acq: 21 Jan 2020 17:59

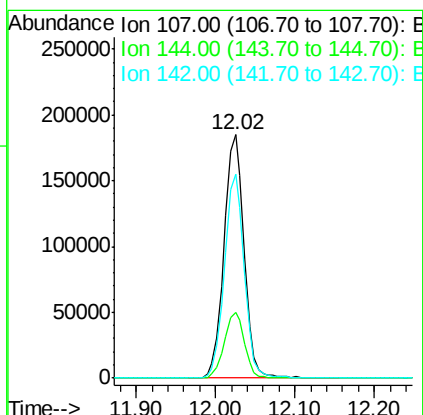
Tgt Ion:107 Resp: 323803

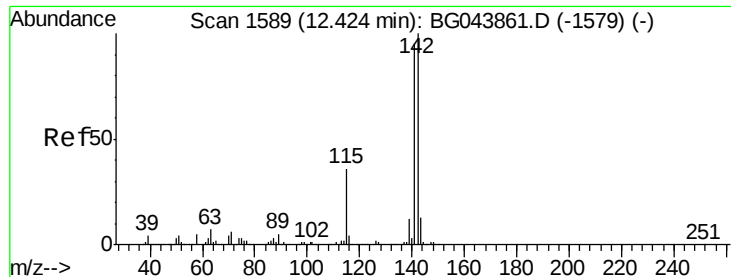
Ion Ratio Lower Upper

107 100

144 27.2 23.4 35.2

142 83.7 66.3 99.5





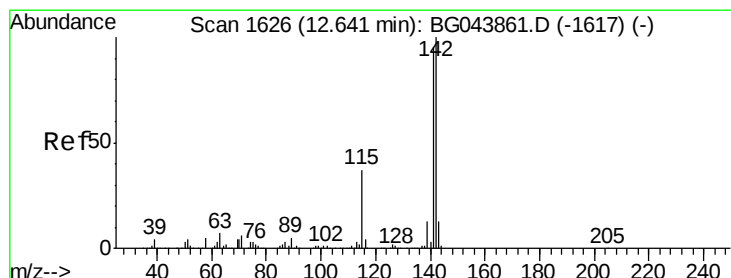
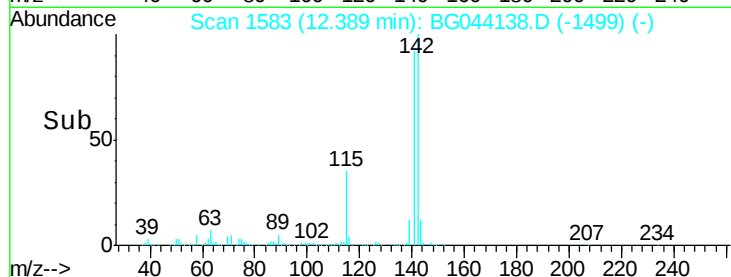
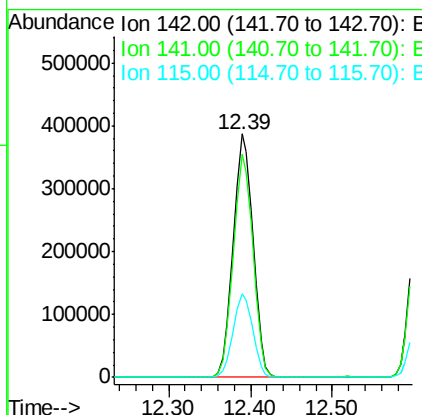
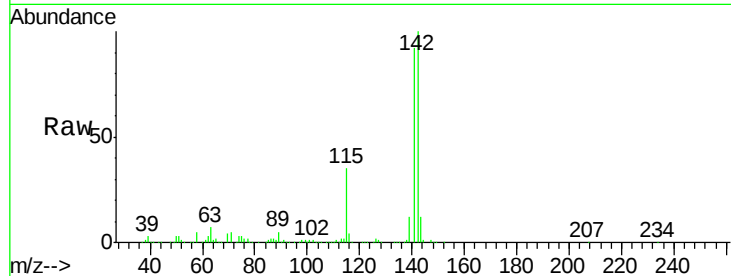
#37
2-Methylnaphthalene
Concen: 46.433 ng
RT: 12.39 min Scan# 1583
Delta R.T. -0.03 min
Lab File: BG044138.D
Acq: 21 Jan 2020 17:59

Instrument :
BNA_G
ClientSampleId :
B1-15-30MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.5	75.8	113.8
115	34.5	28.6	42.8

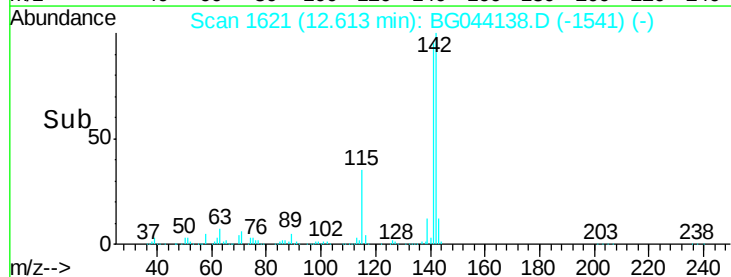
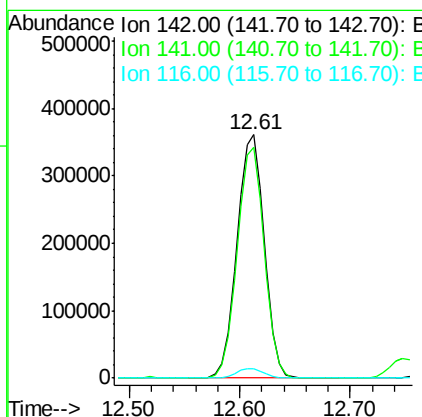
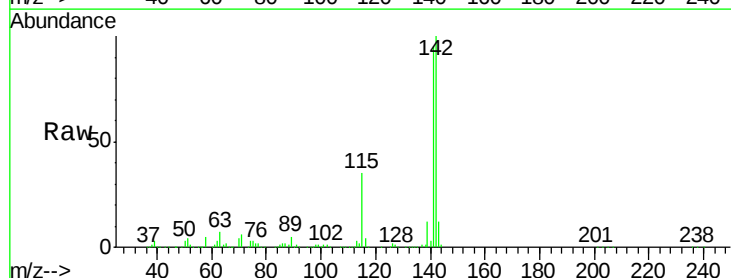
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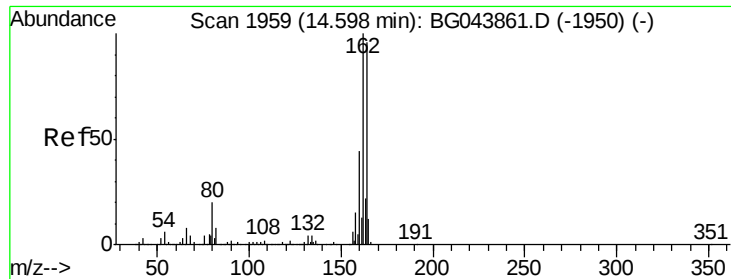
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#38
1-Methylnaphthalene
Concen: 46.689 ng
RT: 12.61 min Scan# 1621
Delta R.T. -0.03 min
Lab File: BG044138.D
Acq: 21 Jan 2020 17:59

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.6	76.0	114.0
116	3.7	3.1	4.7





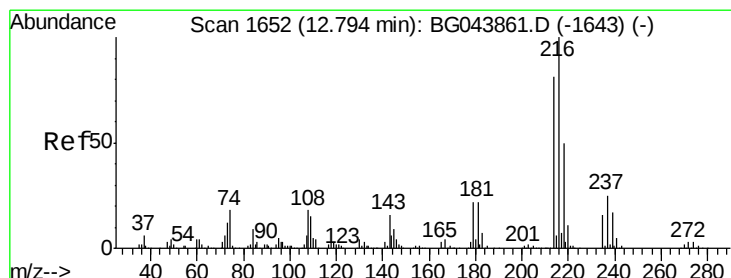
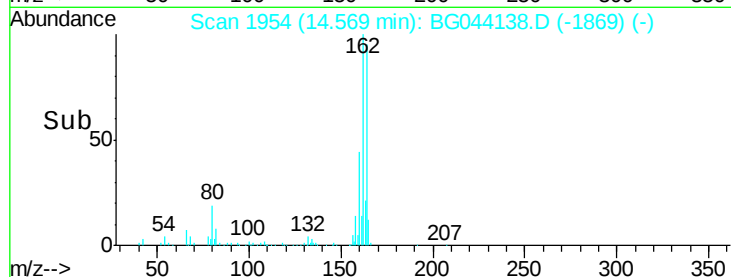
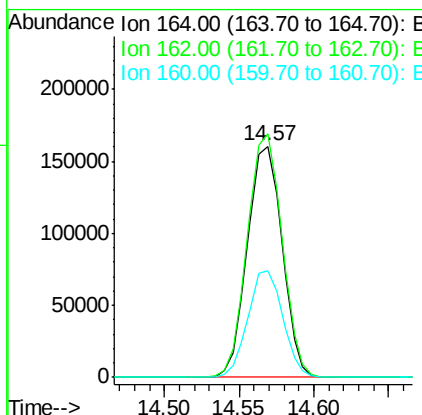
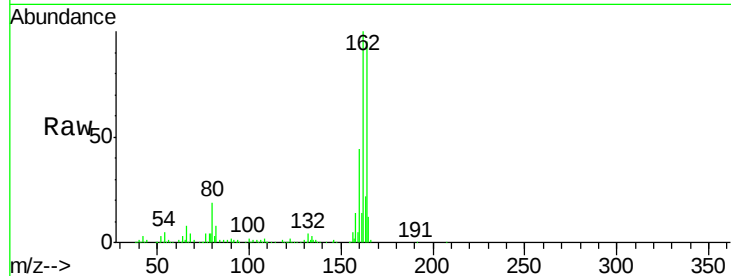
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.57 min Scan# 1954
Delta R.T. -0.03 min
Lab File: BG044138.D
Acq: 21 Jan 2020 17:59

Instrument :
BNA_G
ClientSampleId :
B1-15-30MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100	258021		
162	105.5	83.0	124.4	
160	46.0	36.1	54.1	

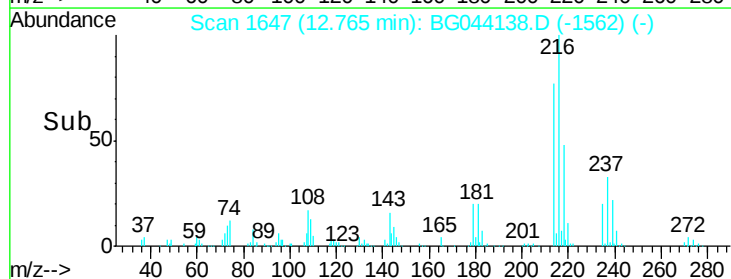
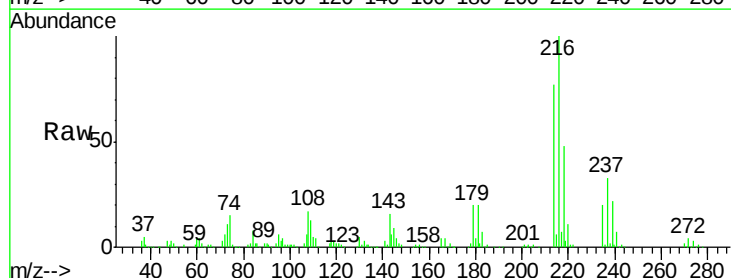
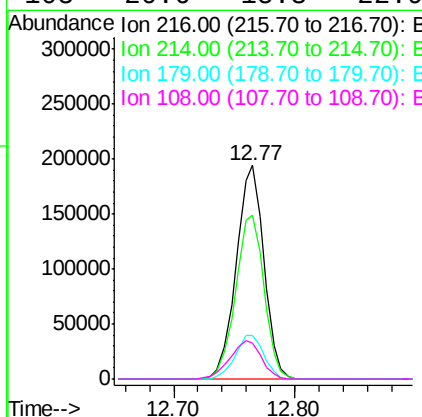
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.039 ng
RT: 12.77 min Scan# 1647
Delta R.T. -0.03 min
Lab File: BG044138.D
Acq: 21 Jan 2020 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	310364		
214	78.6	63.8	95.8	
179	21.0	17.3	25.9	
108	20.6	15.3	22.9	





#41

Hexachlorocyclopentadiene

Concen: 99.164 ng

RT: 12.75 min Scan# 1644

Delta R.T. -0.03 min

Lab File: BG044138.D

Acq: 21 Jan 2020 17:59

Instrument :

BNA_G

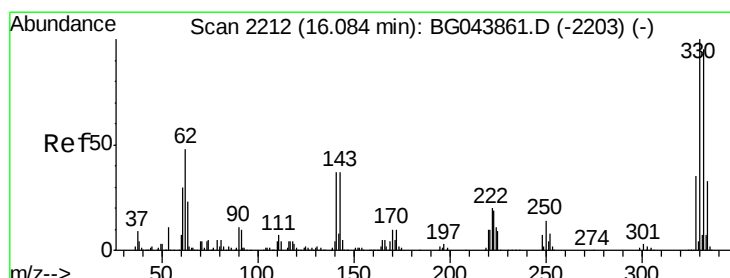
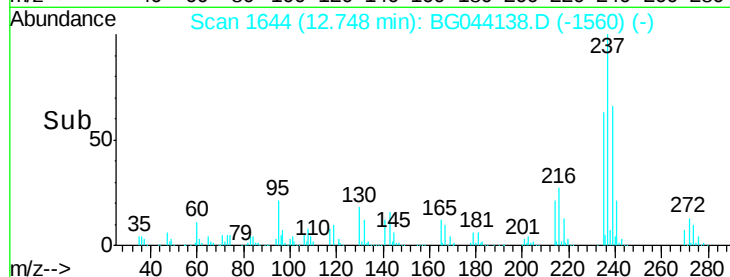
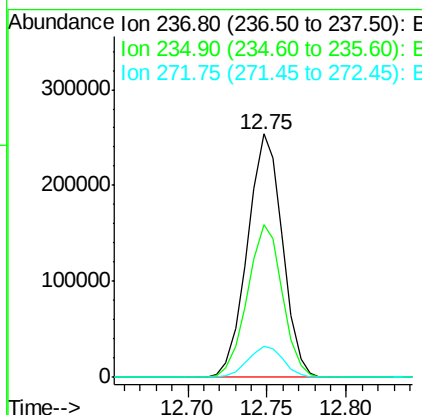
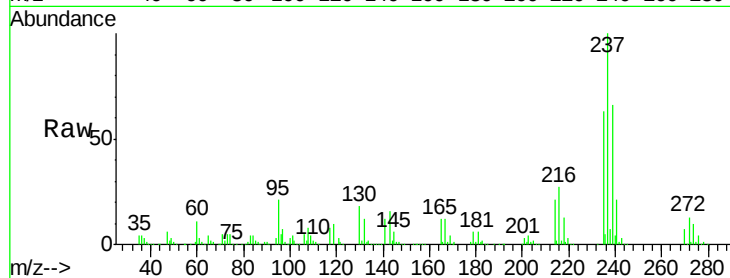
ClientSampleId :

B1-15-30MSD

Tot Ion:	237	Resp:	388795
Ion Ratio	Lower	Upper	
237	100		
235	62.6	41.1	81.1
272	12.8	0.0	31.7

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#42

2,4,6-Tribromophenol

Concen: 144.444 ng

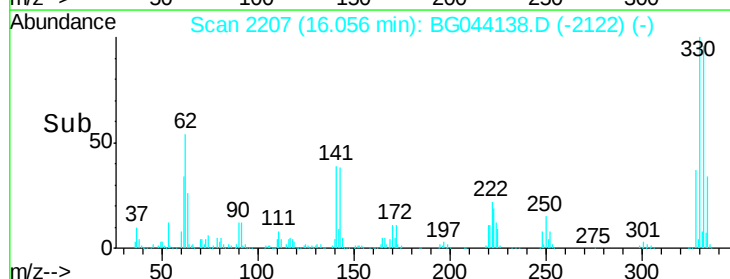
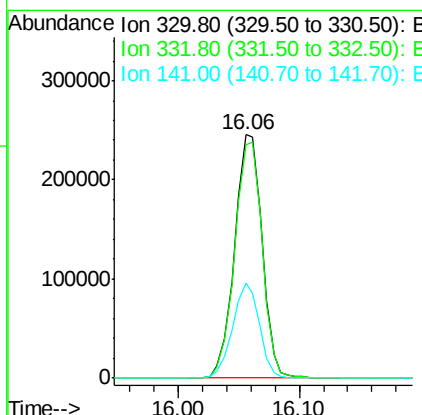
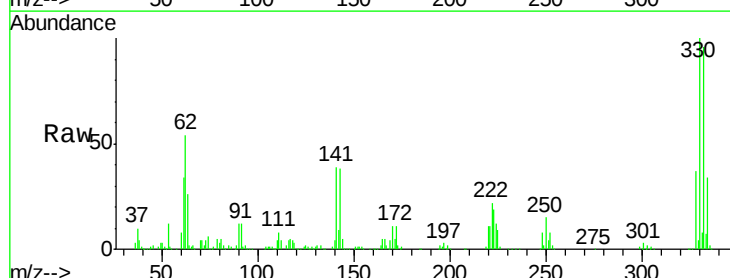
RT: 16.06 min Scan# 2207

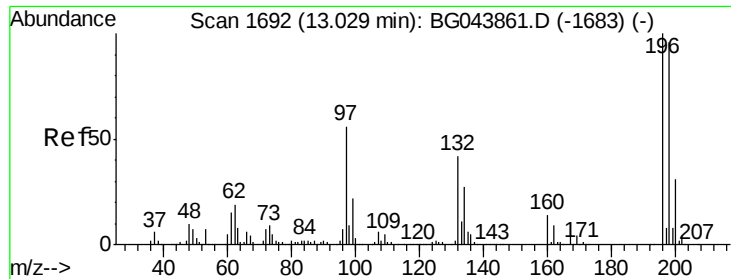
Delta R.T. -0.03 min

Lab File: BG044138.D

Acq: 21 Jan 2020 17:59

Tgt Ion:	330	Resp:	390019
Ion Ratio	Lower	Upper	
330	100		
332	97.3	77.2	115.8
141	38.3	33.1	49.7





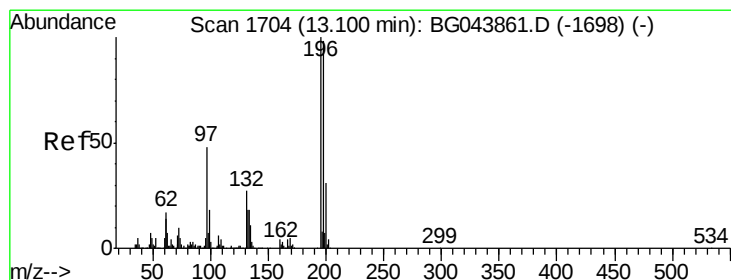
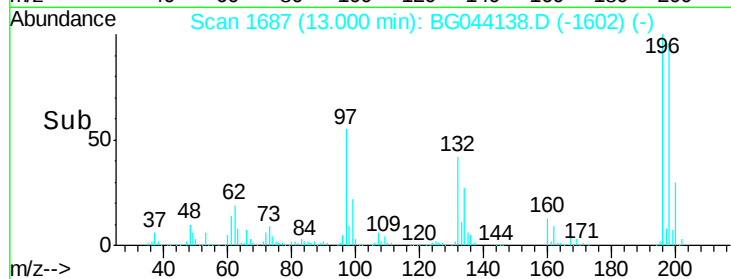
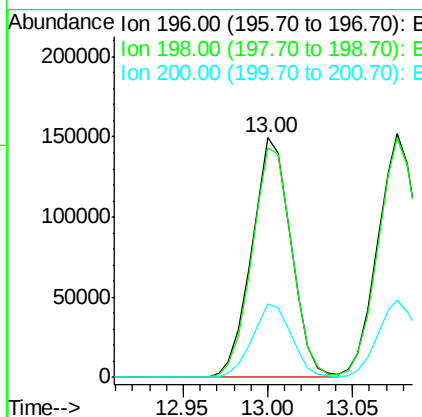
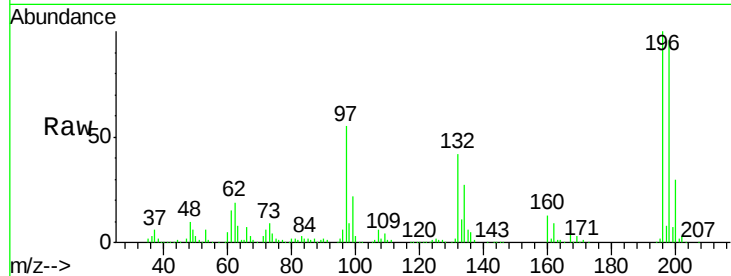
#43
 2,4,6-Trichlorophenol
 Concen: 46.492 ng
 RT: 13.00 min Scan# 1687
 Delta R.T. -0.03 min
 Lab File: BG044138.D
 Acq: 21 Jan 2020 17:59

Instrument :
 BNA_G
 ClientSampleId :
 B1-15-30MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	241931		
198	95.9	76.6	115.0	
200	30.5	24.6	37.0	

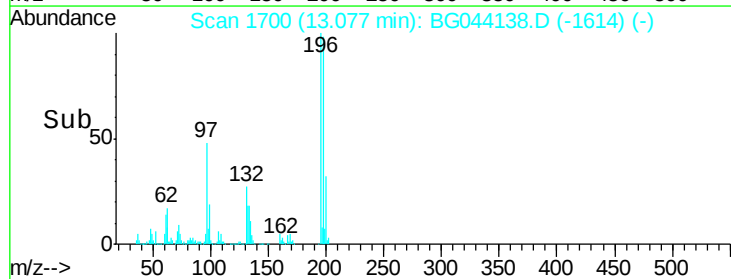
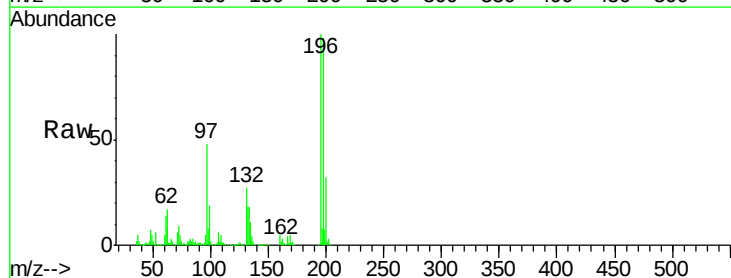
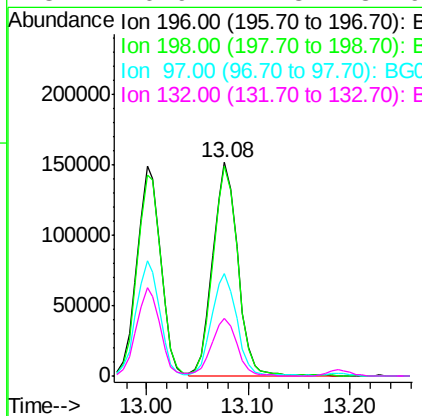
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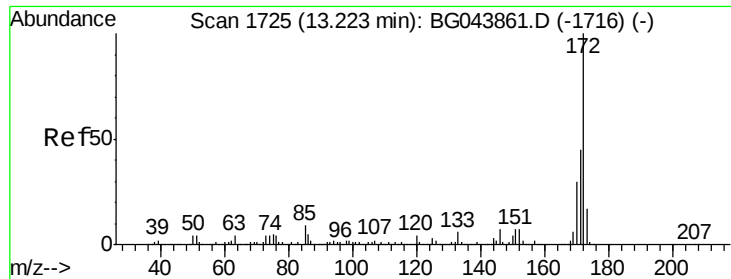
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#44
 2,4,5-Trichlorophenol
 Concen: 48.254 ng
 RT: 13.08 min Scan# 1700
 Delta R.T. -0.02 min
 Lab File: BG044138.D
 Acq: 21 Jan 2020 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	258976		
198	98.4	78.3	117.5	
97	48.0	38.8	58.2	
132	26.9	21.3	31.9	





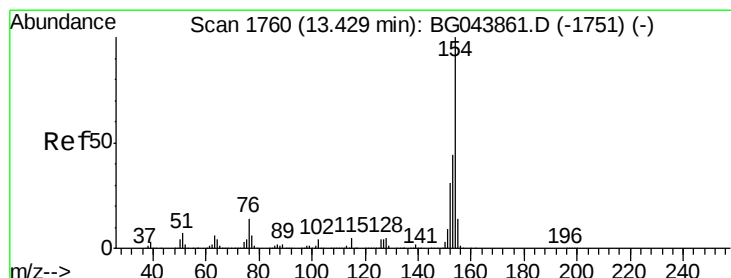
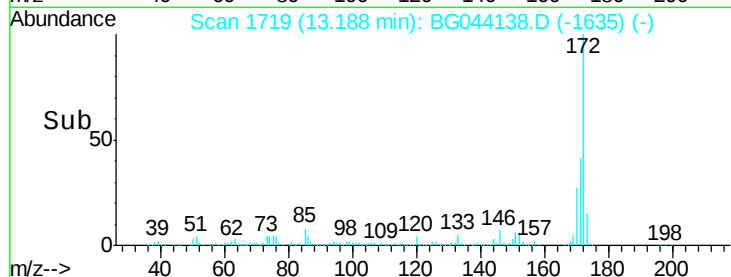
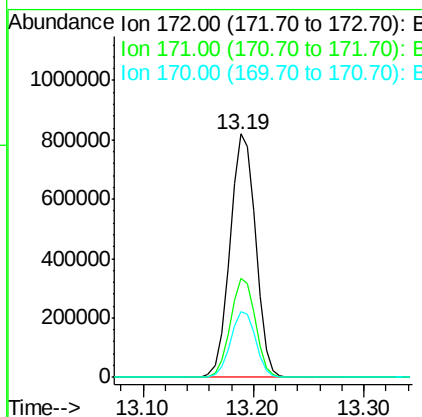
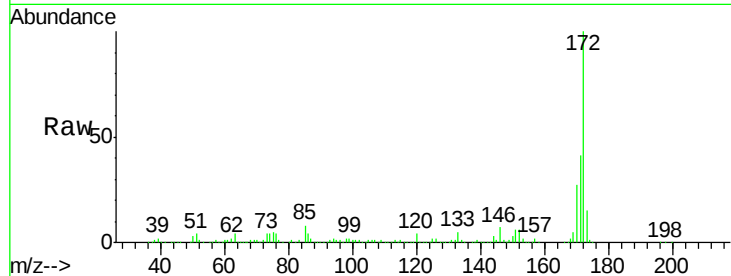
#45
2-Fluorobiphenyl
Concen: 93.332 ng
RT: 13.19 min Scan# 1719
Delta R.T. -0.03 min
Lab File: BG044138.D
Acq: 21 Jan 2020 17:59

Instrument :
BNA_G
ClientSampleId :
B1-15-30MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	40.9	35.8	53.8
170	27.2	24.2	36.4

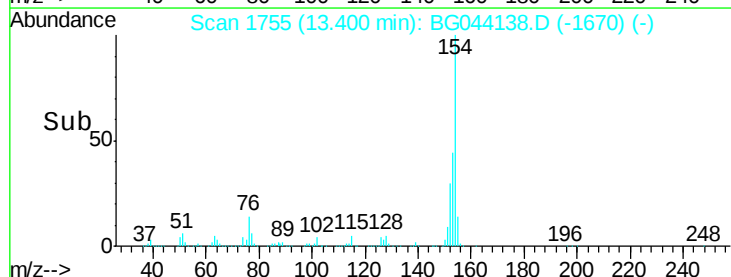
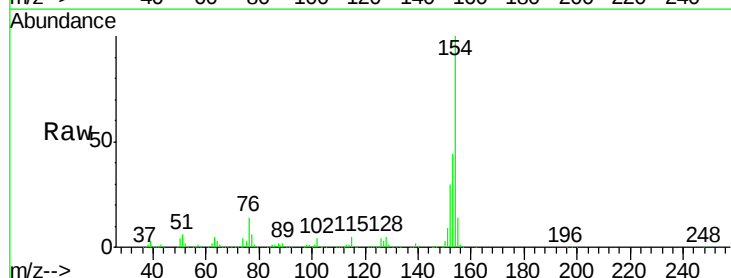
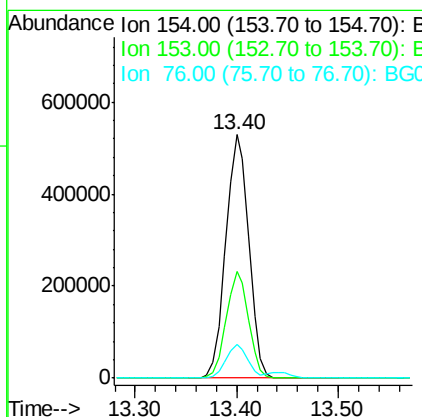
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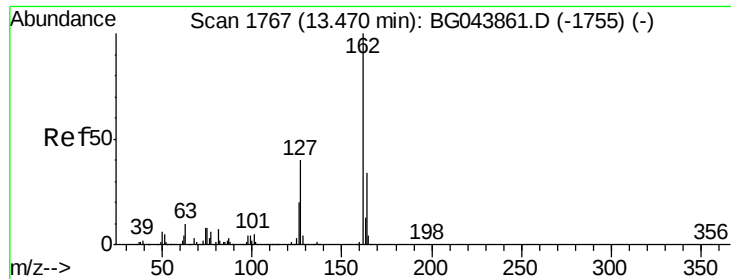
mohammad
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#46
1,1'-Biphenyl
Concen: 44.870 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.03 min
Lab File: BG044138.D
Acq: 21 Jan 2020 17:59

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.8	23.6	63.6
76	13.6	0.0	34.4





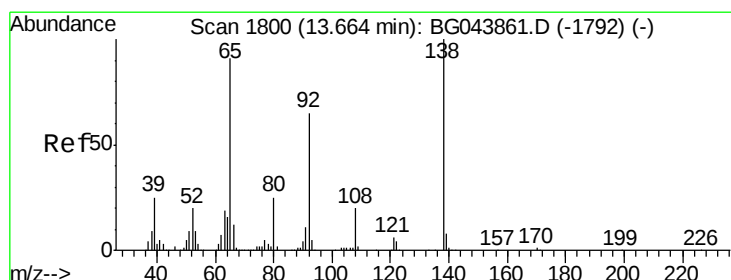
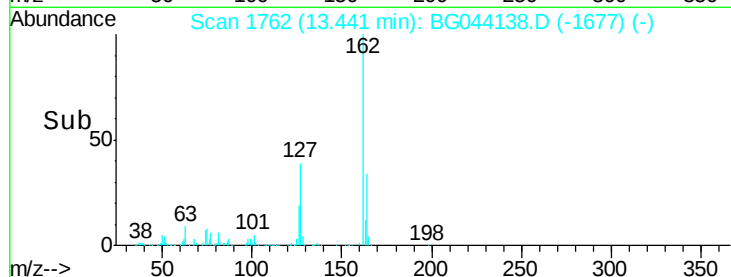
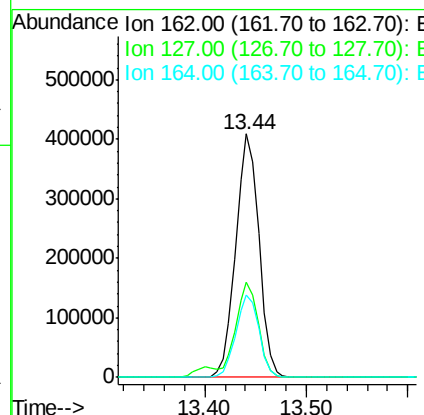
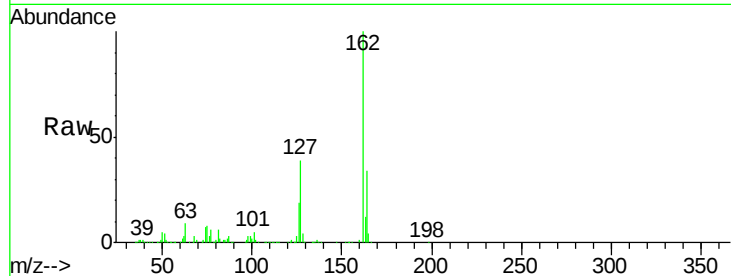
#47
2-Chloronaphthalene
Concen: 43.275 ng
RT: 13.44 min Scan# 1762
Delta R.T. -0.03 min
Lab File: BG044138.D
Acq: 21 Jan 2020 17:59

Instrument :
BNA_G
ClientSampleId :
B1-15-30MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	646911		
127	39.3		32.1	48.1
164	33.7		27.5	41.3

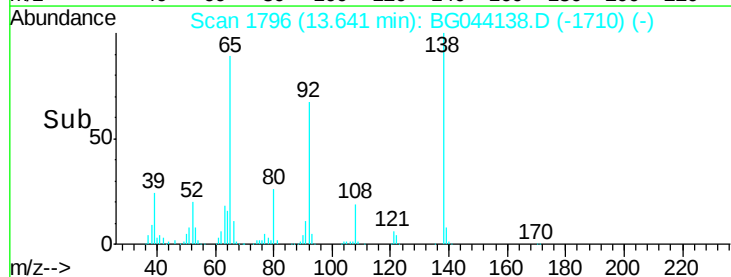
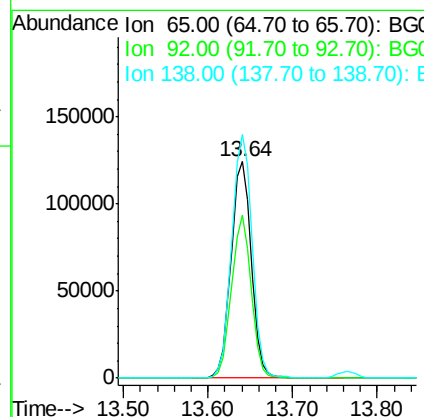
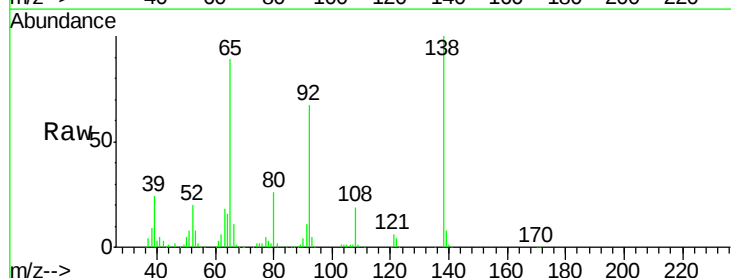
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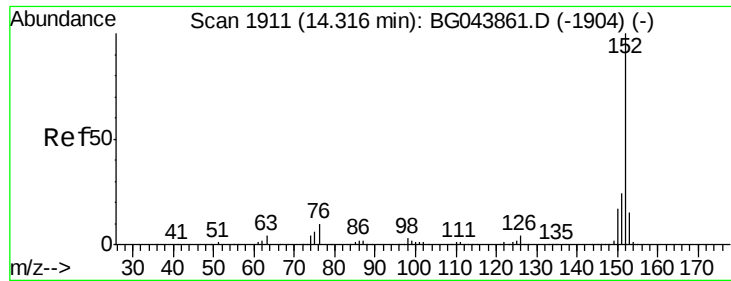
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#48
2-Nitroaniline
Concen: 42.597 ng
RT: 13.64 min Scan# 1796
Delta R.T. -0.02 min
Lab File: BG044138.D
Acq: 21 Jan 2020 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	204836		
92	75.6		57.4	86.2
138	112.6		88.2	132.4





#49

Acenaphthylene

Concen: 48.289 ng

RT: 14.29 min Scan# 1906

Delta R.T. -0.03 min

Lab File: BG044138.D

Acq: 21 Jan 2020 17:59

Instrument :

BNA_G

ClientSampleId :

B1-15-30MSD

Tot Ion:152 Resp: 1037536

Ion Ratio Lower Upper

152 100

151 23.0 19.4 29.2

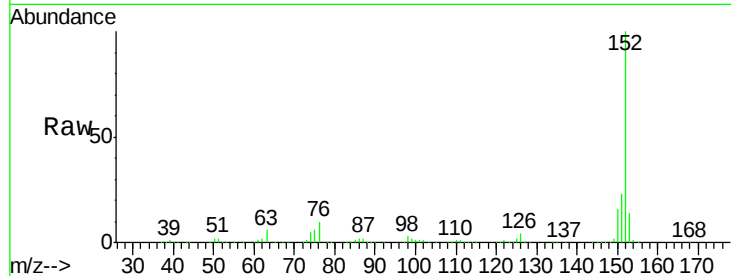
153 14.4 12.0 18.0

Manual Integrations

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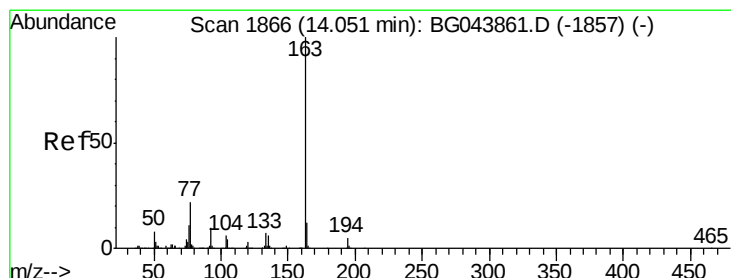
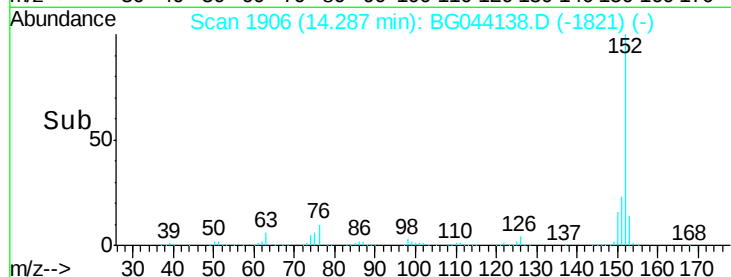
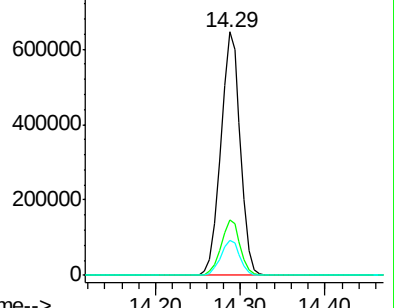
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 50.192 ng

RT: 14.02 min Scan# 1861

Delta R.T. -0.03 min

Lab File: BG044138.D

Acq: 21 Jan 2020 17:59

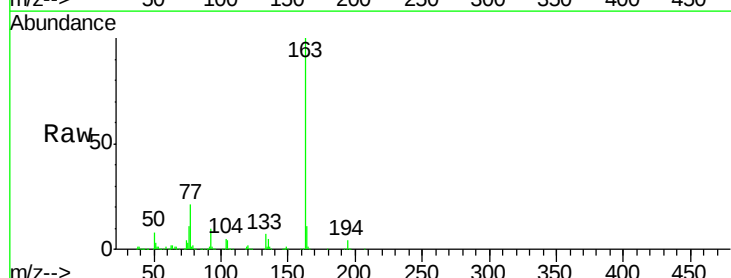
Tgt Ion:163 Resp: 919536

Ion Ratio Lower Upper

163 100

194 4.3 3.7 5.5

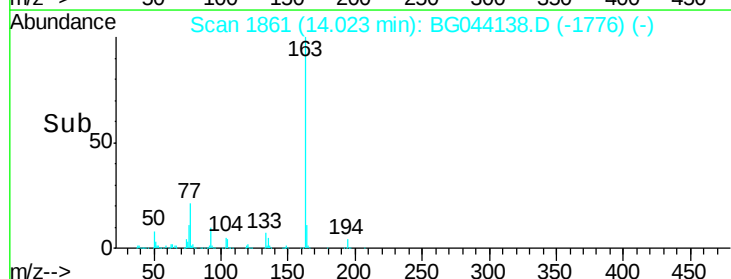
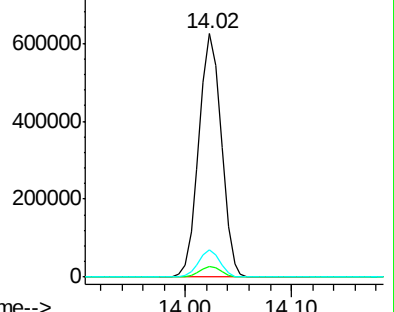
164 11.4 9.3 13.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





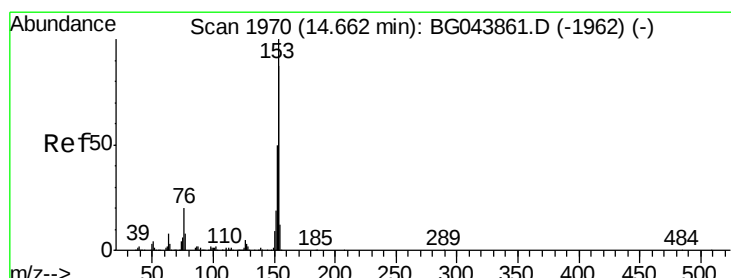
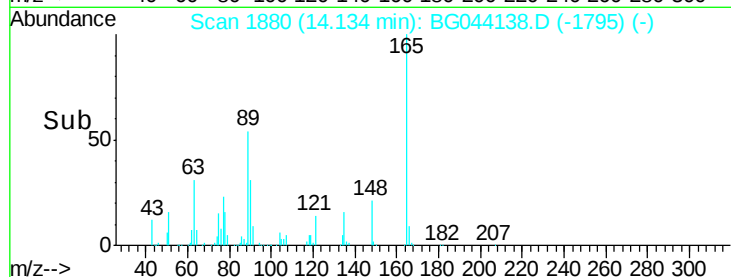
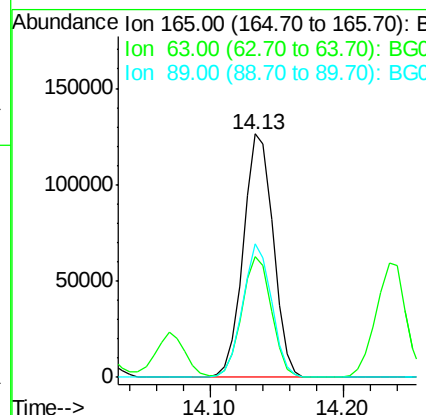
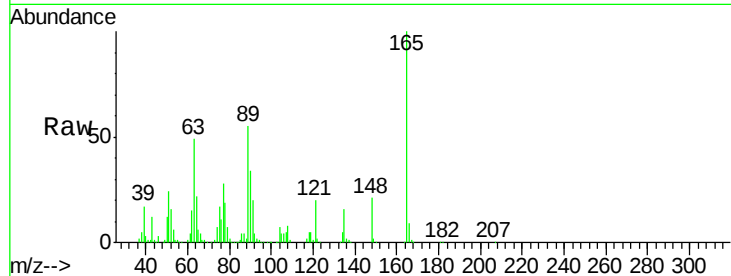
#51
2,6-Dinitrotoluene
Concen: 46.904 ng
RT: 14.13 min Scan# 1880
Delta R.T. -0.03 min
Lab File: BG044138.D
Acq: 21 Jan 2020 17:59

Instrument :
BNA_G
ClientSampleId :
B1-15-30MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	194225		
63	49.4		43.1	64.7
89	54.9		43.8	65.6

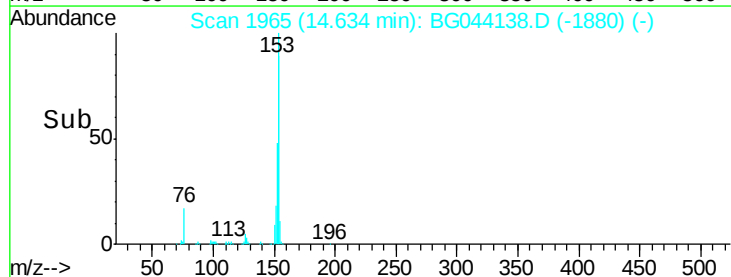
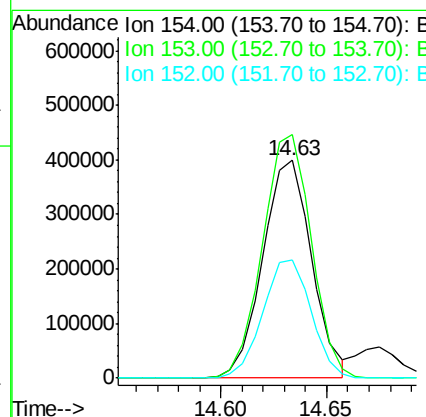
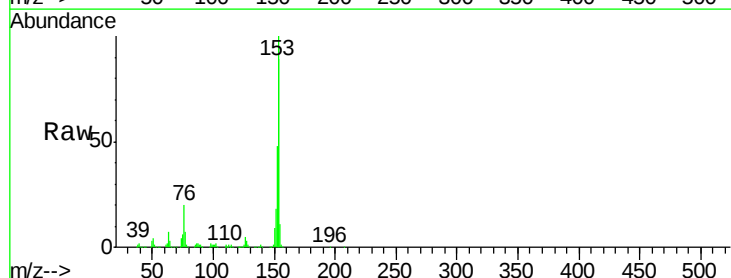
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#52
Acenaphthene
Concen: 42.730 ng
RT: 14.63 min Scan# 1965
Delta R.T. -0.03 min
Lab File: BG044138.D
Acq: 21 Jan 2020 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	643854		
153	111.8		91.6	137.4
152	54.1		45.4	68.0





#53

3-Nitroaniline

Concen: 23.435 ng

RT: 14.46 min Scan# 1936

Delta R.T. -0.03 min

Lab File: BG044138.D

Acq: 21 Jan 2020 17:59

Instrument :

BNA_G

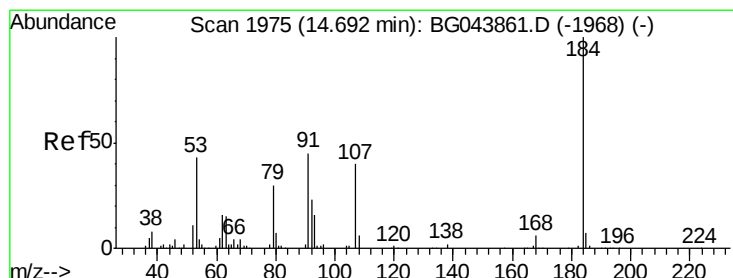
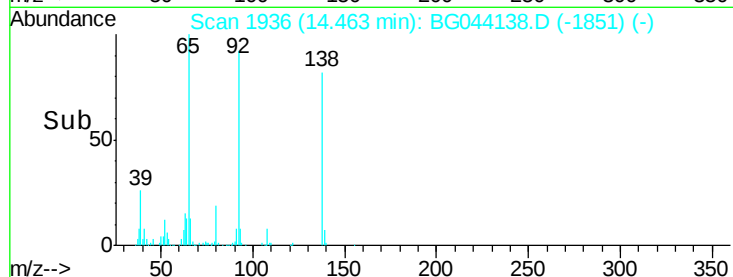
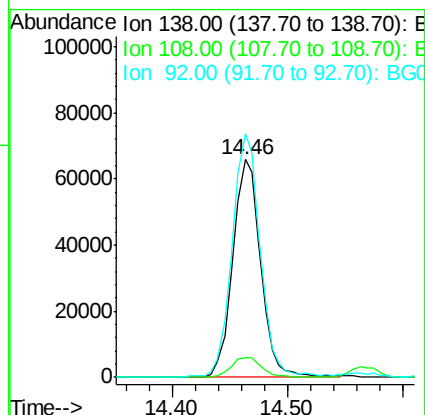
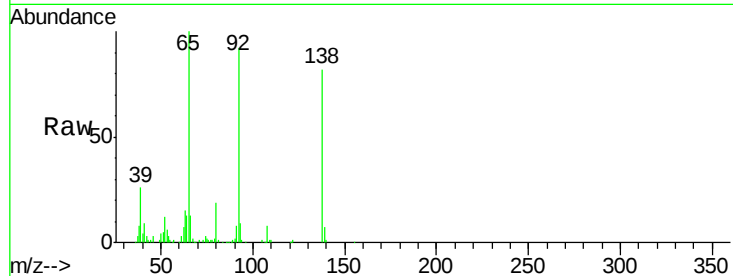
ClientSampleId :

B1-15-30MSD

Tot Ion:138	Resp:	110198
Ion Ratio	Lower	Upper
138	100	
108	9.3	7.4 11.2
92	111.9	92.1 138.1

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#54

2,4-Dinitrophenol

Concen: 78.452 ng

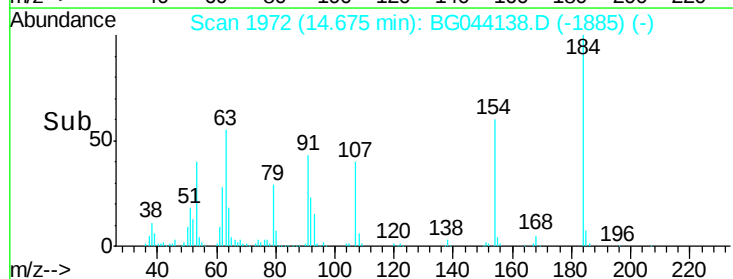
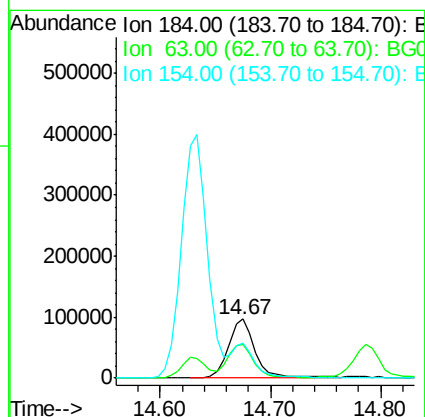
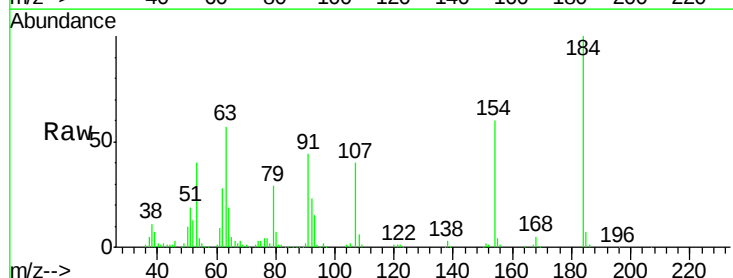
RT: 14.67 min Scan# 1972

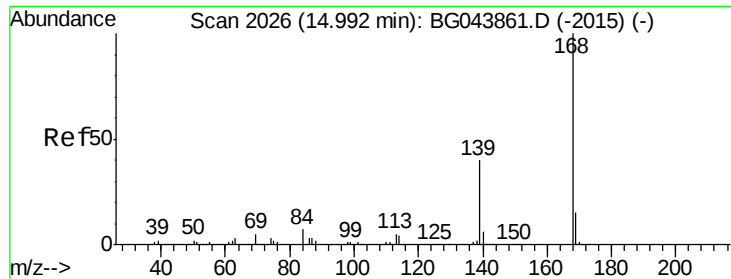
Delta R.T. -0.02 min

Lab File: BG044138.D

Acq: 21 Jan 2020 17:59

Tgt Ion:184	Resp:	165260
Ion Ratio	Lower	Upper
184	100	
63	56.6	46.6 70.0
154	59.7	50.2 75.4





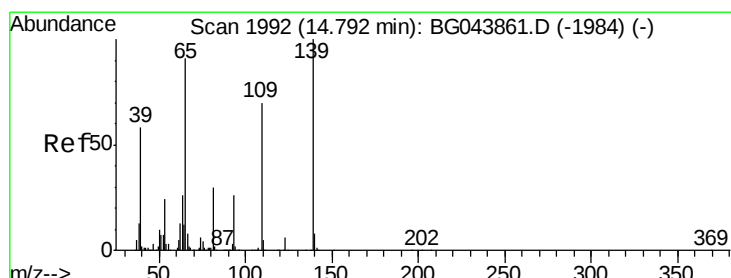
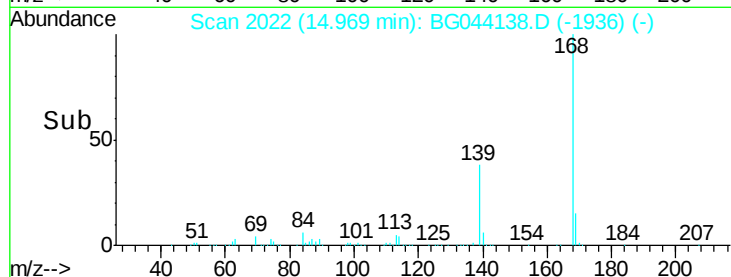
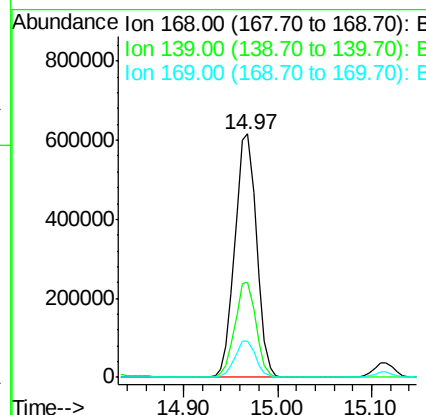
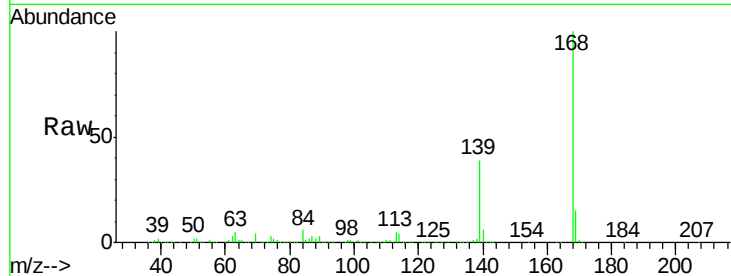
#55
Dibenzenofuran
Concen: 47.580 ng
RT: 14.97 min Scan# 2022
Delta R.T. -0.02 min
Lab File: BG044138.D
Acq: 21 Jan 2020 17:59

Instrument :
BNA_G
ClientSampleId :
B1-15-30MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.9	32.2	48.2
169	15.0	12.2	18.2

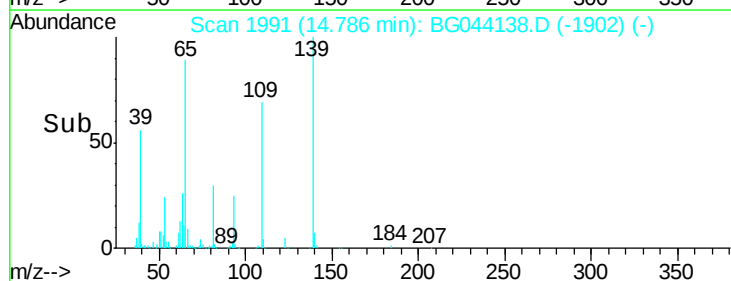
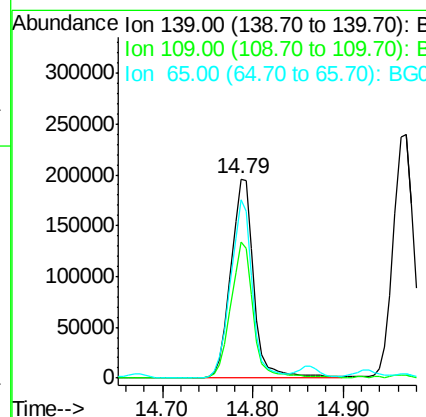
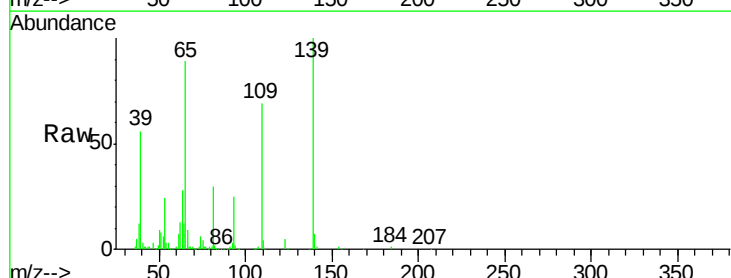
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#56
4-Nitrophenol
Concen: 96.521 ng
RT: 14.79 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BG044138.D
Acq: 21 Jan 2020 17:59

Tgt Ion	Ratio	Lower	Upper
139	100		
109	68.5	50.4	90.4
65	89.5	71.4	111.4





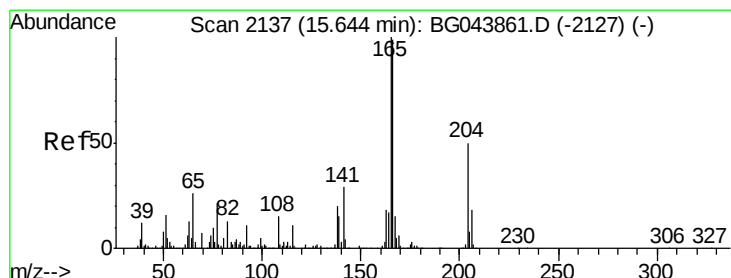
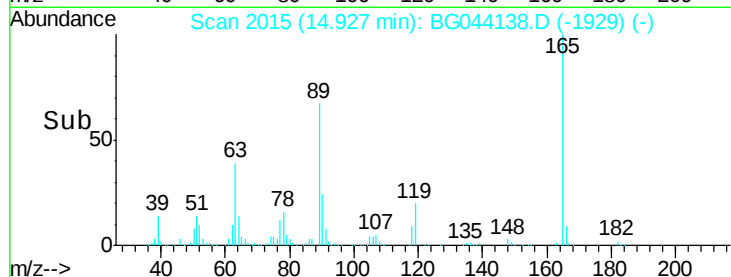
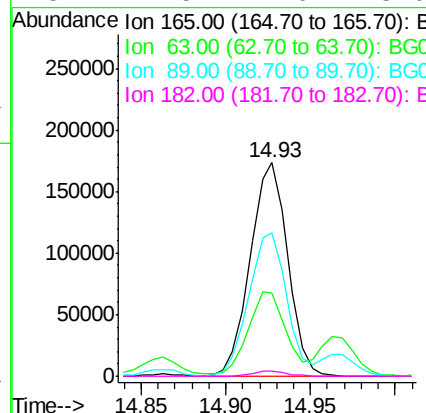
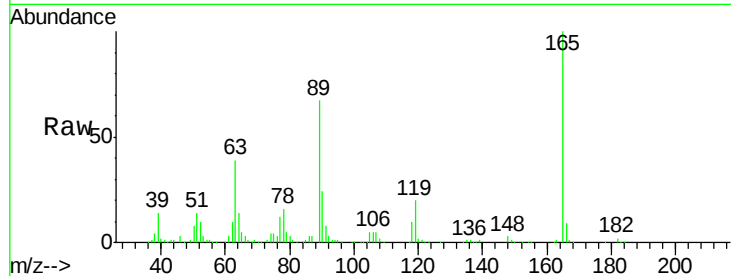
#57
2,4-Dinitrotoluene
Concen: 47.325 ng
RT: 14.93 min Scan# 2015
Delta R.T. -0.02 min
Lab File: BG044138.D
Acq: 21 Jan 2020 17:59

Instrument :
BNA_G
ClientSampleId :
B1-15-30MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	266650		
63	38.9	31.9	47.9	
89	67.0	53.8	80.6	
182	2.5	2.0	3.0	

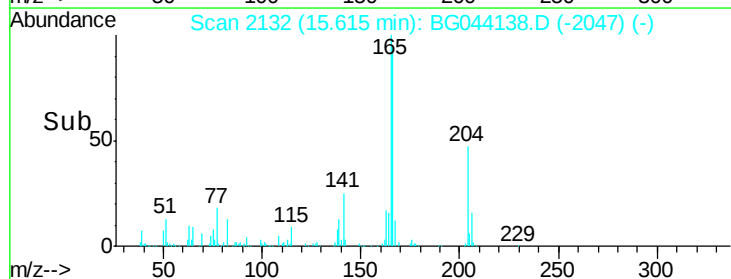
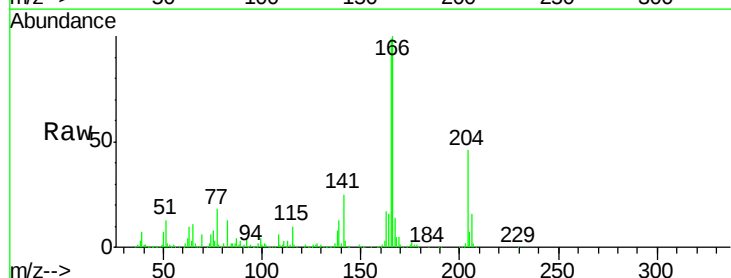
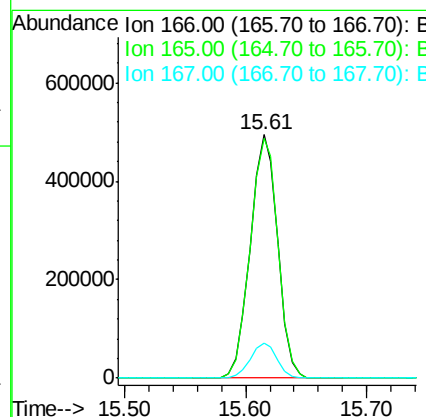
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#58
Fluorene
Concen: 47.347 ng
RT: 15.61 min Scan# 2132
Delta R.T. -0.03 min
Lab File: BG044138.D
Acq: 21 Jan 2020 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	778421		
165	98.7	80.8	121.2	
167	14.5	12.1	18.1	





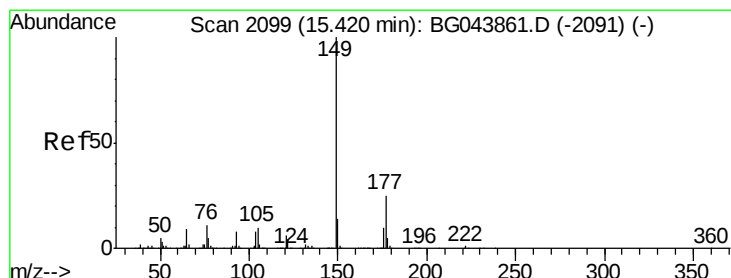
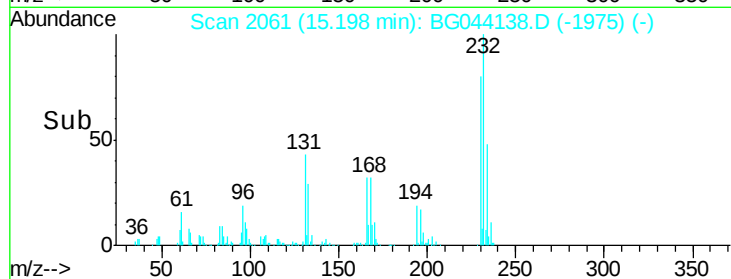
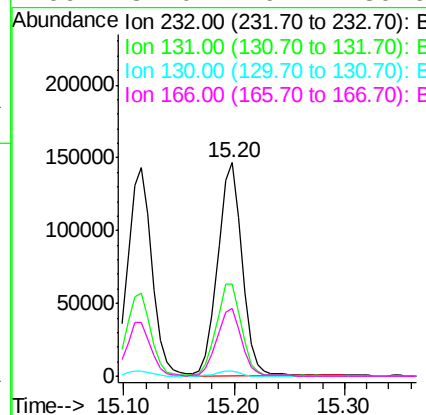
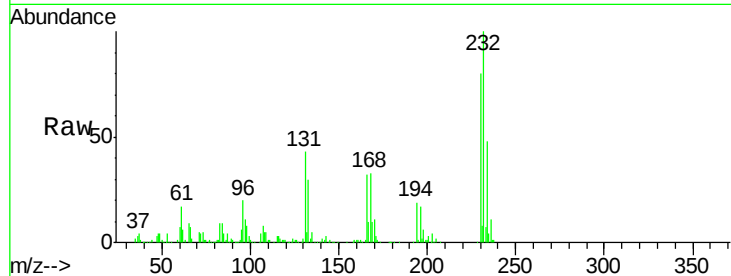
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.523 ng
 RT: 15.20 min Scan# 2061
 Delta R.T. -0.02 min
 Lab File: BG044138.D
 Acq: 21 Jan 2020 17:59

Instrument :
 BNA_G
 ClientSampleId :
 B1-15-30MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		223932		
131	44.6	38.2	57.2		
130	2.5	2.2	3.2		
166	32.0	26.4	39.6		

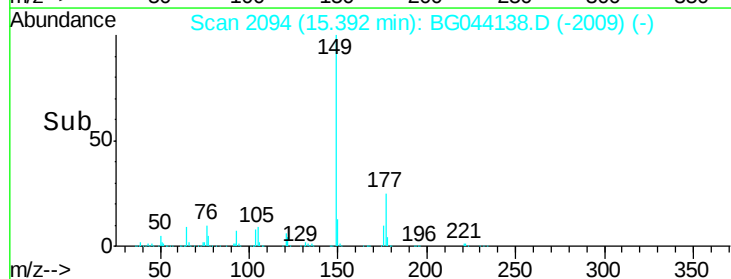
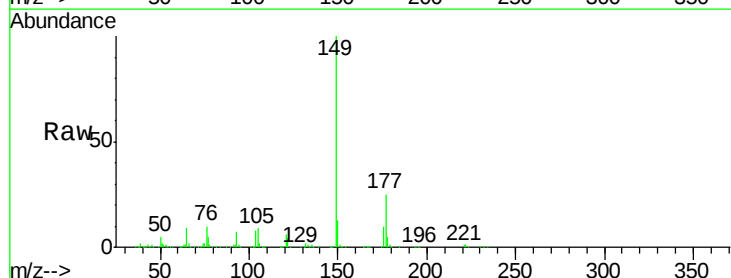
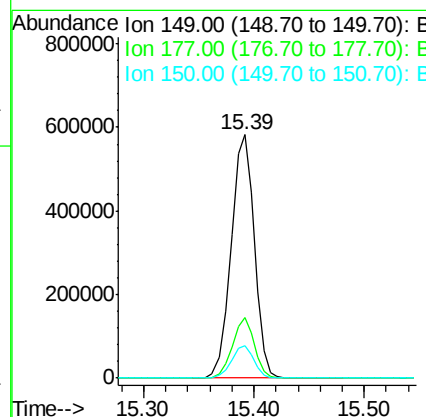
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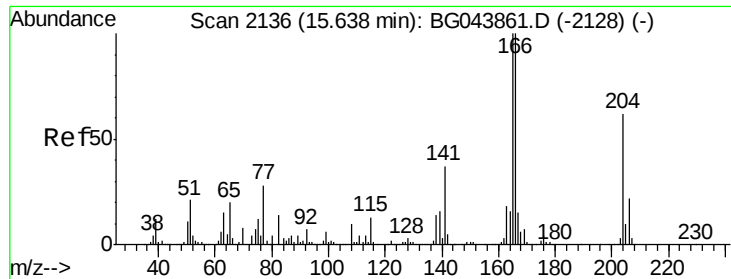
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#60
 Diethylphthalate
 Concen: 46.651 ng
 RT: 15.39 min Scan# 2094
 Delta R.T. -0.03 min
 Lab File: BG044138.D
 Acq: 21 Jan 2020 17:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		854829		
177	24.6	20.0	30.0		
150	13.4	11.1	16.7		





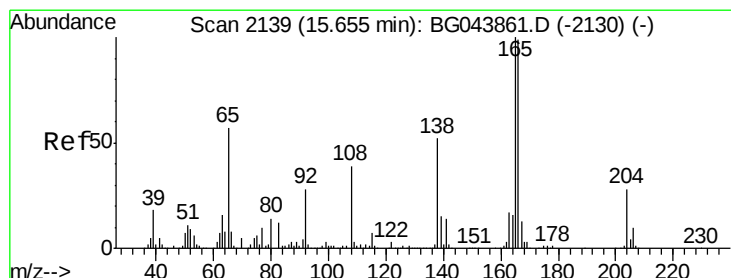
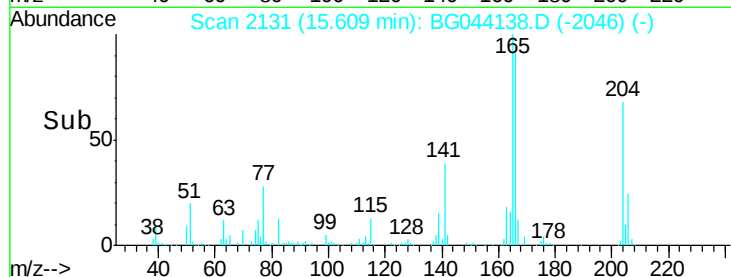
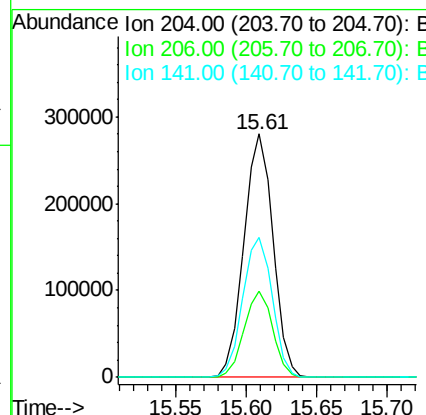
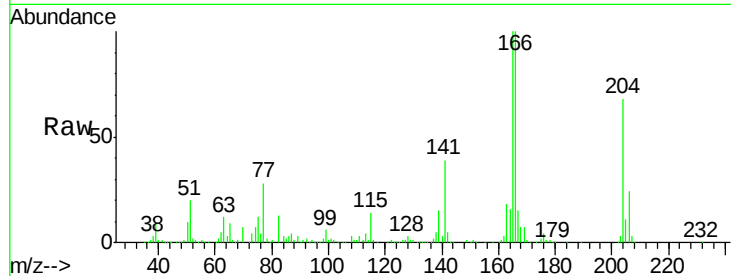
#61
4-Chlorophenyl-phenylether
Concen: 45.399 ng
RT: 15.61 min Scan# 2131
Delta R.T. -0.03 min
Lab File: BG044138.D
Acq: 21 Jan 2020 17:59

Instrument :
BNA_G
ClientSampleId :
B1-15-30MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.6	28.2	42.2
141	57.5	48.2	72.2

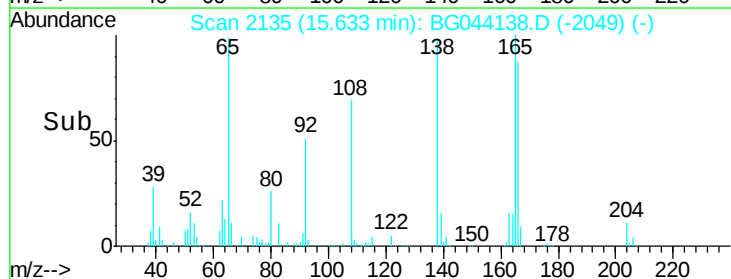
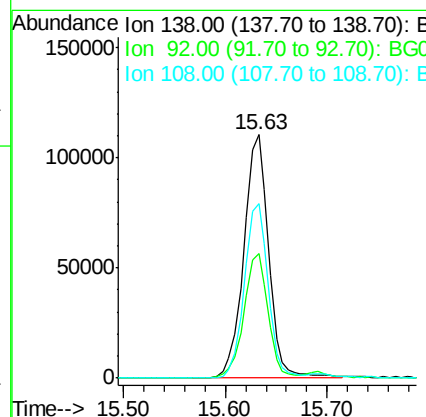
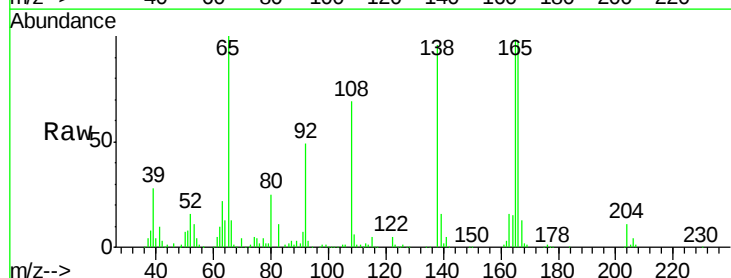
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#62
4-Nitroaniline
Concen: 40.668 ng
RT: 15.63 min Scan# 2135
Delta R.T. -0.02 min
Lab File: BG044138.D
Acq: 21 Jan 2020 17:59

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.4	34.3	74.3
108	71.8	55.0	95.0





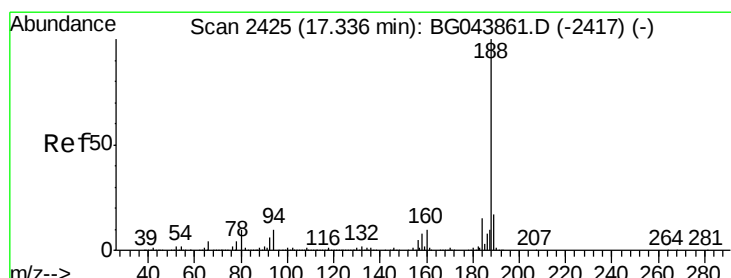
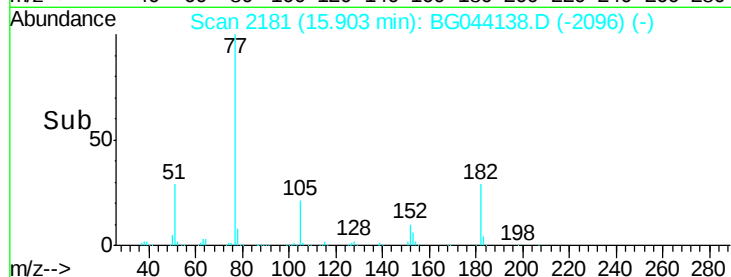
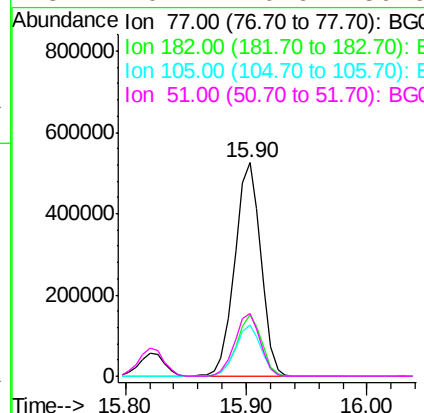
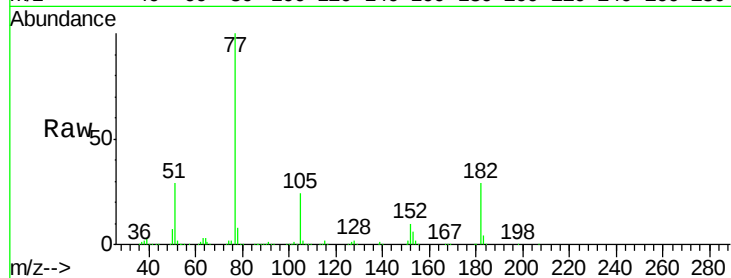
#63
Azobenzene
Concen: 46.403 ng
RT: 15.90 min Scan# 2181
Delta R.T. -0.03 min
Lab File: BG044138.D
Acq: 21 Jan 2020 17:59

Instrument :
BNA_G
ClientSampleId :
B1-15-30MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		788549		
182	28.5	7.3	47.3		
105	23.7	3.2	43.2		
51	29.2	10.6	50.6		

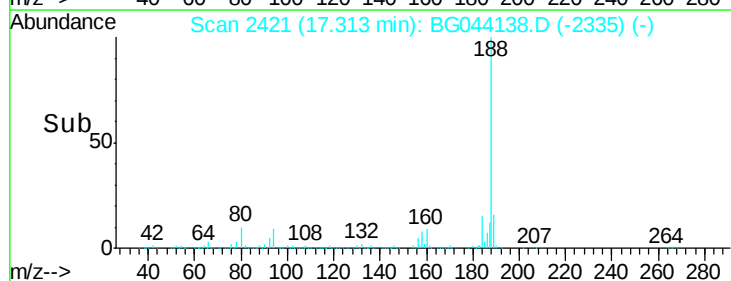
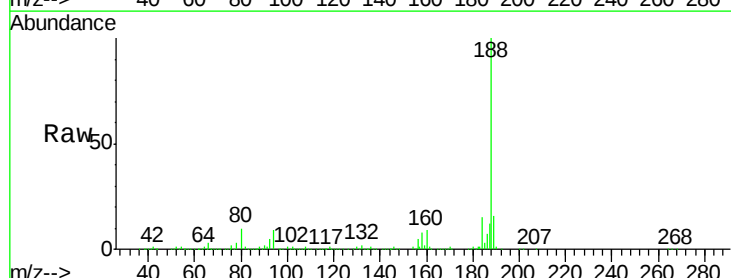
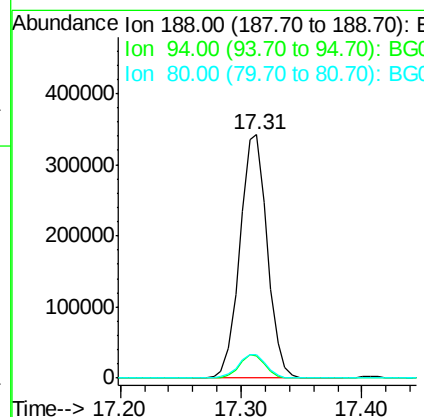
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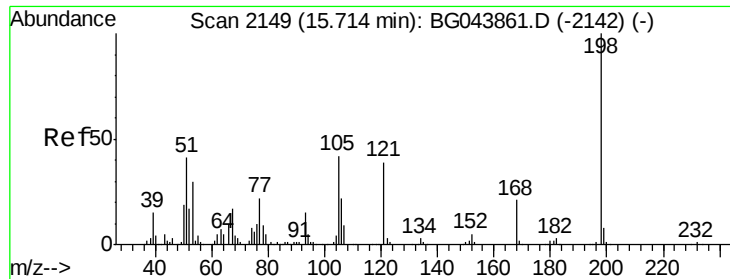
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2421
Delta R.T. -0.02 min
Lab File: BG044138.D
Acq: 21 Jan 2020 17:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		537785		
94	8.9	7.9	11.9		
80	9.7	8.2	12.4		





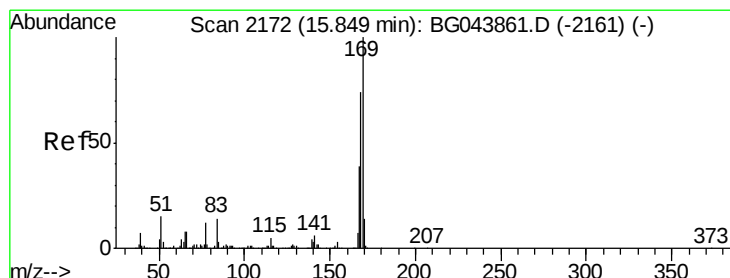
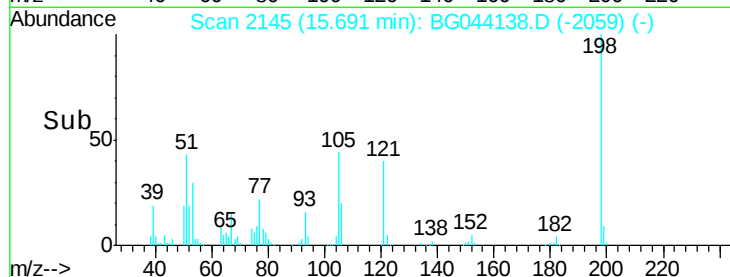
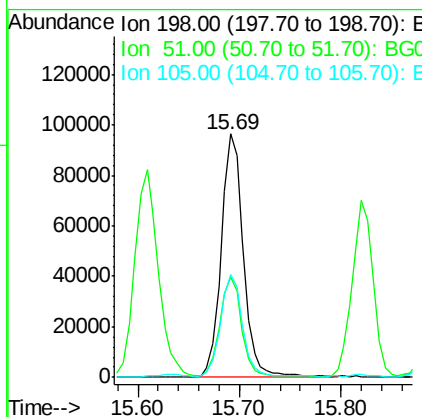
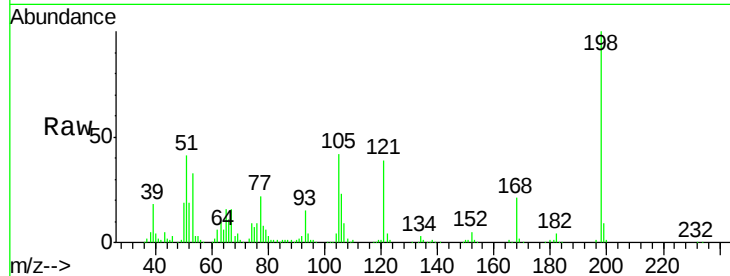
#65
 4,6-Dinitro-2-methylphenol
 Concen: 52.490 ng
 RT: 15.69 min Scan# 2145
 Delta R.T. -0.02 min
 Lab File: BG044138.D
 Acq: 21 Jan 2020 17:59

Instrument :
 BNA_G
 ClientSampleId :
 B1-15-30MSD

Tot Ion:	198	Resp:	146691
Ion Ratio	Lower	Upper	
198	100		
51	41.4	22.5	62.5
105	42.2	22.3	62.3

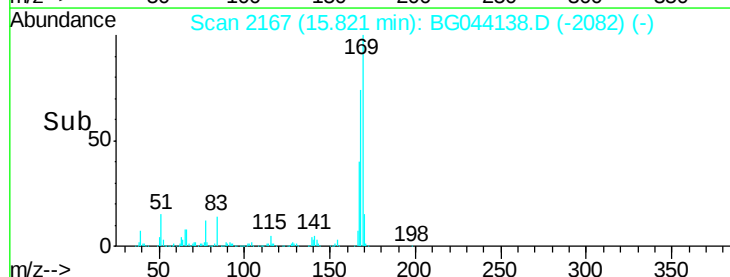
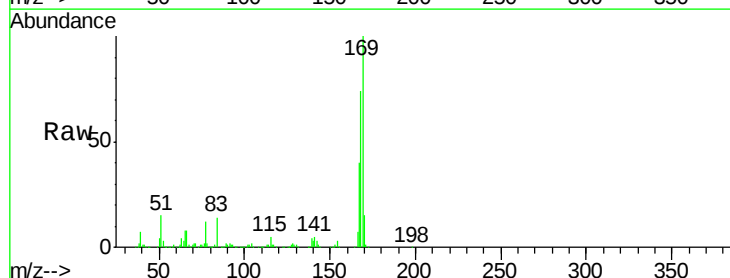
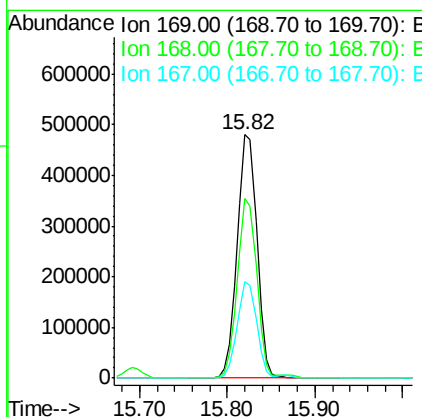
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#66
 n-Nitrosodiphenylamine
 Concen: 45.959 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. -0.03 min
 Lab File: BG044138.D
 Acq: 21 Jan 2020 17:59

Tgt Ion:	169	Resp:	727852
Ion Ratio	Lower	Upper	
169	100		
168	73.6	59.0	88.6
167	39.5	31.4	47.0





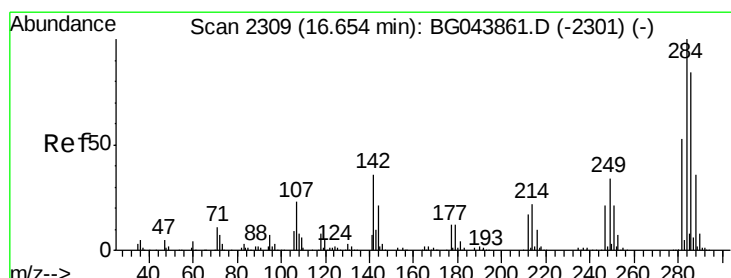
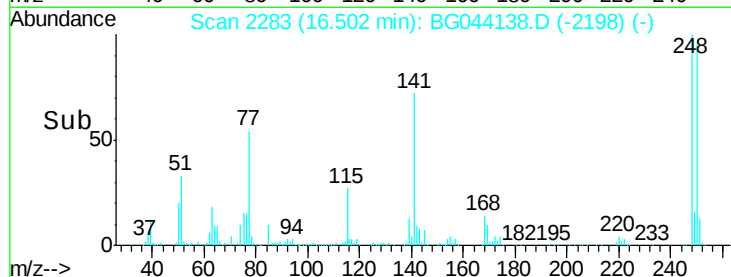
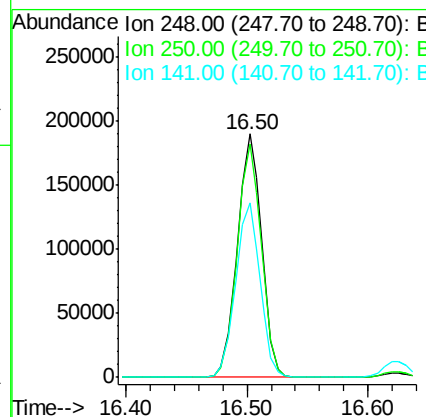
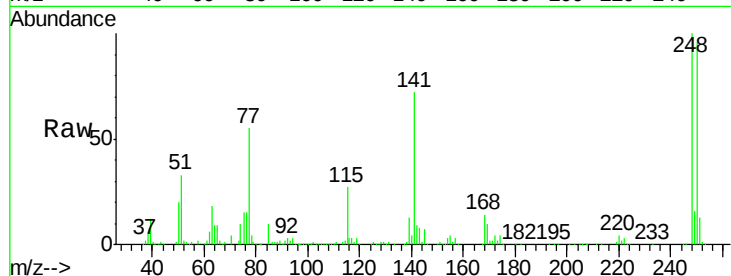
#67
 4-Bromophenyl-phenylether
 Concen: 43.911 ng
 RT: 16.50 min Scan# 2283
 Delta R.T. -0.03 min
 Lab File: BG044138.D
 Acq: 21 Jan 2020 17:59

Instrument :
 BNA_G
 ClientSampleId :
 B1-15-30MSD

Tot Ion:	248	Resp:	265594
Ion Ratio	Lower	Upper	
248	100		
250	96.0	78.2	117.2
141	71.5	59.3	88.9

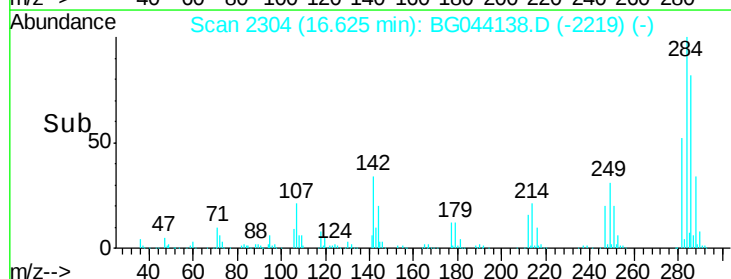
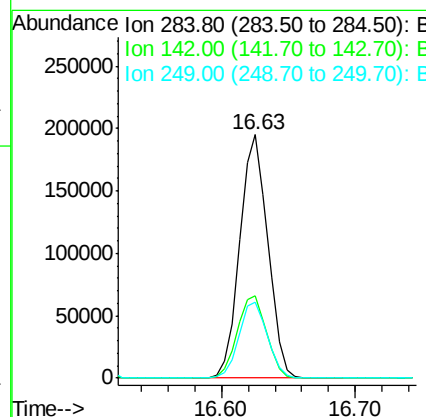
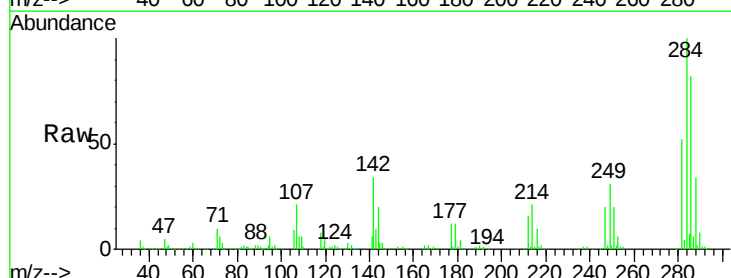
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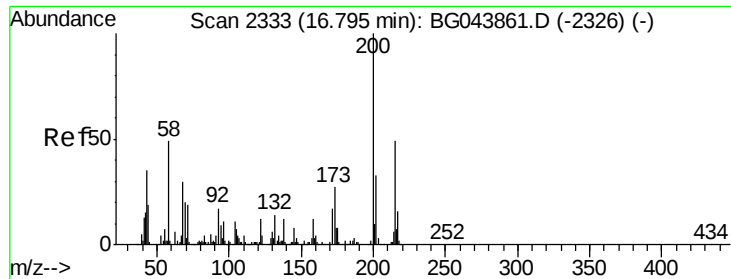
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#68
 Hexachlorobenzene
 Concen: 43.523 ng
 RT: 16.63 min Scan# 2304
 Delta R.T. -0.03 min
 Lab File: BG044138.D
 Acq: 21 Jan 2020 17:59

Tgt Ion:	284	Resp:	283656
Ion Ratio	Lower	Upper	
284	100		
142	33.7	28.6	43.0
249	31.4	27.0	40.6





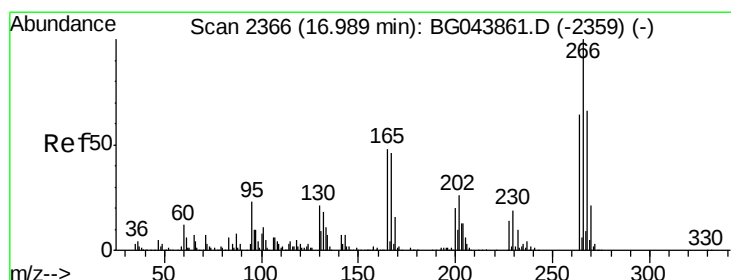
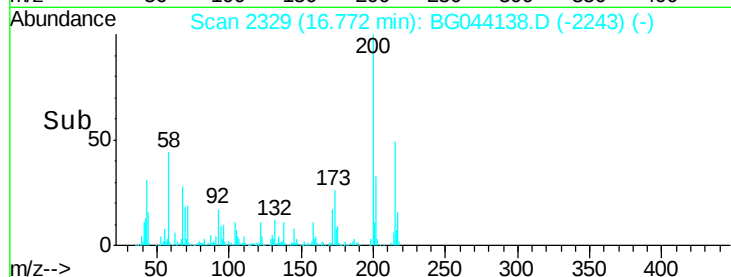
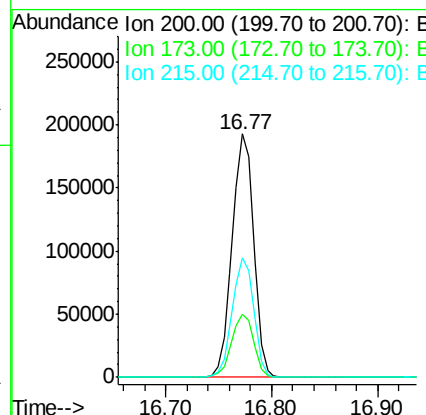
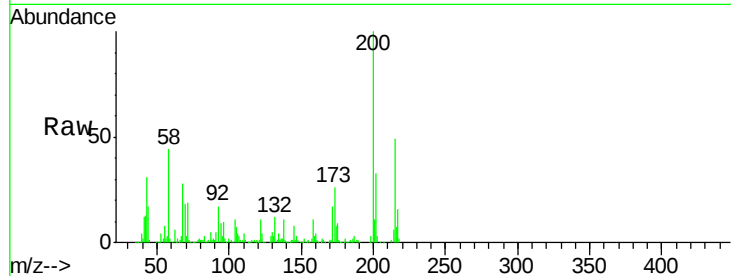
#69
Atrazine
Concen: 52.535 ng
RT: 16.77 min Scan# 2329
Delta R.T. -0.02 min
Lab File: BG044138.D
Acq: 21 Jan 2020 17:59

Instrument :
BNA_G
ClientSampleId :
B1-15-30MSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	270443		
173	25.8	6.6	46.6	
215	49.0	28.6	68.6	

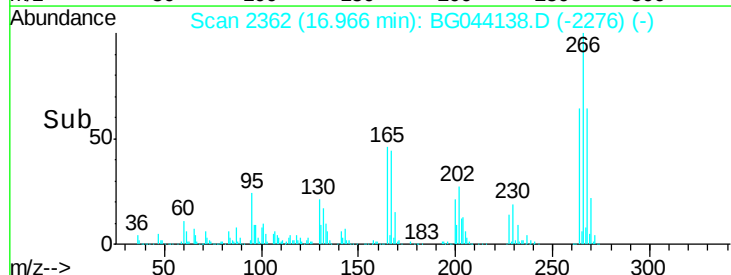
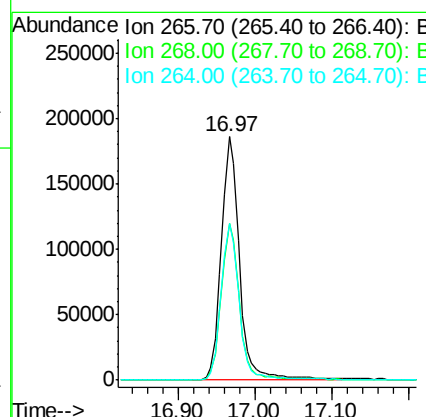
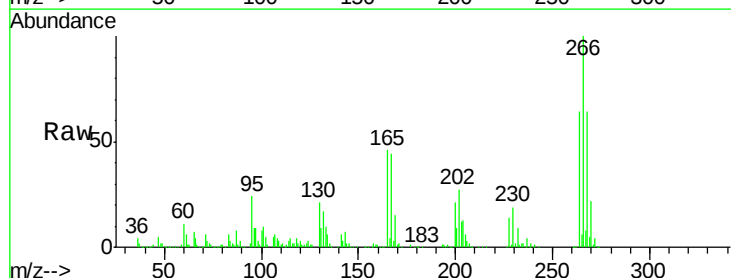
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#70
Pentachlorophenol
Concen: 84.764 ng
RT: 16.97 min Scan# 2362
Delta R.T. -0.02 min
Lab File: BG044138.D
Acq: 21 Jan 2020 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	304534		
268	64.4	52.6	79.0	
264	64.5	50.8	76.2	





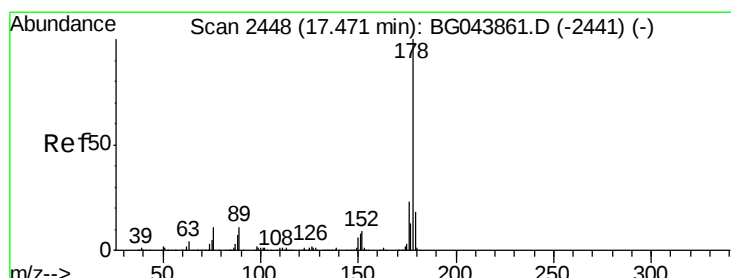
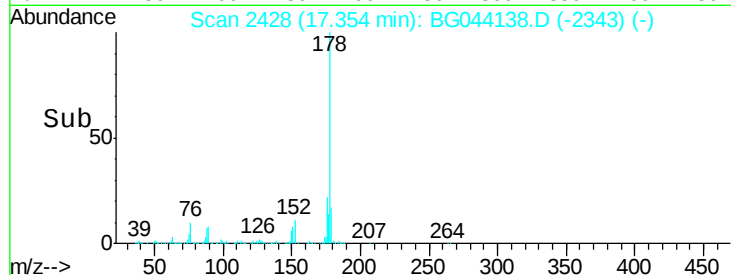
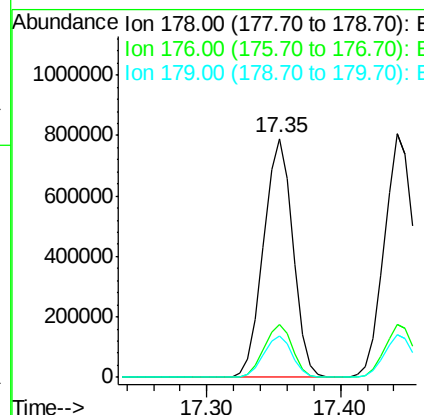
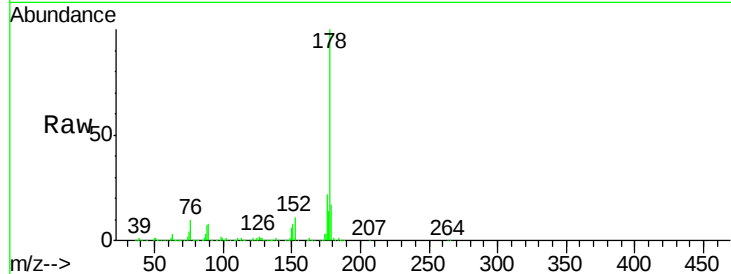
#71
Phenanthrene
Concen: 46.620 ng
RT: 17.35 min Scan# 2428
Delta R.T. -0.03 min
Lab File: BG044138.D
Acq: 21 Jan 2020 17:59

Instrument :
BNA_G
ClientSampleId :
B1-15-30MSD

Tot Ion:178 Resp: 1202565
Ion Ratio Lower Upper
178 100
176 22.1 18.6 28.0
179 17.3 14.4 21.6

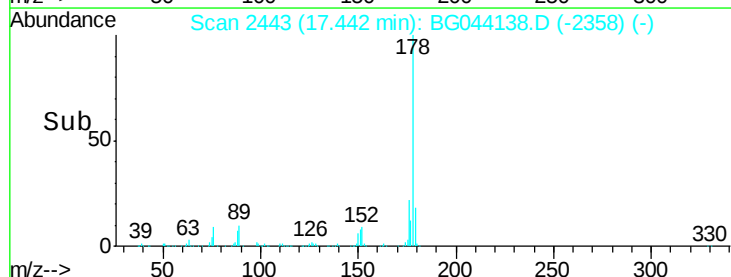
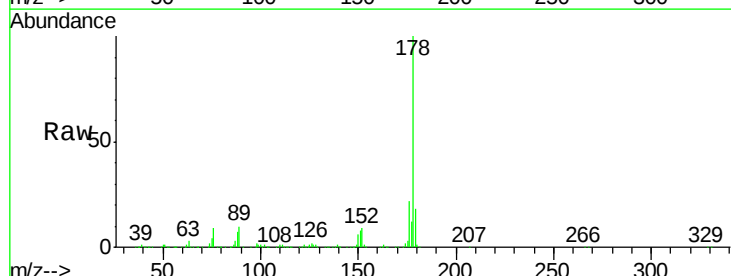
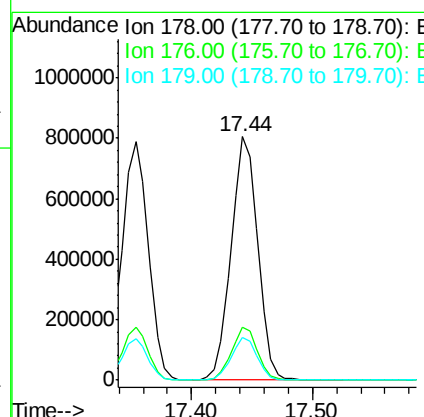
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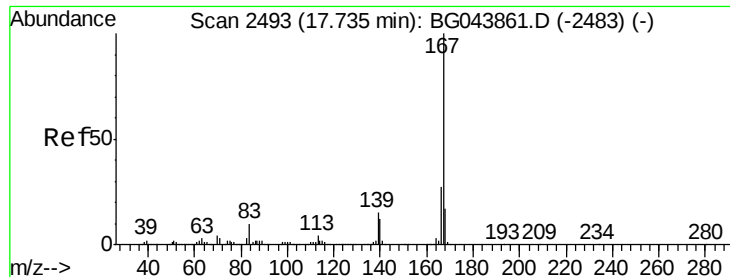
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#72
Anthracene
Concen: 48.265 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.03 min
Lab File: BG044138.D
Acq: 21 Jan 2020 17:59

Tgt Ion:178 Resp: 1230398
Ion Ratio Lower Upper
178 100
176 22.0 18.3 27.5
179 17.6 14.6 22.0





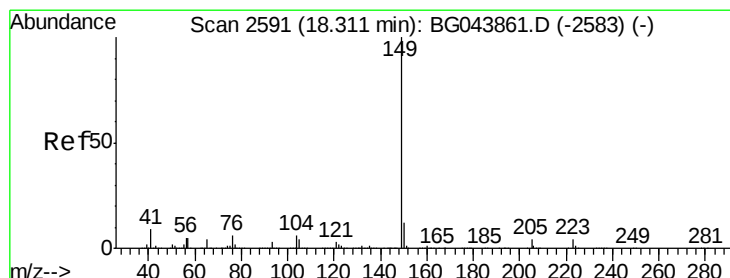
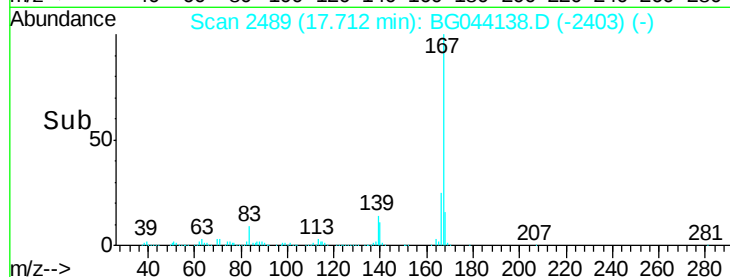
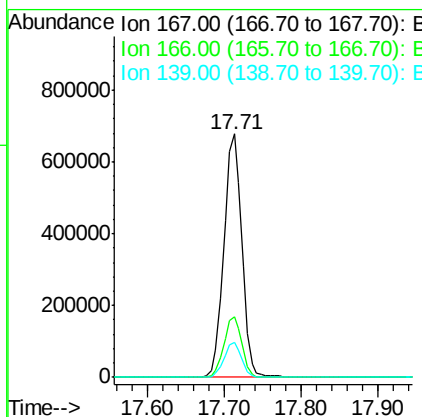
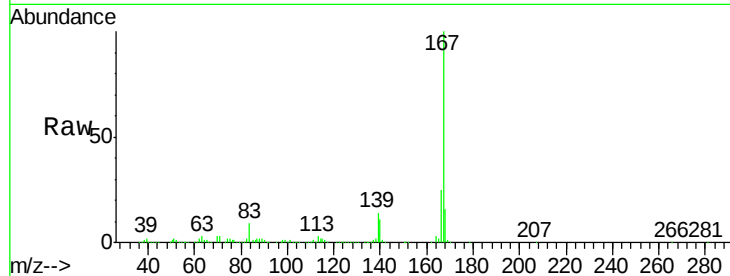
#73
 Carbazole
 Concen: 46.861 ng
 RT: 17.71 min Scan# 2489
 Delta R.T. -0.02 min
 Lab File: BG044138.D
 Acq: 21 Jan 2020 17:59

Instrument :
 BNA_G
 ClientSampleId :
 B1-15-30MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	25.0	21.6	32.4
139	14.2	12.1	18.1

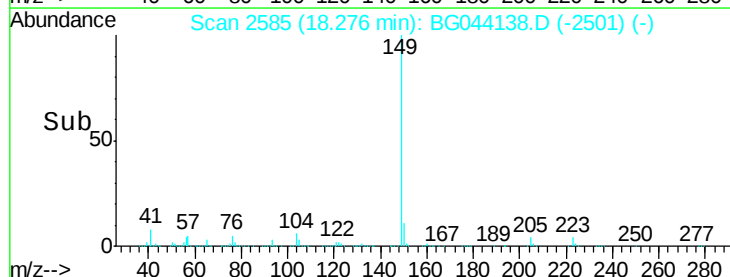
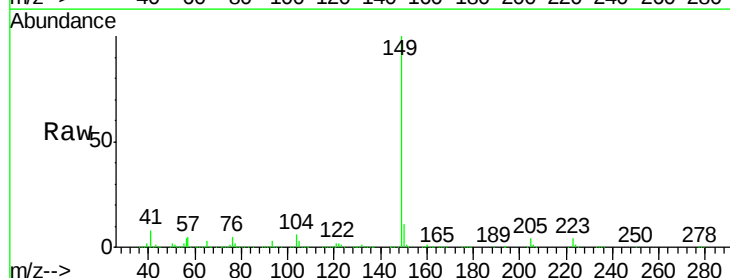
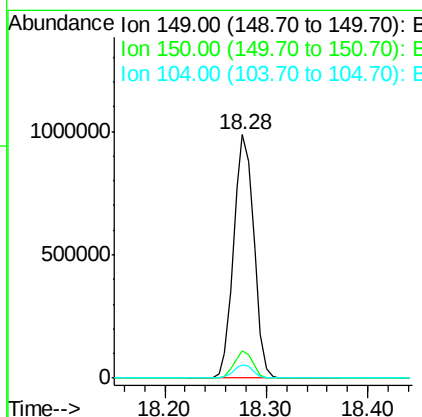
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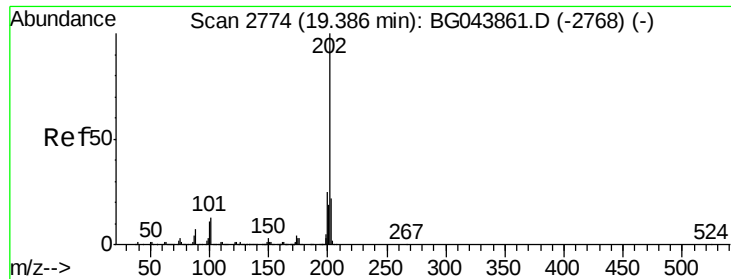
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#74
 Di-n-butylphthalate
 Concen: 45.280 ng
 RT: 18.28 min Scan# 2585
 Delta R.T. -0.03 min
 Lab File: BG044138.D
 Acq: 21 Jan 2020 17:59

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.0	9.7	14.5
104	5.6	5.0	7.4





#75

Fluoranthene

Concen: 46.320 ng

RT: 19.36 min Scan# 2770

Delta R.T. -0.02 min

Lab File: BG044138.D

Acq: 21 Jan 2020 17:59

Instrument :

BNA_G

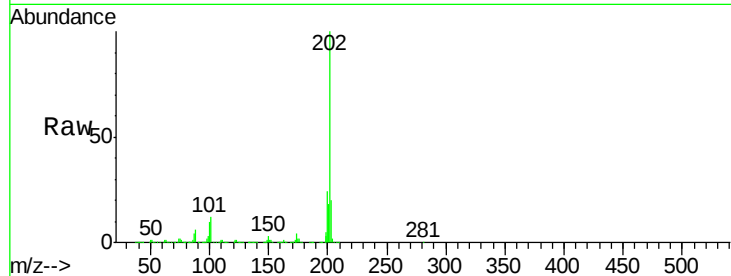
ClientSampleId :

B1-15-30MSD

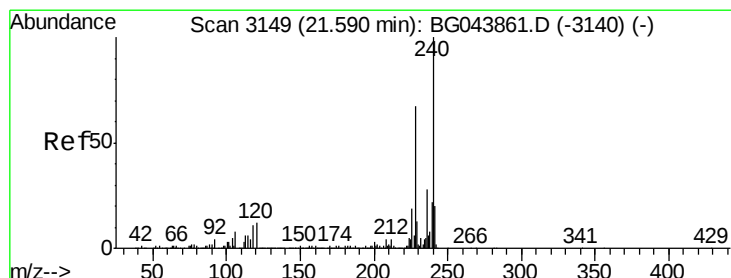
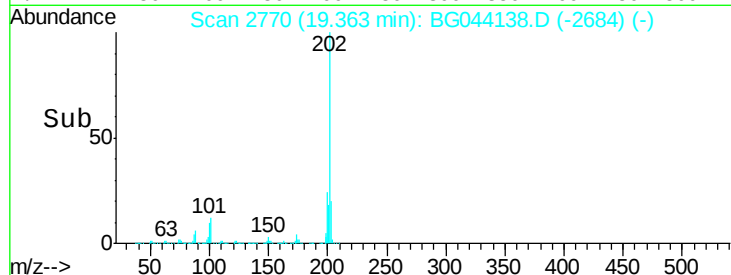
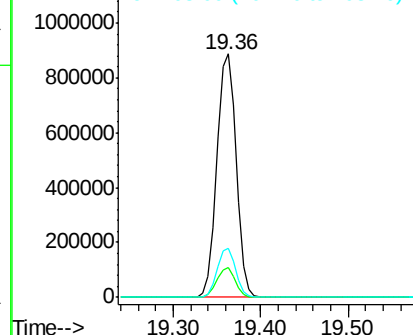
Tot Ion:	202	Resp:	1366457
Ion Ratio	Lower	Upper	
202	100		
101	12.2	0.0	33.3
203	20.1	1.6	41.6

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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.56 min Scan# 3144

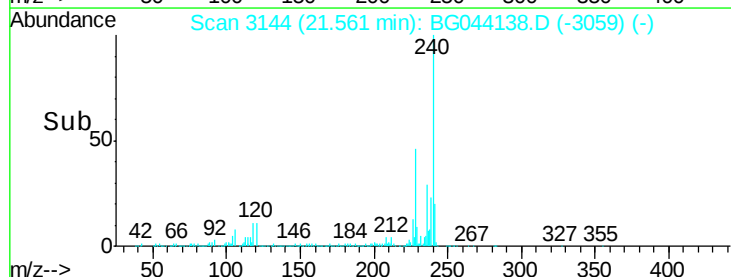
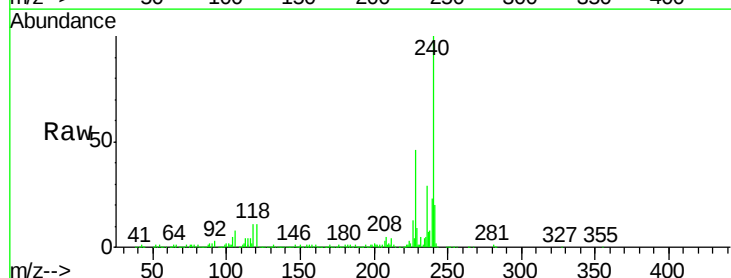
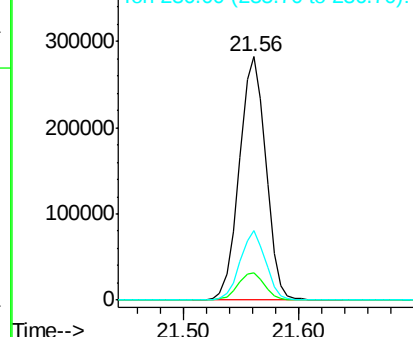
Delta R.T. -0.03 min

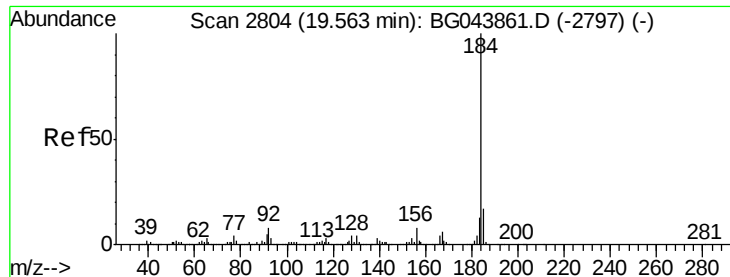
Lab File: BG044138.D

Acq: 21 Jan 2020 17:59

Tgt Ion:	240	Resp:	449227
Ion Ratio	Lower	Upper	
240	100		
120	11.1	9.6	14.4
236	28.5	22.2	33.2

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





#77

Benzidine

Concen: 38.081 ng

RT: 19.54 min Scan# 2800

Delta R.T. -0.02 min

Lab File: BG044138.D

Acq: 21 Jan 2020 17:59

Instrument :

BNA_G

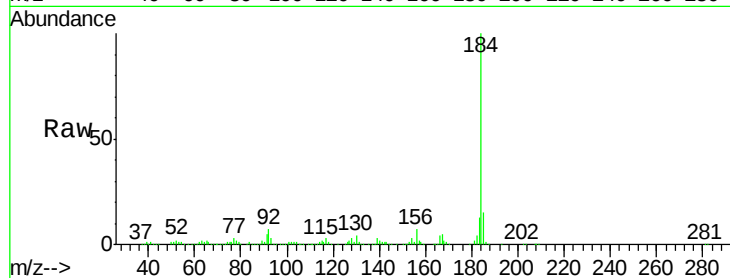
ClientSampleId :

B1-15-30MSD

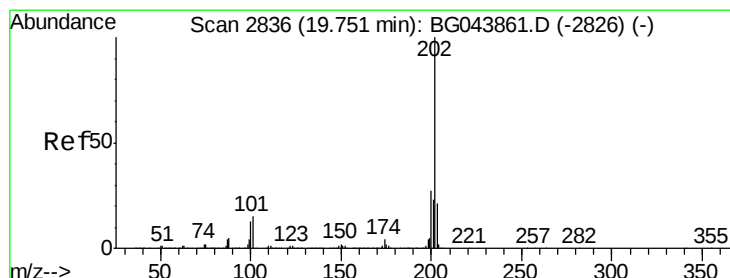
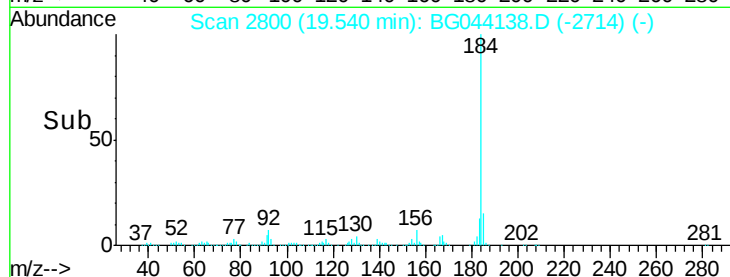
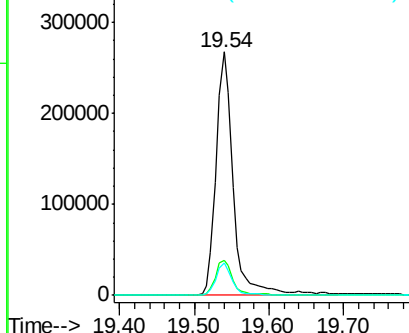
Tot Ion	Ratio	Lower	Upper
184	100		
185	14.5	13.4	20.0
183	13.2	10.6	15.8

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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: 46.672 ng

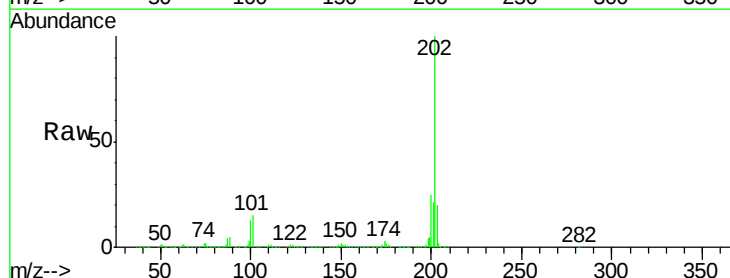
RT: 19.72 min Scan# 2831

Delta R.T. -0.03 min

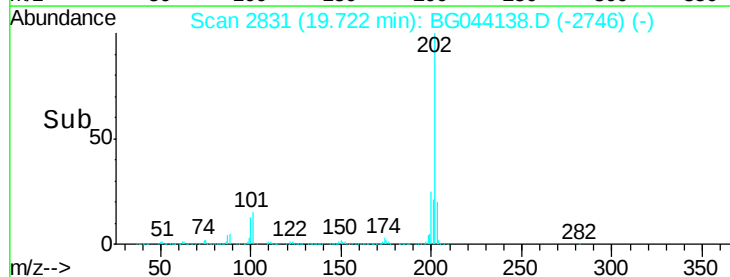
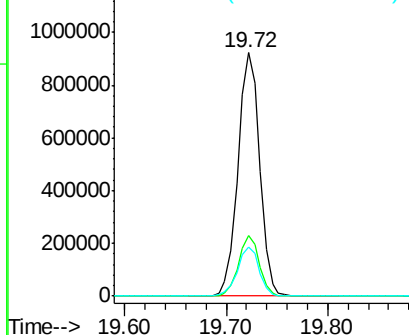
Lab File: BG044138.D

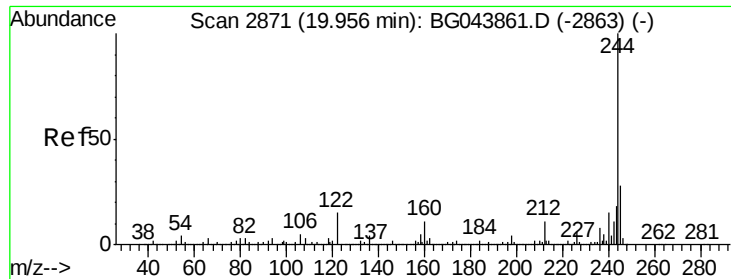
Acq: 21 Jan 2020 17:59

Tgt Ion	Ratio	Lower	Upper
202	100		
200	25.1	21.7	32.5
203	20.2	17.0	25.6



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





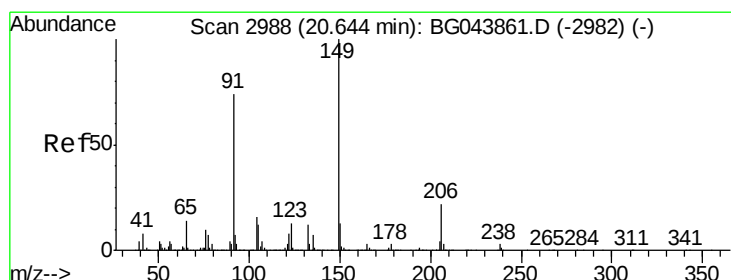
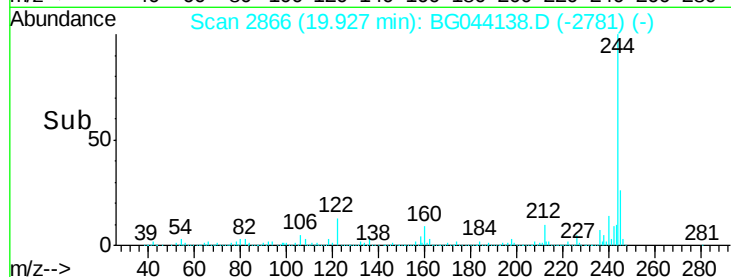
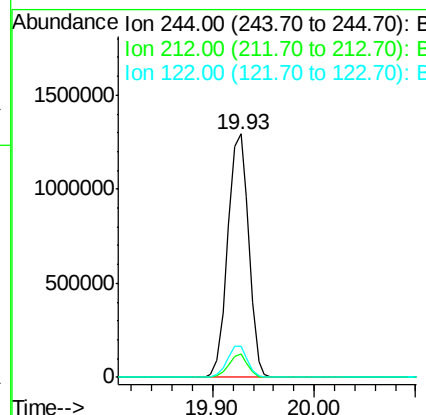
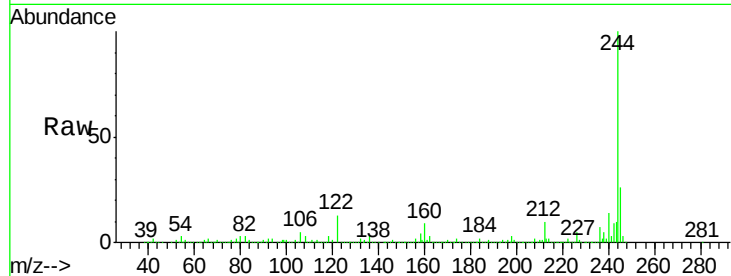
#79
 Terphenyl-d14
 Concen: 106.007 ng
 RT: 19.93 min Scan# 2866
 Delta R.T. -0.03 min
 Lab File: BG044138.D
 Acq: 21 Jan 2020 17:59

Instrument :
 BNA_G
 ClientSampleId :
 B1-15-30MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.6	8.6	13.0
122	12.9	11.9	17.9

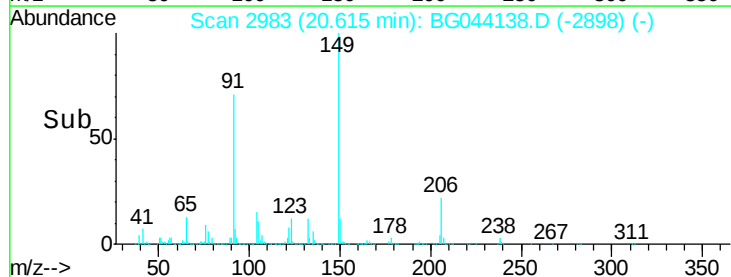
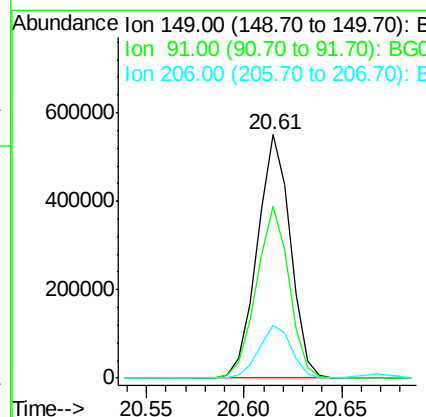
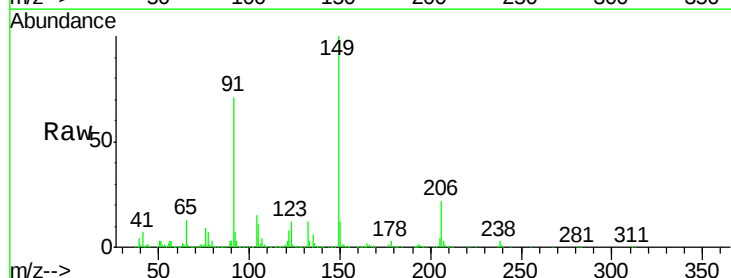
Manual Integrations
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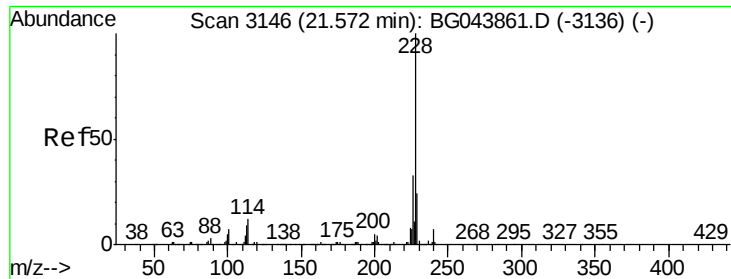
mohammad
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#80
 Butylbenzylphthalate
 Concen: 46.107 ng
 RT: 20.61 min Scan# 2983
 Delta R.T. -0.03 min
 Lab File: BG044138.D
 Acq: 21 Jan 2020 17:59

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.7	59.5	89.3
206	21.7	17.8	26.6





#81

Benzo(a)anthracene

Concen: 46.889 ng

RT: 21.54 min Scan# 3140

Delta R.T. -0.03 min

Lab File: BG044138.D

Acq: 21 Jan 2020 17:59

Instrument :

BNA_G

ClientSampleId :

B1-15-30MSD

Tot Ion:228 Resp: 1306096

Ion Ratio Lower Upper

228 100

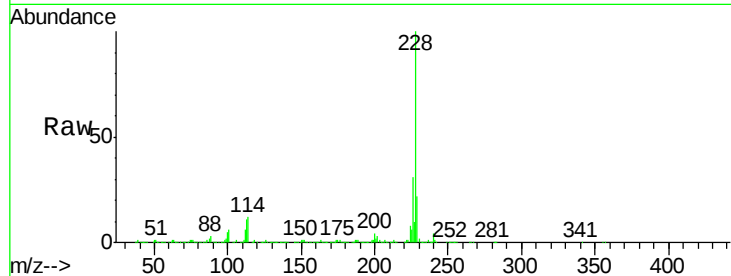
226 30.7 26.2 39.4

229 22.2 18.9 28.3

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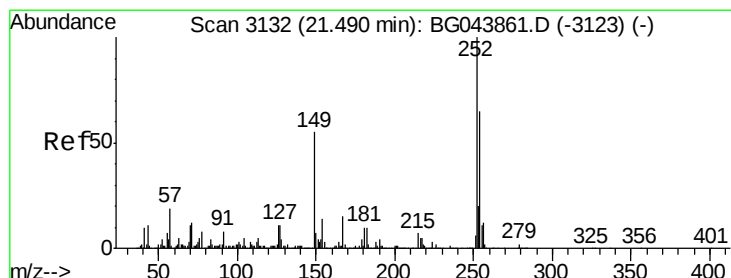
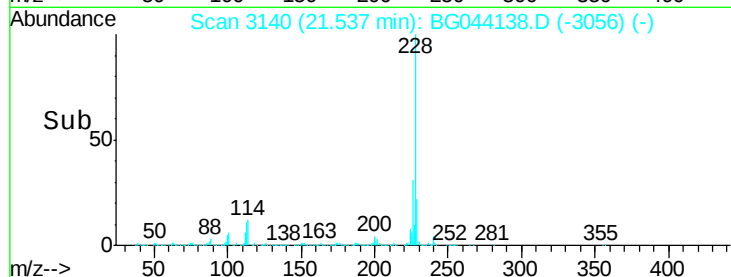
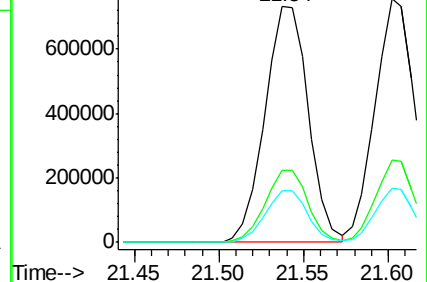
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 25.041 ng

RT: 21.46 min Scan# 3126

Delta R.T. -0.03 min

Lab File: BG044138.D

Acq: 21 Jan 2020 17:59

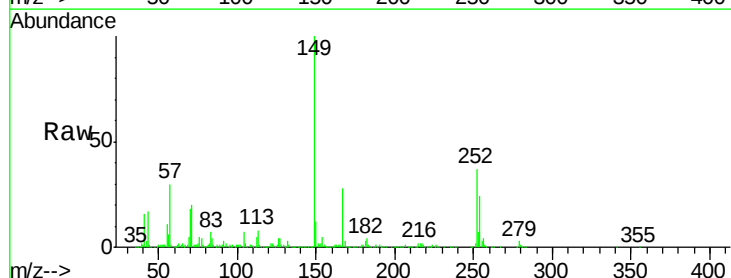
Tgt Ion:252 Resp: 275577

Ion Ratio Lower Upper

252 100

254 64.7 52.1 78.1

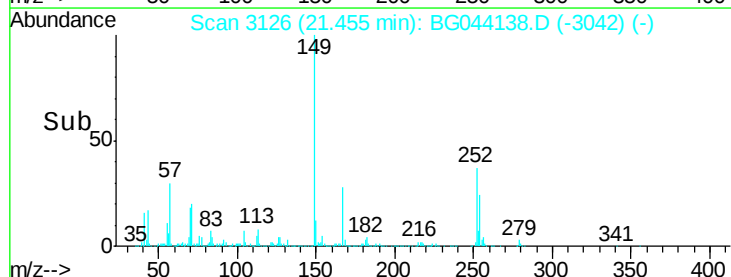
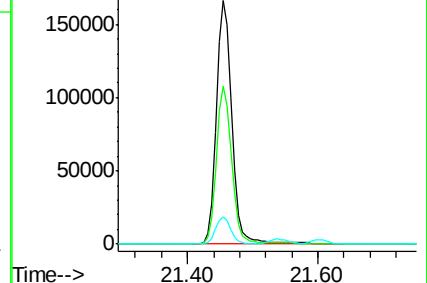
126 11.4 9.1 13.7

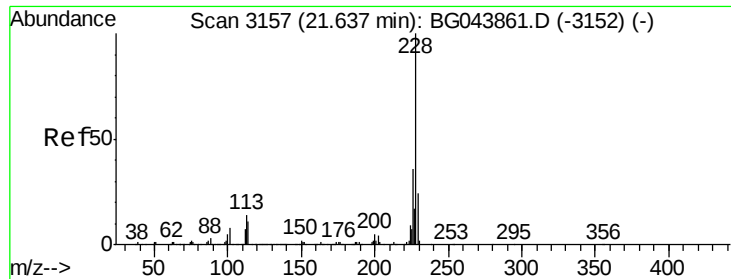


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





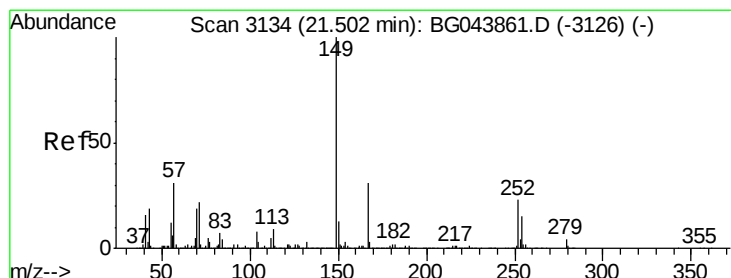
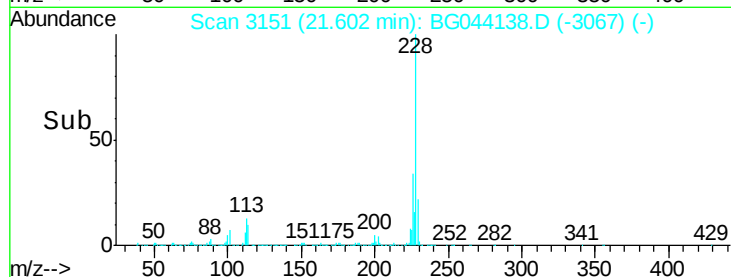
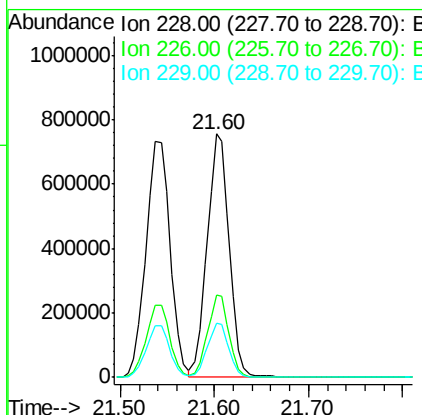
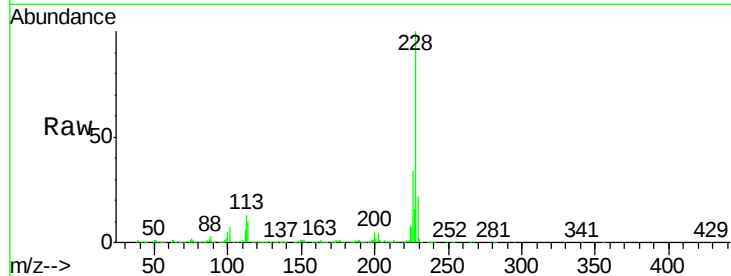
#83
Chrysene
Concen: 46.861 ng
RT: 21.60 min Scan# 3151
Delta R.T. -0.03 min
Lab File: BG044138.D
Acq: 21 Jan 2020 17:59

Instrument :
BNA_G
ClientSampleId :
B1-15-30MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.9	28.8	43.2
229	22.3	19.0	28.6

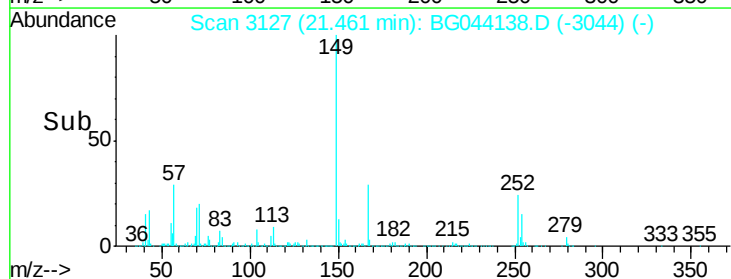
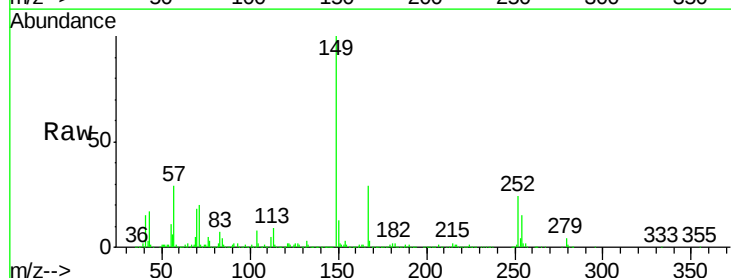
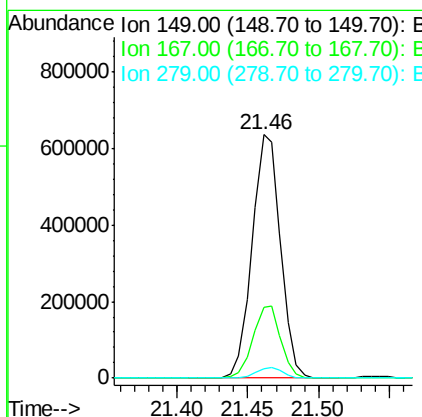
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#84
Bis(2-ethylhexyl)phthalate
Concen: 46.666 ng
RT: 21.46 min Scan# 3127
Delta R.T. -0.04 min
Lab File: BG044138.D
Acq: 21 Jan 2020 17:59

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.1	24.7	37.1
279	3.9	3.3	4.9





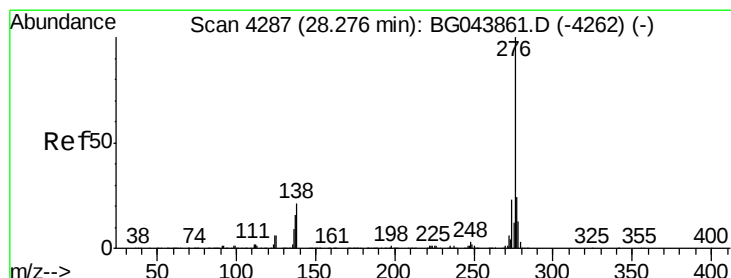
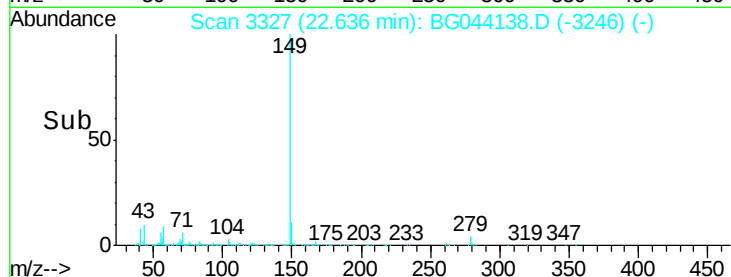
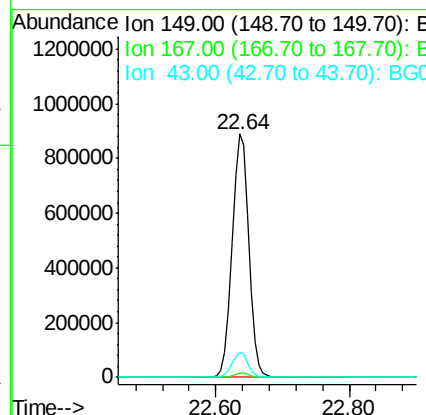
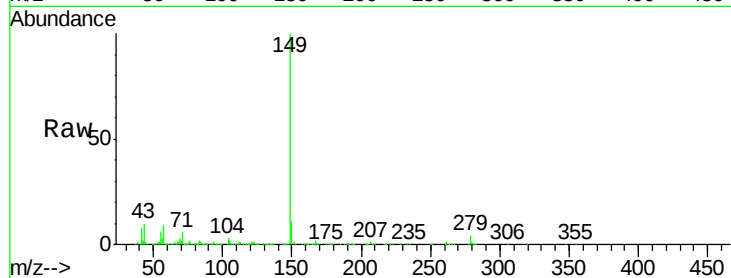
#85
Di-n-octyl phthalate
Concen: 48.459 ng
RT: 22.64 min Scan# 3327
Delta R.T. -0.05 min
Lab File: BG044138.D
Acq: 21 Jan 2020 17:59

Instrument :
BNA_G
ClientSampleId :
B1-15-30MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	9.8	8.8	13.2

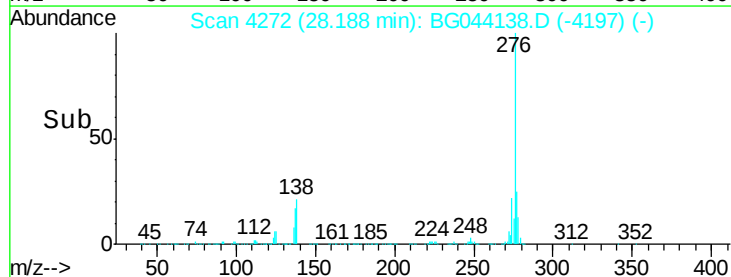
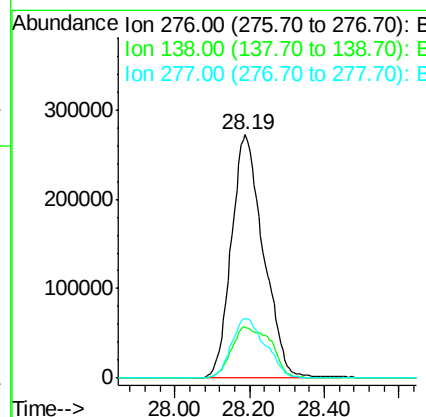
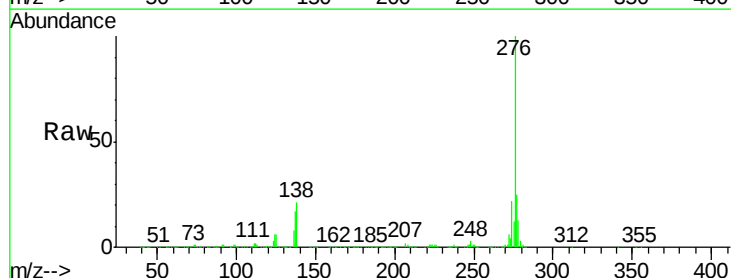
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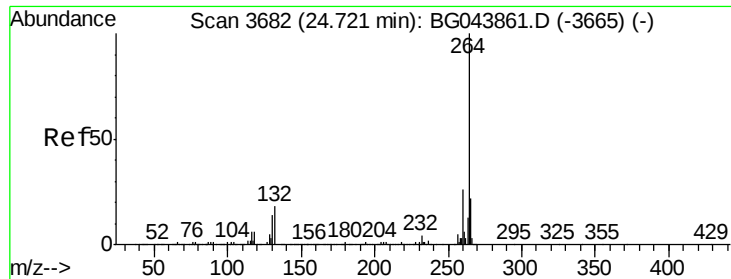
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#86
Indeno(1,2,3-cd)pyrene
Concen: 45.216 ng
RT: 28.19 min Scan# 4272
Delta R.T. -0.09 min
Lab File: BG044138.D
Acq: 21 Jan 2020 17:59

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.9	21.0	31.4
277	26.3	21.1	31.7





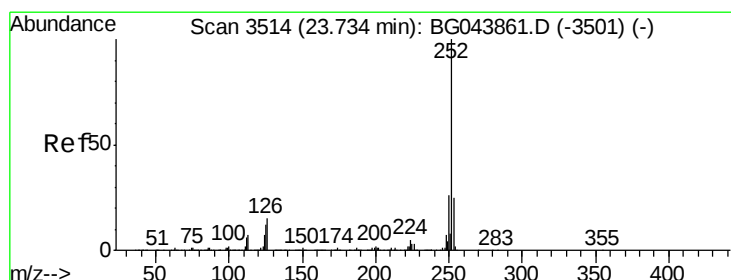
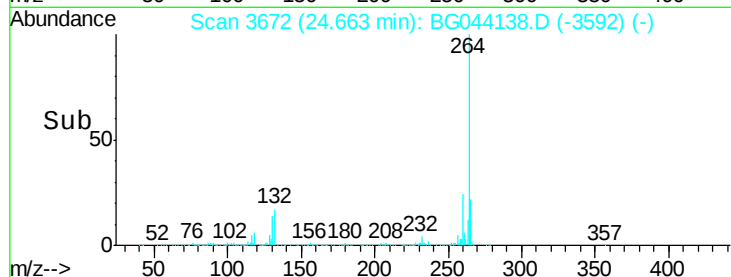
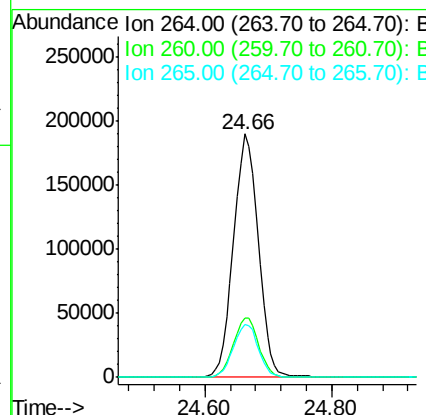
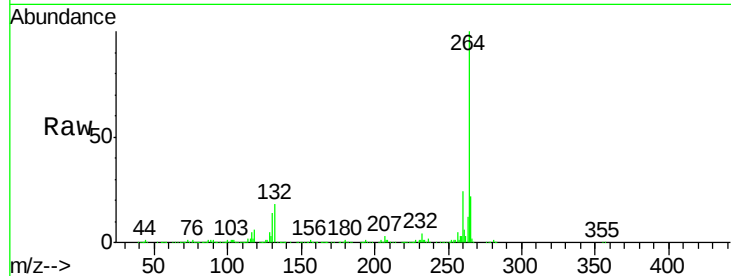
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.66 min Scan# 3672
Delta R.T. -0.06 min
Lab File: BG044138.D
Acq: 21 Jan 2020 17:59

Instrument :
BNA_G
ClientSampleId :
B1-15-30MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	20.4	30.6
265	21.8	17.4	26.2

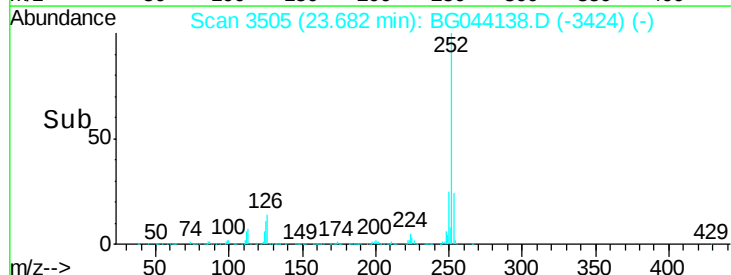
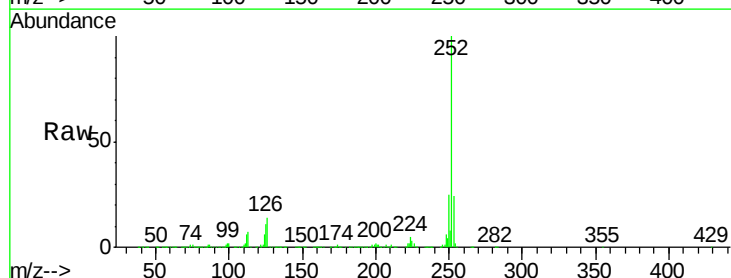
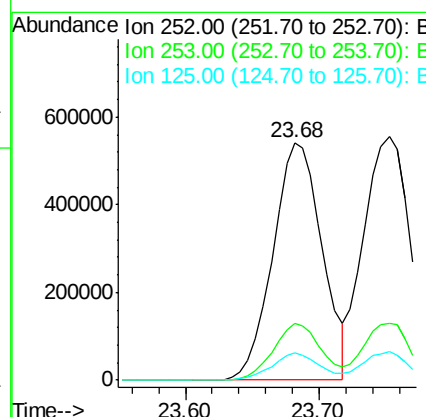
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#88
Benzo(b)fluoranthene
Concen: 45.339 ng
RT: 23.68 min Scan# 3505
Delta R.T. -0.05 min
Lab File: BG044138.D
Acq: 21 Jan 2020 17:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.7	29.5
125	11.4	9.4	14.2





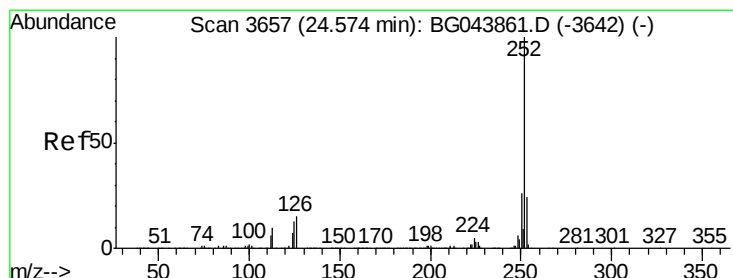
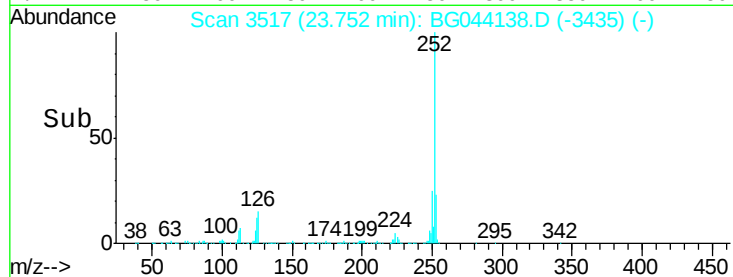
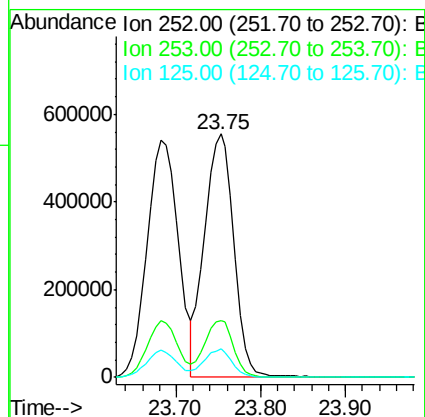
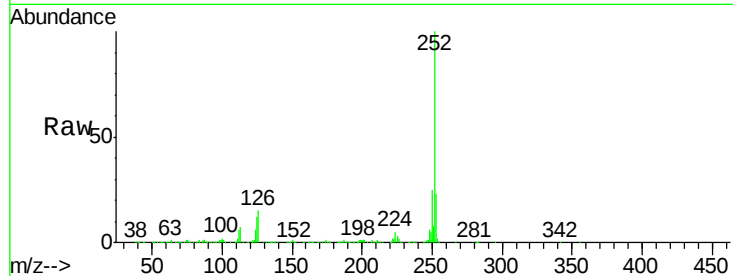
#89
Benzo(k)fluoranthene
Concen: 46.298 ng
RT: 23.75 min Scan# 3517
Delta R.T. -0.05 min
Lab File: BG044138.D
Acq: 21 Jan 2020 17:59

Instrument :
BNA_G
ClientSampleId :
B1-15-30MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	19.4	29.2
125	11.9	9.9	14.9

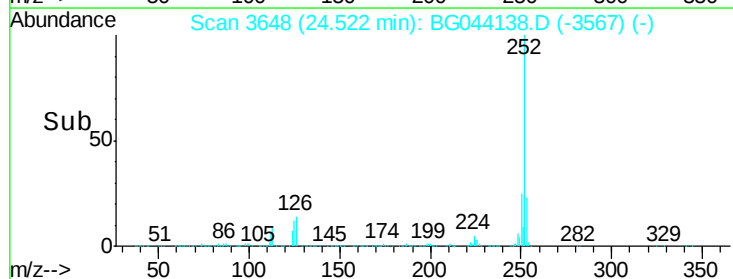
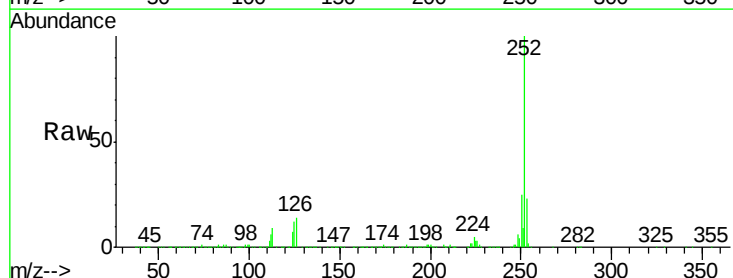
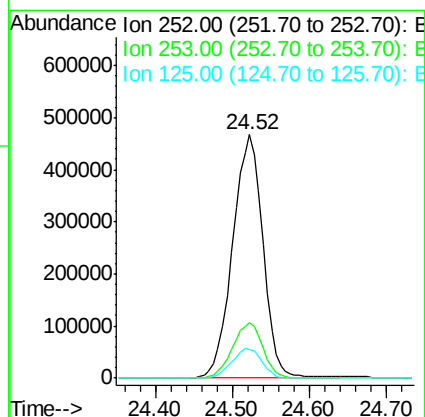
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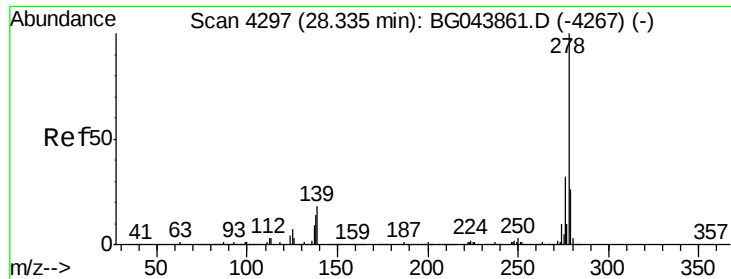
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#90
Benzo(a)pyrene
Concen: 44.559 ng
RT: 24.52 min Scan# 3648
Delta R.T. -0.05 min
Lab File: BG044138.D
Acq: 21 Jan 2020 17:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	19.3	28.9
125	11.8	10.4	15.6





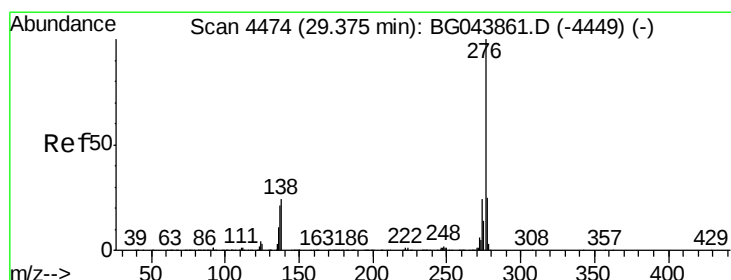
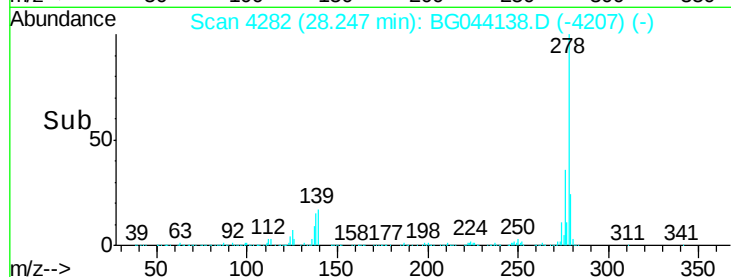
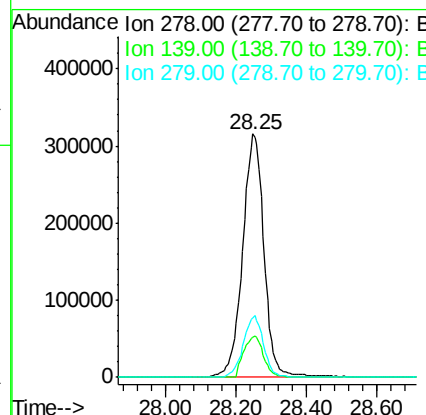
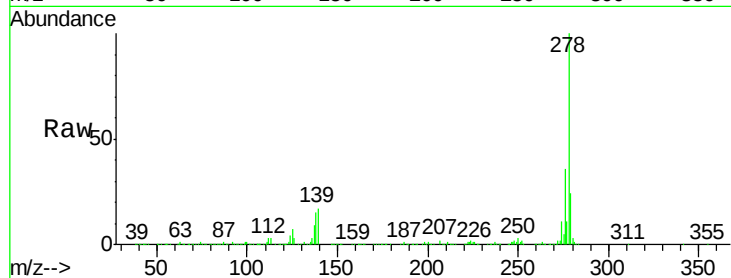
#91
Dibenzo(a,h)anthracene
Concen: 46.215 ng
RT: 28.25 min Scan# 4282
Delta R.T. -0.09 min
Lab File: BG044138.D
Acq: 21 Jan 2020 17:59

Instrument :
BNA_G
ClientSampleId :
B1-15-30MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.6	14.2	21.4
279	24.1	20.6	30.8

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#92
Benzo(g,h,i)perylene
Concen: 47.309 ng
RT: 29.29 min Scan# 4460
Delta R.T. -0.08 min
Lab File: BG044138.D
Acq: 21 Jan 2020 17:59

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	20.2	30.4
138	22.5	19.0	28.6

