

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021820\
 Data File : BG044477.D
 Acq On : 18 Feb 2020 18:00
 Operator : CG/JU
 Sample : L1365-16MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-021420MS

Manual Integrations
 APPROVED

mohammad
 2/20/2020 8:57:29 AM

Quant Time: Feb 19 01:28:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	66704	20.00	ng	-0.01
21) Naphthalene-d8	10.70	136	279026	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	190910	20.00	ng	0.00
64) Phenanthrene-d10	17.28	188	413542	20.00	ng	0.00
76) Chrysene-d12	21.53	240	372140	20.00	ng	0.00
87) Perylene-d12	24.61	264	409062	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	511414	135.31	ng	0.00
7) Phenol-d6	7.07	99	612426	120.66	ng	0.00
23) Nitrobenzene-d5	9.05	82	461000	93.28	ng	-0.01
42) 2,4,6-Tribromophenol	16.03	330	339453	151.46	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	1081183	94.84	ng	0.00
79) Terphenyl-d14	19.90	244	1694166	93.64	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.36	88	64451	37.954	ng	# 50
3) Pyridine	3.76	79	152349	33.674	ng	97
4) n-Nitrosodimethylamine	3.66	42	81215	42.958	ng	99
6) Aniline	7.22	93	91454	14.517	ng	98
8) 2-Chlorophenol	7.46	128	220728	53.138	ng	99
9) Benzaldehyde	7.02	77	97811	33.837	ng	98
10) Phenol	7.10	94	221408	44.079	ng	99
11) bis(2-Chloroethyl)ether	7.31	93	201825	46.998	ng	97
12) 1,3-Dichlorobenzene	7.78	146	240832	48.559	ng	97
13) 1,4-Dichlorobenzene	7.93	146	242443	49.356	ng	99
14) 1,2-Dichlorobenzene	8.25	146	227470	48.992	ng	99
15) Benzyl Alcohol	8.13	79	180655	50.276	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.42	45	267742	46.065	ng	99
17) 2-Methylphenol	8.35	107	180168	50.273	ng	99
18) Hexachloroethane	8.97	117	89063	48.317	ng	98
19) n-Nitroso-di-n-propylamine	8.70	70	157703	46.623	ng	98
20) 3+4-Methylphenols	8.68	107	240056	48.604	ng	100
22) Acetophenone	8.72	105	304658	44.883	ng	# 99
24) Nitrobenzene	9.09	77	228705	47.400	ng	98
25) Isophorone	9.62	82	440172	47.783	ng	100
26) 2-Nitrophenol	9.81	139	129468	51.713	ng	100
27) 2,4-Dimethylphenol	9.87	122	205183	58.058	ng	99
28) bis(2-Chloroethoxy)methane	10.10	93	274703	44.702	ng	99
29) 2,4-Dichlorophenol	10.35	162	223787	52.368	ng	100
30) 1,2,4-Trichlorobenzene	10.56	180	237580	48.486	ng	99
31) Naphthalene	10.74	128	691869	51.108	ng	99
32) Benzoic acid	10.02	122	59754m	32.262	ng	
33) 4-Chloroaniline	10.86	127	34255	5.564	ng	96
34) Hexachlorobutadiene	11.04	225	138202	45.837	ng	97
35) Caprolactam	11.62	113	65171m	41.632	ng	
36) 4-Chloro-3-methylphenol	11.99	107	240017	53.571	ng	99
37) 2-Methylnaphthalene	12.36	142	519626	51.698	ng	99
38) 1-Methylnaphthalene	12.58	142	495085	52.245	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.73	216	266157	46.606	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.71	237	124010	45.256	ng	98
43) 2,4,6-Trichlorophenol	12.97	196	191814	51.964	ng	100
44) 2,4,5-Trichlorophenol	13.05	196	207506	55.037	ng	98
46) 1,1'-Biphenyl	13.37	154	654974	47.563	ng	99
47) 2-Chloronaphthalene	13.41	162	522079	47.644	ng	99
48) 2-Nitroaniline	13.61	65	155168	47.982	ng	98
49) Acenaphthylene	14.26	152	834768	51.938	ng	99
50) Dimethylphthalate	13.99	163	667012	48.605	ng	100
51) 2,6-Dinitrotoluene	14.11	165	153601	50.200	ng	96
52) Acenaphthene	14.60	154	522449	50.151	ng	98
53) 3-Nitroaniline	14.43	138	65244	19.273	ng	98
54) 2,4-Dinitrophenol	14.65	184	93974	54.516	ng	99
55) Dibenzofuran	14.93	168	809164	51.301	ng	99
56) 4-Nitrophenol	14.77	139	247668	99.879	ng	97
57) 2,4-Dinitrotoluene	14.90	165	217157	50.636	ng	95
58) Fluorene	15.58	166	643932	51.834	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.17	232	187060	54.928	ng	99
60) Diethylphthalate	15.36	149	663713	48.538	ng	99
61) 4-Chlorophenyl-phenylether	15.58	204	336244	49.918	ng	100
62) 4-Nitroaniline	15.60	138	153360	45.338	ng	99
63) Azobenzene	15.87	77	614452	51.271	ng	99
65) 4,6-Dinitro-2-methylphenol	15.67	198	88869	38.931	ng	99
66) n-Nitrosodiphenylamine	15.79	169	599400	51.720	ng	100
67) 4-Bromophenyl-phenylether	16.47	248	223621	49.633	ng	98
68) Hexachlorobenzene	16.60	284	246208	48.777	ng	99
69) Atrazine	16.74	200	230871	58.121	ng	99
70) Pentachlorophenol	16.94	266	257317	99.992	ng	99
71) Phenanthrene	17.32	178	1033928	51.632	ng	100
72) Anthracene	17.42	178	1057281	53.403	ng	99
73) Carbazole	17.68	167	955753	52.366	ng	100
74) Di-n-butylphthalate	18.25	149	1162933	51.561	ng	100
75) Fluoranthene	19.33	202	1174326	50.693	ng	99
77) Benzidine	19.51	184	233545	22.625	ng	98
78) Pyrene	19.70	202	1183314	49.513	ng	99
80) Butylbenzylphthalate	20.58	149	524967	48.202	ng	98
81) Benzo(a)anthracene	21.51	228	1136559	49.555	ng	99
82) 3,3'-Dichlorobenzidine	21.42	252	172211	19.346	ng	99
83) Chrysene	21.57	228	1086419	49.006	ng	99
84) Bis(2-ethylhexyl)phthalate	21.42	149	740718	49.412	ng	99
85) Di-n-octyl phthalate	22.59	149	1287142	49.626	ng	100
86) Indeno(1,2,3-cd)pyrene	28.12	276	1421102	49.134	ng	# 75
88) Benzo(b)fluoranthene	23.64	252	1174767	49.838	ng	99
89) Benzo(k)fluoranthene	23.70	252	1218209	53.026	ng	100
90) Benzo(a)pyrene	24.47	252	1135069	50.931	ng	98
91) Dibenzo(a,h)anthracene	28.18	278	1157127	52.462	ng	99
92) Benzo(g,h,i)perylene	29.20	276	1067102	48.329	ng	98

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

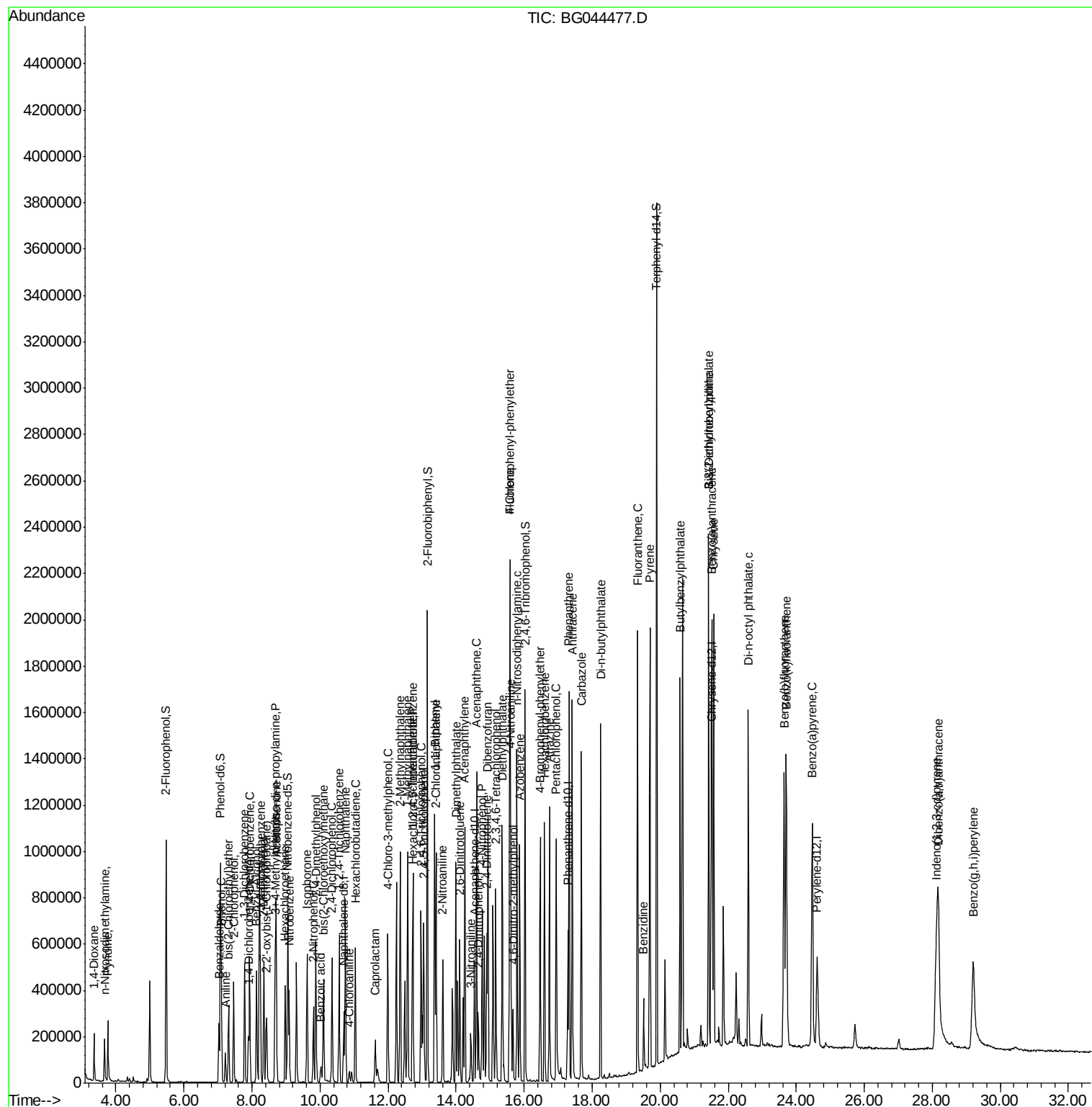
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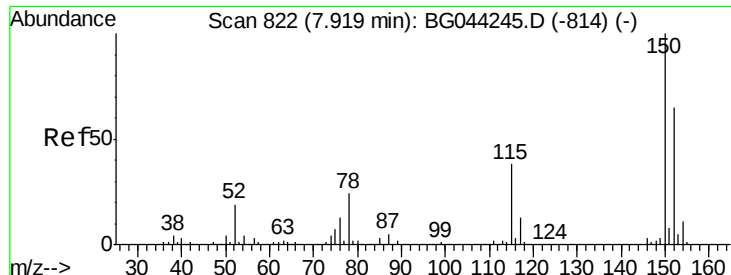
Instrument :
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ClientSampleId :
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#1

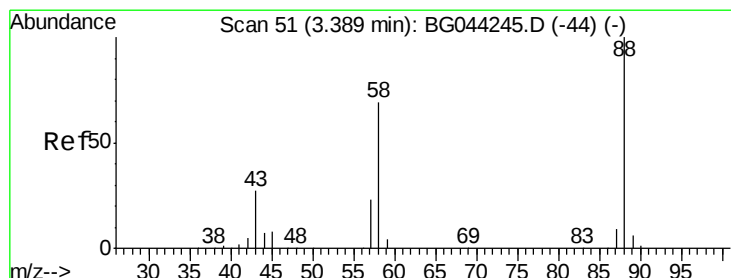
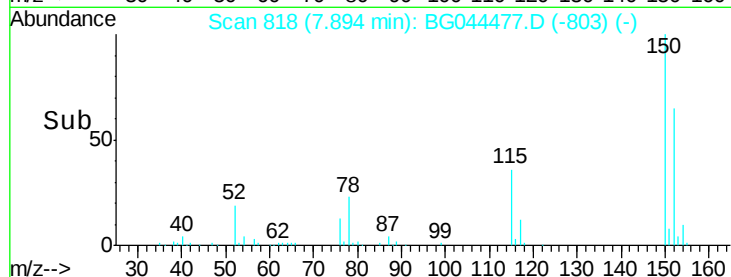
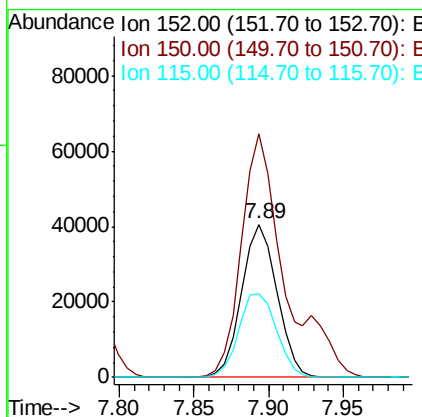
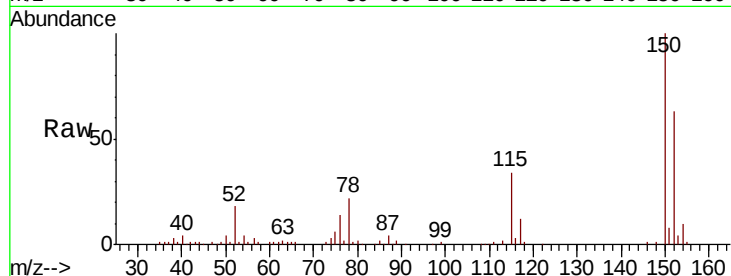
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.89 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG044477.D
Acq: 18 Feb 2020 18:00

Instrument :
BNA_G
ClientSampleId :
CL-02-021420MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	122.6	183.8
115	54.3	46.0	69.0

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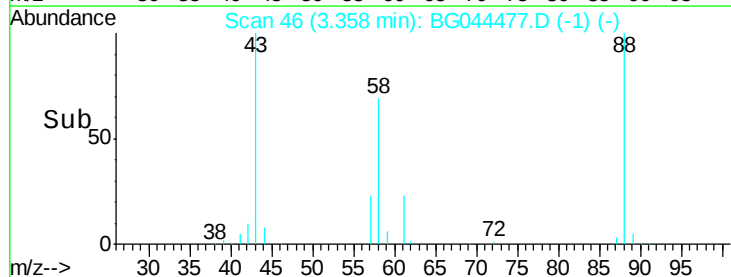
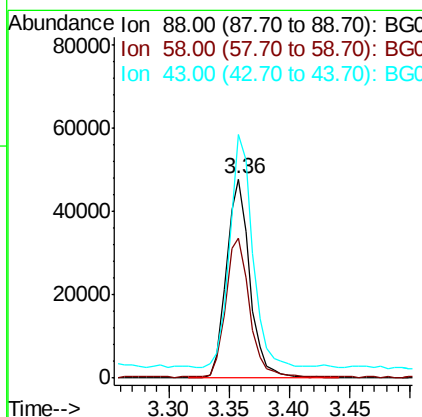
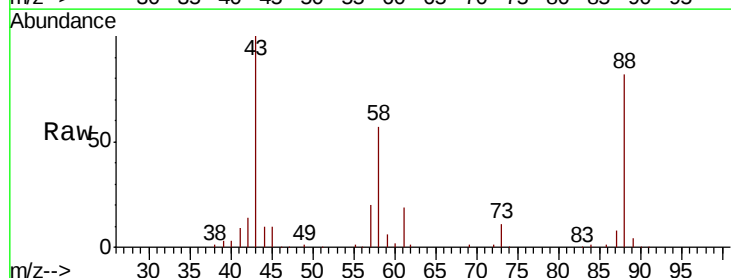
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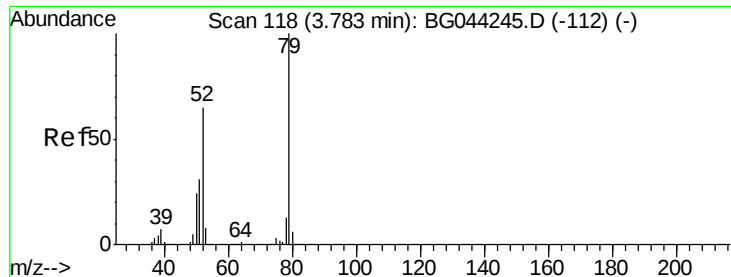


#2

1,4-Dioxane
Concen: 37.954 ng
RT: 3.36 min Scan# 46
Delta R.T. -0.01 min
Lab File: BG044477.D
Acq: 18 Feb 2020 18:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.9	55.8	83.6
43	115.9	21.6	32.4#





#3

Pvridine

Concen: 33.674 ng

RT: 3.76 min Scan# 114

Delta R.T. -0.01 min

Lab File: BG044477.D

Acq: 18 Feb 2020 18:00

Instrument :

BNA_G

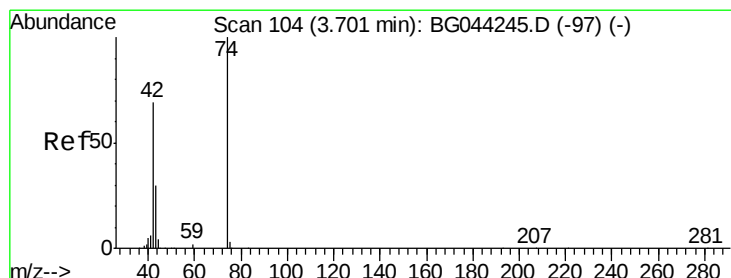
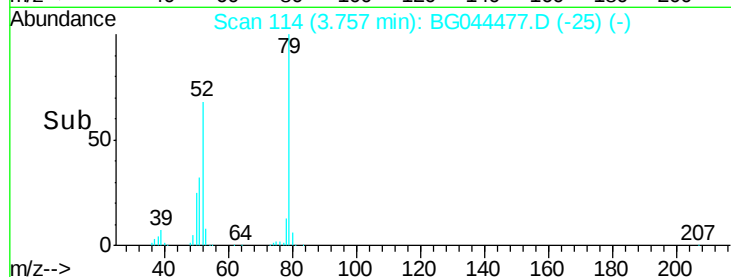
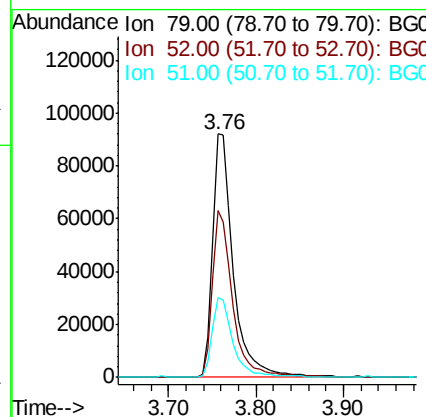
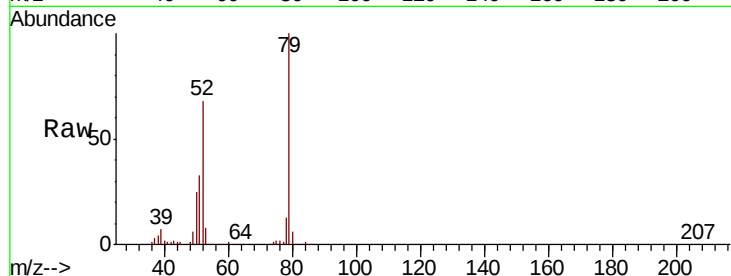
ClientSampleId :

CL-02-021420MS

Tot Ion:	79	Resp:	152349
Ion	Ratio	Lower	Upper
79	100		
52	68.3	51.9	77.9
51	32.5	25.3	37.9

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#4

n-Nitrosodimethylamine

Concen: 42.958 ng

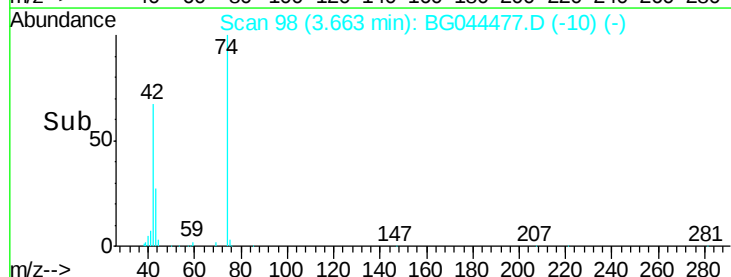
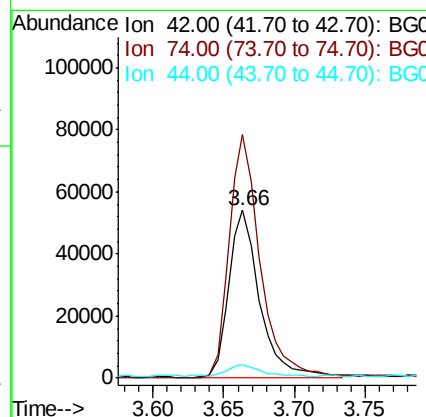
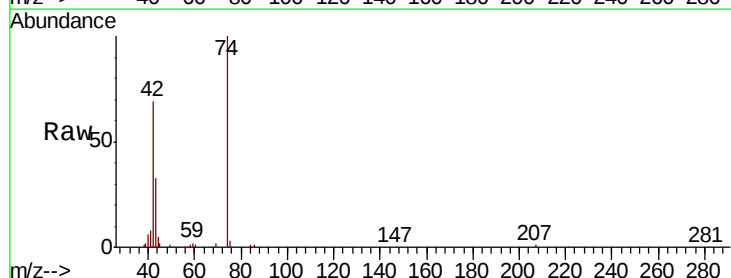
RT: 3.66 min Scan# 98

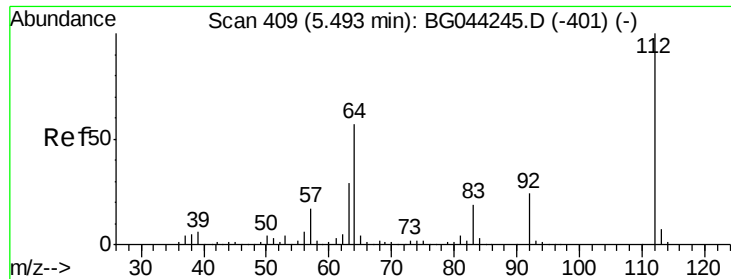
Delta R.T. -0.01 min

Lab File: BG044477.D

Acq: 18 Feb 2020 18:00

Tgt Ion:	42	Resp:	81215
Ion	Ratio	Lower	Upper
42	100		
74	145.1	115.1	172.7
44	7.7	5.6	8.4





#5

2-Fluorophenol

Concen: 135.309 ng

RT: 5.47 min Scan# 406

Delta R.T. -0.01 min

Lab File: BG044477.D

Acq: 18 Feb 2020 18:00

Instrument :

BNA_G

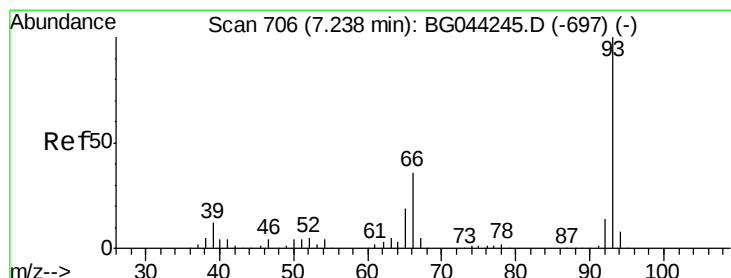
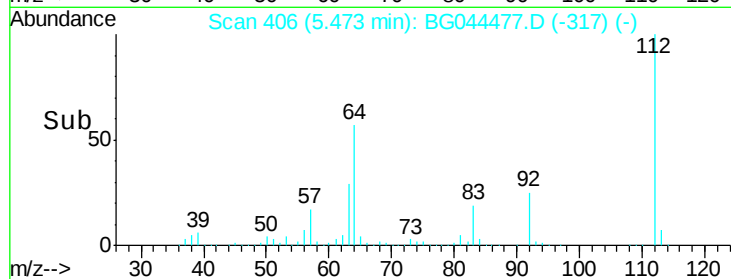
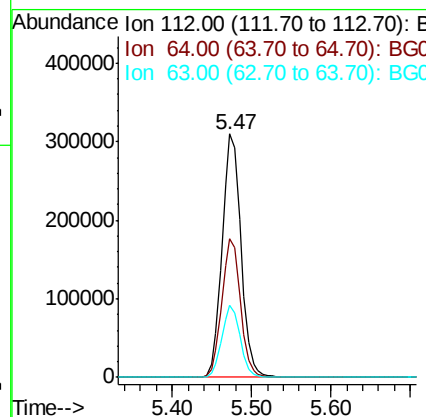
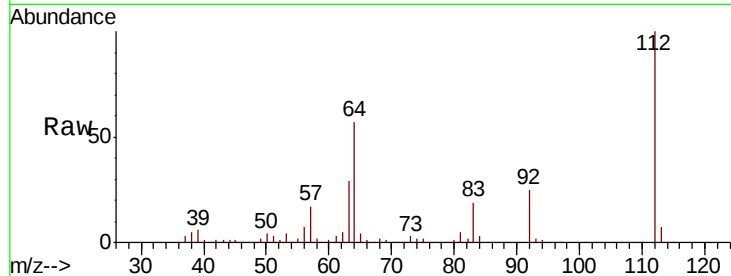
ClientSampleId :

CL-02-021420MS

Tot Ion:	112	Resp:	511414
Ion Ratio	Lower	Upper	
112	100		
64	57.1	45.4	68.2
63	29.4	22.9	34.3

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#6

Aniline

Concen: 14.517 ng

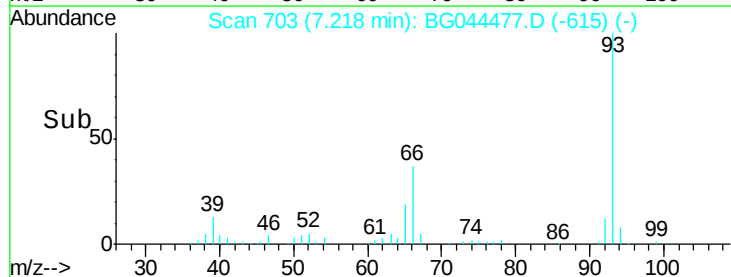
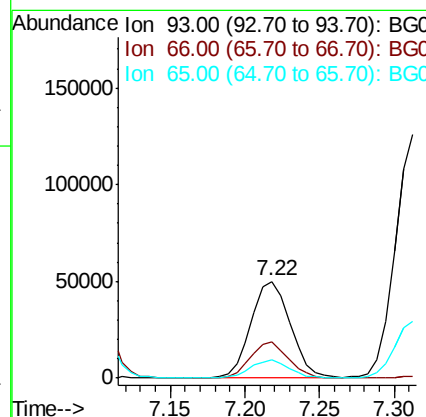
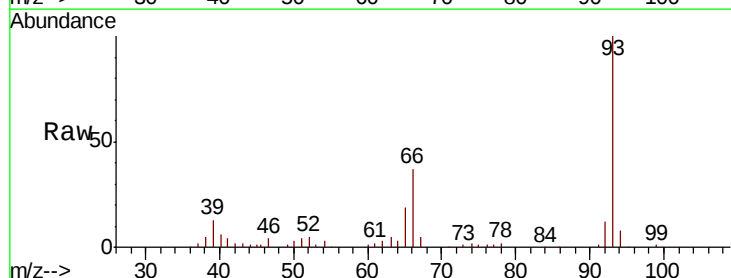
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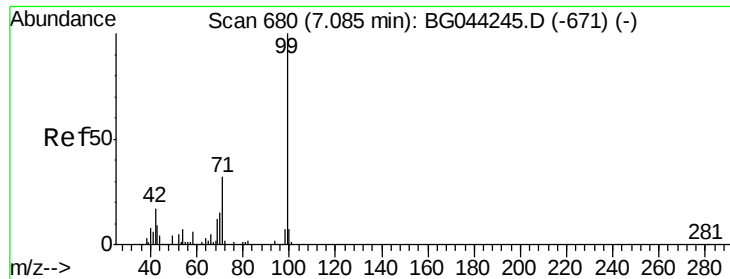
Delta R.T. -0.01 min

Lab File: BG044477.D

Acq: 18 Feb 2020 18:00

Tgt Ion:	93	Resp:	91454
Ion Ratio	Lower	Upper	
93	100		
66	37.1	28.7	43.1
65	18.8	15.4	23.0





#7

Phenol-d6

Concen: 120.665 ng

RT: 7.07 min Scan# 678

Delta R.T. -0.01 min

Lab File: BG044477.D

Acq: 18 Feb 2020 18:00

Instrument :

BNA_G

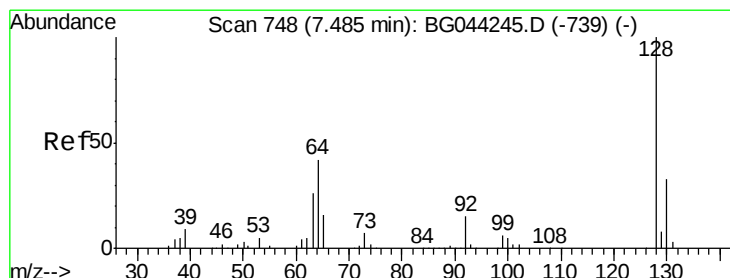
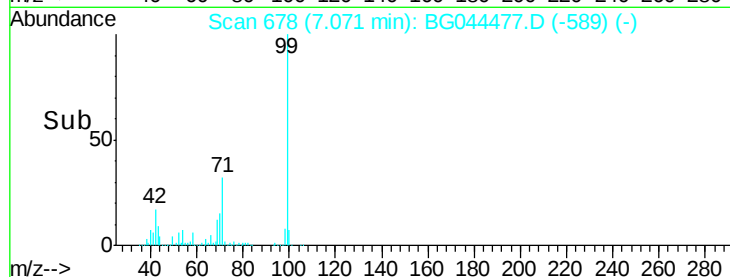
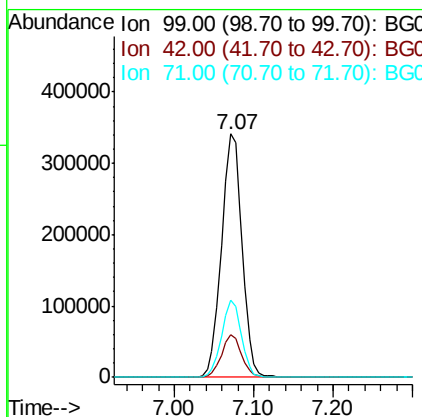
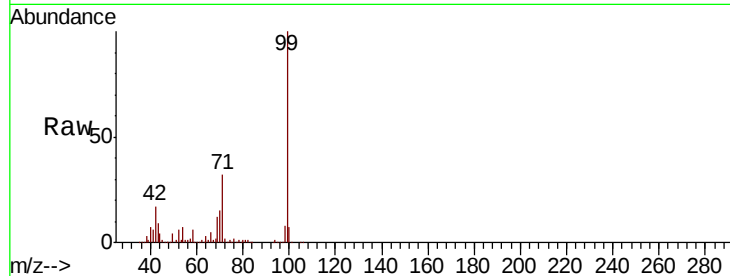
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Tot Ion:	99	Resp:	612426
Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.8	20.6
71	31.6	25.5	38.3

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#8

2-Chlorophenol

Concen: 53.138 ng

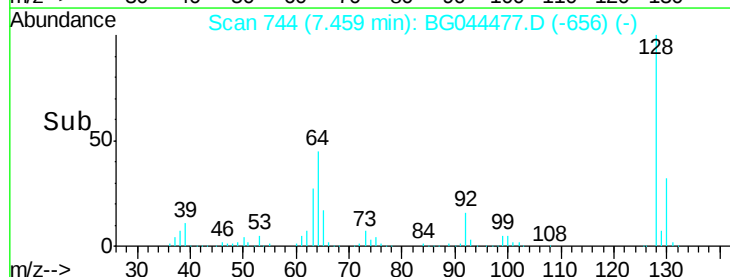
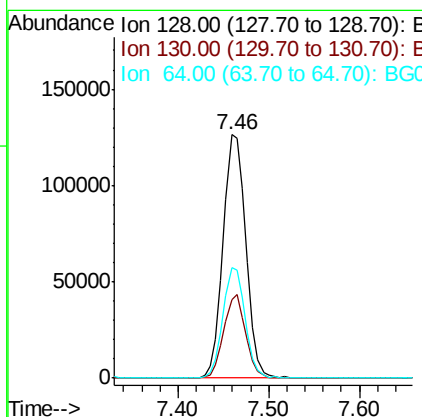
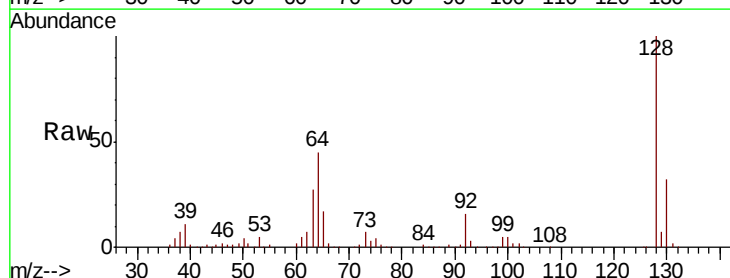
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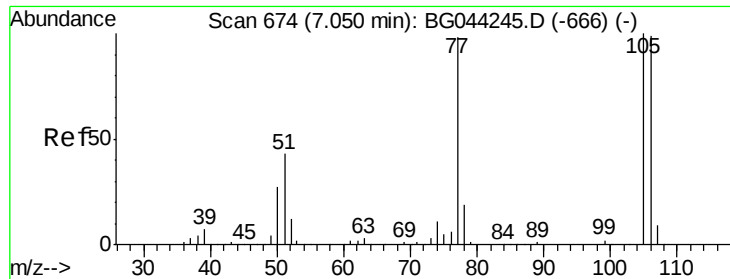
Delta R.T. -0.01 min

Lab File: BG044477.D

Acq: 18 Feb 2020 18:00

Tgt Ion:	128	Resp:	220728
Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.5	52.5
64	45.2	24.2	64.2





#9

Benzaldehyde

Concen: 33.837 ng

RT: 7.02 min Scan# 670

Delta R.T. -0.01 min

Lab File: BG044477.D

Acq: 18 Feb 2020 18:00

Instrument :

BNA_G

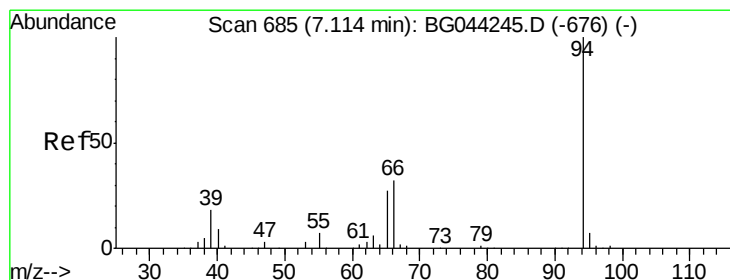
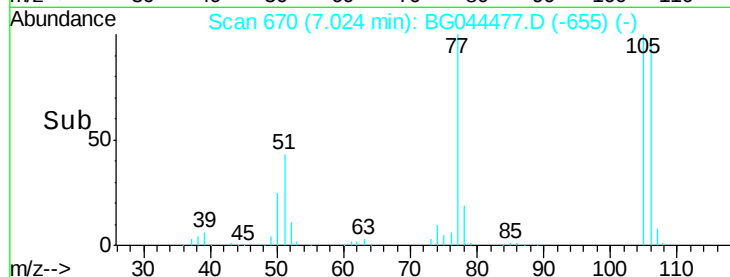
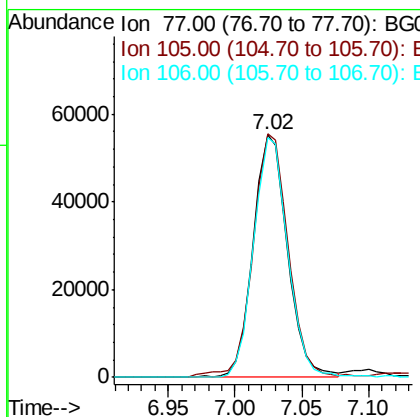
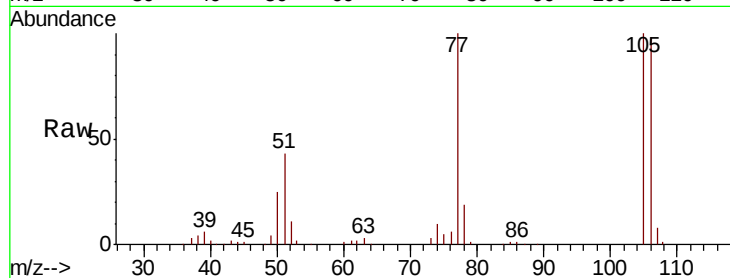
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Tot Ion:	77	Resp:	97811
Ion	Ratio	Lower	Upper
77	100		
105	100.3	82.0	122.0
106	98.7	80.7	120.7

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#10

Phenol

Concen: 44.079 ng

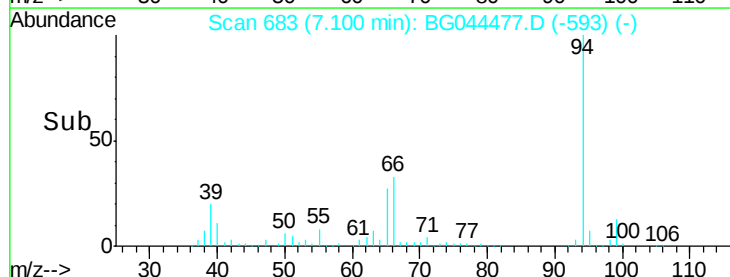
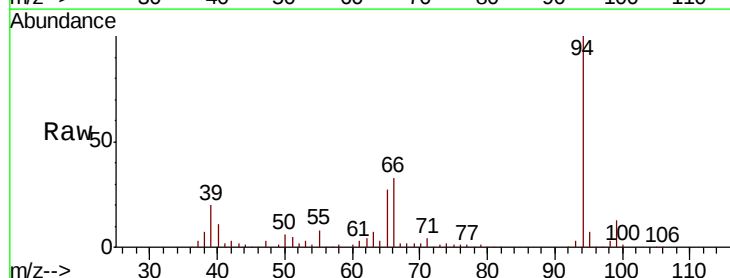
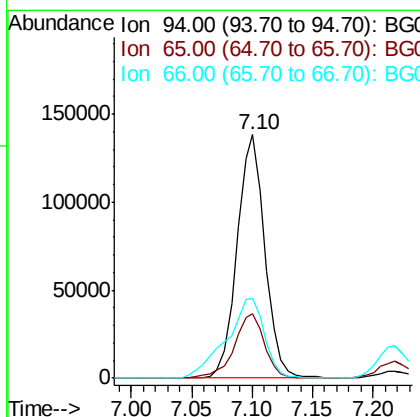
RT: 7.10 min Scan# 683

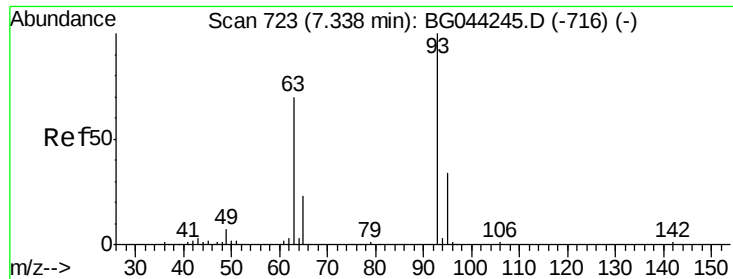
Delta R.T. -0.00 min

Lab File: BG044477.D

Acq: 18 Feb 2020 18:00

Tgt Ion:	94	Resp:	221408
Ion	Ratio	Lower	Upper
94	100		
65	26.7	7.0	47.0
66	32.9	12.7	52.7





#11

bis(2-Chloroethyl)ether

Concen: 46.998 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG044477.D

Acq: 18 Feb 2020 18:00

Instrument :

BNA_G

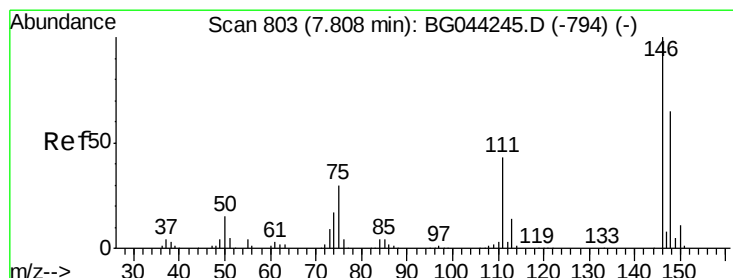
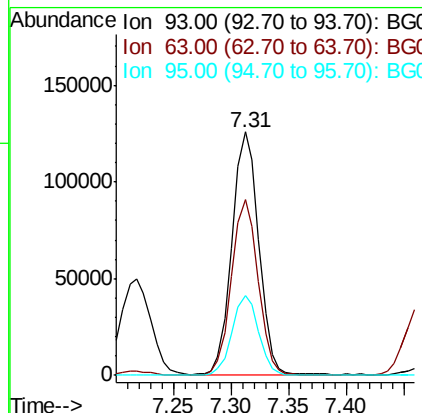
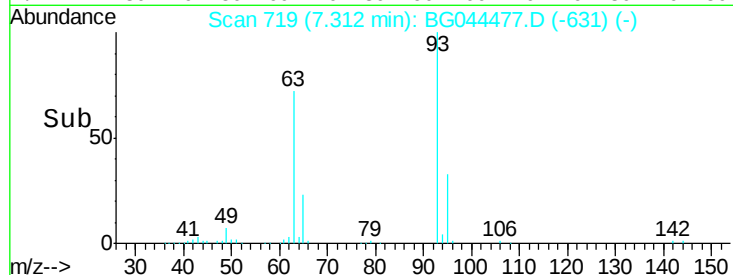
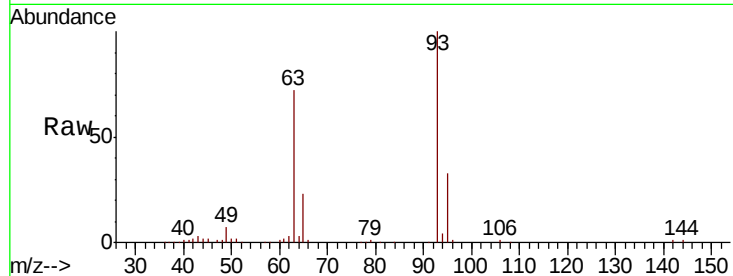
ClientSampleId :

CL-02-021420MS

Tot Ion:	93	Resp:	201825
Ion Ratio	Lower	Upper	
93	100		
63	72.1	49.2	89.2
95	32.5	13.6	53.6

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#12

1,3-Dichlorobenzene

Concen: 48.559 ng

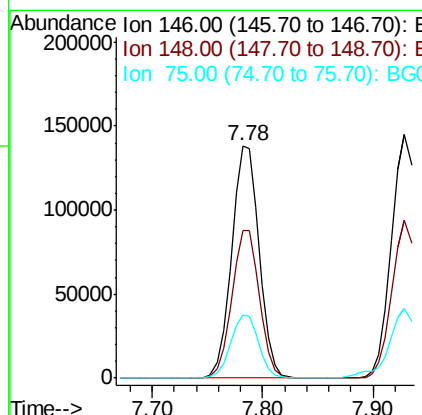
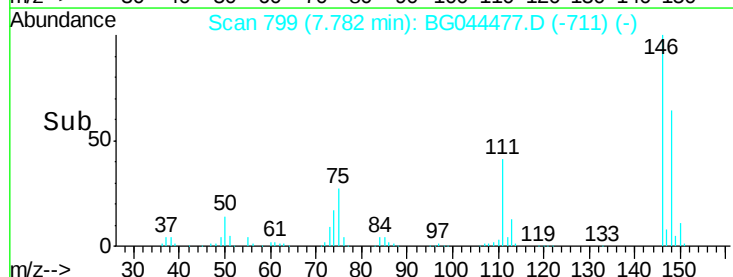
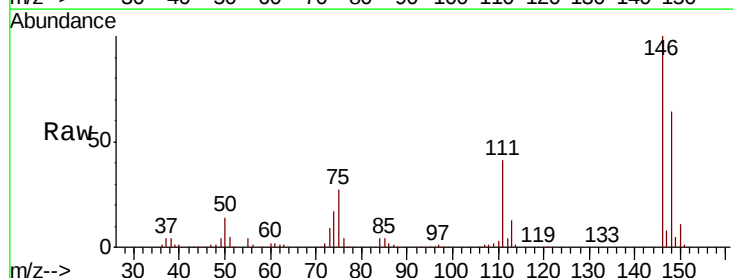
RT: 7.78 min Scan# 799

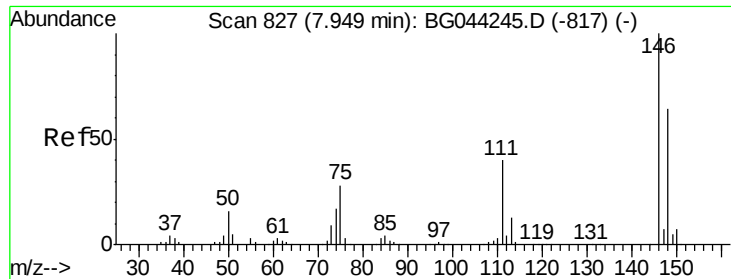
Delta R.T. -0.01 min

Lab File: BG044477.D

Acq: 18 Feb 2020 18:00

Tgt Ion:	146	Resp:	240832
Ion Ratio	Lower	Upper	
146	100		
148	63.6	51.8	77.8
75	27.0	23.7	35.5





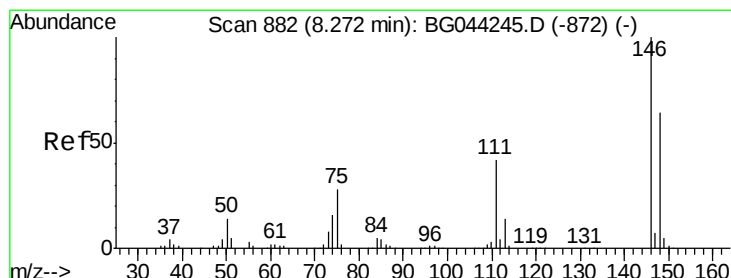
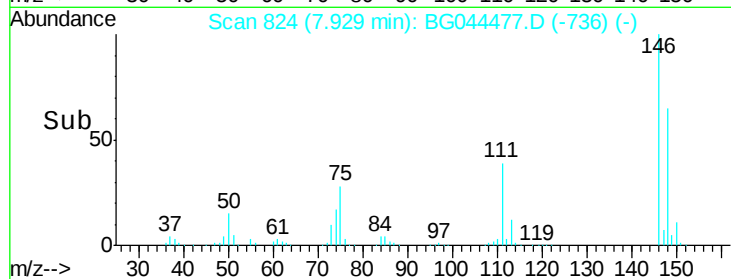
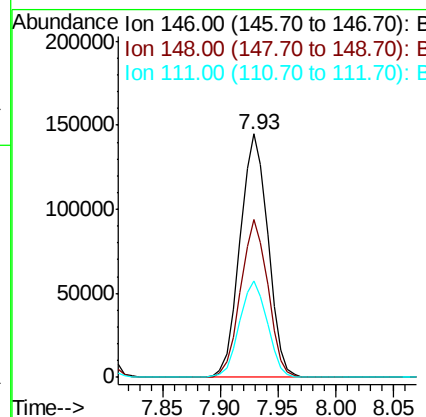
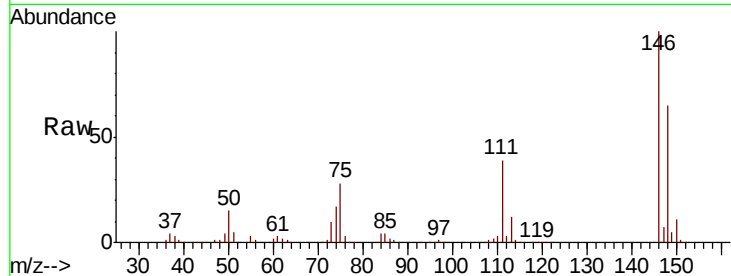
#13
 1,4-Dichlorobenzene
 Concen: 49.356 ng
 RT: 7.93 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BG044477.D
 Acq: 18 Feb 2020 18:00

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-021420MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.4	77.0
111	39.5	31.8	47.8

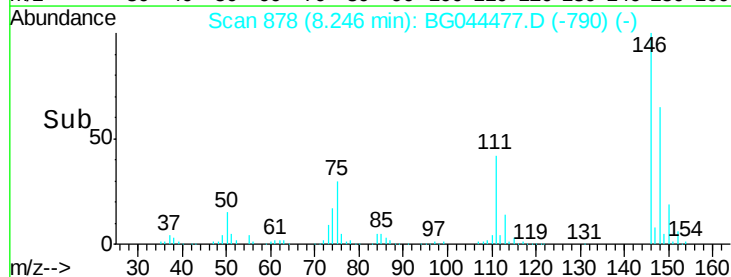
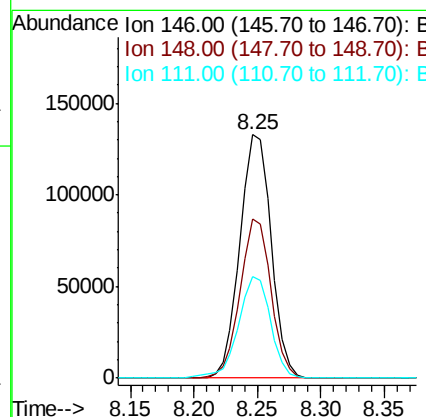
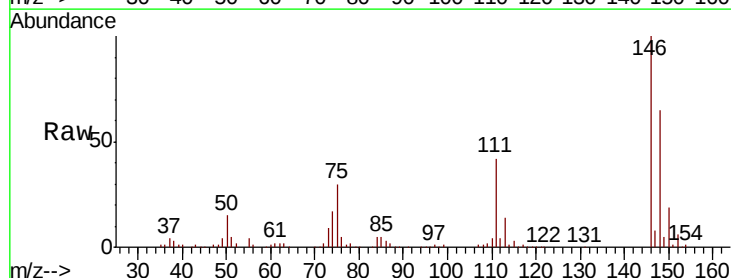
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#14
 1,2-Dichlorobenzene
 Concen: 48.992 ng
 RT: 8.25 min Scan# 878
 Delta R.T. -0.01 min
 Lab File: BG044477.D
 Acq: 18 Feb 2020 18:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.2	76.8
111	41.9	34.0	51.0





#15

Benzyl Alcohol

Concen: 50.276 ng

RT: 8.13 min Scan# 859

Delta R.T. -0.01 min

Lab File: BG044477.D

Acq: 18 Feb 2020 18:00

Instrument :

BNA_G

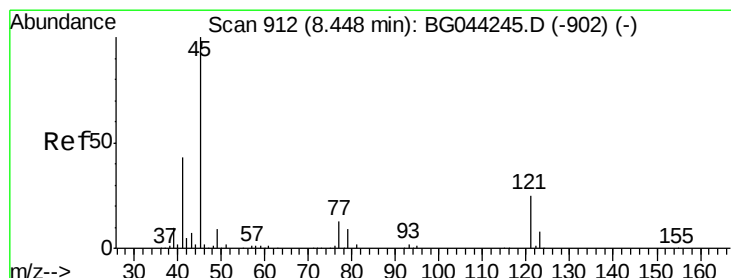
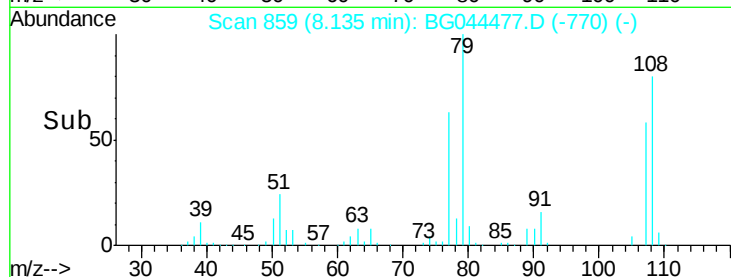
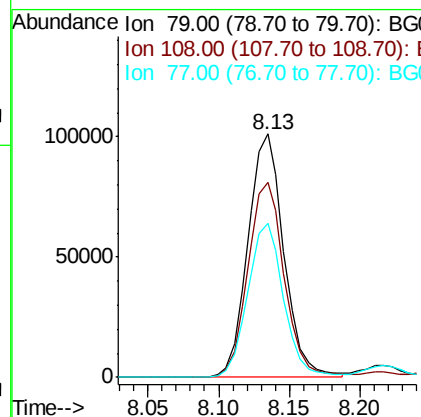
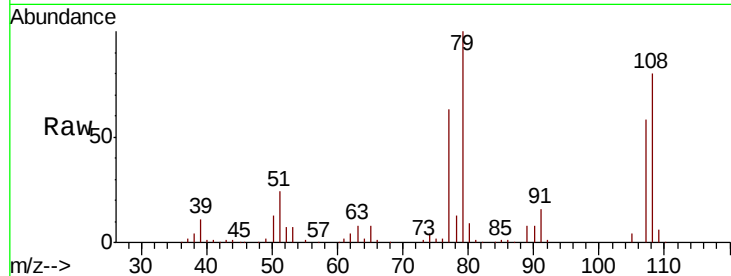
ClientSampleId :

CL-02-021420MS

Tot Ion:	79	Resp:	180655
Ion Ratio	Lower	Upper	
79	100		
108	79.9	68.3	102.5
77	63.0	51.8	77.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.065 ng

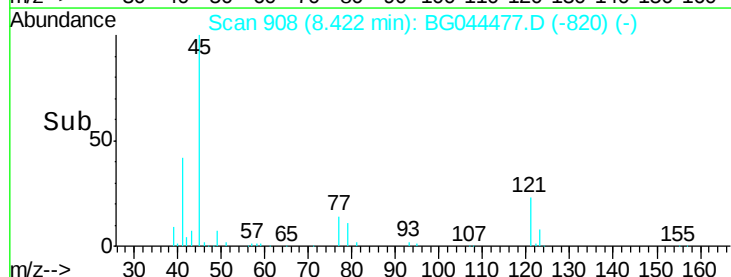
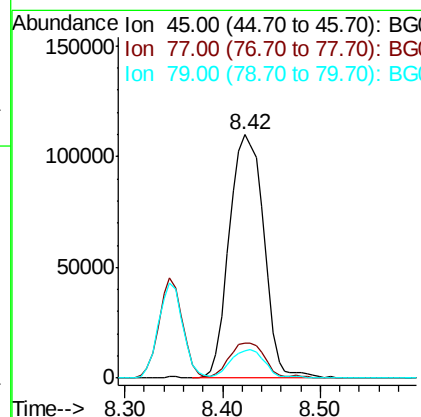
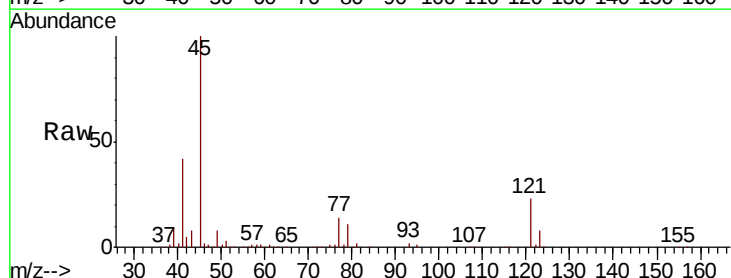
RT: 8.42 min Scan# 908

Delta R.T. -0.01 min

Lab File: BG044477.D

Acq: 18 Feb 2020 18:00

Tgt Ion:	45	Resp:	267742
Ion Ratio	Lower	Upper	
45	100		
77	14.5	0.0	35.2
79	11.3	0.0	31.1





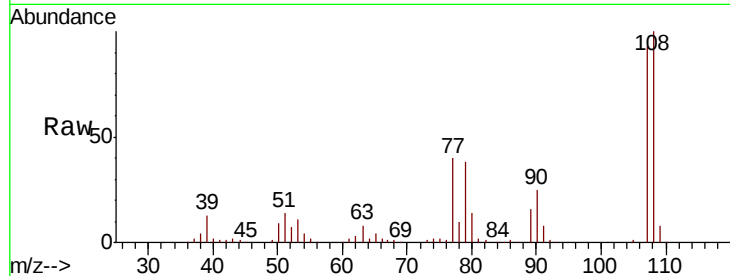
#17
2-Methylphenol
Concen: 50.273 ng
RT: 8.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BG044477.D
Acq: 18 Feb 2020 18:00

Instrument :
BNA_G
ClientSampleId :
CL-02-021420MS

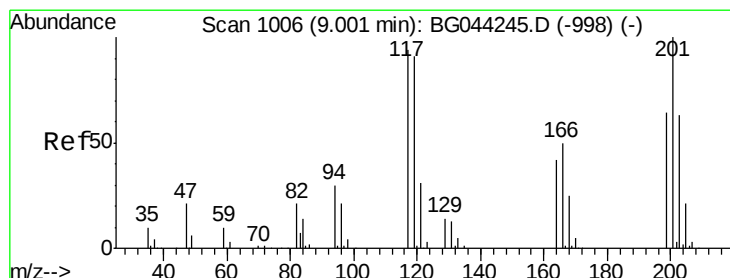
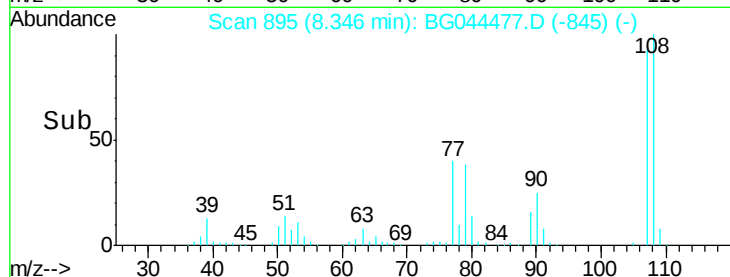
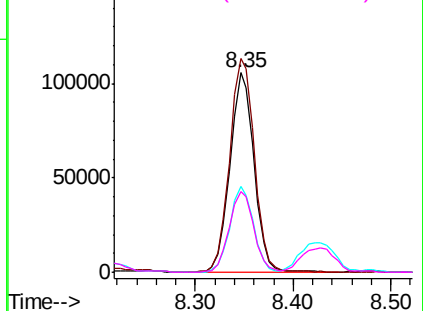
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	107.2	86.4	129.6	
77	43.2	34.0	51.0	
79	40.6	32.9	49.3	

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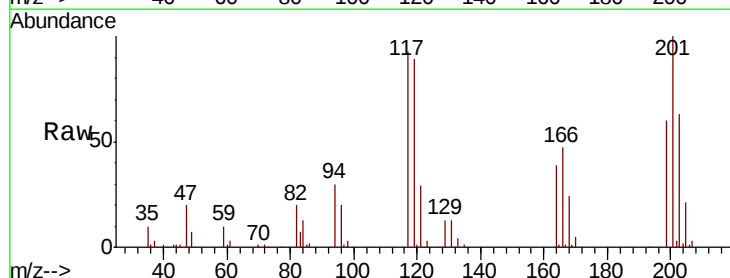


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

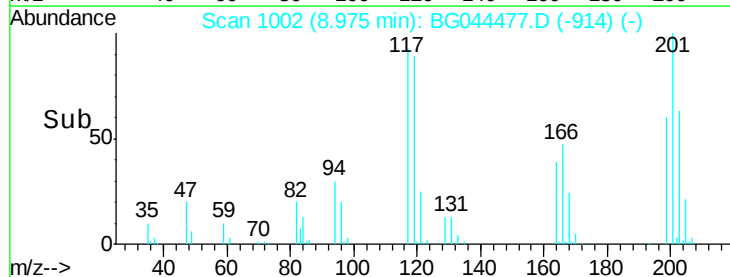
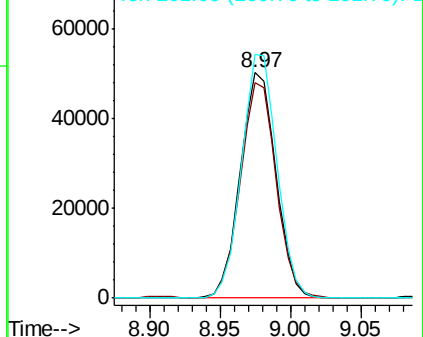


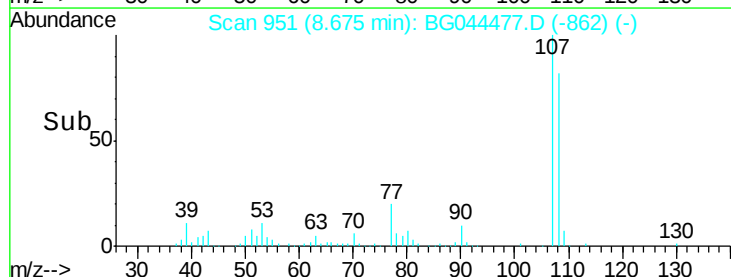
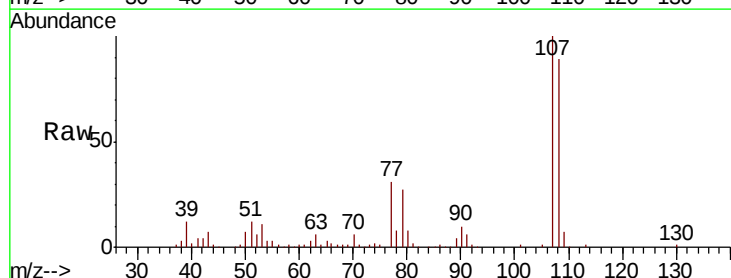
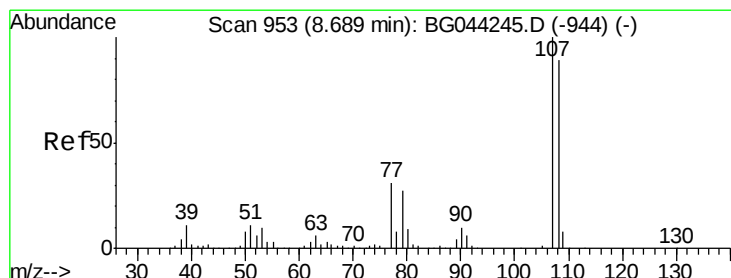
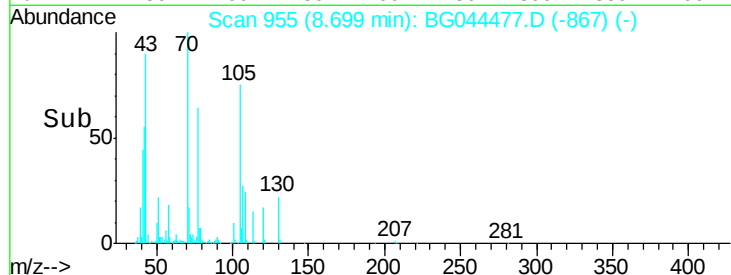
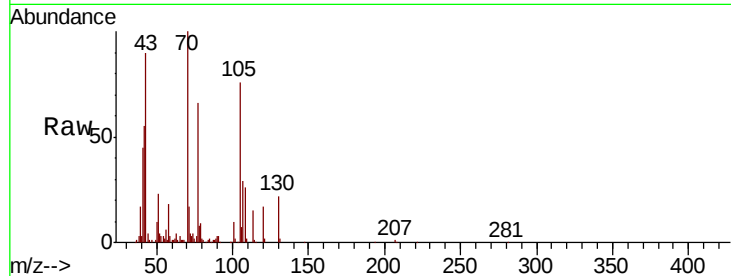
#18
Hexachloroethane
Concen: 48.317 ng
RT: 8.97 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BG044477.D
Acq: 18 Feb 2020 18:00

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.7	77.5	116.3	
201	107.9	84.9	127.3	



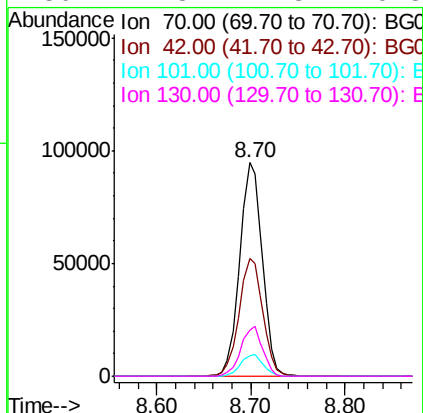
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 46.623 ng
RT: 8.70 min Scan# 955
Delta R.T. -0.01 min
Lab File: BG044477.D
Acq: 18 Feb 2020 18:00

Tot Ion	Ratio	Lower	Upper
70	100		
42	55.3	46.2	69.2
101	9.9	8.4	12.6
130	21.8	17.8	26.8



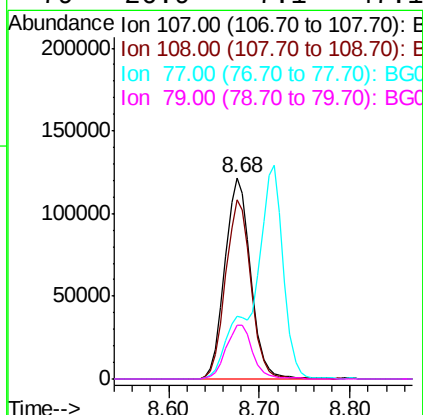
Instrument :
BNA_G
ClientSampleId :
CL-02-021420MS

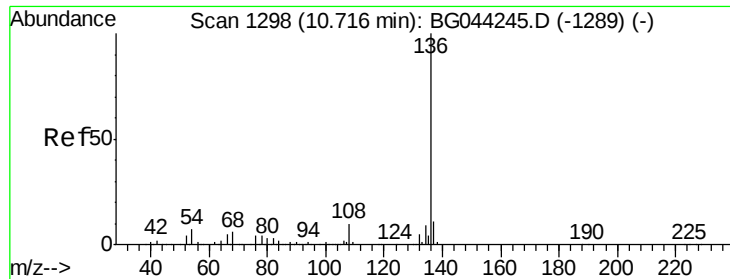
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#20
3+4-Methylphenols
Concen: 48.604 ng
RT: 8.68 min Scan# 951
Delta R.T. -0.01 min
Lab File: BG044477.D
Acq: 18 Feb 2020 18:00

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.8	68.5	108.5
77	31.2	10.9	50.9
79	26.9	7.1	47.1





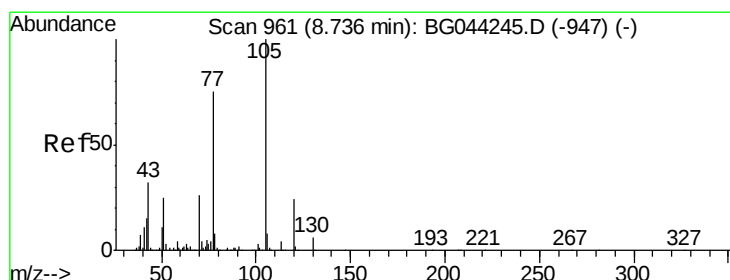
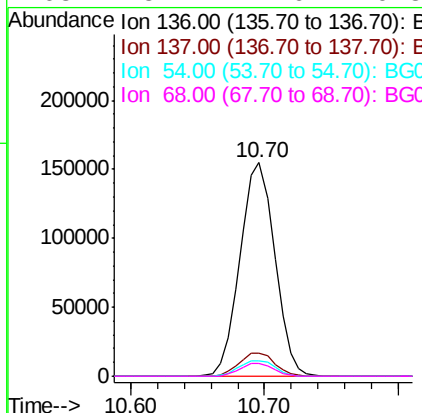
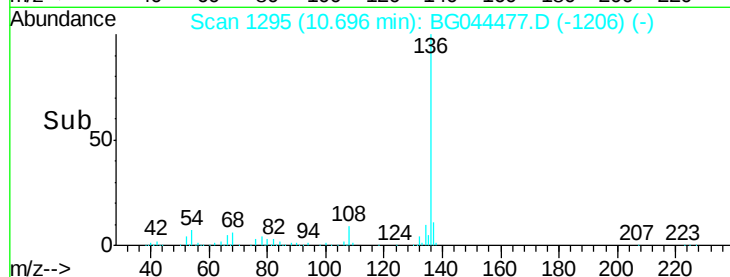
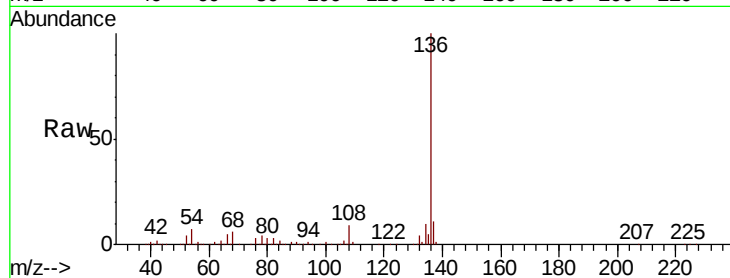
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BG044477.D
Acq: 18 Feb 2020 18:00

Instrument :
BNA_G
ClientSampleId :
CL-02-021420MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	279026		
137	10.7		8.8	13.2
54	7.2		5.8	8.8
68	5.7		4.6	6.8

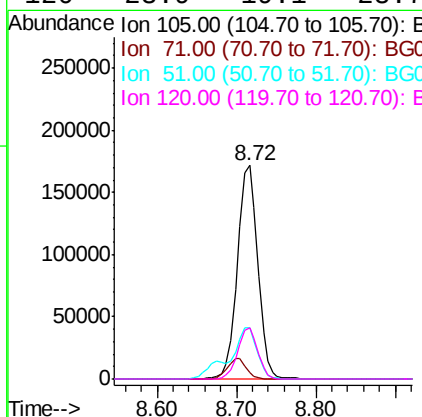
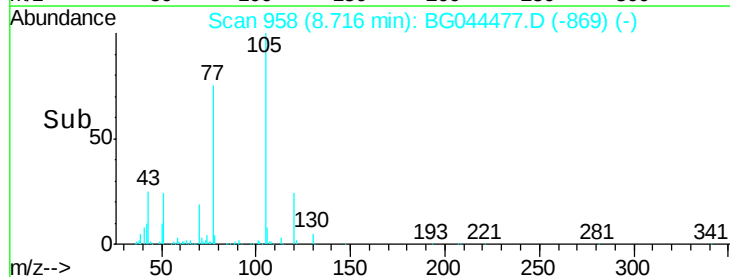
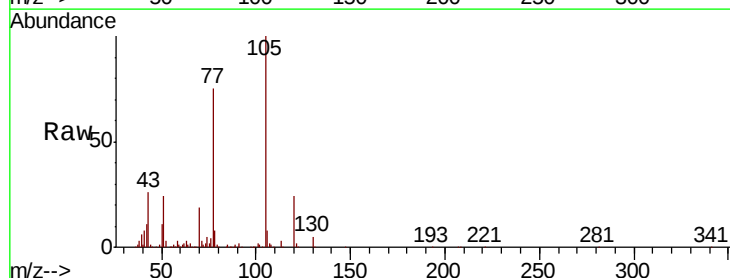
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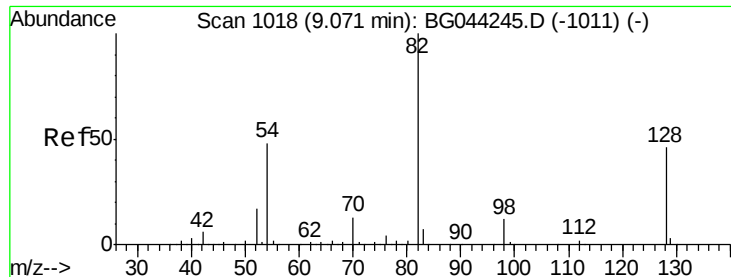
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#22
Acetophenone
Concen: 44.883 ng
RT: 8.72 min Scan# 958
Delta R.T. -0.01 min
Lab File: BG044477.D
Acq: 18 Feb 2020 18:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	304658		
71	3.1		3.4	5.0#
51	24.1		20.2	30.4
120	23.9		19.1	28.7





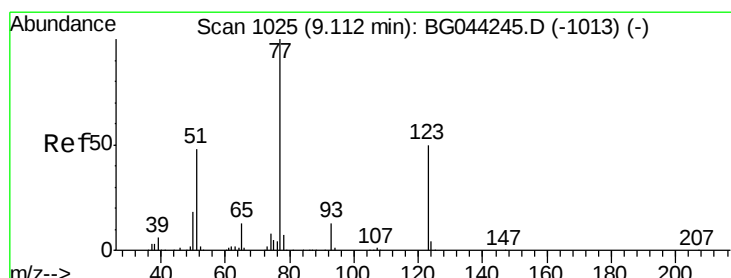
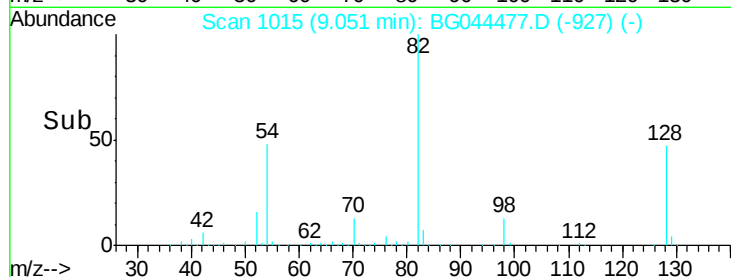
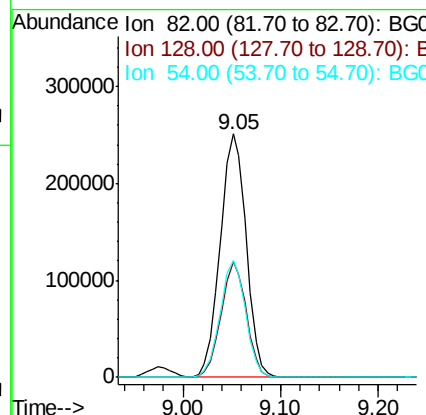
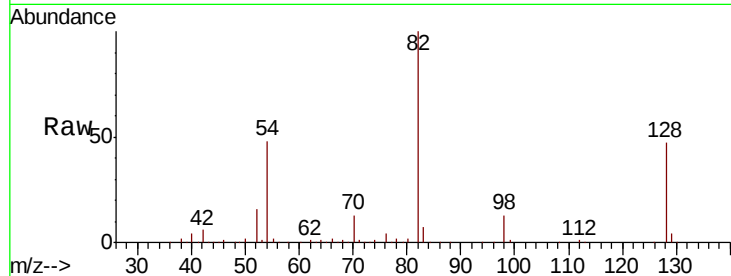
#23
 Nitrobenzene-d5
 Concen: 93.276 ng
 RT: 9.05 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: BG044477.D
 Acq: 18 Feb 2020 18:00

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-021420MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	461000		
128	47.3	36.5	54.7	
54	47.9	38.6	58.0	

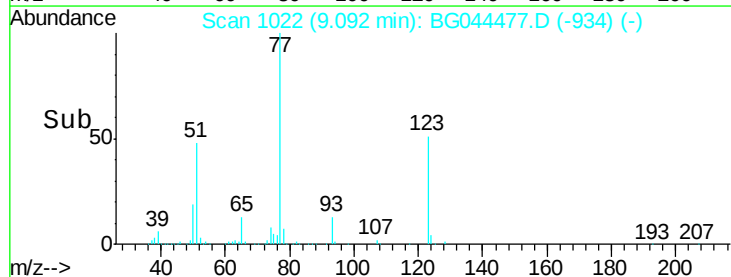
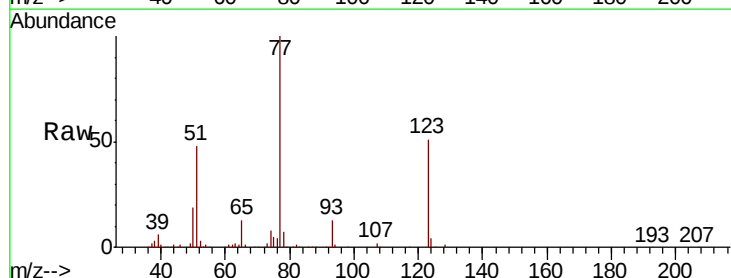
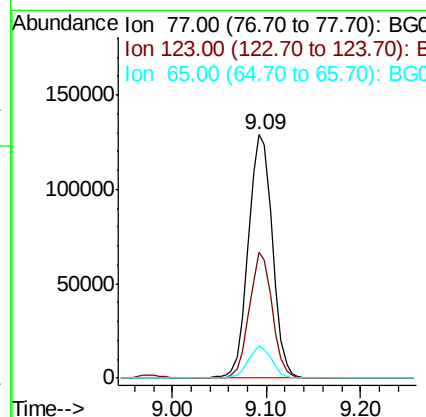
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#24
 Nitrobenzene
 Concen: 47.400 ng
 RT: 9.09 min Scan# 1022
 Delta R.T. -0.01 min
 Lab File: BG044477.D
 Acq: 18 Feb 2020 18:00

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	228705		
123	51.5	39.9	59.9	
65	13.1	10.4	15.6	





#25

Isophorone

Concen: 47.783 ng

RT: 9.62 min Scan# 1112

Delta R.T. -0.01 min

Lab File: BG044477.D

Acq: 18 Feb 2020 18:00

Instrument :

BNA_G

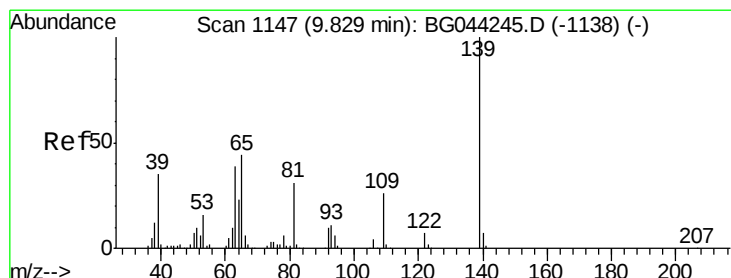
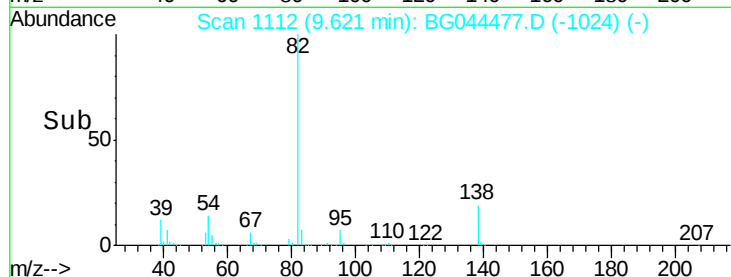
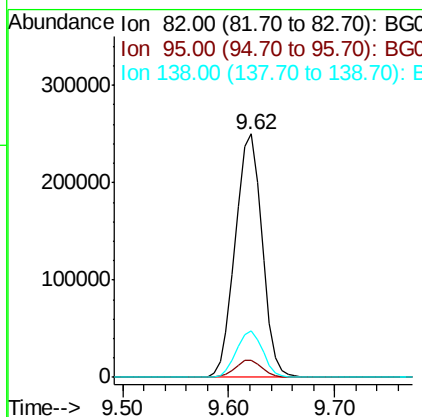
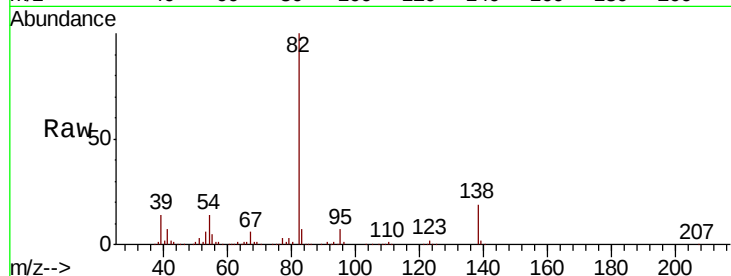
ClientSampleId :

CL-02-021420MS

Tot Ion:	82	Resp:	440172
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.7	8.5
138	18.9	15.0	22.4

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#26

2-Nitrophenol

Concen: 51.713 ng

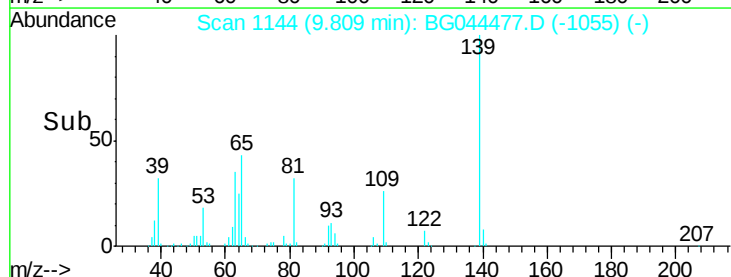
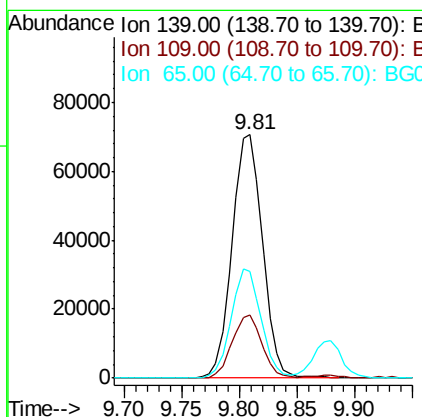
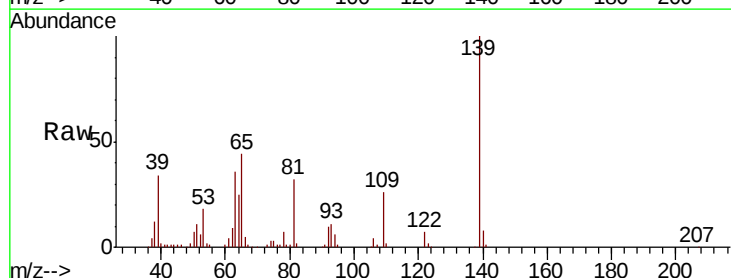
RT: 9.81 min Scan# 1144

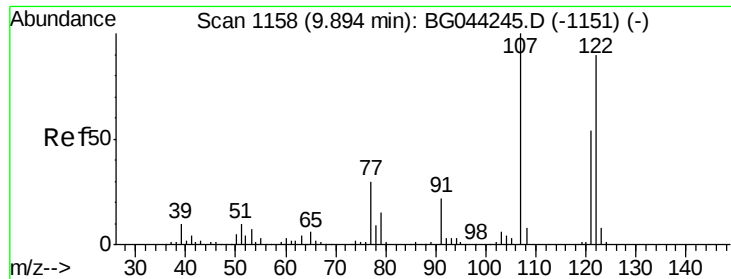
Delta R.T. -0.01 min

Lab File: BG044477.D

Acq: 18 Feb 2020 18:00

Tgt Ion:	139	Resp:	129468
Ion Ratio	Lower	Upper	
139	100		
109	25.7	21.0	31.4
65	43.9	35.0	52.4





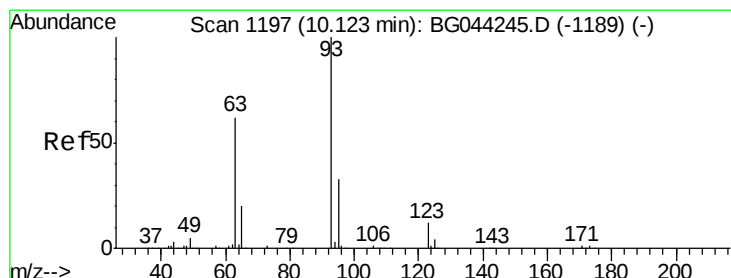
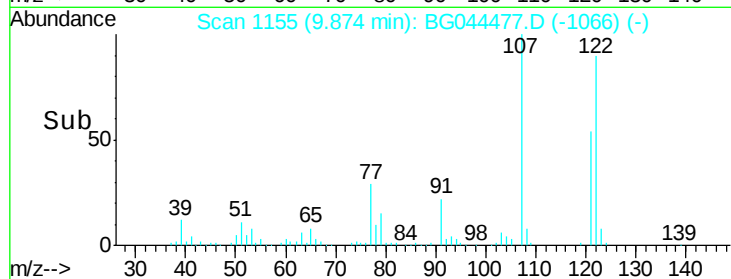
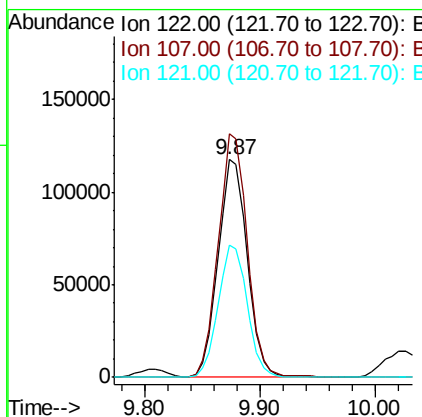
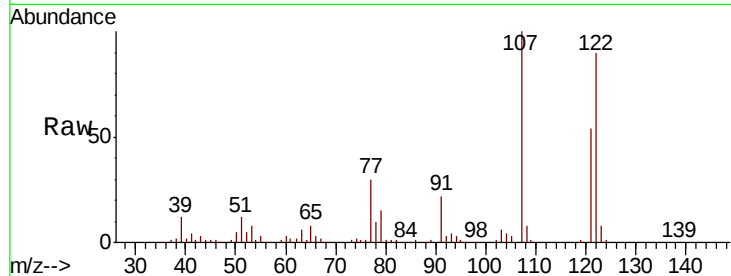
#27
2,4-Dimethylphenol
Concen: 58.058 ng
RT: 9.87 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BG044477.D
Acq: 18 Feb 2020 18:00

Instrument :
BNA_G
ClientSampleId :
CL-02-021420MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.7	88.8	133.2
121	60.6	48.3	72.5

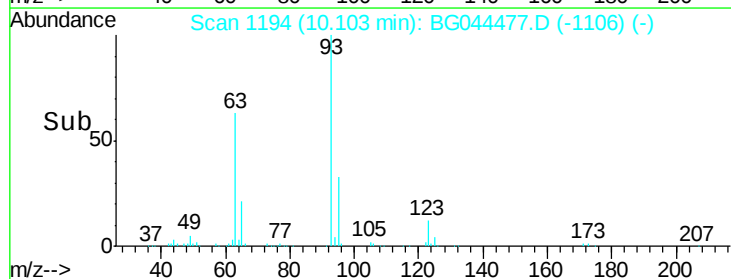
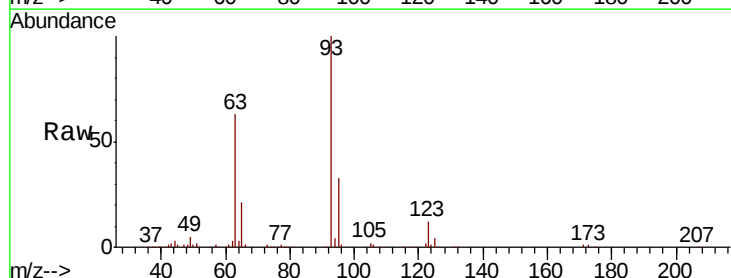
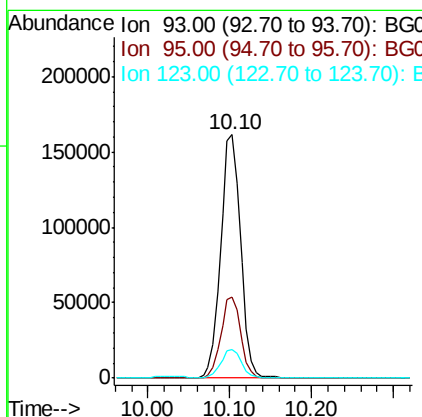
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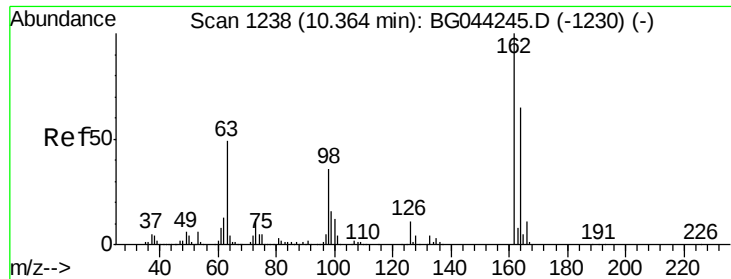
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 44.702 ng
RT: 10.10 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BG044477.D
Acq: 18 Feb 2020 18:00

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	26.6	40.0
123	11.8	10.0	15.0





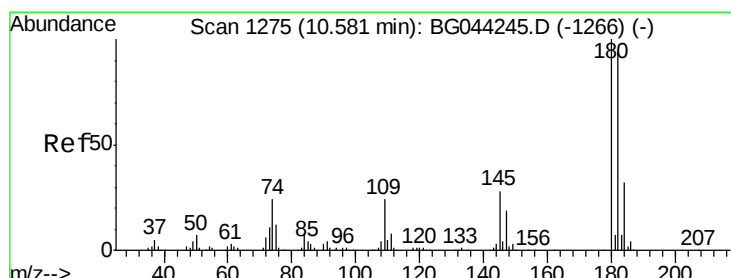
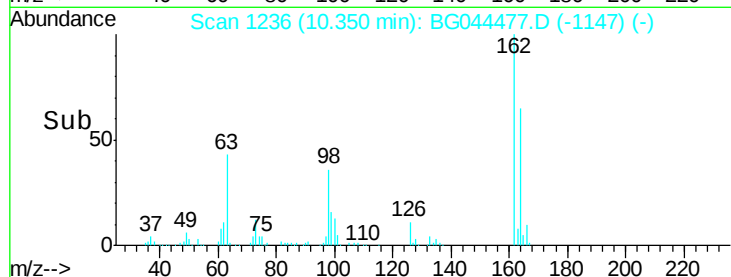
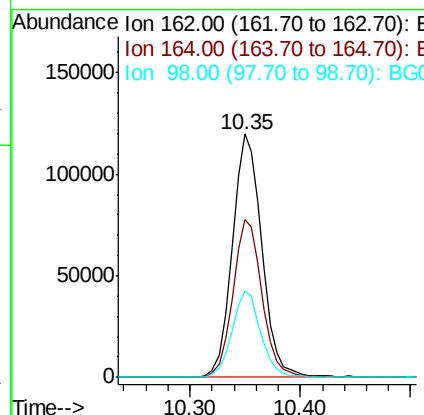
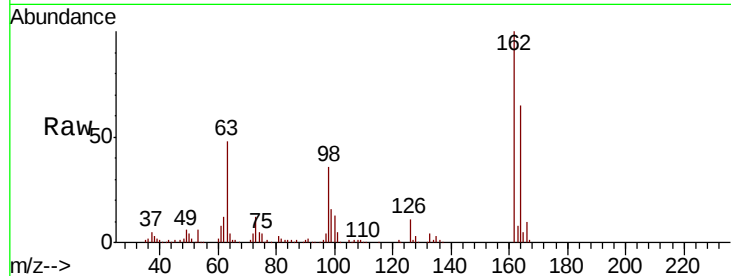
#29
2,4-Dichlorophenol
Concen: 52.368 ng
RT: 10.35 min Scan# 1236
Delta R.T. -0.01 min
Lab File: BG044477.D
Acq: 18 Feb 2020 18:00

Instrument :
BNA_G
ClientSampleId :
CL-02-021420MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	223787		
164	64.7	44.7	84.7	
98	35.6	15.8	55.8	

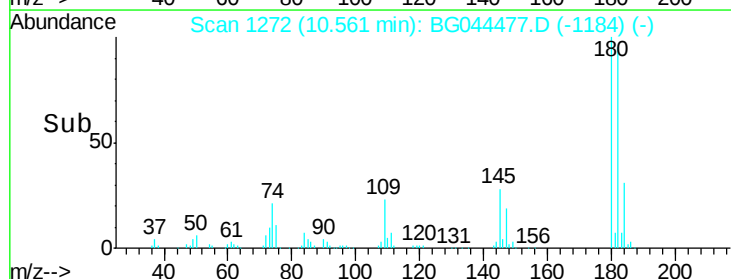
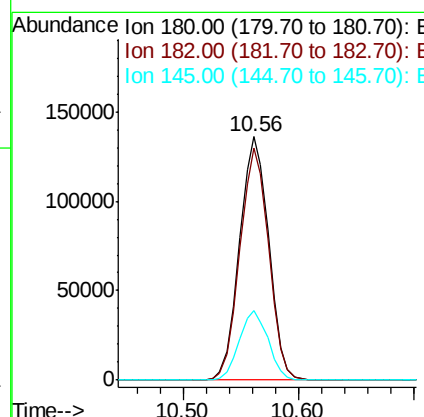
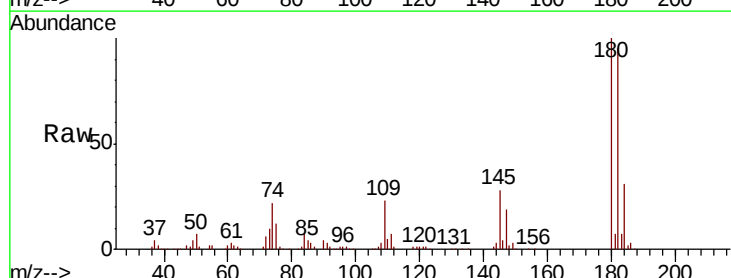
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#30
1,2,4-Trichlorobenzene
Concen: 48.486 ng
RT: 10.56 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BG044477.D
Acq: 18 Feb 2020 18:00

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	237580		
182	95.5	75.5	113.3	
145	28.5	22.6	34.0	





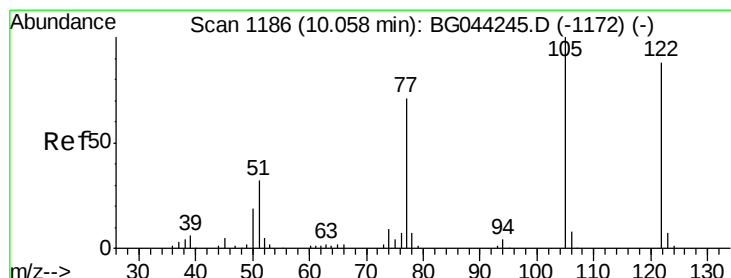
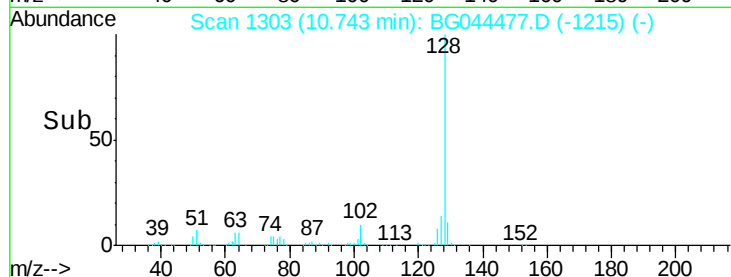
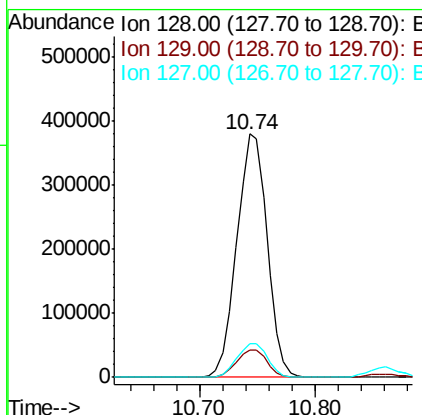
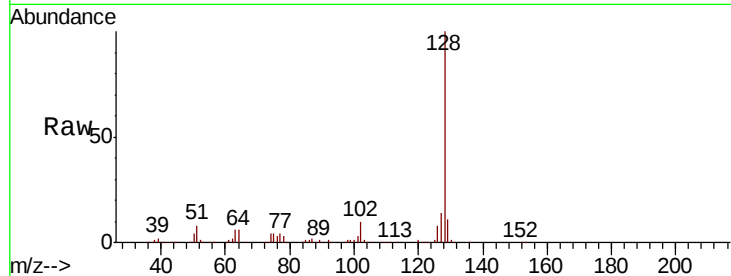
#31
Naphthalene
Concen: 51.108 ng
RT: 10.74 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BG044477.D
Acq: 18 Feb 2020 18:00

Instrument :
BNA_G
ClientSampleId :
CL-02-021420MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.3	13.9
127	14.0	11.6	17.4

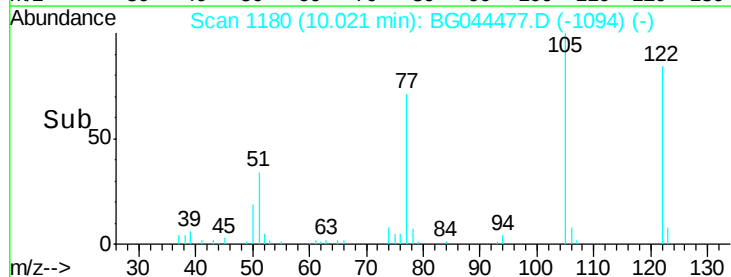
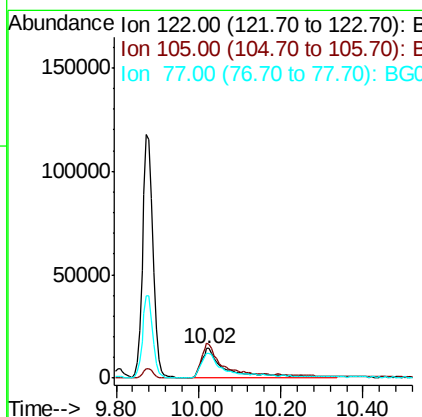
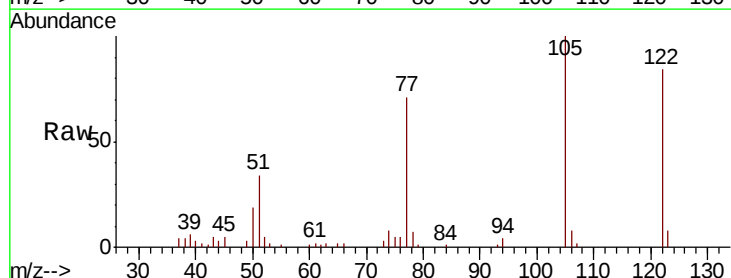
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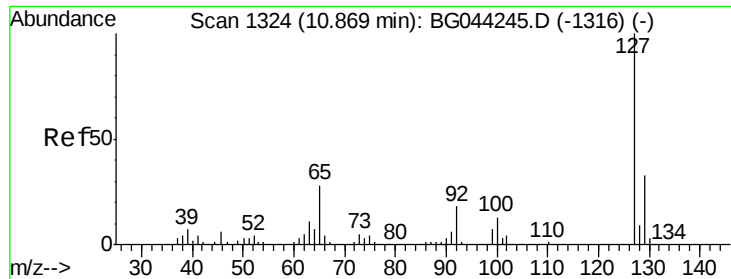
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#32
Benzoic acid
Concen: 32.262 ng m
RT: 10.02 min Scan# 1180
Delta R.T. -0.02 min
Lab File: BG044477.D
Acq: 18 Feb 2020 18:00

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.5	93.5	133.5
77	84.1	61.0	101.0





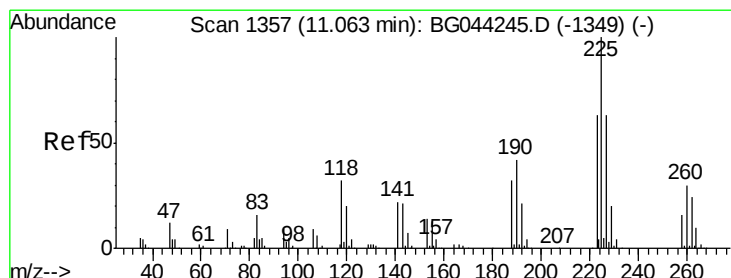
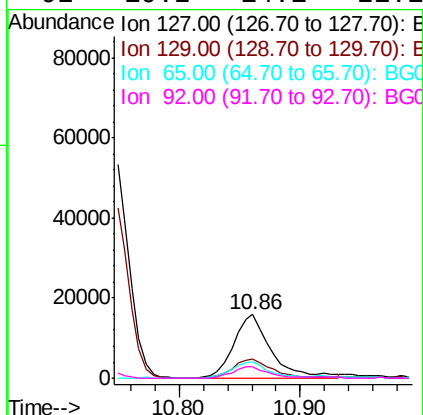
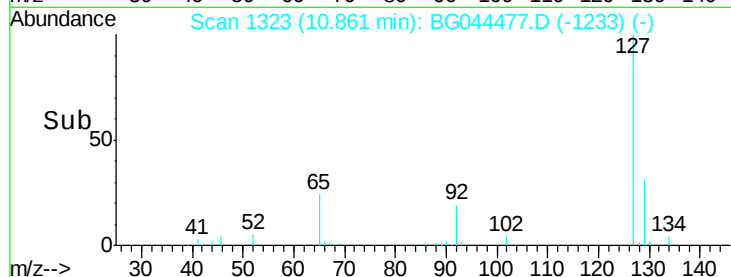
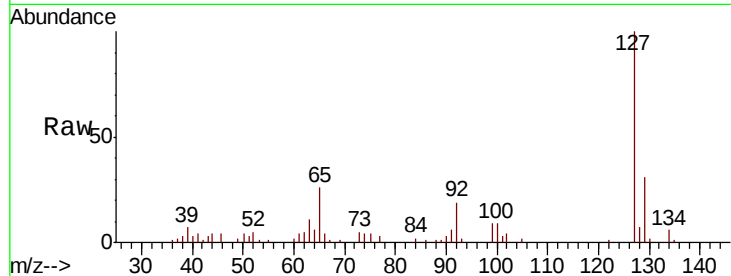
#33
4-Chloroaniline
Concen: 5.564 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BG044477.D
Acq: 18 Feb 2020 18:00

Instrument :
BNA_G
ClientSampleId :
CL-02-021420MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.1	26.6	40.0		
65	25.9	22.5	33.7		
92	19.2	14.1	21.1		

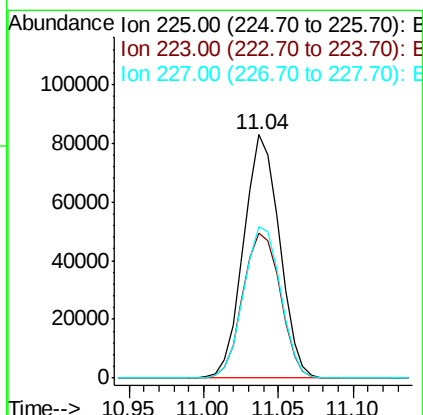
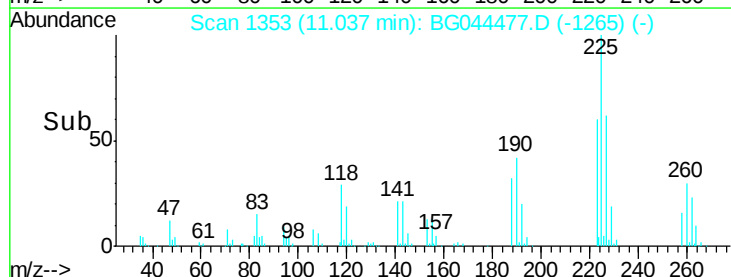
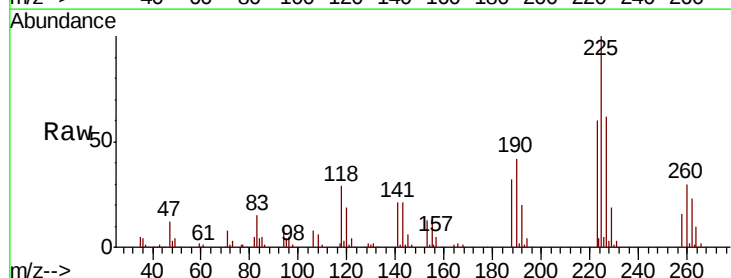
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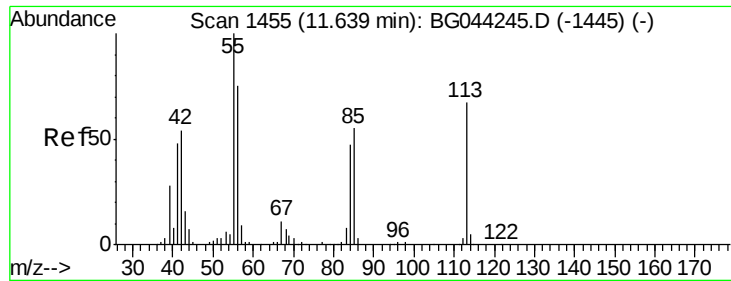
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#34
Hexachlorobutadiene
Concen: 45.837 ng
RT: 11.04 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG044477.D
Acq: 18 Feb 2020 18:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	59.6	50.2	75.4		
227	62.3	50.8	76.2		





#35

Caprolactam

Concen: 41.632 ng/mL

RT: 11.62 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BG044477.D

Acq: 18 Feb 2020 18:00

Instrument :

BNA_G

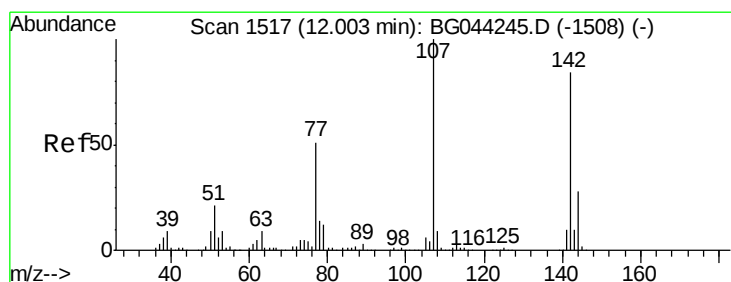
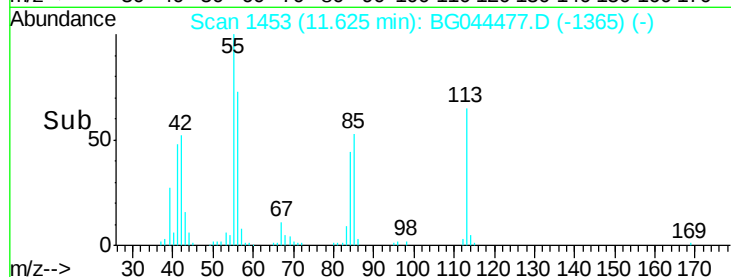
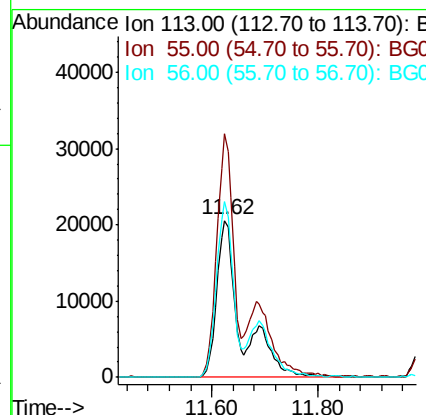
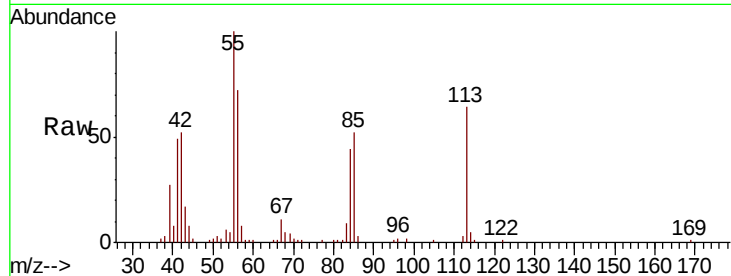
ClientSampleId :

CL-02-021420MS

Tot Ion:	113	Resp:	65171
Ion	Ratio	Lower	Upper
113	100		
55	155.5	129.9	169.9
56	112.4	92.5	132.5

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#36

4-Chloro-3-methylphenol

Concen: 53.571 ng/mL

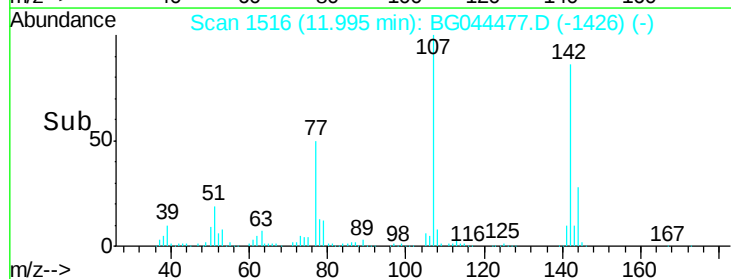
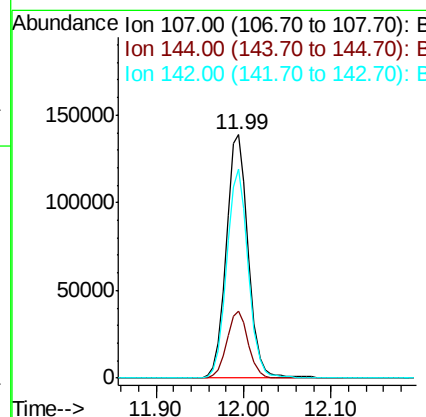
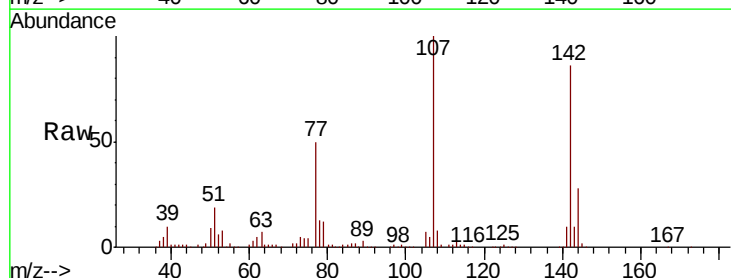
RT: 11.99 min Scan# 1516

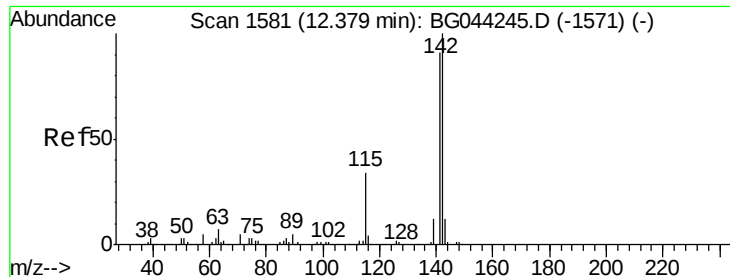
Delta R.T. -0.00 min

Lab File: BG044477.D

Acq: 18 Feb 2020 18:00

Tgt Ion:	107	Resp:	240017
Ion	Ratio	Lower	Upper
107	100		
144	27.7	22.2	33.4
142	85.9	67.4	101.0





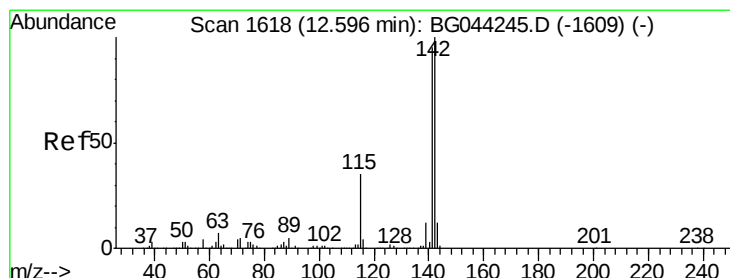
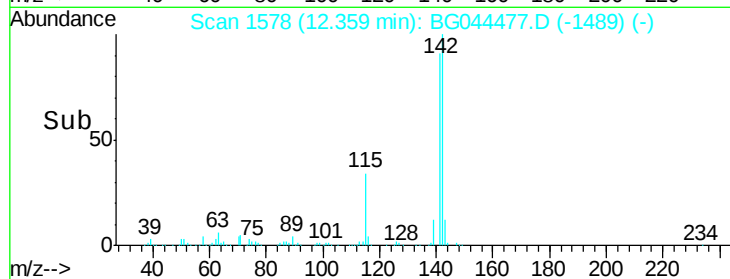
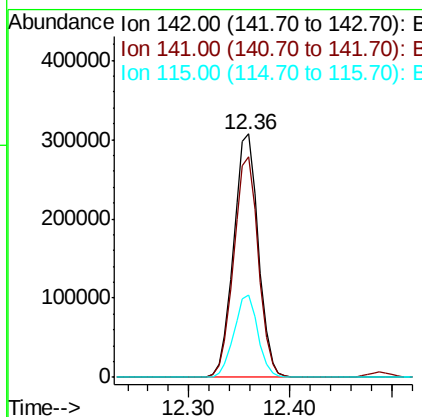
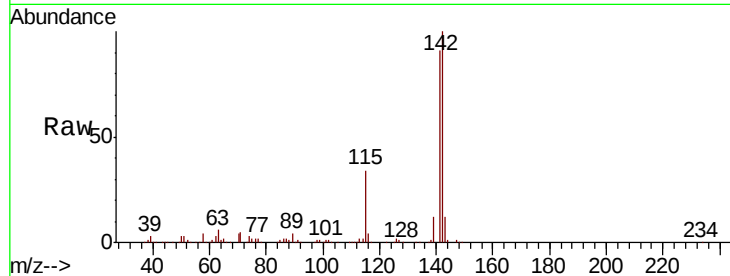
#37
2-Methylnaphthalene
Concen: 51.698 ng
RT: 12.36 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BG044477.D
Acq: 18 Feb 2020 18:00

Instrument :
BNA_G
ClientSampleId :
CL-02-021420MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.8	73.2	109.8
115	33.7	27.1	40.7

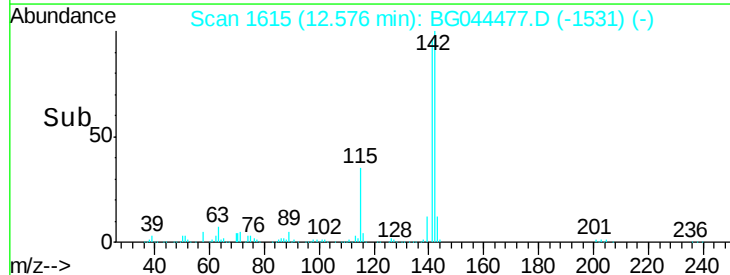
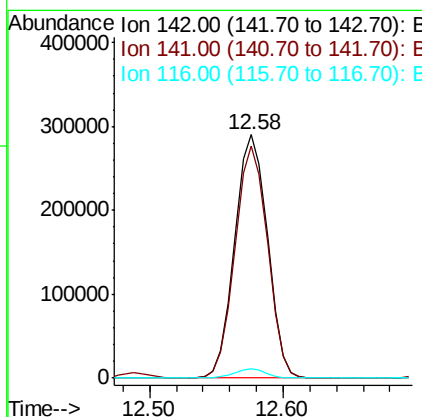
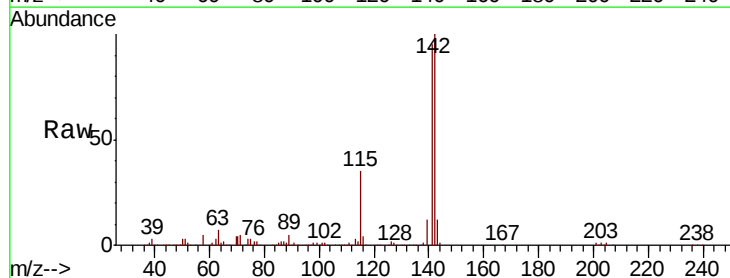
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#38
1-Methylnaphthalene
Concen: 52.245 ng
RT: 12.58 min Scan# 1615
Delta R.T. -0.01 min
Lab File: BG044477.D
Acq: 18 Feb 2020 18:00

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.5	75.8	113.6
116	3.9	3.1	4.7





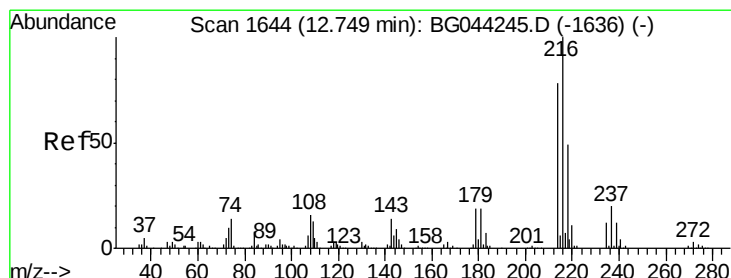
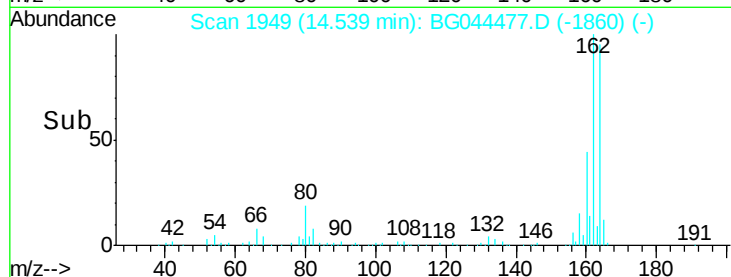
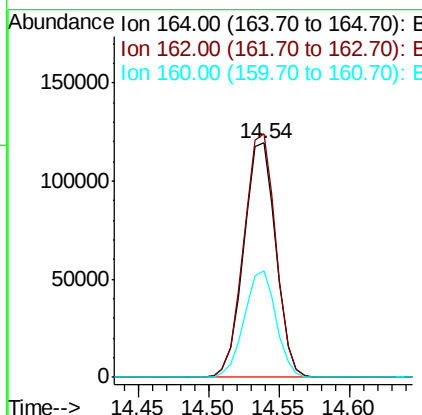
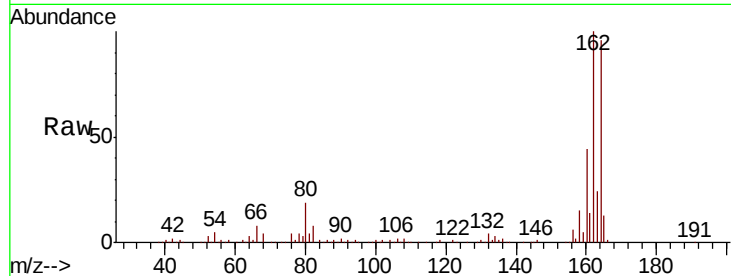
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.54 min Scan# 1949
Delta R.T. -0.01 min
Lab File: BG044477.D
Acq: 18 Feb 2020 18:00

Instrument :
BNA_G
ClientSampleId :
CL-02-021420MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100	190910		
162	103.8	80.7	121.1	
160	45.7	35.3	52.9	

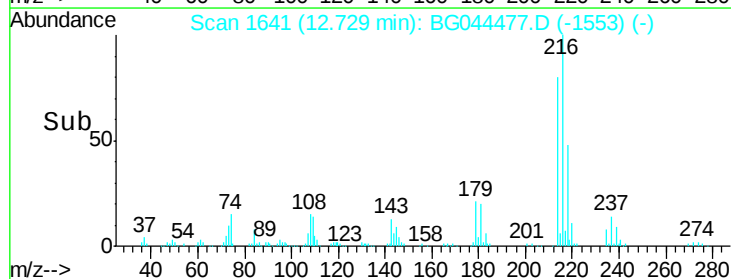
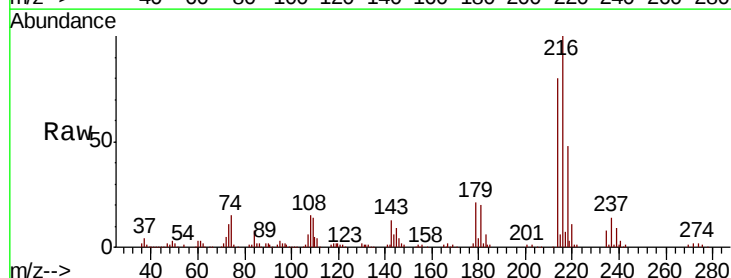
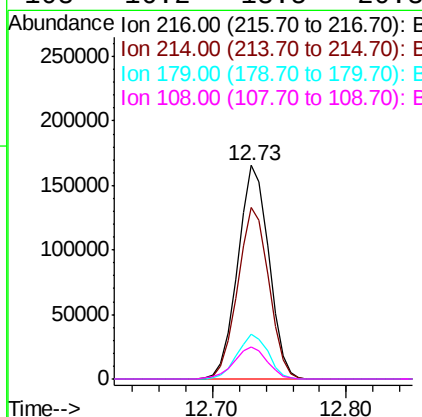
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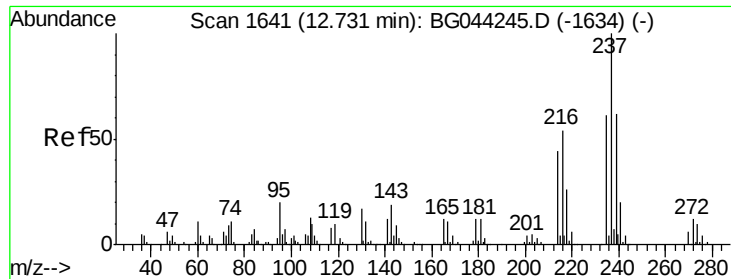
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.606 ng
RT: 12.73 min Scan# 1641
Delta R.T. -0.01 min
Lab File: BG044477.D
Acq: 18 Feb 2020 18:00

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	266157		
214	80.4	63.0	94.6	
179	20.9	16.2	24.4	
108	16.2	13.5	20.3	





#41

Hexachlorocyclopentadiene

Concen: 45.256 ng

RT: 12.71 min Scan# 1638

Delta R.T. -0.01 min

Lab File: BG044477.D

Acq: 18 Feb 2020 18:00

Instrument :

BNA_G

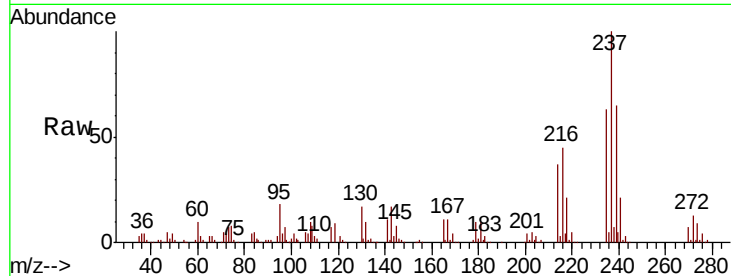
ClientSampleId :

CL-02-021420MS

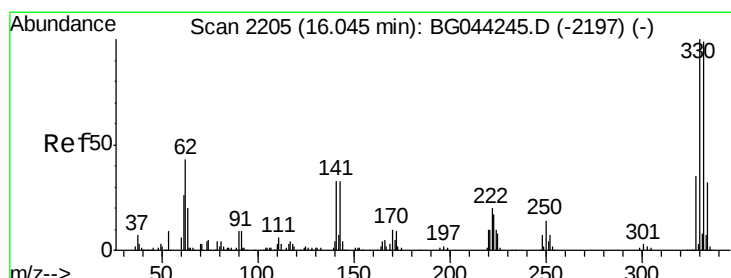
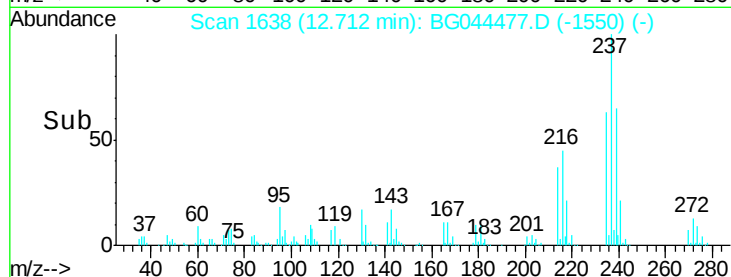
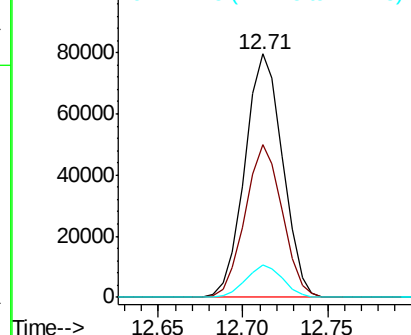
Tot Ion:	237	Resp:	124010
Ion Ratio	Lower	Upper	
237	100		
235	62.5	41.2	81.2
272	13.1	0.0	32.4

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



#42

2,4,6-Tribromophenol

Concen: 151.462 ng

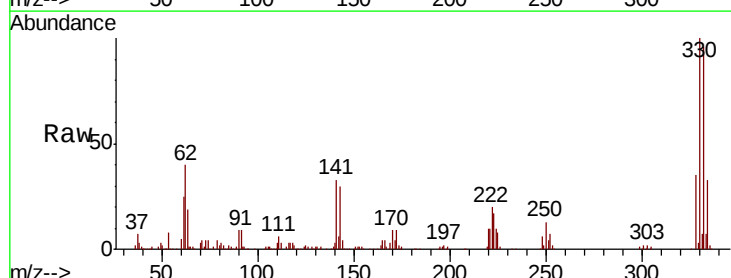
RT: 16.03 min Scan# 2203

Delta R.T. -0.00 min

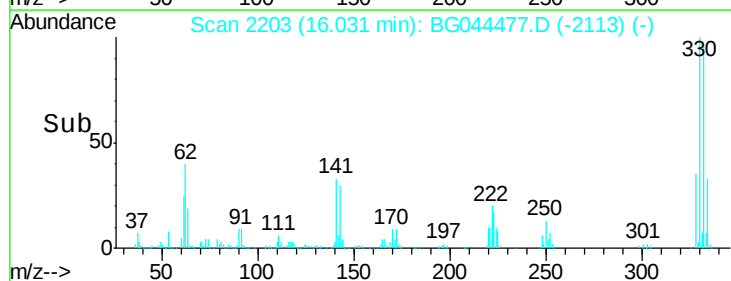
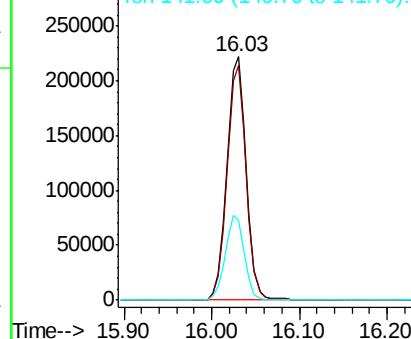
Lab File: BG044477.D

Acq: 18 Feb 2020 18:00

Tgt Ion:	330	Resp:	339453
Ion Ratio	Lower	Upper	
330	100		
332	95.3	77.2	115.8
141	34.6	28.3	42.5



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





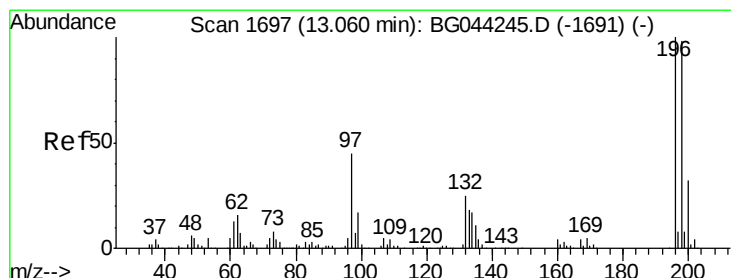
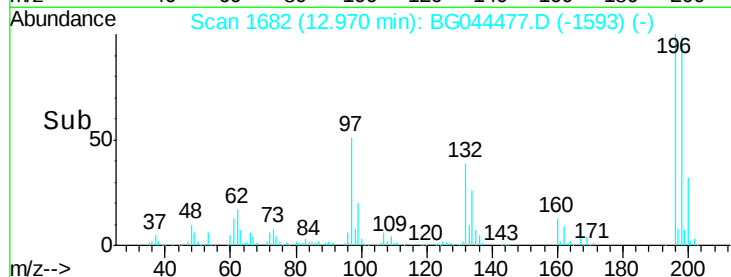
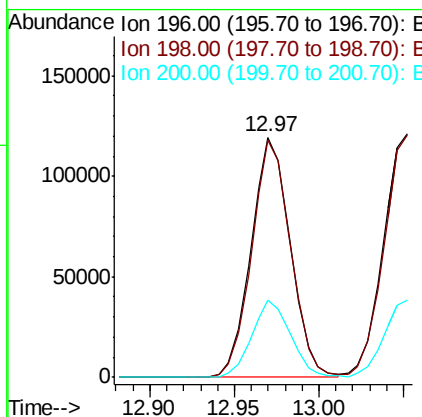
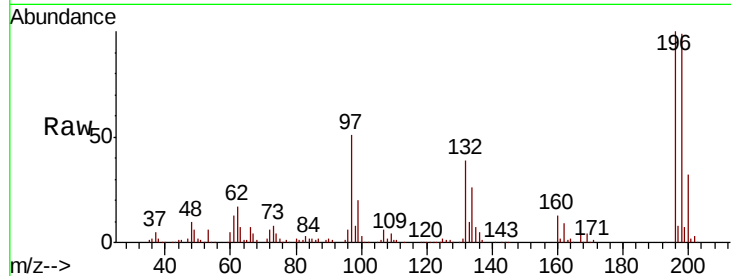
#43
 2,4,6-Trichlorophenol
 Concen: 51.964 ng
 RT: 12.97 min Scan# 1682
 Delta R.T. -0.01 min
 Lab File: BG044477.D
 Acq: 18 Feb 2020 18:00

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-021420MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	191814		
198	98.6	79.3	118.9	
200	32.1	25.7	38.5	

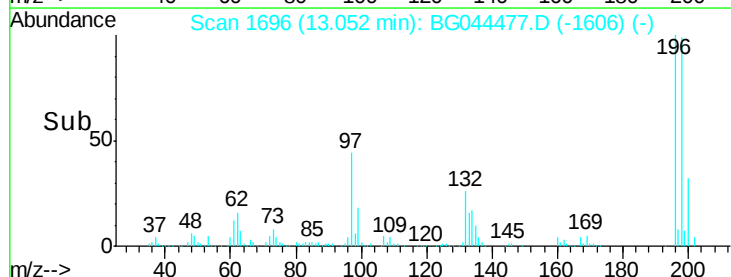
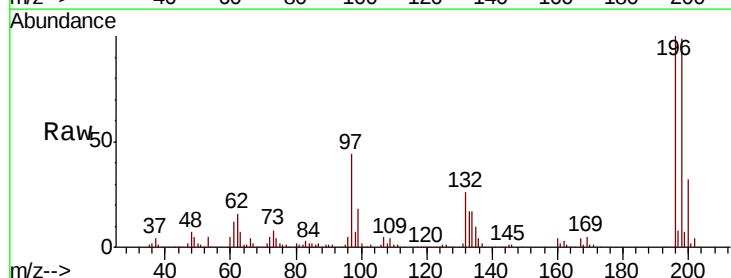
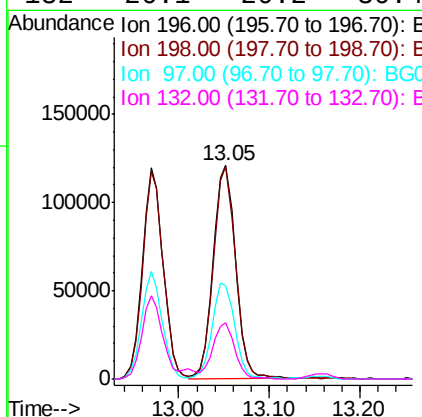
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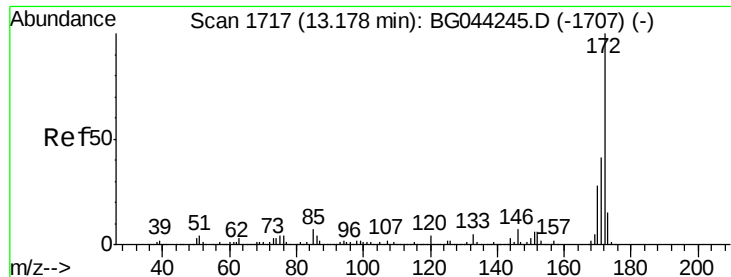
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#44
 2,4,5-Trichlorophenol
 Concen: 55.037 ng
 RT: 13.05 min Scan# 1696
 Delta R.T. -0.00 min
 Lab File: BG044477.D
 Acq: 18 Feb 2020 18:00

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	207506		
198	99.4	78.2	117.2	
97	44.0	36.2	54.4	
132	26.1	20.2	30.4	





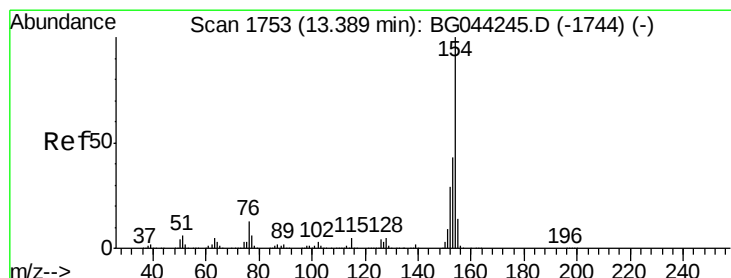
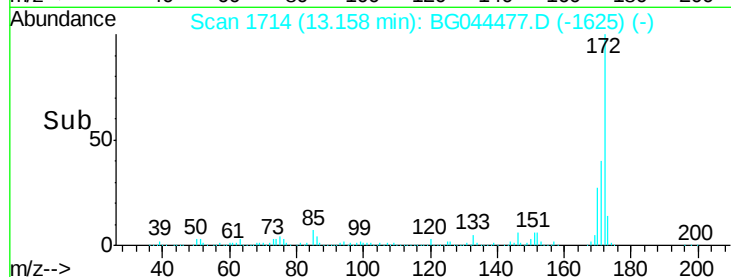
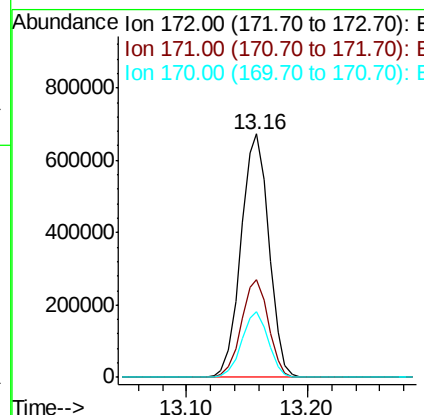
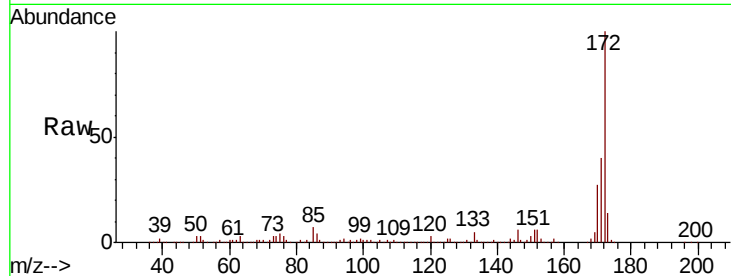
#45
2-Fluorobiphenyl
Concen: 94.835 ng
RT: 13.16 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG044477.D
Acq: 18 Feb 2020 18:00

Instrument :
BNA_G
ClientSampleId :
CL-02-021420MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	40.1	32.9	49.3
170	26.7	22.0	33.0

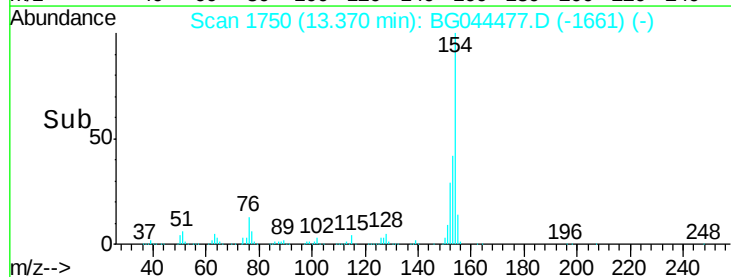
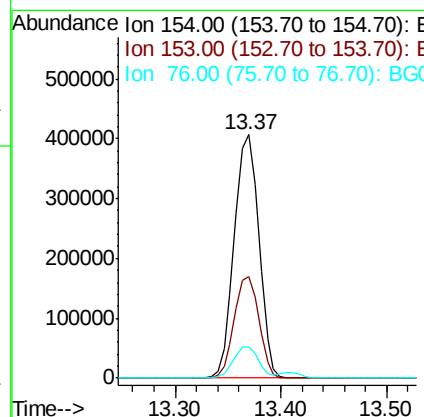
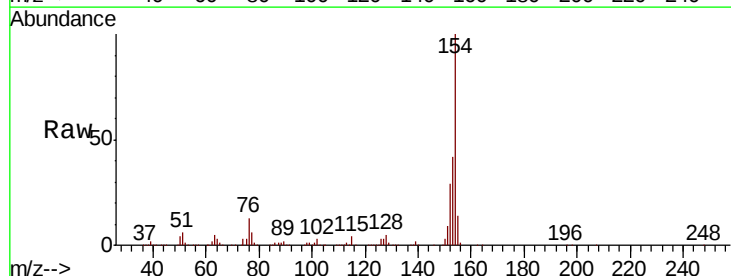
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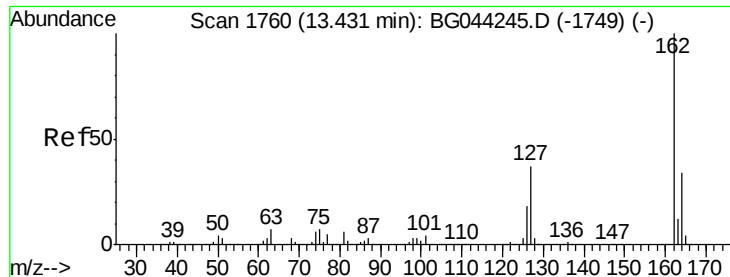
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#46
1,1'-Biphenyl
Concen: 47.563 ng
RT: 13.37 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BG044477.D
Acq: 18 Feb 2020 18:00

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.9	22.7	62.7
76	12.6	0.0	32.9





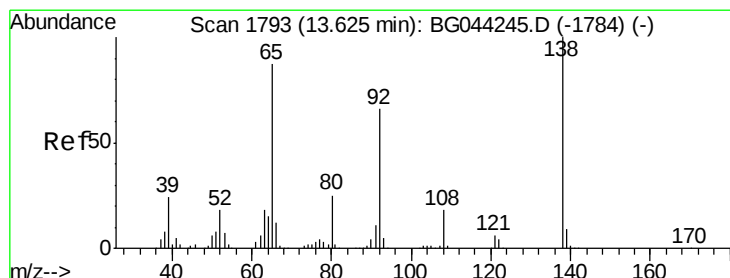
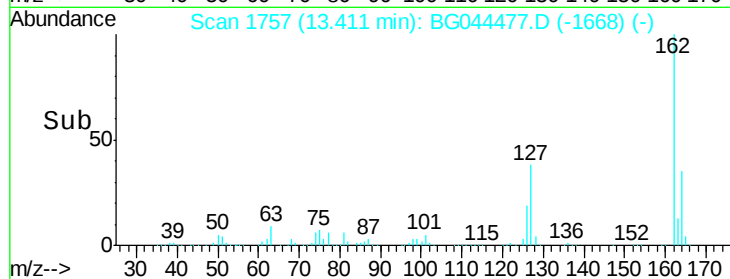
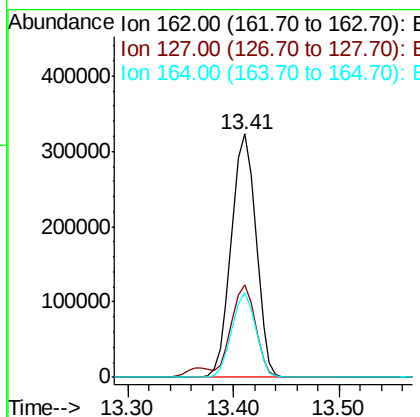
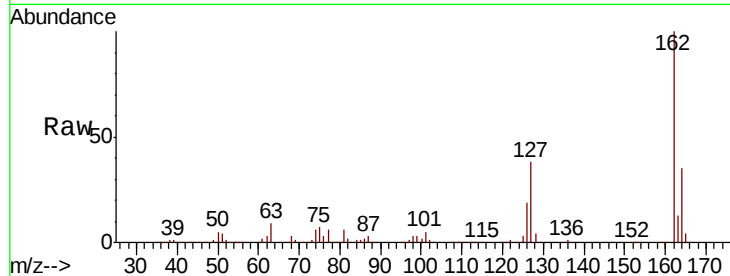
#47
2-Chloronaphthalene
Concen: 47.644 ng
RT: 13.41 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BG044477.D
Acq: 18 Feb 2020 18:00

Instrument :
BNA_G
ClientSampleId :
CL-02-021420MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.9	30.0	45.0
164	34.8	27.2	40.8

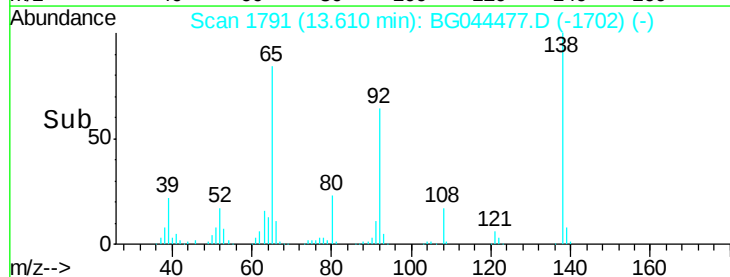
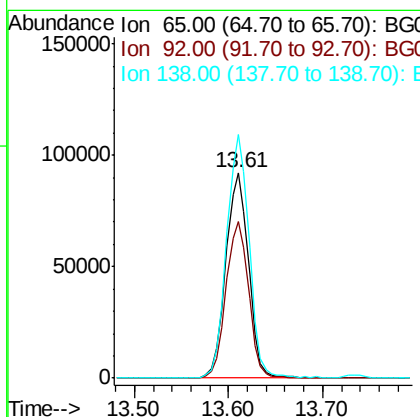
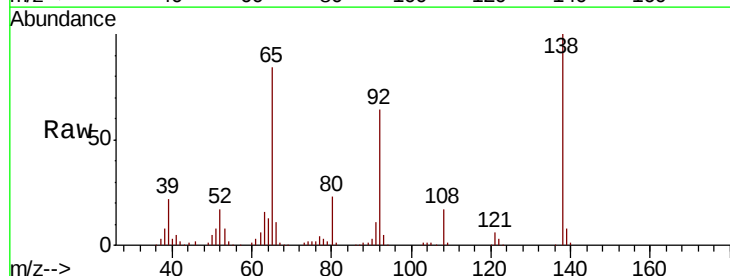
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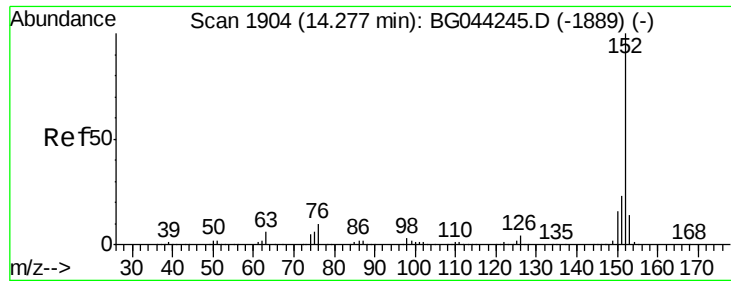
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#48
2-Nitroaniline
Concen: 47.982 ng
RT: 13.61 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BG044477.D
Acq: 18 Feb 2020 18:00

Tgt Ion	Ratio	Lower	Upper
65	100		
92	76.0	60.3	90.5
138	118.5	91.9	137.9





#49

Acenaphthylene

Concen: 51.938 ng

RT: 14.26 min Scan# 1901

Delta R.T. -0.01 min

Lab File: BG044477.D

Acq: 18 Feb 2020 18:00

Instrument :

BNA_G

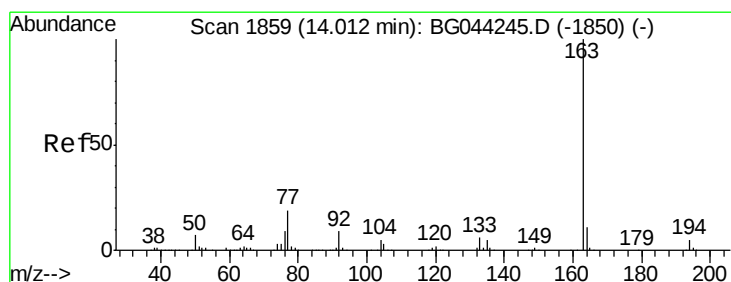
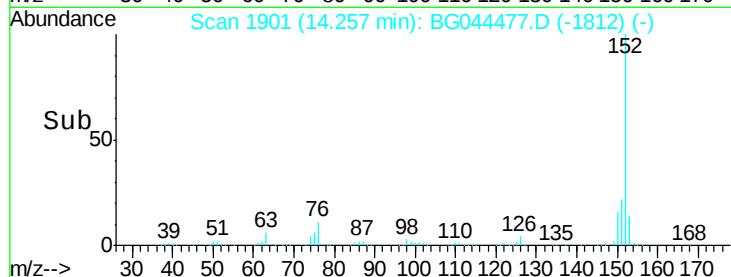
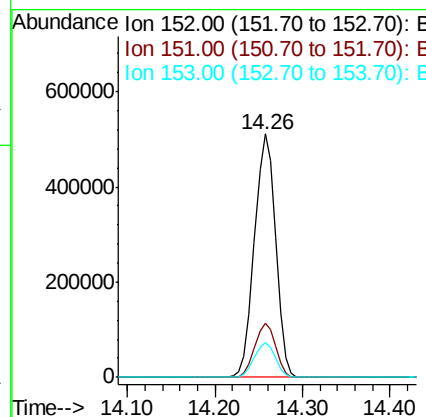
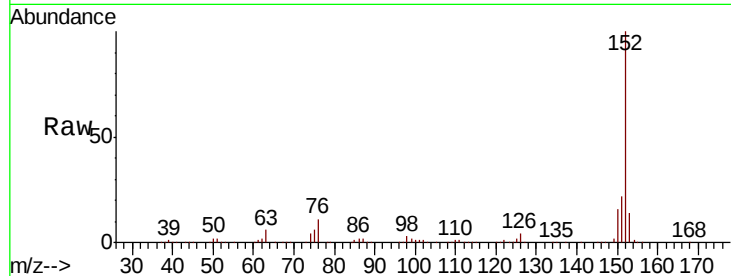
ClientSampleId :

CL-02-021420MS

Tot Ion:	152	Resp:	834768
Ion Ratio	Lower	Upper	
152	100		
151	22.3	18.1	27.1
153	14.3	11.5	17.3

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#50

Dimethylphthalate

Concen: 48.605 ng

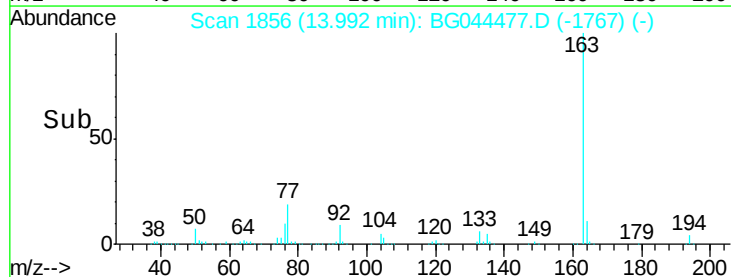
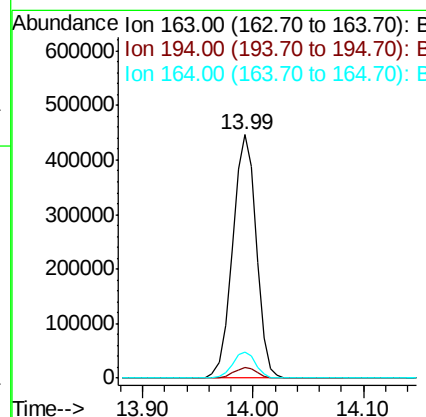
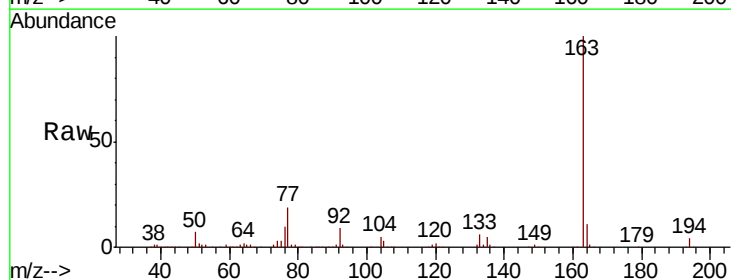
RT: 13.99 min Scan# 1856

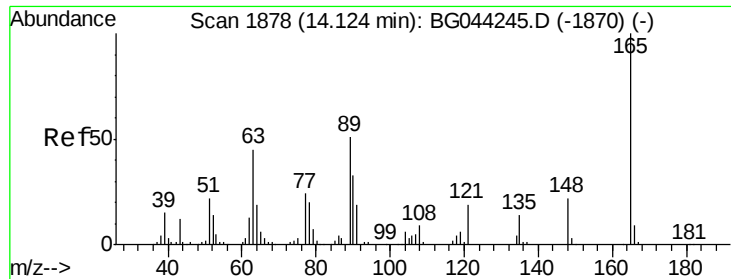
Delta R.T. -0.01 min

Lab File: BG044477.D

Acq: 18 Feb 2020 18:00

Tgt Ion:	163	Resp:	667012
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.6	5.4
164	10.8	8.7	13.1





#51

2,6-Dinitrotoluene

Concen: 50.200 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG044477.D

Acq: 18 Feb 2020 18:00

Instrument :

BNA_G

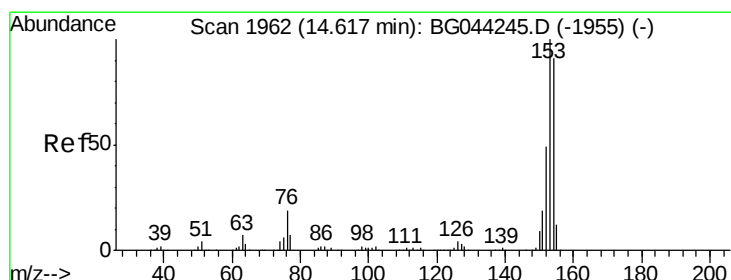
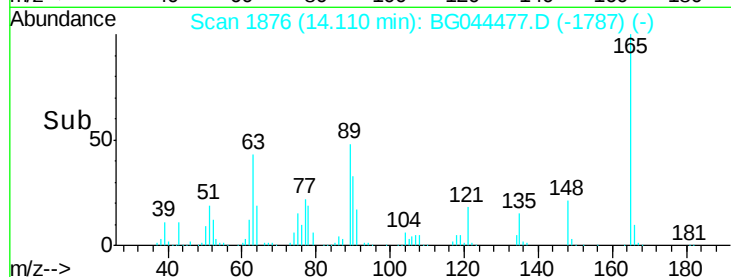
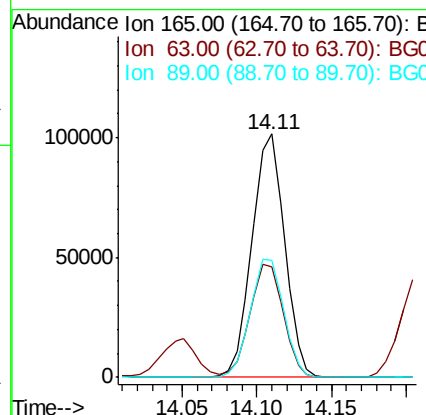
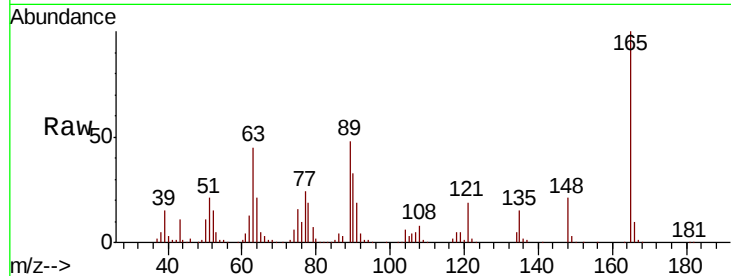
ClientSampleId :

CL-02-021420MS

Tot Ion:	165	Resp:	153601
Ion Ratio	Lower	Upper	
165	100		
63	45.5	38.7	58.1
89	48.0	40.4	60.6

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#52

Acenaphthene

Concen: 50.151 ng

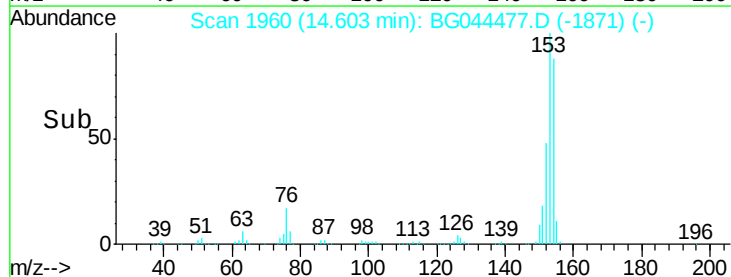
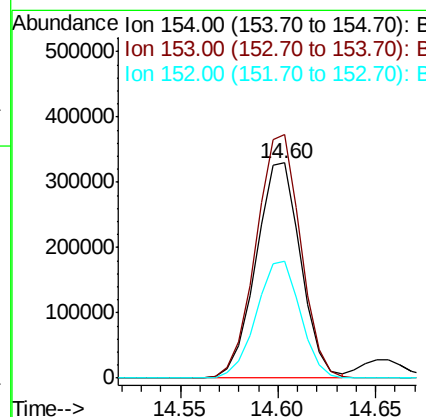
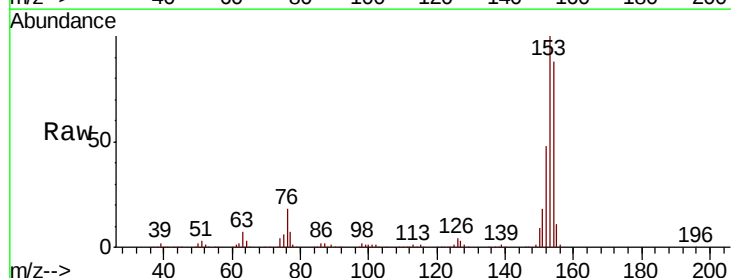
RT: 14.60 min Scan# 1960

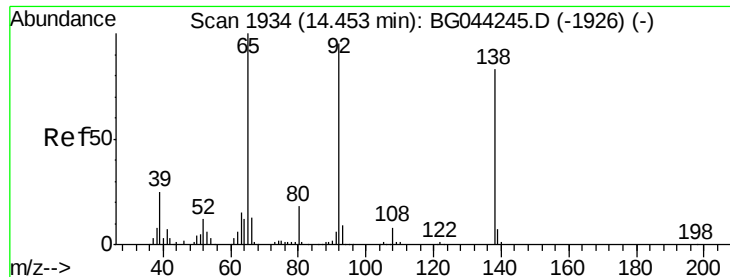
Delta R.T. -0.01 min

Lab File: BG044477.D

Acq: 18 Feb 2020 18:00

Tgt Ion:	154	Resp:	522449
Ion Ratio	Lower	Upper	
154	100		
153	113.3	87.9	131.9
152	54.5	43.1	64.7





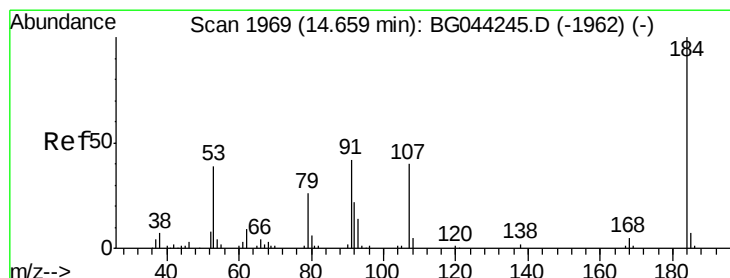
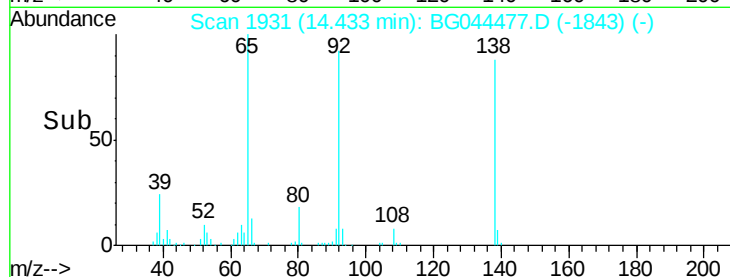
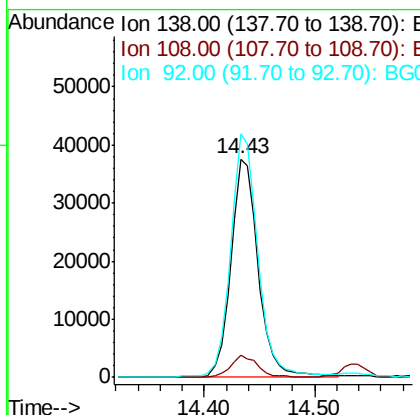
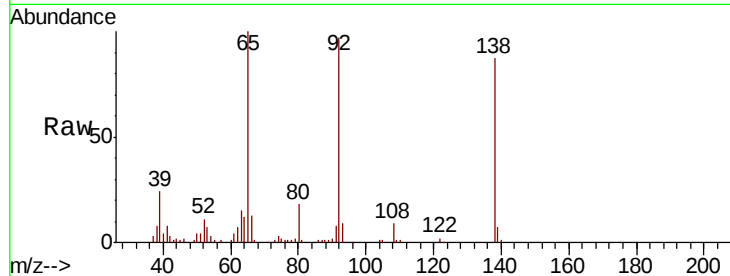
#53
 3-Nitroaniline
 Concen: 19.273 ng
 RT: 14.43 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: BG044477.D
 Acq: 18 Feb 2020 18:00

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-021420MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.3	7.9	11.9
92	111.7	91.0	136.4

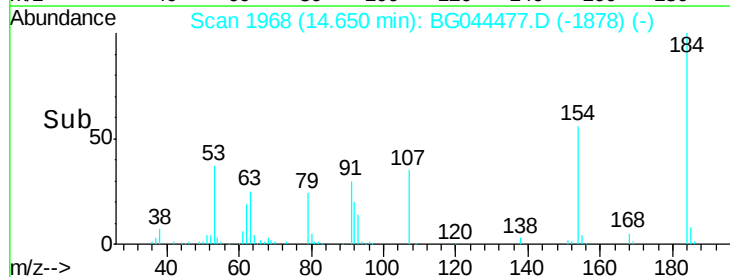
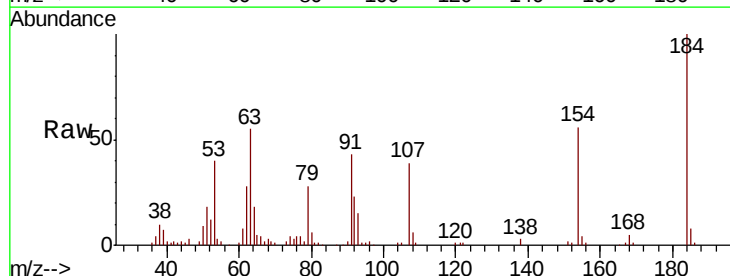
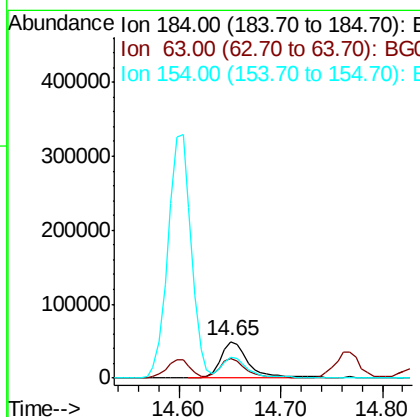
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#54
 2,4-Dinitrophenol
 Concen: 54.516 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: BG044477.D
 Acq: 18 Feb 2020 18:00

Tgt Ion	Ratio	Lower	Upper
184	100		
63	55.5	44.1	66.1
154	56.2	45.4	68.0





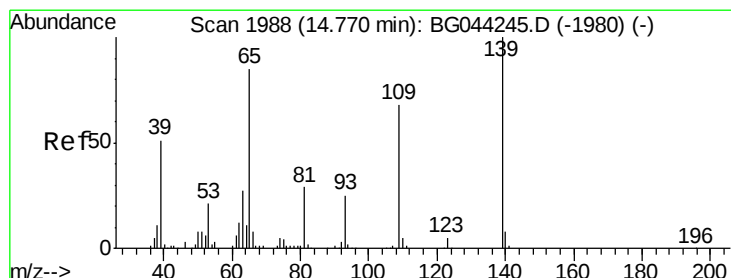
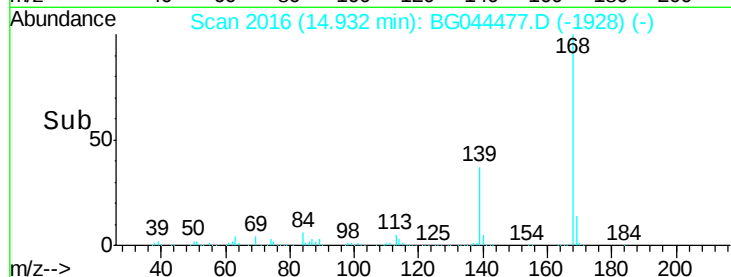
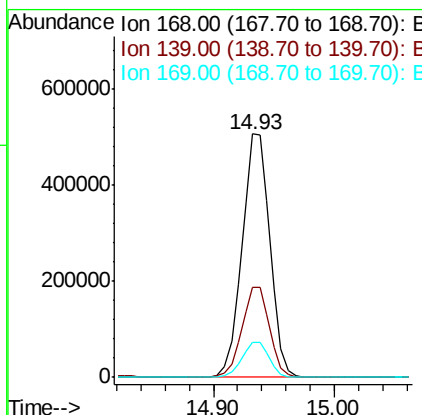
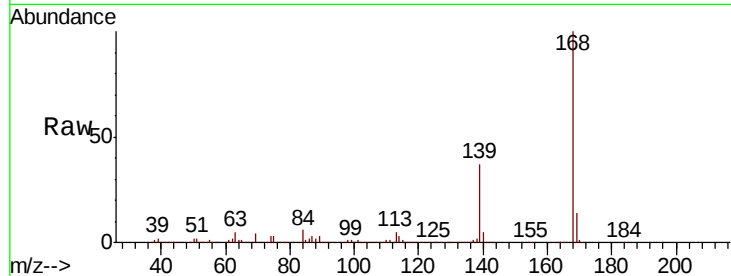
#55
Dibenzofuran
Concen: 51.301 ng
RT: 14.93 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BG044477.D
Acq: 18 Feb 2020 18:00

Instrument :
BNA_G
ClientSampleId :
CL-02-021420MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.1	30.5	45.7
169	14.5	11.7	17.5

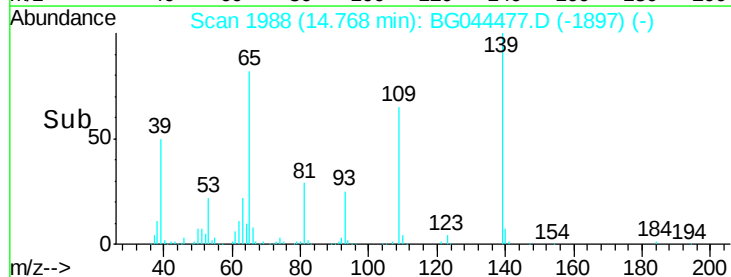
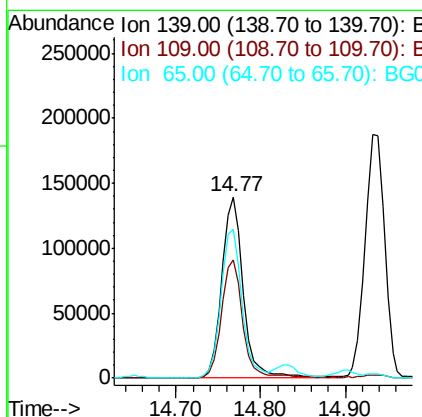
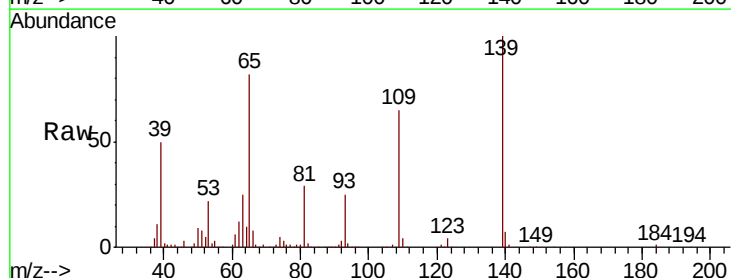
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#56
4-Nitrophenol
Concen: 99.879 ng
RT: 14.77 min Scan# 1988
Delta R.T. 0.01 min
Lab File: BG044477.D
Acq: 18 Feb 2020 18:00

Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.1	47.5	87.5
65	82.0	64.9	104.9





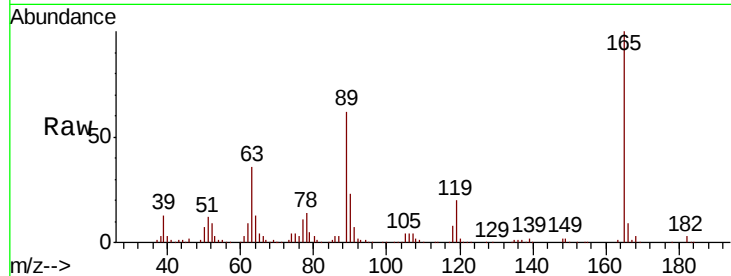
#57
2,4-Dinitrotoluene
Concen: 50.636 ng
RT: 14.90 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BG044477.D
Acq: 18 Feb 2020 18:00

Instrument :
BNA_G
ClientSampleId :
CL-02-021420MS

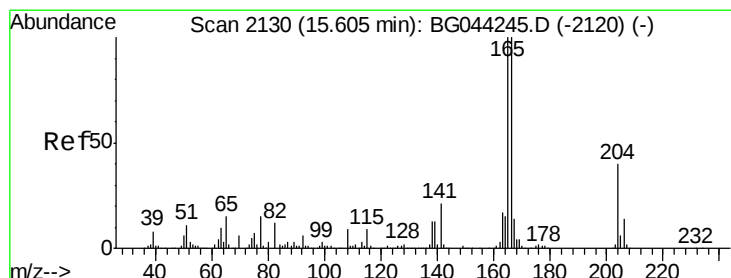
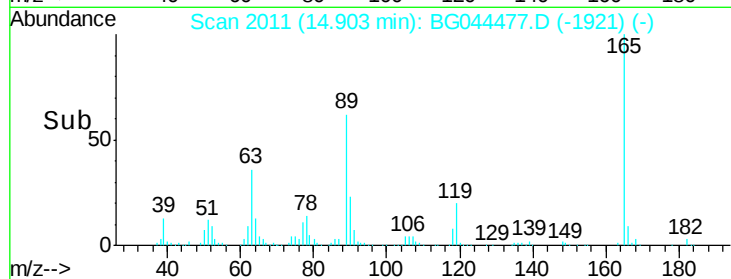
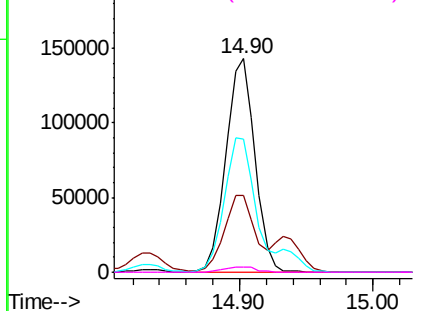
Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		217157		
63	35.8	30.3	45.5		
89	62.2	53.4	80.2		
182	2.6	2.1	3.1		

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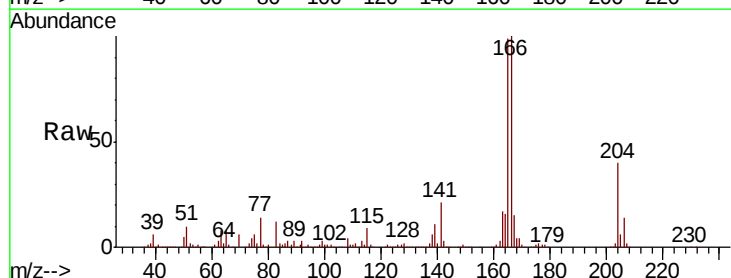


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

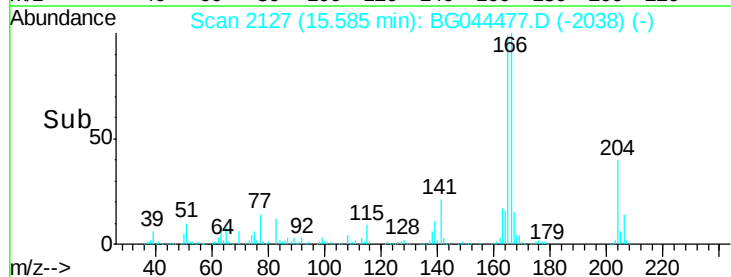
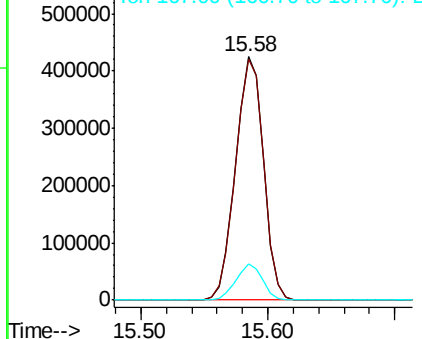


#58
Fluorene
Concen: 51.834 ng
RT: 15.58 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BG044477.D
Acq: 18 Feb 2020 18:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		643932		
165	99.0	79.9	119.9		
167	14.7	11.4	17.0		



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





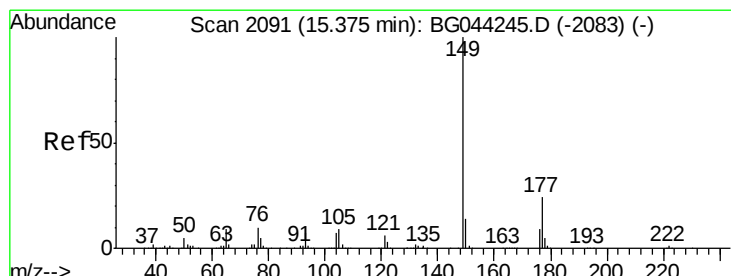
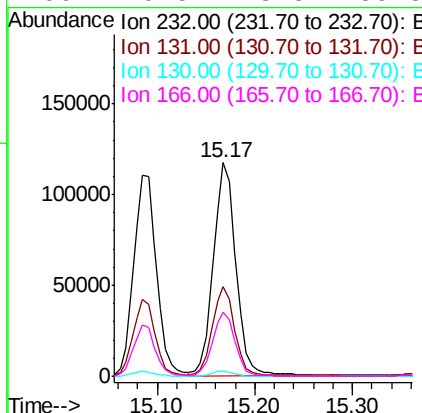
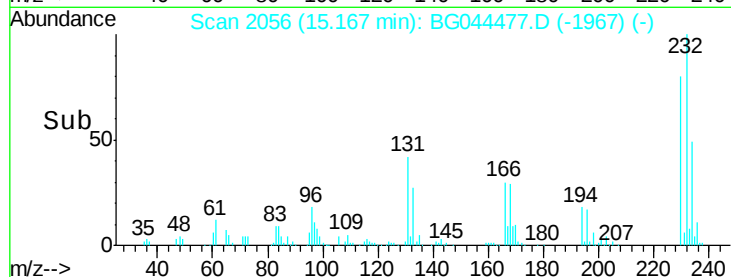
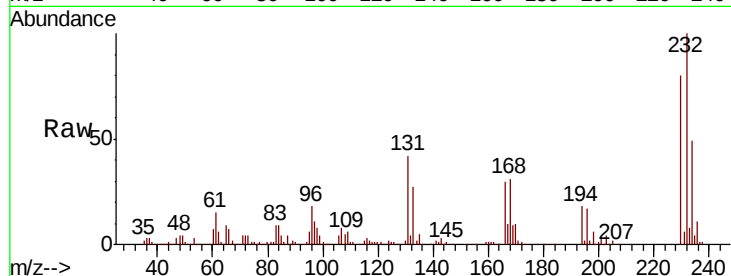
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 54.928 ng
 RT: 15.17 min Scan# 2056
 Delta R.T. -0.01 min
 Lab File: BG044477.D
 Acq: 18 Feb 2020 18:00

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-021420MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	187060		
131	41.9		34.2	51.4
130	2.4		1.8	2.8
166	29.5		23.8	35.8

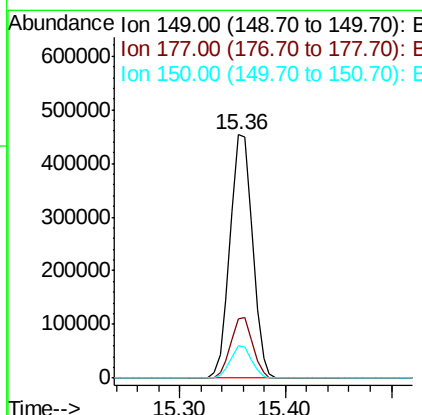
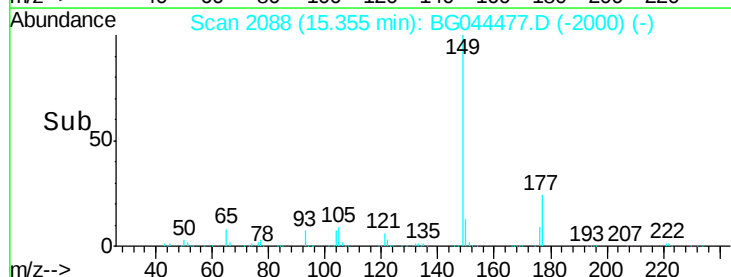
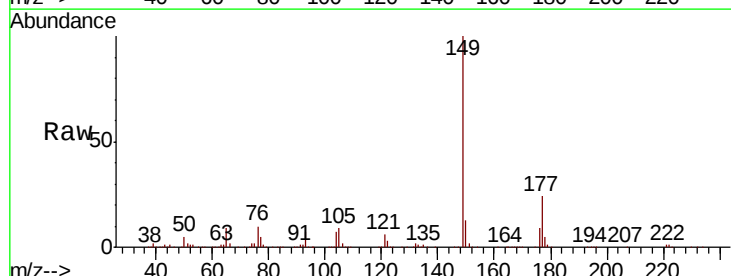
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#60
 Diethylphthalate
 Concen: 48.538 ng
 RT: 15.36 min Scan# 2088
 Delta R.T. -0.01 min
 Lab File: BG044477.D
 Acq: 18 Feb 2020 18:00

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	663713		
177	24.3		19.4	29.0
150	13.2		10.9	16.3





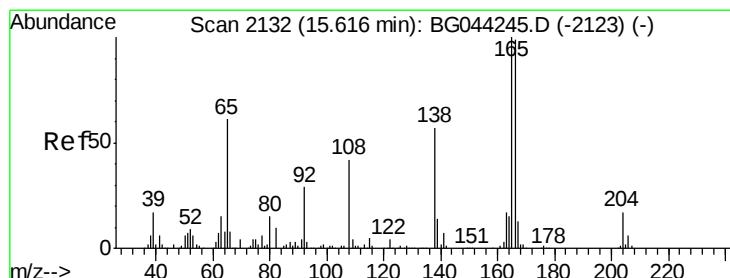
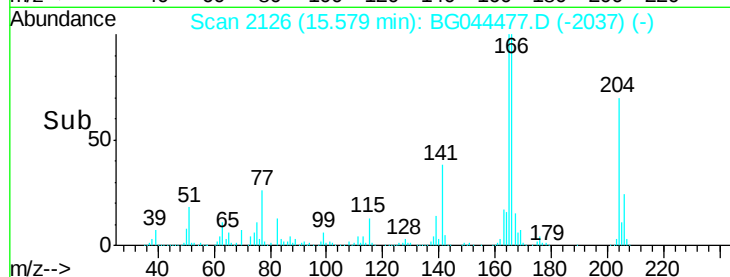
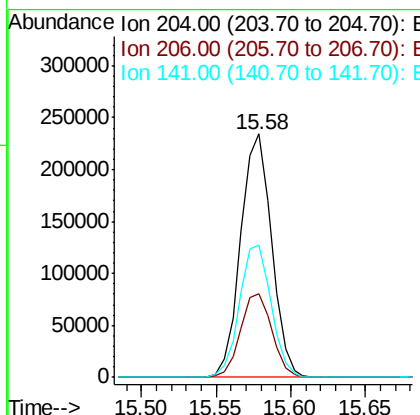
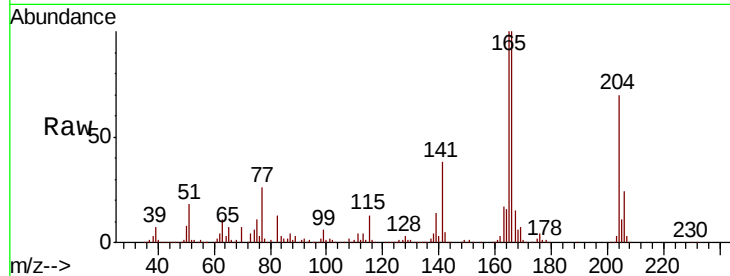
#61
4-Chlorophenyl-phenylether
Concen: 49.918 ng
RT: 15.58 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BG044477.D
Acq: 18 Feb 2020 18:00

Instrument :
BNA_G
ClientSampleId :
CL-02-021420MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.5	27.6	41.4
141	54.2	43.4	65.0

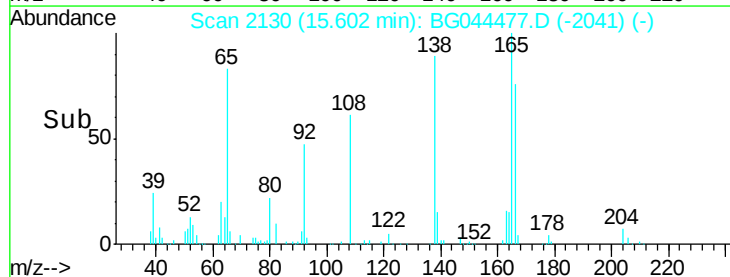
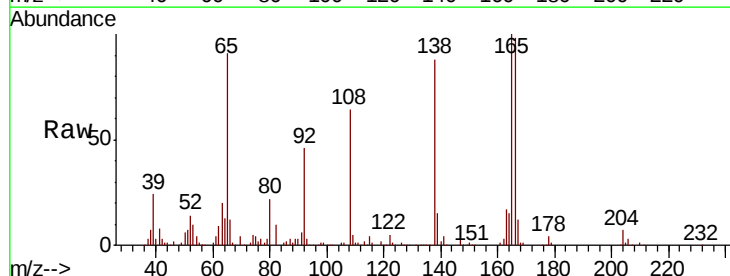
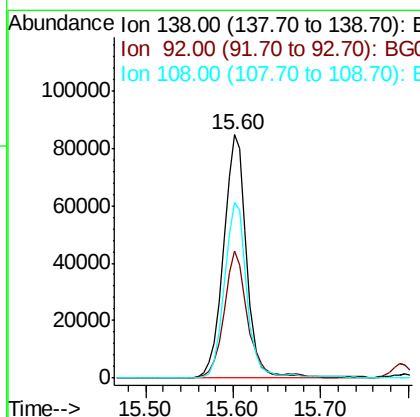
Manual Integrations
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#62
4-Nitroaniline
Concen: 45.338 ng
RT: 15.60 min Scan# 2130
Delta R.T. -0.01 min
Lab File: BG044477.D
Acq: 18 Feb 2020 18:00

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.5	31.3	71.3
108	72.1	52.6	92.6





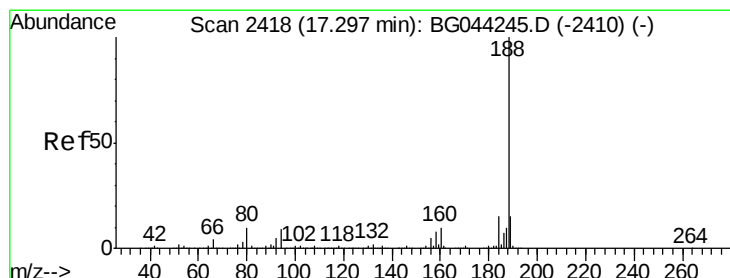
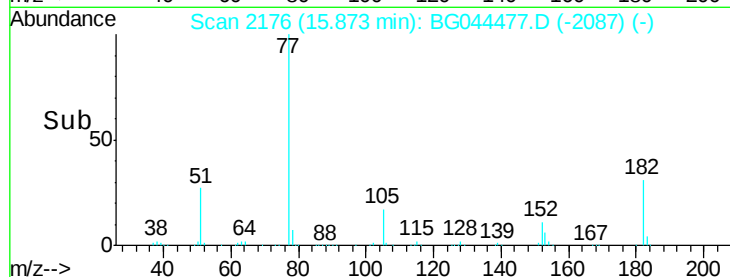
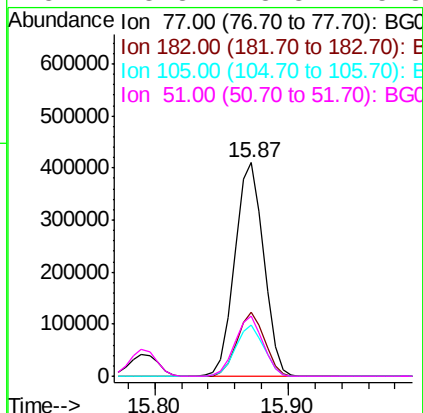
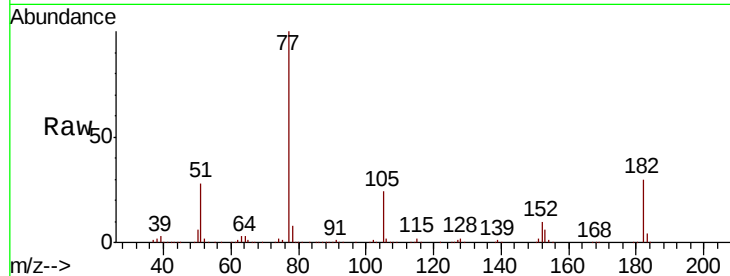
#63
Azobenzene
Concen: 51.271 ng
RT: 15.87 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BG044477.D
Acq: 18 Feb 2020 18:00

Instrument :
BNA_G
ClientSampleId :
CL-02-021420MS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	29.8	8.2	48.2	
105	23.9	3.6	43.6	
51	28.3	8.3	48.3	

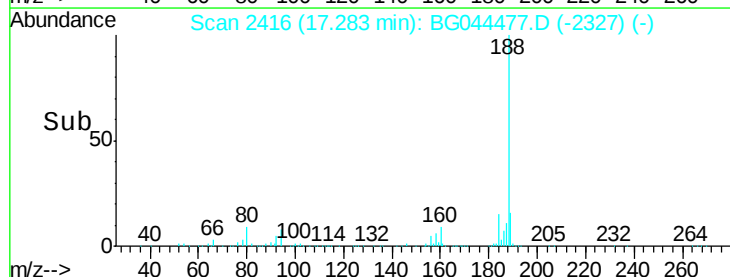
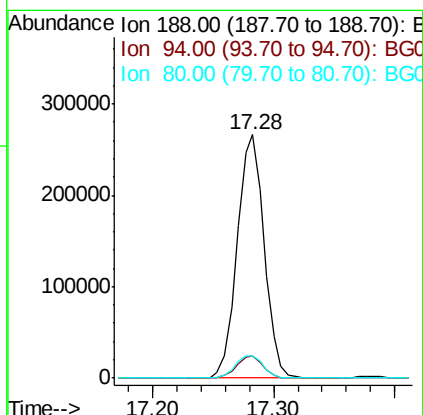
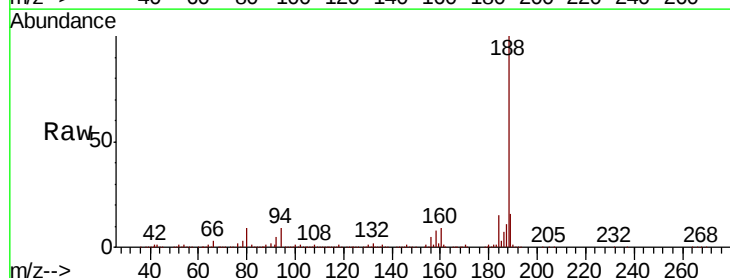
Manual Integrations
APPROVED

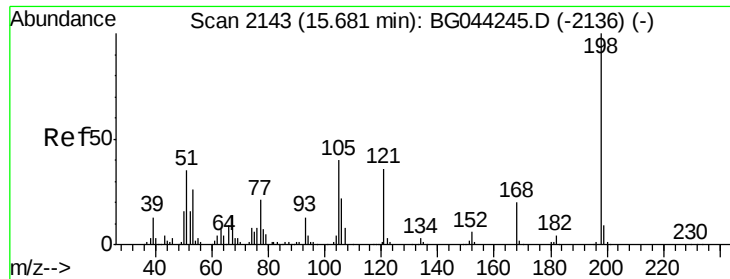
mohammad
2/20/2020 8:57:29 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.28 min Scan# 2416
Delta R.T. -0.01 min
Lab File: BG044477.D
Acq: 18 Feb 2020 18:00

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.0	7.4	11.2	
80	9.3	7.7	11.5	





#65

4,6-Dinitro-2-methylphenol

Concen: 38.931 ng

RT: 15.67 min Scan# 2142

Delta R.T. -0.00 min

Lab File: BG044477.D

Acq: 18 Feb 2020 18:00

Instrument :

BNA_G

ClientSampleId :

CL-02-021420MS

Tot Ion:198 Resp: 88869

Ion Ratio Lower Upper

198 100

51 36.9 16.6 56.6

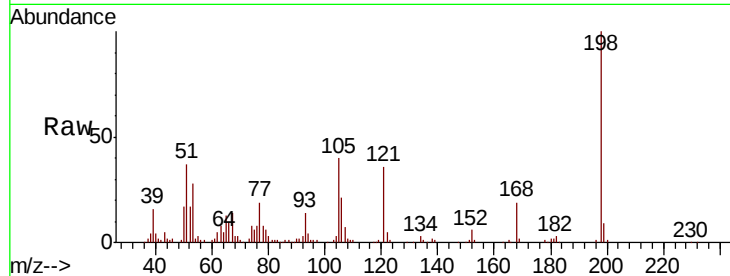
105 39.8 20.6 60.6

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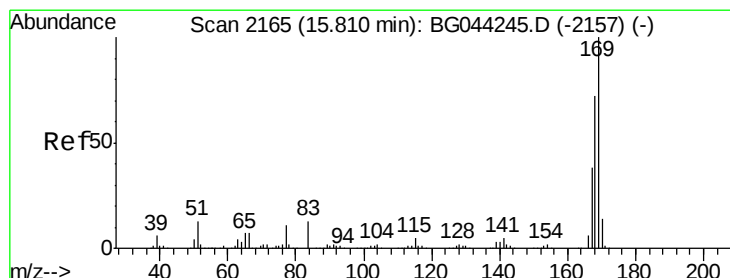
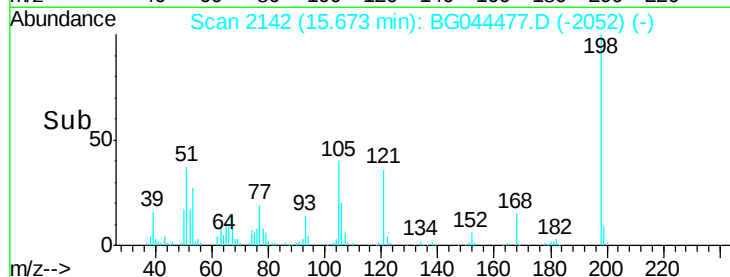
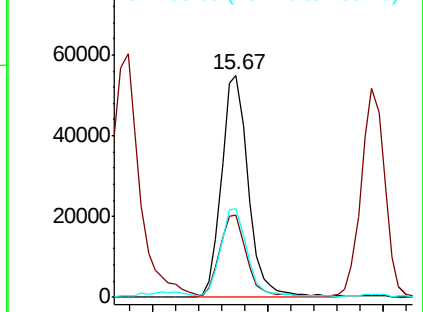
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 51.720 ng

RT: 15.79 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BG044477.D

Acq: 18 Feb 2020 18:00

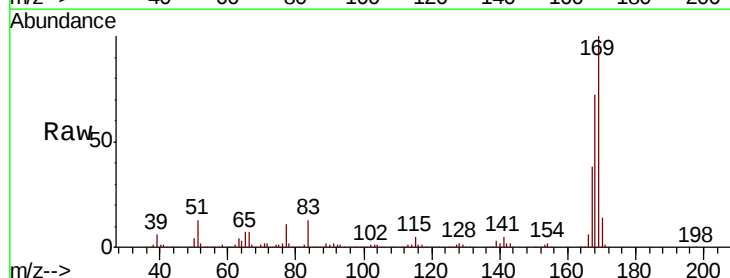
Tgt Ion:169 Resp: 599400

Ion Ratio Lower Upper

169 100

168 72.4 57.9 86.9

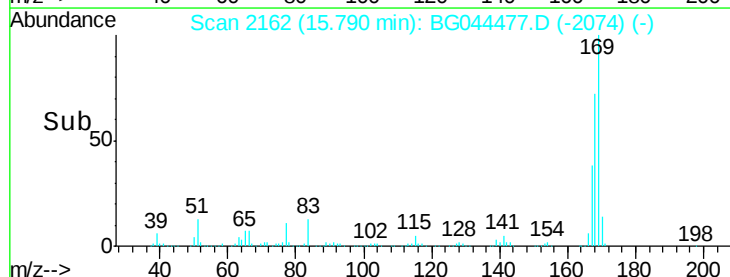
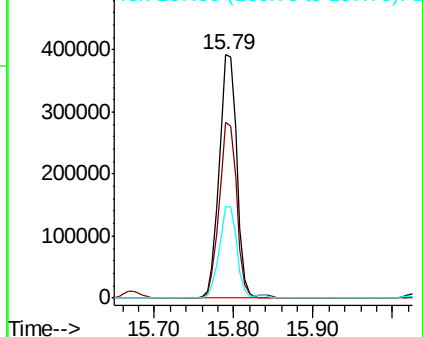
167 37.5 30.7 46.1

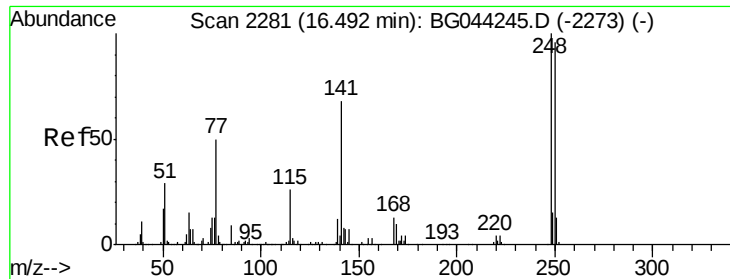


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





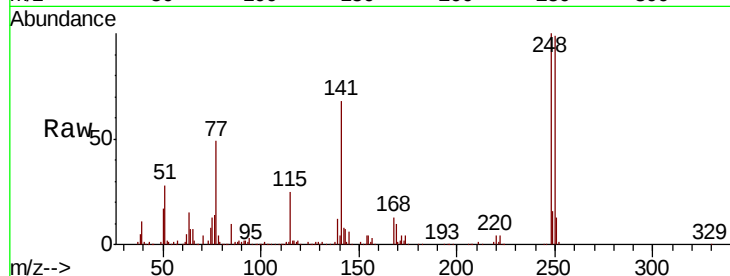
#67
4-Bromophenyl-phenylether
Concen: 49.633 ng
RT: 16.47 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BG044477.D
Acq: 18 Feb 2020 18:00

Instrument :
BNA_G
ClientSampleId :
CL-02-021420MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.7	76.6	114.8
141	68.5	54.7	82.1

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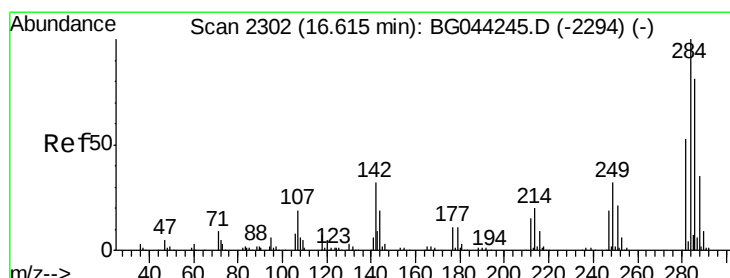
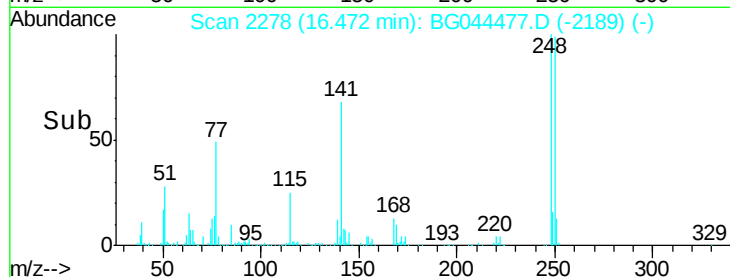
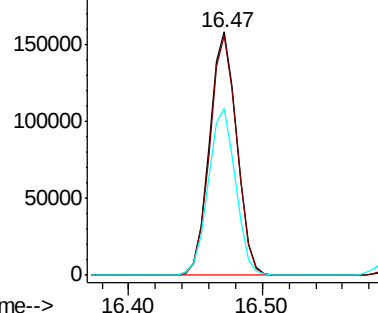


Abundance

Ion 248.00 (247.70 to 248.70): E

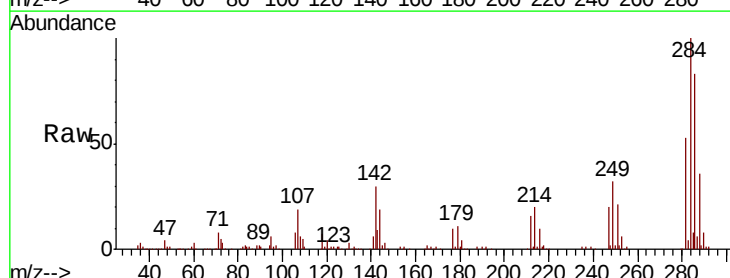
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 48.777 ng
RT: 16.60 min Scan# 2300
Delta R.T. -0.00 min
Lab File: BG044477.D
Acq: 18 Feb 2020 18:00

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.4	25.3	37.9
249	32.1	25.5	38.3

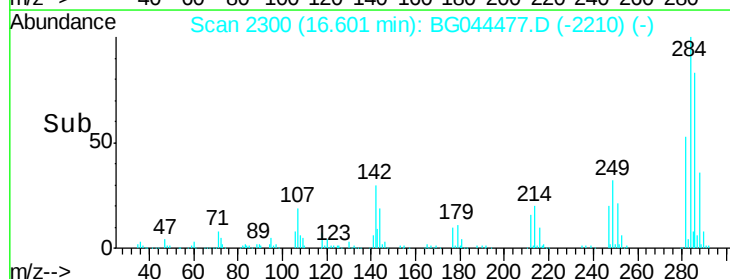
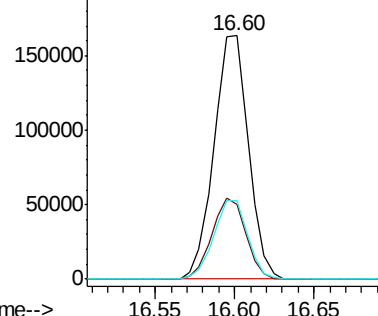


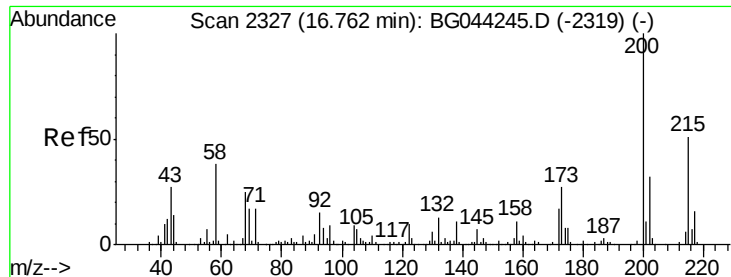
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





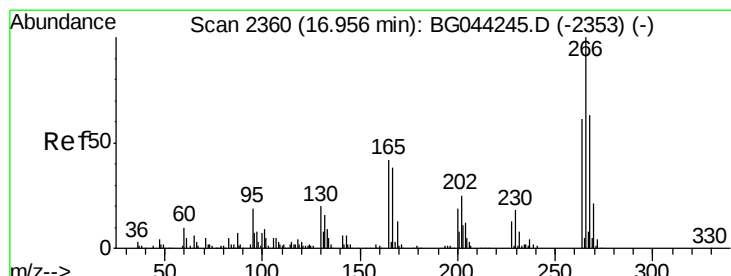
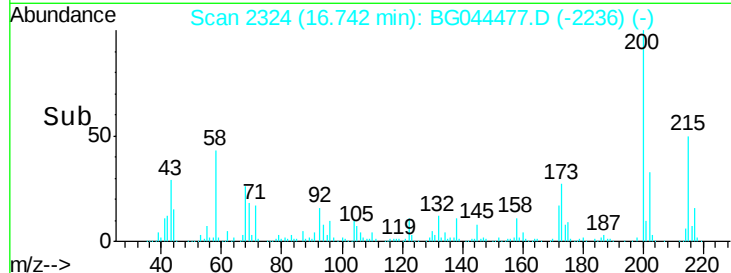
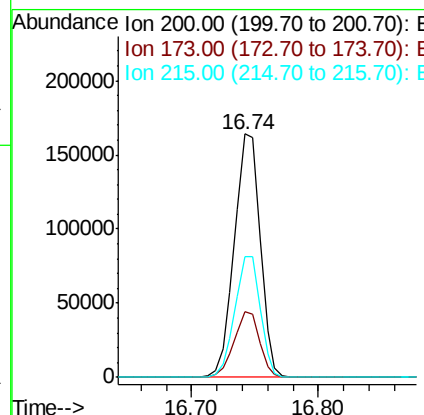
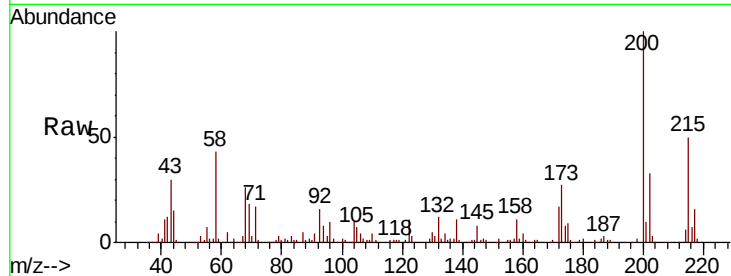
#69
Atrazine
Concen: 58.121 ng
RT: 16.74 min Scan# 2324
Delta R.T. -0.01 min
Lab File: BG044477.D
Acq: 18 Feb 2020 18:00

Instrument :
BNA_G
ClientSampleId :
CL-02-021420MS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	230871		
173	26.7	6.6	46.6	
215	49.9	31.0	71.0	

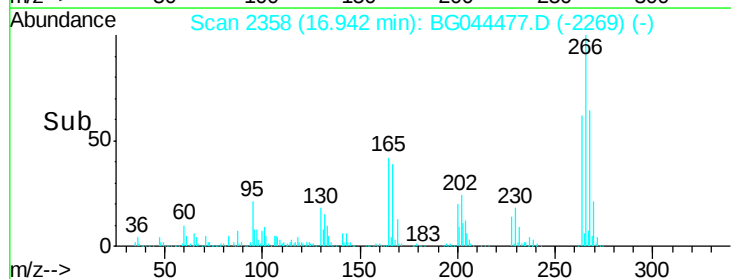
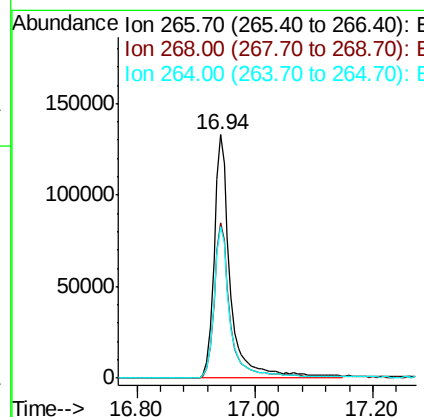
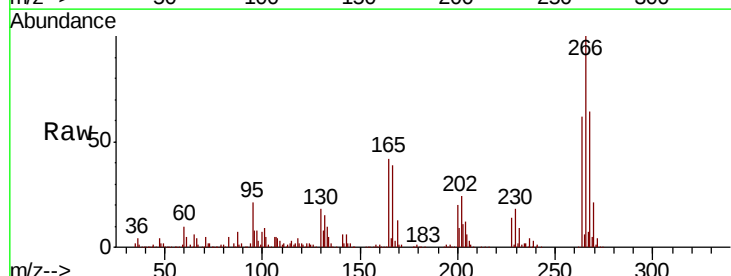
Manual Integrations
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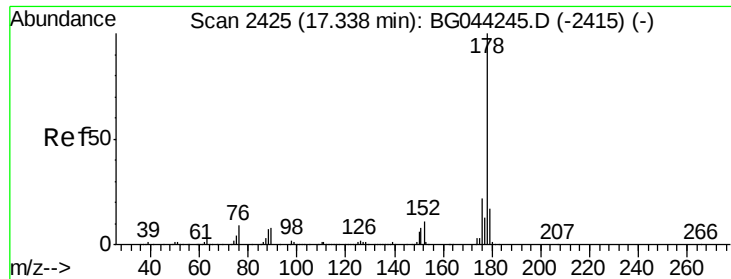
mohammad
2/20/2020 8:57:29 AM



#70
Pentachlorophenol
Concen: 99.992 ng
RT: 16.94 min Scan# 2358
Delta R.T. -0.01 min
Lab File: BG044477.D
Acq: 18 Feb 2020 18:00

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	257317		
268	64.0	50.6	75.8	
264	62.2	48.7	73.1	





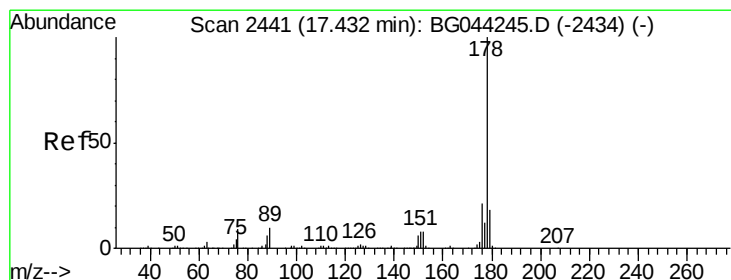
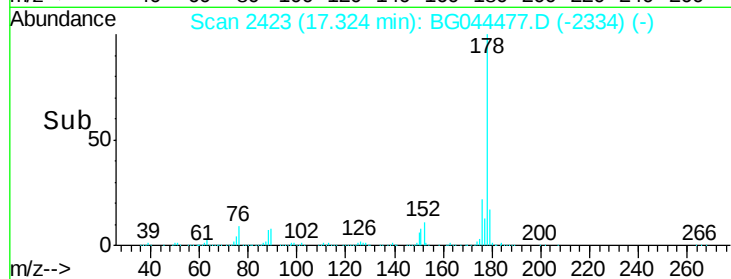
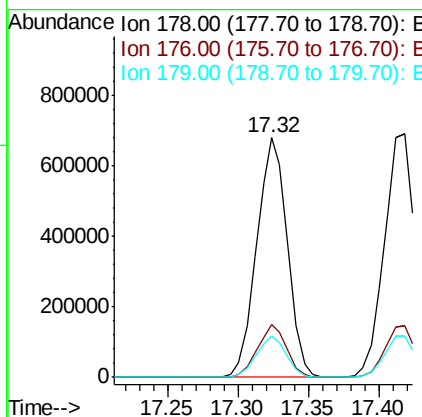
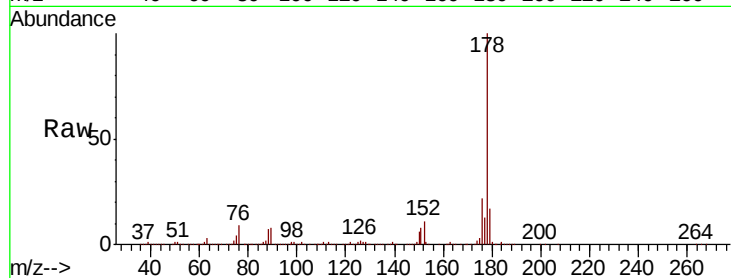
#71
Phenanthrene
Concen: 51.632 ng
RT: 17.32 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG044477.D
Acq: 18 Feb 2020 18:00

Instrument :
BNA_G
ClientSampleId :
CL-02-021420MS

Tot Ion:178 Resp: 1033928
Ion Ratio Lower Upper
178 100
176 21.9 17.7 26.5
179 17.3 13.7 20.5

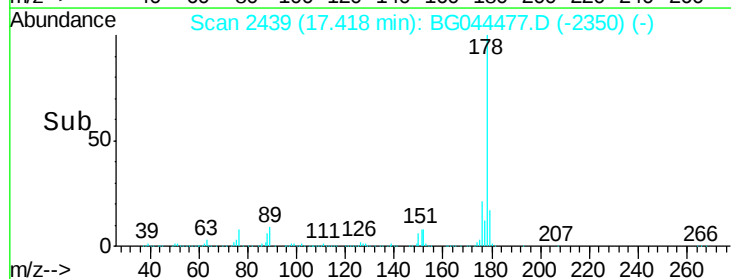
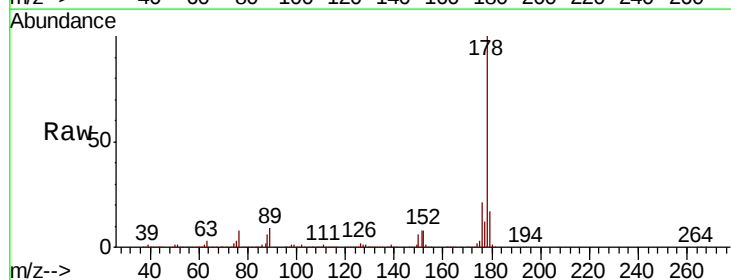
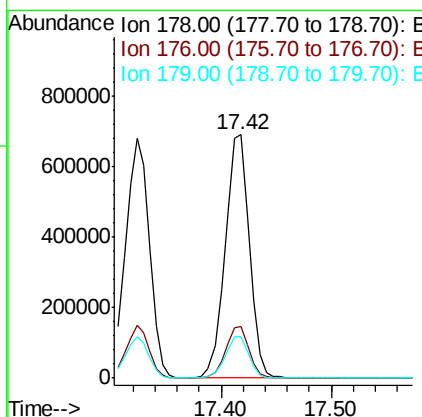
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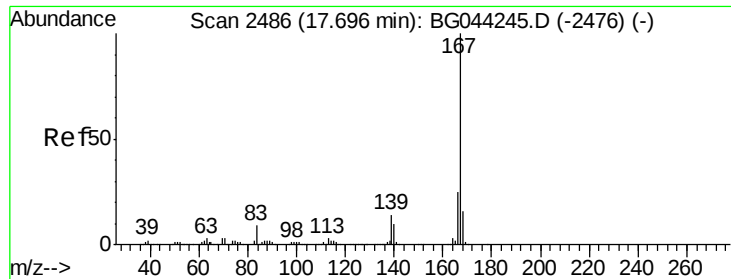
mohammad
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#72
Anthracene
Concen: 53.403 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BG044477.D
Acq: 18 Feb 2020 18:00

Tgt Ion:178 Resp: 1057281
Ion Ratio Lower Upper
178 100
176 21.1 17.0 25.4
179 17.1 14.4 21.6





#73

Carbazole

Concen: 52.366 ng

RT: 17.68 min Scan# 2484

Delta R.T. -0.01 min

Lab File: BG044477.D

Acq: 18 Feb 2020 18:00

Instrument :

BNA_G

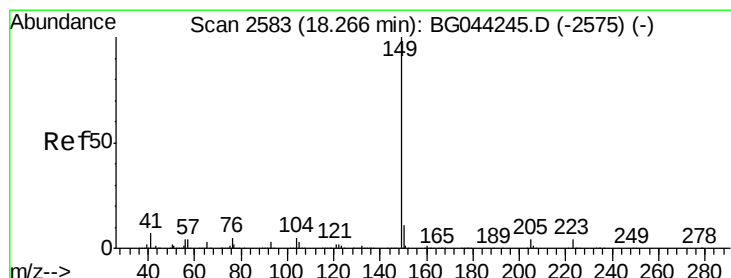
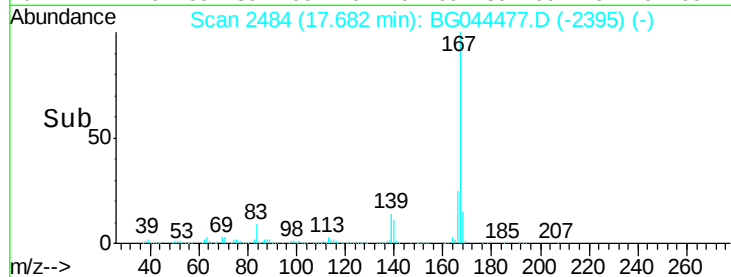
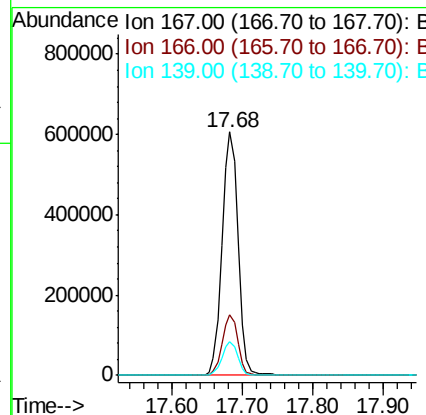
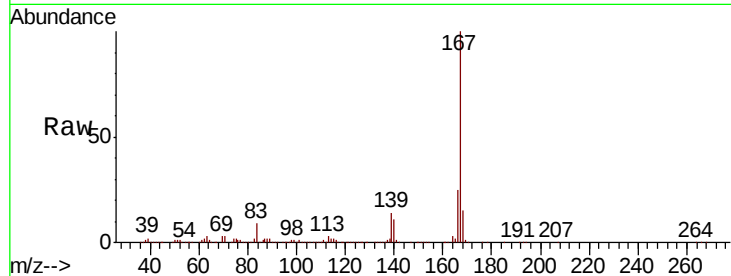
ClientSampleId :

CL-02-021420MS

Tot Ion:	167	Resp:	955753
Ion Ratio		Lower	Upper
167	100		
166	24.8	19.8	29.6
139	13.8	11.1	16.7

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#74

Di-n-butylphthalate

Concen: 51.561 ng

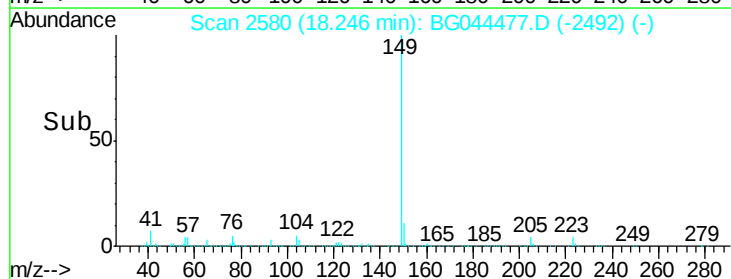
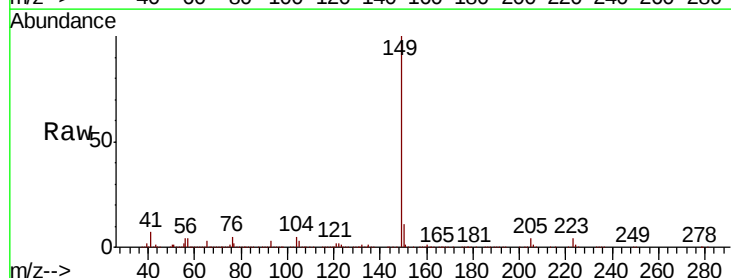
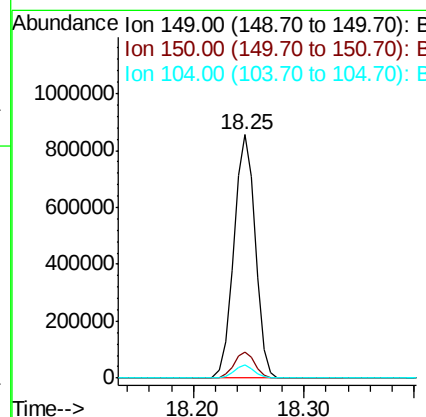
RT: 18.25 min Scan# 2580

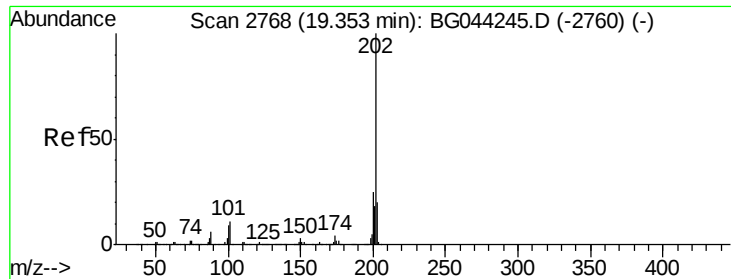
Delta R.T. -0.01 min

Lab File: BG044477.D

Acq: 18 Feb 2020 18:00

Tgt Ion:	149	Resp:	1162933
Ion Ratio		Lower	Upper
149	100		
150	10.9	8.7	13.1
104	5.4	4.3	6.5





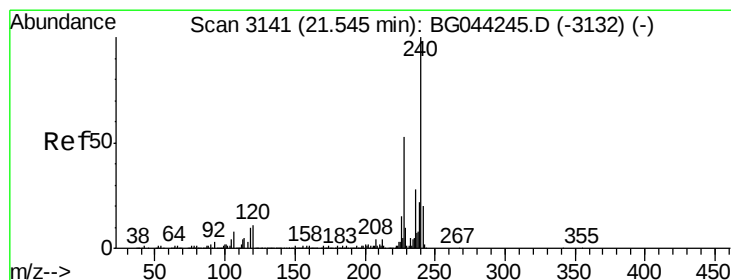
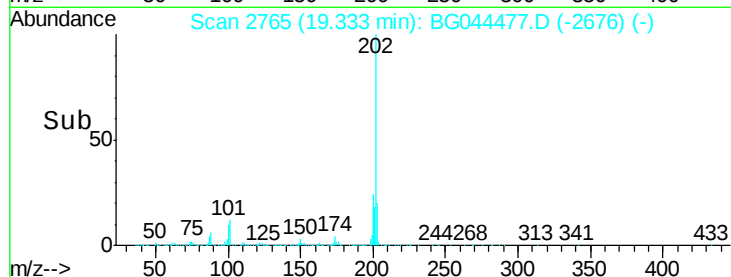
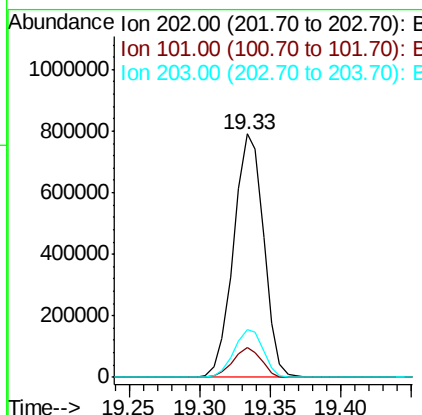
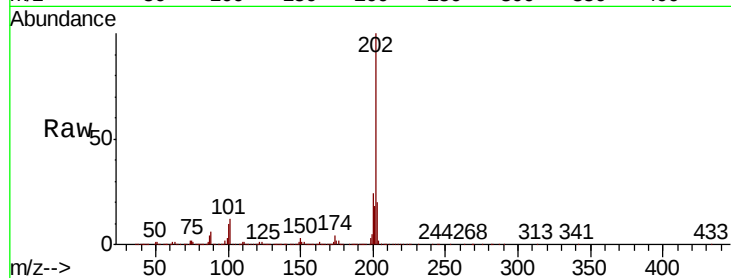
#75
 Fluoranthene
 Concen: 50.693 ng
 RT: 19.33 min Scan# 2765
 Delta R.T. -0.01 min
 Lab File: BG044477.D
 Acq: 18 Feb 2020 18:00

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-021420MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	12.3	0.0	31.3		
203	19.7	0.0	39.9		

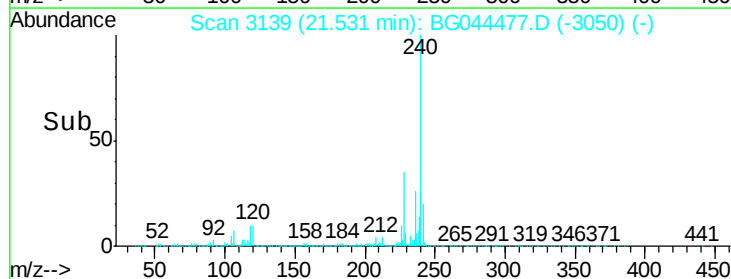
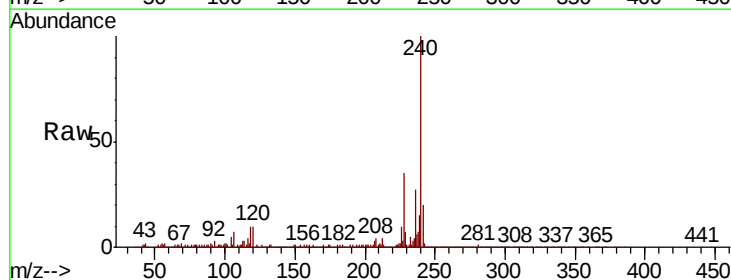
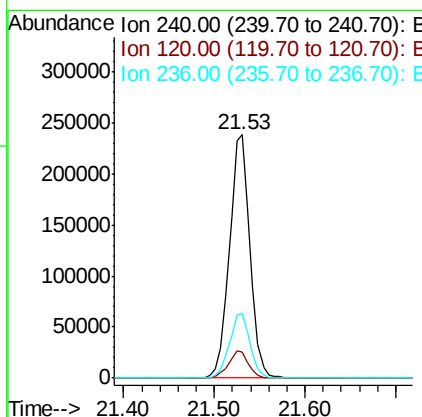
Manual Integrations
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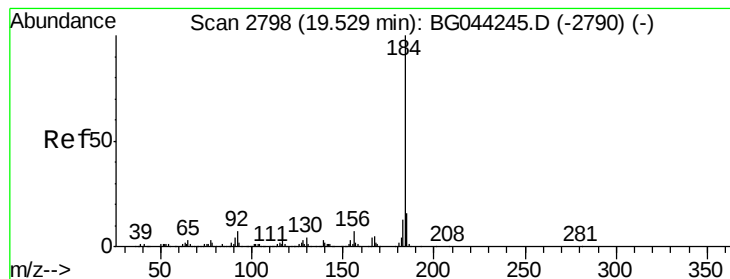
mohammad
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.53 min Scan# 3139
 Delta R.T. -0.01 min
 Lab File: BG044477.D
 Acq: 18 Feb 2020 18:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100				
120	10.5	8.4	12.6		
236	26.6	22.1	33.1		





#77

Benzidine

Concen: 22.625 ng

RT: 19.51 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BG044477.D

Acq: 18 Feb 2020 18:00

Instrument :

BNA_G

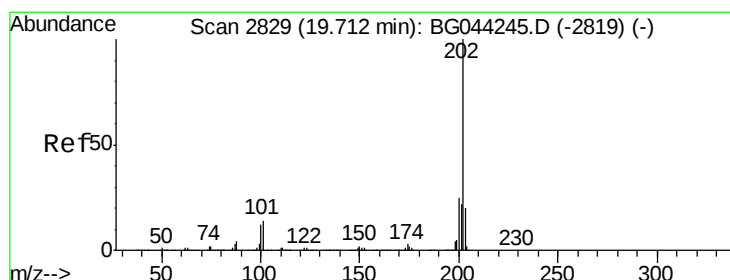
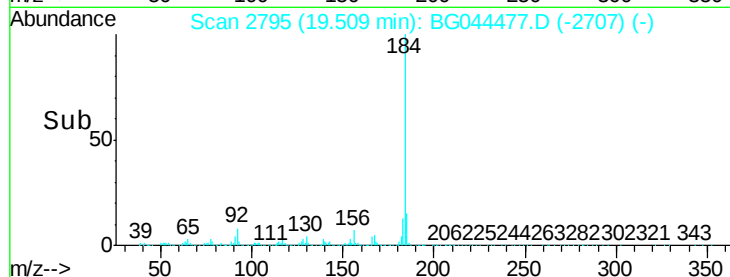
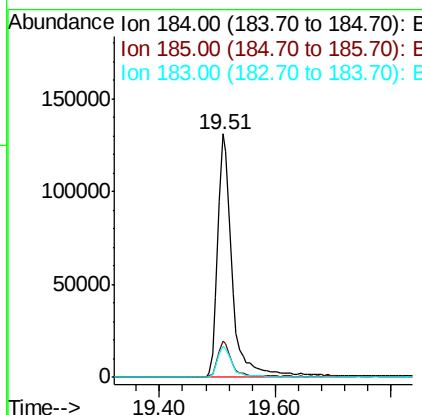
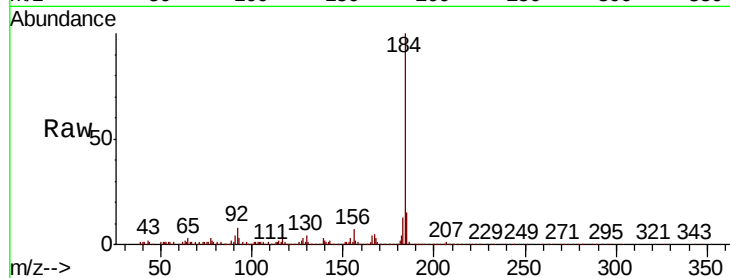
ClientSampleId :

CL-02-021420MS

Tot Ion:	184	Resp:	233545
Ion Ratio	Lower	Upper	
184	100		
185	15.0	12.9	19.3
183	13.0	10.8	16.2

Manual Integrations
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#78

Pyrene

Concen: 49.513 ng

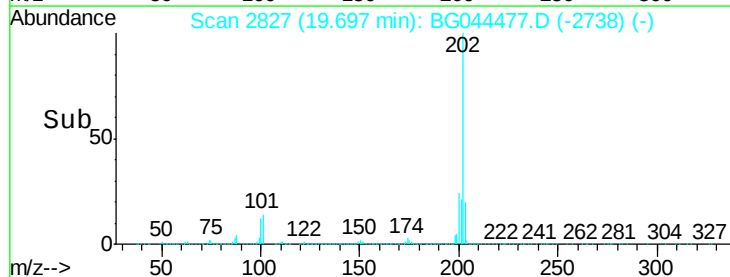
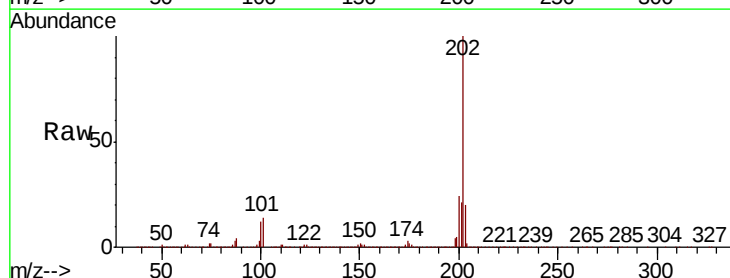
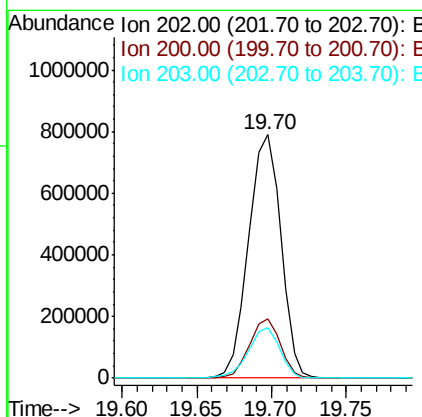
RT: 19.70 min Scan# 2827

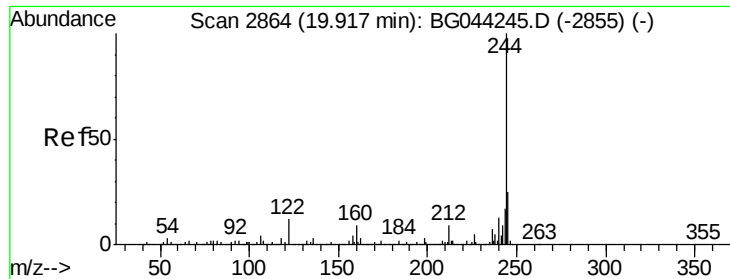
Delta R.T. -0.01 min

Lab File: BG044477.D

Acq: 18 Feb 2020 18:00

Tgt Ion:	202	Resp:	1183314
Ion Ratio	Lower	Upper	
202	100		
200	24.3	20.0	30.0
203	20.5	16.2	24.2





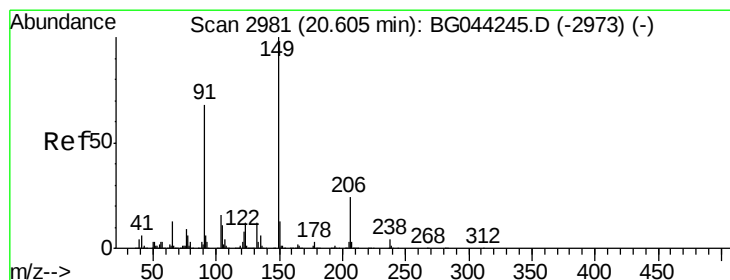
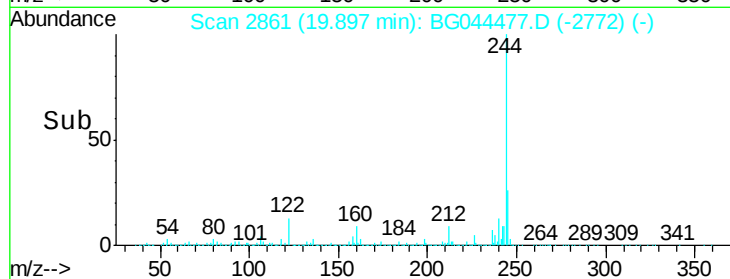
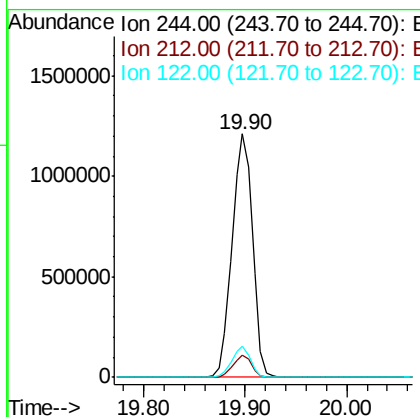
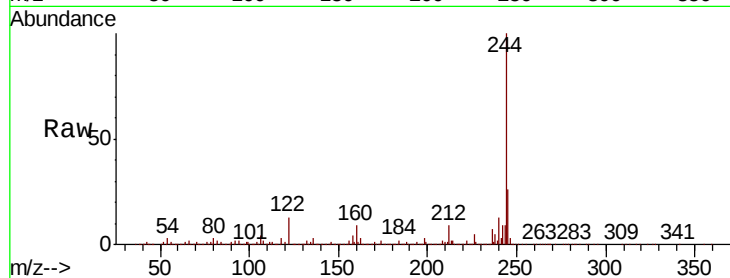
#79
 Terphenyl-d14
 Concen: 93.639 ng
 RT: 19.90 min Scan# 2861
 Delta R.T. -0.01 min
 Lab File: BG044477.D
 Acq: 18 Feb 2020 18:00

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-021420MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.4	11.2
122	12.7	9.8	14.6

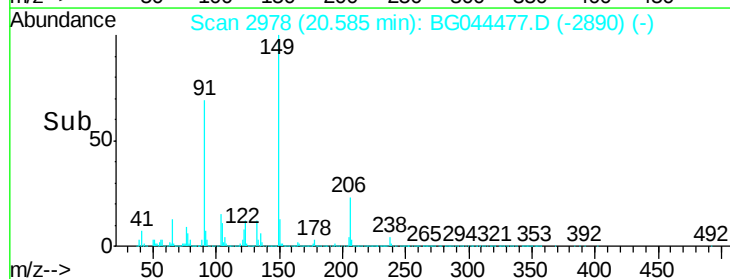
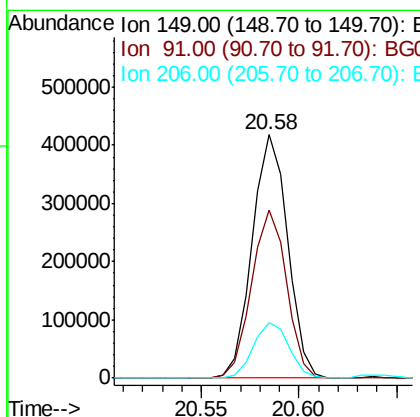
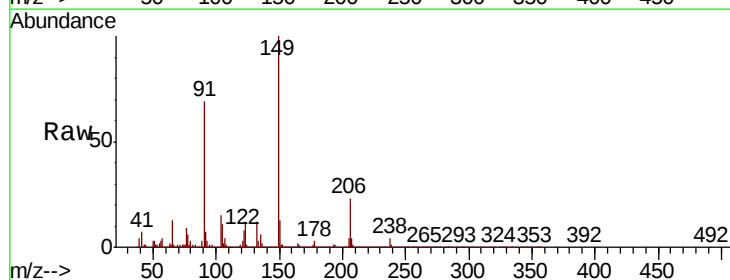
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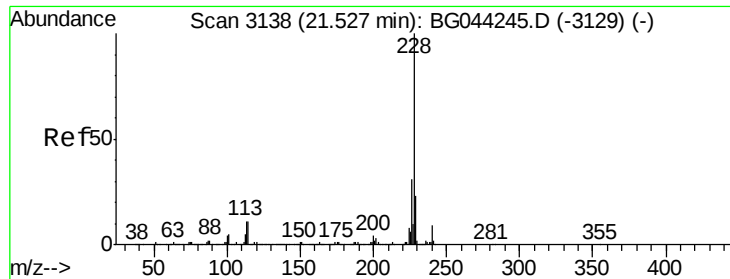
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#80
 Butylbenzylphthalate
 Concen: 48.202 ng
 RT: 20.58 min Scan# 2978
 Delta R.T. -0.01 min
 Lab File: BG044477.D
 Acq: 18 Feb 2020 18:00

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.1	54.5	81.7
206	22.7	19.1	28.7





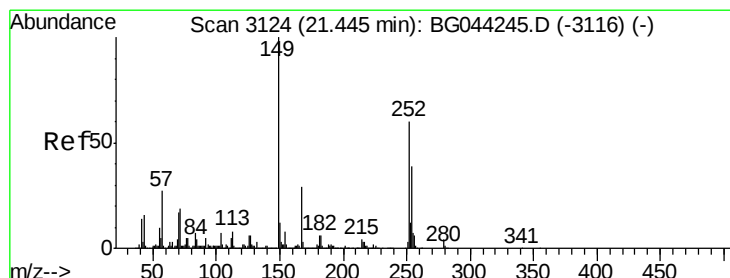
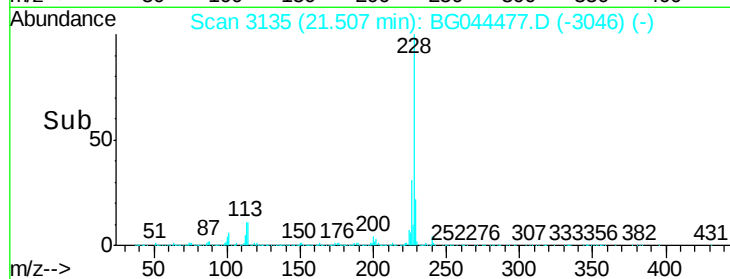
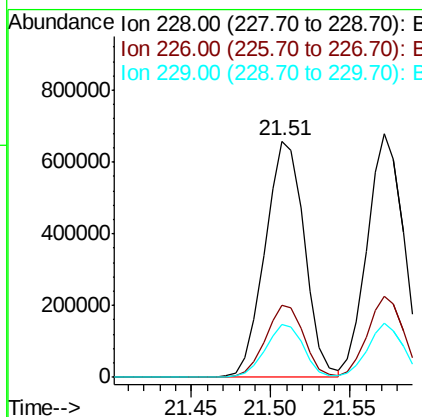
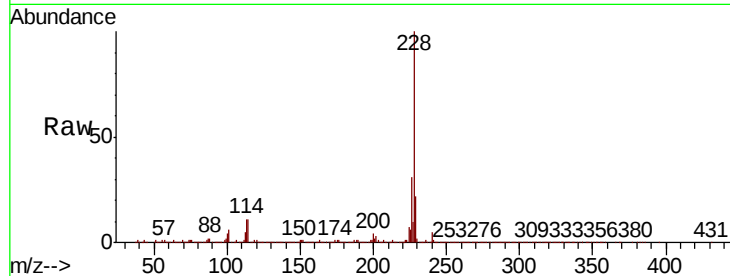
#81
Benzo(a)anthracene
Concen: 49.555 ng
RT: 21.51 min Scan# 3135
Delta R.T. -0.01 min
Lab File: BG044477.D
Acq: 18 Feb 2020 18:00

Instrument :
BNA_G
ClientSampleId :
CL-02-021420MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.7	37.1
229	22.3	18.2	27.4

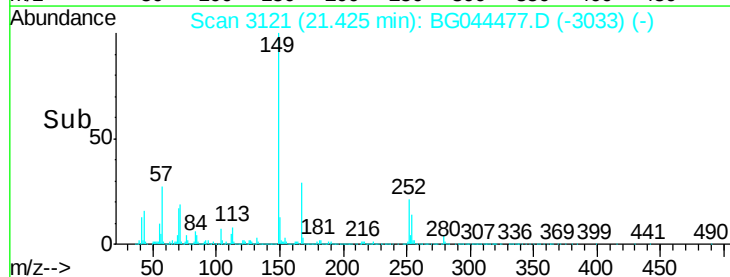
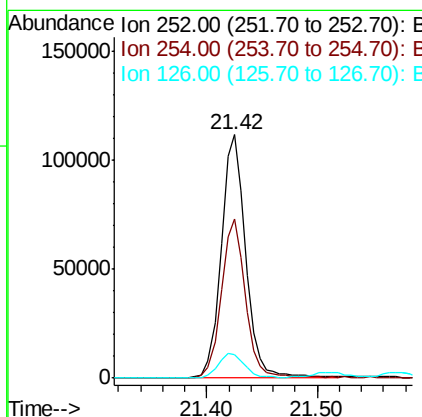
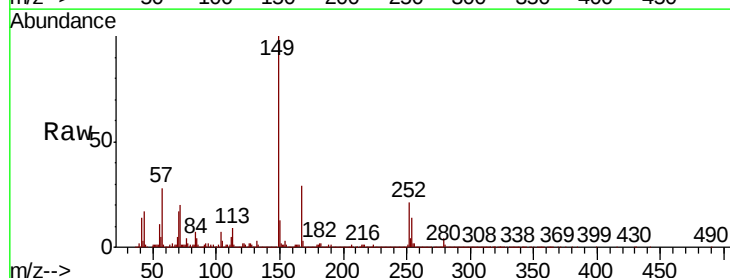
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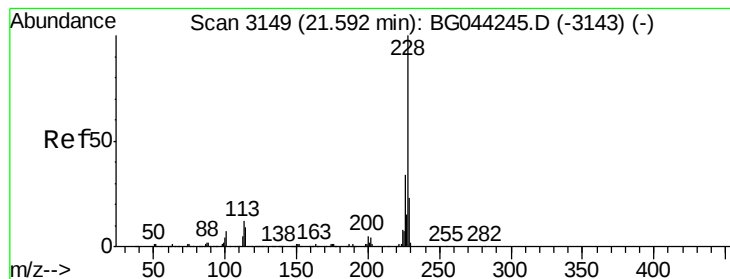
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 19.346 ng
RT: 21.42 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BG044477.D
Acq: 18 Feb 2020 18:00

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.1	52.6	78.8
126	9.8	8.2	12.4





#83

Chrvsene

Concen: 49.006 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG044477.D

Acq: 18 Feb 2020 18:00

Instrument :

BNA_G

ClientSampleId :

CL-02-021420MS

Tot Ion:228 Resp: 1086419

Ion Ratio Lower Upper

228 100

226 33.4 27.1 40.7

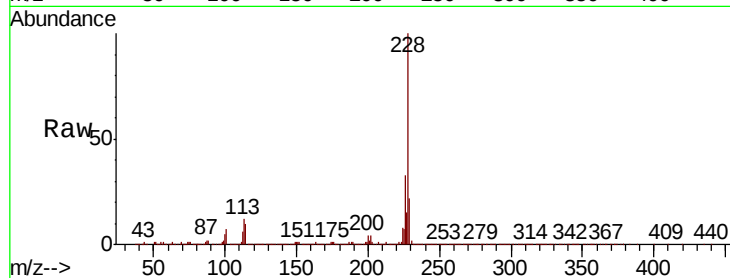
229 22.3 17.9 26.9

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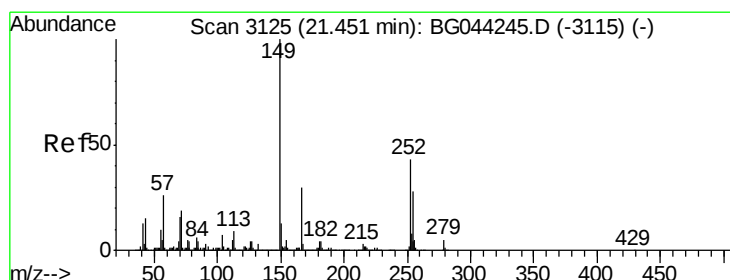
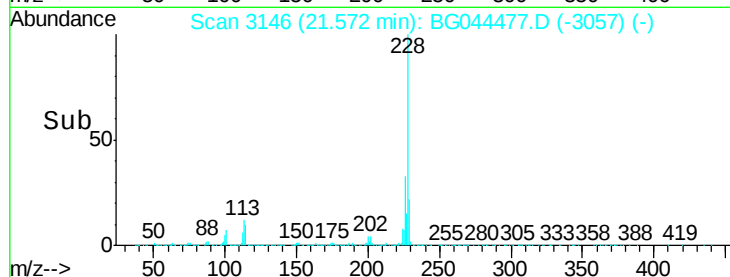
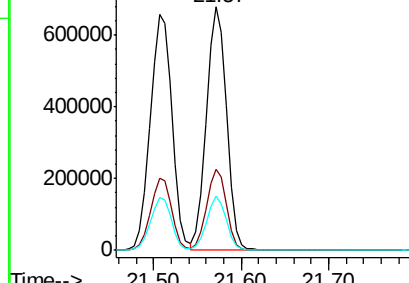
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.412 ng

RT: 21.42 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BG044477.D

Acq: 18 Feb 2020 18:00

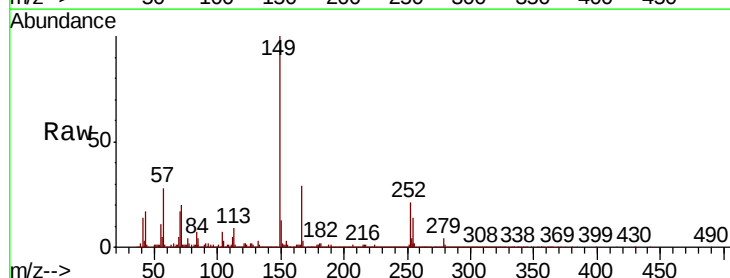
Tgt Ion:149 Resp: 740718

Ion Ratio Lower Upper

149 100

167 29.1 24.0 36.0

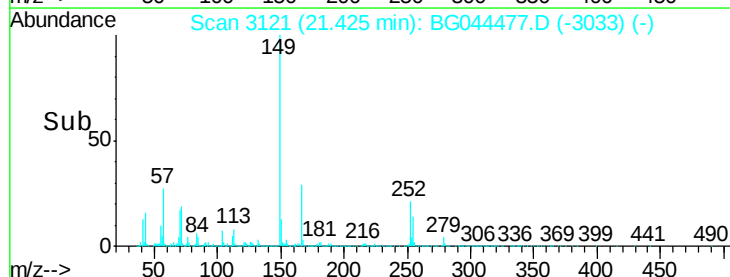
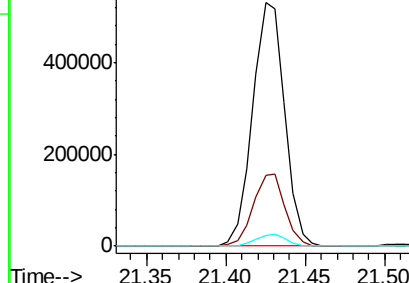
279 4.5 3.8 5.8

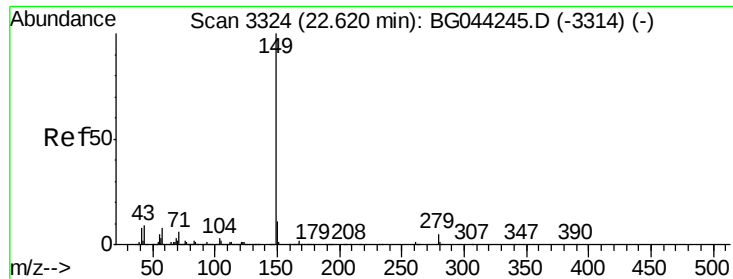


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 49.626 ng

RT: 22.59 min Scan# 3319

Delta R.T. -0.02 min

Lab File: BG044477.D

Acq: 18 Feb 2020 18:00

Instrument :

BNA_G

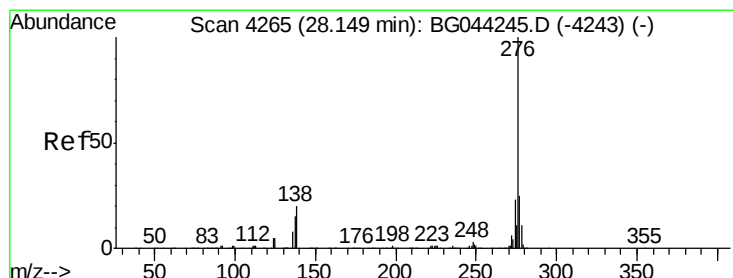
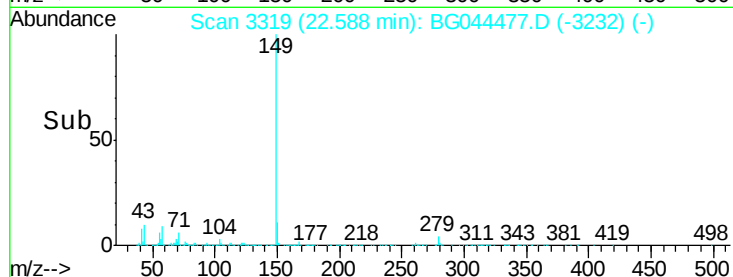
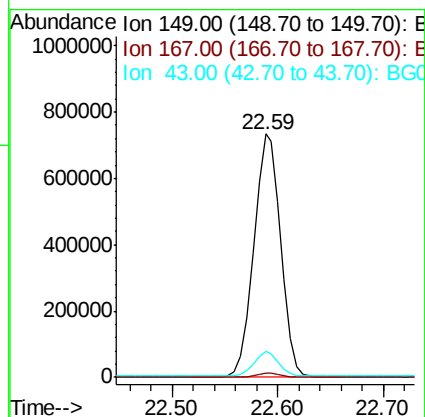
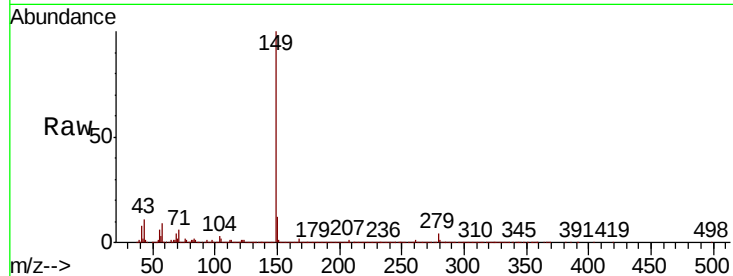
ClientSampleId :

CL-02-021420MS

Tot Ion:	149	Resp:	1287142
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	9.3	7.4	11.0

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#86

Indeno(1,2,3-cd)pyrene

Concen: 49.134 ng

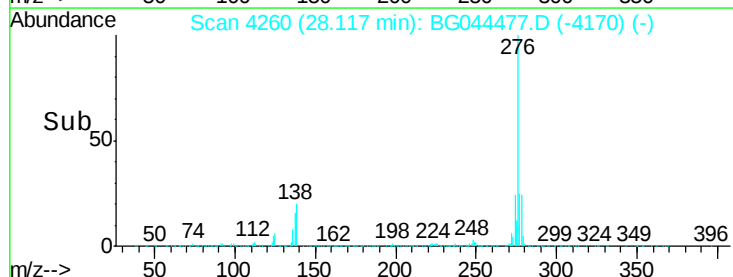
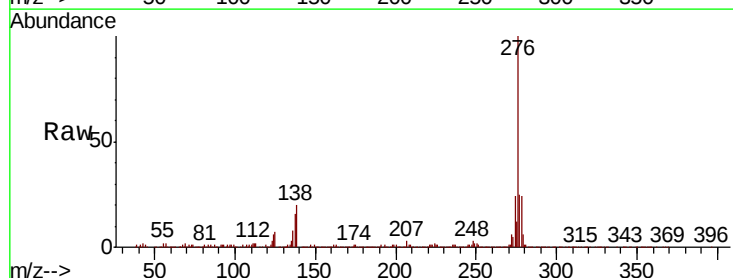
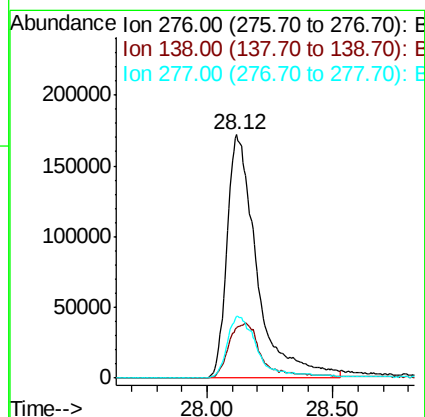
RT: 28.12 min Scan# 4260

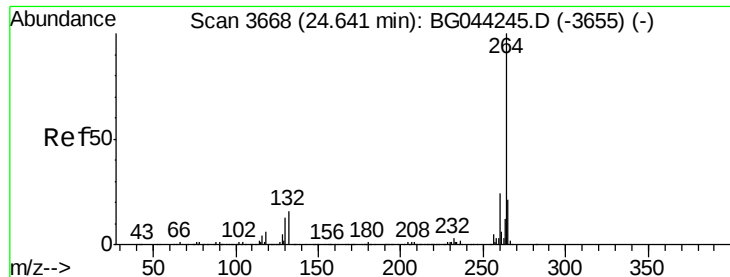
Delta R.T. -0.00 min

Lab File: BG044477.D

Acq: 18 Feb 2020 18:00

Tgt Ion:	276	Resp:	1421102
Ion	Ratio	Lower	Upper
276	100		
138	0.0	19.4	29.0#
277	24.4	21.0	31.6





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.61 min Scan# 3663

Delta R.T. -0.01 min

Lab File: BG044477.D

Acq: 18 Feb 2020 18:00

Instrument :

BNA_G

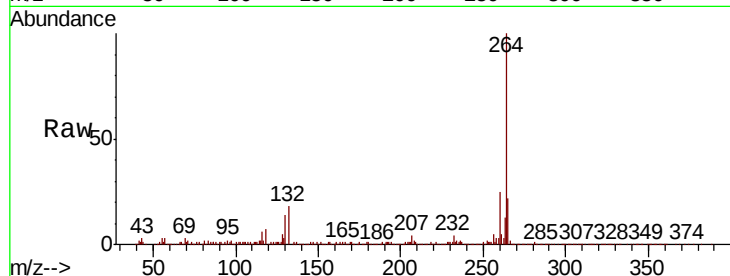
ClientSampleId :

CL-02-021420MS

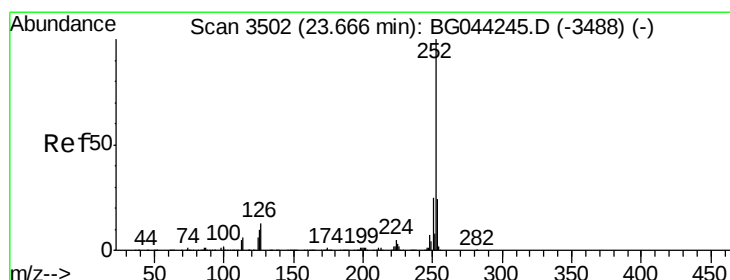
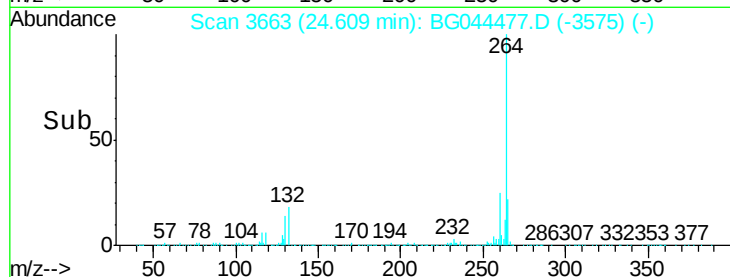
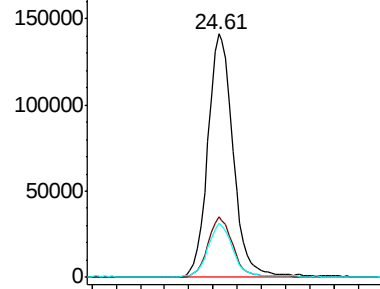
Tot Ion:	264	Resp:	409062
Ion Ratio	Lower	Upper	
264	100		
260	24.9	19.4	29.2
265	22.1	16.7	25.1

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



#88

Benzo(b)fluoranthene

Concen: 49.838 ng

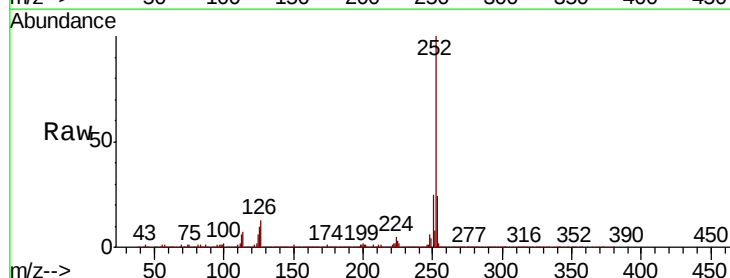
RT: 23.64 min Scan# 3498

Delta R.T. -0.01 min

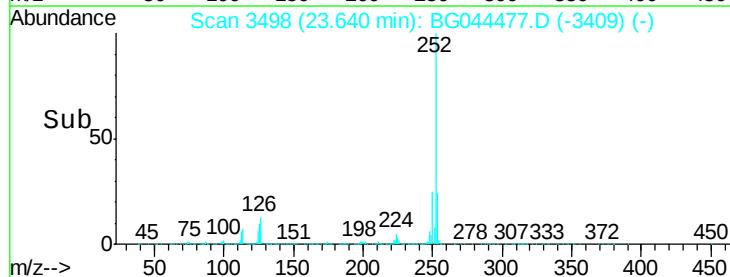
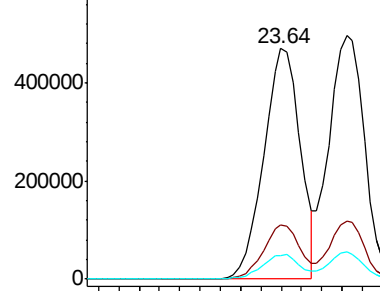
Lab File: BG044477.D

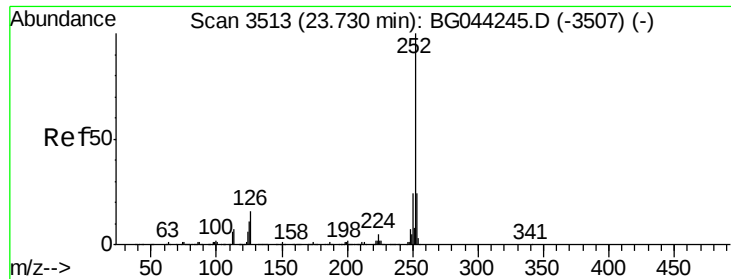
Acq: 18 Feb 2020 18:00

Tgt Ion:	252	Resp:	1174767
Ion Ratio	Lower	Upper	
252	100		
253	23.7	19.2	28.8
125	10.4	8.4	12.6



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





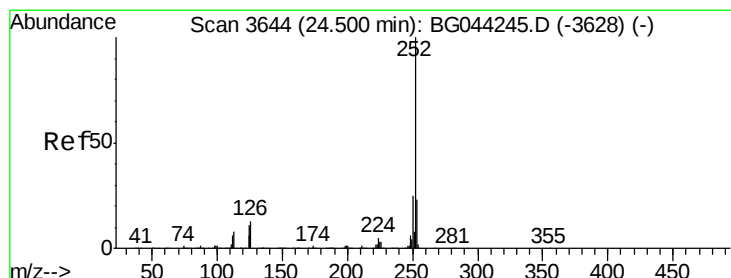
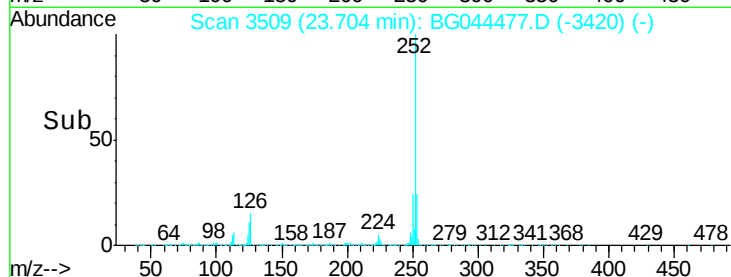
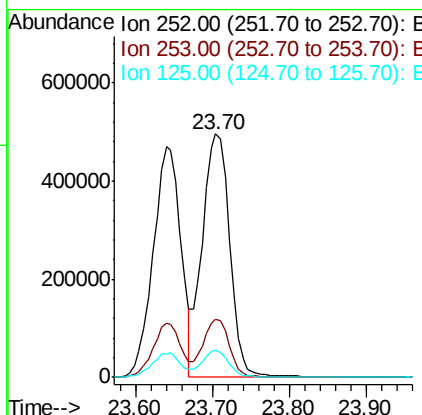
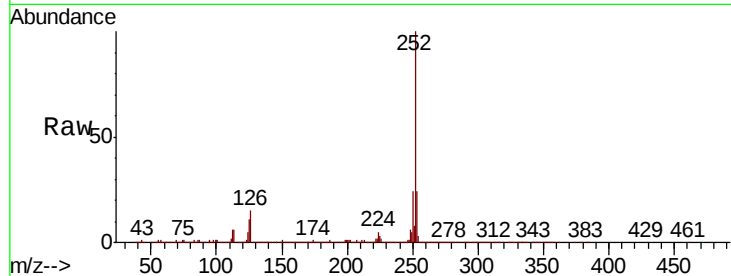
#89
Benzo(k)fluoranthene
Concen: 53.026 ng
RT: 23.70 min Scan# 3509
Delta R.T. -0.01 min
Lab File: BG044477.D
Acq: 18 Feb 2020 18:00

Instrument :
BNA_G
ClientSampleId :
CL-02-021420MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.1	28.7
125	11.0	8.6	12.8

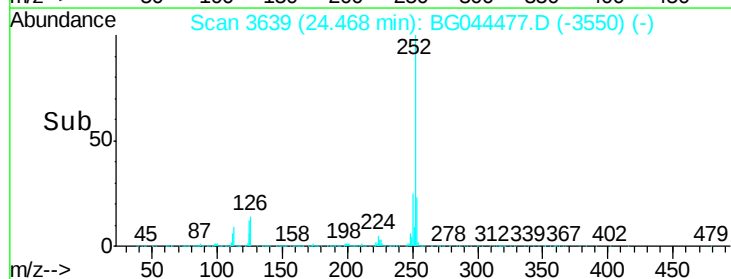
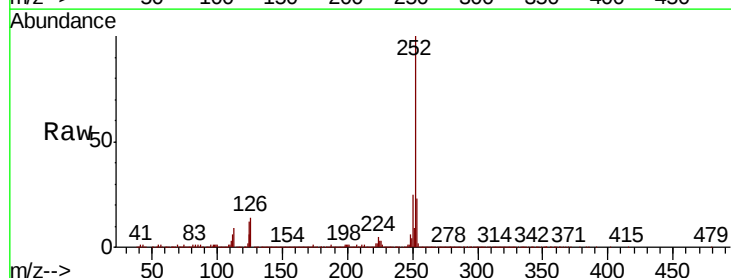
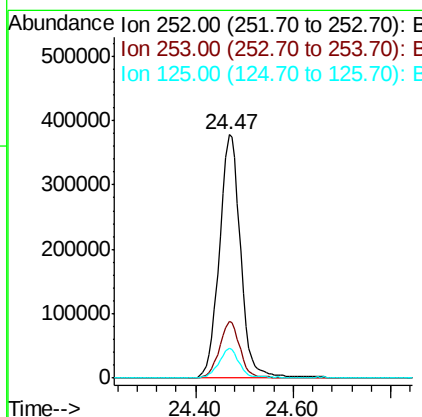
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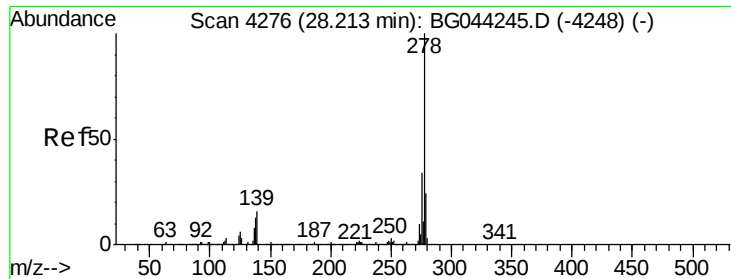
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#90
Benzo(a)pyrene
Concen: 50.931 ng
RT: 24.47 min Scan# 3639
Delta R.T. -0.01 min
Lab File: BG044477.D
Acq: 18 Feb 2020 18:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	12.3	8.6	13.0





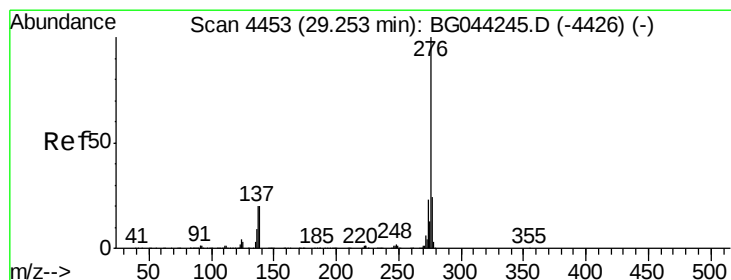
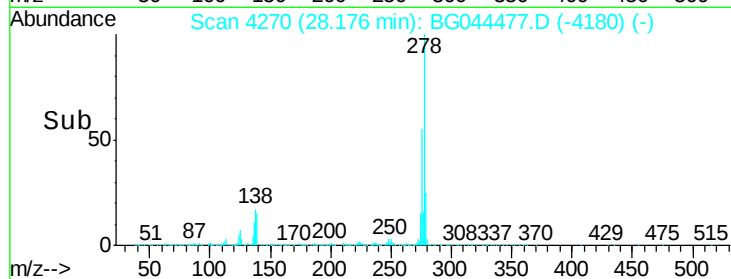
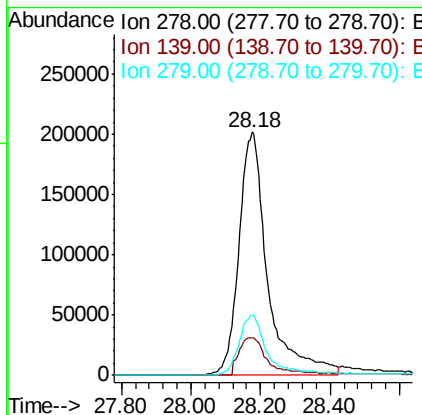
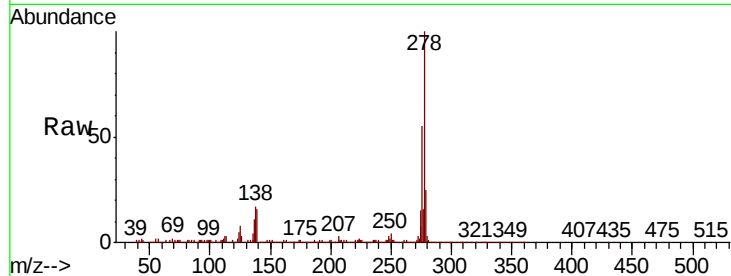
#91
Dibenzo(a,h)anthracene
Concen: 52.462 ng
RT: 28.18 min Scan# 4270
Delta R.T. -0.00 min
Lab File: BG044477.D
Acq: 18 Feb 2020 18:00

Instrument :
BNA_G
ClientSampleId :
CL-02-021420MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.6	12.7	19.1
279	25.0	19.3	28.9

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#92
Benzo(g,h,i)perylene
Concen: 48.329 ng
RT: 29.20 min Scan# 4445
Delta R.T. -0.00 min
Lab File: BG044477.D
Acq: 18 Feb 2020 18:00

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.8	28.2
138	21.5	16.2	24.2

